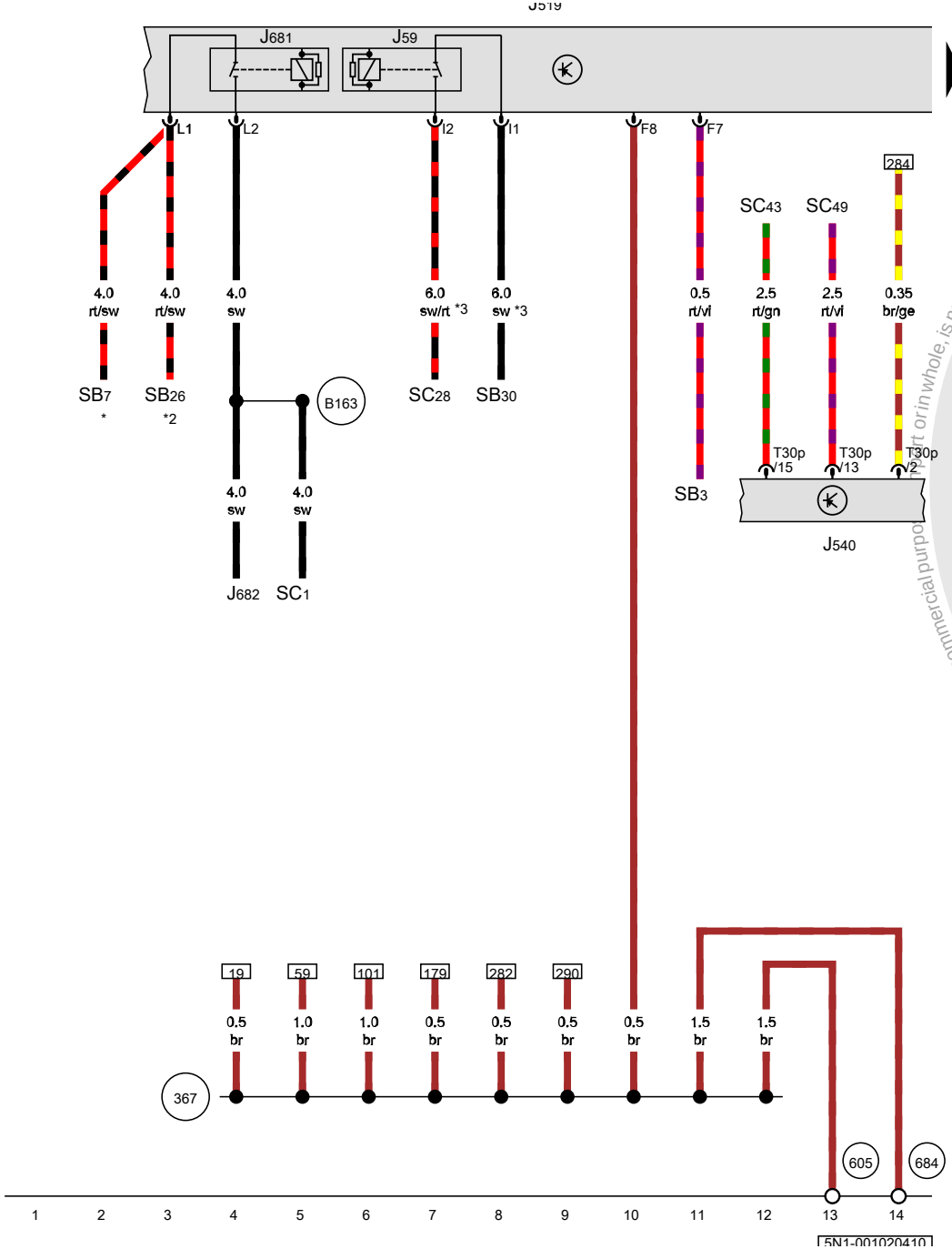
Basic equipment

From November 2007

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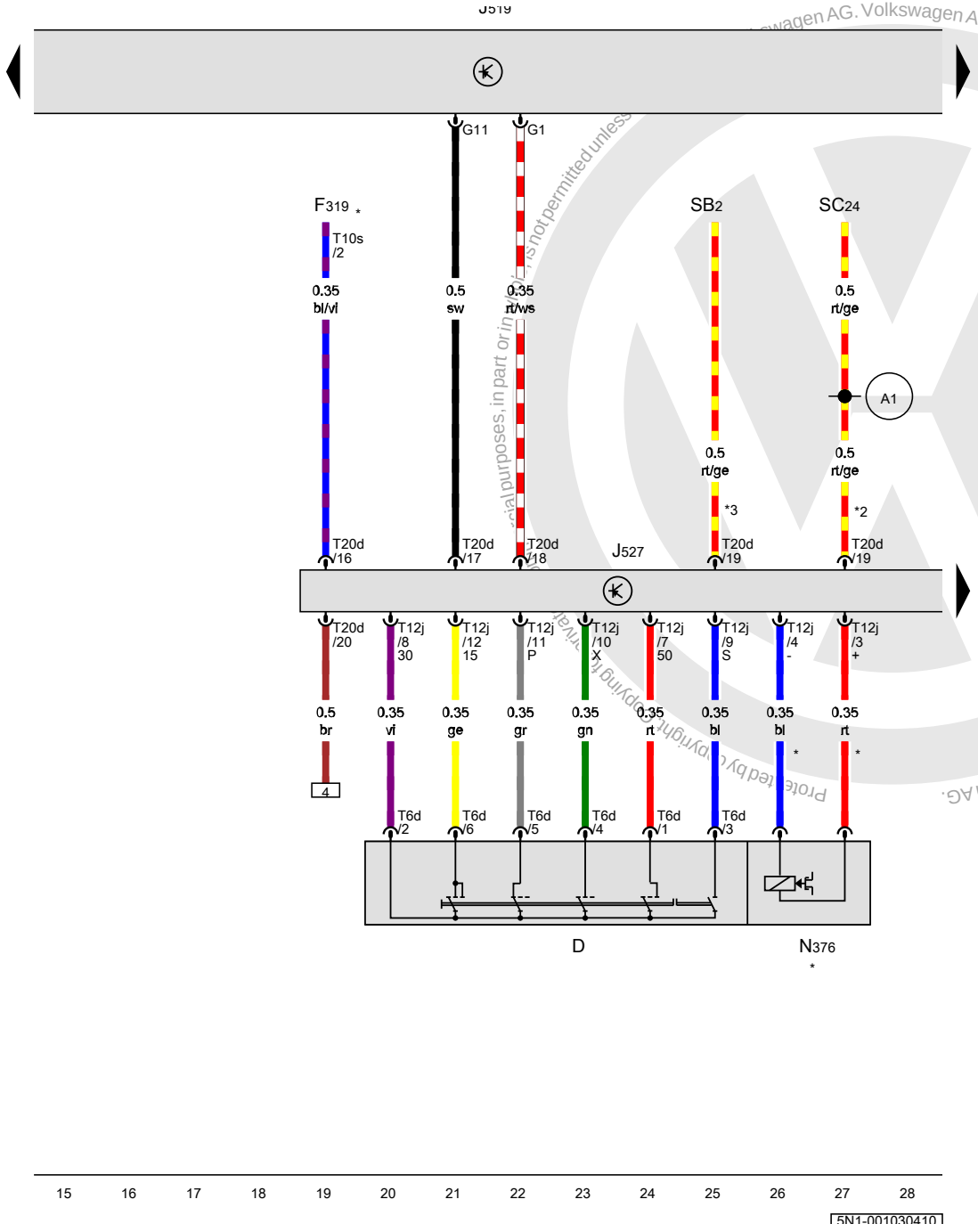


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Control unit for electromechanical parking brake

J59	X-contact relief relay
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SC1	Fuse 1 on fuse holder C
SB3	Fuse 3 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB26	Fuse 26 on fuse holder B
SC28	Fuse 28 on fuse holder C
SB30	Fuse 30 on fuse holder B
SC43	Fuse 43 on fuse holder C
SC49	Fuse 49 on fuse holder C
T30p	30-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
B163	Positive connection 1 (15), in interior wiring harness
*	From May 2008
*2	Up to May 2008
*3	According to equipment

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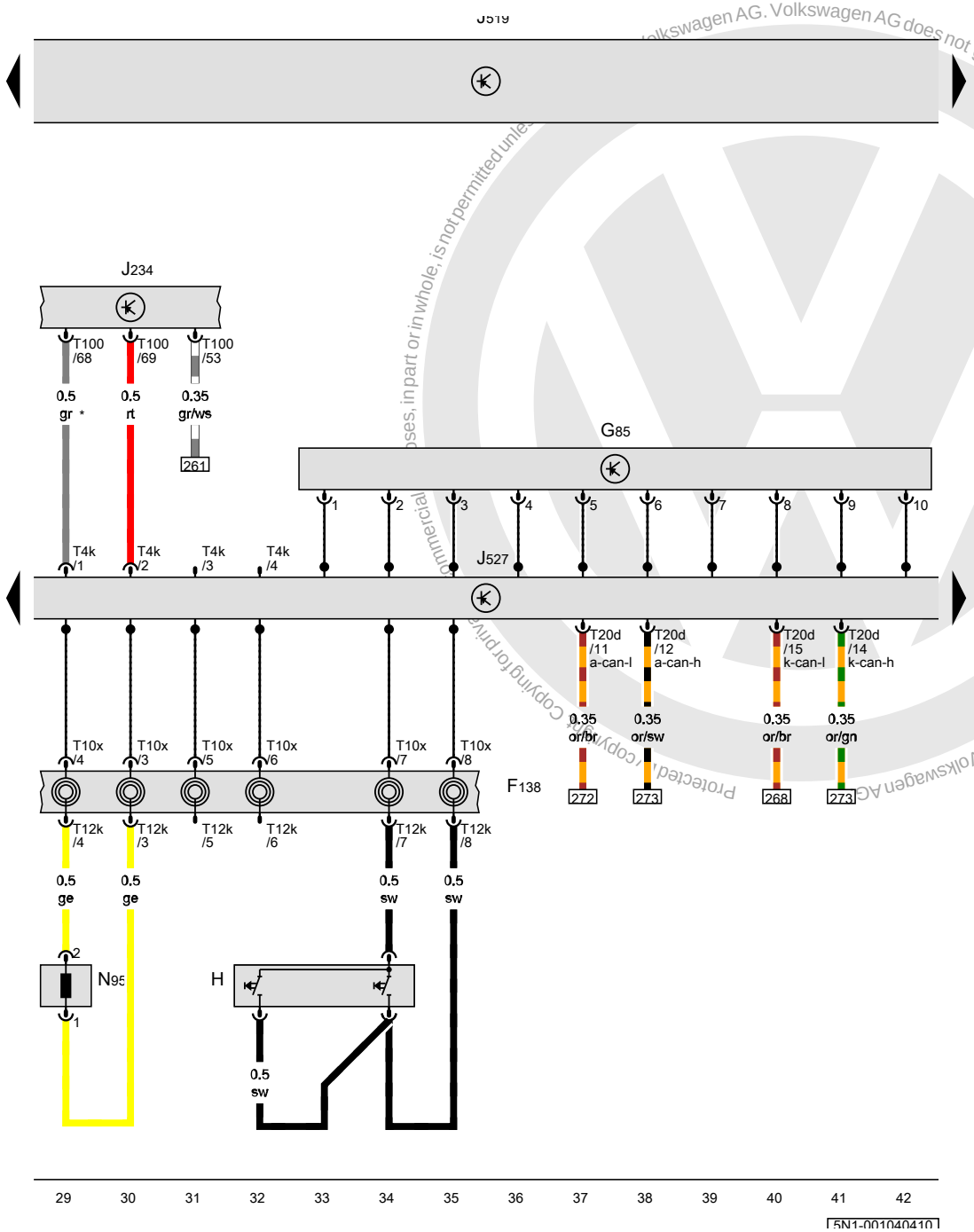


Ignition/starter switch, Onboard supply control unit, Steering column electronics control unit, Ignition key withdrawal lock solenoid

D	Ignition/starter switch
F319	Selector lever locked in position P switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
N376	Ignition key withdrawal lock solenoid
SB2	Fuse 2 on fuse holder B
SC24	Fuse 24 on fuse holder C
T6d	6-pin connector
T10s	10-pin connector
T12j	12-pin connector
T20d	20-pin connector
A1	Positive connection (30a), in dash panel wiring harness
*	Only models with automatic gearbox
*2	From May 2008
*3	Up to May 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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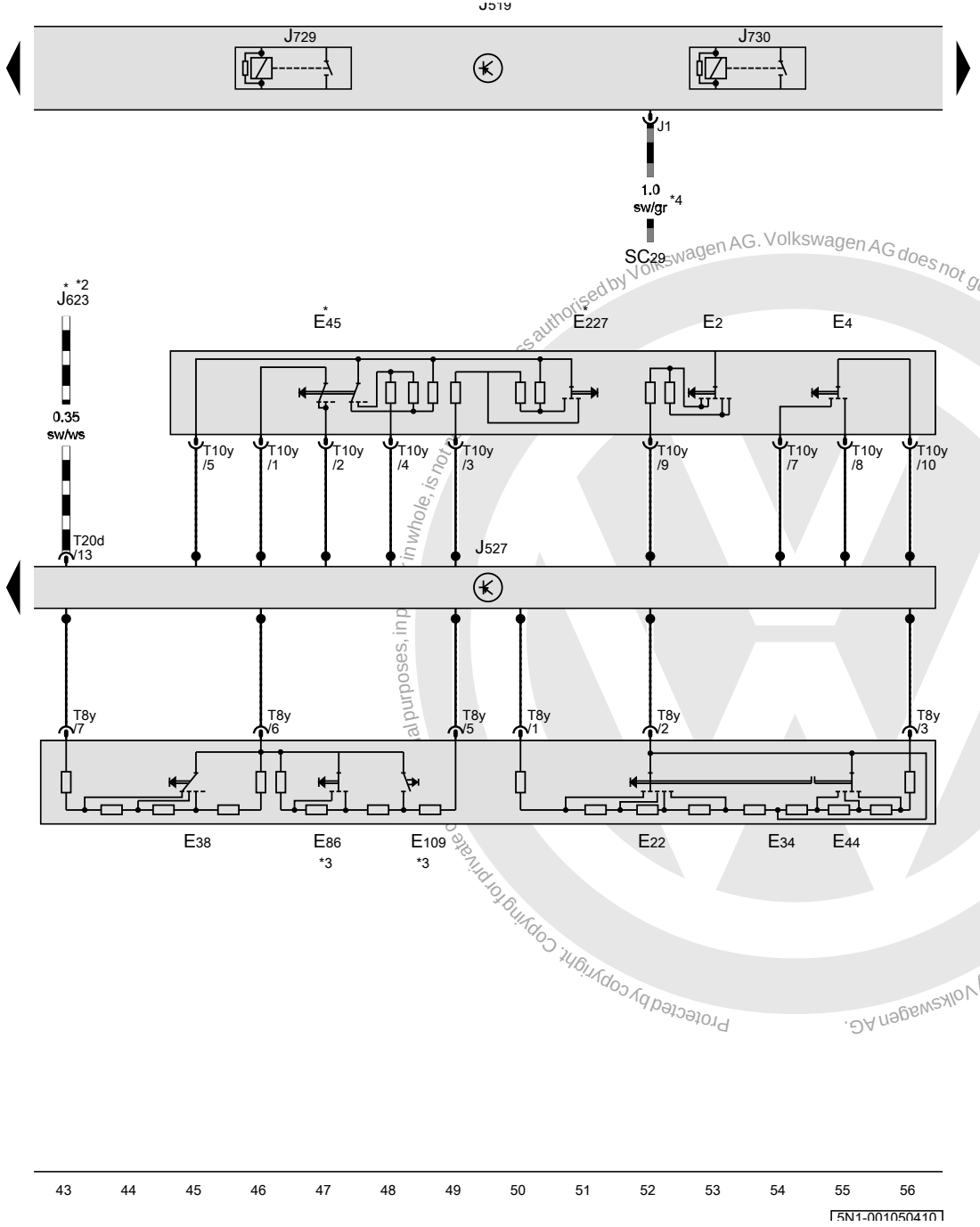


Airbag coil connector and return ring with slip ring, Steering angle sender, Horn plate, Airbag control unit, Onboard supply control unit, Steering column electronics control unit, Driver side airbag igniter

F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
T4k	4-pin connector
T10x	10-pin connector
T12k	12-pin connector
T20d	20-pin connector
T100	100-pin connector
*	From May 2008

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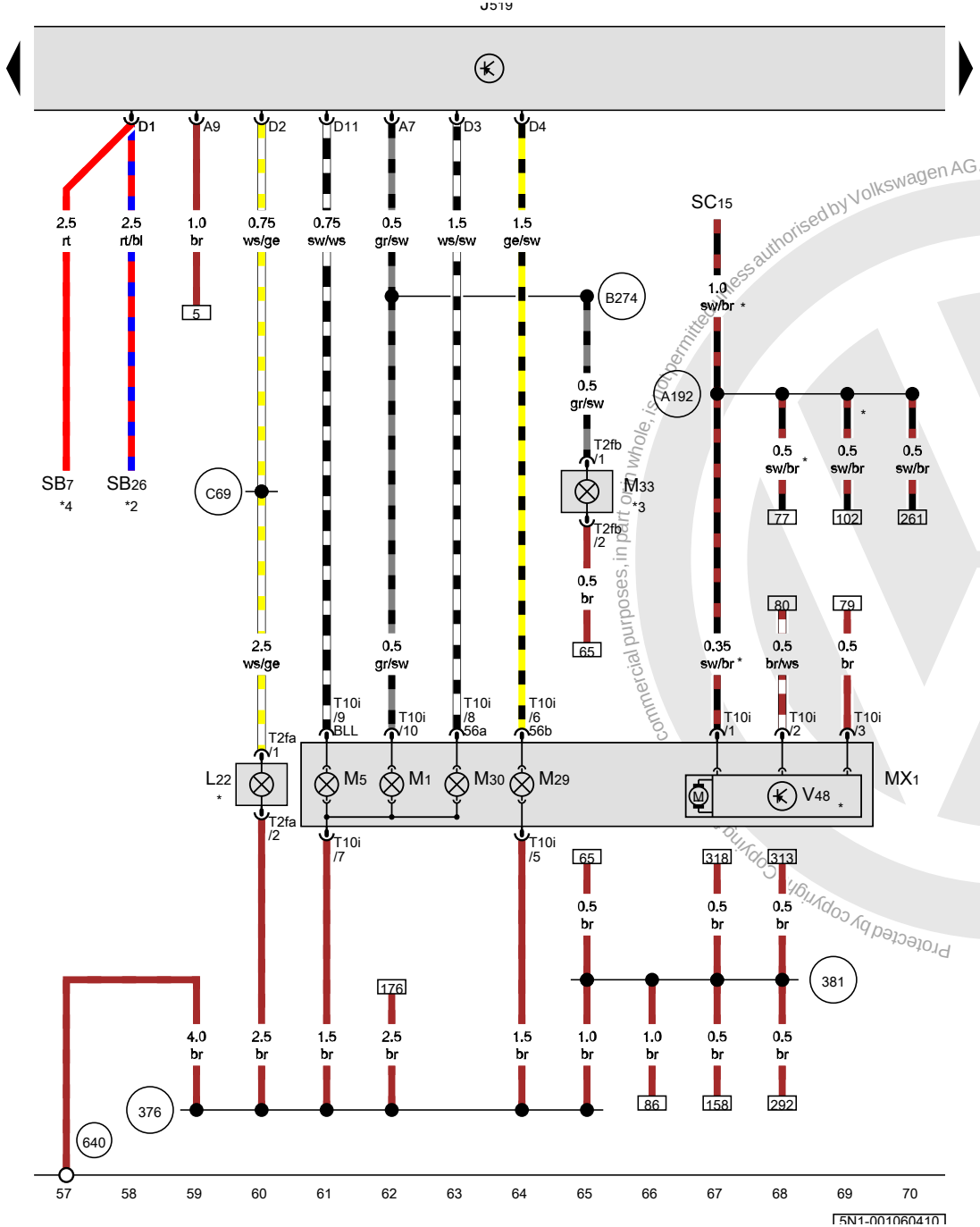


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rs = pink

Cruise control system (CCS) SET button, Onboard supply control unit, Steering column electronics control unit

E2	Turn signal switch
E4	Headlight dipper and flasher switch
E22	Intermittent wiper switch
E34	Rear wiper switch
E38	Intermittent wiper regulator
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E45	Cruise control system switch
E86	Multifunction display call-up button
E109	Multifunction display memory switch
E227	Cruise control system (CCS) SET button
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J729	Double washer pump relay 1
J730	Double washer pump relay 2
SC29	Fuse 29 on fuse holder C
T8y	8-pin connector
T10y	10-pin connector
T20d	20-pin connector
640	Earth point 2, left in engine compartment
*	Only models with cruise control system (CCS)
*2	see applicable current flow diagram for engine
*3	Only models with multifunction display
*4	According to equipment

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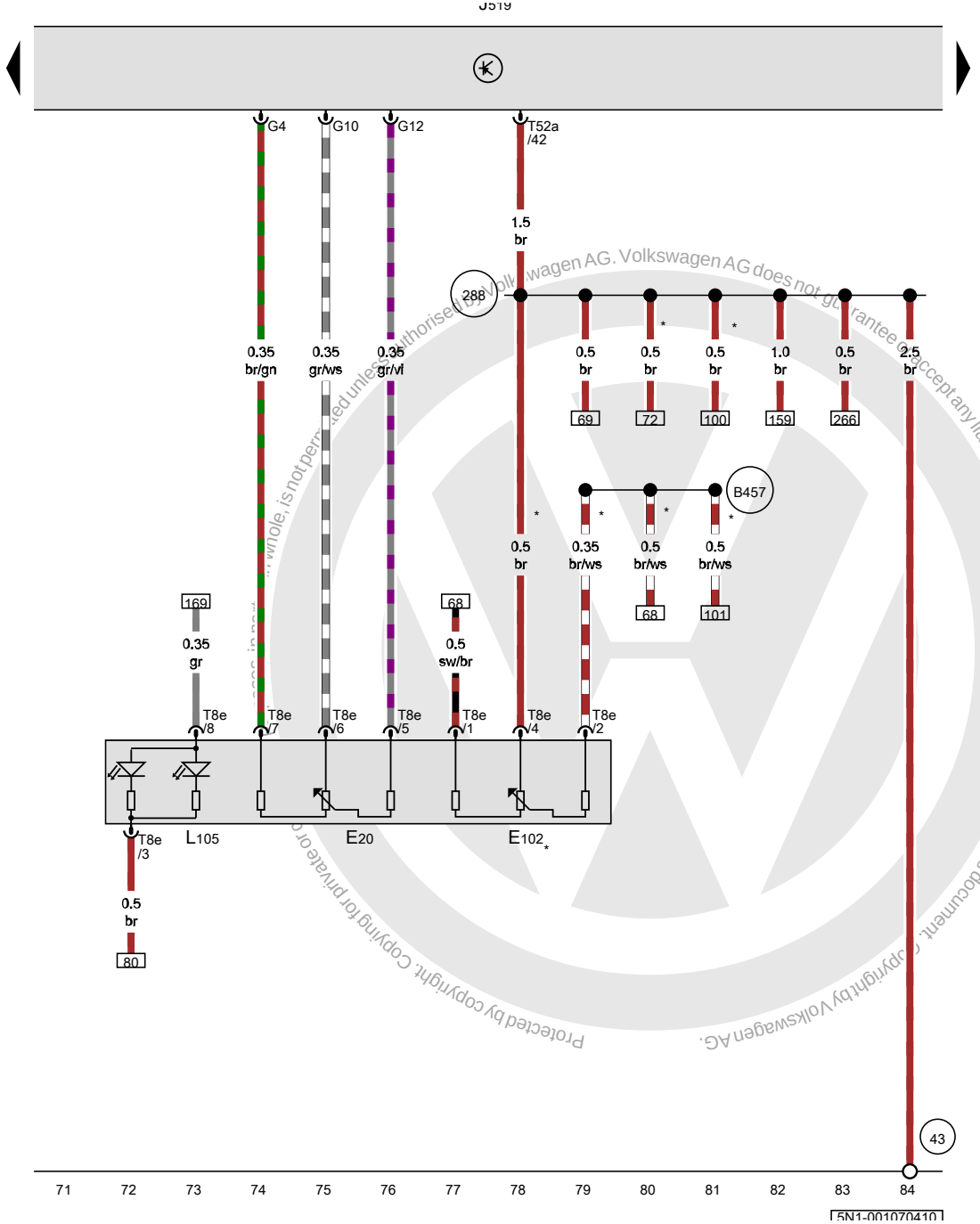


Onboard supply control unit, Left fog light bulb, Front left headlight

J519	Onboard supply control unit
L22	Left fog light bulb
M1	Left side light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
M33	Front left side marker bulb
SB7	Fuse 7 on fuse holder B
SC15	Fuse 15 on fuse holder C
SB26	Fuse 26 on fuse holder B
T2fa	2-pin connector
T2fb	2-pin connector
T10i	10-pin connector
V48	Left headlight range control motor
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
A192	Positive connection 3 (15a) in dash panel wiring harness
B274	Positive connection (58L), in main wiring harness
C69	Front left connection (fog light),, in main wiring harness
*	According to equipment
*2	From May 2008
*3	Only for American markets
*4	Up to May 2008

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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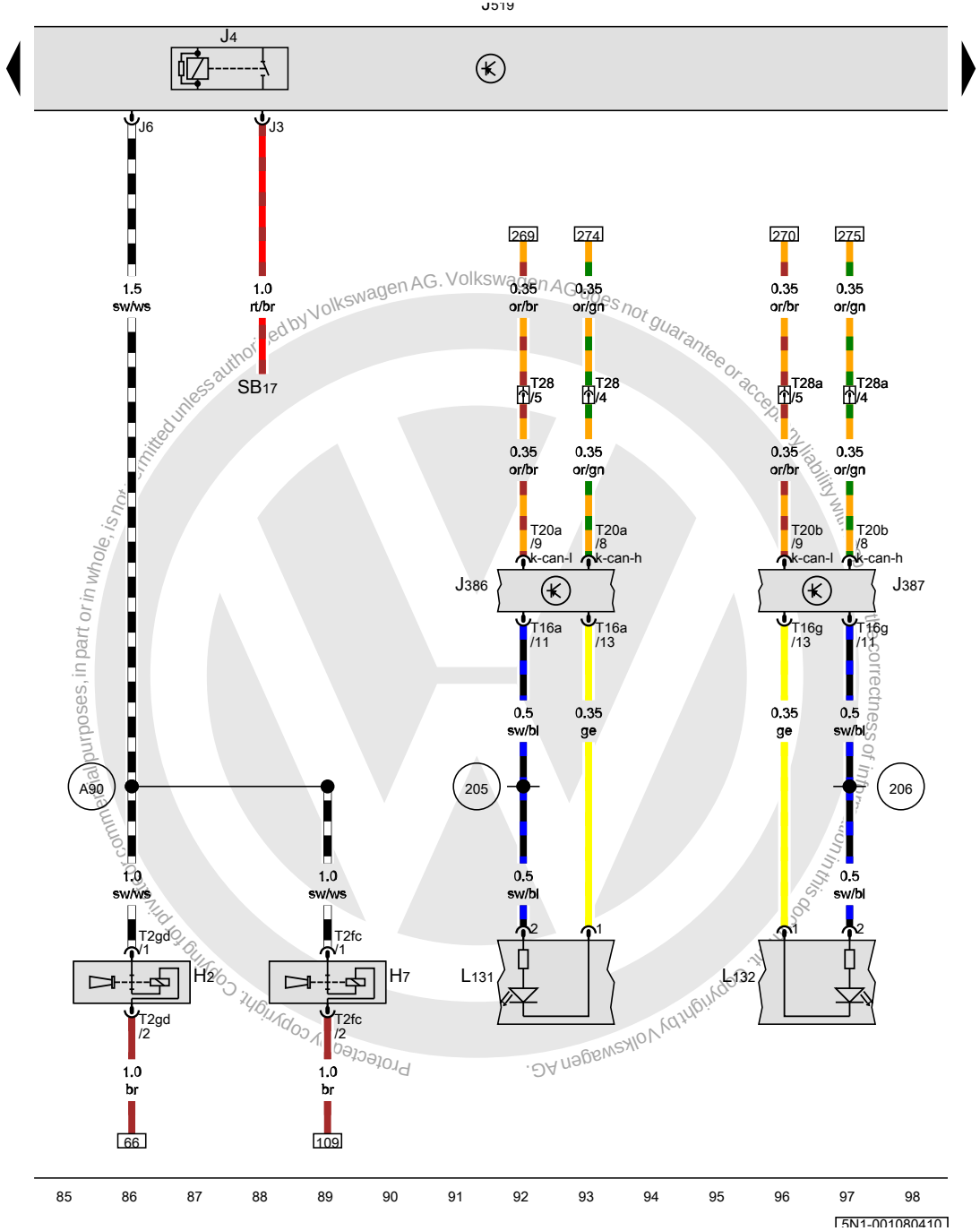


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Switch and instrument illumination regulator, Onboard supply control unit

E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
J519	Onboard supply control unit
L105	Illumination regulator illumination bulb
T8e	8-pin connector
T52a	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
B457	Connection 1 (potentiometer), in main wiring harness
*	According to equipment

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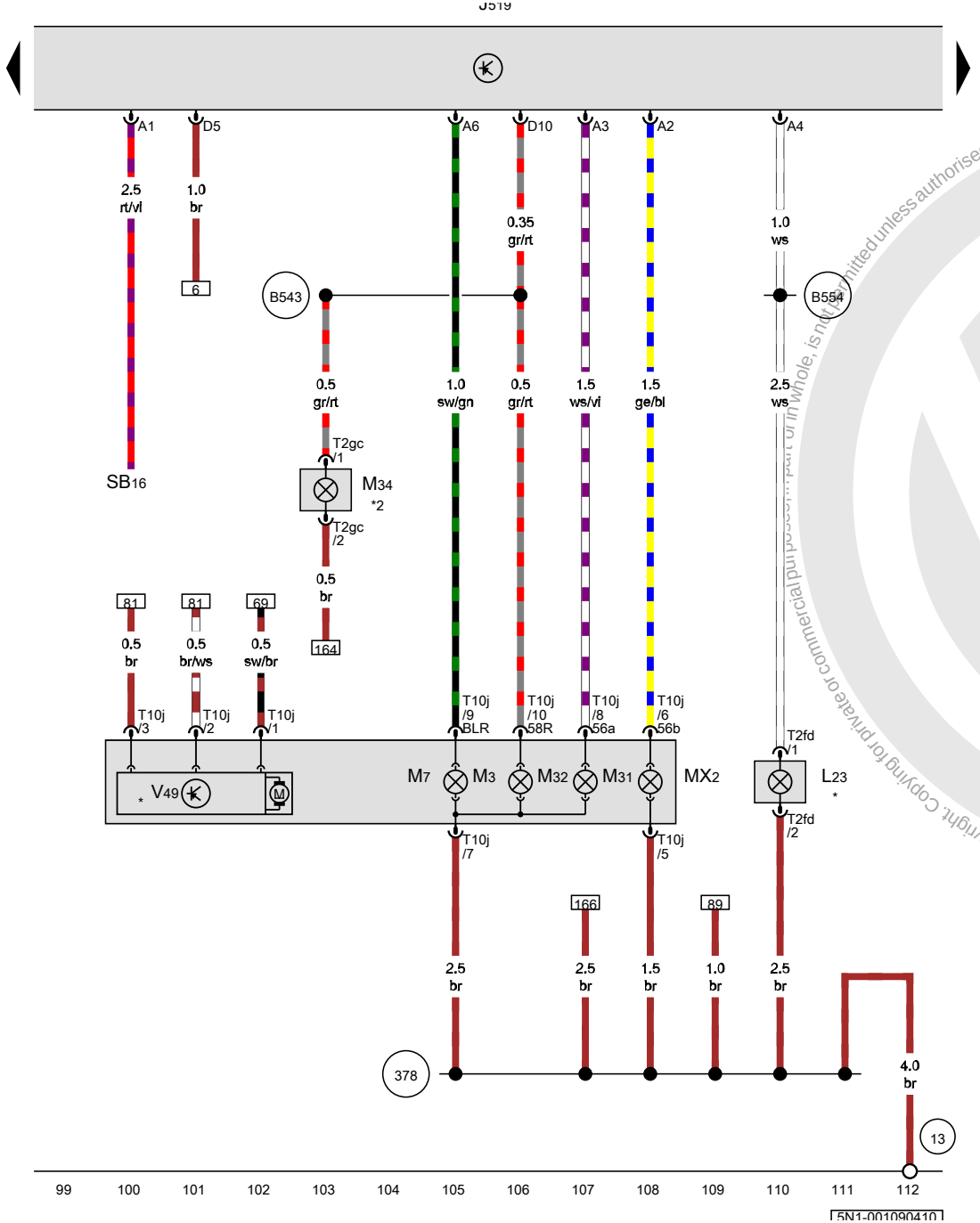


Driver door control unit, Front passenger door control unit, Onboard supply control unit, Driver side turn signal repeater bulb, Front passenger side turn signal repeater bulb

H2	Treble horn
H7	Bass horn
J4	Dual tone horn relay
J386	Driver door control unit
J387	Front passenger door control unit
J519	Onboard supply control unit
L131	Driver side turn signal repeater bulb
L132	Front passenger side turn signal repeater bulb
SB17	Fuse 17 on fuse holder B
T2fc	2-pin connector
T2gd	2-pin connector
T16a	16-pin connector
T16g	16-pin connector
T20a	20-pin connector
T20b	20-pin connector
T28	28-pin connector
T28a	28-pin connector
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
A90	Connection (dual tone horn), in dash panel wiring harness

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ro	=	red
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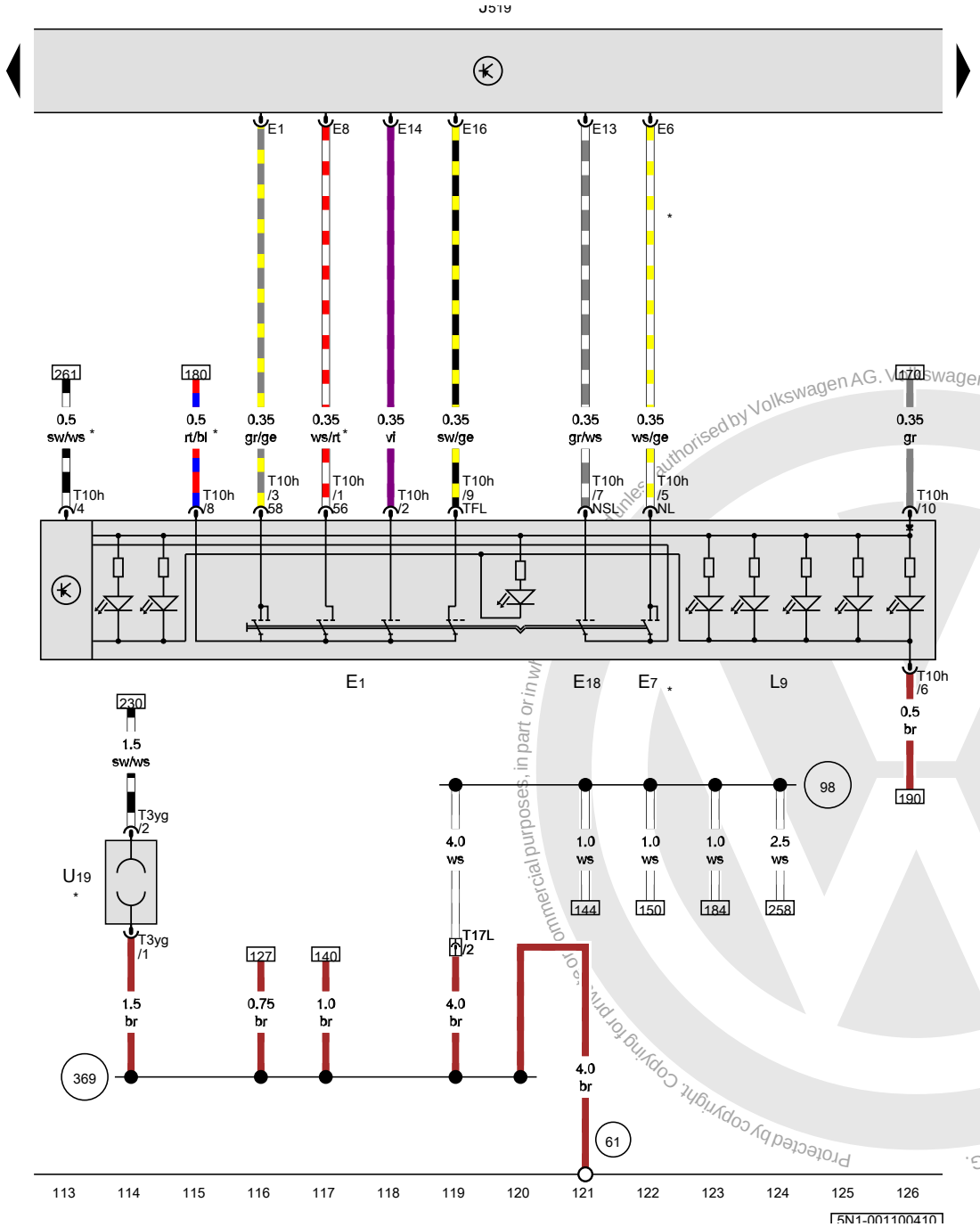


Onboard supply control unit, Right fog light bulb, Front right headlight

J519	Onboard supply control unit
L23	Right fog light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
M34	Front right side marker bulb
SB16	Fuse 16 on fuse holder B
T2fd	2-pin connector
T2gc	2-pin connector
T10j	10-pin connector
V49	Right headlight range control motor
13	Earth point, on right in engine compartment
378	Earth connection 13, in main wiring harness
B543	Positive connection (58R), in main wiring harness
B554	Connection (fog light), in main wiring harness
*	According to equipment
*2	Only for American markets

ws	=	white
sw	=	black
ro	=	red
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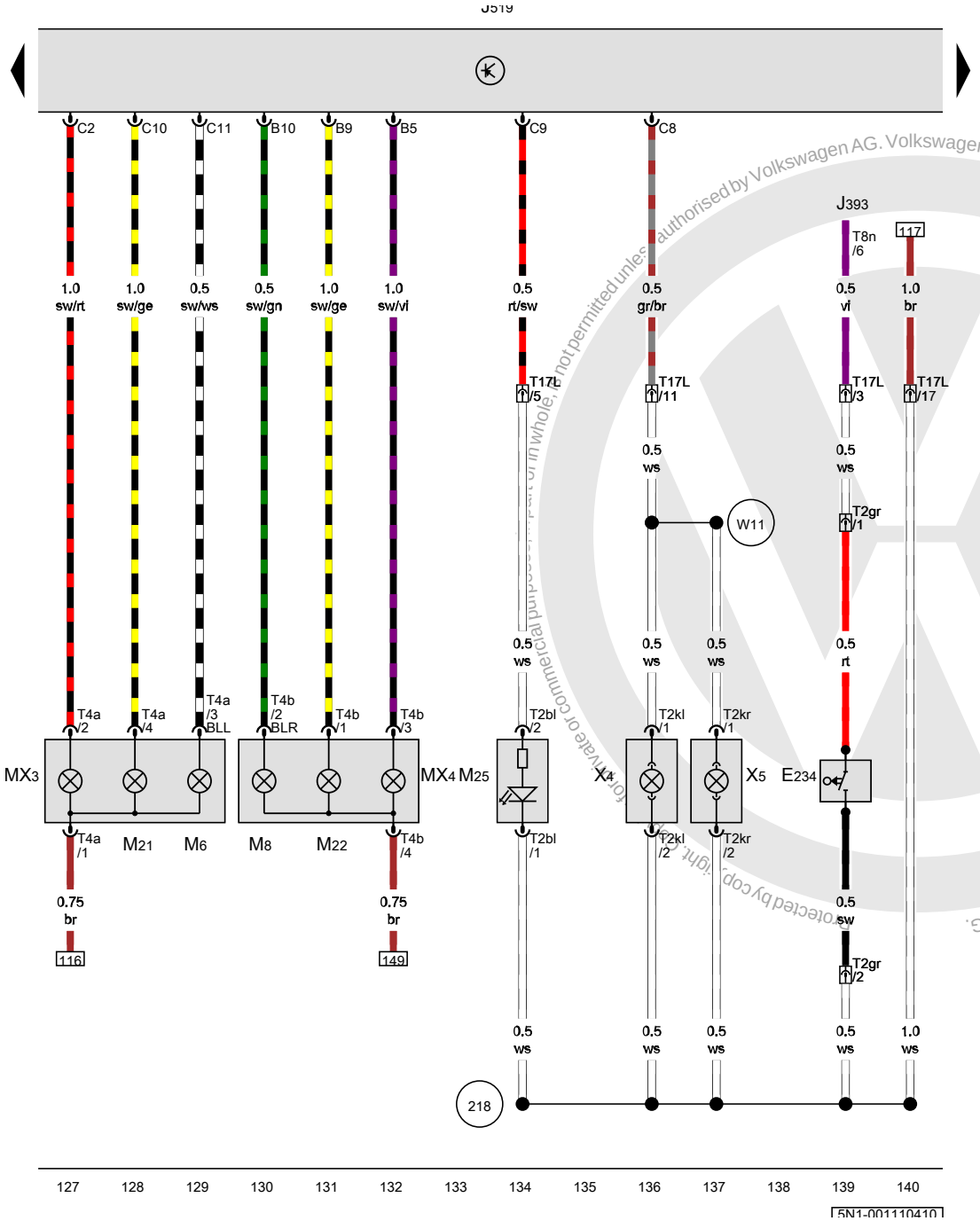


Light switch, Onboard supply control unit, 12 V socket 3

E1	Light switch
E7	Fog light switch
E18	Rear fog light switch
J519	Onboard supply control unit
L9	Light switch illumination bulb
T3yg	3-pin connector
T10h	10-pin connector
T17L	17-pin connector
U19	12 V socket 3
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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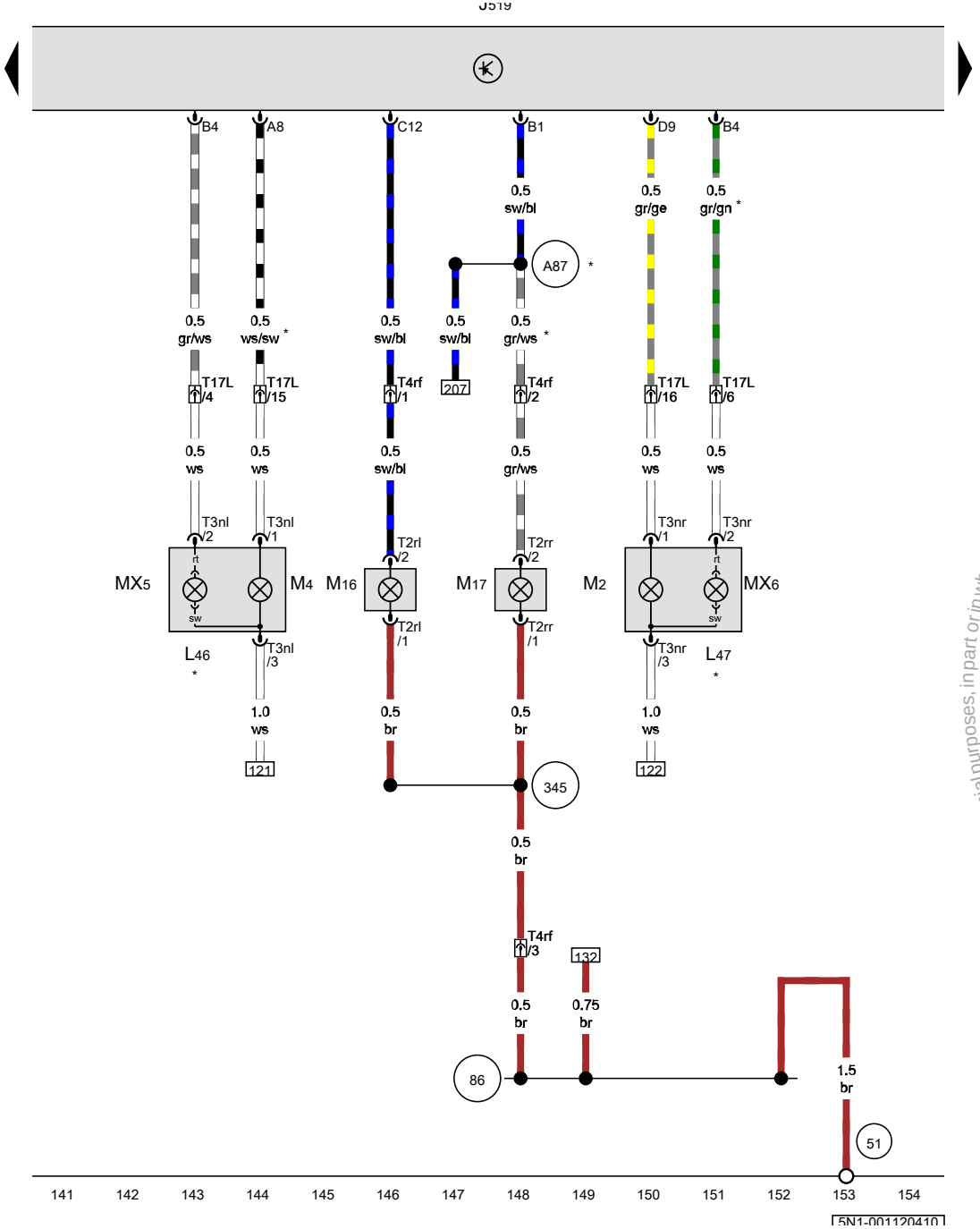


Onboard supply control unit, Left tail light, Right tail light, Additional brake light bulb, Left number plate light, Right number plate light

E234	Rear lid handle release button
J393	Convenience system central control unit
J519	Onboard supply control unit
MX3	Left tail light
MX4	Right tail light
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	Additional brake light bulb
T2bl	2-pin connector
T2gr	2-pin connector
T2kl	2-pin connector
T2kr	2-pin connector
T4a	4-pin connector
T4b	4-pin connector
T8n	8-pin connector
T17L	17-pin connector
X4	Left number plate light
X5	Right number plate light
218	Earth connection 1, in rear lid wiring harness
W11	Connection (58), in rear lid wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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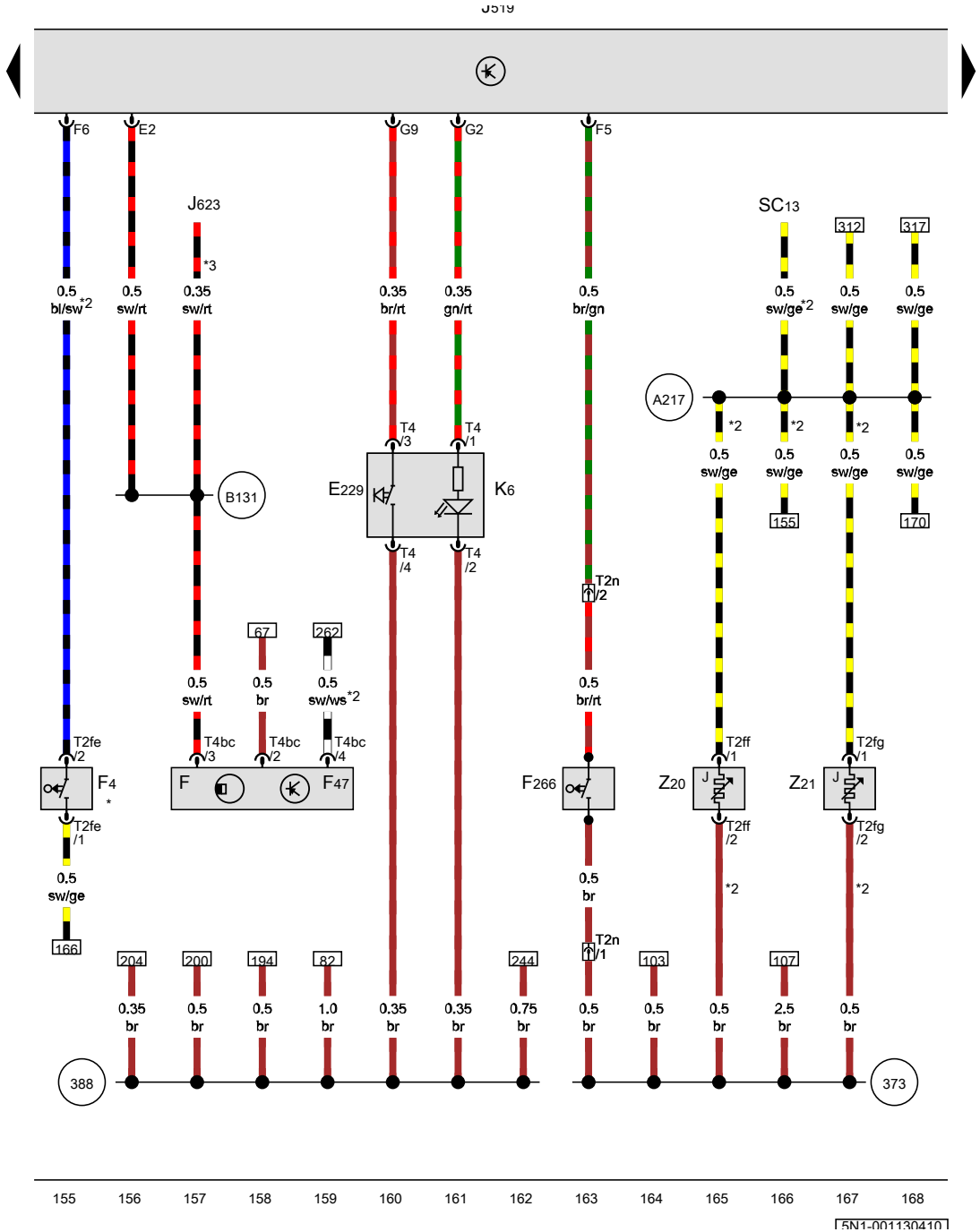


Onboard supply control unit, Left tail light 2, Right tail light 2, Left reversing light bulb, Right reversing light bulb

J519	Onboard supply control unit
L46	Rear left fog light bulb
L47	Rear right fog light bulb
M2	Right tail light bulb
M4	Left tail light bulb
MX5	Left tail light 2
MX6	Right tail light 2
M16	Left reversing light bulb
M17	Right reversing light bulb
T2rl	2-pin connector
T2rr	2-pin connector
T3nl	3-pin connector
T3nr	3-pin connector
T4rf	4-pin connector
T17L	17-pin connector
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
345	Earth connection, in bumper wiring harness
A87	Connection (RL), in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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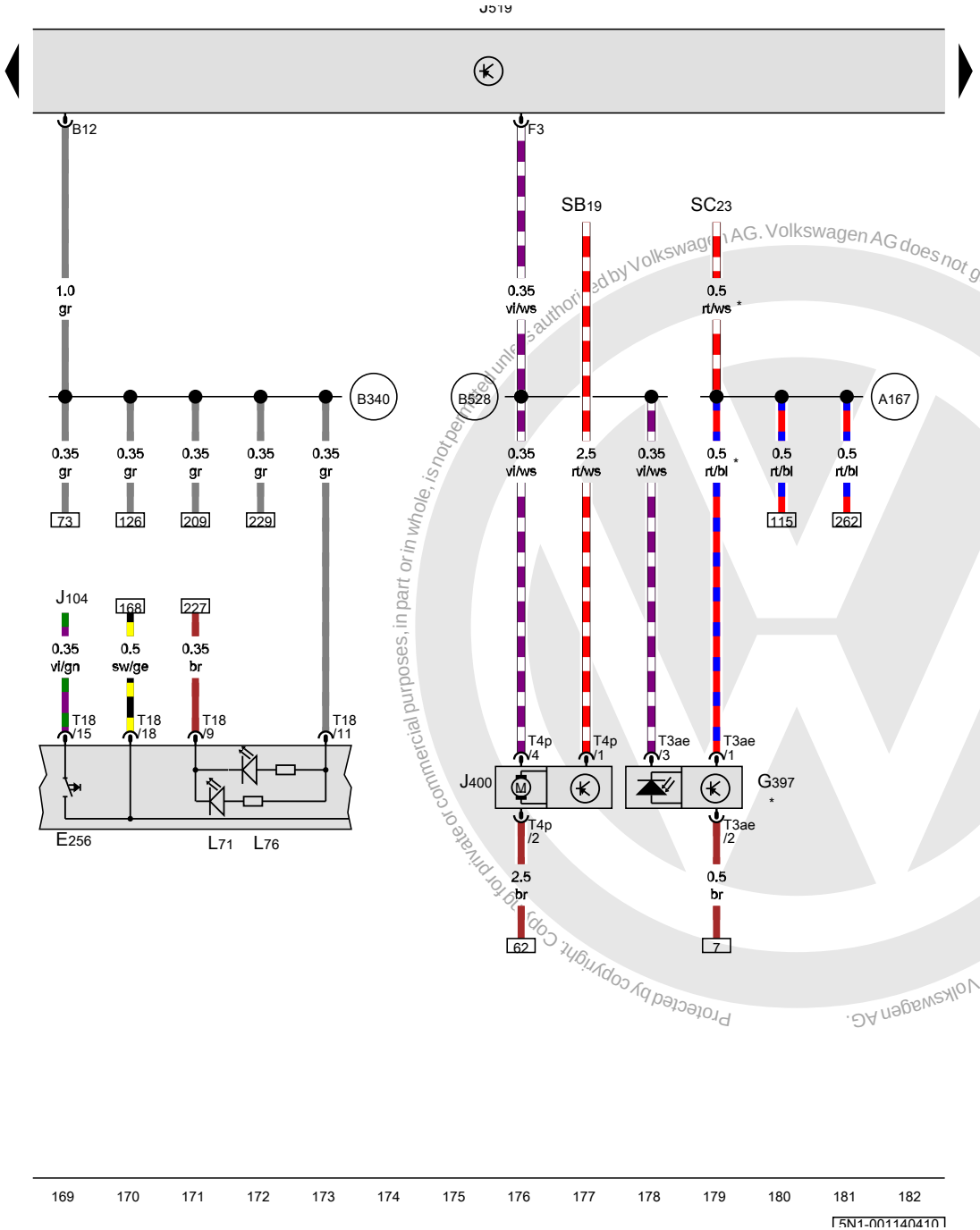


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Hazard warning lights button, Brake light switch, Reversing light switch, Bonnet contact switch, Onboard supply control unit, Left washer jet heater element, Right washer jet heater element

E229	Hazard warning lights button
F	Brake light switch
F4	Reversing light switch
F47	Brake pedal switch
F266	Bonnet contact switch
J519	Onboard supply control unit
J623	Engine control unit
K6	Indicator lamp for hazard warning light
SC13	Fuse 13 on fuse holder C
T2fe	2-pin connector
T2ff	2-pin connector
T2fg	2-pin connector
T2n	2-pin connector
T4	4-pin connector
T4bc	4-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
373	Earth connection 8, in main wiring harness
388	Earth connection 23, in main wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B131	Connection (54), in interior wiring harness
*	Only models with automatic gearbox
*2	According to equipment
*3	see applicable current flow diagram for engine

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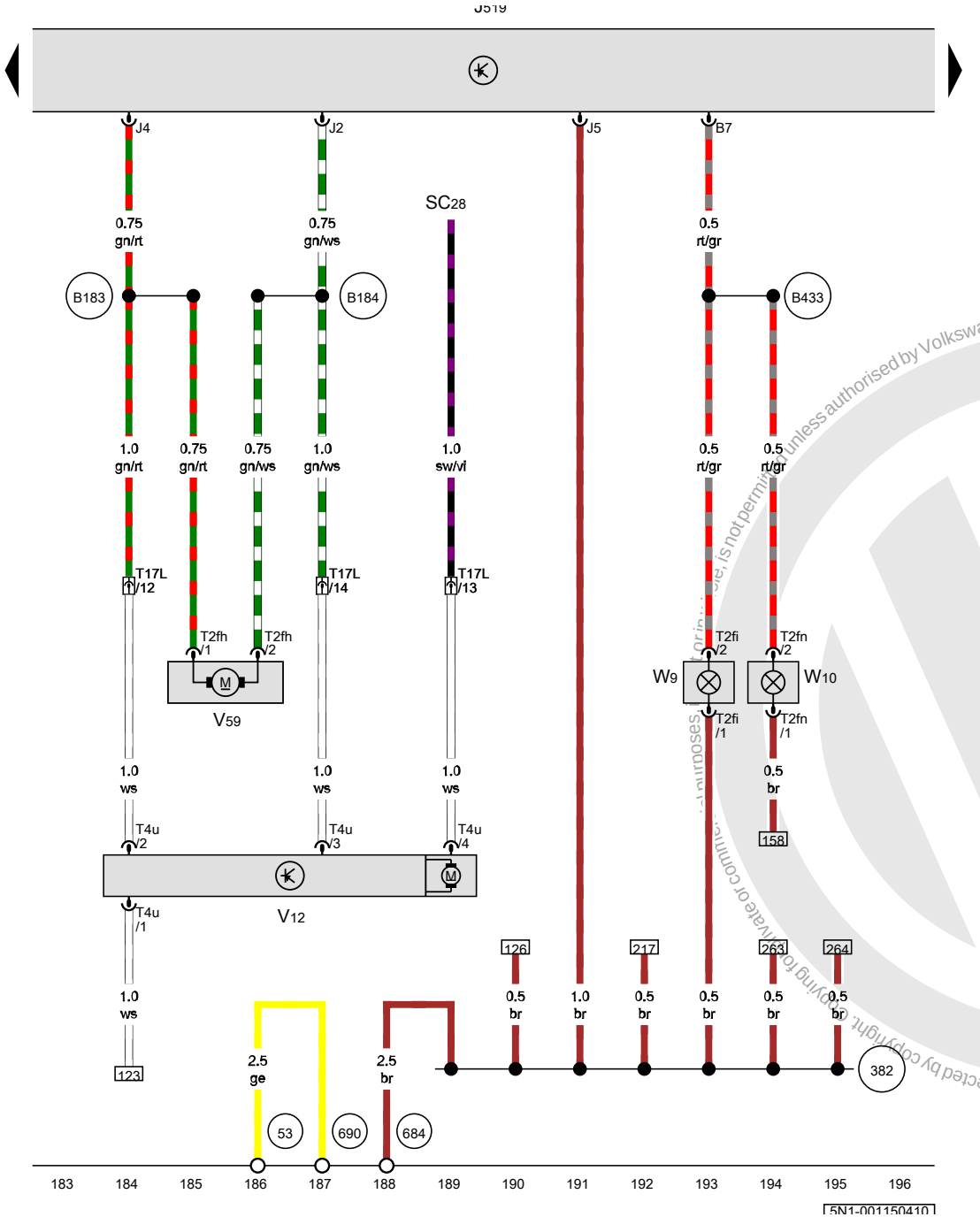


TCS and ESP button, Rain and light sensor, Wiper motor control unit, Onboard supply control unit

E256	TCS and ESP button
G397	Rain and light sensor
J104	ABS control unit
J400	Wiper motor control unit
J519	Onboard supply control unit
L71	Traction control switch illumination bulb
L76	Button illumination bulb
SB19	Fuse 19 on fuse holder B
SC23	Fuse 23 on fuse holder C
T3ae	3-pin connector
T4p	4-pin connector
T18	18-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
B340	Connection 1 (58d), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
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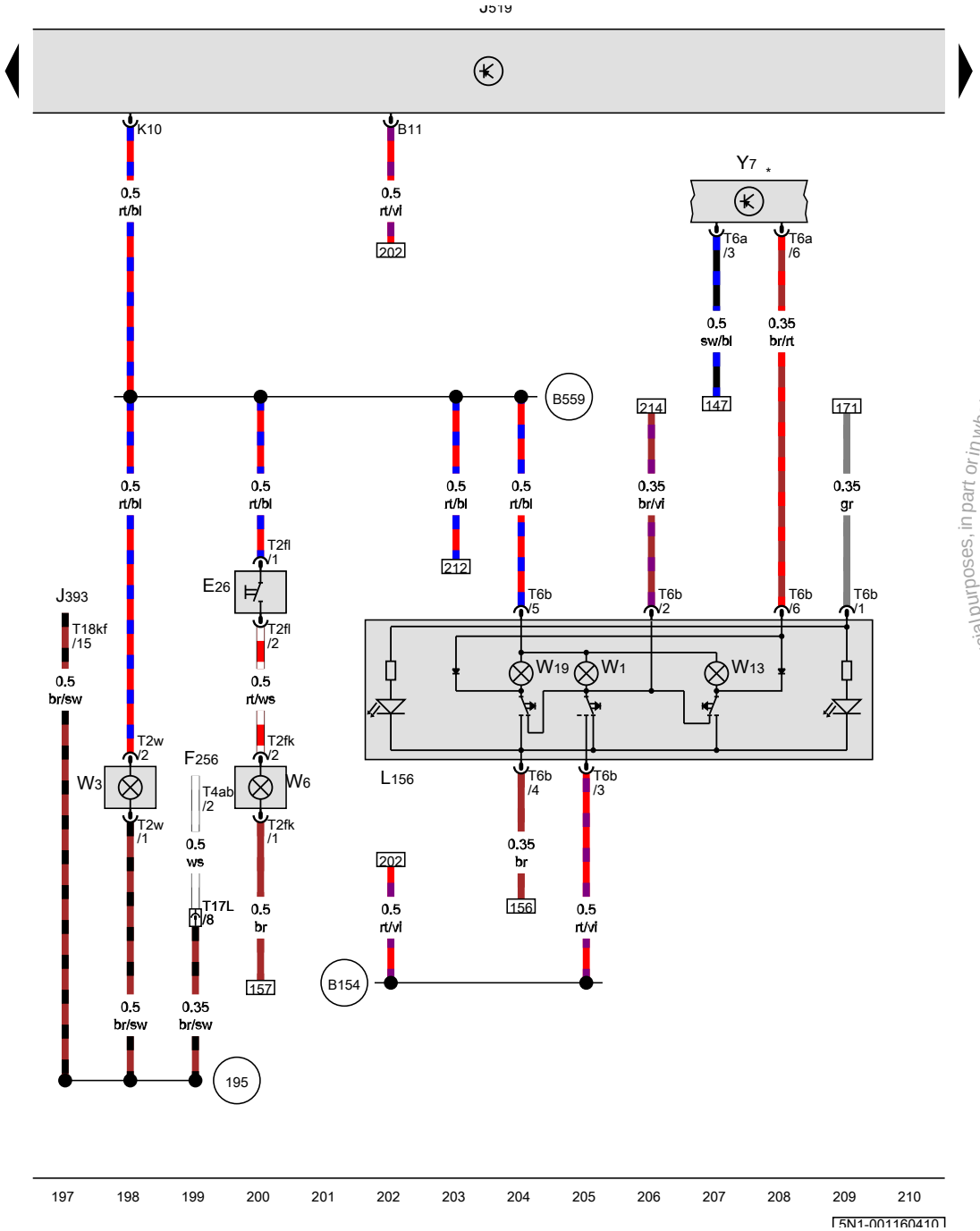


Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump, Left footwell light, Right footwell light

J519	Onboard supply control unit
SC28	Fuse 28 on fuse holder C
T2fh	2-pin connector
T2fi	2-pin connector
T2fn	2-pin connector
T4u	4-pin connector
T17L	17-pin connector
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
W9	Left footwell light
W10	Right footwell light
53	Earth point, on right in rear lid
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
690	Earth point, rear centre roof frame
B183	Connection 1 (washer pump), in interior wiring harness
B184	Connection 2 (washer pump), in interior wiring harness
B433	Connection (footwell light), in main wiring harness

ws	=	white
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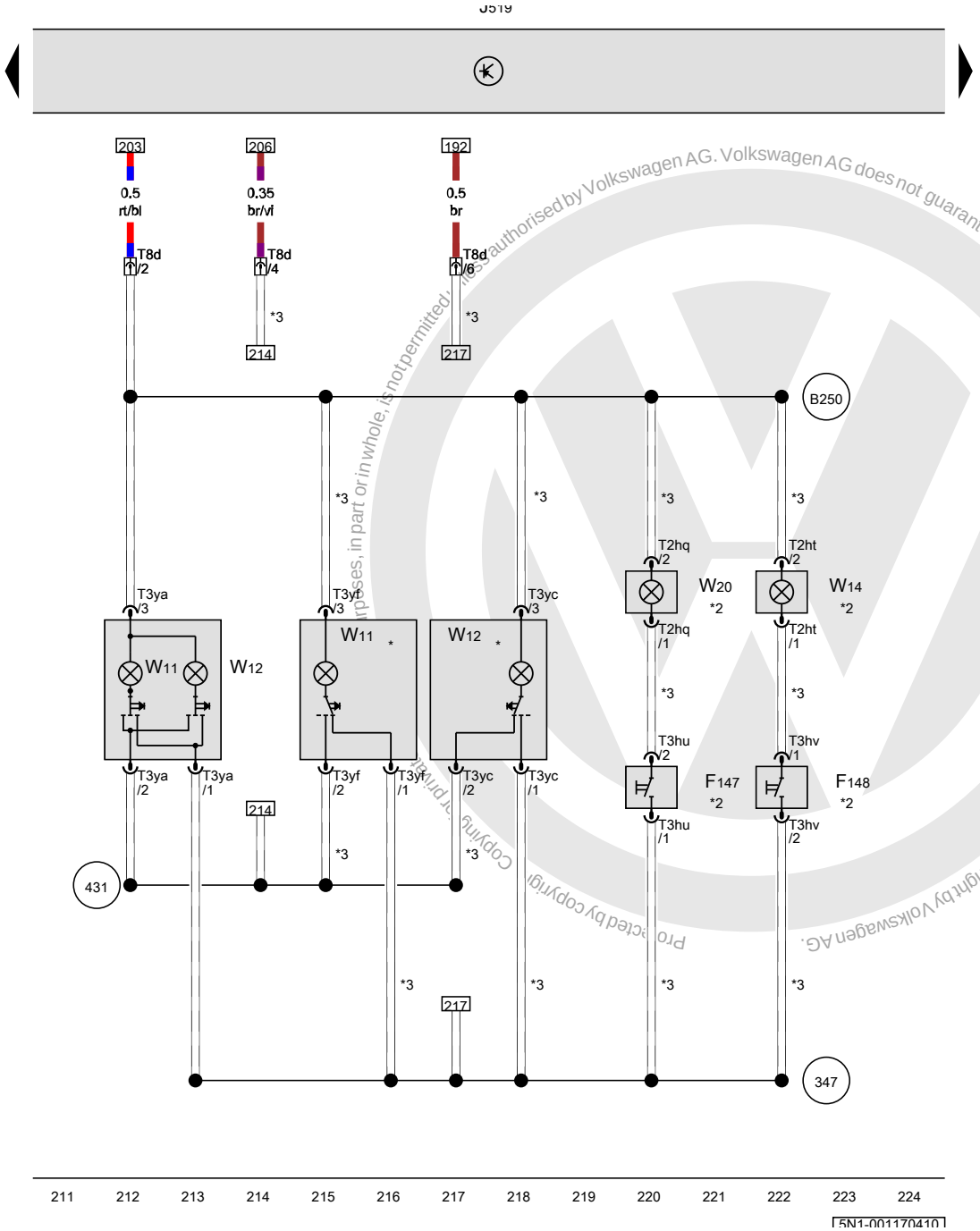


Onboard supply control unit, Front interior light, Luggage compartment light, Glove compartment light, Automatic anti-dazzle interior mirror

E26	Glove compartment light switch
F256	Rear lid lock unit
J393	Convenience system central control unit
J519	Onboard supply control unit
L156	Switch illumination bulb
T2fk	2-pin connector
T2fl	2-pin connector
T2w	2-pin connector
T4ab	4-pin connector
T6a	6-pin connector
T6b	6-pin connector
T17L	17-pin connector
T18kf	18-pin connector
W1	Front interior light
W3	Luggage compartment light
W6	Glove compartment light
W13	Front passenger reading light
W19	Driver side reading light
Y7	Automatic anti-dazzle interior mirror
195	Earth connection, in rear door switch wiring harness
B154	Connection 1 (DCt), in interior wiring harness
B559	Positive connection 1 (30g) in main wiring harness
*	According to equipment

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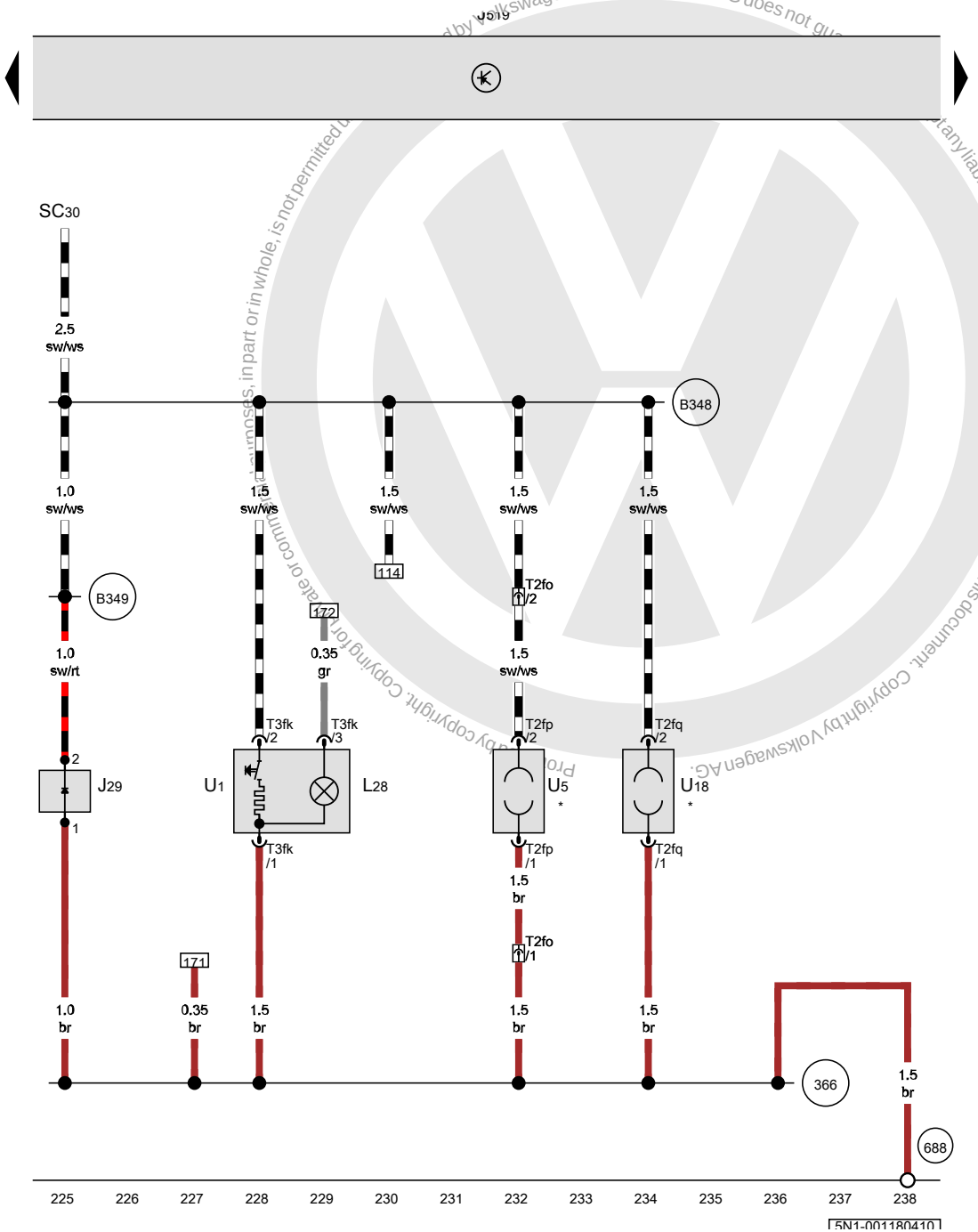


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Onboard supply control unit, Rear left reading light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
J519	Onboard supply control unit
T2hq	2-pin connector
T2ht	2-pin connector
T3hu	3-pin connector
T3hv	3-pin connector
T3ya	3-pin connector
T3yc	3-pin connector
T3yf	3-pin connector
T8d	8-pin connector
W11	Rear left reading light
W12	Rear right reading light
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
347	Earth connection, in roof wiring harness
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
*	Only models with sliding/tilting sunroof
*2	According to equipment
*3	Flat conductor

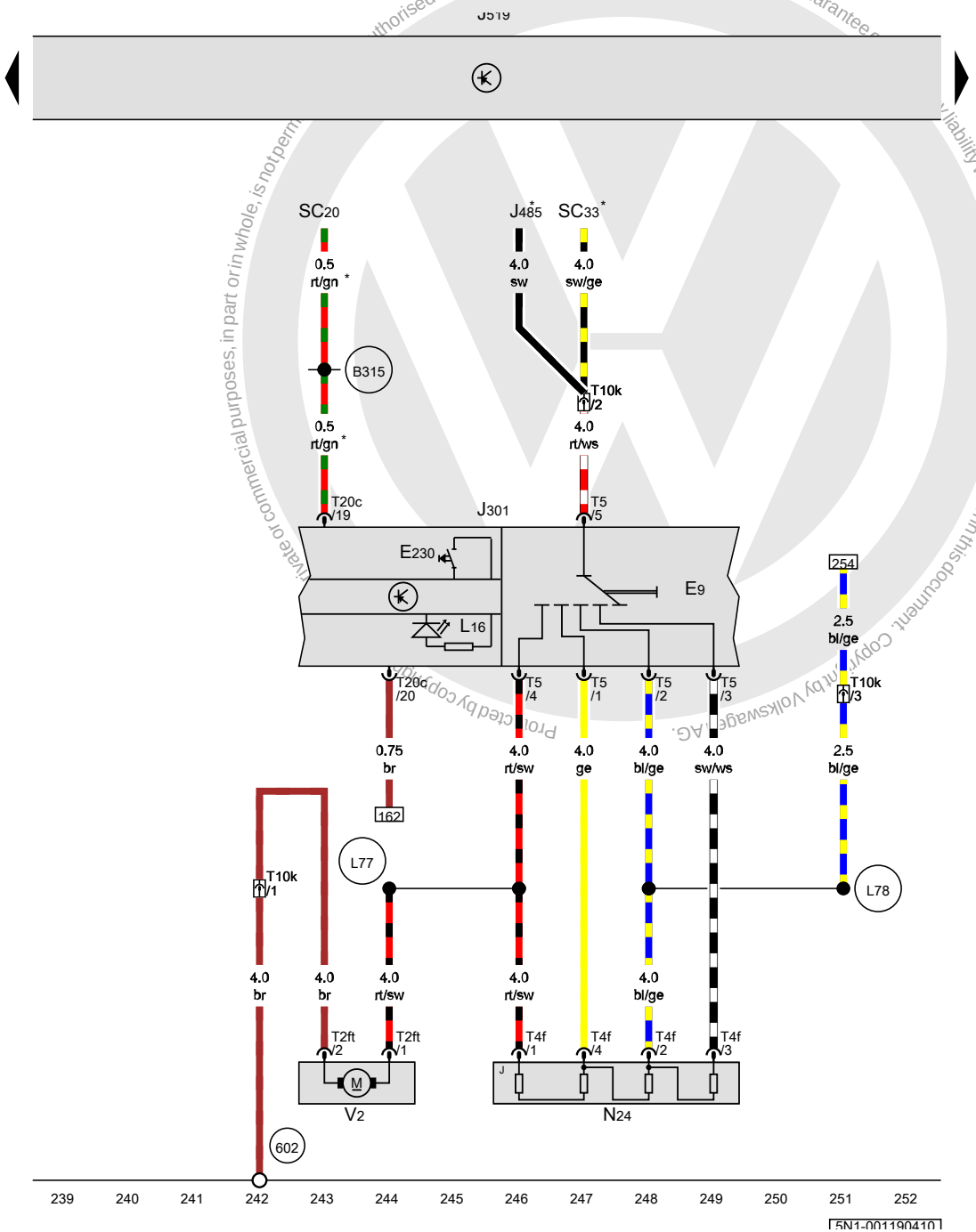


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Cigarette lighter, 12 V socket, 12 V socket 2

J29	Blocking diode
J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
SC30	Fuse 30 on fuse holder C
T2fo	2-pin connector
T2fp	2-pin connector
T2fq	2-pin connector
T3fk	3-pin connector
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B348	Connection 1 (75a), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
*	According to equipment
*2	Flat conductor

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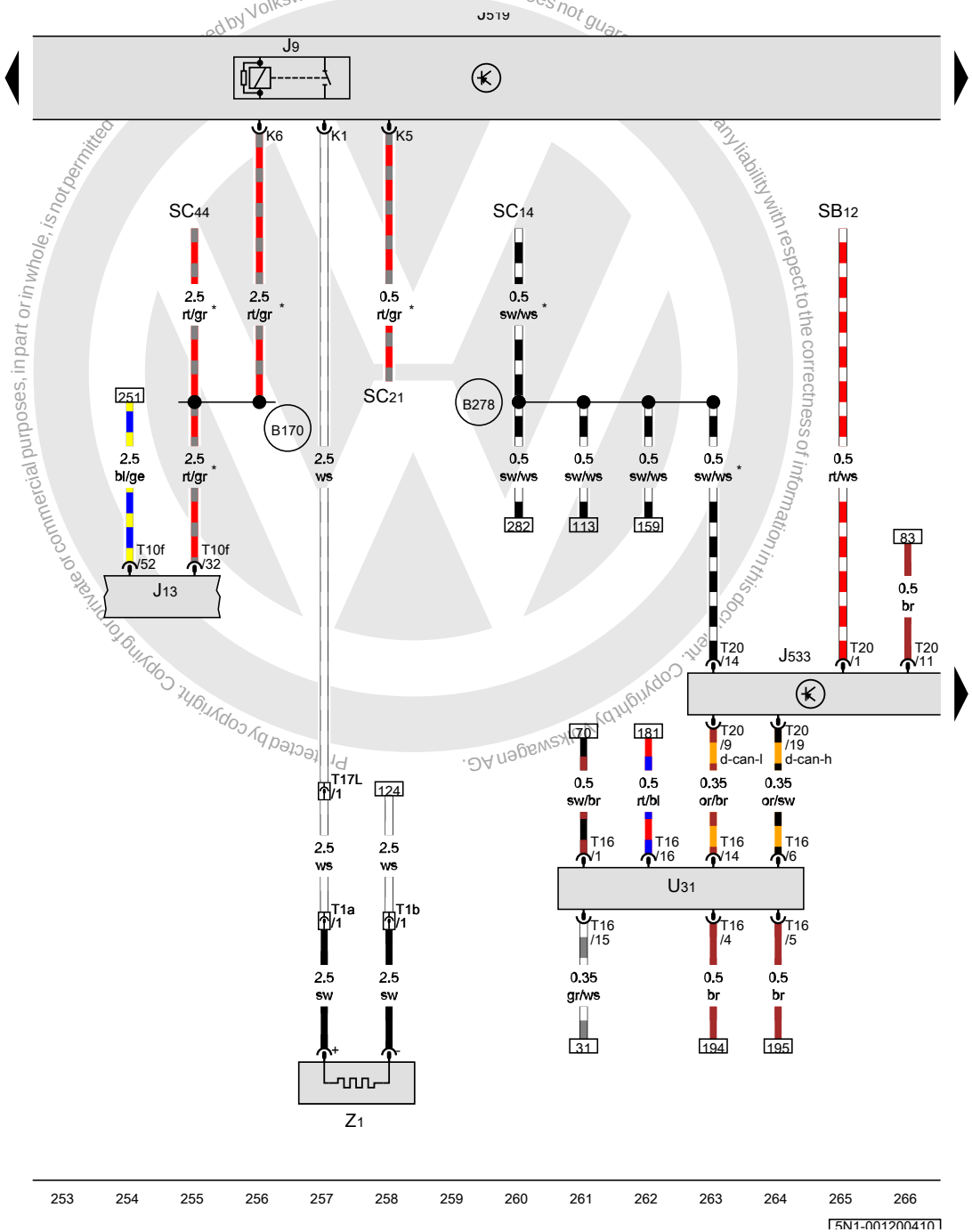


ws = white
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Fresh air blower switch, Heated rear window button, Air conditioning system control unit, Onboard supply control unit, Fresh air regulator illumination bulb

E9	Fresh air blower switch
E230	Heated rear window button
J301	Air conditioning system control unit
J485	Auxiliary heater operation relay
J519	Onboard supply control unit
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
SC20	Fuse 20 on fuse holder C
SC33	Fuse 33 on fuse holder C
T2ft	2-pin connector
T4f	4-pin connector
T5	5-pin connector
T10k	10-pin connector
T20c	20-pin connector
V2	Fresh air blower
602	Earth point, in front left footwell
B315	Positive connection 1 (30a) in main wiring harness
L77	Connection, in fresh air blower wiring harness
L78	Connection 1, in fresh air blower wiring harness
*	According to equipment

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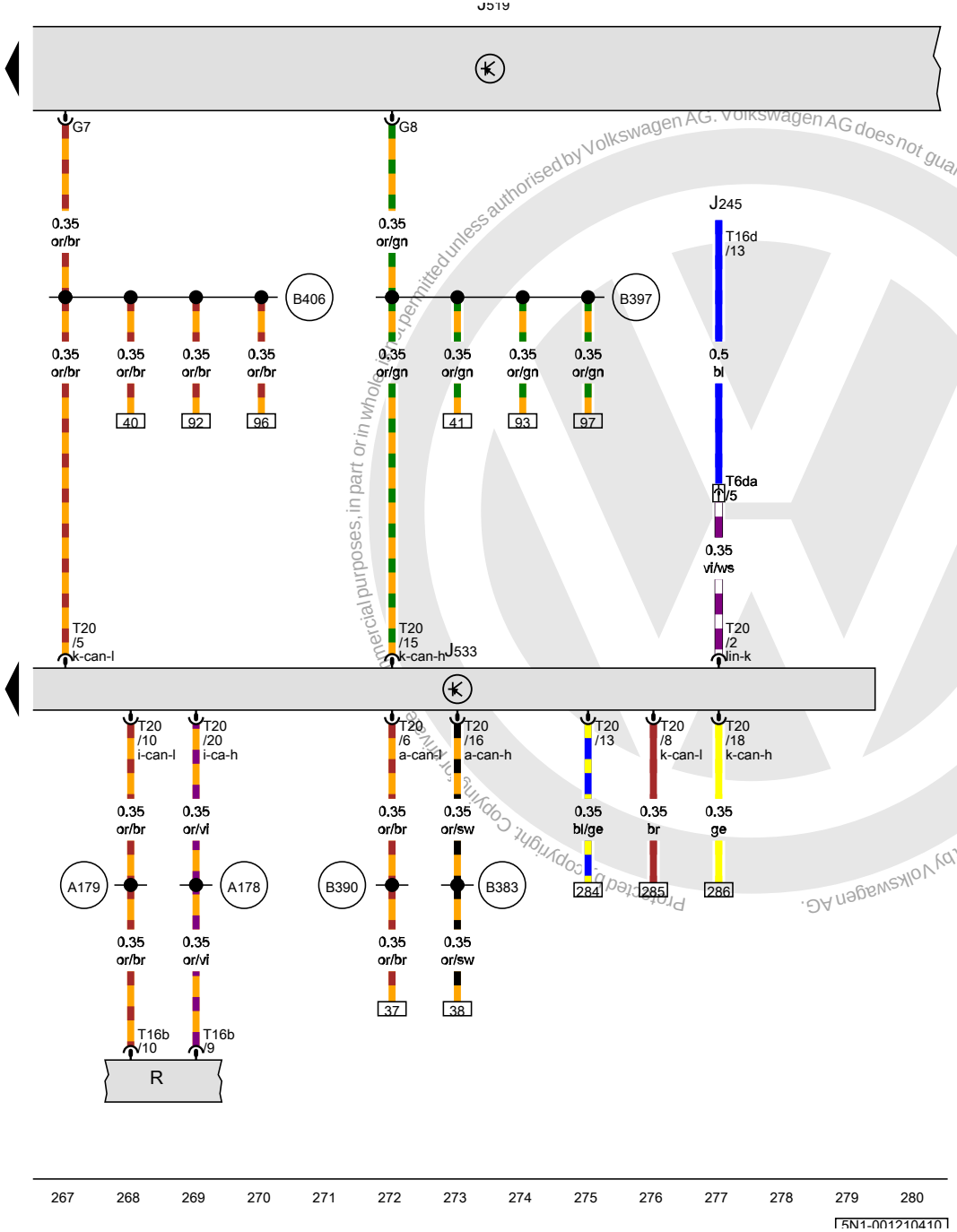


Onboard supply control unit, Data bus diagnostic interface, Diagnostic connection, Heated rear window

J9	Heated rear window relay
J13	Fresh air blower relay
J519	Onboard supply control unit
J533	Data bus diagnostic interface
SB12	Fuse 12 on fuse holder B
SC14	Fuse 14 on fuse holder C
SC21	Fuse 21 on fuse holder C
SC44	Fuse 44 on fuse holder C
T1a	Single connector
T1b	Single connector
T10f	10-pin connector
T16	16-pin connector
T17L	17-pin connector
T20	20-pin connector
U31	Diagnostic connection
Z1	Heated rear window
B170	Positive connection 2 (30), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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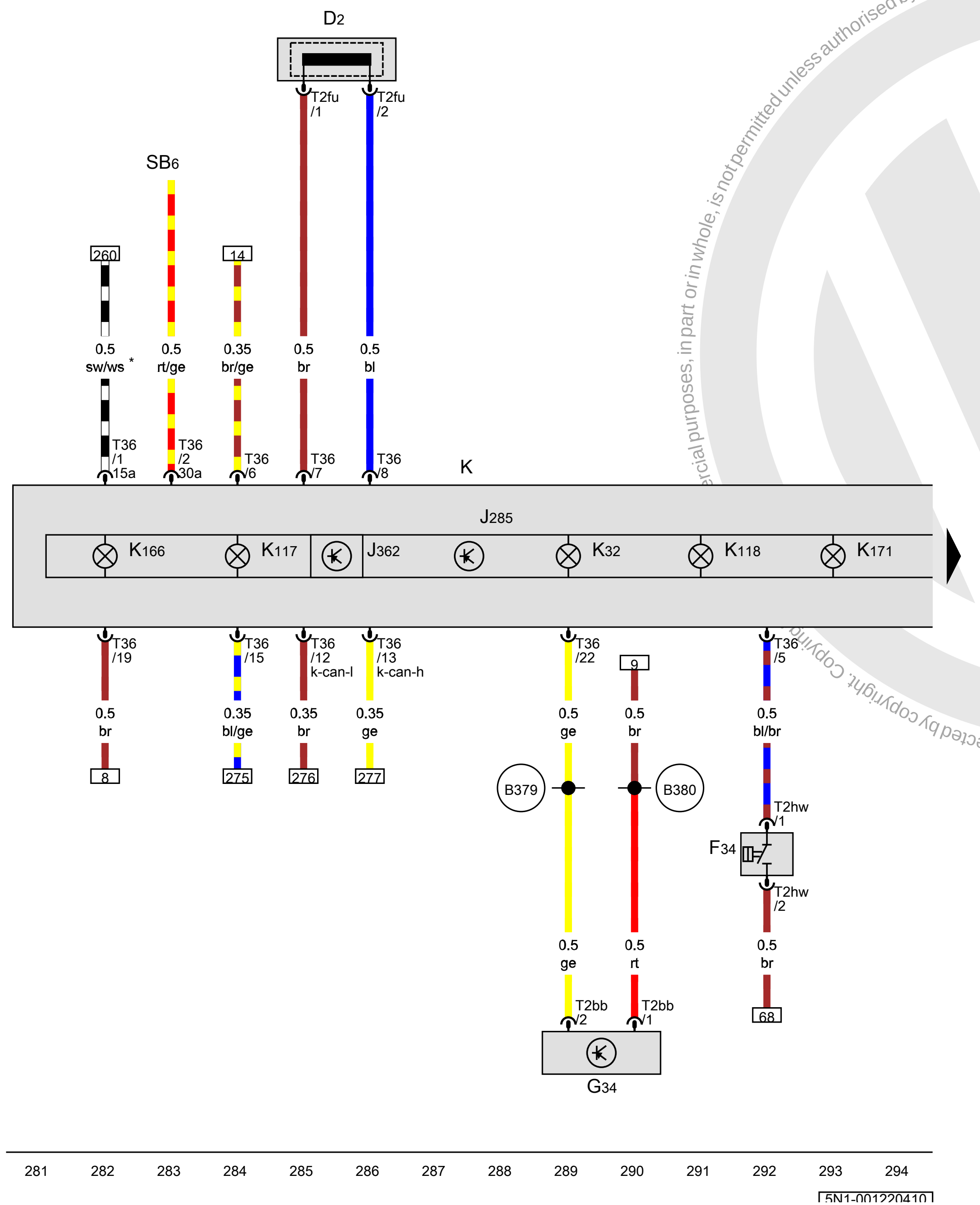
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Onboard supply control unit, Data bus diagnostic interface

J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
R	Radio
T6da	6-pin connector
T16b	16-pin connector
T16d	16-pin connector
T20	20-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

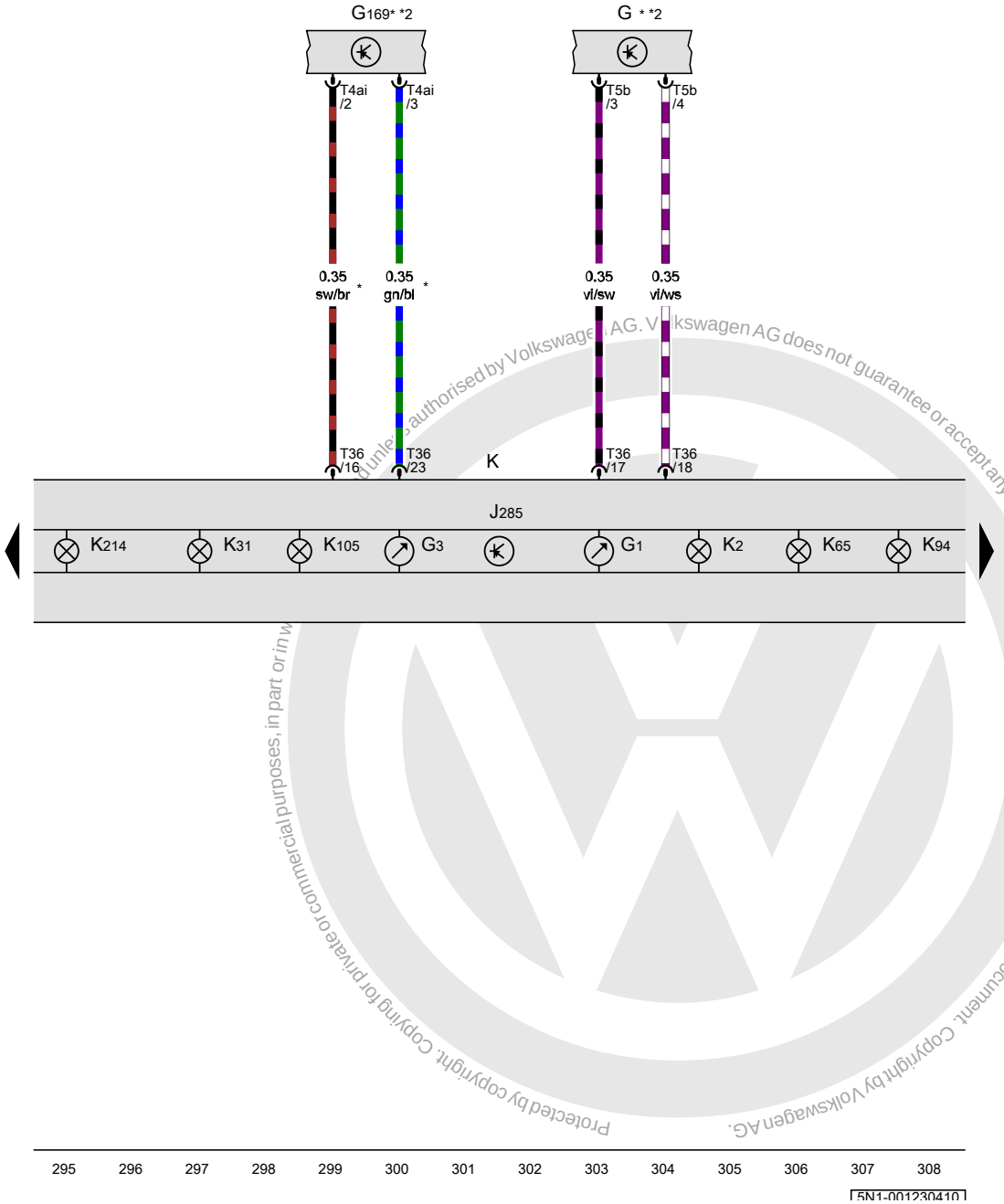
Immobiliser reader coil, Front left brake pad wear sender, Control unit in dash panel insert, Dash panel insert



D2	Immobiliser reader coil
F34	Brake fluid level warning contact
G34	Front left brake pad wear sender
J285	Control unit in dash panel insert
J362	Immobiliser control unit
K	Dash panel insert
K32	Brake pad warning lamp
K117	Immobiliser warning lamp
K118	Brake system warning lamp
K166	Door open warning lamp
K171	Bonnet open warning lamp
SB6	Fuse 6 on fuse holder B
T2bb	2-pin connector
T2fu	2-pin connector
T2hw	2-pin connector
T36	36-pin connector
B379	Connection 1 (brake pad wear indicator), in main wiring harness
B380	Connection 2 (brake pad wear indicator), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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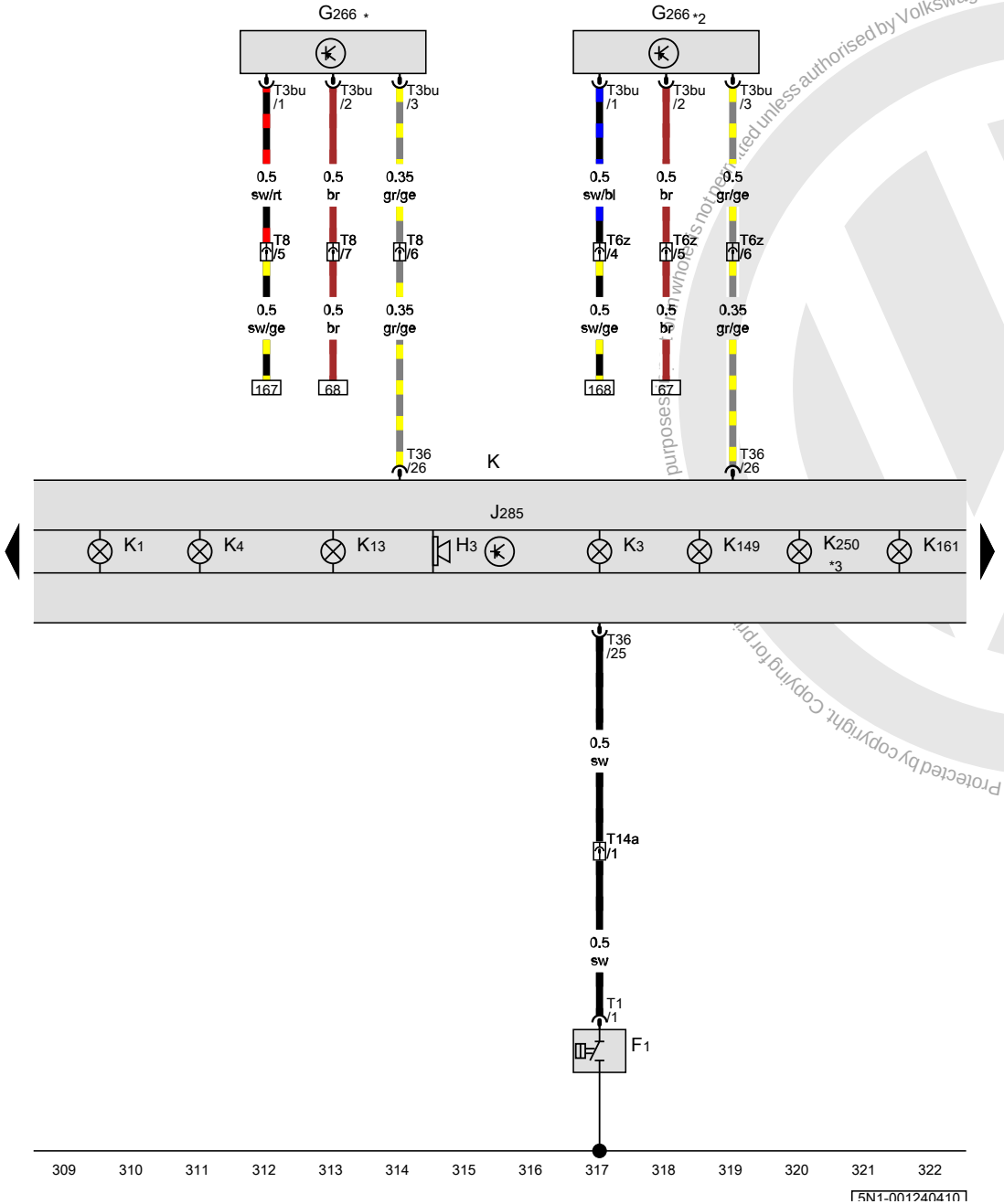


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Fuel gauge sender, Control unit in dash panel insert, Dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
K105	Reserve fuel warning lamp
K214	Electric parking brake and handbrake fault warning lamp
T4ai	4-pin connector
T5b	5-pin connector
T36	36-pin connector
*	According to equipment
*2	see applicable current flow diagram for engine



Oil pressure switch, Control unit in dash panel insert, Dash panel insert

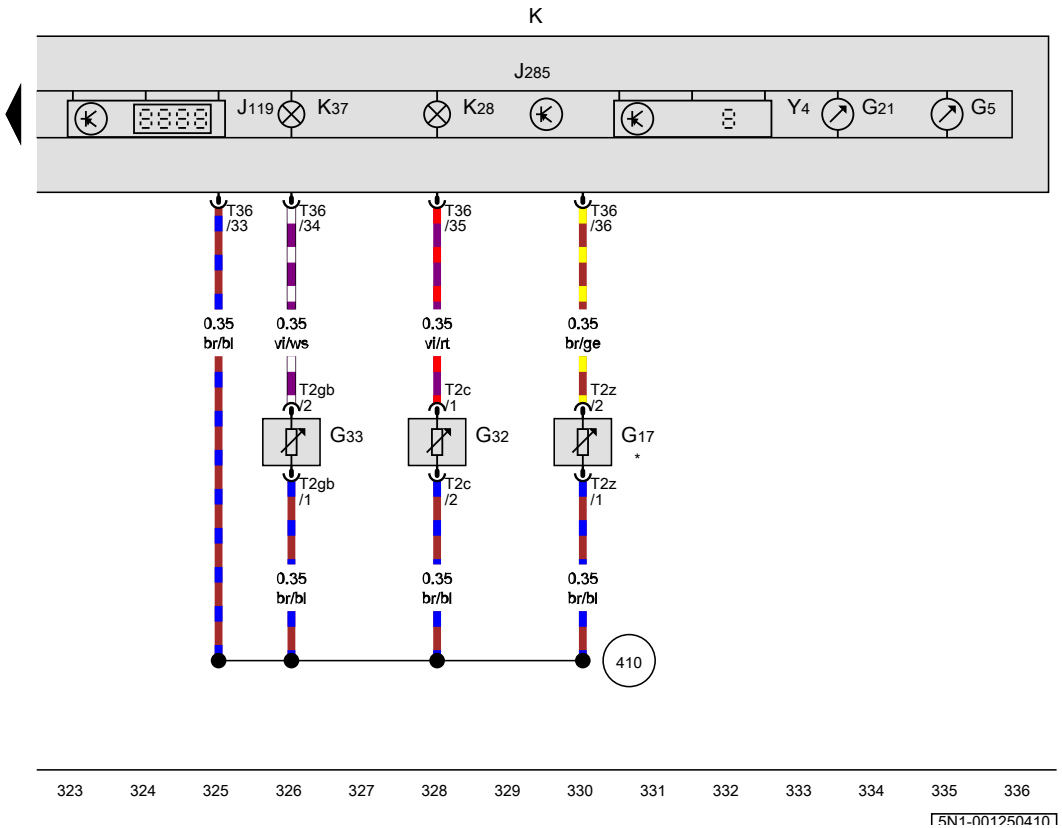
F1	Oil pressure switch
G266	Oil level and oil temperature sender
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K3	Oil pressure warning lamp
K4	Side light warning lamp
K13	Rear fog light warning lamp
K149	Engine electronics warning lamp
K161	Electromechanical power steering warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T3bu	3-pin connector
T6z	6-pin connector
T8	8-pin connector
T14a	14-pin connector
T36	36-pin connector
*	Only models with petrol engine
*2	Only models with diesel engines
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
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Ambient temperature sensor, Coolant shortage indicator sender, Windscreen washer fluid level sender, Control unit in dash panel insert, Dash panel insert

G5	Rev. counter
G17	Ambient temperature sensor
G21	Speedometer
G32	Coolant shortage indicator sender
G33	Windscreen washer fluid level sender
J119	Multifunction indicator
J285	Control unit in dash panel insert
K	Dash panel insert
K28	Coolant temperature and coolant shortage warning lamp
K37	Washer fluid level warning lamp
T2c	2-pin connector
T2gb	2-pin connector
T2z	2-pin connector
T36	36-pin connector
Y4	Trip counter
410	Earth connection 1 (sender earth) in main wiring harness
*	According to equipment



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Fuse assignment

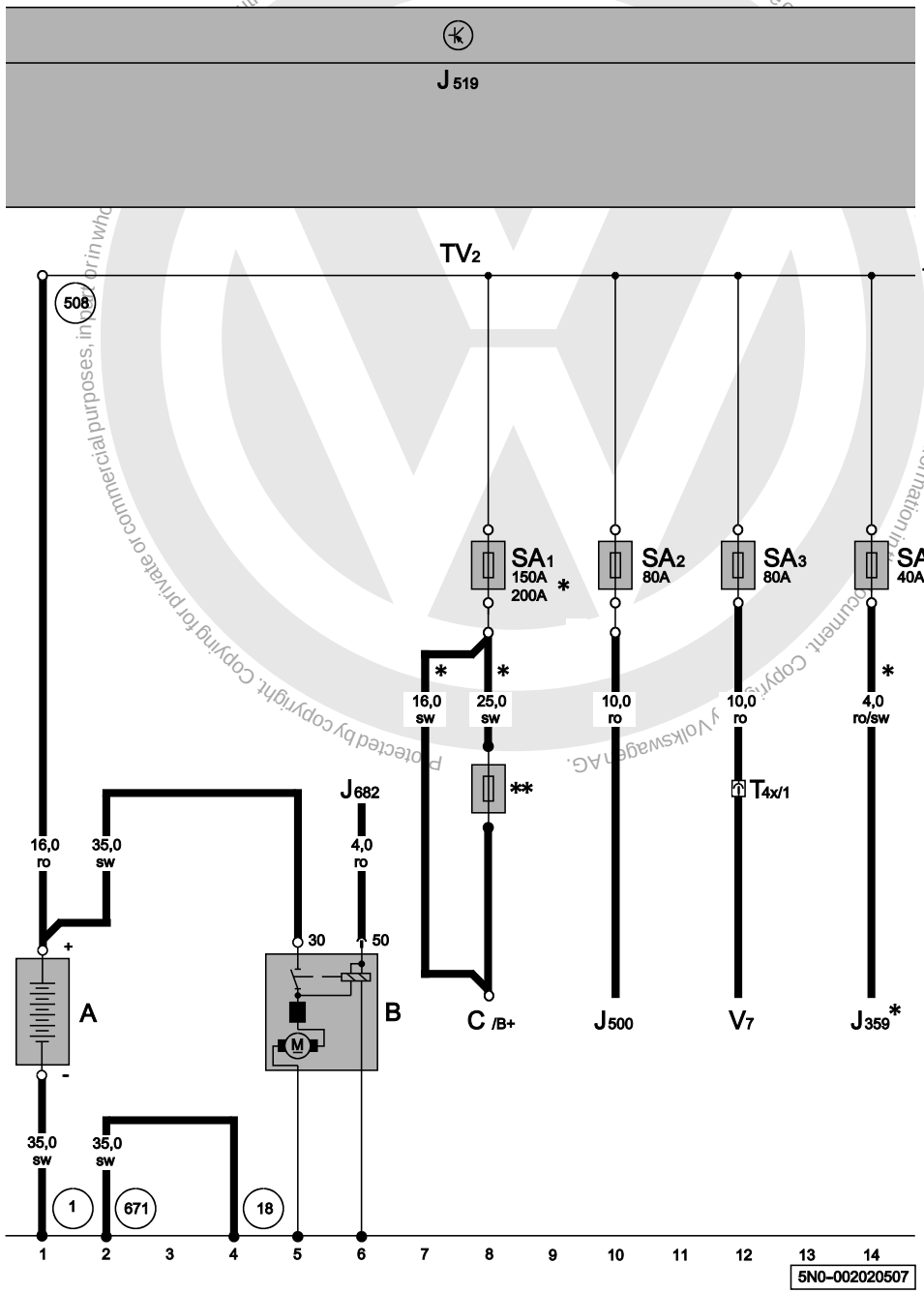
⇒ **Fuse assignment, fuse carrier S**
⇒ **Fuse assignment, fuse carrier SA**
⇒ **Fuse assignment, fuse carrier SB**
⇒ **Fuse assignment, fuse carrier SC**
from November 2007

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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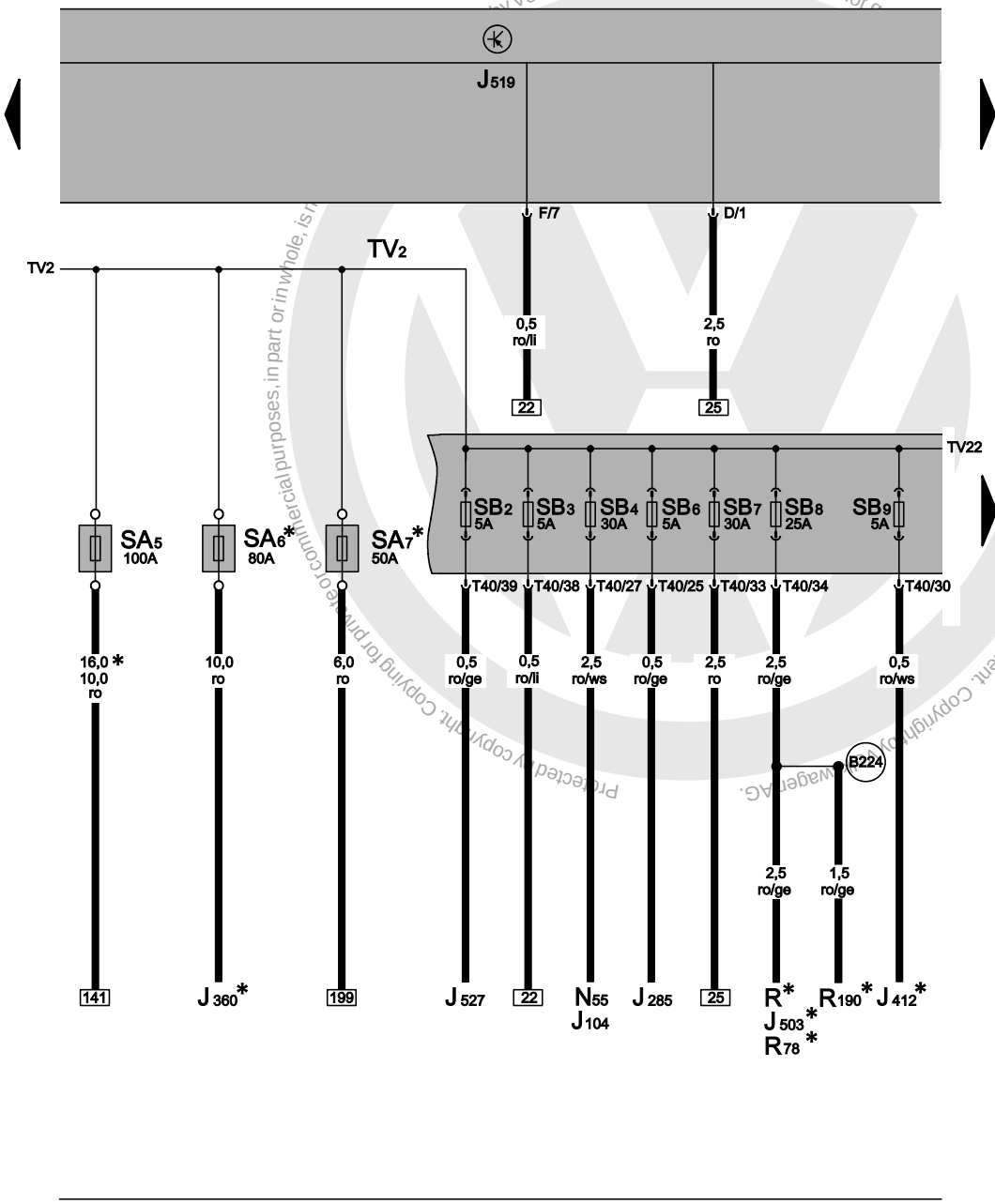


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Battery, starter, fuses SA1, SA2, SA3, SA4

A	Battery
B	Starter
C	Alternator
J359	Low heat output relay
J500	Power steering control unit
J519	Onboard supply control unit
J682	Terminal 50 voltage supply relay
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
T4x	4-pin connector, on lower left of radiator fan
TV2	Terminal 30 wiring junction
V7	Radiator fan
1	Earth strap, battery - body
18	Earth point, on cylinder block
508	Screw connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
*	Depends on equipment
**	On models with 180A alternator, 200A fuse integrated in wiring harness

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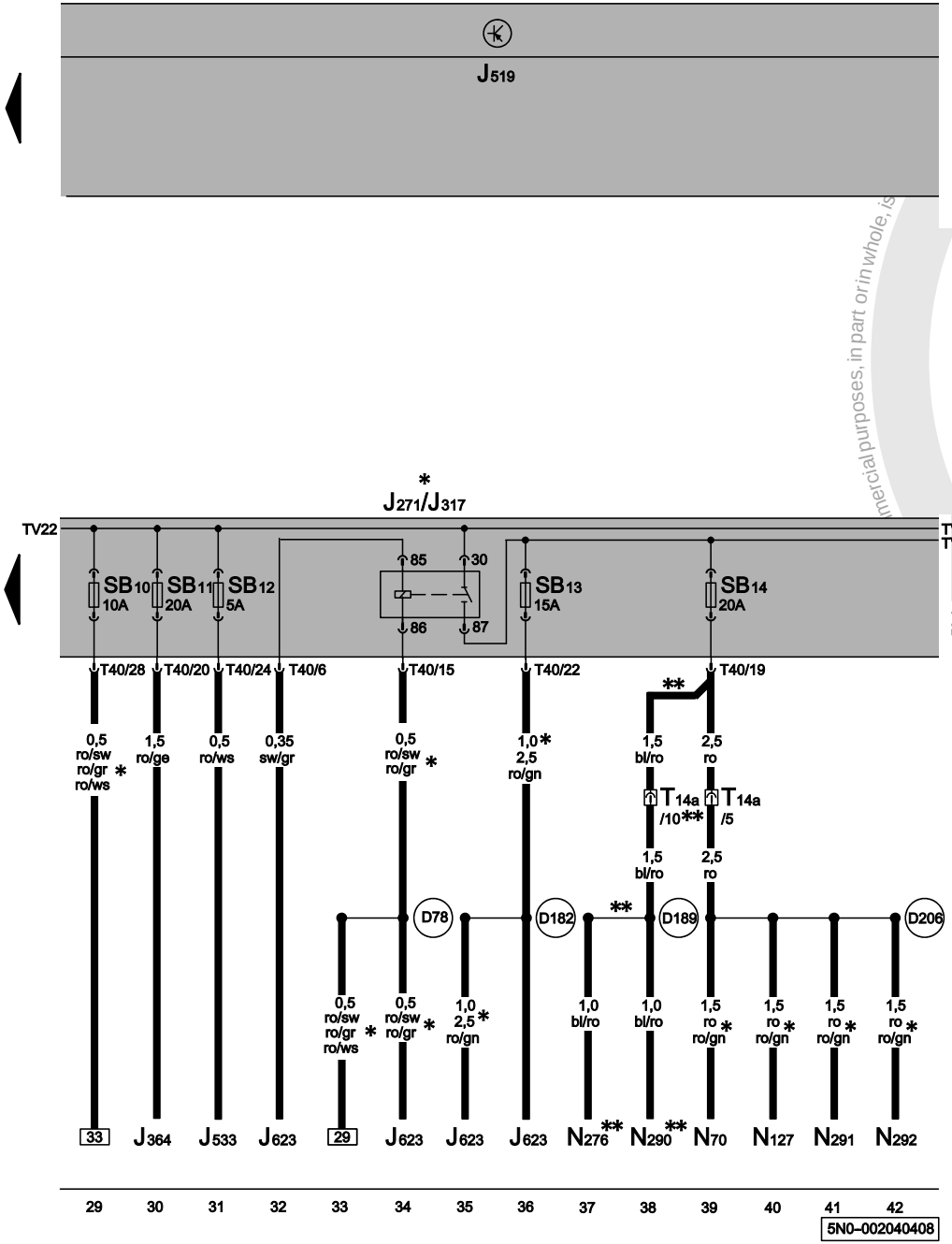


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Fuses SA5, SA6, SA7, SB2, SB3, SB4, SB6, SB7, SB8, SB9

J104	ABS control unit
J285	Control unit in dash panel insert
J360	High heat output relay
J412	Control unit for mobile telephone operating electronics
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
J527	Steering column electronics control unit
N55	ABS hydraulic unit
R	Radio
R190	Satellite digital radio tuner
R78	TV tuner
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SB	Fuses on fuse holder B
T40	40-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30a wiring junction 2
B224	Connection 1 (radio), in interior wiring harness
*	Depends on equipment

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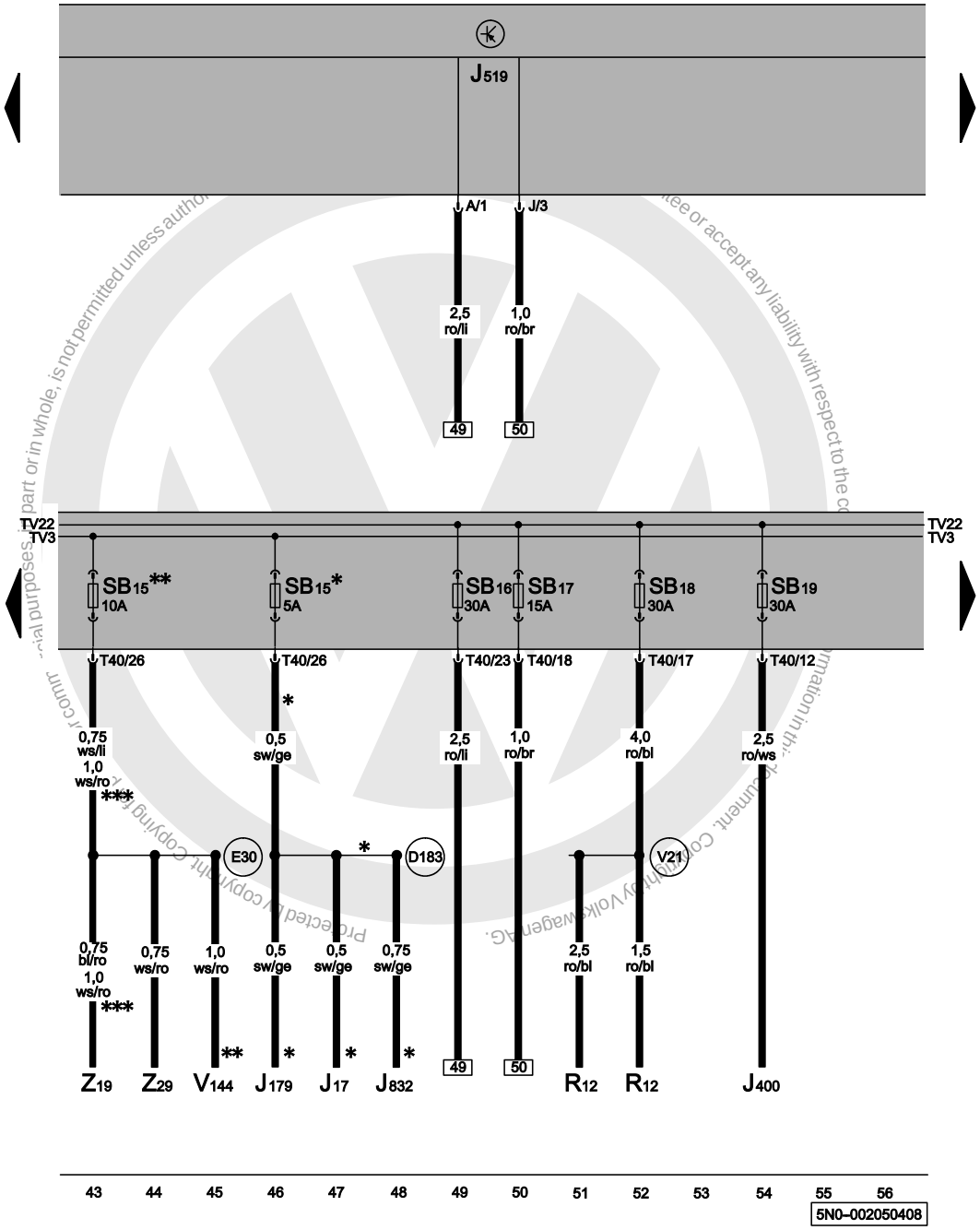


Motronic current supply relay, fuses SB10, SB11, SB12, SB13, SB14

J271	Motronic current supply relay
J317	Terminal 30 voltage supply relay
J364	Auxiliary heater control unit
J519	Onboard supply control unit
J533	Data bus diagnosis interface
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
SB	Fuses on fuse holder B
T14a	14-pin connector, black
T40	40-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30a wiring junction 2
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	Depends on equipment, see respective engine current flow diagram
**	Only models with diesel engine

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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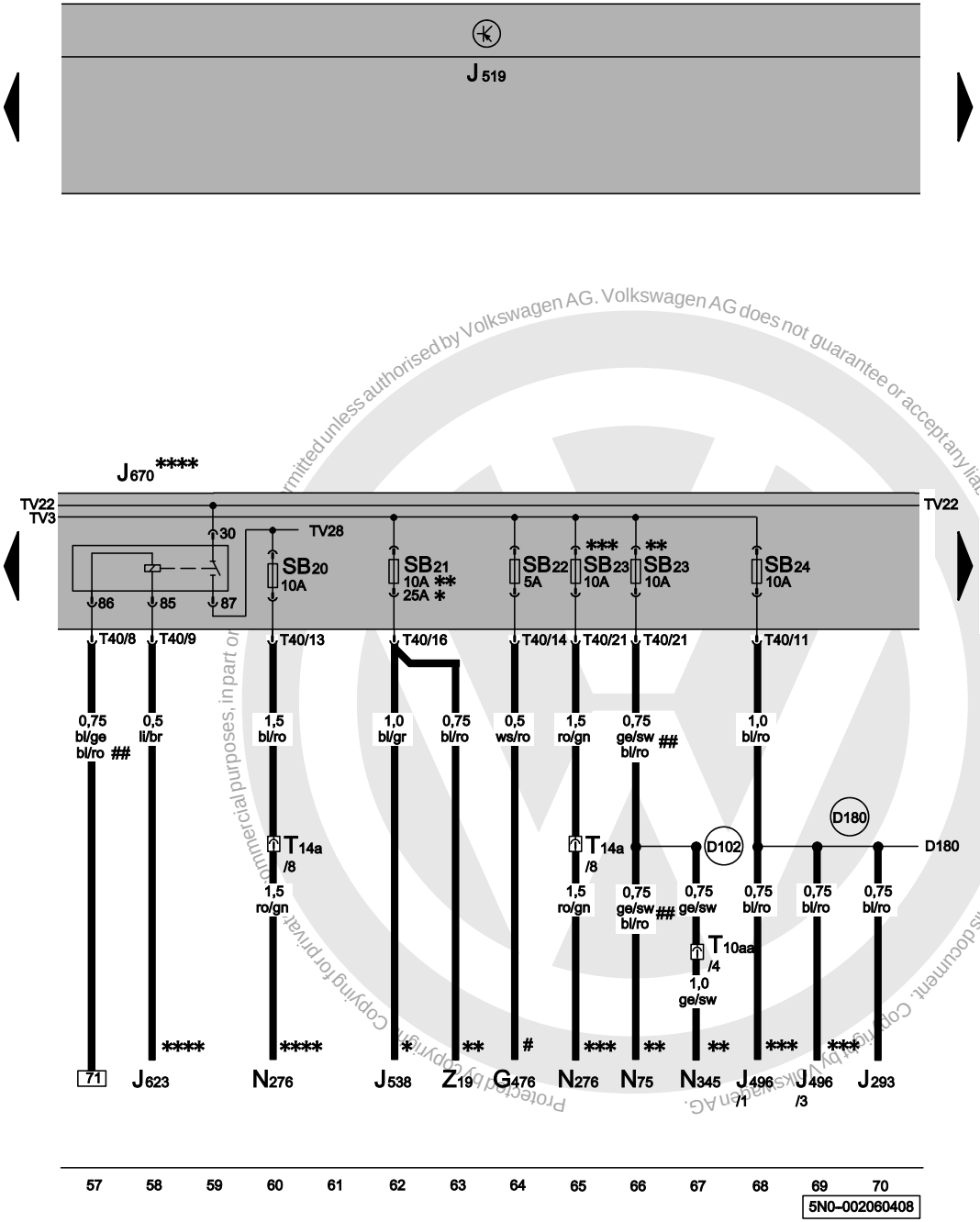


Fuses SB15, SB16, SB17, SB18, SB19

J17	Fuel pump relay
J179	Automatic glow period control unit
J400	Wiper motor control unit
J519	Onboard supply control unit
J832	Relay for supplementary fuel pump
R12	Amplifier
SB	Fuses on fuse holder B
T40	40-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
V144	Fuel system diagnostic pump
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D183	Connection 4 (87a), in engine compartment wiring harness
E30	Connection (87a), in engine wiring harness
V21	Positive connection (30), in radio - amplifier wiring harness
*	Only models with diesel engine
**	Depends on equipment
***	Gradual introduction in model year 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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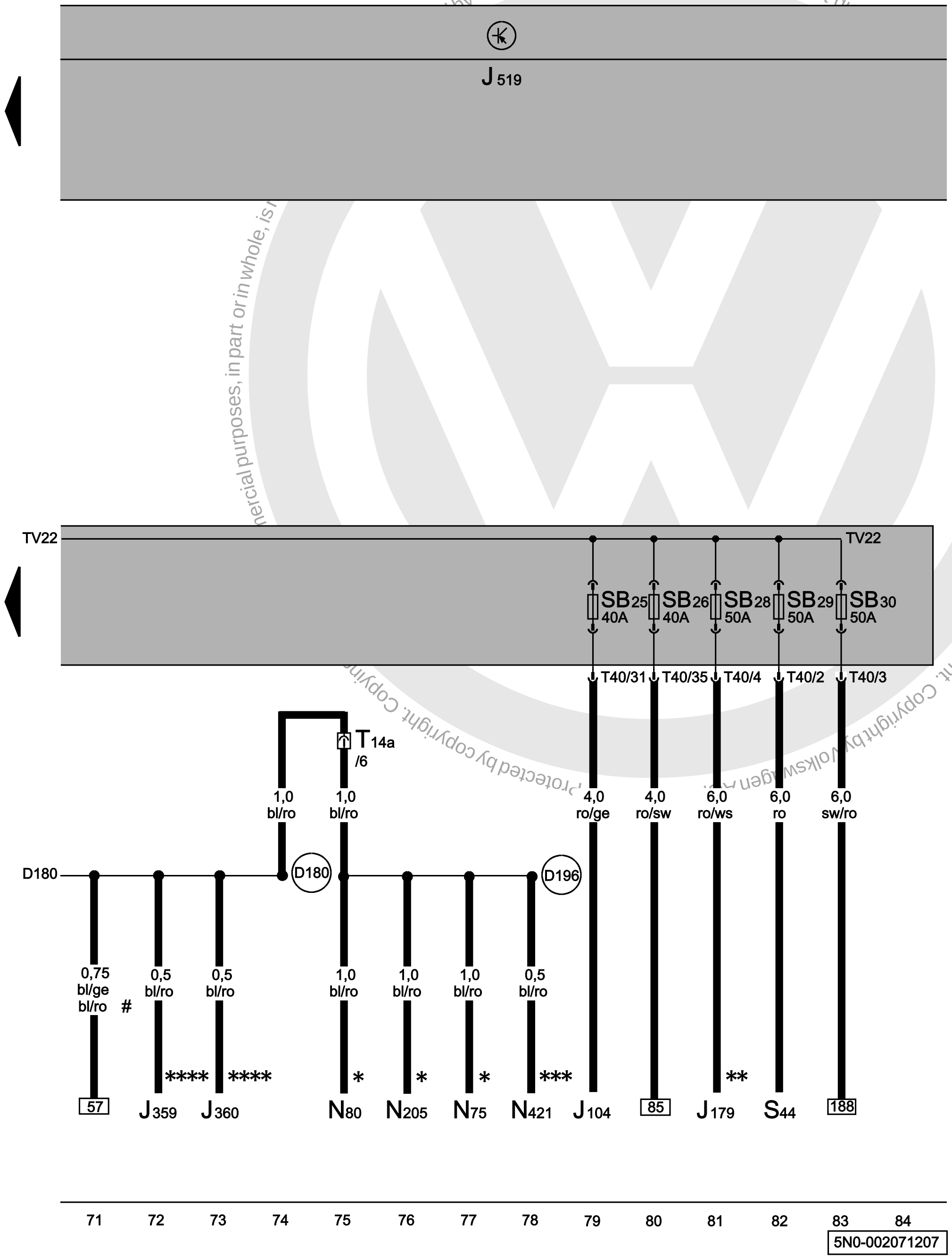


ws = white
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gr = grey
li = purple
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rs = pink

Motronic current supply relay 2, fuses SB20, SB21, SB22, SB23, SB24

G476	Clutch position sender
J293	Radiator fan control unit
J496	Additional coolant pump relay
J519	Onboard supply control unit
J538	Fuel pump control unit
J623	Engine control unit
J670	Motronic current supply relay 2
N75	Charge pressure control solenoid valve
N276	Fuel pressure regulating valve
N345	Exhaust gas recirculation cooler changeover valve
SB	Fuses on fuse holder B
T10aa	10-pin connector, near left headlight
T14a	14-pin connector
T40	40-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
TV28	Terminal 30 wiring junction 3
Z19	Lambda probe heater
D102	Connection 2, in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	Only models with petrol engine
**	Only models with diesel engine
***	Only engine code BWK
****	Only engine codes CAWA, CAWB, CCTA
#	Only models with manual gearbox
##	Gradual introduction in model year 2008

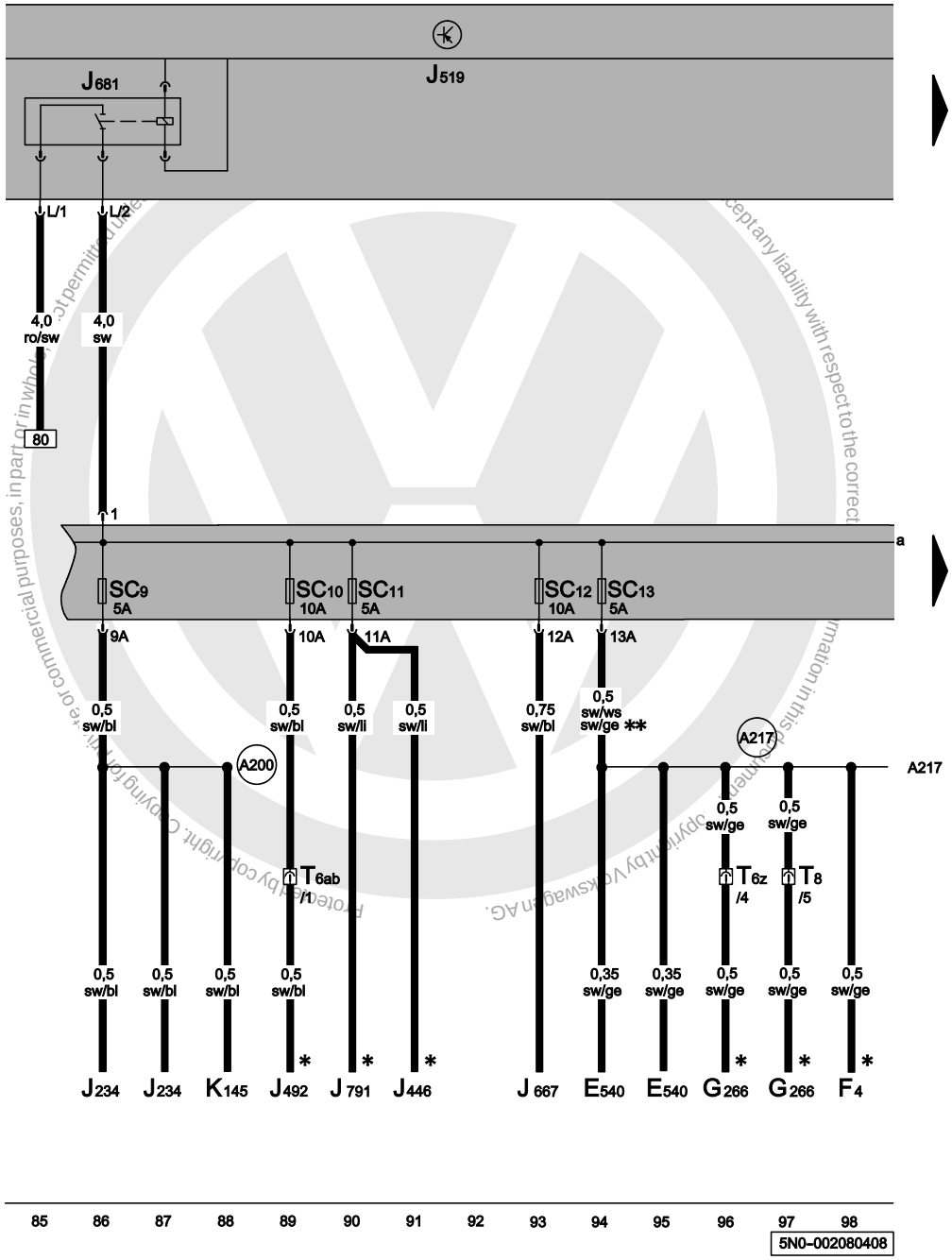
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Fuses SB25, SB26, SB28, SB29, SB30

J104	ABS control unit
J179	Automatic glow period control unit
J359	Low heat output relay
J360	High heat output relay
J519	Onboard supply control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N421	Magnetic clutch for supercharger
S44	Driver seat adjustment thermal fuse 1
SB	Fuses on fuse holder B
T14a	14-pin connector
T40	40-pin connector
TV22	Terminal 30 wiring junction 2
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	Only models with petrol engine
**	Only models with diesel engine
***	Only engine code BWK
****	Only models with petrol engine and auxiliary air heater
#	Gradual introduction in model year 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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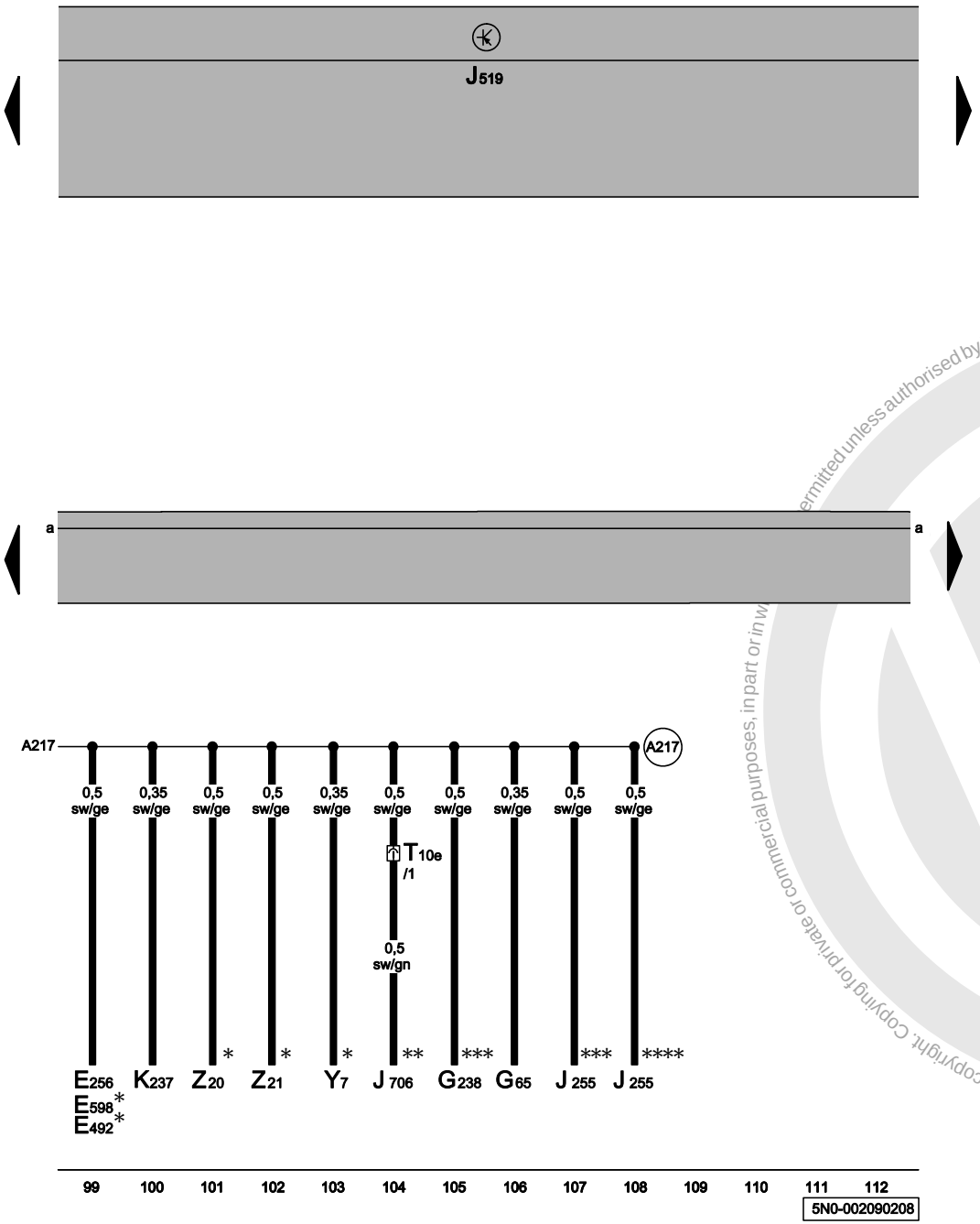


Terminal 15 voltage supply relay 2, fuses SC9, SC10, SC11, SC12, SC13

E540	Auto-hold button
F4	Reversing light switch
G266	Oil level and oil temperature sender
J234	Airbag control unit
J446	Parking aid control unit
J492	All-wheel drive control unit
J519	Onboard supply control unit
J667	Fuel tank flap release relay
J681	Terminal 15 voltage supply relay 2
J791	Control unit for park assist steering
K145	Front passenger side airbag deactivated warning lamp
SC	Fuses on fuse holder C
T6ab	6-pin connector
T6z	6-pin connector
T8	8-pin connector
A200	Positive connection 5 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
*	Depends on equipment
**	Gradual introduction in model year 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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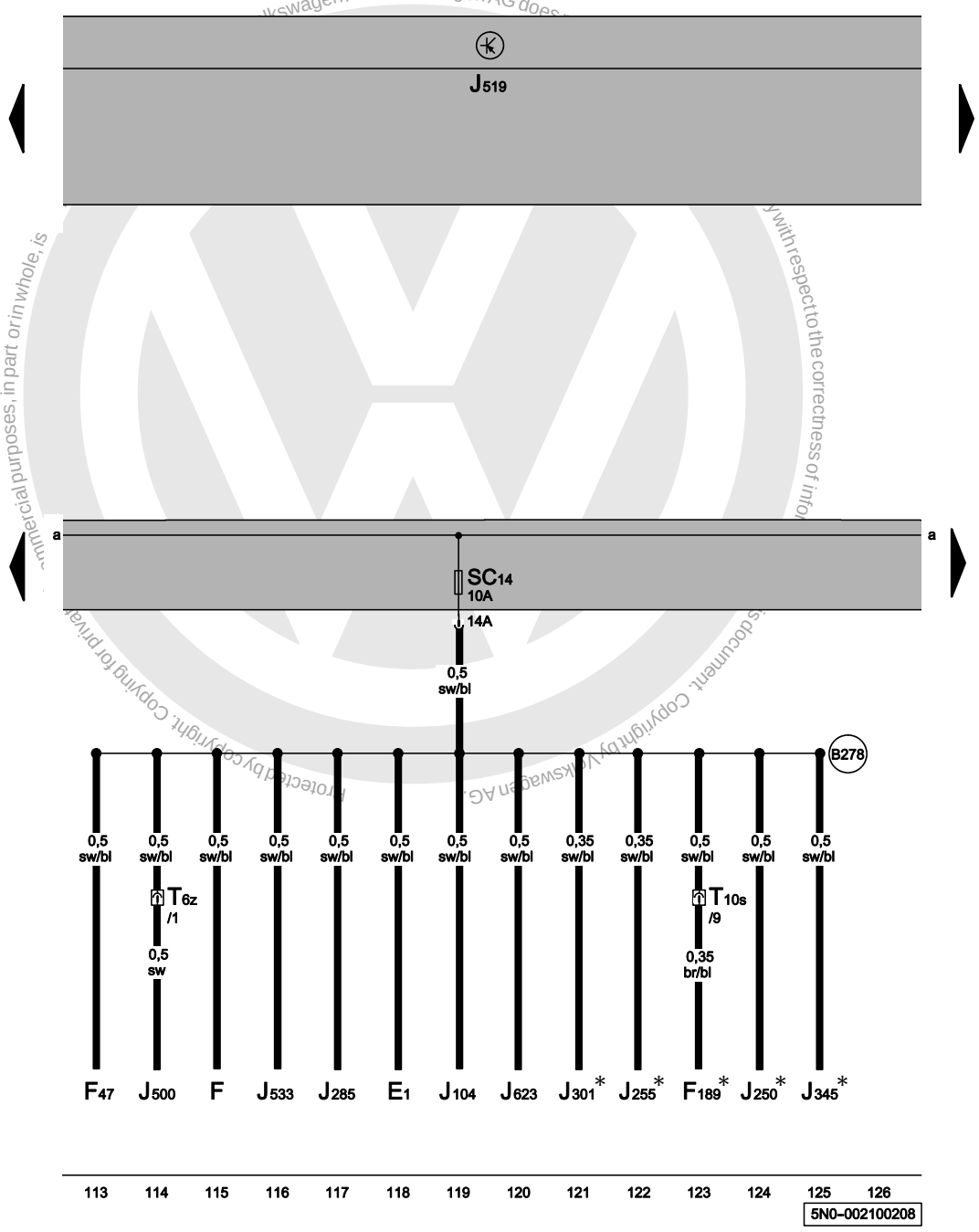


Fuse SC13

E256	TCS and ESP button
E492	Tyre pressure monitor display button
E598	Driving program button
G65	High-pressure sender
G238	Air quality sensor
J255	Climatronic control unit
J519	Onboard supply control unit
J706	Seat occupied recognition control unit
K237	Auto-hold warning lamp
T10e	10-pin connector, under front passenger seat
Y7	Automatic anti-dazzle interior mirror
Z20	Left washer jet heater element
Z21	Right washer jet heater element
A217	Positive connection 8 (15a) in dash panel wiring harness
*	Depends on equipment
**	Only airbag systems for USA/Canada
***	Only models with Climatronic
****	Only models with Climatronic and auxiliary heater

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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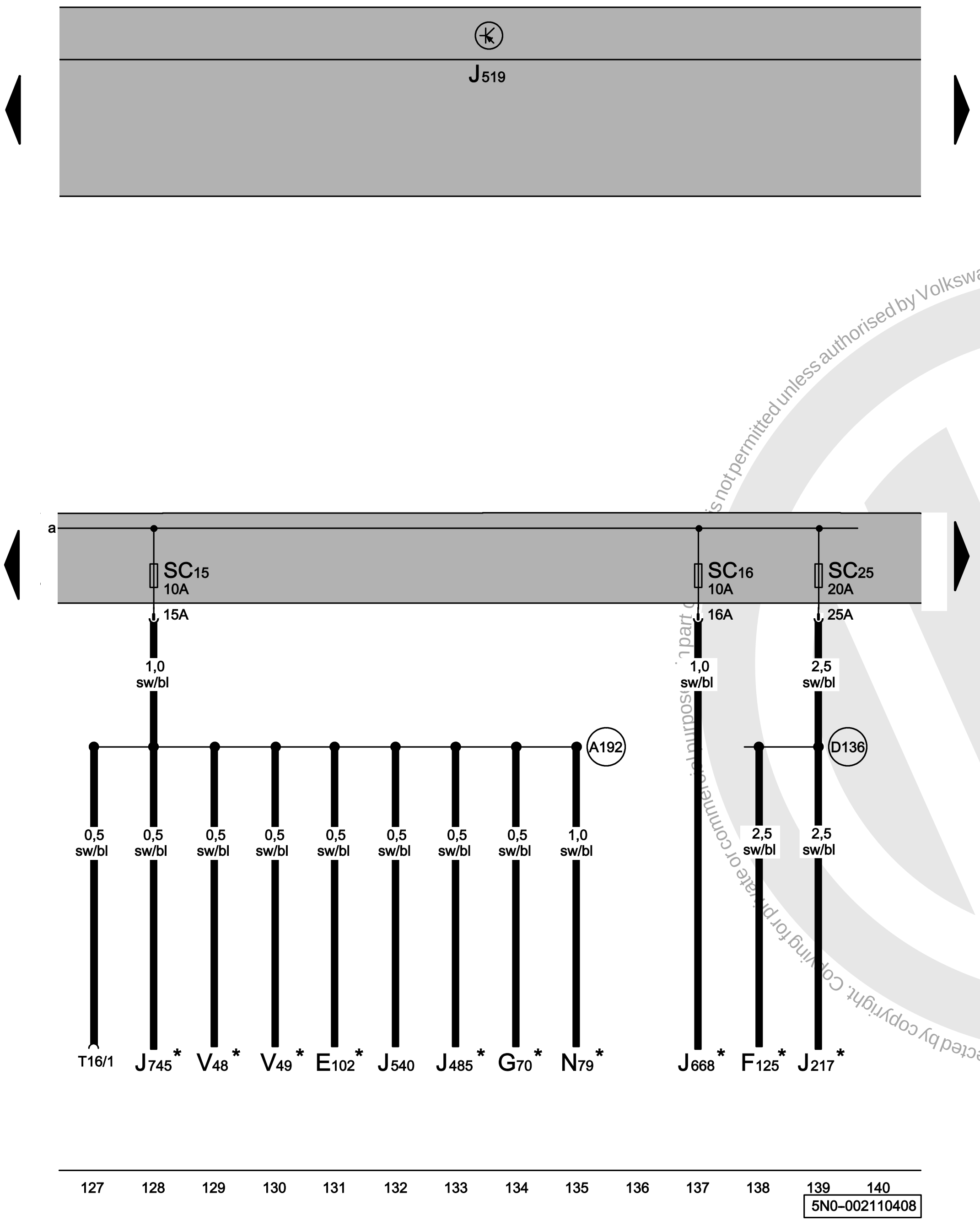


Fuse SC14

E1	Light switch
F	Brake light switch
F47	Brake pedal switch
F189	Tiptronic switch
J104	ABS control unit
J250	Electronically controlled damping control unit
J255	Climatronic control unit
J285	Control unit in dash panel insert
J301	Air conditioning system control unit
J345	Trailer detector control unit
J500	Power steering control unit
J519	Onboard supply control unit
J533	Data bus diagnosis interface
J623	Engine control unit
SC14	Fuse 14 on fuse holder C
T6z	6-pin connector
T10s	10-pin connector, under selector lever cover
B278	Connection 2 (15a), in main wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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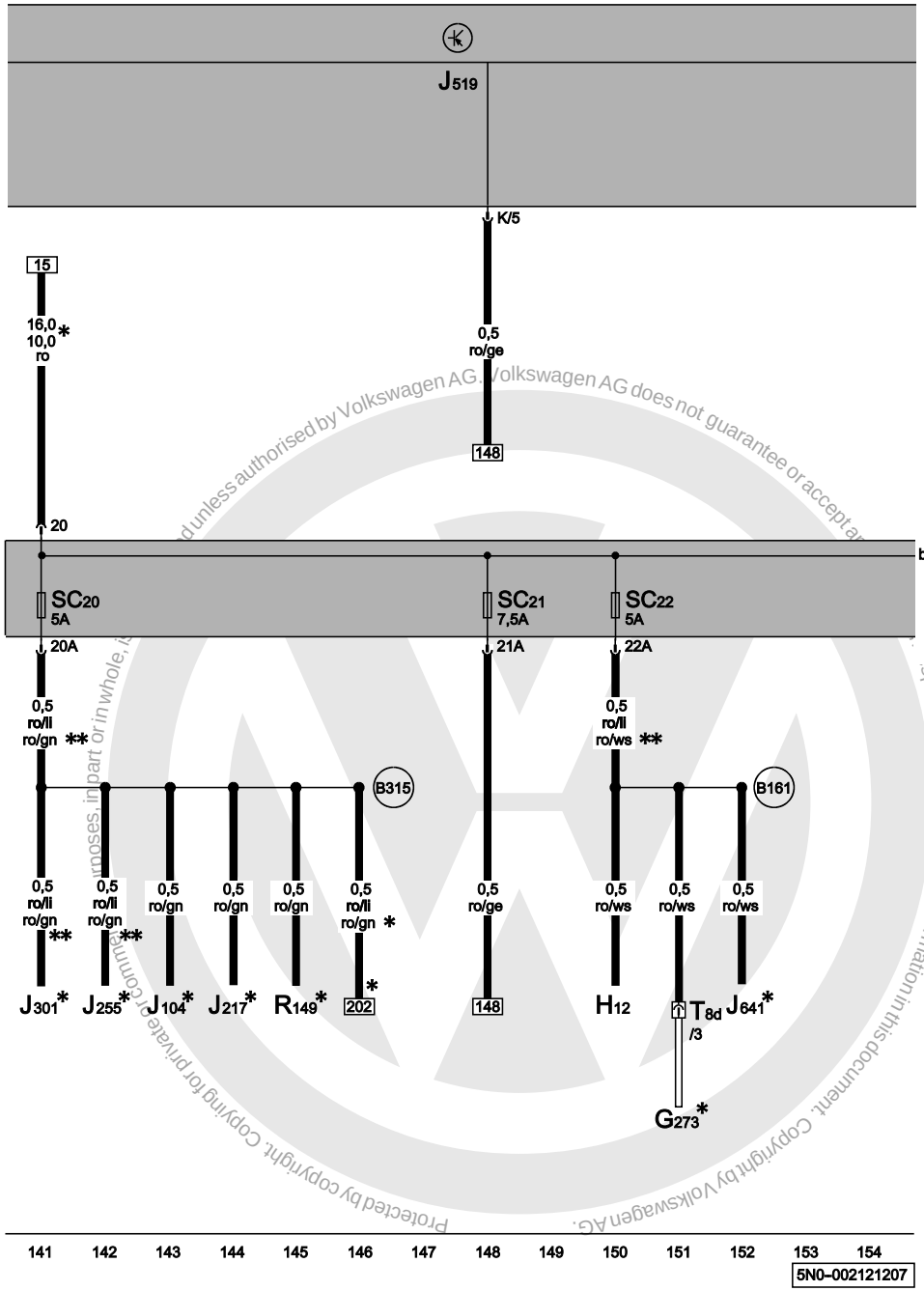


Fuses SC15, SC16, SC25

E102	Headlight range control regulator
F125	Multifunction switch
G70	Air mass meter
J217	Automatic gearbox control unit
J485	Auxiliary heater operation relay
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J668	Power output module for right headlight
J745	Control unit for cornering light and headlight range control
N79	Crankcase breather heater element
SC15	Fuse 15 on fuse holder C
SC16	Fuse 16 on fuse holder C
SC25	Fuse 25 on fuse holder C
T16	16-pin connector, on left under dash panel, self-diagnosis connection
V48	Left headlight range control motor
V49	Right headlight range control motor
A192	Positive connection 3 (15a) in dash panel wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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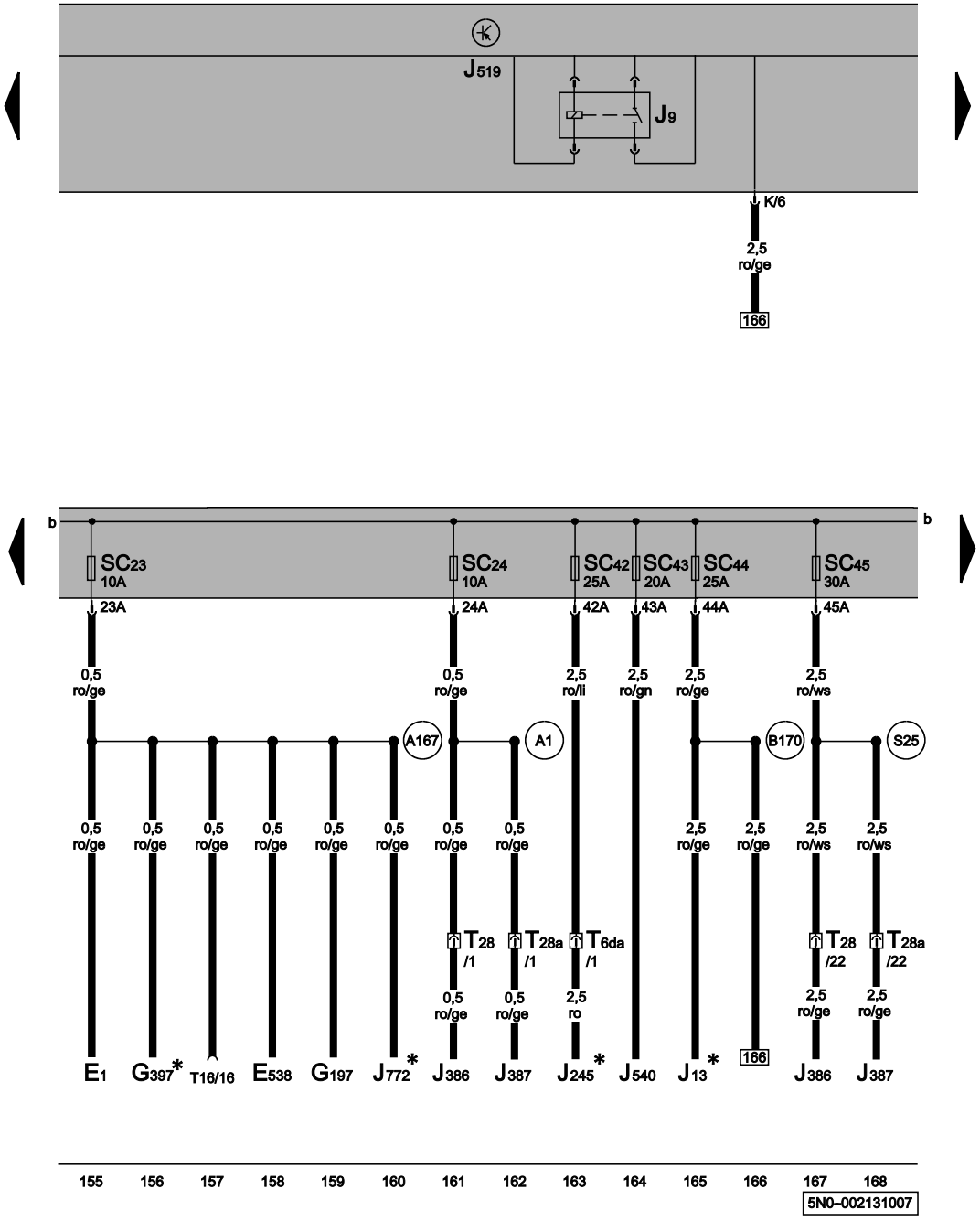


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Fuses SC20, SC21, SC22

G273	Interior monitoring sensor
H12	Alarm horn
J104	ABS control unit
J217	Automatic gearbox control unit
J255	Climatronic control unit
J301	Air conditioning system control unit
J519	Onboard supply control unit
J641	Alarm horn relay
R149	Remote control receiver for auxiliary coolant heater
SC20	Fuse 20 on fuse holder C
SC21	Fuse 21 on fuse holder C
SC22	Fuse 22 on fuse holder C
T8d	8-pin connector, coupling station, near front interior light
B161	Connection (ATA), in interior wiring harness
B315	Connection 1 (30a), in main wiring harness
*	Depends on equipment
**	Gradual introduction in model year 2008
<fo:external-graphic src="/../PDOC/samba/tools/png-convert/out//slp/ft_icons/rahmen.png" content-width="20pt" scaling="uniform"/>	Flexible printed circuit

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

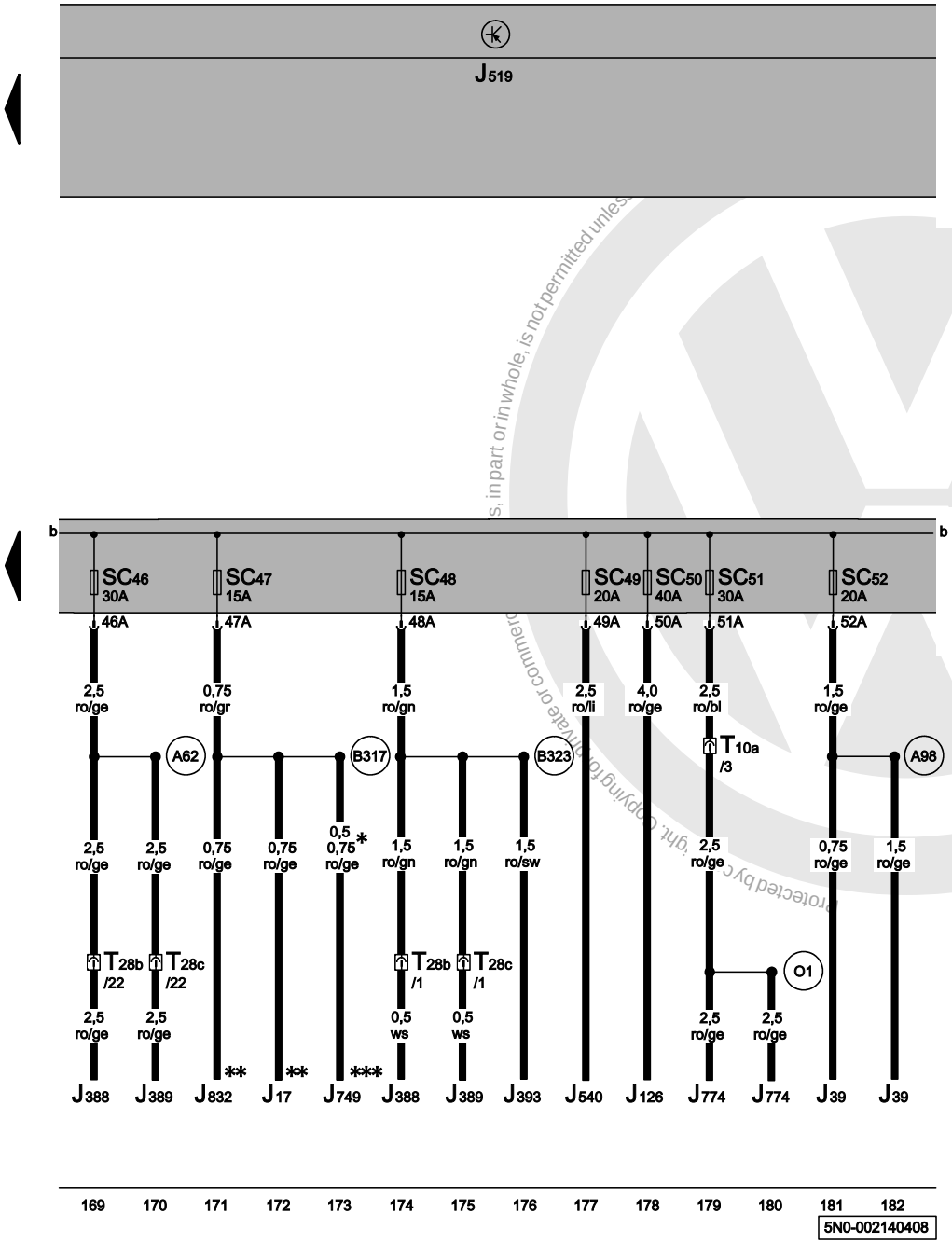


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Heated rear window relay, fuses SC23, SC24, SC42, SC43, SC44, SC45

E1	Light switch
E538	Electromechanical parking brake button
G197	Magnetic field sender for compass
G397	Rain and light sensor
J9	Heated rear window relay
J13	Fresh air blower relay
J245	Sliding sunroof adjustment control unit
J386	Driver door control unit
J387	Front passenger side door control unit
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J772	Reversing camera system control unit
SC	Fuses on fuse holder C
T6da	6-pin connector
T16	16-pin connector, on left under dash panel, self-diagnosis connection
T28	28-pin connector
T28a	28-pin connector
A1	Positive connection (30a), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
B170	Positive connection 2 (30), in interior wiring harness
S25	Positive connection (30a), in central locking wiring harness
*	Depends on equipment

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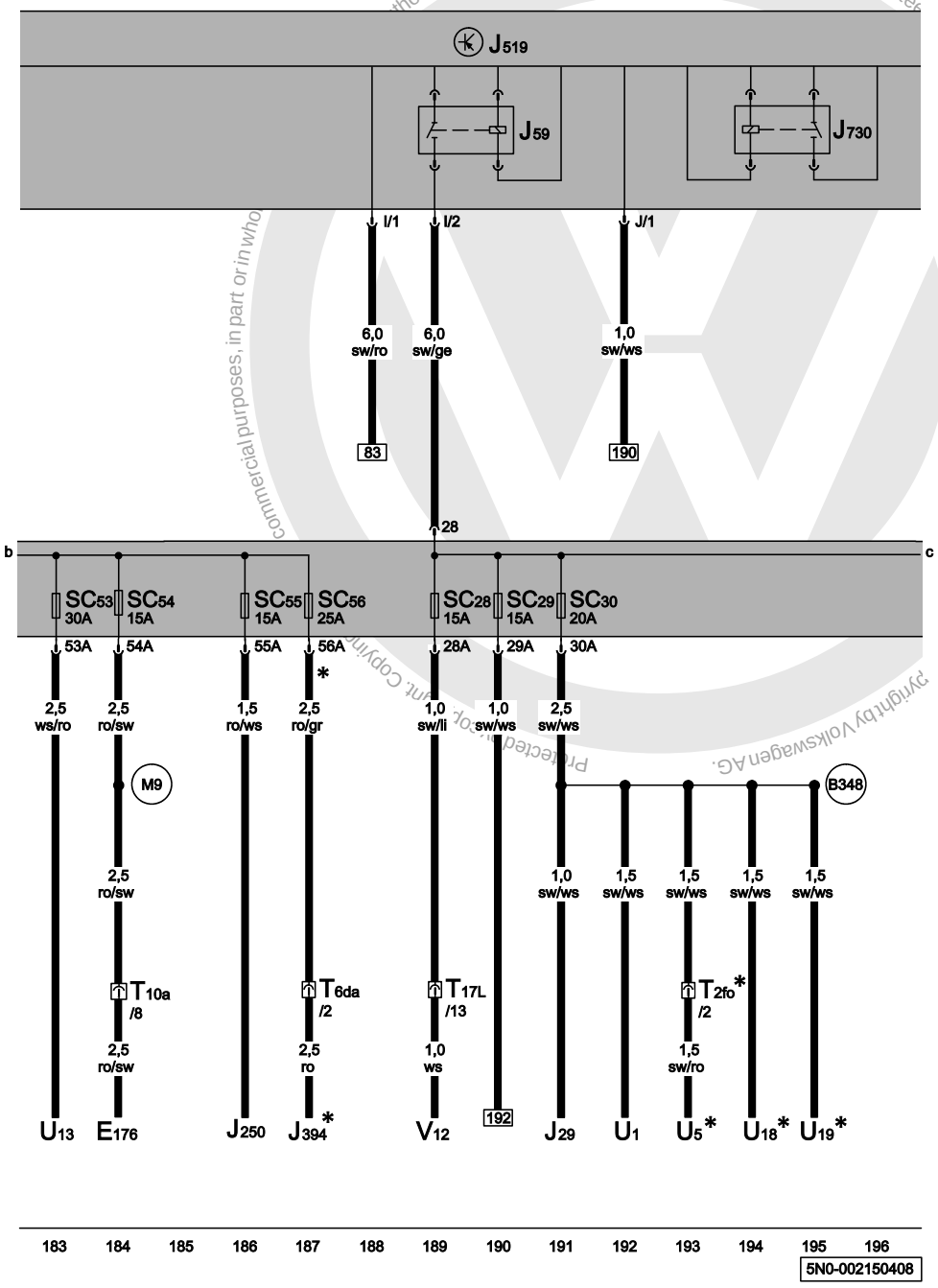


Fuses SC46, SC47, SC48, SC49, SC50, SC51, SC52

J17	Fuel pump relay
J39	Headlight washer system relay
J126	Fresh air blower control unit
J388	Rear left door control unit
J389	Rear right door control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J749	Fuel pump relay for auxiliary heater
J774	Control unit for heated front seats
J832	Relay for supplementary fuel pump
SC	Fuses on fuse holder C
T10a	10-pin connector
T28b	28-pin connector
T28c	28-pin connector
A62	Connection (window regulators), in dash panel wiring harness
A98	Positive connection 4 (30), in dash panel wiring harness
B317	Connection 3 (30a), in main wiring harness
B323	Connection 9 (30a), in main wiring harness
O1	Positive connection (30), in seat heating wiring harness
*	Depends on equipment
**	Only models with diesel engine
***	Only models with auxiliary heater

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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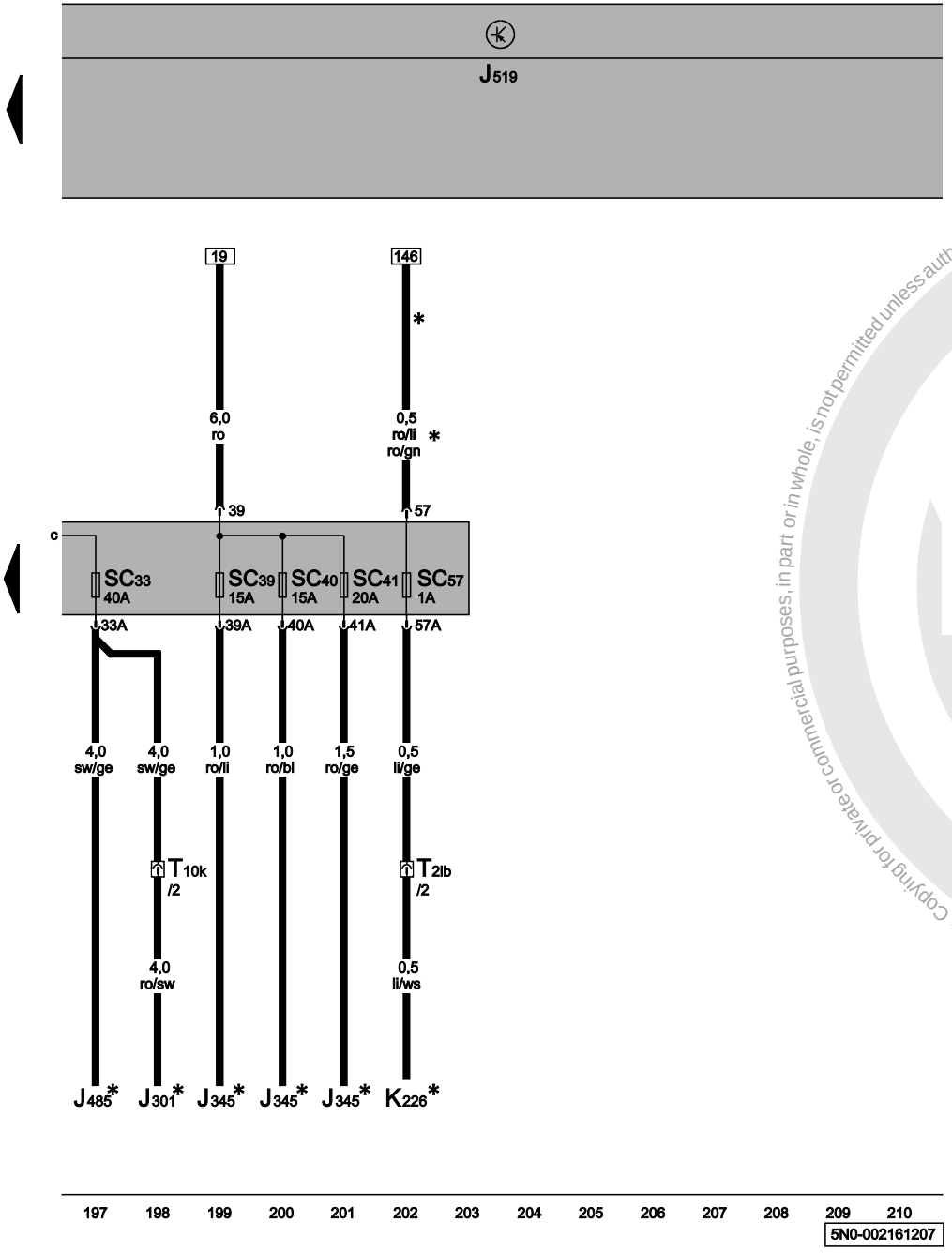


X-contact relief relay, double washer pump relay 2, fuses SC28, SC29, SC30, SC53, SC54, SC55, SC56,

E176	Driver seat lumbar support adjustment switch
J29	Blocking diode
J59	X-contact relief relay
J250	Electronically controlled damping control unit
J394	Sunroof roller blind control unit
J519	Onboard supply control unit
J730	Double washer pump relay 2
SC	Fuses on fuse holder C
T2fo	2-pin connector
T6da	6-pin connector
T10a	10-pin connector
T10b	10-pin connector
T17L	17-pin connector
U1	Cigarette lighter
U5	12 V socket
U13	AC/DC converter with socket, 12 V - 230 V
U18	12 V socket 2
U19	12 V socket 3
V12	Rear window wiper motor
B348	Connection 1 (75A), in main wiring harness
M9	Connection, in seat adjustment wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuses SC33, SC39, SC40, SC41, SC57

J301	Air conditioning system control unit
J345	Trailer detector control unit
J485	Auxiliary heater operation relay
J519	Onboard supply control unit
K226	Trailer towing attachment locked warning lamp
SC33	Fuse 33 on fuse holder C
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC57	Fuse 57 on fuse holder C
T2ib	2-pin connector, in rear bumper
T10k	10-pin connector
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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Convenience system (USA/Canada/Mexico)

⇒ **Electrically adjustable and heated exterior mirrors, fold-in mirrors**
⇒ **Anti-theft alarm system**
⇒ **Rear lid remote release**
⇒ **Panoramic sliding roof**
⇒ **Automatic anti-dazzle interior mirror**

From November 2007

Notes:

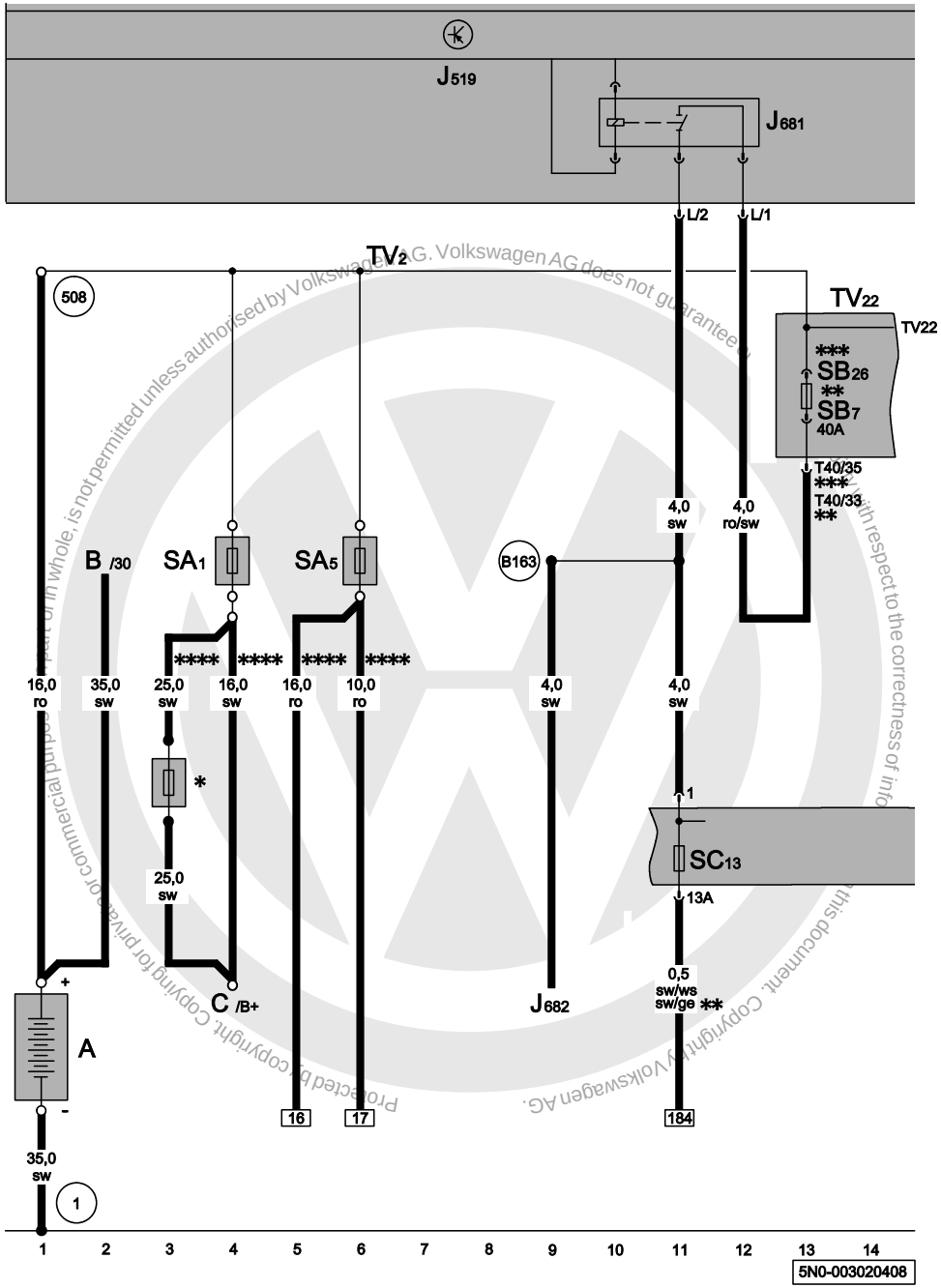
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

⇒ Overview of Fitting Locations!

For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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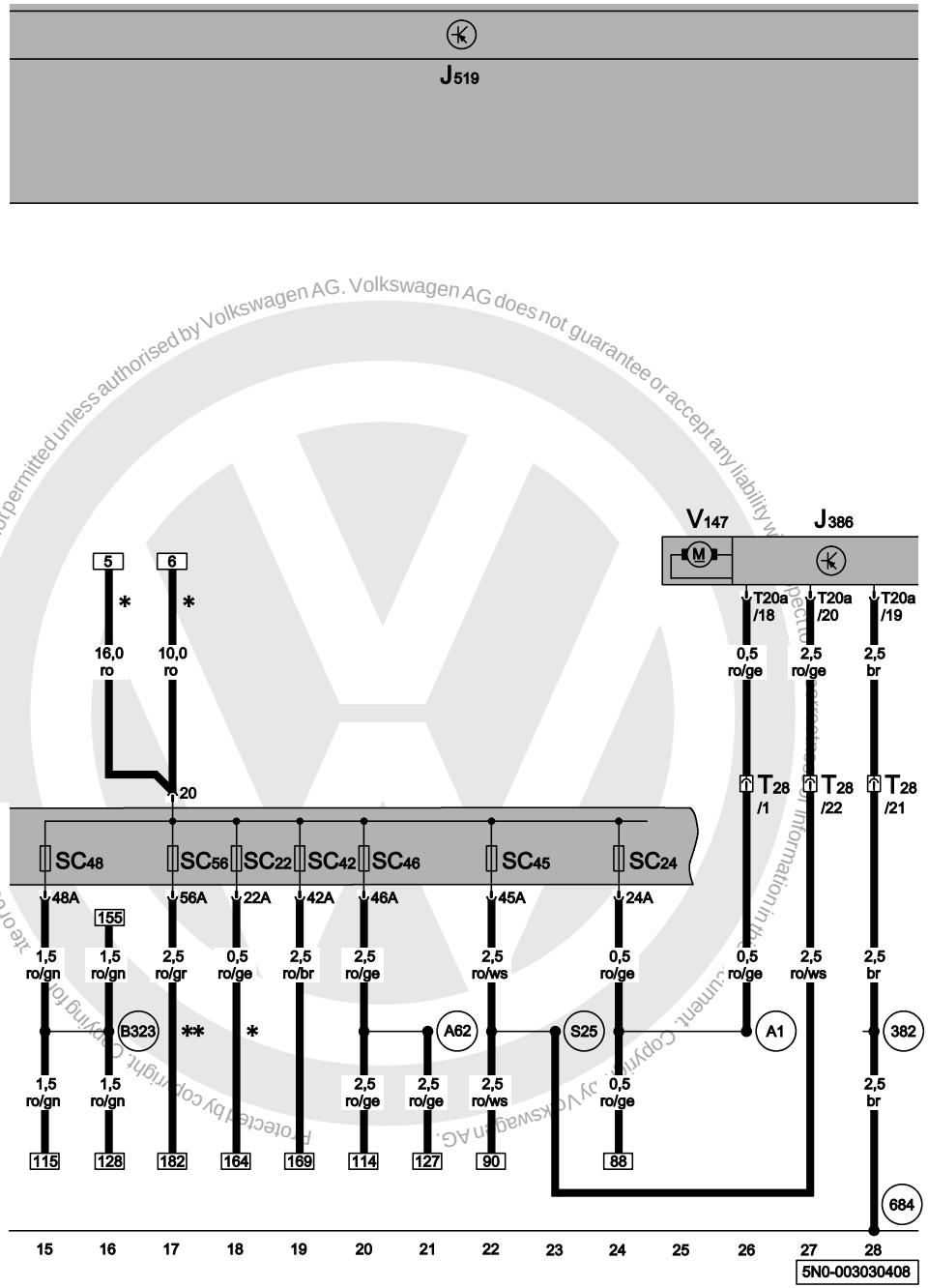


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Terminal 15 voltage supply relay 2, fuses

A	Battery
B	Starter
C	Alternator
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SA1	Fuse 1 on fuse holder A
SA5	Fuse 5 on fuse holder A
SB7	Fuse 7 on fuse holder B
SB26	Fuse 26 on fuse holder B
SC13	Fuse 13 on fuse holder C
T40	40-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
508	Screw connection (30) on E-box
B163	Positive connection 1 (15), in interior wiring harness
*	On models with 180A alternator, 200A fuse integrated in wiring harness
**	Gradual introduction in model year 2008
***	Up to May 2008
****	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

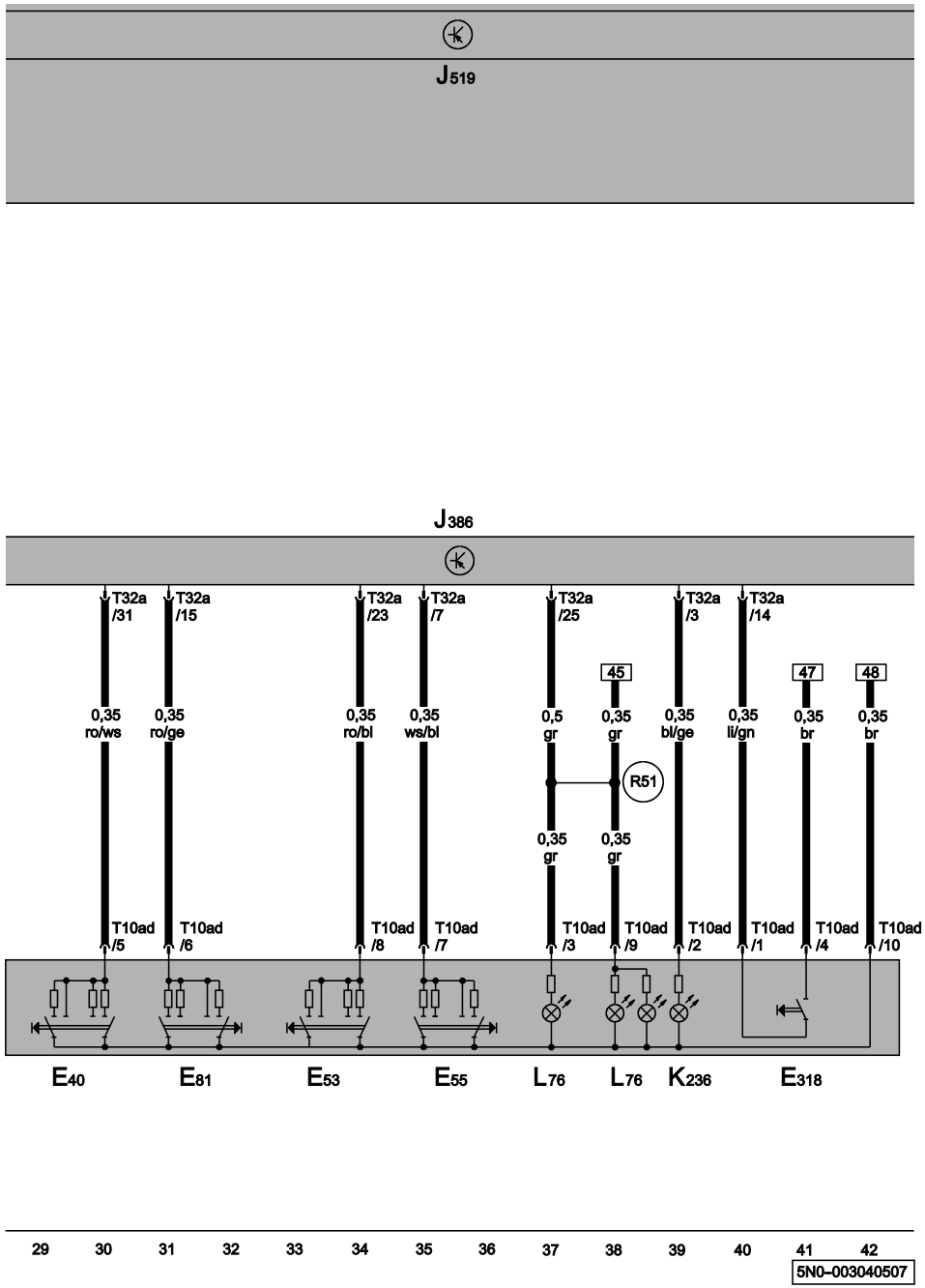


Driver window regulator motor, driver door control unit

J386	Driver door control unit
J519	Onboard supply control unit
SC22	Fuse 22 on fuse holder C
SC24	Fuse 24 on fuse holder C
SC42	Fuse 42 on fuse holder C
SC45	Fuse 45 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC48	Fuse 48 on fuse holder C
SC56	Fuse 56 on fuse holder C
T20a	20-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
V147	Driver side window regulator motor
382	Earth connection 17, in main wiring harness
684	Earth point, on front of left side member
A1	Positive connection (30a), in dash panel wiring harness
A62	Connection (window regulators), in dash panel wiring harness
B323	Connection 9 (30a), in main wiring harness
S25	Positive connection (30a), in central locking wiring harness
*	Depends on equipment
**	Only models with sliding sunroof control unit

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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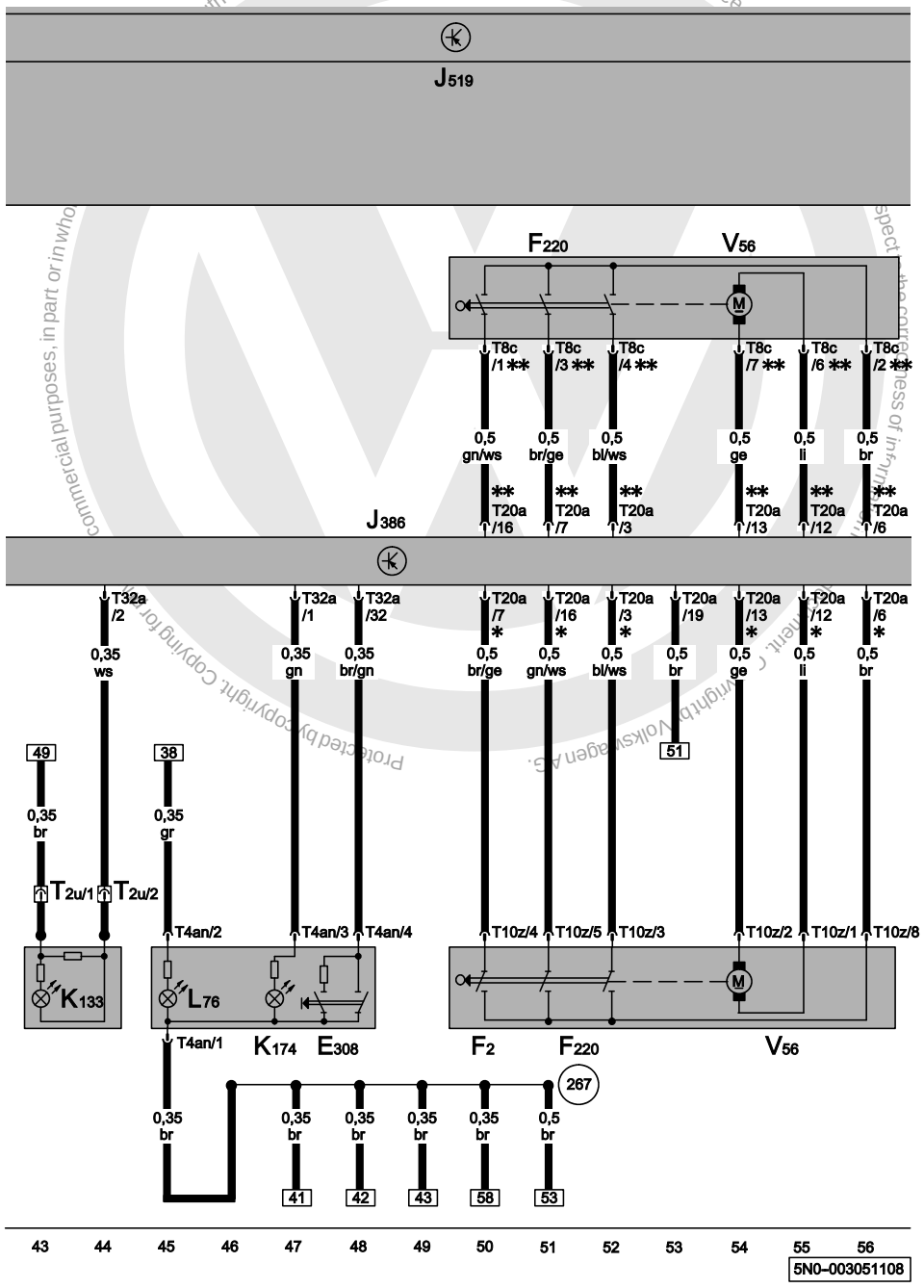
Driver door window regulator switch, active child lock warning lamp, button illumination bulb, child lock button, driver door control unit

E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E318	Childproof lock button
J386	Driver door control unit
J519	Onboard supply control unit
K236	Warning light for activated childproof lock
L76	Button illumination bulb
T10ad	10-pin connector, black
T32a	32-pin connector, grey
R51	Connection (58b), in driver side door wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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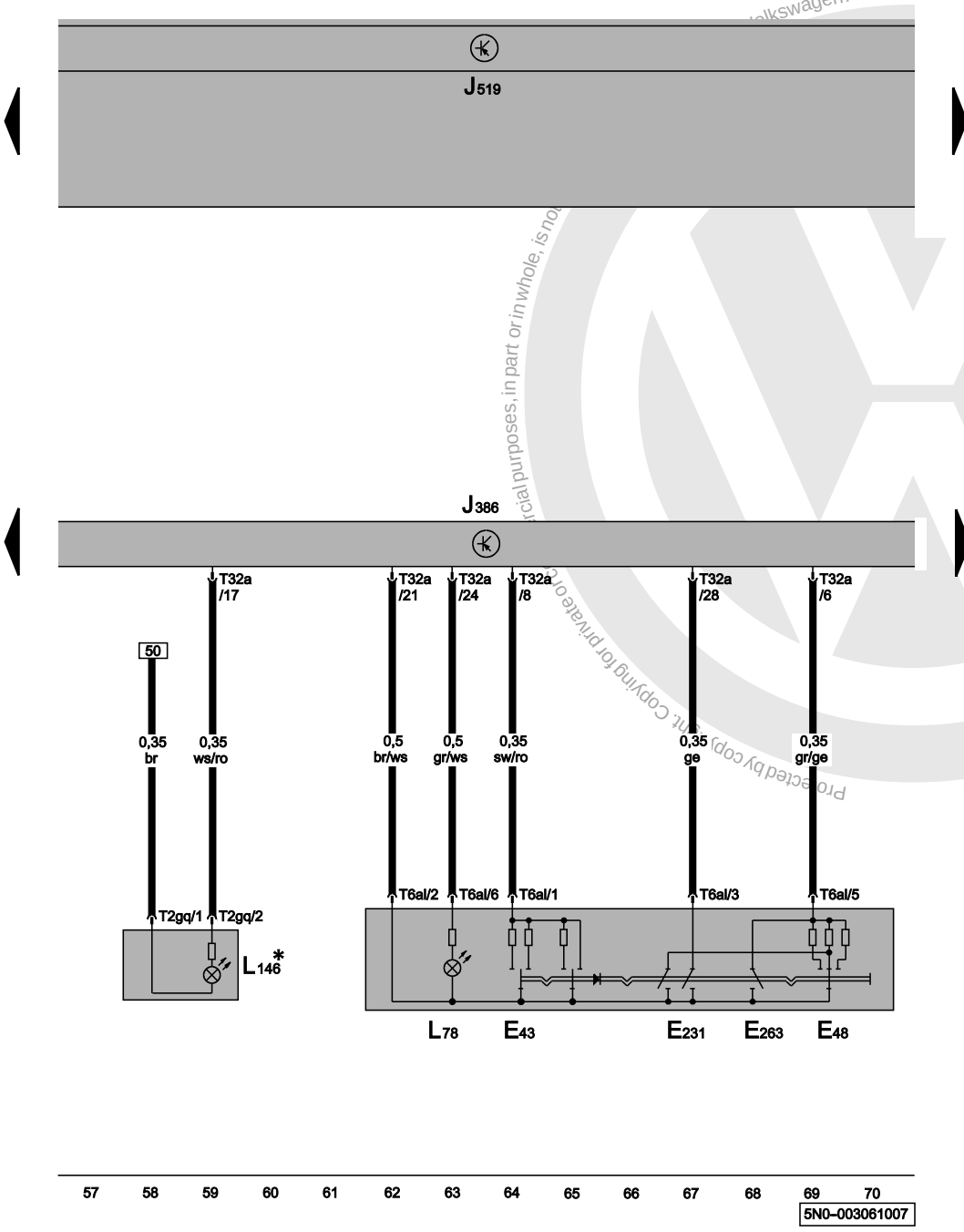
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Central locking deadlock function warning lamp -SAFE-, driver side central locking lock unit, driver side interior locking button for central locking system, driver door control unit

E308	Driver side interior locking button for central locking system
F2	Driver door contact switch
F220	Driver side central locking lock unit
J386	Driver door control unit
J519	Onboard supply control unit
K133	Central locking deadlock function warning lamp -SAFE-
K174	Driver side interior locking warning lamp
L76	Button illumination bulb
T2u	2-pin connector, black
T4an	4-pin connector, blue
T8c	8-pin connector, black
T10z	10-pin connector, black
T20a	20-pin connector, black
T32a	32-pin connector, grey
V56	Driver door central locking motor
(267)	Earth connection 2, in driver side door wiring harness
*	Up to November 2008
**	From November 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



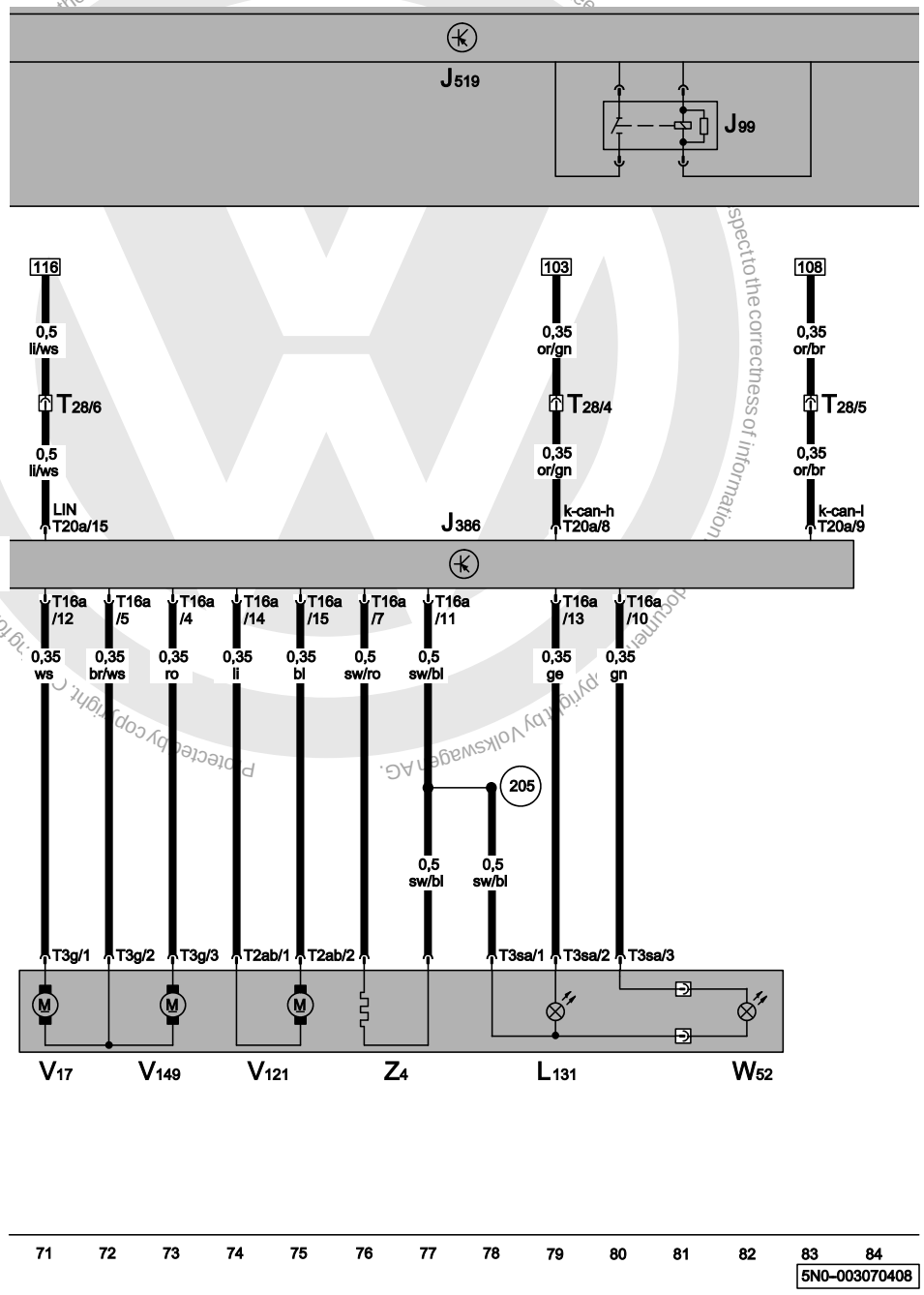
Switch for mirror adjustment and mirror fold-in, exterior mirror heater button, driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E231	Exterior mirror heater button
E263	Fold-in mirror switch
J386	Driver door control unit
J519	Onboard supply control unit
L78	Mirror adjustment switch illumination bulb
L146	Driver side door interior handle illumination bulb
T2gq	2-pin connector, black
T6al	6-pin connector, brown
T32a	32-pin connector, grey
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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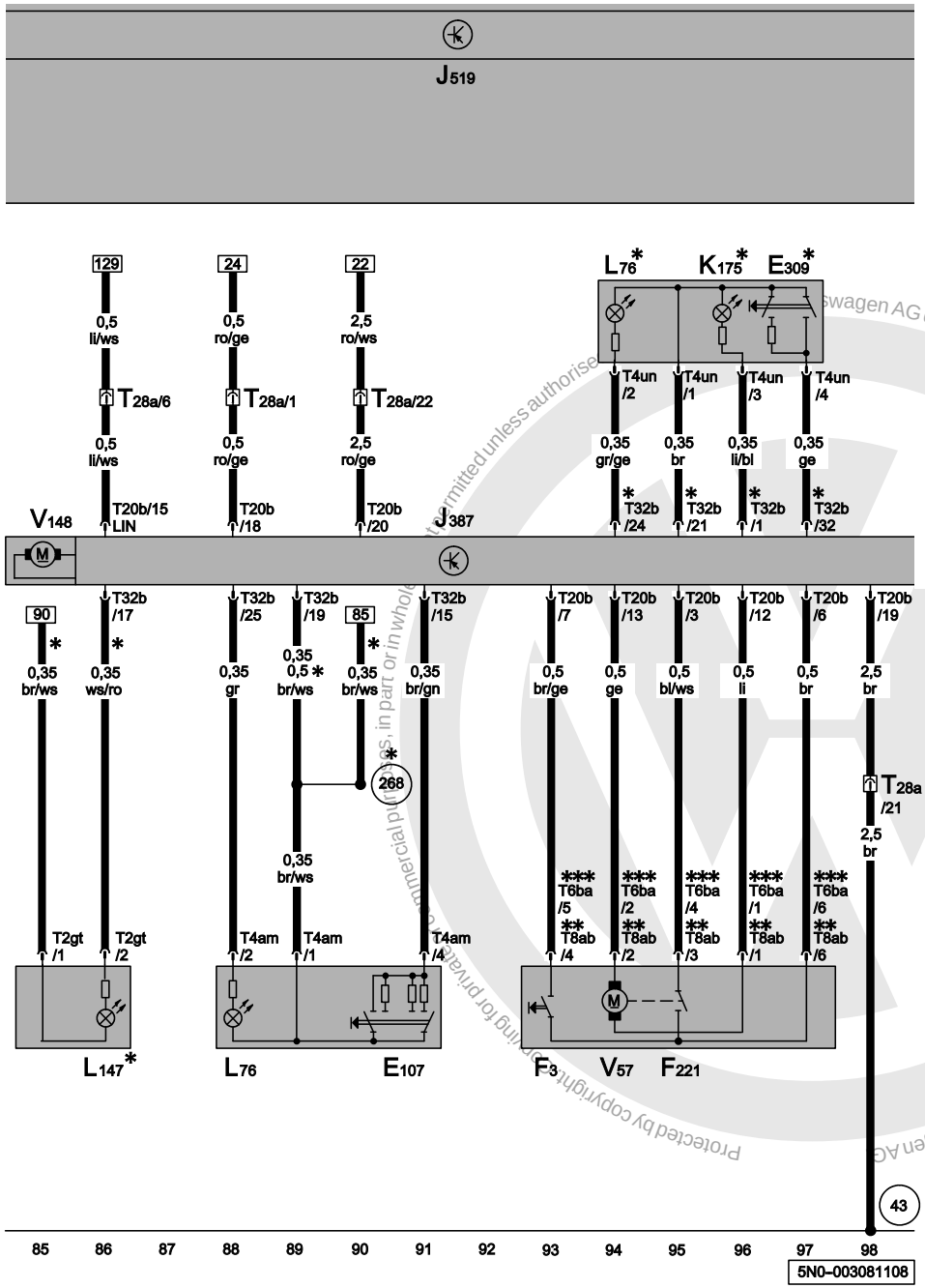
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Turn signal and driver side entry light in exterior mirror, motor for driver side mirror adjustment and driver side mirror fold-in, heated exterior mirror relay, driver door control unit

J99	Heated exterior mirror relay
J386	Driver door control unit
J519	Onboard supply control unit
L131	Driver side exterior mirror turn signal bulb
T2ab	2-pin connector, white
T3g	3-pin connector
T3sa	3-pin connector, black
T16a	16-pin connector, black
T20a	20-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
V17	Driver side mirror adjustment motor
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
W52	Driver side entry light in exterior mirror
Z4	Driver side heated exterior mirror
205	Earth connection, in driver door wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

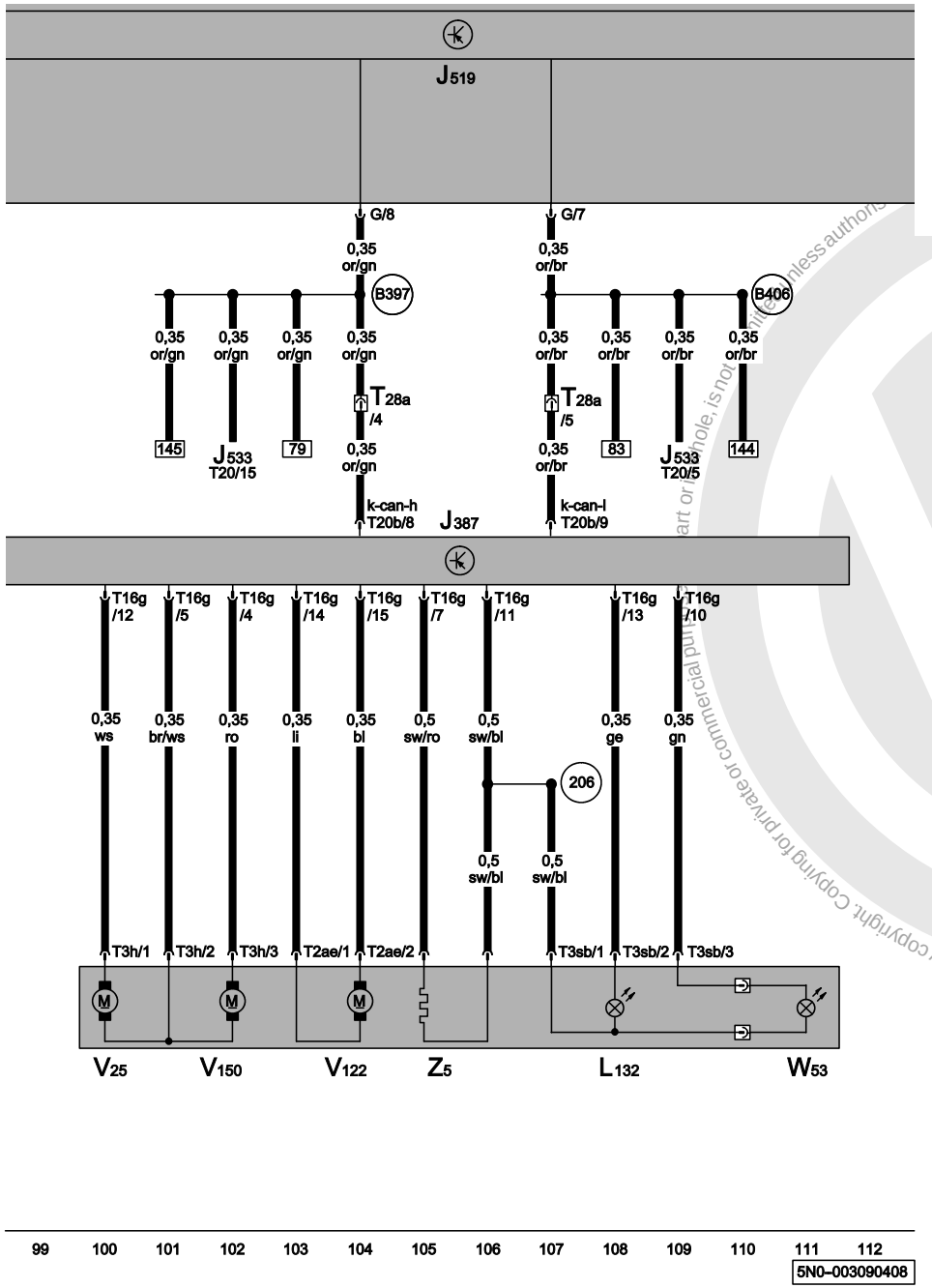


Front passenger door window regulator motor, window regulator switch in front passenger door, front passenger side central locking lock unit, front passenger door door contact switch and control unit

E107	Window regulator switch in front passenger door
E309	Front passenger side interior locking button for central locking system
F3	Front passenger door contact switch
F221	Front passenger side central locking lock unit
J387	Front passenger side door control unit
J519	Onboard supply control unit
K175	Front passenger side interior locking warning lamp
L76	Button illumination bulb
L147	Front passenger side door interior handle illumination bulb
T2gt	2-pin connector, black
T4am	4-pin connector, black
T4un	4-pin connector, blue
T6ba	6-pin connector, black
T8ab	8-pin connector, black
T20b	20-pin connector, black
T28a	28-pin connector, behind lower part of right A-pillar trim
T32b	32-pin connector, grey
V57	Front passenger seat central locking motor
V148	Front passenger side window regulator motor
43	Earth point, lower part of right A-pillar
268	Earth connection 2, in front passenger side door wiring harness
*	Depends on equipment
**	Up to November 2008
***	From November 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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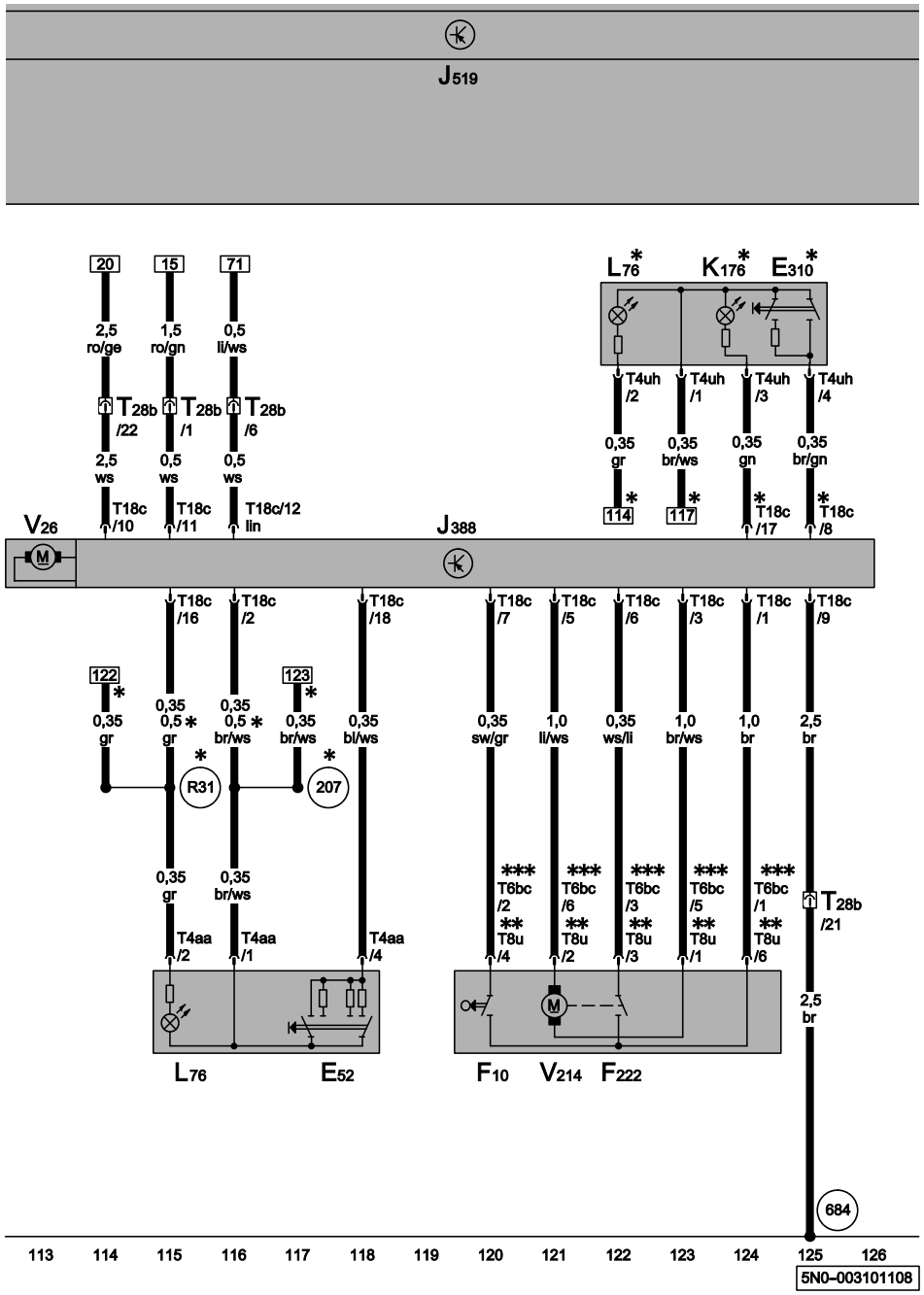


Turn signal and front passenger side exterior mirror turn signal, motor for front passenger side mirror adjustment and front passenger side fold-in mirror, front passenger door control unit

J387	Front passenger side door control unit
J519	Onboard supply control unit
J533	Data bus diagnosis interface
L132	Front passenger side exterior mirror turn signal bulb
T2ae	2-pin connector, white
T3sb	3-pin connector, black
T3h	3-pin connector
T16g	16-pin connector, black
T20	20-pin connector, red
T20b	20-pin connector, black
T28a	28-pin connector
V25	Front passenger side mirror adjustment motor
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
W53	Front passenger side entry light in exterior mirror
Z5	Front passenger side heated exterior mirror
206	Earth connection, in front passenger door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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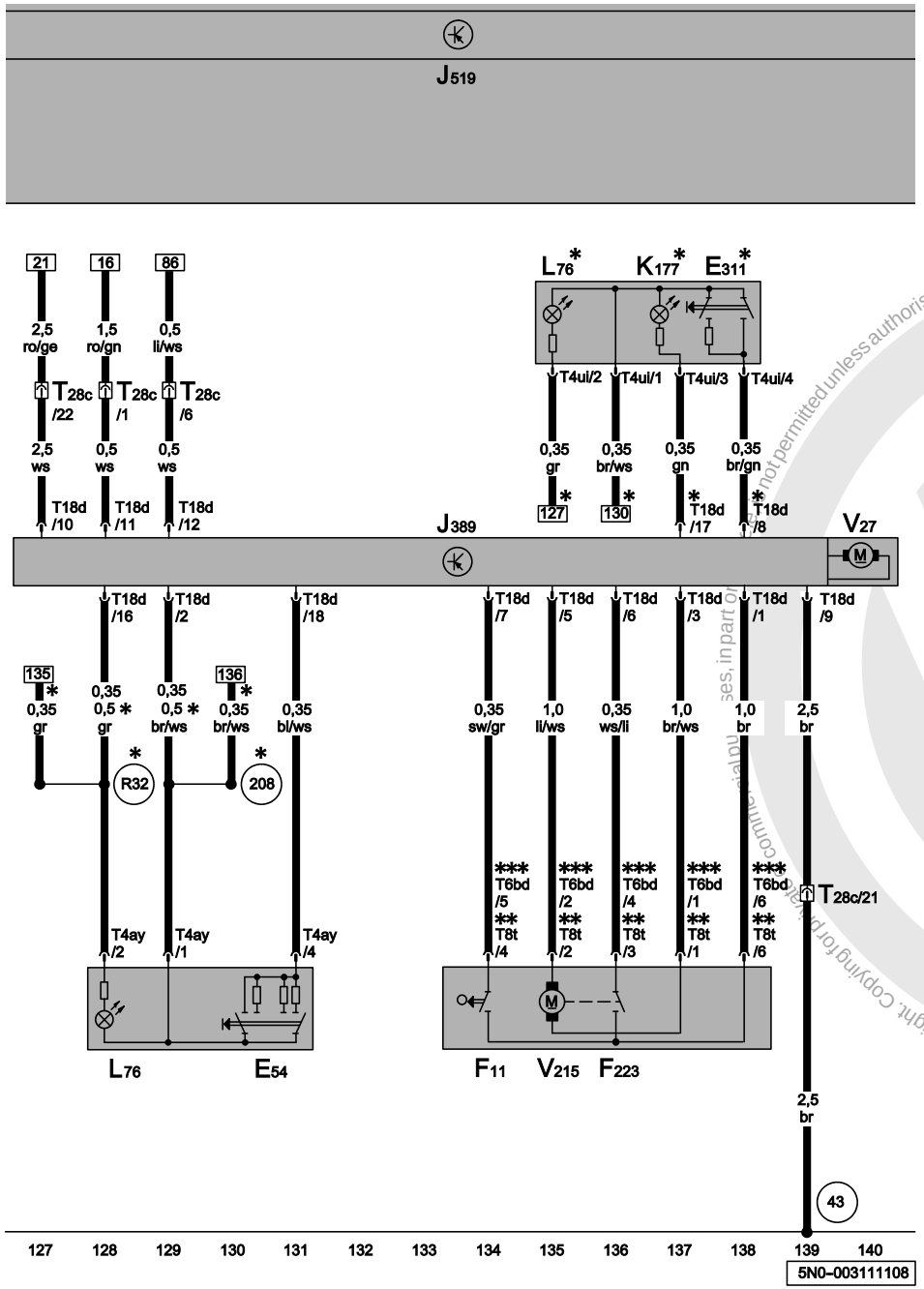


Rear left window regulator motor, rear left window regulator switch, rear left door control unit, rear left central locking lock unit, rear left central locking motors

E52	Rear left window regulator switch, in door
E310	Rear left interior locking button for central locking system
F10	Rear left door contact switch
F222	Rear left central locking lock unit
J388	Rear left door control unit
J519	Onboard supply control unit
K176	Rear left interior locking warning lamp
L76	Button illumination bulb
T4aa	4-pin connector, black
T4uh	4-pin connector, blue
T8u	8-pin connector, black
T6bc	6-pin connector, black
T18c	18-pin connector, black
T28b	28-pin connector
V26	Rear left window regulator motor
V214	Rear left door central locking motor, lock
207	Earth connection, in rear left door wiring harness
684	Earth point, on front of left side member
R31	Connection 1, in rear left door wiring harness
*	Depends on equipment
**	Up to November 2008
***	From November 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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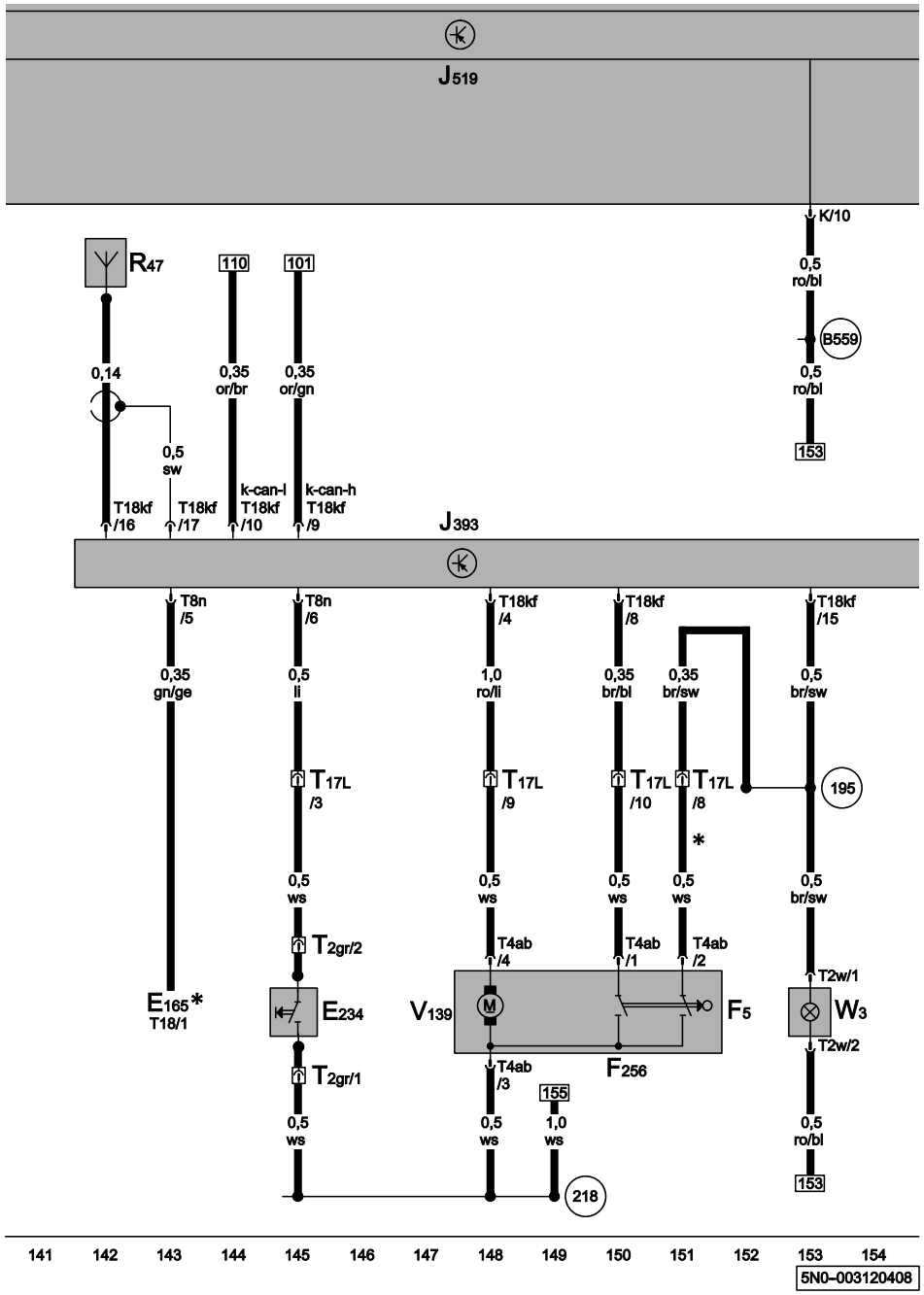


Rear right window regulator switch, rear right central locking lock unit, rear right door contact switch, rear right door control unit

E54	Rear right window regulator switch, in door
E311	Rear right interior locking button for central locking system
F11	Rear right door contact switch
F223	Rear right central locking lock unit
J389	Rear right door control unit
K177	Rear right interior locking warning lamp
J519	Onboard supply control unit
L76	Button illumination bulb
V27	Rear right window regulator motor
T4ay	4-pin connector, black
T4ui	4-pin connector, blue
T6bd	8-pin connector, black
T8t	8-pin connector, black
T18d	18-pin connector, black
T28c	28-pin connector
V215	Rear right door central locking motor, lock
43	Earth point, lower part of right A-pillar
208	Earth connection, in rear right door wiring harness
R32	Connection 1, in rear right door wiring harness
*	Depends on equipment
**	Up to November 2008
***	From November 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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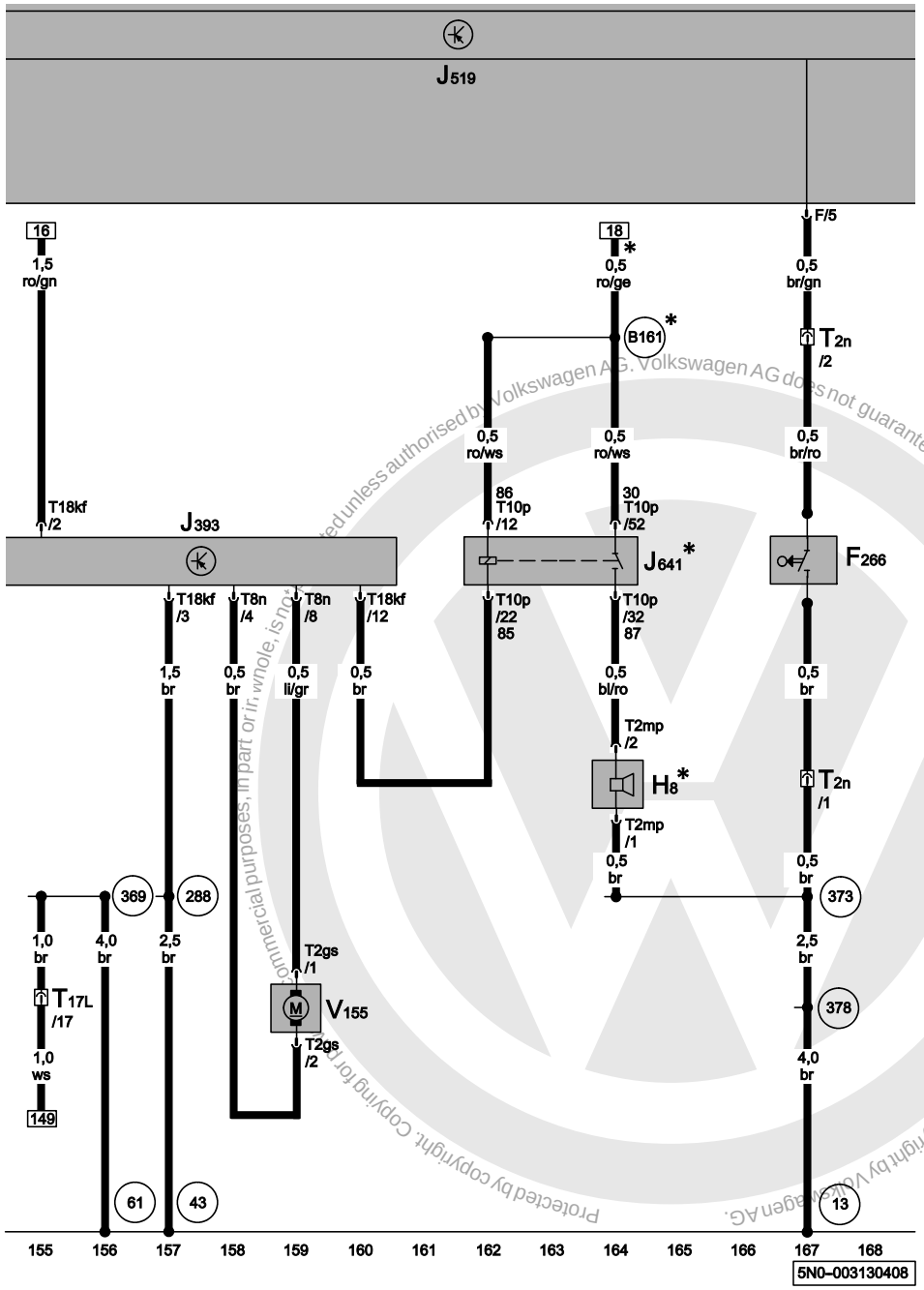


Central locking and anti-theft alarm system aerial, luggage compartment lighting, rear lid release, rear lid lock unit, convenience system central control unit

E165	Rear lid release switch
E234	Rear lid handle release button
F5	Luggage compartment light switch
F256	Rear lid lock unit
J393	Convenience system central control unit
J519	Onboard supply control unit
R47	Central locking and anti-theft alarm system aerial
T2w	2-pin connector, black
T2gr	2-pin connector, black
T4ab	4-pin connector, black
T8n	8-pin connector, black
T17L	17-pin connector, black
T18	18-pin connector, black
T18kf	18-pin connector, brown
V139	Rear lid release motor
W3	Luggage compartment light
195	Earth connection, in rear door switch wiring harness
218	Earth connection 1, in rear lid wiring harness
B559	Connection 1 (30g), in main wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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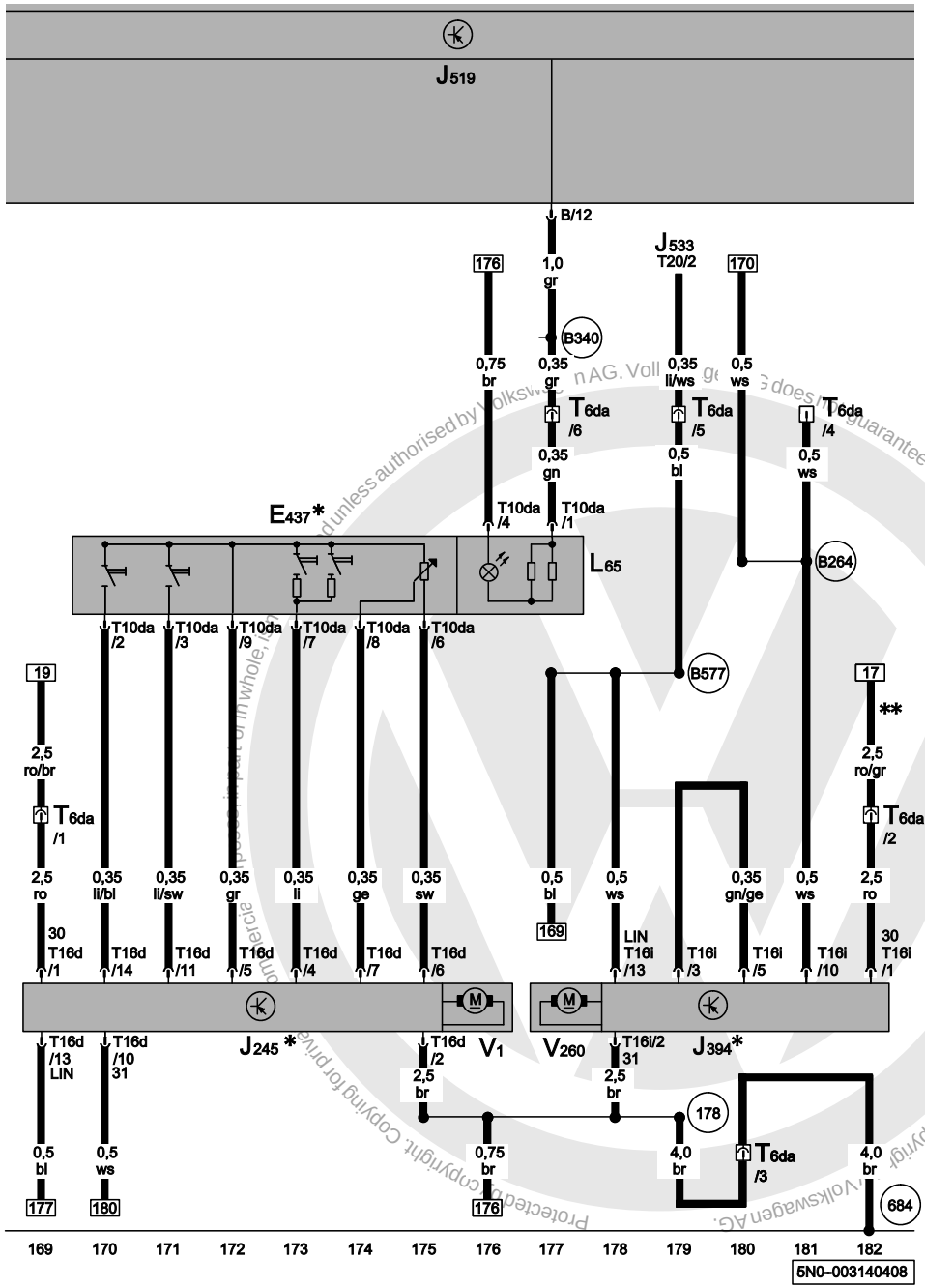


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Tank filler flap locking motor, alarm horn relay, anti-theft alarm system horn, convenience system central control unit

F266	Bonnet contact switch
H8	Anti-theft alarm system horn
J393	Convenience system central control unit
J519	Onboard supply control unit
J641	Alarm horn relay
T2gs	2-pin connector, black
T2mp	2-pin connector, black
T2n	2-pin connector, black
T8n	8-pin connector, black
T10p	10-pin connector, black
T17L	17-pin connector, black
T18kf	18-pin connector, brown
V155	Tank filler flap locking motor
13	Earth point, on right in engine compartment
43	Earth point, lower part of right A-pillar
61	Earth point, on left C-pillar
288	Earth connection (HRC), in dash panel wiring harness
369	Earth connection 4, in main wiring harness
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
B161	Connection (ATA), in interior wiring harness
*	Depends on equipment

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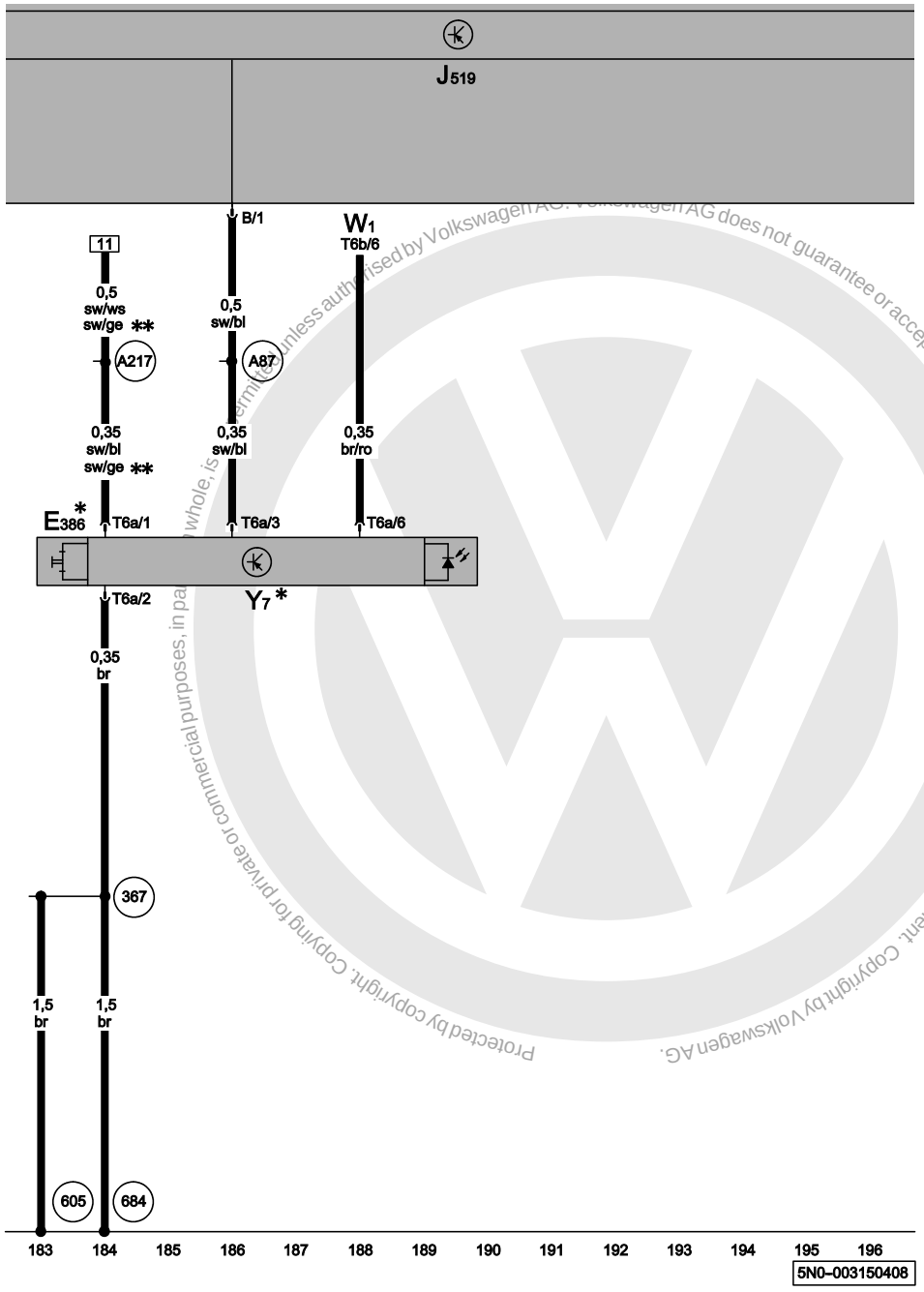


ws = white
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br = brown
gn = green
bl = blue
gr = grey
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Sunroof roller blind control unit, sliding roof motor, roof roller blind control unit, sliding roof control unit, roller blind and sliding roof button

E437	Sun blind and sunroof button
J245	Sliding sunroof adjustment control unit
J394	Sunroof roller blind control unit
J519	Onboard supply control unit
J533	Data bus diagnosis interface
L65	Sliding sunroof switch illumination bulb
T6da	6-pin connector, black
T10da	10-pin connector
T16d	16-pin connector
T16i	16-pin connector
T20	20-pin connector, red
V1	Sliding sunroof motor
V260	Sunroof roller blind motor
178	Earth connection, in sliding sunroof wiring harness
684	Earth point, on front of left side member
B264	Connection 1, in roof wiring harness
B340	Connection 1 (58d), in main wiring harness
B577	LIN bus connection, in roof wiring harness
*	Depends on equipment
**	Only models with sliding sunroof control unit

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Automatic anti-dazzle interior mirror, anti-dazzle interior mirror button

E386 Anti-dazzle interior mirror button
J519 Onboard supply control unit
T6a 6-pin connector, black
T6b 6-pin connector, blue
W1 Front interior light
Y7 Automatic anti-dazzle interior mirror

(367) Earth connection 2, in main wiring harness

(605) Earth point, on top of steering column

(684) Earth point, on front of left side member

(A87) Connection (RL), in dash panel wiring harness

(A217) Positive connection 8 (15a) in dash panel wiring harness

* Depends on equipment
** Gradual introduction in model year 2008

Convenience system

⇒ **Electrically adjustable and heated exterior mirrors, fold-in mirrors**
⇒ **Anti-theft alarm system**
⇒ **Rear lid remote release**
⇒ **Panoramic sliding roof**
⇒ **Automatic anti-dazzle interior mirror**

From November 2007

Notes:

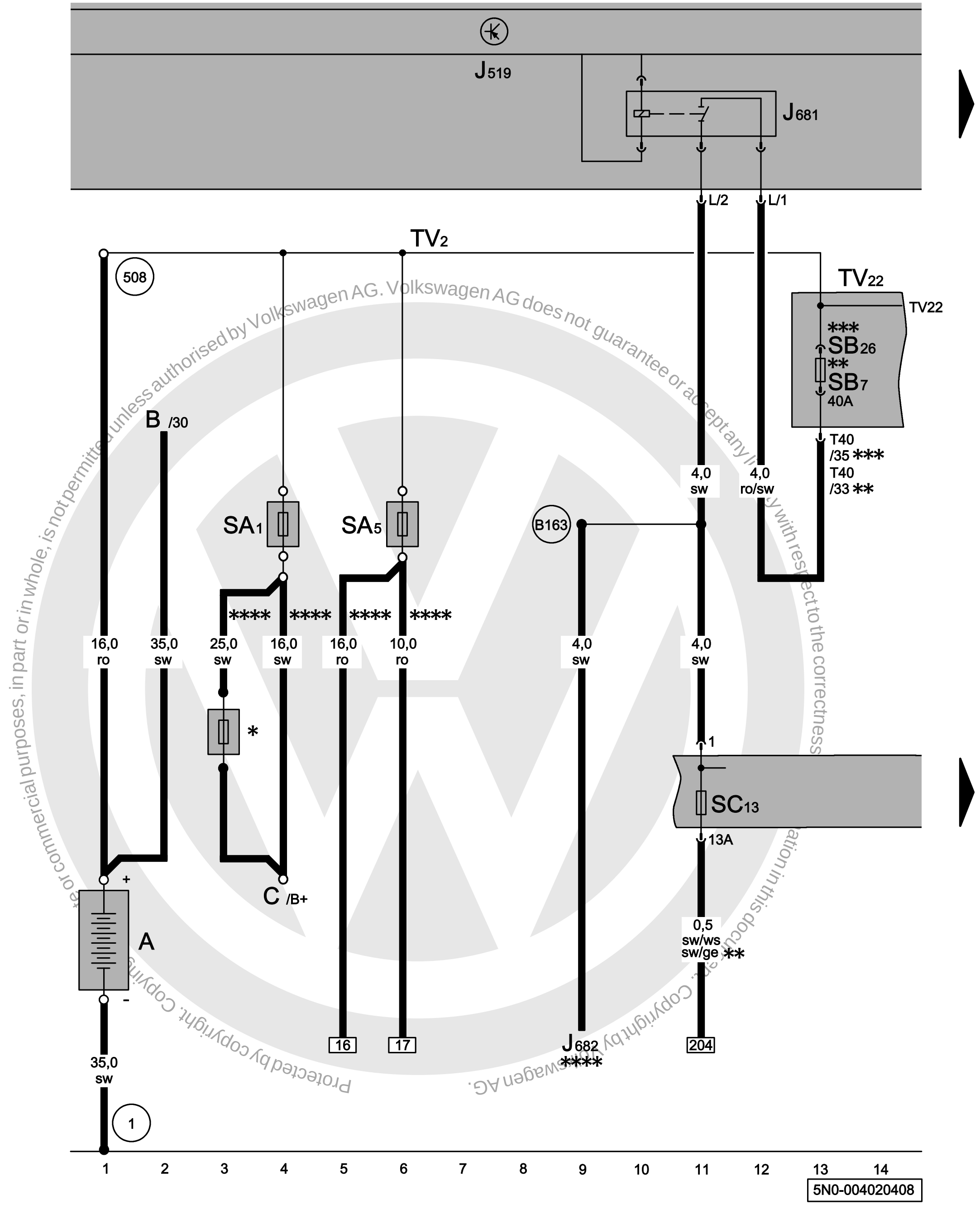
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

⇒ Overview of Fitting Locations!

For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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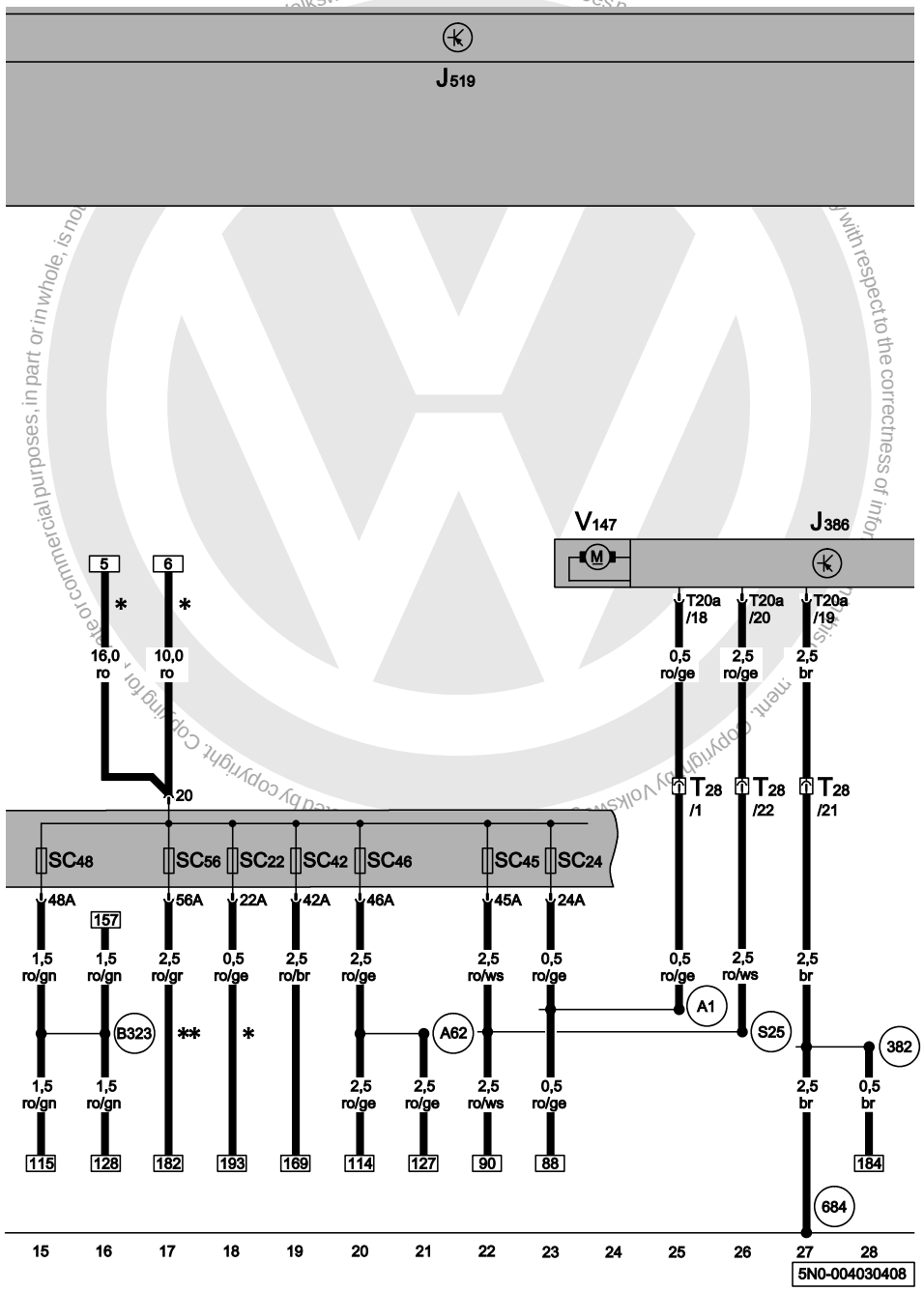


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Terminal 15 voltage supply relay 2, fuses

A	Battery
B	Starter
C	Alternator
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SA1	Fuse 1 on fuse holder A
SA5	Fuse 5 on fuse holder A
SB7	Fuse 7 on fuse holder B
SB26	Fuse 26 on fuse holder B
SC13	Fuse 13 on fuse holder C
T40	40-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
508	Screw connection (30) on E-box
B163	Positive connection 1 (15), in interior wiring harness
*	On models with 180A alternator, 200A fuse integrated in wiring harness
**	From May 2008
***	Up to May 2008
****	Depends on equipment

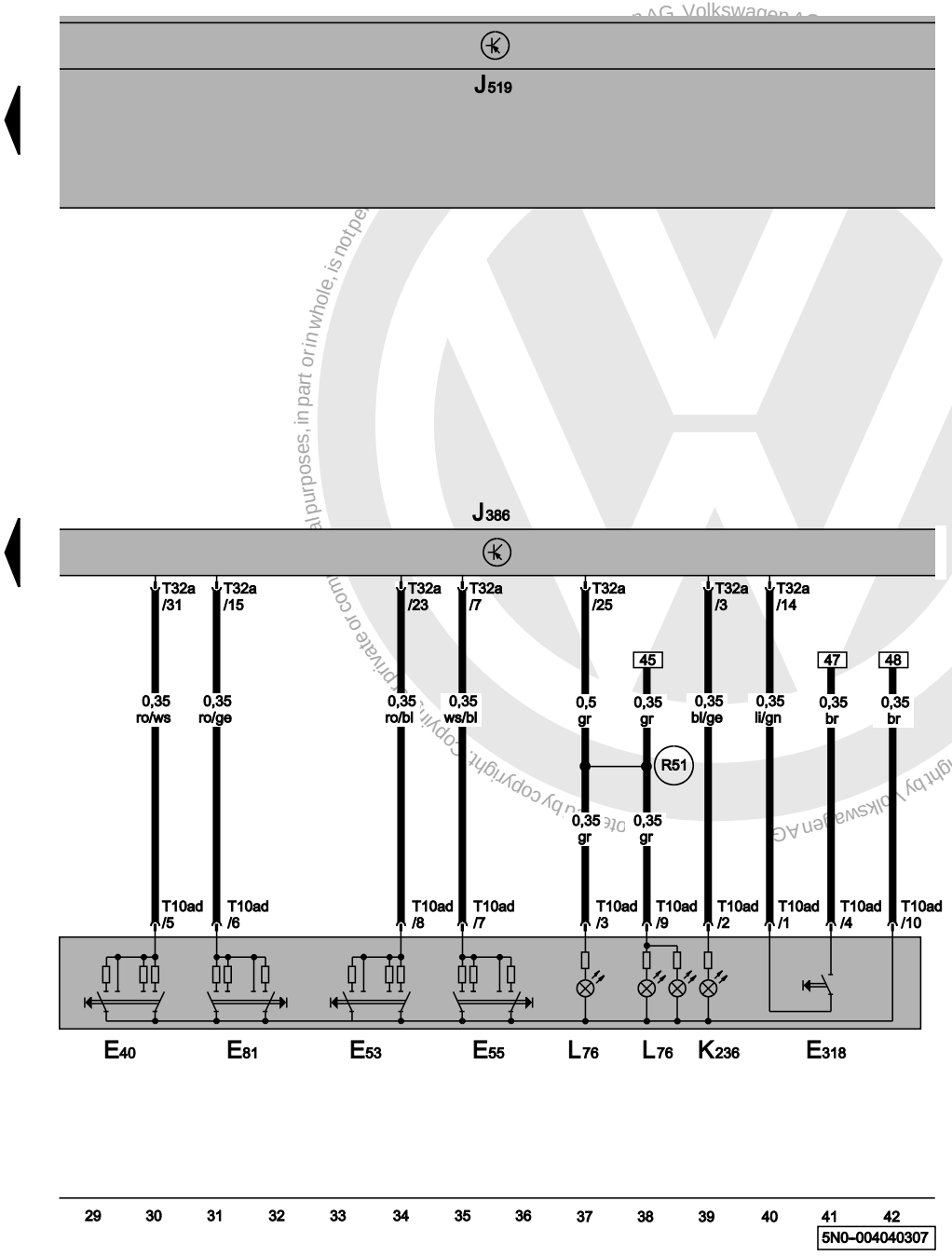
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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Driver window regulator motor, driver door control unit

J386	Driver door control unit
J519	Onboard supply control unit
SC22	Fuse 22 on fuse holder C
SC24	Fuse 24 on fuse holder C
SC42	Fuse 42 on fuse holder C
SC45	Fuse 45 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC48	Fuse 48 on fuse holder C
SC56	Fuse 56 on fuse holder C
T20a	20-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
V147	Driver side window regulator motor
382	Earth connection 17, in main wiring harness
684	Earth point, on front of left side member
A1	Positive connection (30a), in dash panel wiring harness
A62	Connection (window regulators), in dash panel wiring harness
B323	Connection 9 (30a), in main wiring harness
S25	Positive connection (30a), in central locking wiring harness
*	Depends on equipment
**	Only models with sliding sunroof control unit

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

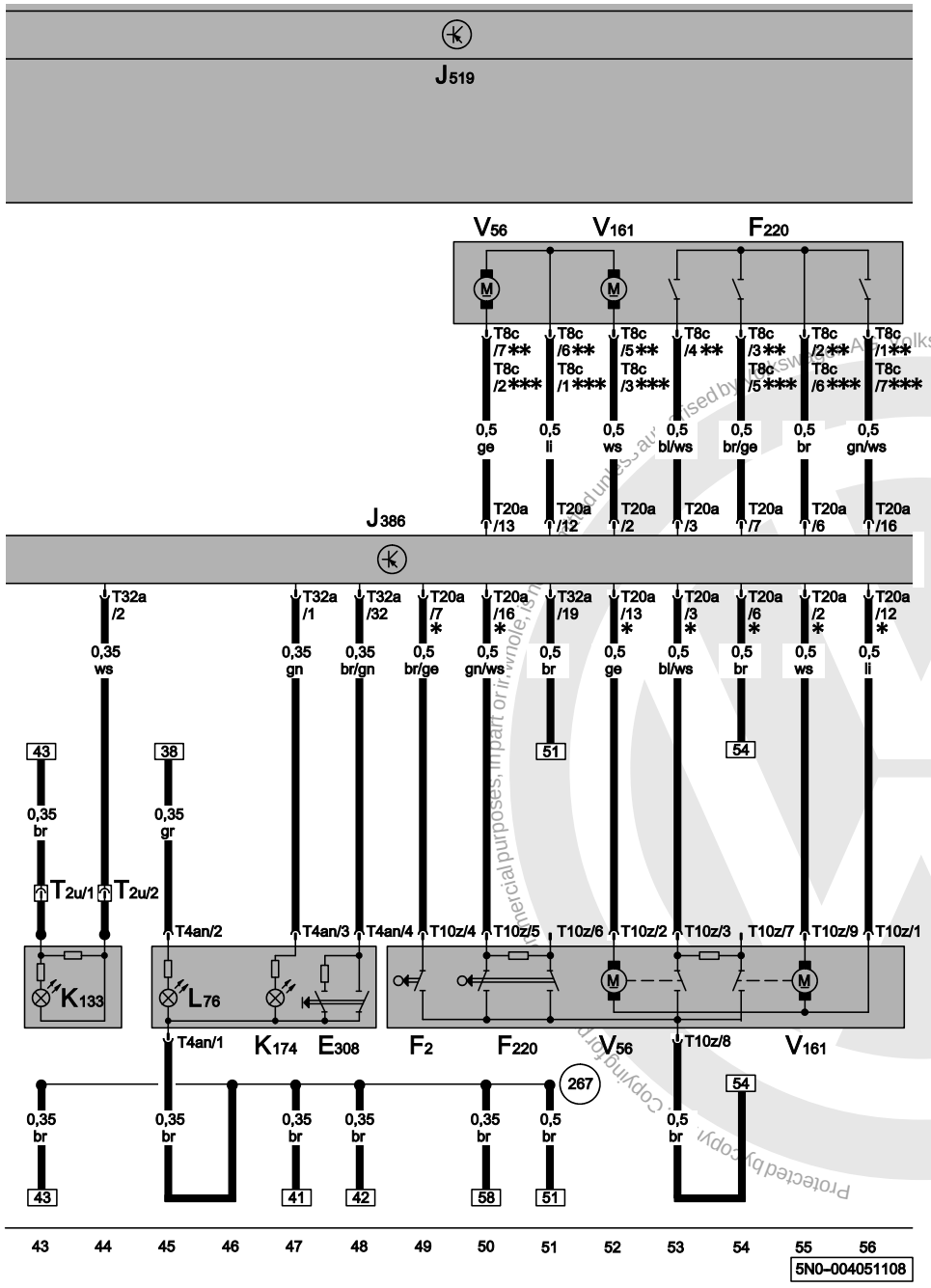


Driver door window regulator switch, active child lock warning lamp, button illumination bulb, child lock button, driver door control unit

E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E318	Childproof lock button
J386	Driver door control unit
J519	Onboard supply control unit
K236	Warning light for activated childproof lock
L76	Button illumination bulb
T10ad	10-pin connector, black
T32a	32-pin connector, grey
R51	Connection (58b), in driver side door wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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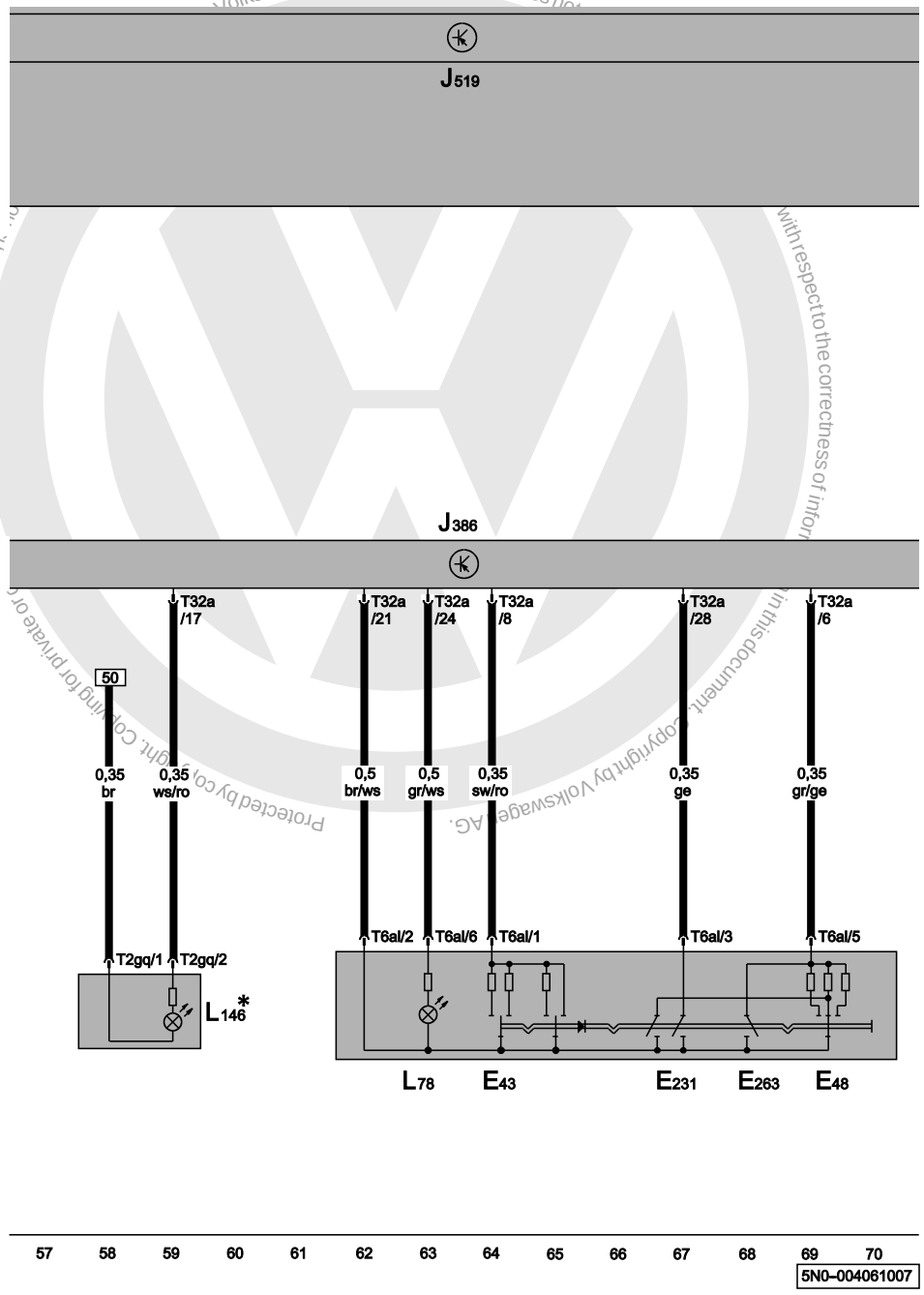


Central locking deadlock function warning lamp -SAFE-, driver side central locking lock unit, driver side interior locking button for central locking system, driver door control unit

E308	Driver side interior locking button for central locking system
F2	Driver door contact switch
F220	Driver side central locking lock unit
J386	Driver door control unit
J519	Onboard supply control unit
K133	Central locking deadlock function warning lamp -SAFE-
K174	Driver side interior locking warning lamp
L76	Button illumination bulb
T2u	2-pin connector, black
T4an	4-pin connector, blue
T8c	8-pin connector, black
T10z	10-pin connector, black
T20a	20-pin connector, black
T32a	32-pin connector, grey
V56	Driver door central locking motor
V161	Driver door central locking deadlock function motor
267	Earth connection 2, in driver side door wiring harness
*	Up to February 2009
**	From February 2008
***	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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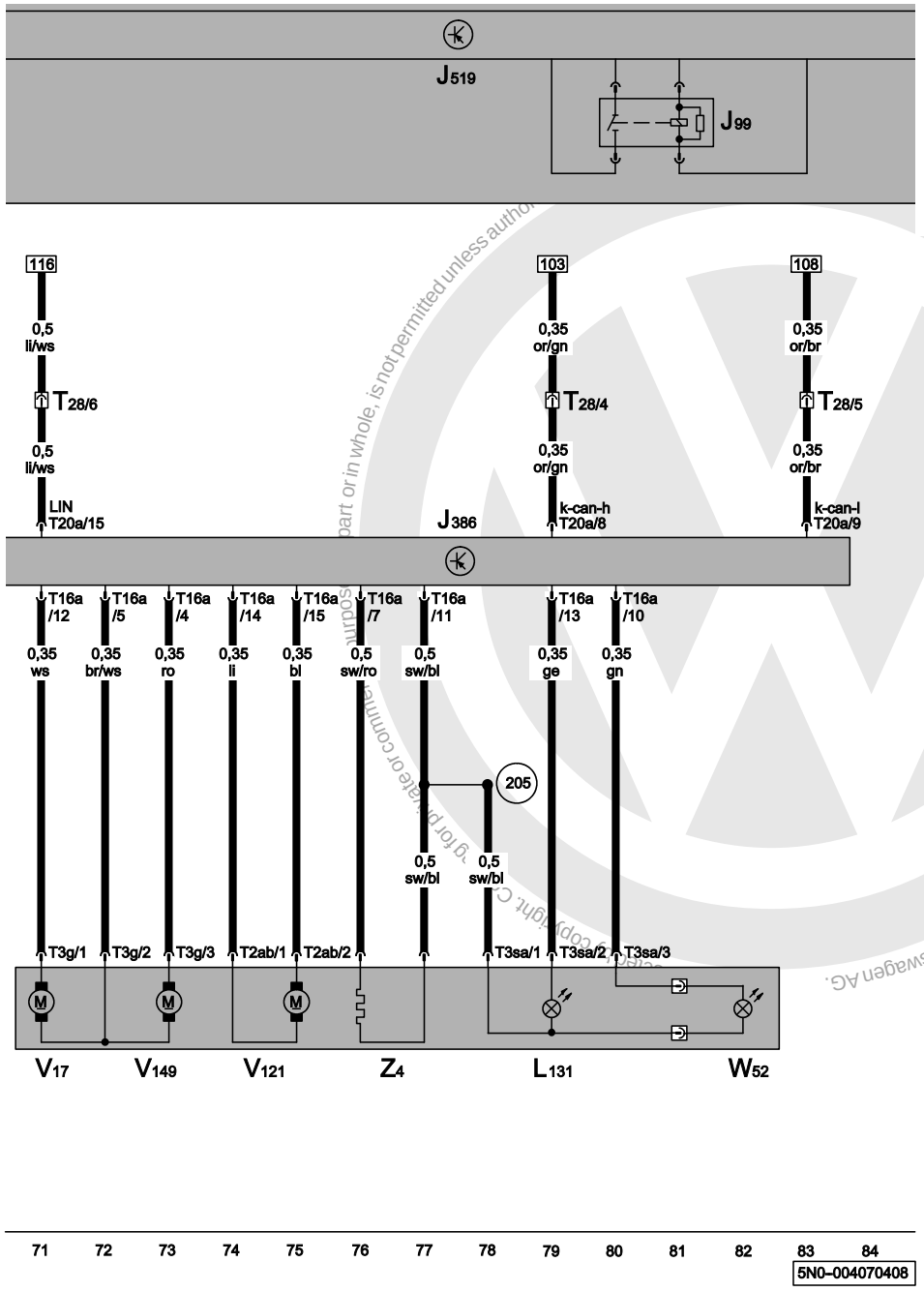


Switch for mirror adjustment and mirror fold-in, exterior mirror heater button, driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E231	Exterior mirror heater button
E263	Fold-in mirror switch
J386	Driver door control unit
J519	Onboard supply control unit
L78	Mirror adjustment switch illumination bulb
L146	Driver side door interior handle illumination bulb
T2gq	2-pin connector, black
T6al	6-pin connector, brown
T32a	32-pin connector, grey
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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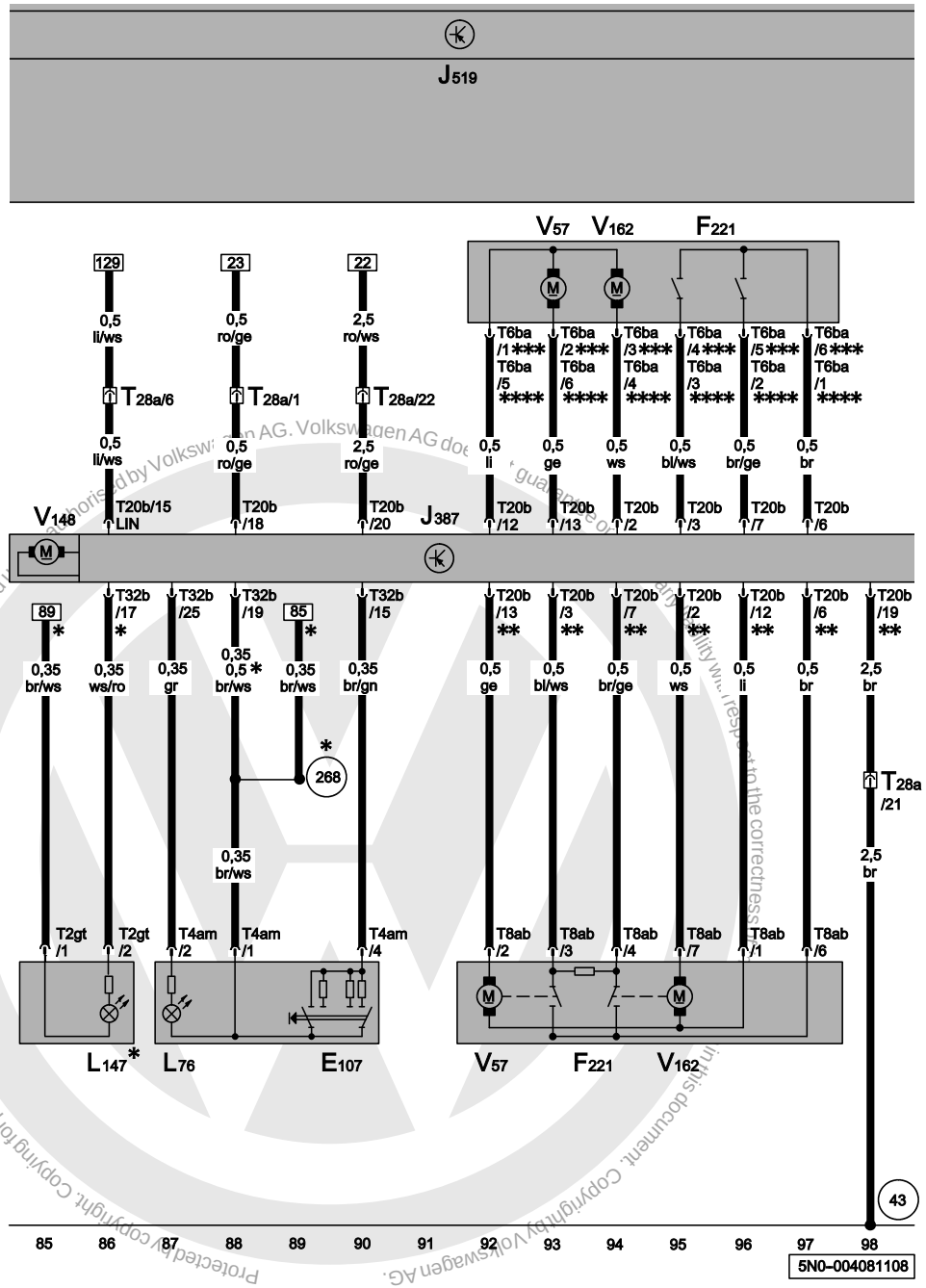


Turn signal and driver side entry light in exterior mirror, motor for driver side mirror adjustment and driver side mirror fold-in, heated exterior mirror relay, driver door control unit

J99	Heated exterior mirror relay
J386	Driver door control unit
J519	Onboard supply control unit
L131	Driver side exterior mirror turn signal bulb
T2ab	2-pin connector, white
T3g	3-pin connector
T3sa	3-pin connector, black
T16a	16-pin connector, black
T20a	20-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
V17	Driver side mirror adjustment motor
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
W52	Driver side entry light in exterior mirror
Z4	Driver side heated exterior mirror
205	Earth connection, in driver door wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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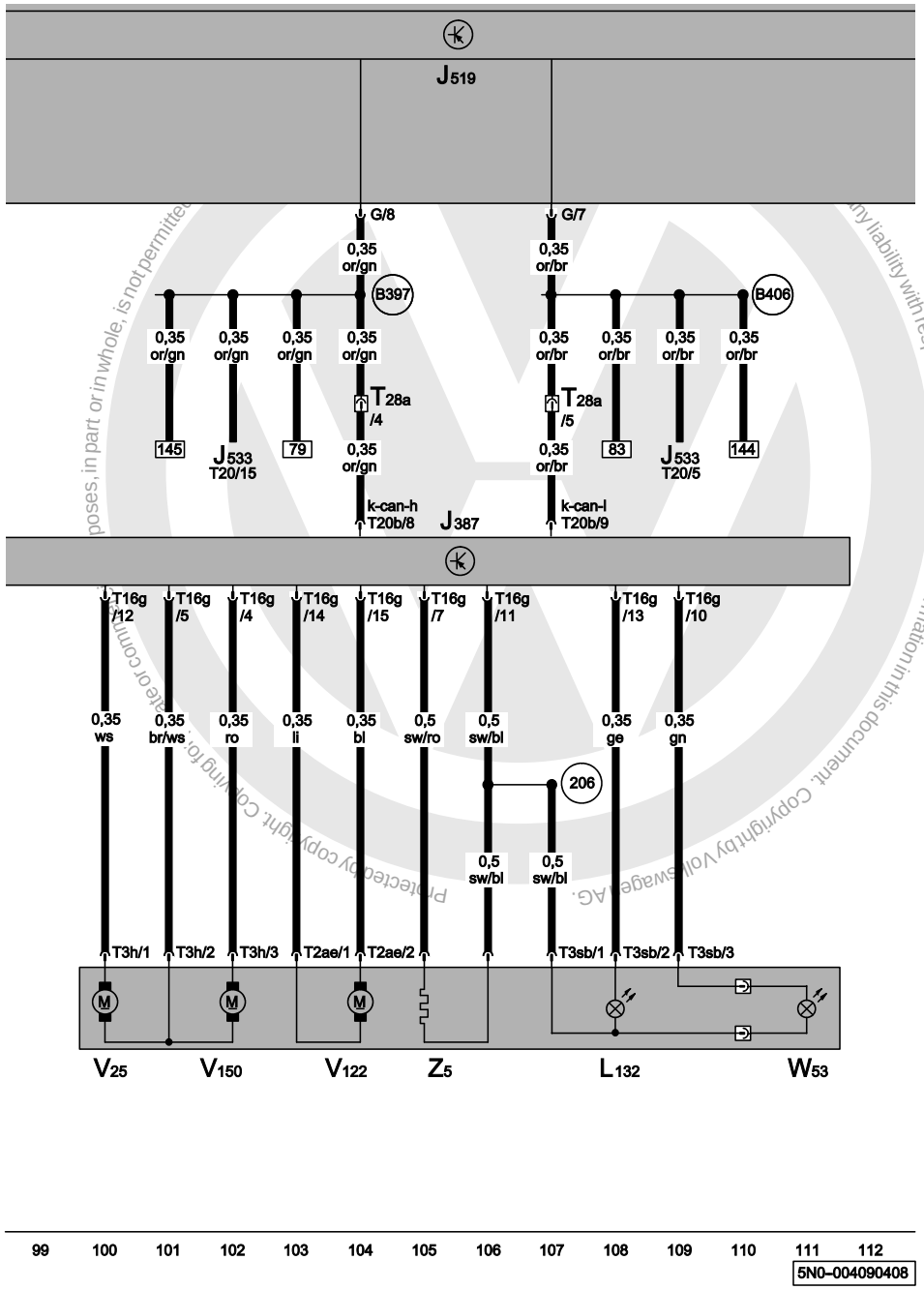


Front passenger door window regulator motor, window regulator switch in front passenger door, front passenger side central locking lock unit, front passenger door control unit

E107	Window regulator switch in front passenger door
F221	Front passenger side central locking lock unit
J387	Front passenger side door control unit
J519	Onboard supply control unit
L76	Button illumination bulb
L147	Front passenger side door interior handle illumination bulb
T2gt	2-pin connector, black
T4am	4-pin connector, black
T6ba	6-pin connector, black
T8ab	8-pin connector, black
T20b	20-pin connector, black
T28a	28-pin connector, behind lower part of right A-pillar trim
T32b	32-pin connector, grey
V57	Front passenger seat central locking motor
V148	Front passenger side window regulator motor
V162	Front passenger door central locking deadlock function motor
43	Earth point, lower part of right A-pillar
268	Earth connection 2, in front passenger side door wiring harness
*	Depends on equipment
**	Up to February 2009
***	From February 2009
****	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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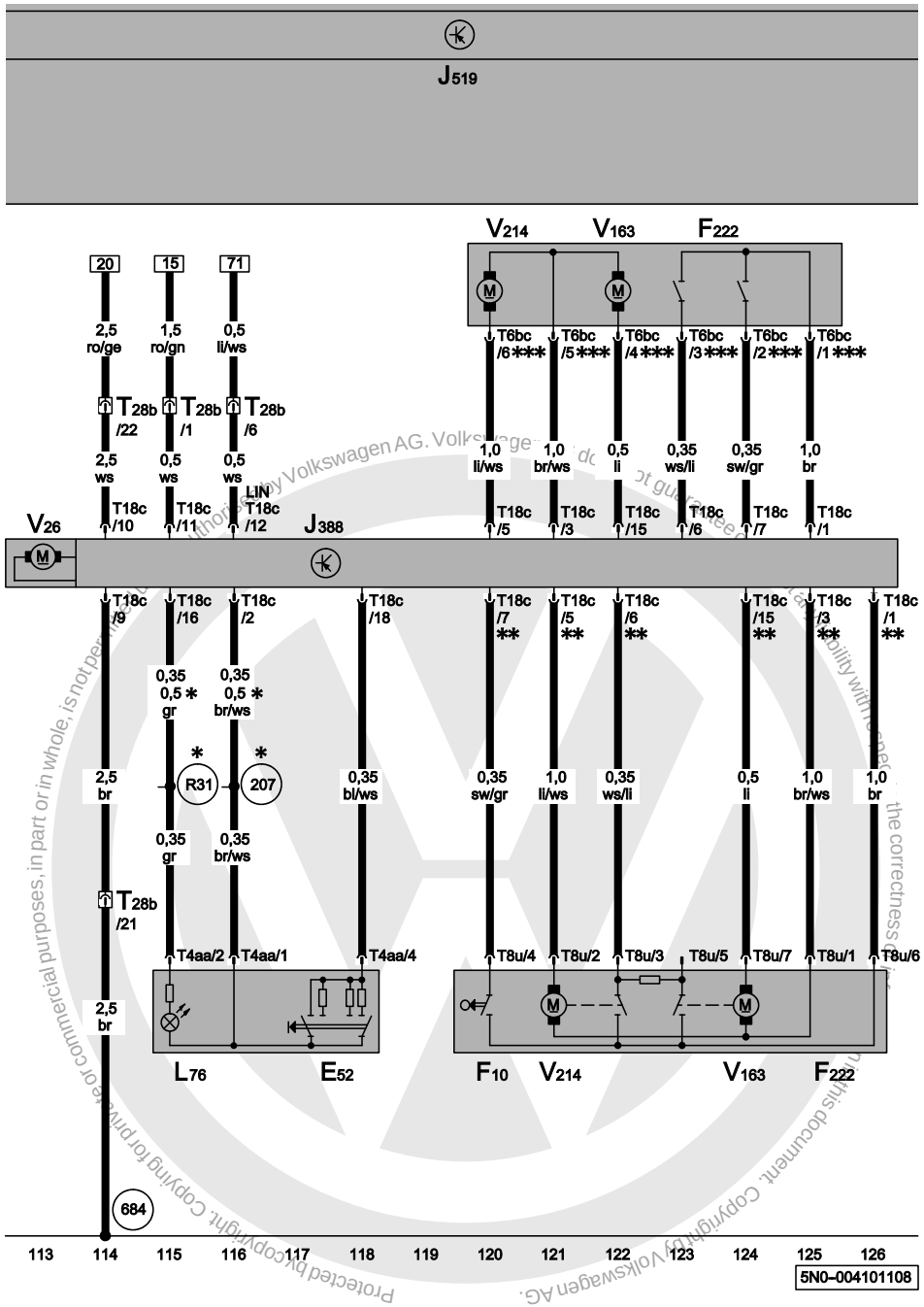


Turn signal and front passenger side exterior mirror turn signal, motor for front passenger side mirror adjustment and front passenger side fold-in mirror, front passenger door control unit

J387	Front passenger side door control unit
J519	Onboard supply control unit
J533	Data bus diagnosis interface
L132	Front passenger side exterior mirror turn signal bulb
T2ae	2-pin connector, white
T3sb	3-pin connector, black
T3h	3-pin connector
T16g	16-pin connector, black
T20	20-pin connector, red
T20b	20-pin connector, black
T28a	28-pin connector, behind lower part of right A-pillar trim
V25	Front passenger side mirror adjustment motor
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
W53	Front passenger side entry light in exterior mirror
Z5	Front passenger side heated exterior mirror
206	Earth connection, in front passenger door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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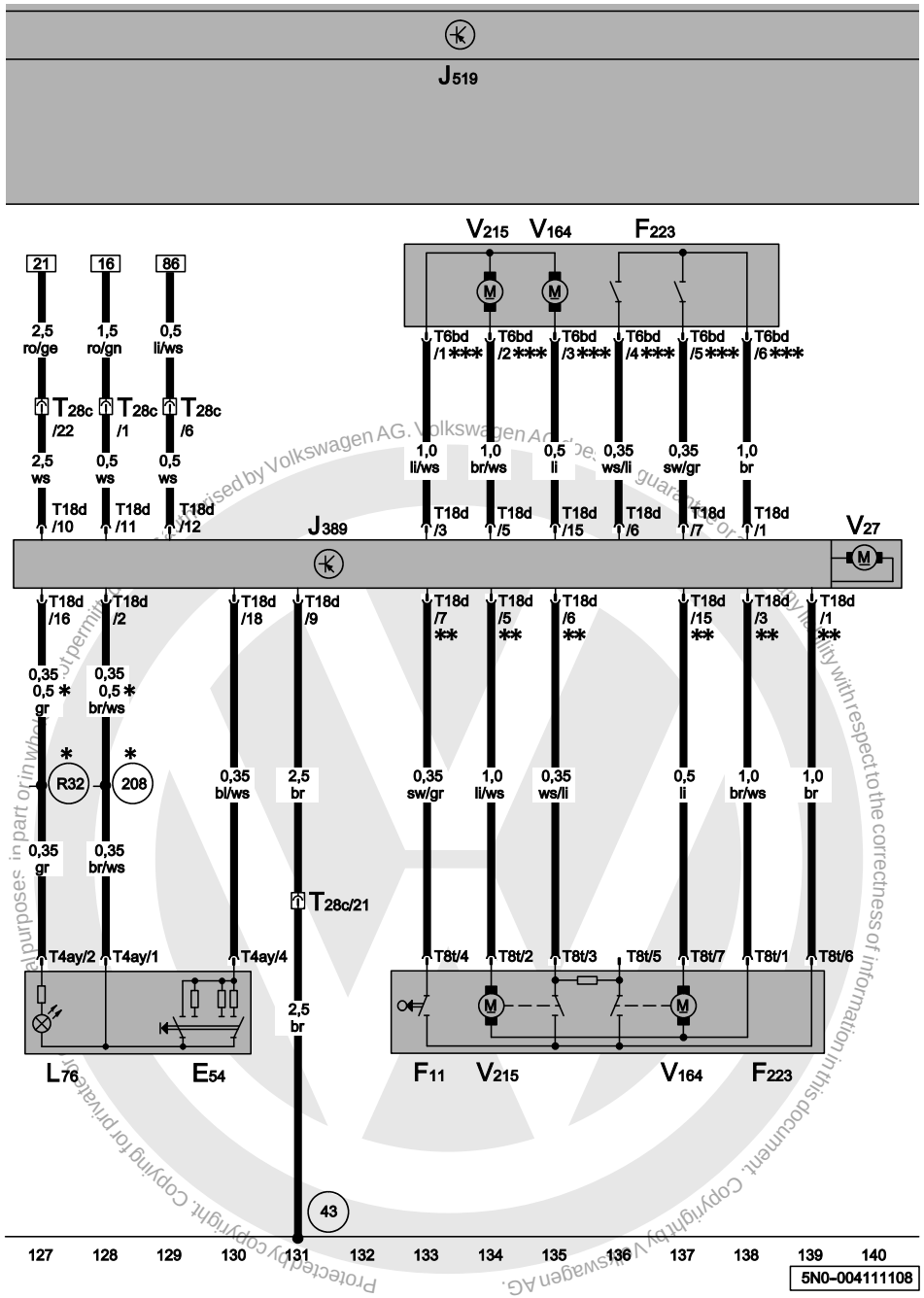


Rear left window regulator motor, rear left window regulator switch, rear left door control unit, rear left central locking lock unit, rear left central locking motors

E52	Rear left window regulator switch, in door
F10	Rear left door contact switch
F222	Rear left central locking lock unit
J388	Rear left door control unit
J519	Onboard supply control unit
L76	Button illumination bulb
T4aa	4-pin connector, black
T6bc	6-pin connector, black
T8u	8-pin connector, black
T18c	18-pin connector, black
T28b	28-pin connector, behind left B-pillar trim
V26	Rear left window regulator motor
V163	Rear left door central locking deadlock function motor
V214	Rear left door central locking motor, lock
207	Earth connection, in rear left door wiring harness
684	Earth point, on front of left side member
R31	Connection 1, in rear left door wiring harness
*	Depends on equipment
**	Up to February 2009
***	From February 2009

ws	=	white
sw	=	black
ro	=	red
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bl	=	blue
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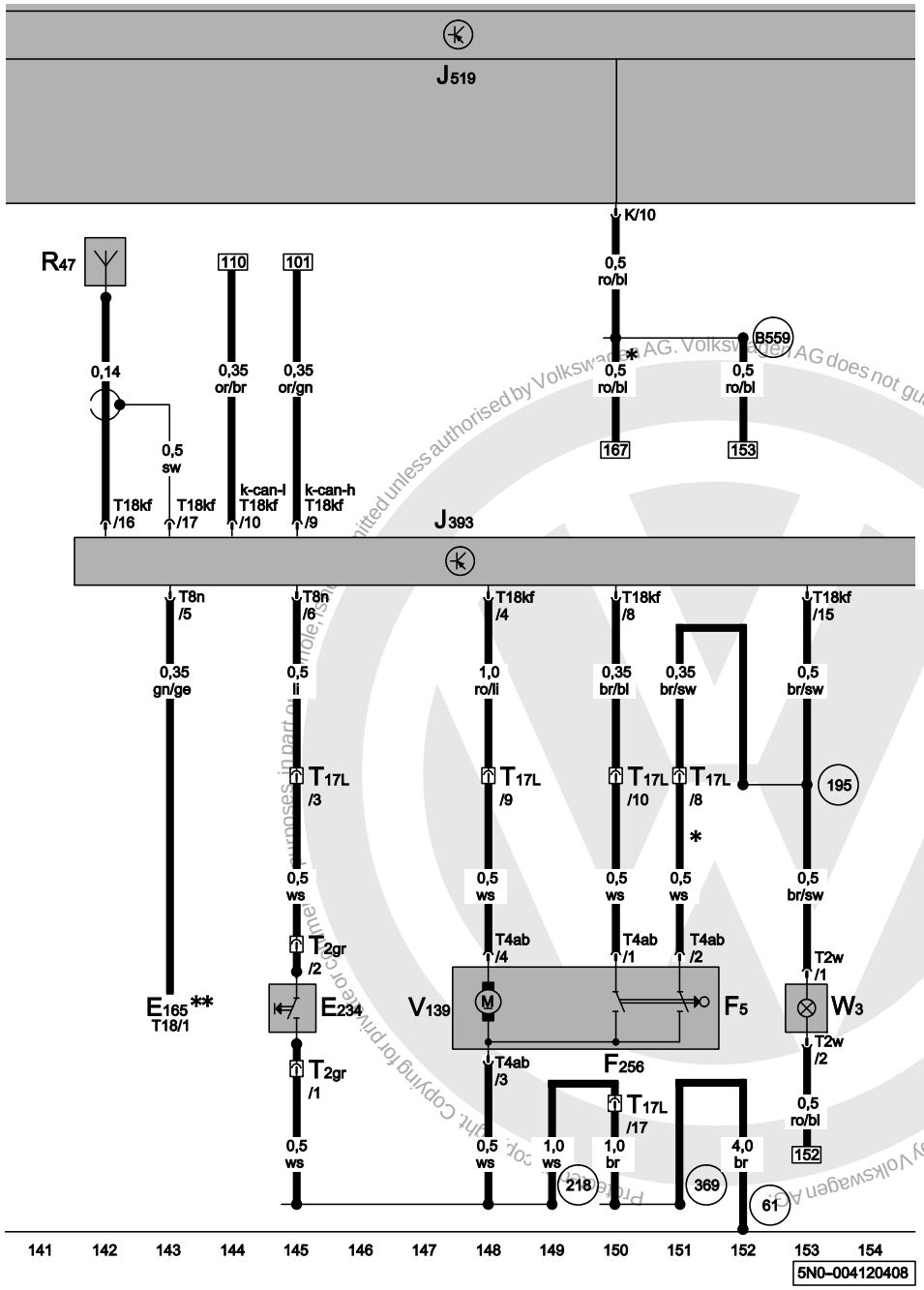


Rear right window regulator switch, rear right central locking lock unit, rear right door contact switch, rear right door control unit

E54	Rear right window regulator switch, in door
F11	Rear right door contact switch
F223	Rear right central locking lock unit
J389	Rear right door control unit
J519	Onboard supply control unit
L76	Button illumination bulb
T4ay	4-pin connector, black
T8t	8-pin connector, black
T18d	18-pin connector, black
T28c	28-pin connector, behind right B-pillar trim
V27	Rear right window regulator motor
V164	Rear right door central deadlock function locking motor
V215	Rear right door central locking motor, lock
43	Earth point, lower part of right A-pillar
208	Earth connection, in rear right door wiring harness
R32	Connection 1, in rear left door wiring harness
*	Depends on equipment
**	Up to February 2009
***	From February 2009

ws	=	white
sw	=	black
ro	=	red
br	=	brown
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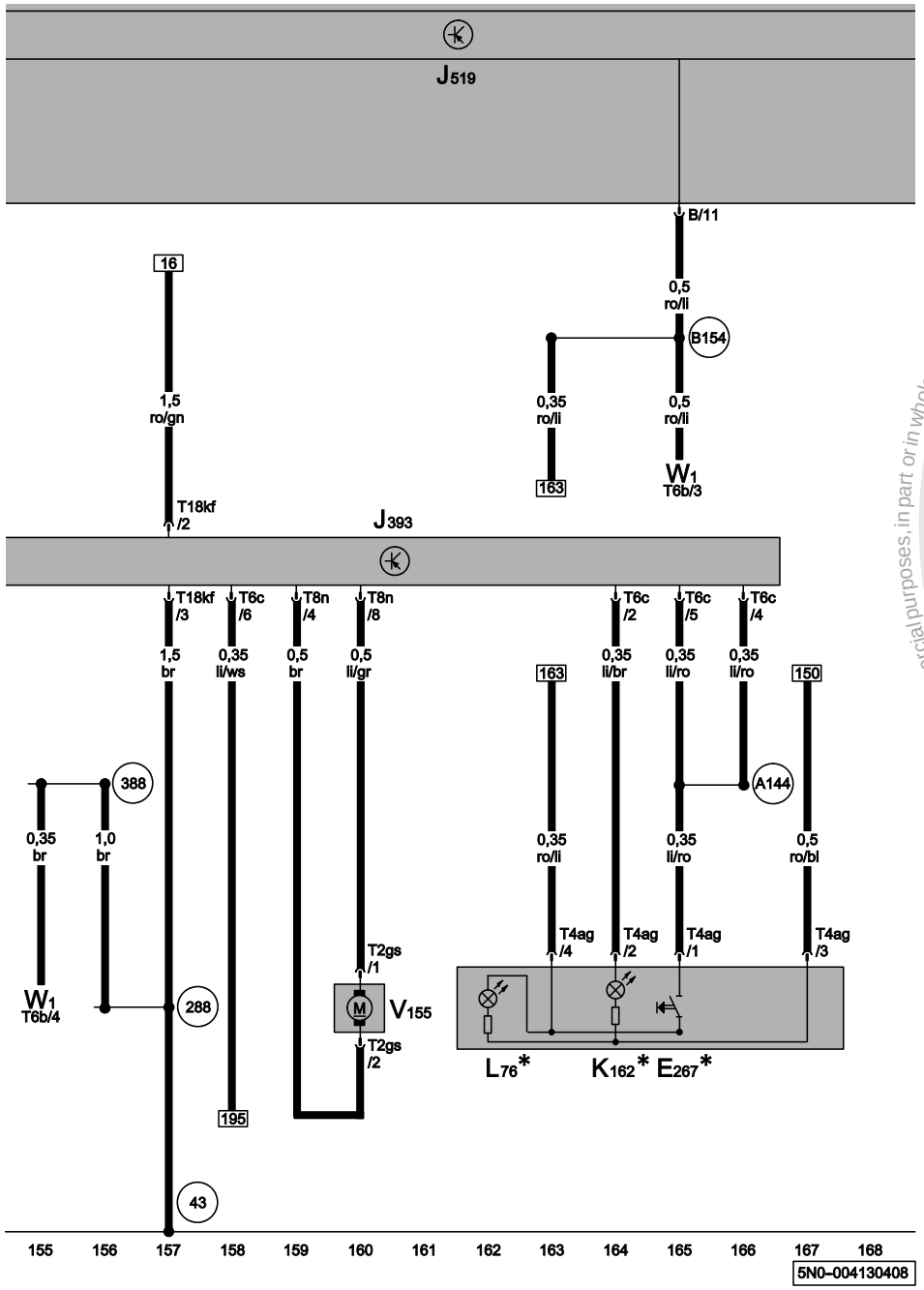


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Central locking and anti-theft alarm system aerial, luggage compartment lighting, rear lid release, rear lid lock unit, convenience system central control unit

E165	Rear lid release switch
E234	Rear lid handle release button
F5	Luggage compartment light switch
F256	Rear lid lock unit
J393	Convenience system central control unit
J519	Onboard supply control unit
R47	Central locking and anti-theft alarm system aerial
T2gr	2-pin connector, black
T2w	2-pin connector, black
T4ab	4-pin connector, black
T8n	8-pin connector, black
T17L	17-pin connector, black
T18	18-pin connector, black
T18kf	18-pin connector, brown
V139	Rear lid release motor
W3	Luggage compartment light
61	Earth point, on left C-pillar
218	Earth connection 1, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
B559	Connection 1 (30g), in main wiring harness
*	Only models with interior monitor
**	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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or	=	orange
rs	=	pink

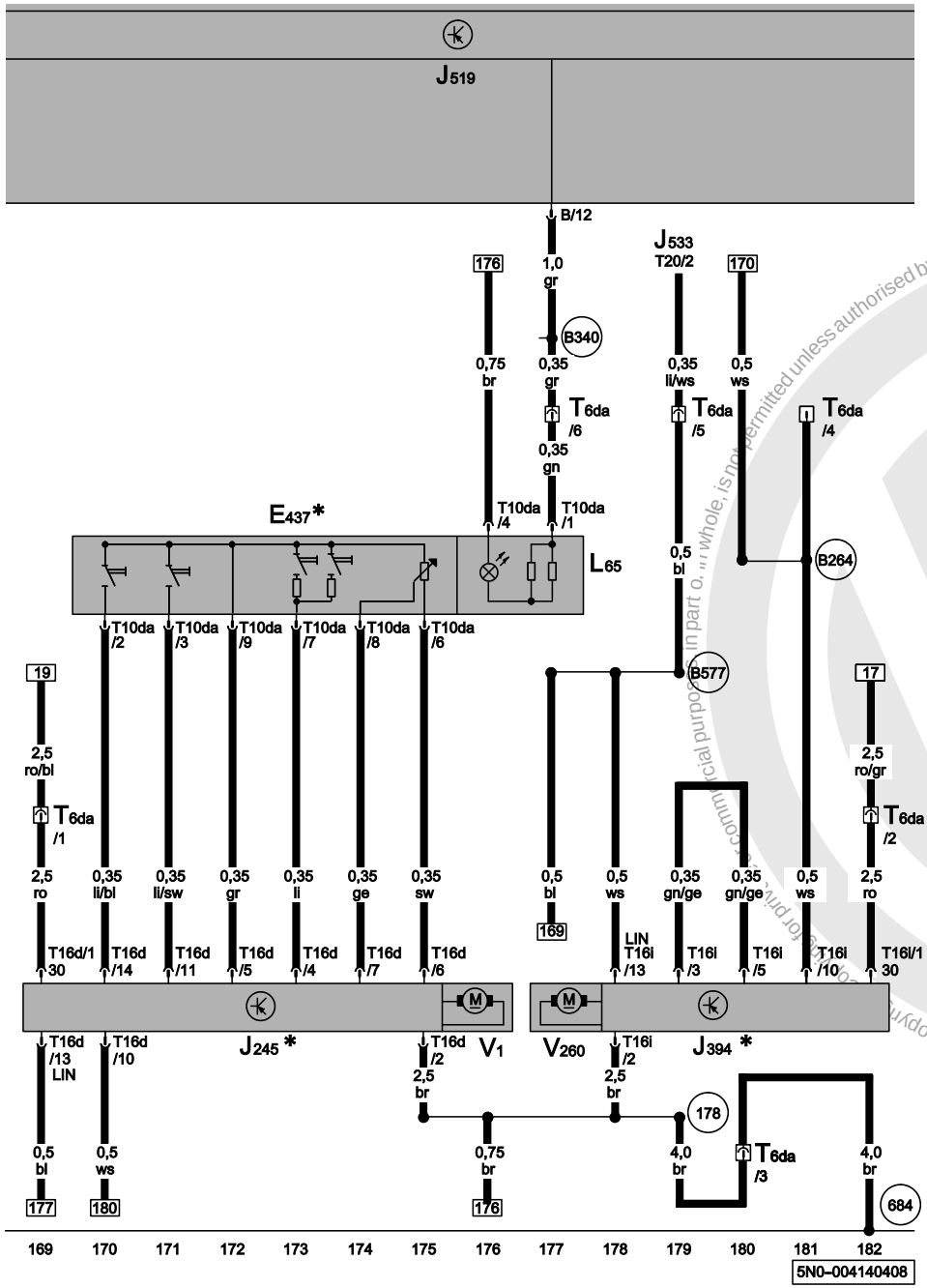


Tank filler flap locking motor, interior monitor deactivation switch, convenience system central control unit

E267	Interior monitoring deactivation switch
J393	Convenience system central control unit
J519	Onboard supply control unit
K162	Interior monitoring off warning lamp
L76	Button illumination bulb
T2gs	2-pin connector, black
T4ag	4-pin connector, black
T6b	6-pin connector, blue
T6c	6-pin connector, black
T8n	8-pin connector, black
T18kf	18-pin connector, brown
V155	Tank filler flap locking motor
W1	Front interior light
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 23, in main wiring harness
A144	Connection (interior monitoring) in dash panel wiring harness
B154	Connection 1 (DCt), in interior wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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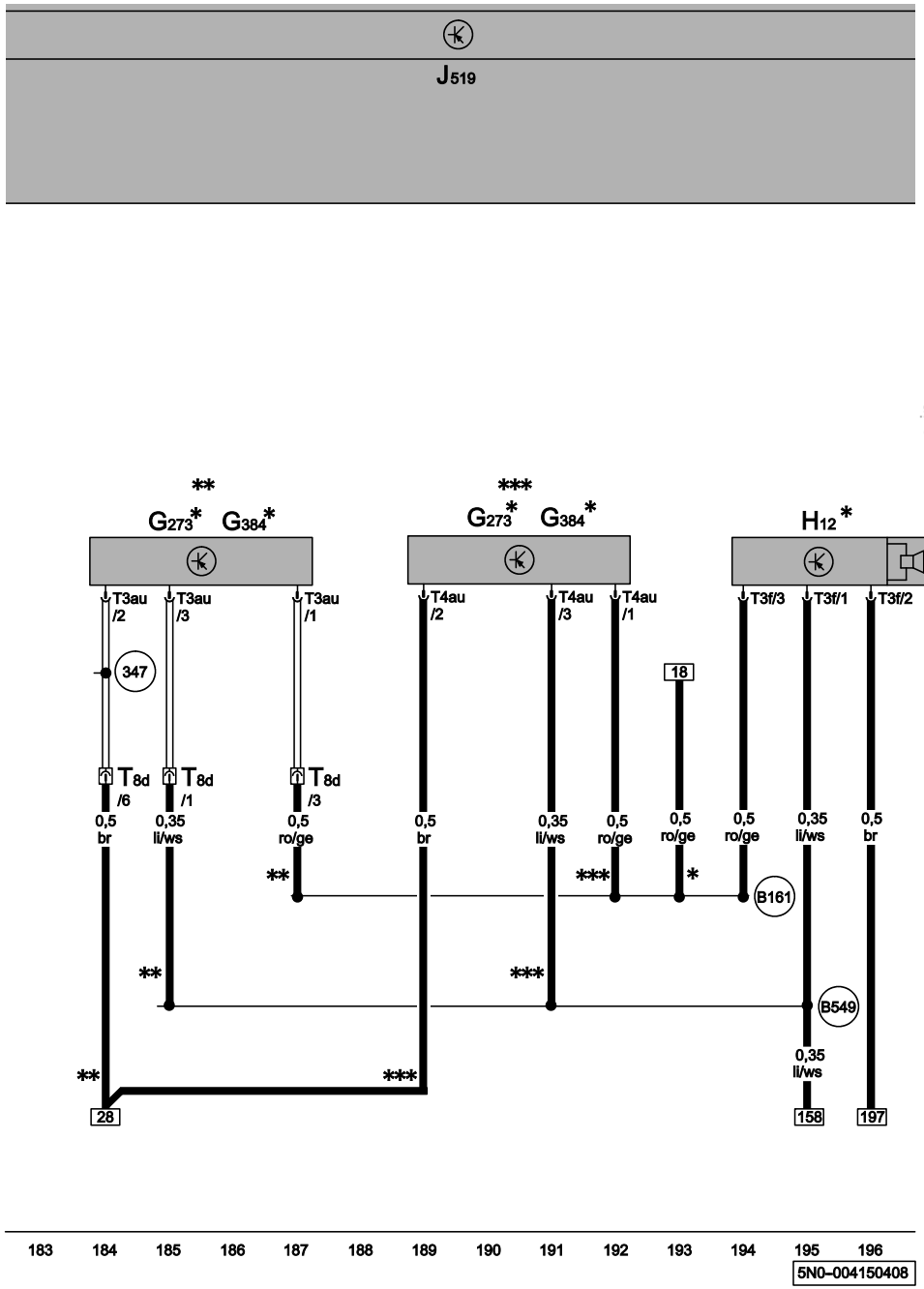
Sunroof roller blind control unit, sliding roof motor, roof roller blind control unit, sliding roof control unit, roller blind and sliding roof button

E437	Sun blind and sunroof button
J245	Sliding sunroof adjustment control unit
J394	Sunroof roller blind control unit
J519	Onboard supply control unit
J533	Data bus diagnosis interface
L65	Sliding sunroof switch illumination bulb
T6da	6-pin connector, black
T10da	10-pin connector
T16d	16-pin connector
T16i	16-pin connector
T20	20-pin connector, red
V1	Sliding sunroof motor
V260	Sunroof roller blind motor
178	Earth connection, in sliding sunroof wiring harness
684	Earth point, on front of left side member
B264	Connection 1, in roof wiring harness
B340	Connection 1 (58d), in main wiring harness
B577	LIN bus connection, in roof wiring harness
*	Only models with sliding sunroof

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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Alarm horn, vehicle inclination sender, front interior light, interior monitoring sensor

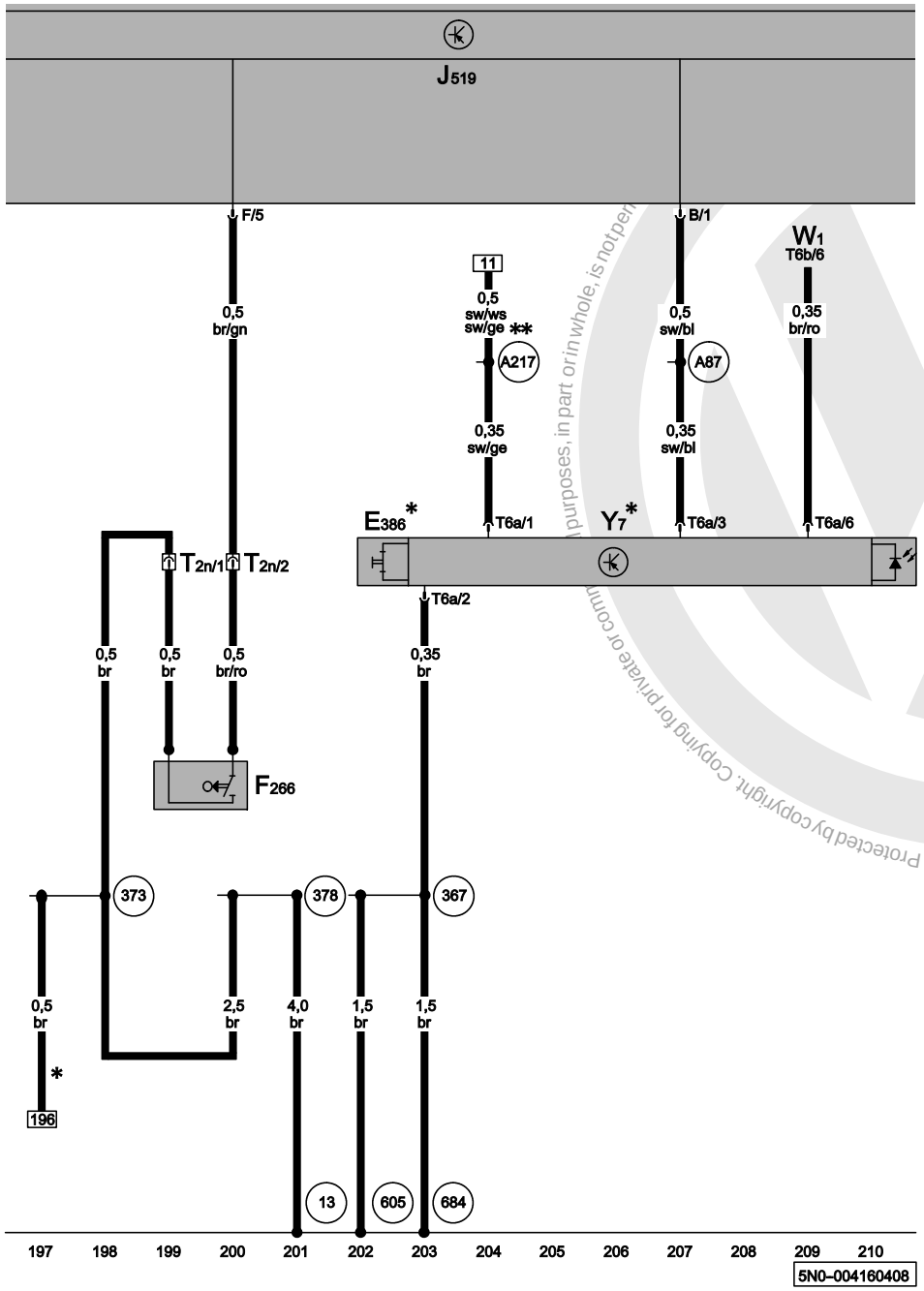


G273	Interior monitoring sensor
G384	Vehicle inclination sender
H12	Alarm horn
J519	Onboard supply control unit
T3f	3-pin connector, black
T3au	3-pin connector
T4au	4-pin connector
T8d	8-pin connector, near front interior light
W1	Front interior light
347	Earth connection, in roof wiring harness
B161	Connection (ATA), in interior wiring harness
B549	Connection 2 (LIN bus), in main wiring harness
*	Depends on equipment
**	Up to May 2008
***	From May 2008, flexible printed circuit

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Automatic anti-dazzle interior mirror, bonnet contact switch



E386	Anti-dazzle interior mirror button
F266	Bonnet contact switch
J519	Onboard supply control unit
T2n	2-pin connector, black
T6a	6-pin connector, black
T6b	6-pin connector, blue
W1	Front interior light
Y7	Automatic anti-dazzle interior mirror
13	Earth point, on right in engine compartment
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
605	Earth point, on top of steering column
684	Earth point, on front of left side member
A87	Connection (RL), in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
*	Depends on equipment
**	Gradual introduction in model year 2008

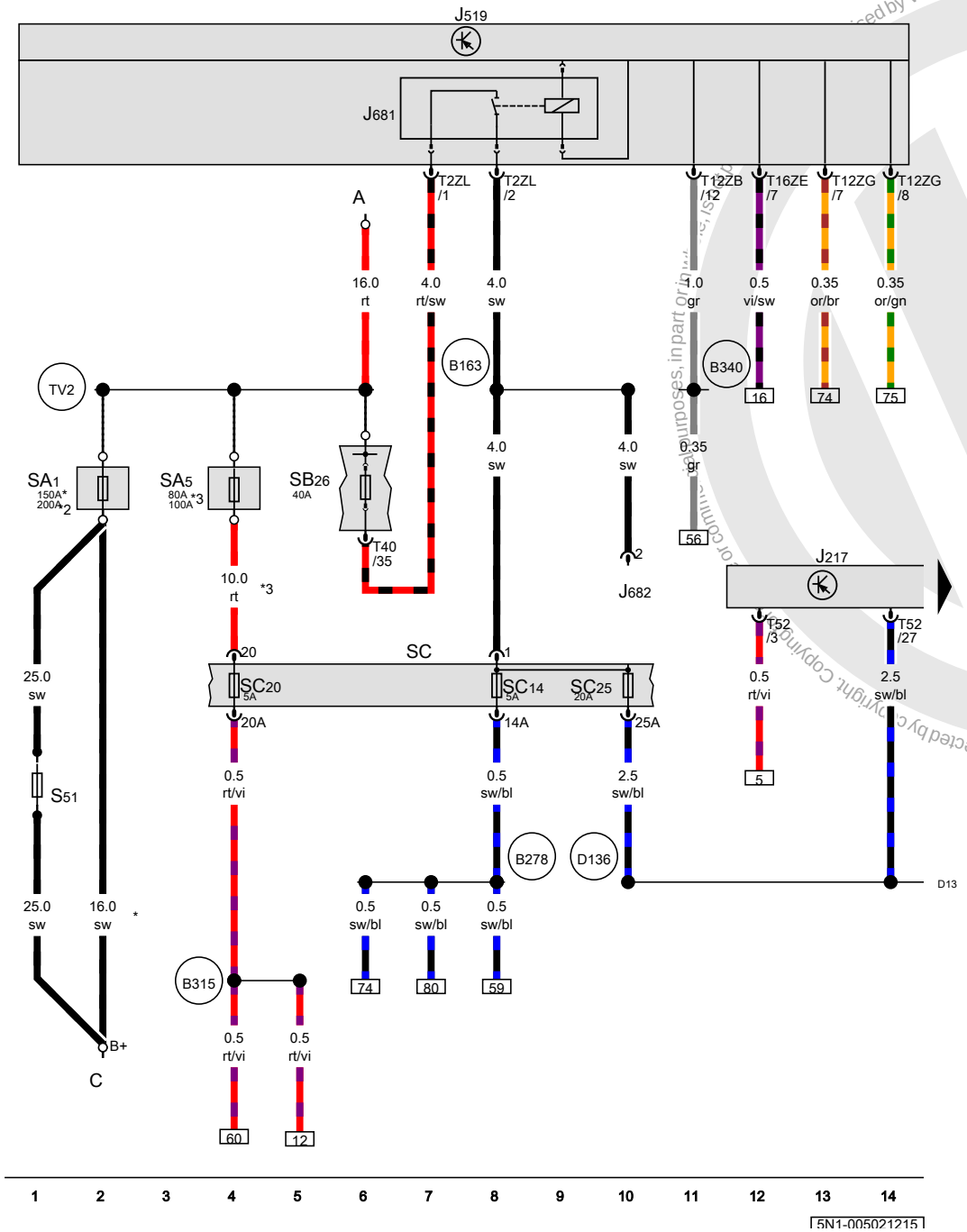
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6-speed automatic gearbox , (0EW)

From November 2007

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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Automatic gearbox control unit, Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C

A	Battery
C	Alternator
J217	Automatic gearbox control unit
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC25	Fuse 25 on fuse holder C
SB26	Fuse 26 on fuse holder B
S51	Fuse
SC	Fuse holder C
T2ZL	2-pin connector
T12ZB	12-pin connector
T12ZG	12-pin connector
T16ZE	16-pin connector
T40	40-pin connector
T52	52-pin connector
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
TV2	Terminal 30 wiring junction
*	Only models with 90 A/ 110 A alternator
*2	Only models with 140 A/ 180 A alternator
*3	According to equipment

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Multifunction switch, Automatic gearbox control unit

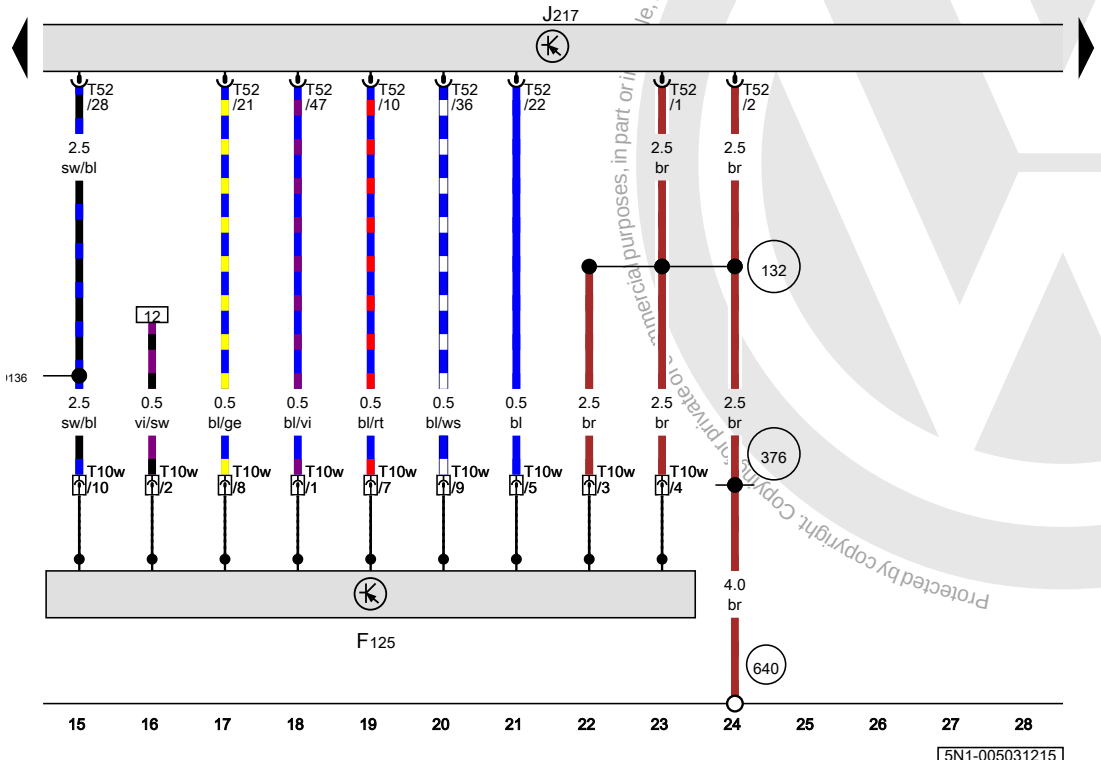
F125 Multifunction switch
J217 Automatic gearbox control unit
T10w 10-pin connector
T52 52-pin connector

132 Earth connection 3, in engine compartment wiring harness

376 Earth connection 11, in main wiring harness

640 Earth point 2, left in engine compartment

D136 Positive connection 2 (15a), in engine compartment wiring harness

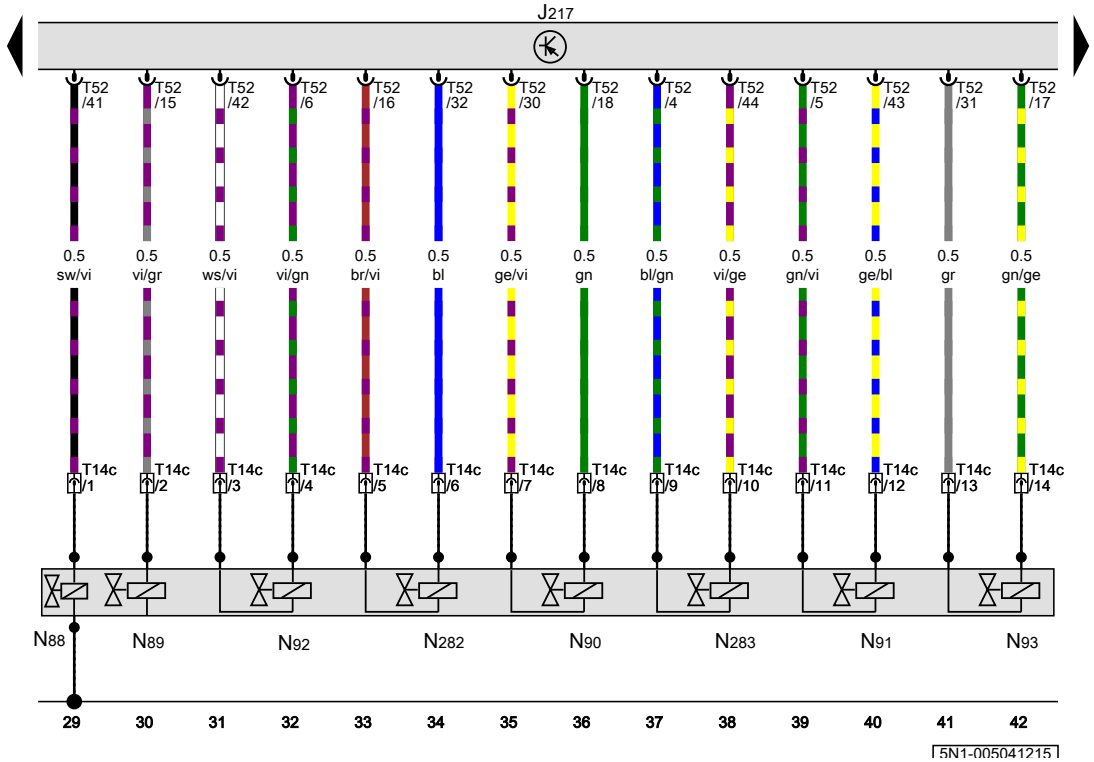


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Automatic gearbox control unit, Solenoid valve 1

J217	Automatic gearbox control unit
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
N93	Solenoid valve 6
N282	Solenoid valve 9
N283	Solenoid valve 10
T14c	14-pin connector
T52	52-pin connector

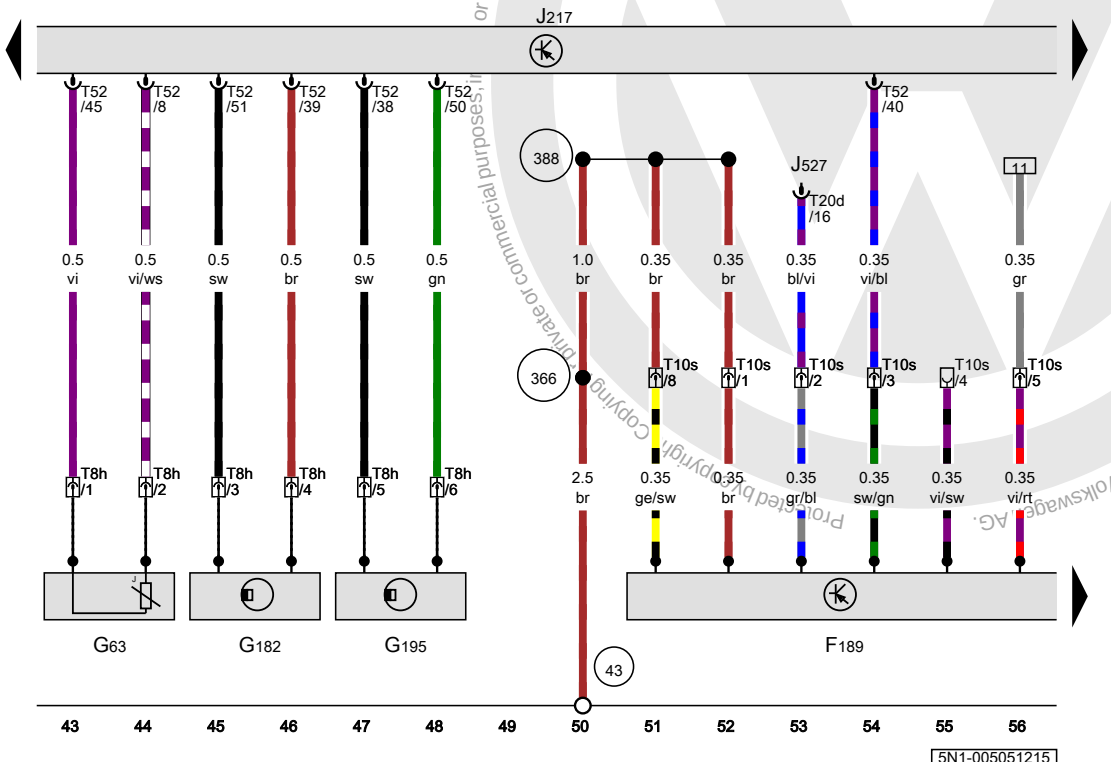


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Tiptronic switch, Water separator sender, Gearbox input speed sender, Gearbox output speed sender, Automatic gearbox control unit

F189	Tiptronic switch
G63	Water separator sender
G182	Gearbox input speed sender
G195	Gearbox output speed sender
J217	Automatic gearbox control unit
J527	Steering column electronics control unit
T8h	8-pin connector
T10s	10-pin connector
T20d	20-pin connector
T52	52-pin connector
43	Earth point, lower part of right A-pillar
366	Earth connection 1, in main wiring harness
388	Earth connection 23, in main wiring harness

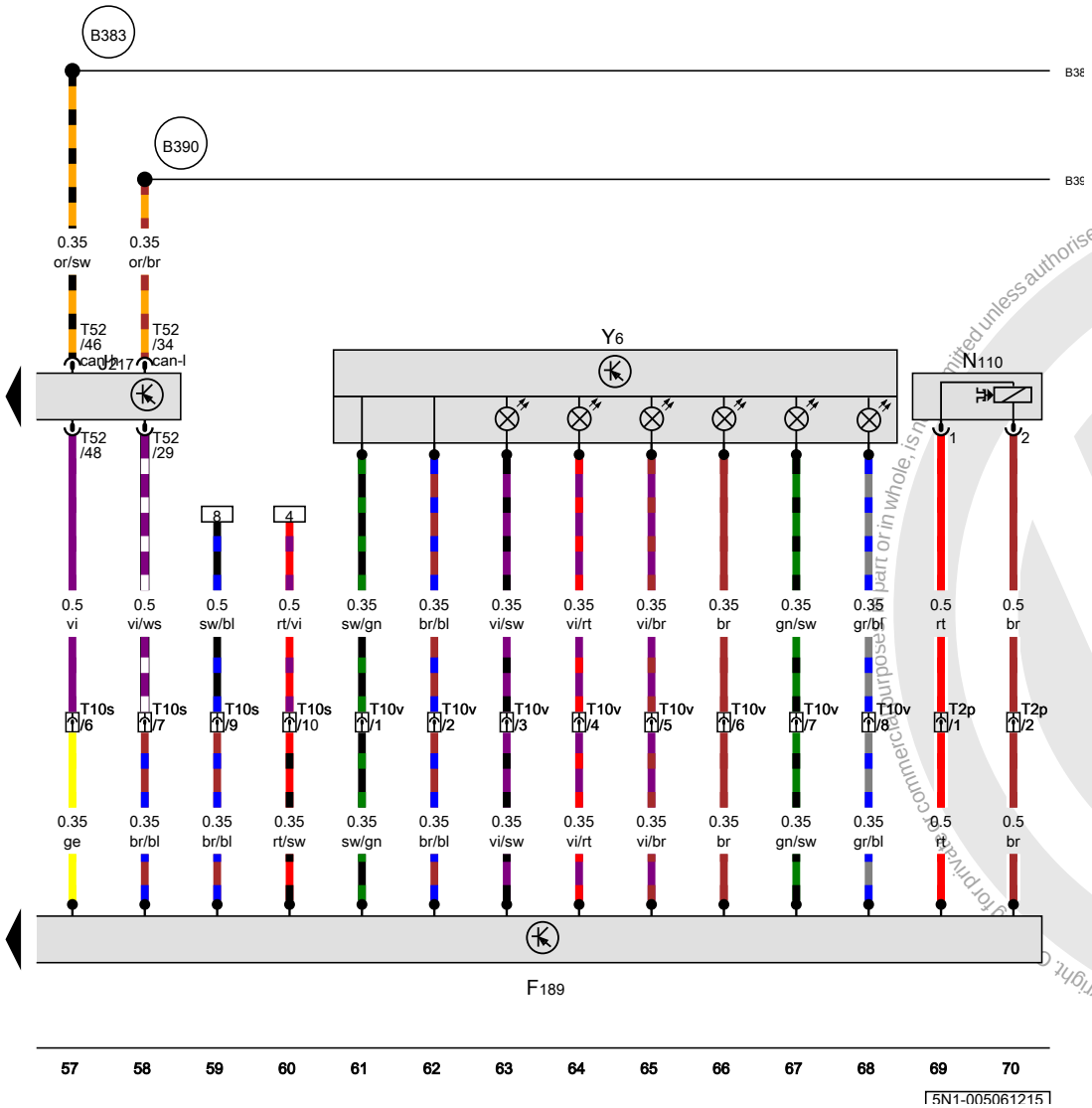


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Tiptronic switch, Automatic gearbox control unit, Selector lever lock solenoid, Selector lever position display

F189	Tiptronic switch
J217	Automatic gearbox control unit
N110	Selector lever lock solenoid
T2p	2-pin connector
T10s	10-pin connector
T10v	10-pin connector
T52	52-pin connector
Y6	Selector lever position display
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

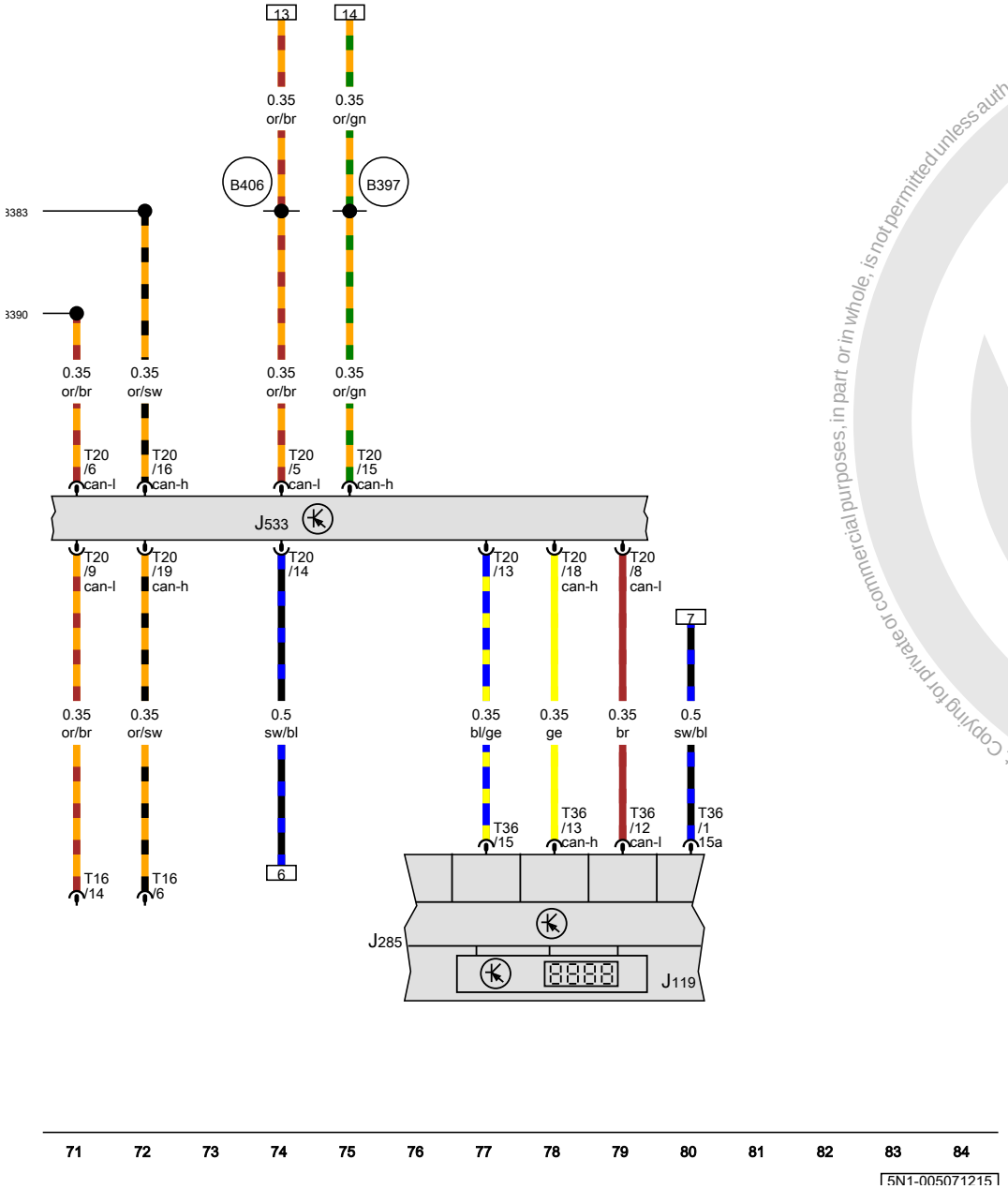


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or	=	orange
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Control unit in dash panel insert, Data bus diagnostic interface

J119	Multifunction indicator
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
T16	16-pin connector
T20	20-pin connector
T36	36-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness



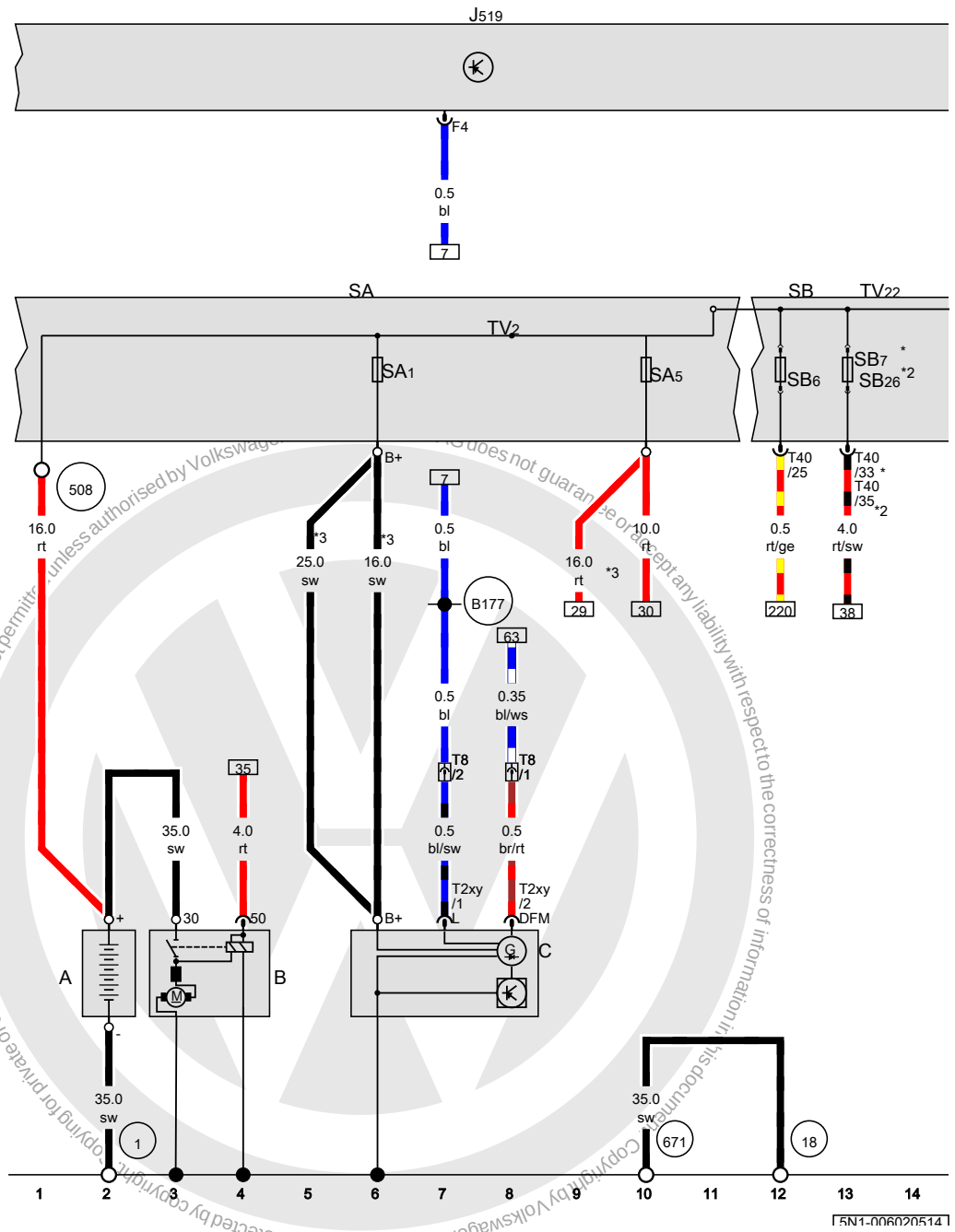
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1.4l petrol engine , BWK

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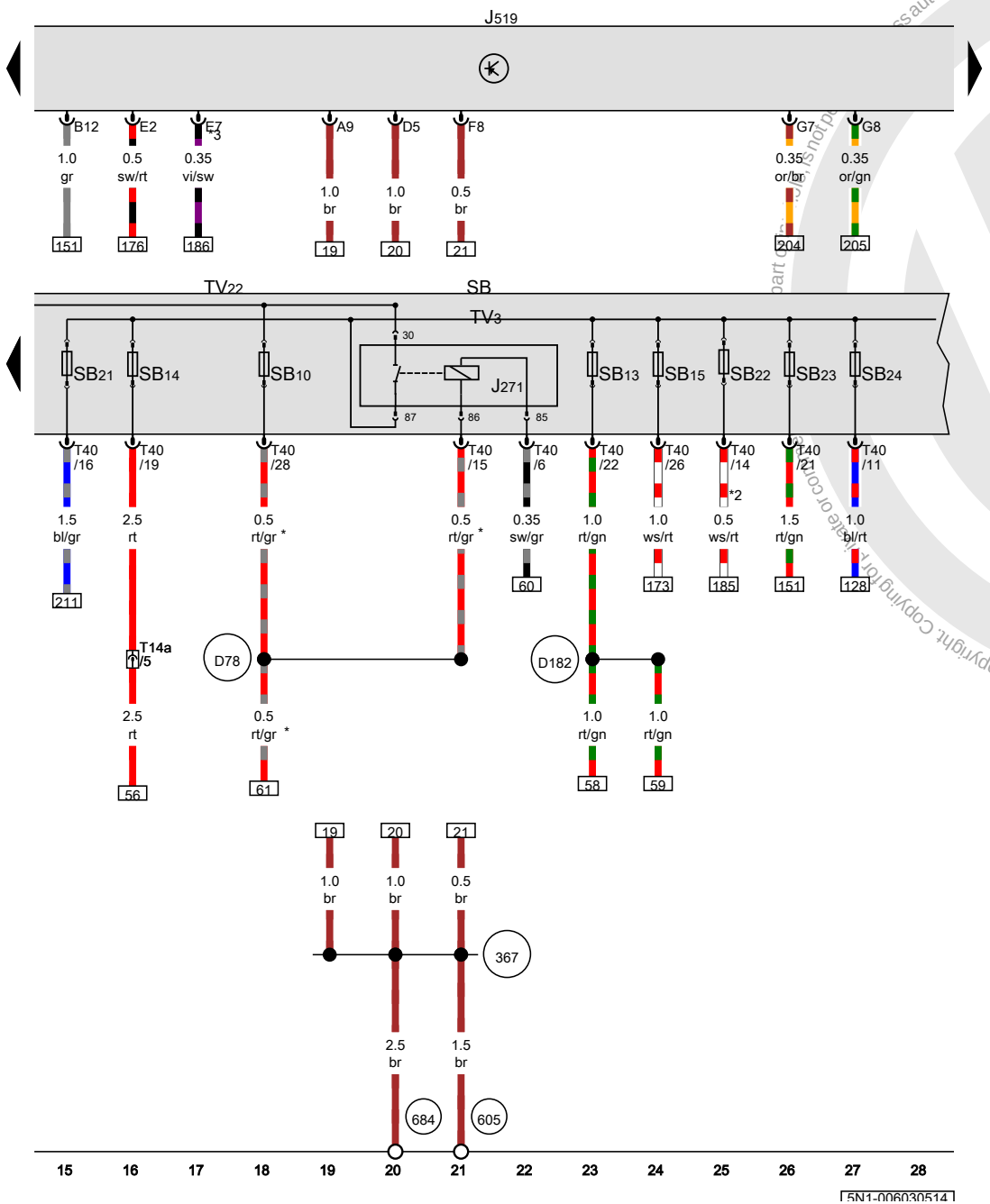


Battery, Starter, Alternator, Onboard supply control unit, Fuse holder A, Fuse holder B

A	Battery
B	Starter
C	Alternator
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB26	Fuse 26 on fuse holder B
T2xy	2-pin connector
TV2	Terminal 30 wiring junction
T8	8-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
B177	Connection (61), in interior wiring harness
*	Gradual introduction during model year 2008
*2	Up to May 2008
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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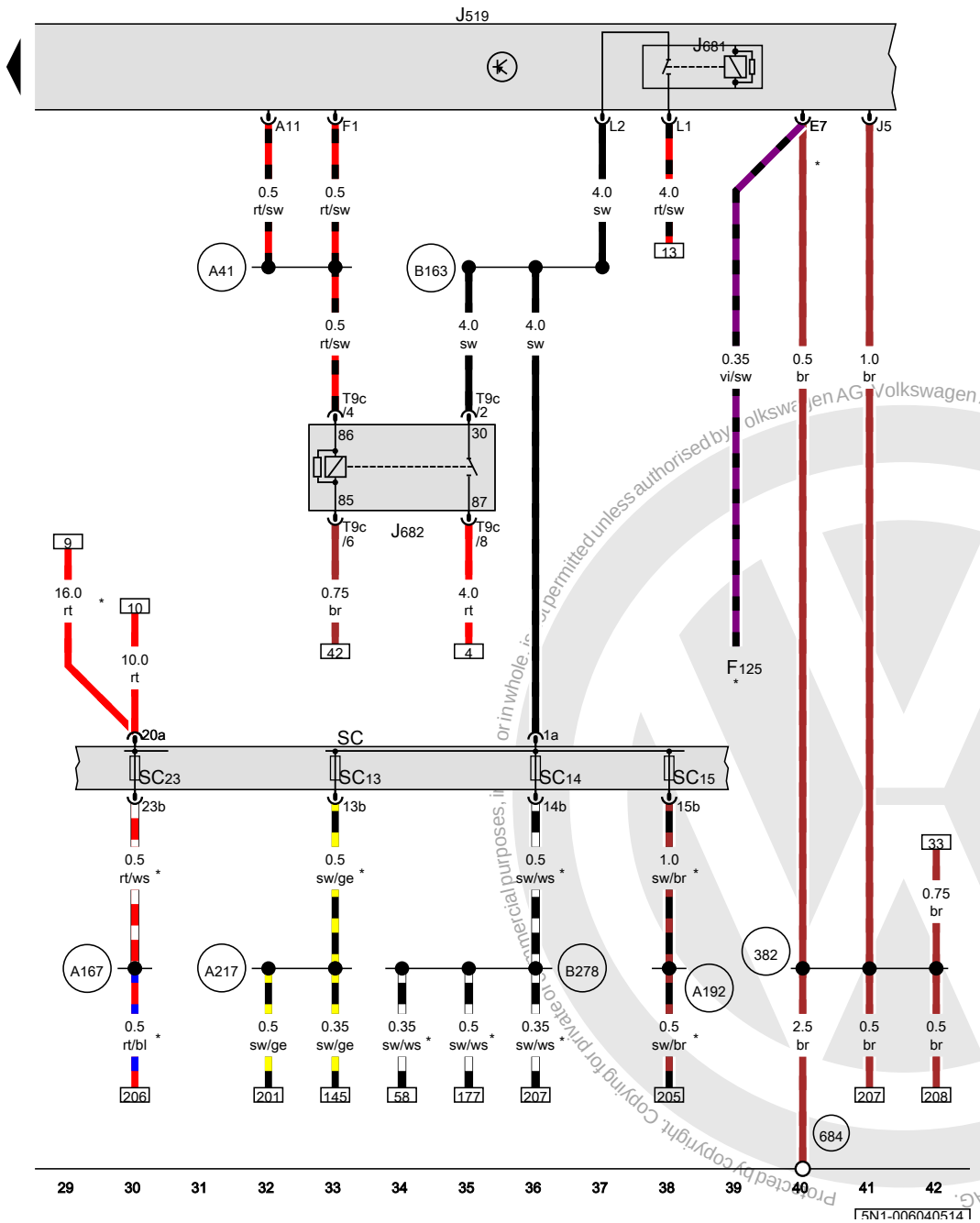


Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	According to equipment
*2	Only models with manual gearbox
*3	Only for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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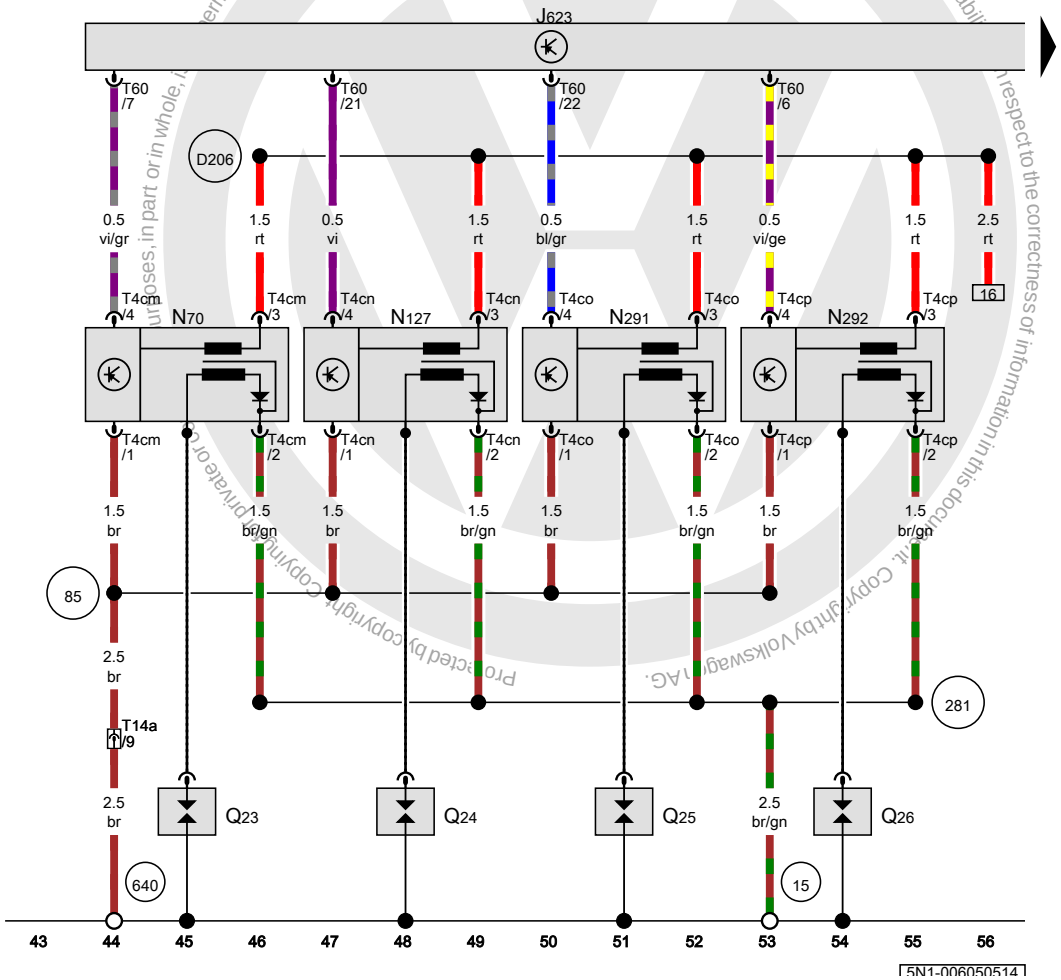


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sw = black
ro = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C

F125	Multifunction switch
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
T9c	9-pin connector
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	According to equipment

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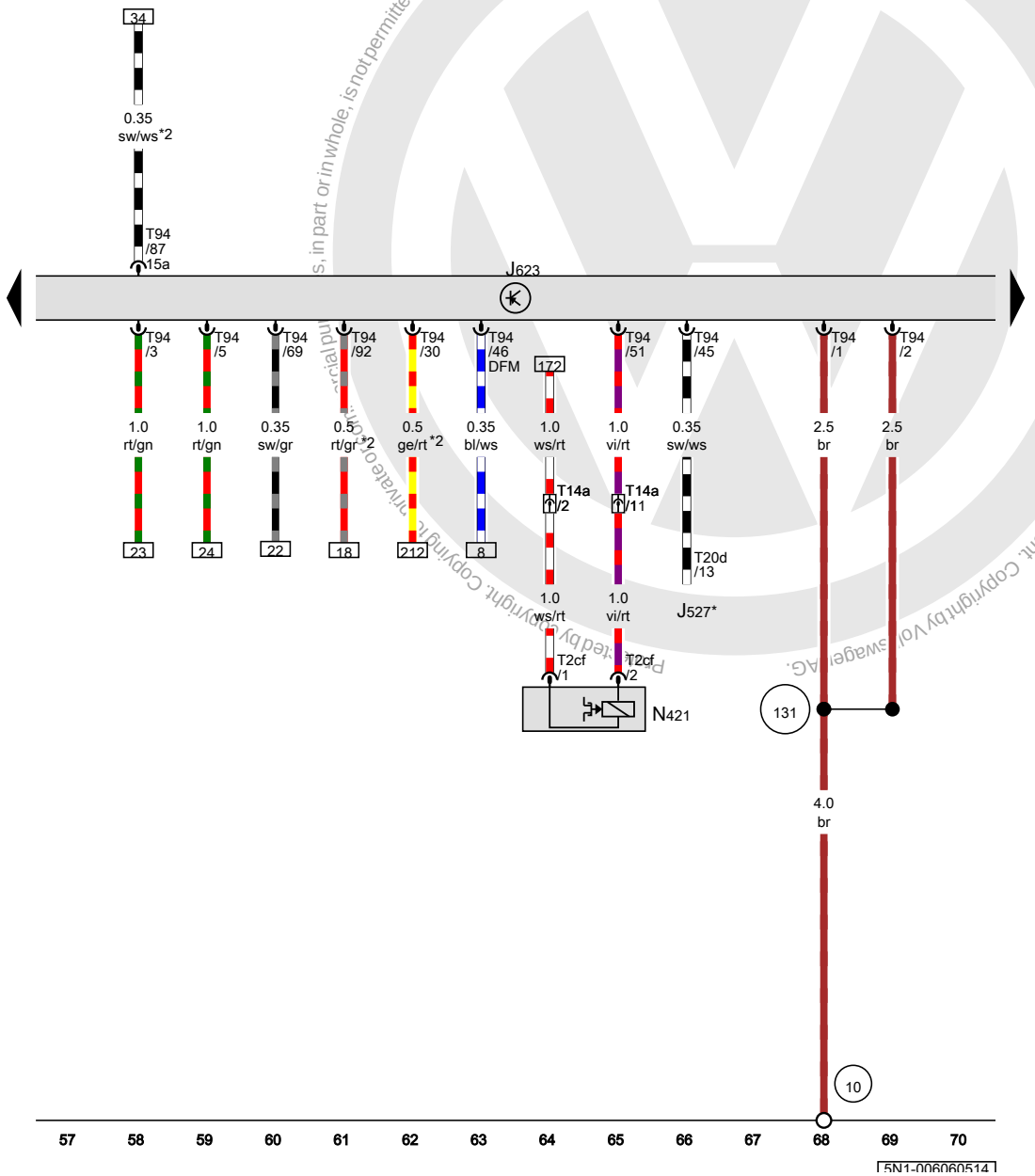
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gn = green
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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
640	Earth point 2, left in engine compartment
D206	Connection 4 (87a) in engine prewiring harness

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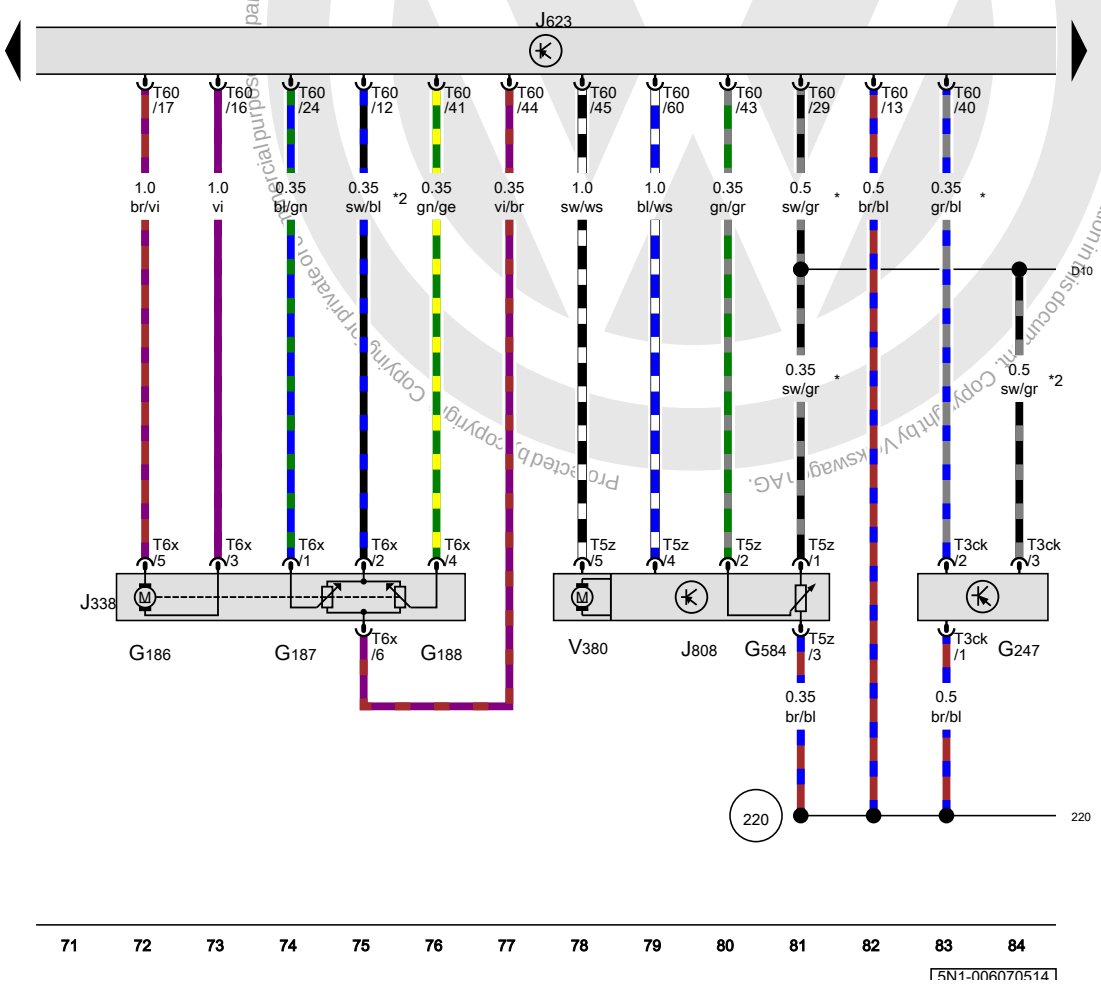


Engine control unit, Magnetic clutch for supercharger

J527	Steering column electronics control unit
J623	Engine control unit
N421	Magnetic clutch for supercharger
T2cf	2-pin connector
T14a	14-pin connector
T20d	20-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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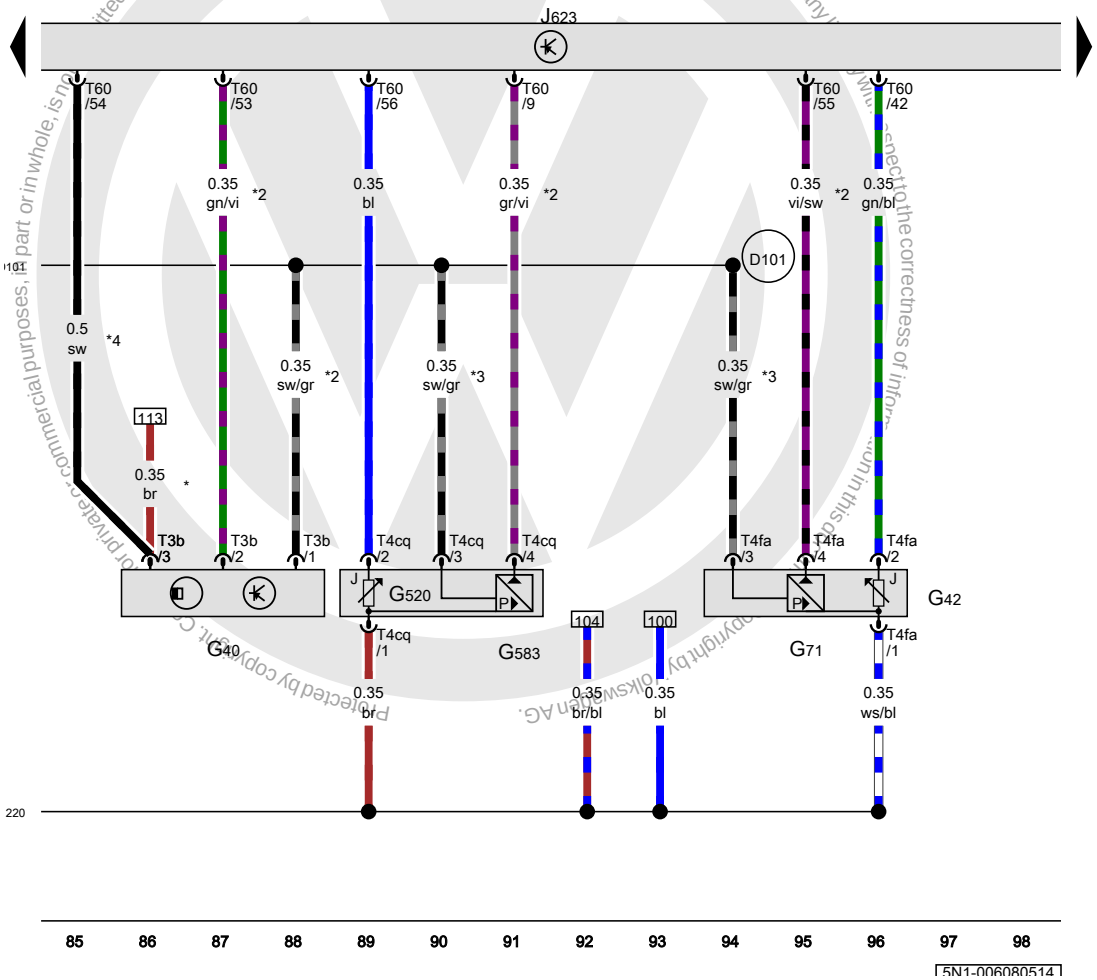
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Fuel pressure sender, Throttle valve module, Engine control unit, Regulating flap control unit

G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
G584	Regulating flap potentiometer
J338	Throttle valve module
J623	Engine control unit
J808	Regulating flap control unit
T3ck	3-pin connector
T5z	5-pin connector
T6x	6-pin connector
T60	60-pin connector
V380	Regulating flap position control motor
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness
*	Cross section depends on equipment
*2	Wiring colour depends on equipment



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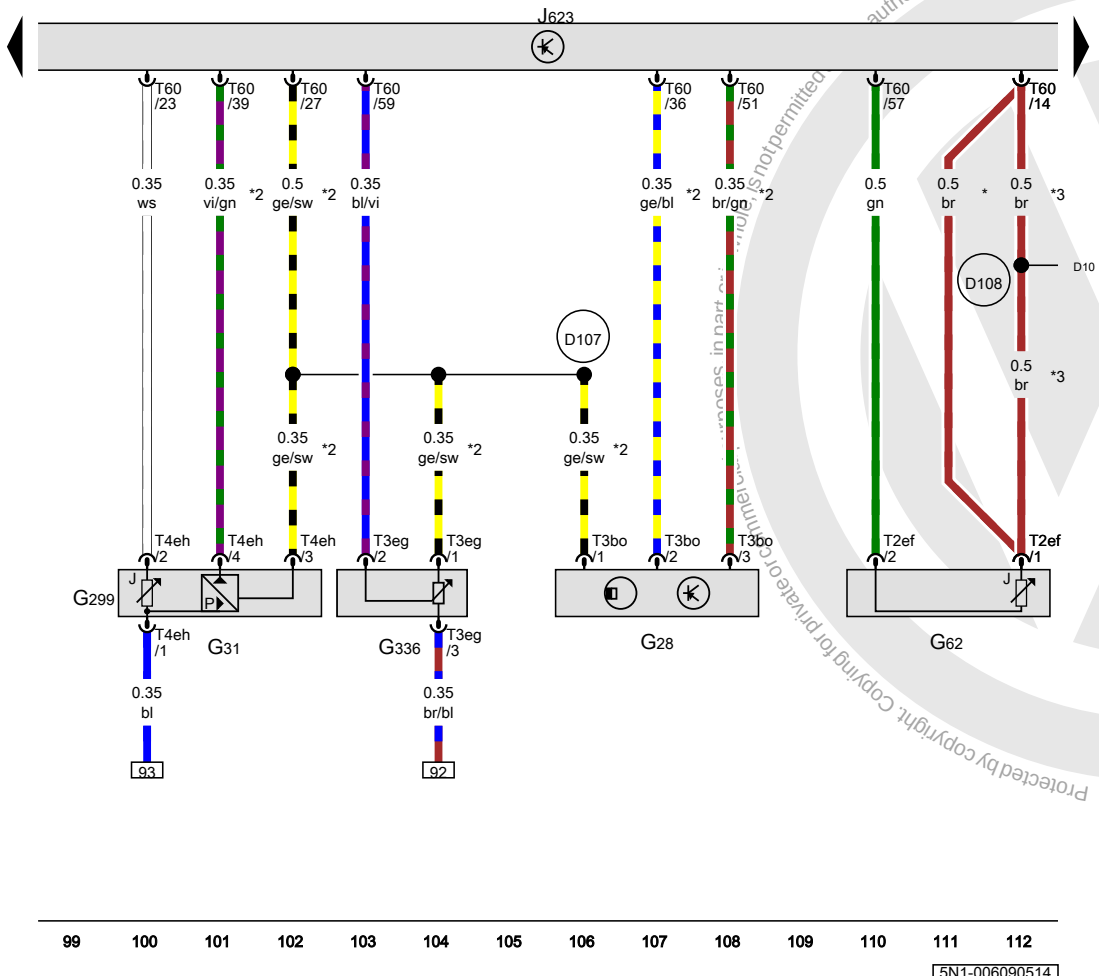
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or = orange
rs = pink

Hall sender, Intake manifold pressure sender, Intake manifold pressure sender 3, Engine control unit

G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G520	Intake air temperature sender 3
G583	Intake manifold pressure sender 3
J623	Engine control unit
T3b	3-pin connector
T4cq	4-pin connector
T4fa	4-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness
*	Gradually discontinued
*2	Wiring colour depends on equipment
*3	Cross section depends on equipment
*4	gradual introduction

Engine speed sender, Charge pressure sender, Coolant temperature sender, Intake manifold flap potentiometer, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G62	Coolant temperature sender
G299	Intake air temperature sender 2
G336	Intake manifold flap potentiometer
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T3eg	3-pin connector
T4eh	4-pin connector
T60	60-pin connector
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	Gradually discontinued
*2	Wiring colour depends on equipment
*3	gradual introduction

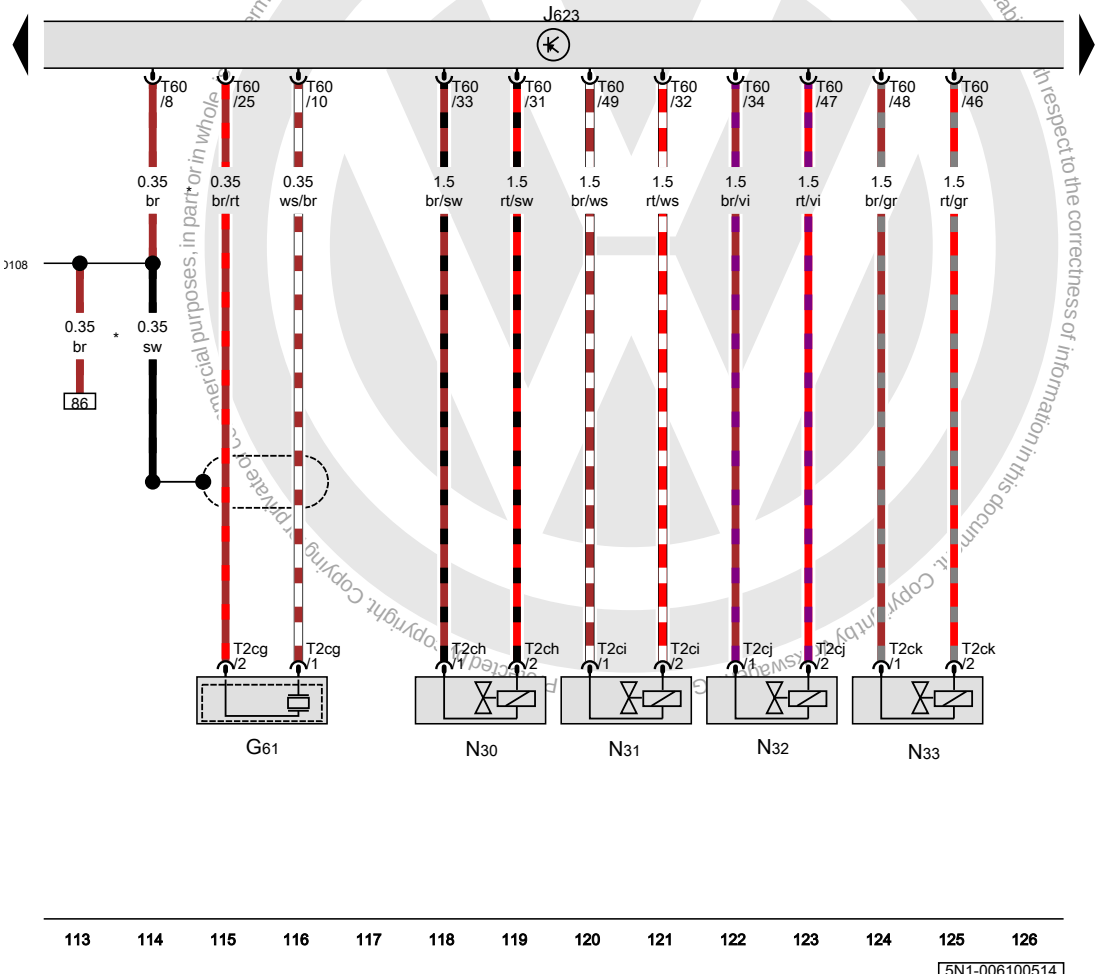


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ge	=	yellow
or	=	orange
rs	=	pink

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Knock sensor 1, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G61	Knock sensor 1
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2cg	2-pin connector
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T60	60-pin connector
D108	Connection 6 in engine compartment wiring harness
*	Gradually discontinued

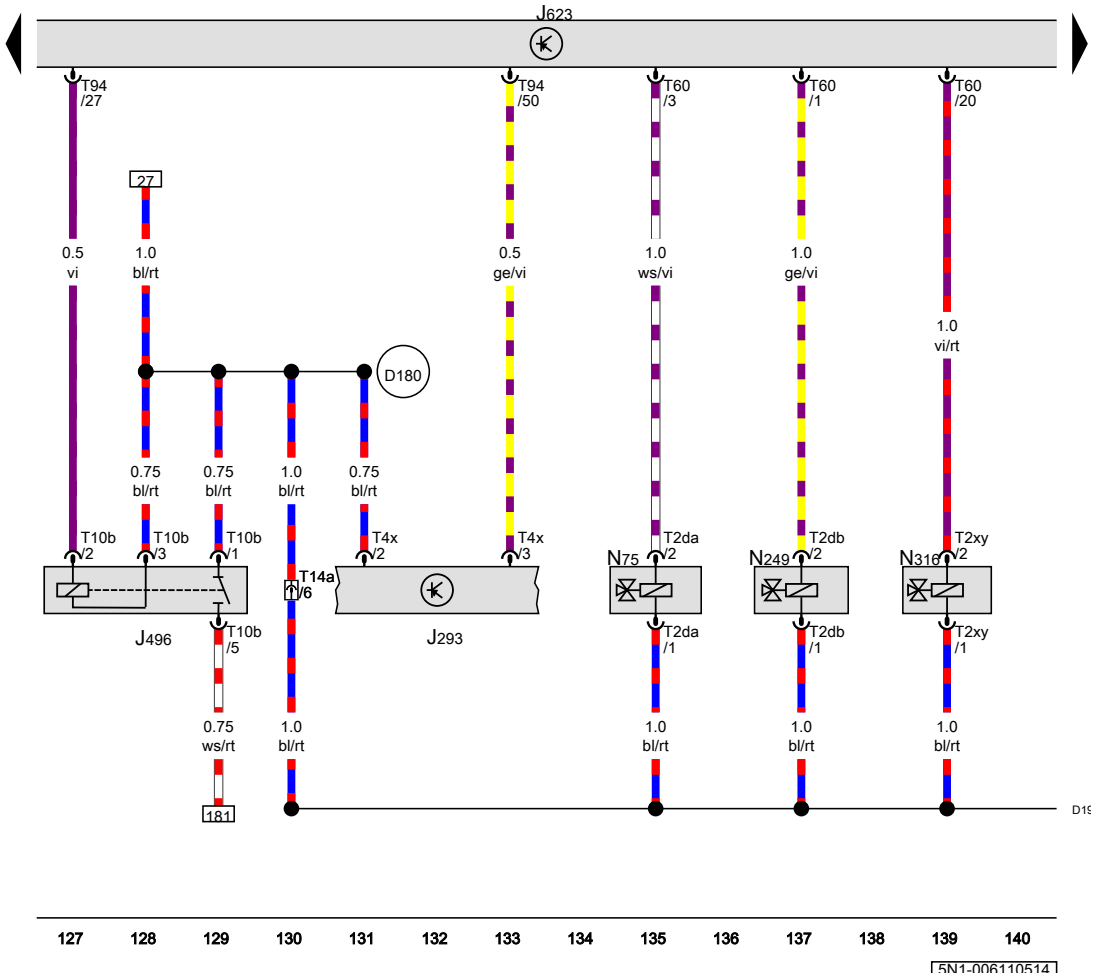


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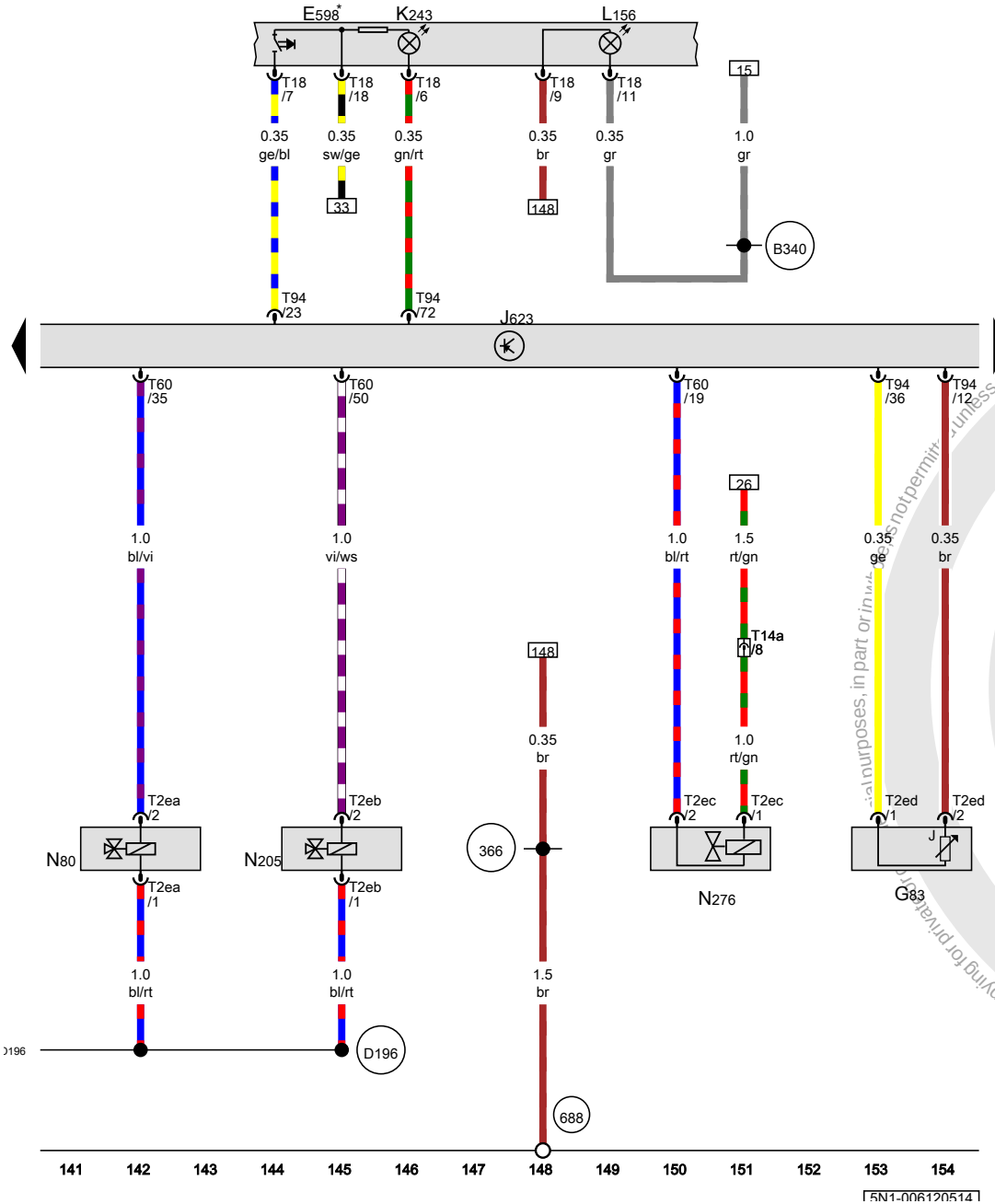
Radiator fan control unit, Additional coolant pump relay, Engine control unit, Charge pressure control solenoid valve, Turbocharger air recirculation valve, Intake manifold flap valve

J293	Radiator fan control unit
J496	Additional coolant pump relay
J623	Engine control unit
N75	Charge pressure control solenoid valve
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T2da	2-pin connector
T2db	2-pin connector
T2xy	2-pin connector
T4x	4-pin connector
T10b	10-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Radiator outlet coolant temperature sender, Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve

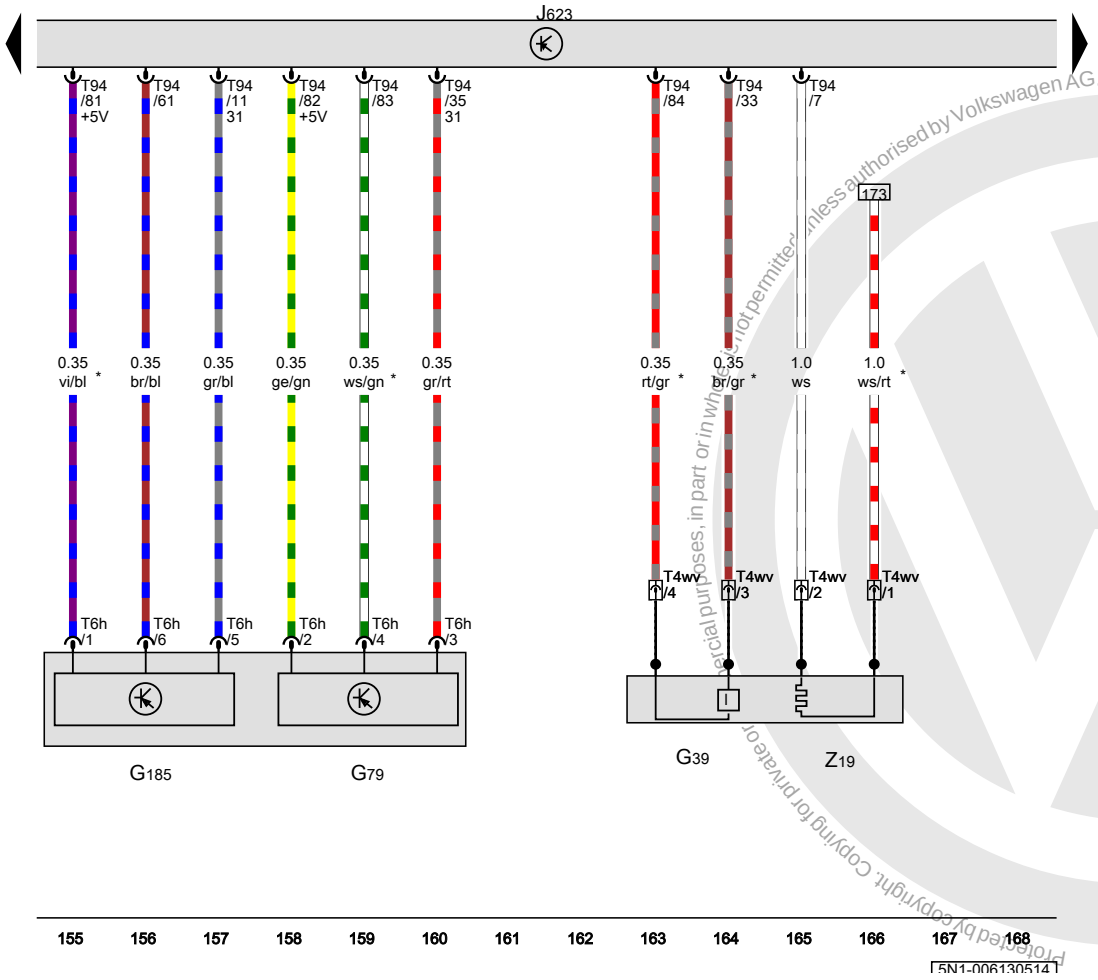
E598	Driving program button
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
T2ea	2-pin connector
T2eb	2-pin connector
T2ec	2-pin connector
T2ed	2-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine control unit

G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T4wv	4-pin connector
T6h	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater
*	According to equipment

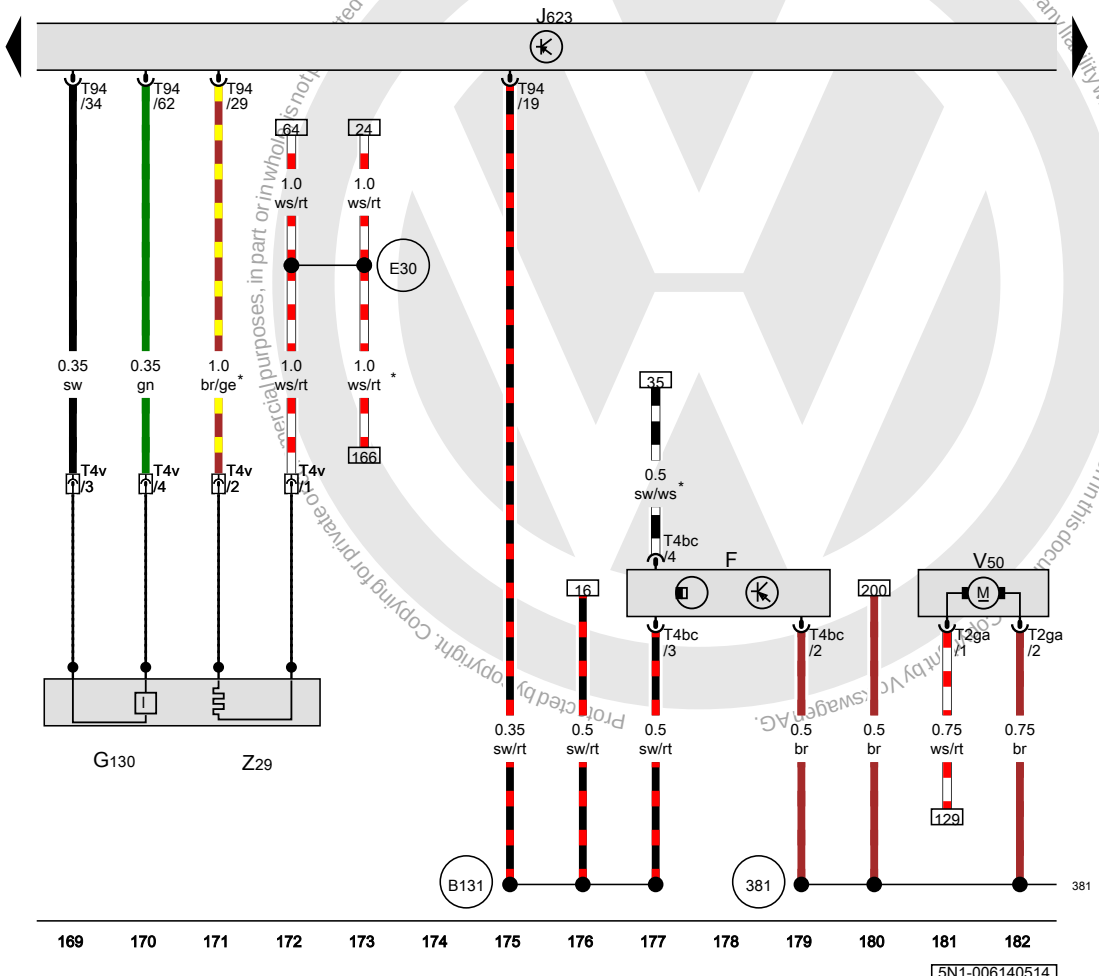


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Brake light switch, Lambda probe after catalytic converter, Engine control unit, Coolant circulation pump

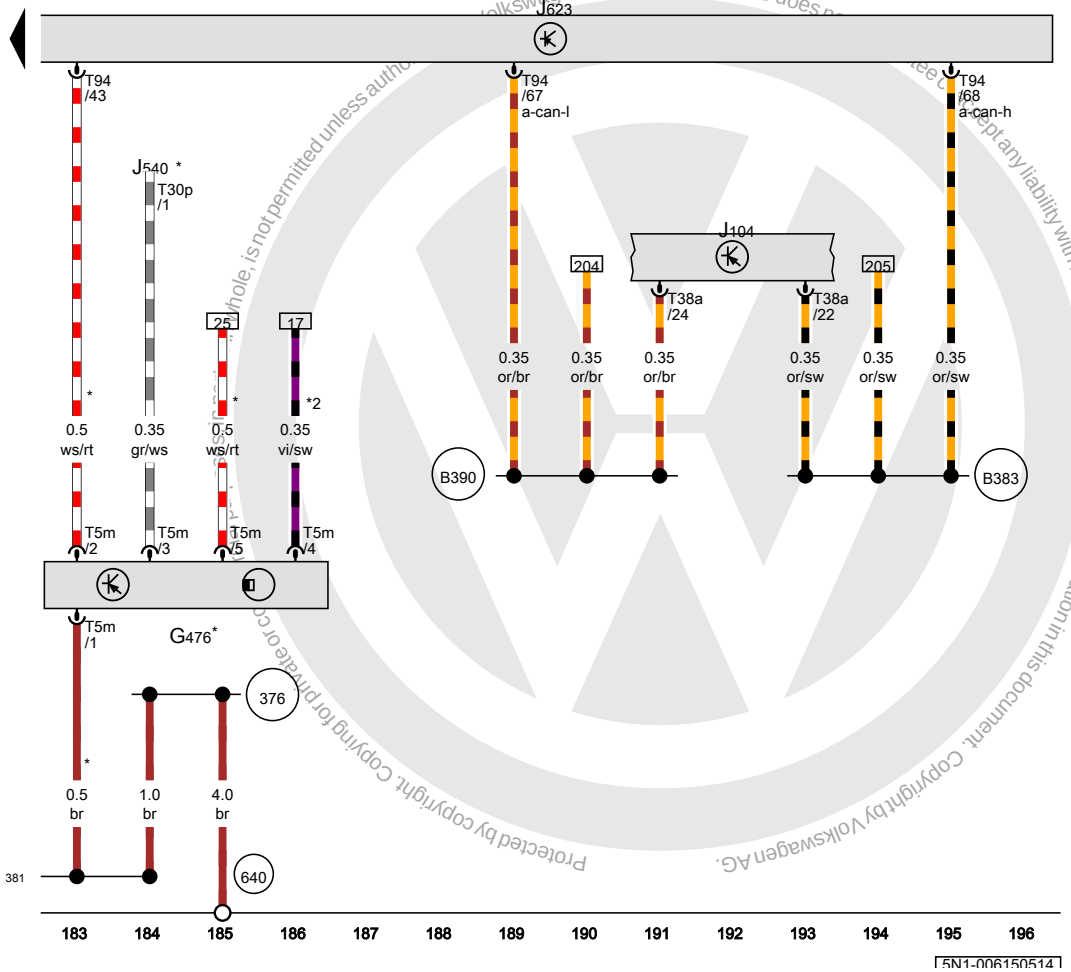
F	Brake light switch
G130	Lambda probe after catalytic converter
J623	Engine control unit
T2ga	2-pin connector
T4bc	4-pin connector
T4v	4-pin connector
T94	94-pin connector
V50	Coolant circulation pump
Z29	Lambda probe 1 heater after catalytic converter
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness
E30	Connection (87a), in engine wiring harness
*	According to equipment



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sw	=	black
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Clutch position sender, Engine control unit



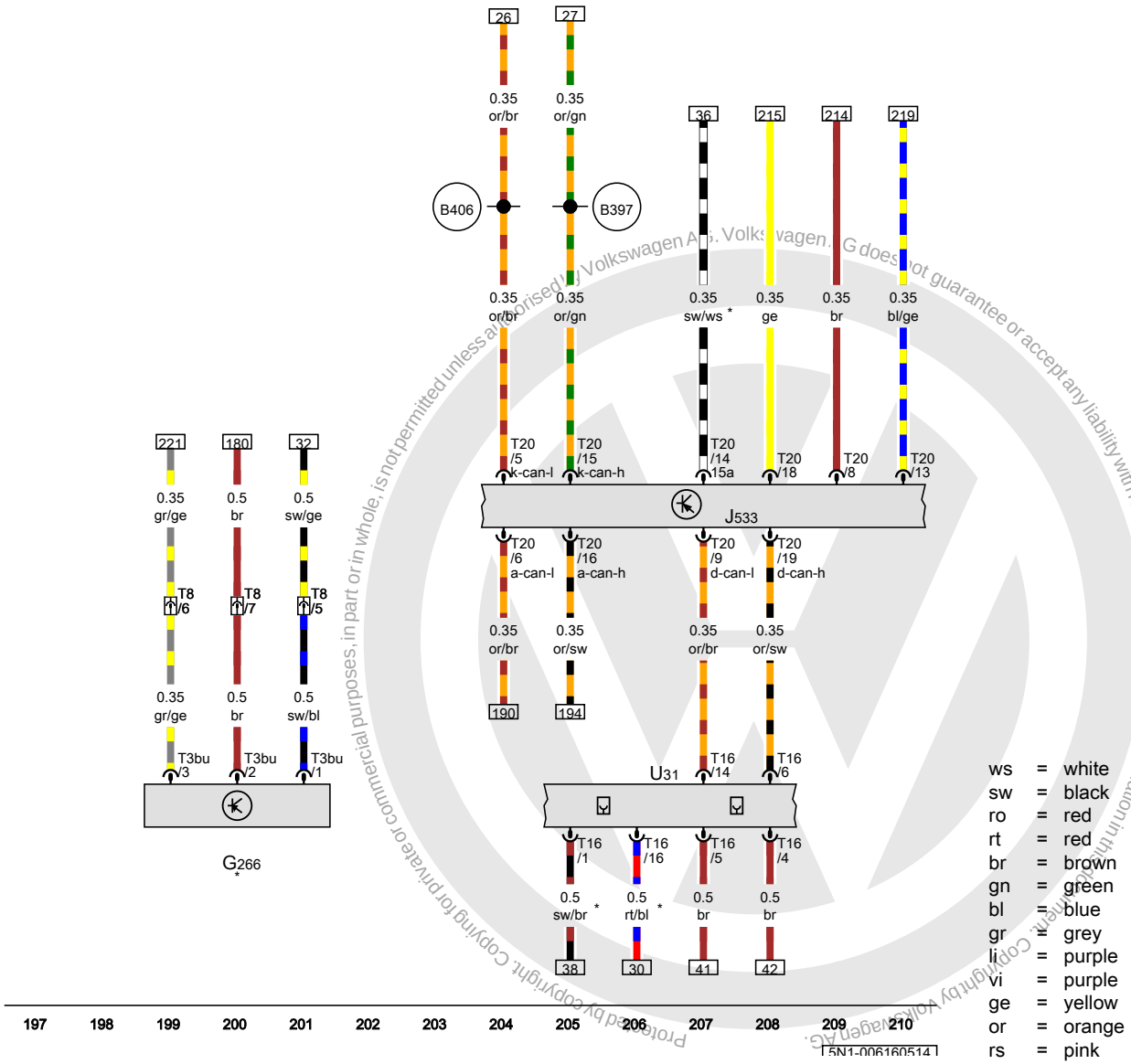
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rs	=	pink

G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5m	5-pin connector
T30p	30-pin connector
T38a	38-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only for American markets

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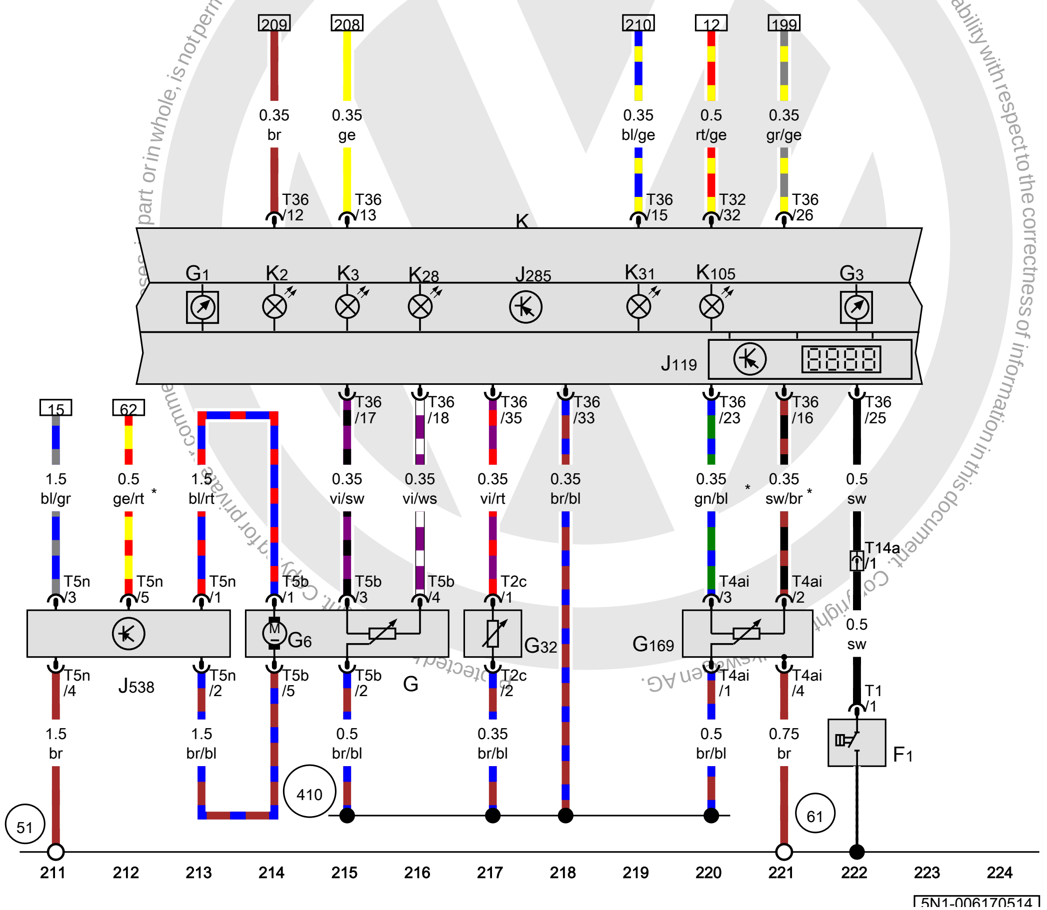
Oil level and oil temperature sender, Data bus diagnostic interface, Diagnostic connection

G266	Oil level and oil temperature sender
J533	Data bus diagnostic interface
T3bu	3-pin connector
T8	8-pin connector
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	According to equipment



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T1	Single connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
T36	36-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness
*	According to equipment

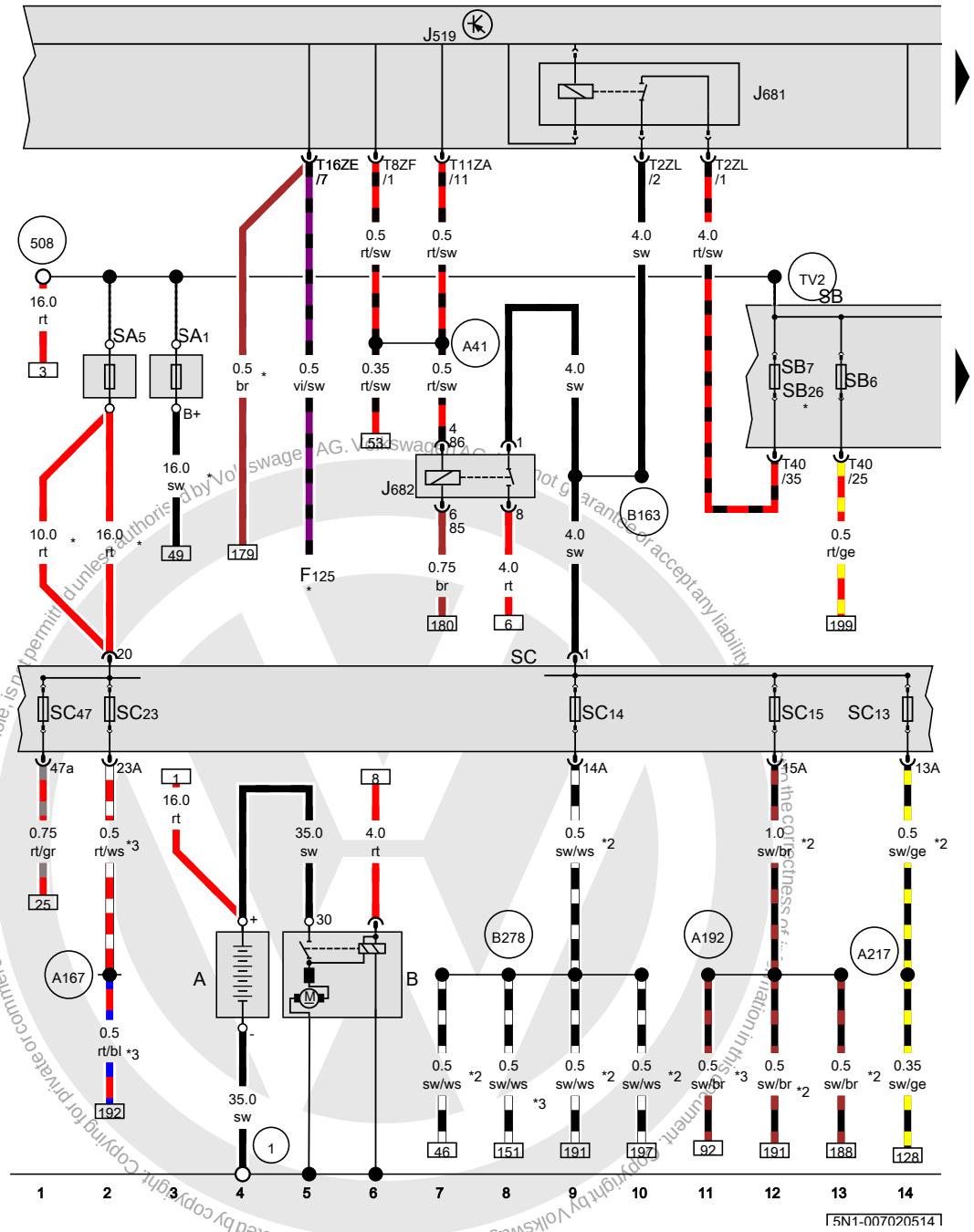
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2.0l diesel engine , BXDB,CBAA,CBAB,CBBA,CBBB

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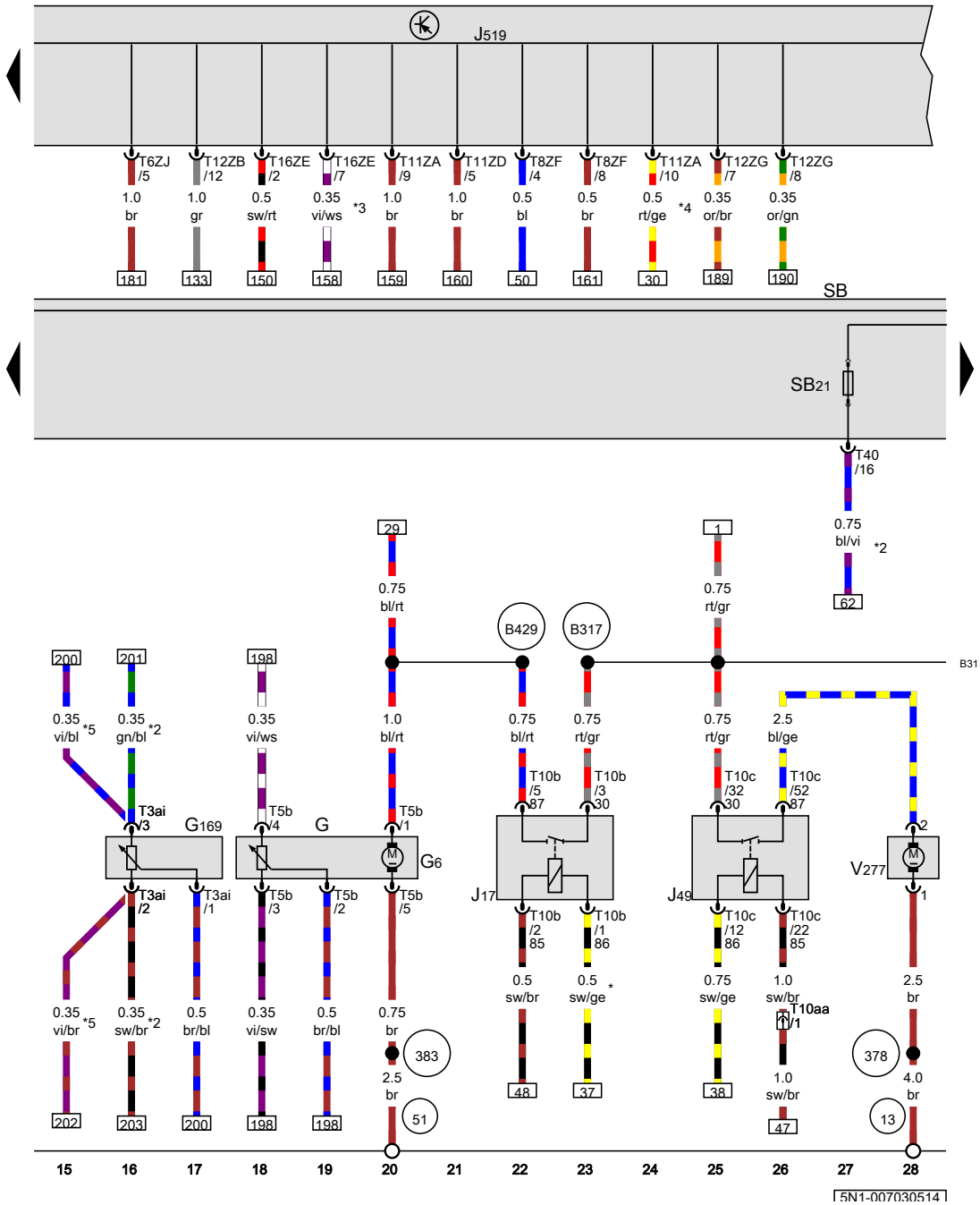


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Battery, Starter, Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C

A	Battery
B	Starter
F125	Multifunction switch
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SB26	Fuse 26 on fuse holder B
SC47	Fuse 47 on fuse holder C
T2ZL	2-pin connector
T8ZF	8-pin connector
T11ZA	11-pin connector
T16ZE	16-pin connector
T40	40-pin connector
1	Earth strap, battery - body
508	Threaded connection (30) on E-box
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
TV2	Terminal 30 wiring junction
*	According to equipment
*2	Gradual introduction during model year 2008
*3	From May 2008

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ro	=	red
rt	=	red
br	=	brown
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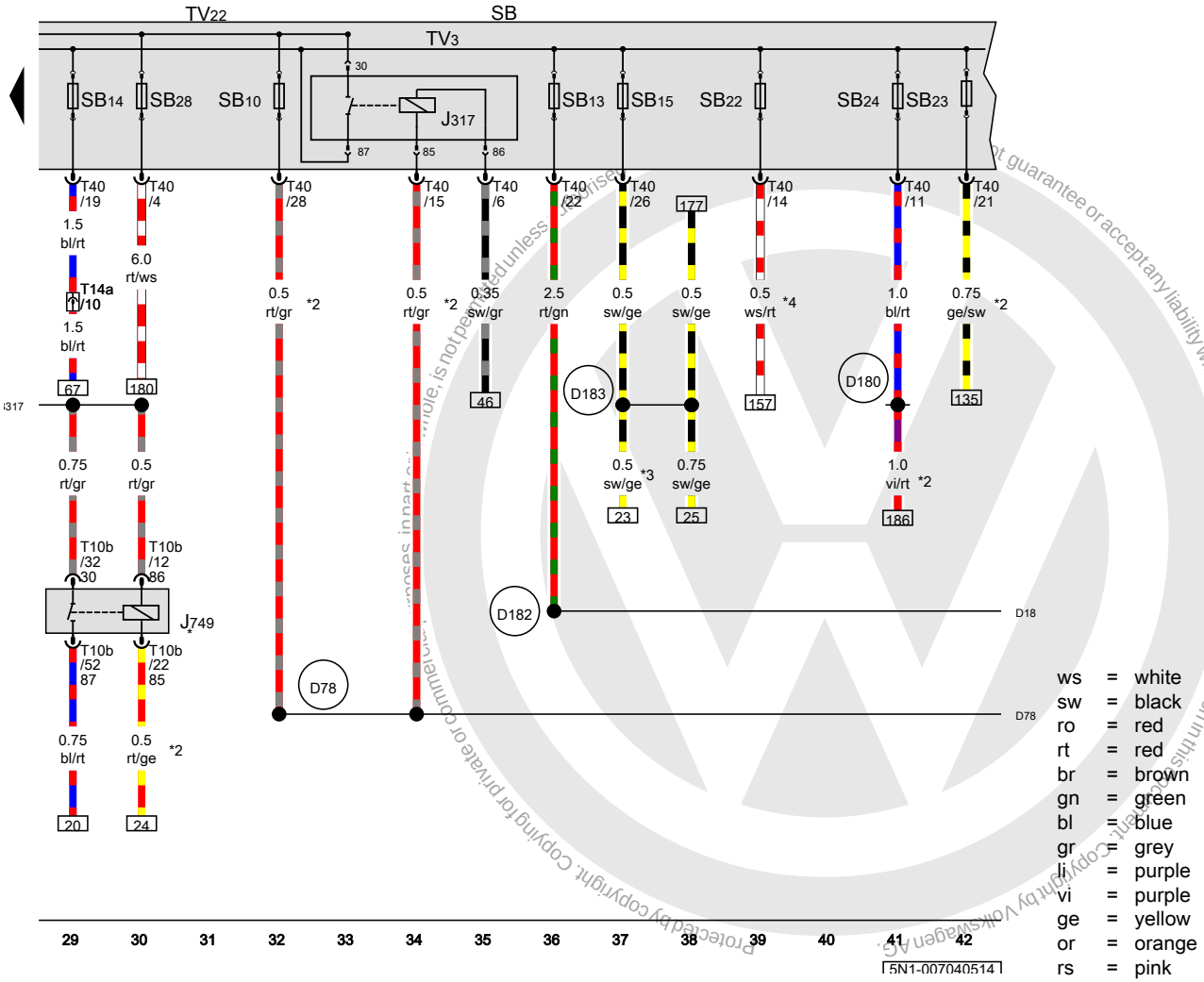


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rs = pink

Fuel gauge sender, Fuel system pressurisation pump, Fuel gauge sender 2, Fuel pump relay, Electric fuel pump 2 relay, Onboard supply control unit, Fuel pump 2

G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J17	Fuel pump relay
J49	Electric fuel pump 2 relay
J519	Onboard supply control unit
SB	Fuse holder B
SB21	Fuse 21 on fuse holder B
T3ai	3-pin connector
T5b	5-pin connector
T6ZJ	6-pin connector
T8ZF	8-pin connector
T10aa	10-pin connector
T10b	10-pin connector
T10c	10-pin connector
T11ZA	11-pin connector
T11ZD	11-pin connector
T12ZB	12-pin connector
T12ZG	12-pin connector
T16ZE	16-pin connector
T40	40-pin connector
V277	Fuel pump 2
13	Earth point, on right in engine compartment
51	Earth point, on right in luggage compartment
378	Earth connection 13, in main wiring harness
383	Earth connection 18, in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B429	Connection (EFPR), in main wiring harness
*	According to equipment
*2	From May 2008
*3	Only for American markets
*4	Gradual introduction during model year 2008
*5	Up to May 2008

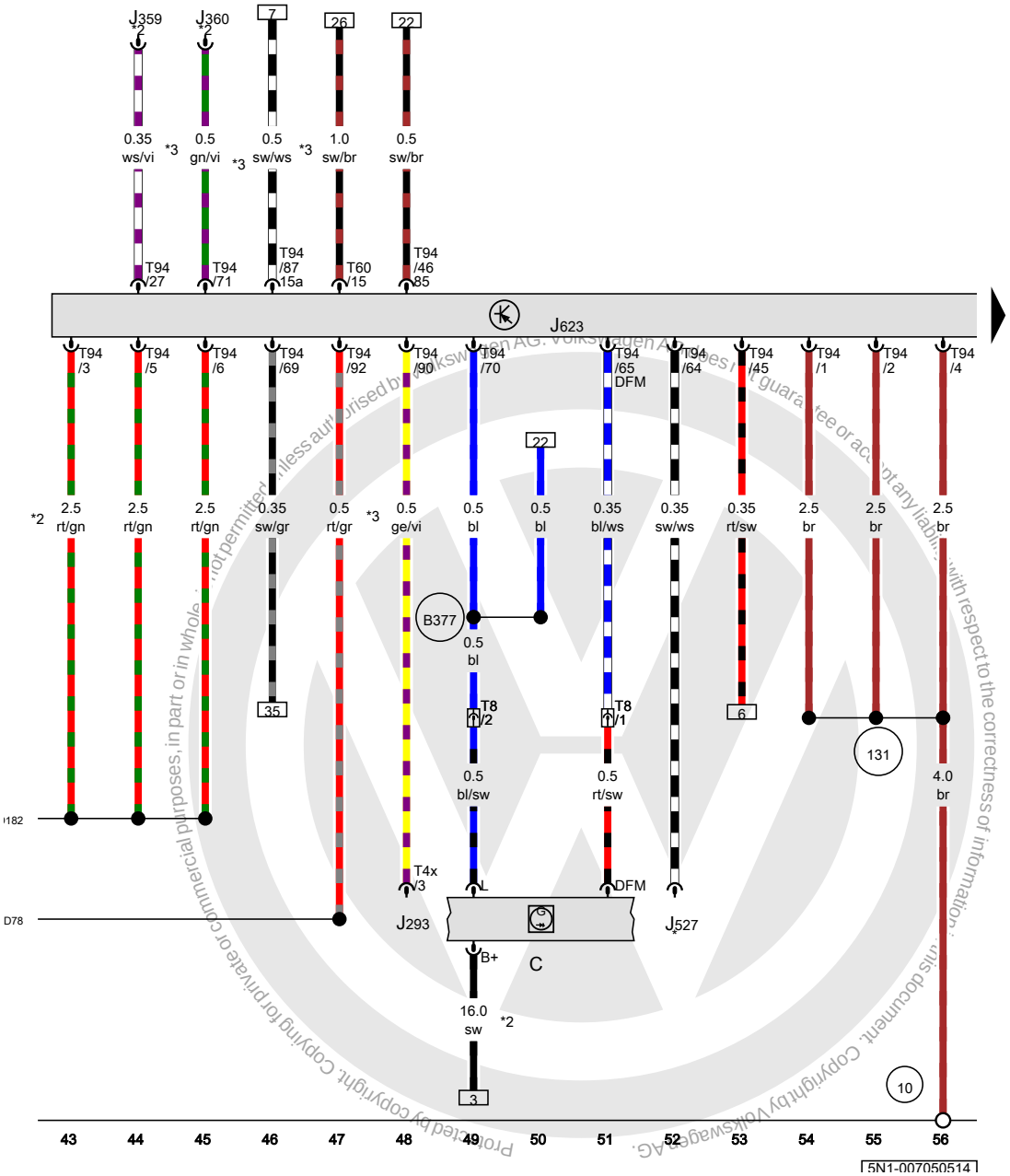
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Terminal 30 voltage supply relay, Fuel pump relay for auxiliary heater

J317	Terminal 30 voltage supply relay
J749	Fuel pump relay for auxiliary heater
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
SB28	Fuse 28 on fuse holder B
T10b	10-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
B317	Positive connection 3 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
D183	Connection 4 (87a) in engine compartment wiring harness
*	Only models with auxiliary coolant heater
*2	Gradual introduction during model year 2008
*3	According to equipment
*4	Only models with manual gearbox

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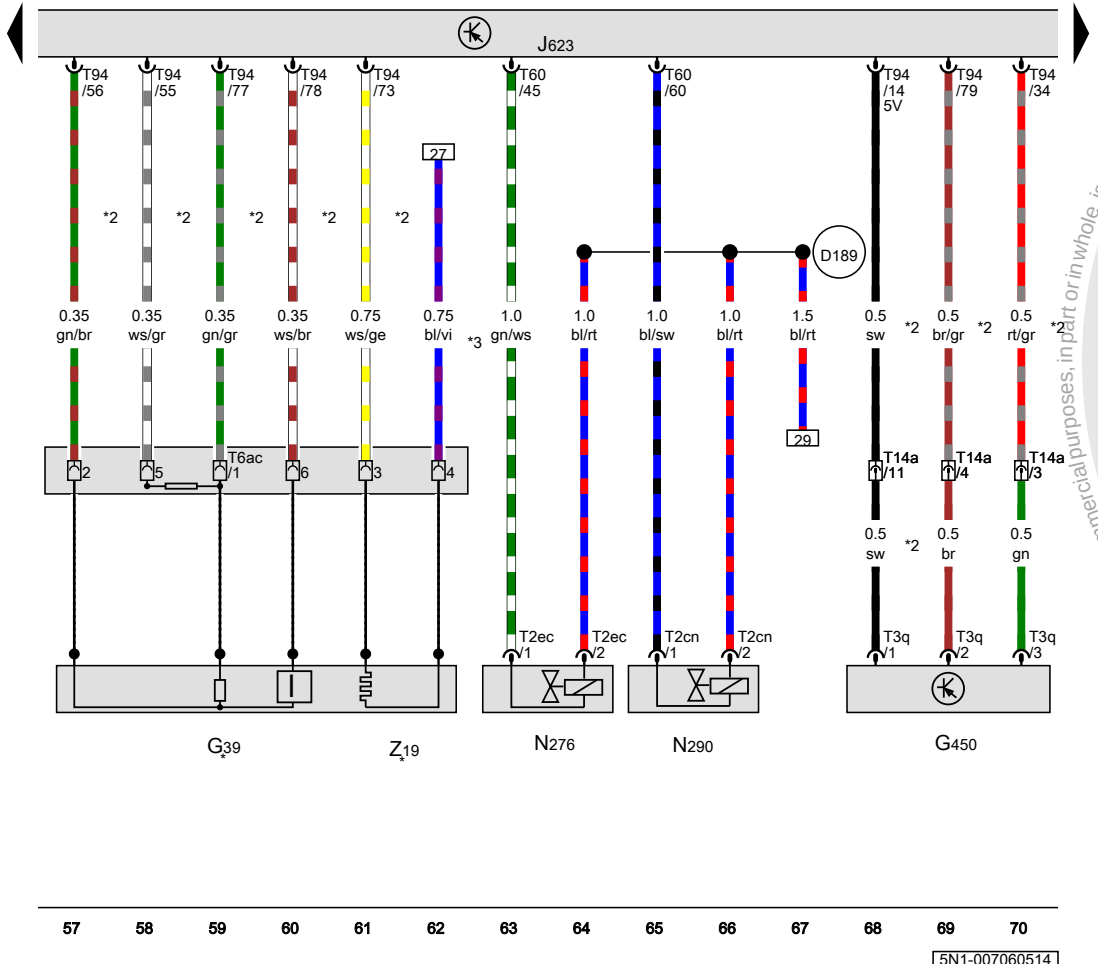
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gn = green
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Alternator, Engine control unit

C	Alternator
J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J527	Steering column electronics control unit
J623	Engine control unit
T4x	4-pin connector
T8	8-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
B377	Connection 7 (aerial), in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	Only models with cruise control system (CCS)
*2	According to equipment
*3	Gradual introduction during model year 2008

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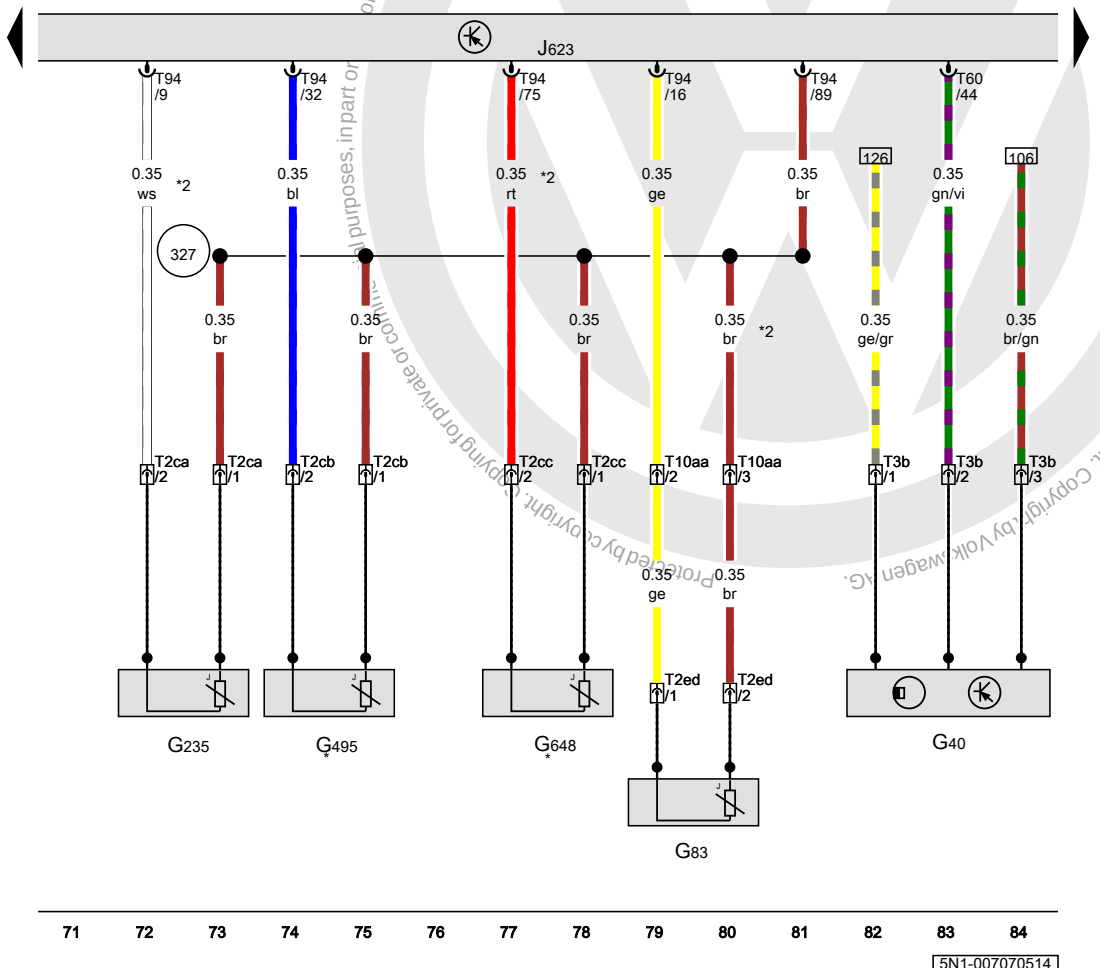
Lambda probe, Exhaust gas pressure sensor 1, Engine control unit, Fuel pressure regulating valve, Fuel metering valve



G39	Lambda probe
G450	Exhaust gas pressure sensor 1
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2cn	2-pin connector
T2ec	2-pin connector
T3q	3-pin connector
T6ac	6-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
Z19	Lambda probe heater
D189	Connection (87a) in engine prewiring harness
*	According to equipment
*2	Gradual introduction during model year 2008
*3	From May 2008

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br	=	brown
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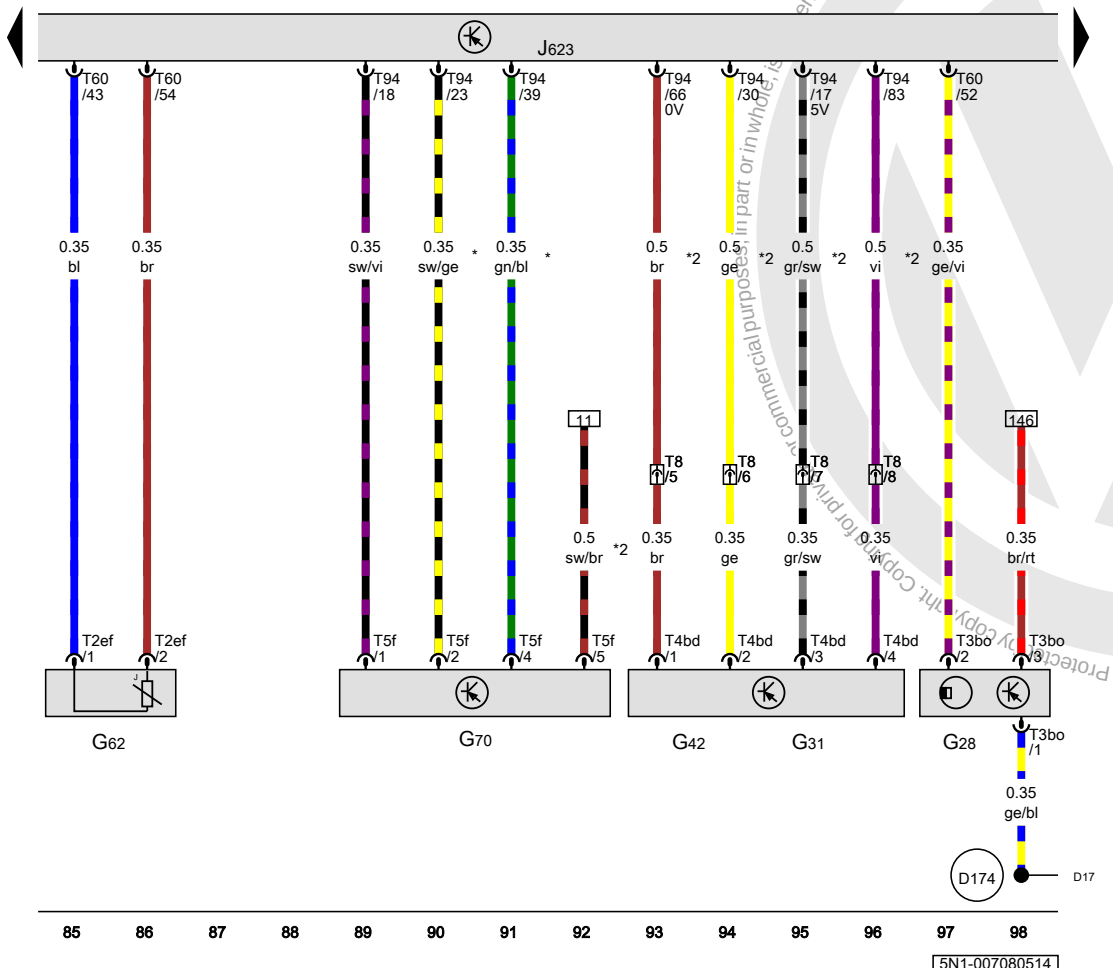
Hall sender, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G40	Hall sender
G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T2ca	2-pin connector
T2cb	2-pin connector
T2cc	2-pin connector
T2ed	2-pin connector
T3b	3-pin connector
T10aa	10-pin connector
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
*	According to equipment
*2	Gradual introduction during model year 2008

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Engine speed sender, Charge pressure sender, Intake air temperature sender, Coolant temperature sender, Air mass meter, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G70	Air mass meter
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T4bd	4-pin connector
T5f	5-pin connector
T8	8-pin connector
T60	60-pin connector
T94	94-pin connector
D174	Connection 2 (5V) in engine prewiring harness
*	According to equipment
*2	From May 2008

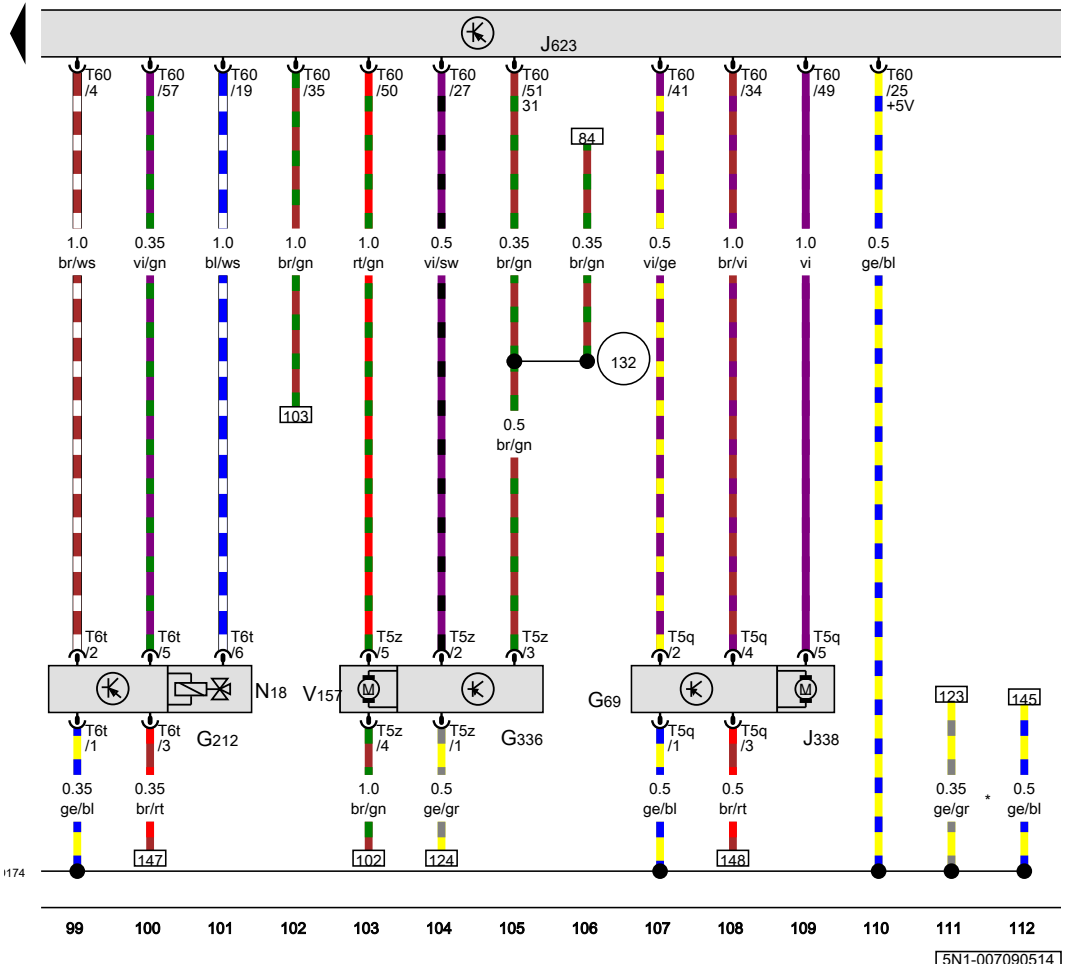


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or	=	orange
rs	=	pink

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Throttle valve potentiometer, Exhaust gas recirculation potentiometer, Intake manifold flap potentiometer, Engine control unit, Exhaust gas recirculation valve, Intake manifold flap motor

G69	Throttle valve potentiometer
G212	Exhaust gas recirculation potentiometer
G336	Intake manifold flap potentiometer
J338	Throttle valve module
J623	Engine control unit
N18	Exhaust gas recirculation valve
T5q	5-pin connector
T5z	5-pin connector
T6t	6-pin connector
T60	60-pin connector
V157	Intake manifold flap motor
132	Earth connection 3, in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	From May 2008

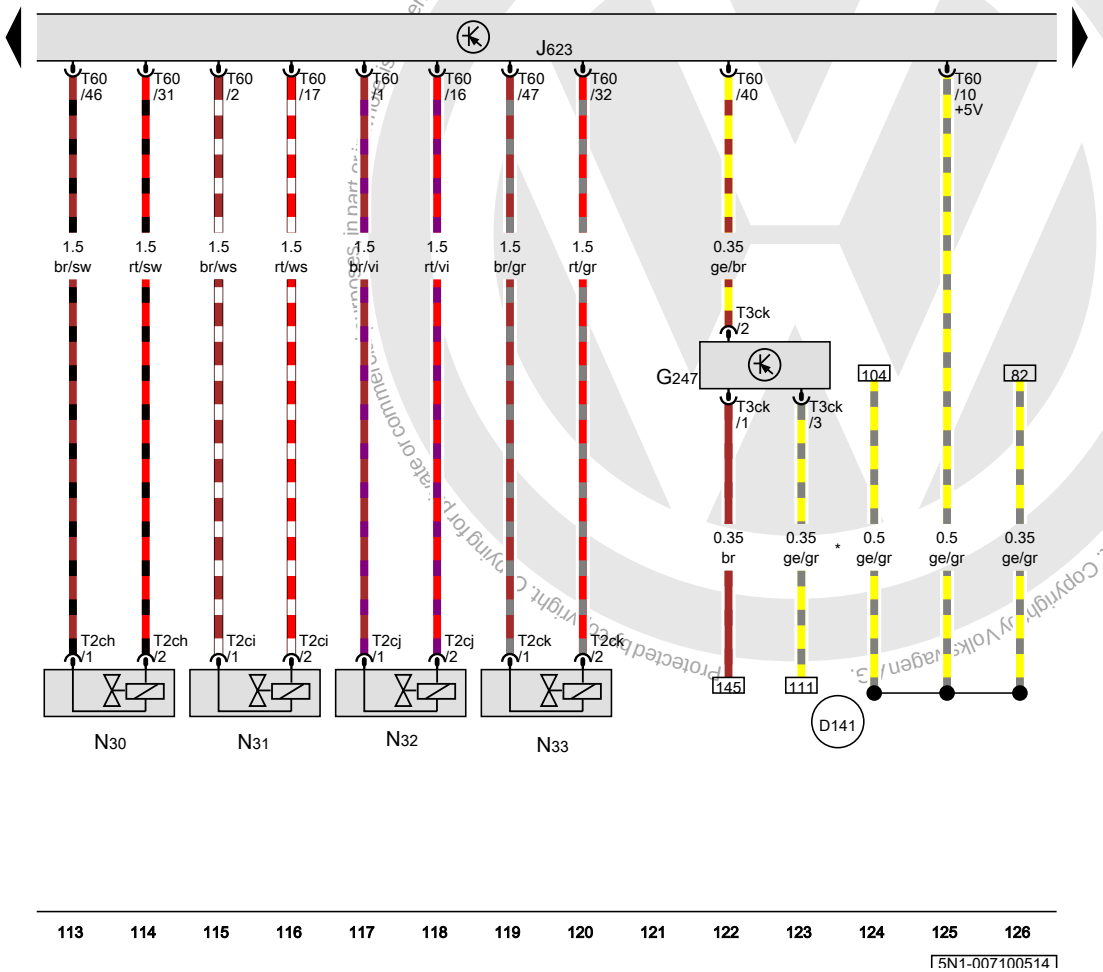


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Fuel pressure sender, Engine control unit, Injector, cylinder 1

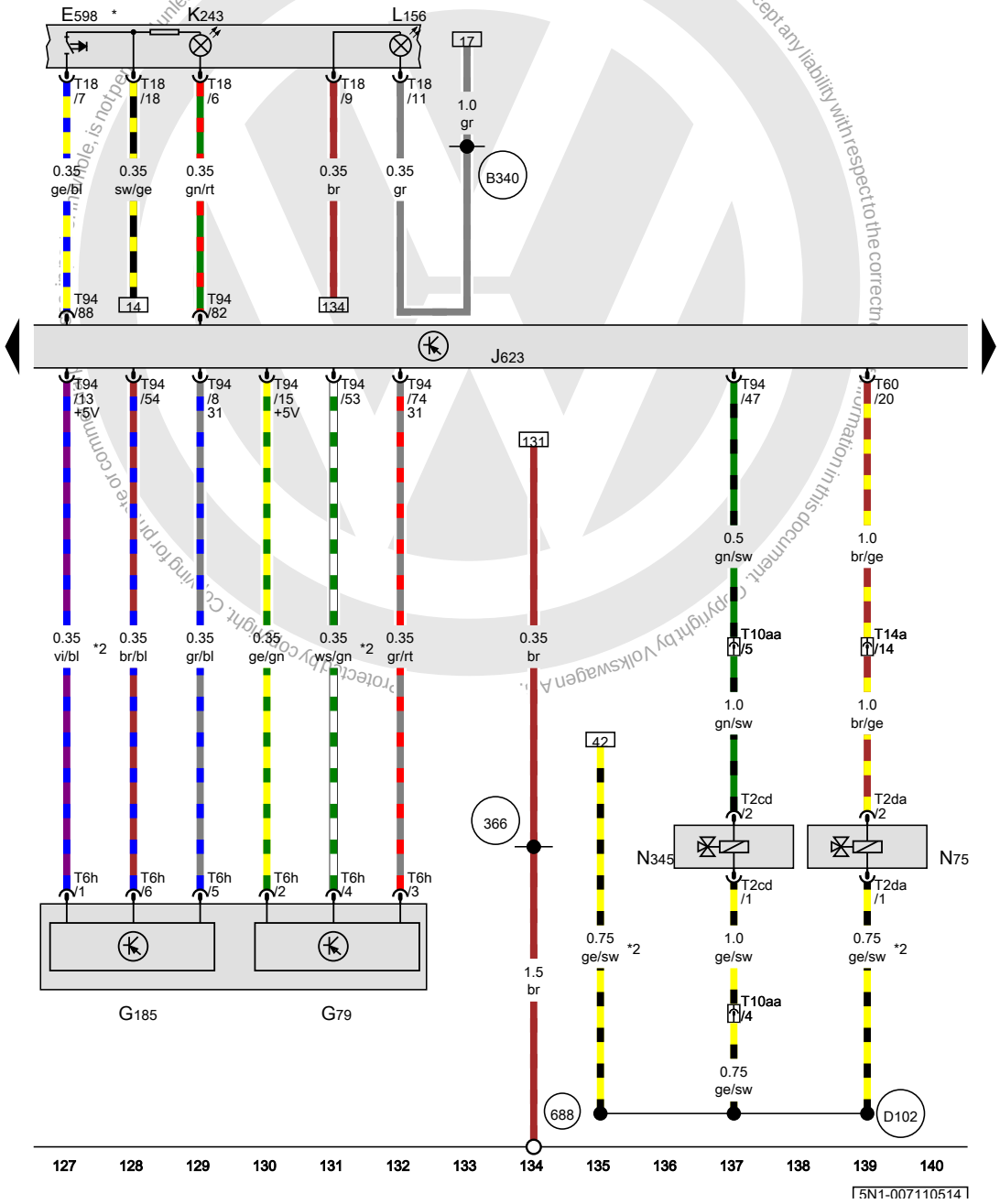
G247	Fuel pressure sender
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T3ck	3-pin connector
T60	60-pin connector
D141	Connection (5V) in engine prewiring harness
*	From May 2008



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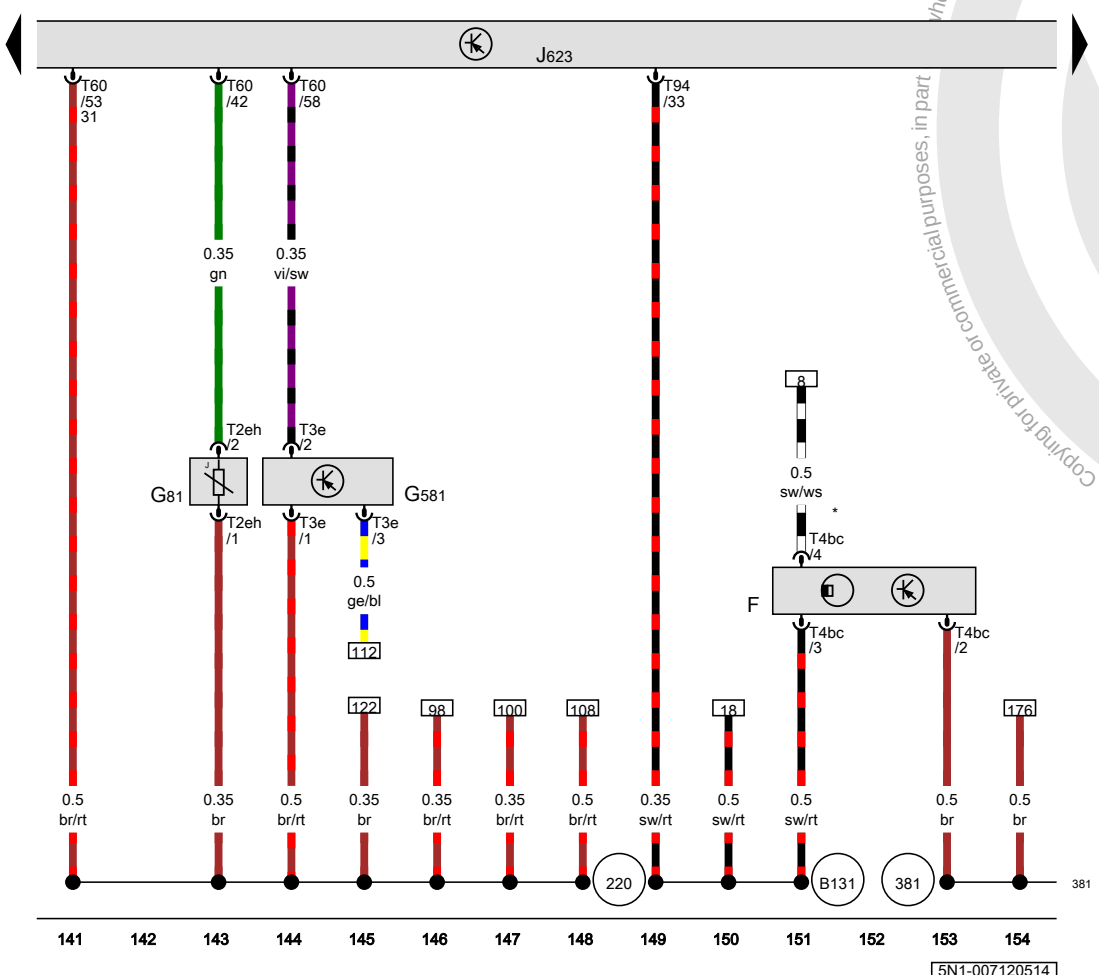
Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

E598	Driving program button
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T2cd	2-pin connector
T2da	2-pin connector
T6h	6-pin connector
T10aa	10-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
D102	Connection 2 in engine compartment wiring harness
*	According to equipment
*2	Gradual introduction during model year 2008

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Brake light switch, Fuel temperature sender, Position sender for charge pressure positioner, Engine control unit

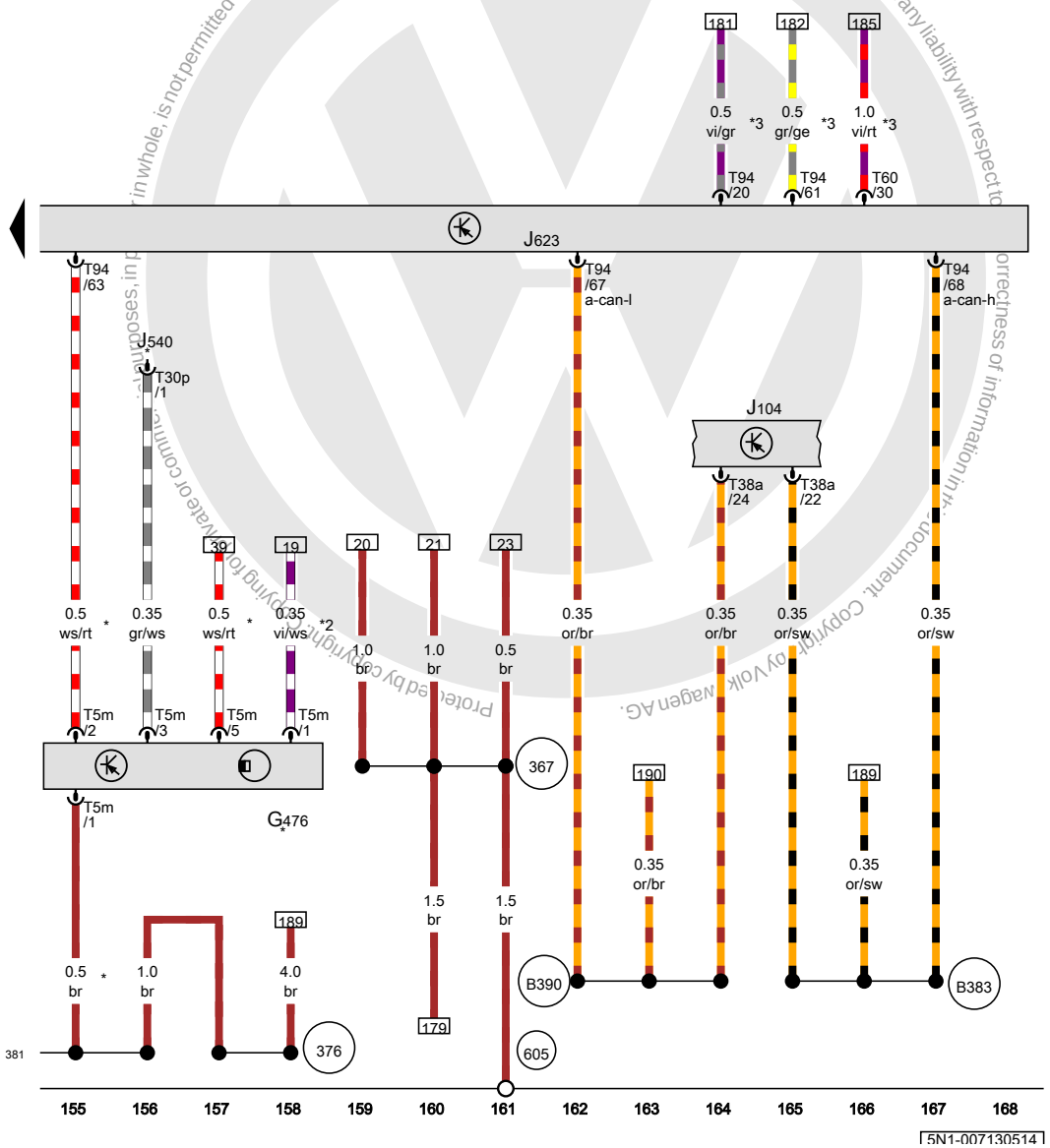
F	Brake light switch
G81	Fuel temperature sender
G581	Position sender for charge pressure positioner
J623	Engine control unit
T2eh	2-pin connector
T3e	3-pin connector
T4bc	4-pin connector
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness
*	From May 2008



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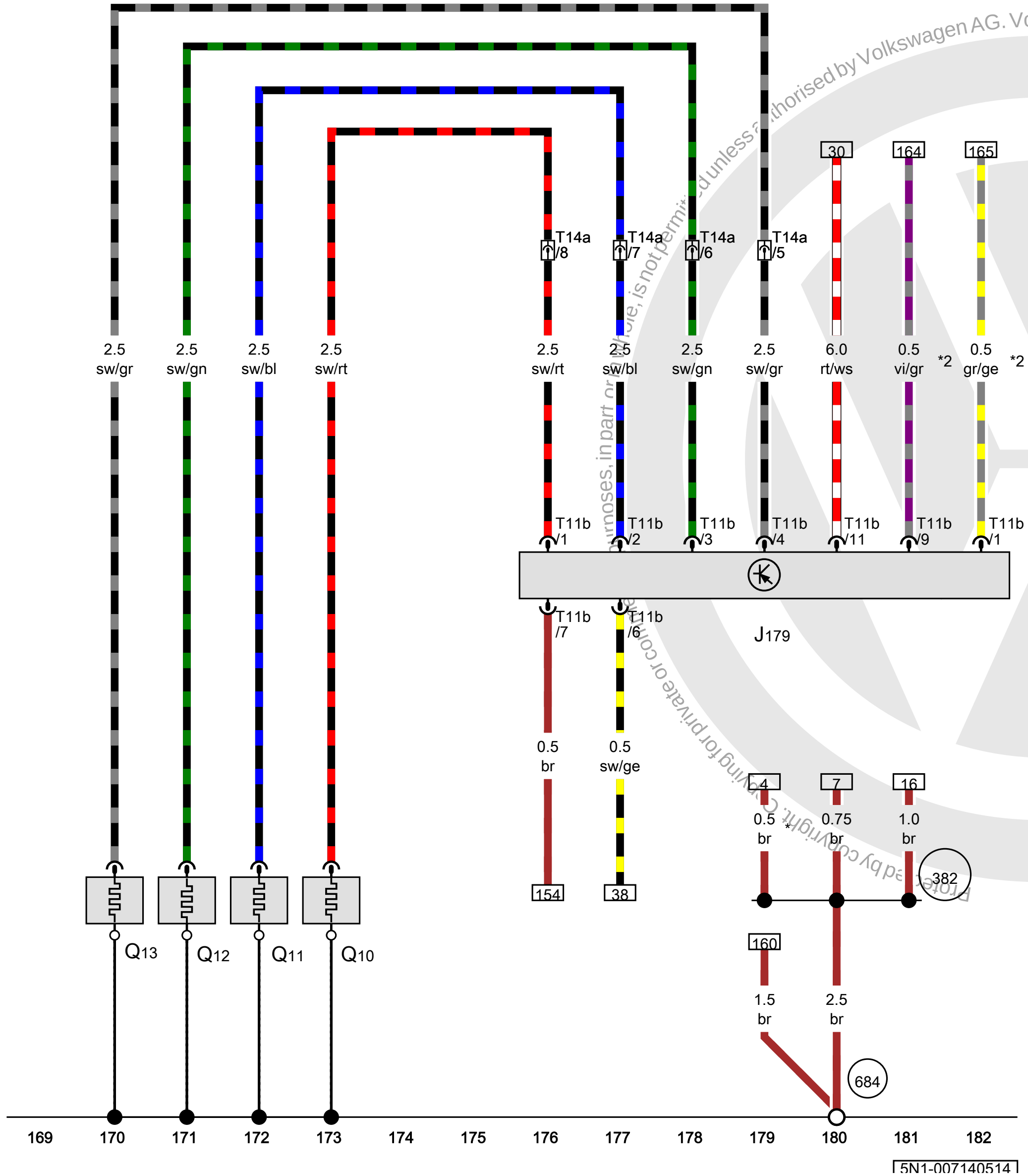
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Clutch position sender, Engine control unit

G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5m	5-pin connector
T30p	30-pin connector
T38a	38-pin connector
T60	60-pin connector
T94	94-pin connector
367	Earth connection 2, in main wiring harness
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
605	Earth point, on top end of steering column
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only for American markets
*3	Gradual introduction during model year 2008

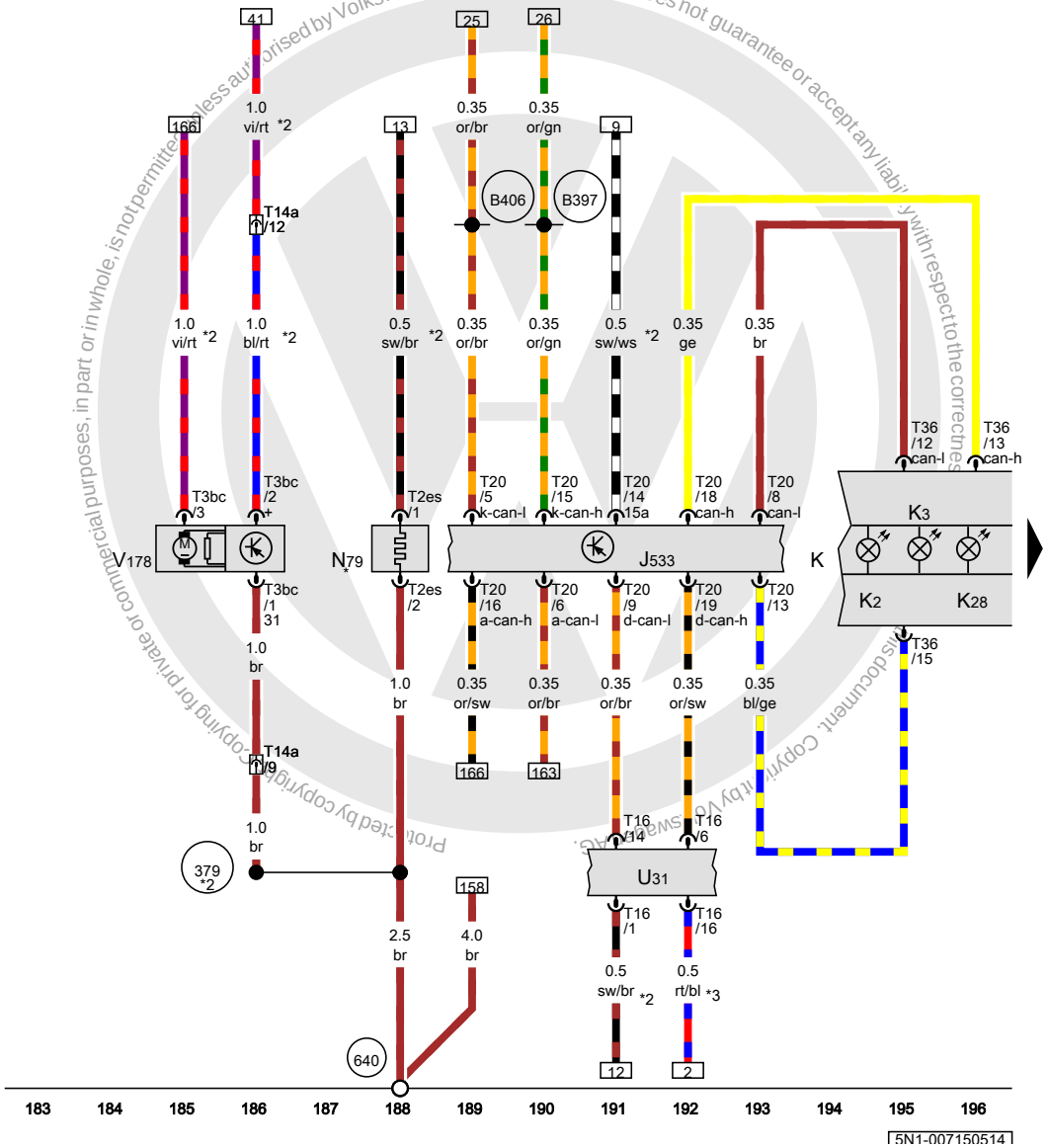
Automatic glow period control unit, Glow plug 1

J179	Automatic glow period control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T11b	11-pin connector
T14a	14-pin connector
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
*	According to equipment
*2	Gradual introduction during model year 2008



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Data bus diagnostic interface, Dash panel insert, Heater element for crankcase breather, Diagnostic connection, Coolant circulation pump 2

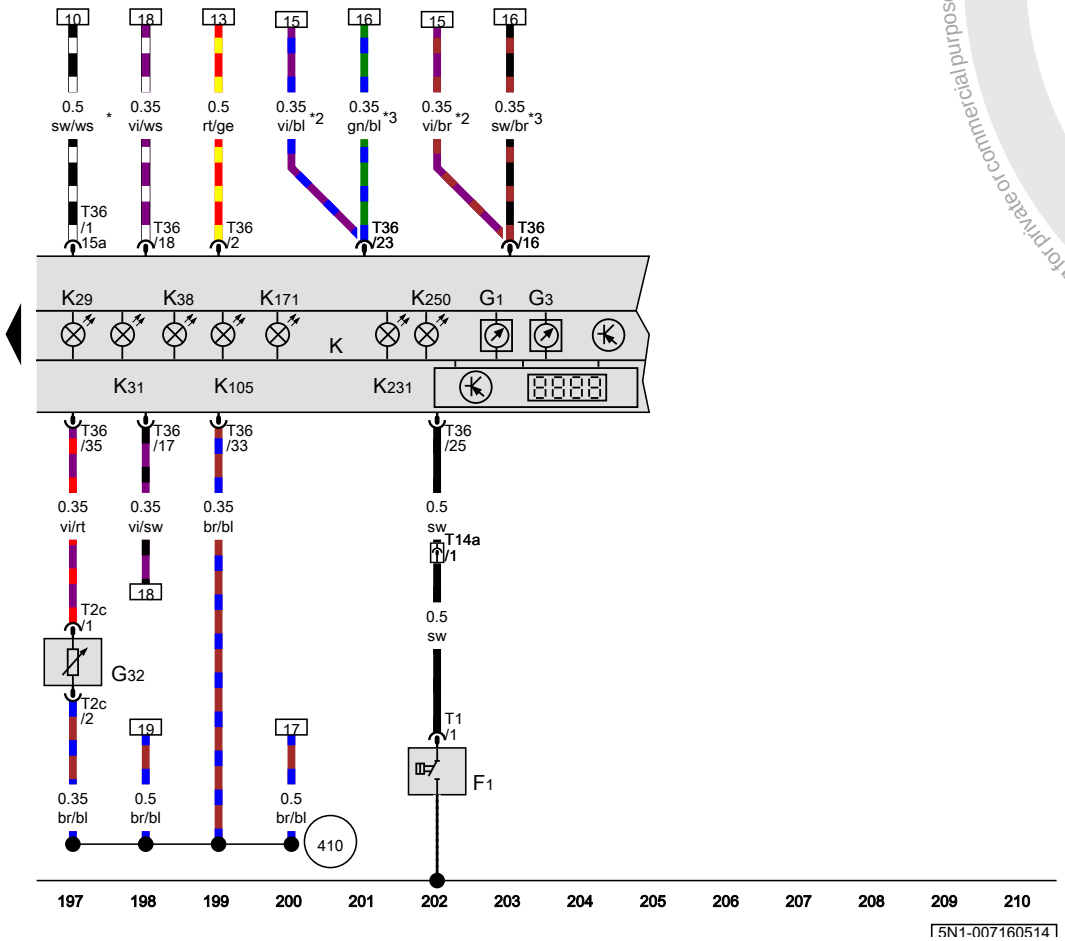
J533	Data bus diagnostic interface
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
N79	Heater element for crankcase breather
T2es	2-pin connector
T3bc	3-pin connector
T14a	14-pin connector
T16	16-pin connector
T20	20-pin connector
T36	36-pin connector
U31	Diagnostic connection
V178	Coolant circulation pump 2
379	Earth connection 14, in main wiring harness
640	Earth point 2, left in engine compartment
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only for countries with cold climate
*2	Gradual introduction during model year 2008
*3	From May 2008

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Oil pressure switch, Coolant shortage indicator sender, Dash panel insert

F1	Oil pressure switch
G1	Fuel gauge
G3	Coolant temperature gauge
G32	Coolant shortage indicator sender
K	Dash panel insert
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
K171	Bonnet open warning lamp
K231	Diesel particulate filter warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T2c	2-pin connector
T14a	14-pin connector
T36	36-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
*	Gradual introduction during model year 2008
*2	Up to May 2008
*3	From May 2008

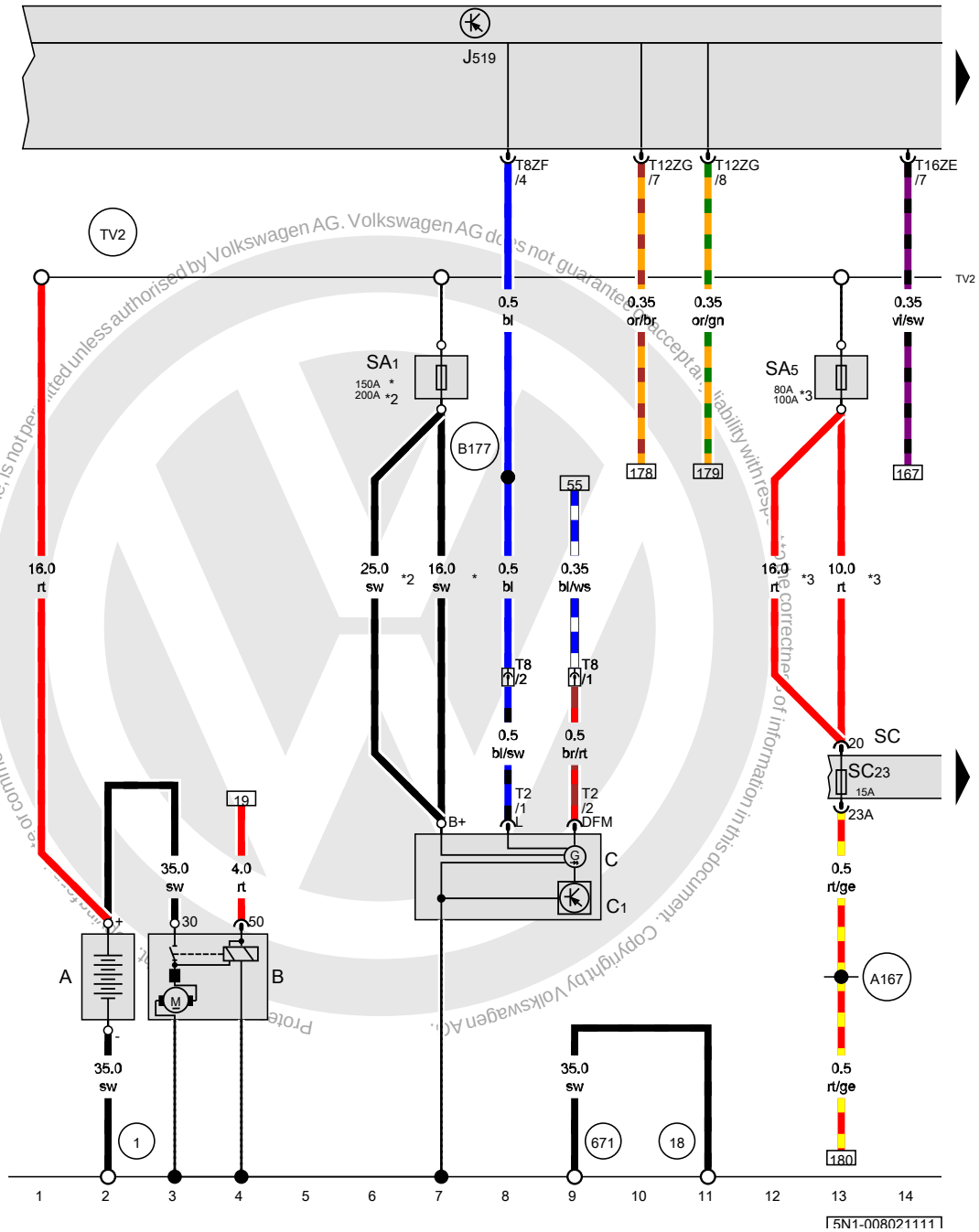


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2.0l petrol engine , CAWA,CAWB

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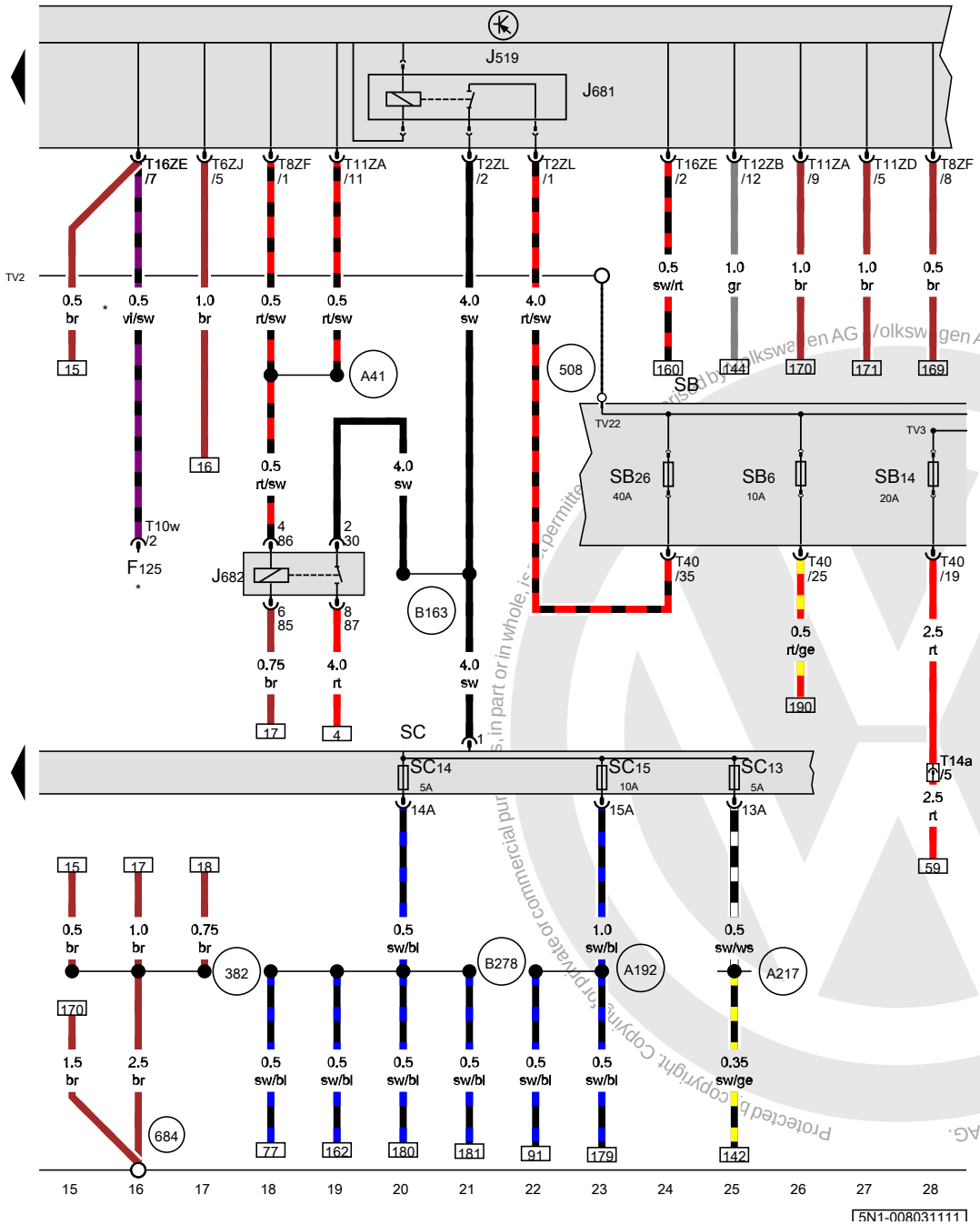


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Battery, Starter, Alternator, Onboard supply control unit, Fuse holder C

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SC	Fuse holder C
SC23	Fuse 23 on fuse holder C
T2	2-pin connector
T2lft	2-pin connector
T8	8-pin connector
T8ZF	8-pin connector
T12ZG	12-pin connector
T16ZE	16-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
671	Earth point 1, on front of left longitudinal member
A167	Positive connection 3 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
TV2	Terminal 30 wiring junction
*	Only models with 90 A/ 110 A alternator
*2	Only models with 140A alternator
*3	According to equipment

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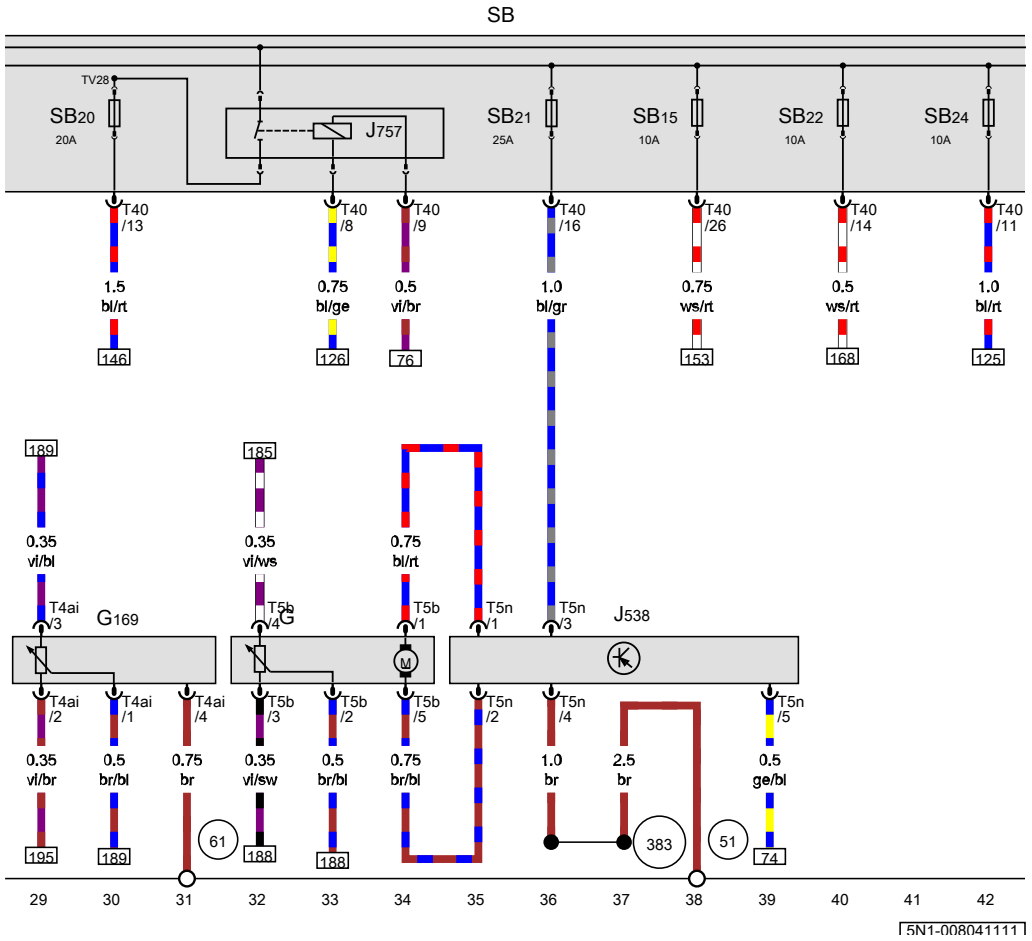
Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder B, Fuse holder C

F125	Multifunction switch
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SB14	Fuse 14 on fuse holder B
SC15	Fuse 15 on fuse holder C
SB26	Fuse 26 on fuse holder B
T2ZL	2-pin connector
T6ZJ	6-pin connector
T8ZF	8-pin connector
T10w	10-pin connector
T11ZA	11-pin connector
T11ZD	11-pin connector
T12ZB	12-pin connector
T14a	14-pin connector
T16ZE	16-pin connector
T40	40-pin connector
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
684	Earth point on front of left side member
A41	Positive connection (50), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
TV2	Terminal 30 wiring junction
*	According to equipment

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Fuel gauge sender, Fuel gauge sender 2, Fuel pump control unit, Engine component current supply relay, Fuse holder B

G	Fuel gauge sender
G169	Fuel gauge sender 2
J538	Fuel pump control unit
J757	Engine component current supply relay
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB24	Fuse 24 on fuse holder B
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T40	40-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness

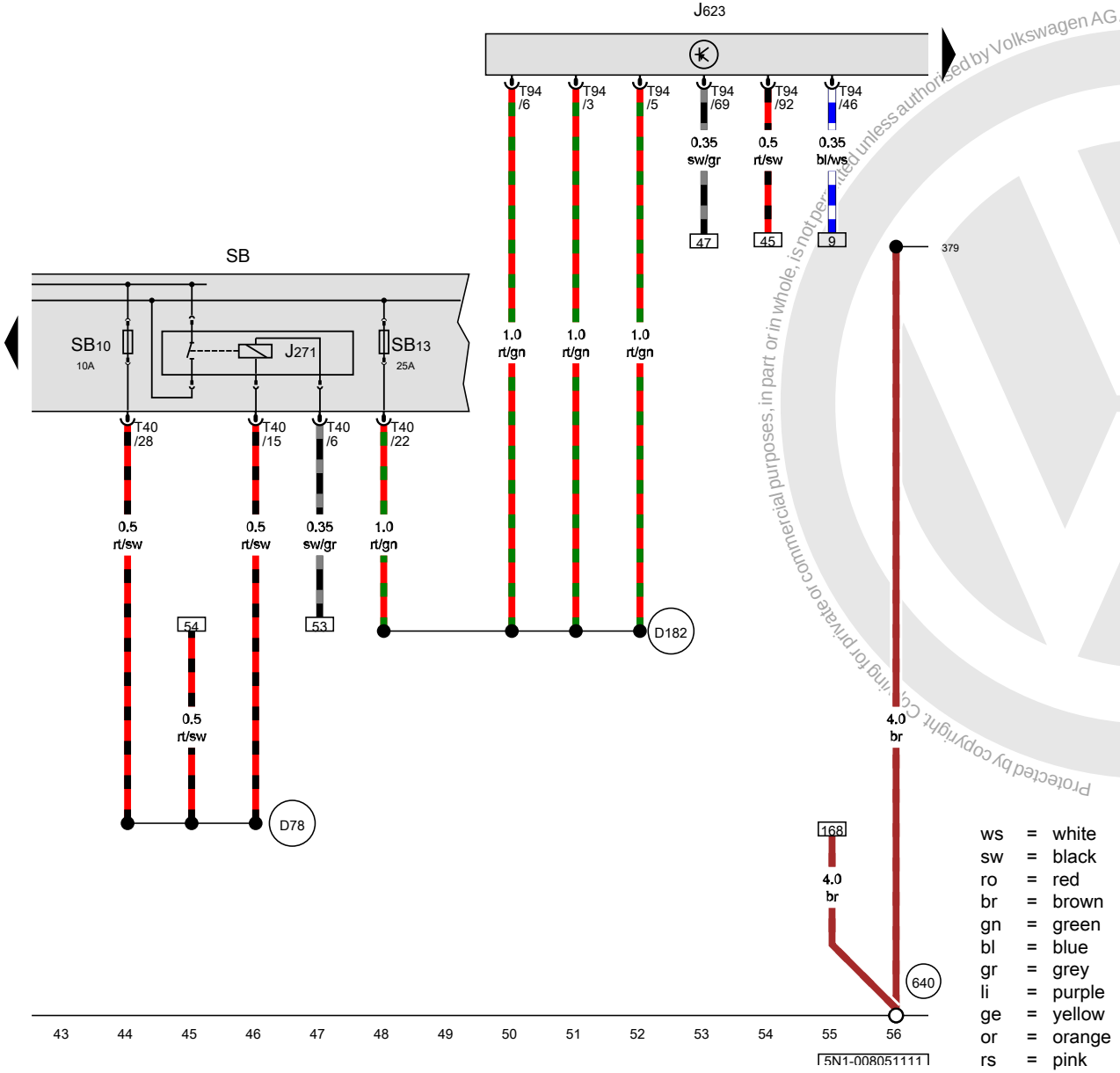


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Main relay, Engine control unit, Fuse holder B

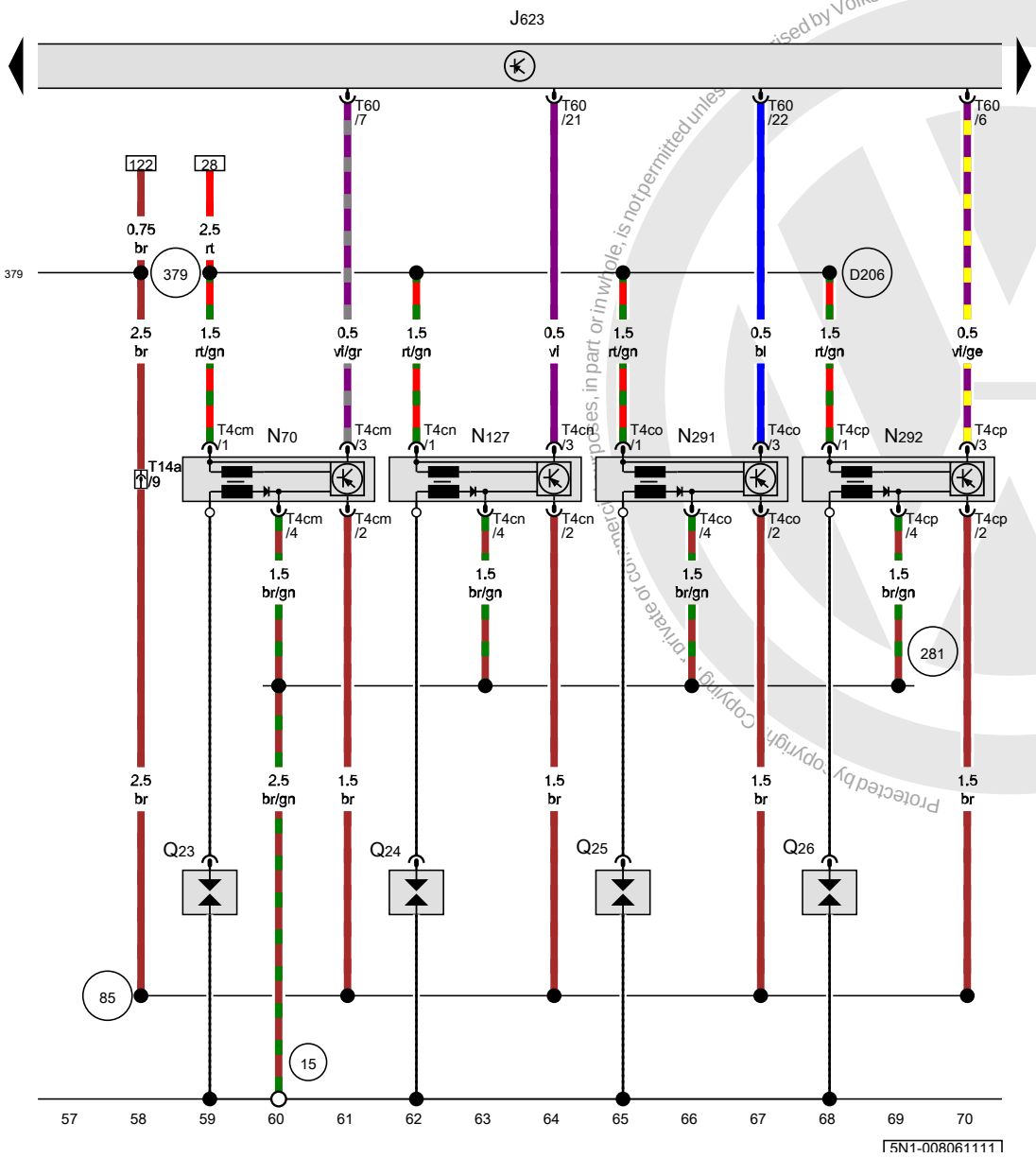
J271	Main relay
J623	Engine control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
T40	40-pin connector
T94	94-pin connector
379	Earth connection 14, in main wiring harness
640	Earth point 2, left in engine compartment
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness



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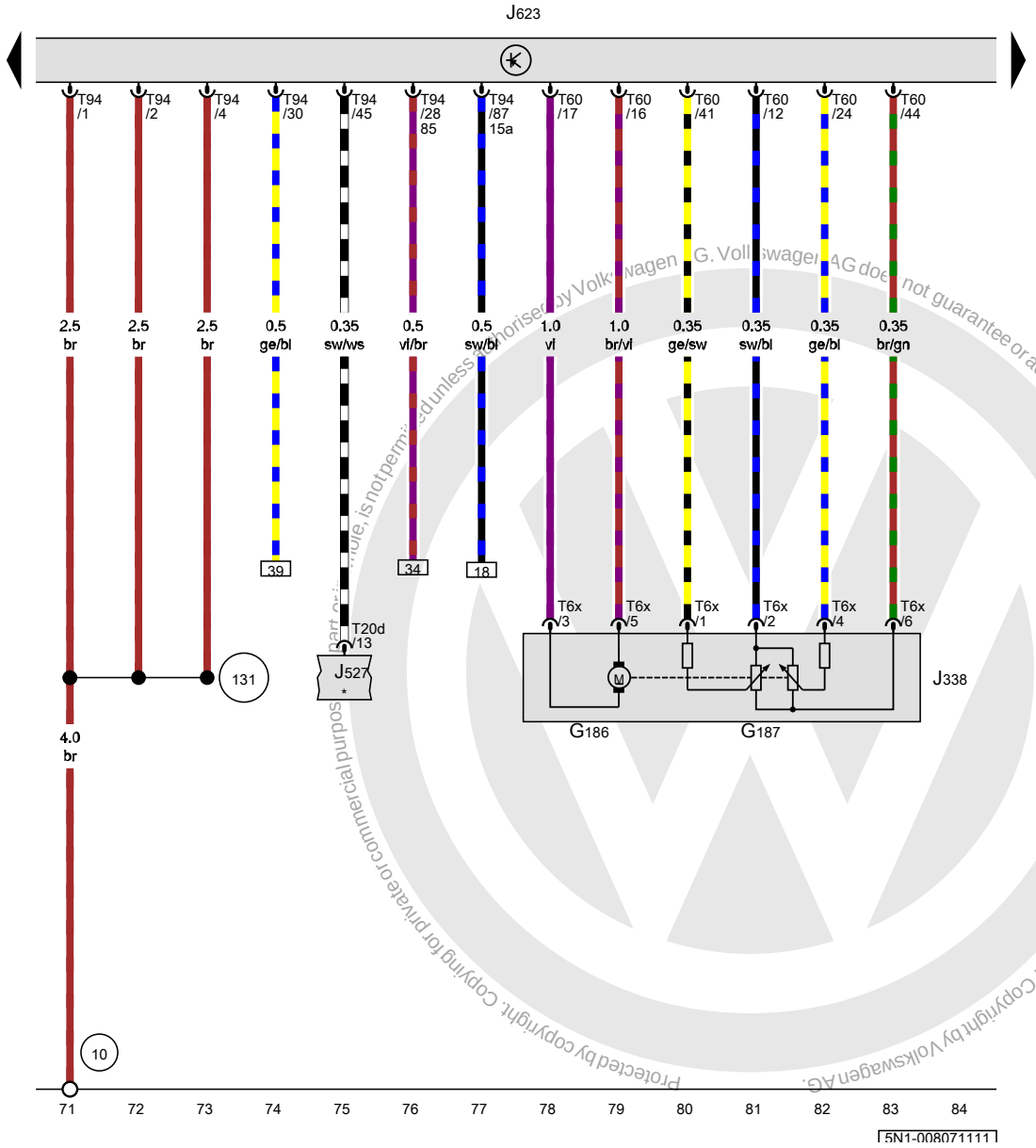
Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage



J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
379	Earth connection 14, in main wiring harness
D206	Connection 4 (87a) in engine prewiring harness

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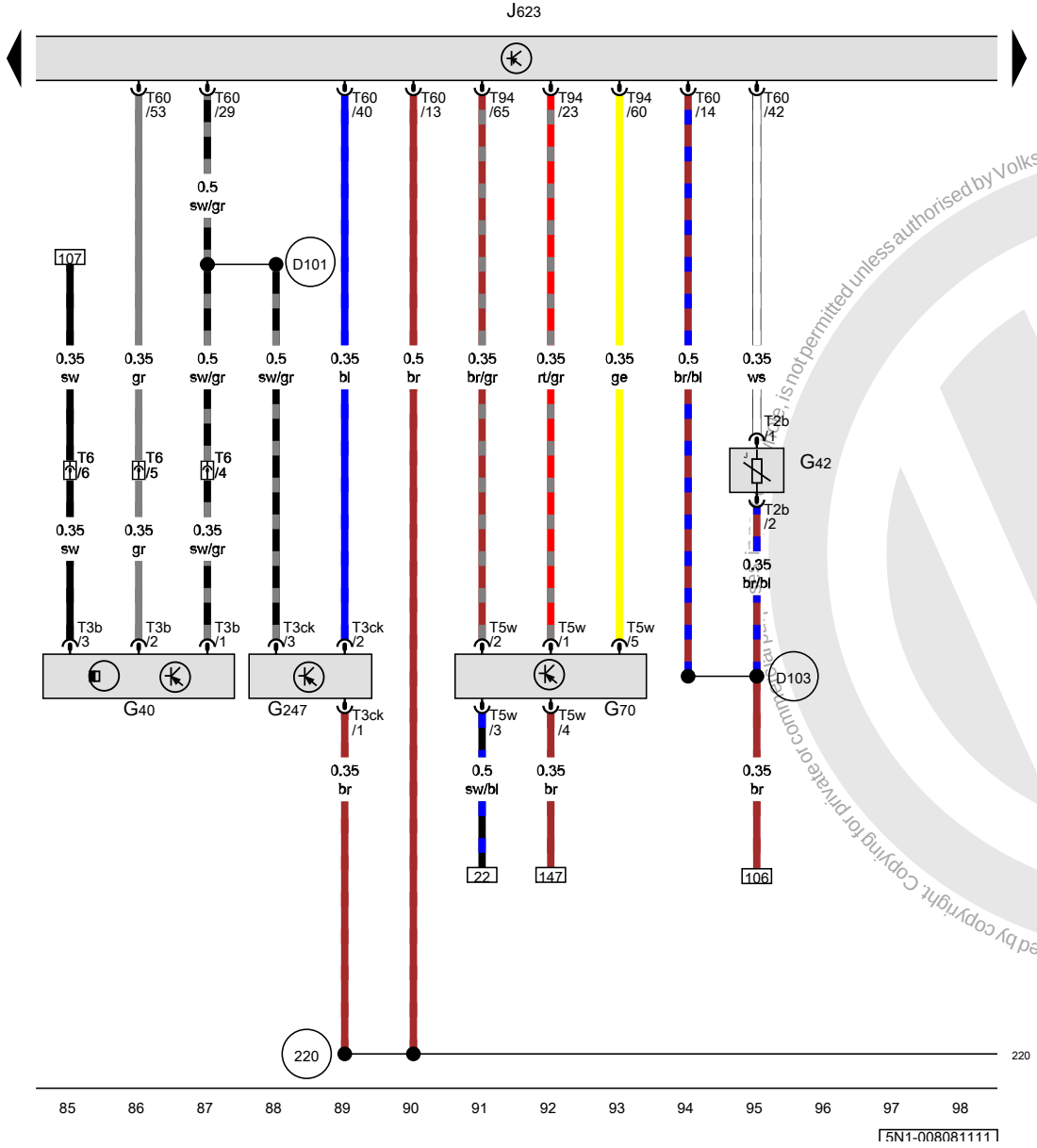
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Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve module, Engine control unit

G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
J338	Throttle valve module
J527	Steering column electronics control unit
J623	Engine control unit
T6x	6-pin connector
T20d	20-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)

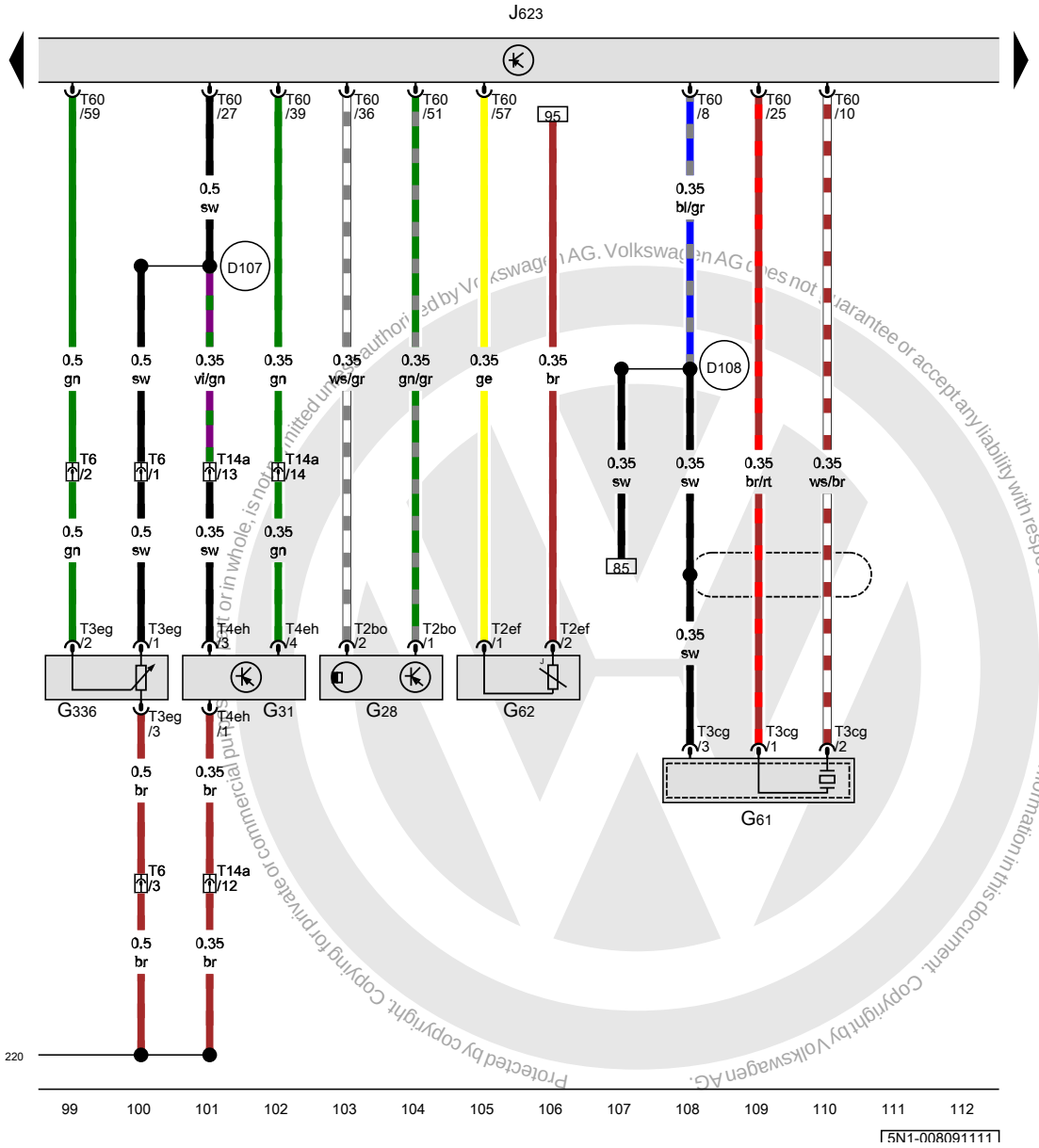
Hall sender, Intake air temperature sender, Air mass meter, Fuel pressure sender, Engine control unit

G40	Hall sender
G42	Intake air temperature sender
G70	Air mass meter
G247	Fuel pressure sender
J623	Engine control unit
T2b	2-pin connector
T3b	3-pin connector
T3ck	3-pin connector
T5w	5-pin connector
T6	6-pin connector
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness



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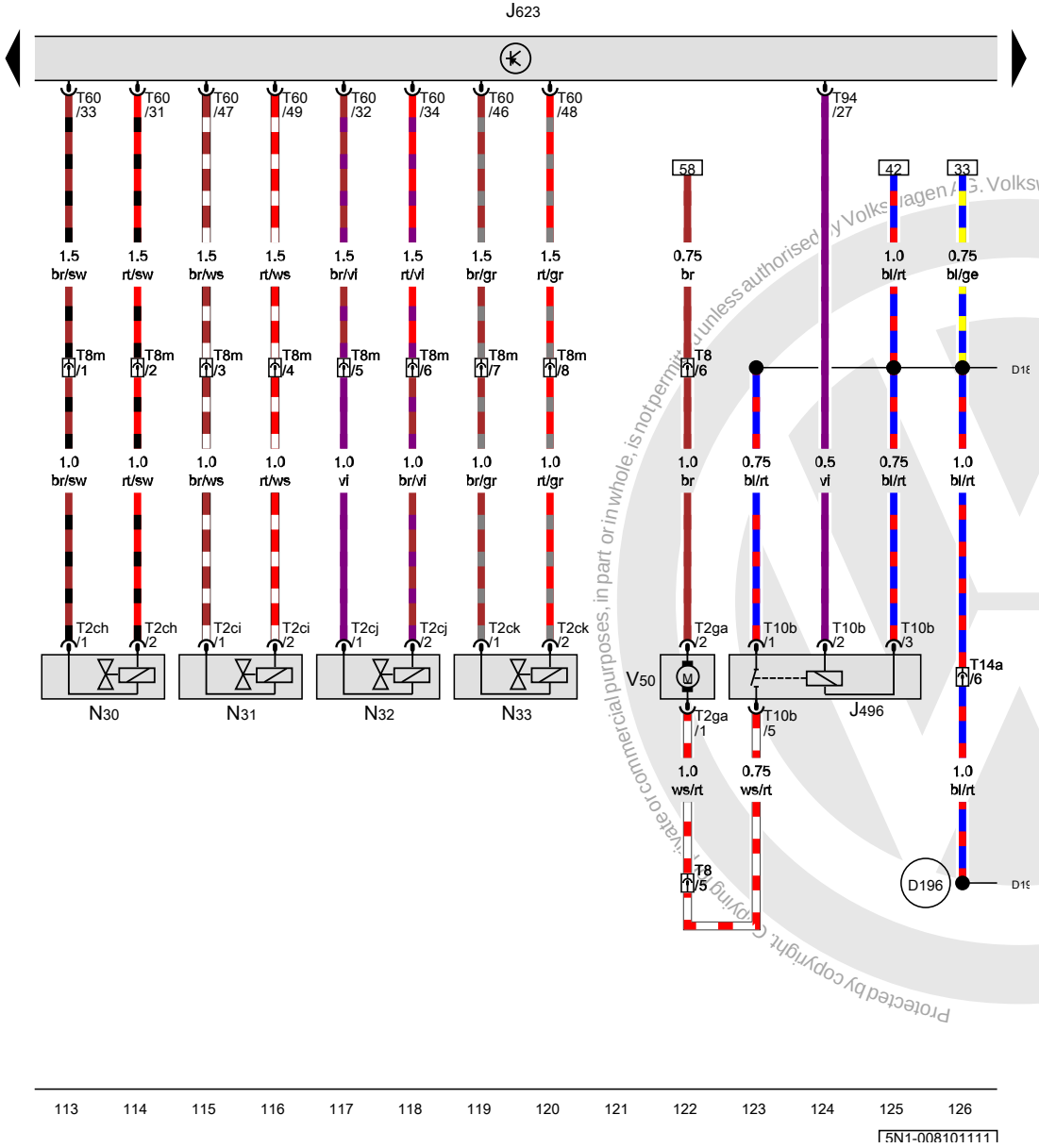
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Engine speed sender, Charge pressure sender, Knock sensor 1, Coolant temperature sender, Intake manifold flap potentiometer, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G61	Knock sensor 1
G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
T2bo	2-pin connector
T2ef	2-pin connector
T3cg	3-pin connector
T3eg	3-pin connector
T4eh	4-pin connector
T6	6-pin connector
T14a	14-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness

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rs	=	pink

Additional coolant pump relay, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Coolant circulation pump



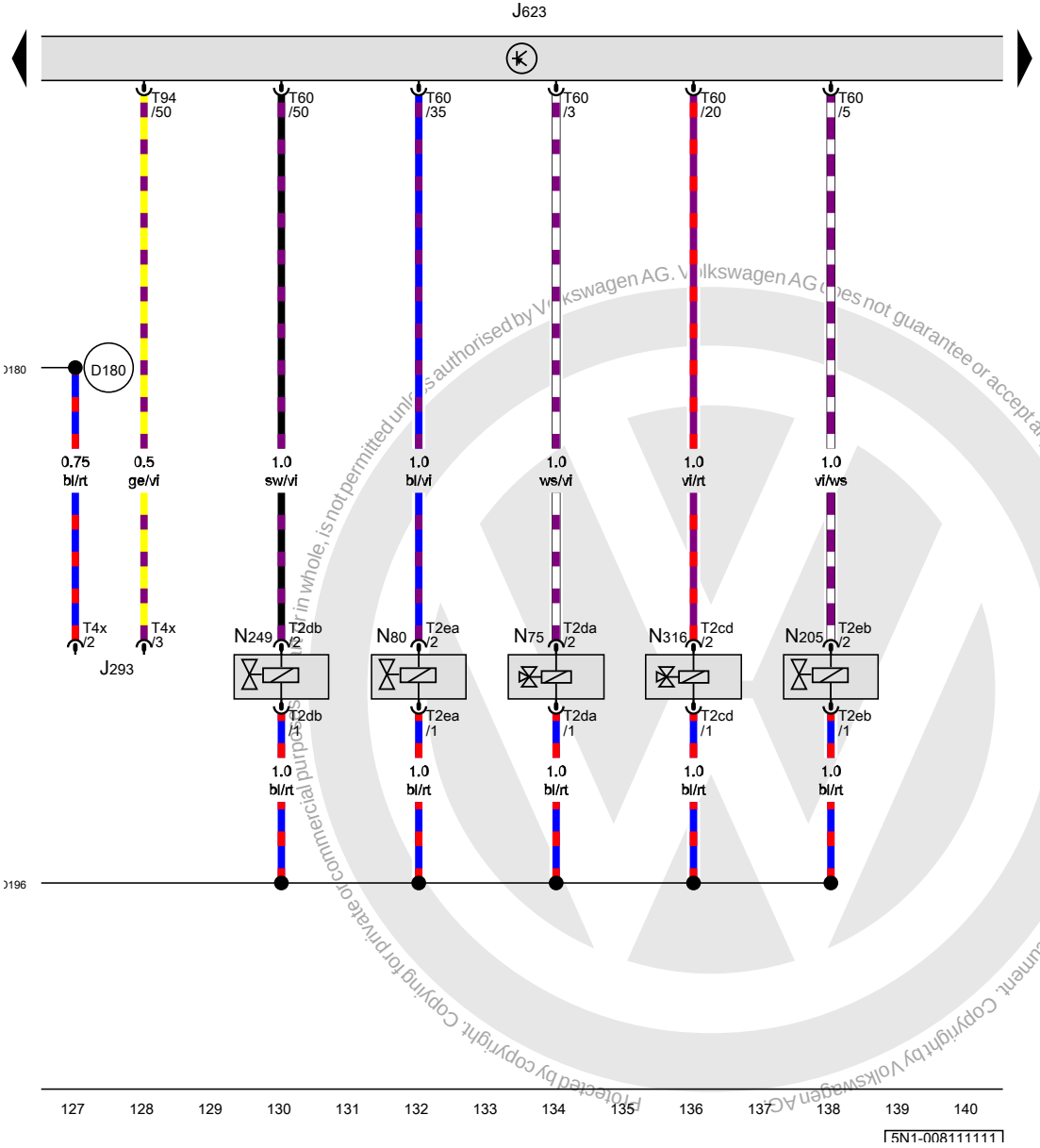
J496 Additional coolant pump relay
J623 Engine control unit
N30 Injector, cylinder 1
N31 Injector, cylinder 2
N32 Injector, cylinder 3
N33 Injector, cylinder 4
T2ch 2-pin connector
T2ci 2-pin connector
T2cj 2-pin connector
T2ck 2-pin connector
T2ga 2-pin connector
T8 8-pin connector
T8m 8-pin connector
T10b 10-pin connector
T14a 14-pin connector
T60 60-pin connector
T94 94-pin connector
V50 Coolant circulation pump

D180 Connection (87a), in engine compartment wiring harness

D196 Connection 2 (87a) in engine prewiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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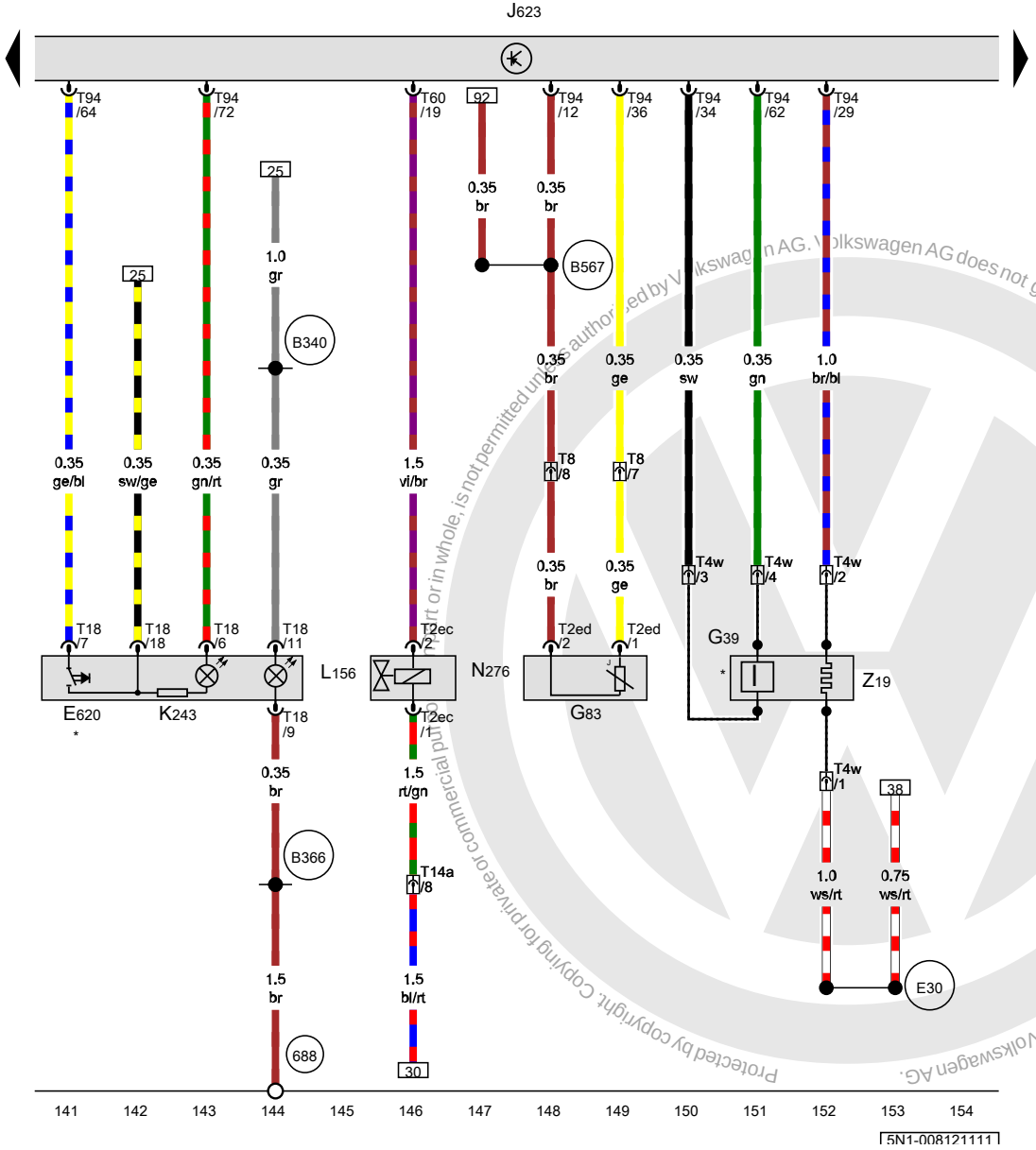
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Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

J293	Radiator fan control unit
J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T2cd	2-pin connector
T2da	2-pin connector
T2db	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T4x	4-pin connector
T60	60-pin connector
T94	94-pin connector
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

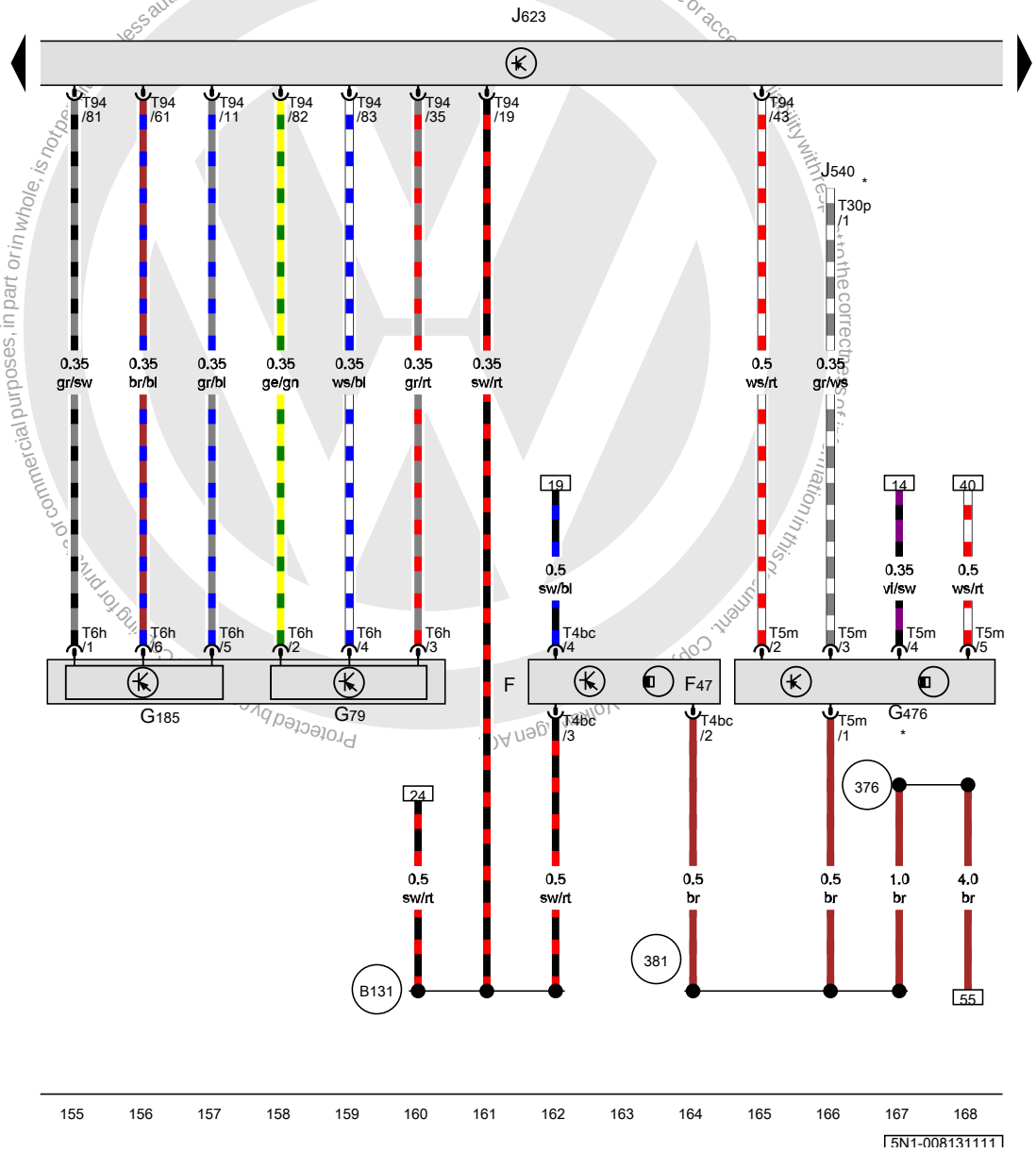
Multifunction module, Lambda probe, Radiator outlet coolant temperature sender, Engine control unit, Fuel pressure regulating valve



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E620	Multifunction module
G39	Lambda probe
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N276	Fuel pressure regulating valve
T2ec	2-pin connector
T2ed	2-pin connector
T4w	4-pin connector
T8	8-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
Z19	Lambda probe heater
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
B366	Positive connection 17 (87a) in main wiring harness
B567	Connection 34, in main wiring harness
E30	Connection (87a), in engine wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

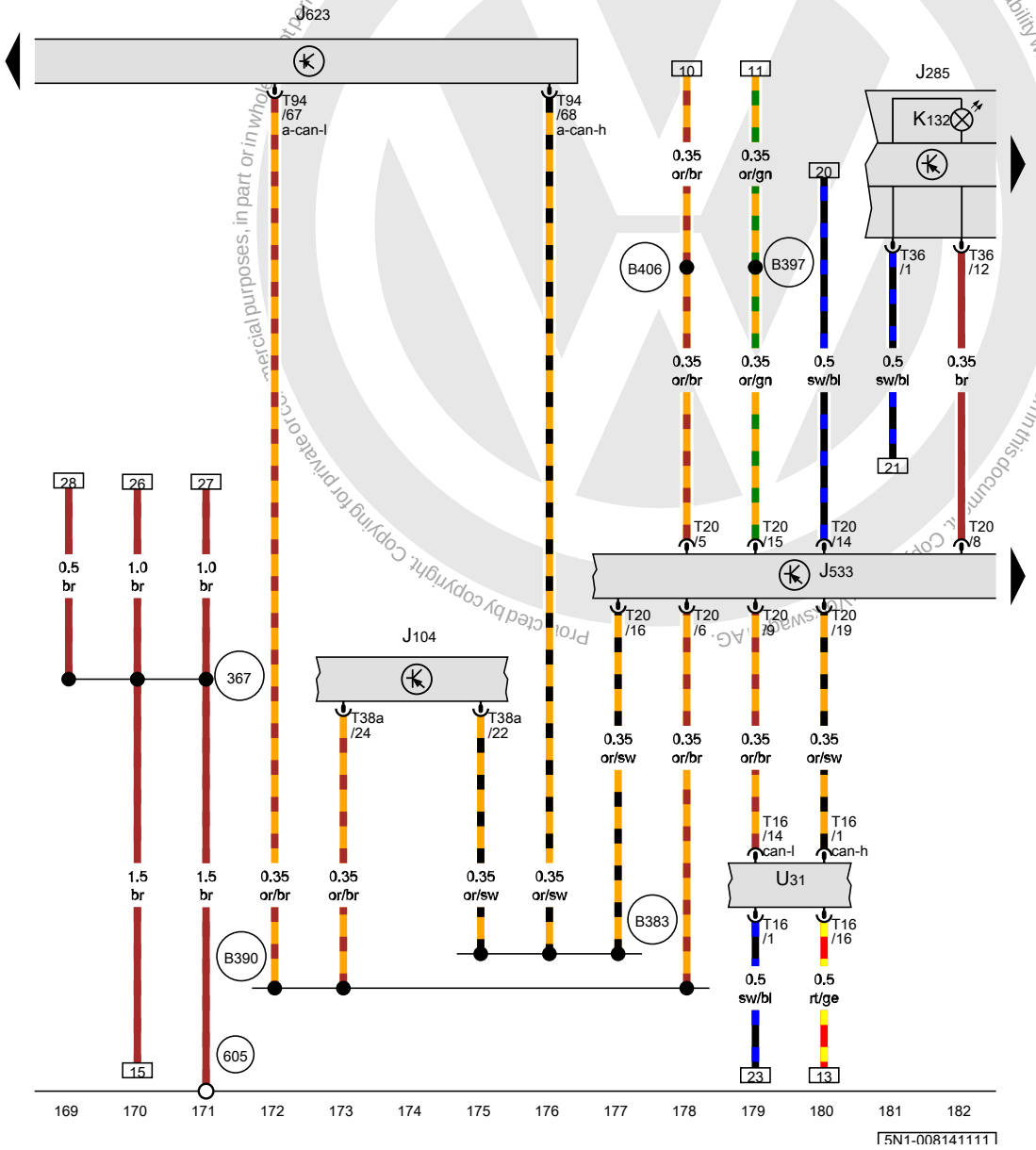


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Brake light switch, Accelerator position sender, Accelerator position sender 2, Clutch position sender, Engine control unit

F	Brake light switch
F47	Brake pedal switch
G79	Accelerator position sender
G185	Accelerator position sender 2
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T4bc	4-pin connector
T5m	5-pin connector
T6h	6-pin connector
T30p	30-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness
*	Only models with manual gearbox

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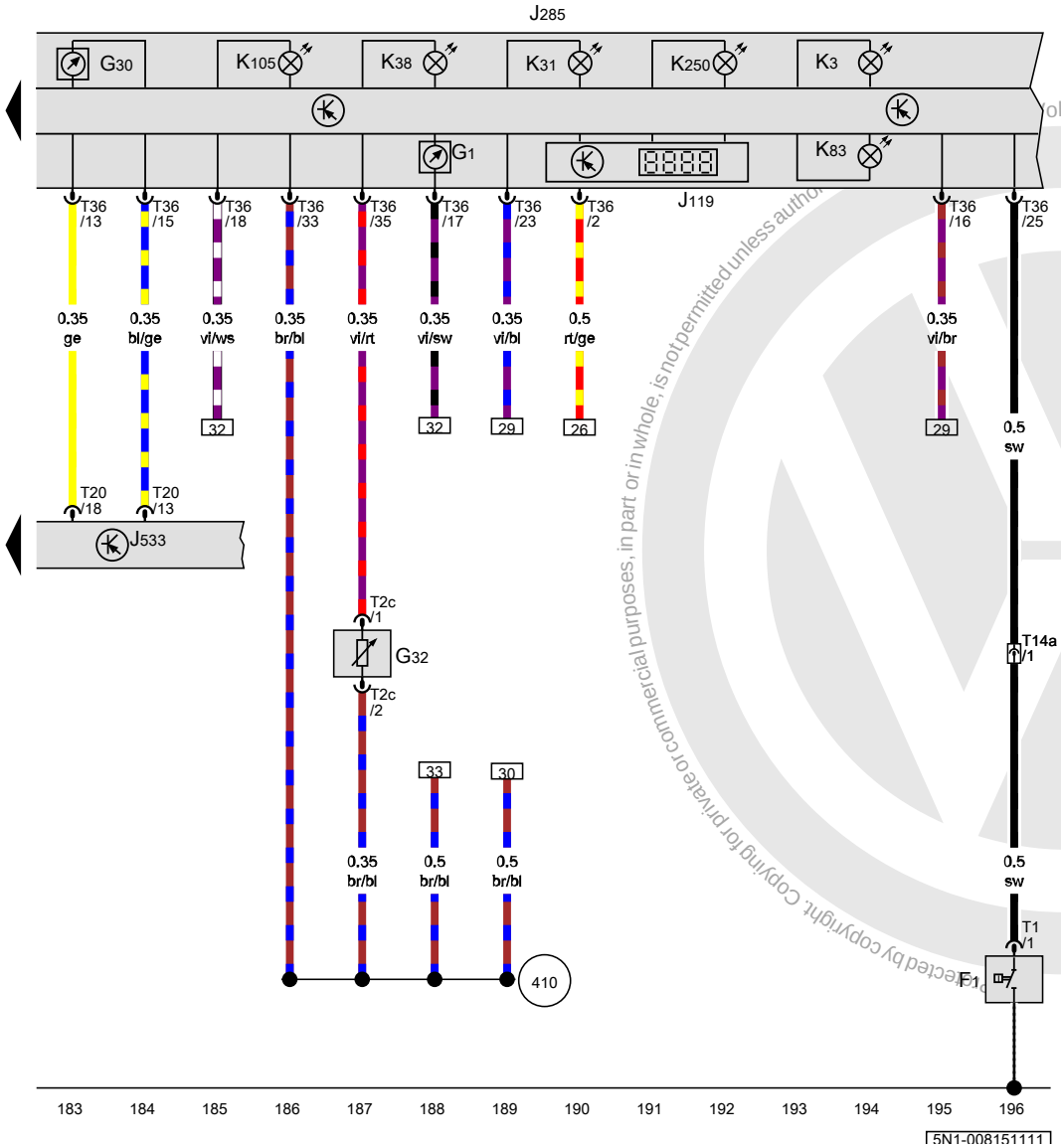


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

ABS control unit, Control unit in dash panel insert, Data bus diagnostic interface, Engine control unit

J104	ABS control unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine control unit
K132	Electronic power control fault lamp
T16	16-pin connector
T20	20-pin connector
T36	36-pin connector
T38a	38-pin connector
T94	94-pin connector
U31	Diagnostic connection
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

Oil pressure switch, Coolant shortage indicator sender, Control unit in dash panel insert, Data bus diagnostic interface



F1	Oil pressure switch
G1	Fuel gauge
G30	Charge air pressure gauge
G32	Coolant shortage indicator sender
J119	Multifunction indicator
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K3	Oil pressure warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K83	Exhaust emissions warning lamp
K105	Reserve fuel warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T2c	2-pin connector
T14a	14-pin connector
T20	20-pin connector
T36	36-pin connector
410	Earth connection 1 (sender earth) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio navigation system RNS 510 (Japan)

⇒ **Connection for external audio sources**
⇒ **CD changer**
⇒ **Toll card reader**
From May 2008

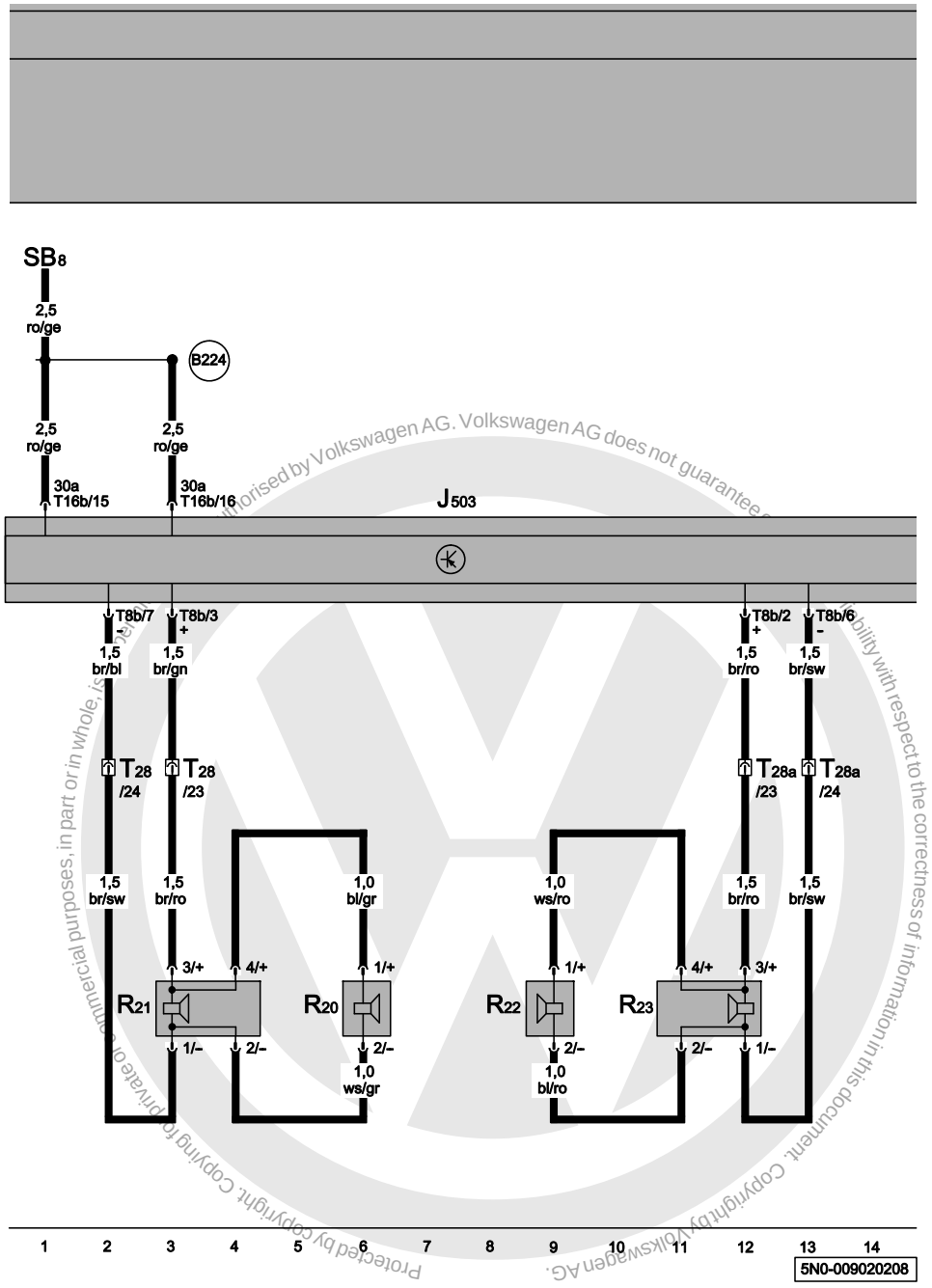
Notes:

For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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Front loudspeakers, fuse SB8, control unit with display for radio and navigation system

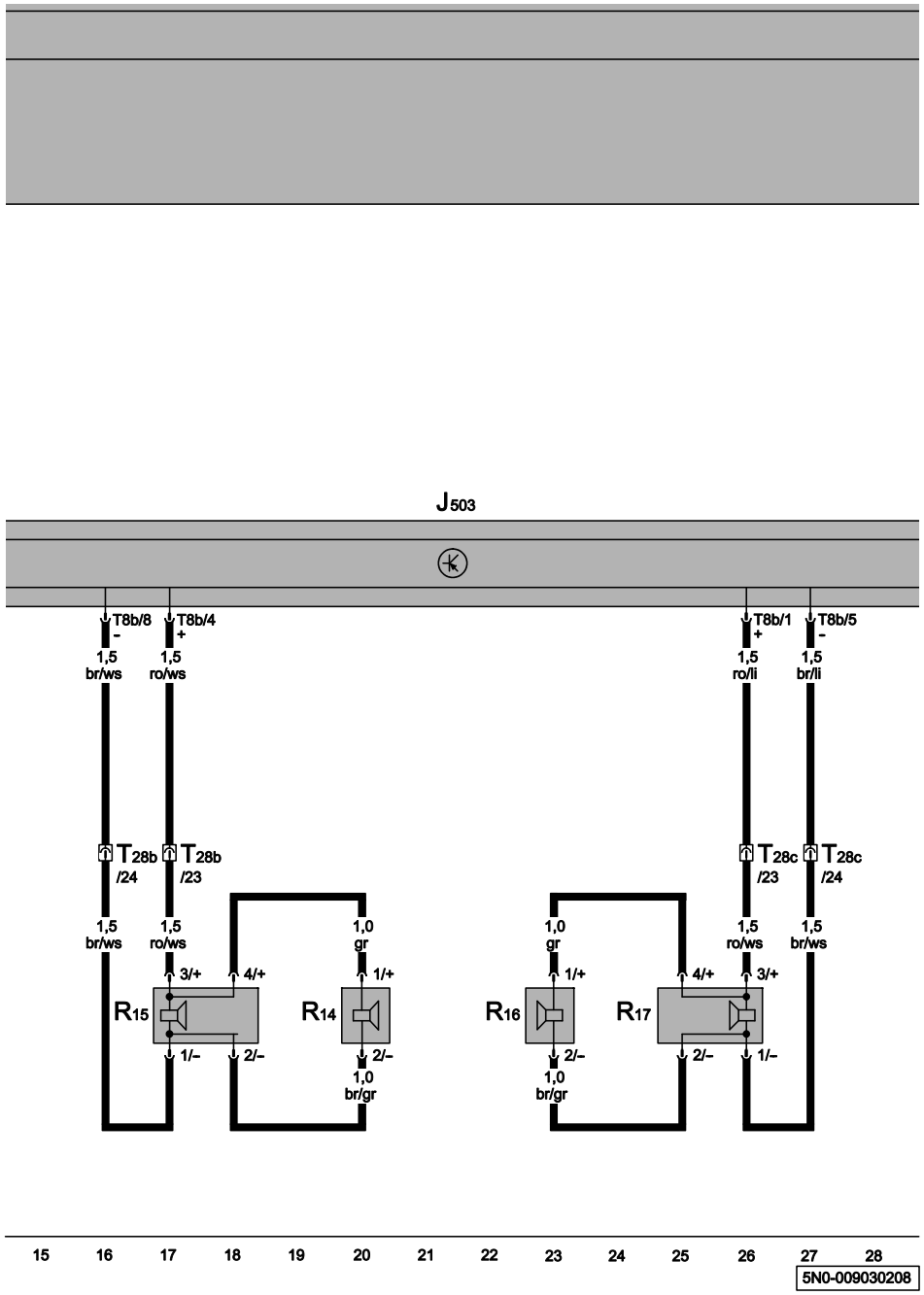
J503	Control unit with display for radio and navigation
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
SB8	Fuse 8 on fuse holder B
T8b	8-pin connector, brown
T16b	16-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
B224	Connection 1 (radio), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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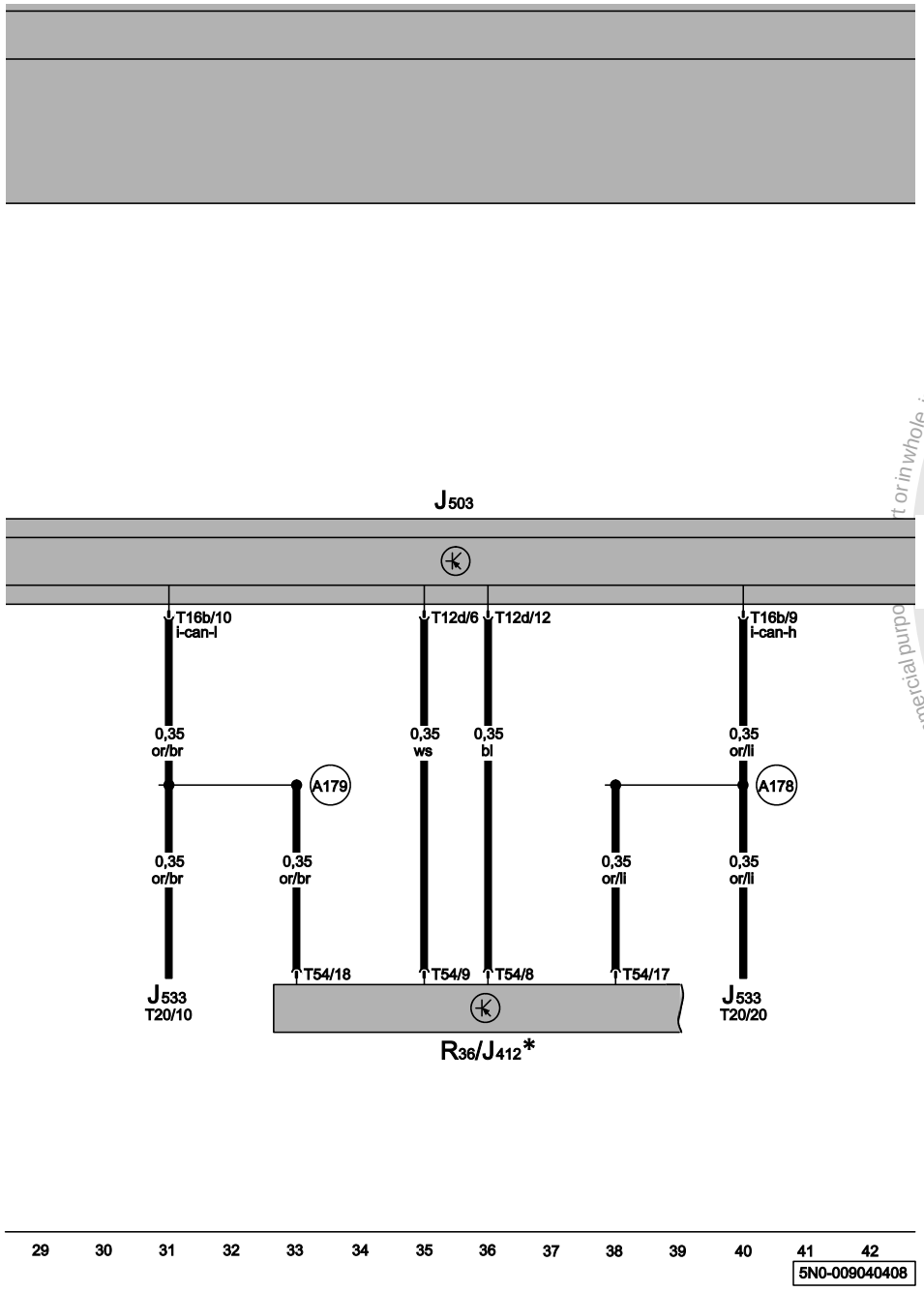
Rear loudspeakers, control unit with display for radio and navigation system

J503	Control unit with display for radio and navigation
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T8b	8-pin connector, brown
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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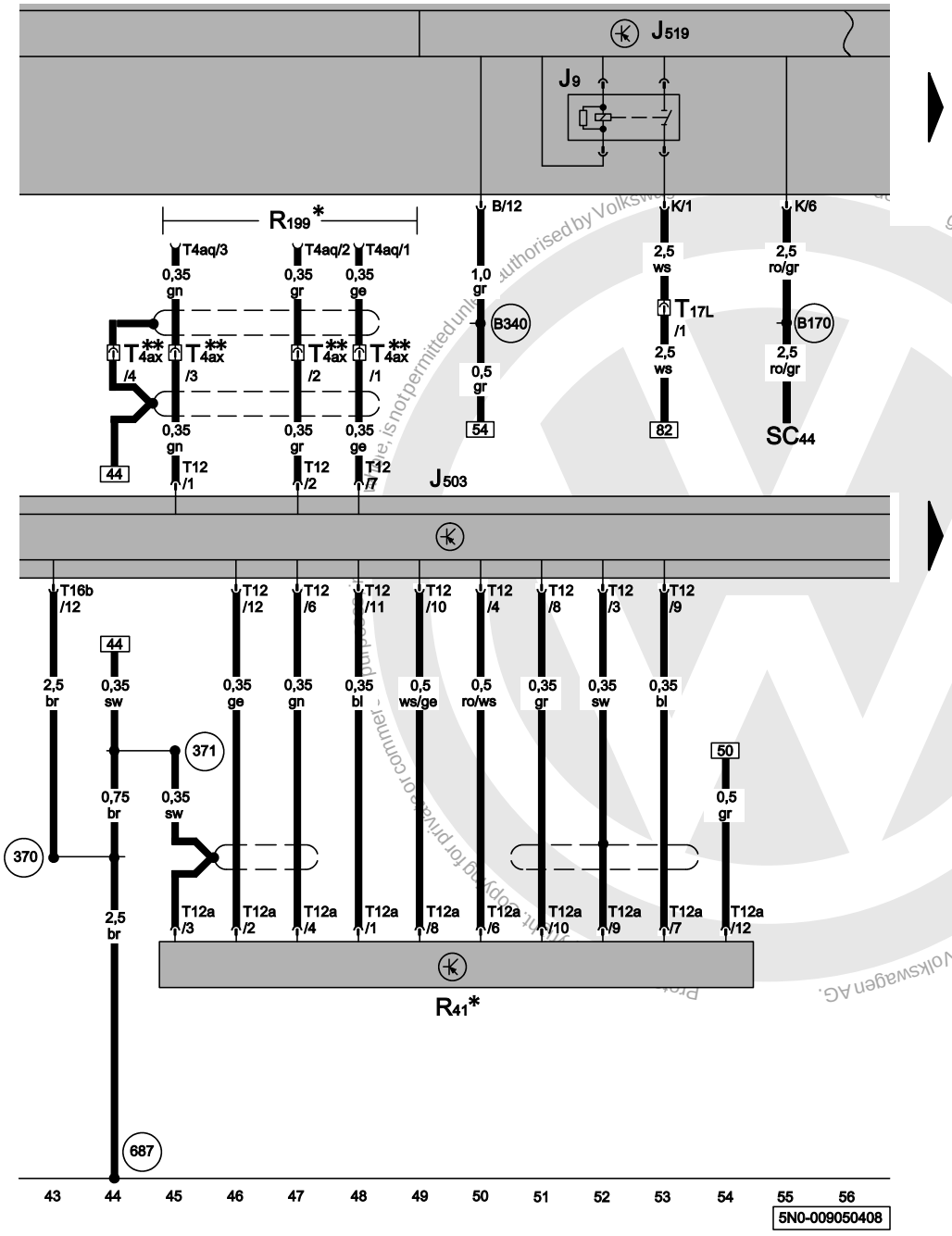


Mobile telephone operating electronics control unit, control unit with display for radio and navigation system

J412	Control unit for mobile telephone operating electronics
J503	Control unit with display for radio and navigation
J533	Data bus diagnosis interface
R36	Telephone transmitter and receiver unit
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Depends on equipment

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rs	=	pink

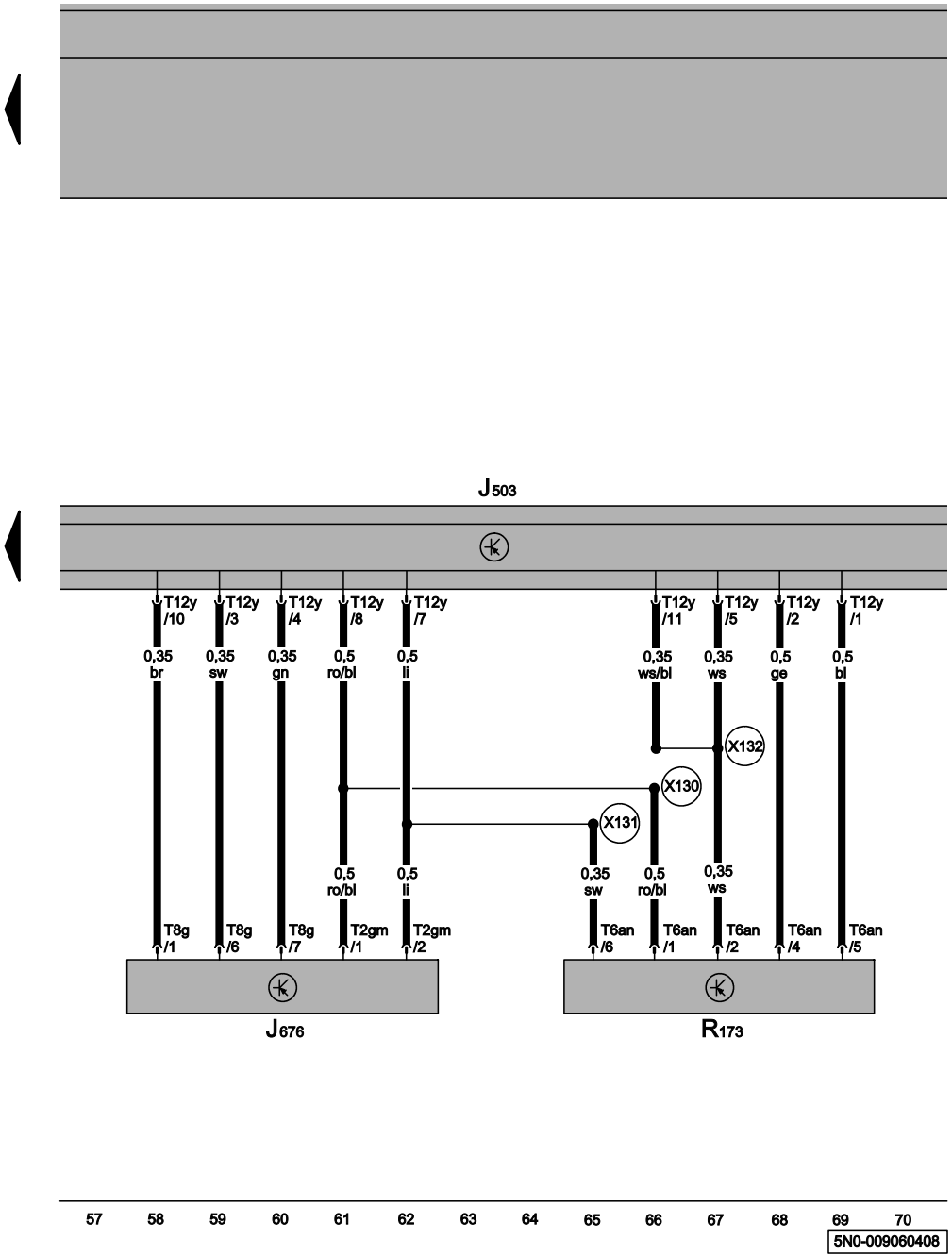


Connection for external audio sources, CD changer, control unit with display for radio and navigation system, heated rear window relay

J9	Heated rear window relay
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R41	CD changer
R199	Connection for external audio sources
SC44	Fuse 44 on fuse holder C
T4aq	4-pin connector, black
T4ax	4-pin connector, white
T12	12-pin connector, blue
T12a	12-pin connector, black
T16b	16-pin connector, black
T17L	17-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B170	Positive connection 2 (30), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Depends on equipment
**	Only models with centre armrest

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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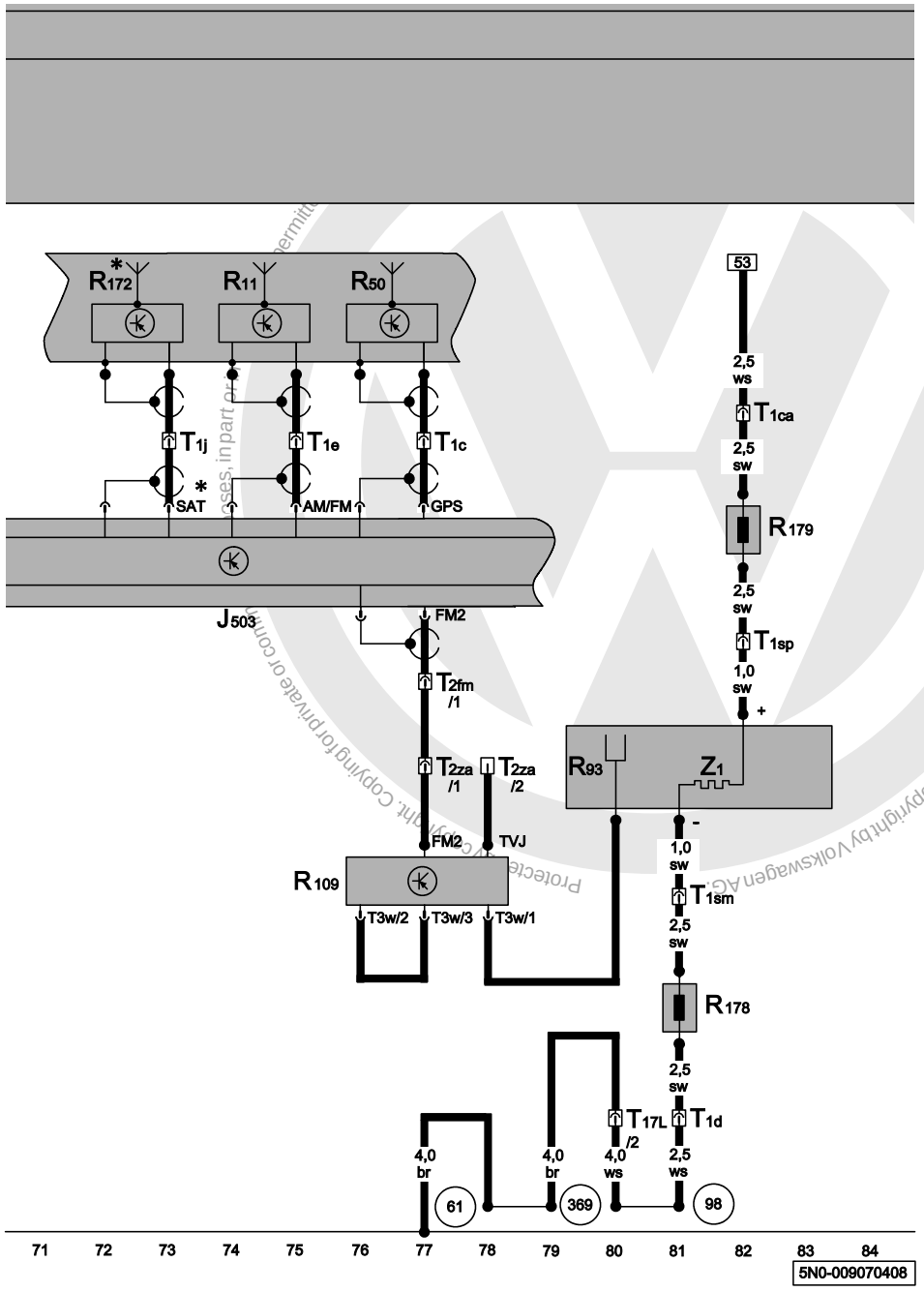


Control unit with display for radio and navigation, chip card reader control unit, traffic data aerial

J503	Control unit with display for radio and navigation
J676	Chip card reader control unit
R173	Traffic data aerial
T2gm	2-pin connector
T6an	6-pin connector
T8g	8-pin connector
T12y	12-pin connector
X130	Connection 3, in optional equipment wiring harness
X131	Connection 4, in optional equipment wiring harness
X132	Connection 5, in optional equipment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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ro = red
br = brown
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gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Aerial module, heated rear window, frequency filter for frequency modulation (FM), control unit with display for radio and navigation system

J503	Control unit with display for radio and navigation
R11	Aerial
R50	Navigation system aerial
R93	Radio aerial 2
R109	Right aerial module (impedance converter)
R172	Satellite tuner aerial
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T1c	Single connector, blue
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1j	Single connector, green
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T17L	17-pin connector, black
Z1	Heated rear window
61	Earth point, on left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
*	Depends on equipment

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Radio - RCD 510 (Japan)

⇒ **Connection for external audio sources**
⇒ **CD changer**
From May 2008

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

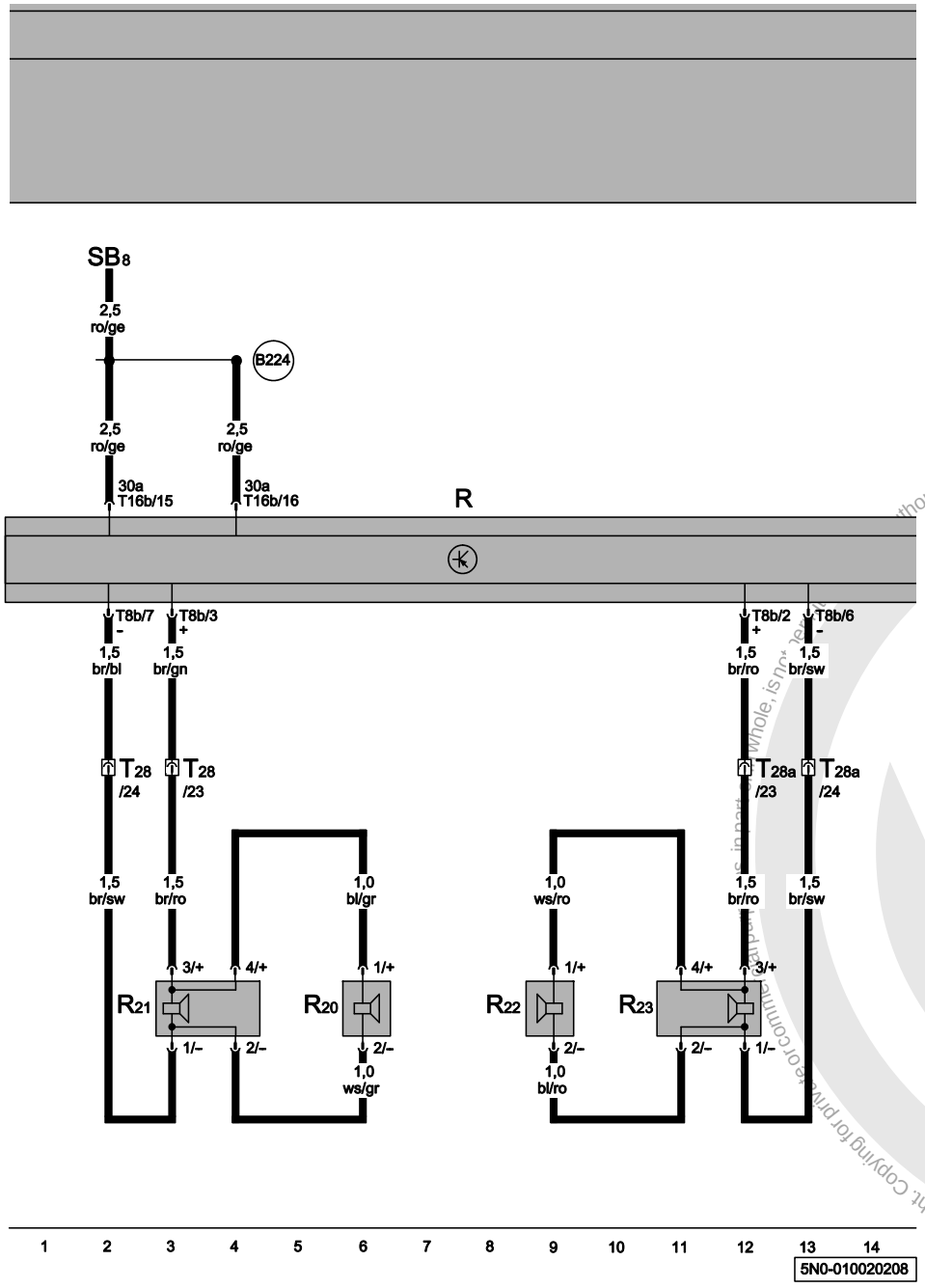
⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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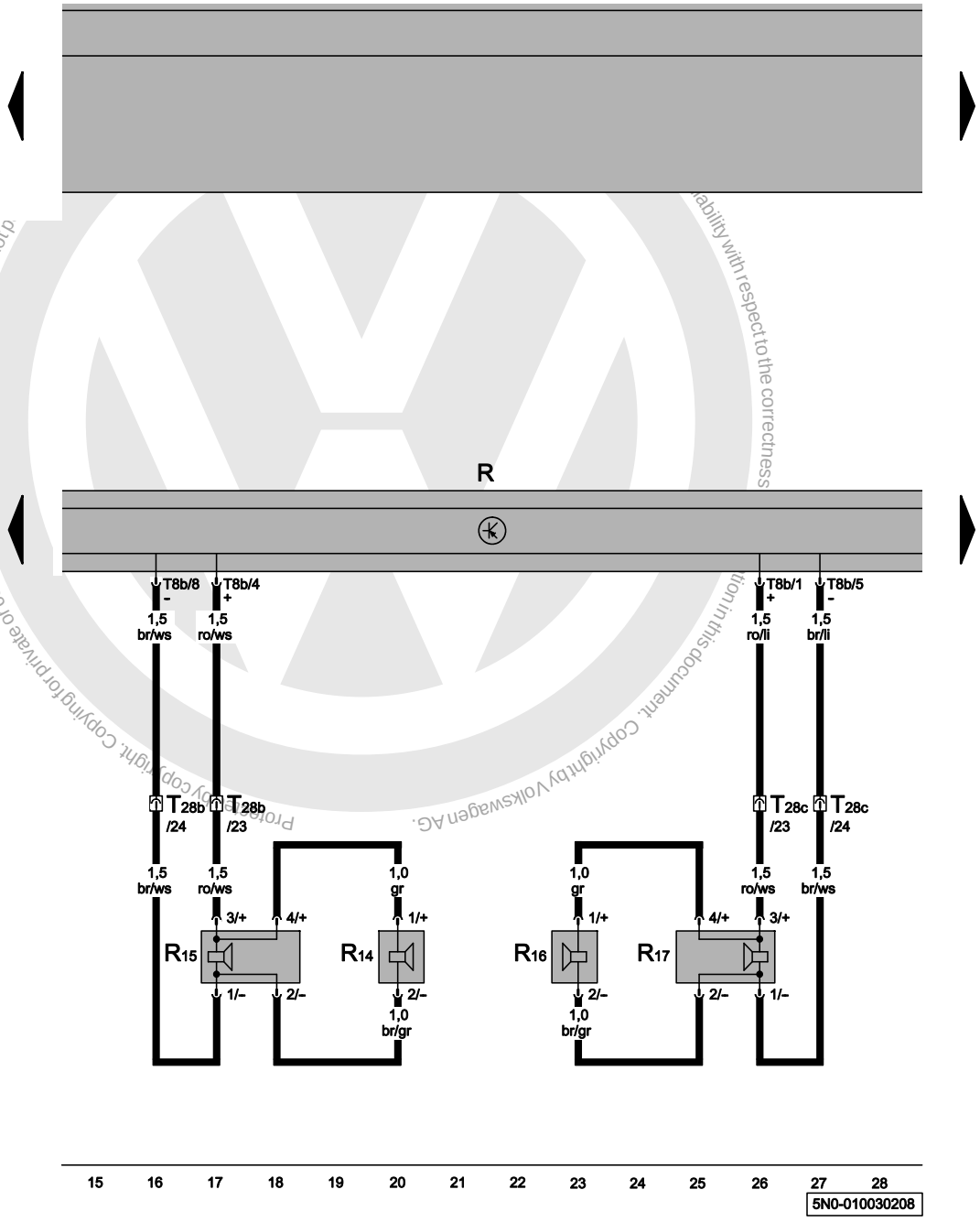
Front loudspeakers, fuse SB8, control unit with display for radio and navigation system

J503	Control unit with display for radio and navigation
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
SB8	Fuse 8 on fuse holder B
T8b	8-pin connector, brown
T16b	16-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
B224	Connection 1 (radio), in interior wiring harness



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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Rear loudspeakers, control unit with display for radio and navigation system

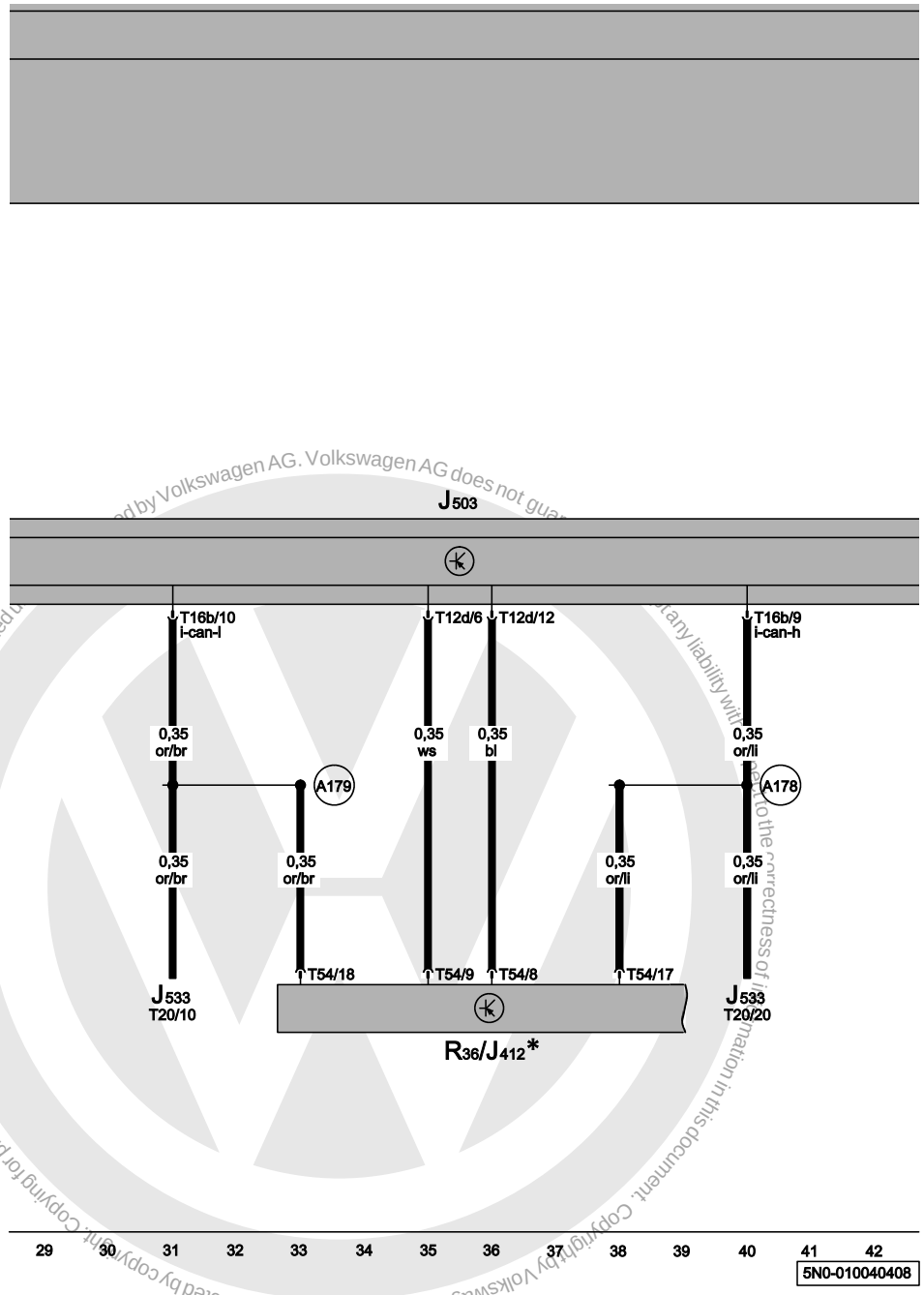
J503	Control unit with display for radio and navigation
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T8b	8-pin connector, brown
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim

ws	=	white
sw	=	black
ro	=	red
br	=	brown
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gr	=	grey
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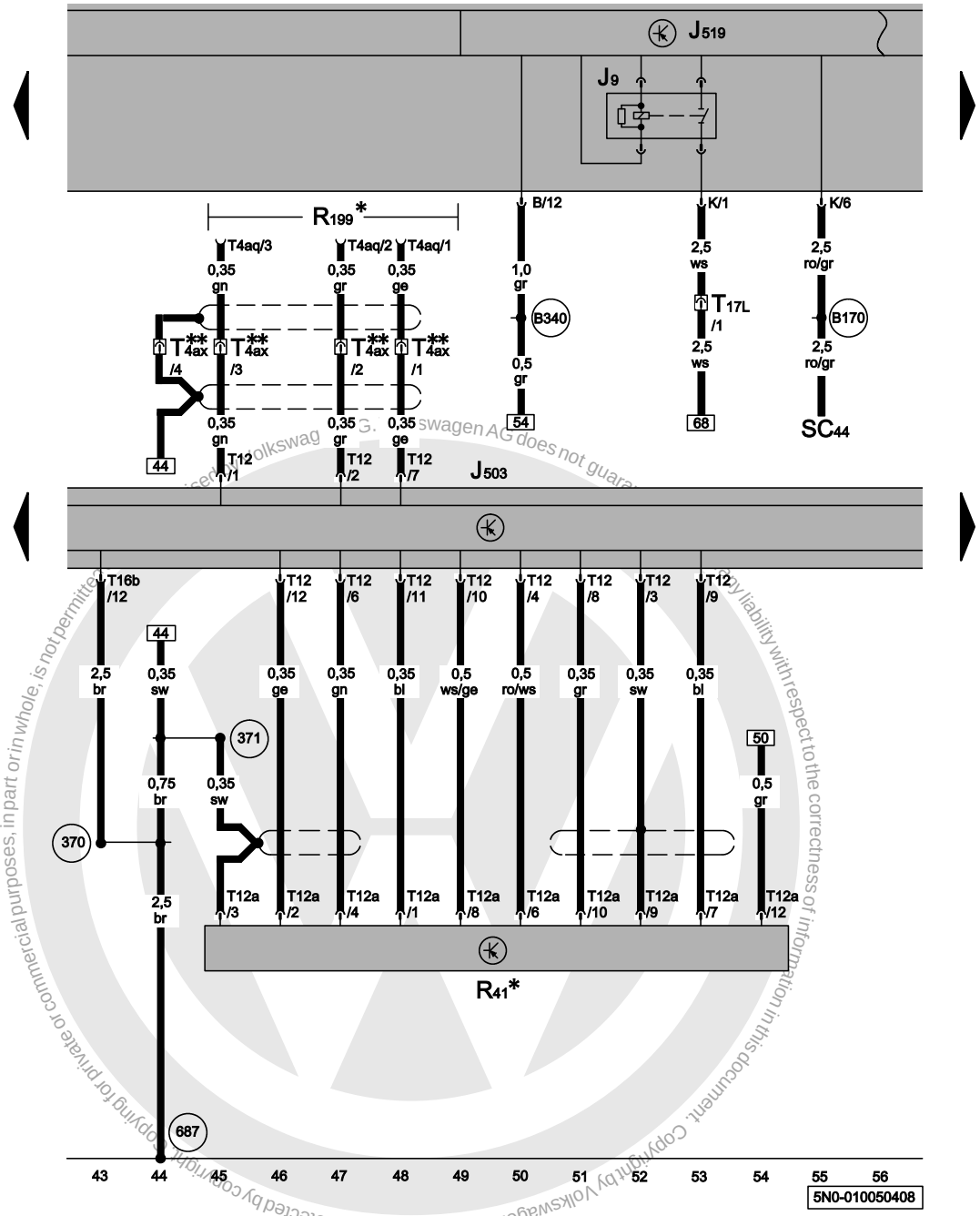
Mobile telephone operating electronics control unit, control unit with display for radio and navigation system

J412	Control unit for mobile telephone operating electronics
J503	Control unit with display for radio and navigation
J533	Data bus diagnosis interface
R36	Telephone transmitter and receiver unit
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Depends on equipment



ws = white
sw = black
ro = red
br = brown
gn = green
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Connection for external audio sources, CD changer, control unit with display for radio and navigation system, heated rear window relay

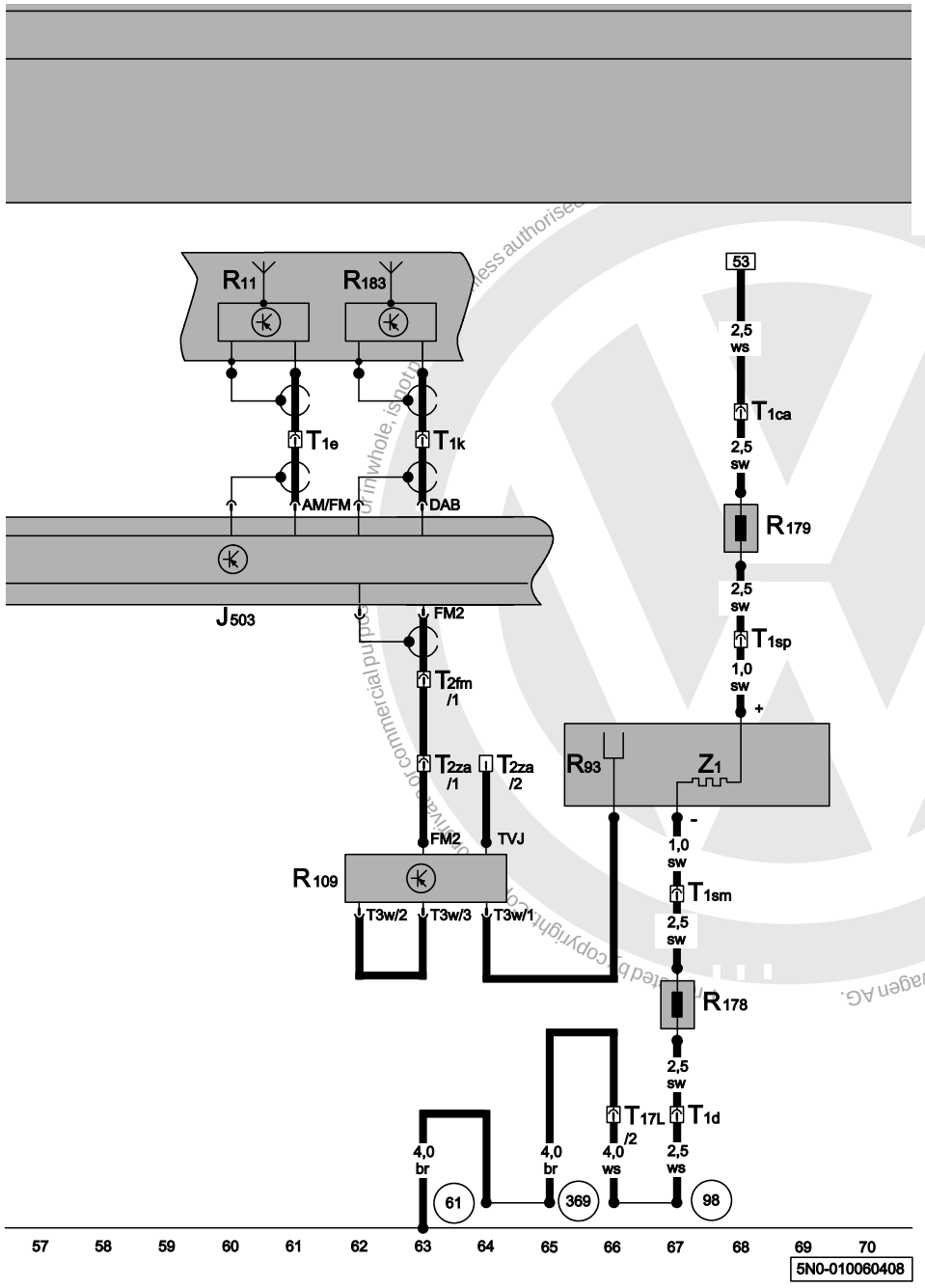
J9	Heated rear window relay
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R41	CD changer
R199	Connection for external audio sources
SC44	Fuse 44 on fuse holder C
T4aq	4-pin connector, black
T4ax	4-pin connector, white
T12	12-pin connector, blue
T12a	12-pin connector, black
T16b	16-pin connector, black
T17L	17-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B170	Positive connection 2 (30), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Depends on equipment
**	Only models with centre armrest

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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Aerial module, heated rear window, frequency filter for frequency modulation (FM), control unit with display for radio and navigation system

J503	Control unit with display for radio and navigation
R11	Aerial
R93	Radio aerial 2
R109	Right aerial module (impedance converter)
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
R183	Digital radio aerial
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1k	Single connector, black
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T17L	17-pin connector, black
Z1	Heated rear window
61	Earth point, on left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Radio - RCD 300 (Japan)

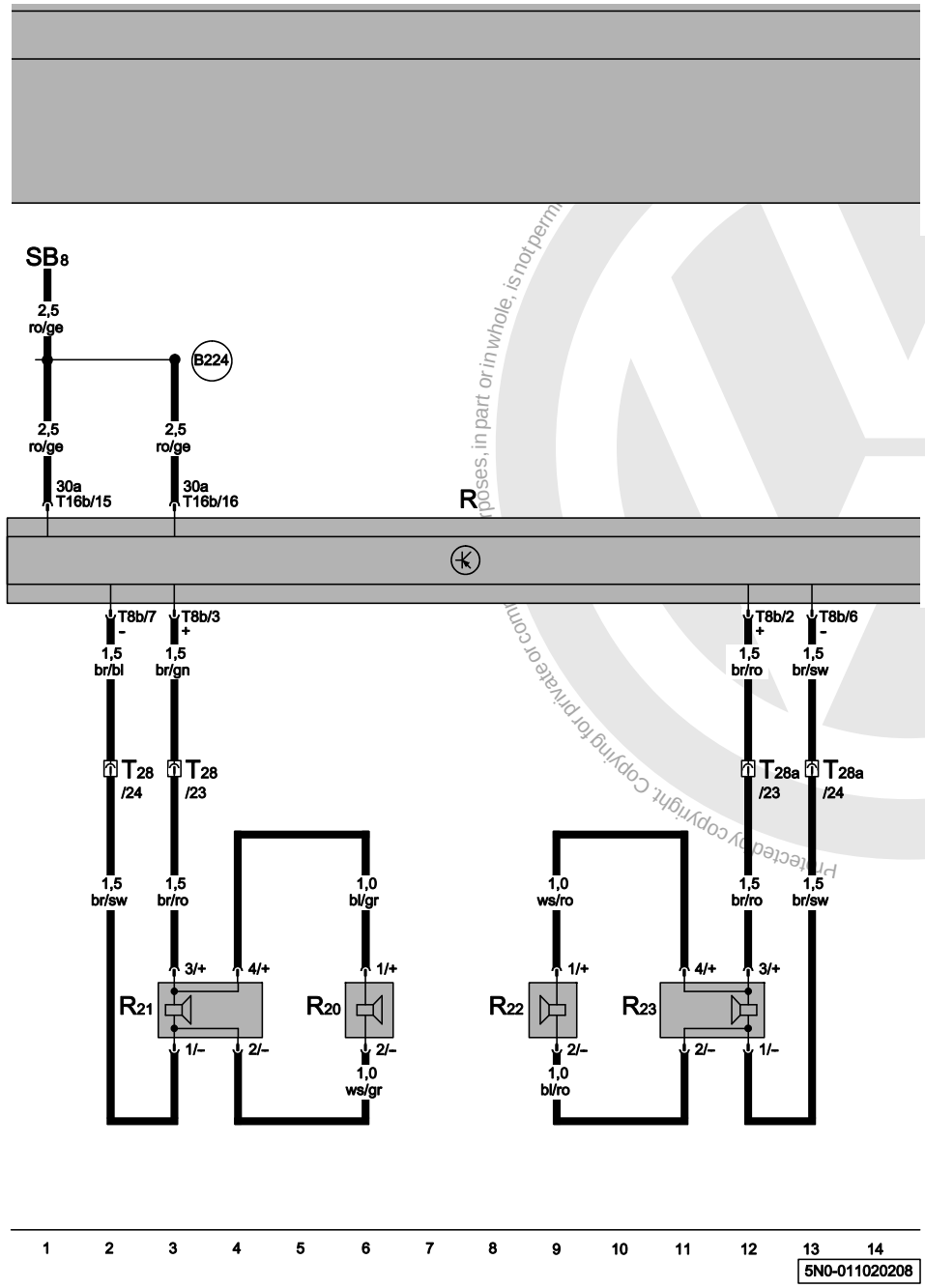
⇒ **Connection for external audio sources**
⇒ **CD changer**
From May 2008

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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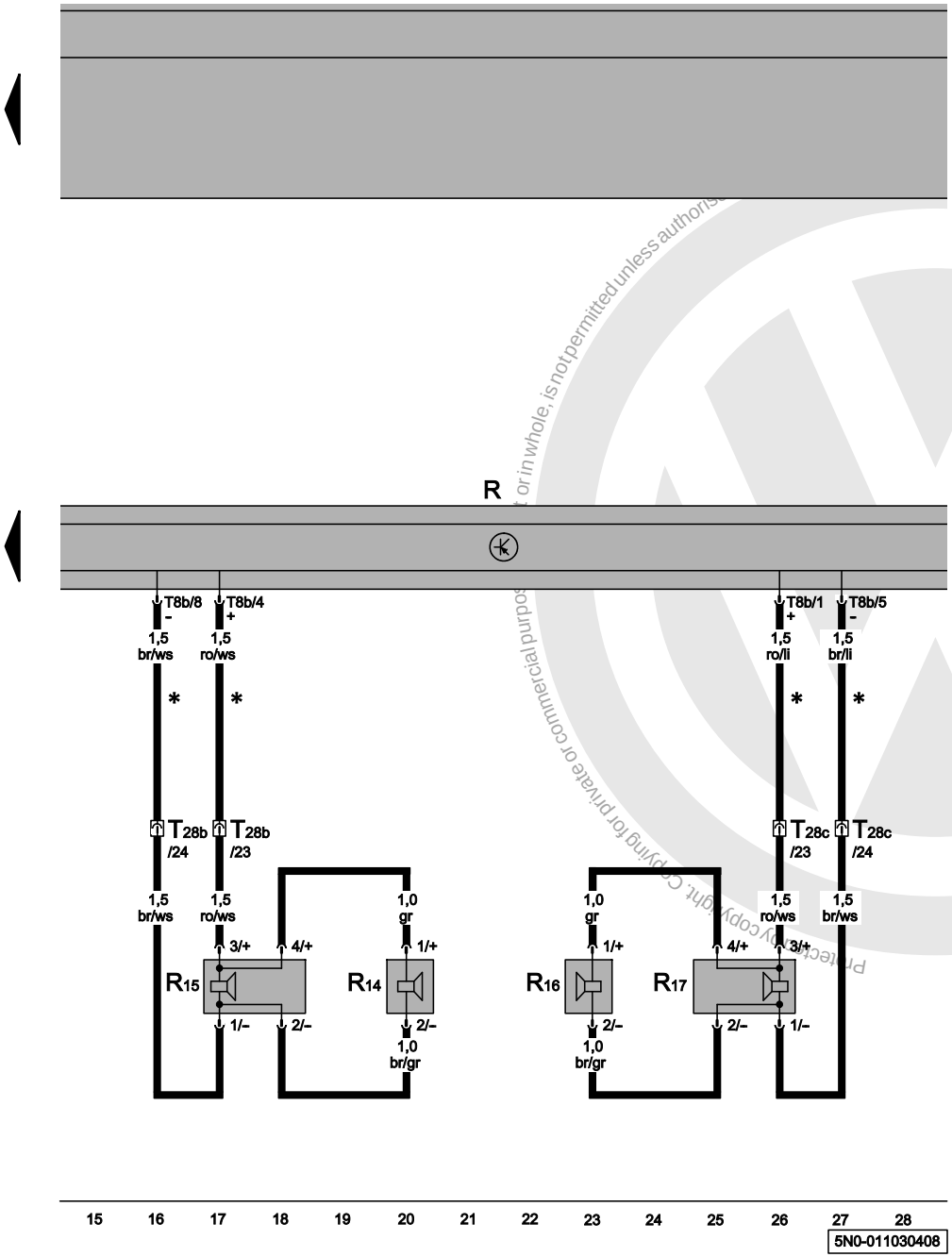


Front loudspeakers, radio

R	Radio
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
SB8	Fuse 8 on fuse holder B
T8b	8-pin connector, brown
T16b	16-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
B224	Connection 1 (radio), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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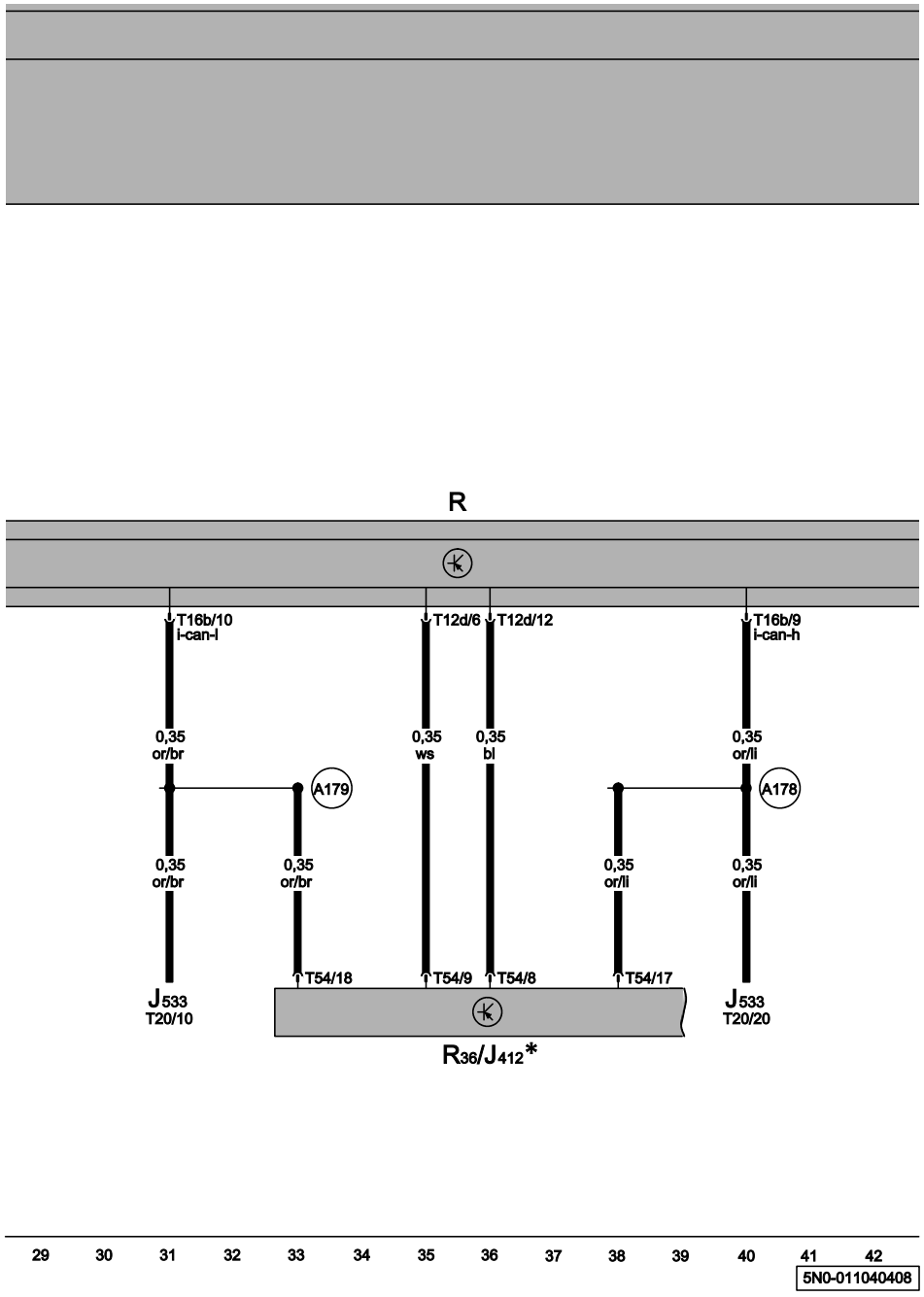


Rear loudspeakers, radio

R	Radio
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T8b	8-pin connector, brown
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim
*	Only models with rear loudspeaker

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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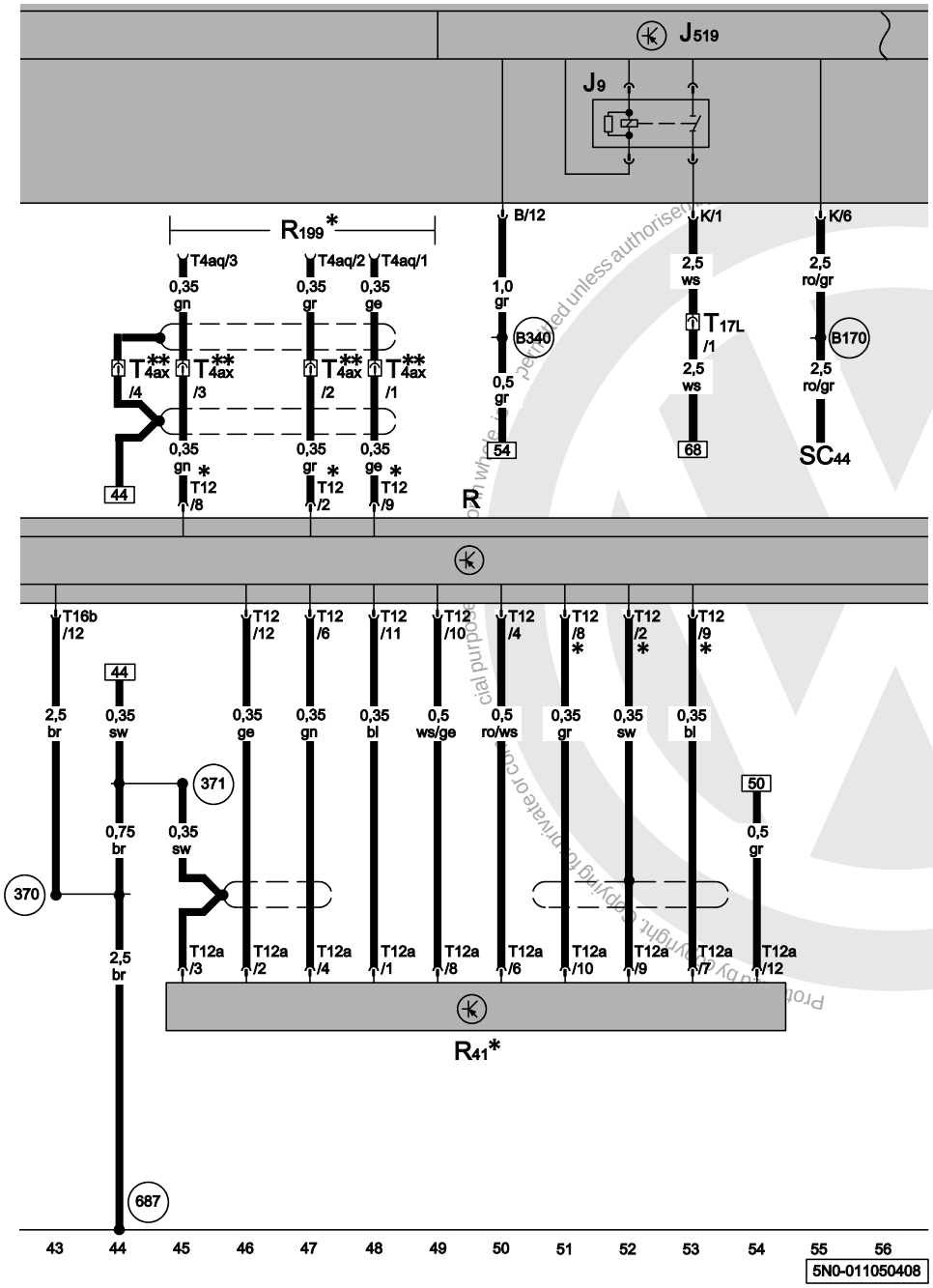


Radio, telephone transmitter and receiver unit, control unit for mobile telephone operating electronics

J412	Control unit for mobile telephone operating electronics
J533	Data bus diagnosis interface
R	Radio
R36	Telephone transmitter and receiver unit
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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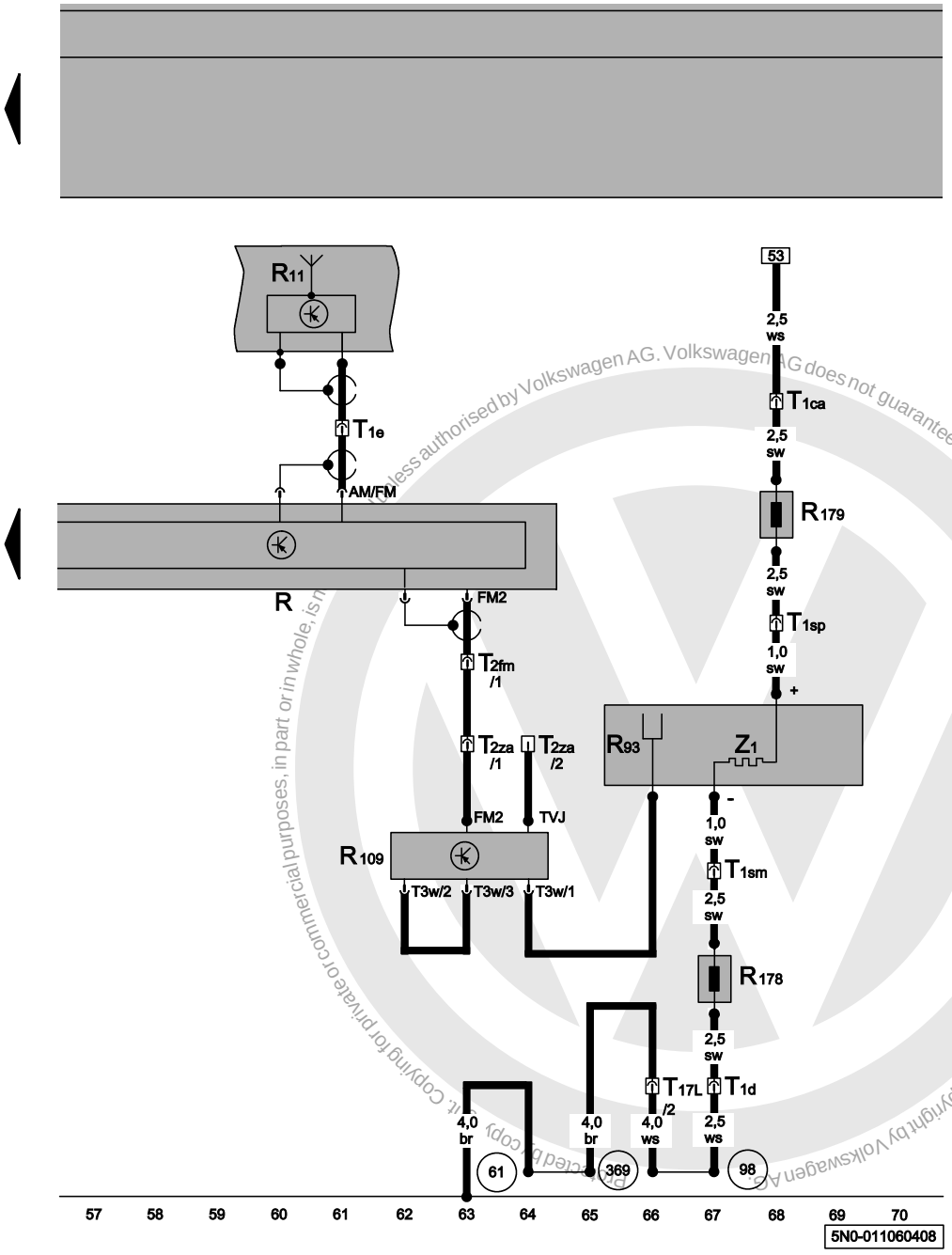


Connection for external audio sources, CD changer, radio, heated rear window relay

J9	Heated rear window relay
J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
SC44	Fuse 44 on fuse holder C
T4aq	4-pin connector, black
T4ax	4-pin connector, white
T12	12-pin connector, blue
T12a	12-pin connector, black
T16b	16-pin connector, black
T17L	17-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B170	Positive connection 2 (30), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Depends on equipment
**	Only models with centre armrest

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Aerial module, heated rear window, frequency filter for frequency modulation (FM), radio

R	Radio
R11	Aerial
R93	Radio aerial 2
R109	Right aerial module (impedance converter)
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T17L	17-pin connector
Z1	Heated rear window
61	Earth point, on left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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Radio - RCD 310 (Japan)

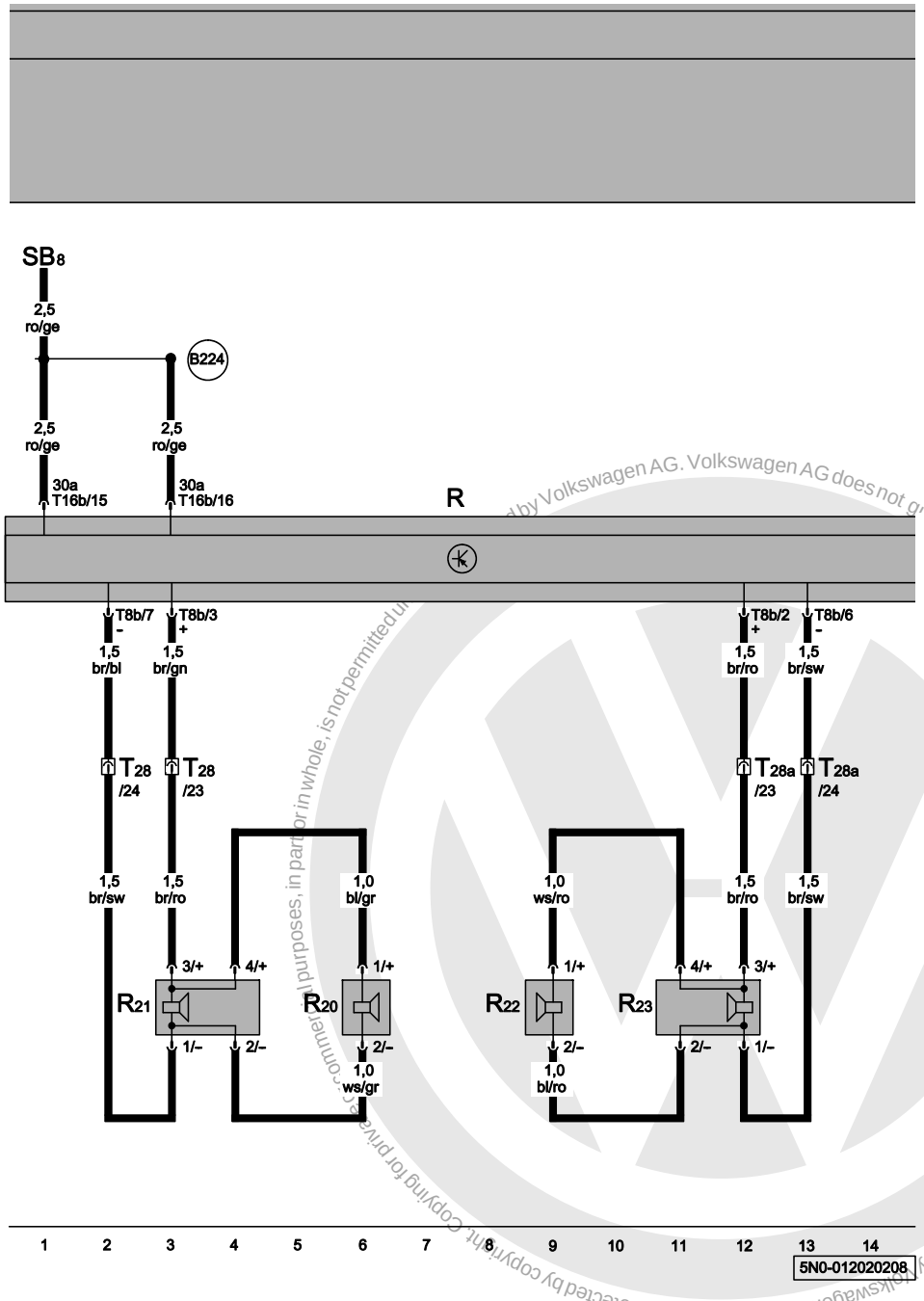
⇒ **Connection for external audio sources**
⇒ **CD changer**
From May 2008

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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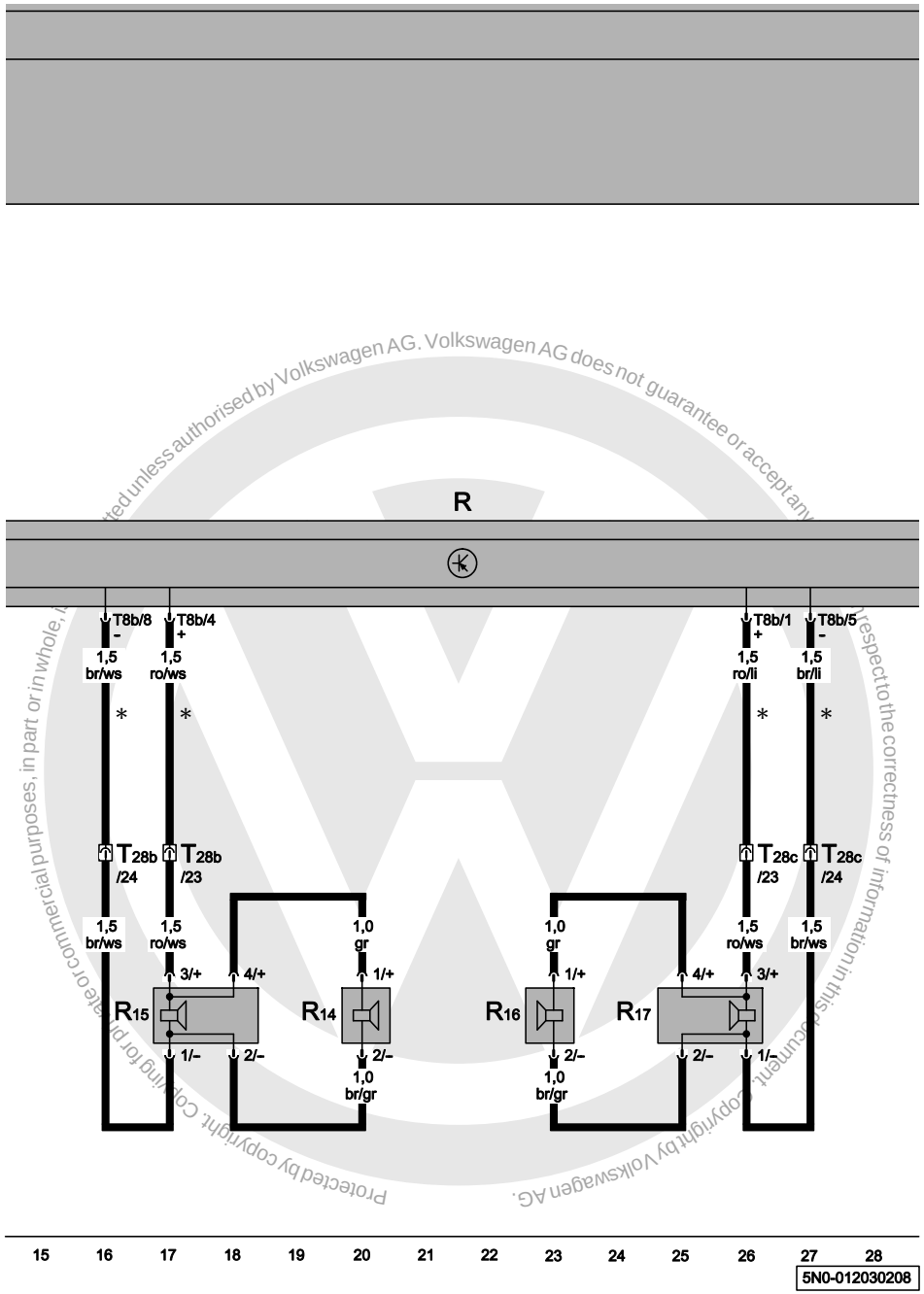


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Front loudspeakers, radio

R	Radio
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
SB8	Fuse 8 on fuse holder B
T8b	8-pin connector, brown
T16b	16-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
B224	Connection 1 (radio), in interior wiring harness

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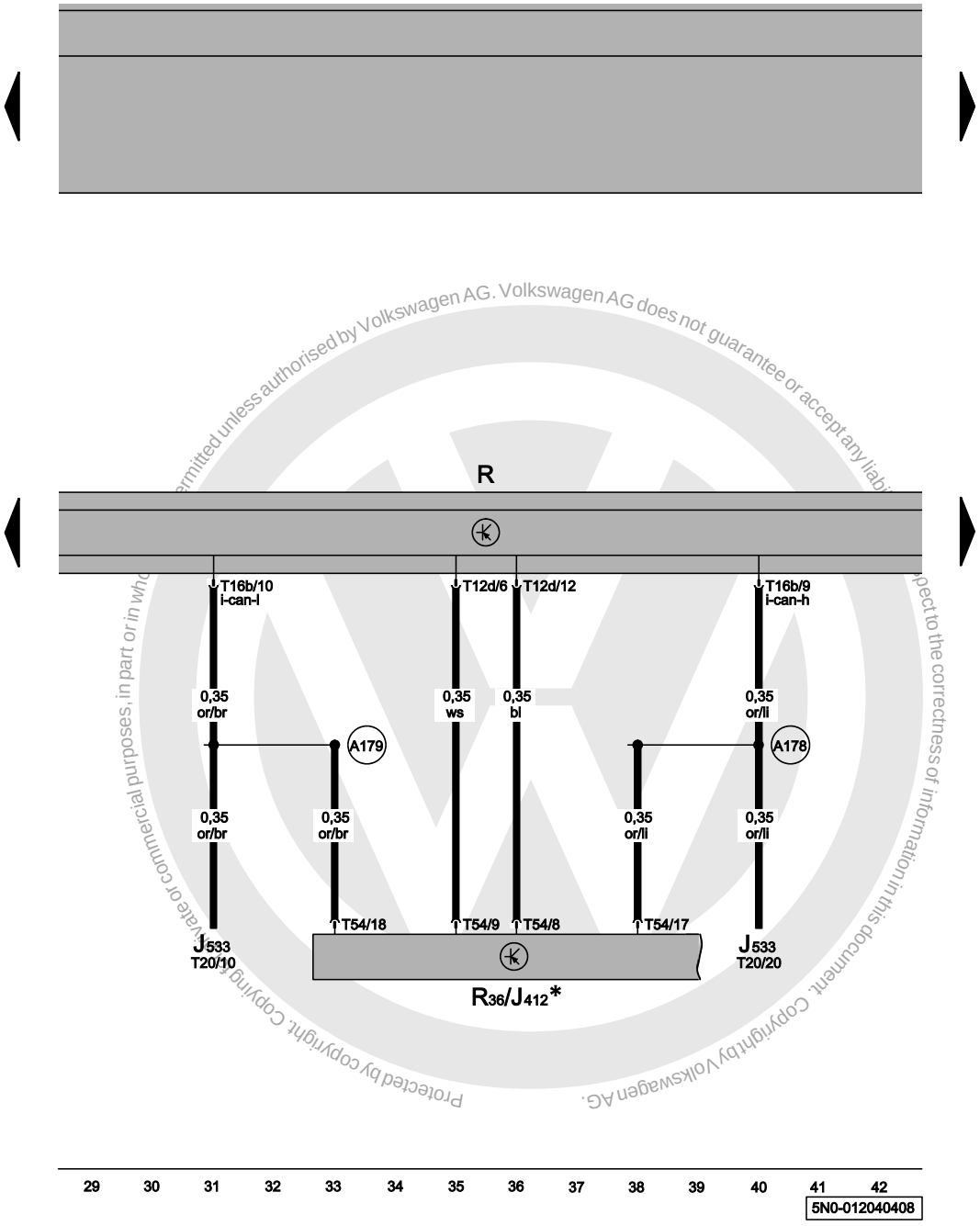


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Rear loudspeakers, radio

R	Radio
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T8b	8-pin connector, brown
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim
*	Only models with rear loudspeaker

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

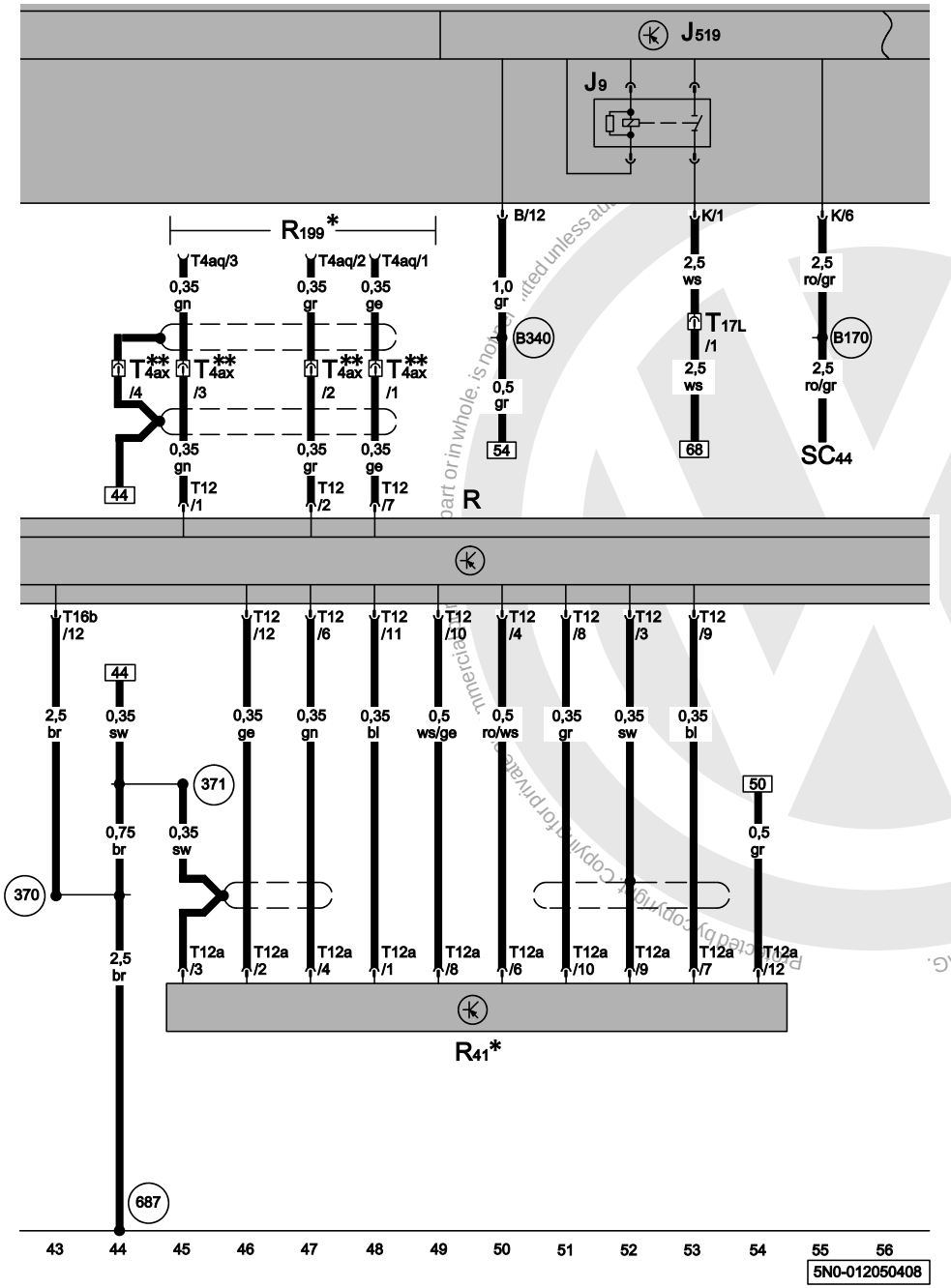


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Radio, telephone transmitter and receiver unit, control unit for mobile telephone operating electronics

J412	Control unit for mobile telephone operating electronics
J533	Data bus diagnosis interface
R	Radio
R36	Telephone transmitter and receiver unit
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

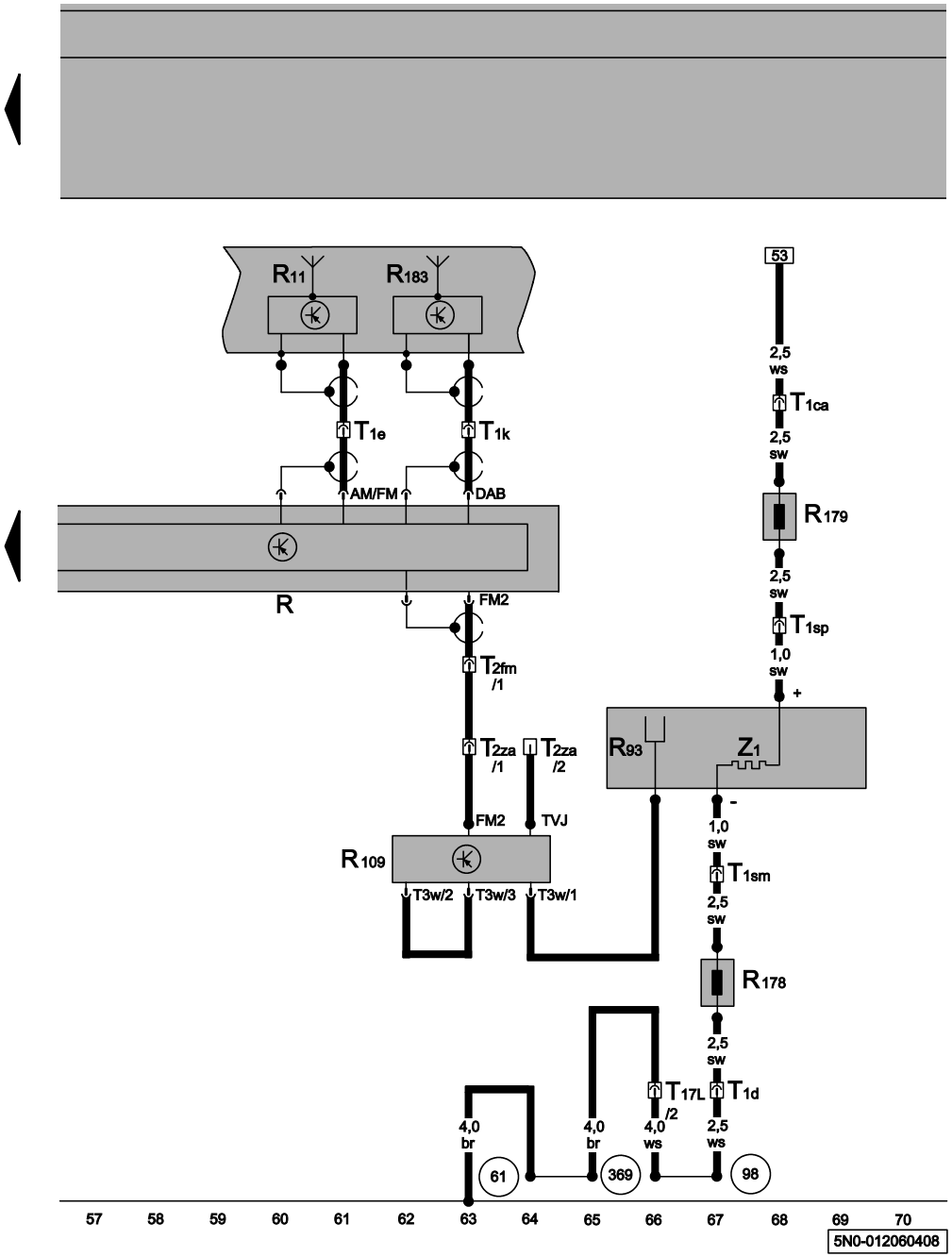


Connection for external audio sources, CD changer, radio, heated rear window relay

J9	Heated rear window relay
J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
SC44	Fuse 44 on fuse holder C
T4aq	4-pin connector, black
T4ax	4-pin connector, white
T12	12-pin connector, blue
T12a	12-pin connector, black
T16b	16-pin connector, black
T17L	17-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B170	Positive connection 2 (30), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Depends on equipment
**	Only models with centre armrest

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
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Aerial module, heated rear window, frequency filter for frequency modulation (FM), radio

R	Radio
R11	Aerial
R93	Radio aerial 2
R109	Right aerial module (impedance converter)
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
R183	Digital radio aerial
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1k	Single connector, black
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T17L	17-pin connector
Z1	Heated rear window
61	Earth point, on left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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Anti-lock braking system (ABS), traction control system (TCS), electronic differential lock (EDL), electronic stabilisation program (ESP)

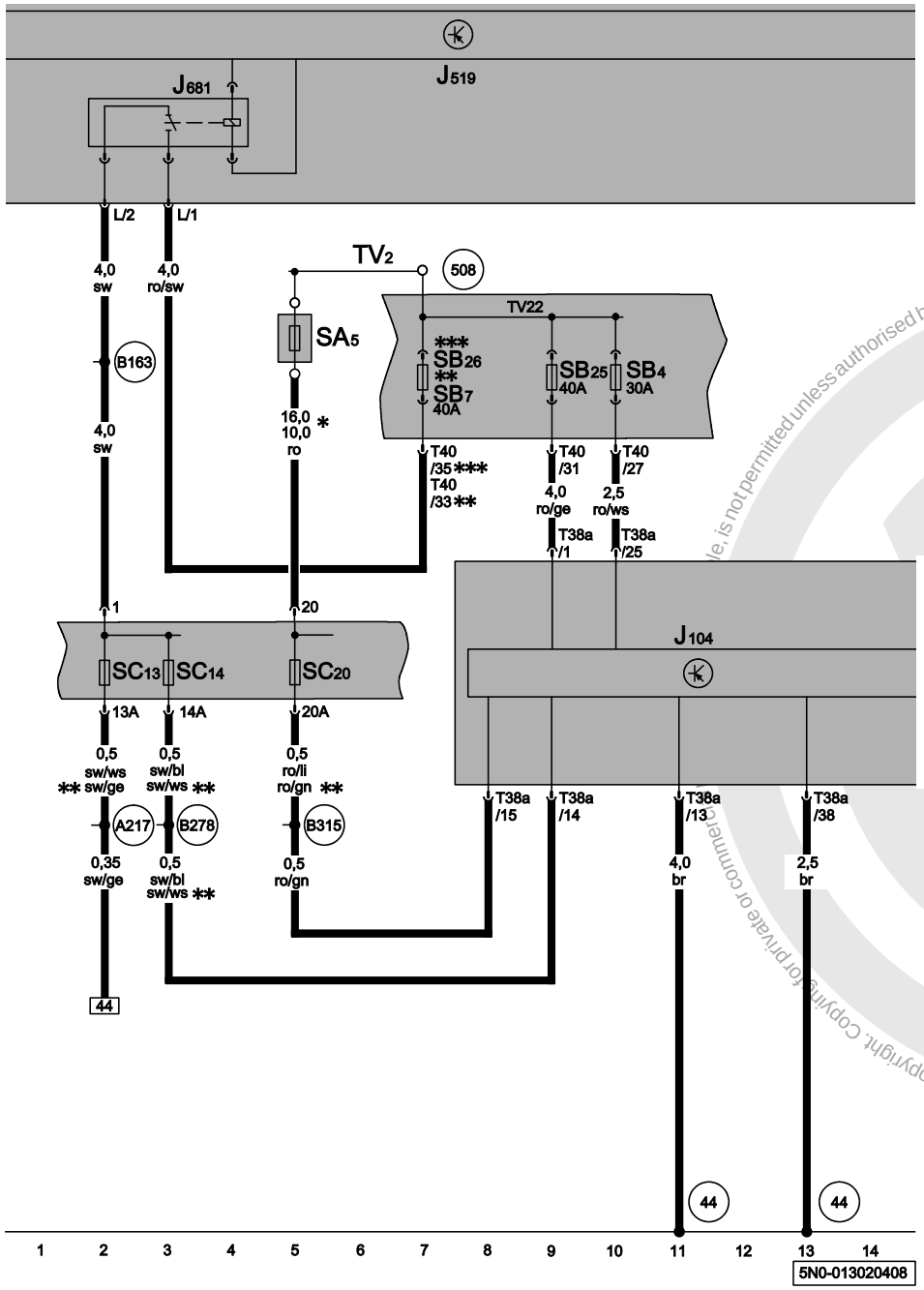
⇒ **Hill start assist**
⇒ **Hydraulic brake servo (HBS)**
⇒ **Tyre pressure monitor display**
⇒ **Brake pad wear indicator**
from November 2007

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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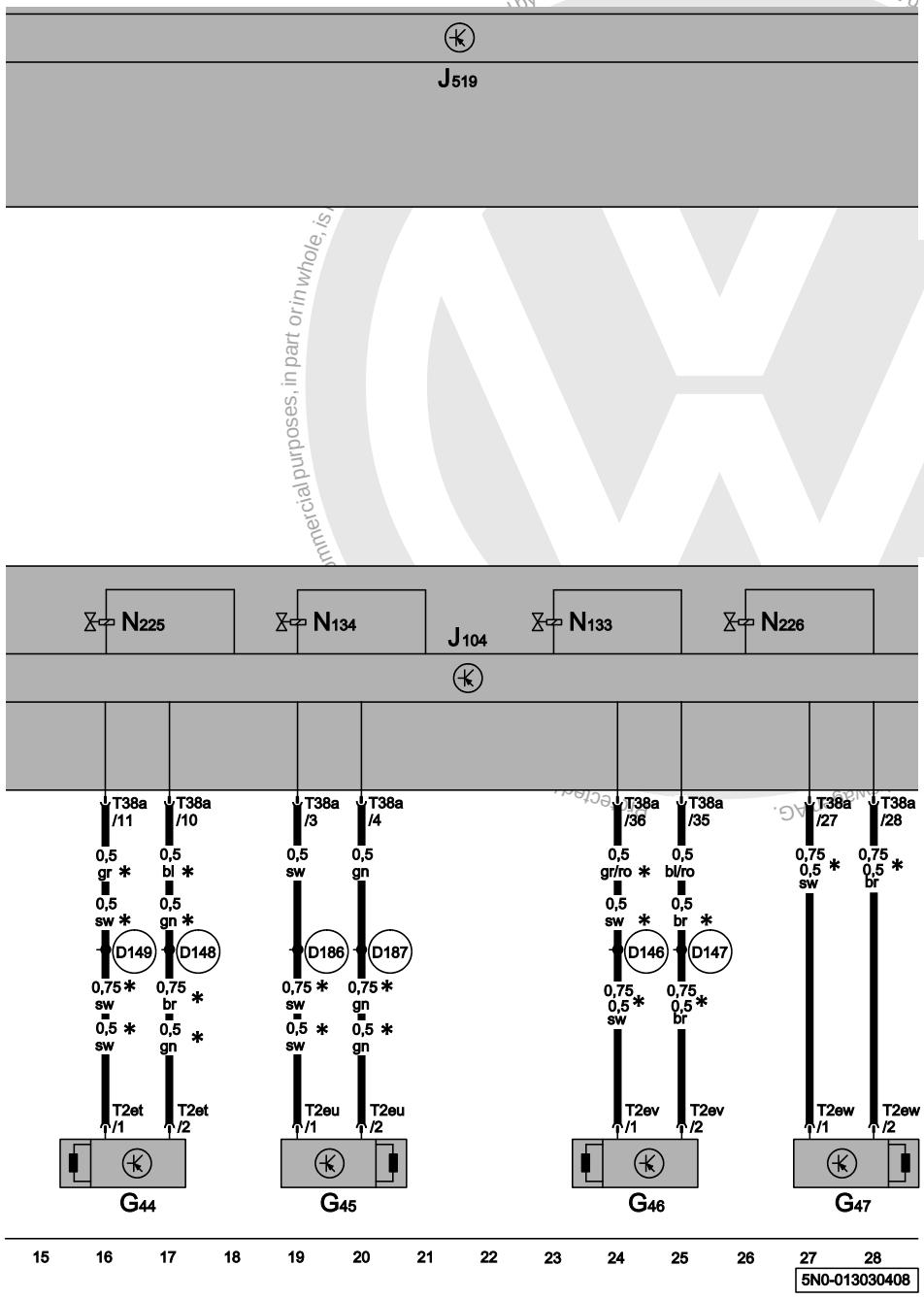


Terminal 15 voltage supply relay 2, fuses, ABS control unit

J104	ABS control unit
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
SA5	Fuse 5 on fuse holder A
SB4	Fuse 4 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
T38a	38-pin connector, black
T40	40-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
44	Earth point, lower part of left A-pillar
508	Screw connection (30) on E-box
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Connection 2 (15a), in main wiring harness
B315	Connection 1 (30a), in main wiring harness
*	Depends on equipment
**	Gradual introduction in model year 2008
***	Up to May 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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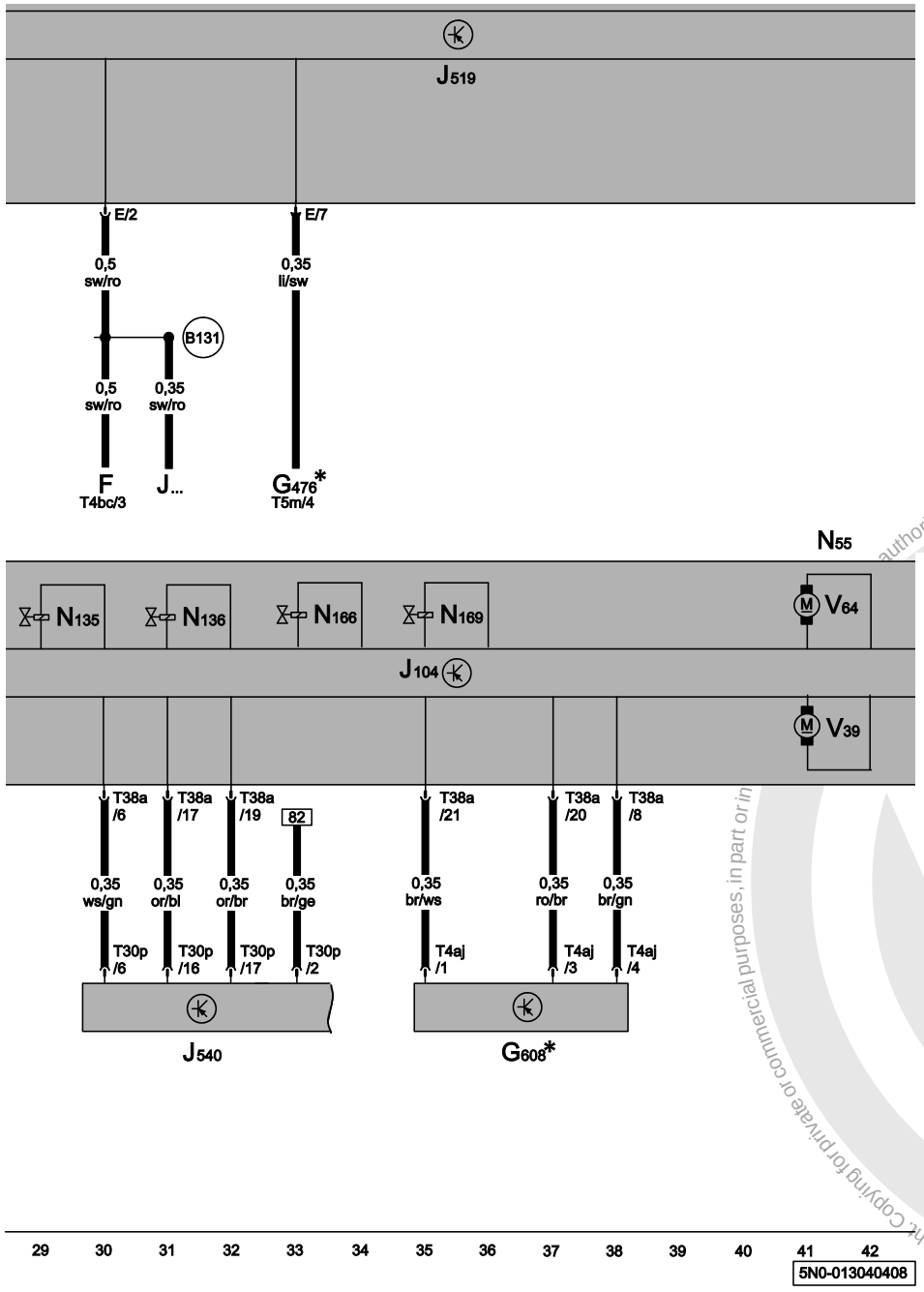


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

ABS control unit, speed sensor

G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS control unit
J519	Onboard supply control unit
N133	Rear right ABS inlet valve
N134	Rear left ABS inlet valve
N225	Vehicle stabilization program switch valve 1
N226	Vehicle stabilization program switch valve 2
T2et	2-pin connector, black
T2eu	2-pin connector, black
T2ev	2-pin connector, black
T2ew	2-pin connector, black
T38a	38-pin connector, black
D146	Connection (rear left speed sensor +), in engine compartment wiring harness
D147	Connection (rear left speed sensor -), in engine compartment wiring harness
D148	Connection (rear right speed sensor +), in engine compartment wiring harness
D149	Connection (rear right speed sensor -), in engine compartment wiring harness
D186	Connection (front right speed sensor +), in engine compartment wiring harness
D187	Connection (front right speed sensor -), in engine compartment wiring harness
*	Depends on equipment

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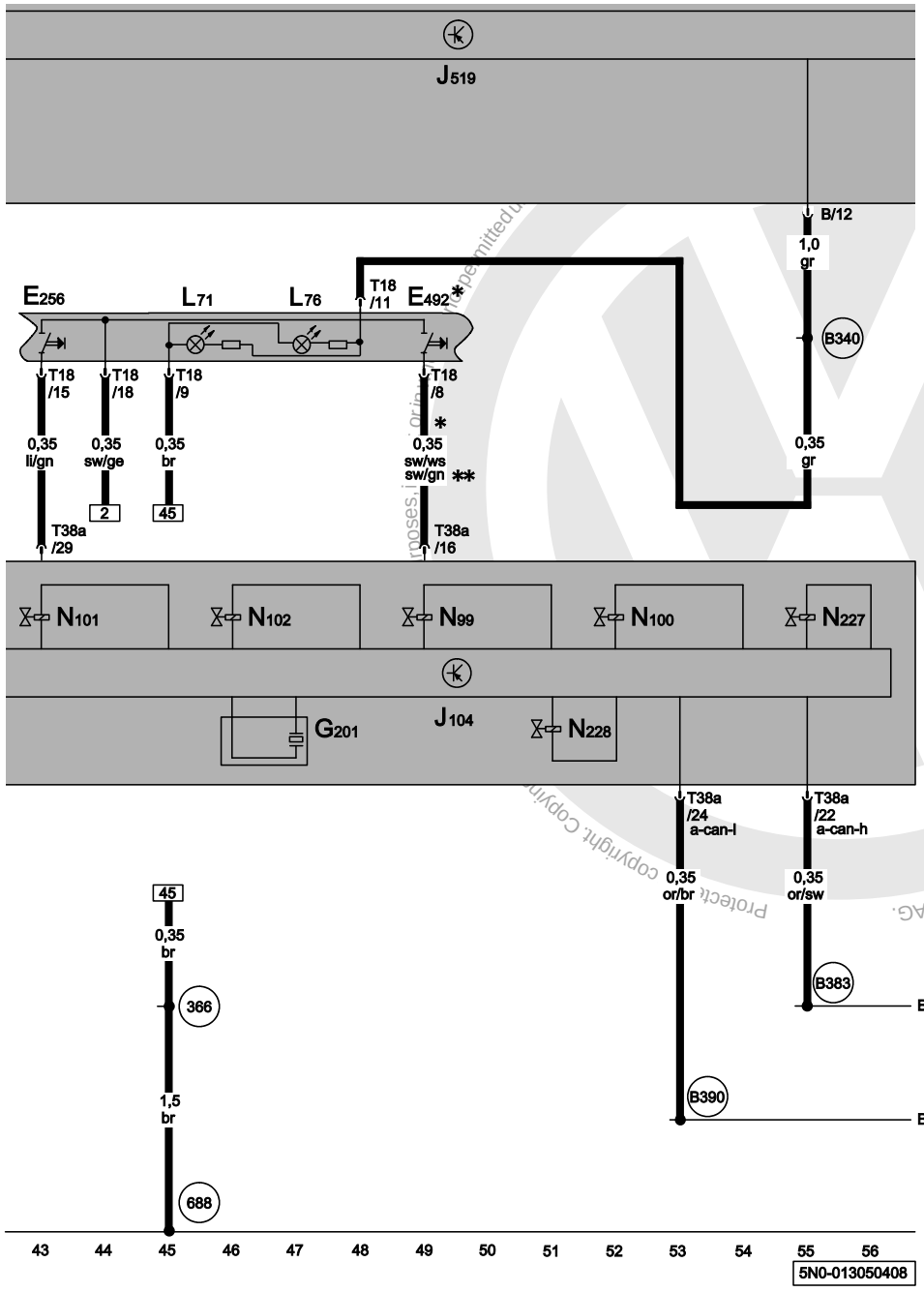


ABS hydraulic pump, ESP sensor unit, ABS control unit, control unit for electromechanical parking brake, vacuum sender

F	Brake light switch
G476	Clutch position sender
G608	Vacuum sender
J...	Engine control units
J104	ABS control unit
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake, see also CFD Parking Brake
N55	ABS hydraulic unit
N135	Rear right ABS outlet valve
N136	Rear left ABS outlet valve
N166	Front right EDL changeover valve
N169	Front left EDL outlet valve
T4aj	4-pin connector, black
T4bc	4-pin connector, black
T5m	5-pin connector, black
T30p	30-pin connector, black
T38a	38-pin connector, black
V39	ABS return flow pump
V64	ABS hydraulic pump
47	Earth point, in front right footwell
B131	Connection (54), in interior wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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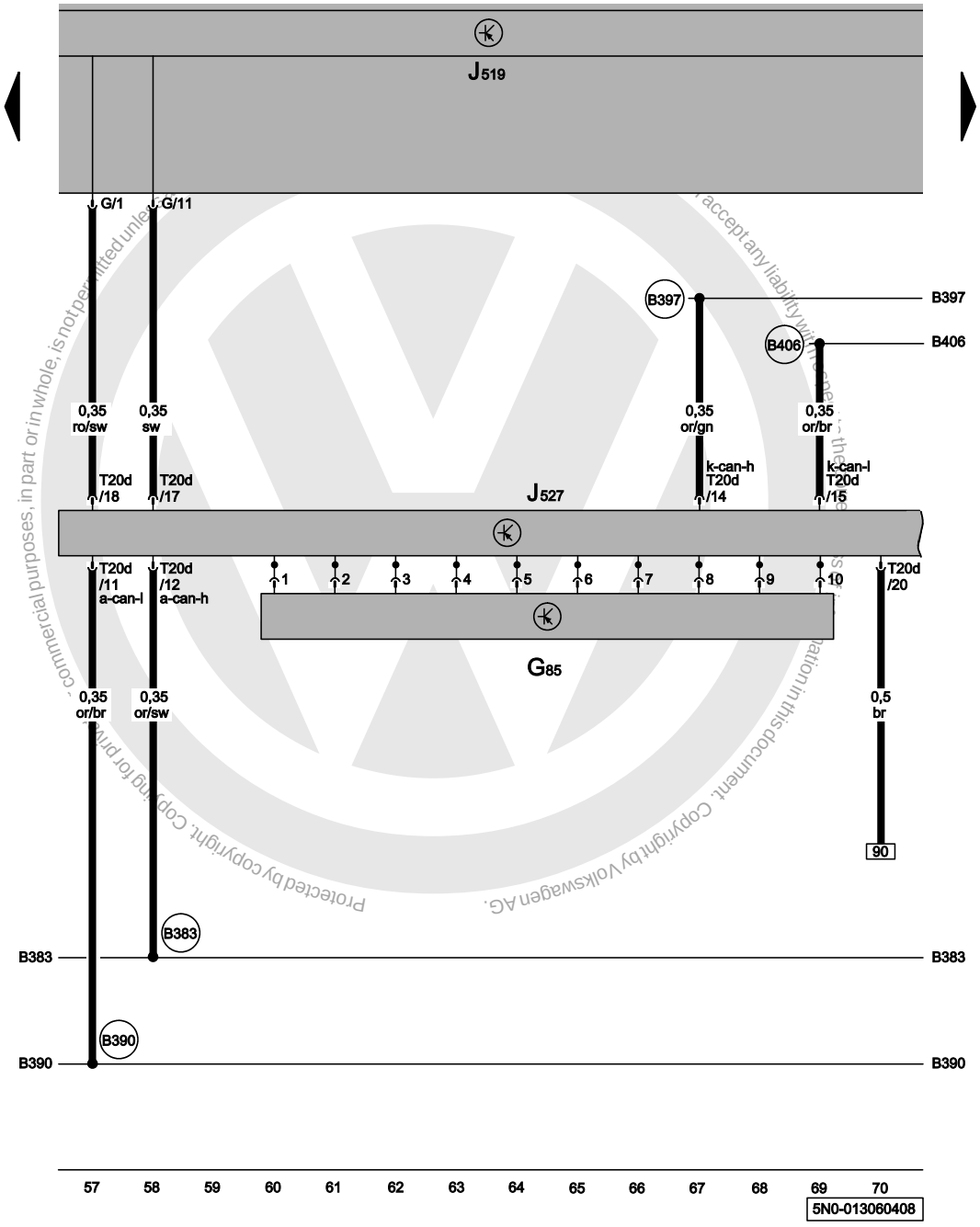


ws = white
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ABS control unit, TCS and ESP button, tyre pressure monitor display button

E256	TCS and ESP button
E492	Tyre pressure monitor display button
G201	Brake pressure sender 1
J104	ABS control unit
J519	Onboard supply control unit
L71	Traction control switch illumination bulb
L76	Button illumination bulb
N99	Front right ABS inlet valve
N100	Front right ABS outlet valve
N101	Front left ABS inlet valve
N102	Front left ABS outlet valve
N227	Vehicle stabilization program high-pressure valve 1
N228	Vehicle stabilization program high-pressure valve 2
T18	18-pin connector, black
T38a	38-pin connector, black
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Depends on equipment
**	From May 2008

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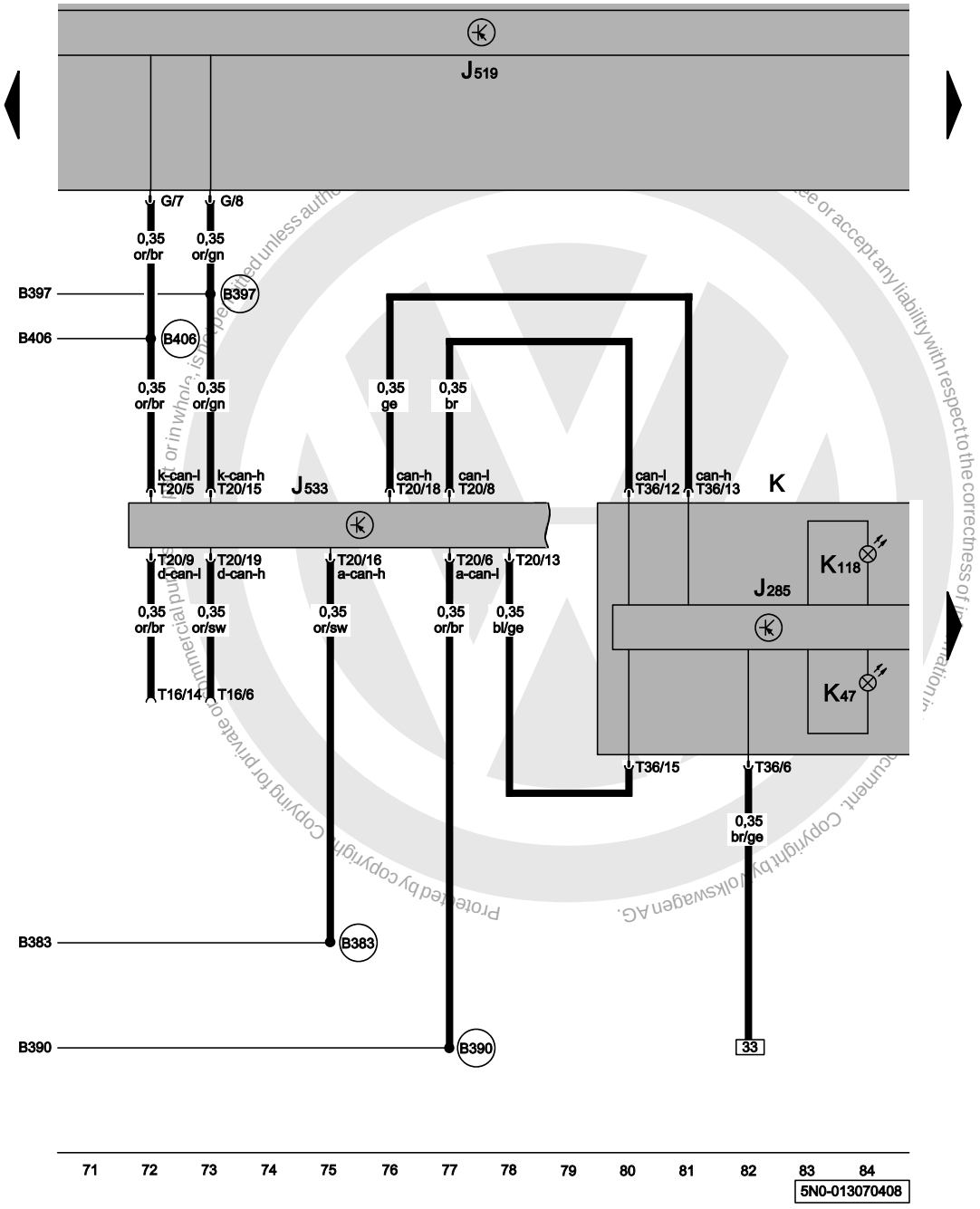


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Steering angle sender, steering column electronics control unit

G85	Steering angle sender
J519	Onboard supply control unit
J527	Steering column electronics control unit
T20d	20-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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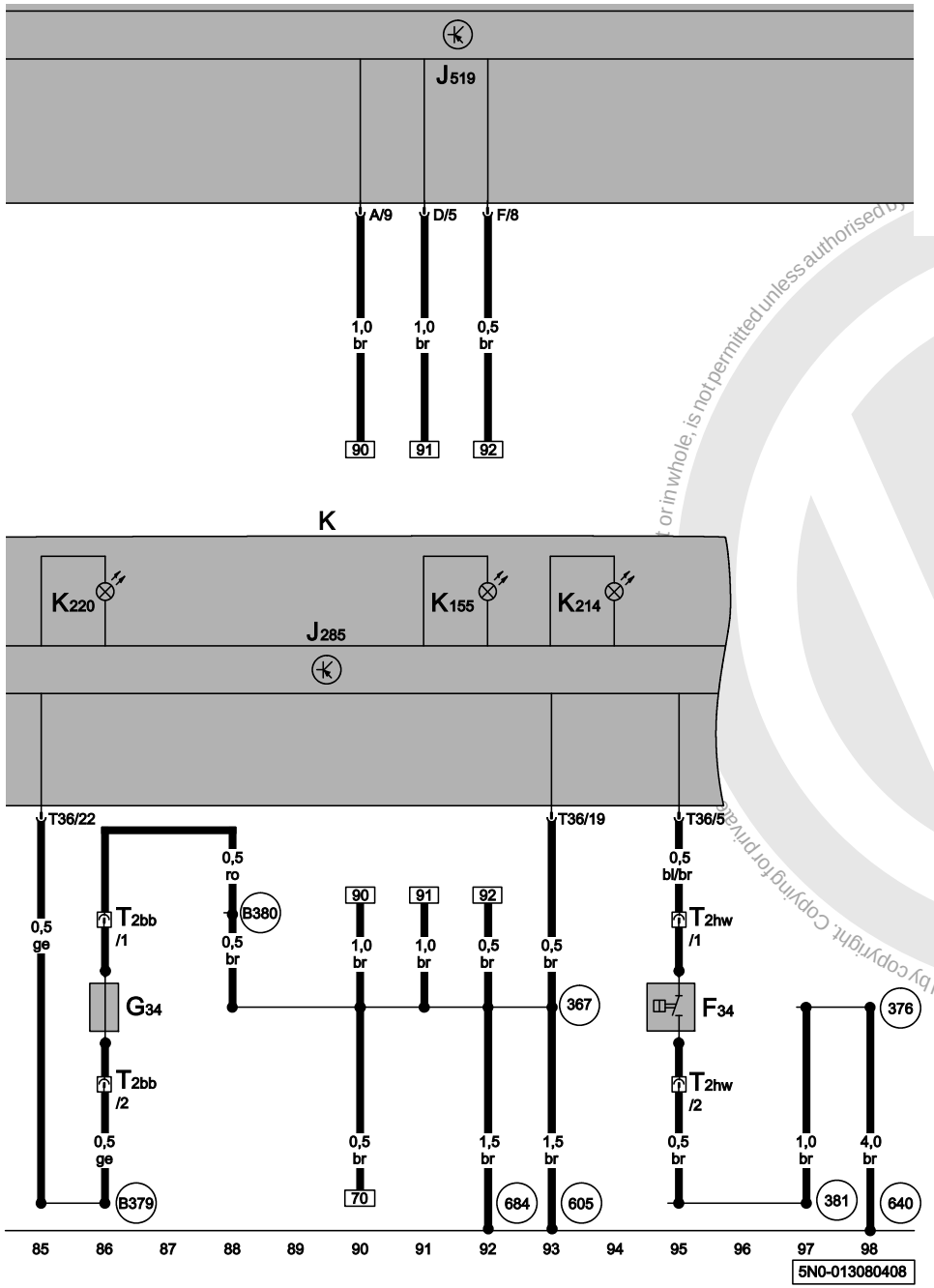
Self-diagnosis connection, data bus diagnosis interface, ABS warning lamp, braking system warning lamp, dash panel insert

J285	Control unit with display in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnosis interface
K	Dash panel insert
K47	ABS warning lamp
K118	Brake system warning lamp
T16	16-pin connector, on left under dash panel, self-diagnosis connection
T20	20-pin connector, red
T36	36-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
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ro	=	red
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Front left brake pad wear sender, ESP and TCS warning lamp, tyre pressure monitor warning lamp, brake fluid level warning contact



F34	Brake fluid level warning contact
G34	Front left brake pad wear sender
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K155	ESP and TCS warning lamp
K214	Electric parking brake and handbrake fault warning lamp
K220	Tyre pressure monitor warning lamp
T2bb	2-pin connector, black
T2hw	2-pin connector, black
T36	36-pin connector
367	Earth connection 2, in main wiring harness
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
605	Earth point, on top of steering column
640	Earth point 2, on left in engine compartment
684	Earth point, on front of left side member
B379	Connection 1 (brake wear indicator), in main wiring harness
B380	Connection 2 (brake wear indicator), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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All-wheel drive (4 Motion)

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!

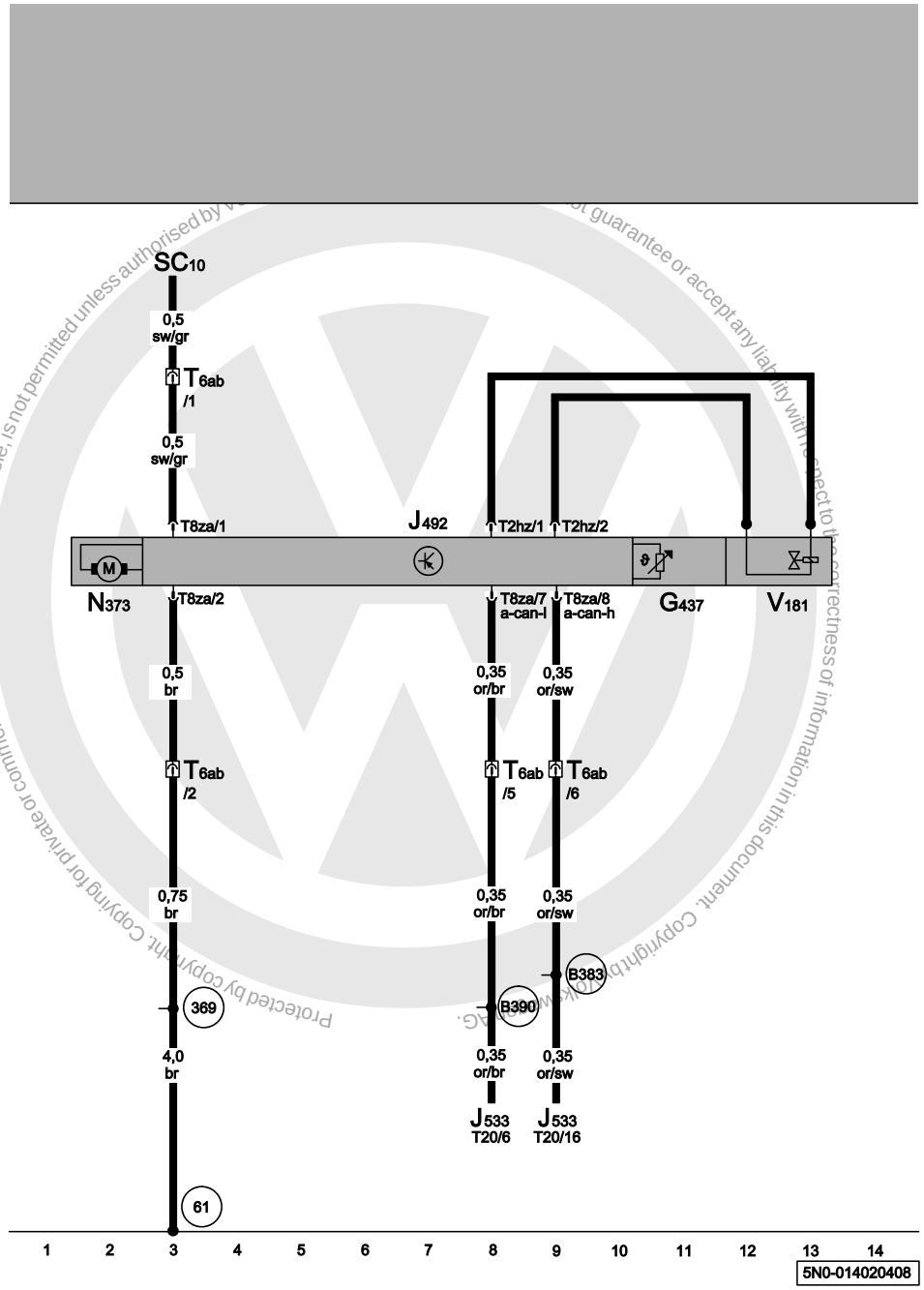
For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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Oil pressure and oil temperature sender, Haldex coupling pump, all-wheel drive control unit, valve for control of clutch opening angle



G437	Oil pressure and oil temperature sender
J492	All-wheel drive control unit
J533	Data bus diagnosis interface
N373	Coupling opening control valve
SC10	Fuse 10 on fuse holder C
T2hz	2-pin connector
T6ab	6-pin connector, black
T8za	8-pin connector
T20	20-pin connector, red
V181	Haldex coupling pump
61	Earth point, on left C-pillar
369	Connection 4, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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Airbag systems, not for USA/Canada

⇒ **Belt tensioner/rear side airbag**

⇒ **Belt latch control on front passenger side**

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

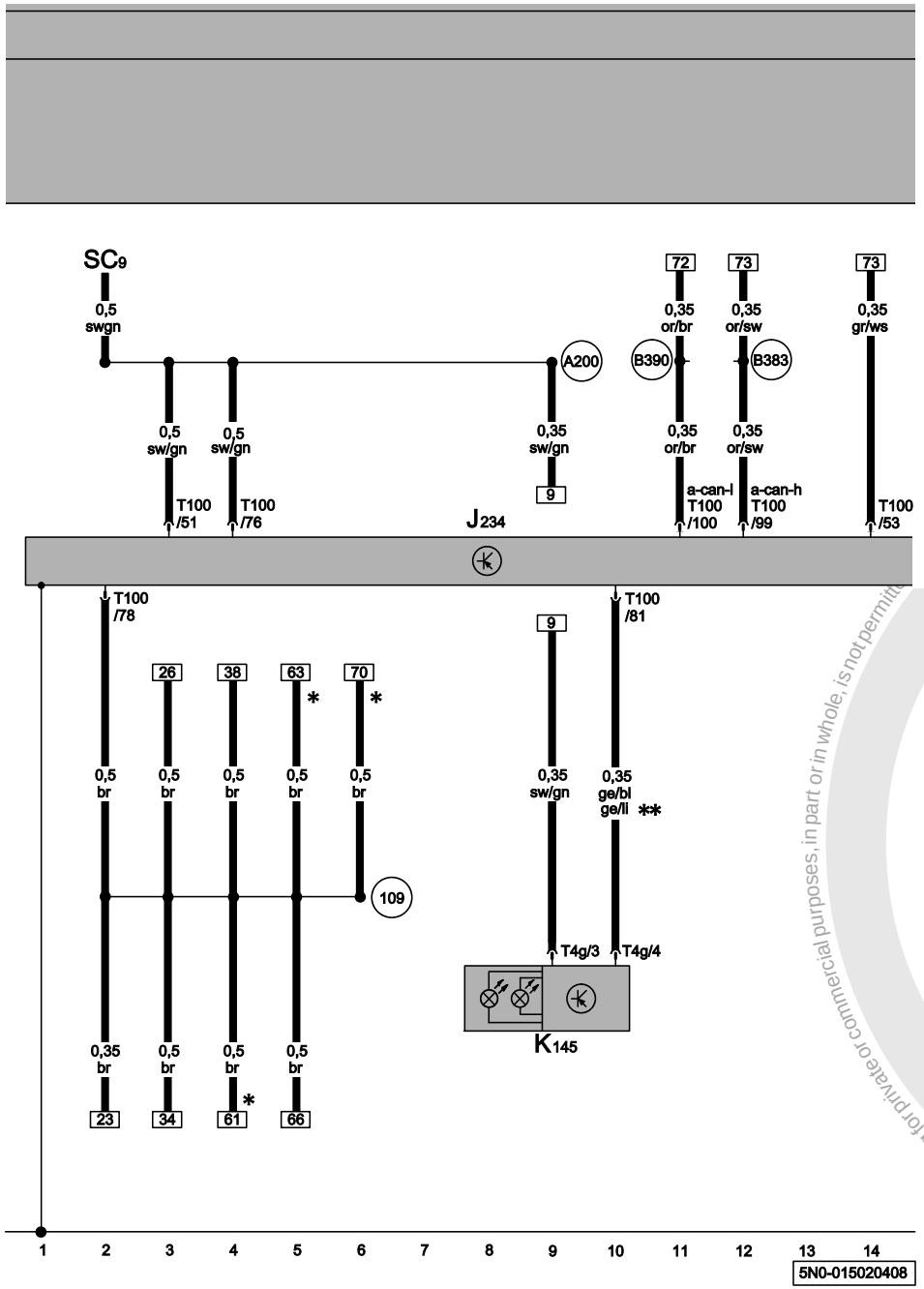
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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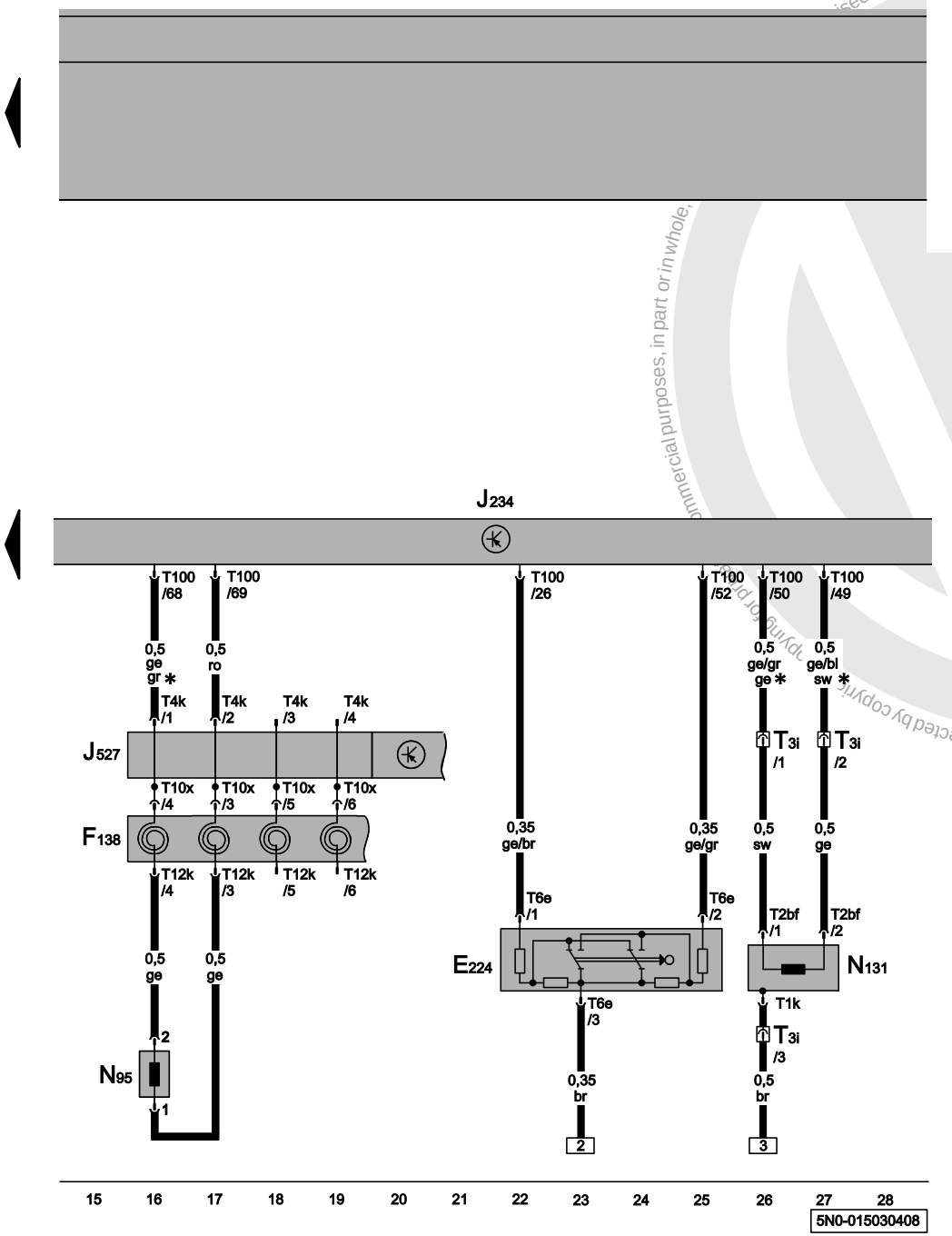


Front passenger side airbag deactivated warning lamp, fuse SC9, airbag control unit

J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
SC9	Fuse 9 on fuse holder C
T4g	4-pin connector, black
T100	100-pin connector
109	Earth connection, in airbag wiring harness
A200	Positive connection 5 (15a) in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Depends on equipment
**	From May 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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Key switch for deactivation, airbag control unit, steering column electronics control unit, igniter for airbag on driver side/front passenger side

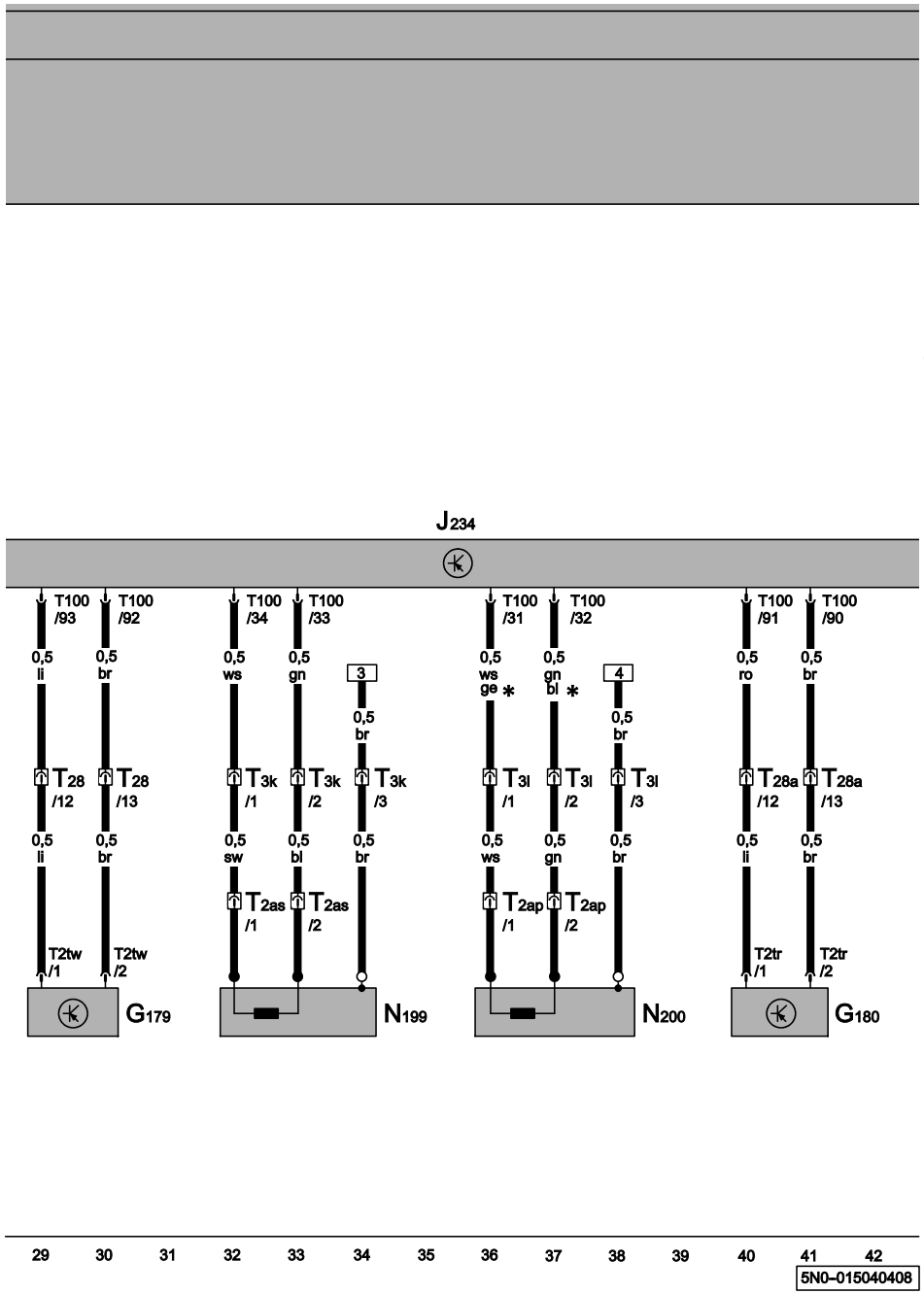
E224	Key operated switch to deactivate front passenger front airbag
F138	Airbag coil connector
J234	Airbag control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
T1k	Single connector
T2bf	2-pin connector, yellow
T3i	3-pin connector, yellow
T4k	4-pin connector
T6e	6-pin connector
T10x	10-pin connector
T12k	12-pin connector
T100	100-pin connector
*	Gradual introduction in model year 2008

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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Side airbag crash sensors, airbag control unit, side airbag igniter

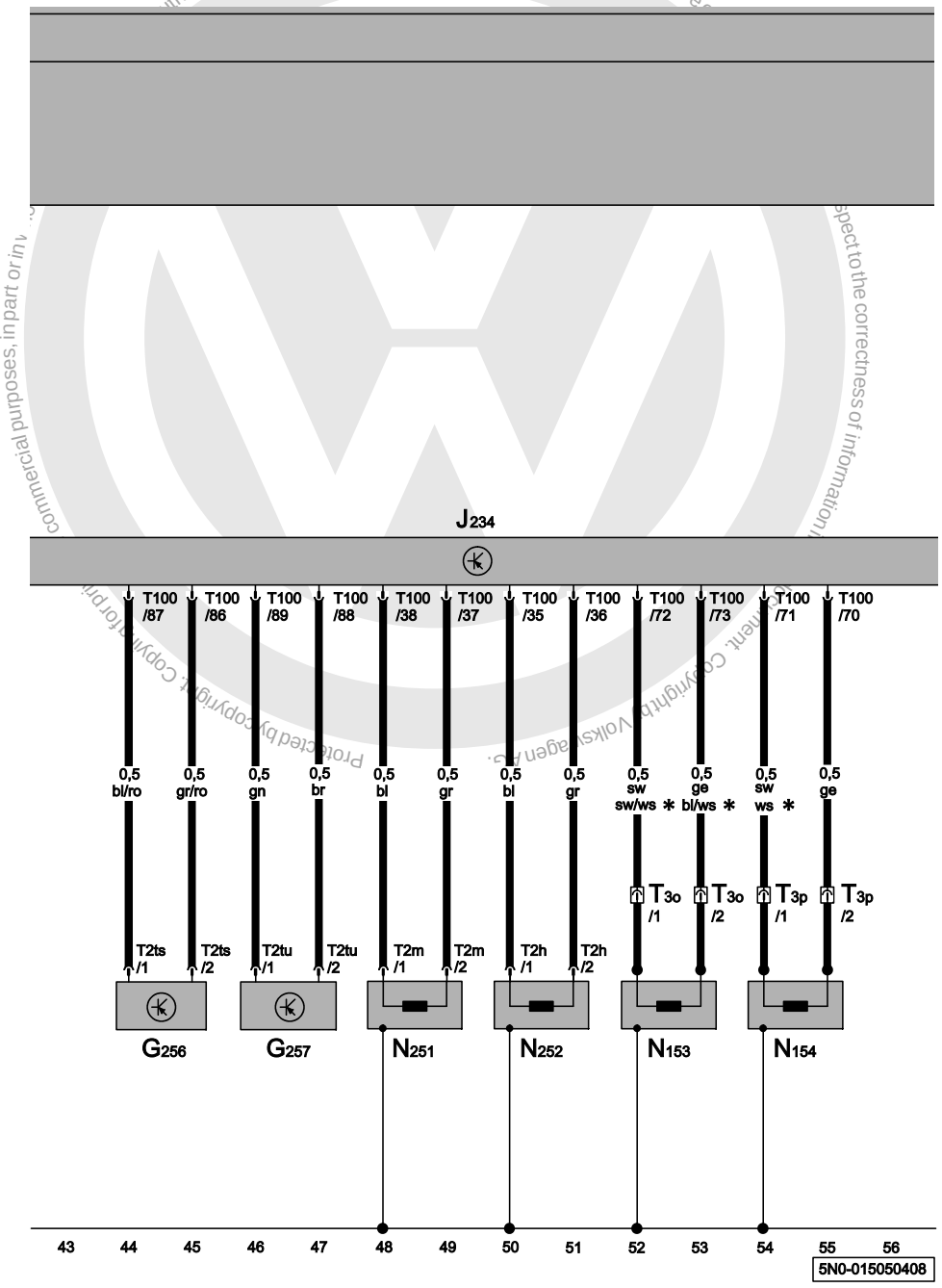
G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
J234	Airbag control unit
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
T2ap	2-pin connector, yellow
T2as	2-pin connector, yellow
T2tw	2-pin connector, yellow
T2tr	2-pin connector, yellow
T3k	3-pin connector, yellow
T3l	3-pin connector, yellow
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
T100	100-pin connector
*	From May 2008



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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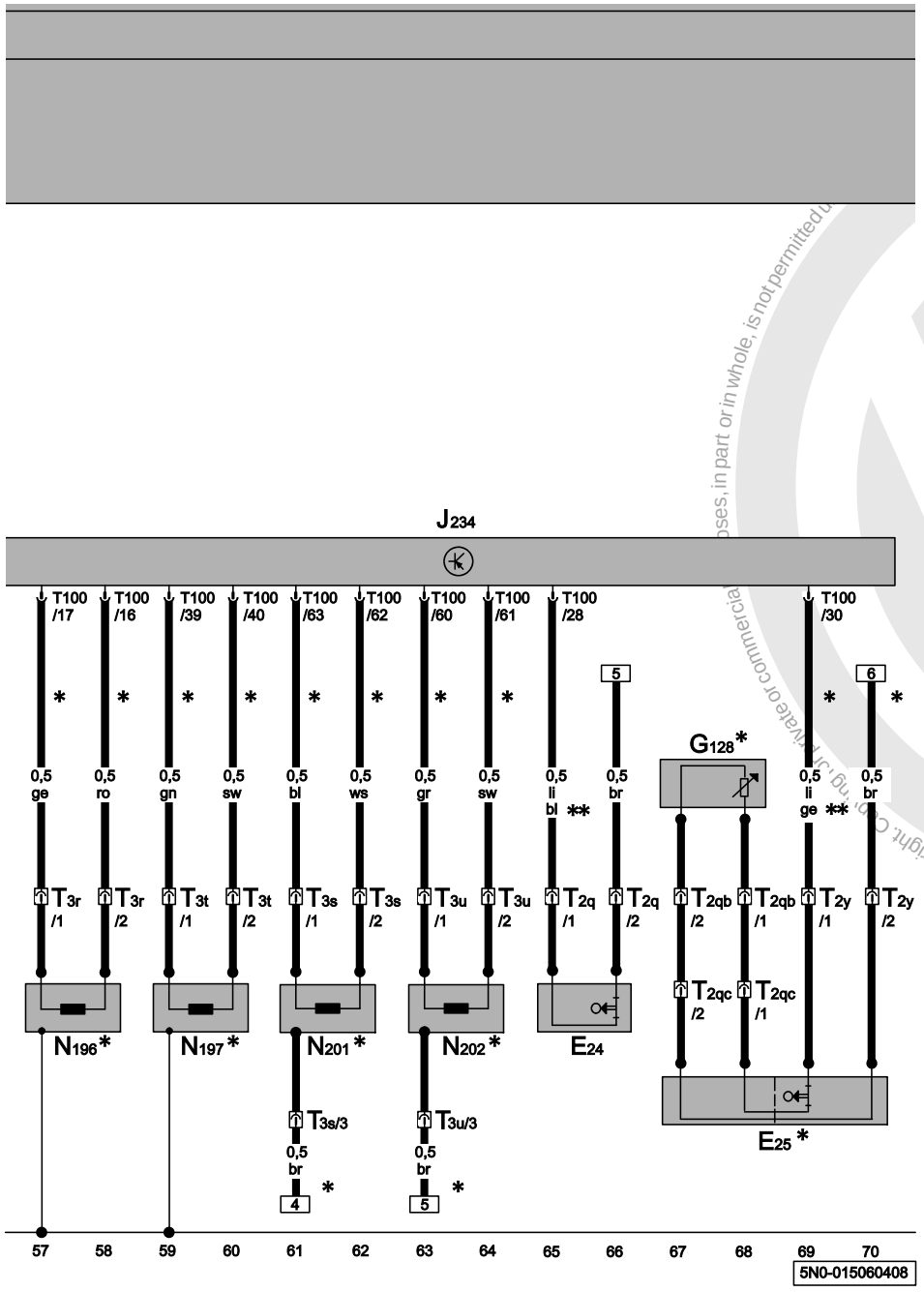
Rear side airbag crash sensor, airbag control unit, igniter for front belt tensioner, igniter for curtain/head airbag

G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on front passenger side
J234	Airbag control unit
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
N251	Driver side curtain/head airbag igniter
N252	Front passenger side curtain/head airbag igniter
T2h	2-pin connector, black
T2m	2-pin connector, black
T2ts	2-pin connector, yellow
T2tu	2-pin connector, yellow
T3o	3-pin connector
T3p	3-pin connector
T100	100-pin connector
*	From May 2008

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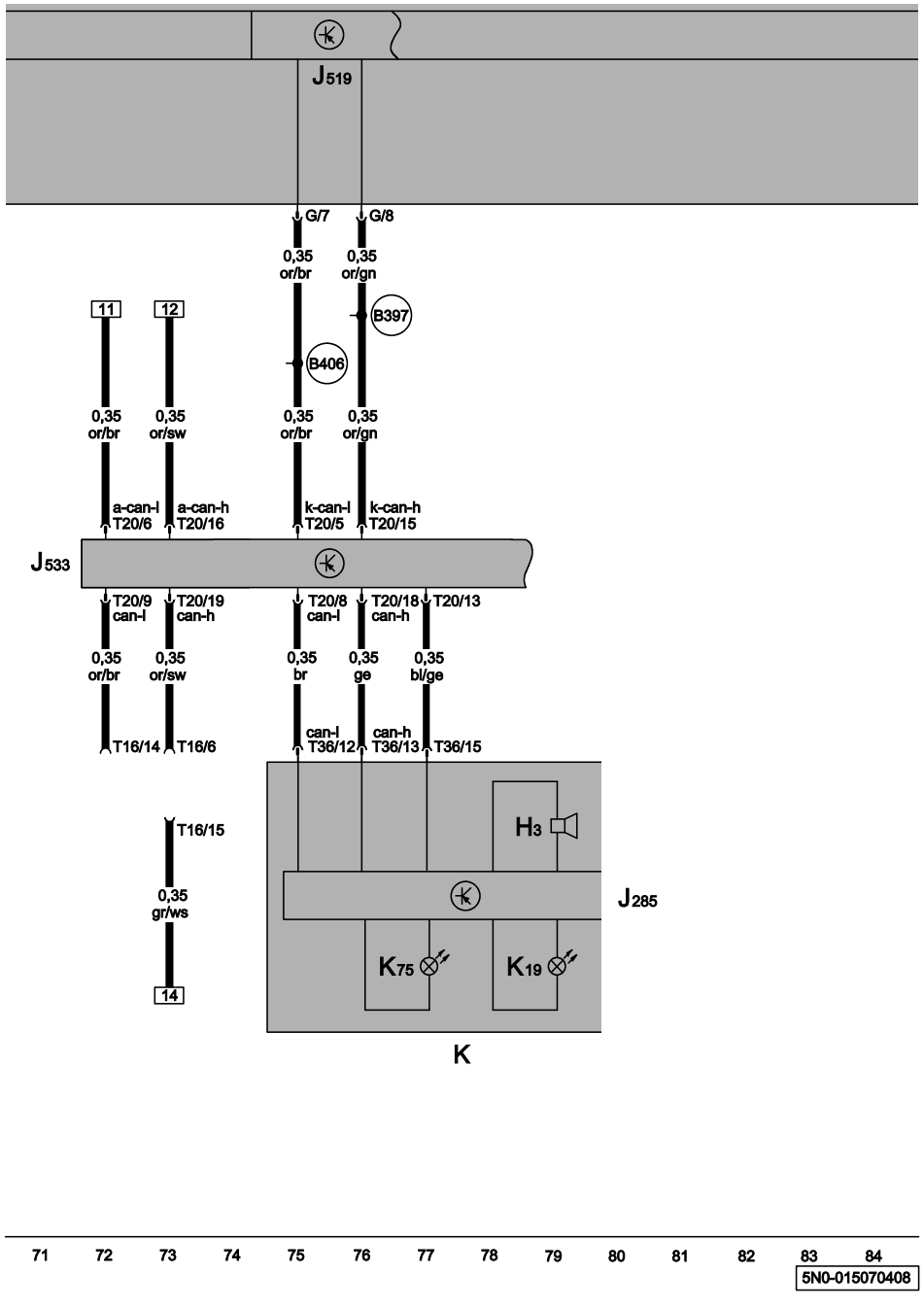
Front passenger side belt switch, driver side belt switch, seat occupied sensor, front passenger side, airbag control unit, igniter for rear belt tensioner, igniter for rear side airbag

E24	Driver side belt switch
E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
J234	Airbag control unit
N196	Rear belt tensioner igniter on driver side
N197	Rear belt tensioner igniter on front passenger side
N201	Rear side airbag igniter on driver side
N202	Rear side airbag igniter on front passenger side
T2q	2-pin connector, black
T2qb	2-pin connector
T2qc	2-pin connector
T2y	2-pin connector, black
T3r	3-pin connector
T3s	3-pin connector
T3t	3-pin connector
T3u	3-pin connector
T100	100-pin connector
*	Depends on equipment
**	From May 2008



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Self-diagnosis connection, data bus diagnosis interface, airbag warning lamp, seat belt warning system warning lamp

H3	Buzzer and gong
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnosis interface
K	Dash panel insert
K19	Seat belt warning system warning lamp
K75	Airbag warning lamp
T16	16-pin connector, on left under dash panel, self-diagnosis connection
T20	20-pin connector, red
T36	36-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

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Electronically controlled damper

From May 2008

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

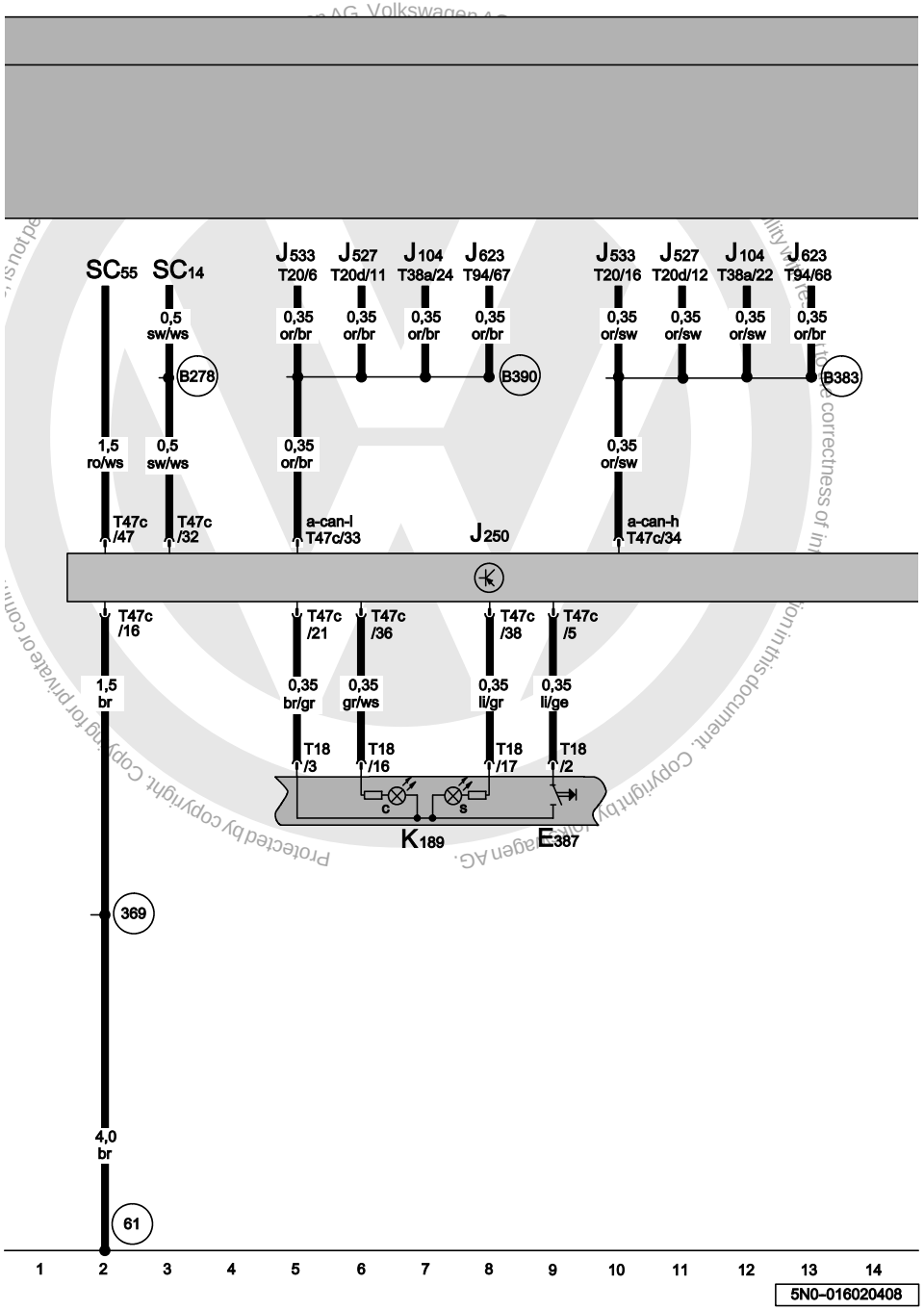
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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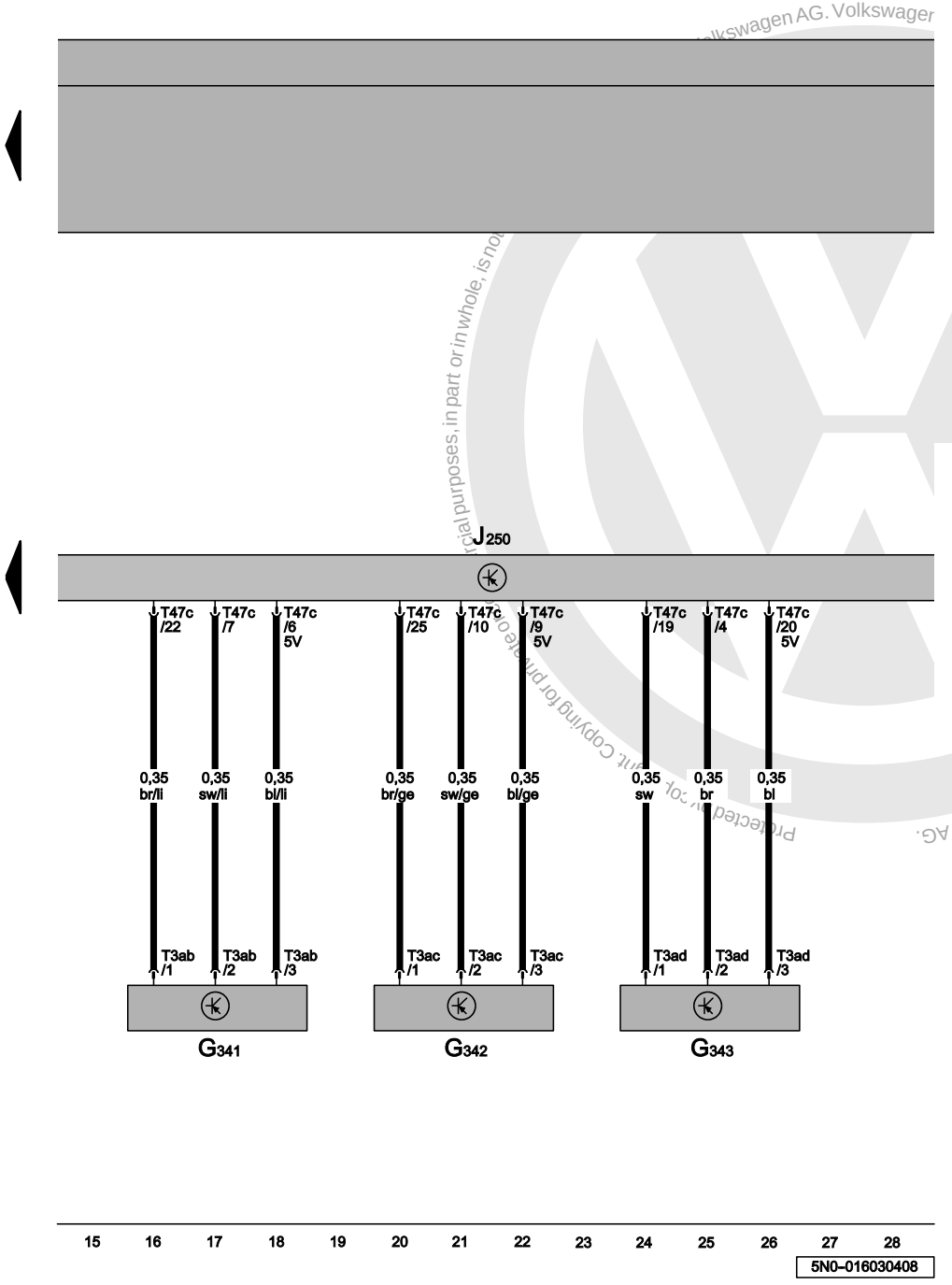


Electronically controlled damping warning lamp, fuses, electronically controlled damping control unit, electronically controlled damping adjustment button

E387	Shock absorber damping adjustment button
J104	ABS control unit
J250	Electronically controlled damping control unit
J527	Steering column electronics control unit
J533	Data bus diagnosis interface
J623	Engine control unit, in centre of plenum chamber
K189	Shock absorber damping adjustment warning lamp
SC14	Fuse 14 on fuse holder C
SC55	Fuse 55 on fuse holder C
T18	18-pin connector
T20	20-pin connector
T20d	20-pin connector, black
T38a	38-pin connector
T47c	47-pin connector
T94	94-pin connector
61	Earth point, on left C-pillar
369	Earth connection 4, in main wiring harness
B278	Connection 2 (15a), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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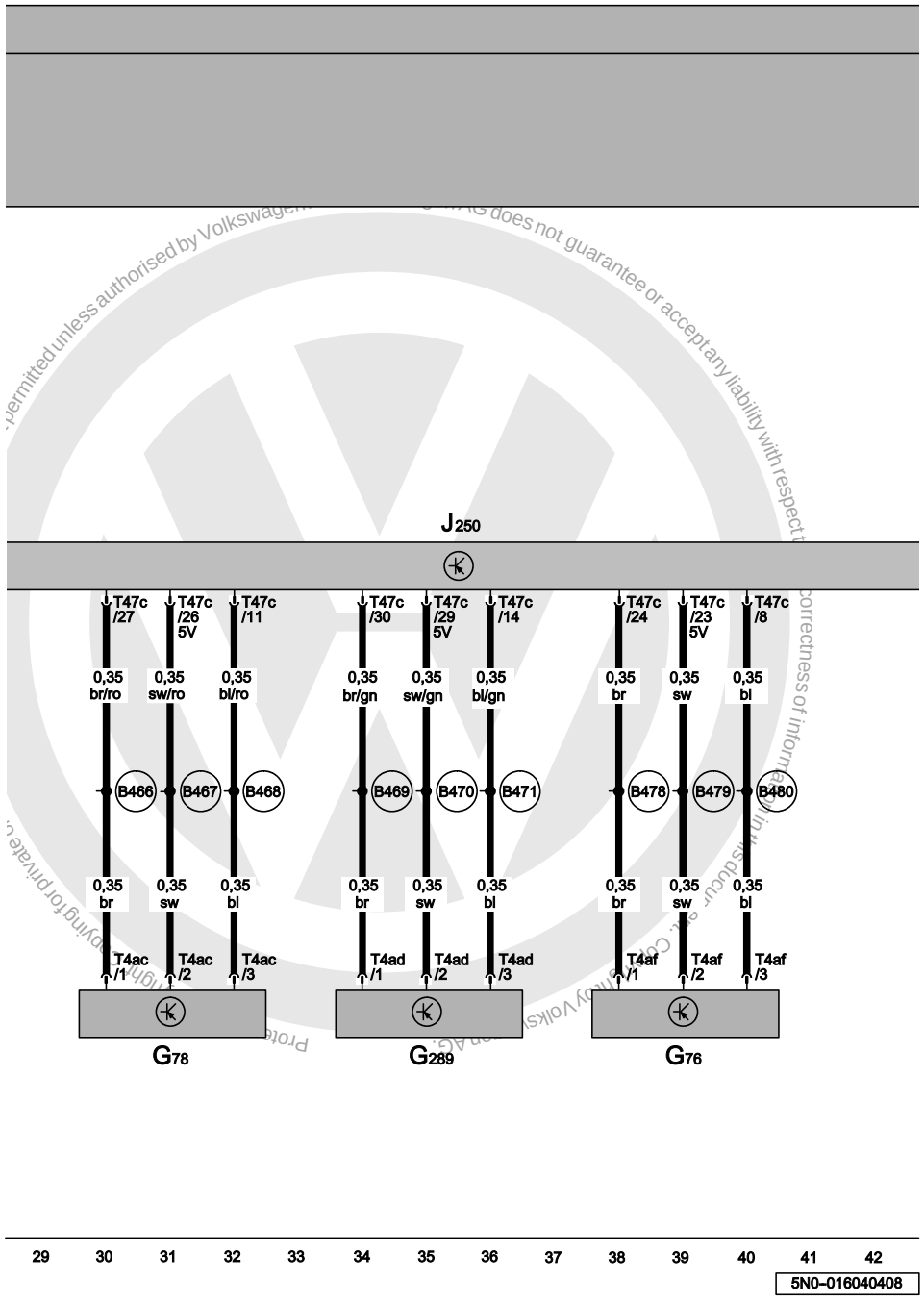


Body acceleration sender, electronically controlled damping control unit

G341	Front left body acceleration sender
G342	Front right body acceleration sender
G343	Rear body acceleration sender
J250	Electronically controlled damping control unit
T3ab	3-pin connector
T3ac	3-pin connector
T3ad	3-pin connector
T47c	47-pin connector

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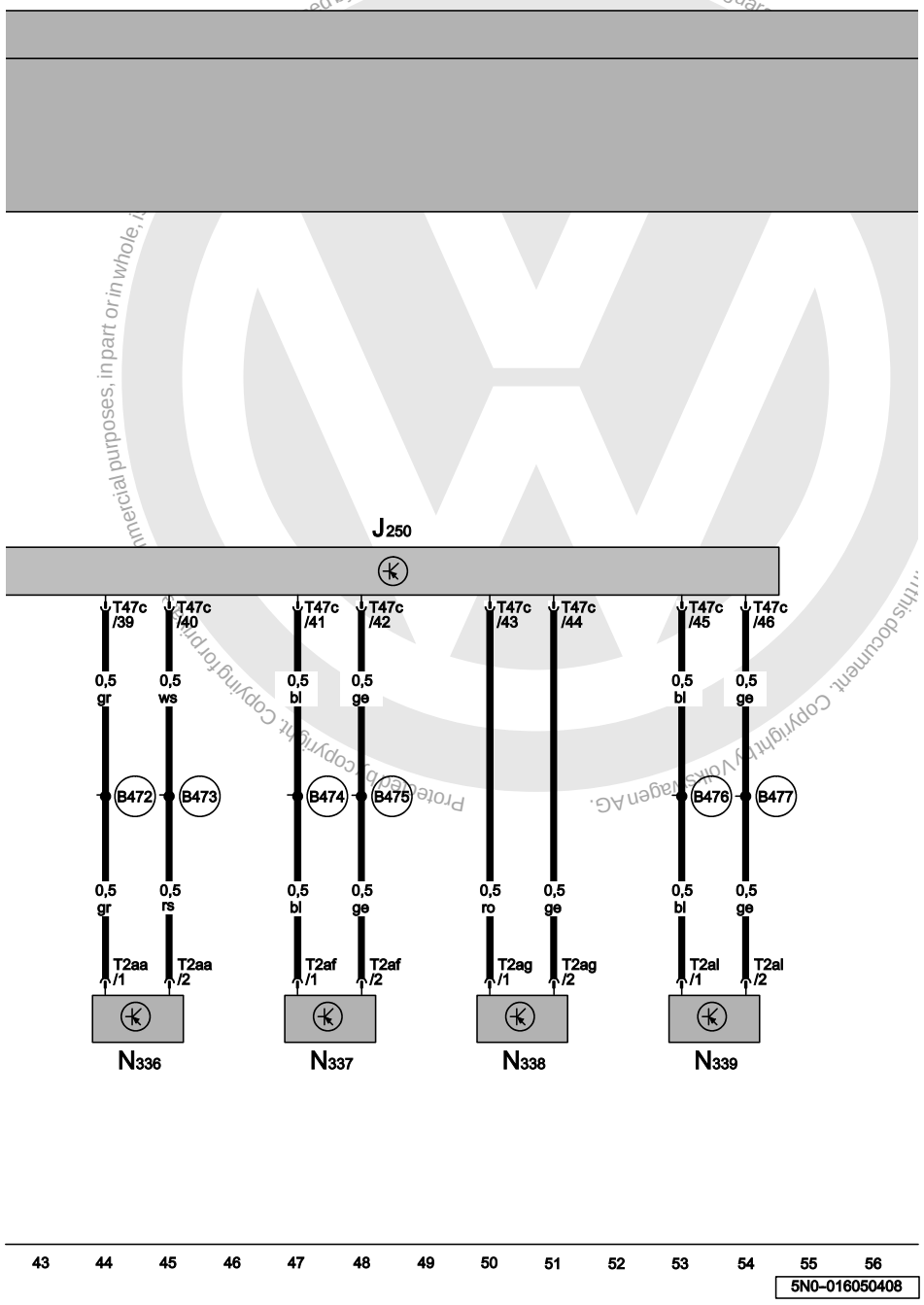


Vehicle level sender, electronically controlled damping control unit

G76	Rear left vehicle level sender
G78	Front left vehicle level sender
G289	Front right vehicle level sender
J250	Electronically controlled damping control unit
T4ac	4-pin connector, black
T4ad	4-pin connector, black
T4af	4-pin connector, black
T47c	47-pin connector
B466	Connection 2, in main wiring harness
B467	Connection 3, in main wiring harness
B468	Connection 4, in main wiring harness
B469	Connection 5, in main wiring harness
B470	Connection 6, in main wiring harness
B471	Connection 7, in main wiring harness
B478	Connection 14, in main wiring harness
B479	Connection 15, in main wiring harness
B480	Connection 16, in main wiring harness

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Electronically controlled damping control unit, shock absorber damper adjustment valve

J250	Electronically controlled damping control unit
N336	Front left shock absorber damper adjustment valve
N337	Front right shock absorber damper adjustment valve
N338	Rear left shock absorber damper adjustment valve
N339	Rear right shock absorber damping adjustment valve
T2aa	2-pin connector, brown
T2af	2-pin connector, brown
T2ag	2-pin connector, brown
T2al	2-pin connector, brown
T47c	47-pin connector
B472	Connection 8, in main wiring harness
B473	Connection 9, in main wiring harness
B474	Connection 10, in main wiring harness
B475	Connection 11, in main wiring harness
B476	Connection 12, in main wiring harness
B477	Connection 13, in main wiring harness

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Airbag systems (USA/Canada)

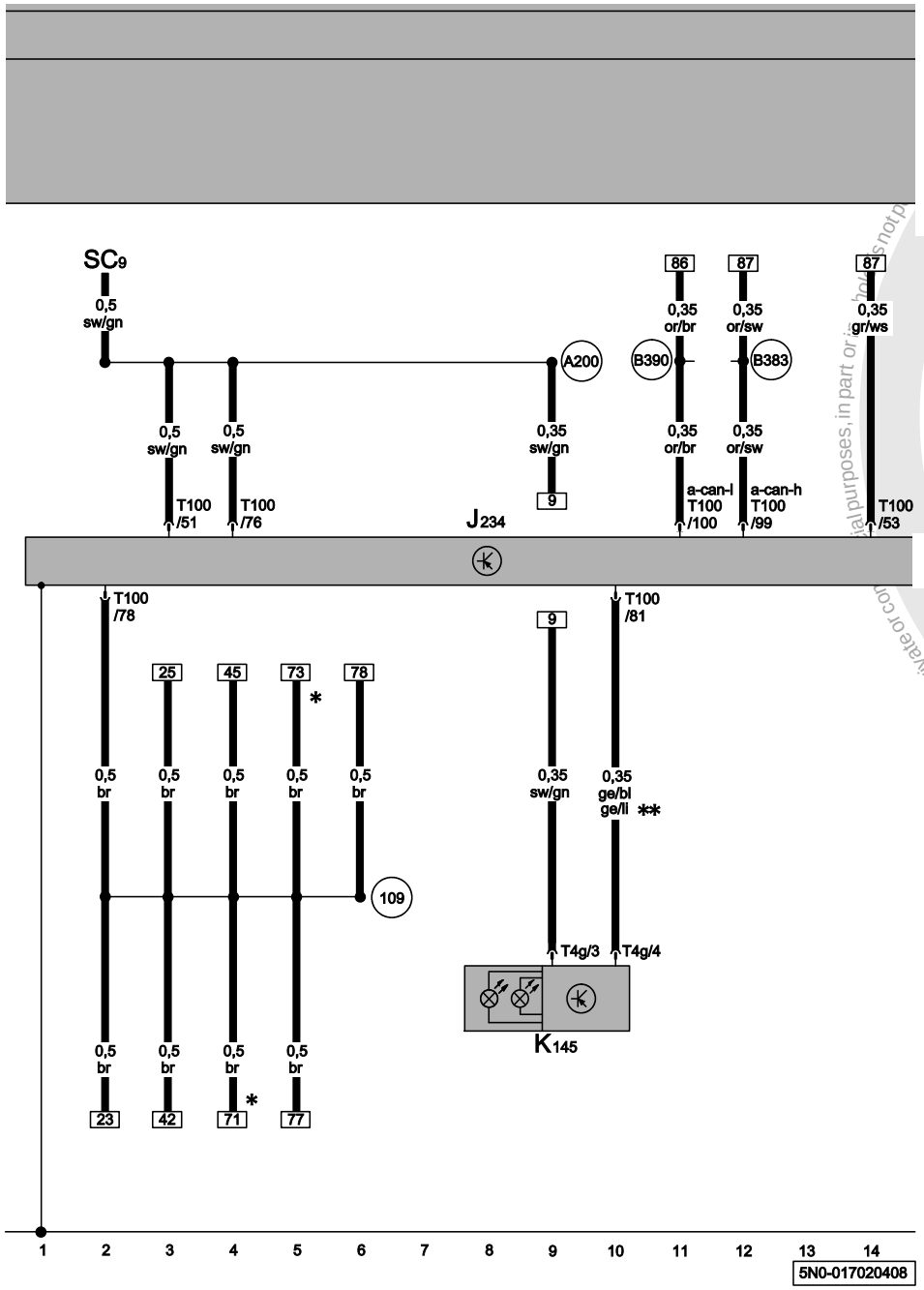
⇒ **Belt tensioner/rear side airbag**
from November 2007

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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Front passenger side airbag deactivated warning lamp, fuse SC9, airbag control unit

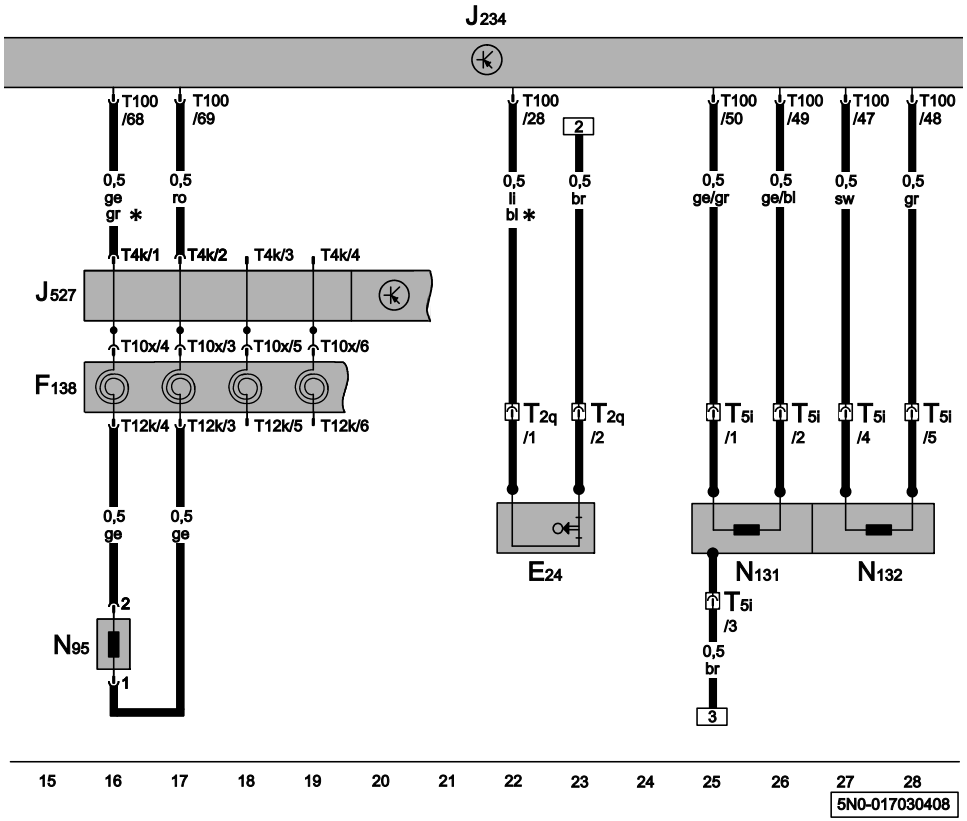
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
SC9	Fuse 9 on fuse holder C
T4g	4-pin connector, black
T100	100-pin connector
109	Earth connection, in airbag wiring harness
A200	Positive connection 5 (15a) in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Depends on equipment
**	From May 2008

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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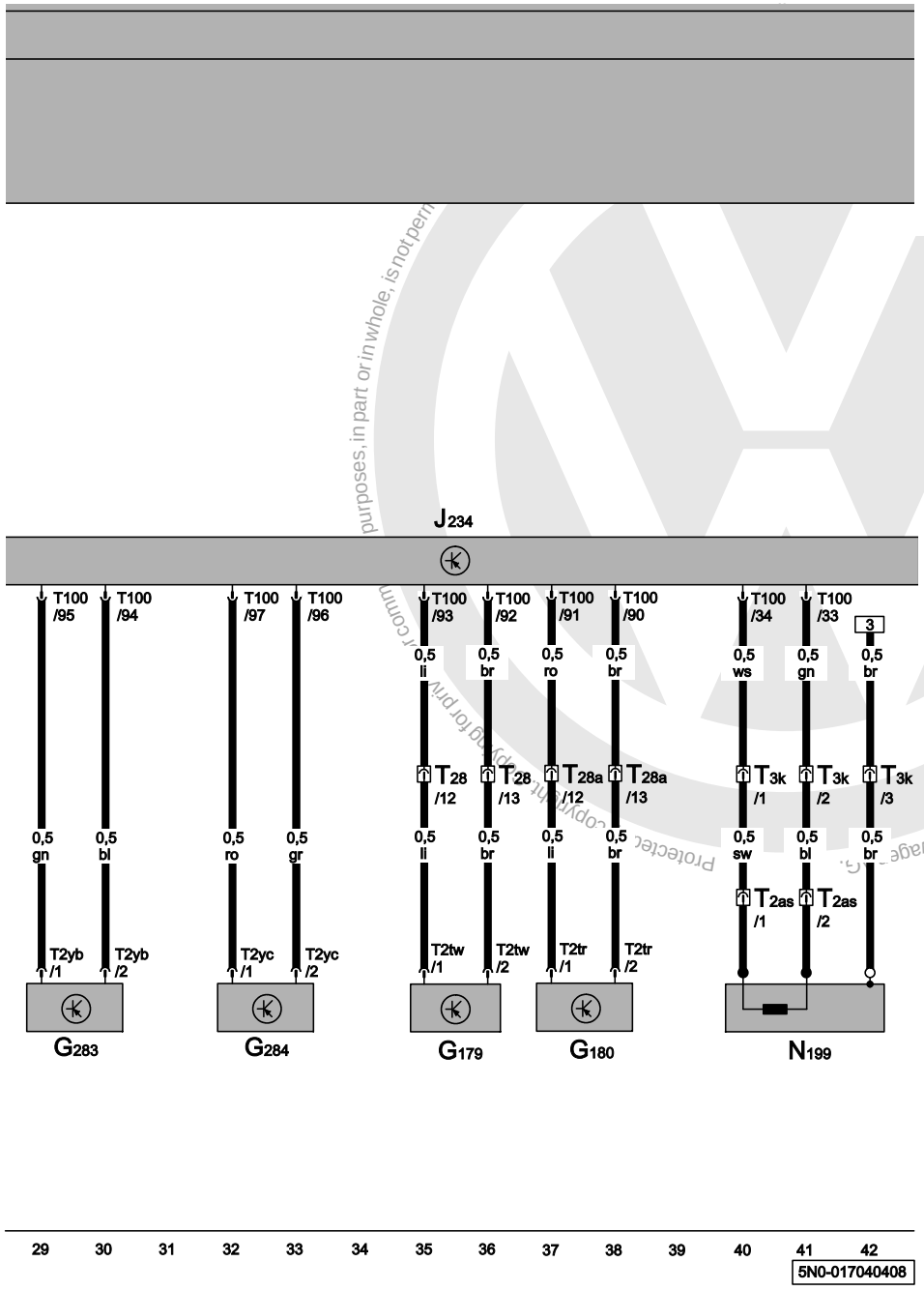
Driver side belt switch, airbag control unit, steering column electronics control unit, igniter for driver airbag

E24	Driver side belt switch
F138	Airbag coil connector
J234	Airbag control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
N132	Front passenger side airbag igniter 2
T2q	2-pin connector, black
T4k	4-pin connector
T5i	5-pin connector, yellow
T10x	10-pin connector
T12k	12-pin connector
T100	100-pin connector
*	From May 2008



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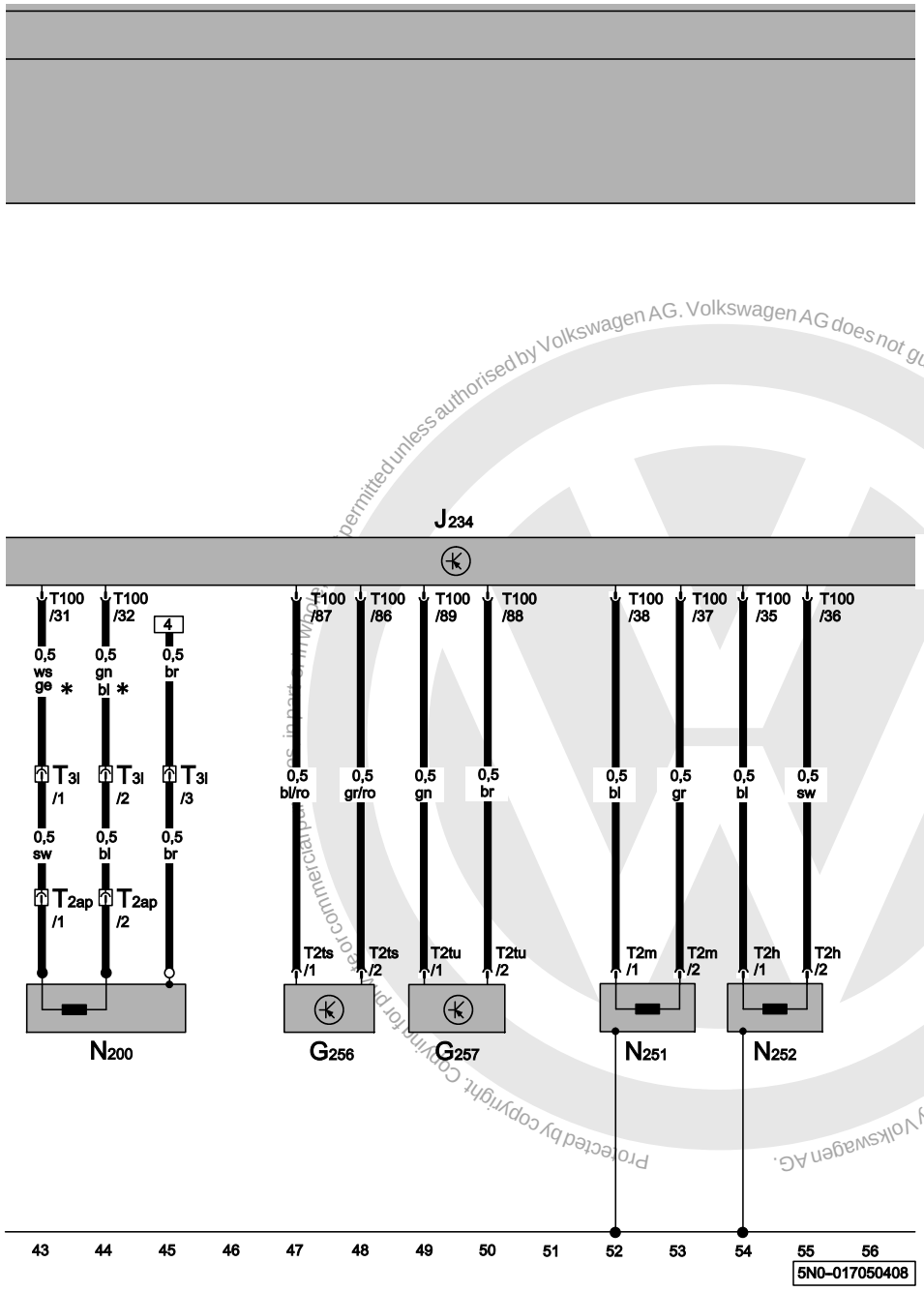


Front airbag crash sensors for driver/front passenger side, side airbag crash sensors on driver side/front passenger side, airbag control unit, igniter for side airbag on driver side

G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
G283	Front airbag crash sensor for driver side
G284	Front airbag crash sensor for front passenger side
N199	Side airbag igniter on driver side
J234	Airbag control unit
T2as	2-pin connector, yellow
T2tr	2-pin connector, yellow
T2tw	2-pin connector, yellow
T3k	3-pin connector, yellow
T2yb	2-pin connector, yellow
T2yc	2-pin connector, yellow
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
T100	100-pin connector

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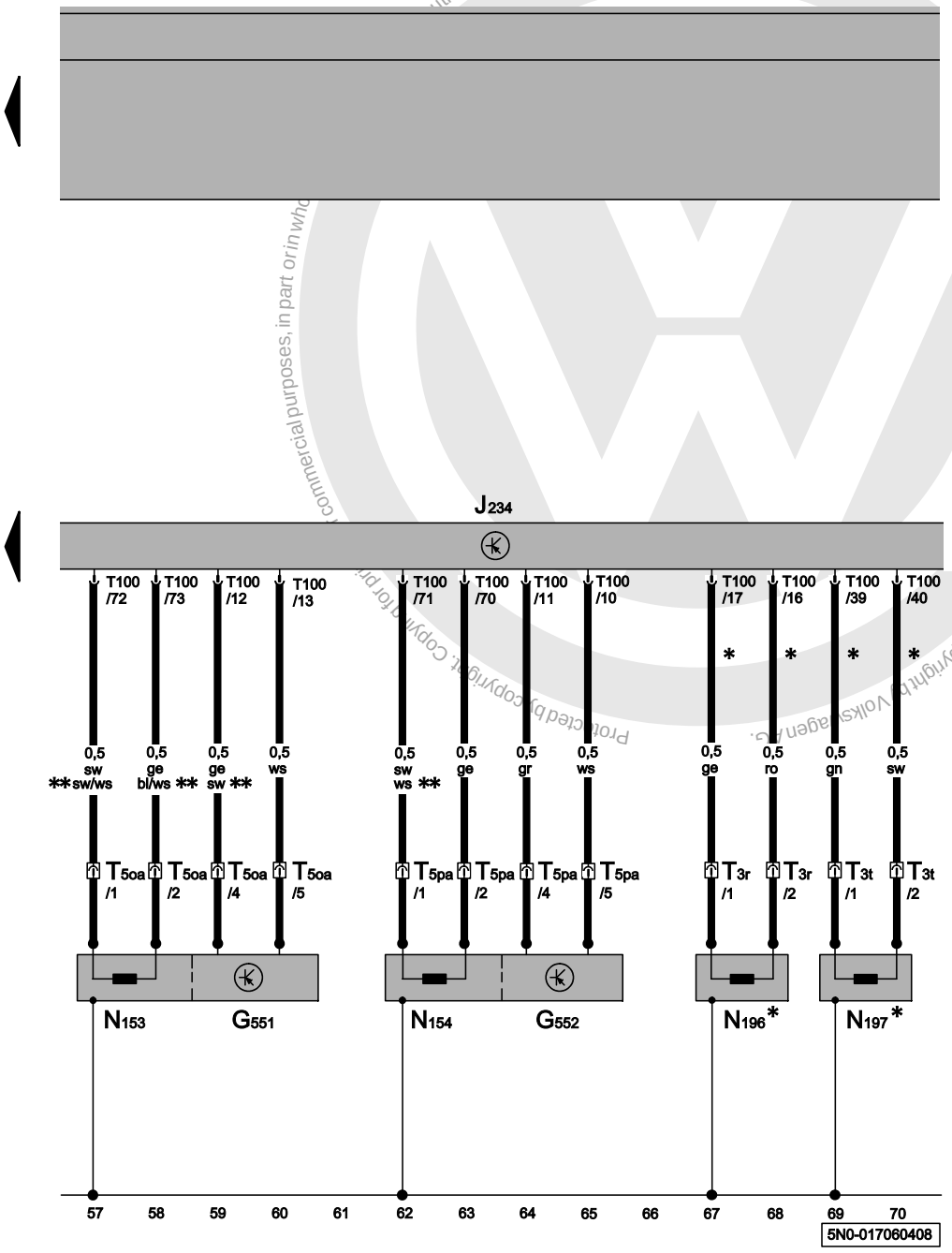
Rear side airbag crash sensors, airbag control unit, igniter for curtain/head airbag, igniter for side airbag on front passenger side

G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on front passenger side
J234	Airbag control unit
N200	Side airbag igniter on front passenger side
N251	Driver side curtain/head airbag igniter
N252	Front passenger side curtain/head airbag igniter
T2ap	2-pin connector, yellow
T2h	2-pin connector, black
T2m	2-pin connector, black
T2ts	2-pin connector, yellow
T2tu	2-pin connector, yellow
T3l	3-pin connector, yellow
T100	100-pin connector
*	From May 2008

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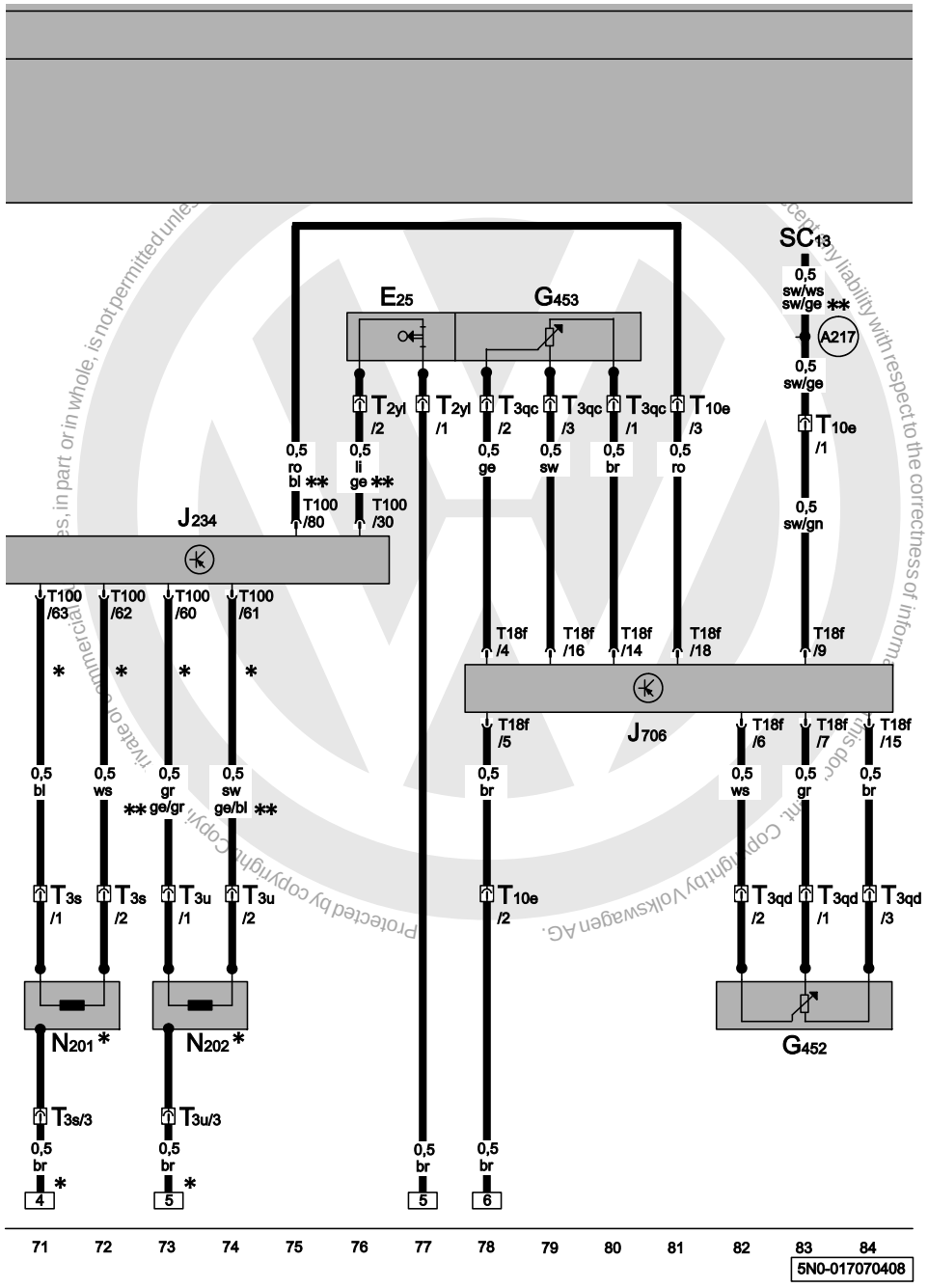
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Belt force limiter, airbag control unit, igniter for rear belt tensioner, igniter for front belt tensioner

G551	Driver side belt force limiter
G552	Front passenger side belt force limiter
J234	Airbag control unit
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
N196	Rear belt tensioner igniter on driver side
N197	Rear belt tensioner igniter on front passenger side
T3r	3-pin connector
T3t	3-pin connector
T5oa	5-pin connector, yellow
T5pa	5-pin connector, yellow
T100	100-pin connector
*	Depends on equipment
**	From May 2008

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or	=	orange
rs	=	pink

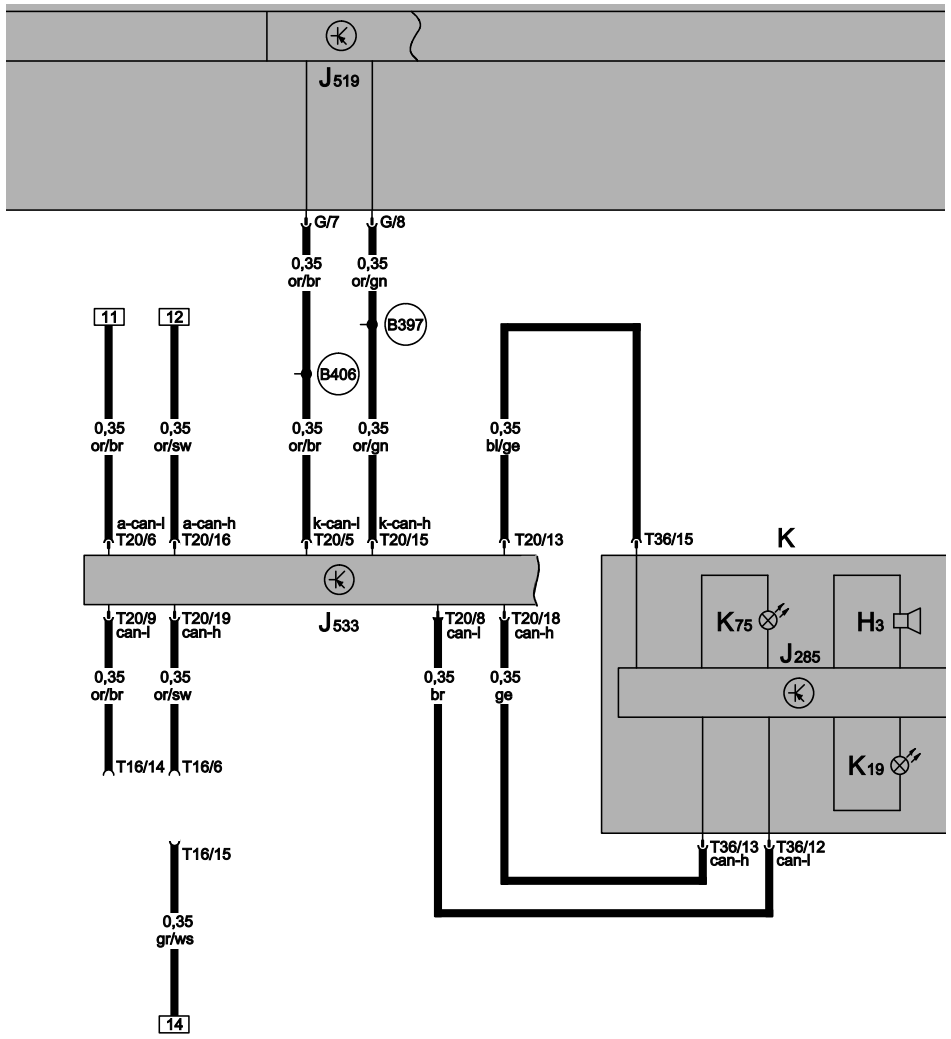


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Pressure sensor, belt force sensor and seat occupied detection control unit, belt switch front passenger side, airbag control unit, igniter for rear side airbag

E25	Front passenger side belt switch
G452	Pressure sensor for seat occupied recognition
G453	Seat belt force sensor for seat occupied recognition
J234	Airbag control unit
J706	Seat occupied recognition control unit
N201	Rear side airbag igniter on driver side
N202	Rear side airbag igniter on front passenger side
SC13	Fuse 13 on fuse holder C
T2yl	2-pin connector
T3qc	3-pin connector
T3qd	3-pin connector
T3s	3-pin connector
T3u	3-pin connector
T10e	10-pin connector
T18f	18-pin connector
T100	100-pin connector
(A217)	Positive connection 8 (15a) in dash panel wiring harness
*	Depends on equipment
**	Gradual introduction in model year 2008

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Self-diagnosis connection, data bus diagnosis interface, airbag warning lamp, seat belt warning system warning lamp

H3	Buzzer and gong
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnosis interface, in left footwell, near centre console
K	Dash panel insert
K19	Seat belt warning system warning lamp
K75	Airbag warning lamp
T16	16-pin connector, on left under dash panel, self-diagnosis connection
T20	20-pin connector, red
T36	36-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
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Electromechanical power steering, only left-hand drive models

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

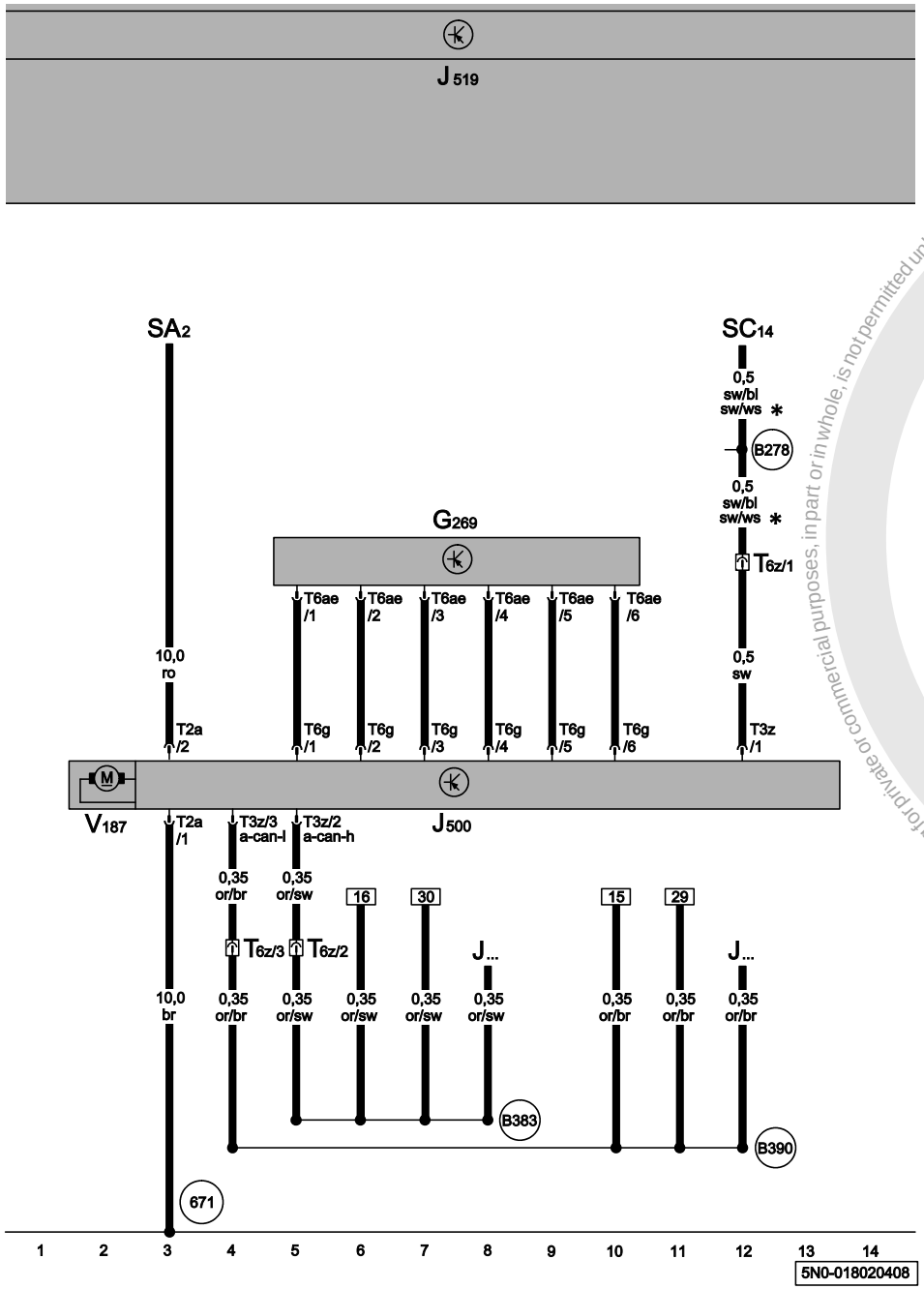
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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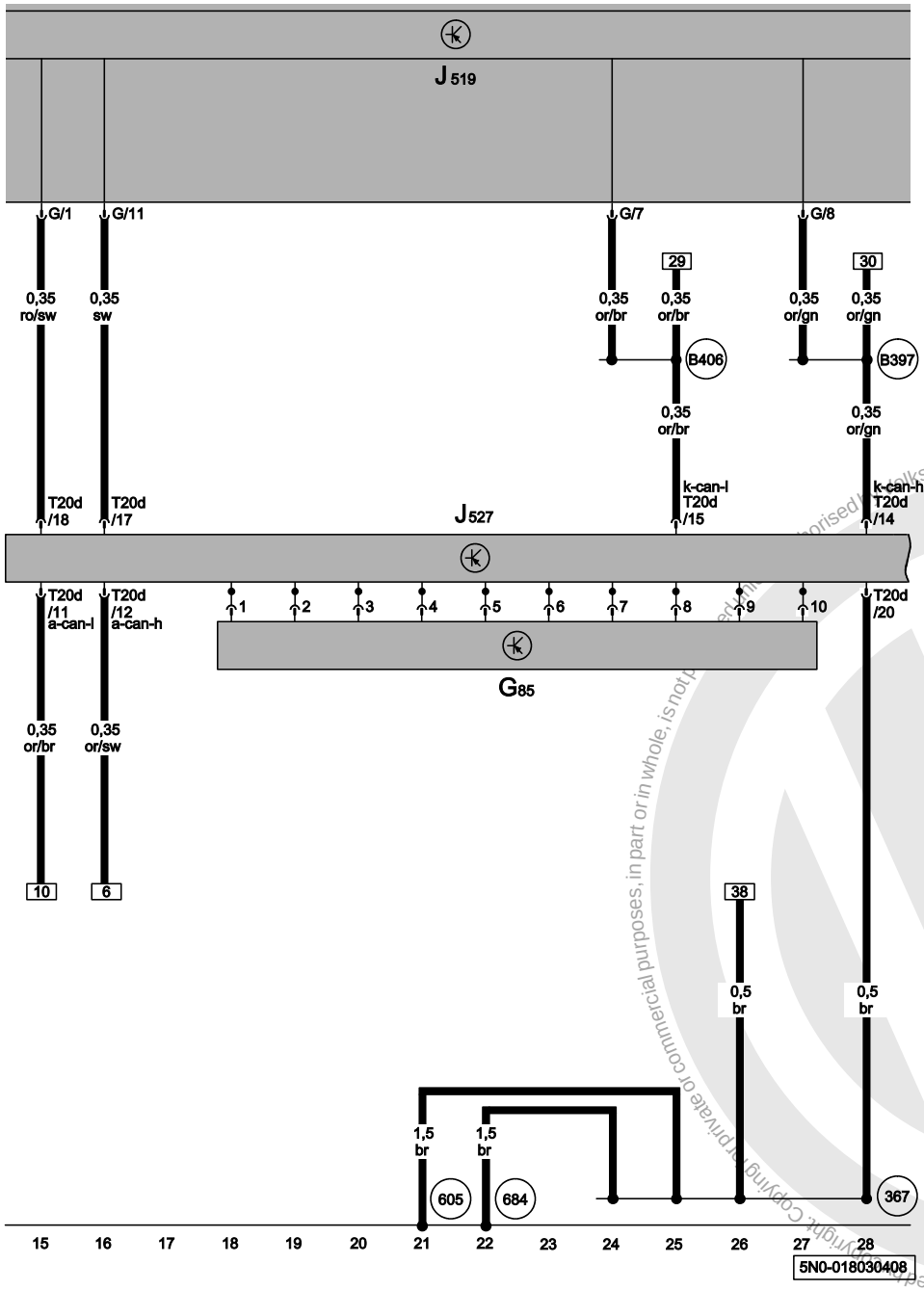


Steering moment sender, electromechanical power steering motor, fuses, power steering control unit

G269	Steering moment sender
J500	Power steering control unit
J519	Onboard supply control unit
J...	Engine control units
SA2	Fuse 2 on fuse holder A
SC14	Fuse 14 on fuse holder C
T2a	2-pin connector, black
T3z	3-pin connector
T6ae	6-pin connector
T6g	6-pin connector
T6z	6-pin connector
V187	Electromechanical power steering motor
671	Earth point 1, on front of left longitudinal member
B278	Connection 2 (15a), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	From May 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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Steering angle sender, steering column electronics control unit

G85 Steering angle sender
J519 Onboard supply control unit
J527 Steering column electronics control unit
T20d 20-pin connector, black

(367) Earth connection 2, in main wiring harness

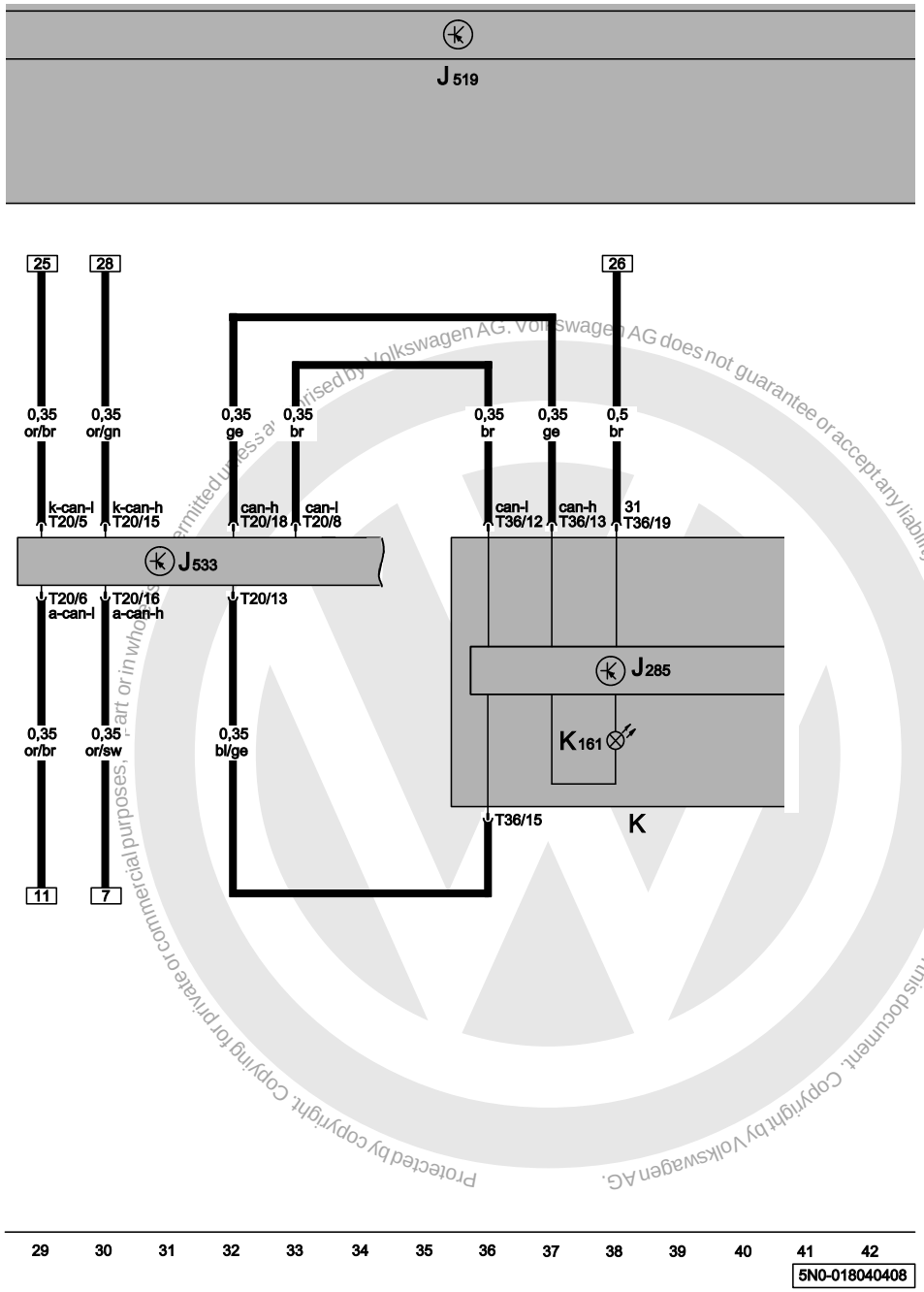
(605) Earth point, on top of steering column

(684) Earth point, on front of left side member

(B397) Connection 1 (convenience CAN bus, high), in main wiring harness

(B406) Connection 1 (convenience CAN bus, low), in main wiring harness

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Data bus diagnosis interface, warning lamp for electromechanical power steering, dash panel insert

J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnosis interface
K	Dash panel insert
K161	Electromechanical power steering warning lamp
T20	20-pin connector, red
T36	36-pin connector

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Climatic

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

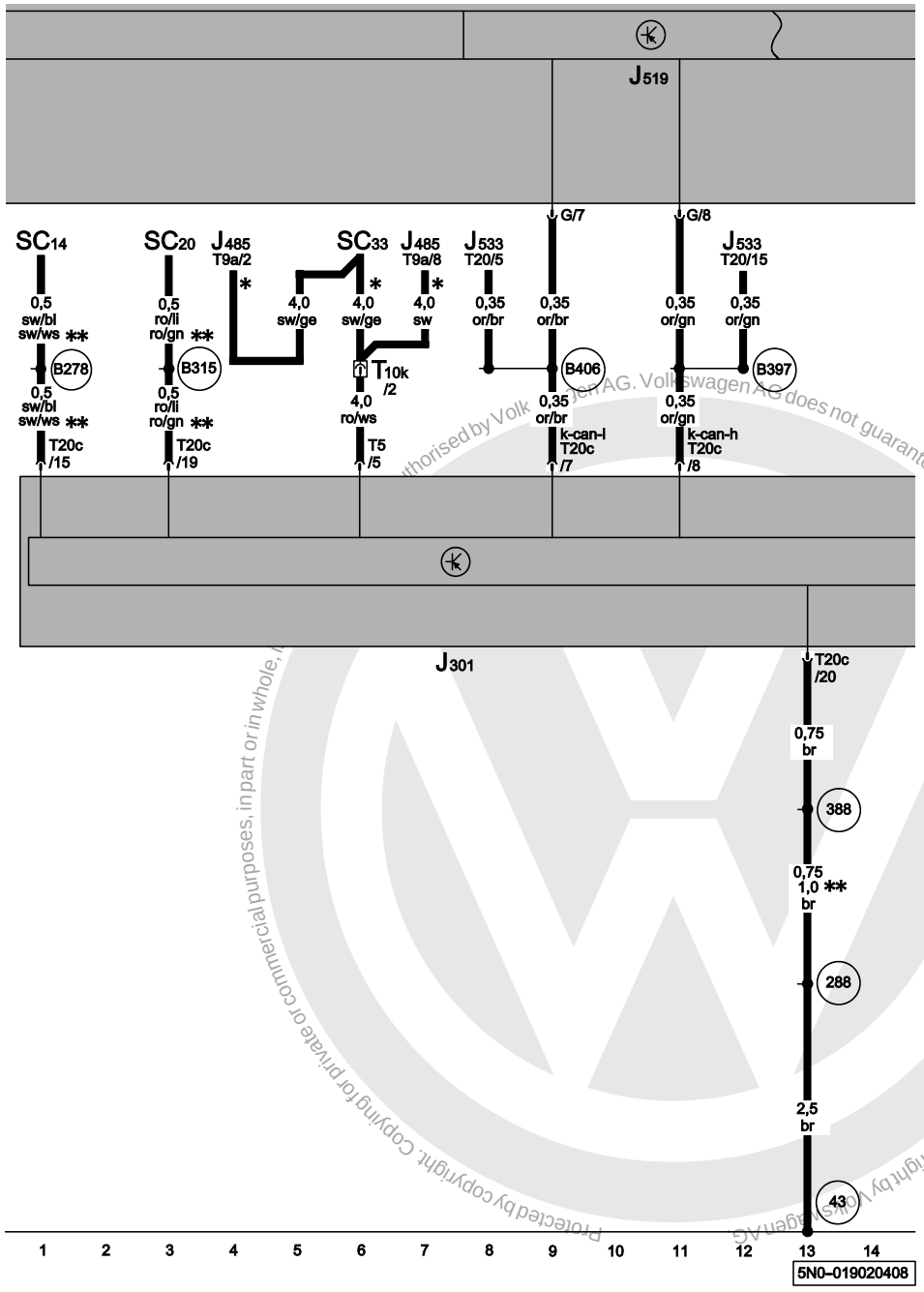
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- Fault Finding Programs

⇒ Guided Fault Finding

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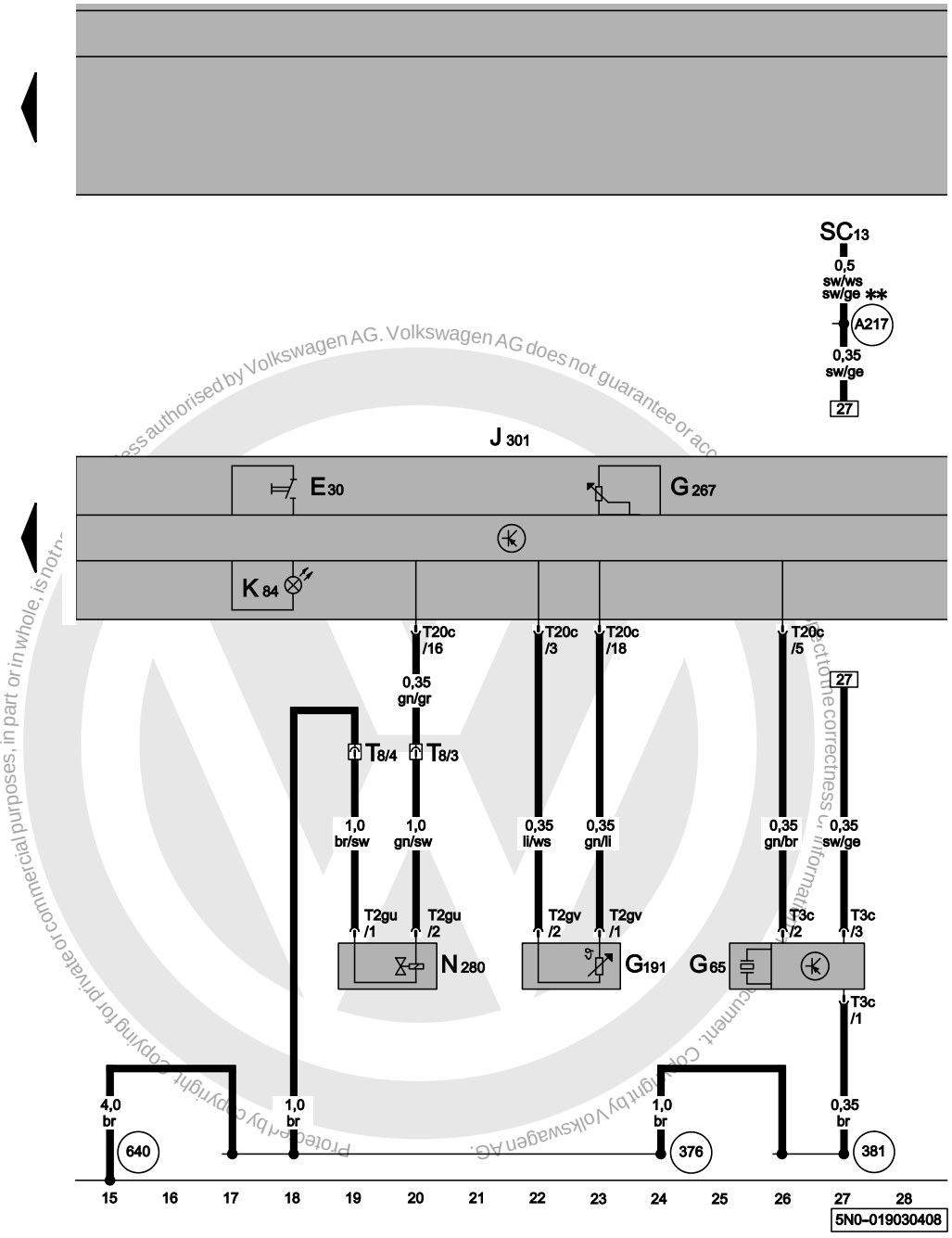


ws = white
sw = black
ro = red
br = brown
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bl = blue
gr = grey
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Fuses, air conditioning system control unit

J301	Air conditioning system control unit
J485	Auxiliary heater operation relay
J519	Onboard supply control unit
J533	Data bus diagnostic interface
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC33	Fuse 33 on fuse holder C
T5	5-pin connector, black
T9a	9-pin connector, black
T10k	10-pin connector, black
T20	20-pin connector, red
T20c	20-pin connector, black
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 23, in main wiring harness
B278	Connection 2 (15a), in main wiring harness
B315	Connection 2 (15a), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Depends on equipment
**	Gradual introduction in model year 2008

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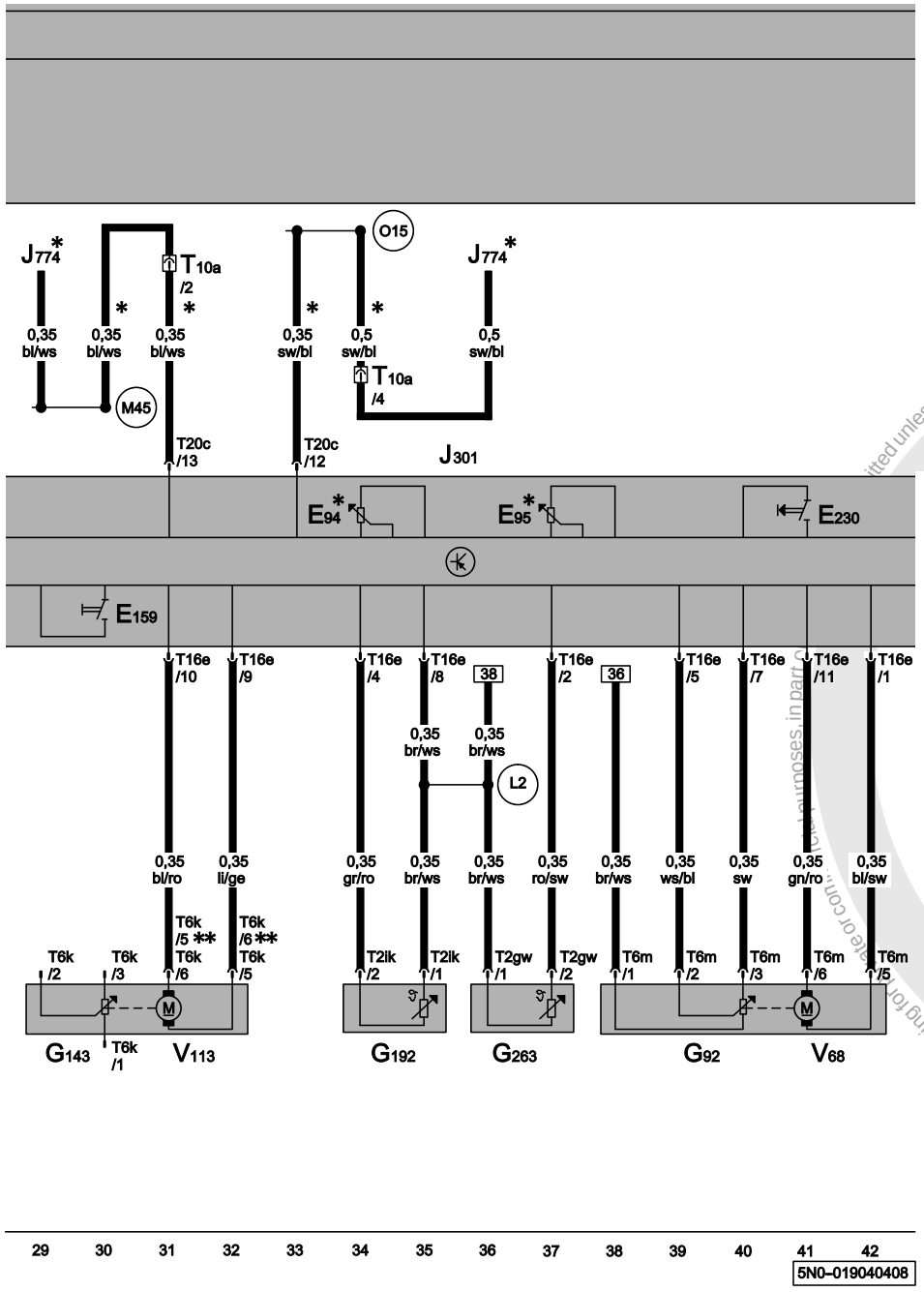


Centre vent temperature sender, high pressure sender, air conditioner compressor regulating valve, air conditioning system control unit

E30	Air conditioning system switch
G65	High-pressure sender
G191	Centre vent temperature sender
G267	Potentiometer for temperature selection rotary knob
J301	Air conditioning system control unit
K84	Air conditioning system warning lamp
SC13	Fuse 13 on fuse holder C
N280	Air conditioner compressor regulating valve
T2gu	2-pin connector, black
T2gv	2-pin connector, black
T3c	3-pin connector, black
T8	8-pin connector, black
T20c	20-pin connector, black
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
A217	Positive connection 8 (15a) in dash panel wiring harness
*	Gradual introduction in model year 2008

ws	=	white
sw	=	black
ro	=	red
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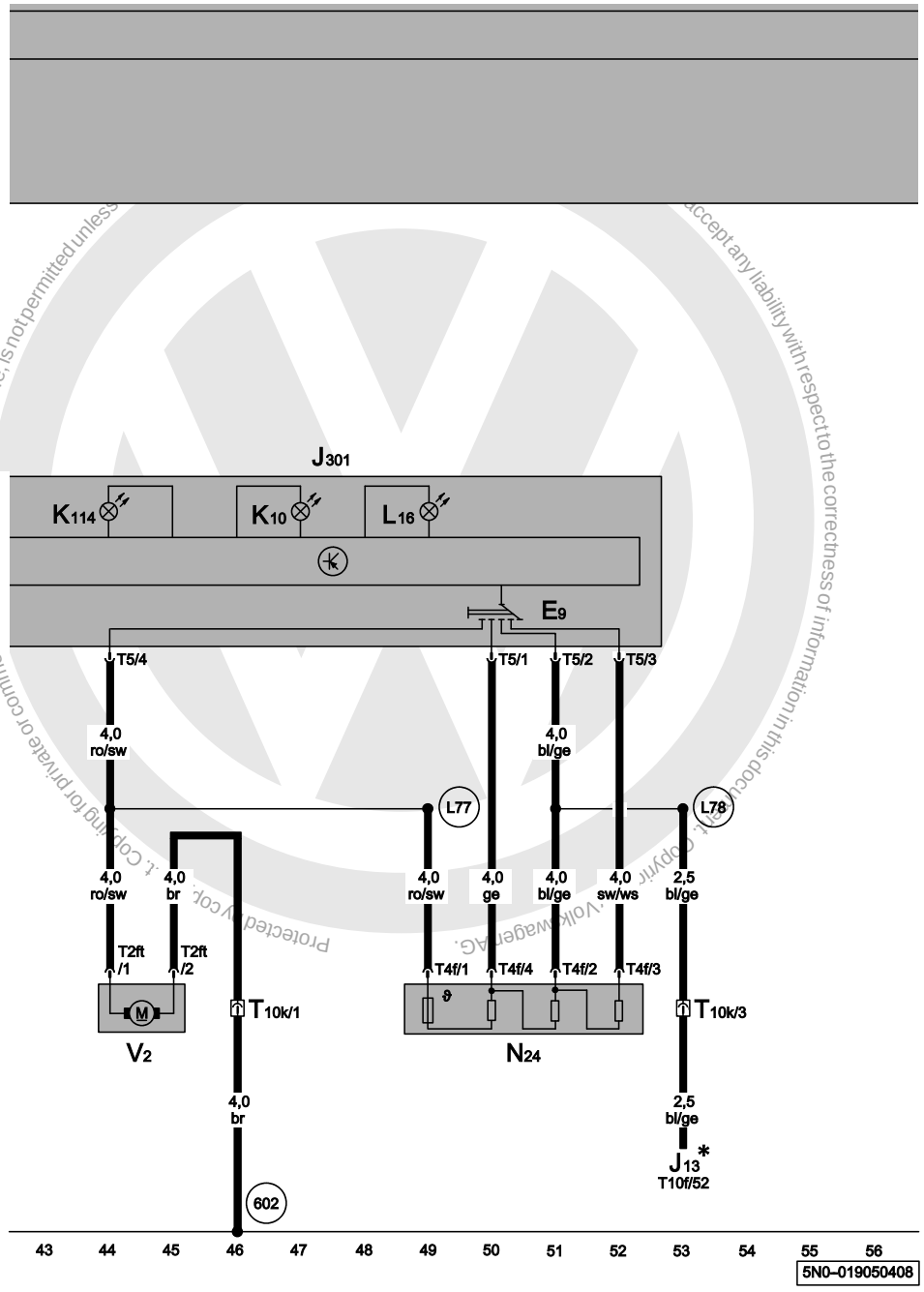


Footwell vent and evaporator temperature sender, regulator for heater seats, temperature flap and recirculated air flap servomotors, air conditioning system control unit

E94	Heated driver seat regulator
E95	Heated front passenger seat regulator
E159	Fresh air and air recirculation flap switch
E230	Heated rear window button
G92	Potentiometer for temperature flap control motor
G143	Potentiometer for air recirculation flap control motor
G192	Footwell vent temperature sender
G263	Evaporator output temperature sender
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2gw	2-pin connector, black
T2ik	2-pin connector, black
T6k	6-pin connector, blue
T6m	6-pin connector, blue
T10a	10-pin connector, black
T16e	16-pin connector, blue
T20c	20-pin connector, black
V68	Temperature flap control motor
V113	Air recirculation flap control motor
L2	Connection in air conditioning system wiring harness
M45	Connection 5, in driver seat wiring harness
O15	Connection 4, in seat heating wiring harness
*	Depends on equipment
**	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fresh air blower, fresh air blower switch, air conditioning system control unit

E9	Fresh air blower switch
J13	Fresh air blower relay
J301	Air conditioning system control unit
K10	Heated rear window warning lamp
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
T2ft	2-pin connector, black
T4f	4-pin connector, black
T5	5-pin connector, black
T10f	10-pin connector, black
T10k	10-pin connector, black
V2	Fresh air blower
602	Earth point, in front left footwell
L77	Connection, in fresh air blower wiring harness
L78	Connection, in fresh air blower wiring harness
*	Only models with auxiliary heater

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Climatronic

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

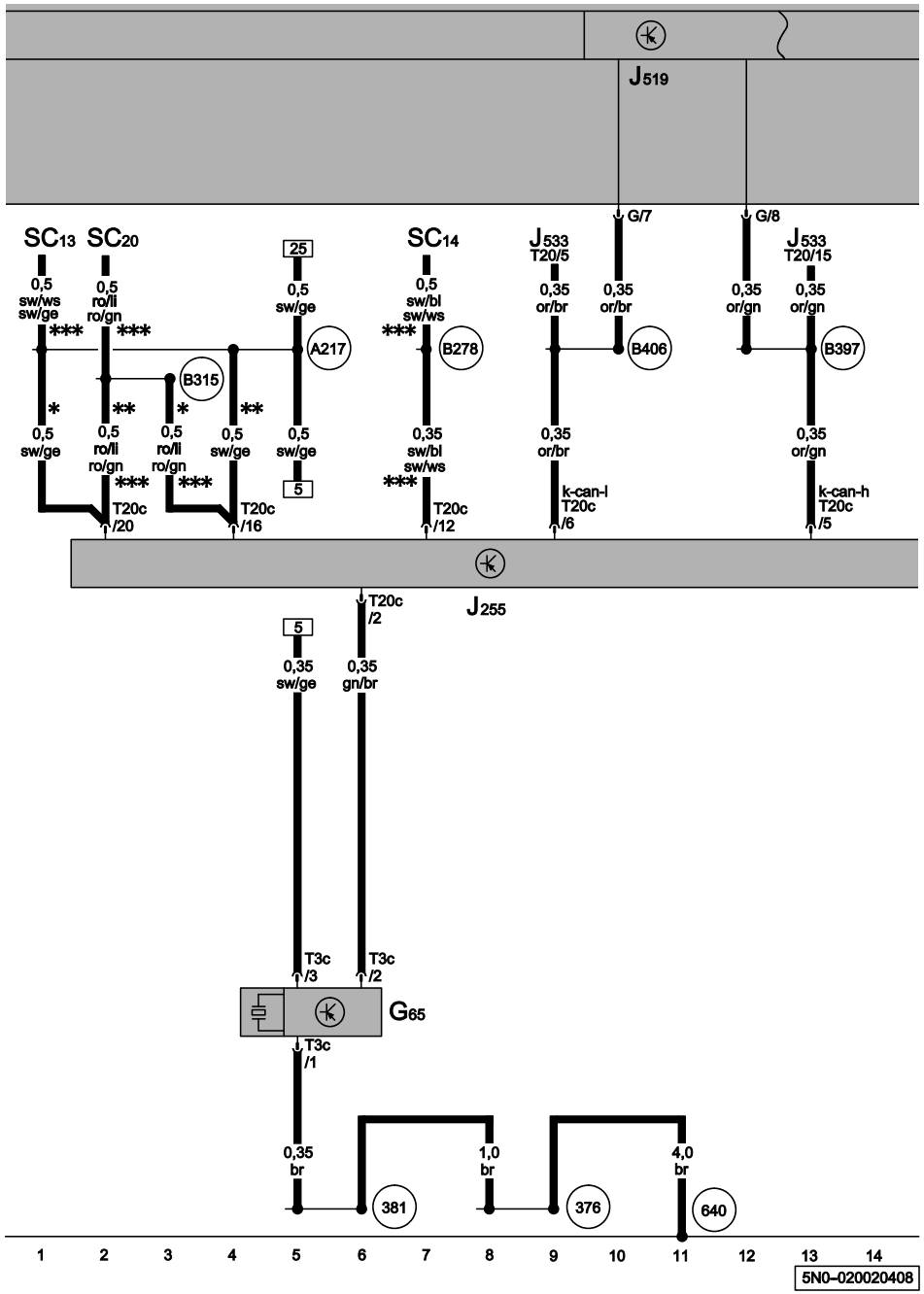
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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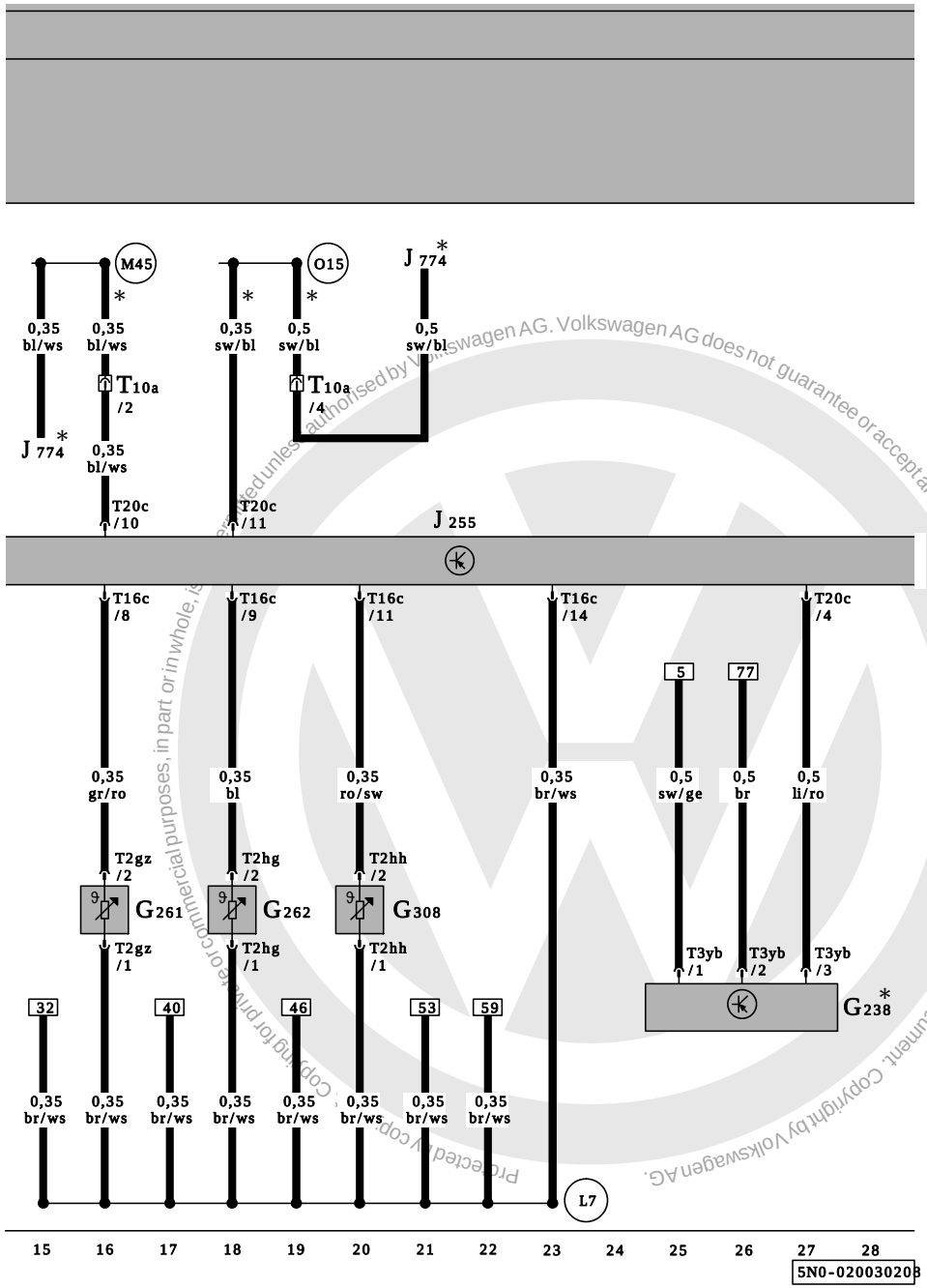


High pressure sender, fuses, Climatronic control unit

G65	High-pressure sender
J255	Climatronic control unit
J519	Onboard supply control unit
J533	Data bus diagnosis interface
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
T3c	3-pin connector, black
T20	20-pin connector, red
T20c	20-pin connector, black
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, on left in engine compartment
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Connection 2 (15a), in main wiring harness
B315	Connection 1 (30a), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no auxiliary heater
**	Only models with auxiliary heater
***	Gradual introduction in model year 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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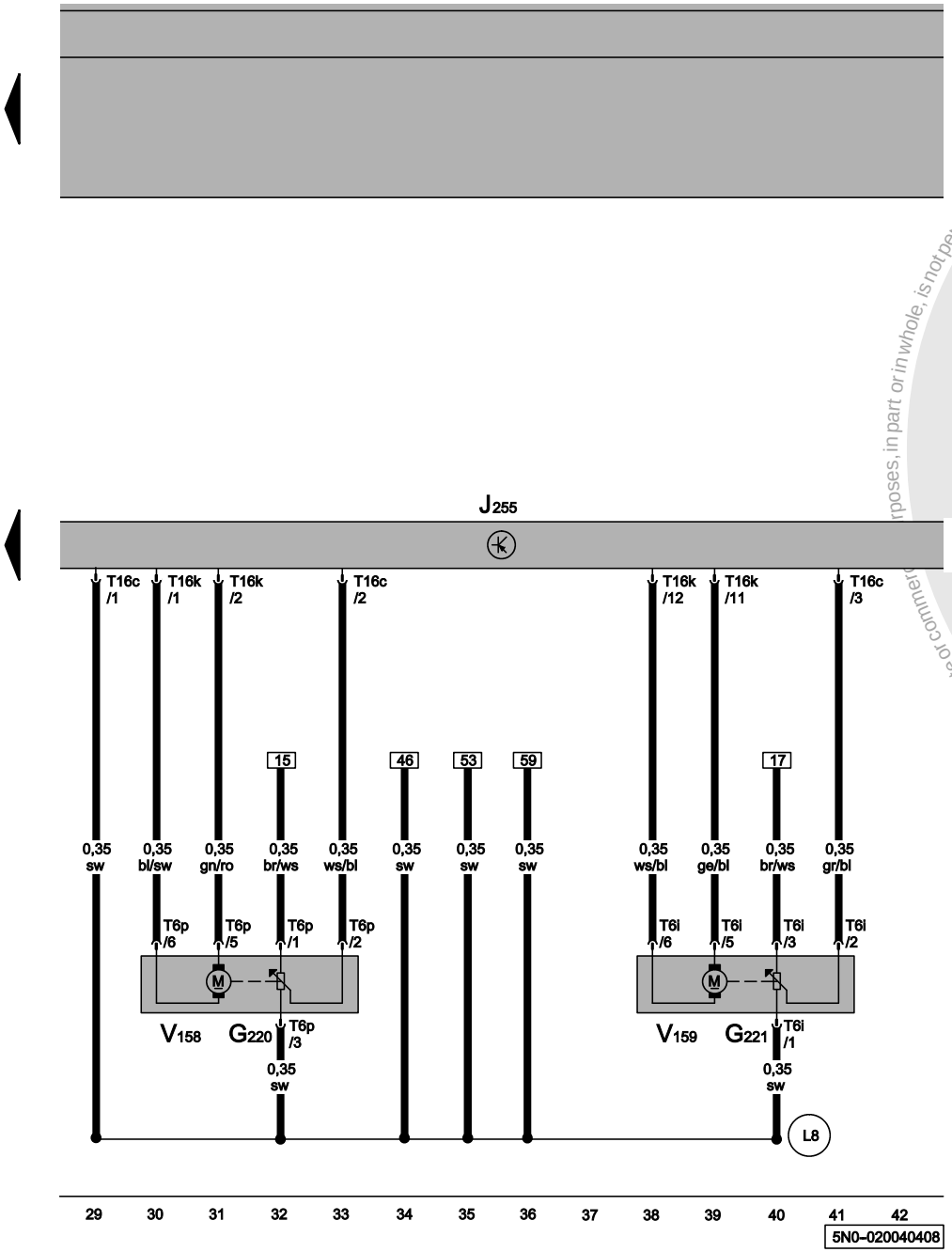


Left and right footwell vent temperature sender, air quality sensor, Climatronic control unit, evaporator temperature sensor

G238	Air quality sensor
G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G308	Evaporator temperature sensor
J255	Climatronic control unit
J774	Control unit for heated front seats
T2gz	2-pin connector, black
T2hg	2-pin connector, black
T2hh	2-pin connector, black
T3yb	3-pin connector, black
T10a	10-pin connector, black
T16c	16-pin connector, black
T20c	20-pin connector, black
L7	Connection 3, in evaporator housing unit wiring harness
M45	Connection 5, in driver seat wiring harness
O15	Connection 4, in seat heating wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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Climatronic control unit, potentiometer for left and right temperature flap control motor

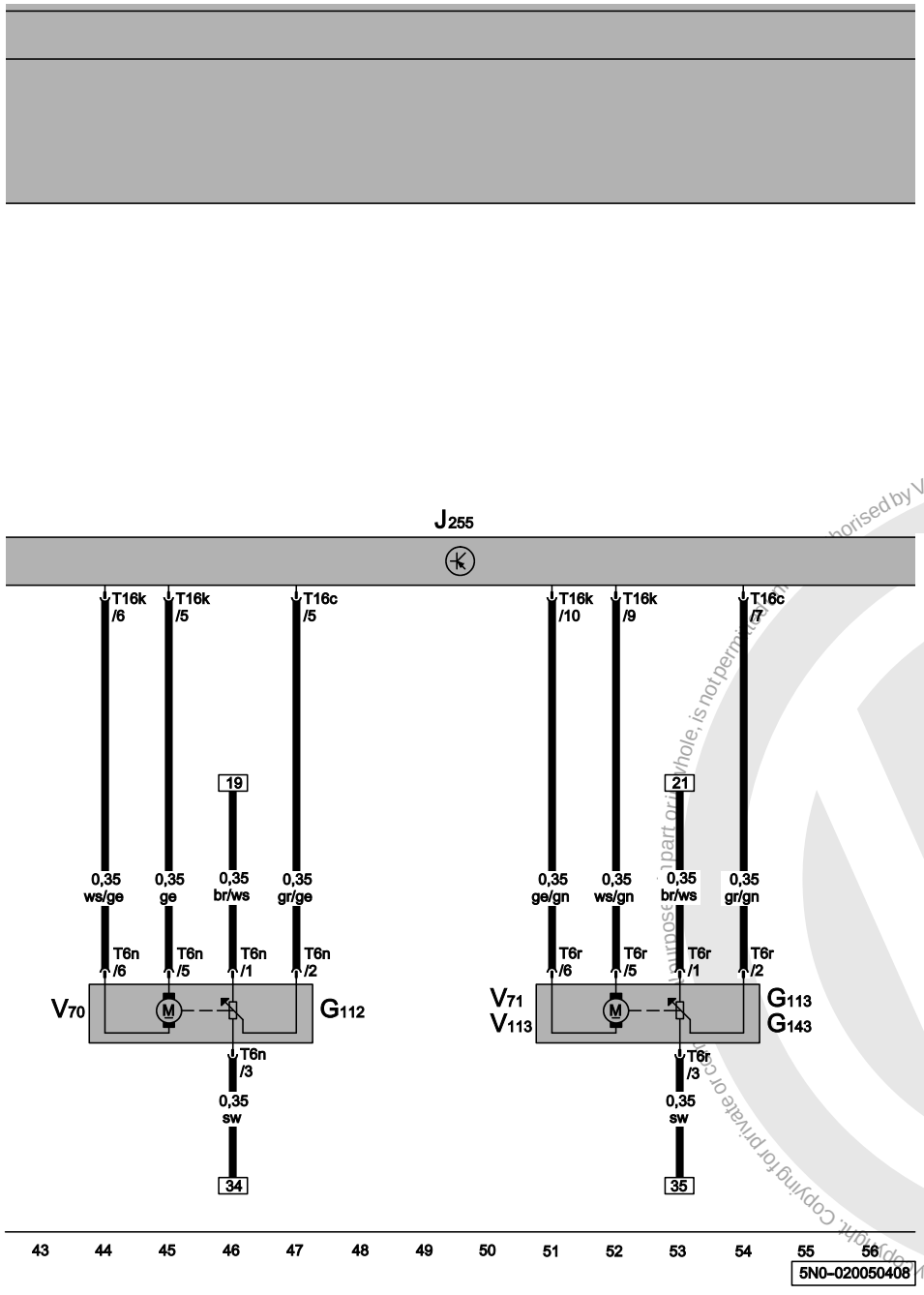
G220	Potentiometer for left temperature flap control motor
G221	Potentiometer for right temperature flap control motor
J255	Climatronic control unit
T6i	6-pin connector, blue
T6p	6-pin connector, blue
T16c	16-pin connector, black
T16k	16-pin connector, brown
V158	Left temperature flap control motor
V159	Right temperature flap control motor
L8	Connection 4, in evaporator housing unit wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
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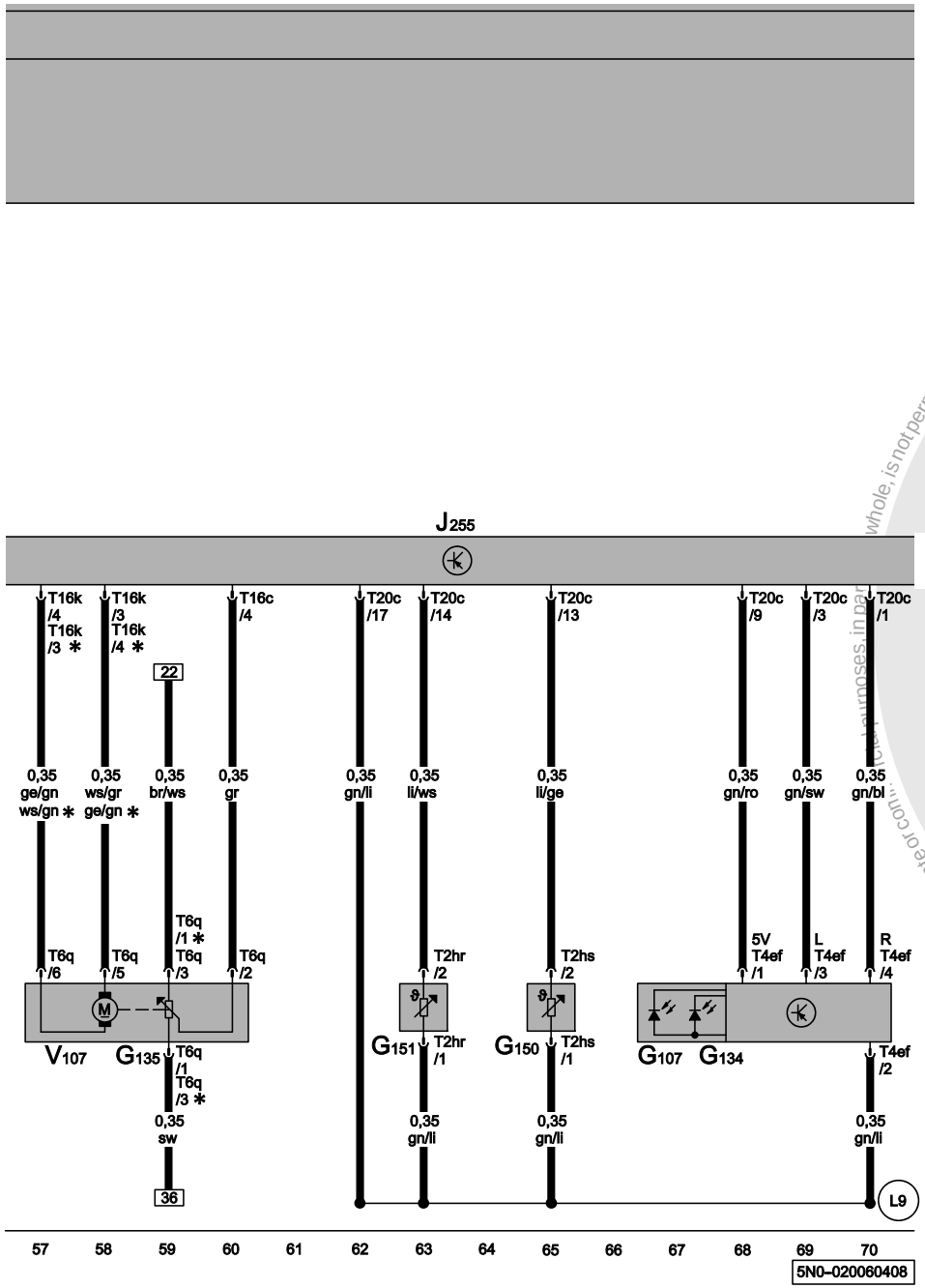
Potentiometer for air flow flap control motor, air flow flap and central flap, air flow flap control motor, air flow flap and central flap, Climatronic control unit

G112	Potentiometer for centre flap servomotor
G113	Potentiometer for air flow flap control motor
G143	Potentiometer for air recirculation flap control motor
J255	Climatronic control unit
T6n	6-pin connector, blue
T6r	6-pin connector, blue
T16c	16-pin connector, black
T16k	16-pin connector, brown
V70	Centre flap control motor
V71	Air flow flap control motor
V113	Air recirculation flap control motor



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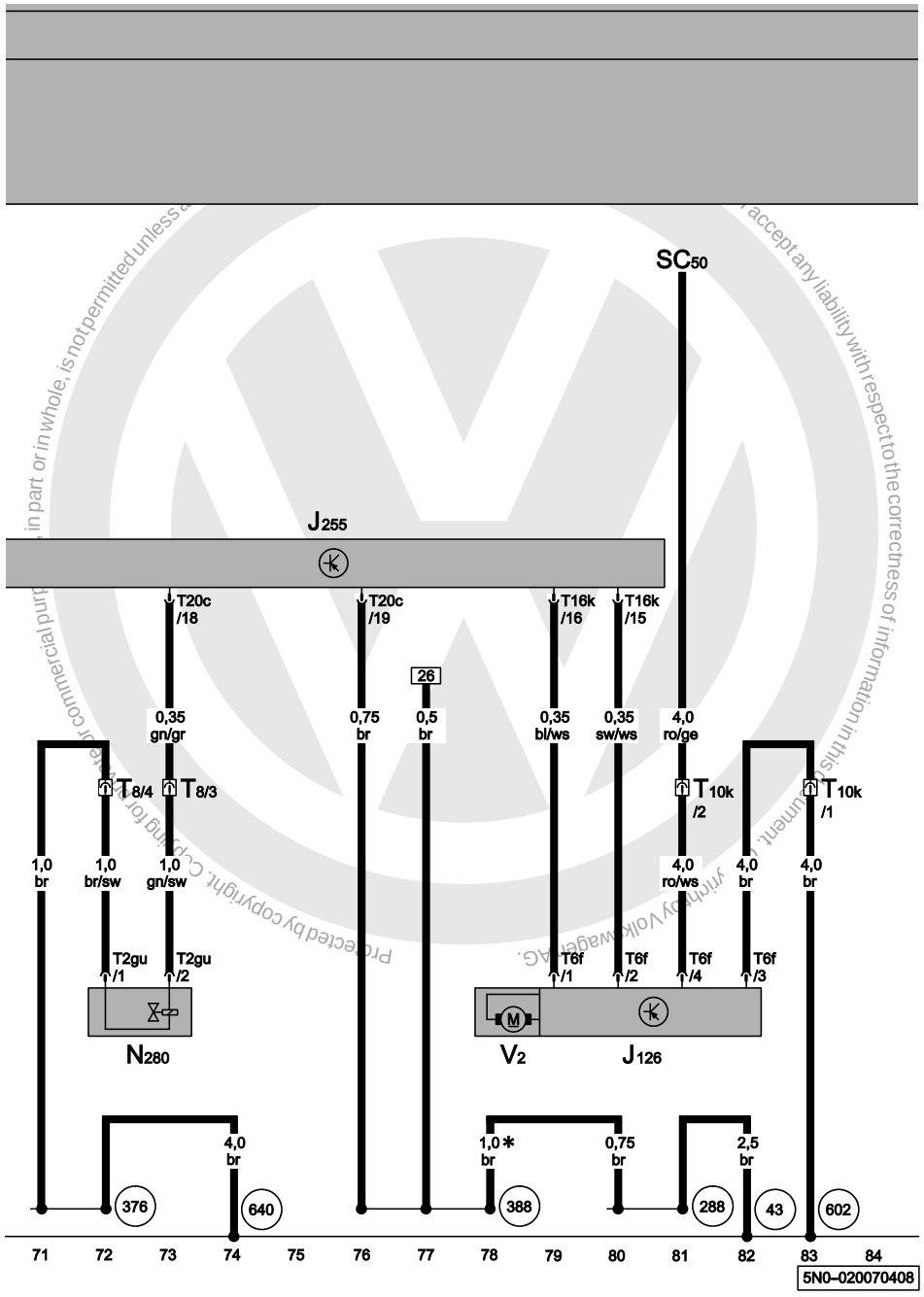


Vent temperature sender, sunlight penetration photosensor, defroster flap control motor, Climatronic control unit

G107	Sunlight penetration photosensor
G134	Sunlight penetration photosensor 2
G135	Potentiometer for defroster flap control motor
G150	Left vent temperature sender
G151	Right vent temperature sender
J255	Climatronic control unit
T2hr	2-pin connector, black
T2hs	2-pin connector, black
T4ef	4-pin connector
T6q	6-pin connector, blue
T16c	16-pin connector, black
T16k	16-pin connector, brown
T20c	20-pin connector, black
V107	Defroster flap control motor
L9	Connection 1, in air conditioning system wiring harness
*	Only right-hand drive models

ws	=	white
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ro	=	red
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Fresh air blower, air conditioner compressor regulating valve, Climatronic control unit, fresh air blower control unit

J126	Fresh air blower control unit
J255	Climatronic control unit
N280	Air conditioner compressor regulating valve
SC50	Fuse 50 on fuse holder C
T2gu	2-pin connector, black
T6f	6-pin connector, brown
T8	8-pin connector, black
T10k	10-pin connector, black
T16k	16-pin connector, brown
T20c	20-pin connector, black
V2	Fresh air blower
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
376	Earth connection 11, in main wiring harness
388	Earth connection 16, in main wiring harness
602	Earth point, in front left footwell
640	Earth point 2, on left in engine compartment
*	From May 2008

ws	=	white
sw	=	black
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Auxiliary air heater (PTC)

From November 2007

Notes:

For information concerning

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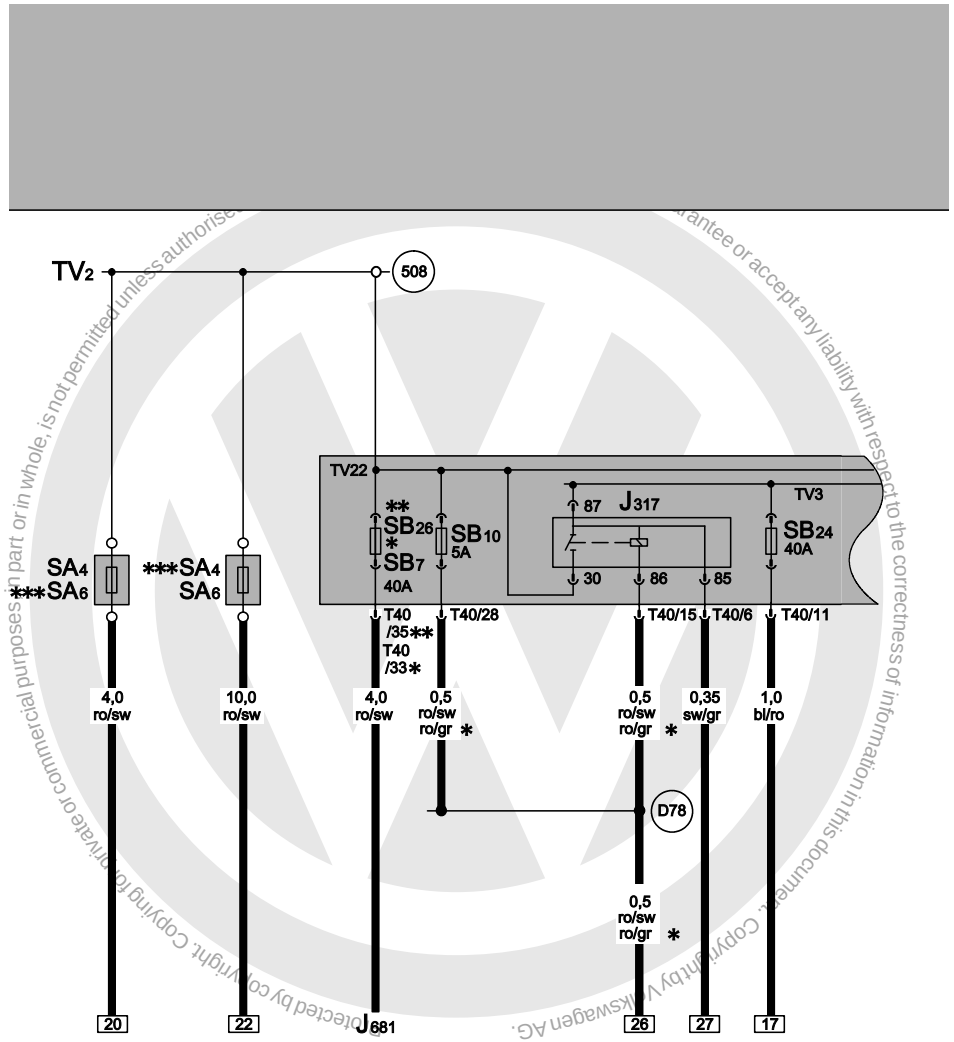
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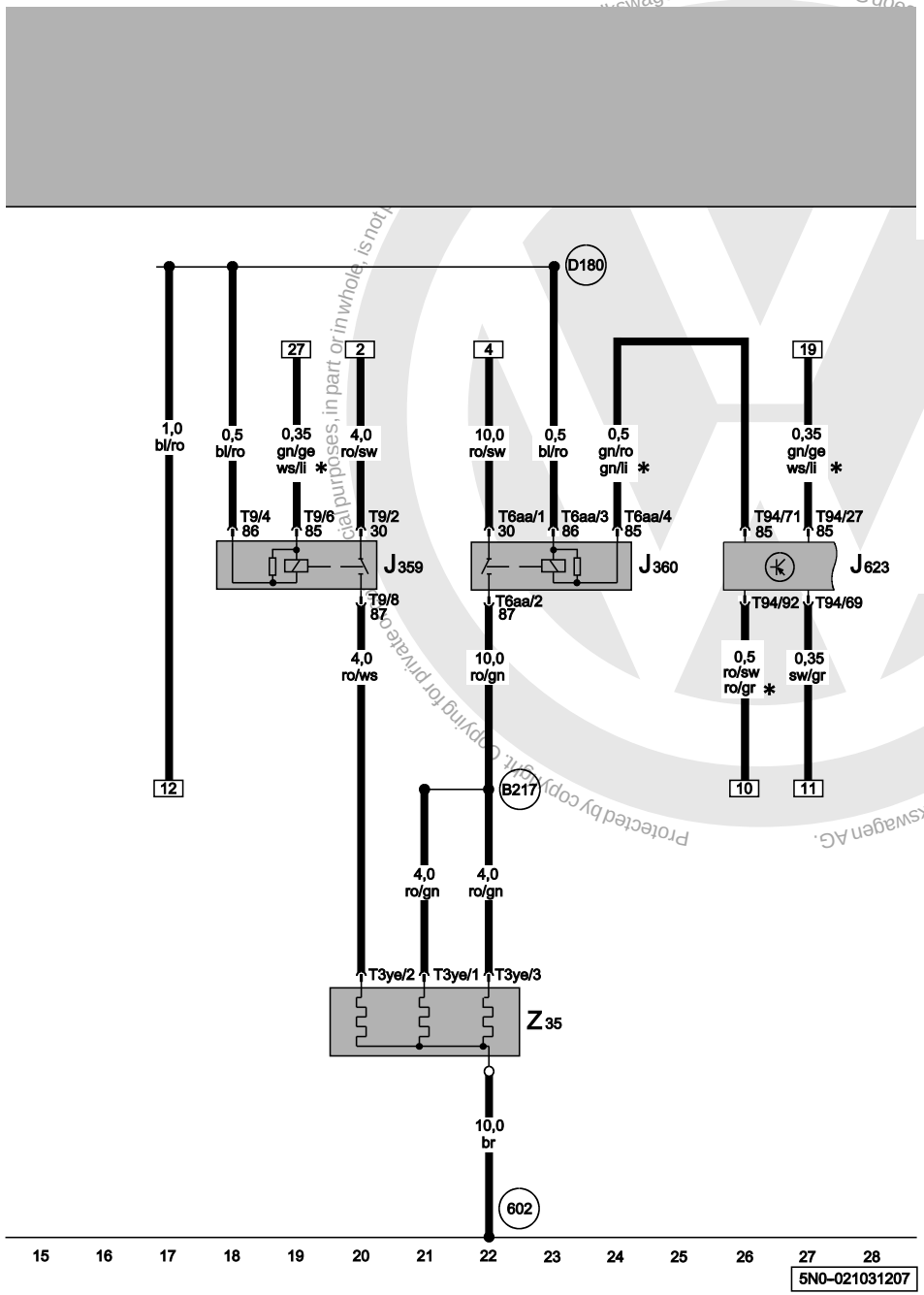


Motronic current supply relay 2, fuses

J317	Terminal 30 voltage supply relay
J681	Relay 2 for voltage supply of terminal 15
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SB7	Fuse 7 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB24	Fuse 24 on fuse holder B
SB26	Fuse 26 on fuse holder B
T40	40-pin connector
TV2	Terminal 30 wiring junction
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
D78	Positive connection 1 (30a), in engine compartment wiring harness
508	Screw connection (30) on E-box
*	From May 2008
**	Up to May 2008
***	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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Auxiliary air heater element, heater element relay

J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
T3ye	3-pin connector, black
T6aa	6-pin connector, brown
T9	9-pin connector, yellow
T94	94-pin connector
Z35	Auxiliary air heater element
602	Earth point, in front left footwell
B217	Connection (auxiliary heater), in interior wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	Gradual introduction in model year 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

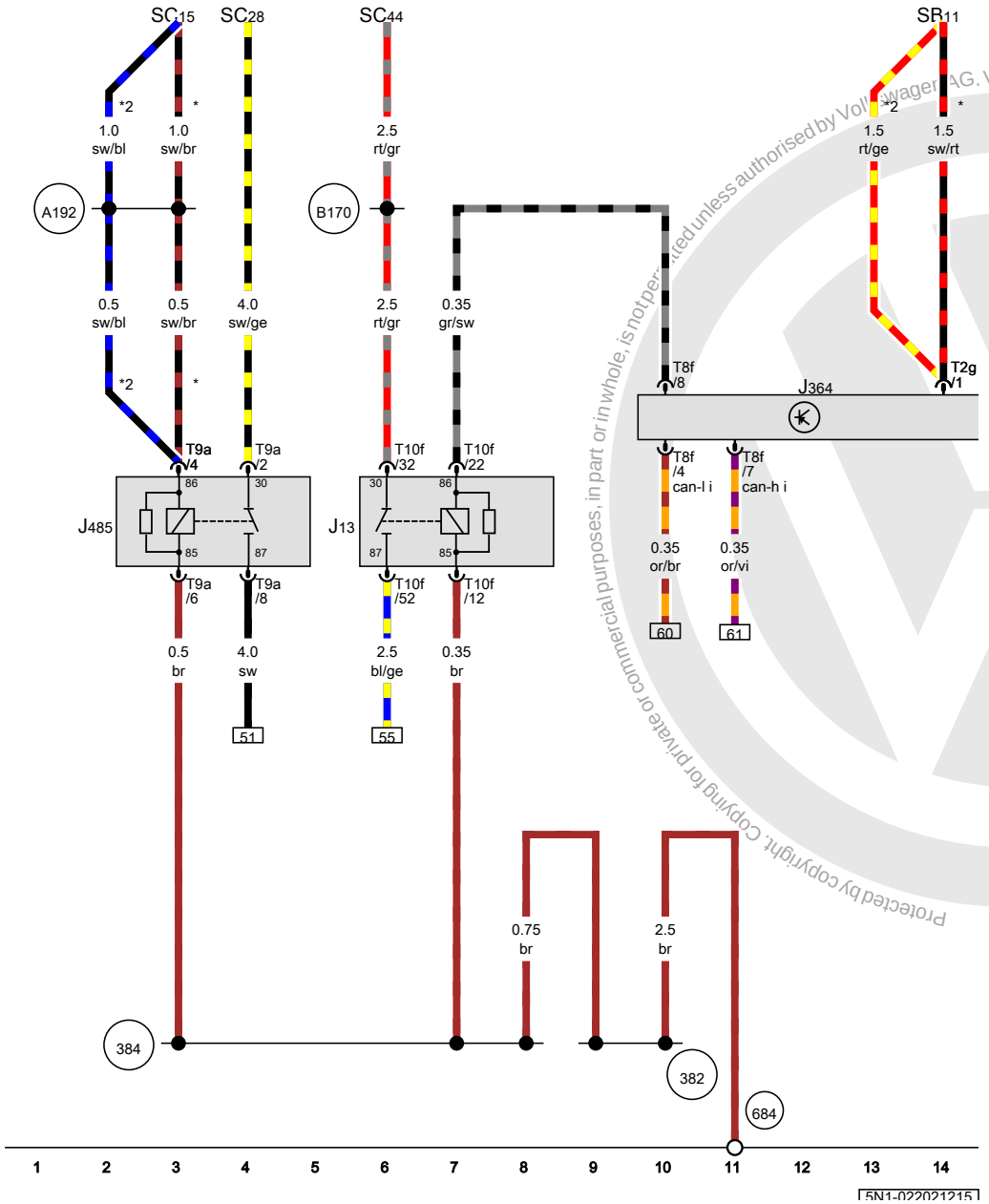
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Auxiliary coolant heater , (9M5),(9M9)

From November 2007

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Fresh air blower relay, Auxiliary heater control unit, Auxiliary heater operation relay



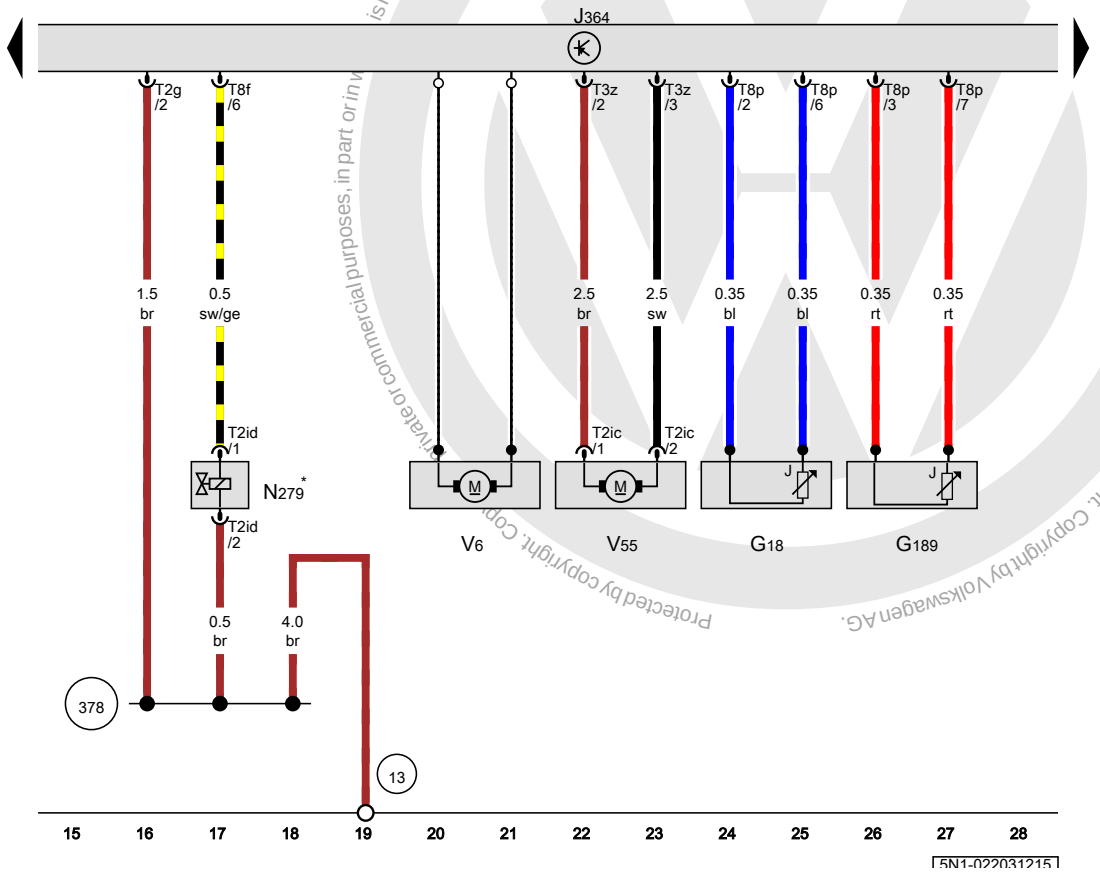
J13	Fresh air blower relay
J364	Auxiliary heater control unit
J485	Auxiliary heater operation relay
SB11	Fuse 11 on fuse holder B
SC15	Fuse 15 on fuse holder C
SC28	Fuse 28 on fuse holder C
SC44	Fuse 44 on fuse holder C
T2g	2-pin connector
T8f	8-pin connector
T9a	9-pin connector
T10f	10-pin connector
382	Earth connection 17, in main wiring harness
384	Earth connection 19, in main wiring harness
684	Earth point on front of left side member
A192	Positive connection 3 (15a) in dash panel wiring harness
B170	Positive connection 2 (30), in interior wiring harness
*	From May 2008
*2	Up to May 2008

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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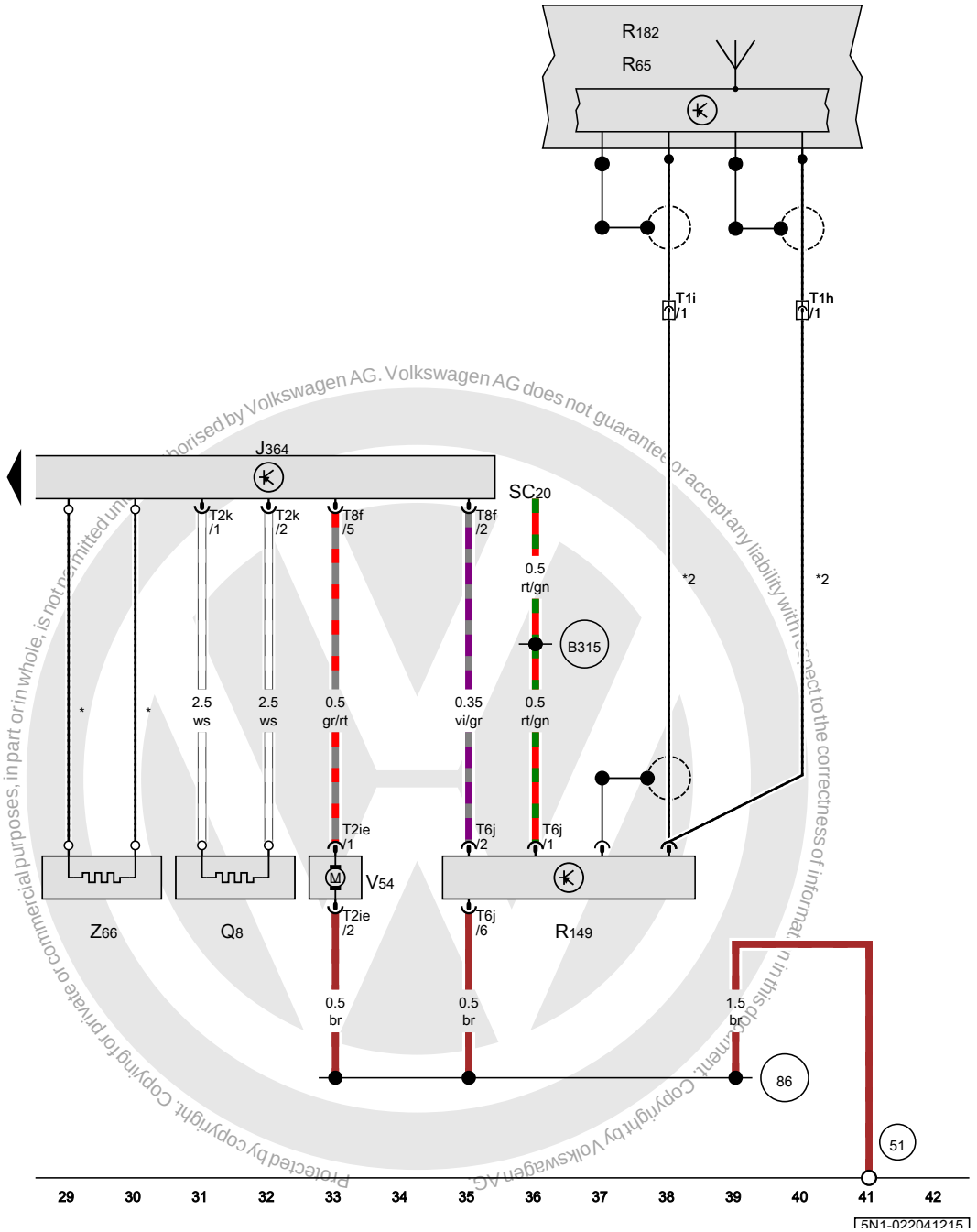
Temperature sensor, Overheating sensor, Auxiliary heater control unit, Heater coolant shut-off valve, Combustion air blower, Circulation pump

G18	Temperature sensor
G189	Overheating sensor
J364	Auxiliary heater control unit
N279	Heater coolant shut-off valve
T2g	2-pin connector
T2ic	2-pin connector
T2id	2-pin connector
T3z	3-pin connector
T8f	8-pin connector
T8p	8-pin connector
V6	Combustion air blower
V55	Circulation pump
13	Earth point, on right in engine compartment
378	Earth connection 13, in main wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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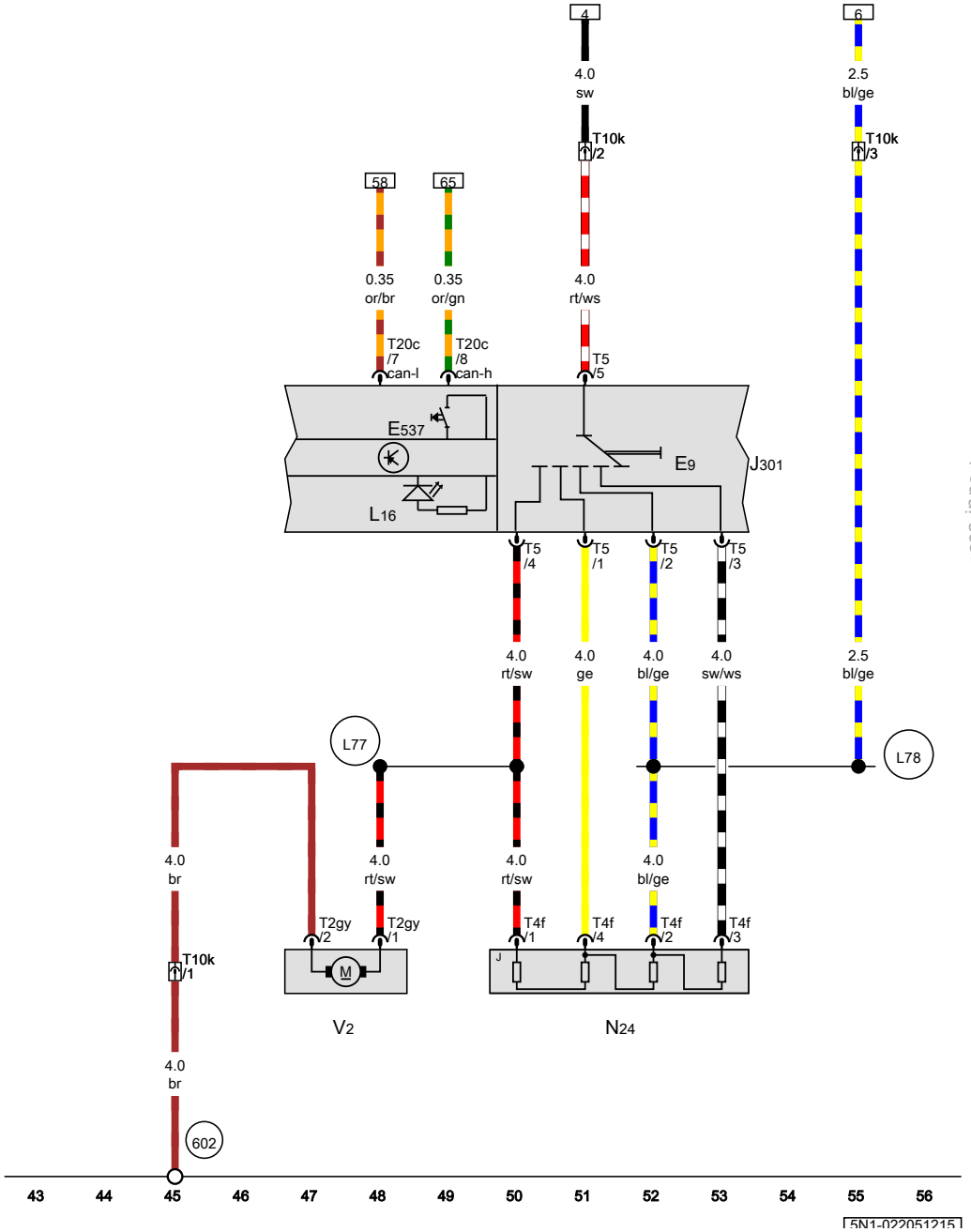


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Auxiliary heater control unit, Glow plug with flame monitor, Telephone aerial, Remote control receiver for auxiliary coolant heater, Auxiliary heater aerial, Metering pump, Fuel pre-heating heater element

J364	Auxiliary heater control unit
Q8	Glow plug with flame monitor
R65	Telephone aerial
R149	Remote control receiver for auxiliary coolant heater
R182	Auxiliary heater aerial
SC20	Fuse 20 on fuse holder C
T1h	Single connector
T1i	Single connector
T2ie	2-pin connector
T2k	2-pin connector
T6j	6-pin connector
T8f	8-pin connector
V54	Metering pump
Z66	Fuel pre-heating heater element
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	Only models with diesel engine
*2	According to equipment

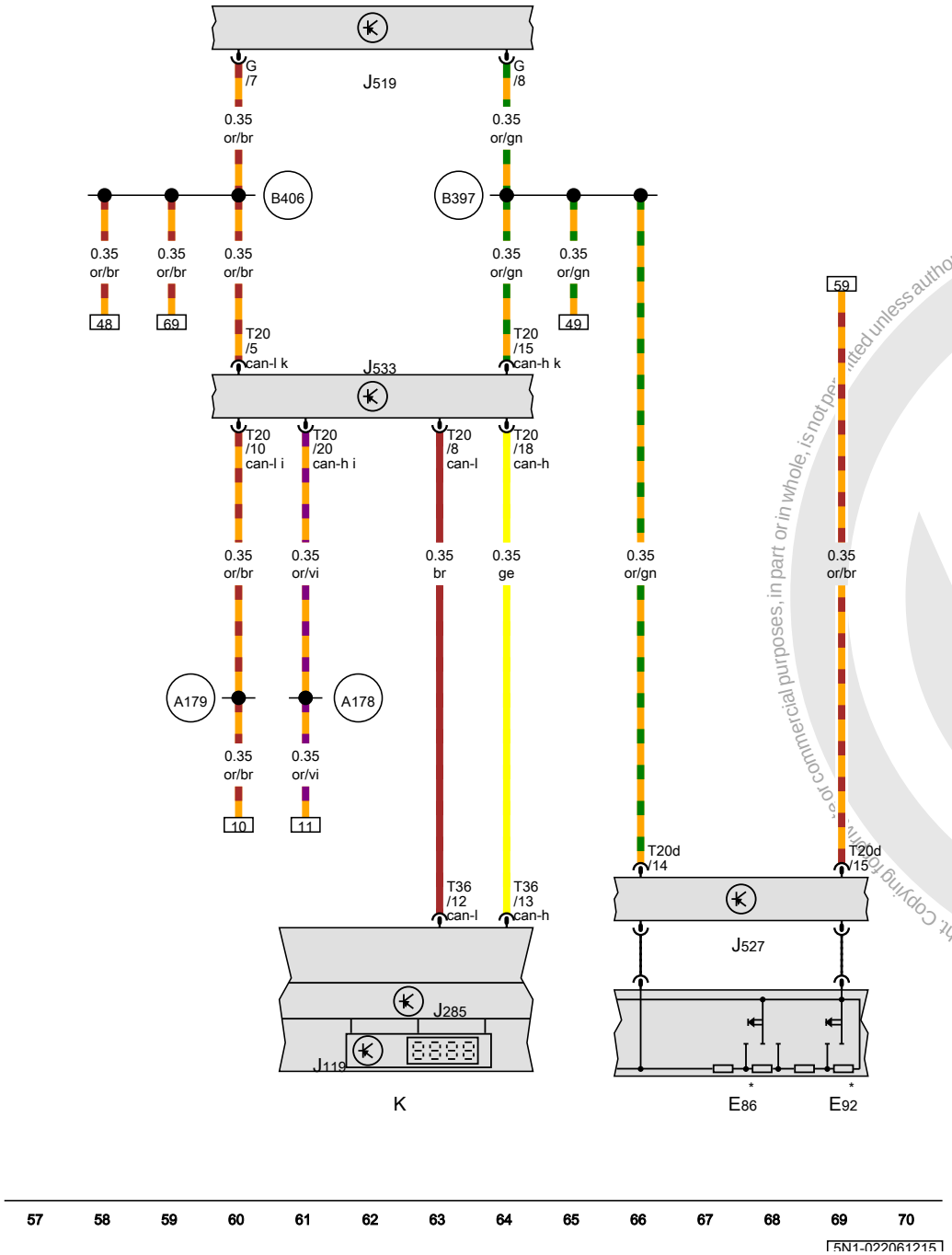


Instant heating button, Air conditioning system control unit, Fresh air blower

E9	Fresh air blower switch
E537	Instant heating button
J301	Air conditioning system control unit
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
T2gy	2-pin connector
T4f	4-pin connector
T5	5-pin connector
T10k	10-pin connector
T20c	20-pin connector
V2	Fresh air blower
602	Earth point, in front left footwell
L77	Connection, in fresh air blower wiring harness
L78	Connection 1, in fresh air blower wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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Multifunction display call-up button, Reset button, Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface, Dash panel insert

E86	Multifunction display call-up button
E92	Reset button
J119	Multifunction indicator
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
K	Dash panel insert
T20	20-pin connector
T20d	20-pin connector
T36	36-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	According to equipment

ws	=	white
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1.4l/110 kW - Motronic, engine code CAVA

From May 2008

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

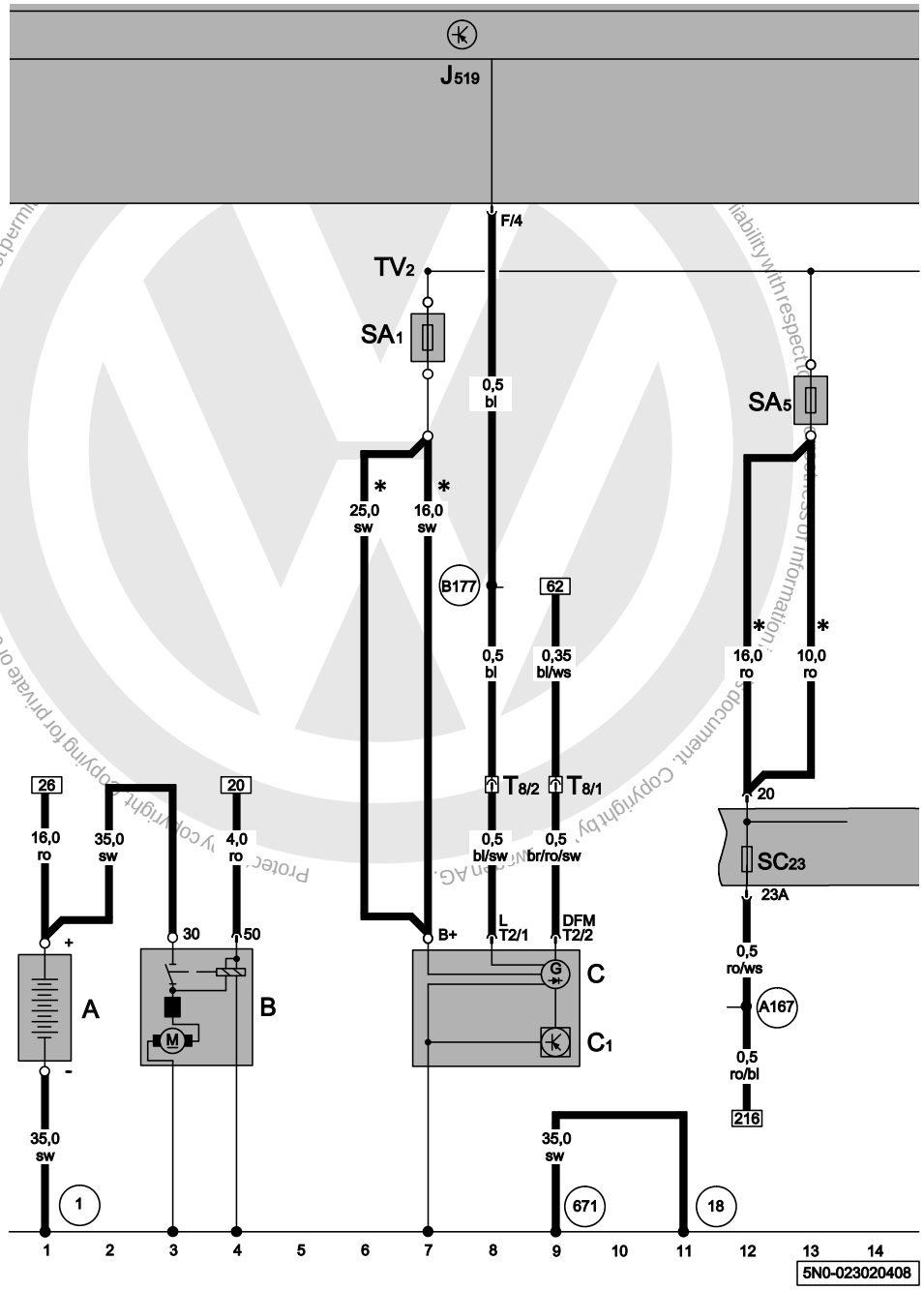
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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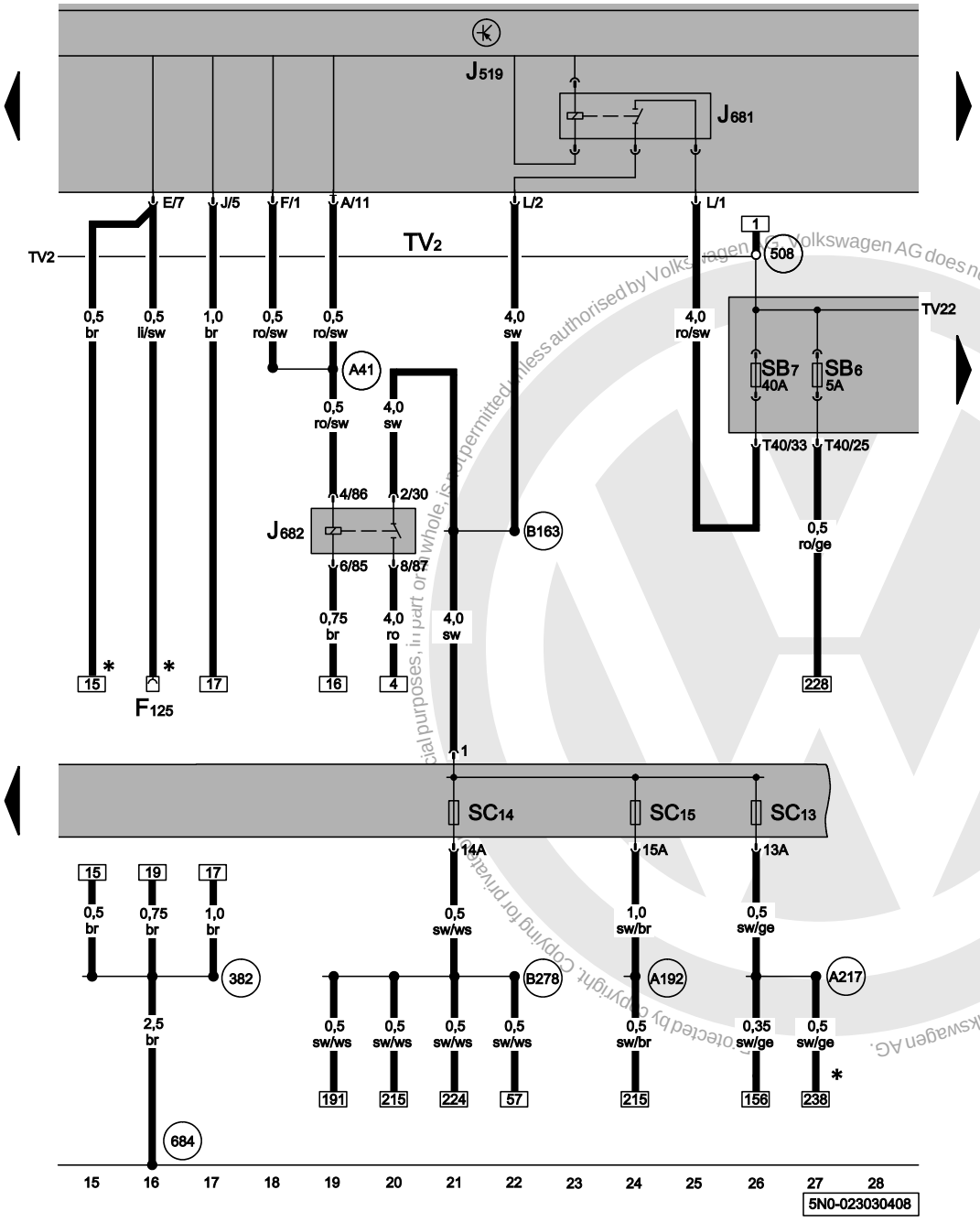


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
SA1	Fuse 1 on fuse holder A
SA5	Fuse 5 on fuse holder A
SC23	Fuse 23 on fuse holder C
T2	2-pin connector
T8	8-pin connector, black, near starter
TV2	Terminal 30 wiring junction
1	Earth strap, battery - body
18	Earth point, on cylinder block
671	Earth point 1, on front of left longitudinal member
A167	Positive connection 3 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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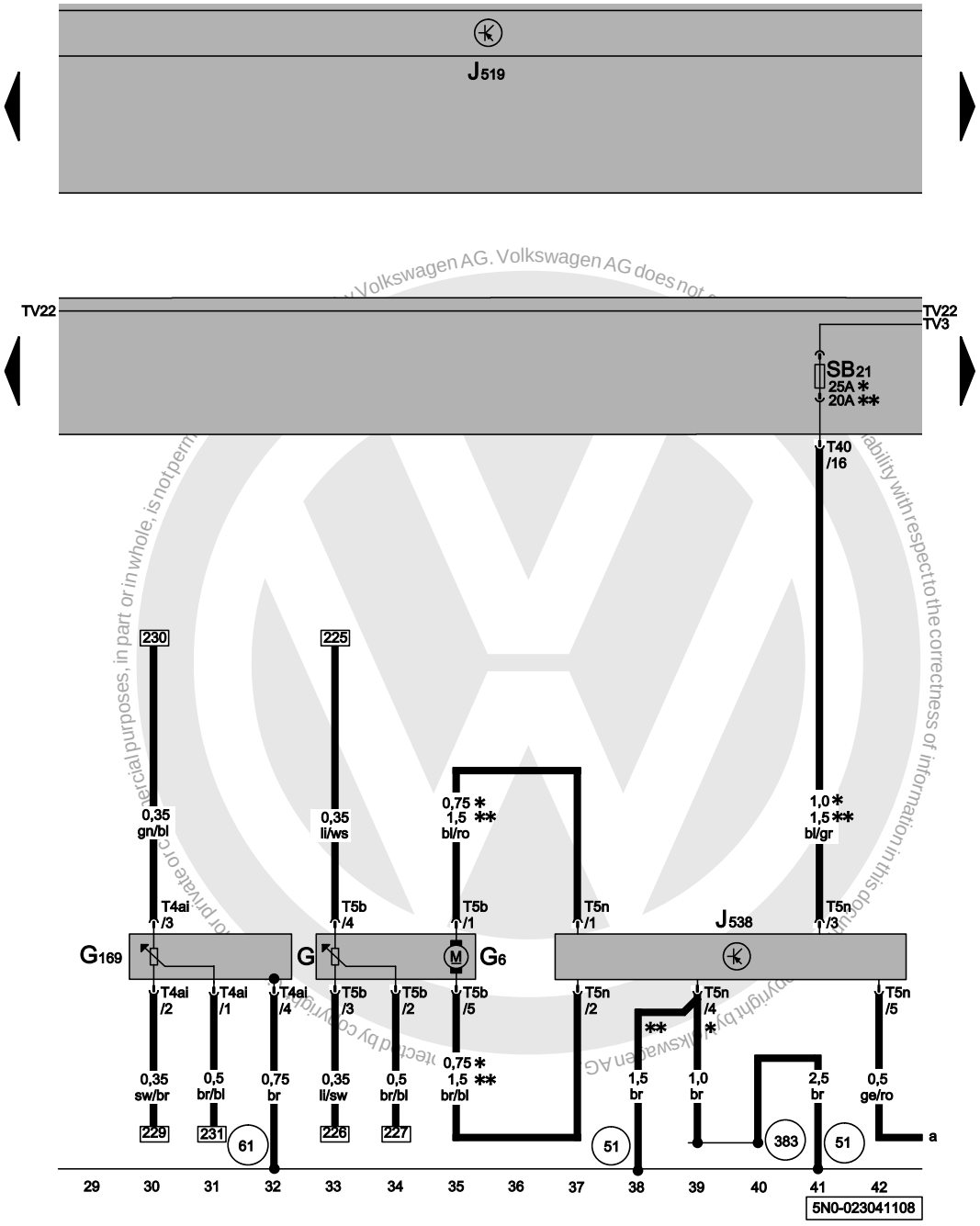


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sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Terminal 50 voltage supply relay, terminal 15 voltage supply relay 2

F125	Multifunction switch
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
T40	40-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
382	Earth connection 17, in main wiring harness
508	Screw connection (30) on E-box
684	Earth point, on front of left side member
A41	Positive connection (50), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Connection 2 (15a), in main wiring harness
*	Depends on equipment

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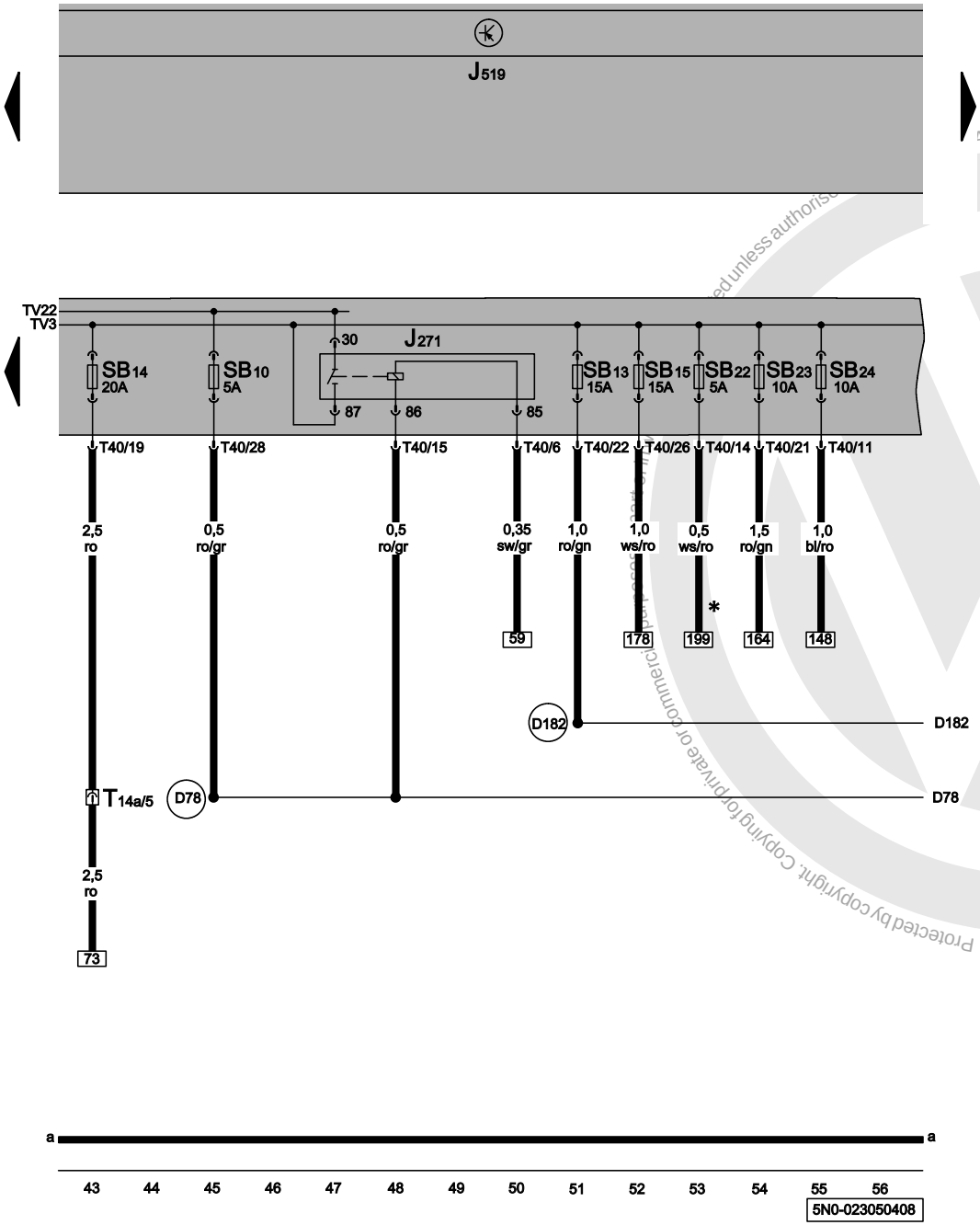


Fuel pump control unit, fuel gauge sender, fuel gauge sender 2, fuel system pressurisation pump

G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J519	Onboard supply control unit
J538	Fuel pump control unit, near fuel gauge sender
SB21	Fuse 21 on fuse holder B
T4ai	4-pin connector, black
T5b	5-pin connector, black
T5n	5-pin connector, black
T40	40-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
51	Earth point, on right in luggage compartment
61	Earth point, on left C-pillar
383	Earth connection 18, in main wiring harness
*	Up to November 2008
**	From November 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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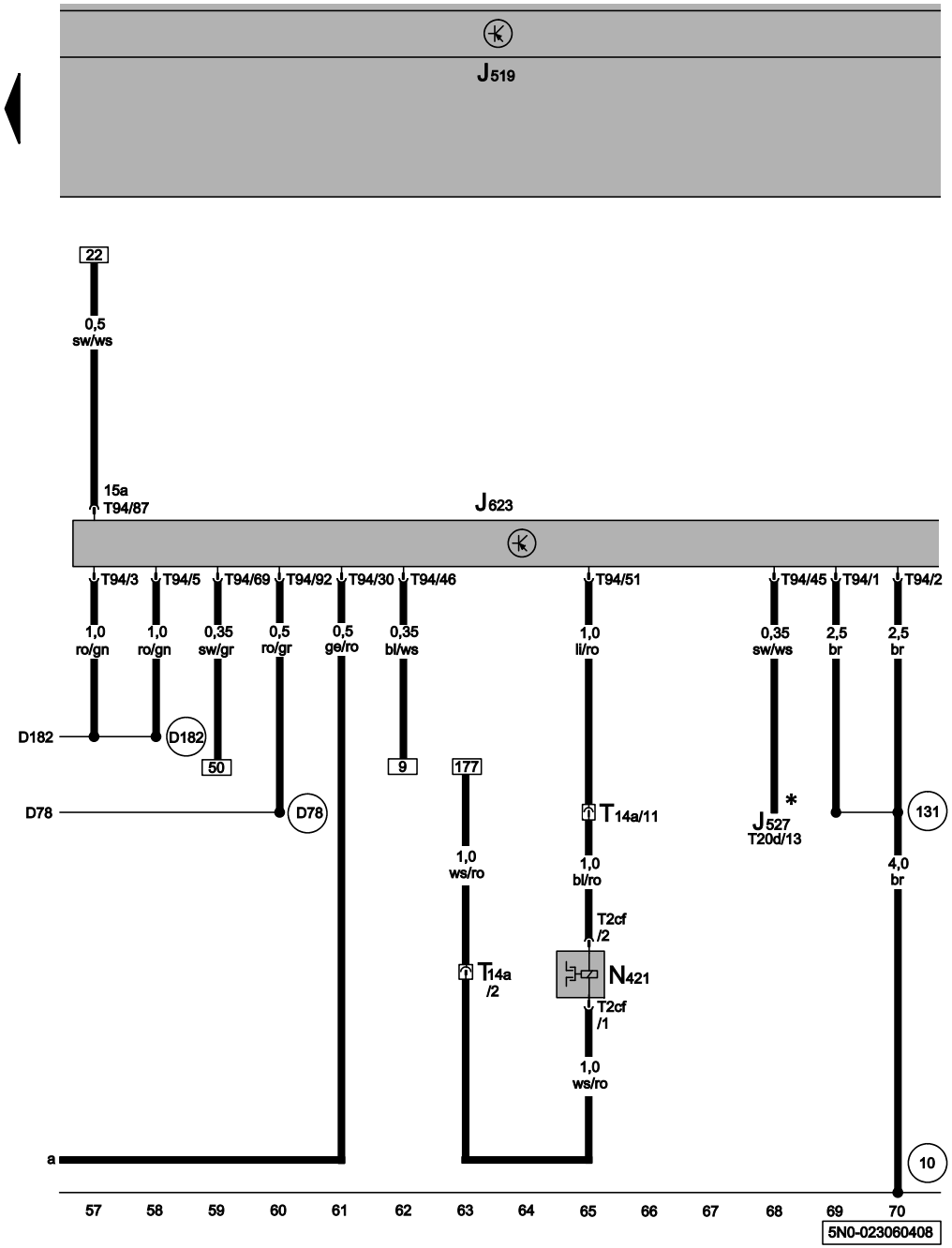


Motronic current supply relay

J271	Motronic current supply relay, on E-box, on left in engine compartment
J519	Onboard supply control unit
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector, black, near battery
T40	40-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Only models with manual gearbox

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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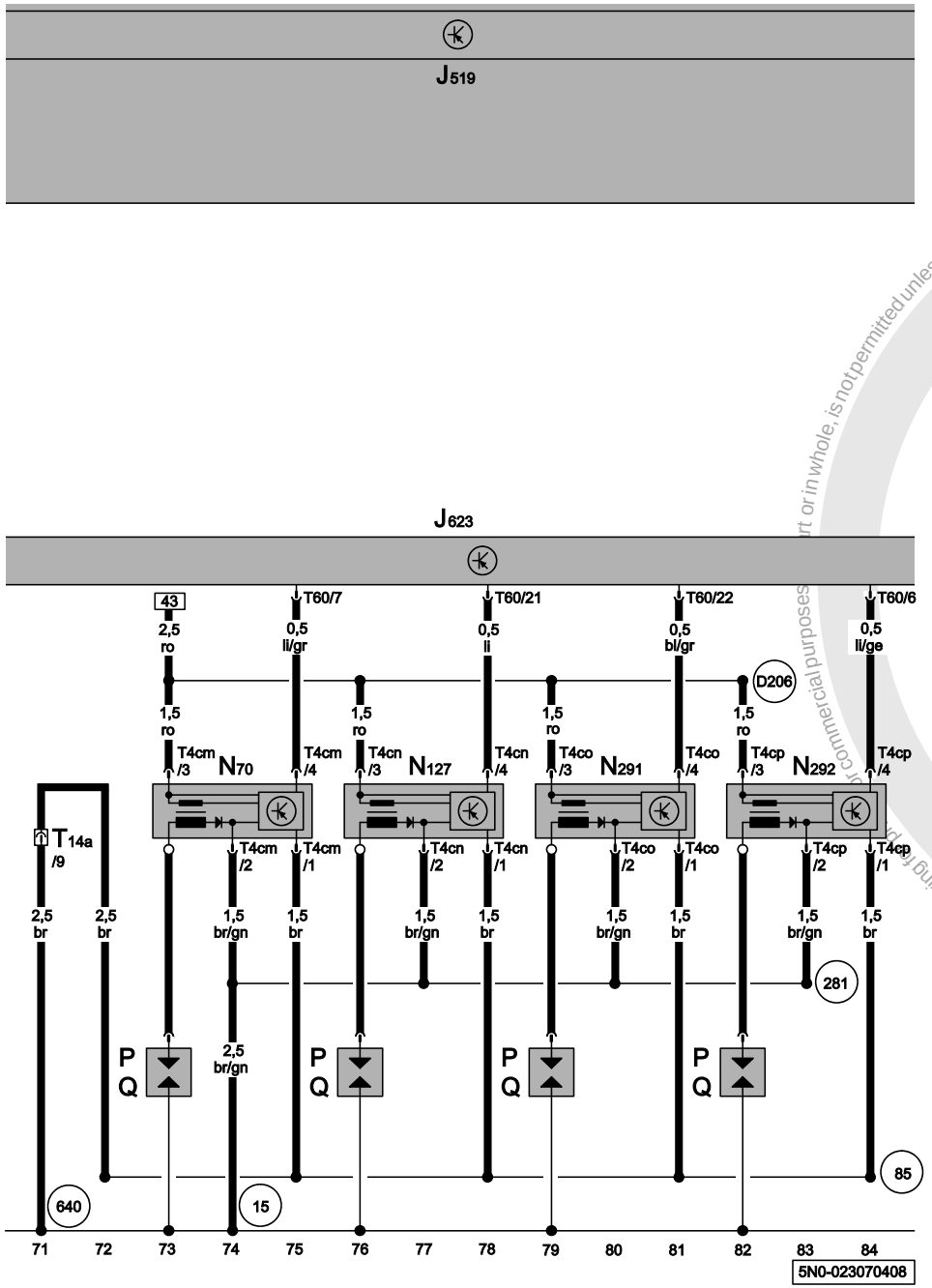


Engine control unit, magnetic clutch for supercharger

J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit, in centre of plenum chamber
N421	Magnetic clutch for supercharger
T2cf	2-pin connector
T14a	14-pin connector, black, near battery
T20d	20-pin connector, black
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Only models with cruise control system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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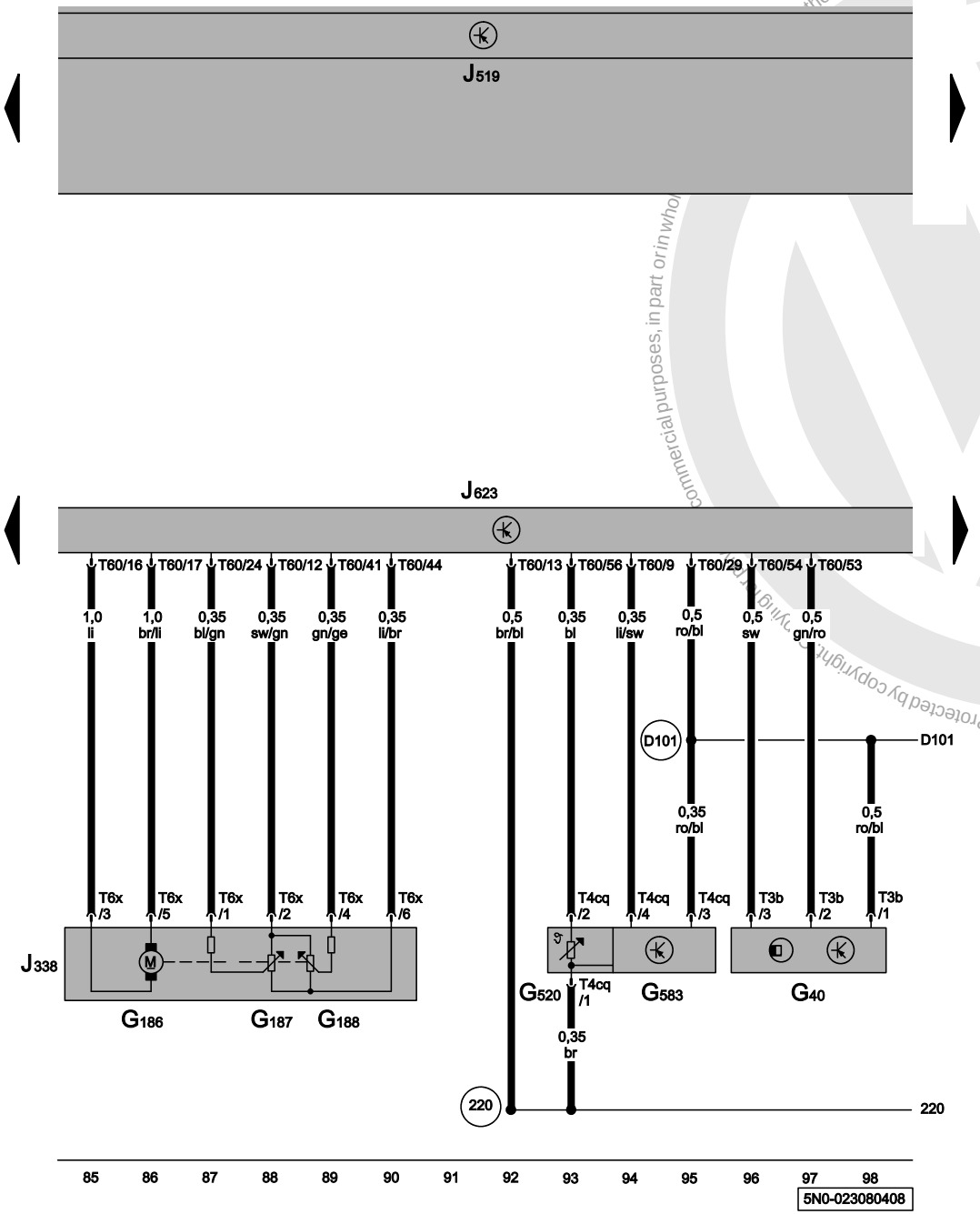


Engine control unit, ignition coils with output stage, spark plugs

J519	Onboard supply control unit
J623	Engine control unit, in centre of plenum chamber
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plug
T4cm	4-pin connector, black
T4cn	4-pin connector, black
T4co	4-pin connector, black
T4cp	4-pin connector, black
T14a	14-pin connector, black, near battery
T60	60-pin connector, black
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
640	Earth point 2, on left in engine compartment
D206	Connection 4 (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
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bl	=	blue
gr	=	grey
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Engine control unit, throttle valve module, intake air temperature sender 3, intake manifold pressure sender 3, Hall sender

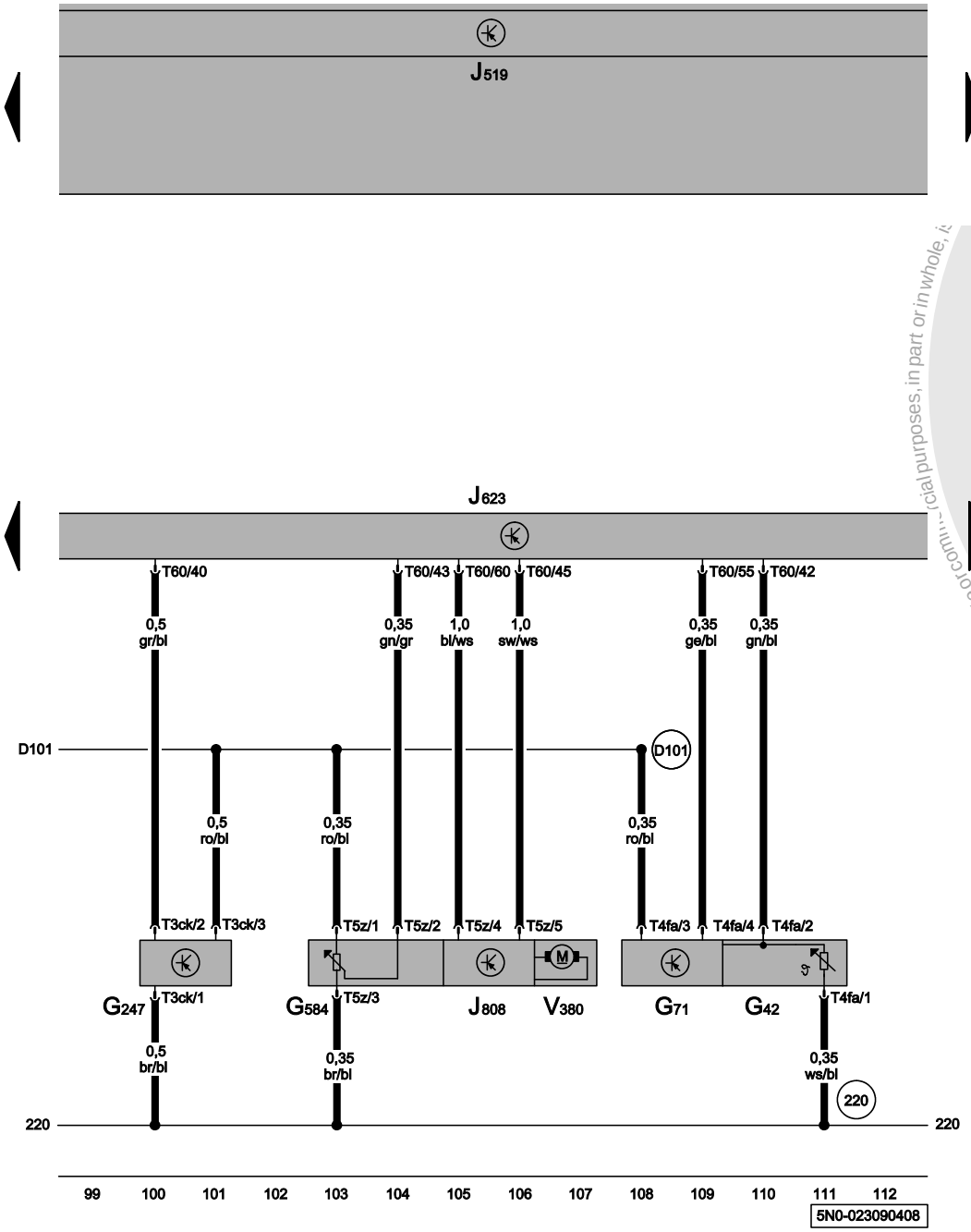
G40	Hall sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G520	Intake air temperature sender 3
G583	Intake manifold pressure sender 3
J338	Throttle valve module
J519	Onboard supply control unit
J623	Engine control unit, in centre of plenum chamber
T3b	3-pin connector, black
T4cq	4-pin connector, black
T6x	6-pin connector, black
T60	60-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1, in engine compartment wiring harness

ws	=	white
sw	=	black
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Engine control unit, fuel pressure sender, regulating flap control unit, regulating flap position control motor, regulating flap potentiometer, intake air temperature sender, intake manifold pressure sender

G42	Intake air temperature sender
G71	Intake manifold pressure sender
G247	Fuel pressure sender
G584	Regulating flap potentiometer
J519	Onboard supply control unit
J623	Engine control unit, in centre of plenum chamber
J808	Regulating flap control unit
T3ck	3-pin connector, black
T4fa	4-pin connector, black
T5z	5-pin connector, black
T60	60-pin connector, black
V380	Regulating flap position control motor
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1, in engine compartment wiring harness

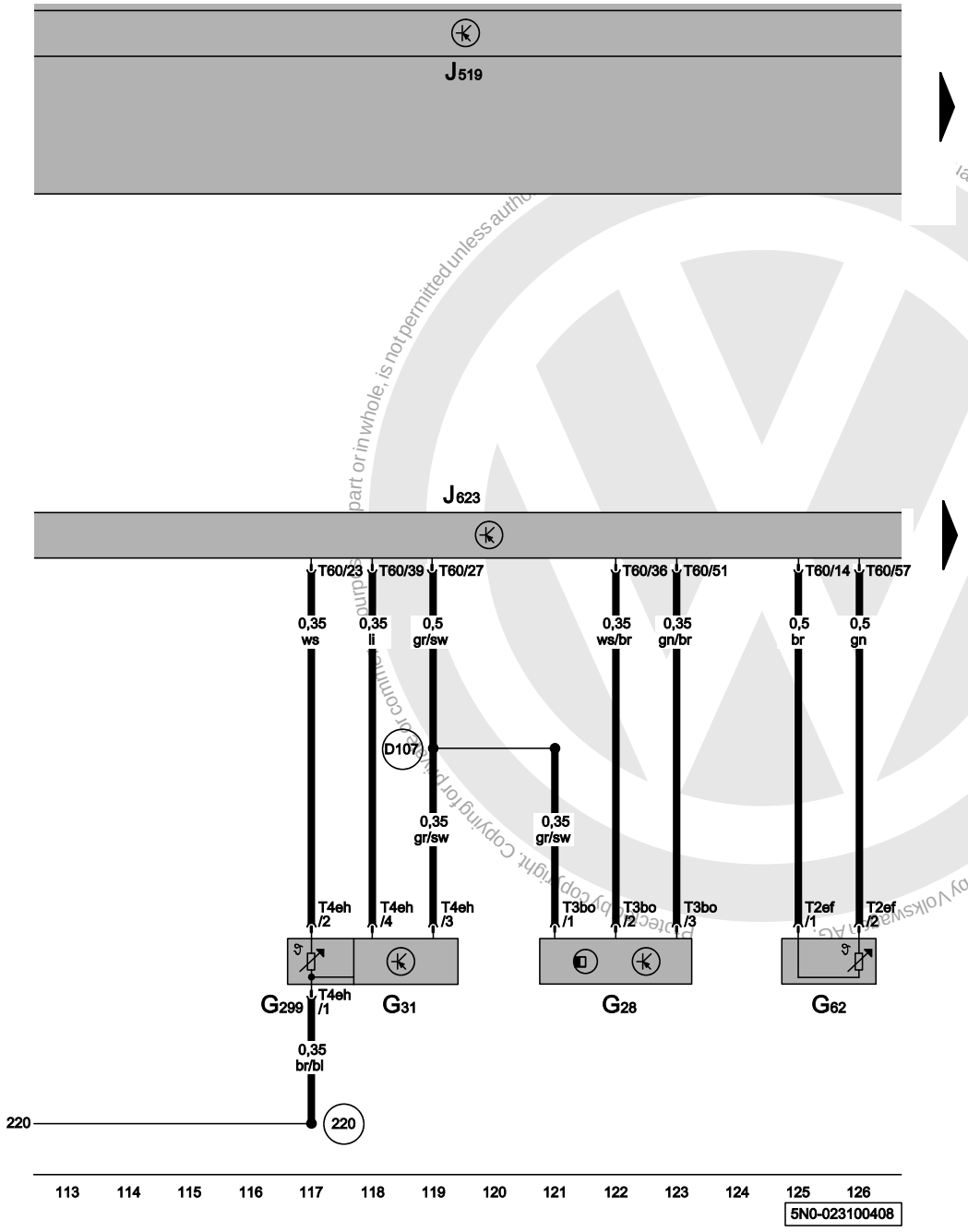


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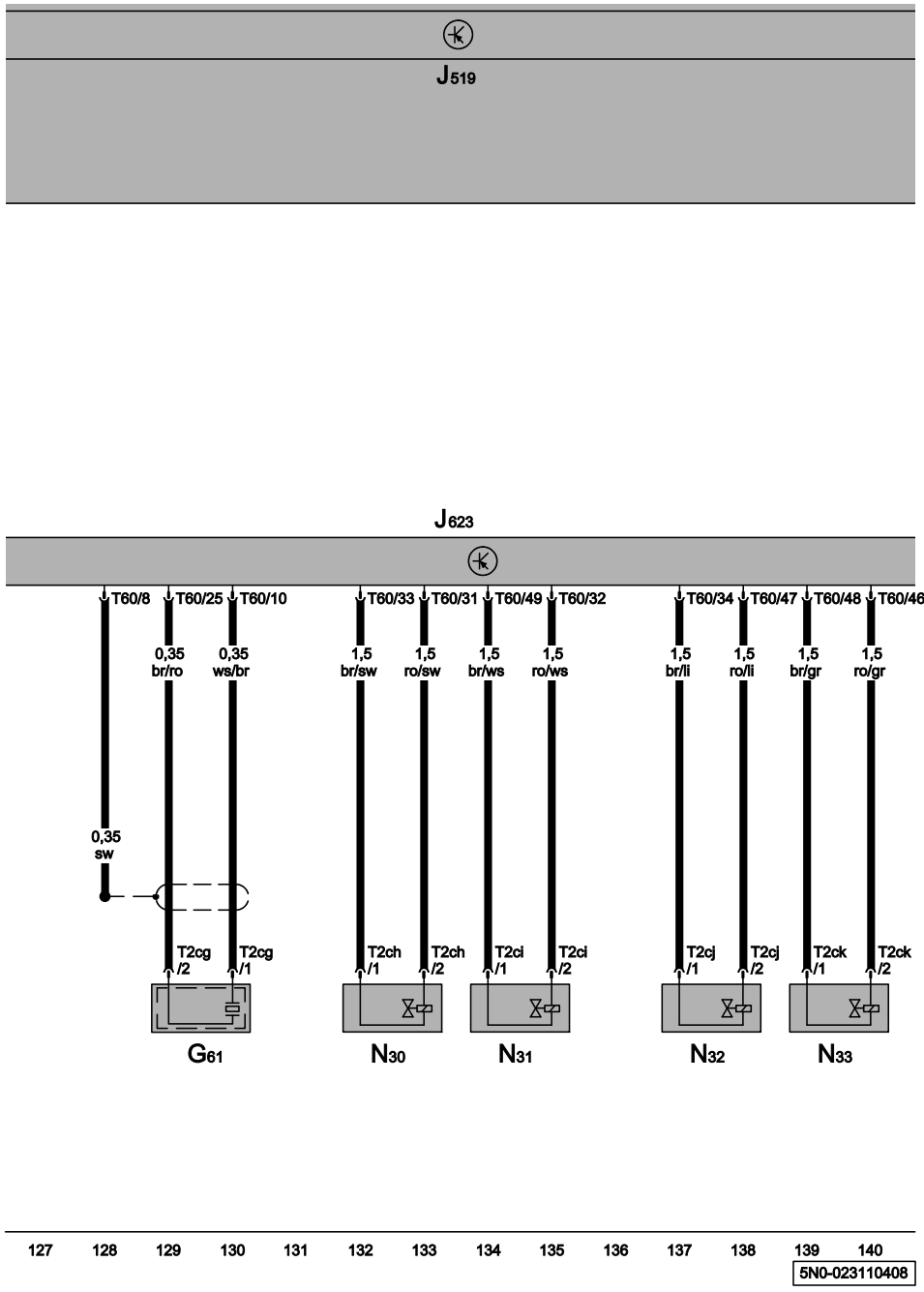
Engine control unit, charge air pressure sender, intake air temperature sender 2, engine speed sender, coolant temperature sender

G28	Engine speed sender
G31	Charge air pressure sender
G62	Coolant temperature sender
G299	Intake air temperature sender 2
J519	Onboard supply control unit
J623	Engine control unit, in centre of plenum chamber
T2ef	2-pin connector, black
T3bo	3-pin connector, black
T4eh	4-pin connector, black
T60	60-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5, in engine compartment wiring harness



ws	=	white
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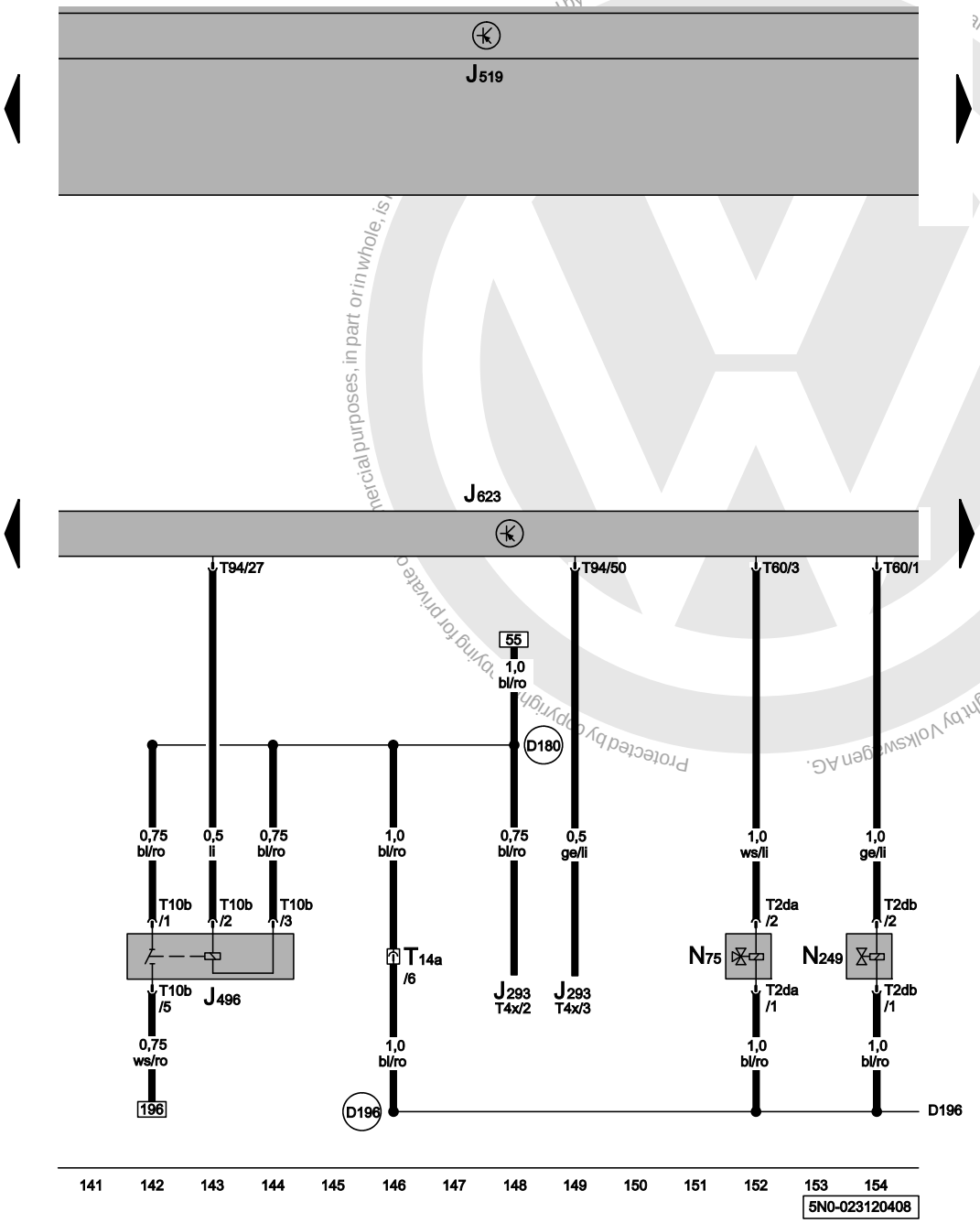


Engine control unit, knock sensor, injectors

G61	Knock sensor 1
J519	Onboard supply control unit
J623	Engine control unit, in centre of plenum chamber
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2cg	2-pin connector, black
T2ch	2-pin connector, black
T2ci	2-pin connector, black
T2cj	2-pin connector, black
T2ck	2-pin connector, black
T60	60-pin connector, black

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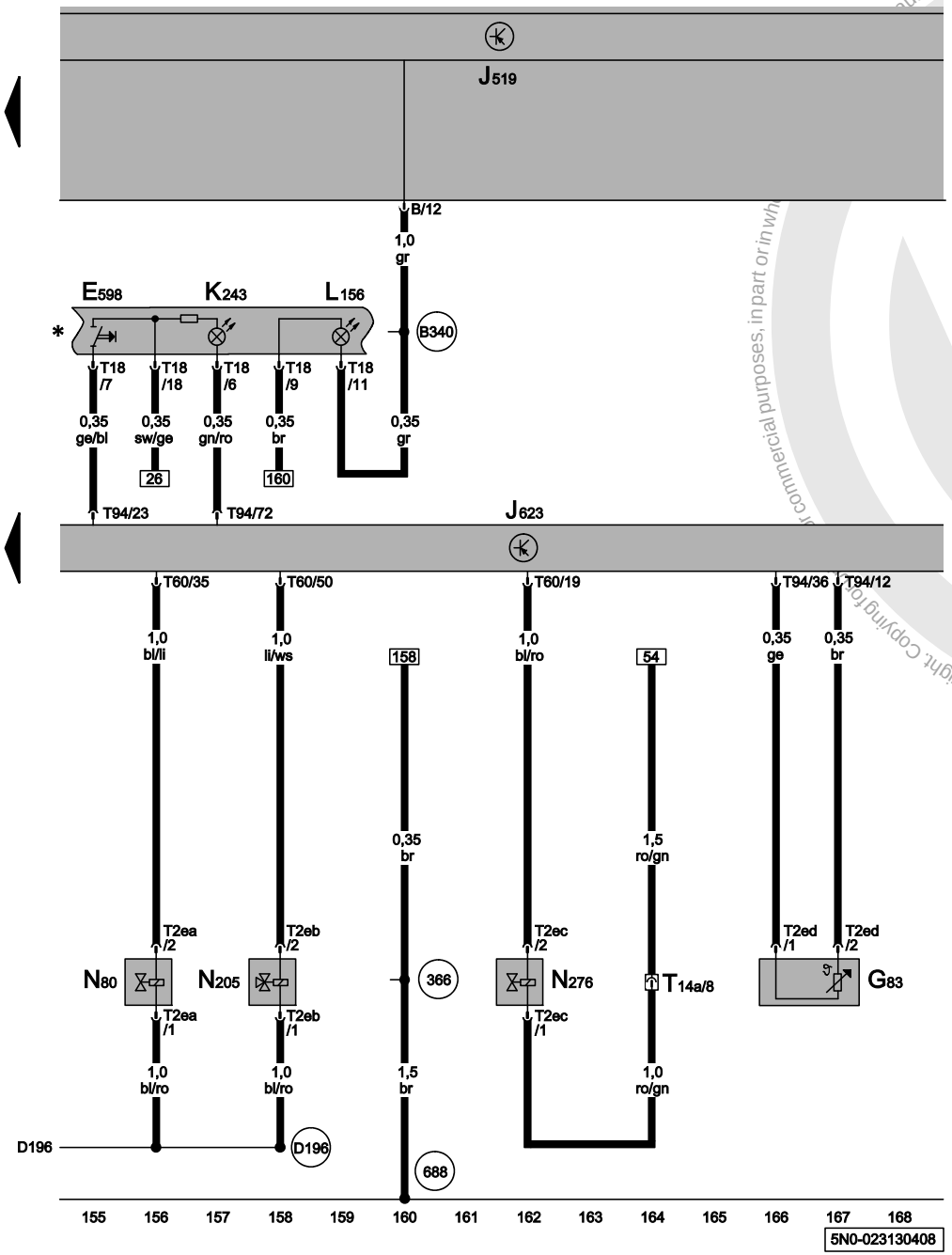


ws = white
sw = black
ro = red
br = brown
gn = green
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gr = grey
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Engine control unit, additional coolant pump relay, charge pressure control solenoid valve, turbocharger air recirculation valve

J293	Radiator fan control unit
J496	Additional coolant pump relay
J519	Onboard supply control unit
J623	Engine control unit, in centre of plenum chamber
N75	Charge pressure control solenoid valve
N249	Turbocharger air recirculation valve
T2da	2-pin connector, black
T2db	2-pin connector, black
T4x	4-pin connector, black
T10b	10-pin connector, black
T14a	14-pin connector, near battery
T60	60-pin connector, black
T94	94-pin connector
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness

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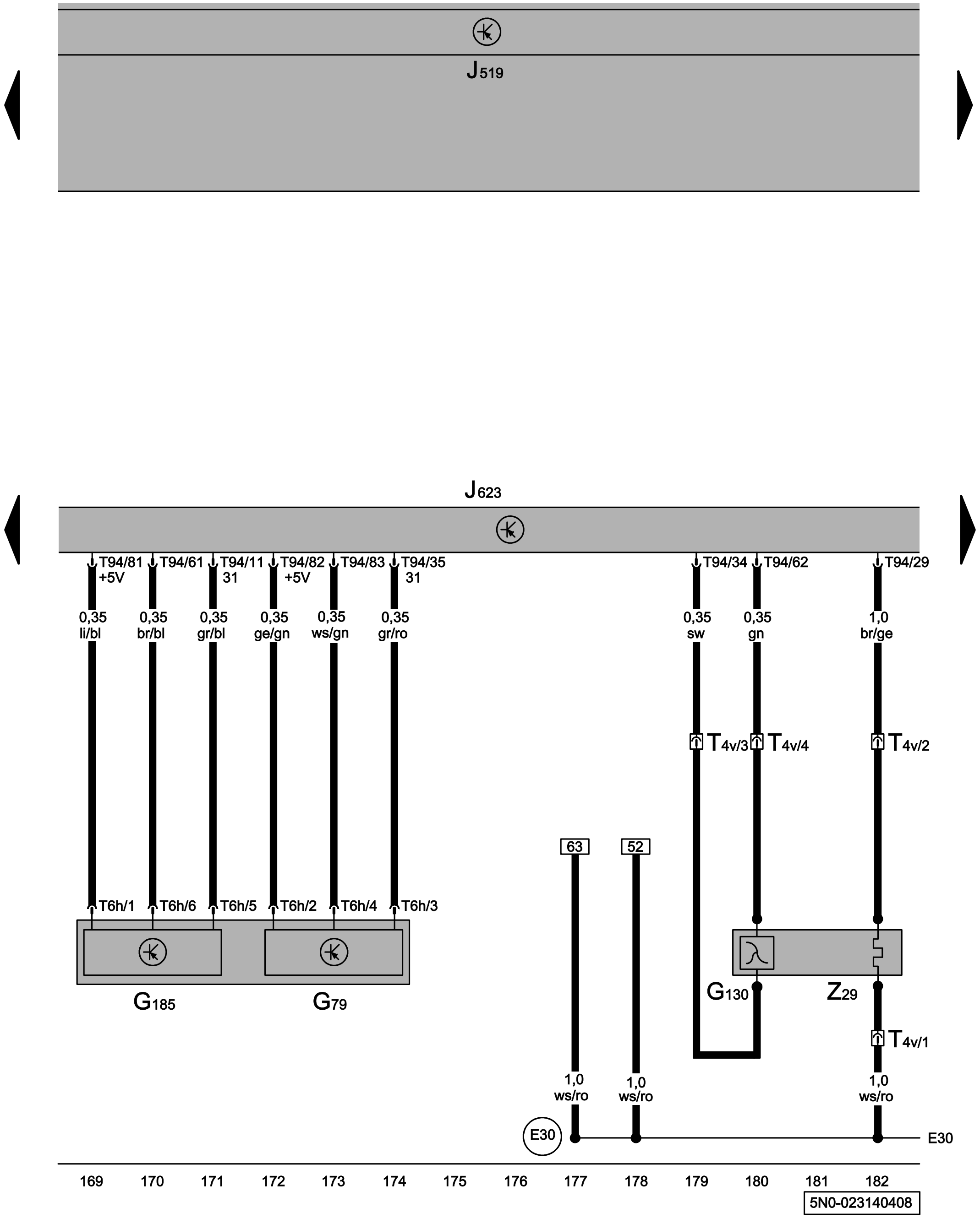


Radiator outlet coolant temperature sender, inlet camshaft control valve 1, drive program button, activated charcoal filter solenoid valve 1, fuel pressure regulating valve

E598	Driving program button
G83	Radiator outlet coolant temperature sender
J519	Onboard supply control unit
J623	Engine control unit, in centre of plenum chamber
K243	Driving program warning light
L156	Switch illumination bulb
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
T2ea	2-pin connector, black
T2eb	2-pin connector, black
T2ec	2-pin connector
T2ed	2-pin connector, black
T14a	14-pin connector, black, near battery
T18	18-pin connector
T60	60-pin connector, black
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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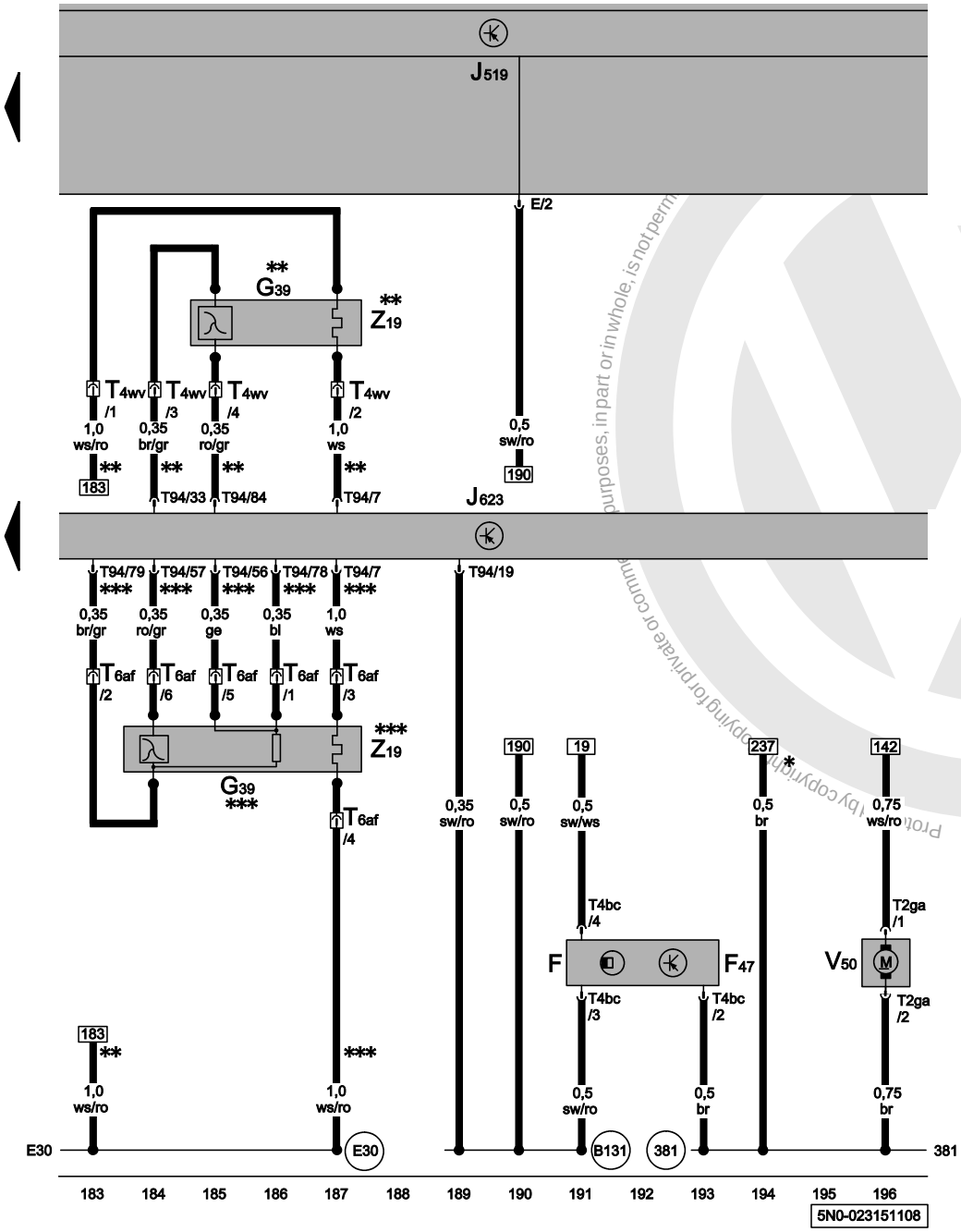


Engine control unit, Lambda probe after catalytic converter, accelerator position sender

G79	Accelerator position sender
G130	Lambda probe after catalytic converter
G185	Accelerator position sender 2
J519	Onboard supply control unit
J623	Engine control unit, in centre of plenum chamber
T4v	4-pin connector, black, in front of engine compartment near alternator
T6h	6-pin connector
T94	94-pin connector
Z29	Lambda probe 1 heater after catalytic converter
E30	Connection (87a), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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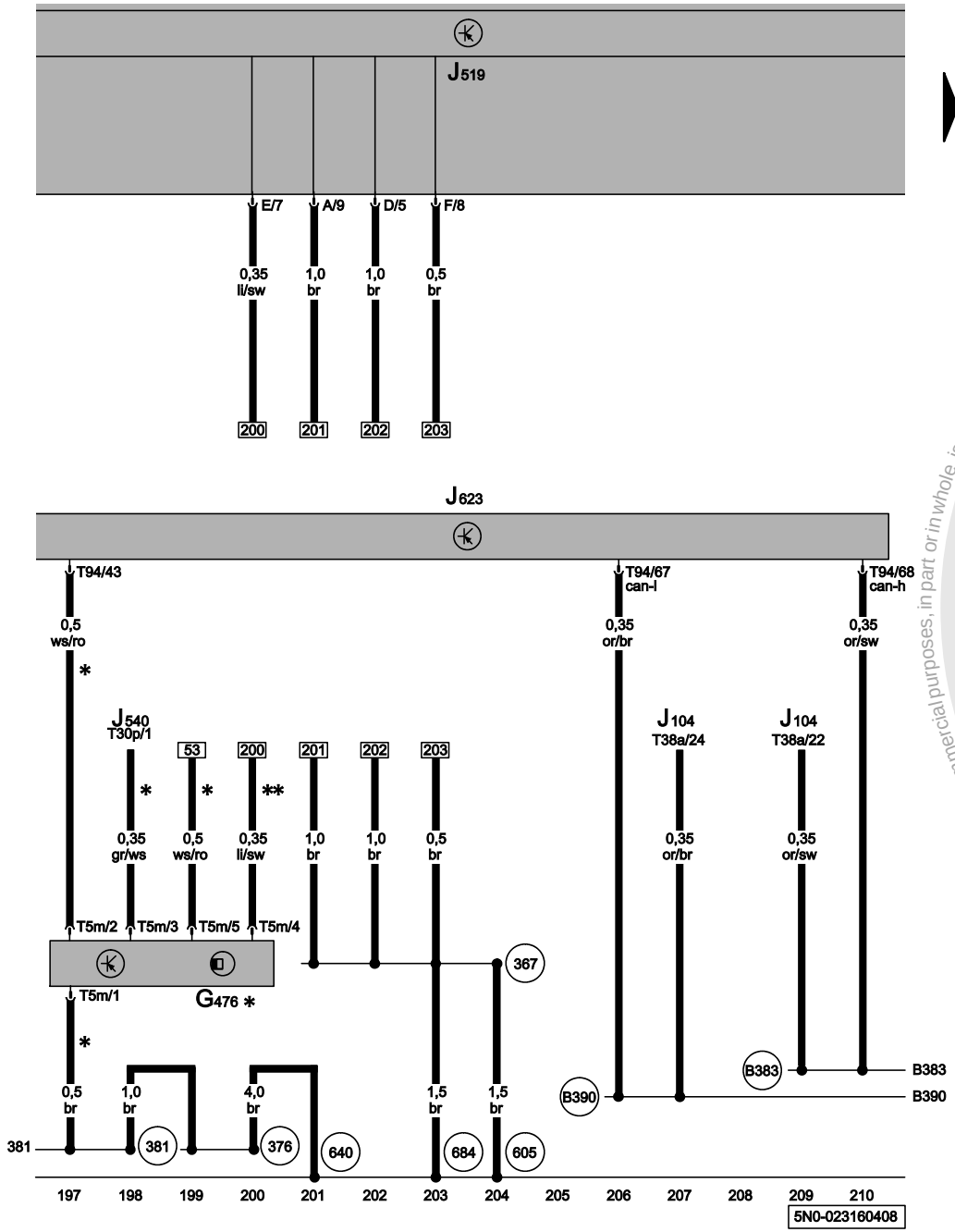


Engine control unit, Lambda probe, brake light switch, brake pedal switch, coolant circulation pump, Lambda probe heater

F	Brake light switch
F47	Brake pedal switch
G39	Lambda probe
J519	Onboard supply control unit
J623	Engine control unit, in centre of plenum chamber
T2ga	2-pin connector, black
T4bc	4-pin connector, black
T4wv	4-pin connector, brown, near starter
T6af	6-pin connector, black, coupling station for Lambda probe
T94	94-pin connector
V50	Coolant circulation pump
Z19	Lambda probe heater
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness
E30	Connection (87a), in engine wiring harness
*	Depends on equipment
**	Up to November 2008
***	From November 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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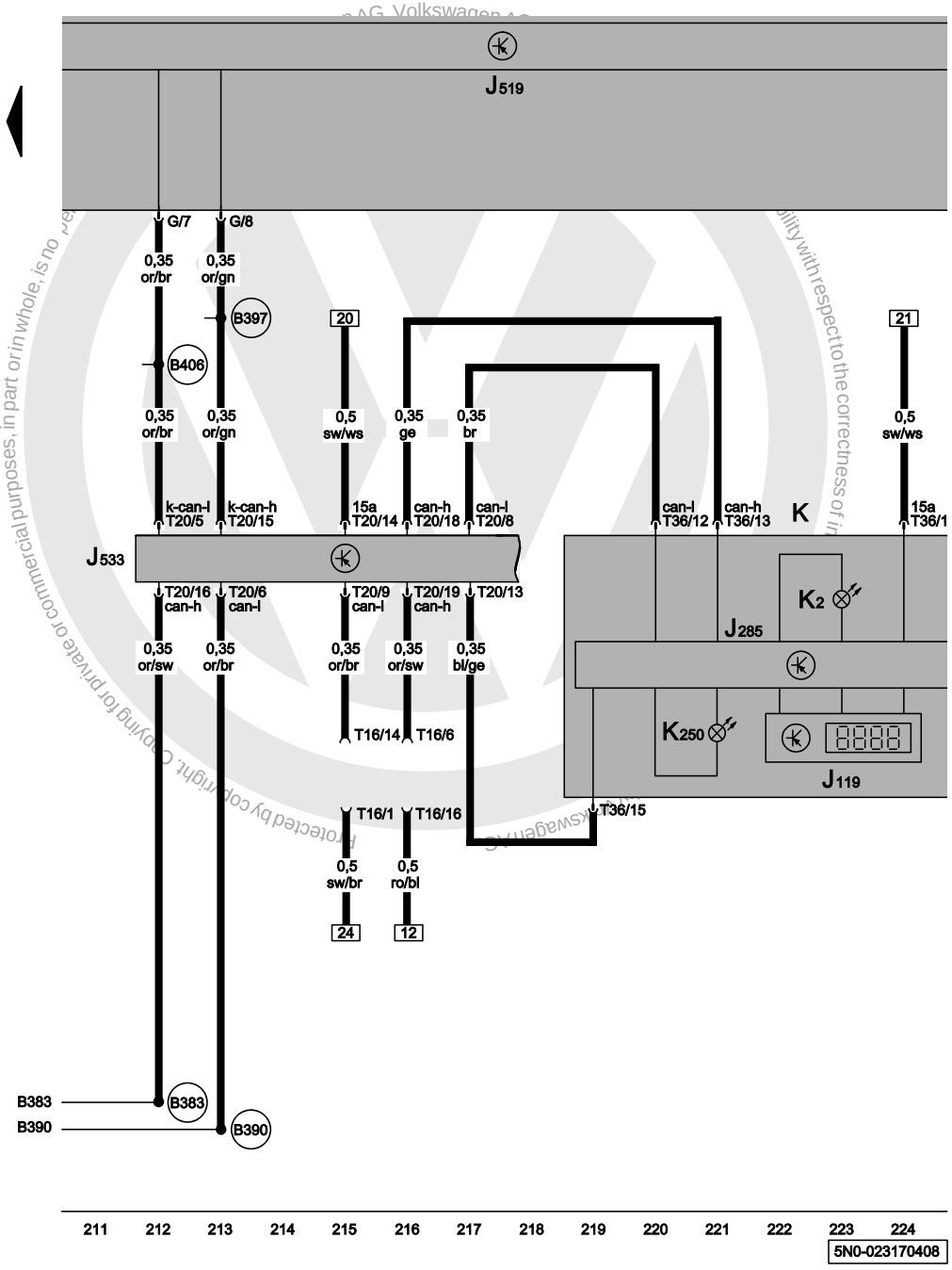


Engine control unit, clutch position sender

G476	Clutch position sender
J104	ABS control unit
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit, in centre of plenum chamber
T5m	5-pin connector, black
T30p	30-pin connector
T38a	38-pin connector
T94	94-pin connector
367	Earth connection 2, in main wiring harness
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
605	Earth point, on top of steering column
640	Earth point 2, on left in engine compartment
684	Earth point, on front of left side member
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
**	Only American markets

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

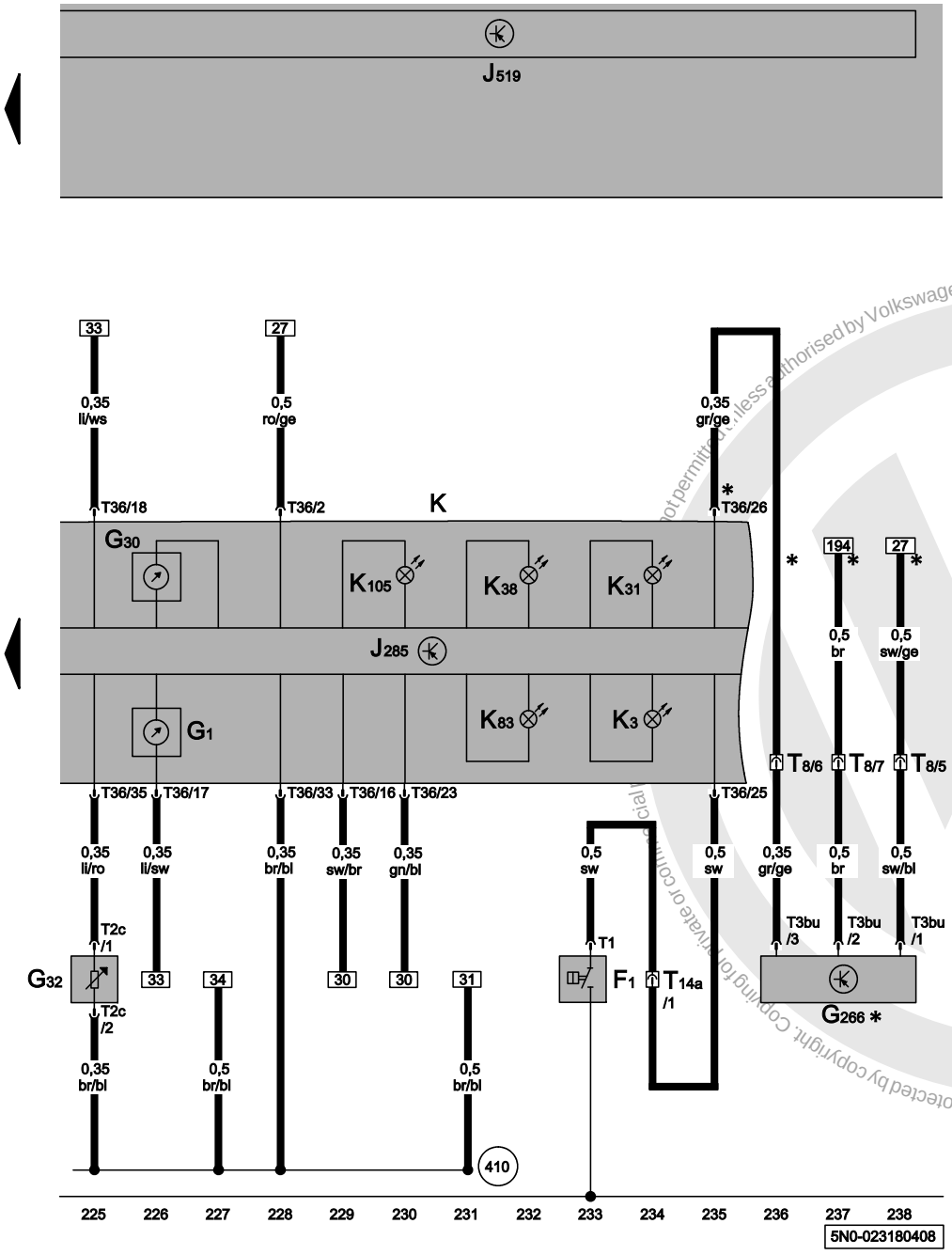
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Data bus diagnosis interface, dash panel insert, alternator warning lamp, warning lamp for hill descent control, Multifunction display, self-diagnosis connection

J119	Multifunction display
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnosis interface
K	Dash panel insert
K2	Alternator warning lamp
K250	Warning lamp for hill descent control
T16	16-pin connector, on left under dash panel, self-diagnosis connection
T20	20-pin connector
T36	36-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Dash panel insert, oil level and oil temperature sender, exhaust emissions warning lamp, charge air pressure gauge, fuel gauge, oil pressure switch, warning lamps

F1	Oil pressure switch
G1	Fuel gauge
G30	Charge air pressure gauge
G32	Coolant shortage indicator sender
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K3	Oil pressure warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp (only models with flexible service interval display)
K83	Exhaust emissions warning lamp
K105	Reserve fuel warning lamp
T1	Single connector, black
T2c	2-pin connector
T3bu	3-pin connector
T8	8-pin connector, black, near starter
T14a	14-pin connector, black, near battery
T36	36-pin connector
(410)	Earth connection 1 (sender earth), in main wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio navigation system RNS 500/510

⇒ **Connection for external audio sources**
⇒ **CD changer**
⇒ **Satellite digital audio system (SDARS)**
⇒ **Satellite radio**
from November 2007

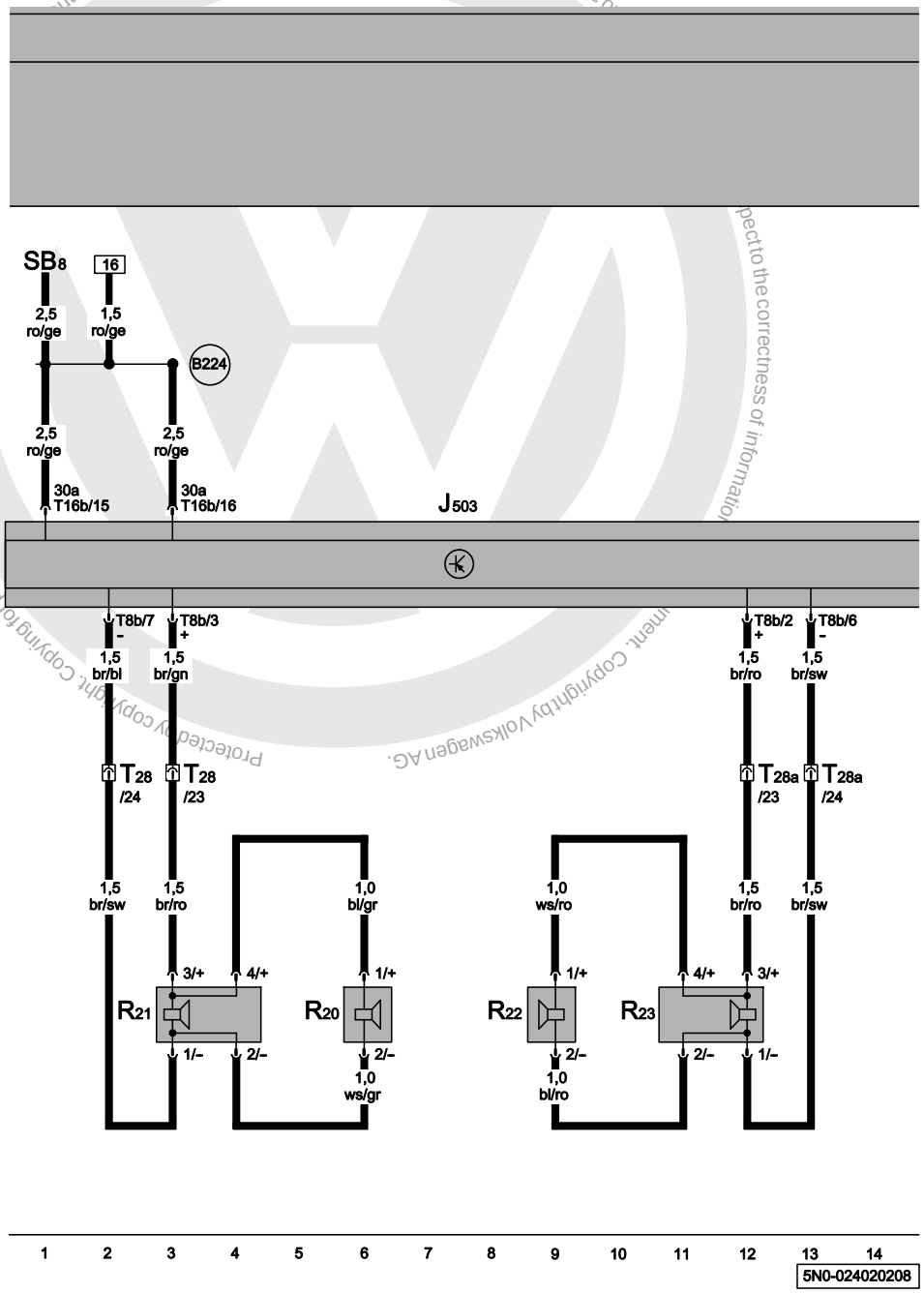
Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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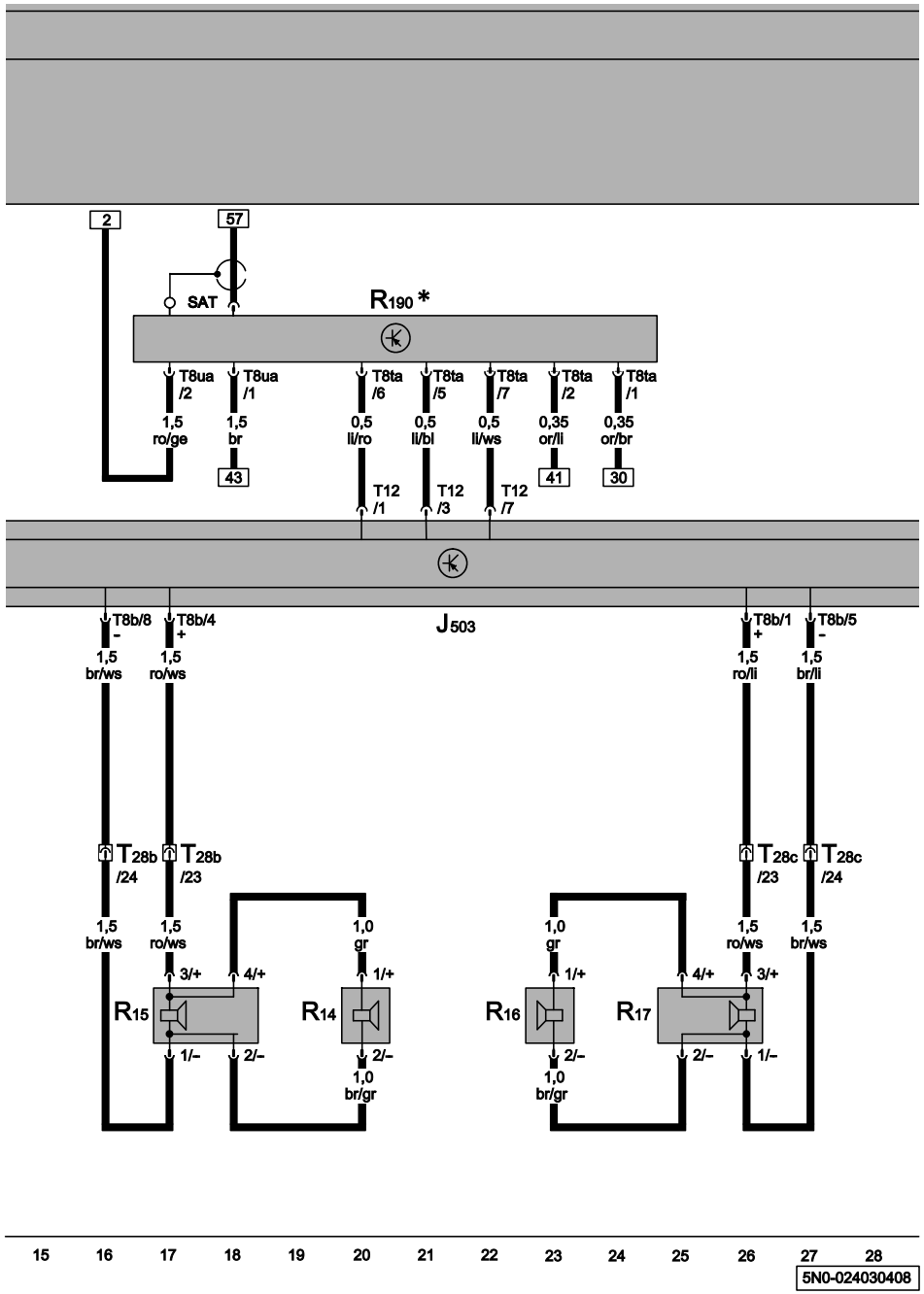
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Front loudspeakers, fuse SB8, control unit with display for radio and navigation system

J503	Control unit with display for radio and navigation
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
SB8	Fuse 8 on fuse holder B
T8b	8-pin connector, brown
T16b	16-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
B224	Connection 1 (radio), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

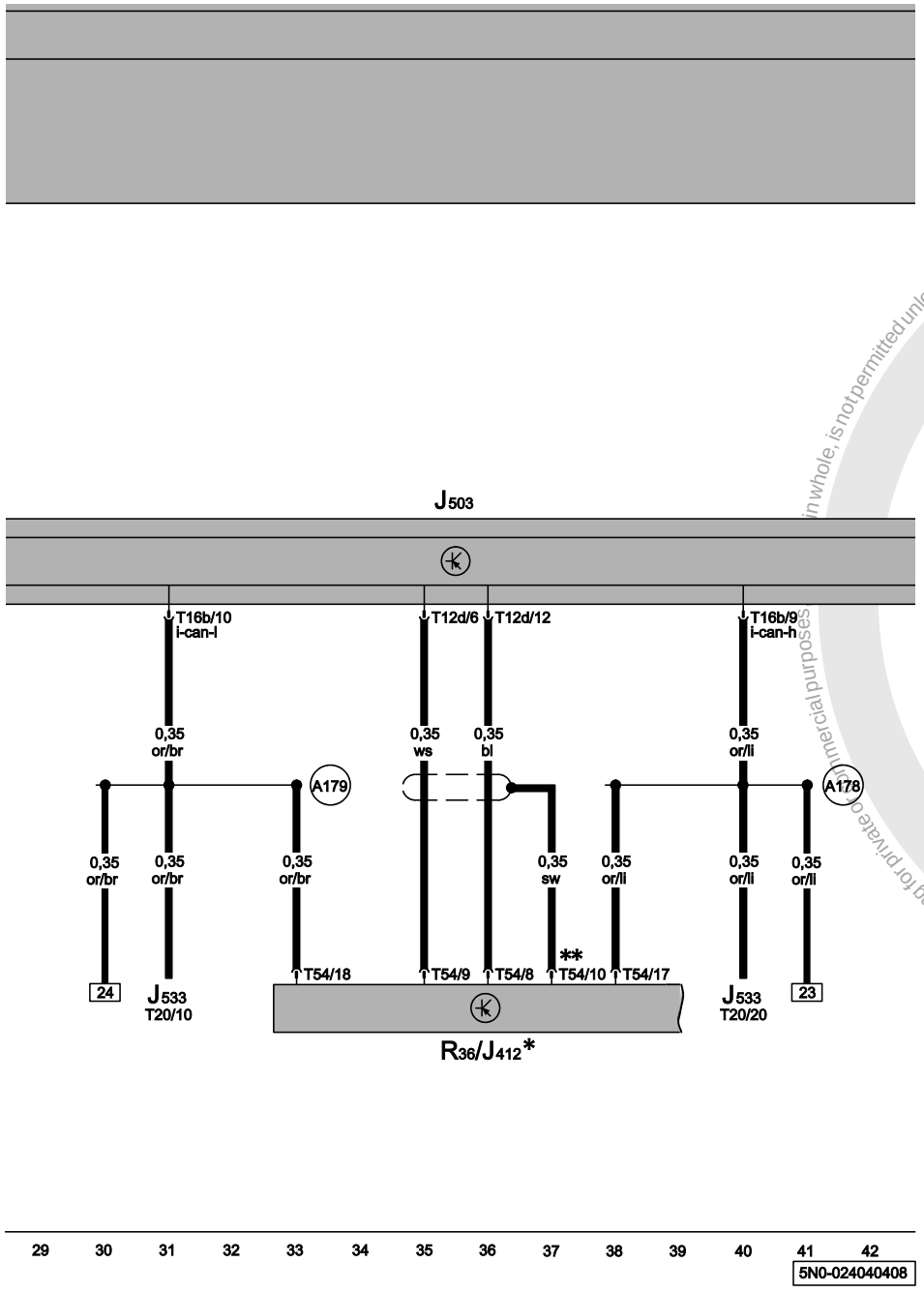


Satellite digital radio tuner, rear loudspeakers, control unit with display for radio and navigation system

J503	Control unit with display for radio and navigation
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R190	Satellite digital radio tuner
T8b	8-pin connector, brown
T8ta	8-pin connector, black
T8ua	8-pin connector, black
T12	12-pin connector, blue
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim
*	Only models with satellite digital radio tuner

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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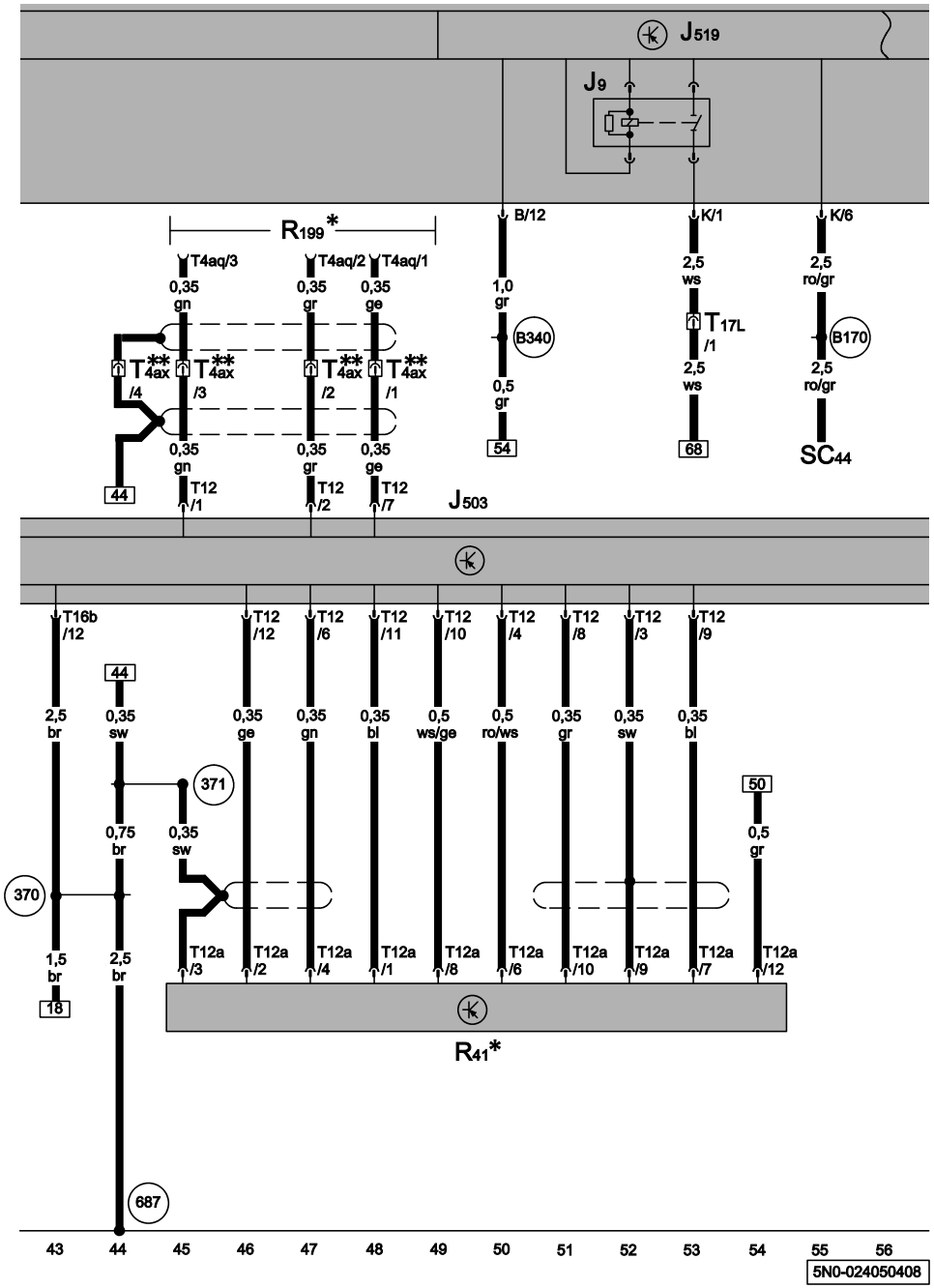


Mobile telephone operating electronics control unit, control unit with display for radio and navigation system

J412	Control unit for mobile telephone operating electronics
J503	Control unit with display for radio and navigation
J533	Data bus diagnosis interface
R36	Telephone transmitter and receiver unit
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Depends on equipment
**	Up to May 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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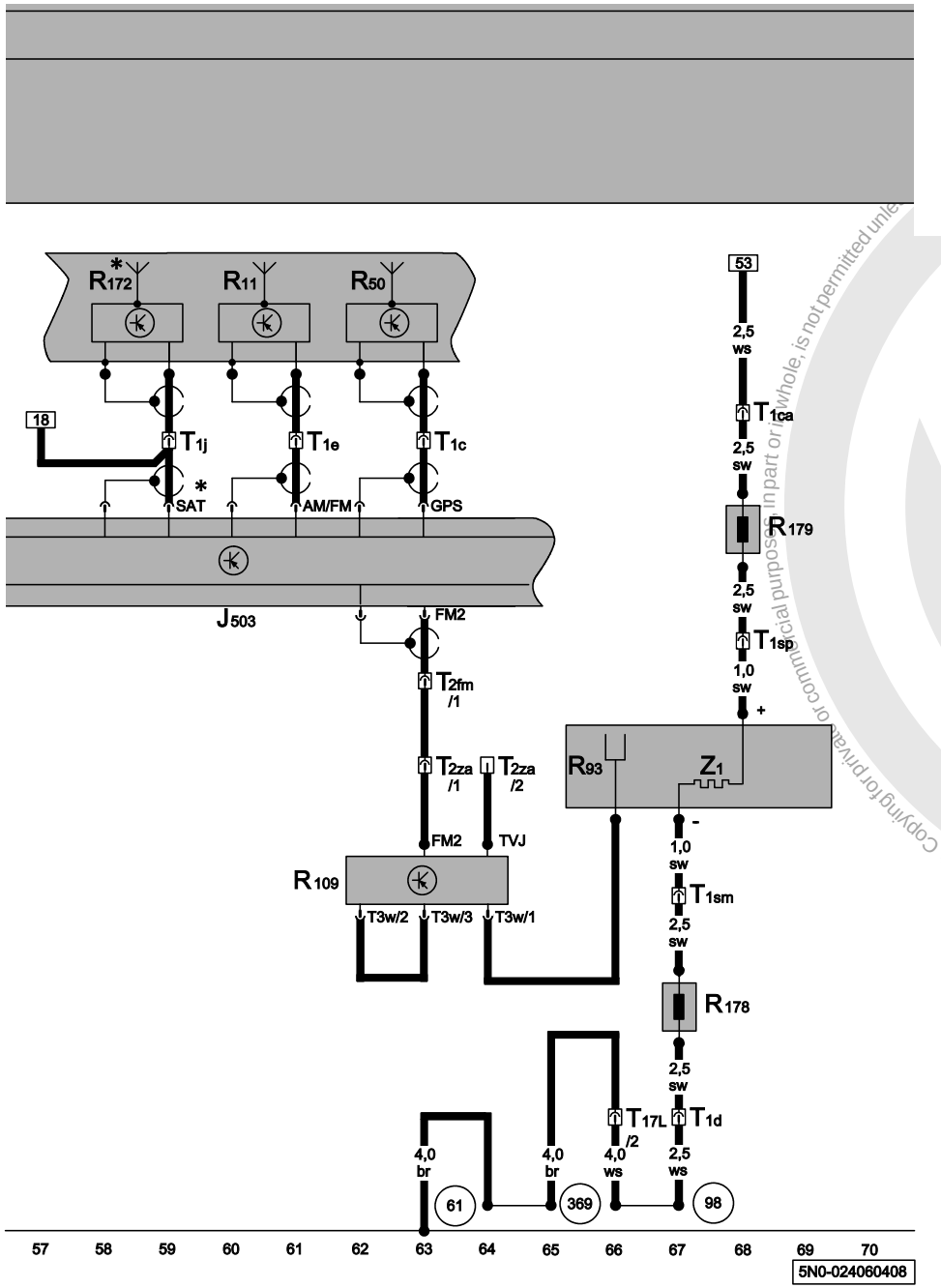
Connection for external audio sources, CD changer, control unit with display for radio and navigation system, heated rear window relay

J9	Heated rear window relay
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R41	CD changer
R199	Connection for external audio sources
SC44	Fuse 44 on fuse holder C
T4aq	4-pin connector, black
T4ax	4-pin connector, white
T12	12-pin connector, blue
T12a	12-pin connector, black
T16b	16-pin connector, black
T17L	17-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B170	Positive connection 2 (30), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Depends on equipment
**	Only models with centre armrest

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Aerials, aerial module, heated rear window, frequency filter for frequency modulation (FM), control unit with display for radio and navigation system



J503	Control unit with display for radio and navigation
R11	Aerial
R50	Navigation system aerial
R93	Radio aerial 2
R109	Right aerial module (impedance converter)
R172	Satellite tuner aerial
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T1c	Single connector, blue
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1j	Single connector, green
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T17L	17-pin connector
Z1	Heated rear window
61	Earth point, on left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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rs	=	pink

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Radio - RCD 500/510

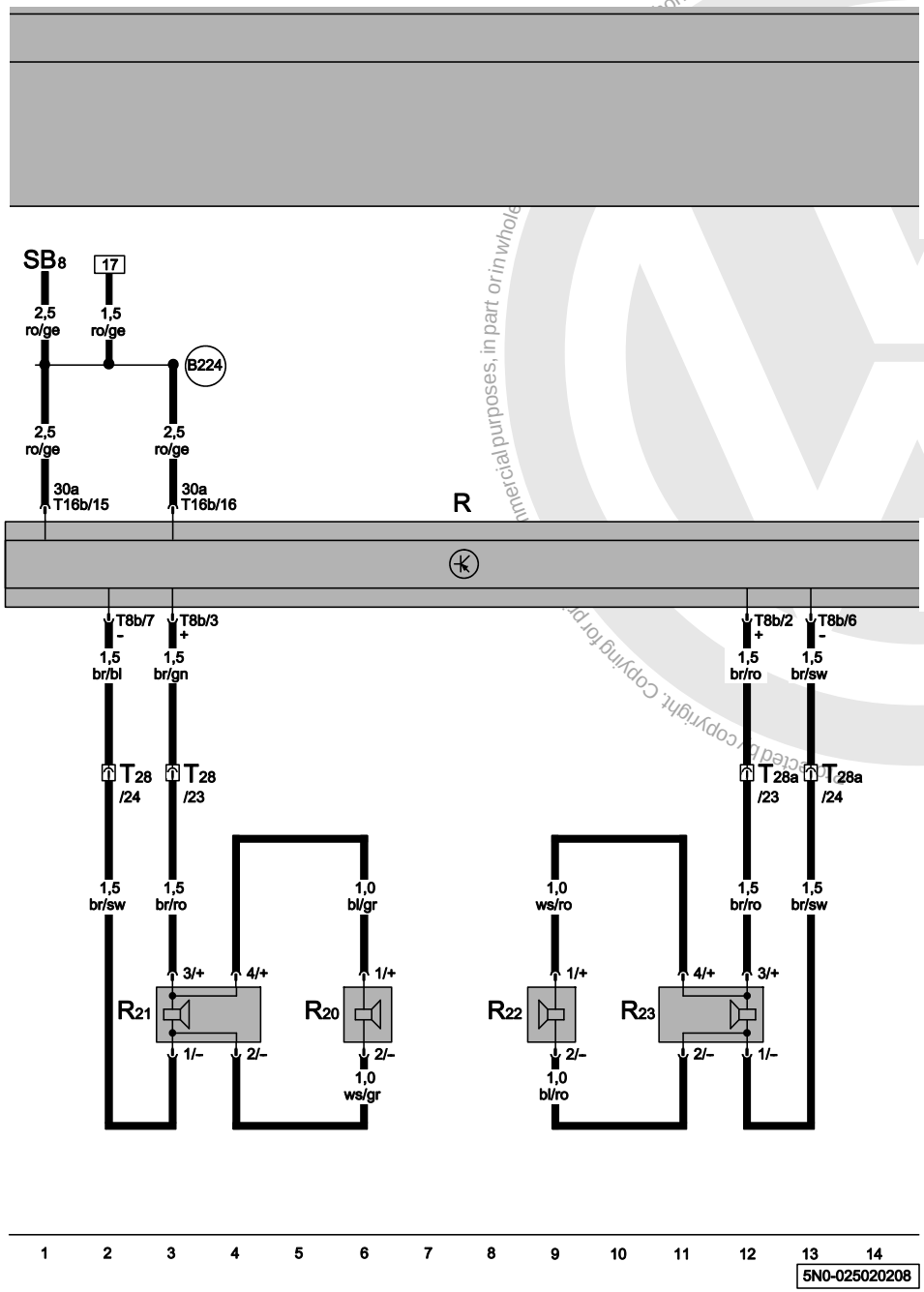
⇒ **Connection for external audio sources**
⇒ **CD changer**
⇒ **8 loudspeakers**
⇒ **Satellite digital audio system (SDARS)**
⇒ **Satellite radio**
from November 2007

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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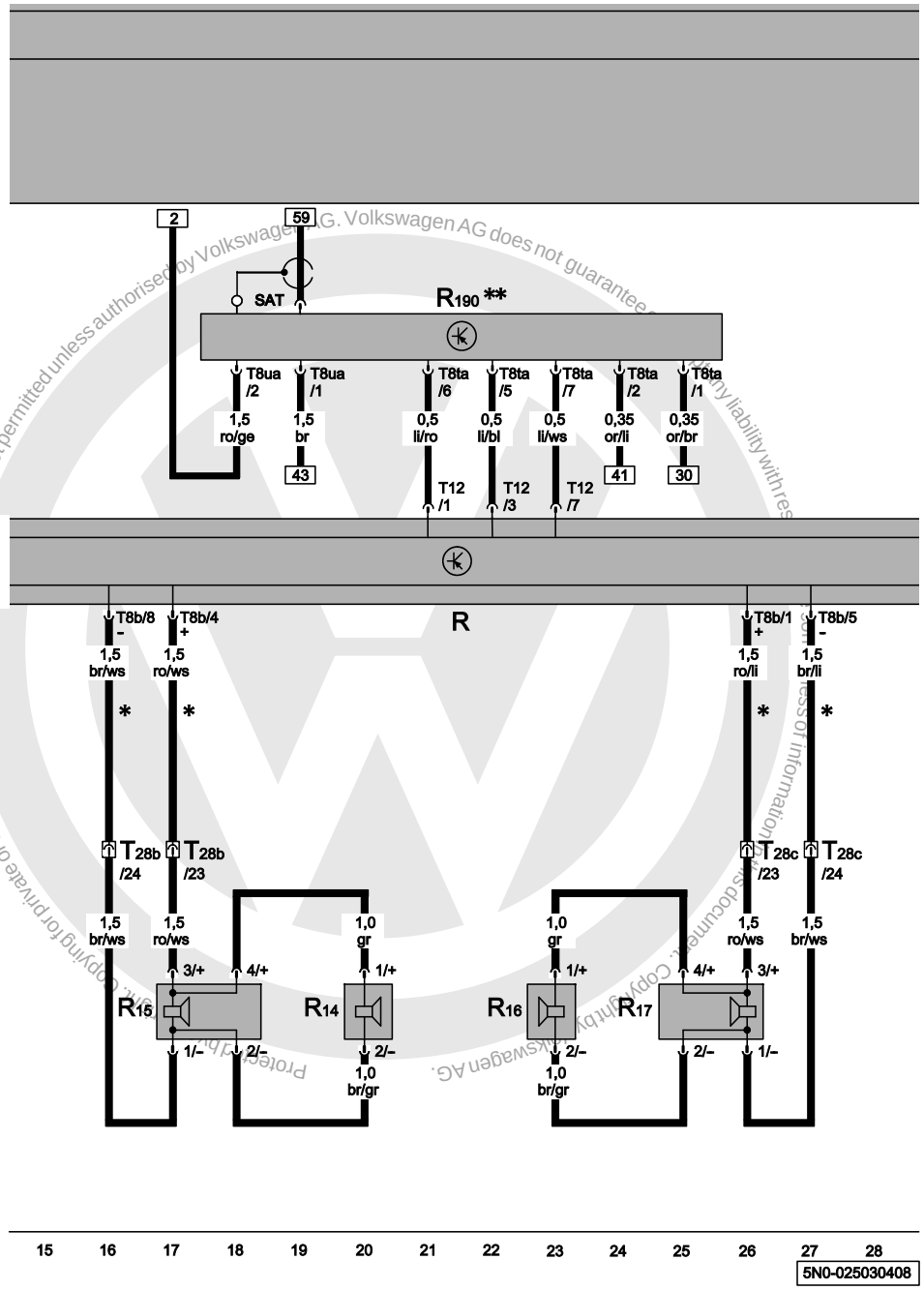


Front loudspeakers, radio

R	Radio
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
SB8	Fuse 8 on fuse holder B
T8b	8-pin connector, brown
T16b	16-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
B224	Connection 1 (radio), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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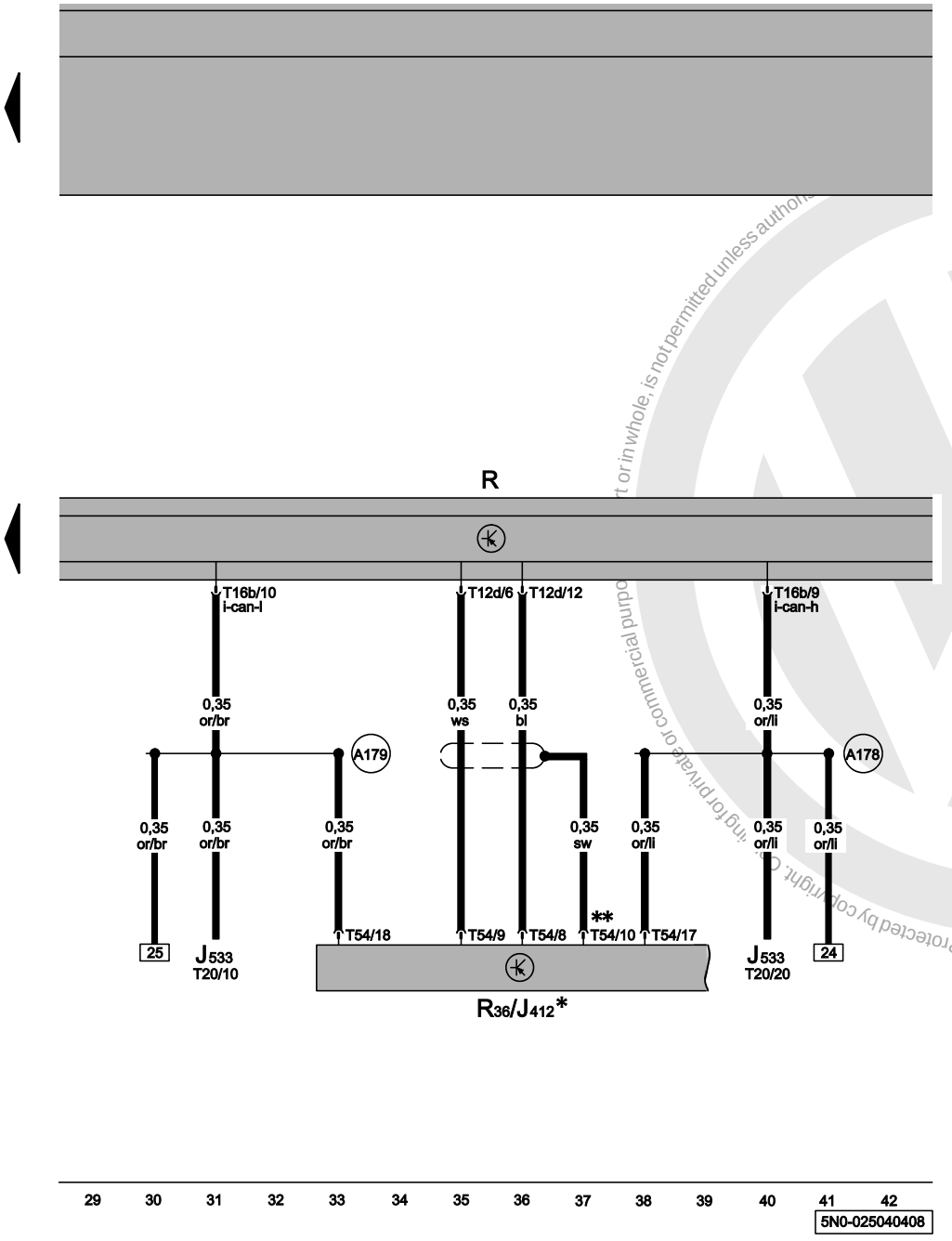


Satellite digital radio tuner, rear loudspeaker, radio

R	Radio
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R190	Satellite digital radio tuner
T8b	8-pin connector, brown
T8ta	8-pin connector, black
T8ua	8-pin connector, black
T12	12-pin connector, blue
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim
*	Only models with rear loudspeaker
**	Only models with satellite radio tuner

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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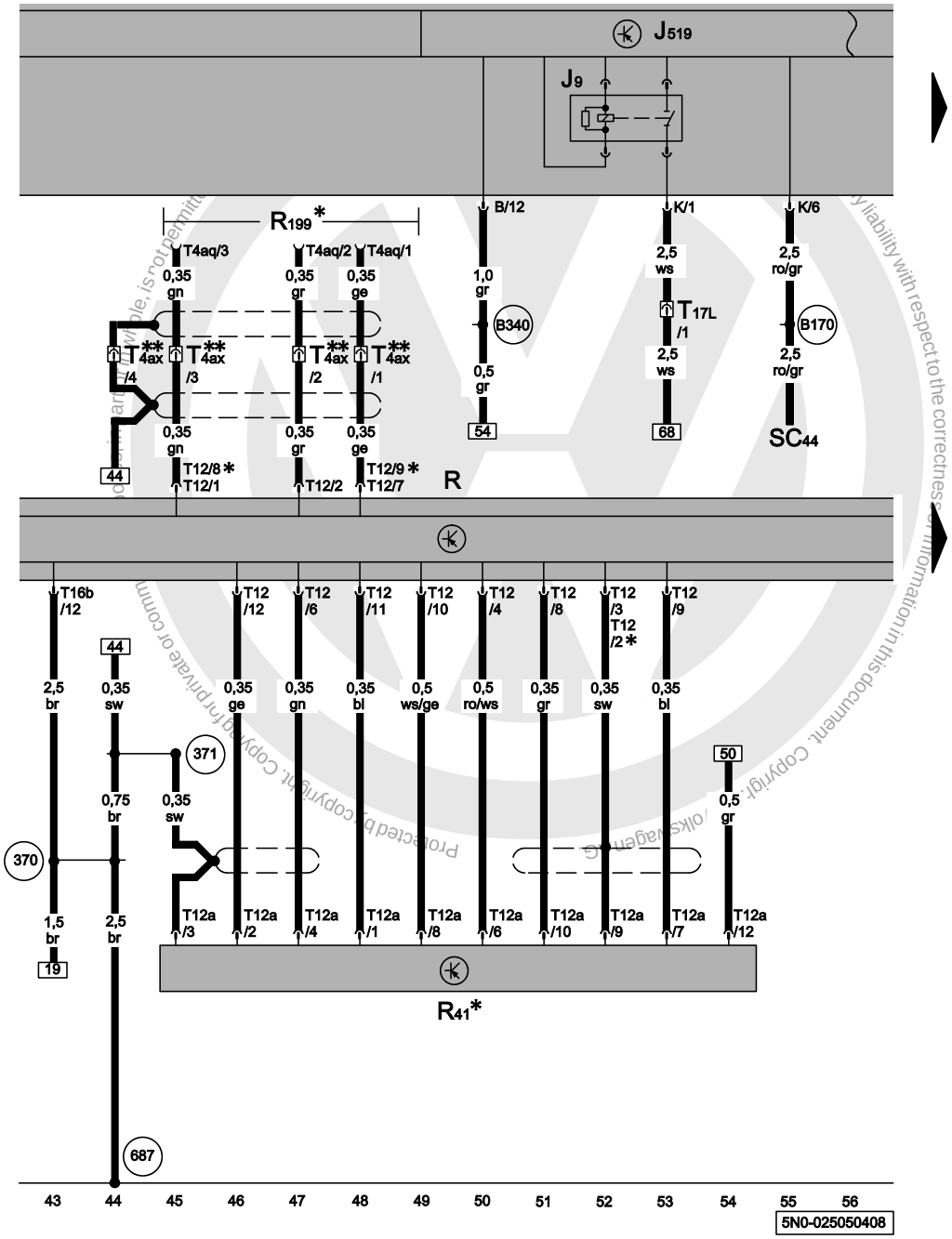


Mobile telephone operating electronics control unit, radio

J412	Control unit for mobile telephone operating electronics
J533	Data bus diagnosis interface
R	Radio
R36	Telephone transmitter and receiver unit
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Depends on equipment
**	Up to May 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Connection for external audio sources, CD changer, radio, heated rear window relay

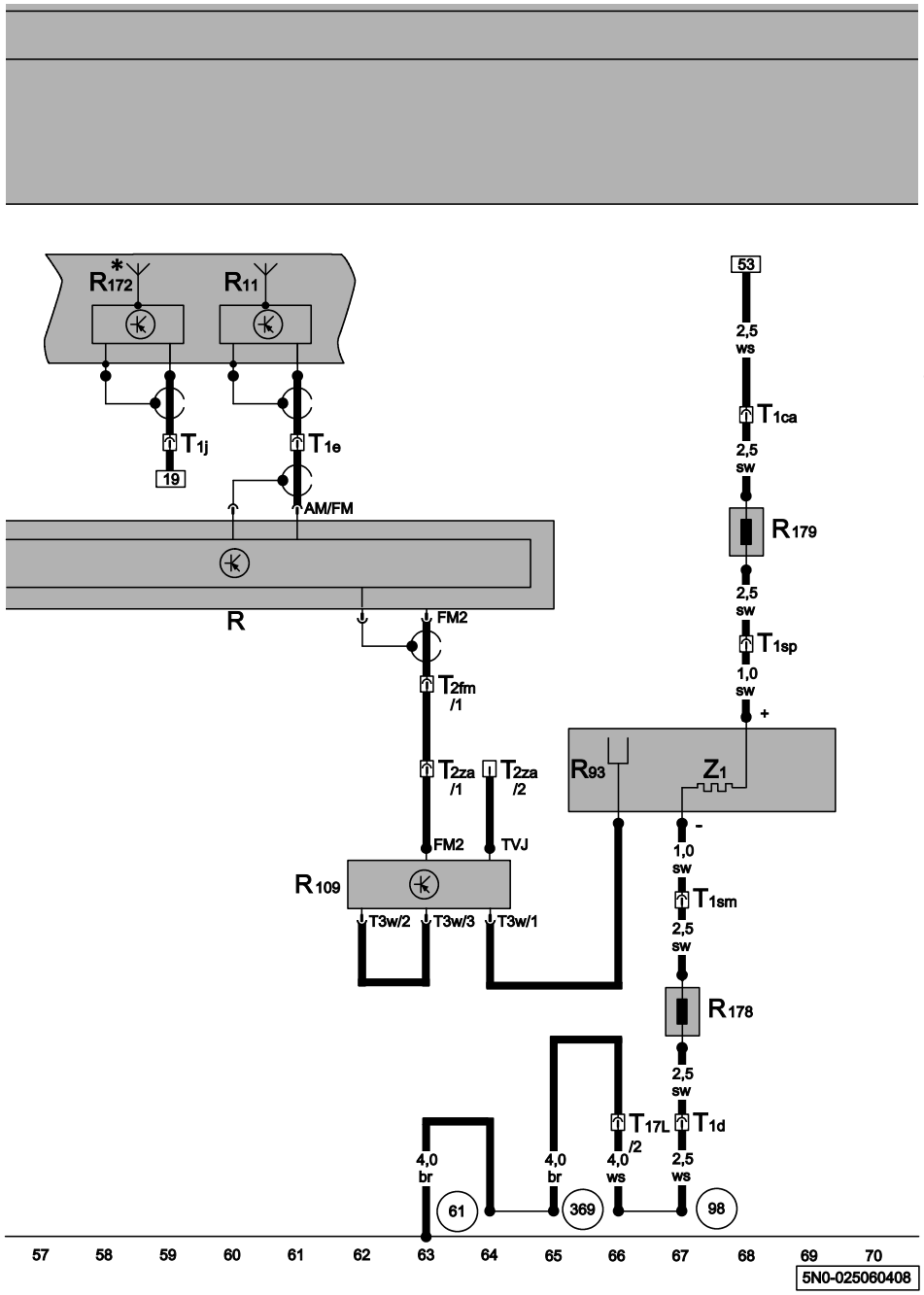
J9	Heated rear window relay
J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
SC44	Fuse 44 on fuse holder C
T4aq	4-pin connector, black
T4ax	4-pin connector, white
T12	12-pin connector, blue
T12a	12-pin connector, black
T16b	16-pin connector, black
T17L	17-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B170	Positive connection 2 (30), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Depends on equipment
**	Only models with centre armrest

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Aerials, aerial module, heated rear window, frequency filter for frequency modulation (FM), radio

R	Radio
R11	Aerial
R93	Radio aerial 2
R109	Right aerial module (impedance converter)
R172	Satellite tuner aerial
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1j	Single connector, green
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T17L	17-pin connector
Z1	Heated rear window
61	Earth point, on left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
*	Depends on equipment



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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Electromechanical parking brake

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

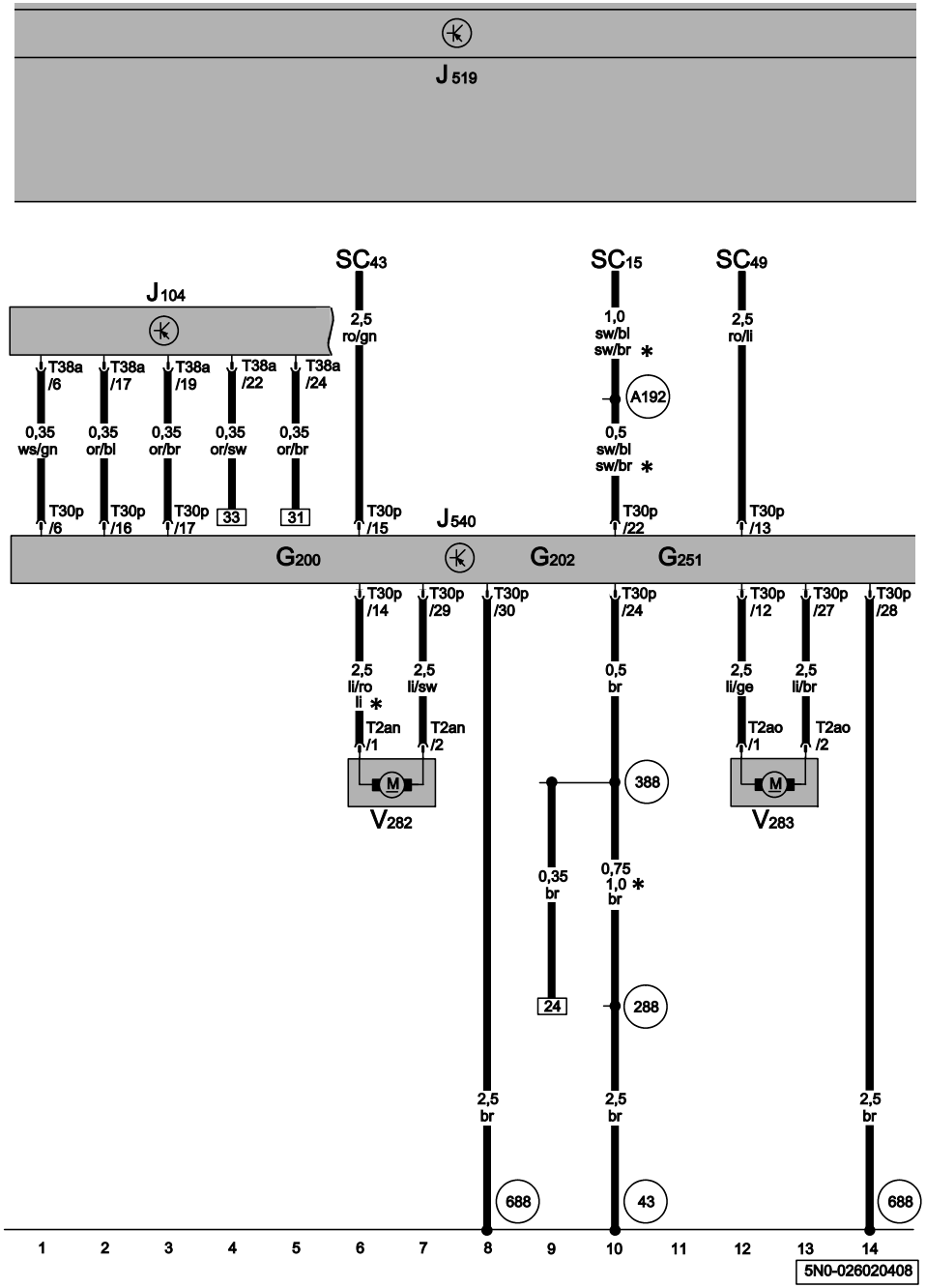
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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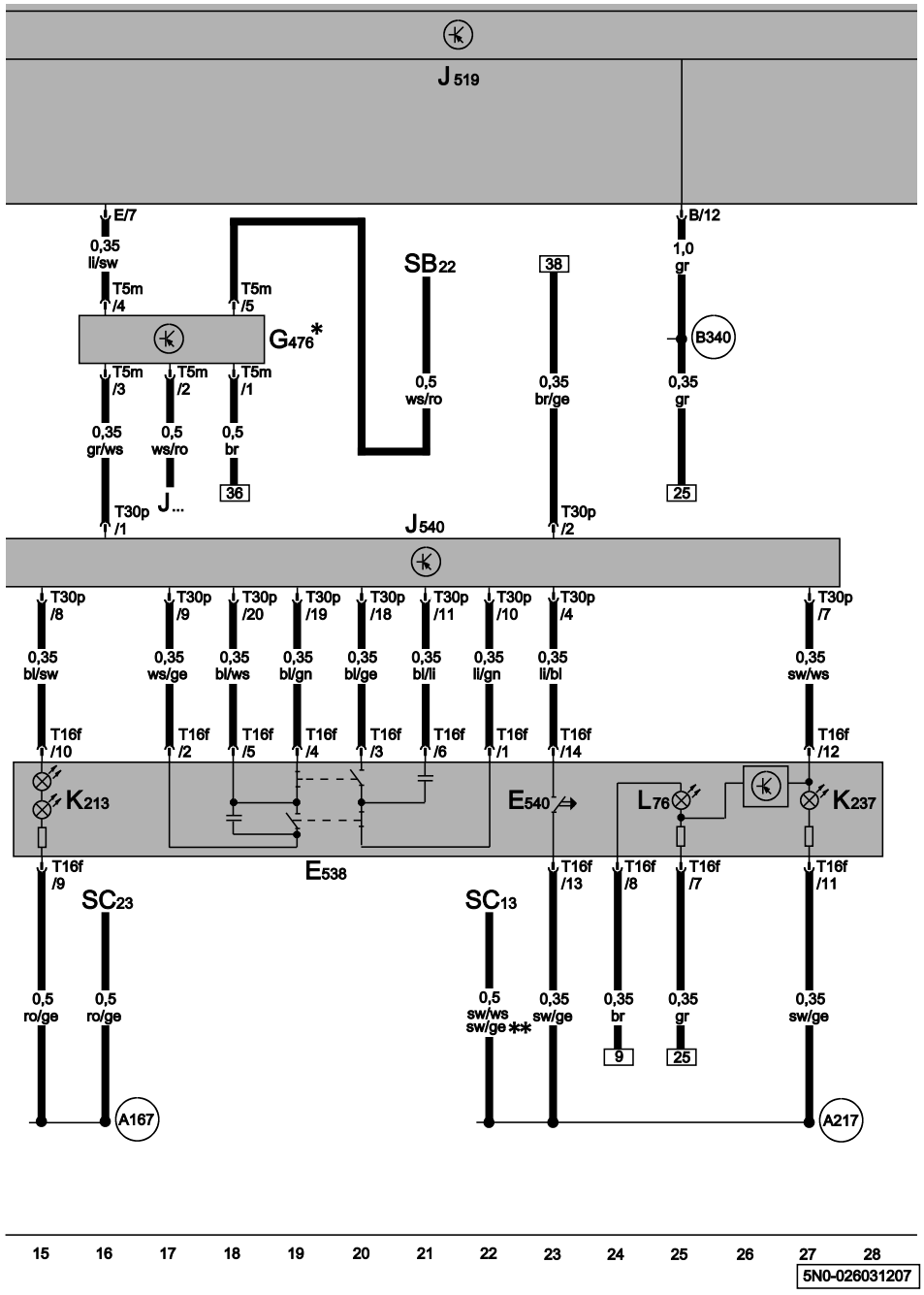


Yaw rate sender, left parking brake motor, right parking brake motor, longitudinal and lateral acceleration sender, ABS control unit, control unit for electromechanical parking brake

G200	Lateral acceleration sender
G202	Yaw rate sender
G251	Longitudinal acceleration sender
J104	ABS control unit
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
SC15	Fuse 15 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC49	Fuse 49 on fuse holder C
T2an	2-pin connector, brown
T2ao	2-pin connector, brown
T30p	30-pin connector, black
T38a	38-pin connector, black
V282	Left parking brake motor
V283	Right parking brake motor
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 23, in main wiring harness
688	Earth point 2, on centre tunnel
A192	Positive connection 3 (15a) in dash panel wiring harness
*	From May 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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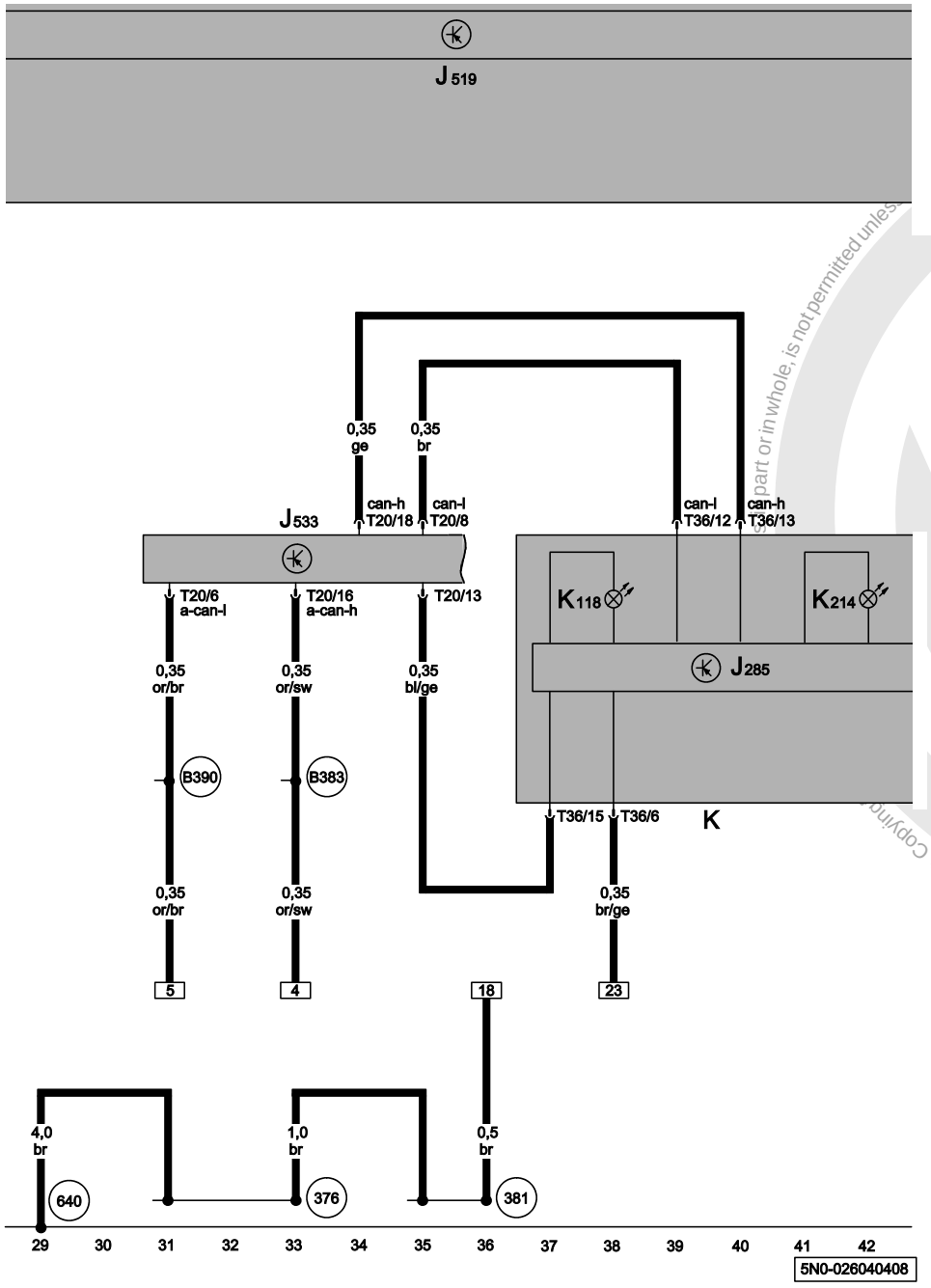


Clutch position sender, control unit for electromechanical parking brake, AUTO HOLD button, electromechanical parking brake button

G476	Clutch position sender
E538	Electromechanical parking brake button
E540	Auto-hold button
K213	Electromechanical parking brake warning lamp
K237	Auto-hold warning lamp
L76	Button illumination bulb
J...	Engine control units
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
SB22	Fuse 22 on fuse holder B
SC13	Fuse 13 on fuse holder C
SC23	Fuse 23 on fuse holder C
T5m	5-pin connector, black
T16f	16-pin connector
T30p	30-pin connector, black
A167	Positive connection 3 (30a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with manual gearbox
**	Gradual introduction in model year 2008

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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Data bus diagnosis interface, fault lamp for electronic parking brake and handbrake, braking system warning lamp, dash panel insert

J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnosis interface
K	Dash panel insert
K118	Brake system warning lamp
K214	Electric parking brake and handbrake fault warning lamp
T20	20-pin connector, red
T36	36-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, on left in engine compartment
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

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Electric seat adjustment with lumbar support adjustment

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

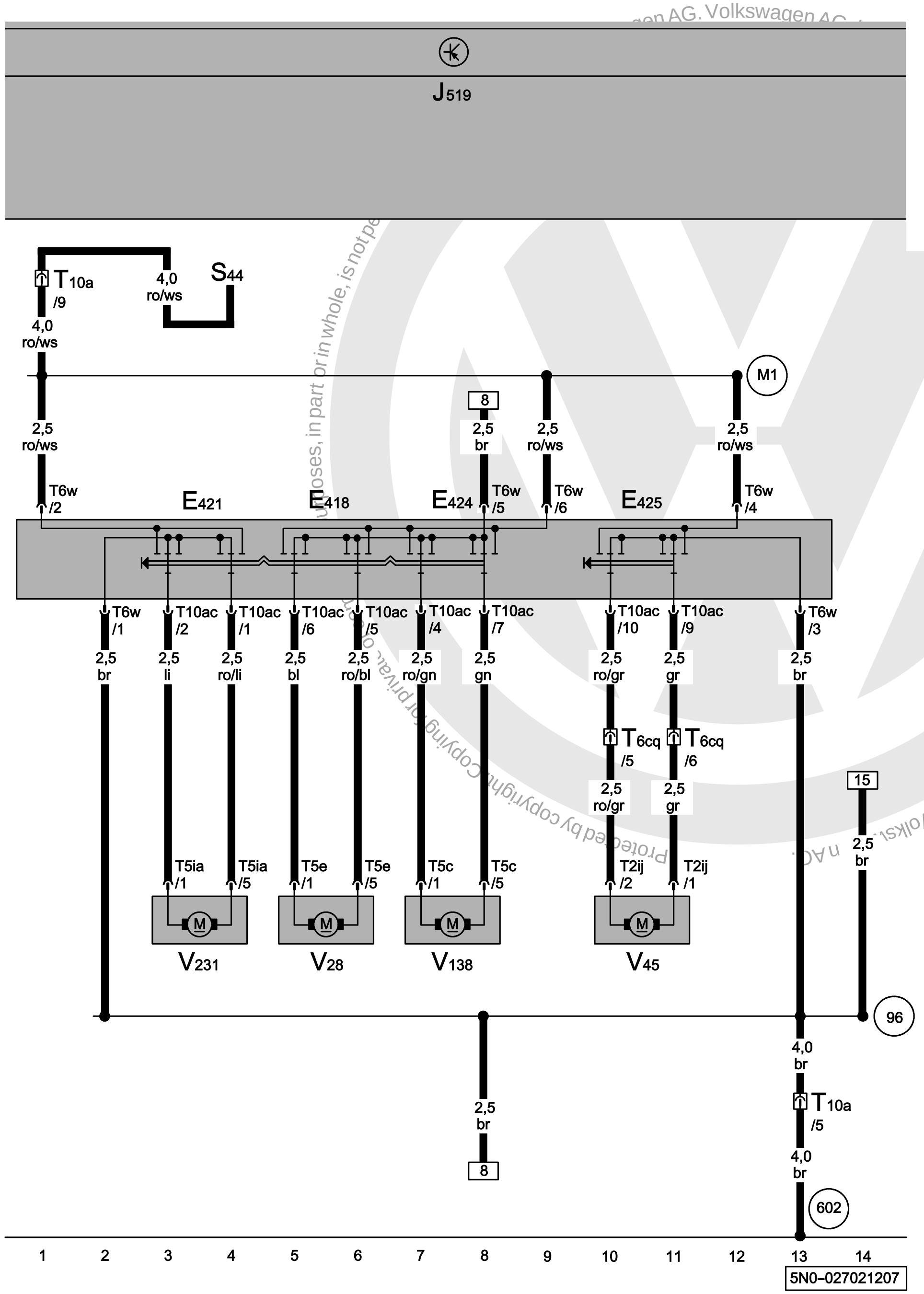
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- Fault Finding Programs

⇒ Guided Fault Finding

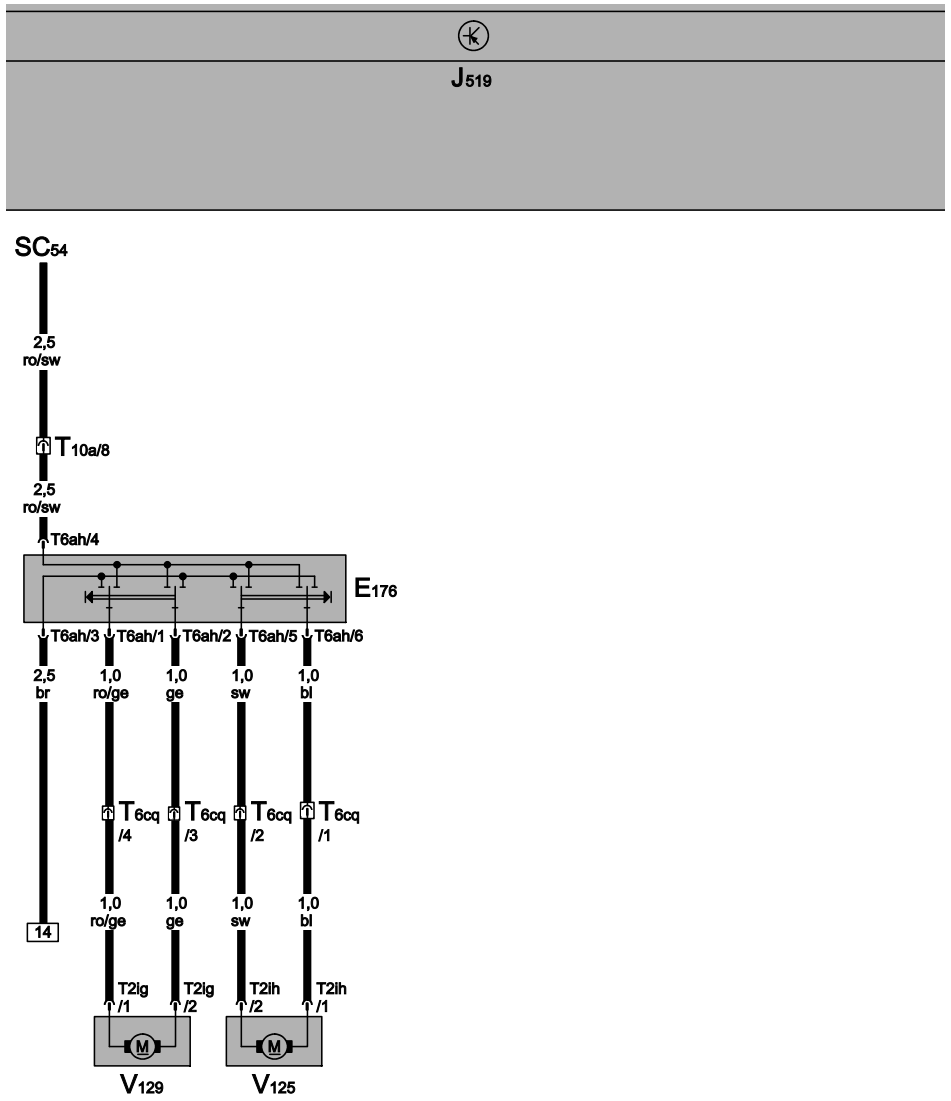
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Driver seat height adjustment, driver seat longitudinal adjustment, driver seat backrest adjustment, seat rake adjustment

E418	Seat longitudinal adjustment button
E421	Seat longitudinal adjustment button
E424	Seat height adjustment button
E425	Backrest adjustment button
J519	Onboard supply control unit
S44	Driver seat adjustment thermal fuse 1
T2ij	2-pin connector
T5c	5-pin connector, black
T5e	5-pin connector, black
T5ia	5-pin connector, black
T6cq	6-pin connector, black, under driver seat
T6w	6-pin connector, black
T10a	10-pin connector, black, under driver seat
T10ac	10-pin connector, black
V28	Driver seat longitudinal adjustment motor
V45	Driver seat backrest adjustment motor
V138	Driver seat height adjustment motor
V231	Seat rake adjustment motor
96	Earth connection 1, in seat heating wiring harness
602	Earth point, in front left footwell
M1	Positive connection 1 (30), in seat adjustment wiring harness

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
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li	=	purple
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or	=	orange
rs	=	pink



Driver seat lumbar support adjustment motor, driver seat lumbar support adjustment switch

E176	Driver seat lumbar support adjustment switch
J519	Onboard supply control unit
SC54	Fuse 54 on fuse holder C
T2ig	2-pin connector, black
T2ih	2-pin connector, black
T6ah	6-pin connector
T6cq	6-pin connector, black, under driver seat
T10a	10-pin connector, black, under driver seat
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor

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Headlight washer system (HWS)

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

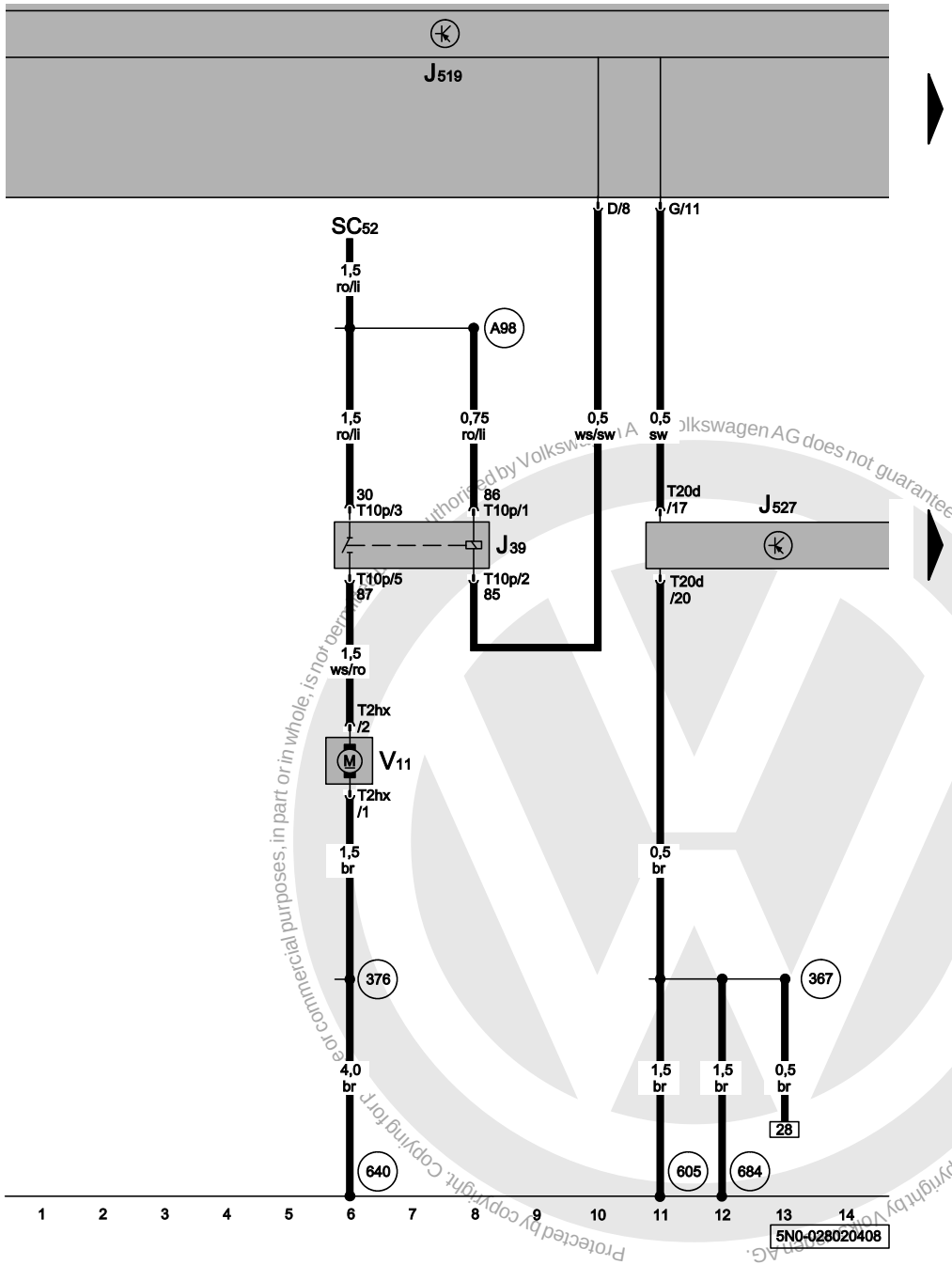
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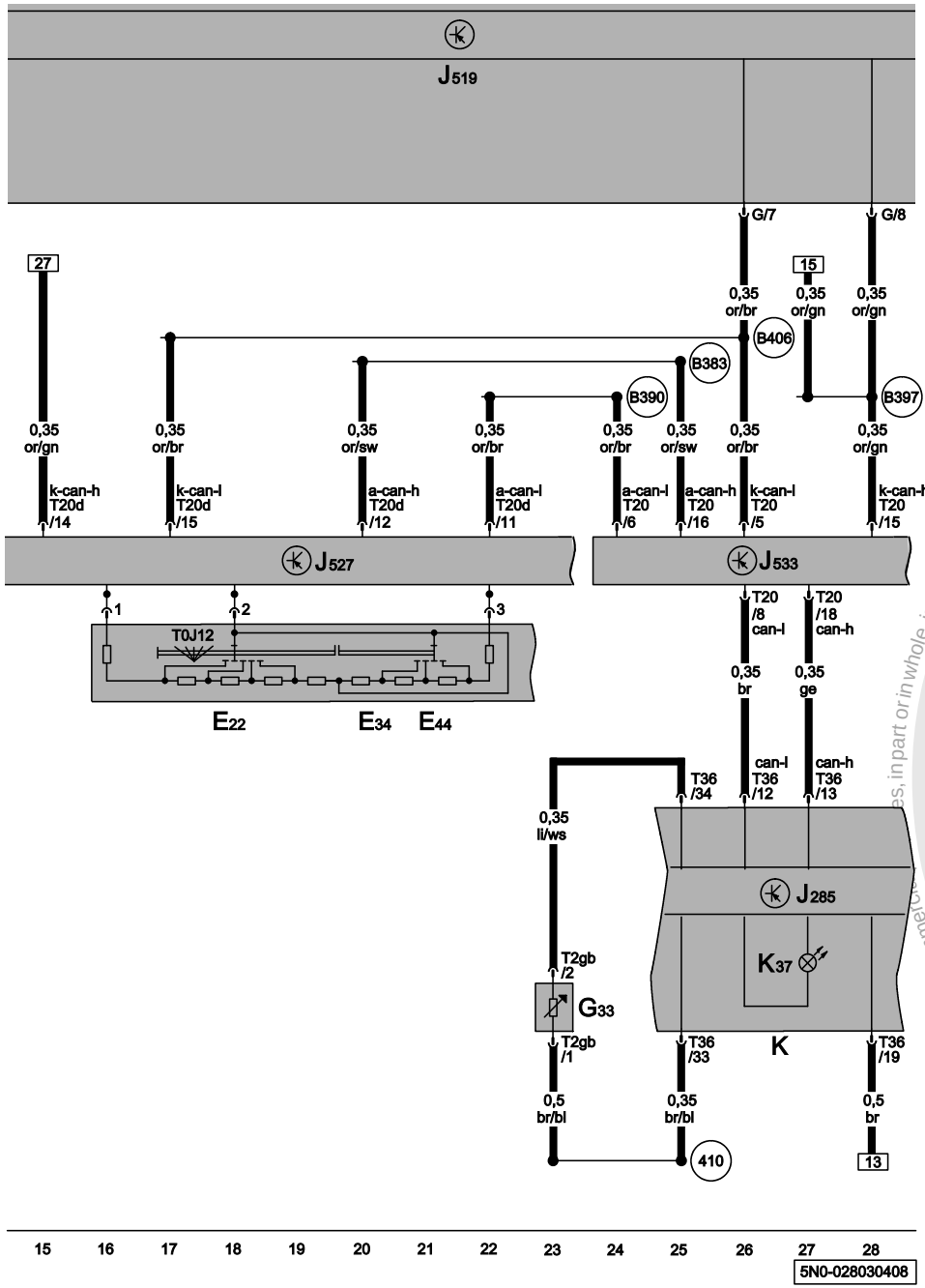


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Headlight washer system pump, headlight washer system relay, control unit for steering column electronics

J39	Headlight washer system relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
SC52	Fuse 52 on fuse holder C
T2hx	2-pin connector, brown
T10p	10-pin connector, black
T20d	20-pin connector, black
V11	Headlight washer system pump
367	Earth connection 2, in main wiring harness
376	Earth connection 11, in main wiring harness
605	Earth point, on top of steering column
640	Earth point 2, on left in engine compartment
684	Earth point, on front of left side member
A98	Positive connection 4 (30a) in dash panel wiring harness

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Rear wiper switch, windscreen washer fluid level control, windscreen wiper switch, steering column electronics control unit

E22	Intermittent wiper switch
E34	Rear wiper switch
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
G33	Windscreen washer fluid level sender
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J527	Steering column electronics control unit
J533	Data bus diagnosis interface
K	Dash panel insert
K37	Washer fluid level warning lamp
T2gb	2-pin connector, black
T20	20-pin connector, red
T20d	20-pin connector, black
T36	36-pin connector
410	Earth connection 1 (sender earth), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

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Parking aid (PDC), only models with no park assist steering (PA)

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

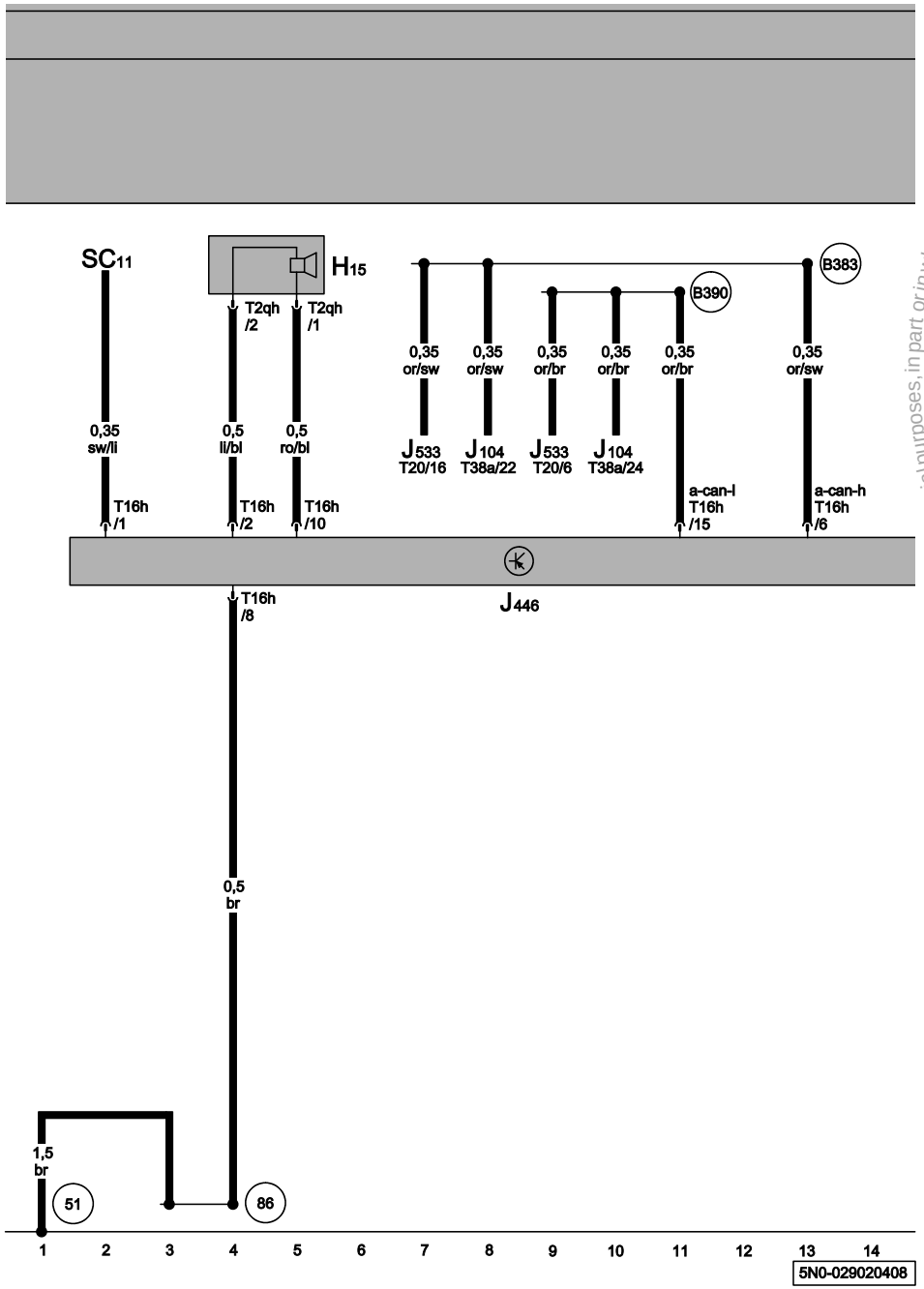
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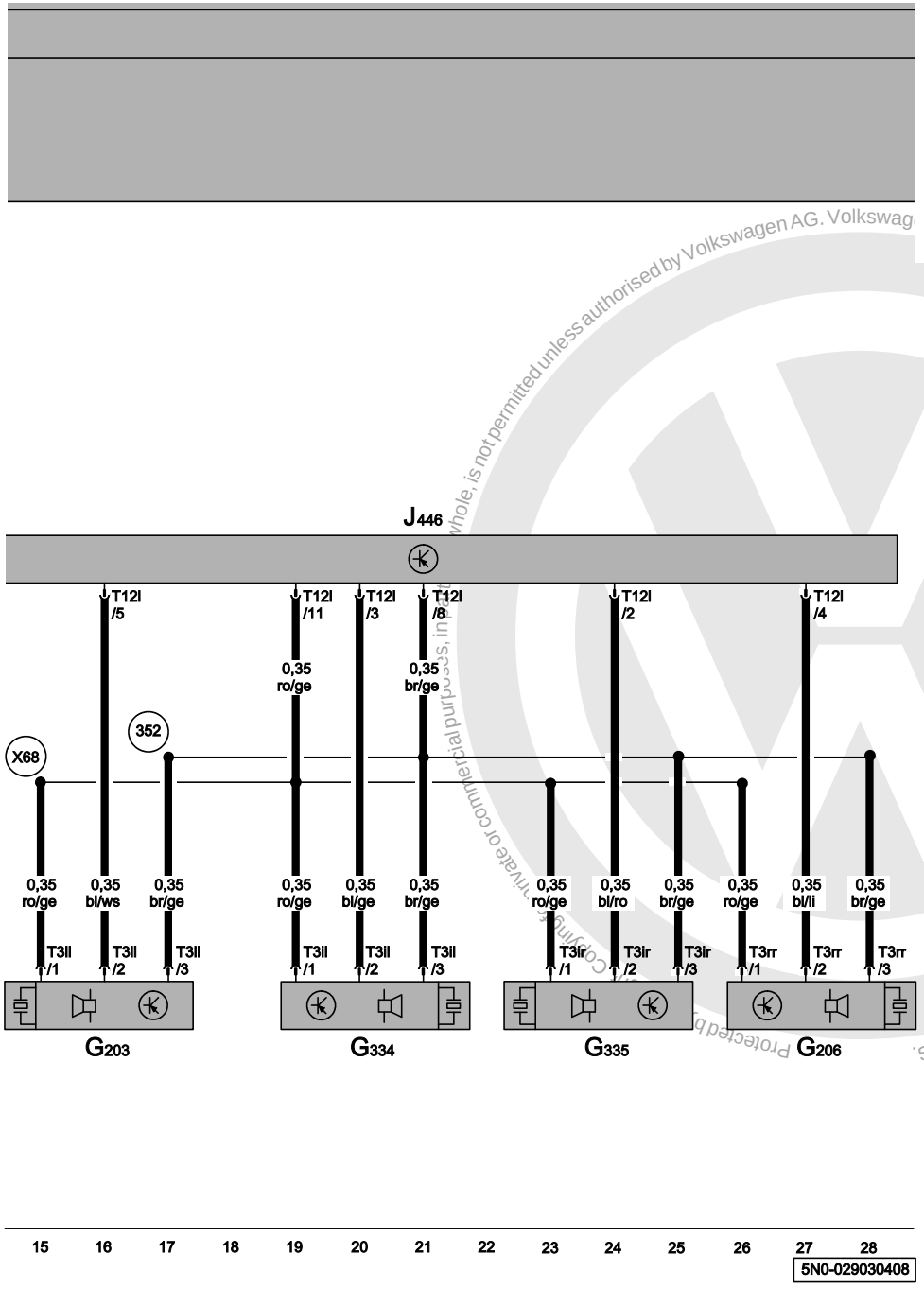


Fuse SC11, parking aid control unit, rear parking aid warning buzzer

H15	Rear parking aid warning buzzer
J104	ABS control unit
J446	Parking aid control unit
J533	Data bus diagnosis interface
SC11	Fuse 11 on fuse holder C
T2qh	2-pin connector, black
T16h	16-pin connector, brown
T20	20-pin connector, red
T38a	38-pin connector, black
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
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Rear parking aid sender, parking aid control unit

G203	Rear left parking aid sender
G206	Rear right parking aid sender
G334	Rear left inner parking aid sender
G335	Rear right inner parking aid sender
J446	Parking aid control unit
T3il	3-pin connector
T3ll	3-pin connector
T3ir	3-pin connector
T3rr	3-pin connector
T12l	12-pin connector, black
352	Earth connection (parking aid), in rear bumper wiring harness
X68	Connection (parking aid), in front bumper wiring harness

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Trailer coupling

⇒ **Preparation for trailer coupling**

From November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

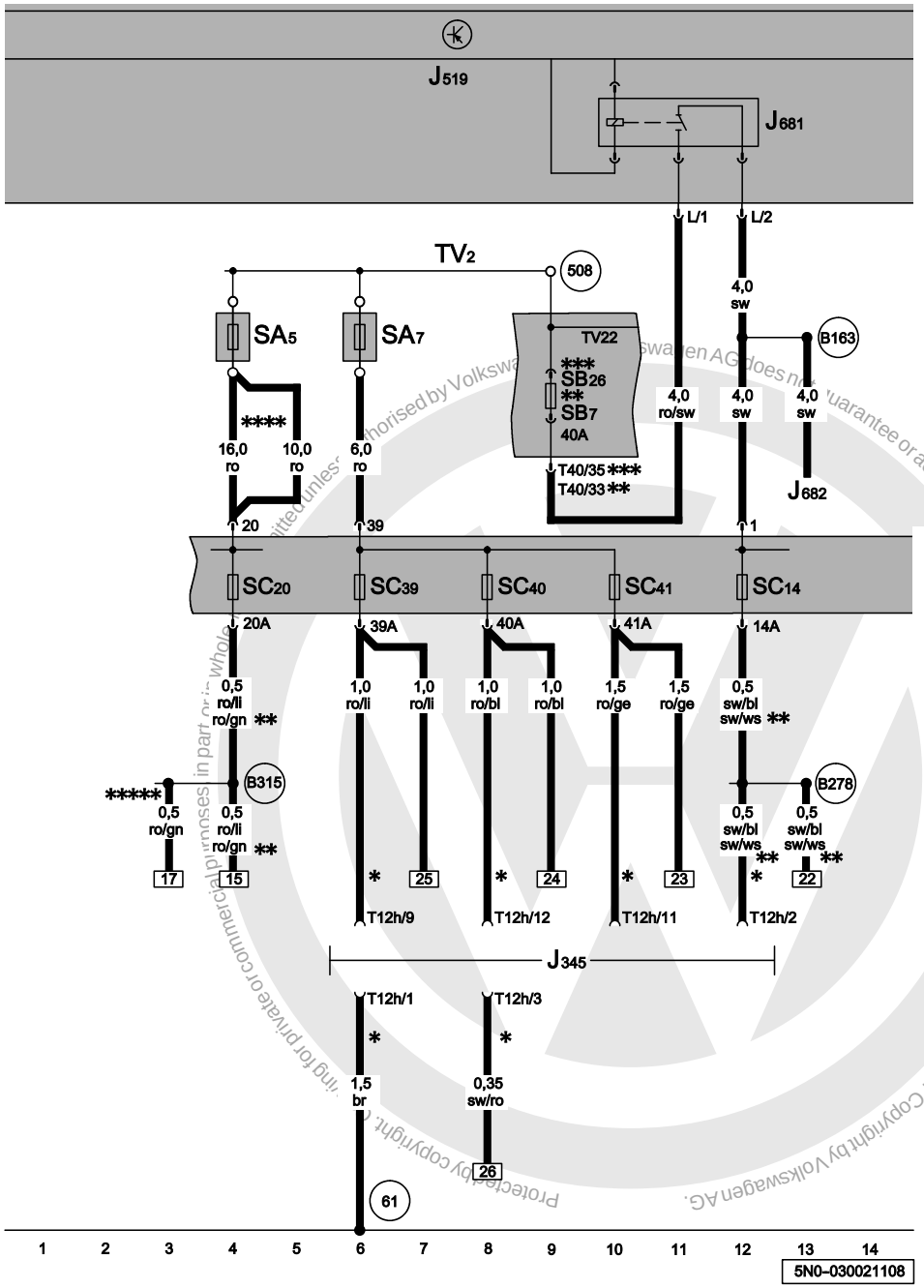
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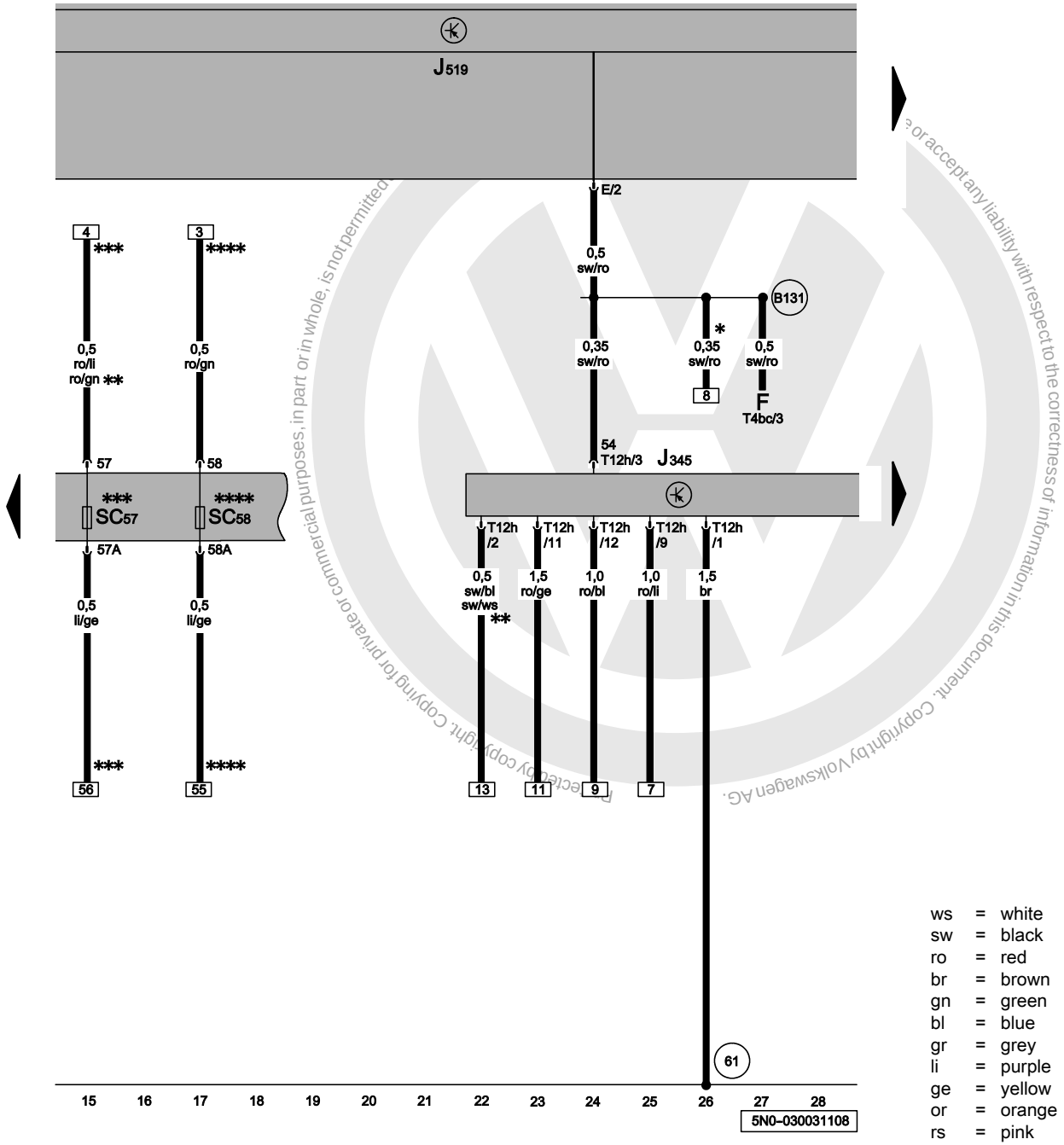


ws = white
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Terminal 15 voltage supply relay 2, fuses

J345	Trailer detector control unit
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SA5	Fuse 5 on fuse holder A
SA7	Fuse 7 on fuse holder A
SB7	Fuse 7 on fuse holder B
SB26	Fuse 26 on fuse holder B
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
T12h	12-pin connector, red
T40	40-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
61	Earth point, on left C-pillar
508	Screw connection (30) on E-box
B163	Positive connection 1 (15), in interior wiring harness
B278	Connection 2 (15a), in main wiring harness
B315	Connection 1 (30a), in main wiring harness
*	Only models with preparation for trailer coupling
**	Gradual introduction in model year 2008
***	Up to May 2008
****	Depends on equipment
*****	From November 2008

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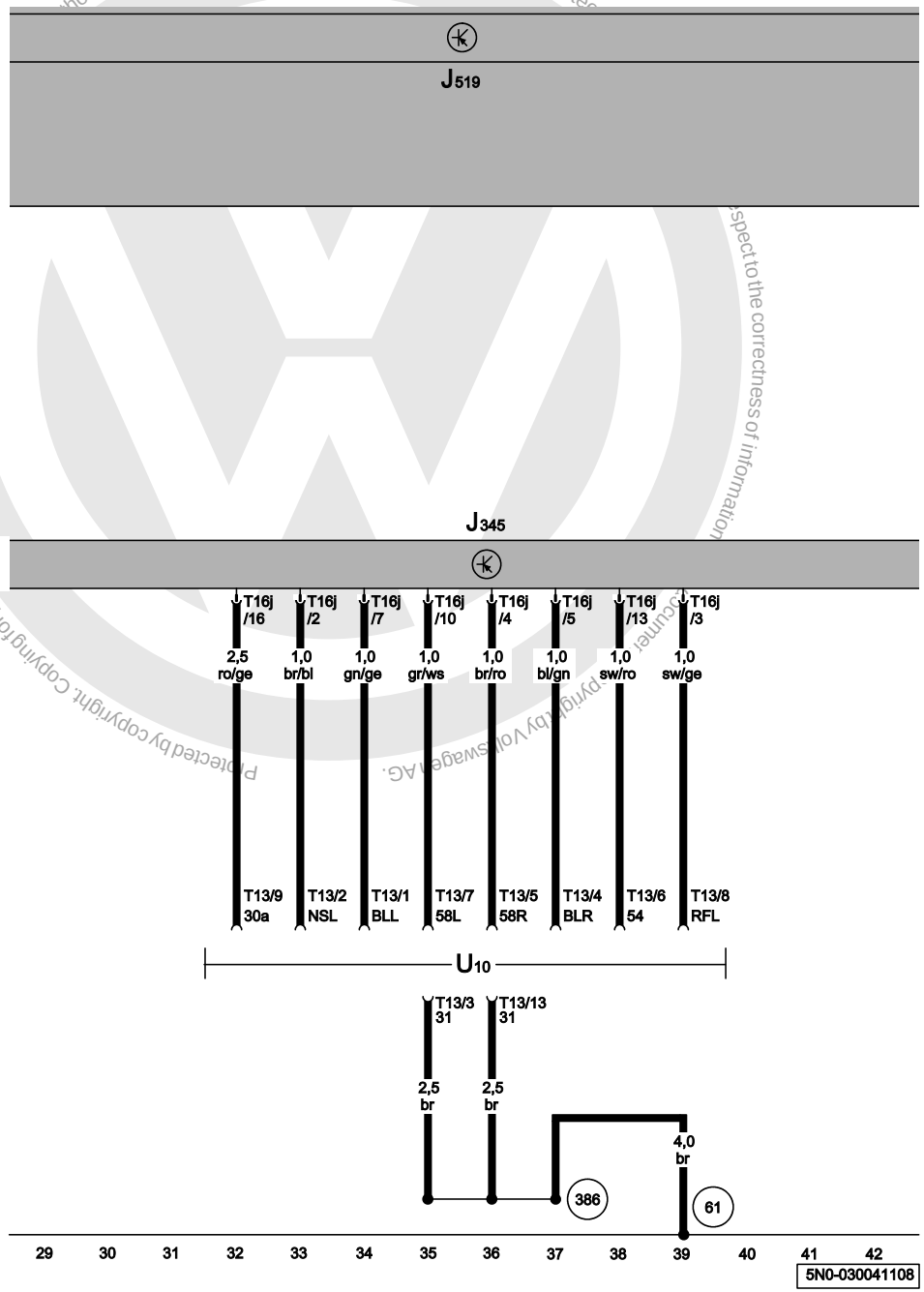
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Terminal 15 voltage supply relay 2, fuses

F	Brake light switch
J345	Trailer detector control unit
J519	Onboard supply control unit
SC57	Fuse 57 on fuse holder C
SC58	Fuse 58 on fuse holder C
T4bc	4-pin connector, black
T12h	12-pin connector, red
61	Earth point, on left C-pillar
B131	Connection (54), in interior wiring harness
*	Only models with preparation for trailer coupling
**	Gradual introduction in model year 2008
***	Up to November 2008
****	From November 2008

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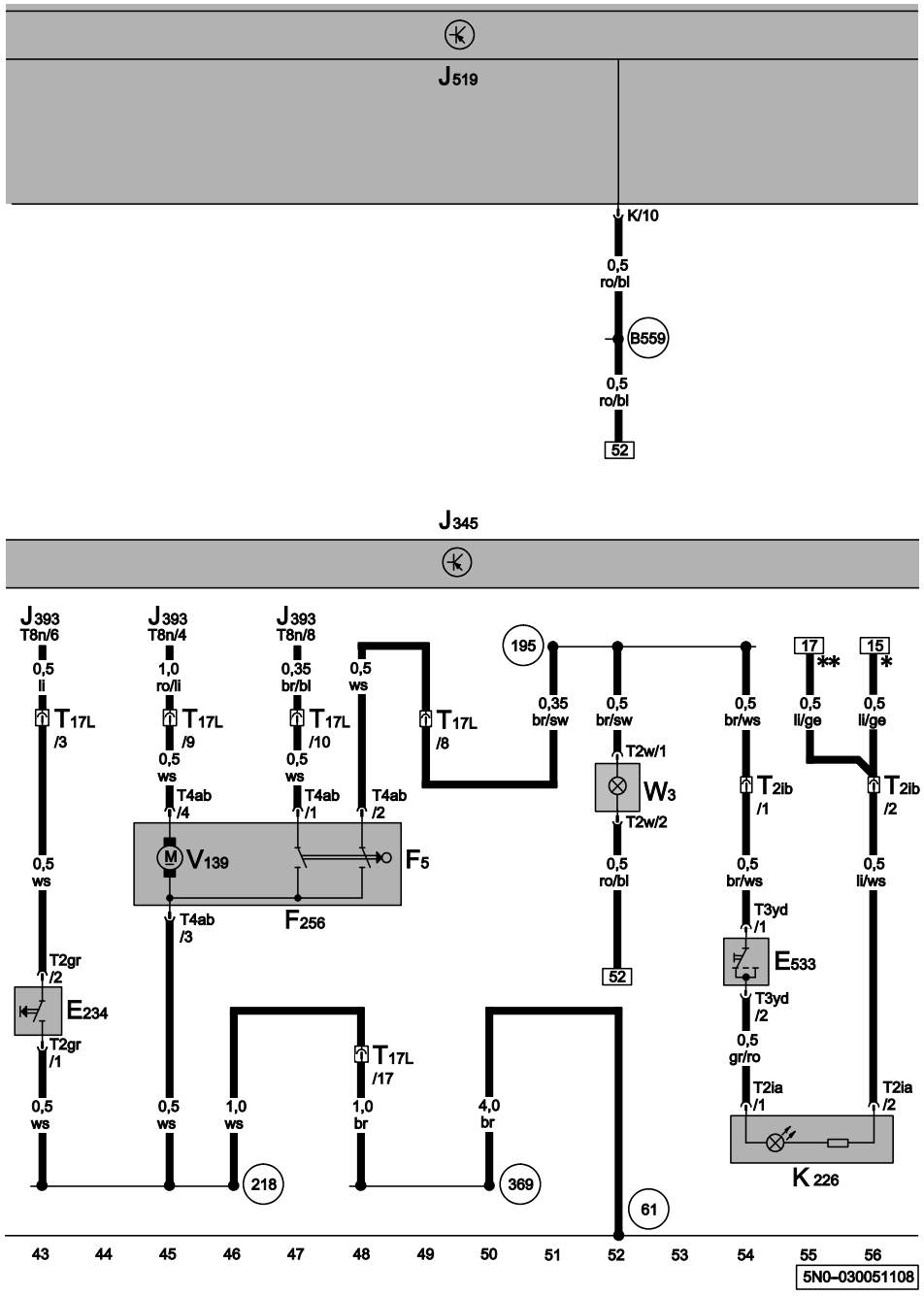
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Electric socket for trailer coupling, trailer detector control unit

J345	Trailer detector control unit
J519	Onboard supply control unit
T13	13-pin connector, black
T16j	16-pin connector, black
U10	Trailer socket
61	Earth point, on left C-pillar
386	Earth connection 21, in main wiring harness

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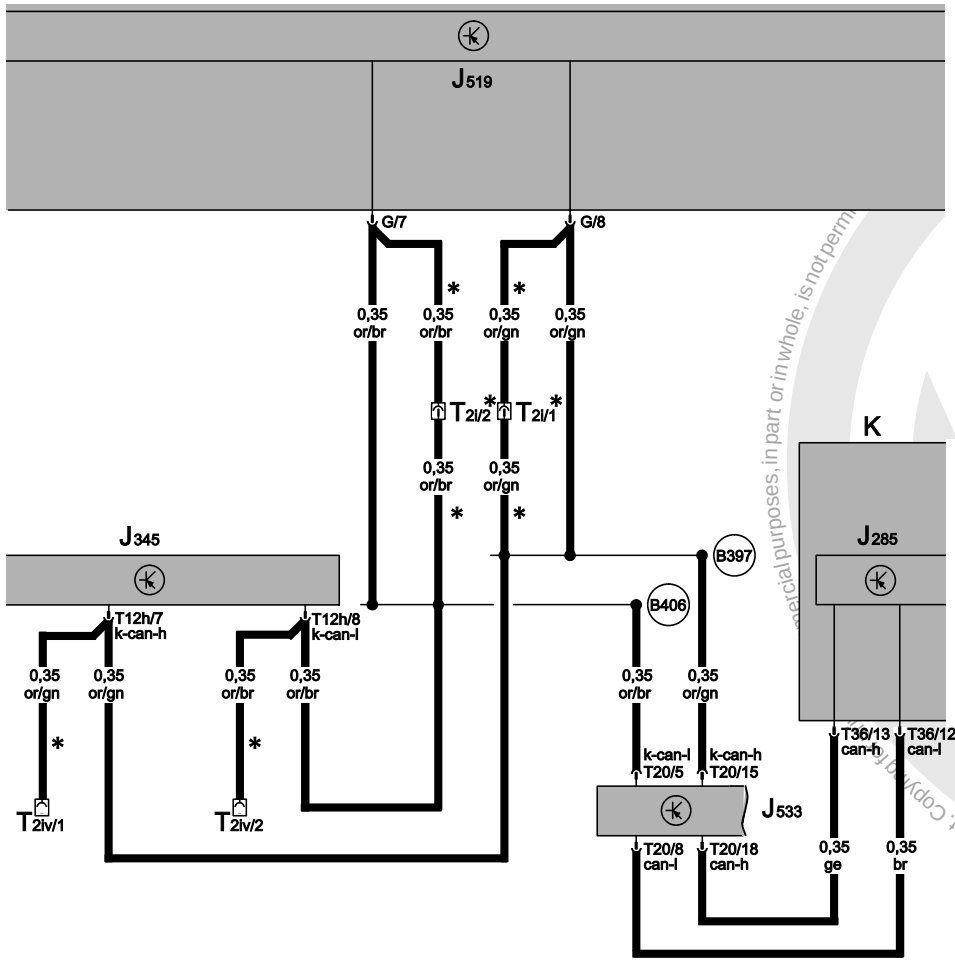
Trailer towing attachment locked warning lamp, luggage compartment light switch, rear lid lock unit, lock button

E234	Rear lid handle release button
F5	Luggage compartment light switch
E553	Lock button
F256	Rear lid lock unit
J345	Trailer detector control unit, in rear left side panel
J393	Convenience system central control unit
J519	Onboard supply control unit
K226	Trailer towing attachment locked warning lamp, in bumper
T2ia	2-pin connector, black
T2ib	2-pin connector, black
T2gr	2-pin connector
T2w	2-pin connector, black
T3yd	3-pin connector, black
T4ab	4-pin connector, black
T8n	8-pin connector, black
T17L	17-pin connector, black
V139	Rear lid release motor
W3	Luggage compartment light
61	Earth point, on left C-pillar
195	Earth connection, in rear door switch wiring harness
218	Earth connection 1, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
B559	Connection 1 (30g), in main wiring harness
*	Up to November 2008
**	From November 2008

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Trailer operation warning lamp, trailer detector control unit



J285	Control unit in dash panel insert
J345	Trailer detector control unit
J519	Onboard supply control unit
J533	Data bus diagnosis interface
K	Dash panel insert
T2i	2-pin connector, black
T2iv	2-pin connector, black
T12h	12-pin connector, red
T20	20-pin connector, red
T36	36-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with preparation for trailer coupling

ws	=	white
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Xenon headlights with cornering light and headlight range control

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

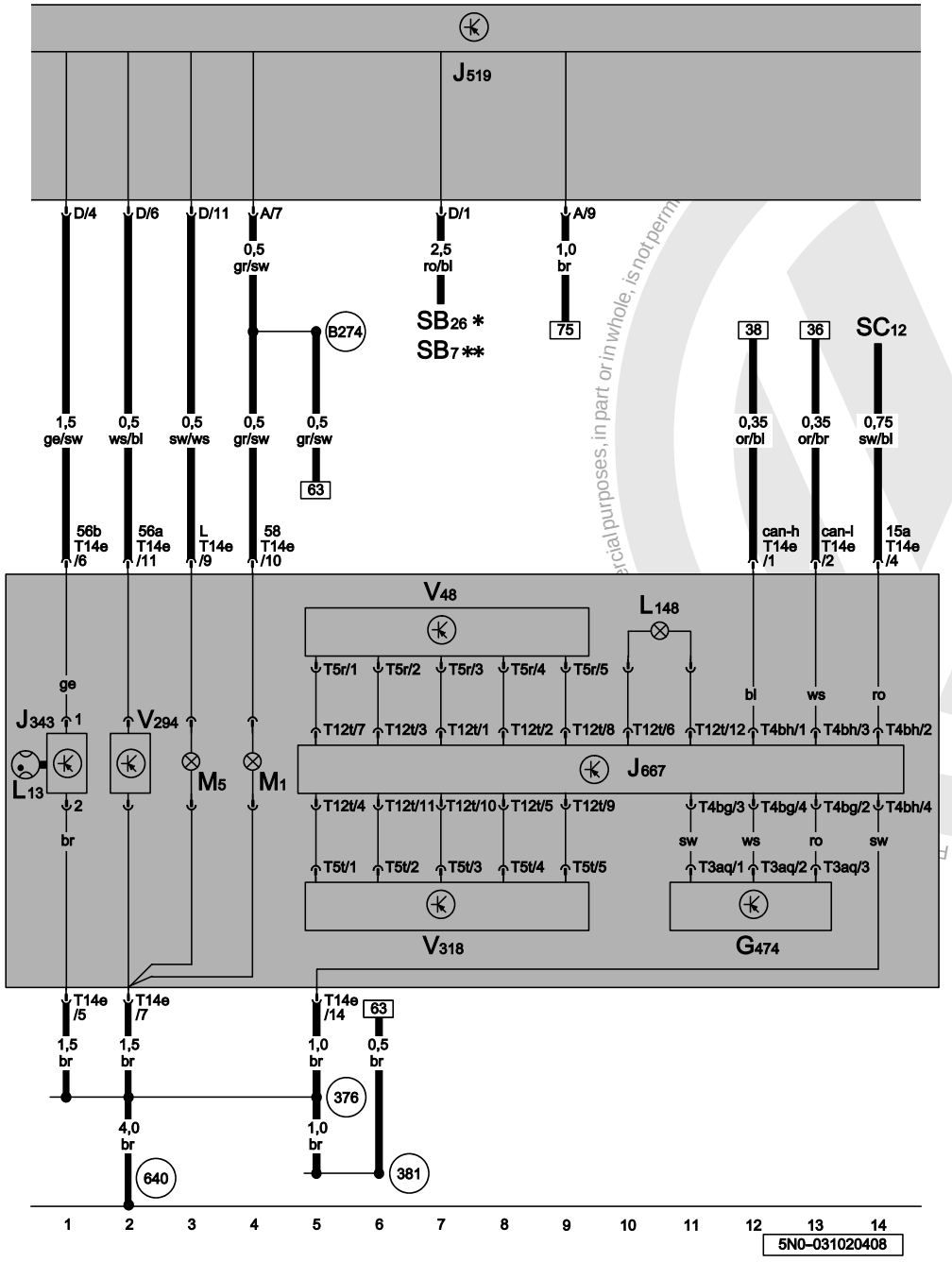
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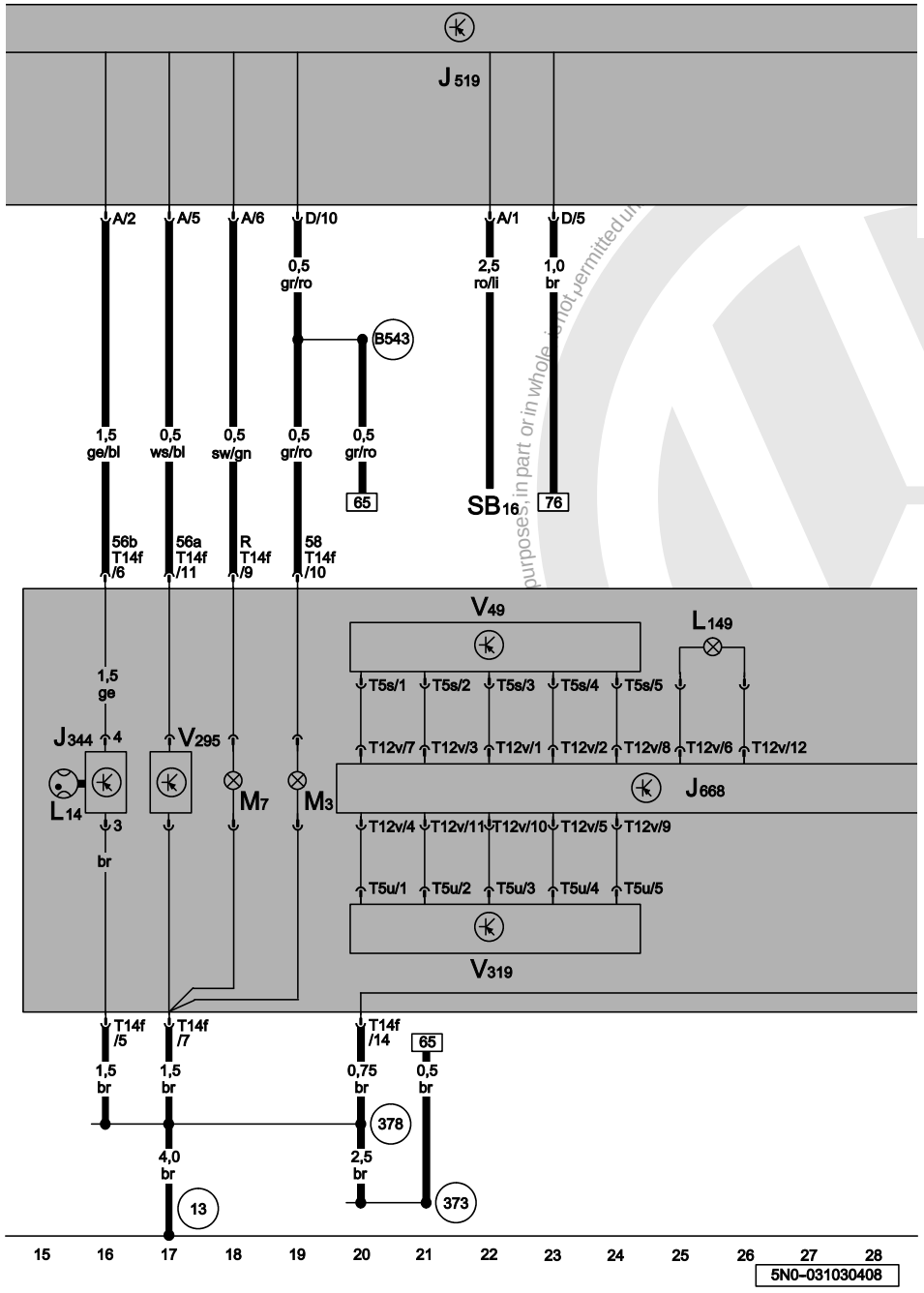


Left gas discharge light bulb, front left turn signal bulb, left cornering light bulb, power output module for left headlight, front left headlight

G474	Left swivel module position sensor
J343	Left gas discharge bulb control unit
J519	Onboard supply control unit
J667	Power output module for left headlight
L13	Left gas discharge (xenon) bulb
L148	Left cornering light bulb
M1	Left side light bulb
M5	Front left turn signal bulb
SB7	Fuse 7 on fuse holder B
SB26	Fuse 26 on fuse holder B
SC12	Fuse 16 on fuse holder C
T3aq	3-pin connector, in left headlight
T4bg	4-pin connector, in left headlight
T4bh	4-pin connector, in left headlight
T5r	5-pin connector, in left headlight
T5t	5-pin connector, in left headlight
T12t	12-pin connector, in left headlight
T14e	14-pin connector
V48	Left headlight range control motor
V294	Left dip beam screen motor
V318	Left dynamic cornering light control motor
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point, on left in engine compartment
B274	Positive connection (58L), in main wiring harness
*	From May 2008
**	Up to May 2008

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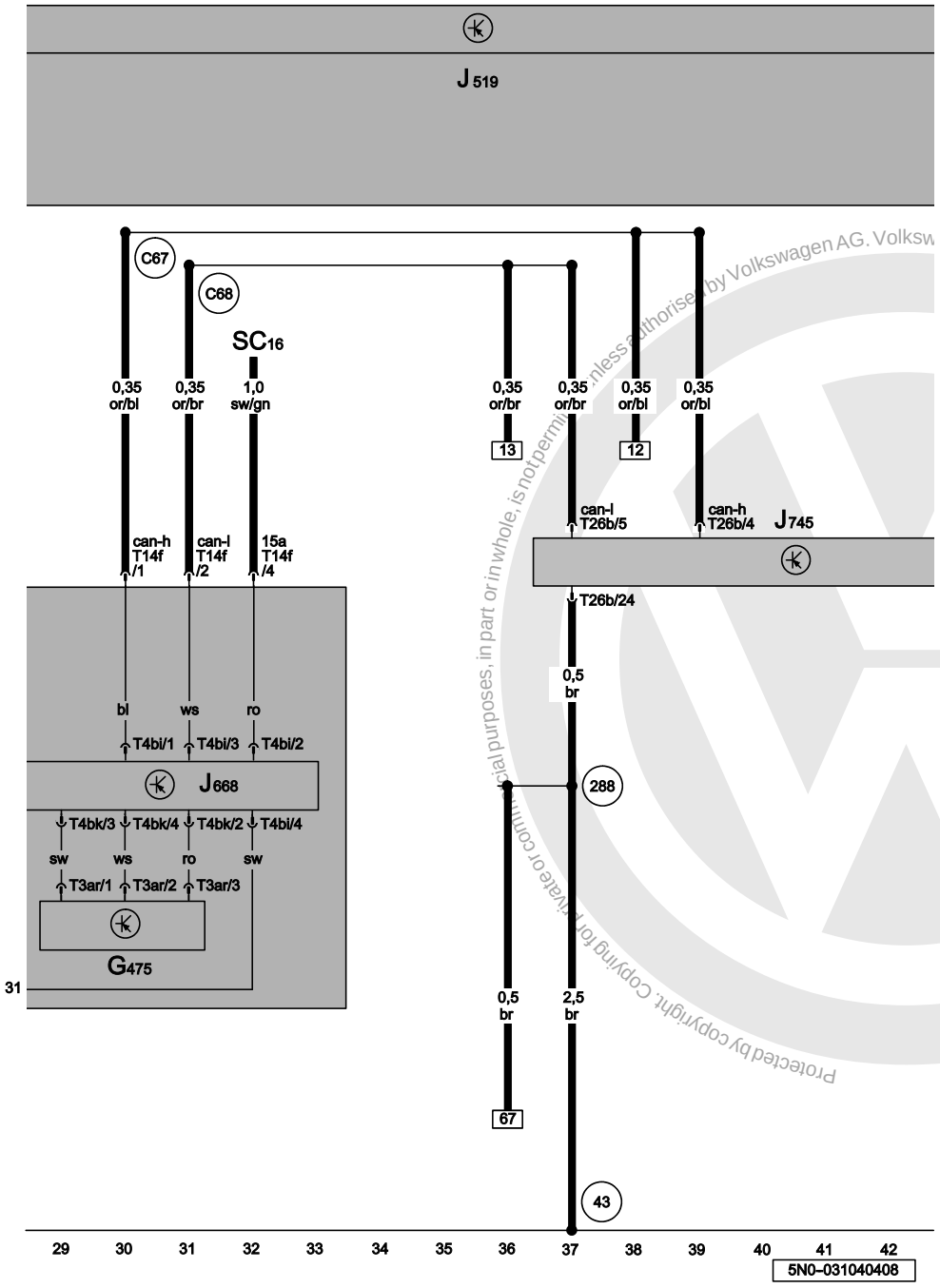


Right gas discharge light bulb, front right turn signal bulb, right cornering light bulb, power output module for right headlight, right headlight

J344	Right gas discharge bulb control unit
J519	Onboard supply control unit
J668	Power output module for right headlight
L14	Right gas discharge (xenon) bulb
L149	Right cornering light bulb
M3	Right side light bulb
M7	Front right turn signal bulb
SB16	Fuse 16 on fuse holder B
T5s	5-pin connector, in right headlight
T5u	5-pin connector, in right headlight
T12v	12-pin connector, in right headlight
T14f	14-pin connector
V49	Right headlight range control motor
V295	Right dip beam screen motor
V319	Right dynamic cornering light control motor
13	Earth point, on right in engine compartment
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
B543	Positive connection (58R), in main wiring harness 2 on right in engine compartment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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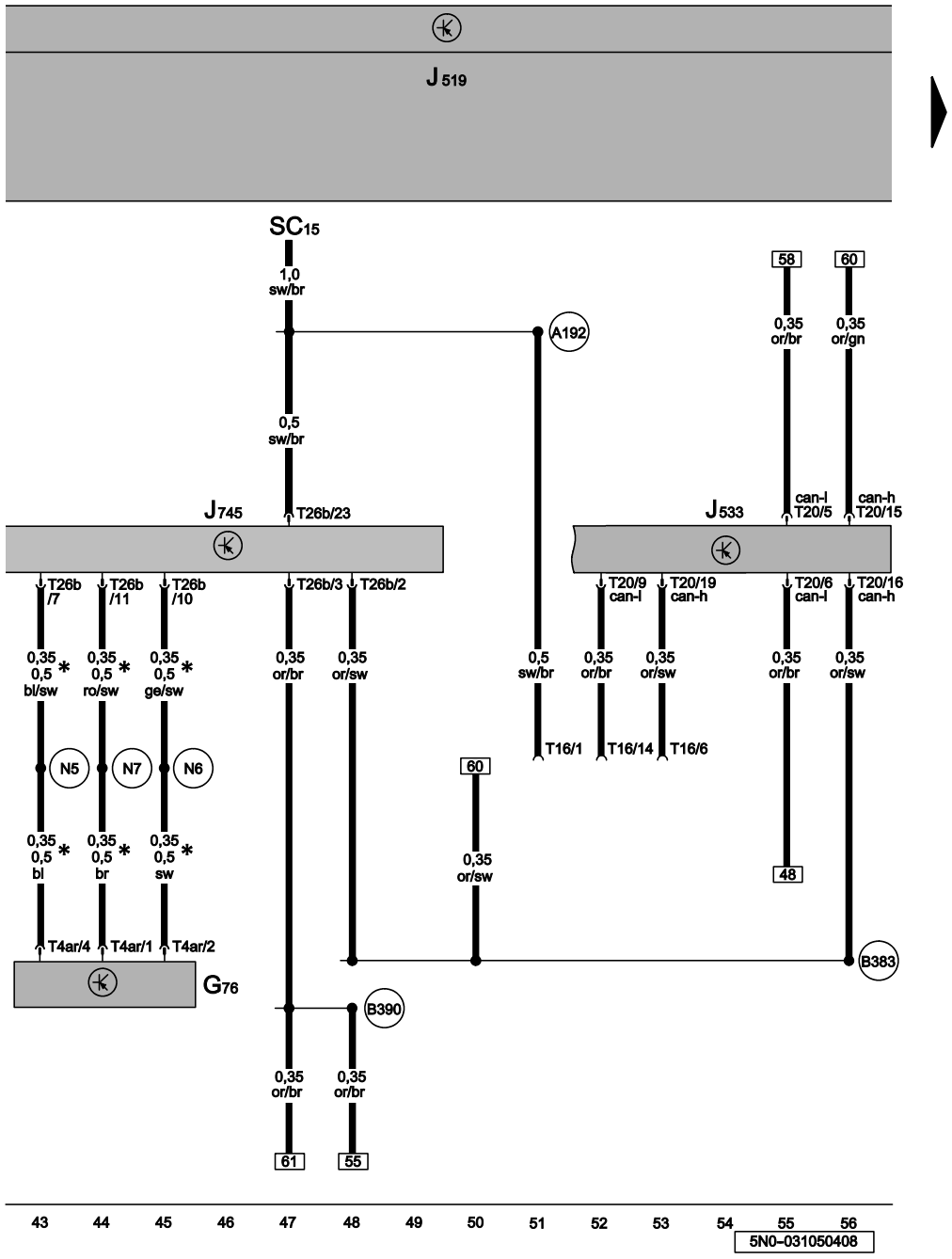


Power output module for right headlight, right headlight, control unit for cornering light and headlight range control

G475	Right swivel module position sensor
J519	Onboard supply control unit
J668	Power output module for right headlight
J745	Control unit for cornering light and headlight range control
SC16	Fuse 12 on fuse holder C
T3ar	3-pin connector, in right headlight
T4bi	4-pin connector, in right headlight
T4bk	4-pin connector, in right headlight
T14f	14-pin connector
T26b	26-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
C67	Connection (CAN bus, high), in headlight wiring harness
C68	Connection (CAN bus, low), in headlight wiring harness

ws	=	white
sw	=	black
ro	=	red
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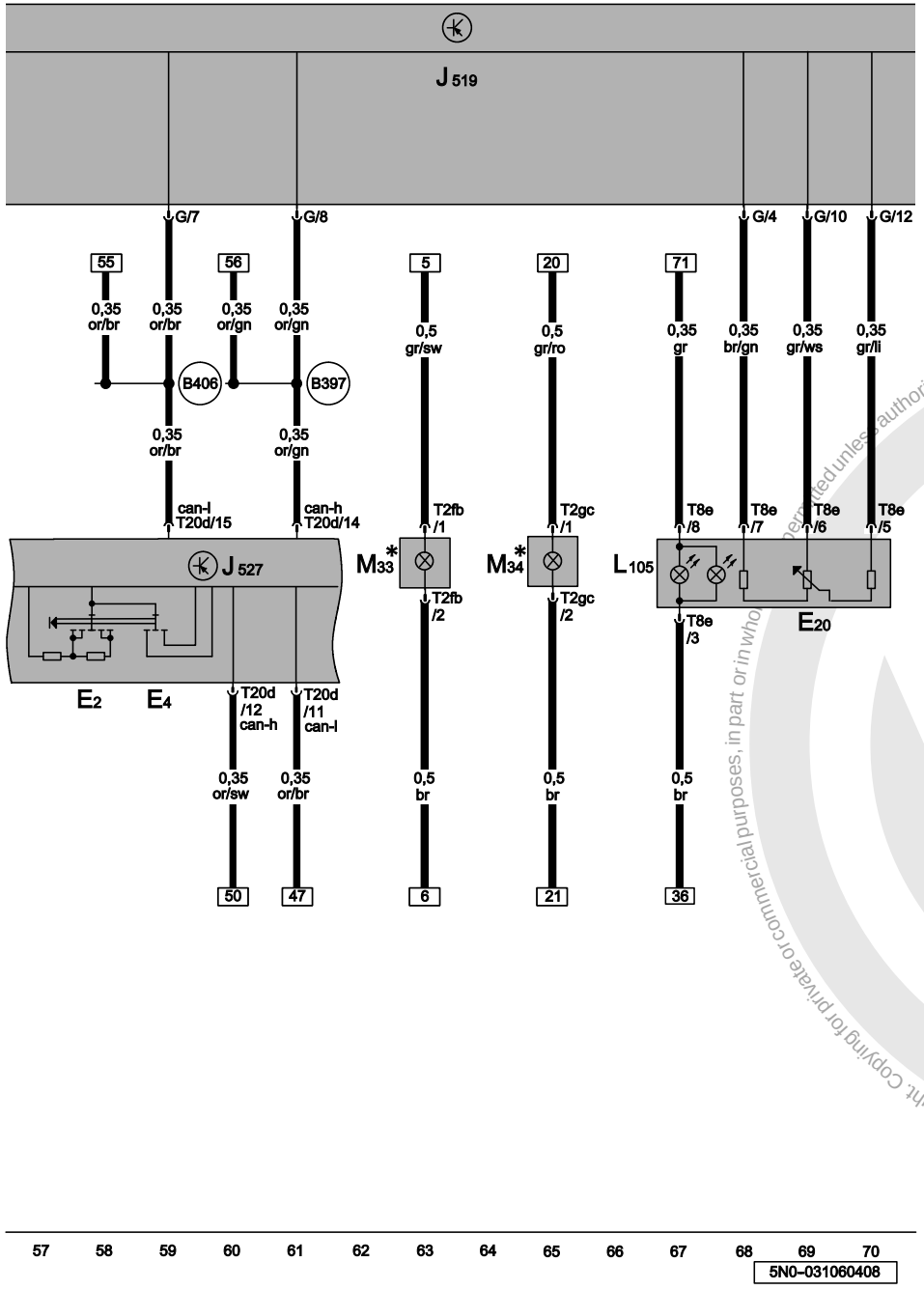
Self-diagnosis connection, data bus diagnosis interface, rear left vehicle level sender, control unit for cornering light and headlight range control

G76	Rear left vehicle level sender
J519	Onboard supply control unit
J533	Data bus diagnosis interface
J745	Control unit for cornering light and headlight range control
SC15	Fuse 15 on fuse holder C
T4ar	4-pin connector
T16	16-pin connector, self-diagnosis connection, on left under dash panel
T20	20-pin connector, red
T26b	26-pin connector
A192	Positive connection 3 (15a) in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
N5	Connection 4, in headlight range control wiring harness
N6	Connection 5, in headlight range control wiring harness
N7	Connection 6, in headlight range control wiring harness
*	Depends on equipment

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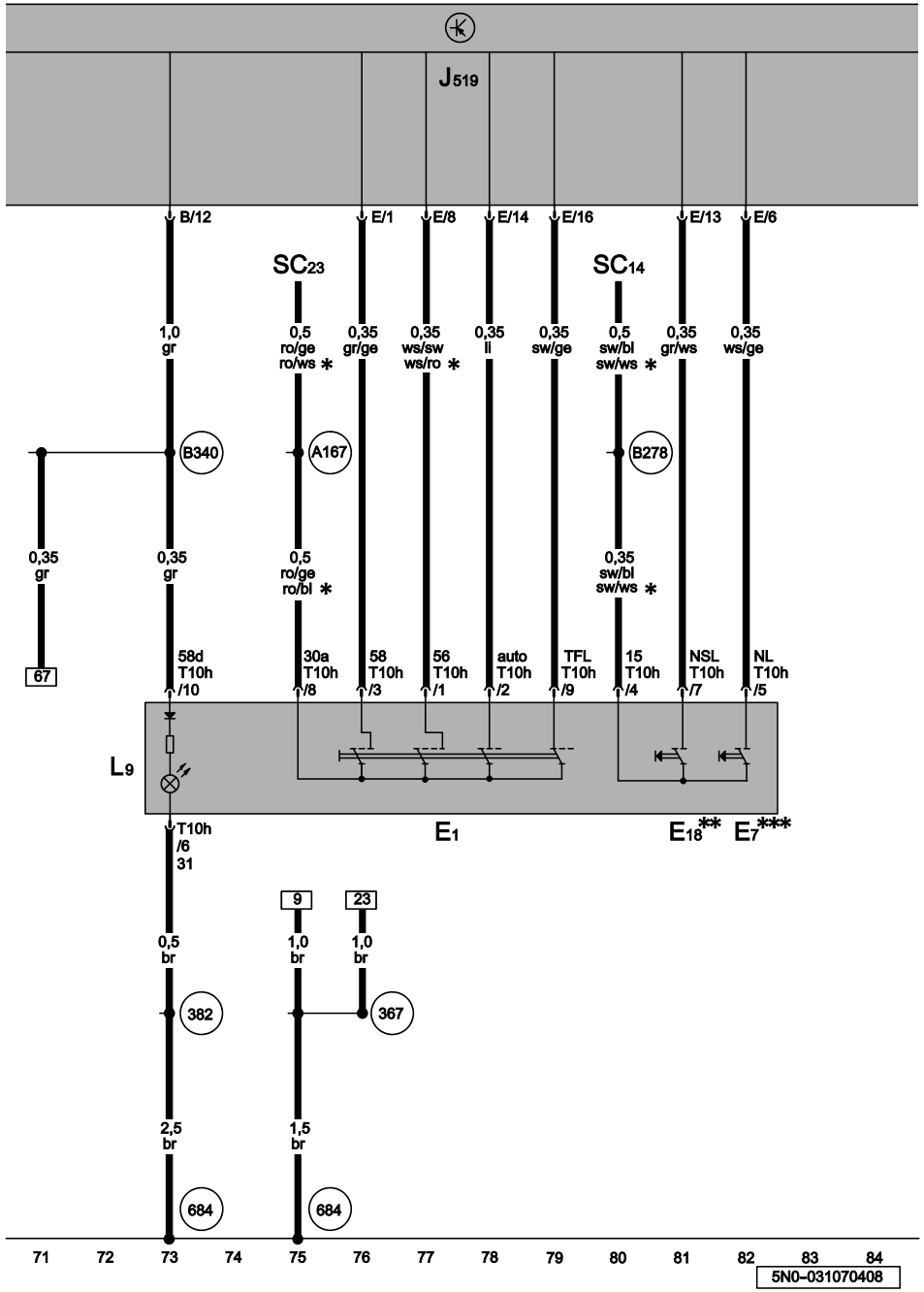
Turn signal switch, front left and front right side marker bulb, illumination regulator, headlight dipper and flasher switch



E2	Turn signal switch
E4	Headlight dipper and flasher switch
E20	Illumination regulators, switches, instruments
J519	Onboard supply control unit
J527	Steering column electronics control unit
L105	Illumination regulator illumination bulb
M33	Front left side marker bulb
M34	Front right side marker bulb
T2fb	2-pin connector
T2gc	2-pin connector
T8e	8-pin connector, black
T20d	20-pin connector, black
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Light switch, fog light switch, rear fog light switch

E1	Light switch
E7	Fog light switch
E18	Rear fog light switch
J519	Onboard supply control unit
L9	Light switch illumination bulb
SC23	Fuse 23 on fuse holder C
SC14	Fuse 14 on fuse holder C
T10h	10-pin connector, black
367	Earth connection 2, in main wiring harness
382	Earth connection 17, in main wiring harness
684	Earth point, on front of left side member
A167	Positive connection 3 (30a) in dash panel wiring harness
B278	Connection 2 (15a), in main wiring harness
B340	Connection 1 (58d), in main wiring harness
*	From May 2008
**	Only models with rear fog light
***	Only models with front fog light

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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Parking aid (PDC) with park assist steering (PA)

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

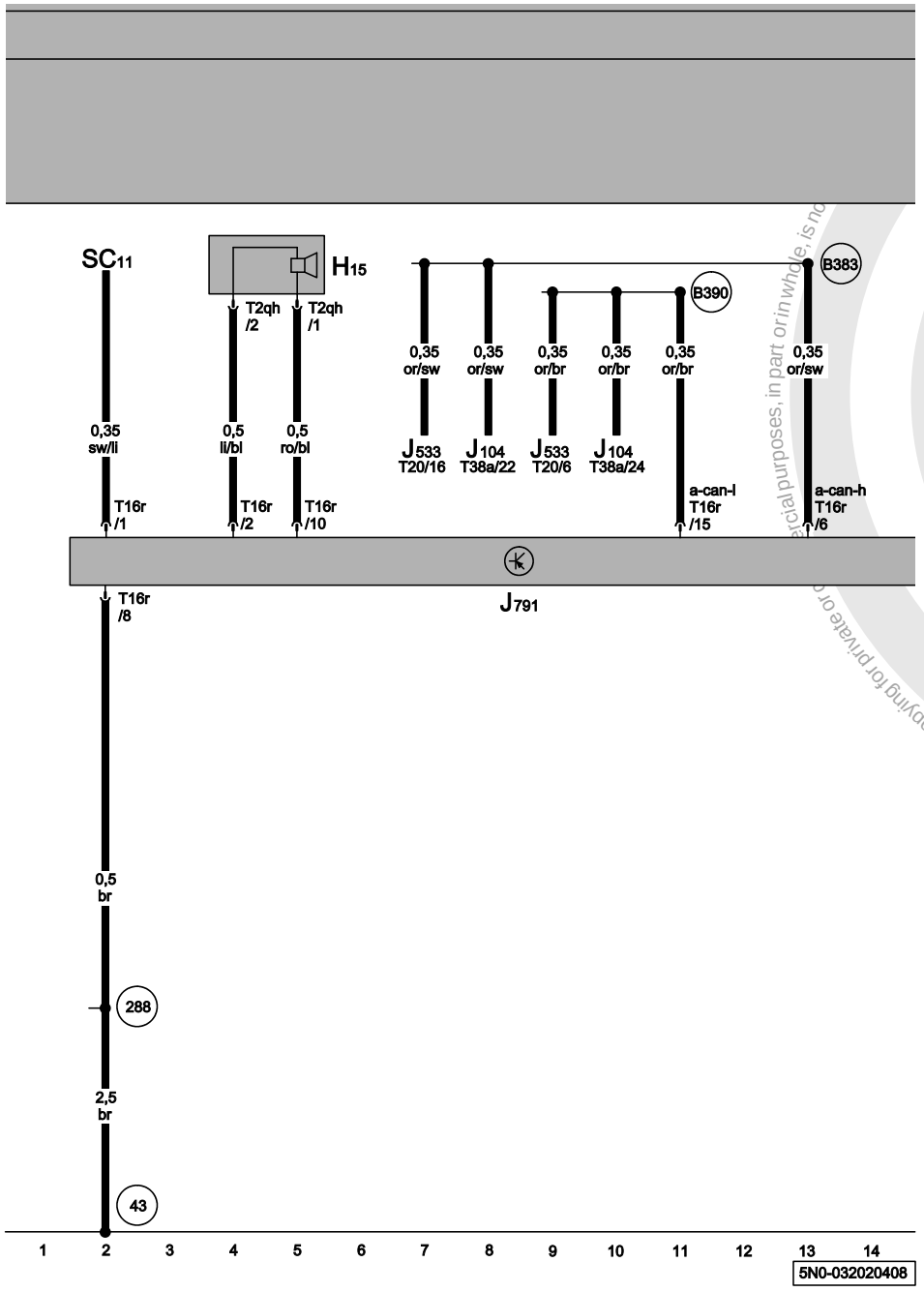
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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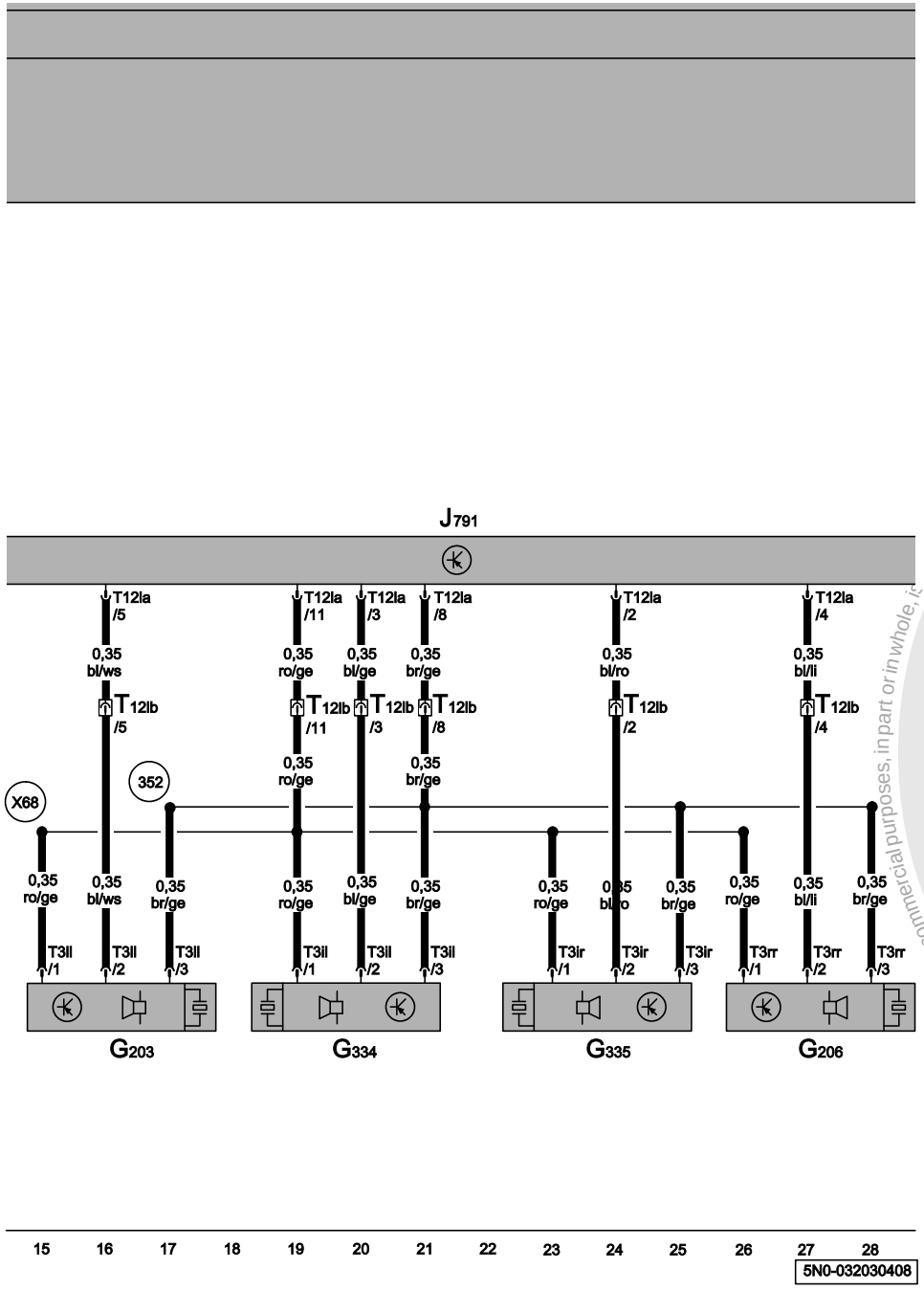


Fuse SC11, park assist steering control unit, warning buzzer for rear parking aid

H15	Rear parking aid warning buzzer
J104	ABS control unit
J533	Data bus diagnosis interface
J791	Control unit for park assist steering
SC11	Fuse 11 on fuse holder C
T2qh	2-pin connector, black
T16r	16-pin connector, brown
T20	20-pin connector, red
T38a	38-pin connector, black
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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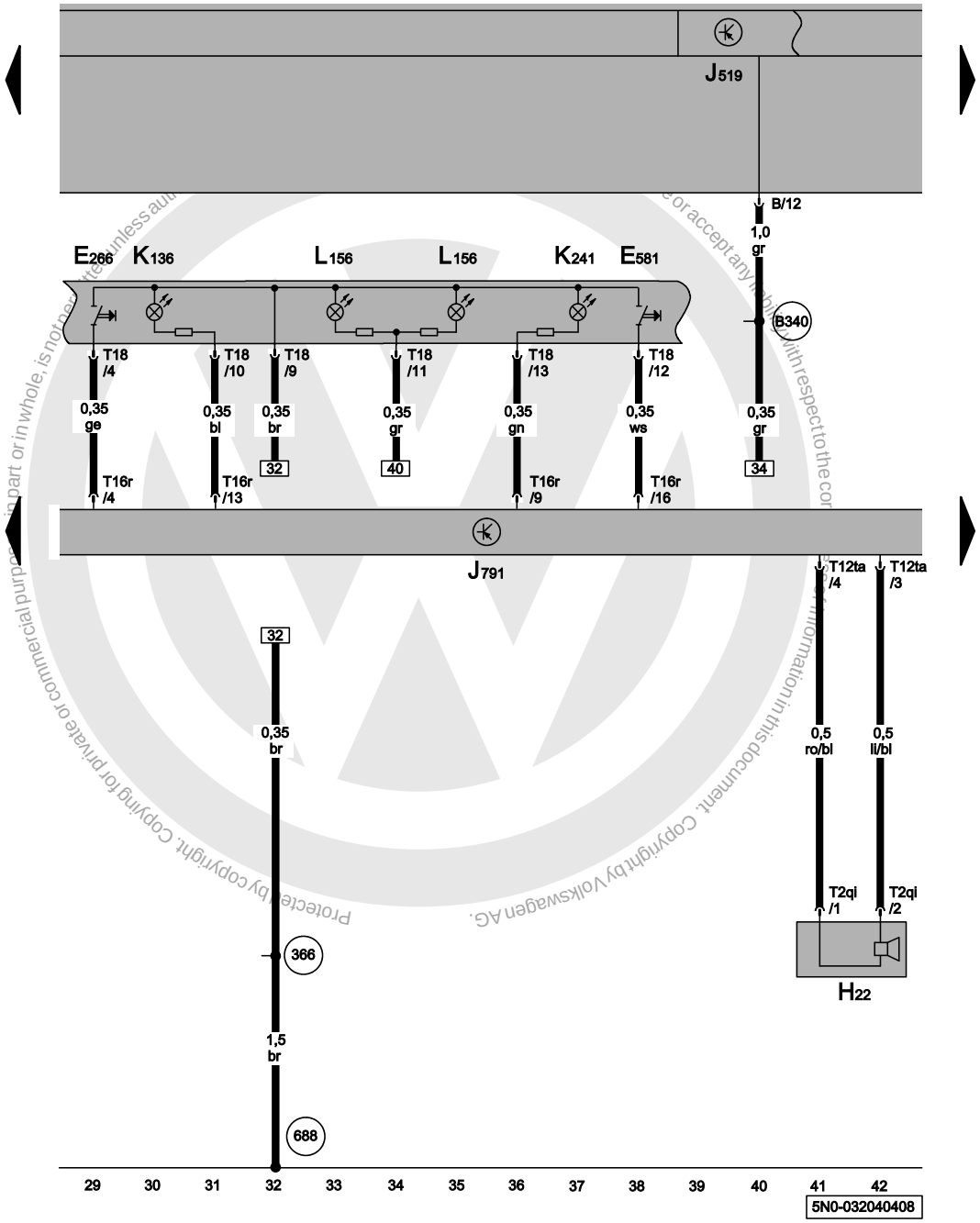


Rear parking aid sender, park assist steering control unit

G203	Rear left parking aid sender
G206	Rear right parking aid sender
G334	Rear left inner parking aid sender
G335	Rear right inner parking aid sender
J791	Control unit for park assist steering
T3il	3-pin connector
T3ll	3-pin connector
T3ir	3-pin connector
T3rr	3-pin connector
T12la	12-pin connector, black
T12lb	12-pin connector, black
352	Earth connection (parking aid), in rear bumper wiring harness
X68	Connection (parking aid), in front bumper wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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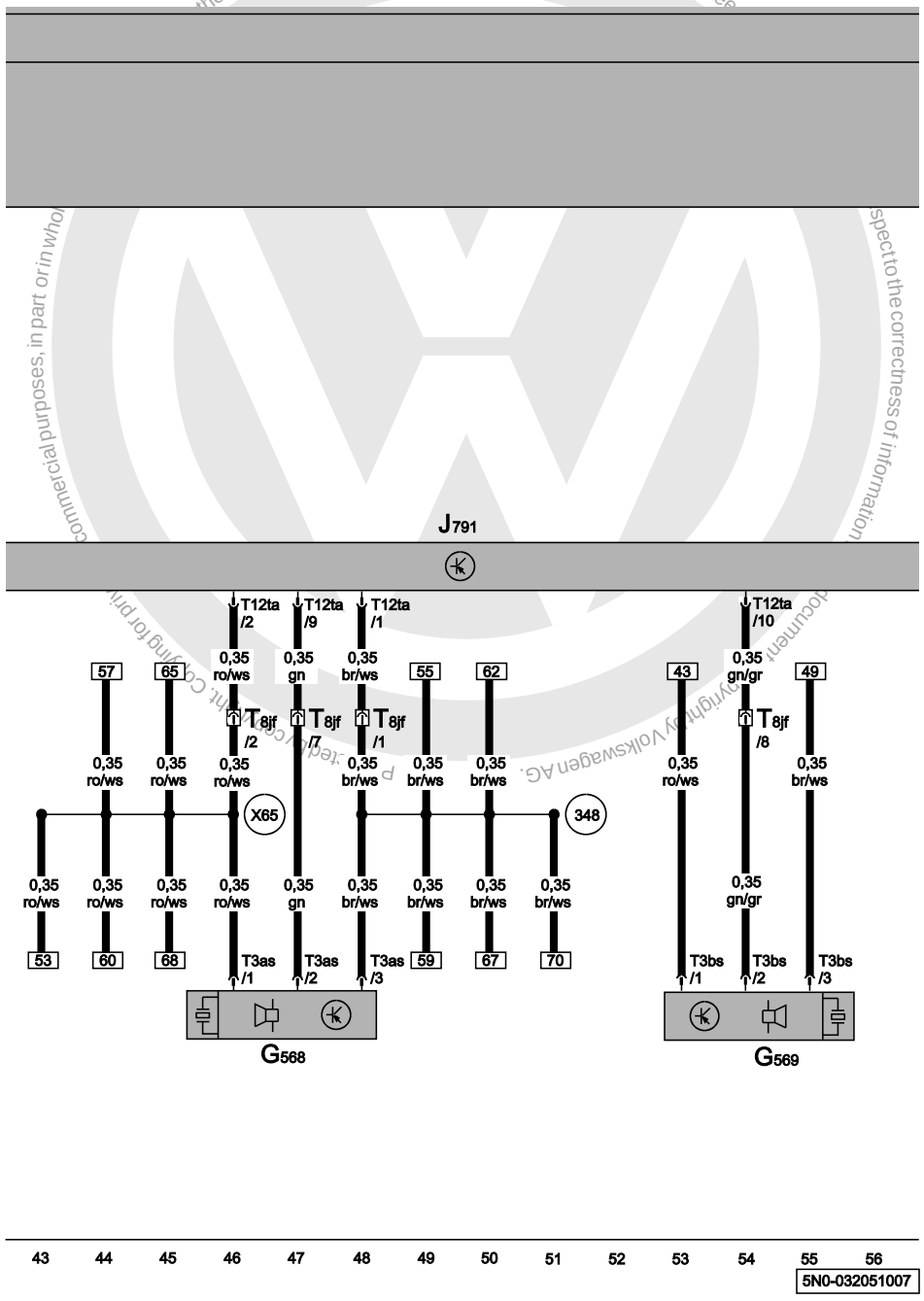
Park assist steering control unit, parking aid button, park assist steering button, warning buzzer for front parking aid

E266	Parking aid button
E581	Park assist steering button
H22	Front parking aid warning buzzer
J519	Onboard supply control unit
J791	Control unit for park assist steering
K136	Parking aid warning lamp
K241	Warning light for park assist steering
L156	Switch illumination bulb
T2qi	2-pin connector, black
T12ta	12-pin connector, brown
T16r	16-pin connector, brown
T18	18-pin connector, black
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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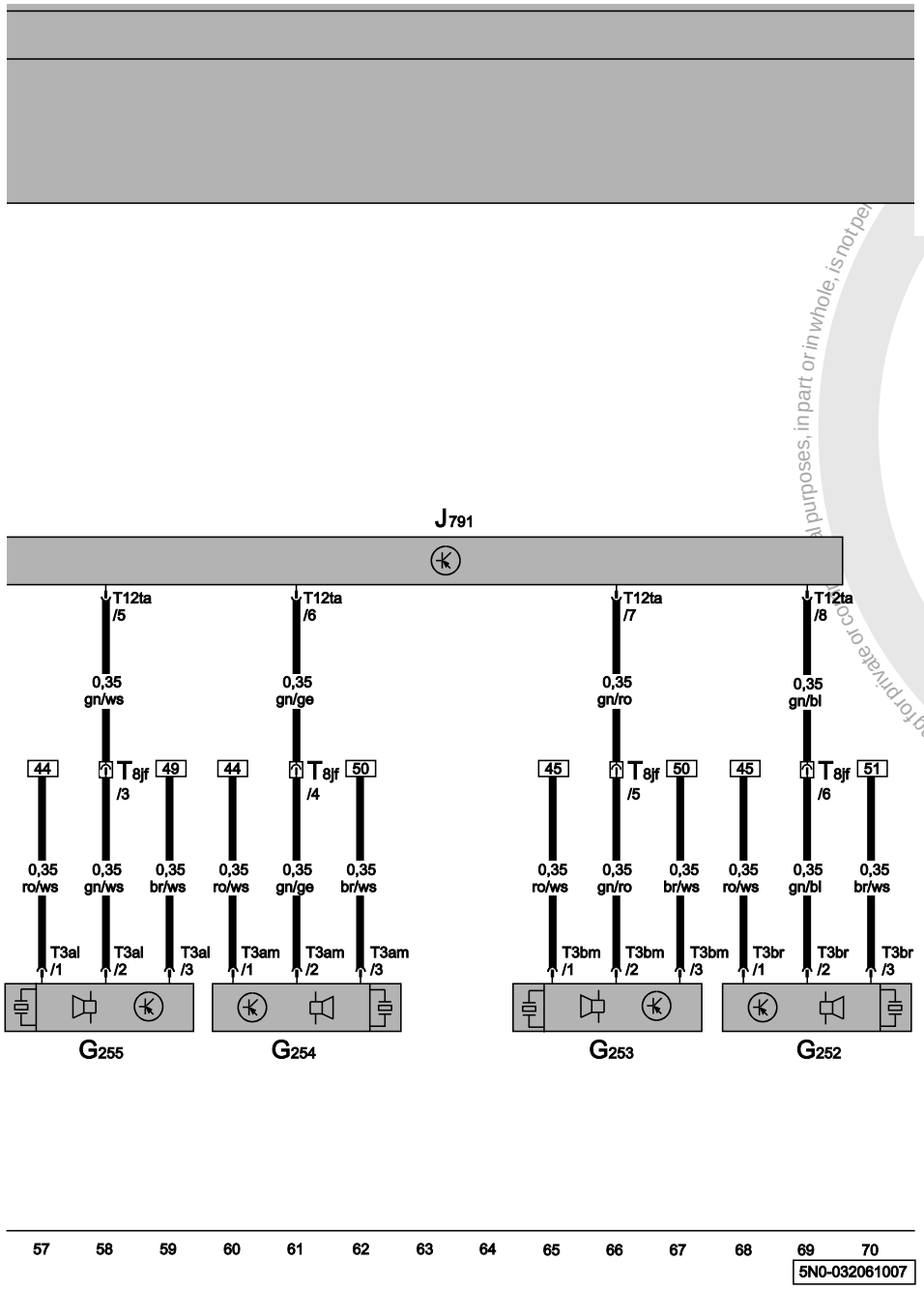
Front left and front right senders for park assist steering, park assist steering control unit

G568	Front left sender for park assist steering on left side of vehicle
G569	Front right sender for park assist steering on right side of vehicle
J791	Control unit for park assist steering
T3as	3-pin connector, black
T3bs	3-pin connector, black
T8jf	8-pin connector, black
T12ta	12-pin connector, brown
348	Earth connection (parking aid), in front bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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rs	=	pink

Front and centre left parking aid senders, front and centre right parking aid senders, park assist steering control unit

G252	Front right parking aid sender
G253	Front centre right parking aid sender
G254	Front centre left parking aid sender
G255	Front left parking aid sender
J791	Control unit for park assist steering
T3al	3-pin connector
T3am	3-pin connector
T3bm	3-pin connector
T3br	3-pin connector
T8jf	8-pin connector, black
T12ta	12-pin connector, brown



ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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Auxiliary heater, only models with Climatronic

⇒ **Climatronic**

⇒ **Remote control receiver and preselection clock**

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

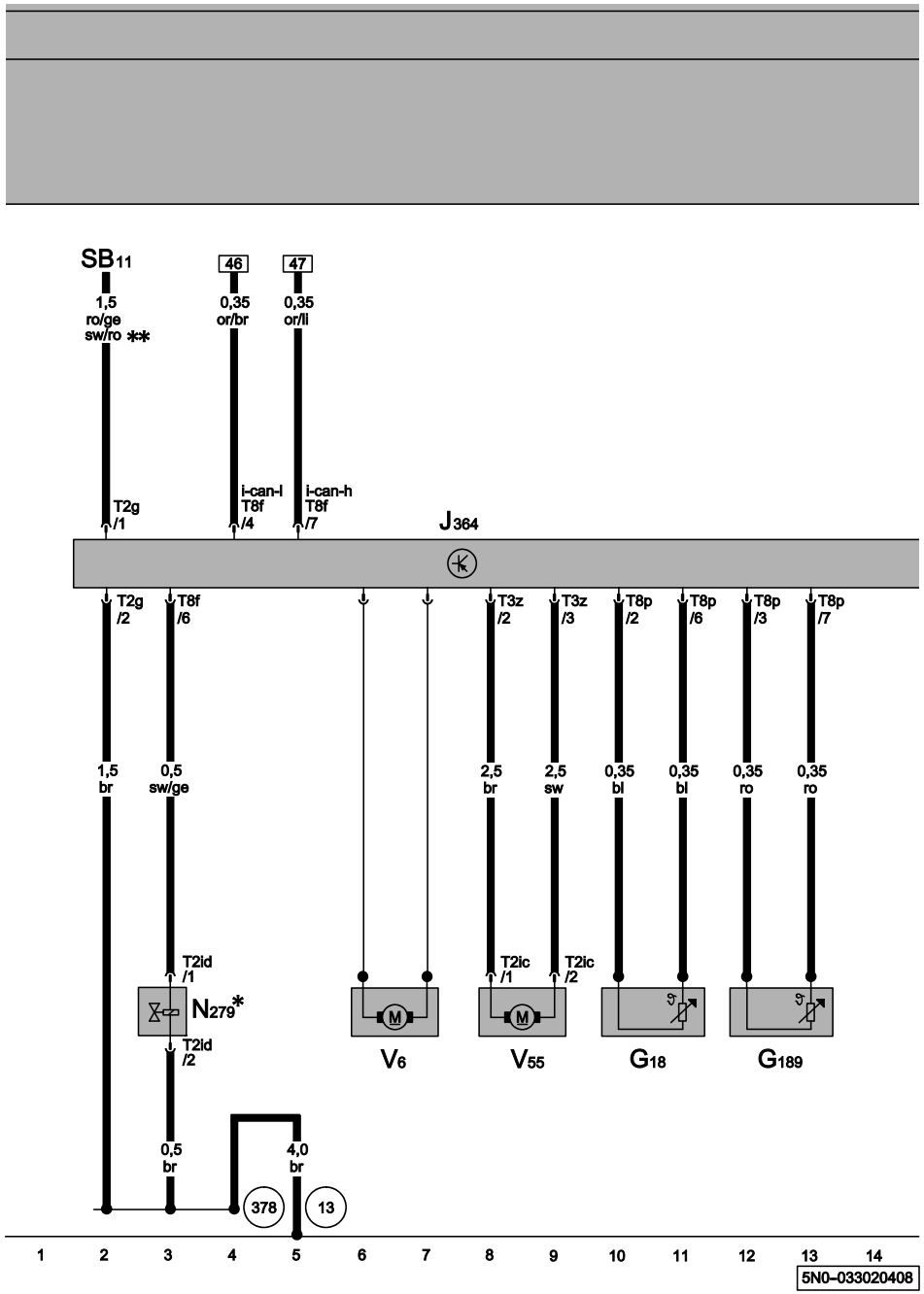
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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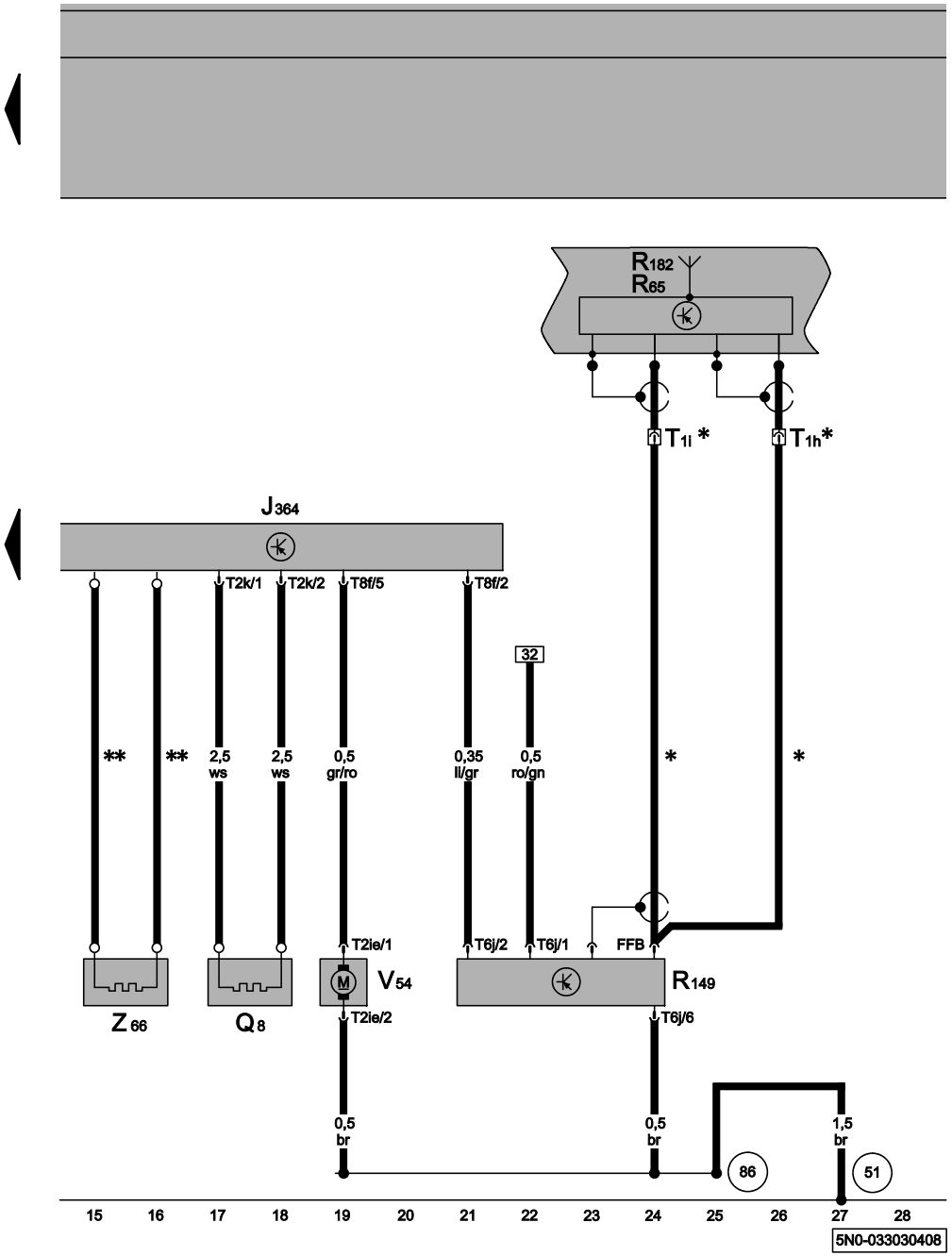


Heater coolant shut-off valve, auxiliary heater control unit, temperature sensor, overheating sensor, circulating pump, combustion air blower

G18	Temperature sensor
G189	Overheating sensor
J364	Auxiliary heater control unit
N279	Heater coolant shut-off valve
SB11	Fuse 11 on fuse holder B
T2g	2-pin connector, black
T2ic	2-pin connector
T2id	2-pin connector
T3z	3-pin connector
T8f	8-pin connector, black
T8p	8-pin connector
V6	Combustion air blower
V55	Circulation pump
13	Earth point, on right in engine compartment
378	Earth connection 13, in main wiring harness
*	Depending on equipment
**	From May 2008

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or	=	orange
rs	=	pink

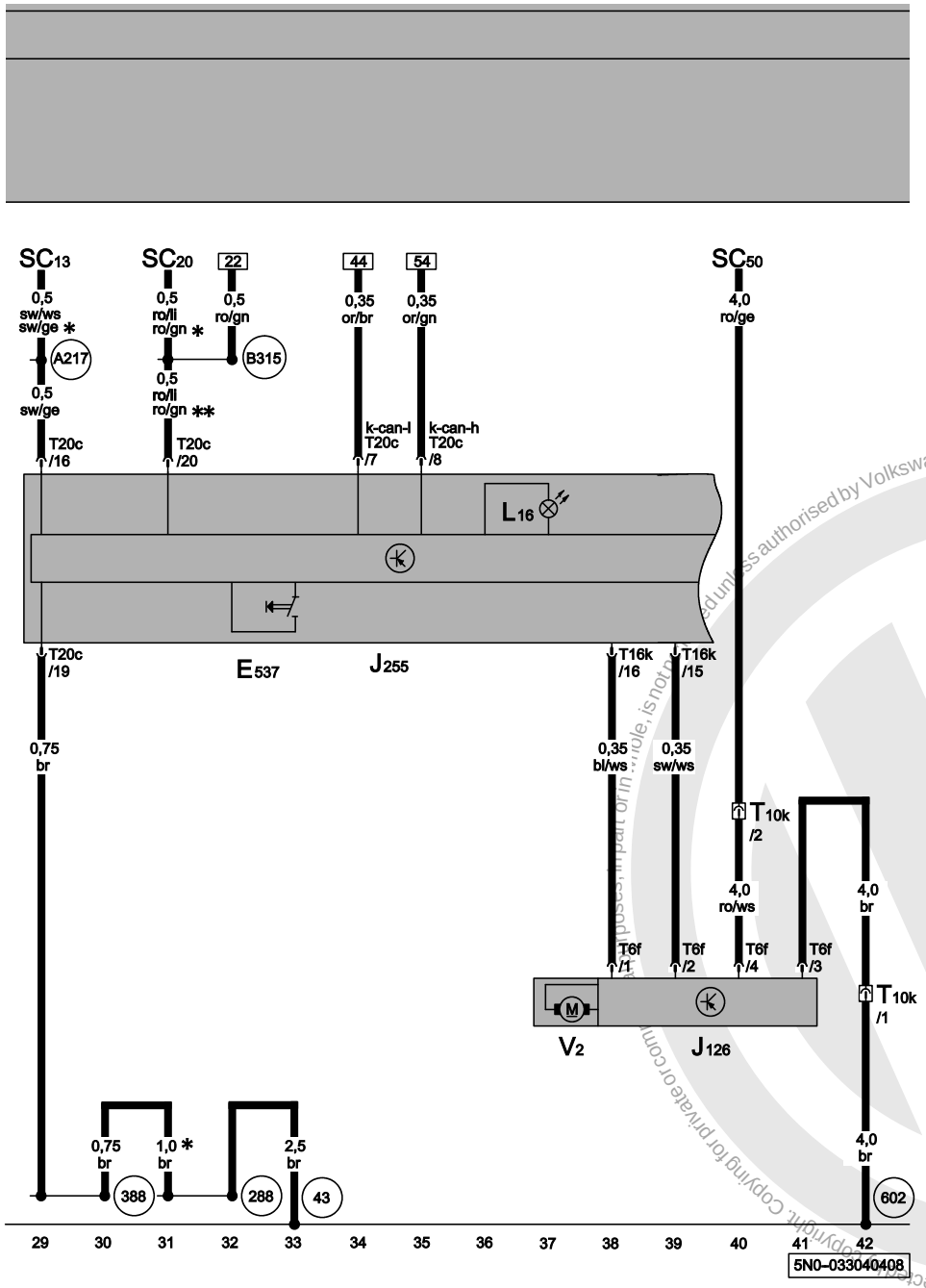


Metering pump, remote control receiver for auxiliary coolant heater, glow plug with flame monitor, fuel pre-heating heater element, auxiliary heater control unit

J364	Auxiliary heater control unit
Q8	Glow plug with flame monitor
R65	Telephone aerial
R149	Remote control receiver for auxiliary coolant heater
R182	Auxiliary heater aerial
T1h	Single connector
T1i	Single connector
T2ie	2-pin connector, black
T2k	2-pin connector
T6j	6-pin connector, blue
T8f	8-pin connector, black
V54	Metering pump
Z66	Fuel pre-heating heater element
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
*	Depending on equipment
**	Only models with diesel engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
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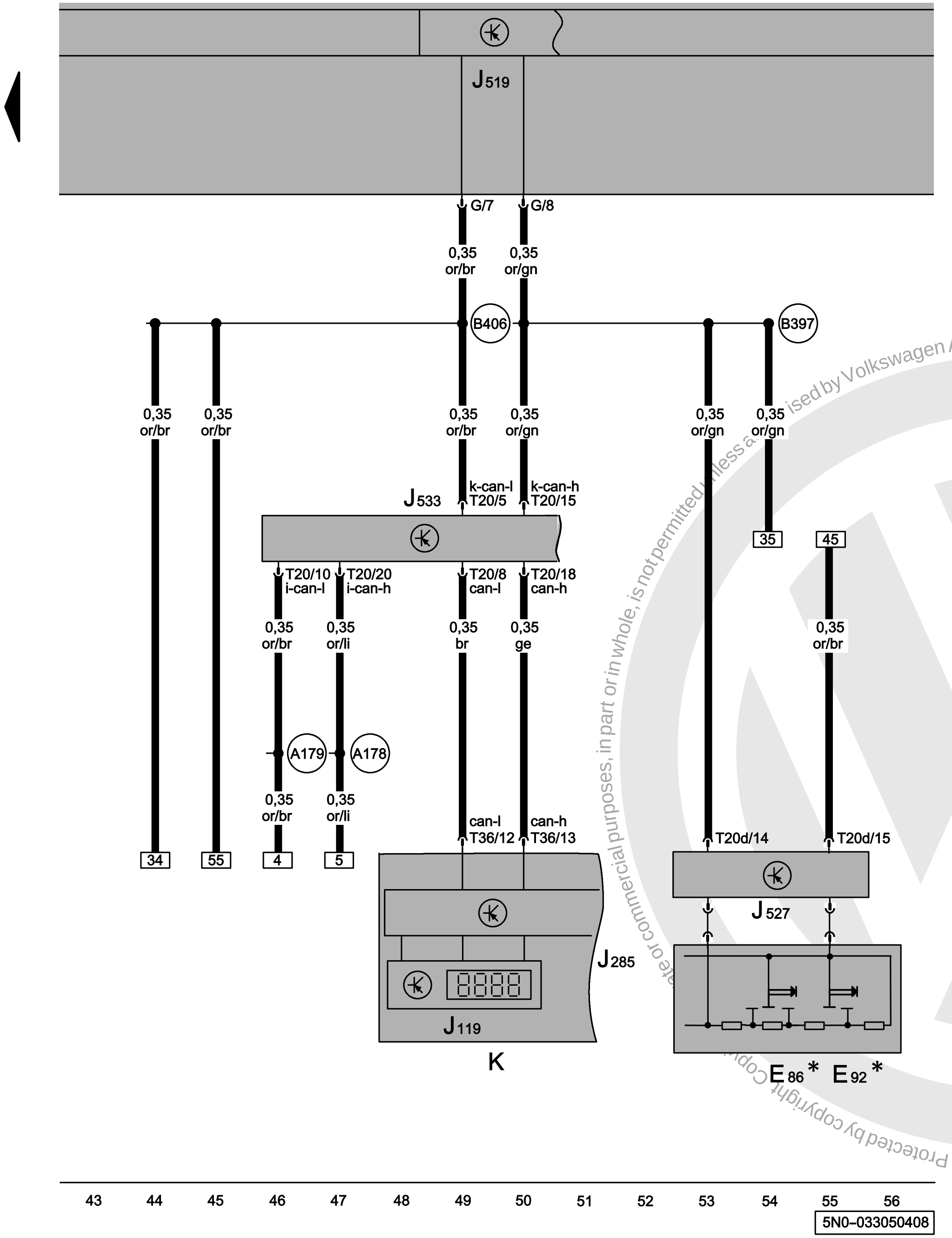
Fresh air blower, Climatronic control unit, fresh air blower control unit, immediate heat button

E537	Instant heating button
J126	Fresh air blower control unit
J255	Climatronic control unit
L16	Fresh air regulator illumination bulb
SC13	Fuse 13 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC50	Fuse 50 on fuse holder C
T6f	6-pin connector, brown
T10k	10-pin connector, black
T16k	16-pin connector
T20c	20-pin connector, black
V2	Fresh air blower
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 16, in main wiring harness
602	Earth point, in front left footwell
A217	Positive connection 8 (15a) in dash panel wiring harness
B315	Connection 1 (30a), in main wiring harness
*	Gradual introduction in model year 2008

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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Multifunction display call-up button, data bus diagnosis interface, Multifunction display reset button, steering column electronics control unit, dash panel insert



E86	Multifunction display call-up button
E92	Reset button
J119	Multifunction display
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J527	Steering column electronics control unit
J533	Data bus diagnosis interface
K	Dash panel insert
T20	20-pin connector, red
T20d	20-pin connector, black
T36	36-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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Fuse assignment

⇒ **Fuse assignment, fuse carrier S**
⇒ **Fuse assignment, fuse carrier SA**
⇒ **Fuse assignment, fuse carrier SB**
⇒ **Fuse assignment, fuse carrier SC**

From May 2008

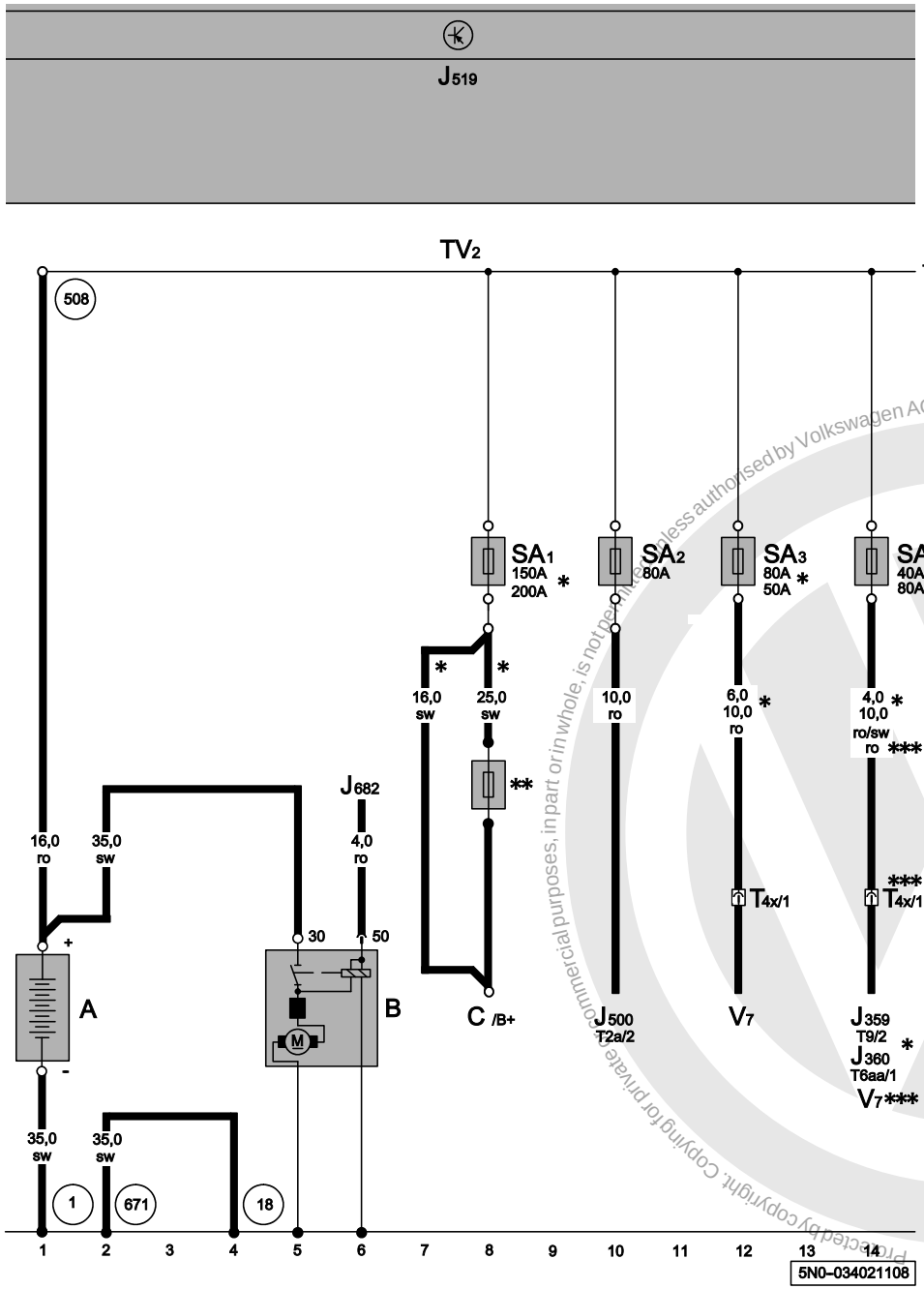
Notes:

For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!

For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

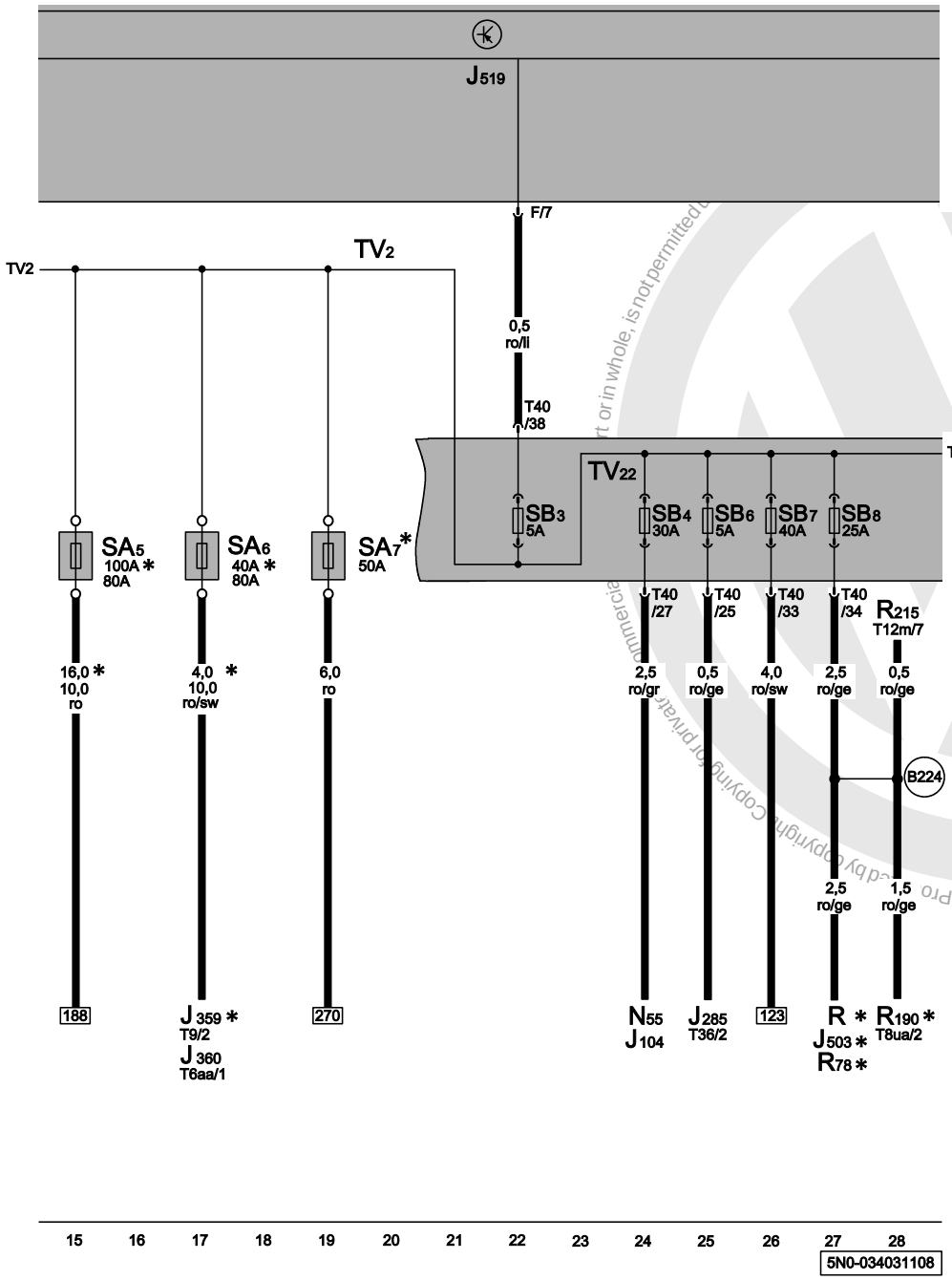


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Battery, starter, fuses SA

A	Battery
B	Starter
C	Alternator
J359	Low heat output relay
J360	High heat output relay
J500	Power steering control unit
J519	Onboard supply control unit
J682	Terminal 50 voltage supply relay
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
T2a	2-pin connector, black
T4x	4-pin connector, on lower left of radiator fan
T6aa	6-pin connector
T9	9-pin connector, yellow
TV2	Terminal 30 wiring junction
V7	Radiator fan
1	Earth strap, battery - body
18	Earth point, on cylinder block
508	Screw connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
*	Depends on equipment
**	Only models with 180A alternator, 200A fuse integrated in wiring harness
***	Only models with 1.4 l petrol engine

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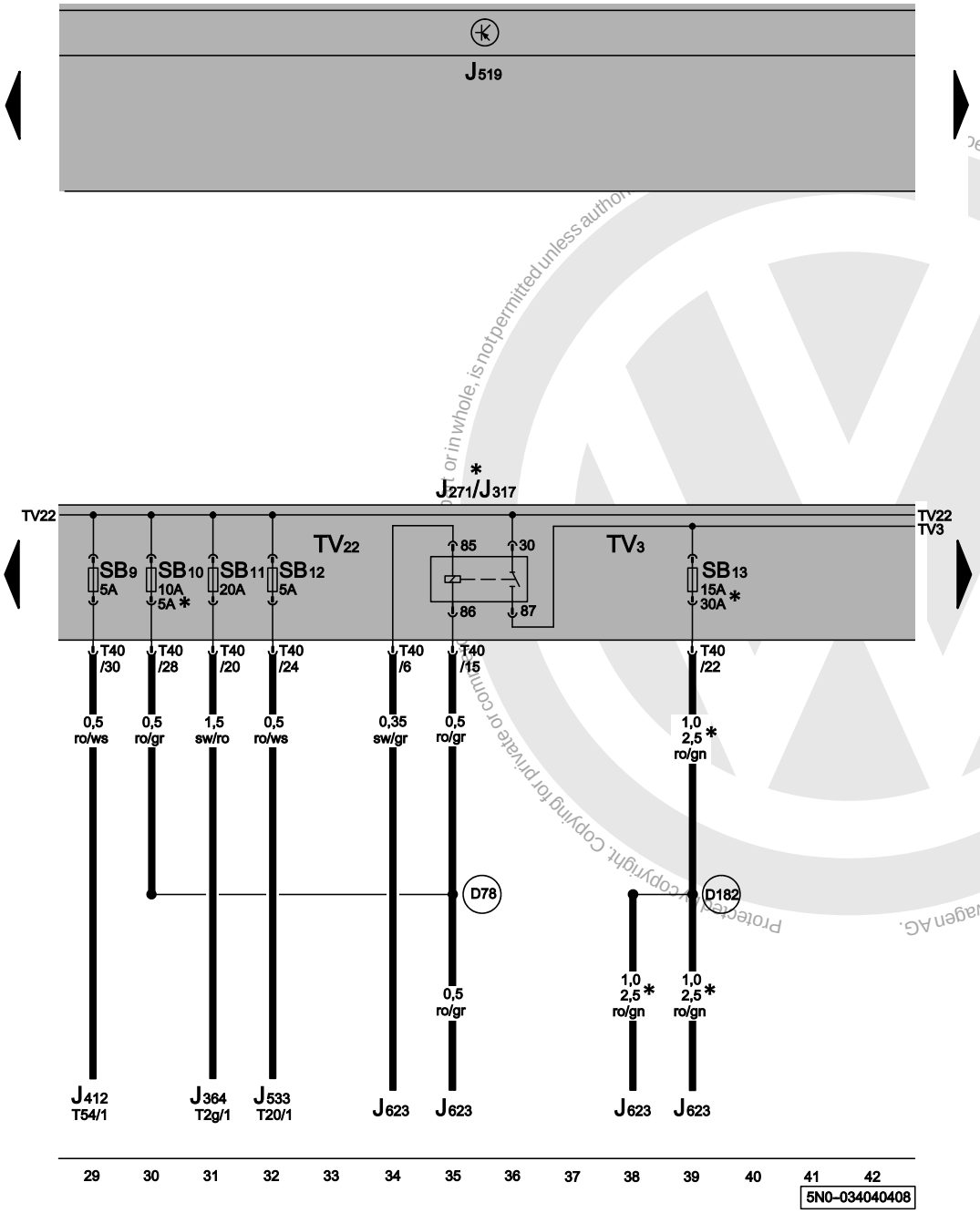


SA fuses, SB fuses

J104	ABS control unit
J285	Control unit in dash panel insert
J359	Low heat output relay
J360	High heat output relay
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
N55	ABS hydraulic unit
R	Radio
R78	TV tuner
R190	Satellite digital radio tuner
R215	Satellite digital radio tuner
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T6aa	6-pin connector
T8ua	8-pin connector
T9	9-pin connector, yellow
T12m	12-pin connector
T36	36-pin connector
T40	40-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30a wiring junction 2
B224	Connection 1 (radio), in interior wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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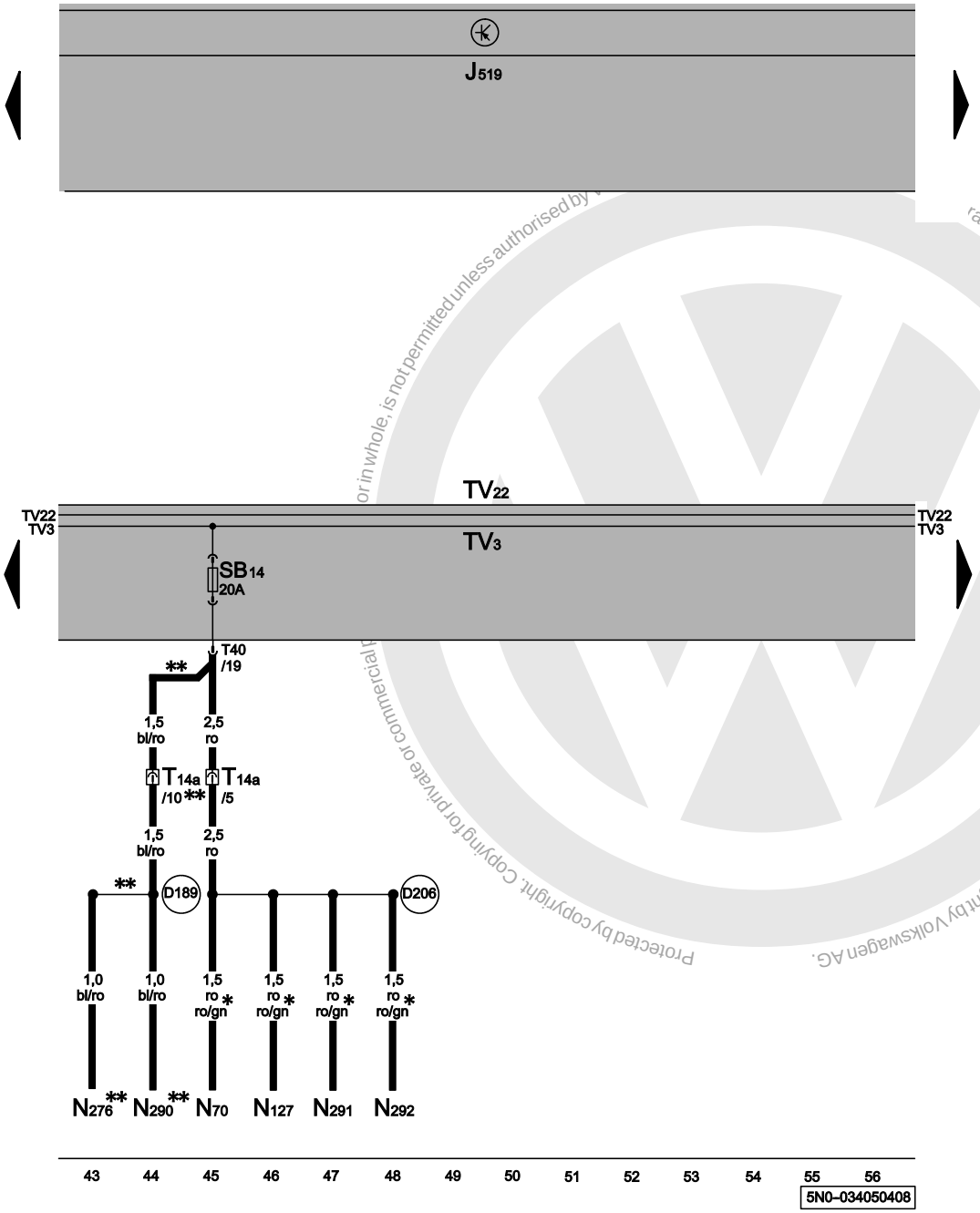


Motronic current supply relay, terminal 30 voltage supply relay, SB fuses

J271	Motronic current supply relay
J317	Terminal 30 voltage supply relay
J364	Auxiliary heater control unit
J412	Control unit for mobile telephone operating electronics
J519	Onboard supply control unit
J533	Data bus diagnosis interface
J623	Engine control unit
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB13	Fuse 13 on fuse holder B
T2g	2-pin connector, black
T20	20-pin connector, red
T40	40-pin connector
T54	54-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30a wiring junction 2
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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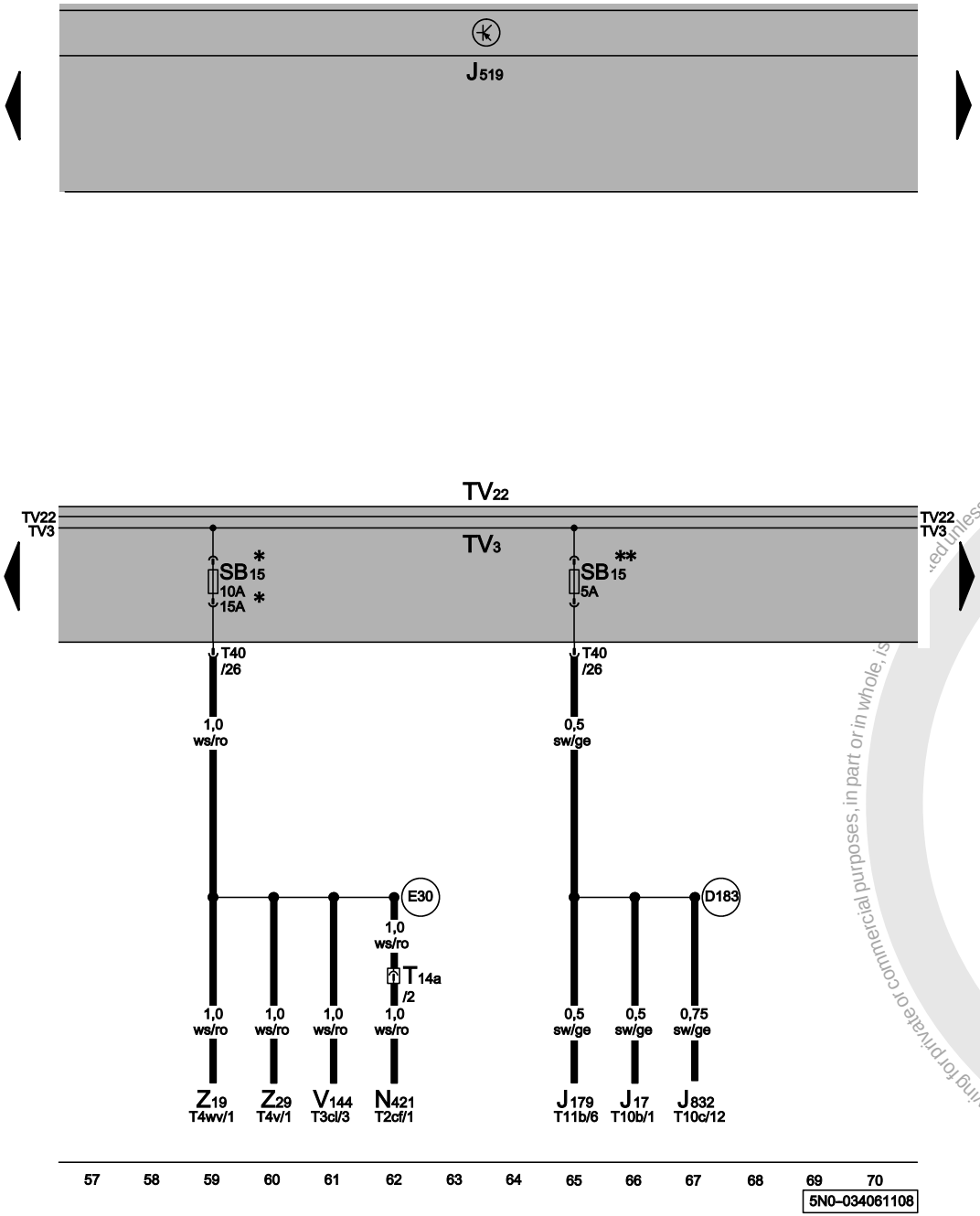


SB fuses

J519	Onboard supply control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
SB14	Fuse 14 on fuse holder B
T14a	14-pin connector, black, near battery
T40	40-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30a wiring junction 2
D189	Connection (87a) in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	Depends on equipment
**	Only models with diesel engines

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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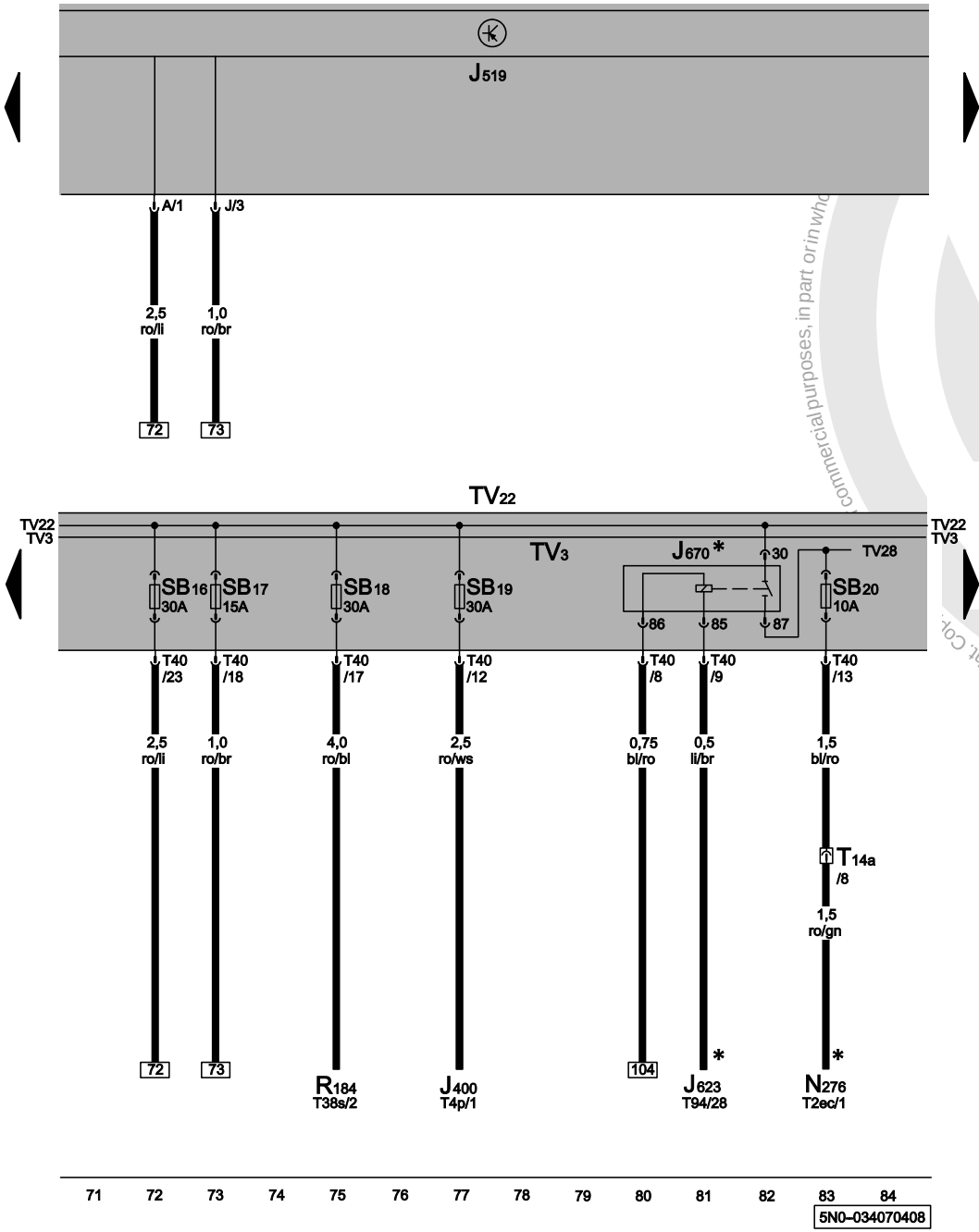


SB fuses

J17	Fuel pump relay
J179	Automatic glow period control unit
J519	Onboard supply control unit
J832	Relay for supplementary fuel pump
N421	Magnetic clutch for supercharger
SB15	Fuse 15 on fuse holder B
T2cf	2-pin connector, black
T3cl	3-pin connector
T4v	4-pin connector
T4wv	4-pin connector
T10b	10-pin connector
T10c	10-pin connector
T11b	11-pin connector
T14a	14-pin connector, black, near battery
T40	40-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30a wiring junction 2
V144	Fuel system diagnostic pump
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D183	Connection 4 (87a), in engine compartment wiring harness
E30	Connection (87a), in engine wiring harness
*	Depends on equipment
**	Only models with diesel engines

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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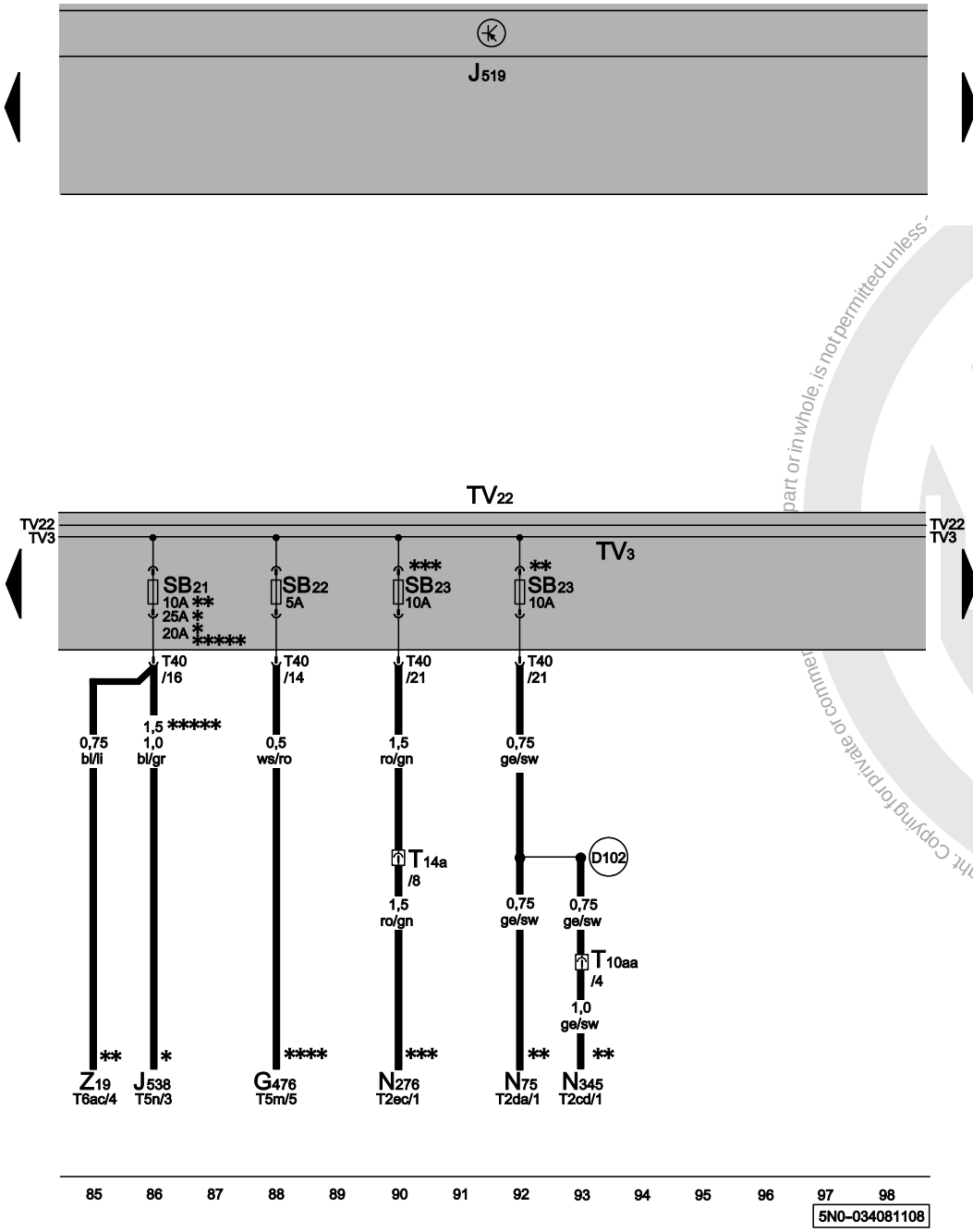


SB Fuses, Motronic current supply relay 2

J400	Wiper motor control unit
J519	Onboard supply control unit
J623	Engine control unit
J670	Motronic current supply relay 2
N276	Fuel pressure regulating valve
R184	Digital sound package amplifier
SB16	Fuse 16 on fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB20	Fuse 20 on fuse holder B
T2ec	2-pin connector, black
T4p	4-pin connector, black
T14a	14-pin connector, black, near battery
T38s	38-pin connector
T40	40-pin connector
T94	94-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
TV28	Terminal 30 wiring junction 3
*	Only models with engine codes CAWA, CAWB, CCTA

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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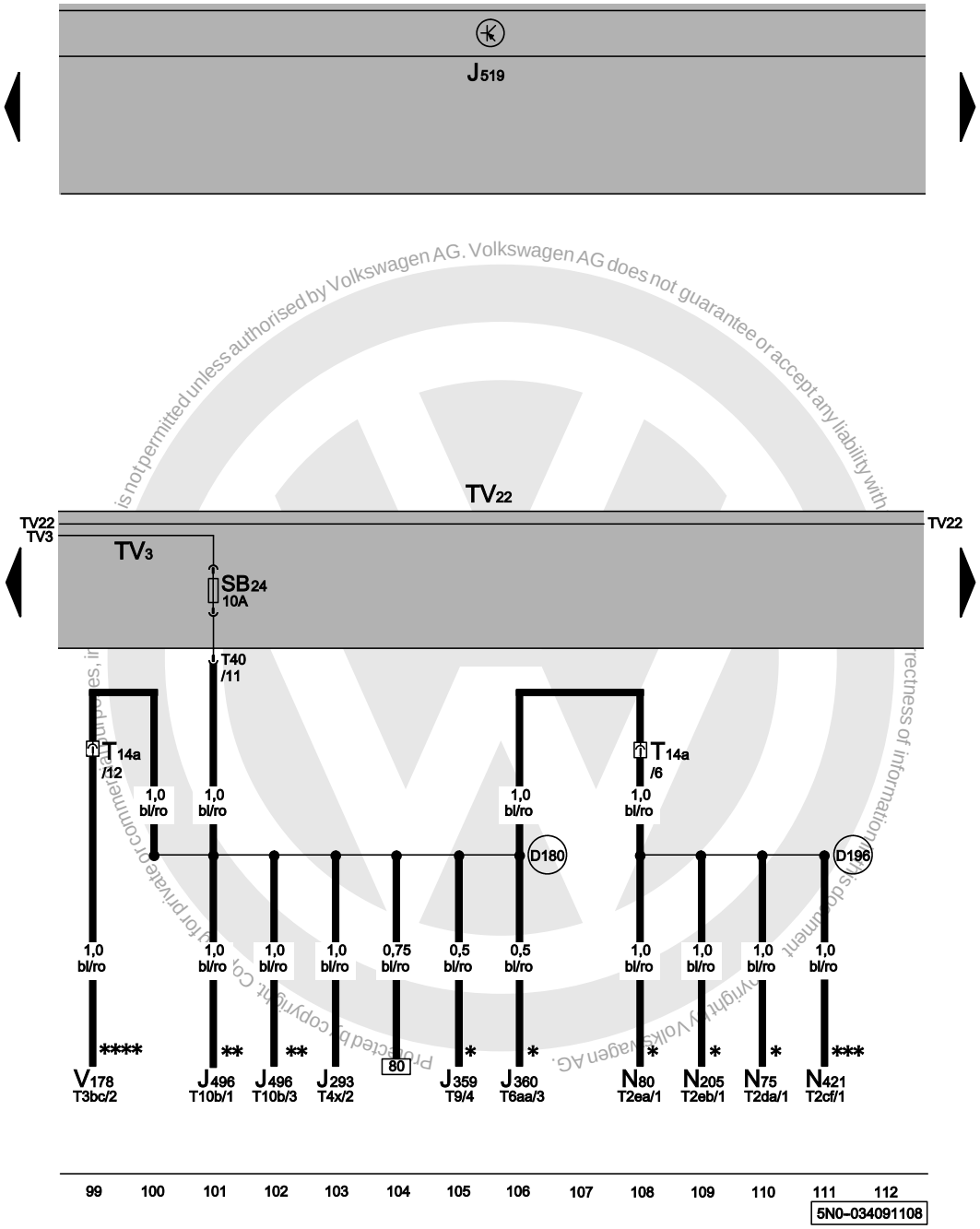


SB fuses

G476	Clutch position sender
J519	Onboard supply control unit
J538	Fuel pump control unit
N75	Charge pressure control solenoid valve
N276	Fuel pressure regulating valve
N345	Exhaust gas recirculation cooler changeover valve
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
T2cd	2-pin connector
T2da	2-pin connector
T2ec	2-pin connector, black
T5m	5-pin connector, black
T5n	5-pin connector, black
T6ac	6-pin connector, black, Lambda probe
T10aa	10-pin connector, near left headlight
T14a	14-pin connector, black, near battery
T40	40-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
Z19	Lambda probe heater
(D102)	Connection 2, in engine compartment wiring harness
*	Only models with petrol engine
**	Only models with diesel engine
***	Only models with engine codes BWK, CAVA
****	Only models with manual gearbox
*****	From November 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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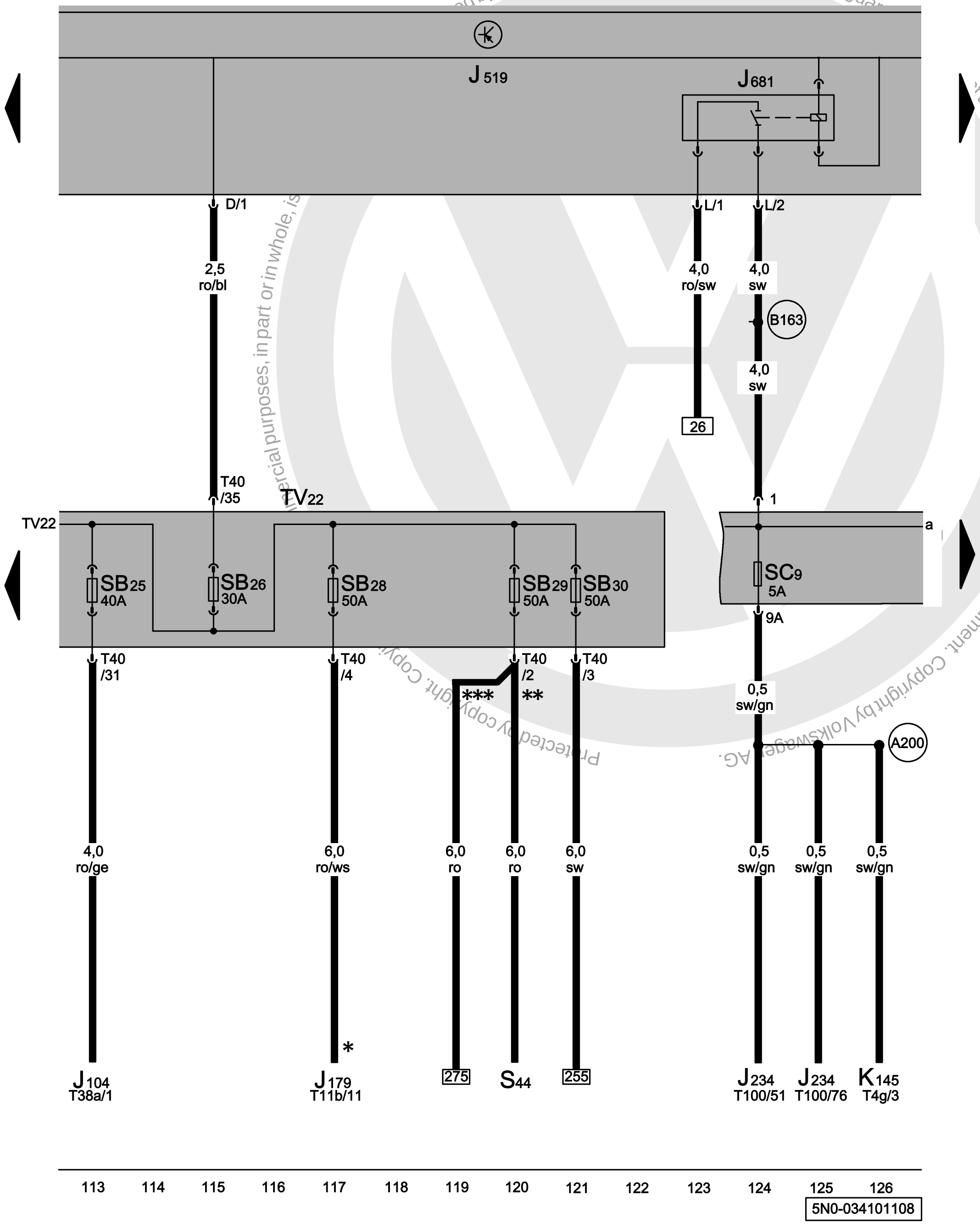


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Fuse SB24

J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J496	Additional coolant pump relay
J519	Onboard supply control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N421	Magnetic clutch for supercharger
SB24	Fuse 24 on fuse holder B
T2cf	2-pin connector, black
T2da	2-pin connector
T2ea	2-pin connector, black
T2eb	2-pin connector
T3bc	3-pin connector
T4x	4-pin connector, black
T6aa	6-pin connector, brown
T9	9-pin connector, yellow
T10b	10-pin connector, black
T14a	14-pin connector, black, near battery
T40	40-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
V178	Coolant circulation pump 2
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	Only models with petrol engine
**	Only models with engine codes BWK, CAVA
***	Only models with engine code BWK
****	Only models with diesel engine

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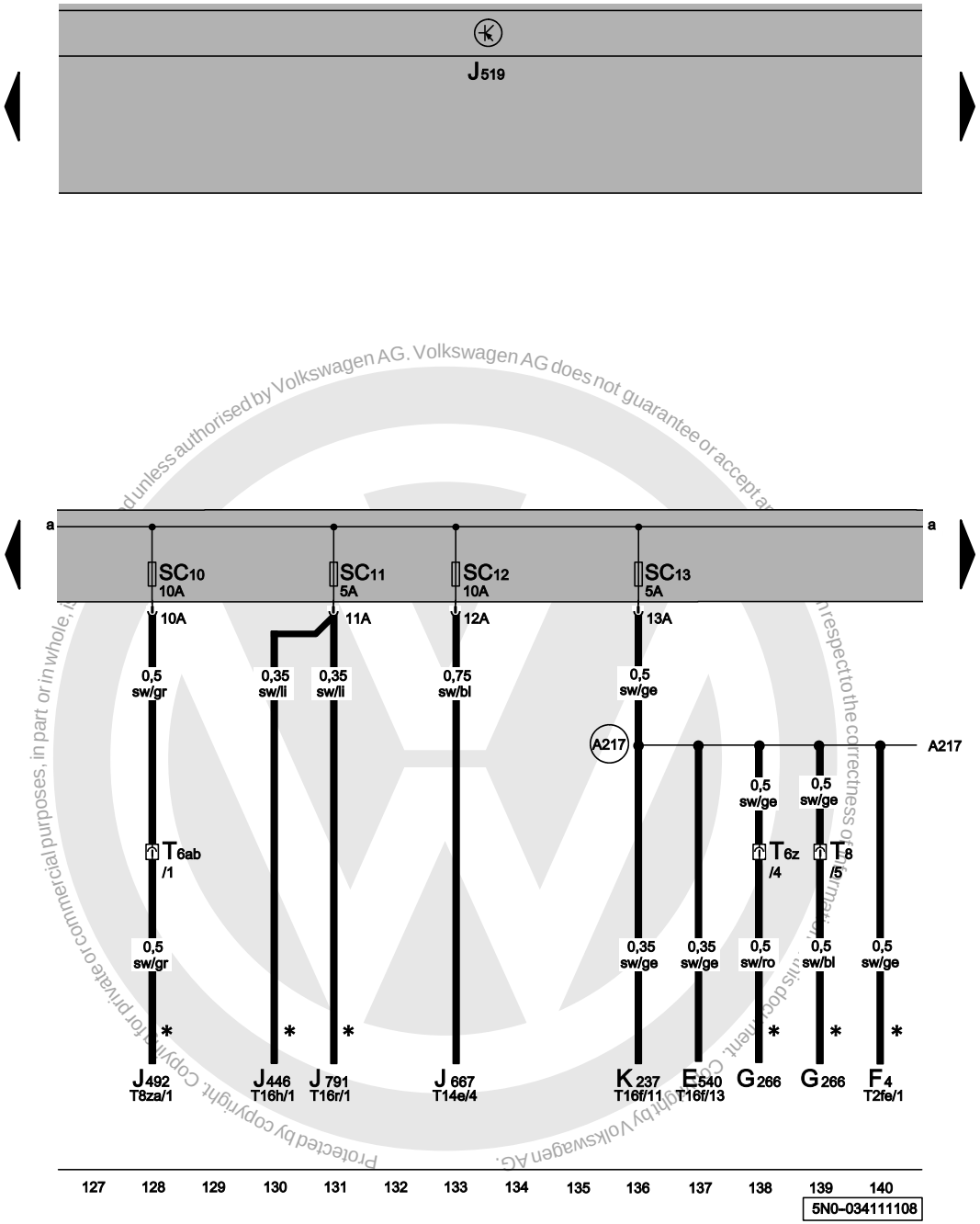


SB fuses, SC fuse, terminal 15 voltage supply relay 2

J104	ABS control unit
J179	Automatic glow period control unit
J234	Airbag control unit
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
K145	Front airbag deactivated on front passenger side warning lamp
S44	Driver seat adjustment thermal fuse 1
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC9	Fuse 9 on fuse holder C
T4g	4-pin connector, black
T11b	11-pin connector
T38a	38-pin connector
T40	40-pin connector
T100	100-pin connector
TV22	Terminal 30 wiring junction 2
A200	Positive connection 5 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
*	Only models with diesel engine
**	Up to November 2008
***	From November 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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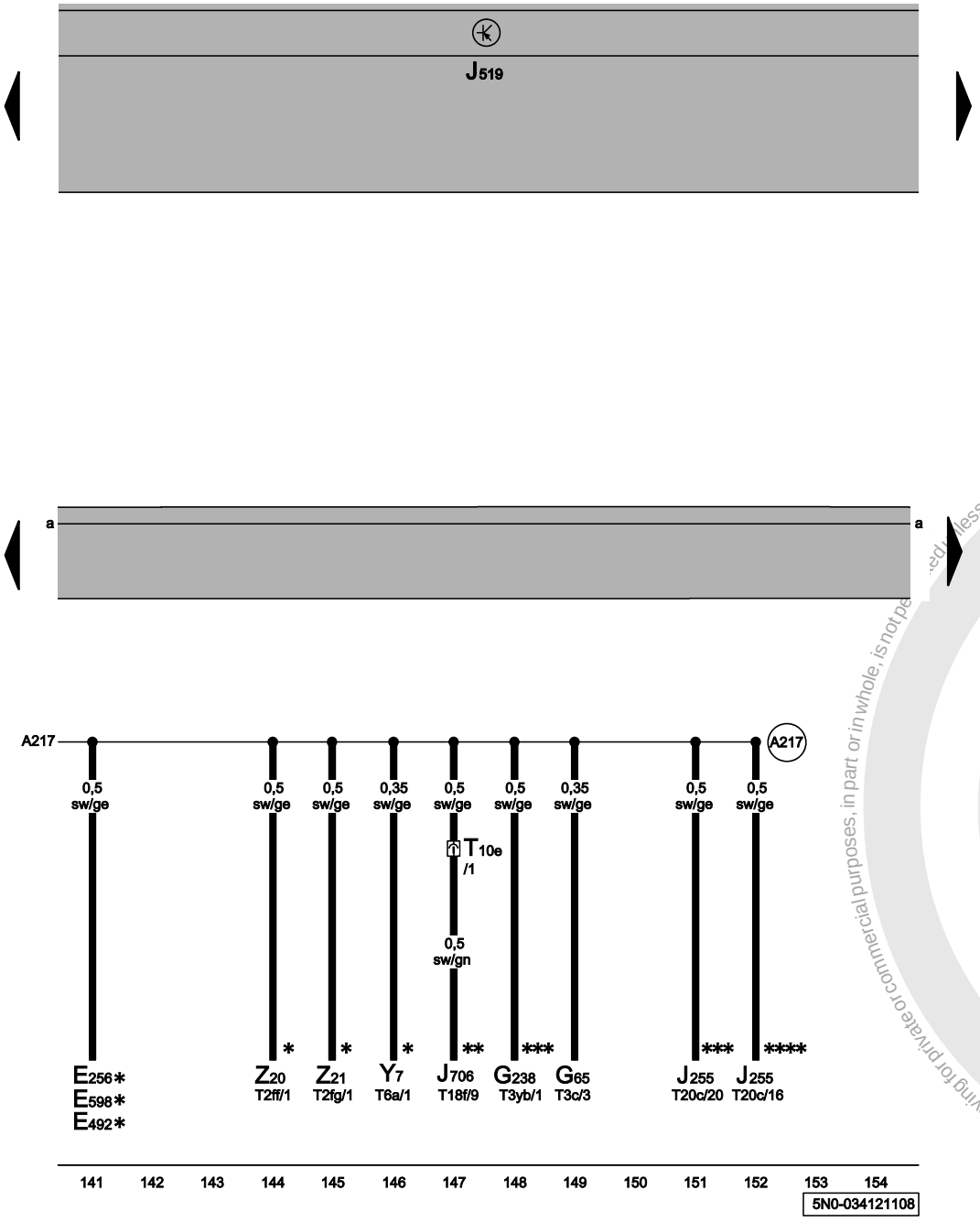


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

SC fuses

E540	Auto-hold button
F4	Reversing light switch
G266	Oil level and oil temperature sender
J446	Parking aid control unit
J492	All-wheel drive control unit
J519	Onboard supply control unit
J667	Fuel tank flap release relay
J791	Control unit for park assist steering
K237	Auto-hold warning lamp
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC13	Fuse 13 on fuse holder C
T2fe	2-pin connector
T6ab	6-pin connector, black
T6z	6-pin connector
T8	8-pin connector, black, near starter
T8za	8-pin connector
T14e	14-pin connector
T16f	16-pin connector
T16h	16-pin connector, black
T16r	16-pin connector, brown
A217	Positive connection 8 (15a) in dash panel wiring harness
*	Depends on equipment

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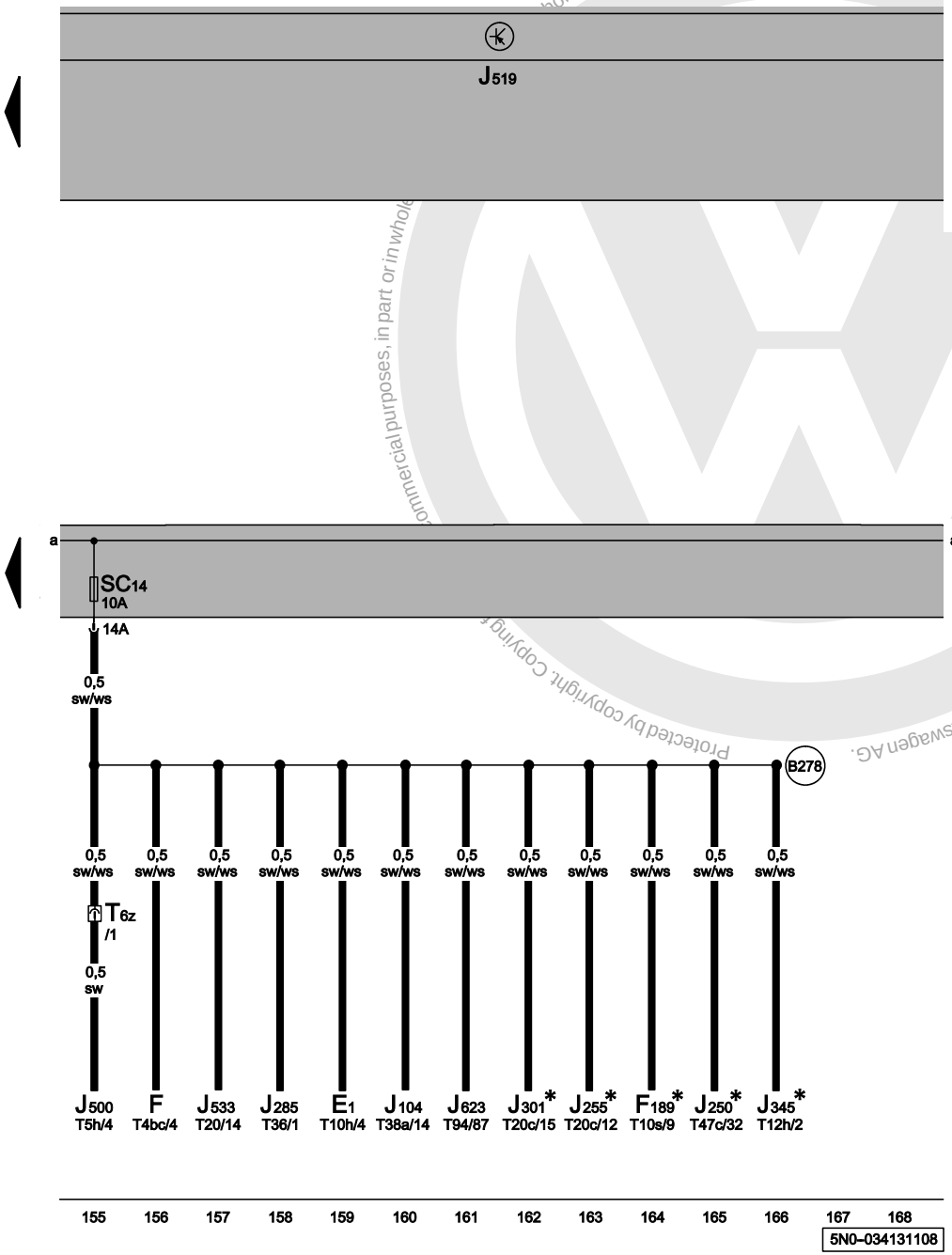


SC fuse

E256	TCS and ESP button
E492	Tyre pressure monitor display button
E598	Driving program button
G65	High-pressure sender
G238	Air quality sensor
J255	Climatronic control unit
J519	Onboard supply control unit
J706	Seat occupied recognition control unit
T2ff	2-pin connector
T2fg	2-pin connector
T3c	3-pin connector, black
T3yb	3-pin connector, black
T6a	6-pin connector, black
T10e	10-pin connector, under front passenger seat
T18f	18-pin connector
T20c	20-pin connector, black
Y7	Automatic anti-dazzle interior mirror
Z20	Left washer jet heater element
Z21	Right washer jet heater element
A217	Positive connection 8 (15a) in dash panel wiring harness
*	Depends on equipment
**	Only airbag systems for USA/Canada
***	Only models with Climatronic
****	Only models with Climatronic and auxiliary heater

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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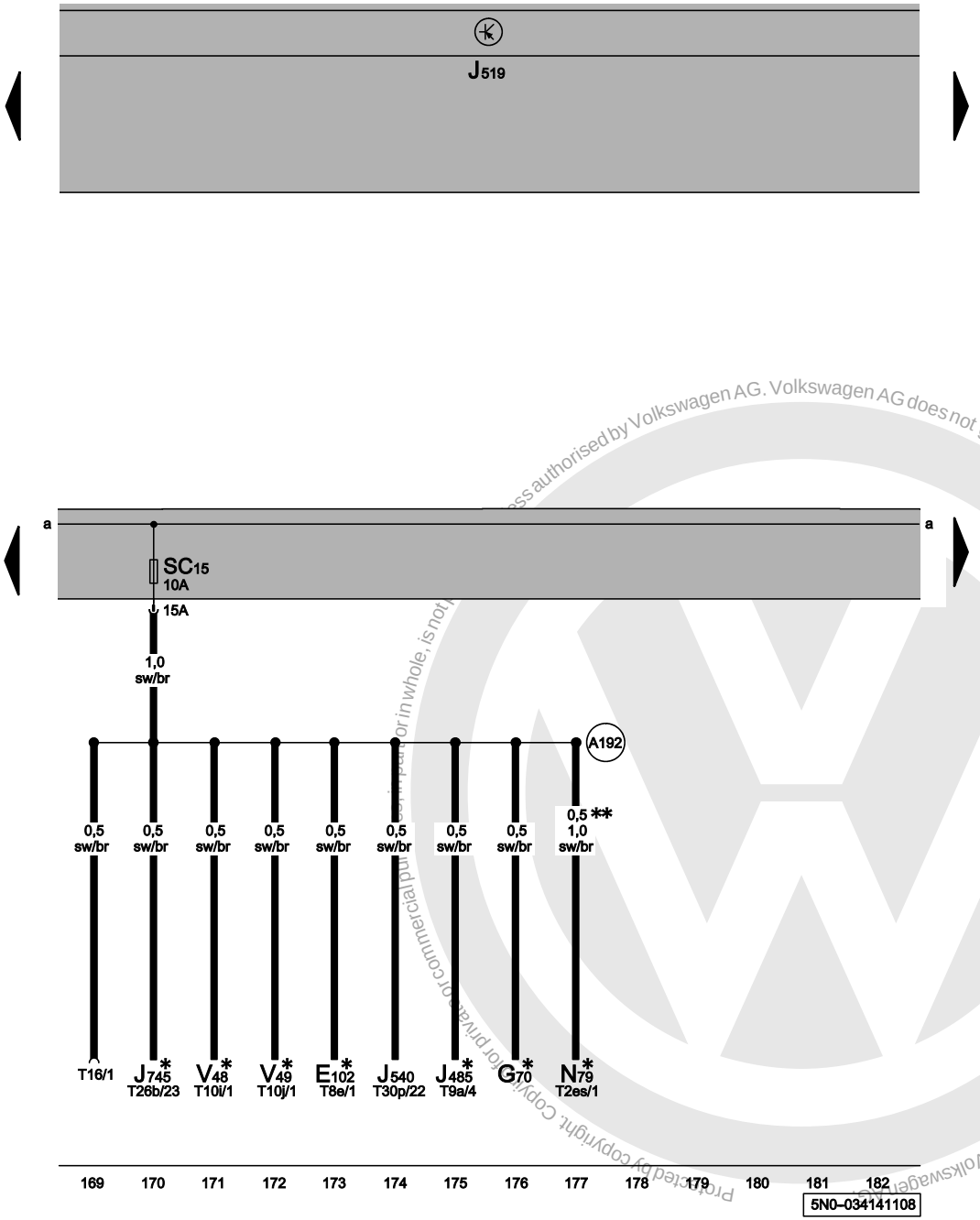


SC fuse

E1	Light switch
F	Brake light switch
F189	Tiptronic switch
J104	ABS control unit
J250	Electronically controlled damping control unit
J255	Climatronic control unit
J285	Control unit in dash panel insert
J301	Air conditioning system control unit
J345	Trailer detector control unit
J500	Power steering control unit
J519	Onboard supply control unit
J533	Data bus diagnosis interface
J623	Engine control unit
SC14	Fuse 14 on fuse holder C
T4bc	4-pin connector, black
T5h	5-pin connector
T6z	6-pin connector
T10h	10-pin connector, black
T10s	10-pin connector, under selector lever cover
T12h	12-pin connector, red
T20	20-pin connector, red
T20c	20-pin connector, black
T36	36-pin connector
T38a	38-pin connector, black
T47c	47-pin connector
T94	94-pin connector
B278	Connection 2 (15a), in main wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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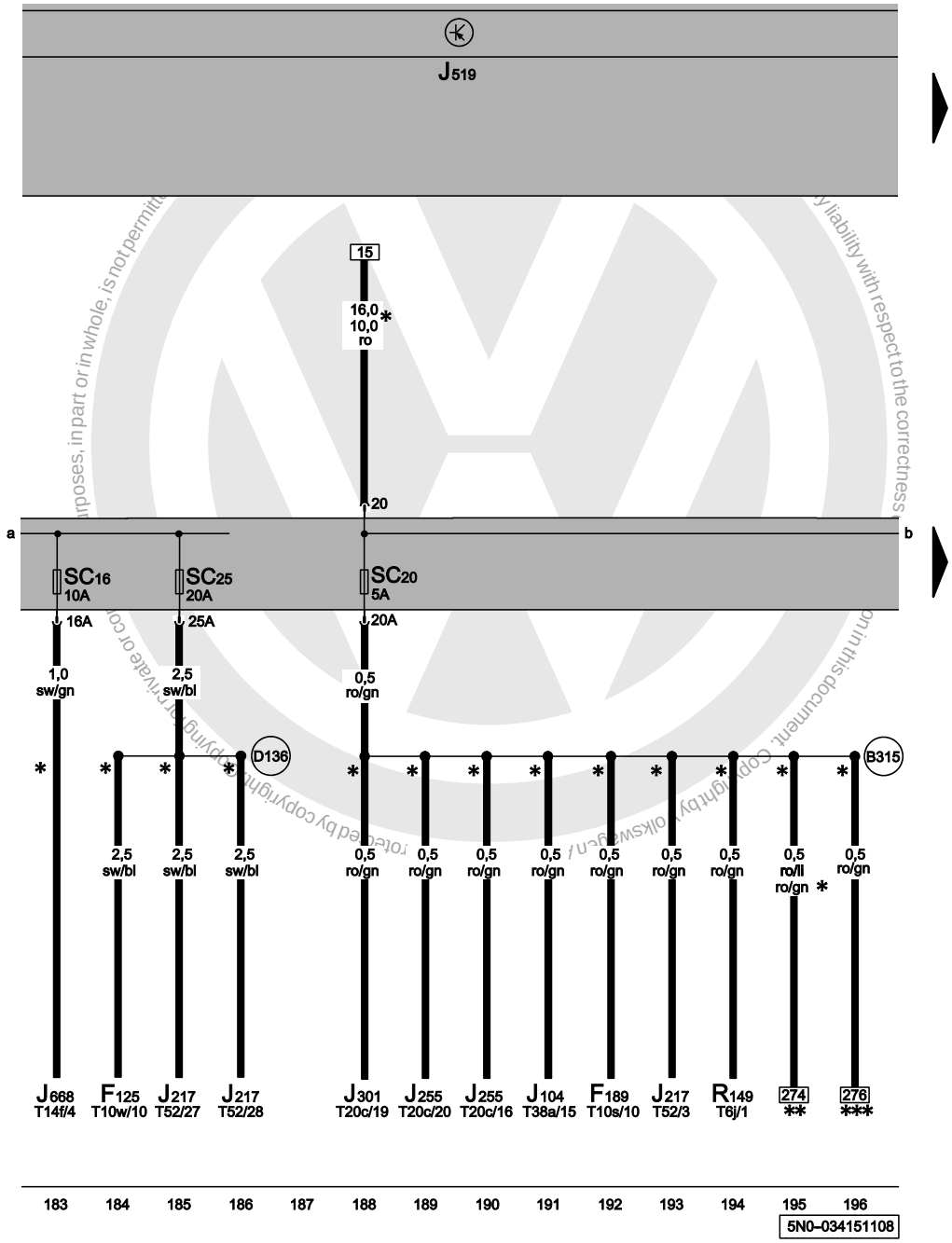


SC fuse, self-diagnosis connection

E102	Headlight range control regulator
G70	Air mass meter
J485	Auxiliary heater operation relay
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J745	Control unit for cornering light and headlight range control
N79	Crankcase breather heater element
SC15	Fuse 15 on fuse holder C
T2es	2-pin connector
T8e	8-pin connector, black
T9a	9-pin connector, black
T10i	10-pin connector, black
T10j	10-pin connector, black
T16	16-pin connector, on left under dash panel, self-diagnosis connection
T26b	26-pin connector
T30p	30-pin connector, black
V48	Left headlight range control motor
V49	Right headlight range control motor
A192	Positive connection 3 (15a) in dash panel wiring harness
*	Depends on equipment
**	From November 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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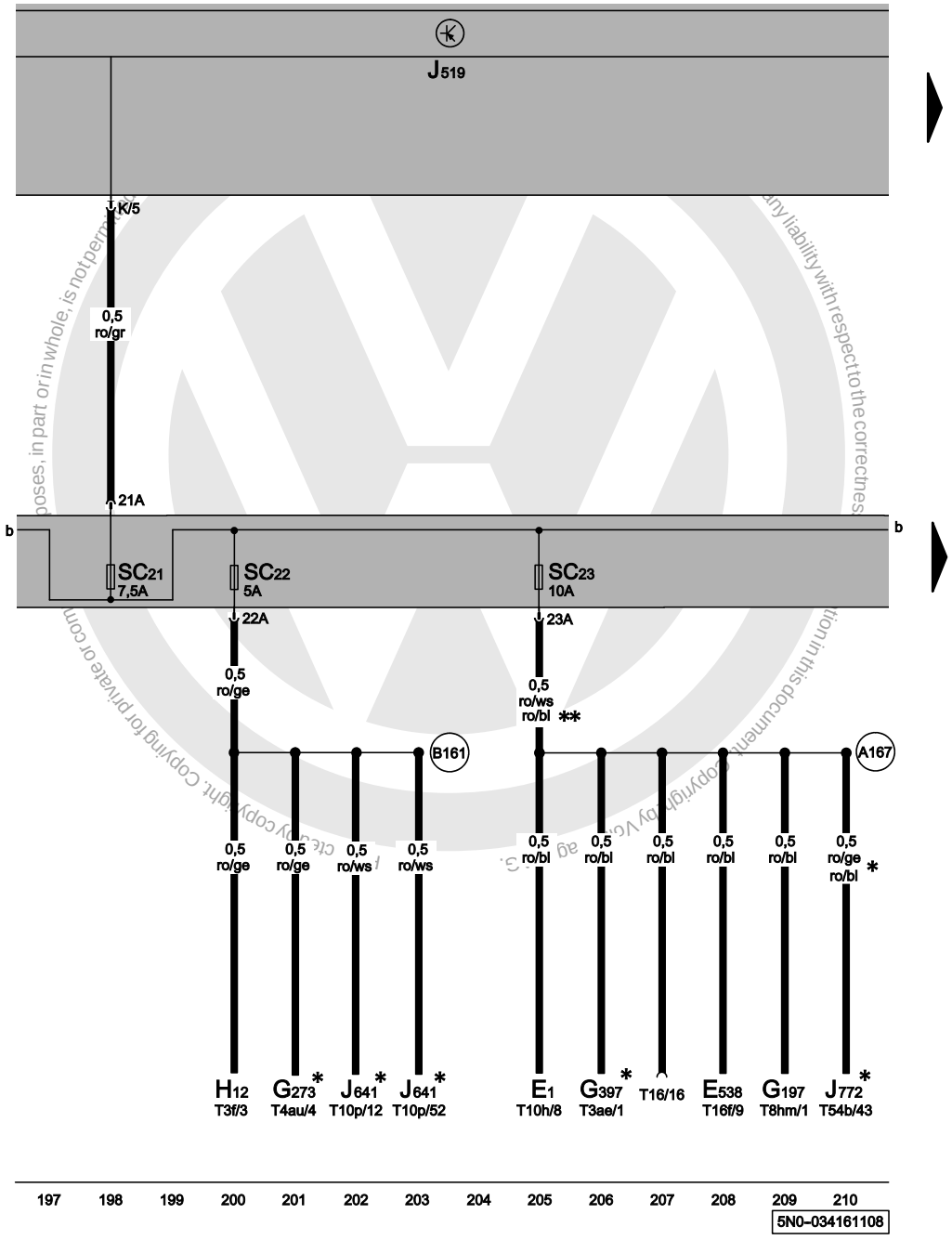


SC fuses

F125	Multifunction switch
F189	Tiptronic switch
J104	ABS control unit
J217	Automatic gearbox control unit
J255	Climatronic control unit
J301	Air conditioning system control unit
J519	Onboard supply control unit
J668	Power output module for right headlight
R149	Remote control receiver for auxiliary coolant heater
SC16	Fuse 16 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC25	Fuse 25 on fuse holder C
T6j	6-pin connector, blue
T10s	10-pin connector, under selector lever cover
T10w	10-pin connector, black
T14f	14-pin connector
T20c	20-pin connector, black
T38a	38-pin connector, black
T52	52-pin connector, black
B315	Connection 1 (30a), in main wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
*	Depends on equipment
**	Up to November 2008
***	From November 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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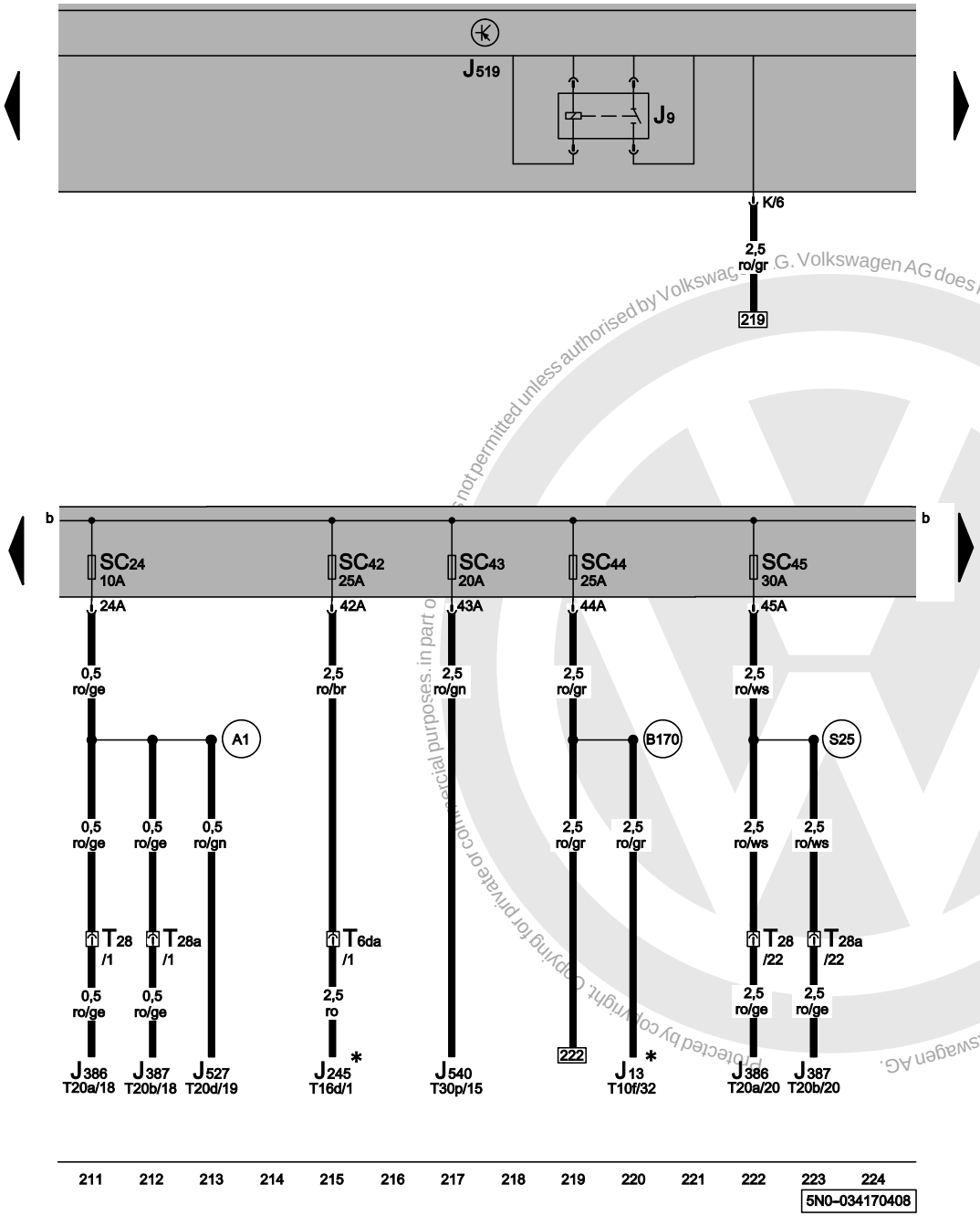


SC fuses, self-diagnosis connection

E1	Light switch
E538	Electromechanical parking brake button
G197	Magnetic field sender for compass
G273	Interior monitoring sensor
G397	Rain and light detection sensor
H12	Alarm horn
J519	Onboard supply control unit
J641	Alarm horn relay
J772	Reversing camera system control unit
SC21	Fuse 21 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC22	Fuse 23 on fuse holder C
T3ae	3-pin connector, black
T3f	3-pin connector, black
T4au	4-pin connector
T8hm	8-pin connector, black
T10h	10-pin connector, black
T10p	10-pin connector, black
T16	16-pin connector, self-diagnosis connection, on left under dash panel
T16f	16-pin connector
T54b	54-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
B161	Connection (ATA), in interior wiring harness
*	Depends on equipment
**	From November 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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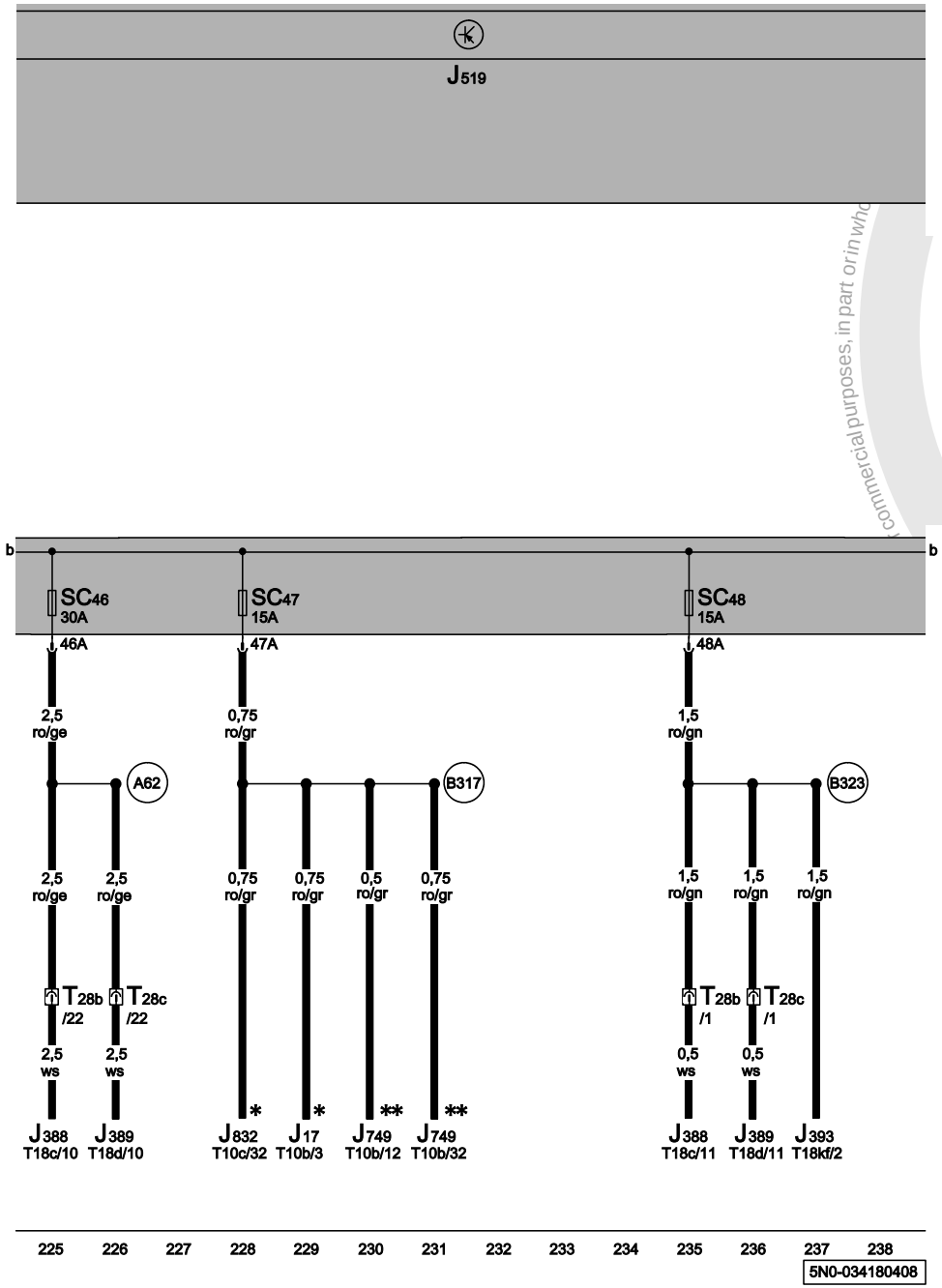


SC fuses, heated rear window relay

J9	Heated rear window relay
J13	Fresh air blower relay
J245	Sliding sunroof adjustment control unit
J386	Driver door control unit
J387	Front passenger side door control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J540	Control unit for electromechanical parking brake
SC24	Fuse 24 on fuse holder C
SC42	Fuse 42 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC44	Fuse 44 on fuse holder C
SC45	Fuse 45 on fuse holder C
T6da	6-pin connector, black
T10f	10-pin connector, black
T16d	16-pin connector
T20a	20-pin connector, black
T20b	20-pin connector, black
T20d	20-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
T30p	30-pin connector, black
A1	Positive connection (30a), in dash panel wiring harness
B170	Positive connection 2 (30), in interior wiring harness
S25	Positive connection (30a), in central locking wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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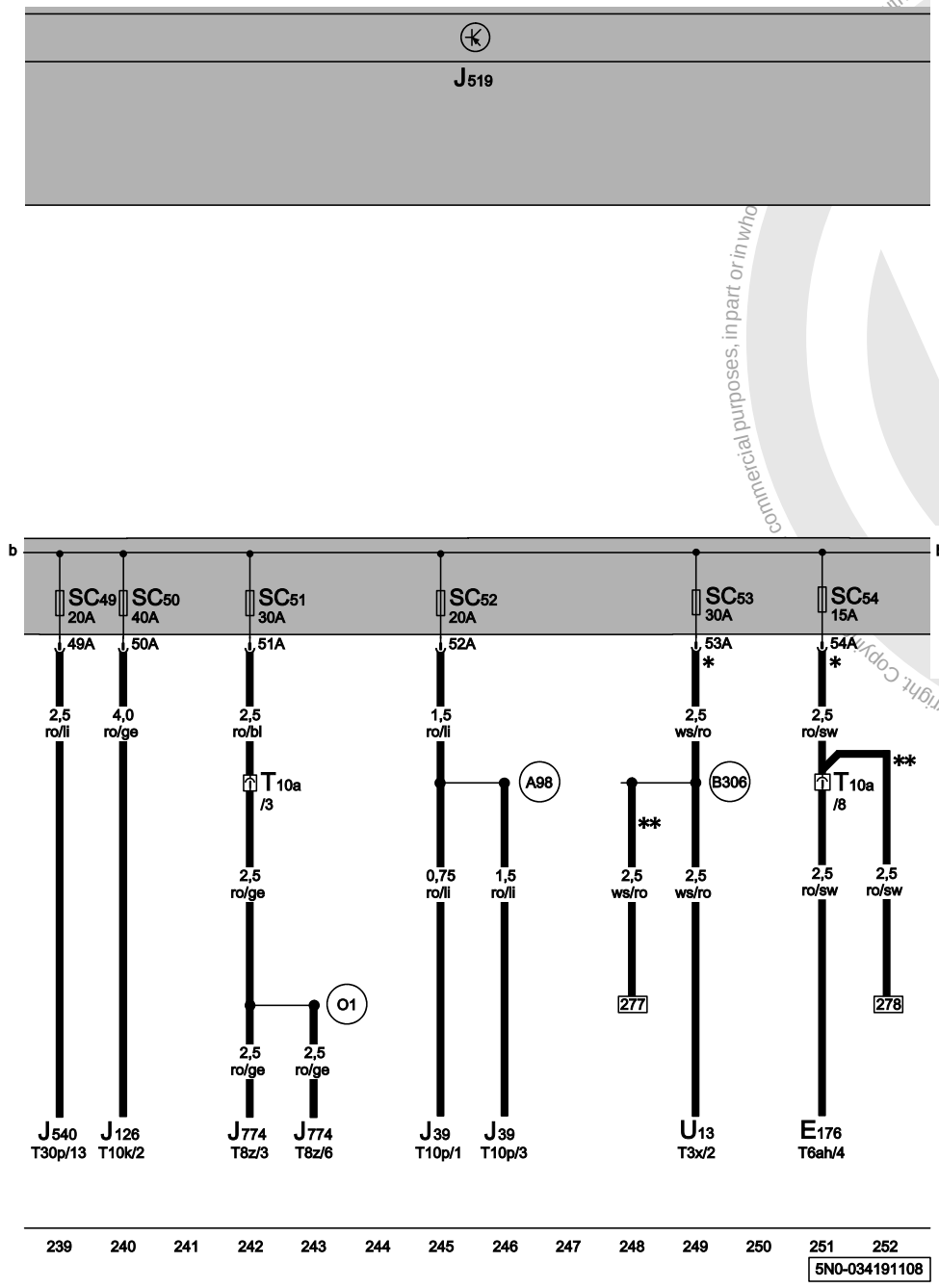


SC fuses

J17	Fuel pump relay
J388	Rear left door control unit
J389	Rear right door control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J749	Fuel pump relay for auxiliary heater
J832	Relay for supplementary fuel pump
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
T10b	10-pin connector
T10c	10-pin connector
T18c	18-pin connector, black
T18d	18-pin connector, black
T18kf	18-pin connector, brown
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim
A62	Connection (window regulators), in dash panel wiring harness
B317	Connection 3 (30a), in main wiring harness
B323	Connection 9 (30a), in main wiring harness
*	Only models with diesel engine
**	Only models with auxiliary heater

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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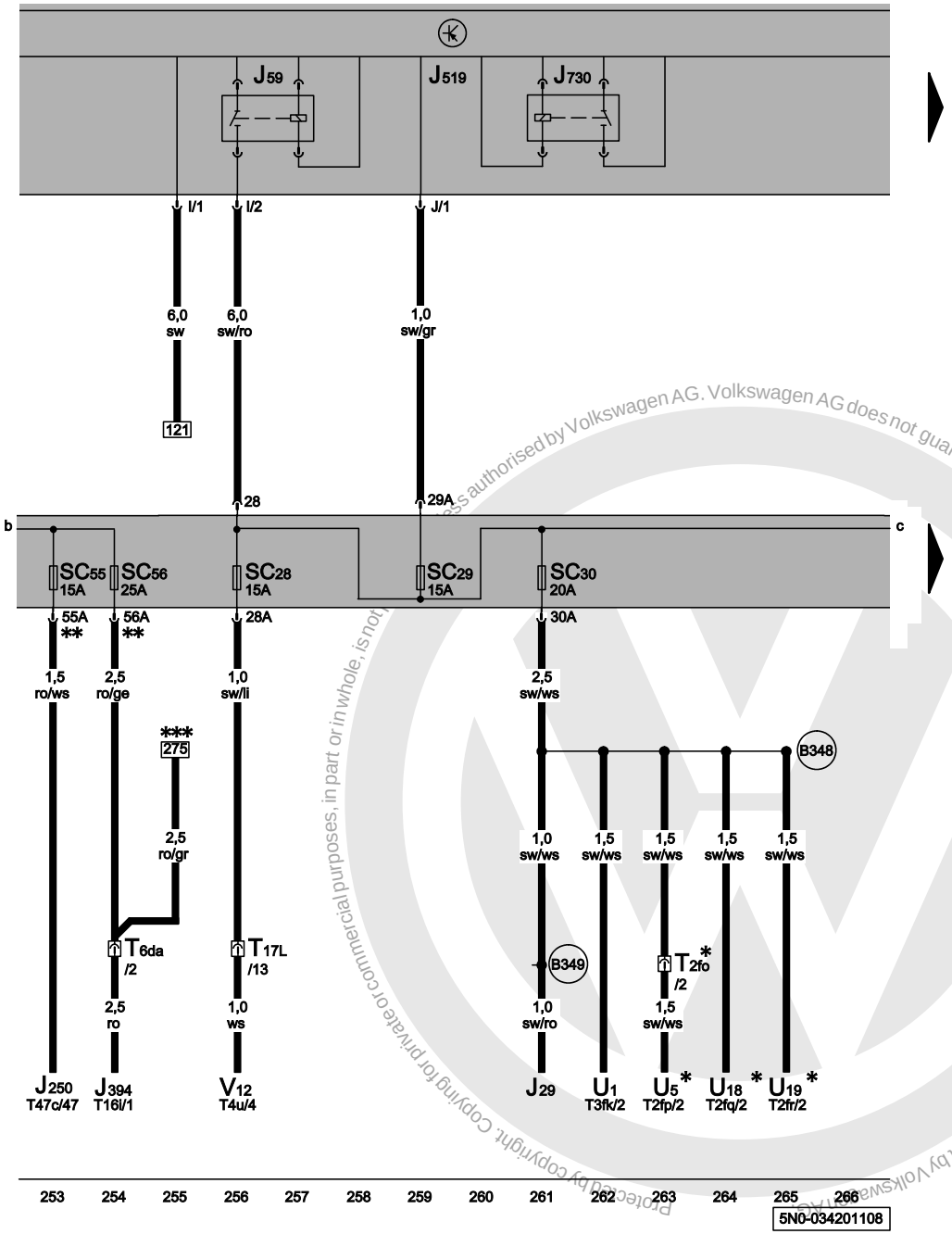


SC fuses

E176	Driver seat lumbar support adjustment switch
J39	Headlight washer system relay
J126	Fresh air blower control unit
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J774	Control unit for heated front seats
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
SC52	Fuse 52 on fuse holder C
SC53	Fuse 53 on fuse holder C
SC54	Fuse 54 on fuse holder C
T3x	3-pin connector, black
T6ah	6-pin connector
T8z	8-pin connector
T10a	10-pin connector, black, under driver seat
T10k	10-pin connector
T10p	10-pin connector, black
T30p	30-pin connector, black
U13	AC/DC converter with socket, 12 V - 230 V
A98	Positive connection 4 (30), in dash panel wiring harness
B306	Positive connection 10 (30), in main wiring harness
O1	Positive connection (30), in seat heating wiring harness
*	Up to November 2008
**	From November 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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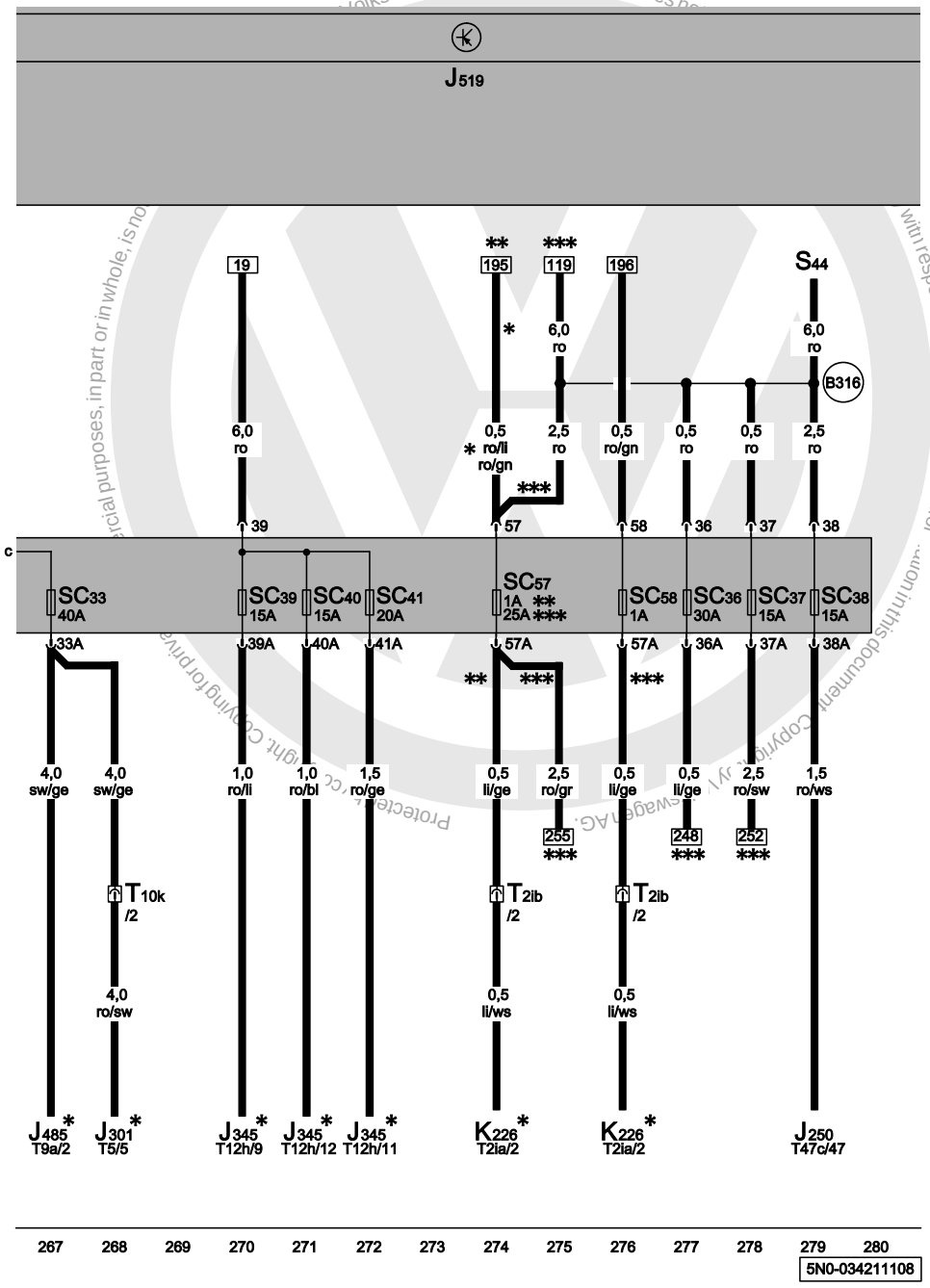


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ws = white
sw = black
ro = red
br = brown
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bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

X-contact relief relay, double washer pump relay 2, SC fuses

J29	Blocking diode
J59	X-contact relief relay
J250	Electronically controlled damping control unit
J394	Sunroof roller blind control unit
J519	Onboard supply control unit
J730	Double washer pump relay 2
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC56	Fuse 56 on fuse holder C
T2fo	2-pin connector
T2fp	2-pin connector
T2fq	2-pin connector
T2fr	2-pin connector
T3fk	3-pin connector
T4u	2-pin connector, black
T6da	6-pin connector, black
T16i	16-pin connector
T17L	17-pin connector, black
T47c	47-pin connector
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
U19	12 V socket 3
V12	Rear window wiper motor
B348	Connection 1 (75A), in main wiring harness
B349	Connection 2 (75A), in main wiring harness
*	Depends on equipment
**	Up to November 2008
***	From November 2008



SC fuses

J250	Electronically controlled damping control unit
J301	Air conditioning system control unit
J345	Trailer detector control unit
J485	Auxiliary heater operation relay
J519	Onboard supply control unit
K226	Trailer towing attachment locked warning lamp
S44	Driver seat adjustment thermal fuse 1
SC33	Fuse 33 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC37	Fuse 37 on fuse holder C
SC38	Fuse 38 on fuse holder C
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC58	Fuse 58 on fuse holder C
T2ia	2-pin connector, black
T2ib	2-pin connector, black
T5	5-pin connector, black
T9a	9-pin connector, black
T10k	10-pin connector
T12h	12-pin connector, red
T47c	47-pin connector
B316	Connection 2 (30a), in main wiring harness
*	Depends on equipment
**	Up to November 2008
***	From November 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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Seat heating

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

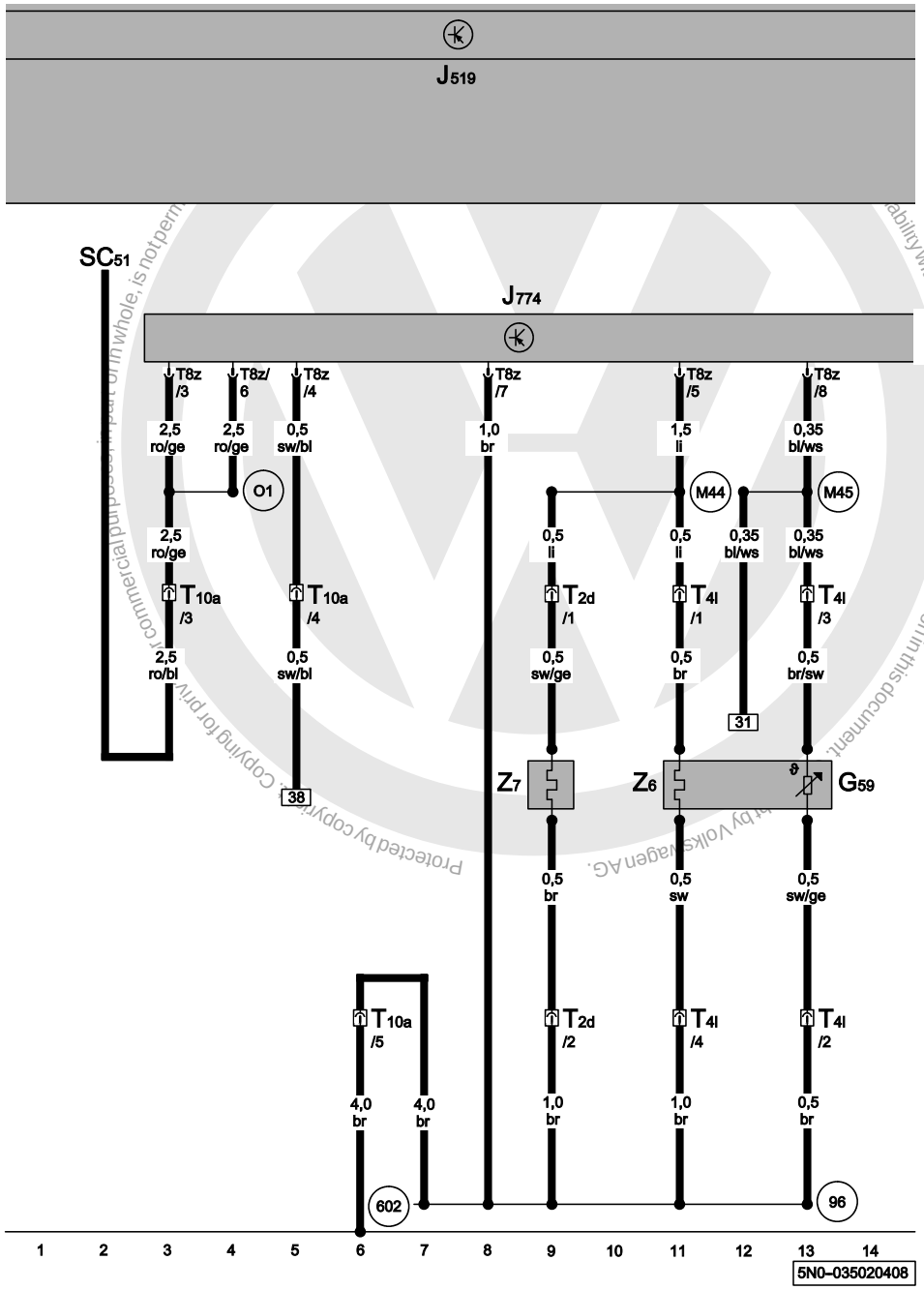
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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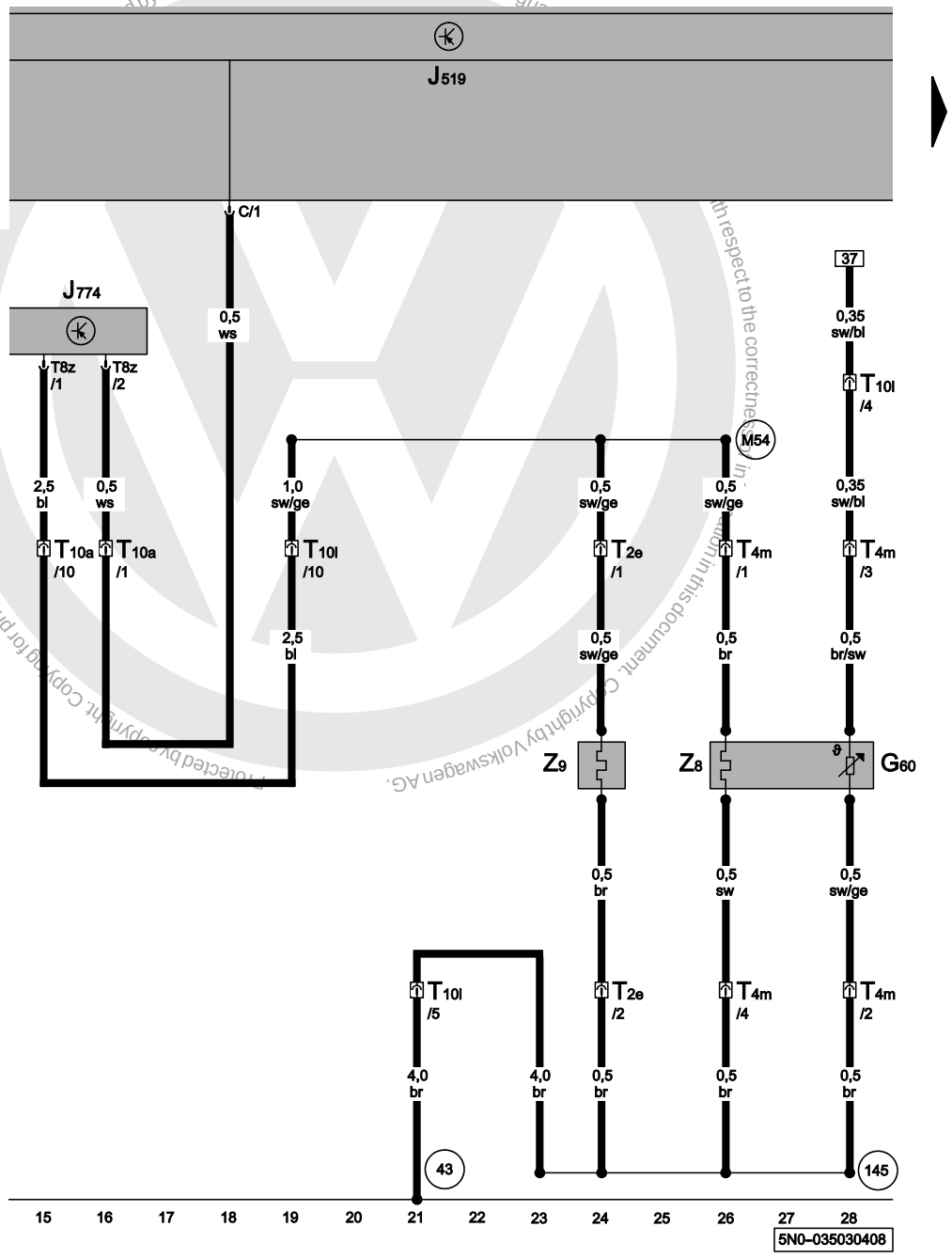


Heated driver seat, heated driver seat backrest, control unit for heated front seats, driver seat temperature sensor

G59	Driver seat temperature sensor
J519	Onboard supply control unit
J774	Control unit for heated front seats
SC51	Fuse 51 on fuse holder C
T2d	2-pin connector
T4l	4-pin connector
T8z	8-pin connector
T10a	10-pin connector, black, under driver seat
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
96	Earth connection 1, in seat heating wiring harness
602	Earth point, in front left footwell
M44	Connection 4, in driver seat wiring harness
M45	Connection 5, in driver seat wiring harness
O1	Positive connection (30), in seat heating wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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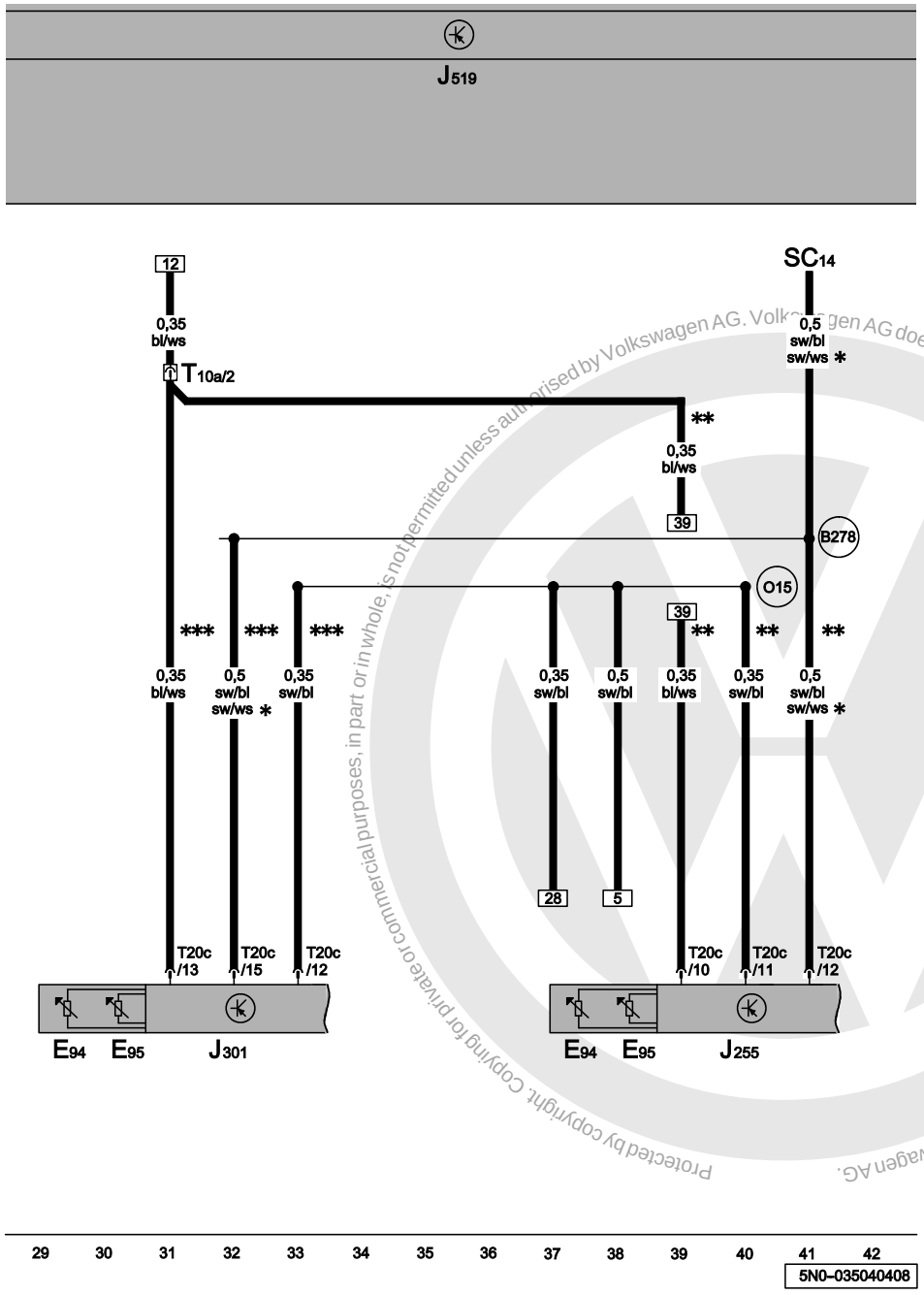


Heated front passenger seat, heated front passenger seat backrest, control unit for heated front seats, front passenger seat temperature sensor

G60	Front passenger seat temperature sensor
J774	Control unit for heated front seats
J519	Onboard supply control unit
T2e	2-pin connector
T4m	4-pin connector
T8z	8-pin connector
T10a	10-pin connector, black, under driver seat
T10l	10-pin connector, black, under front passenger seat
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
43	Earth point, lower part of right A-pillar
145	Earth connection 3, in seat heating wiring harness
M54	Connection 4, in front passenger seat wiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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Heated front passenger seat regulator, heated driver seat regulator, fuse SC14, Climatronic control unit, air conditioning system control unit

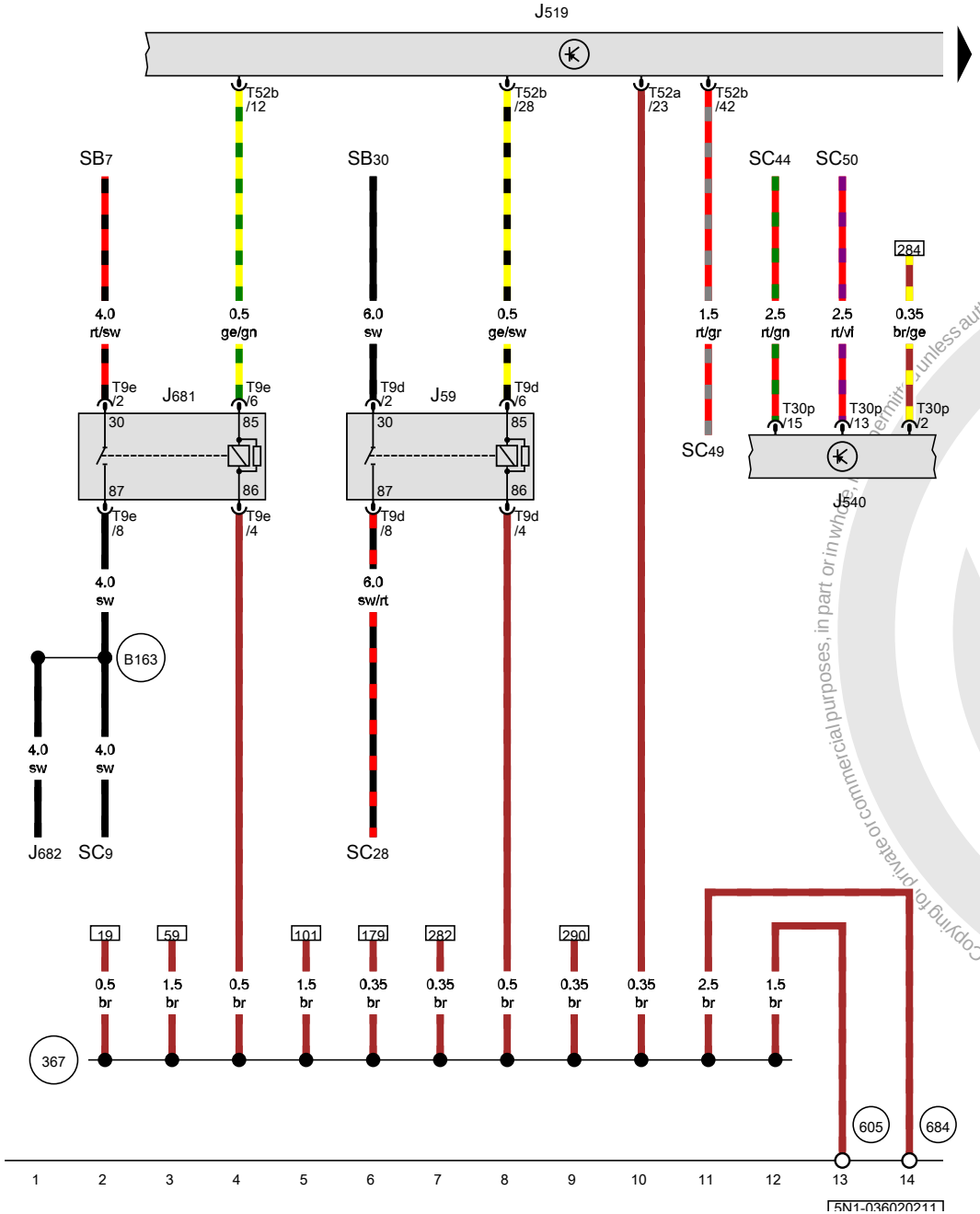
E94	Heated driver seat regulator
E95	Heated front passenger seat regulator
J255	Climatronic control unit
J301	Air conditioning system control unit
J519	Onboard supply control unit
SC14	Fuse 14 on fuse holder C
T10a	10-pin connector, black, under driver seat
T20c	20-pin connector, black
B278	Connection 2 (15a), in main wiring harness
O15	Connection 4, in seat heating wiring harness
*	From May 2008
**	Only models with Climatronic
***	Only models with Climatic

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sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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Basic equipment

From May 2009

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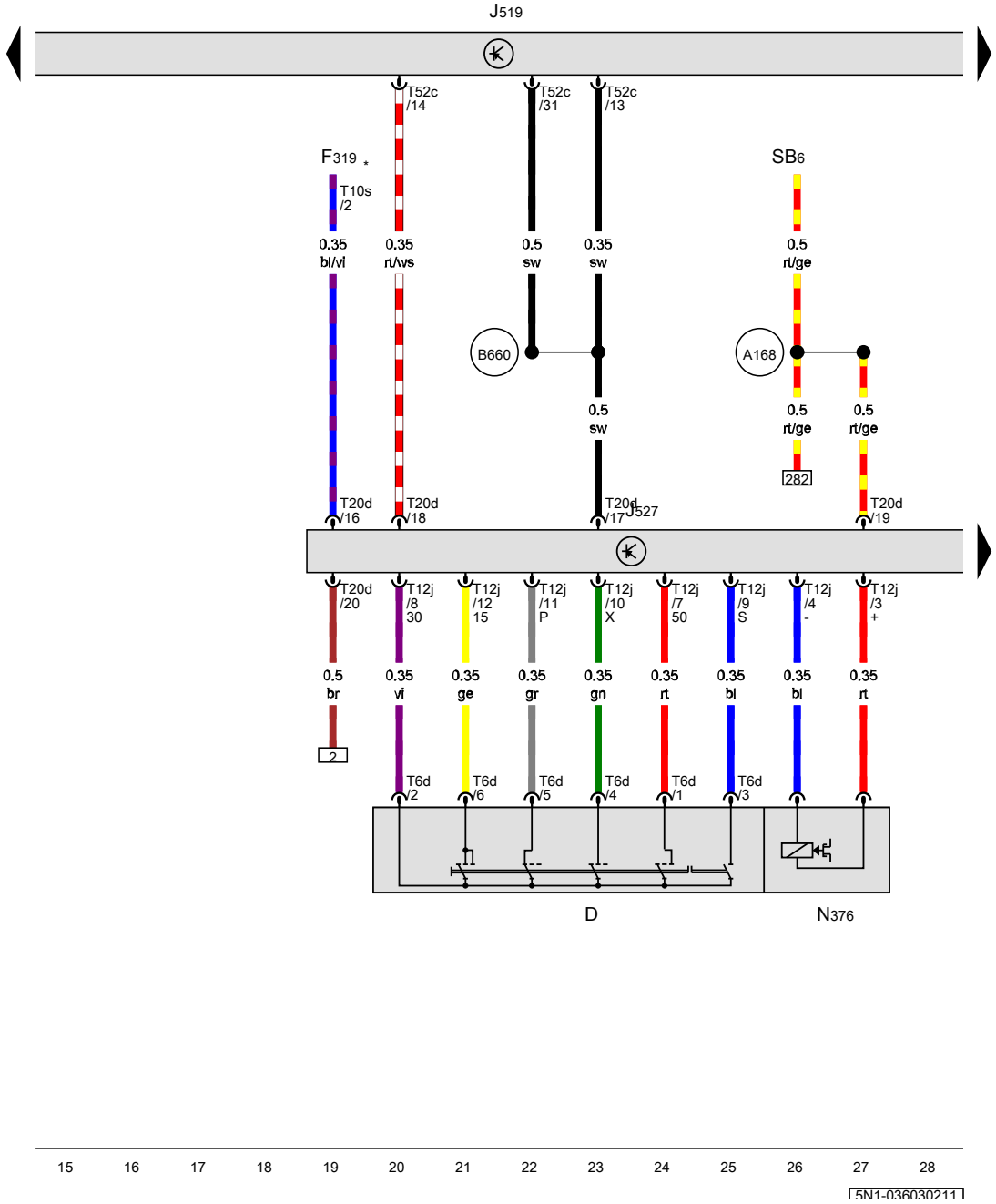
X-contact relief relay, Onboard supply control unit, Control unit for electromechanical parking brake, Terminal 15 voltage supply relay 2

J59	X-contact relief relay
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SB7	Fuse 7 on fuse holder B
SC9	Fuse 9 on fuse holder C
SC28	Fuse 28 on fuse holder C
SB30	Fuse 30 on fuse holder B
SC44	Fuse 44 on fuse holder C
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
T9d	9-pin connector
T9e	9-pin connector
T30p	30-pin connector
T52a	52-pin connector
T52b	52-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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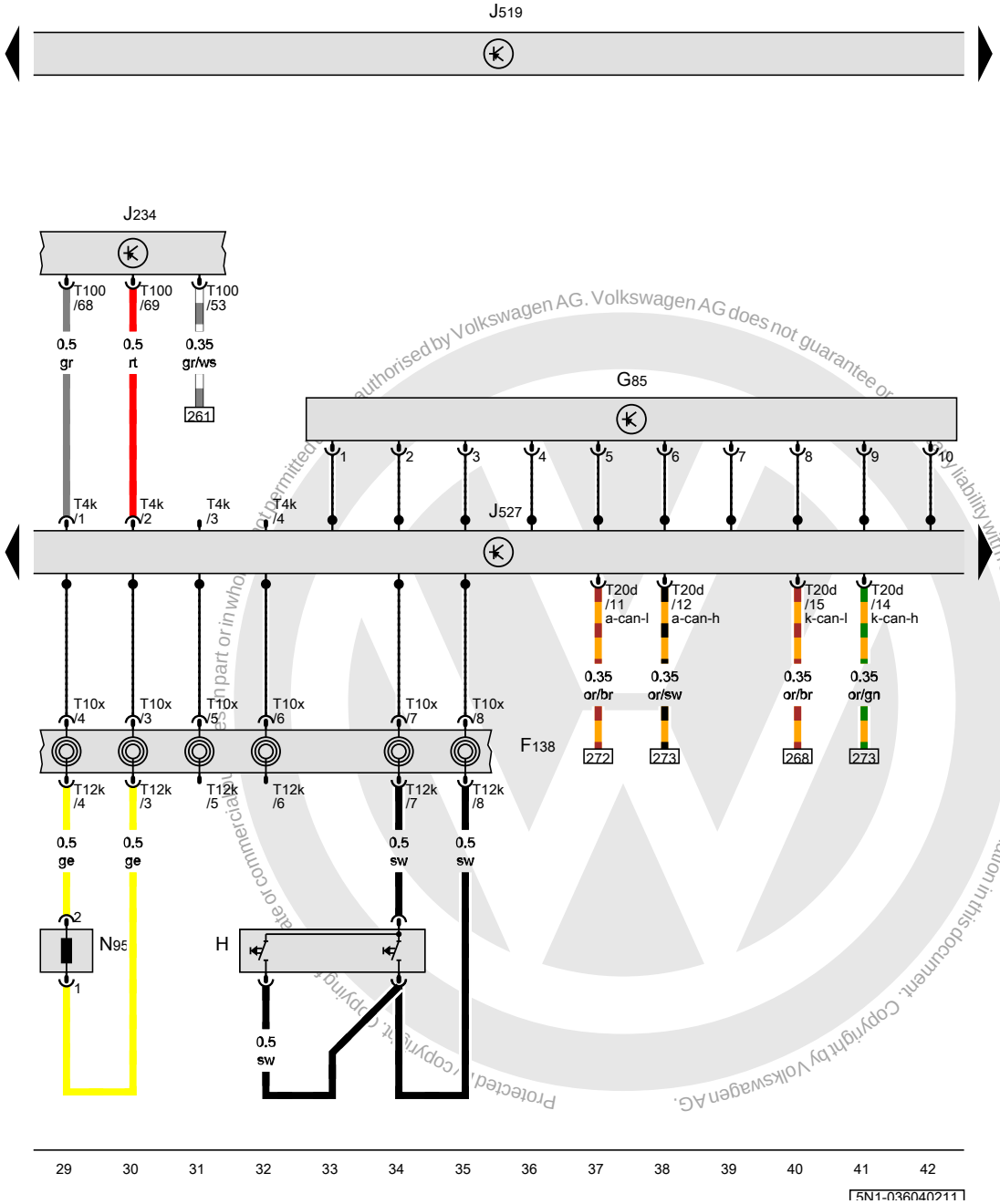
Ignition/starter switch, Onboard supply control unit, Steering column electronics control unit, Ignition key withdrawal lock solenoid



D	Ignition/starter switch
F319	Selector lever locked in position P switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
N376	Ignition key withdrawal lock solenoid
SB6	Fuse 6 on fuse holder B
T6d	6-pin connector
T10s	10-pin connector
T12j	12-pin connector
T20d	20-pin connector
T52c	52-pin connector
A168	Positive connection 4 (30a) in dash panel wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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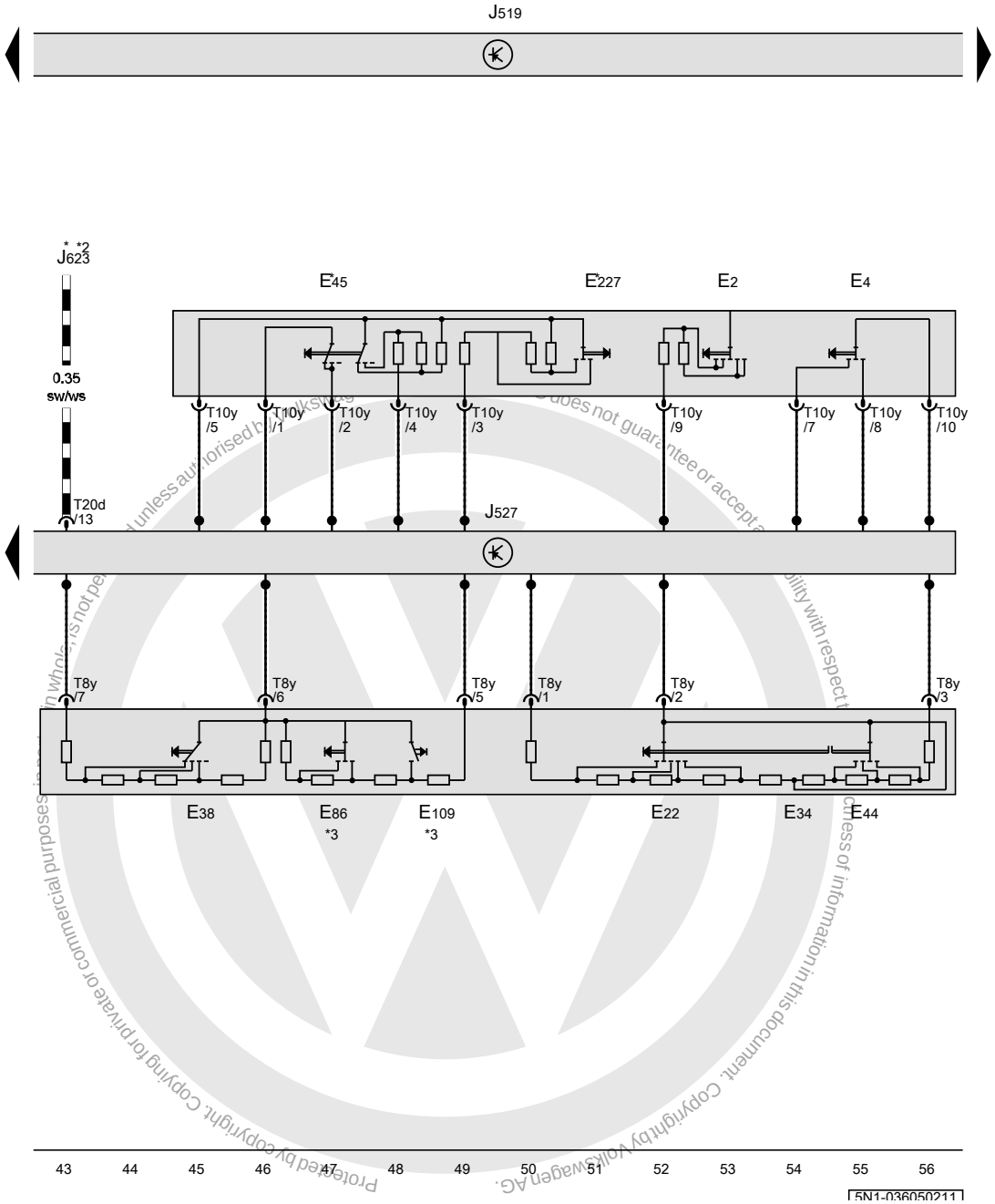


Airbag coil connector and return ring with slip ring, Steering angle sender, Horn plate, Airbag control unit, Onboard supply control unit, Steering column electronics control unit, Driver side airbag igniter

F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
T4k	4-pin connector
T10x	10-pin connector
T12k	12-pin connector
T20d	20-pin connector
T100	100-pin connector
*	Only models with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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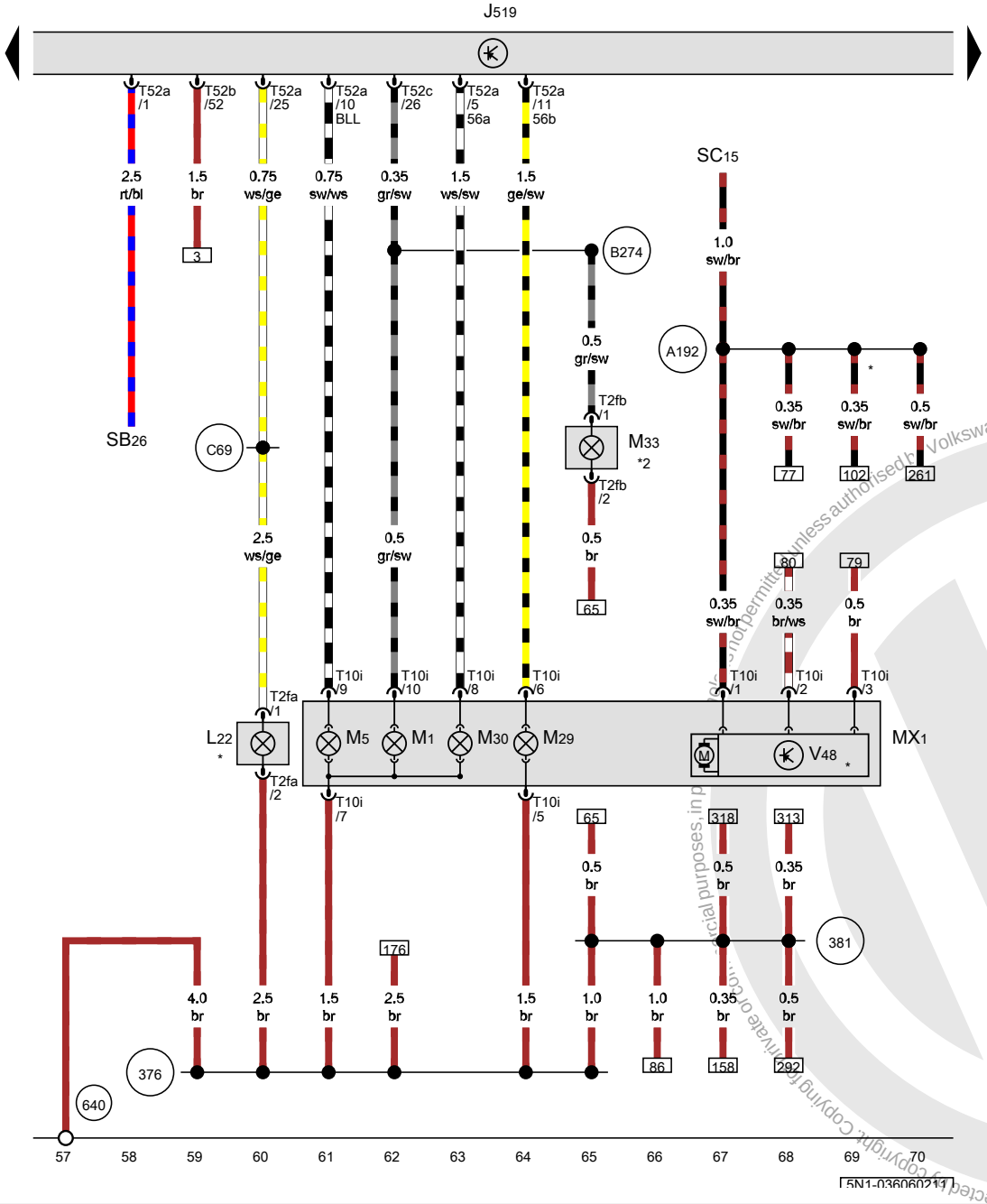


Cruise control system (CCS) SET button, Onboard supply control unit, Steering column electronics control unit

E2	Turn signal switch
E4	Headlight dipper and flasher switch
E22	Intermittent wiper switch
E34	Rear wiper switch
E38	Intermittent wiper regulator
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E45	Cruise control system switch
E86	Multifunction display call-up button
E109	Multifunction display memory switch
E227	Cruise control system (CCS) SET button
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
T8y	8-pin connector
T10y	10-pin connector
T20d	20-pin connector
640	Earth point 2, left in engine compartment
*	Only models with cruise control system (CCS)
*2	see applicable current flow diagram for engine
*3	Only models with multifunction display

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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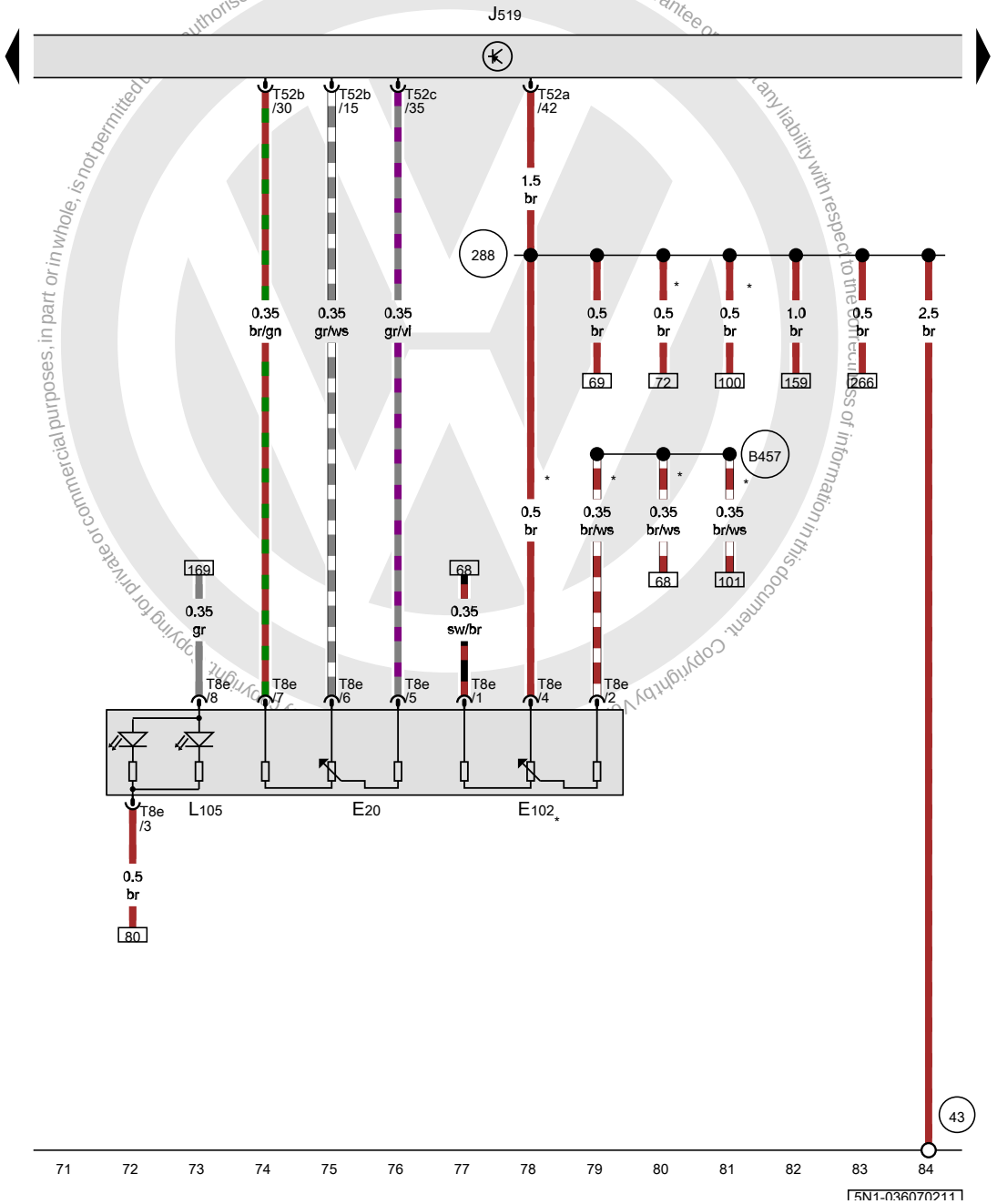
Onboard supply control unit, Left fog light bulb, Front left headlight

J519	Onboard supply control unit
L22	Left fog light bulb
M1	Left side light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
M33	Front left side marker bulb
SC15	Fuse 15 on fuse holder C
SB26	Fuse 26 on fuse holder B
T2fa	2-pin connector
T2fb	2-pin connector
T10i	10-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
V48	Left headlight range control motor
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
A192	Positive connection 3 (15a) in dash panel wiring harness
B274	Positive connection (58L), in main wiring harness
C69	Front left connection (fog light),, in main wiring harness
*	According to equipment
*2	Only for American markets

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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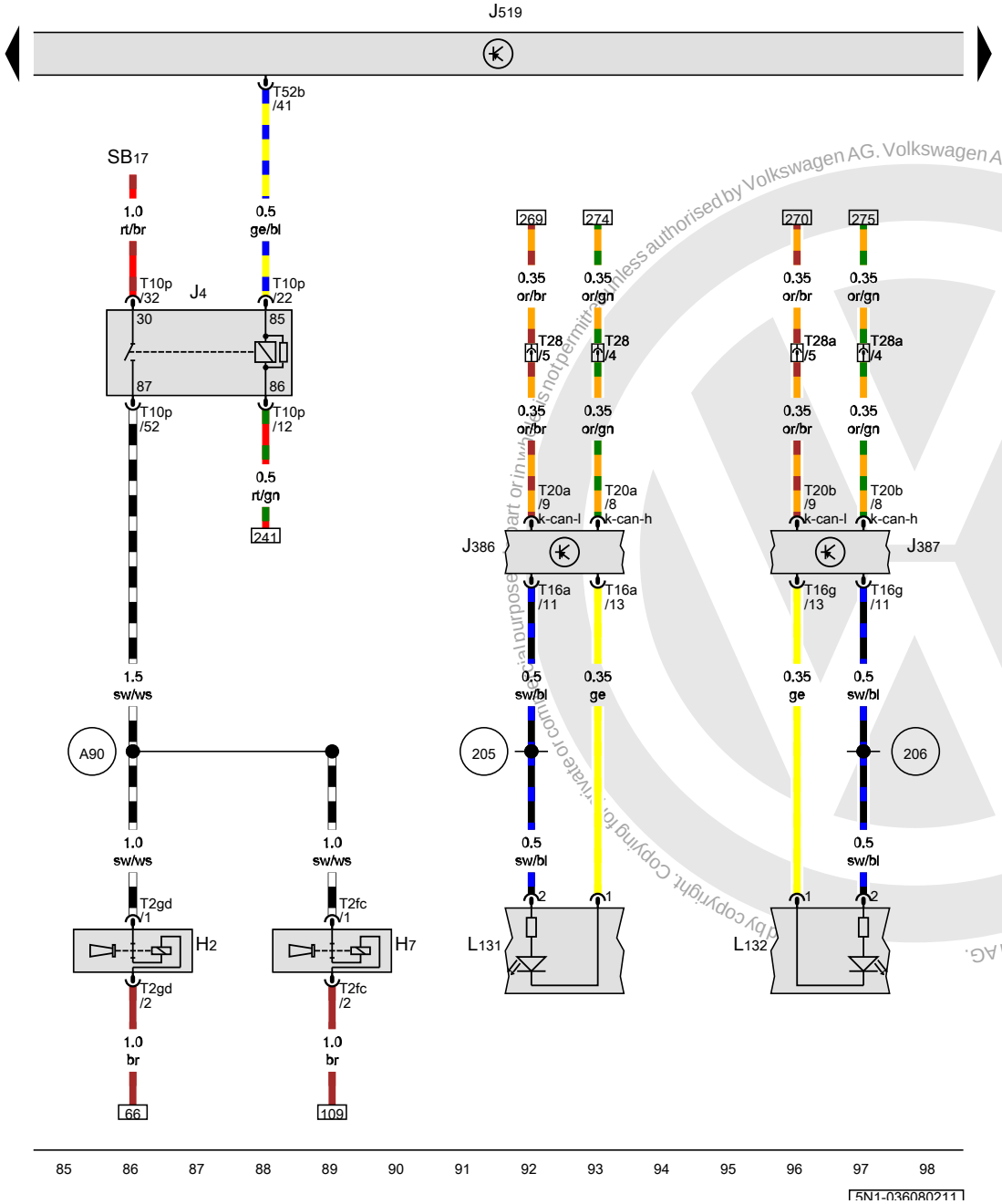
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Switch and instrument illumination regulator, Onboard supply control unit

E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
J519	Onboard supply control unit
L105	Illumination regulator illumination bulb
T8e	8-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
B457	Connection 1 (potentiometer), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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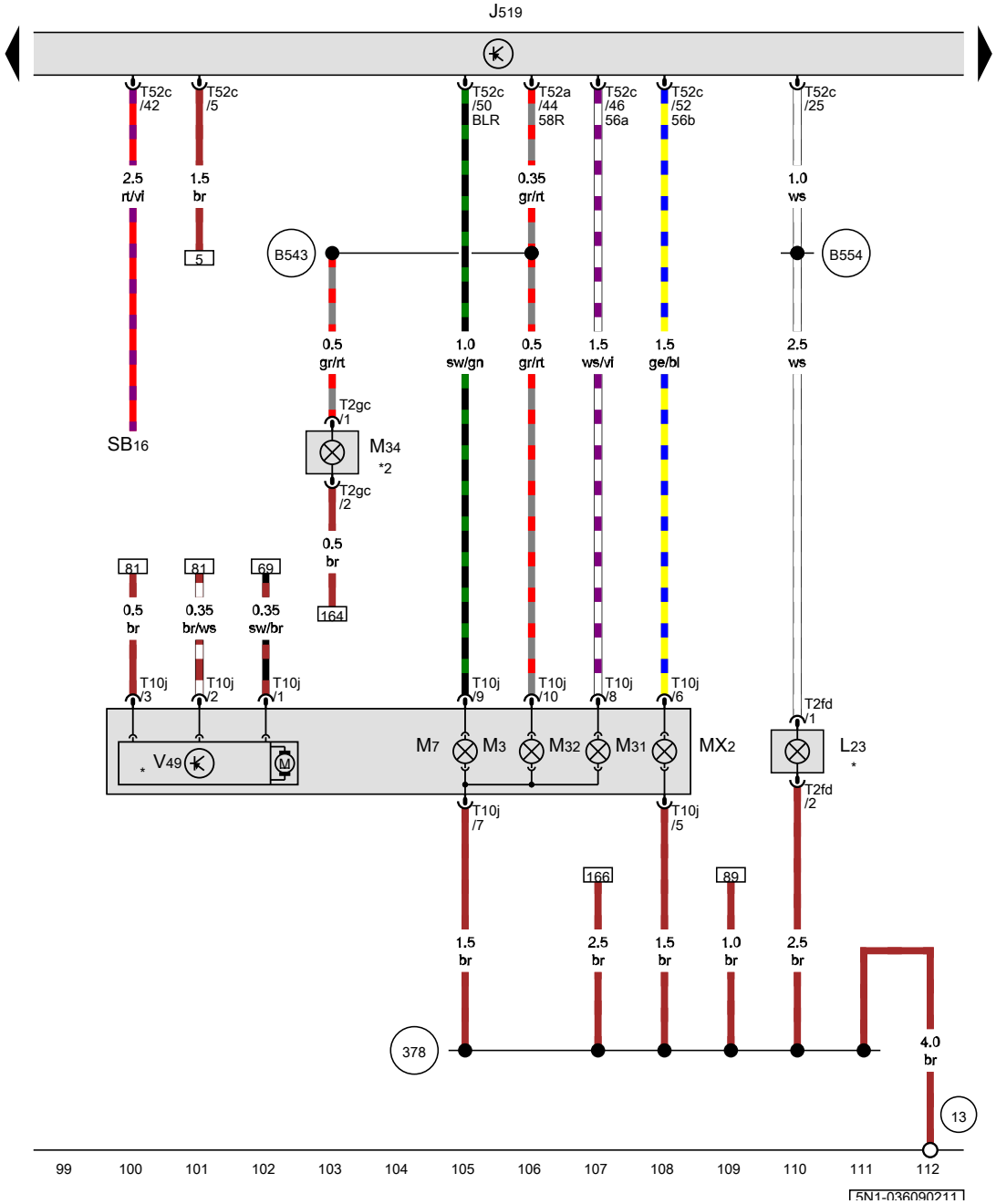
Dual tone horn relay, Driver door control unit, Front passenger door control unit, Onboard supply control unit, Driver side turn signal repeater bulb, Front passenger side turn signal repeater bulb

H2	Treble horn
H7	Bass horn
J4	Dual tone horn relay
J386	Driver door control unit
J387	Front passenger door control unit
J519	Onboard supply control unit
L131	Driver side turn signal repeater bulb
L132	Front passenger side turn signal repeater bulb
SB17	Fuse 17 on fuse holder B
T2fc	2-pin connector
T2gd	2-pin connector
T10p	10-pin connector
T16a	16-pin connector
T16g	16-pin connector
T20a	20-pin connector
T20b	20-pin connector
T28	28-pin connector
T28a	28-pin connector
T52b	52-pin connector
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
A90	Connection (dual tone horn), in dash panel wiring harness

ws	=	white
sw	=	black
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Onboard supply control unit, Right fog light bulb, Front right headlight



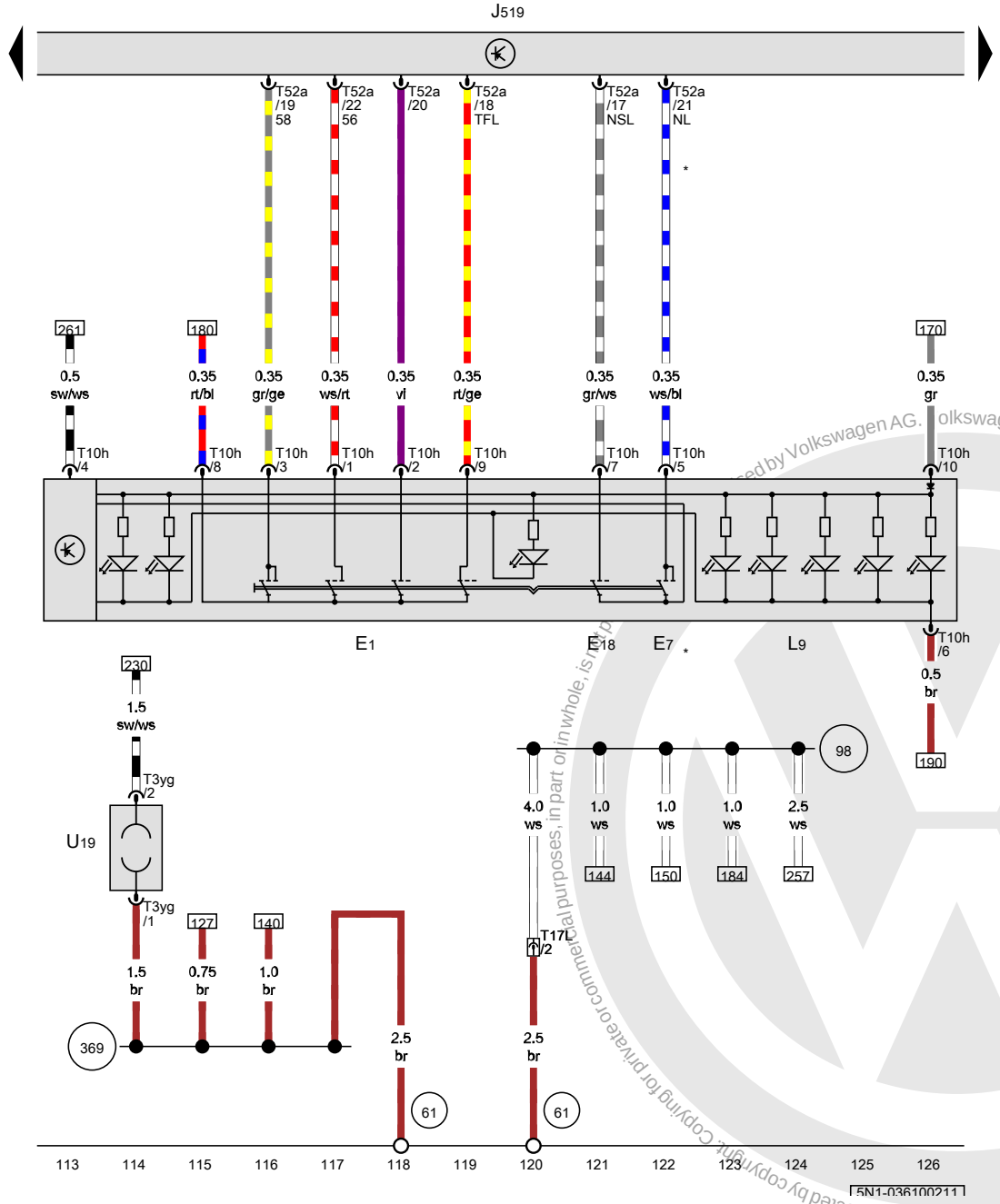
J519	Onboard supply control unit
L23	Right fog light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
M34	Front right side marker bulb
SB16	Fuse 16 on fuse holder B
T2fd	2-pin connector
T2gc	2-pin connector
T10j	10-pin connector
T52a	52-pin connector
T52c	52-pin connector
V49	Right headlight range control motor
13	Earth point, on right in engine compartment
378	Earth connection 13, in main wiring harness
B543	Positive connection (58R), in main wiring harness
B554	Connection (fog light), in main wiring harness
*	According to equipment
*2	Only for American markets

ws	=	white
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ro	=	red
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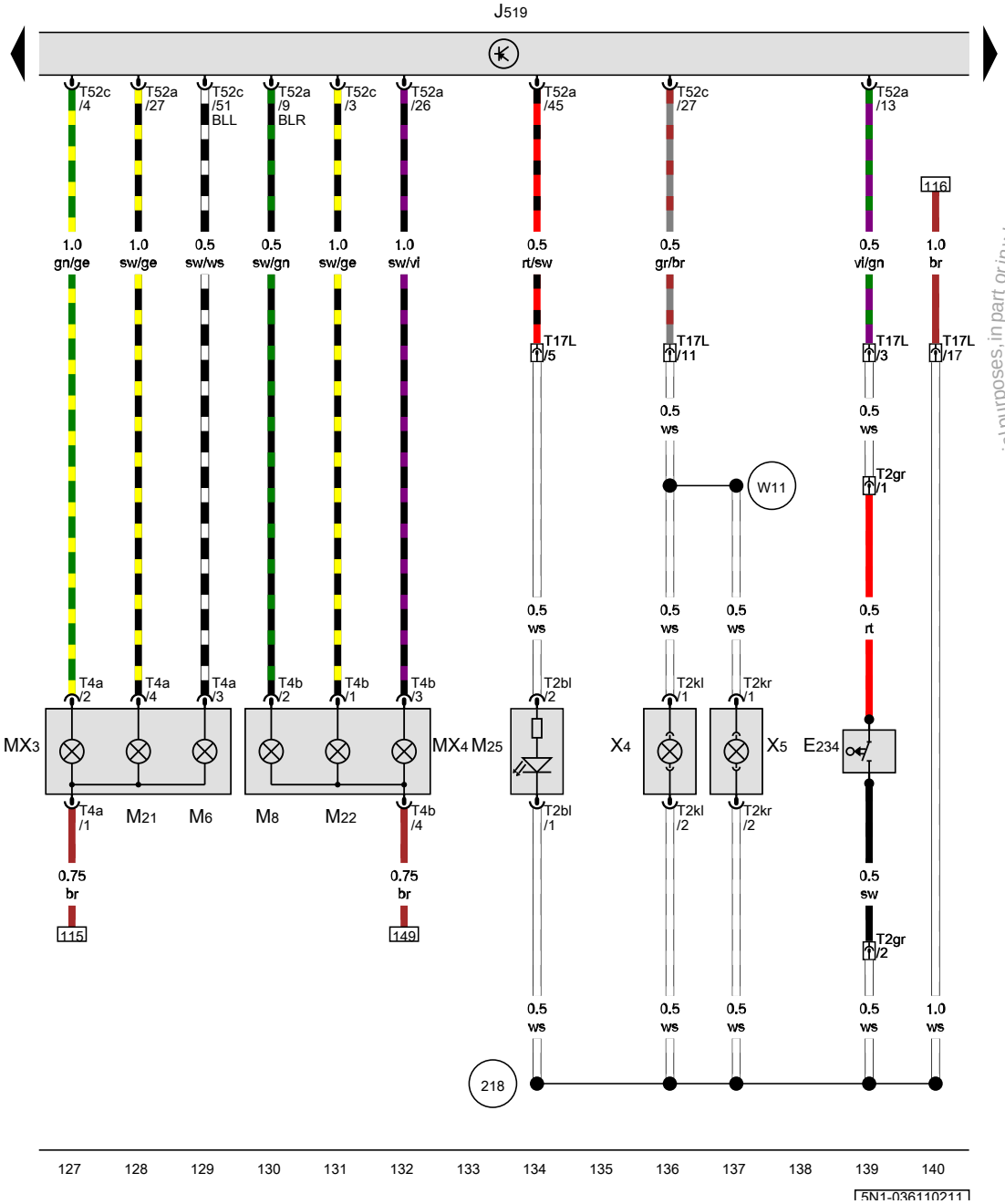
Light switch, Onboard supply control unit, 12 V socket 3

E1	Light switch
E7	Fog light switch
E18	Rear fog light switch
J519	Onboard supply control unit
L9	Light switch illumination bulb
T3yg	3-pin connector
T10h	10-pin connector
T17L	17-pin connector
T52a	52-pin connector
U19	12 V socket 3
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
*	According to equipment



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gn	=	green
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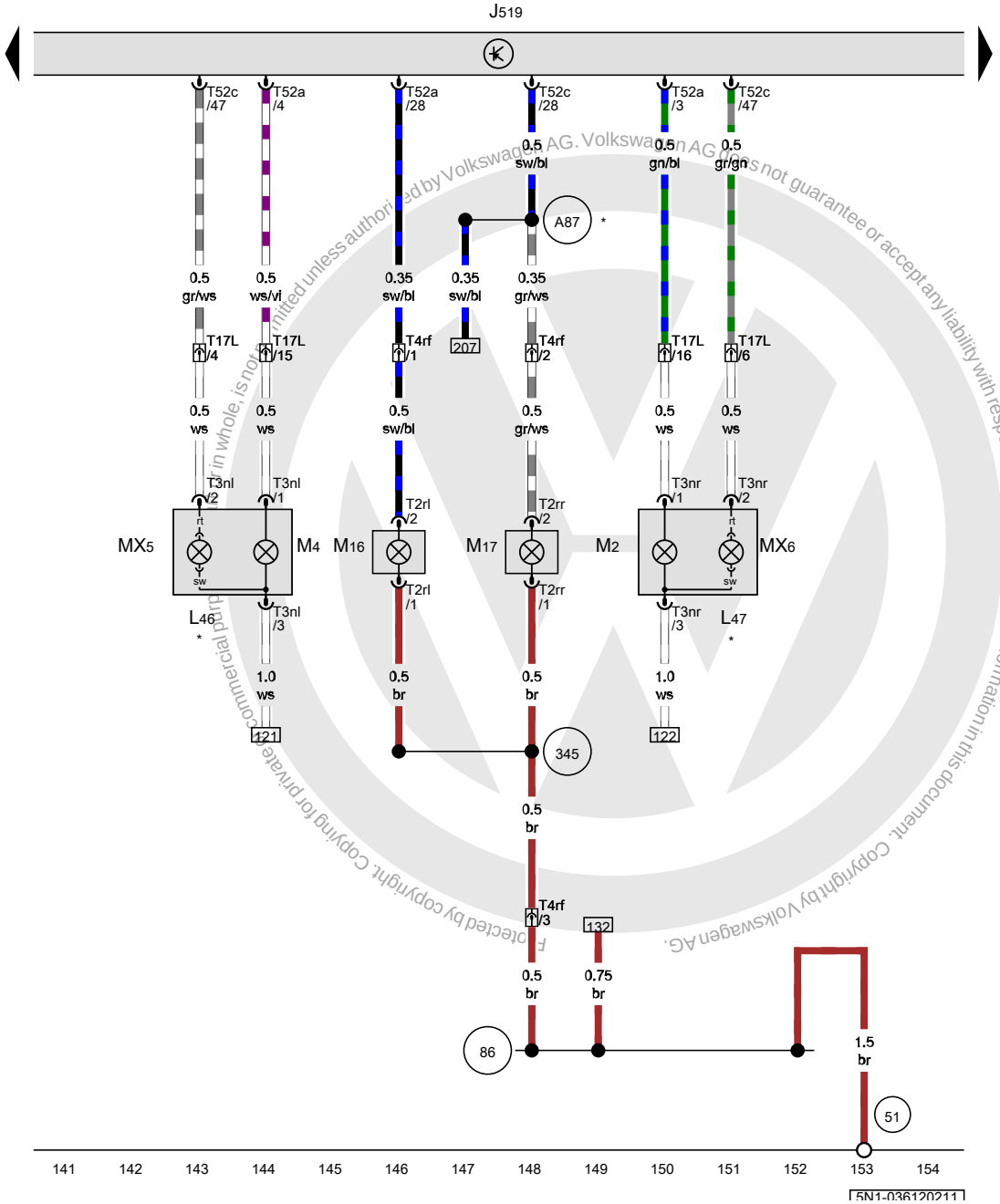


Onboard supply control unit, Left tail light, Right tail light, Additional brake light bulb, Left number plate light, Right number plate light

E234	Rear lid handle release button
J519	Onboard supply control unit
MX3	Left tail light
MX4	Right tail light
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	Additional brake light bulb
T2bl	2-pin connector
T2gr	2-pin connector
T2kl	2-pin connector
T2kr	2-pin connector
T4a	4-pin connector
T4b	4-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52c	52-pin connector
X4	Left number plate light
X5	Right number plate light
218	Earth connection 1, in rear lid wiring harness
W11	Connection (58), in rear lid wiring harness

ws	=	white
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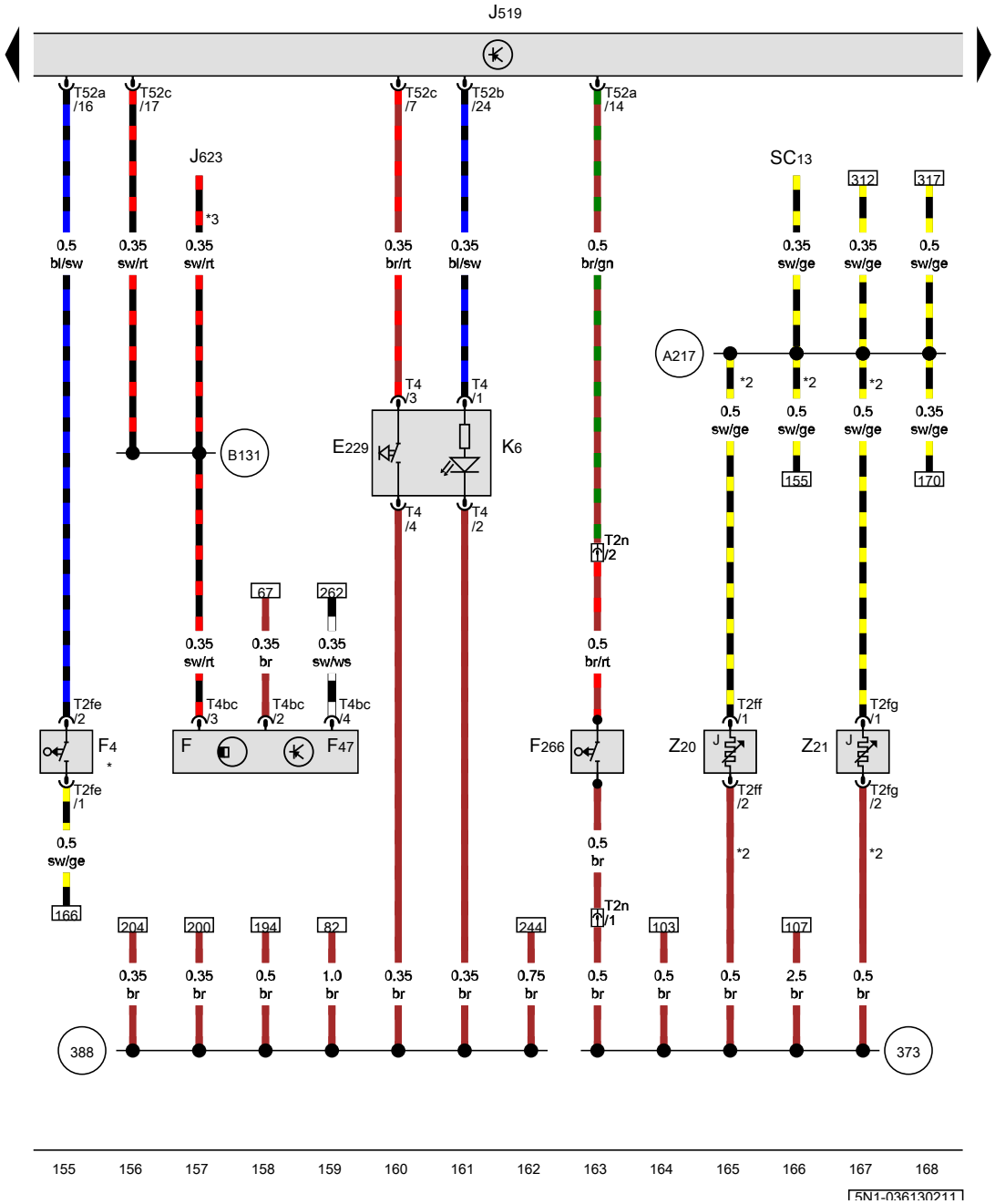


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Onboard supply control unit, Left tail light 2, Right tail light 2, Left reversing light bulb, Right reversing light bulb

J519	Onboard supply control unit
L46	Rear left fog light bulb
L47	Rear right fog light bulb
M2	Right tail light bulb
M4	Left tail light bulb
MX5	Left tail light 2
MX6	Right tail light 2
M16	Left reversing light bulb
M17	Right reversing light bulb
T2rl	2-pin connector
T2rr	2-pin connector
T3nl	3-pin connector
T3nr	3-pin connector
T4rf	4-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52c	52-pin connector
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
345	Earth connection, in bumper wiring harness
A87	Connection (RL), in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

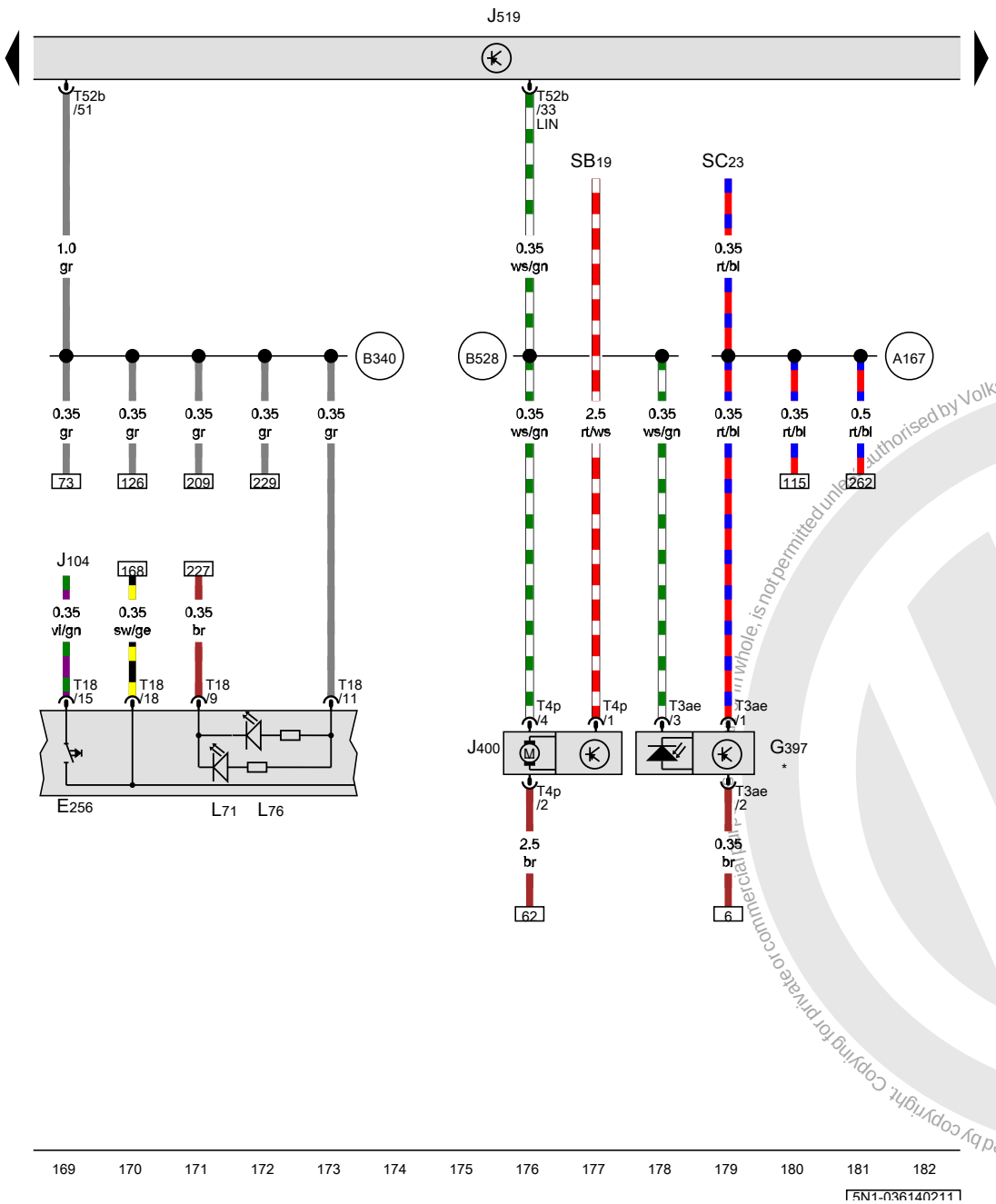


Hazard warning lights button, Brake light switch, Reversing light switch, Bonnet contact switch, Onboard supply control unit, Left washer jet heater element, Right washer jet heater element

E229	Hazard warning lights button
F	Brake light switch
F4	Reversing light switch
F47	Brake pedal switch
F266	Bonnet contact switch
J519	Onboard supply control unit
J623	Engine control unit
K6	Indicator lamp for hazard warning light
SC13	Fuse 13 on fuse holder C
T2fe	2-pin connector
T2ff	2-pin connector
T2fg	2-pin connector
T2n	2-pin connector
T4	4-pin connector
T4bc	4-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
373	Earth connection 8, in main wiring harness
388	Earth connection 23, in main wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B131	Connection (54), in interior wiring harness
*	Only models with automatic gearbox
*2	According to equipment
*3	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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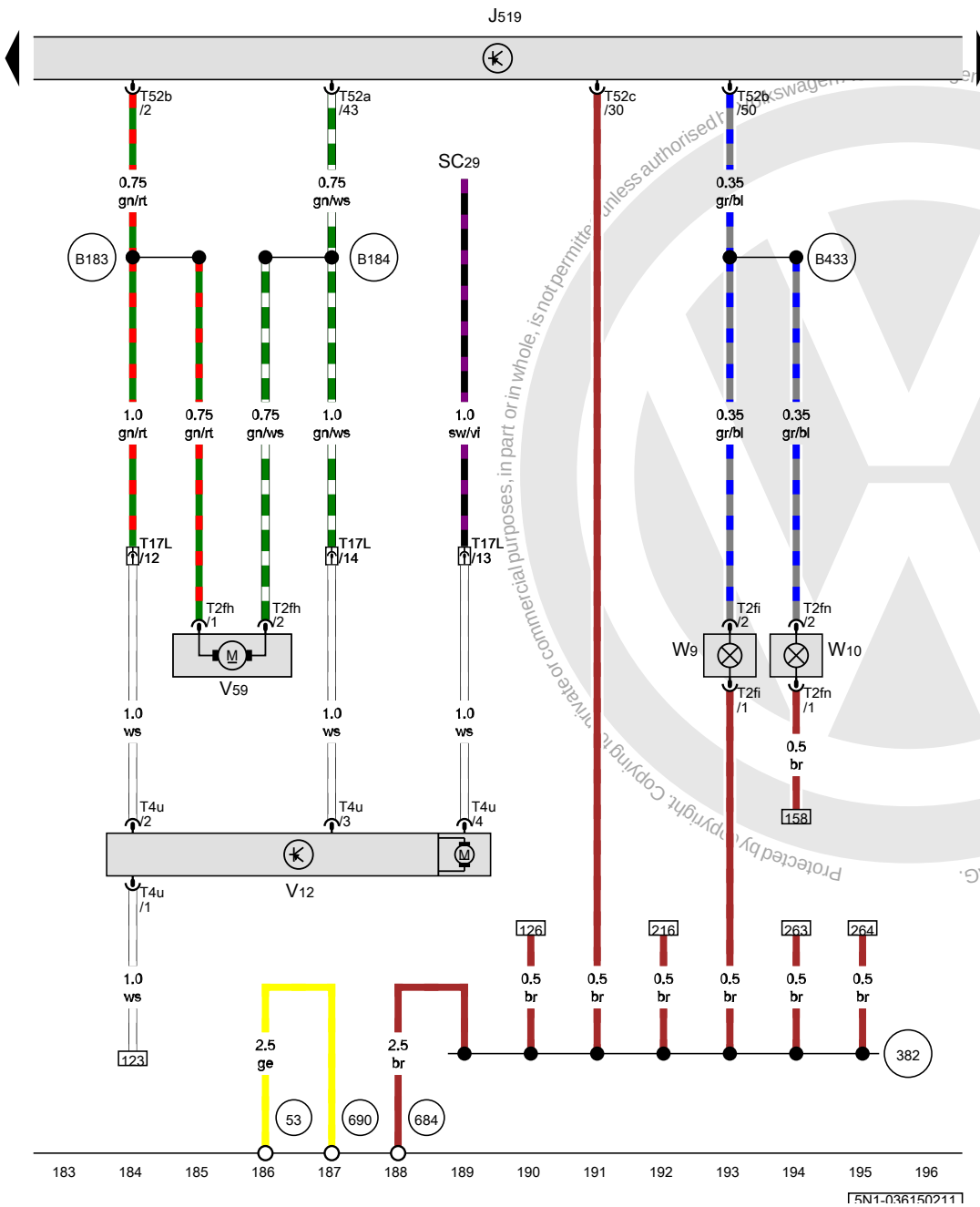


TCS and ESP button, Rain and light sensor, Wiper motor control unit, Onboard supply control unit

E256	TCS and ESP button
G397	Rain and light sensor
J104	ABS control unit
J400	Wiper motor control unit
J519	Onboard supply control unit
L71	Traction control switch illumination bulb
L76	Button illumination bulb
SB19	Fuse 19 on fuse holder B
SC23	Fuse 23 on fuse holder C
T3ae	3-pin connector
T4p	4-pin connector
T18	18-pin connector
T52b	52-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
B340	Connection 1 (58d), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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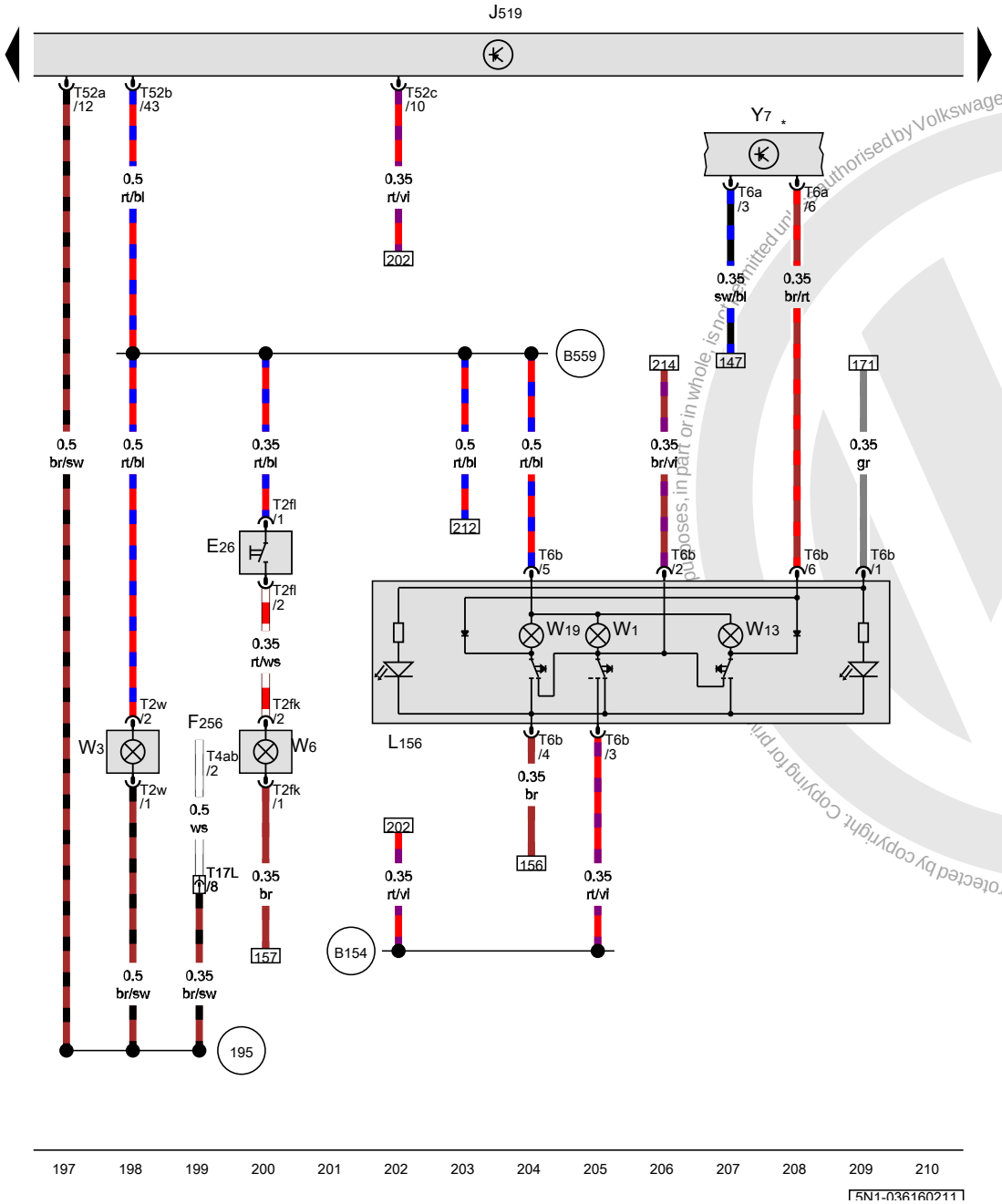


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump, Left footwell light, Right footwell light

J519	Onboard supply control unit
SC29	Fuse 29 on fuse holder C
T2fh	2-pin connector
T2fi	2-pin connector
T2fn	2-pin connector
T4u	4-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
W9	Left footwell light
W10	Right footwell light
53	Earth point, on right in rear lid
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
690	Earth point, rear centre roof frame
B183	Connection 1 (washer pump), in interior wiring harness
B184	Connection 2 (washer pump), in interior wiring harness
B433	Connection (footwell light), in main wiring harness

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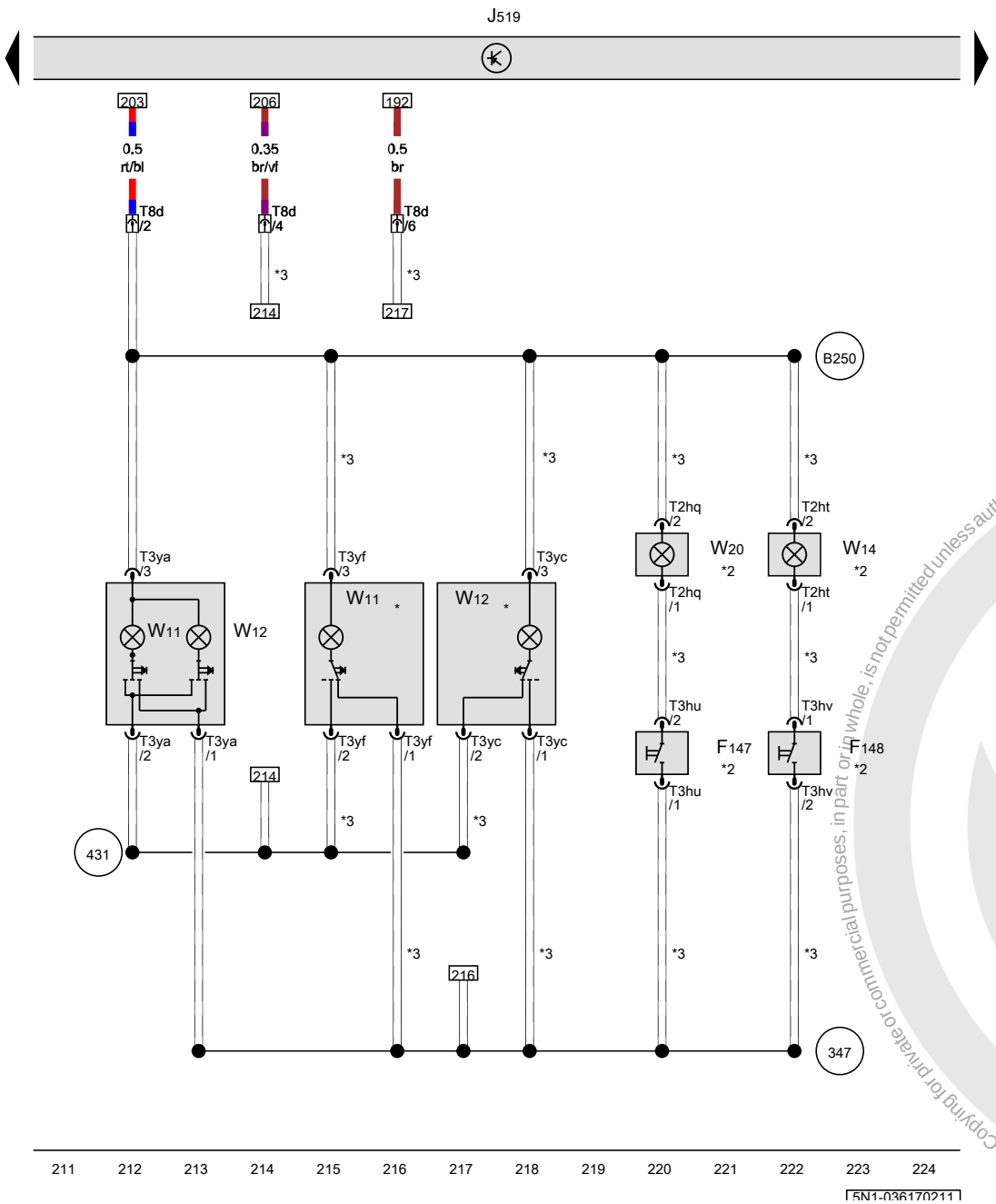


Onboard supply control unit, Front interior light, Luggage compartment light, Glove compartment light, Automatic anti-dazzle interior mirror

E26	Glove compartment light switch
F256	Rear lid lock unit
J519	Onboard supply control unit
L156	Switch illumination bulb
T2fk	2-pin connector
T2fl	2-pin connector
T2w	2-pin connector
T4ab	4-pin connector
T6a	6-pin connector
T6b	6-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
W1	Front interior light
W3	Luggage compartment light
W6	Glove compartment light
W13	Front passenger reading light
W19	Driver side reading light
Y7	Automatic anti-dazzle interior mirror
195	Earth connection, in rear door switch wiring harness
B154	Connection 1 (DCt), in interior wiring harness
B559	Positive connection 1 (30g) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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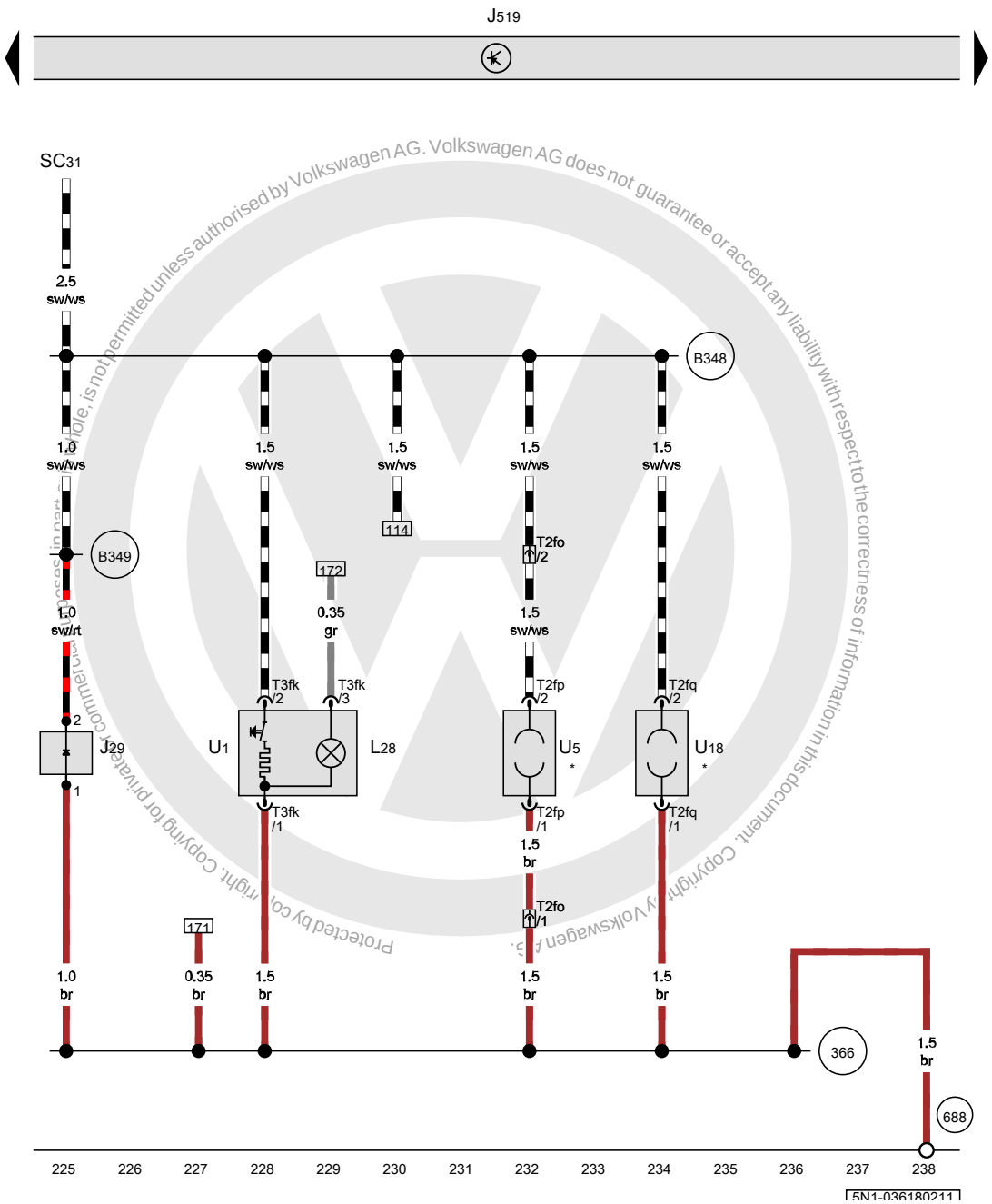


Onboard supply control unit, Rear left reading light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
J519	Onboard supply control unit
T2hq	2-pin connector
T2ht	2-pin connector
T3hu	3-pin connector
T3hv	3-pin connector
T3ya	3-pin connector
T3yc	3-pin connector
T3yf	3-pin connector
T8d	8-pin connector
W11	Rear left reading light
W12	Rear right reading light
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
347	Earth connection, in roof wiring harness
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
*	Only models with sliding/tilting sunroof
*2	According to equipment
*3	Flat conductor

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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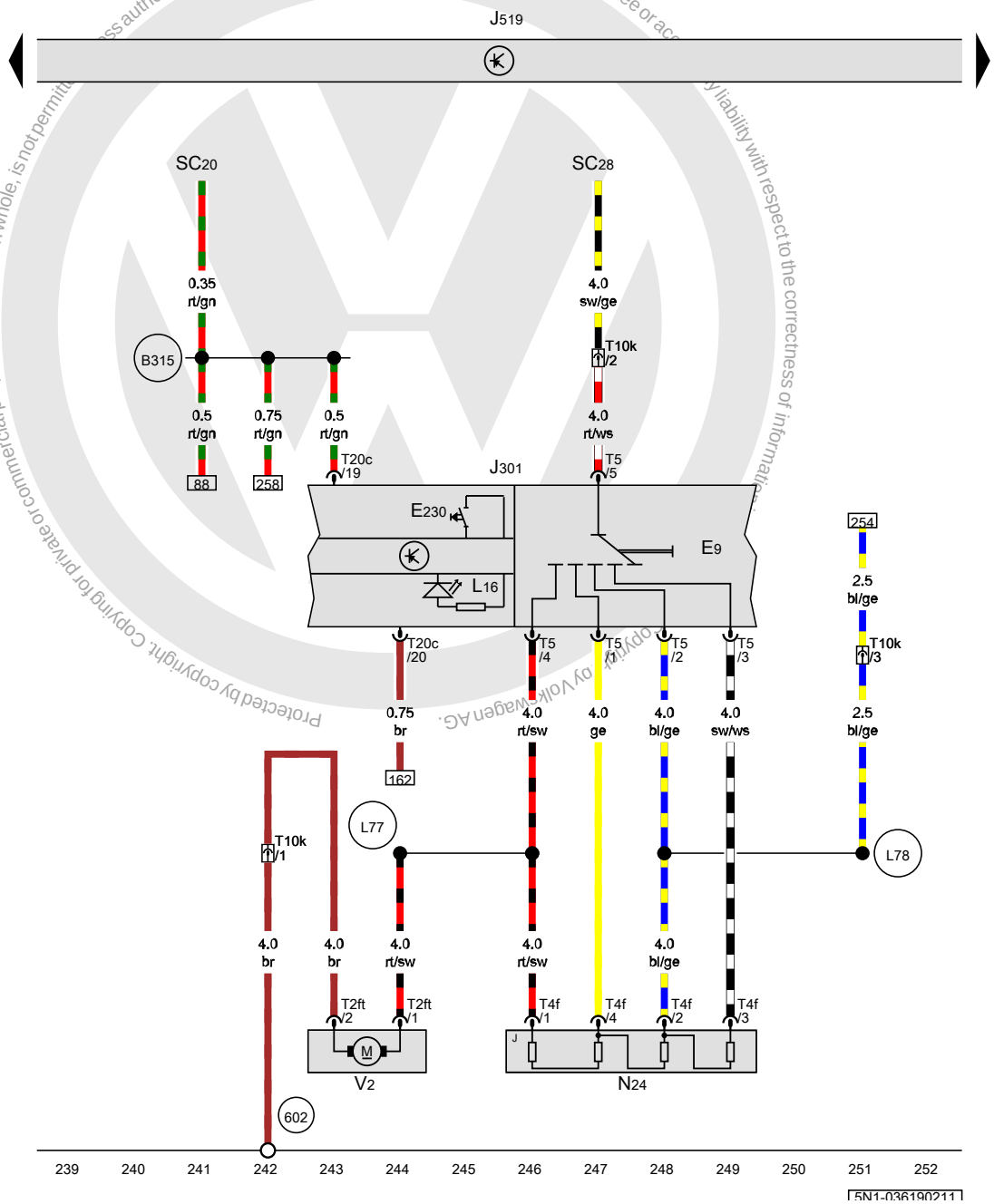
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Onboard supply control unit, Cigarette lighter, 12 V socket, 12 V socket 2

J29	Blocking diode
J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
SC31	Fuse 31 on fuse holder C
T2fo	2-pin connector
T2fp	2-pin connector
T2fq	2-pin connector
T3fk	3-pin connector
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B348	Connection 1 (75a), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
*	According to equipment
*2	Flat conductor

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

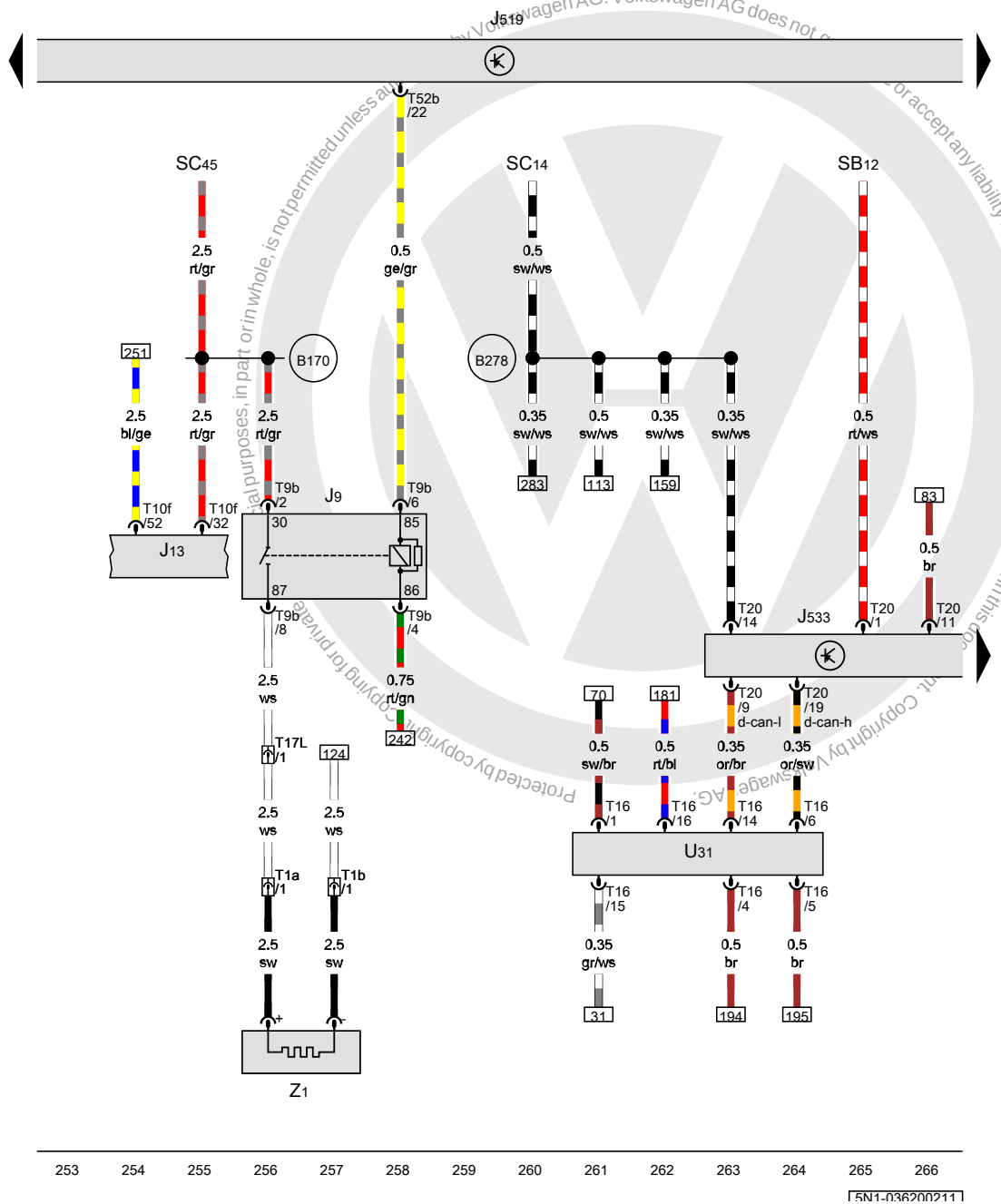
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Fresh air blower switch, Heated rear window button, Air conditioning system control unit, Onboard supply control unit, Fresh air regulator illumination bulb

E9	Fresh air blower switch
E230	Heated rear window button
J301	Air conditioning system control unit
J519	Onboard supply control unit
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
SC20	Fuse 20 on fuse holder C
SC28	Fuse 28 on fuse holder C
T2ft	2-pin connector
T4f	4-pin connector
T5	5-pin connector
T10k	10-pin connector
T20c	20-pin connector
V2	Fresh air blower
602	Earth point, in front left footwell
B315	Positive connection 1 (30a) in main wiring harness
L77	Connection, in fresh air blower wiring harness
L78	Connection 1, in fresh air blower wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



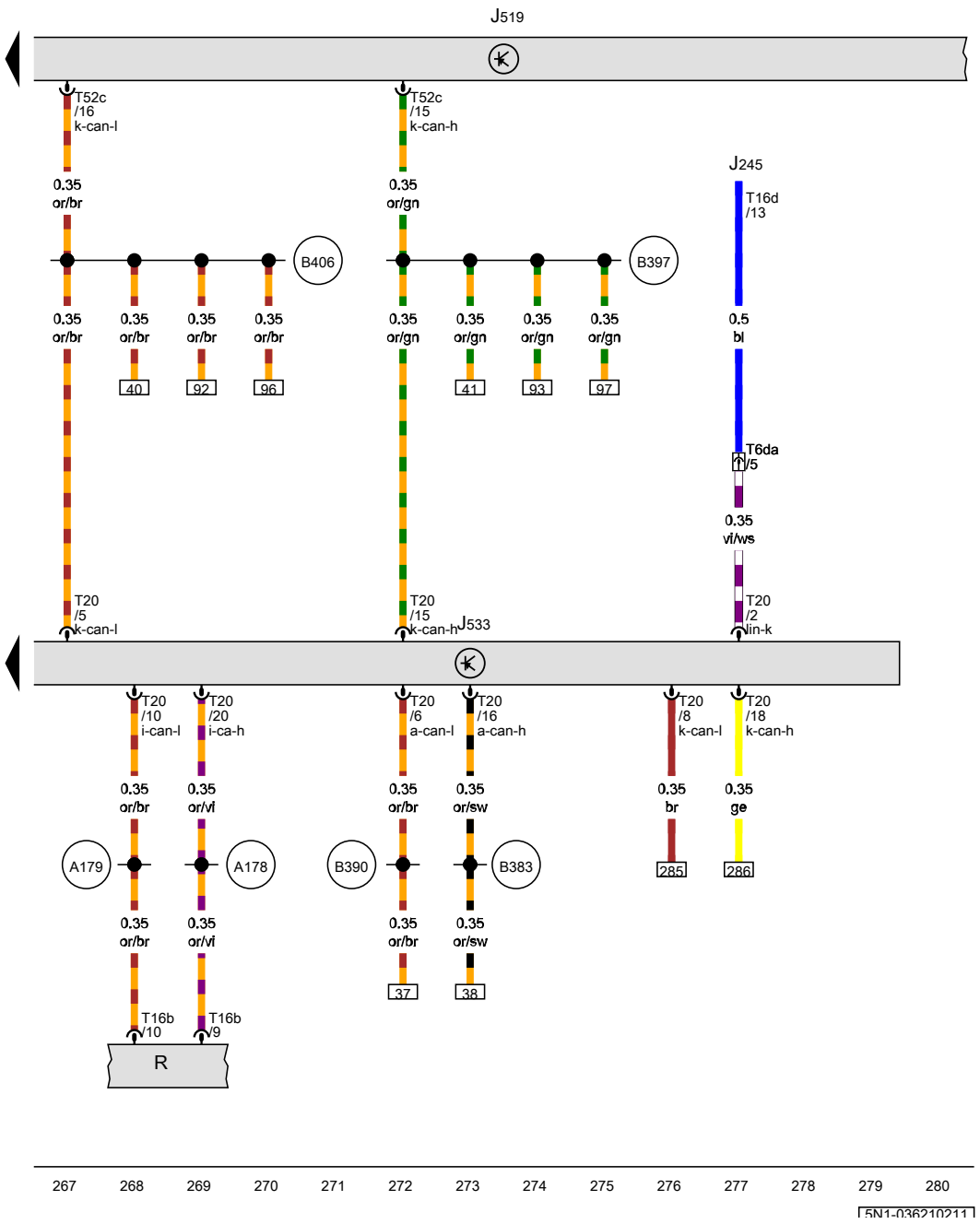
Heated rear window relay, Onboard supply control unit, Data bus diagnostic interface, Diagnostic connection, Heated rear window

J9	Heated rear window relay
J13	Fresh air blower relay
J519	Onboard supply control unit
J533	Data bus diagnostic interface
SB12	Fuse 12 on fuse holder B
SC14	Fuse 14 on fuse holder C
SC45	Fuse 45 on fuse holder C
T1a	Single connector
T1b	Single connector
T9b	9-pin connector
T10f	10-pin connector
T16	16-pin connector
T17L	17-pin connector
T20	20-pin connector
T52b	52-pin connector
U31	Diagnostic connection
Z1	Heated rear window
B170	Positive connection 2 (30), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Onboard supply control unit, Data bus diagnostic interface



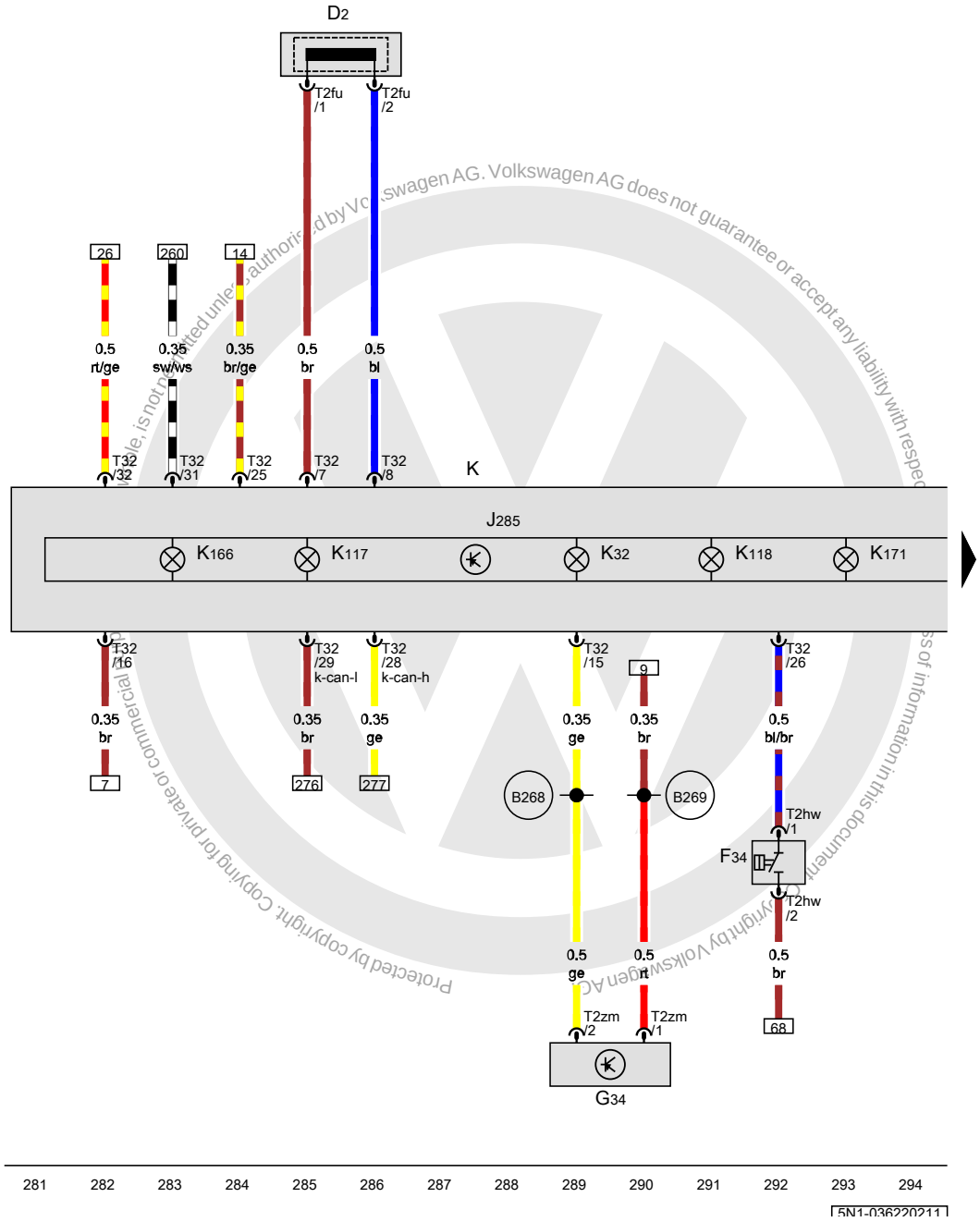
J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
R	Radio
T6da	6-pin connector
T16b	16-pin connector
T16d	16-pin connector
T20	20-pin connector
T52c	52-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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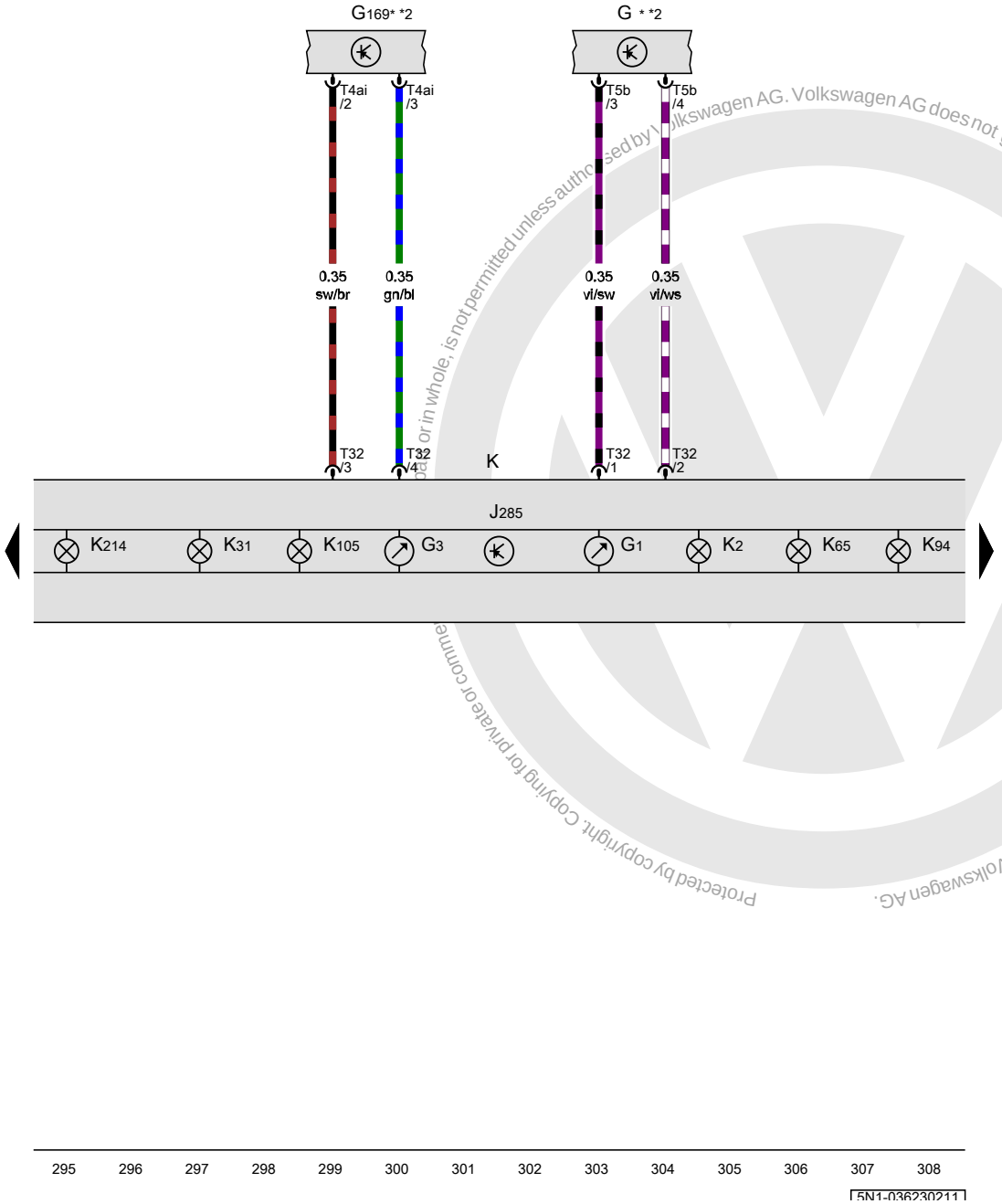
Immobiliser reader coil, Front left brake pad wear sender, Control unit in dash panel insert, Dash panel insert

D2	Immobiliser reader coil
F34	Brake fluid level warning contact
G34	Front left brake pad wear sender
J285	Control unit in dash panel insert
K	Dash panel insert
K32	Brake pad warning lamp
K117	Immobiliser warning lamp
K118	Brake system warning lamp
K166	Door open warning lamp
K171	Bonnet open warning lamp
T2fu	2-pin connector
T2hw	2-pin connector
T2zm	2-pin connector
T32	32-pin connector
B268	Connection 1 (brake pad wear indicator), in interior wiring harness
B269	Connection 2 (brake pad wear indicator), in interior wiring harness



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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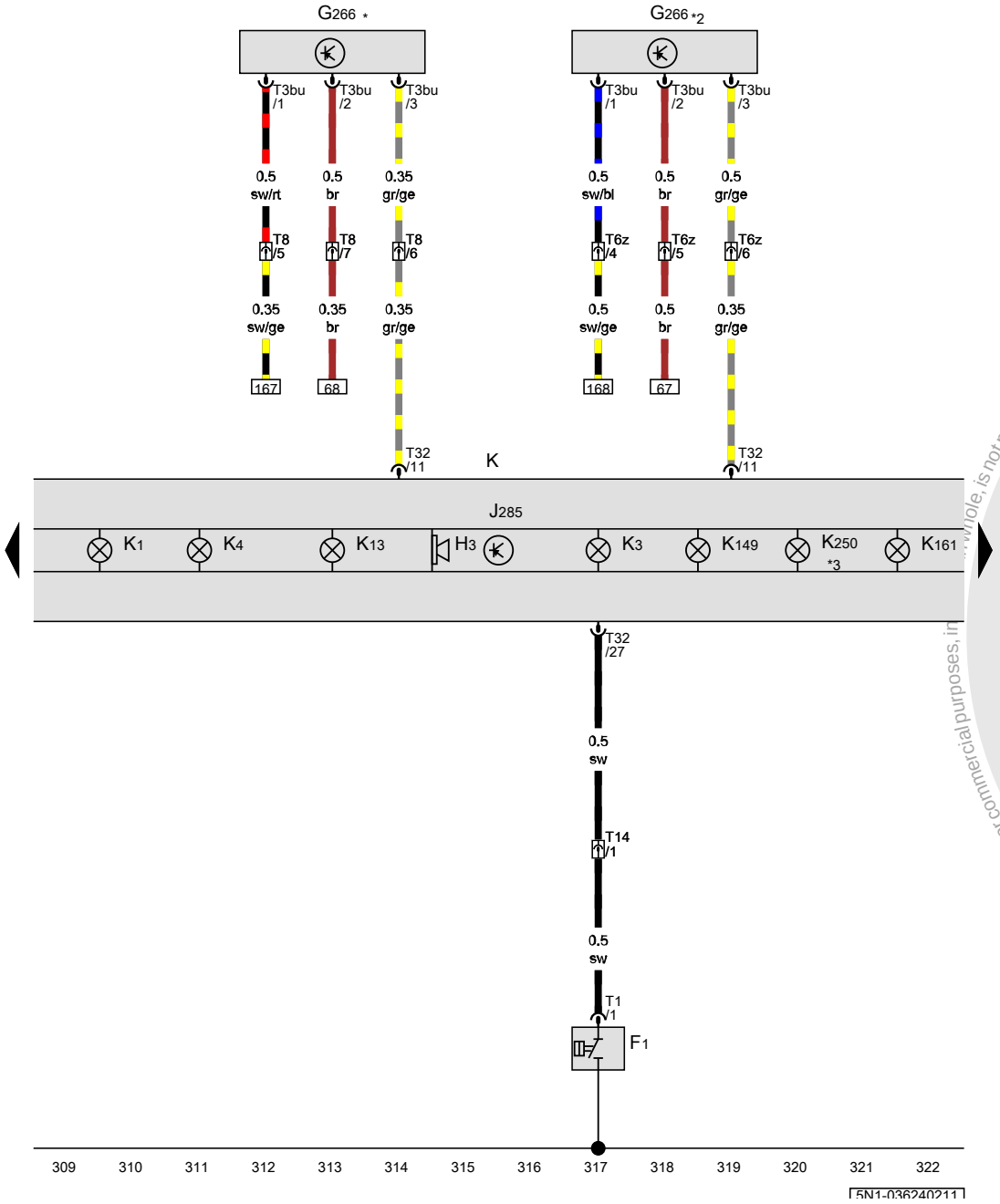


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Fuel gauge sender, Control unit in dash panel insert, Dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
K105	Reserve fuel warning lamp
K214	Electric parking brake and handbrake fault warning lamp
T4ai	4-pin connector
T5b	5-pin connector
T32	32-pin connector
*	According to equipment
*2	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Oil pressure switch, Control unit in dash panel insert, Dash panel insert

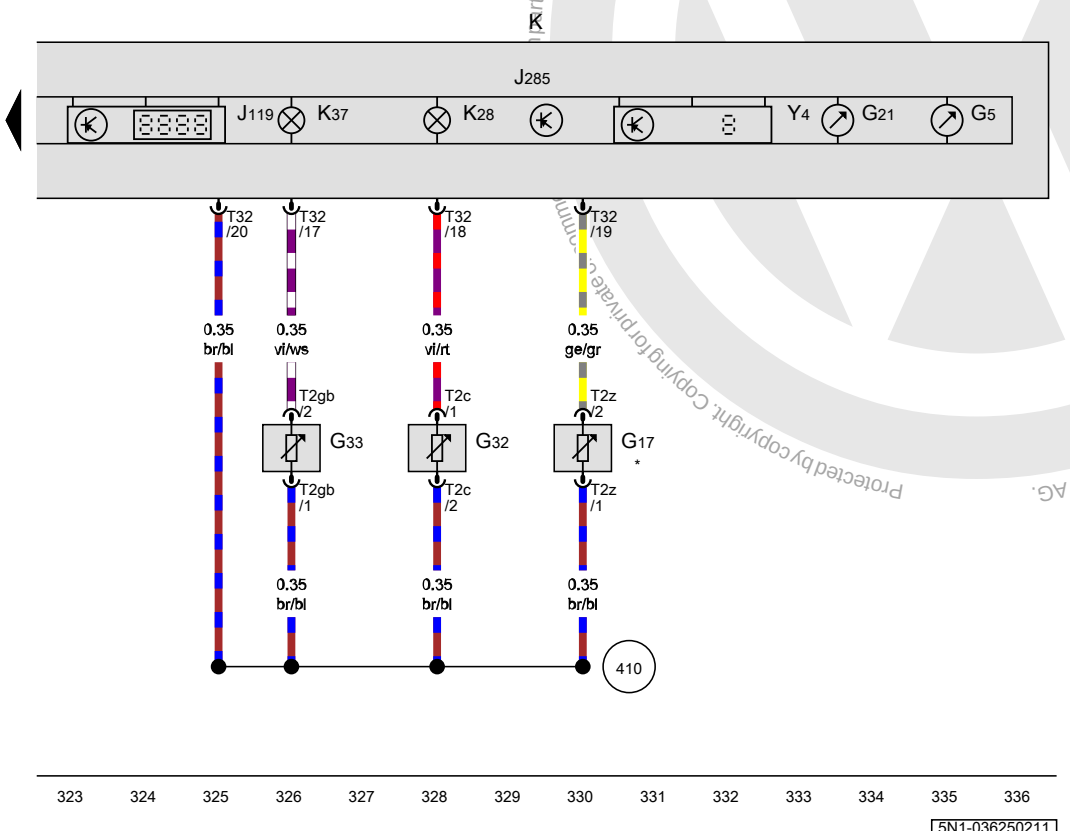
F1	Oil pressure switch
G266	Oil level and oil temperature sender
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K3	Oil pressure warning lamp
K4	Side light warning lamp
K13	Rear fog light warning lamp
K149	Engine electronics warning lamp
K161	Electromechanical power steering warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T3bu	3-pin connector
T6z	6-pin connector
T8	8-pin connector
T14	14-pin connector
T32	32-pin connector
*	Only models with petrol engine
*2	Only models with diesel engines
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Ambient temperature sensor, Coolant shortage indicator sender, Windscreen washer fluid level sender, Control unit in dash panel insert, Dash panel insert

G5	Rev. counter
G17	Ambient temperature sensor
G21	Speedometer
G32	Coolant shortage indicator sender
G33	Windscreen washer fluid level sender
J119	Multifunction indicator
J285	Control unit in dash panel insert
K	Dash panel insert
K28	Coolant temperature and coolant shortage warning lamp
K37	Washer fluid level warning lamp
T2c	2-pin connector
T2gb	2-pin connector
T2z	2-pin connector
T32	32-pin connector
Y4	Trip counter
410	Earth connection 1 (sender earth) in main wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Reversing camera (Rear Assist)

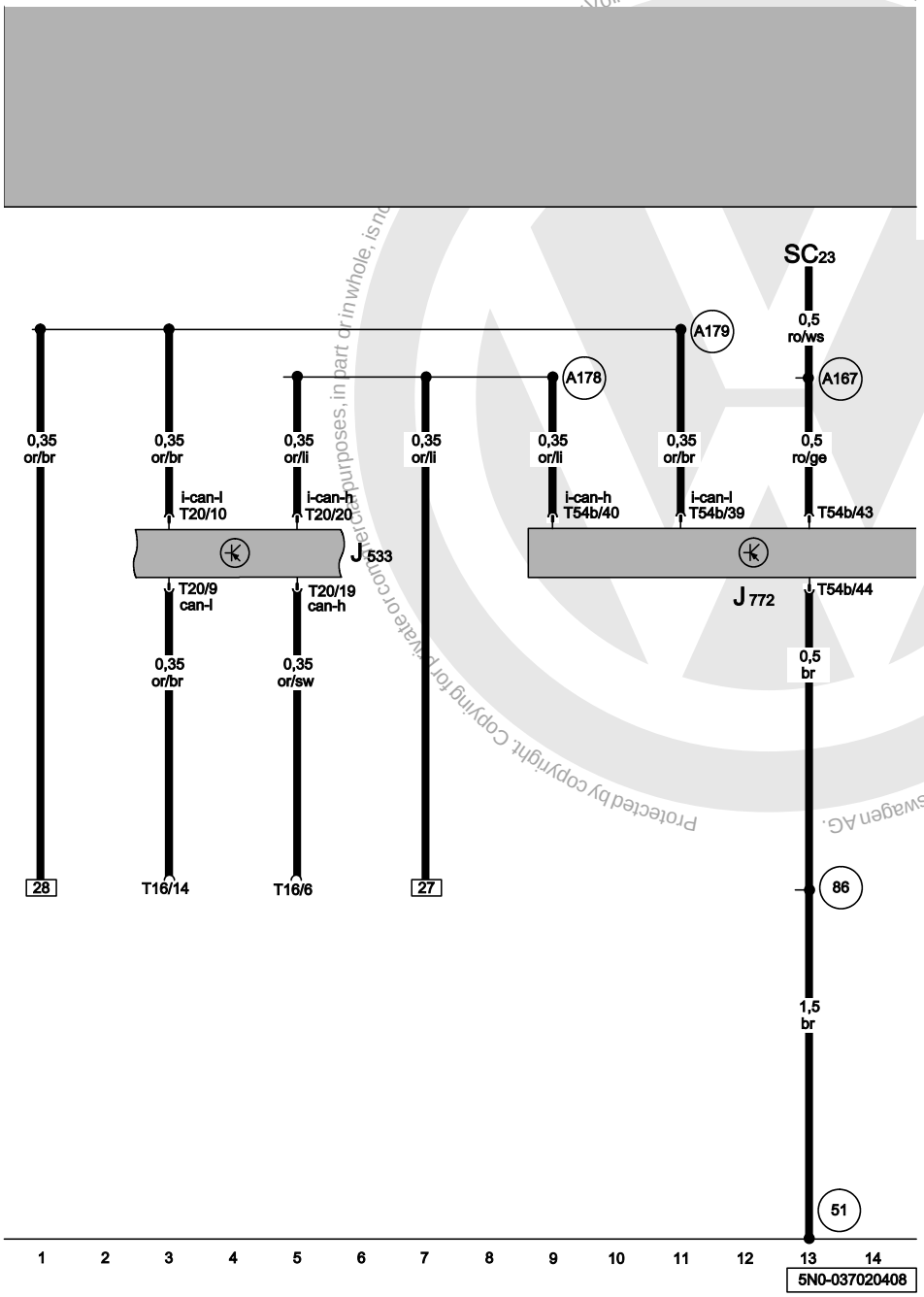
⇒ **TV tuner (Japan)**
from November 2007

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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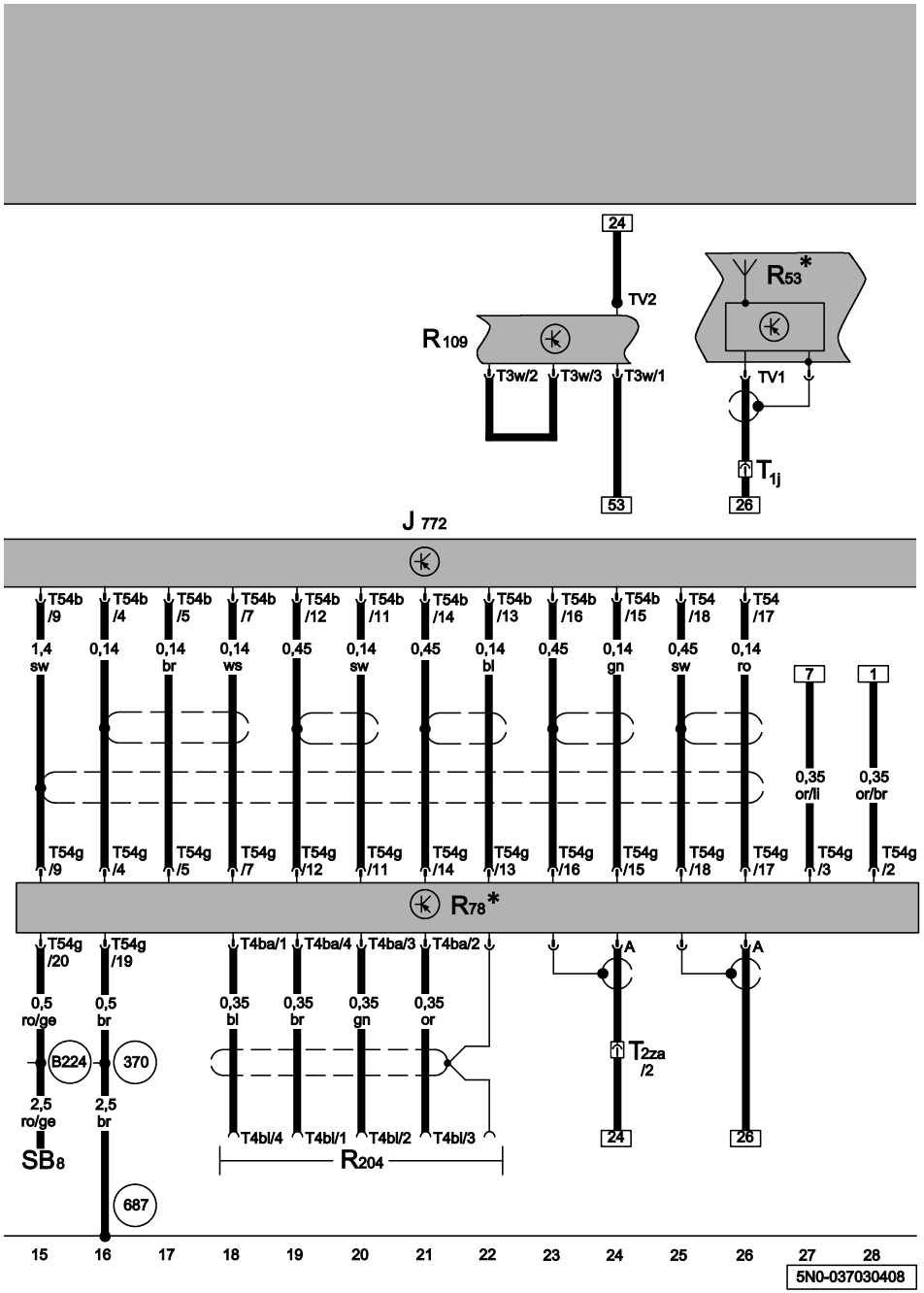


Data bus diagnosis interface, reversing camera system control unit

J533	Data bus diagnosis interface
J772	Reversing camera system control unit
SC23	Fuse 23 on fuse holder C
T16	16-pin connector, on left under dash panel, self-diagnosis connection
T20	20-pin connector, red
T54b	54-pin connector
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
A167	Connection 1 (15a), in main wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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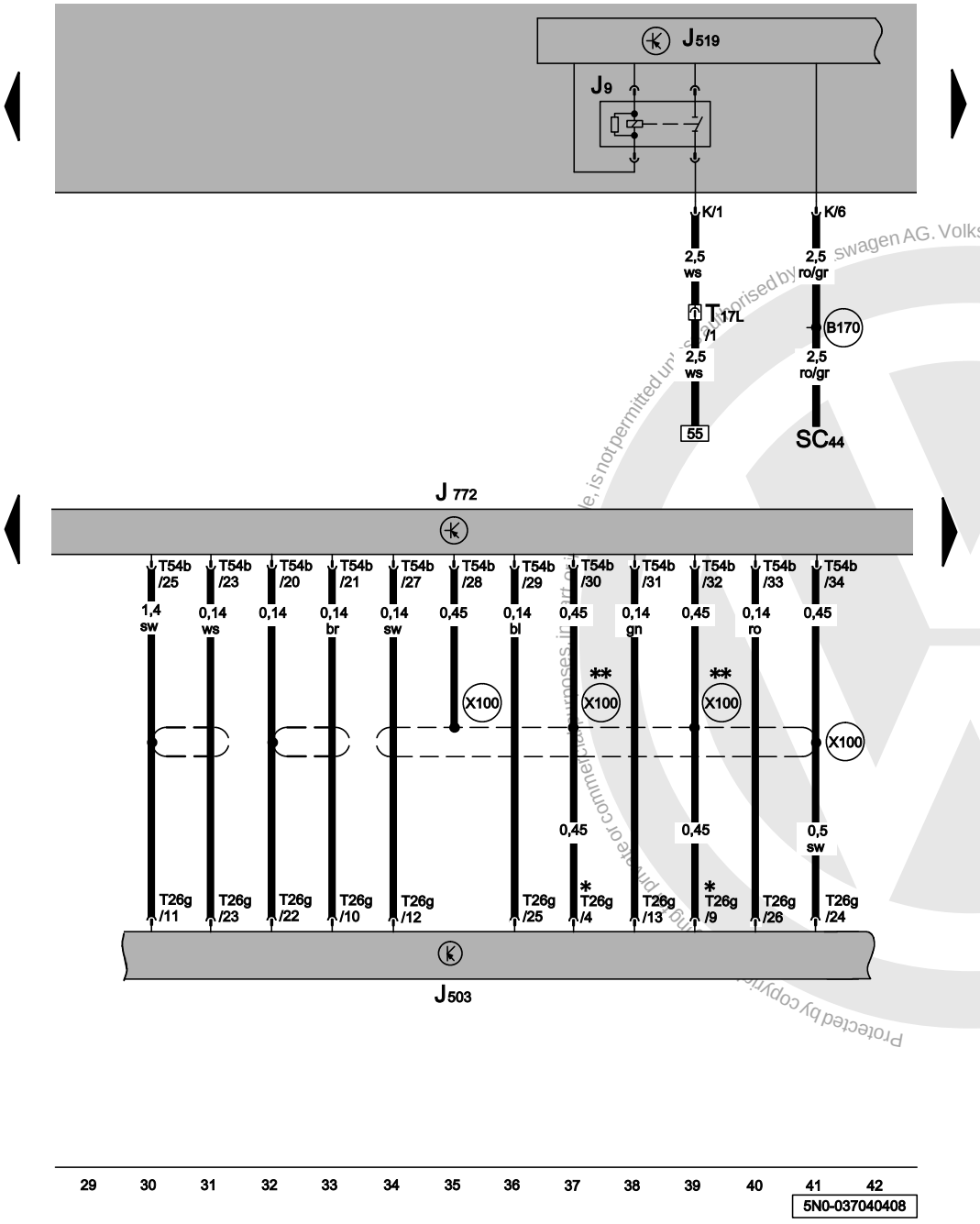


TV card reader connection, aerial module, reversing camera system control unit, TV tuner

J772	Reversing camera system control unit
R53	TV aerial
R78	TV tuner
R109	Right aerial module (impedance converter)
R204	TV card reader
SB8	Fuse 8 on fuse holder B
T1j	Single connector, green
T2za	2-pin connector
T3w	3-pin connector
T4ba	4-pin connector
T4bl	4-pin connector
T54b	54-pin connector
T54g	54-pin connector
370	Earth connection 5, in main wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
*	Only models with TV tuner (Japan)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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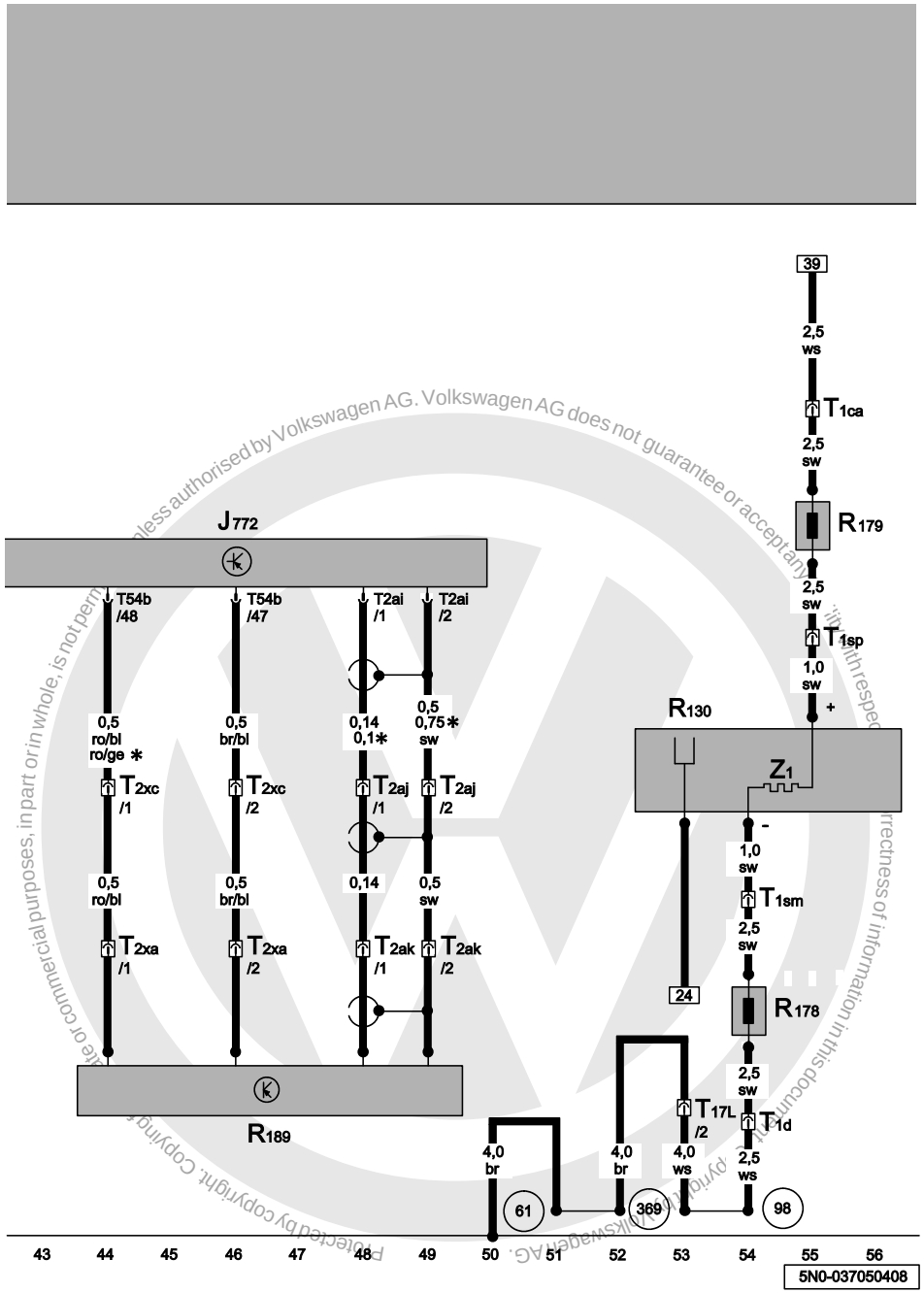


Reversing camera system control unit, control unit with display for radio and navigation system, heated rear window relay

J9	Heated rear window relay
J519	Onboard supply control unit
J503	Control unit with display for radio and navigation
J772	Reversing camera system control unit
SC44	Fuse 44 on fuse holder C
T17L	17-pin connector, black
T26g	26-pin connector, black
T54b	54-pin connector
B170	Positive connection 2 (30), in interior wiring harness
X100	Connection (screening), in optional equipment wiring harness
*	From May 2008
**	Up to May 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Heated rear window, reversing camera, reversing camera system control unit, frequency filter

J772	Reversing camera system control unit
R130	Rear window aerial 1
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
R189	Reversing camera
T1d	Single connector
T1ca	Single connector
T1sm	Single connector
T1sp	Single connector
T2ai	2-pin connector
T2aj	2-pin connector, grey
T2ak	2-pin connector, grey
T2xa	2-pin connector, black
T2xc	2-pin connector, black
T17L	17-pin connector, black
T54b	54-pin connector
Z1	Heated rear window
61	Earth point, on left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
*	From May 2008

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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or	=	orange
rs	=	pink

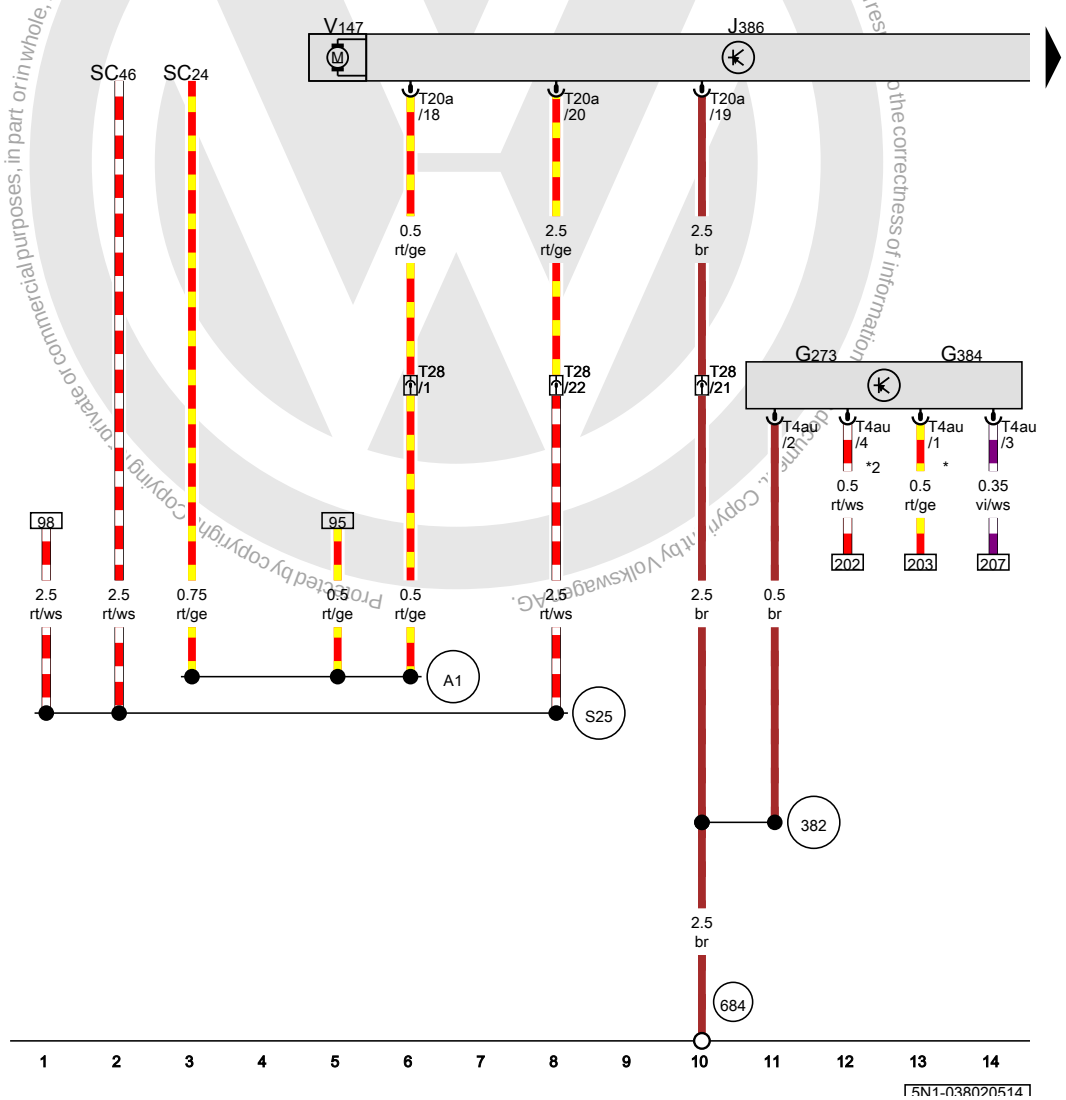
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Convenience system

From May 2009

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Interior monitoring sensor, Driver door control unit

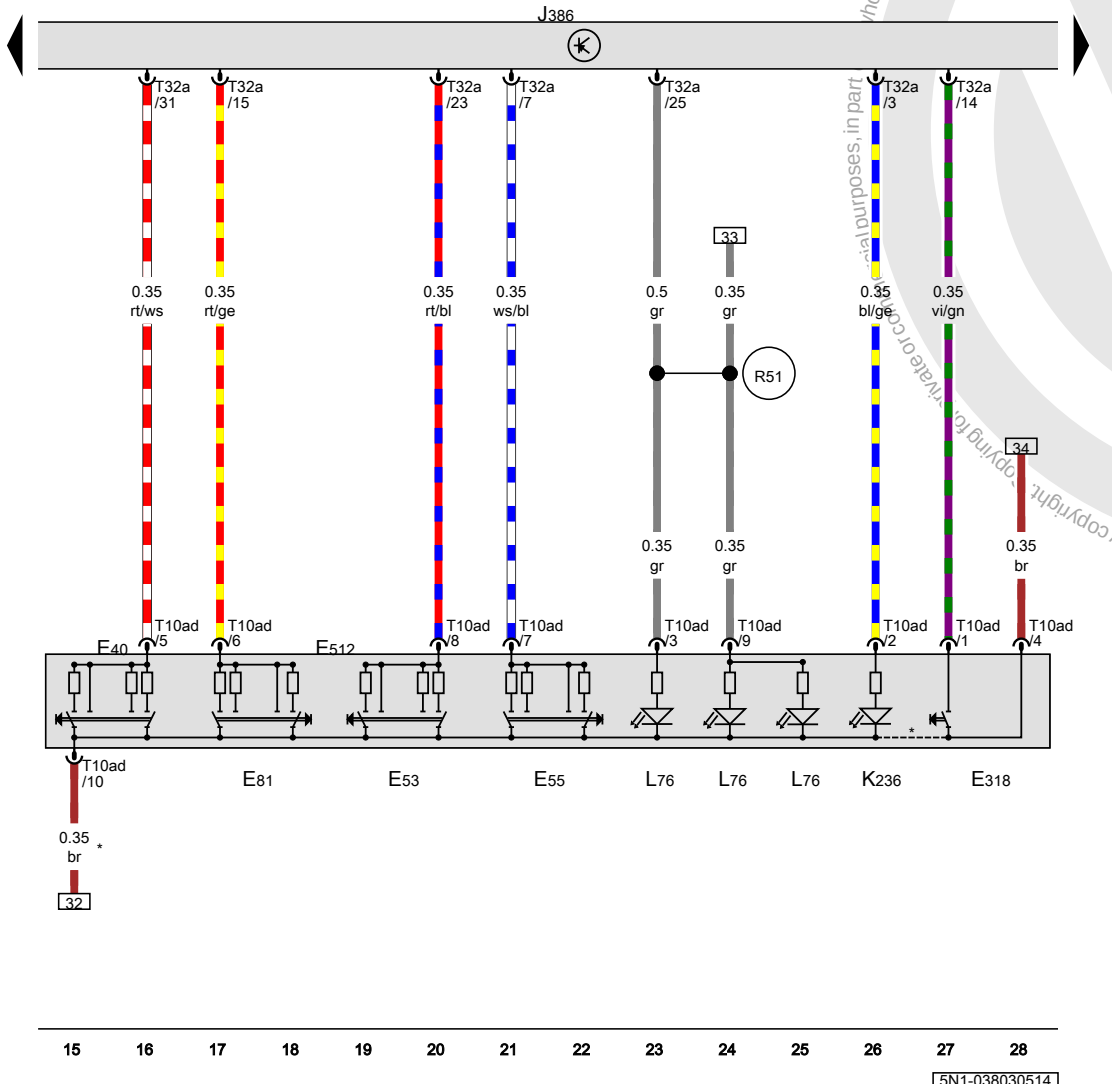
G273	Interior monitoring sensor
G384	Vehicle inclination sender
J386	Driver door control unit
SC24	Fuse 24 on fuse holder C
SC46	Fuse 46 on fuse holder C
T4au	4-pin connector
T20a	20-pin connector
T28	28-pin connector
V147	Driver side window regulator motor
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
A1	Positive connection (30a), in dash panel wiring harness
S25	Positive connection (30a), in central locking wiring harness
*	Up to May 2009
*2	From May 2010

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Operating unit for window regulator in driver door, Driver door control unit

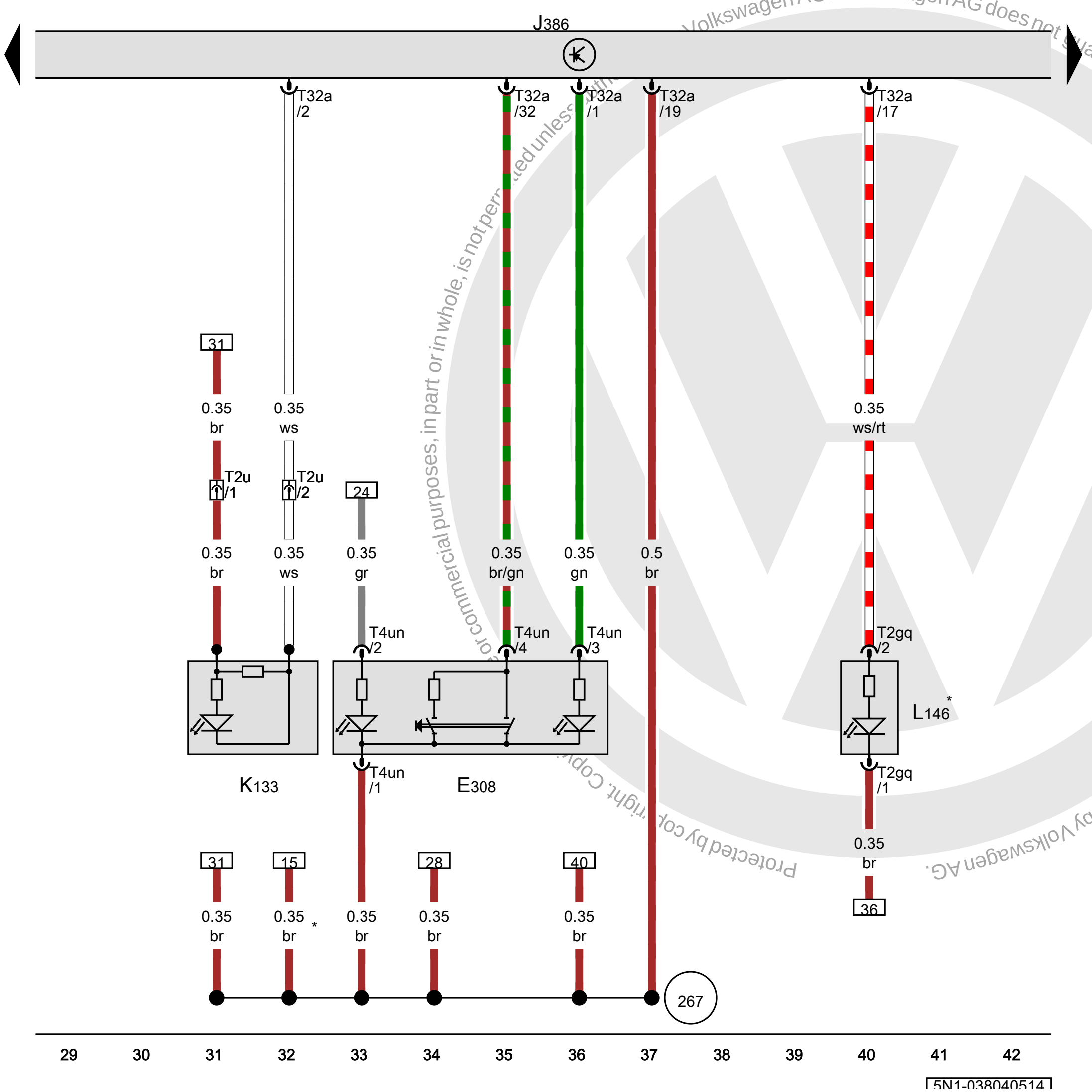
E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E318	Childproof lock button
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
K236	Warning light for activated childproof lock
L76	Button illumination bulb
T10ad	10-pin connector
T32a	32-pin connector
R51	Connection (58b), in driver side door wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Driver side interior locking button for central locking system, Driver door control unit, Central locking SAFELOCK function warning lamp, Driver side door interior handle illumination bulb

E308	Driver side interior locking button for central locking system
J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L146	Driver side door interior handle illumination bulb
T2gq	2-pin connector
T2u	2-pin connector
T4un	4-pin connector
T32a	32-pin connector
267	Earth connection 2, in drive side door wiring harness
*	According to equipment

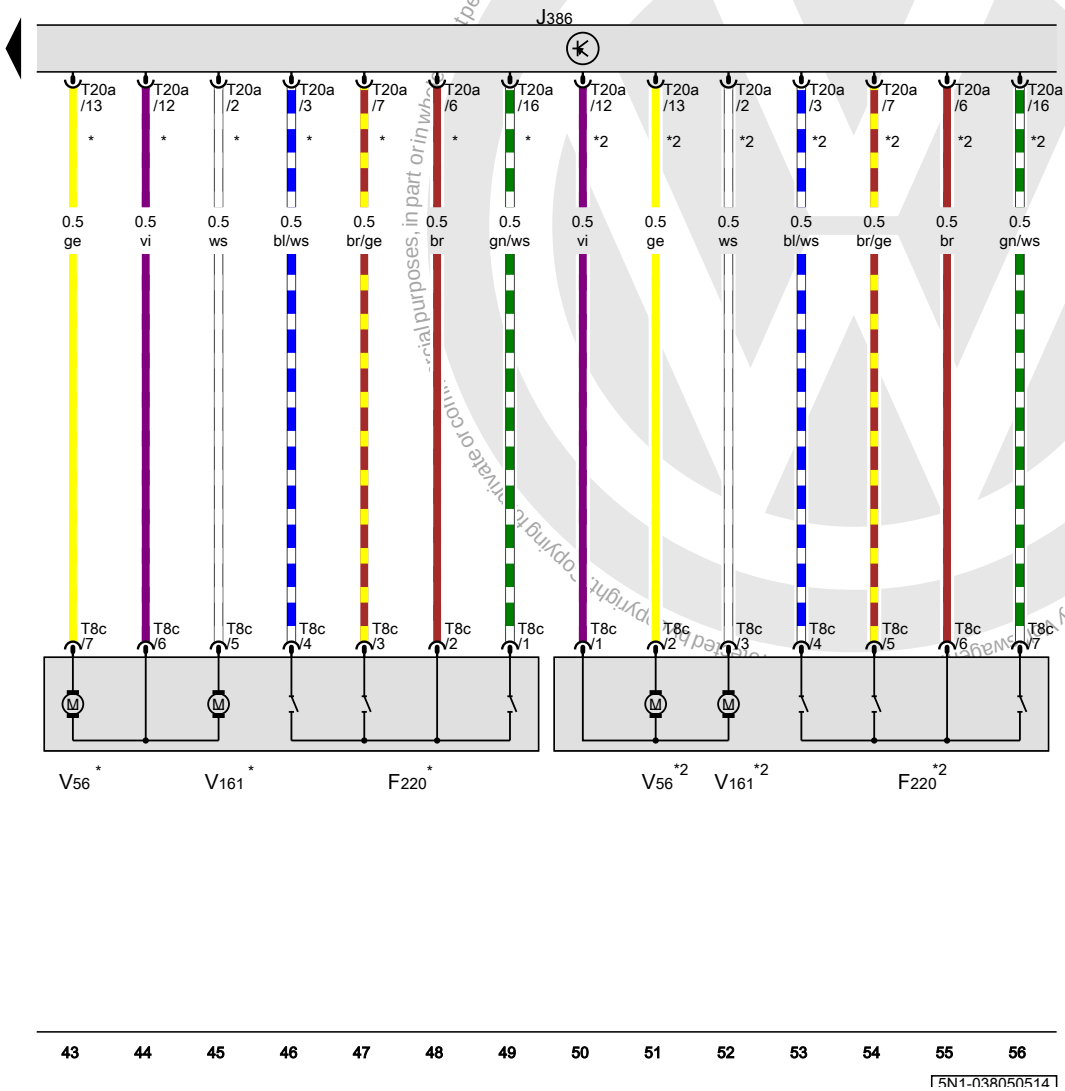


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rt	=	red
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gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Driver side central locking lock unit, Driver door control unit

F220	Driver side central locking lock unit
J386	Driver door control unit
T8c	8-pin connector
T20a	20-pin connector
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
*	Only left-hand drive models
*2	Only right-hand drive models

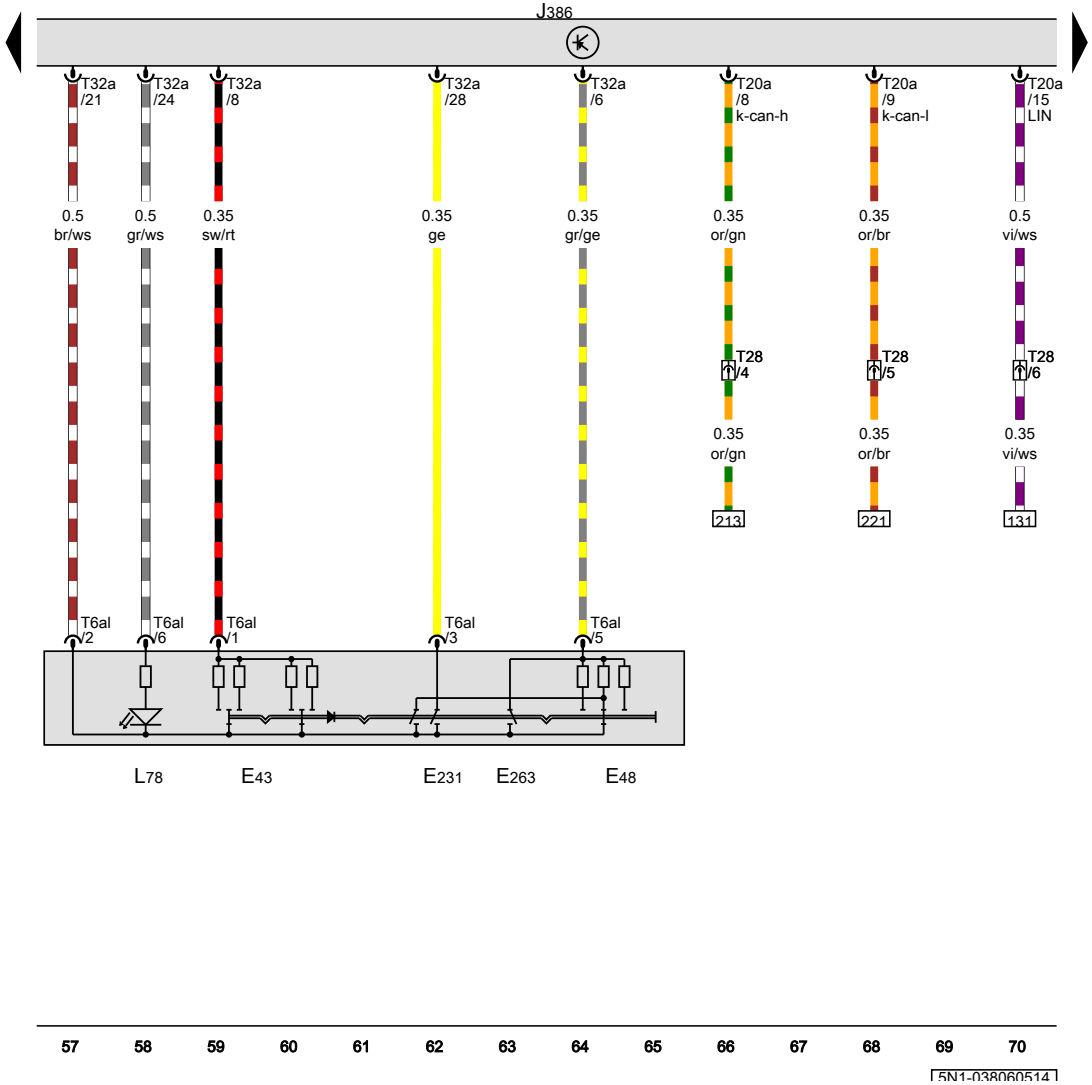


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rt	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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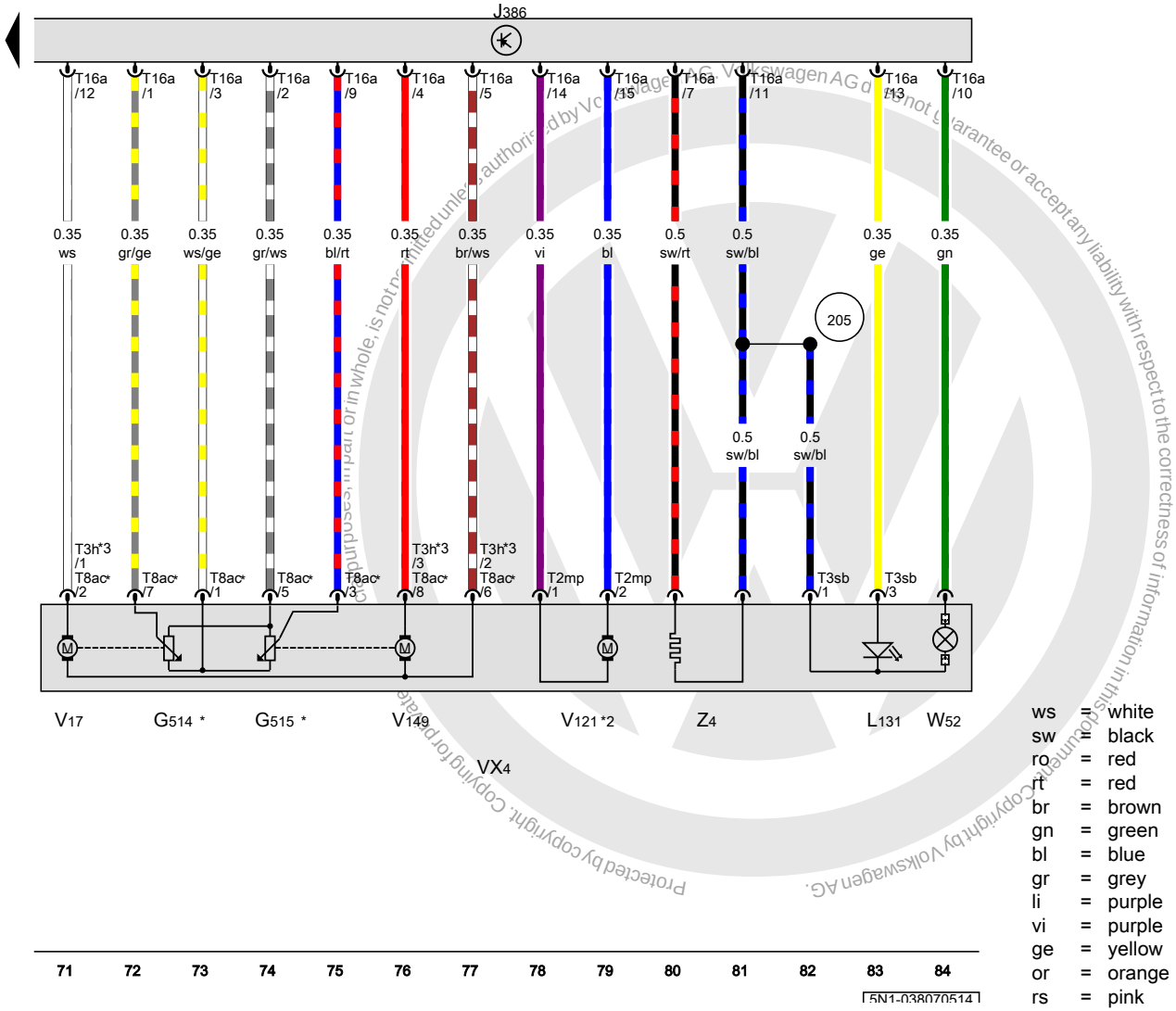
Mirror adjustment switch, Driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E231	Exterior mirror heater button
E263	Fold-in mirror switch
J386	Driver door control unit
L78	Mirror adjustment switch illumination bulb
T6al	6-pin connector
T20a	20-pin connector
T28	28-pin connector
T32a	32-pin connector



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

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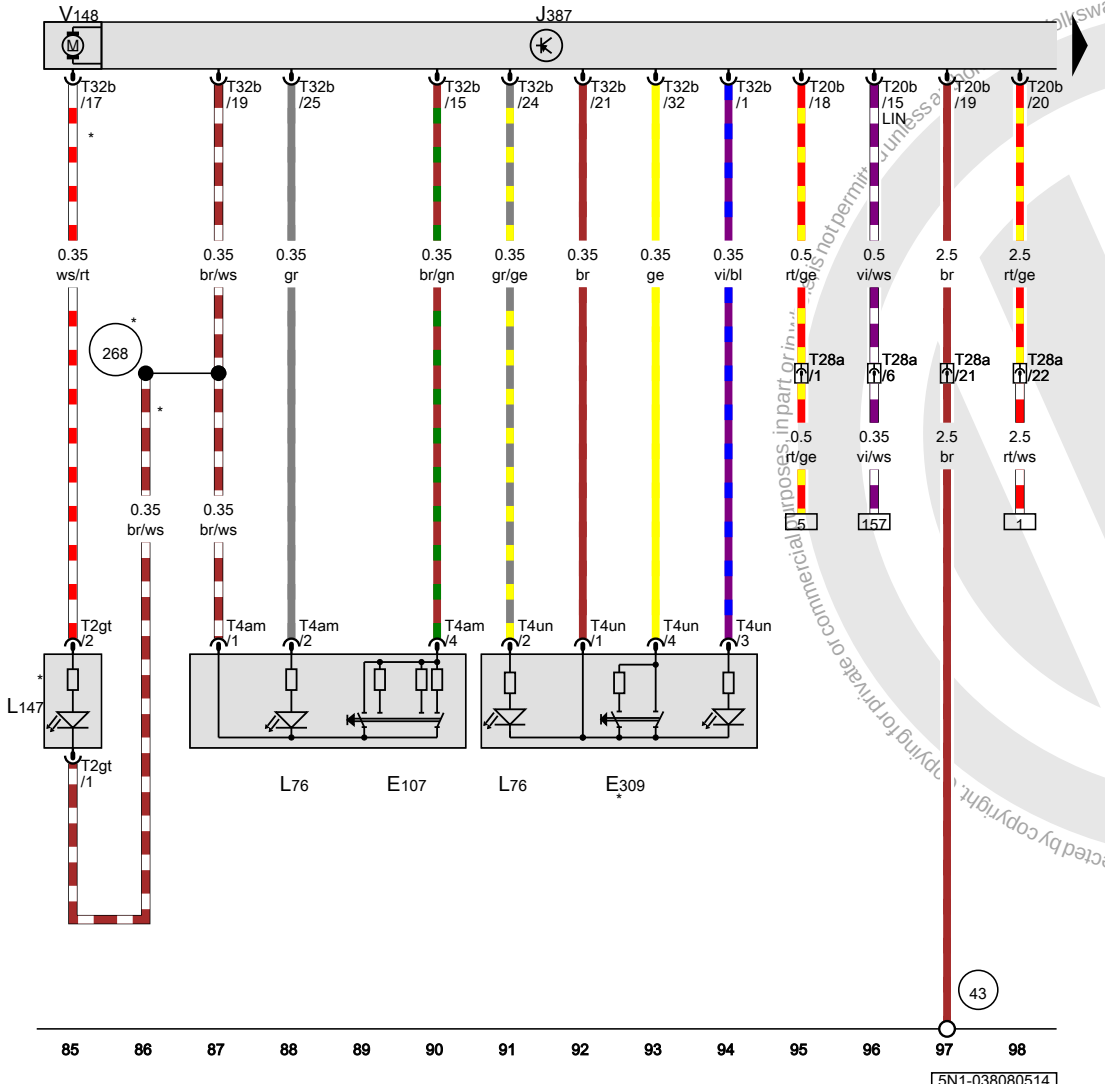
Driver door control unit, Driver side exterior mirror

G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
L131	Driver side turn signal repeater bulb
T2mp	2-pin connector
T3h	3-pin connector
T3sb	3-pin connector
T8ac	8-pin connector
T16a	16-pin connector
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
W52	Driver side entry light in exterior mirror
Z4	Heated exterior mirror on driver side
205	Earth connection, in driver door wiring harness
*	Only models with electric seat adjustment and memory function
*2	Only models with electric folding exterior mirrors
*3	Only models with no memory function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Window regulator switch in front passenger door, Front passenger side interior locking button for central locking system, Front passenger door control unit, Front passenger side door interior handle illumination bulb



E107 Window regulator switch in front passenger door
E309 Front passenger side interior locking button for central locking system
J387 Front passenger door control unit
L76 Button illumination bulb
L147 Front passenger side door interior handle illumination bulb
T2gt 2-pin connector
T4am 4-pin connector
T4un 4-pin connector
T20b 20-pin connector
T28a 28-pin connector
T32b 32-pin connector
V148 Front passenger side window regulator motor

(43) Earth point, lower part of right A-pillar

(268) Earth connection 2, in front passenger side door wiring harness

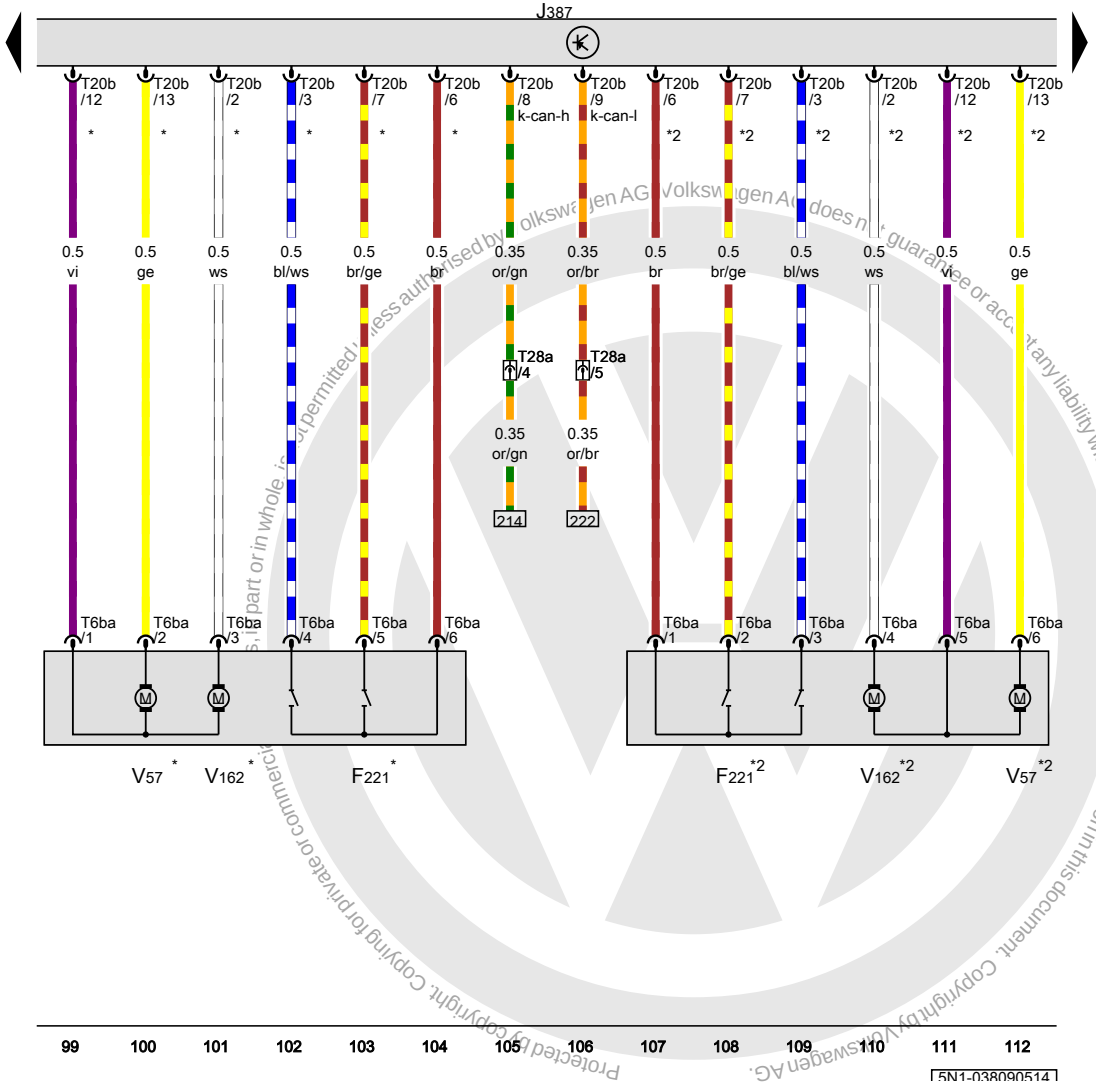
* According to equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Front passenger side central locking lock unit, Front passenger door control unit

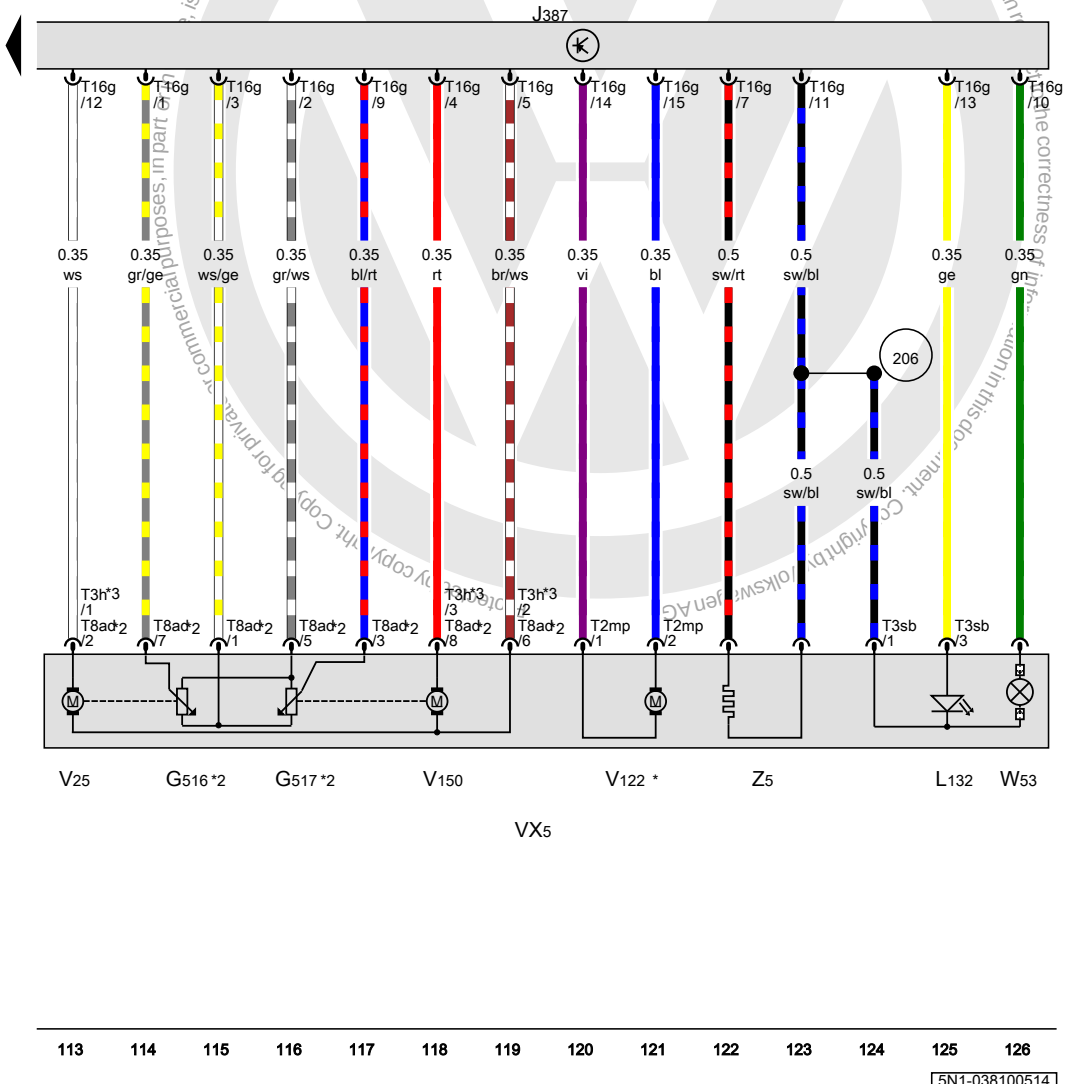
F221	Front passenger side central locking lock unit
J387	Front passenger door control unit
T6ba	6-pin connector
T20b	20-pin connector
T28a	28-pin connector
V57	Front passenger seat central locking motor
V162	Front passenger door central locking SAFELOCK function motor
*	Only left-hand drive models
*2	Only right-hand drive models



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
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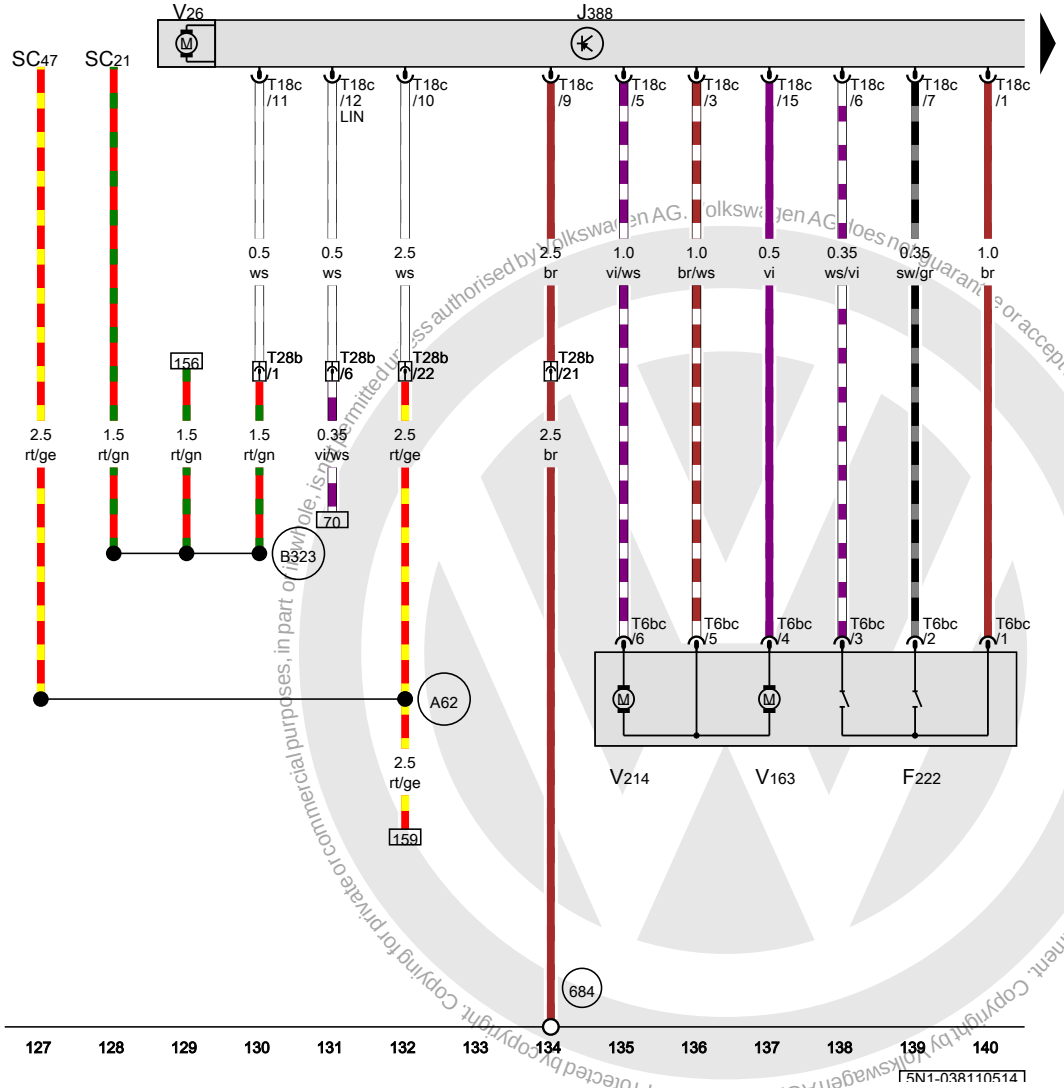
Front passenger door control unit, Front passenger side exterior mirror

G516	Potentiometer for horizontal adjustment of front passenger side mirror
G517	Potentiometer for vertical adjustment of front passenger side mirror
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T2mp	2-pin connector
T3h	3-pin connector
T3sb	3-pin connector
T8ad	8-pin connector
T16g	16-pin connector
VX5	Front passenger side exterior mirror
V25	Front passenger side mirror adjustment motor
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
W53	Front passenger side entry light in exterior mirror
Z5	Heated exterior mirror on front passenger side
206	Earth connection, in front passenger door wiring harness
*	Only models with electric folding exterior mirrors
*2	Only models with electric seat adjustment and memory function
*3	Only models with no memory function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Rear left central locking lock unit, Rear left door control unit

F222	Rear left central locking lock unit
J388	Rear left door control unit
SC21	Fuse 21 on fuse holder C
SC47	Fuse 47 on fuse holder C
T6bc	6-pin connector
T18c	18-pin connector
T28b	28-pin connector
V26	Rear left window regulator motor
V163	Rear left door central locking SAFELOCK function motor
V214	Rear left door central locking motor, lock
684	Earth point on front of left side member
A62	Connection (window regulators), in dash panel wiring harness
B323	Positive connection 9 (30a) in main wiring harness



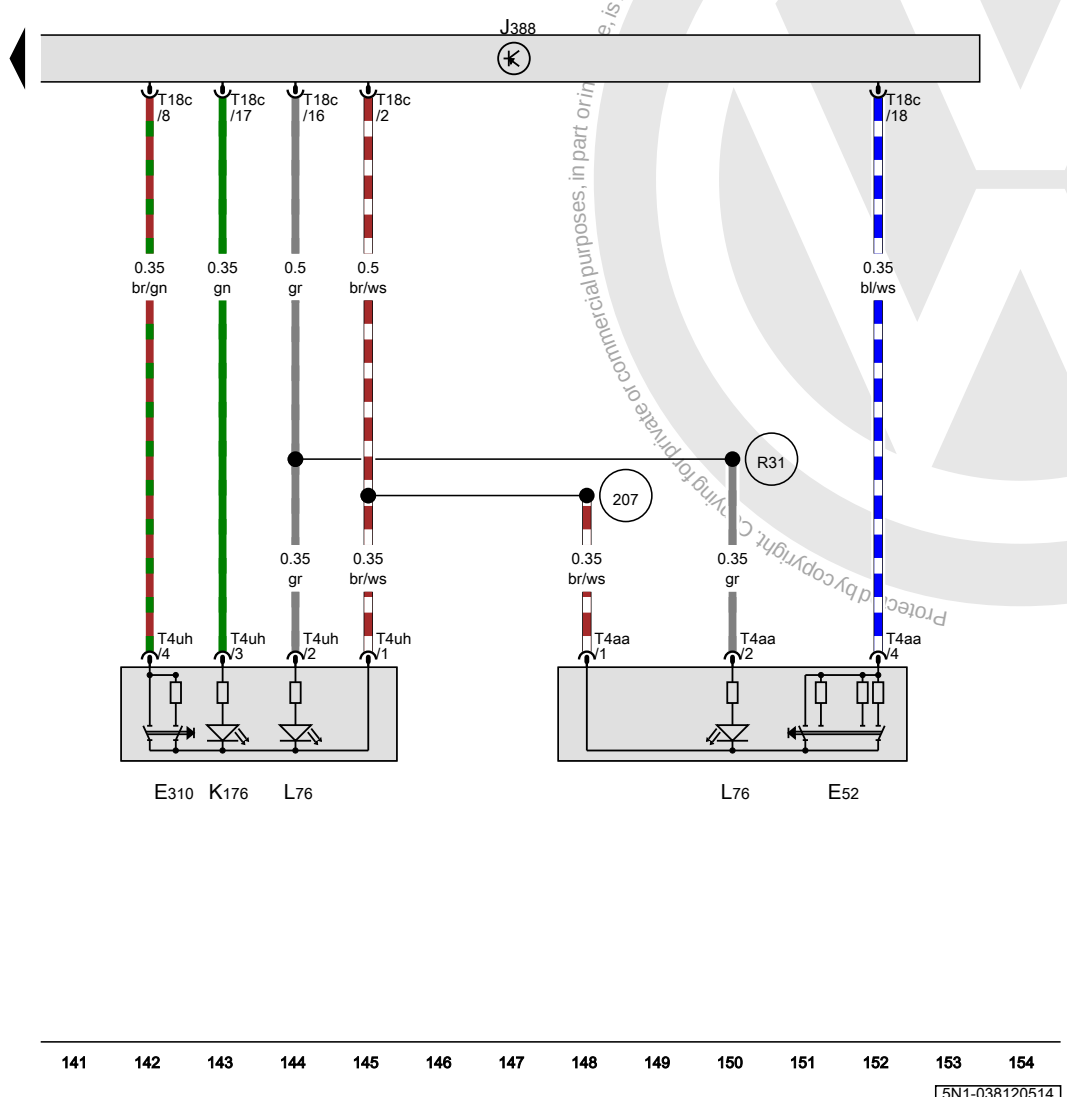
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ge	=	yellow
or	=	orange
rs	=	pink

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Rear left window regulator switch, in door, Rear left interior locking button for central locking system, Rear left door control unit

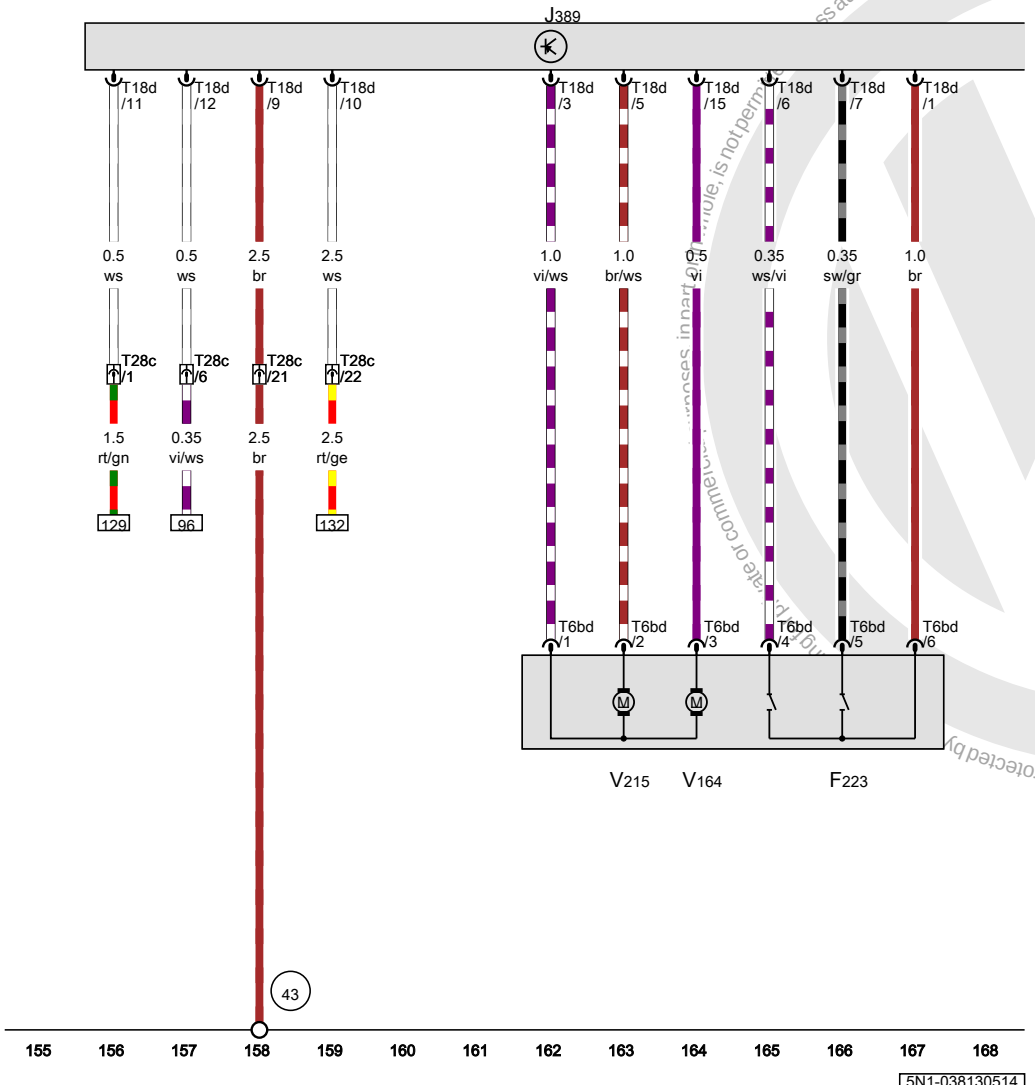
E52	Rear left window regulator switch, in door
E310	Rear left interior locking button for central locking system
J388	Rear left door control unit
K176	Rear left interior locking warning lamp
L76	Button illumination bulb
T4aa	4-pin connector
T4uh	4-pin connector
T18c	18-pin connector
207	Earth connection, in rear left door wiring harness
R31	Connection 1, in rear left door wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Rear right central locking lock unit, Rear right door control unit

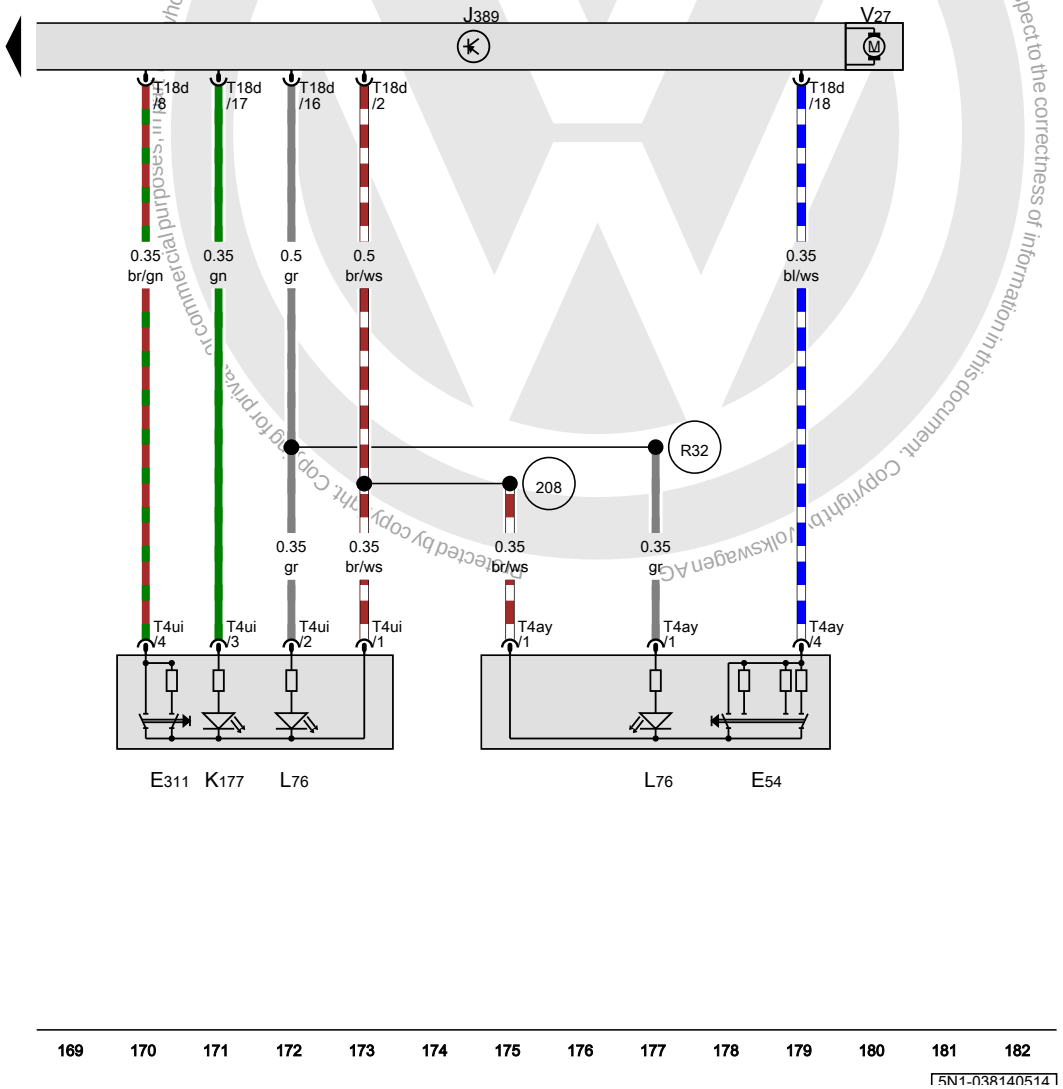
F223	Rear right central locking lock unit
J389	Rear right door control unit
T6bd	6-pin connector
T18d	18-pin connector
T28c	28-pin connector
V164	Rear right door central SAFELOCK function locking motor
V215	Rear right door central locking motor, lock
43	Earth point, lower part of right A-pillar



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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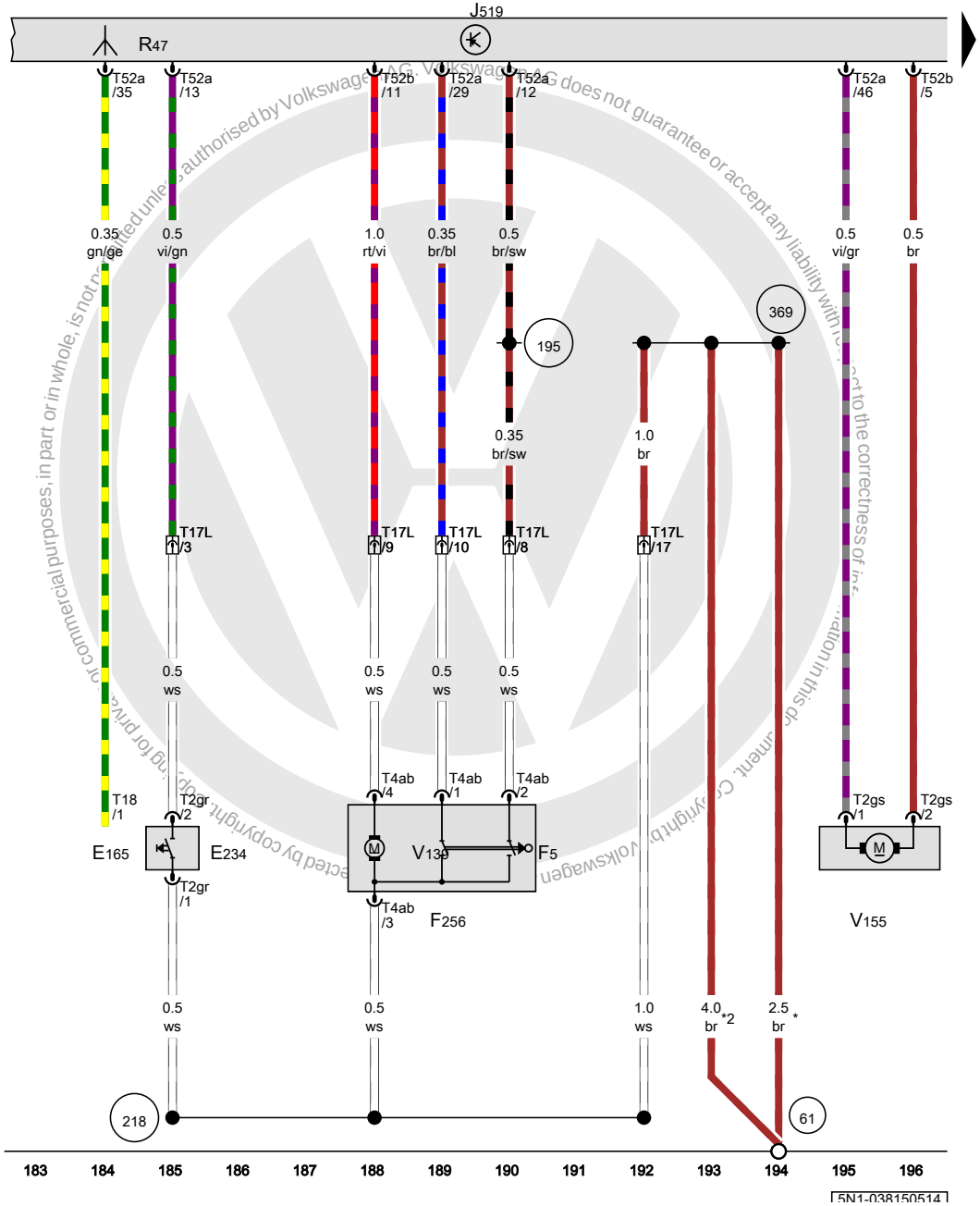
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Rear right window regulator switch, in door, Rear right interior locking button for central locking system, Rear right door control unit

E54	Rear right window regulator switch, in door
E311	Rear right interior locking button for central locking system
J389	Rear right door control unit
K177	Rear right interior locking warning lamp
L76	Button illumination bulb
T4ay	4-pin connector
T4ui	4-pin connector
T18d	18-pin connector
V27	Rear right window regulator motor
208	Earth connection, in rear right door wiring harness
R32	Connection 2, in rear right door wiring harness

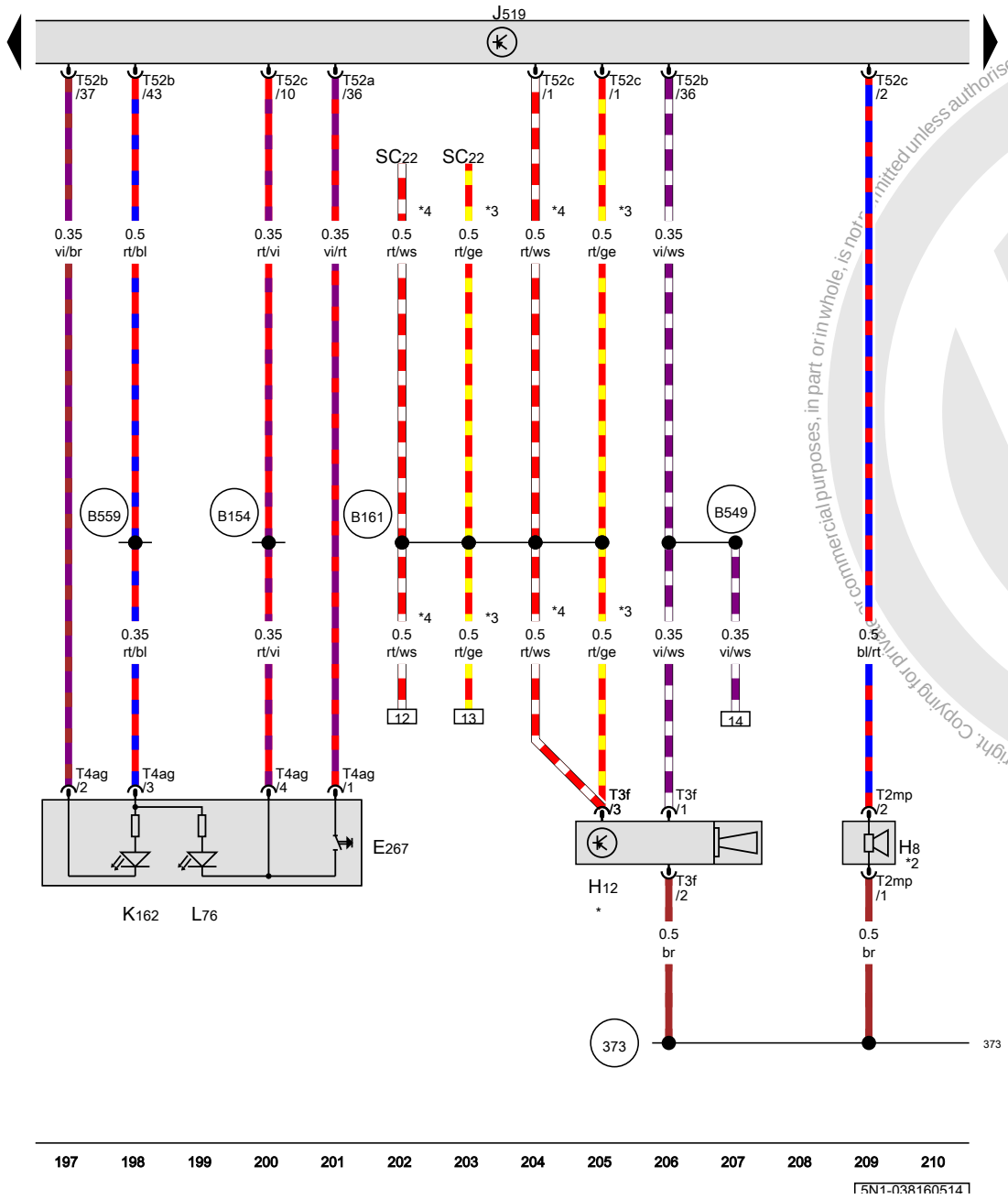
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gn	=	green
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gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Rear lid handle release button, Rear lid lock unit, Onboard supply control unit, Central locking and anti-theft alarm system aerial, Tank filler flap locking motor

E165	Rear lid release switch
E234	Rear lid handle release button
F5	Luggage compartment light switch
F256	Rear lid lock unit
J519	Onboard supply control unit
R47	Central locking and anti-theft alarm system aerial
T2gr	2-pin connector
T2gs	2-pin connector
T4ab	4-pin connector
T17L	17-pin connector
T18	18-pin connector
T52a	52-pin connector
T52b	52-pin connector
V139	Rear lid release motor
V155	Tank filler flap locking motor
61	Earth point, left C-pillar
195	Earth connection, in rear door switch wiring harness
218	Earth connection 1, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
*	From May 2010
*2	Up to May 2009

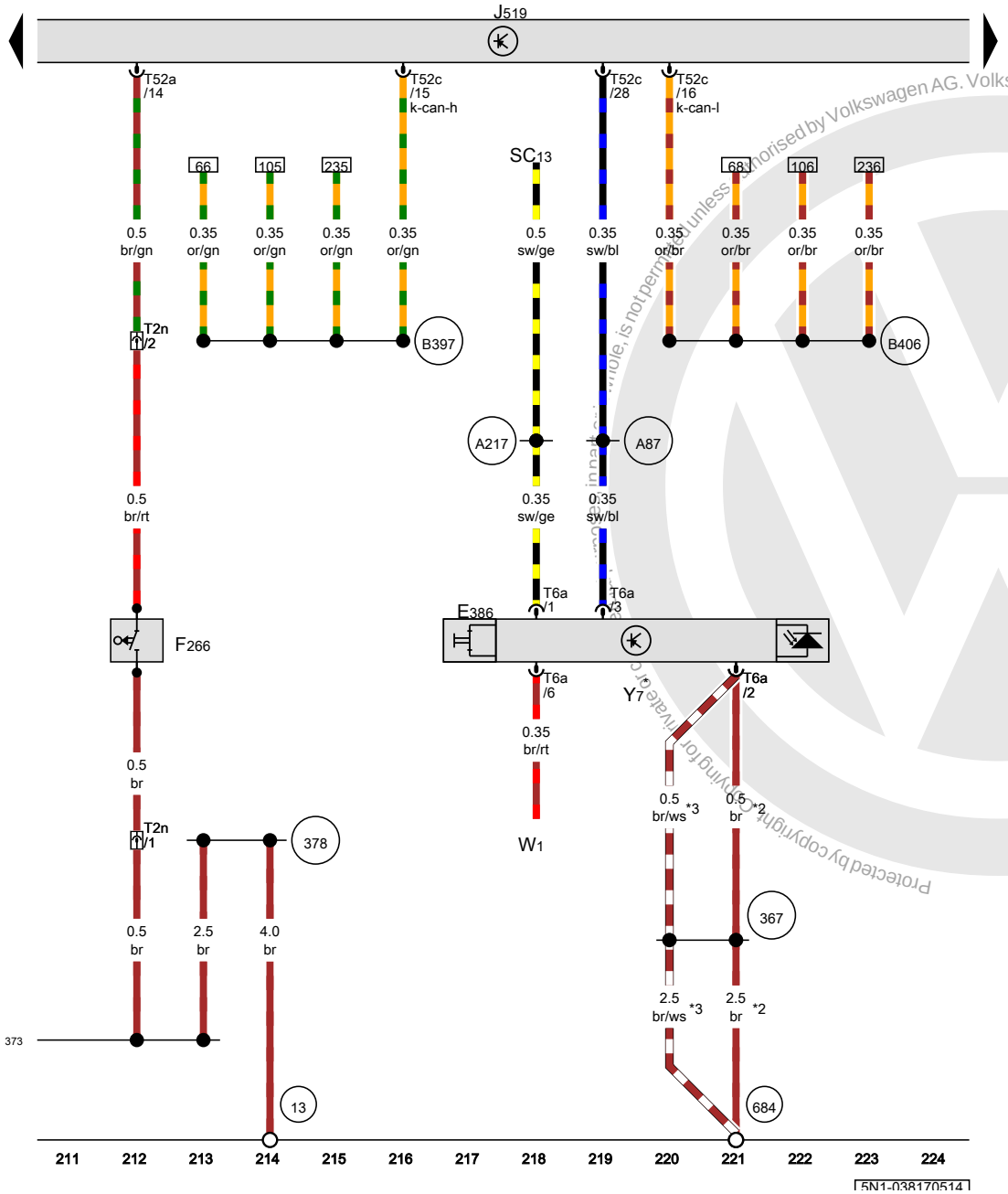


Interior monitoring deactivation switch, Alarm horn, Onboard supply control unit

E267	Interior monitoring deactivation switch
H8	Anti-theft alarm system horn
H12	Alarm horn
J519	Onboard supply control unit
K162	Interior monitoring off warning lamp
L76	Button illumination bulb
SC22	Fuse 22 on fuse holder C
T2mp	2-pin connector
T3f	3-pin connector
T4ag	4-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
373	Earth connection 8, in main wiring harness
B154	Connection 1 (DCt), in interior wiring harness
B161	Connection (ATA), in interior wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
B559	Positive connection 1 (30g) in main wiring harness
*	According to equipment
*2	Country specific
*3	Up to May 2009
*4	From May 2010

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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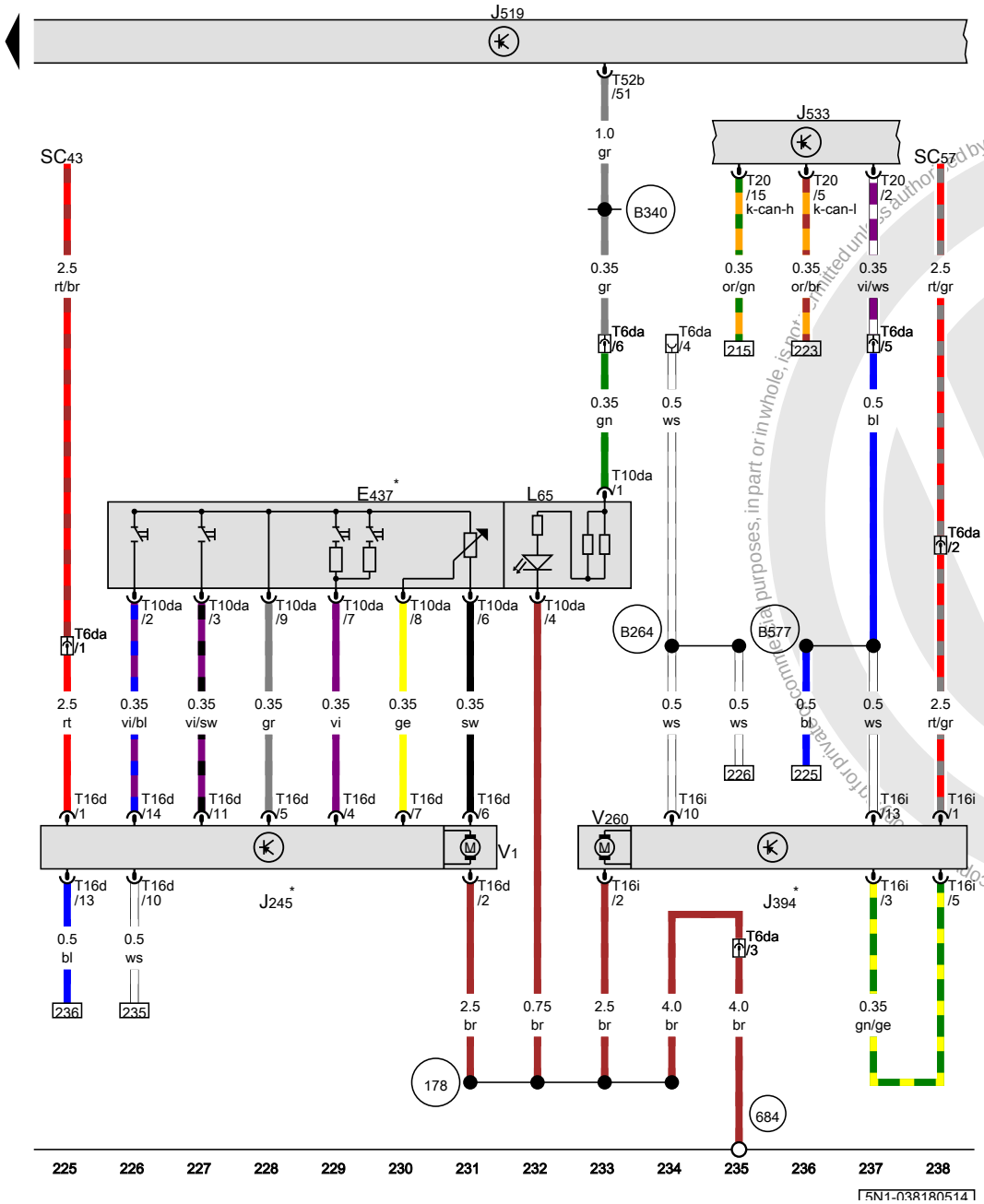


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Bonnet contact switch, Onboard supply control unit, Automatic anti-dazzle interior mirror

E386	Anti-dazzle interior mirror button
F266	Bonnet contact switch
J519	Onboard supply control unit
SC13	Fuse 13 on fuse holder C
T2n	2-pin connector
T6a	6-pin connector
T52a	52-pin connector
T52c	52-pin connector
W1	Front interior light
Y7	Automatic anti-dazzle interior mirror
13	Earth point, on right in engine compartment
367	Earth connection 2, in main wiring harness
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
684	Earth point on front of left side member
A87	Connection (RL), in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	According to equipment
*2	Up to November 2010
*3	From November 2010

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Sun blind and sunroof button, Sliding sunroof adjustment control unit, Sunroof roller blind control unit, Onboard supply control unit

E437	Sun blind and sunroof button
J245	Sliding sunroof adjustment control unit
J394	Sunroof roller blind control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
L65	Sliding sunroof switch illumination bulb
SC43	Fuse 43 on fuse holder C
SC57	Fuse 57 on fuse holder C
T6da	6-pin connector
T10da	10-pin connector
T16d	16-pin connector
T16i	16-pin connector
T20	20-pin connector
T52b	52-pin connector
V1	Sliding sunroof motor
V260	Sunroof roller blind motor
178	Earth connection, in sliding sunroof wiring harness
684	Earth point on front of left side member
B264	Connection 1, in roof wiring harness
B340	Connection 1 (58d), in main wiring harness
B577	LIN bus connection, in roof wiring harness
*	Only models with sliding/tilting sunroof

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

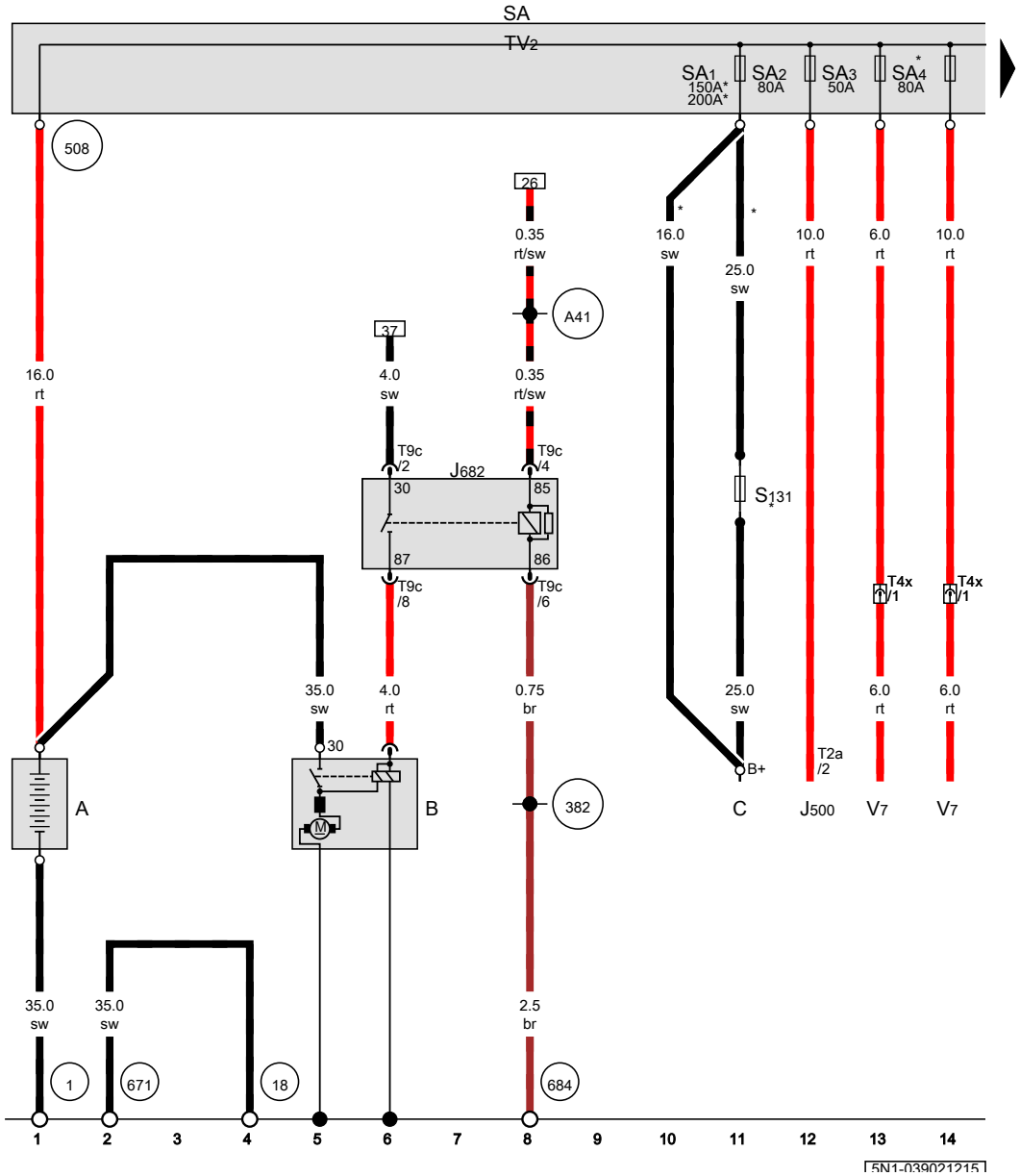
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Fuse assignment , (7L3)

From May 2009

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Battery, Starter, Terminal 50 voltage supply relay, Fuse holder A, Terminal 30 wiring junction



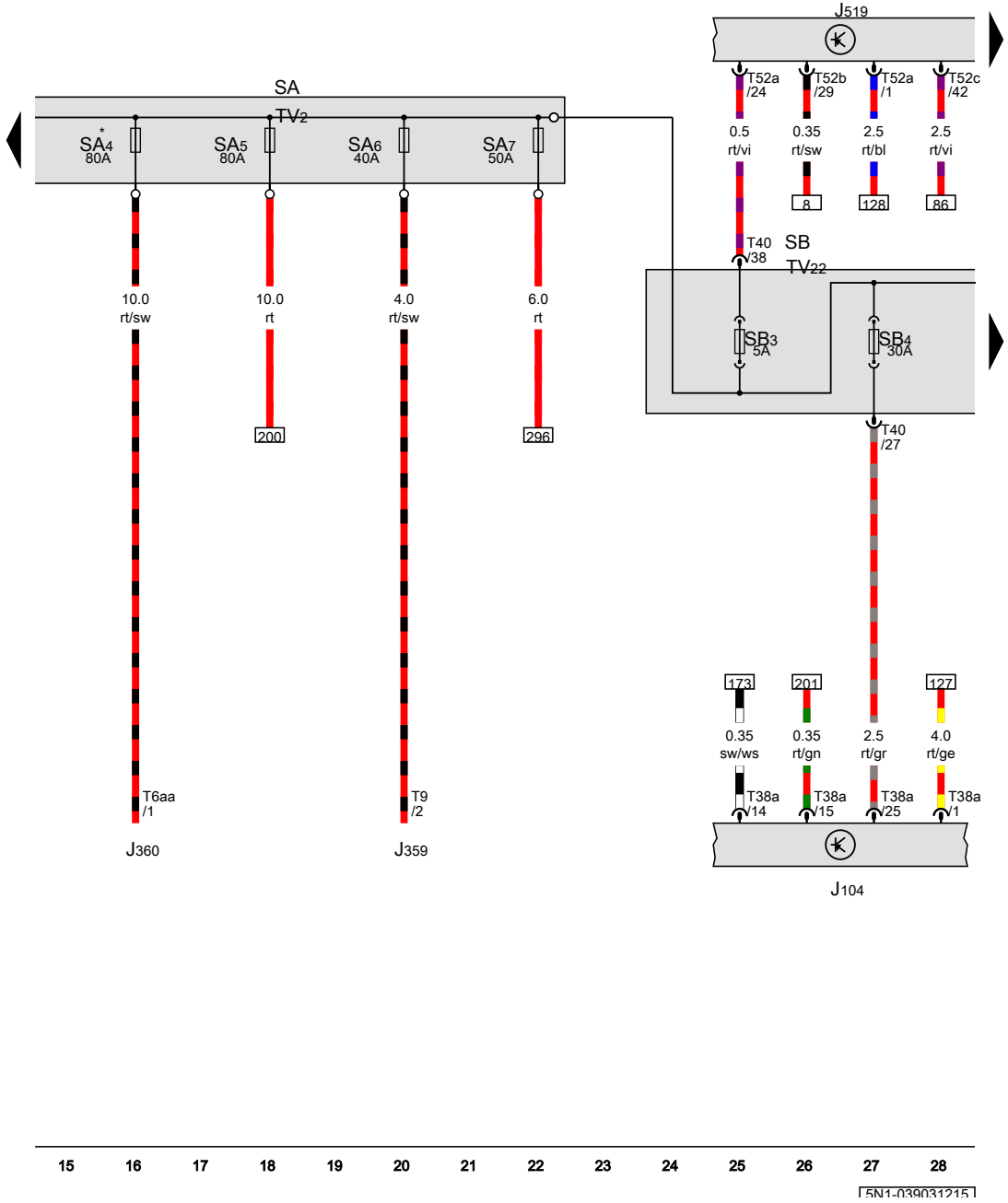
A	Battery
B	Starter
C	Alternator
J500	Power steering control unit
J682	Terminal 50 voltage supply relay
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
SA4	Fuse 4 in fuse holder A
S131	Fuse 1, in alternator wire
T2a	2-pin connector
T4x	4-pin connector
T9c	9-pin connector
TV2	Terminal 30 wiring junction
V7	Radiator fan
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
A41	Positive connection (50), in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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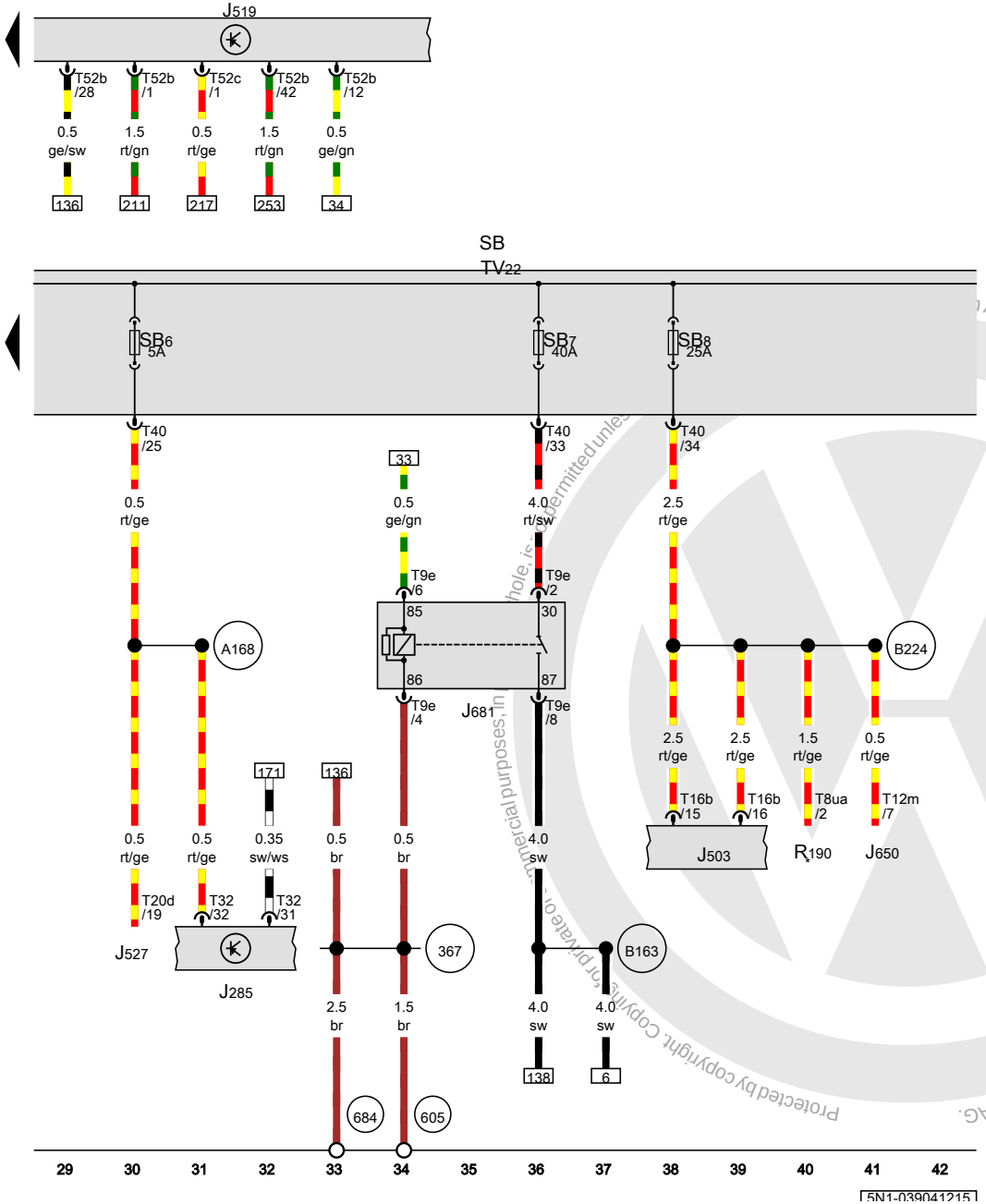
Onboard supply control unit, Fuse holder A, Fuse holder B, Terminal 30 wiring junction, Terminal 30 wiring junction 2

J104	ABS control unit
J359	Low heat output relay
J360	High heat output relay
J519	Onboard supply control unit
SA	Fuse holder A
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SA6	Fuse 6 in fuse holder A
SA7	Fuse 7 in fuse holder A
T6aa	6-pin connector
T9	9-pin connector
T38a	38-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Onboard supply control unit, Terminal 15 voltage supply relay 2, Fuse holder B, Terminal 30 wiring junction 2

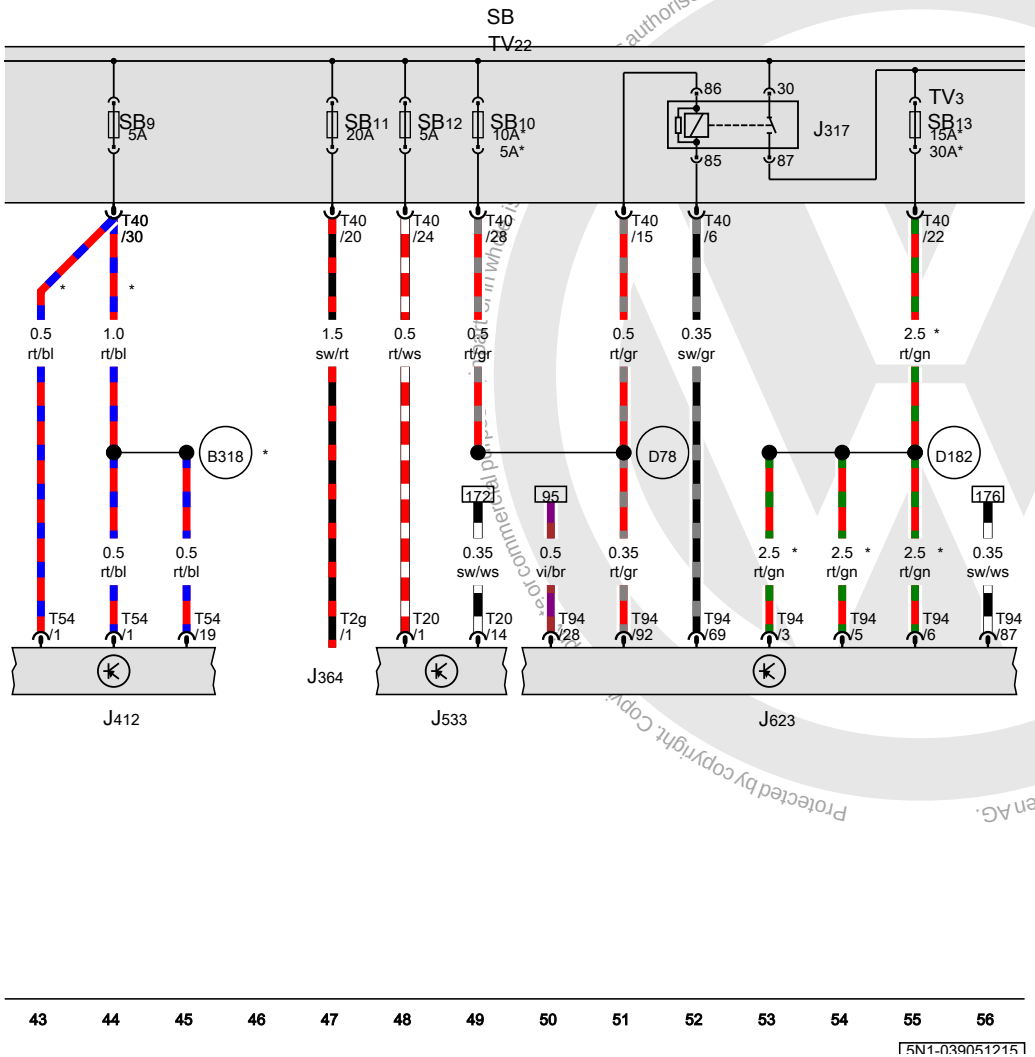
J285	Control unit in dash panel insert
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
J527	Steering column electronics control unit
J650	Multimedia system control unit
J681	Terminal 15 voltage supply relay 2
R190	Satellite digital radio tuner
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T8ua	8-pin connector
T9e	9-pin connector
T12m	12-pin connector
T16b	16-pin connector
T20d	20-pin connector
T32	32-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
A168	Positive connection 4 (30a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B224	Connection 1 (radio), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Terminal 30 voltage supply relay, Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

J317	Terminal 30 voltage supply relay
J364	Auxiliary heater control unit
J412	Mobile telephone operating electronics control unit
J533	Data bus diagnostic interface
J623	Engine control unit
SB	Fuse holder B
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB13	Fuse 13 on fuse holder B
T2g	2-pin connector
TV3	Terminal 30a wiring junction
T20	20-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
T54	54-pin connector
T94	94-pin connector
B318	Positive connection 4 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	According to equipment

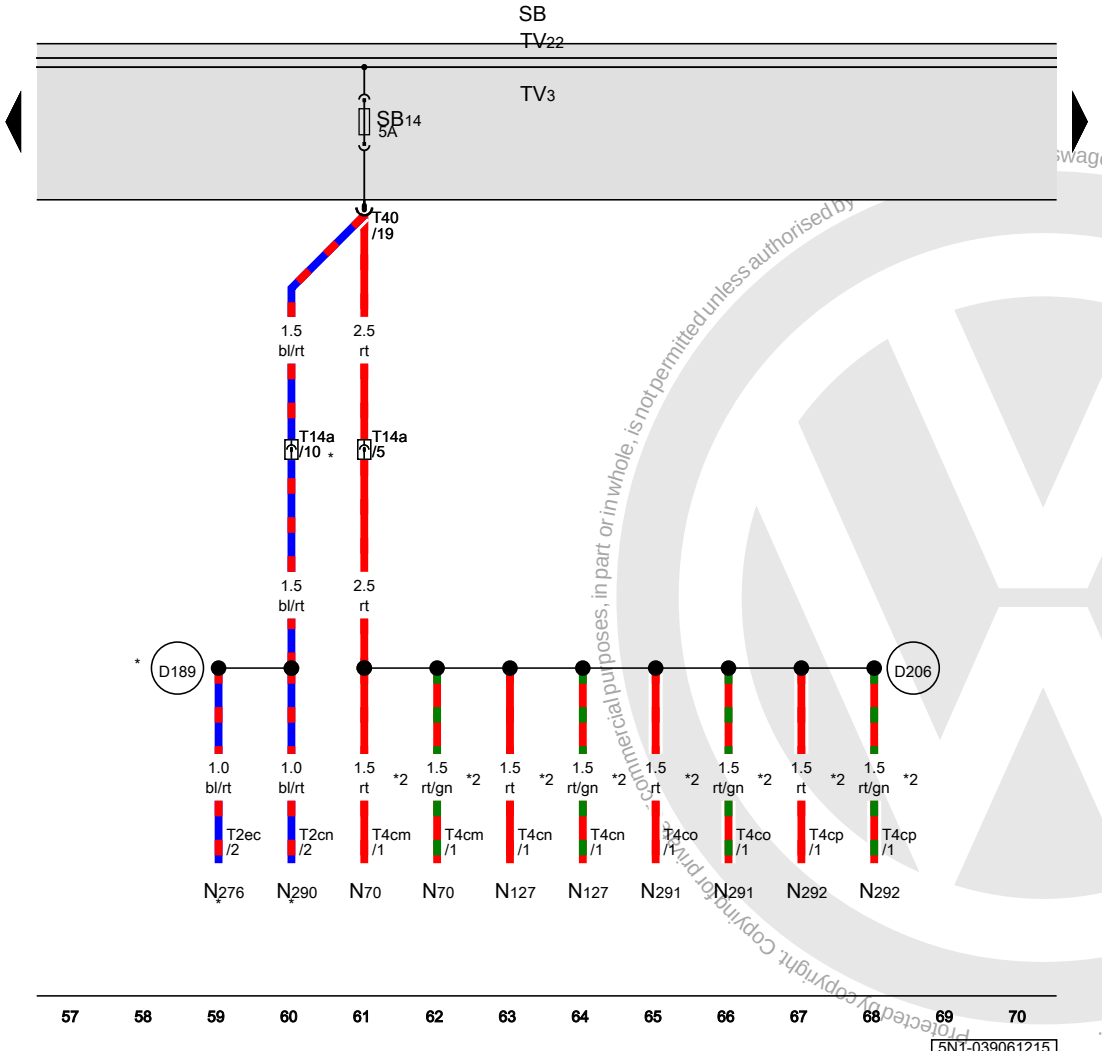


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

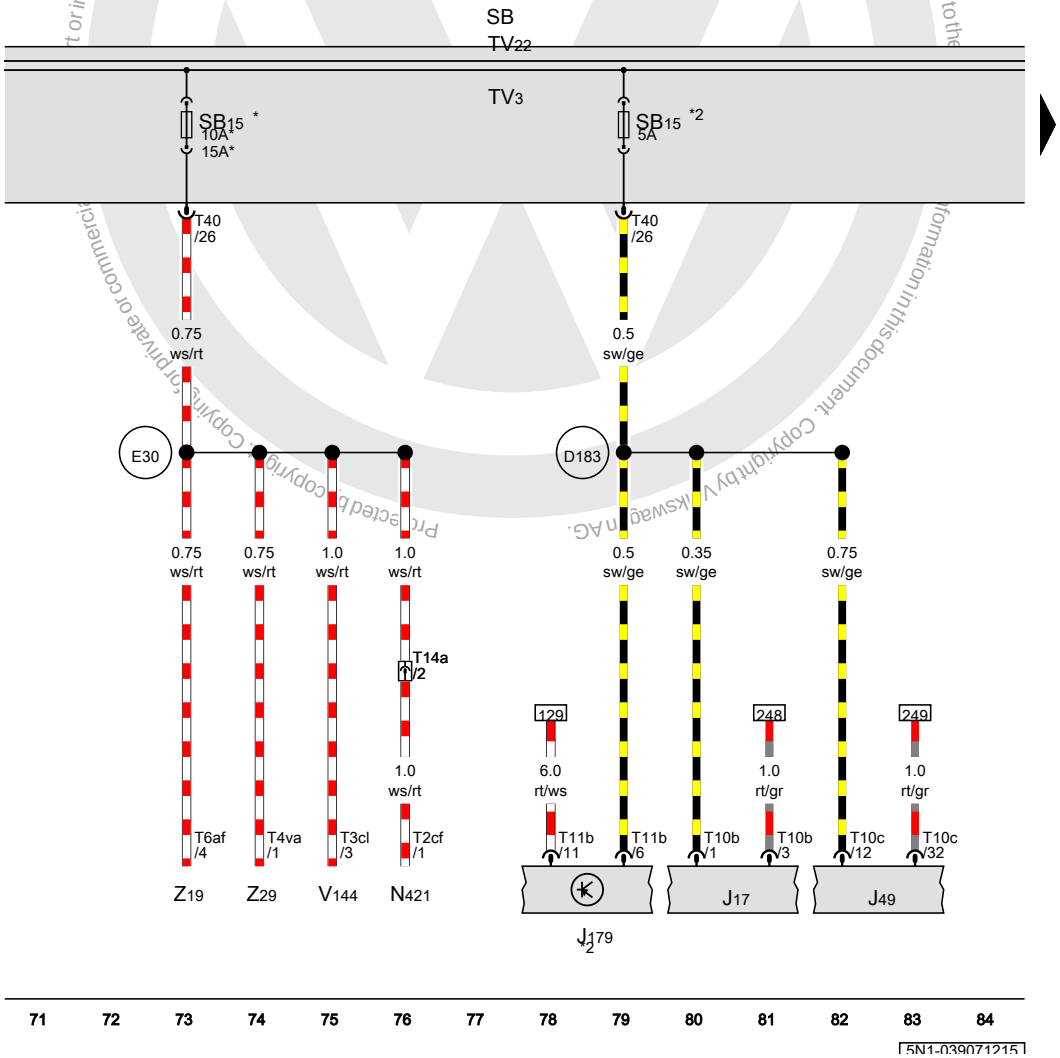
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
SB	Fuse holder B
SB14	Fuse 14 on fuse holder B
T2cn	2-pin connector
T2ec	2-pin connector
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
D189	Connection (87a) in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	Only models with diesel engine
*2	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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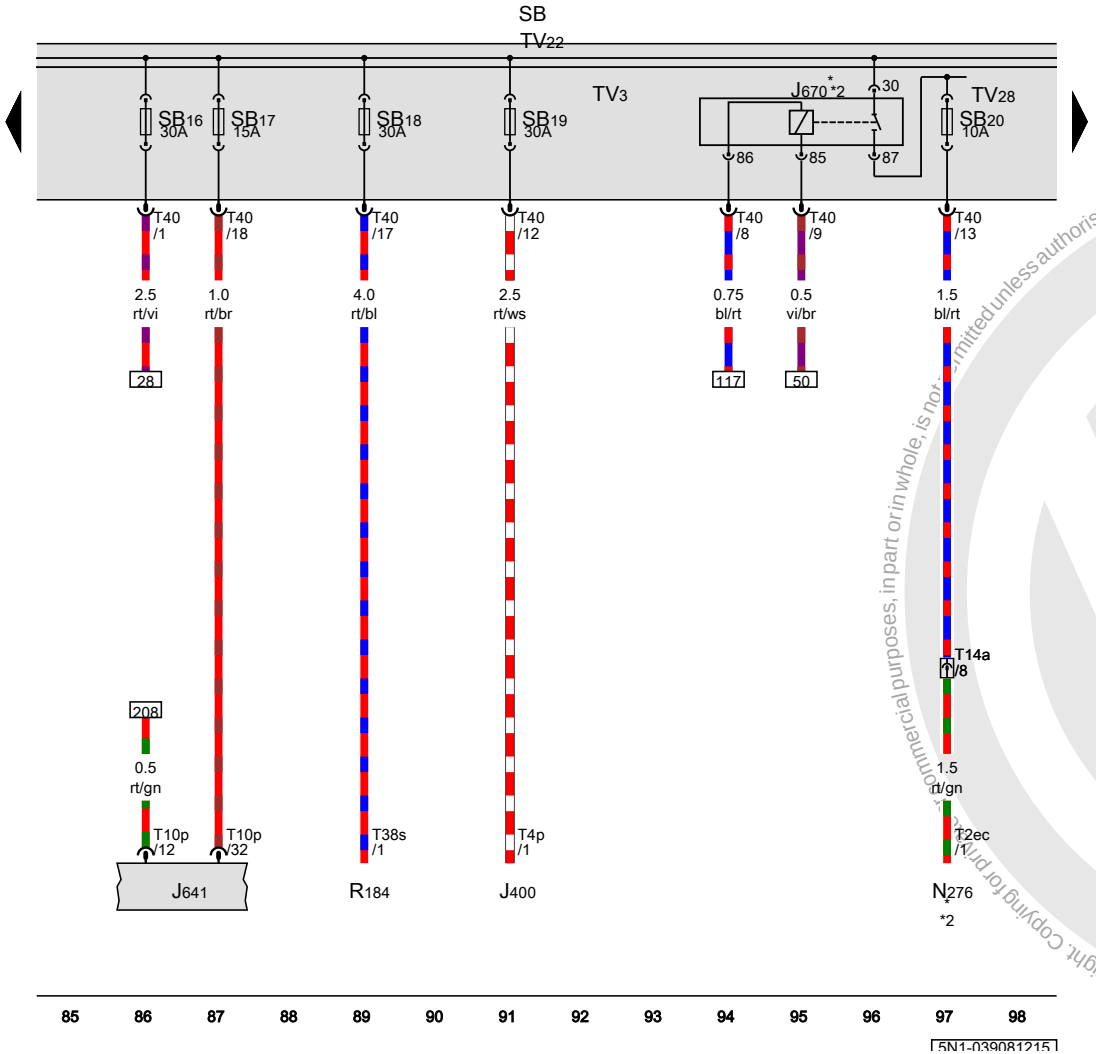
Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

J17	Fuel pump relay
J49	Electric fuel pump 2 relay
J179	Automatic glow period control unit
N421	Magnetic clutch for supercharger
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
T2cf	2-pin connector
T3cl	3-pin connector
T4va	4-pin connector
T6af	6-pin connector
T10b	10-pin connector
T10c	10-pin connector
T11b	11-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
V144	Fuel system diagnostic pump
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D183	Connection 4 (87a), in engine compartment wiring harness
E30	Connection (87a), in engine wiring harness
*	According to equipment
*2	Only models with diesel engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

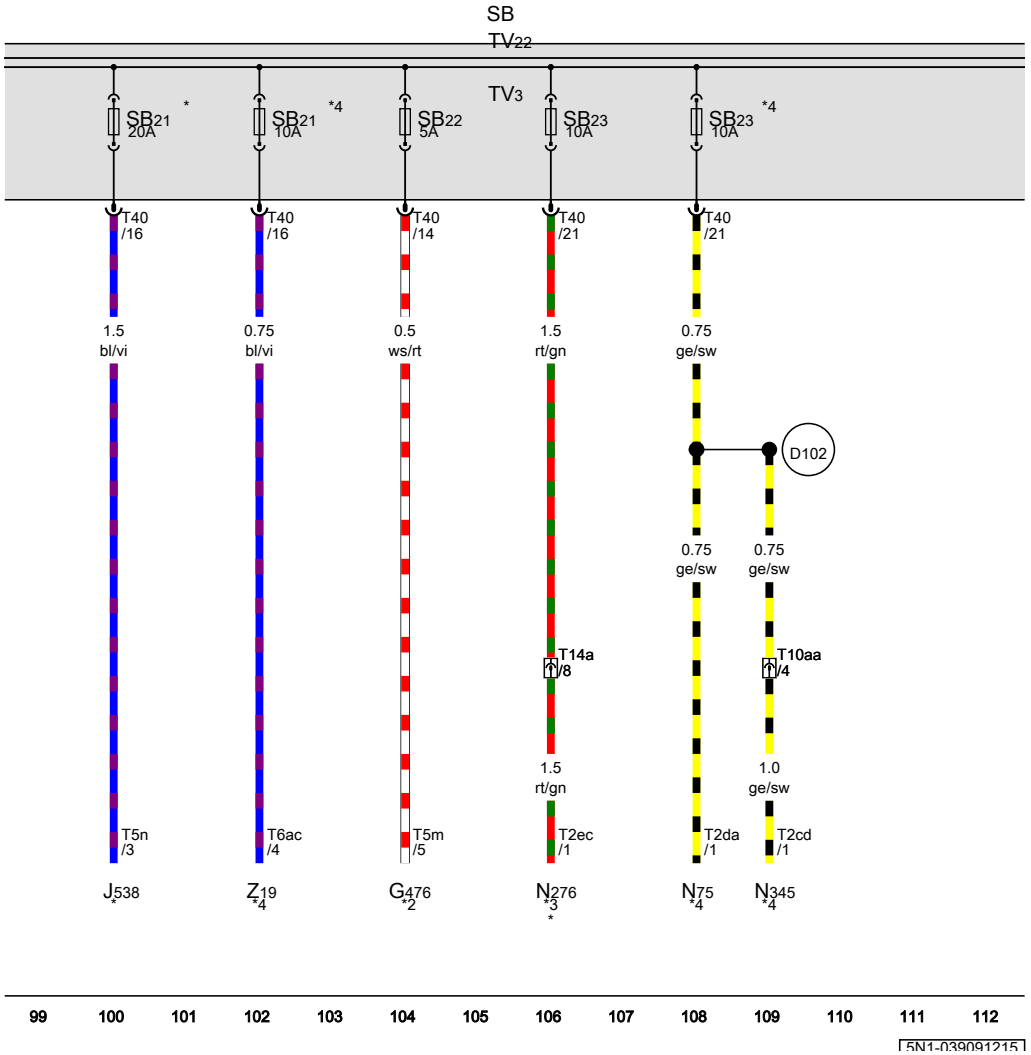
Motronic current supply relay 2, Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

J400	Wiper motor control unit
J641	Alarm horn relay
J670	Motronic current supply relay 2
N276	Fuel pressure regulating valve
R184	Digital sound package amplifier
SB	Fuse holder B
SB16	Fuse 16 on fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB20	Fuse 20 on fuse holder B
T2ec	2-pin connector
T4p	4-pin connector
T10p	10-pin connector
T14a	14-pin connector
T38s	38-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
TV28	Terminal 30 wiring junction 3
T40	40-pin connector
*	According to equipment
*2	Only models with petrol engine



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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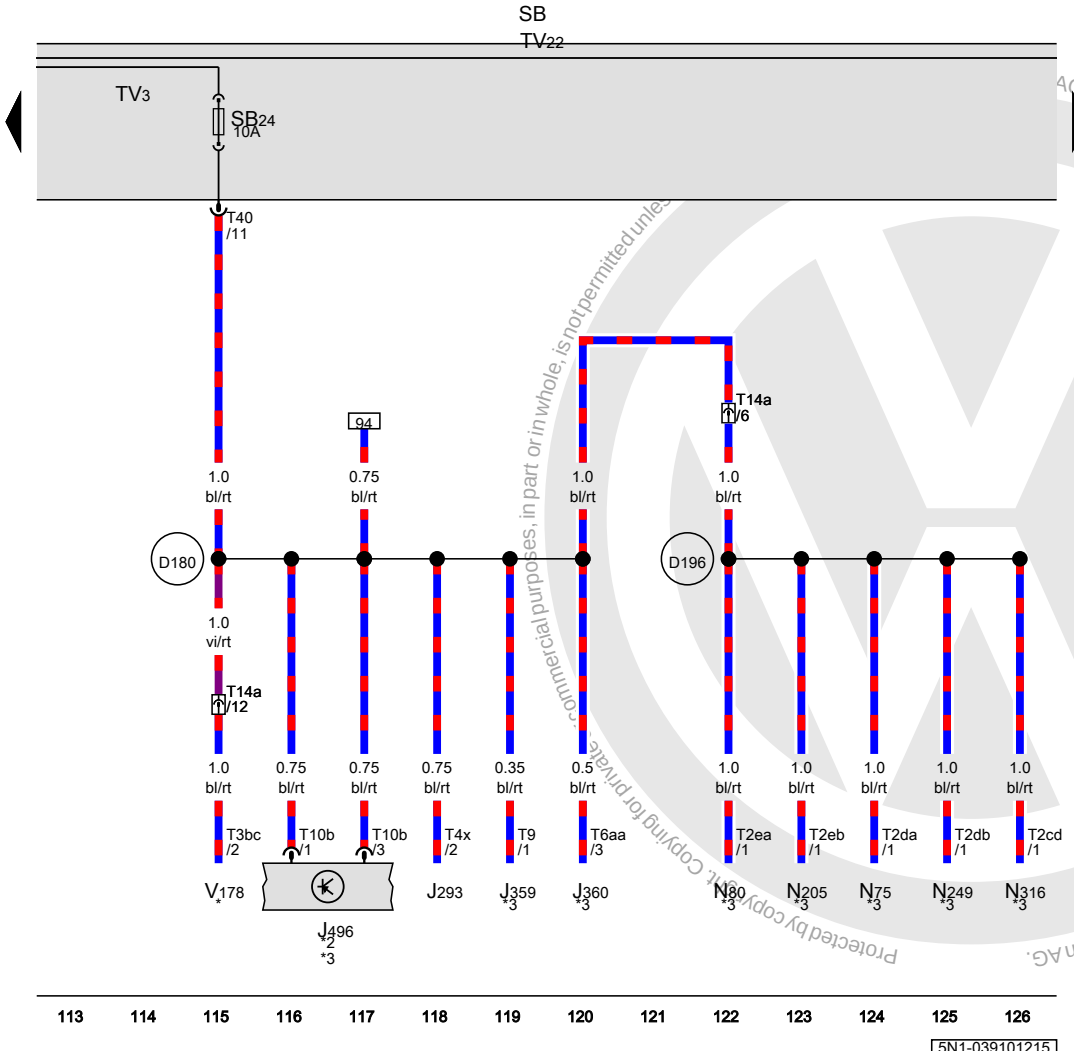


Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

G476	Clutch position sender
J538	Fuel pump control unit
N75	Charge pressure control solenoid valve
N276	Fuel pressure regulating valve
N345	Exhaust gas recirculation cooler changeover valve
SB	Fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
T2cd	2-pin connector
T2da	2-pin connector
T2ec	2-pin connector
T5m	5-pin connector
T5n	5-pin connector
T6ac	6-pin connector
T10aa	10-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
Z19	Lambda probe heater
D102	Connection 2 in engine compartment wiring harness
*	Only models with petrol engine
*2	Only models with manual gearbox
*3	According to equipment
*4	Only models with diesel engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

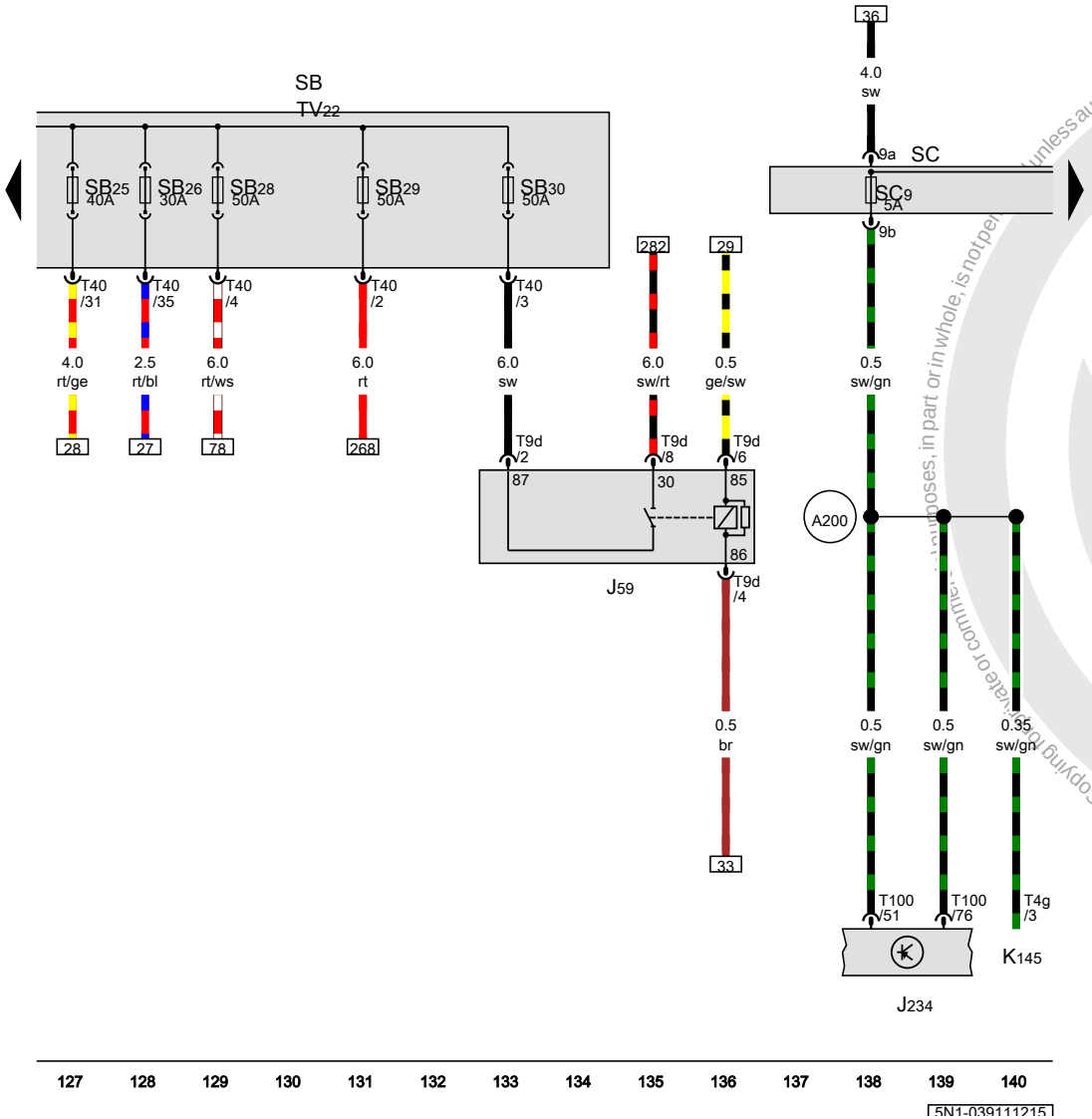
Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J496	Additional coolant pump relay
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
SB	Fuse holder B
SB24	Fuse 24 on fuse holder B
T2cd	2-pin connector
T2da	2-pin connector
T2db	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T3bc	3-pin connector
T4x	4-pin connector
T6aa	6-pin connector
TV3	Terminal 30a wiring junction
T9	9-pin connector
T10b	10-pin connector
T14a	14-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
V178	Coolant circulation pump 2
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	Only models with diesel engine
*2	According to equipment
*3	Only models with petrol engine

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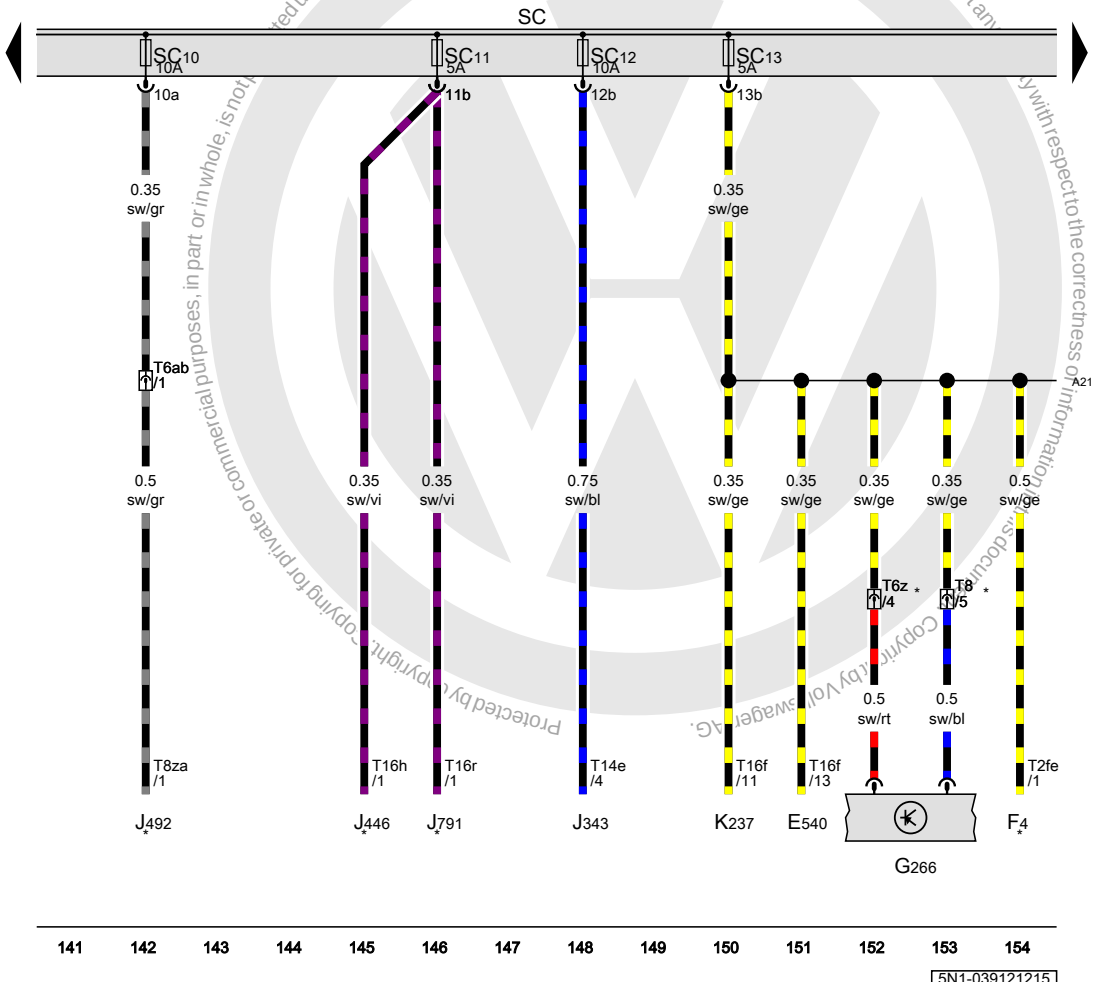
X-contact relief relay, Fuse holder B, Fuse holder C, Terminal 30 wiring junction 2

J59	X-contact relief relay
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
SB	Fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB30	Fuse 30 on fuse holder B
T4g	4-pin connector
T9d	9-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
T100	100-pin connector
A200	Positive connection 5 (15a) in dash panel wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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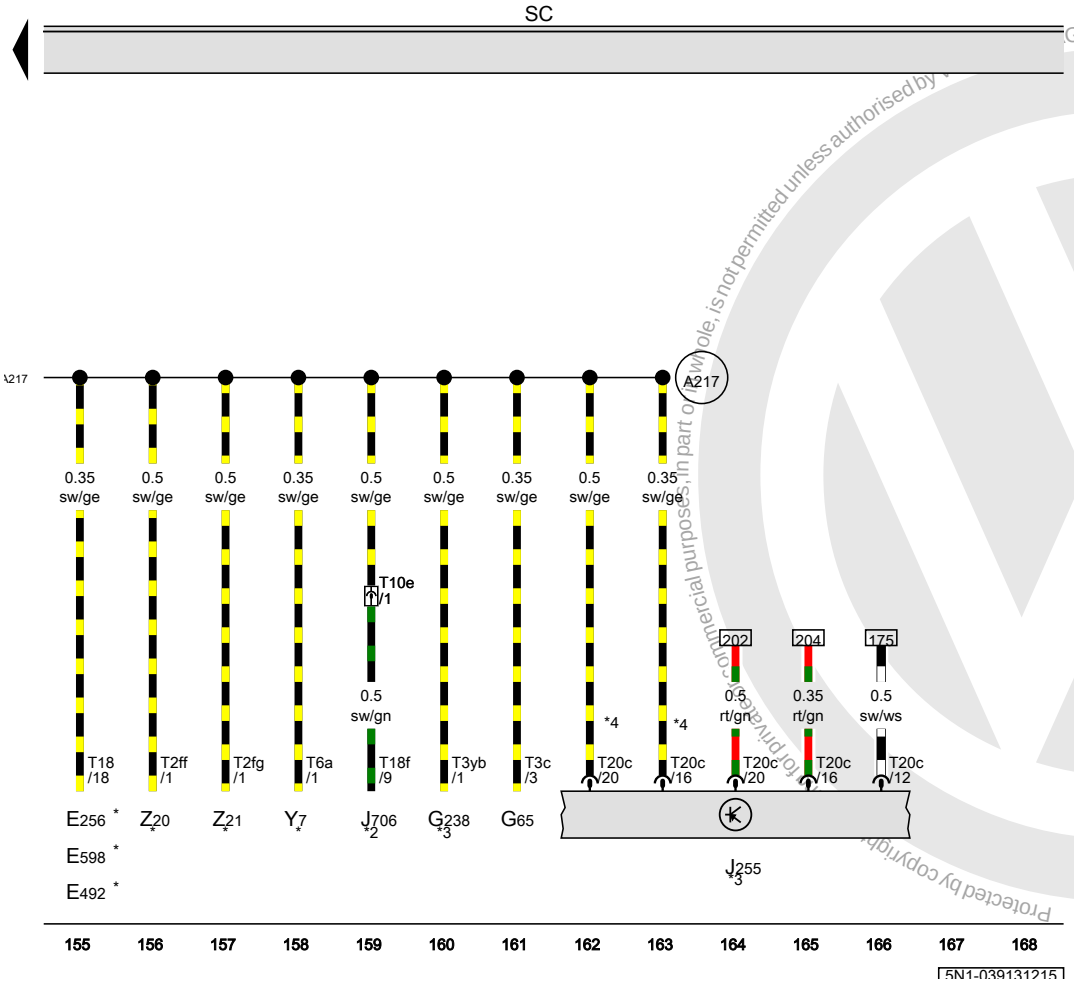


Fuse holder C

E540	Auto-hold button
F4	Reversing light switch
G266	Oil level and oil temperature sender
J343	Left gas discharge bulb control unit
J446	Parking aid control unit
J492	All-wheel drive control unit
J791	Park assist steering control unit
K237	Auto-hold warning lamp
SC	Fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC13	Fuse 13 on fuse holder C
T2fe	2-pin connector
T6ab	6-pin connector
T6z	6-pin connector
T8	8-pin connector
T8za	8-pin connector
T14e	14-pin connector
T16f	16-pin connector
T16h	16-pin connector
T16r	16-pin connector
A217	Positive connection 8 (15a) in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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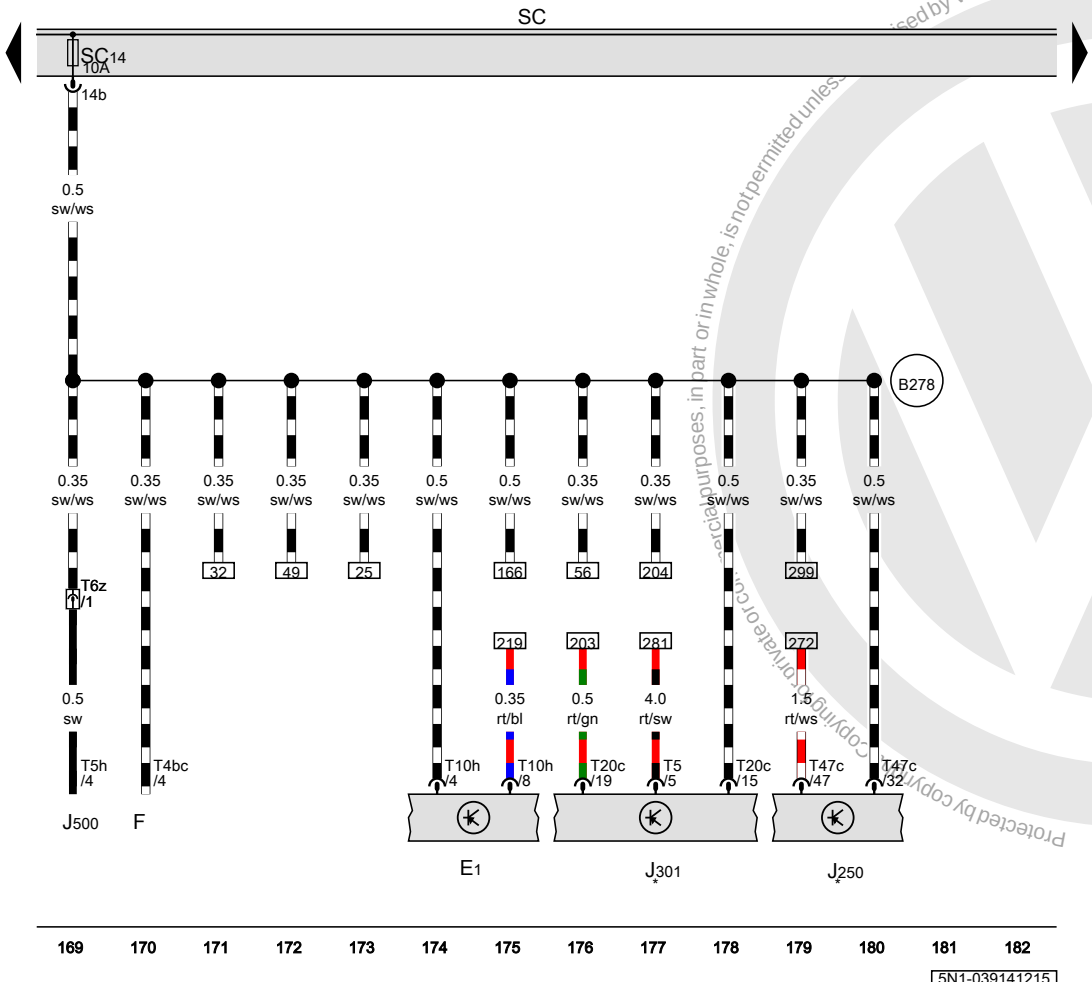


Fuse holder C

E256	Button for TCS and electronic stabilisation program
E492	Tyre Pressure Loss Indicator button
E598	Driving program button
G65	High-pressure sender
G238	Air quality sensor
J255	Climatronic control unit
J706	Seat occupied recognition control unit
SC	Fuse holder C
T2ff	2-pin connector
T2fg	2-pin connector
T3c	3-pin connector
T3yb	3-pin connector
T6a	6-pin connector
T10e	10-pin connector
T18	18-pin connector
T18f	18-pin connector
T20c	20-pin connector
Y7	Automatic anti-dazzle interior mirror
Z20	Left washer jet heater element
Z21	Right washer jet heater element
A217	Positive connection 8 (15a) in dash panel wiring harness
*	According to equipment
*2	Only for American markets
*3	Only models with Climatronic
*4	Only models with remote controlled auxiliary heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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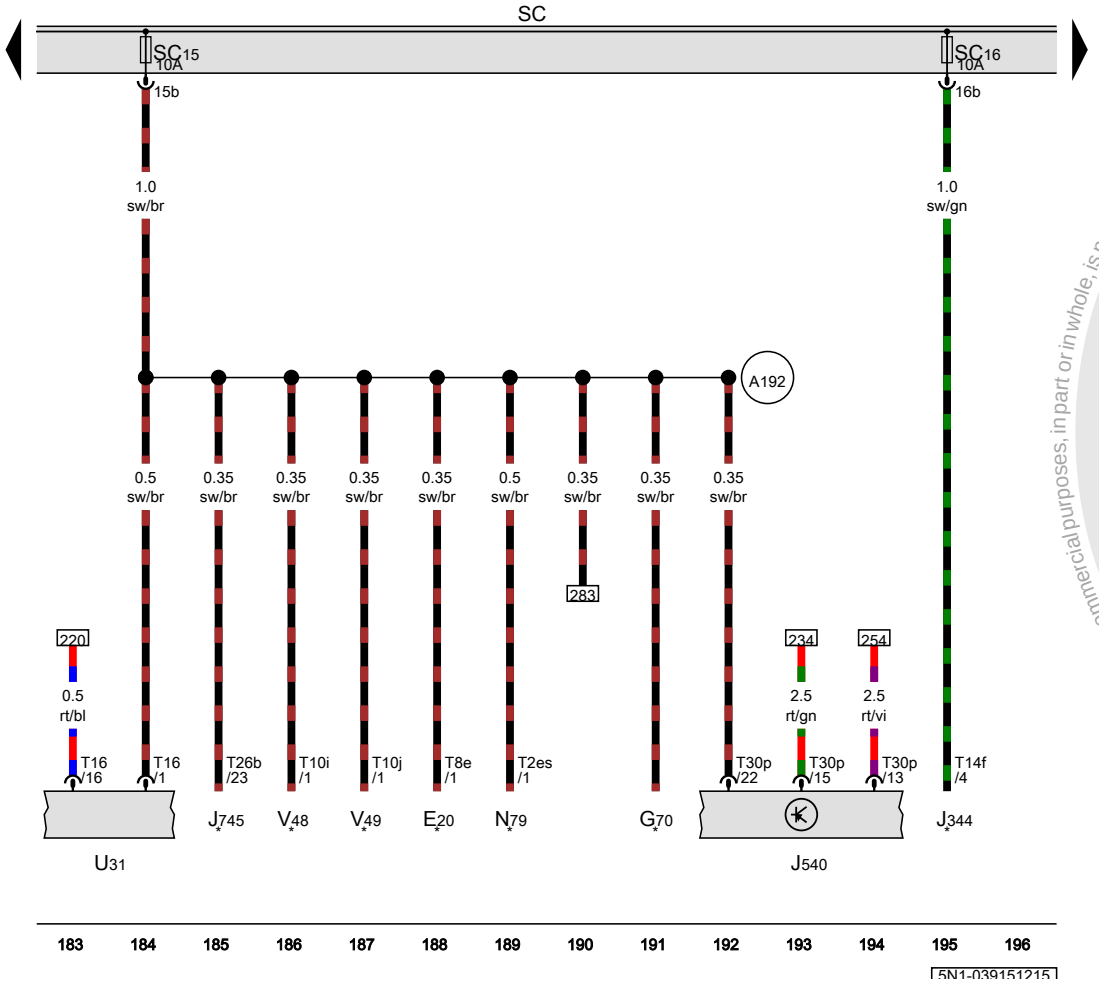


Fuse holder C

E1	Light switch
F	Brake light switch
J250	Electronically controlled damping control unit
J301	Air conditioning system control unit
J500	Power steering control unit
SC	Fuse holder C
SC14	Fuse 14 on fuse holder C
T4bc	4-pin connector
T5	5-pin connector
T5h	5-pin connector
T6z	6-pin connector
T10h	10-pin connector
T20c	20-pin connector
T47c	47-pin connector
B278	Positive connection 2 (15a) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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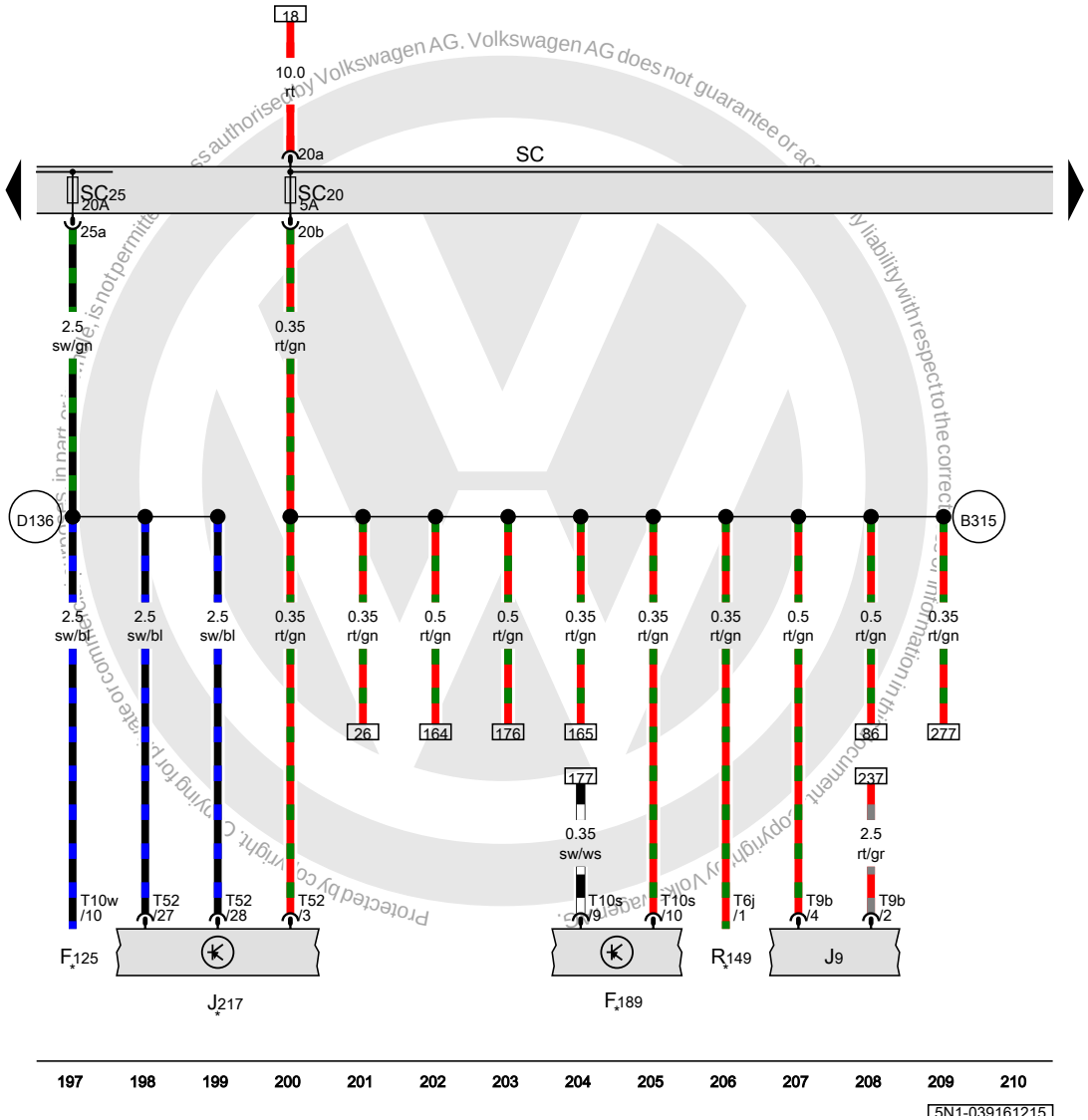


Fuse holder C

E20	Switch and instrument illumination regulator
G70	Air mass meter
J344	Right gas discharge bulb control unit
J540	Control unit for electromechanical parking brake
J745	Control unit for cornering light and headlight range control
N79	Heater element for crankcase breather
SC	Fuse holder C
SC15	Fuse 15 on fuse holder C
SC16	Fuse 16 on fuse holder C
T2es	2-pin connector
T8e	8-pin connector
T10i	10-pin connector
T10j	10-pin connector
T14f	14-pin connector
T16	16-pin connector
T26b	26-pin connector
T30p	30-pin connector
U31	Diagnostic connection
V48	Left headlight range control motor
V49	Right headlight range control motor
A192	Positive connection 3 (15a) in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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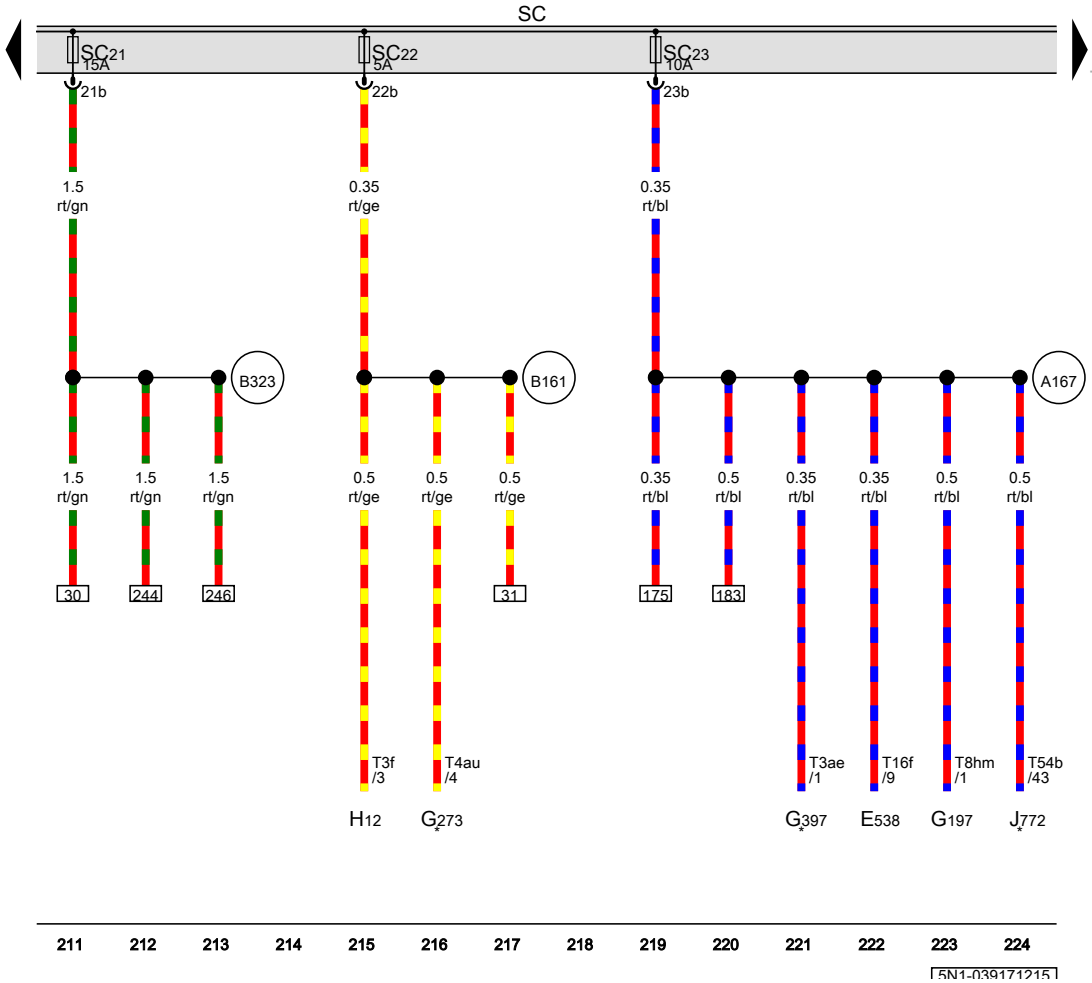


Fuse holder C

F125	Multifunction switch
F189	Tiptronic switch
J9	Heated rear window relay
J217	Automatic gearbox control unit
R149	Remote control receiver for auxiliary coolant heater
SC	Fuse holder C
SC20	Fuse 20 on fuse holder C
SC25	Fuse 25 on fuse holder C
T6j	6-pin connector
T9b	9-pin connector
T10s	10-pin connector
T10w	10-pin connector
T52	52-pin connector
B315	Positive connection 1 (30a) in main wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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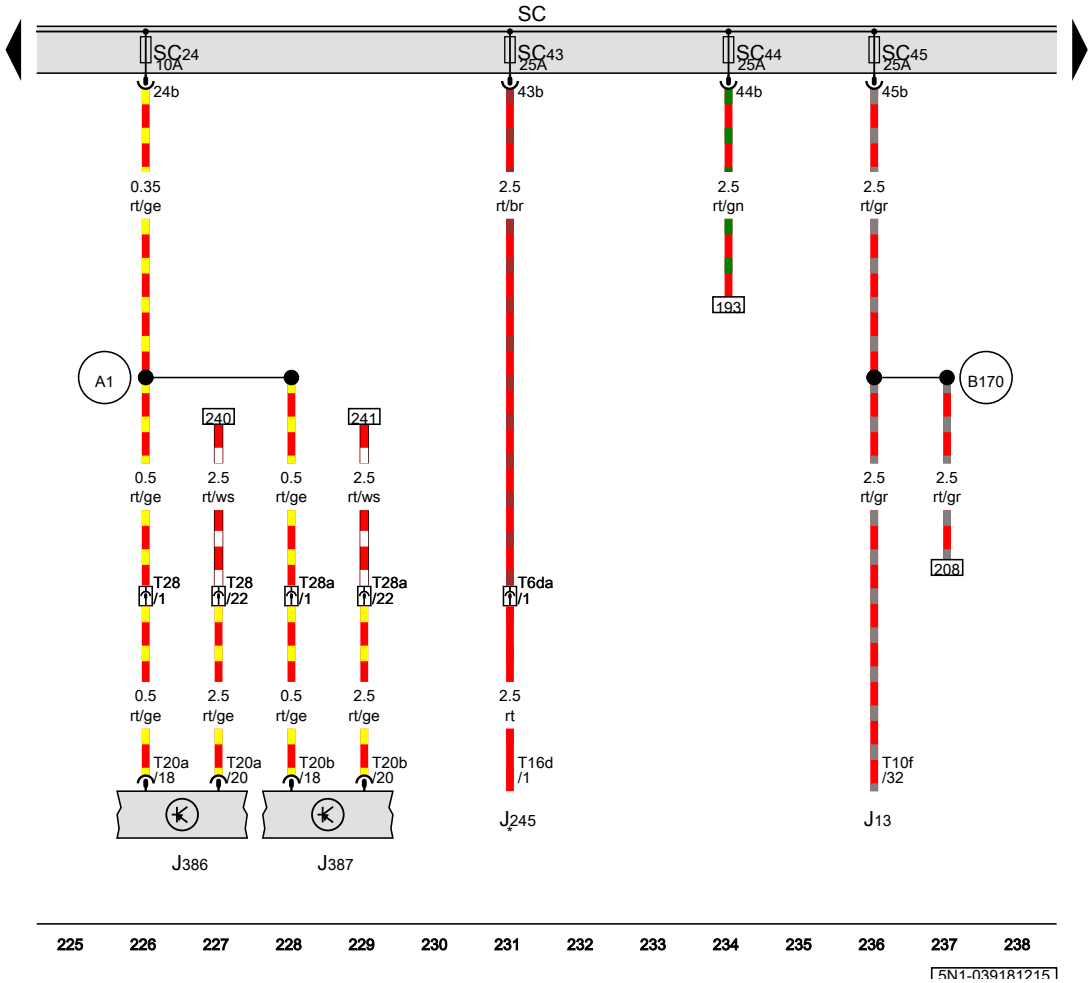


Fuse holder C

E538	Electromechanical parking brake button
G197	Magnetic field sender for compass
G273	Interior monitoring sensor
G397	Rain and light sensor
H12	Alarm horn
J772	Reversing camera system control unit
SC	Fuse holder C
SC21	Fuse 21 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
T3ae	3-pin connector
T3f	3-pin connector
T4au	4-pin connector
T8hm	8-pin connector
T16f	16-pin connector
T54b	54-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
B161	Connection (ATA), in interior wiring harness
B323	Positive connection 9 (30a) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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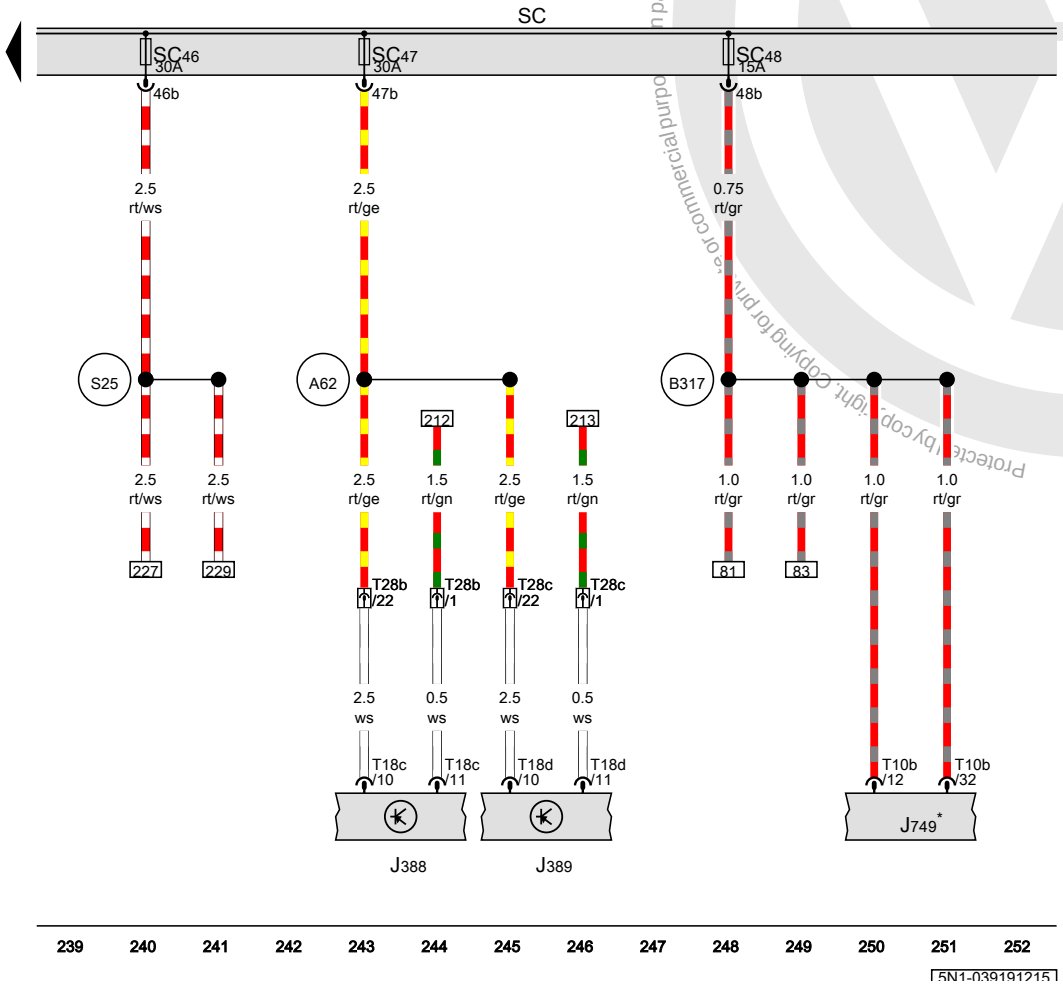
Fuse holder C

J13	Fresh air blower relay
J245	Sliding sunroof adjustment control unit
J386	Driver door control unit
J387	Front passenger door control unit
SC	Fuse holder C
SC24	Fuse 24 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC44	Fuse 44 on fuse holder C
SC45	Fuse 45 on fuse holder C
T6da	6-pin connector
T10f	10-pin connector
T16d	16-pin connector
T20a	20-pin connector
T20b	20-pin connector
T28	28-pin connector
T28a	28-pin connector
A1	Positive connection (30a), in dash panel wiring harness
B170	Positive connection 2 (30), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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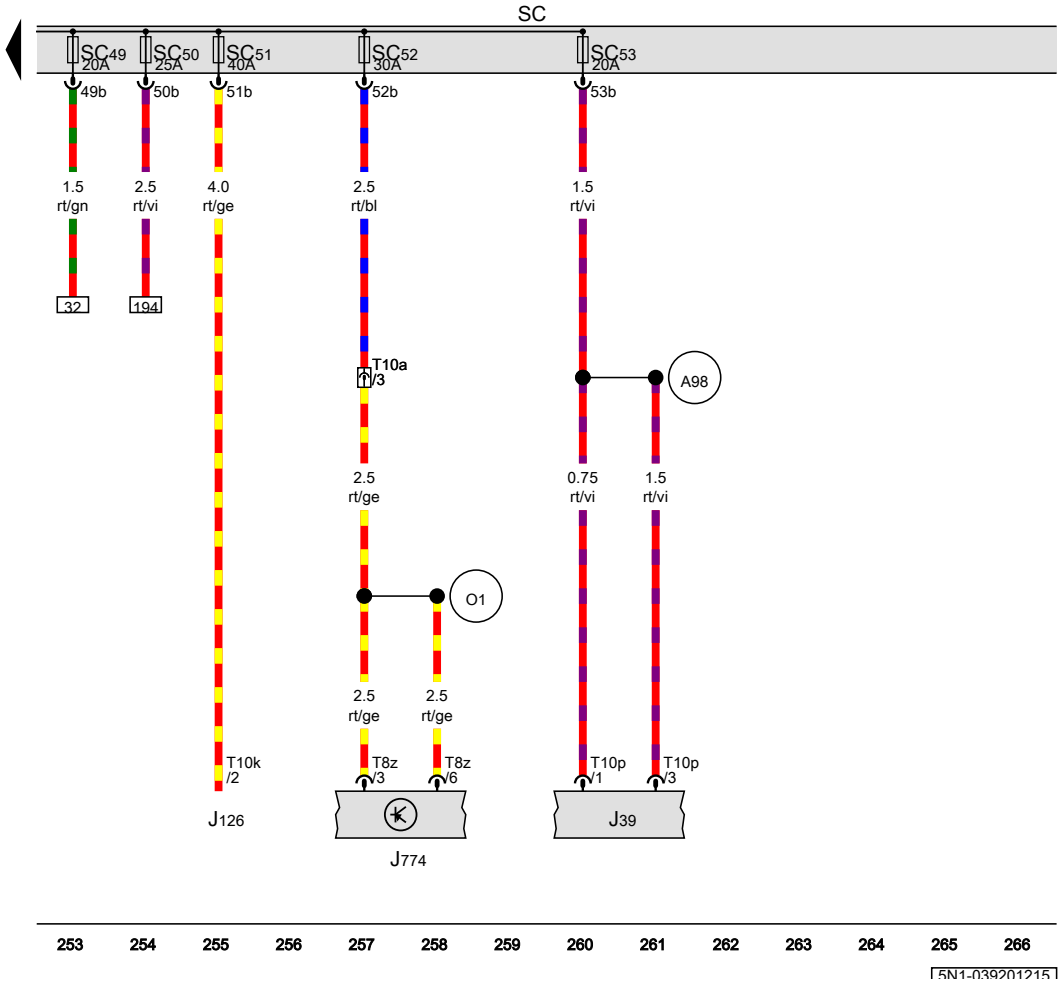
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Fuse holder C

J388	Rear left door control unit
J389	Rear right door control unit
J749	Fuel pump relay for auxiliary heater
SC	Fuse holder C
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
T10b	10-pin connector
T18c	18-pin connector
T18d	18-pin connector
T28b	28-pin connector
T28c	28-pin connector
A62	Connection (window regulators), in dash panel wiring harness
B317	Positive connection 3 (30a) in main wiring harness
S25	Positive connection (30a), in central locking wiring harness
*	Only models with fuel operated auxiliary heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

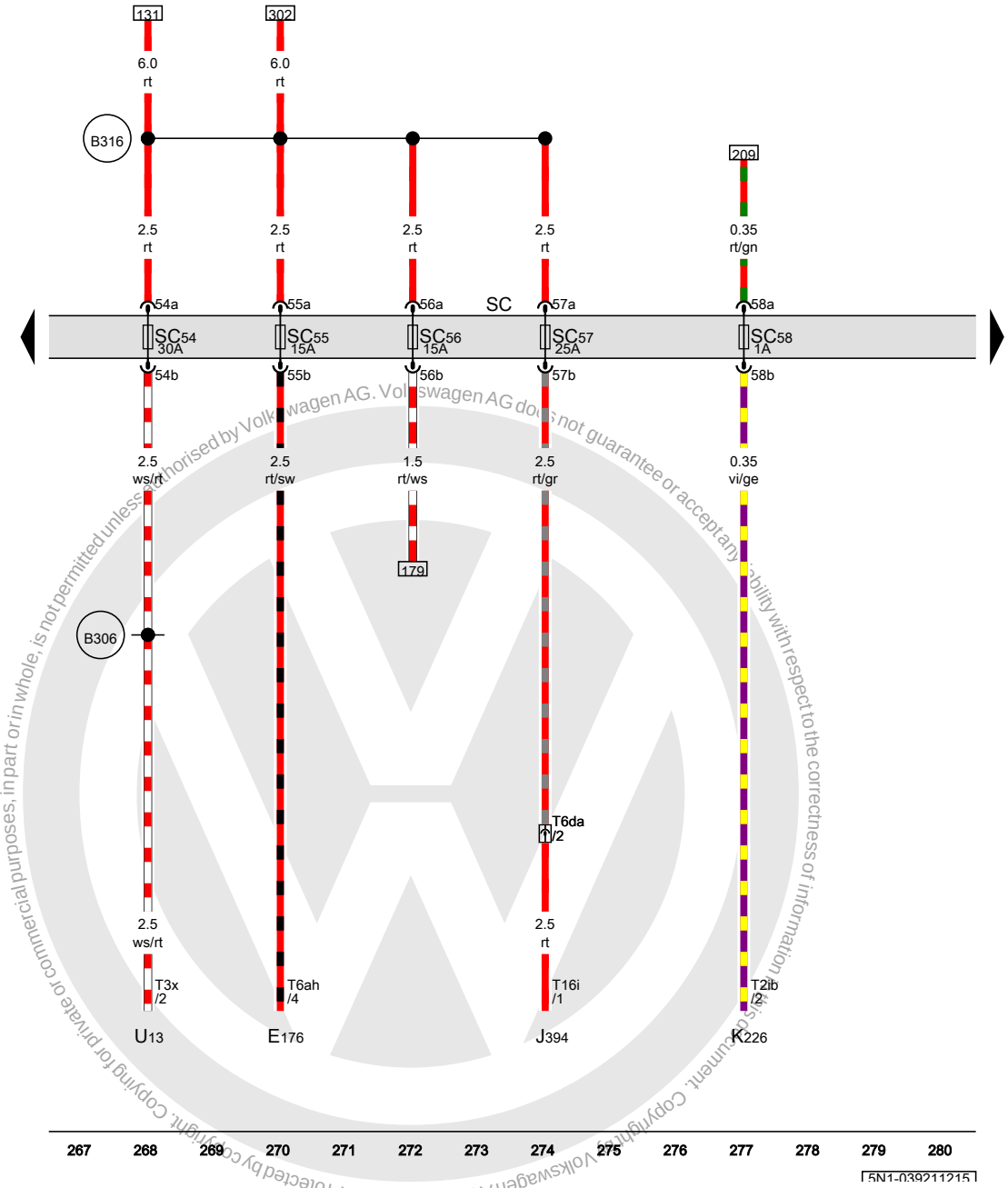


Fuse holder C

J39	Headlight washer system relay
J126	Fresh air blower control unit
J774	Heated front seats control unit
SC	Fuse holder C
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
SC52	Fuse 52 on fuse holder C
SC53	Fuse 53 on fuse holder C
T8z	8-pin connector
T10a	10-pin connector
T10k	10-pin connector
T10p	10-pin connector
A98	Positive connection 4 (30), in dash panel wiring harness
O1	Positive connection (30), in seat heating wiring harness

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ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

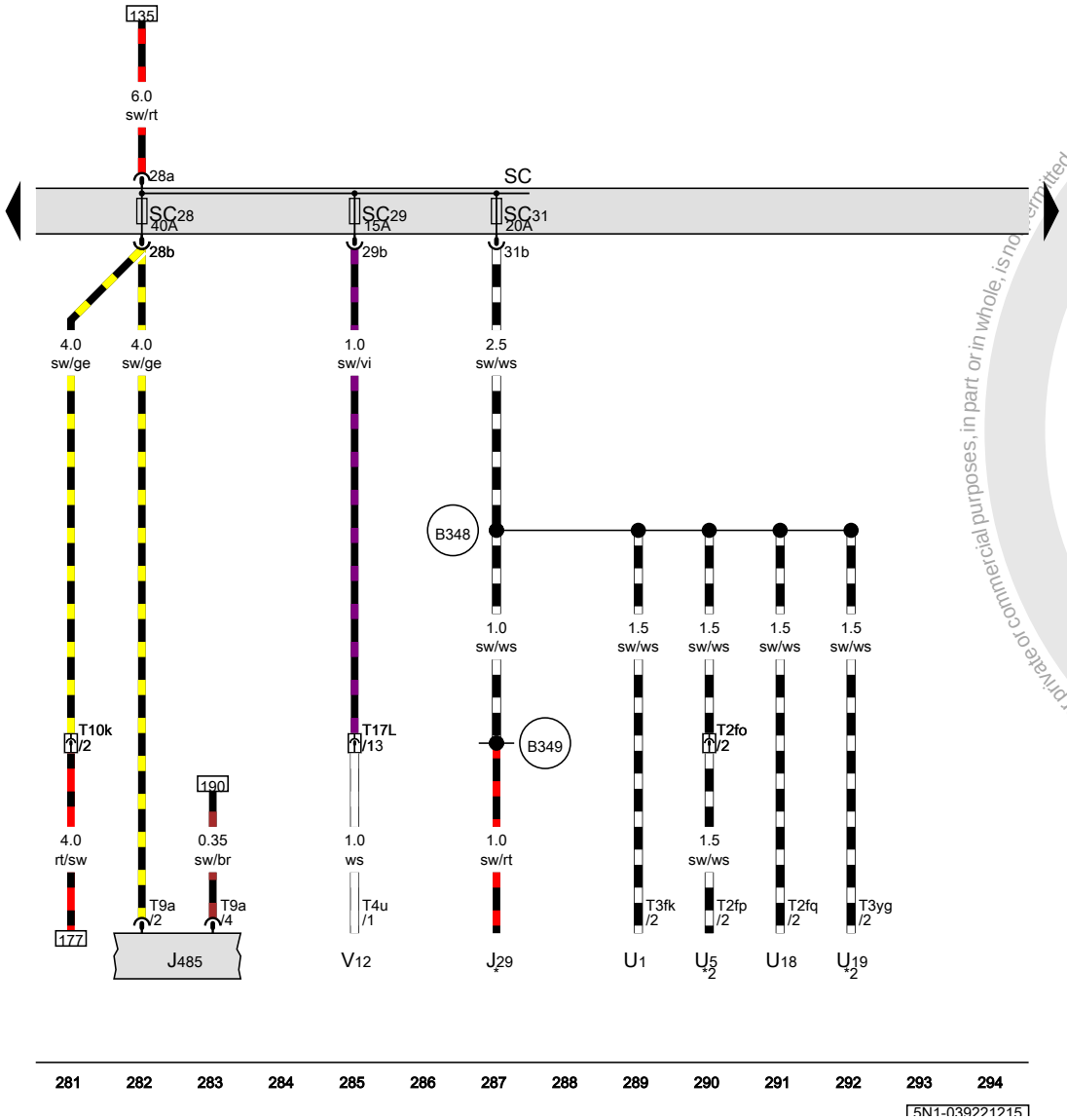


Fuse holder C

E176	Driver seat lumbar support adjustment switch
J394	Sunroof roller blind control unit
K226	Towing bracket locked warning lamp
SC	Fuse holder C
SC54	Fuse 54 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC56	Fuse 56 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC58	Fuse 58 on fuse holder C
T2ib	2-pin connector
T3x	3-pin connector
T6ah	6-pin connector
T6da	6-pin connector
T16i	16-pin connector
U13	DC/AC converter with socket, 12 V - 230 V
B306	Positive connection 10 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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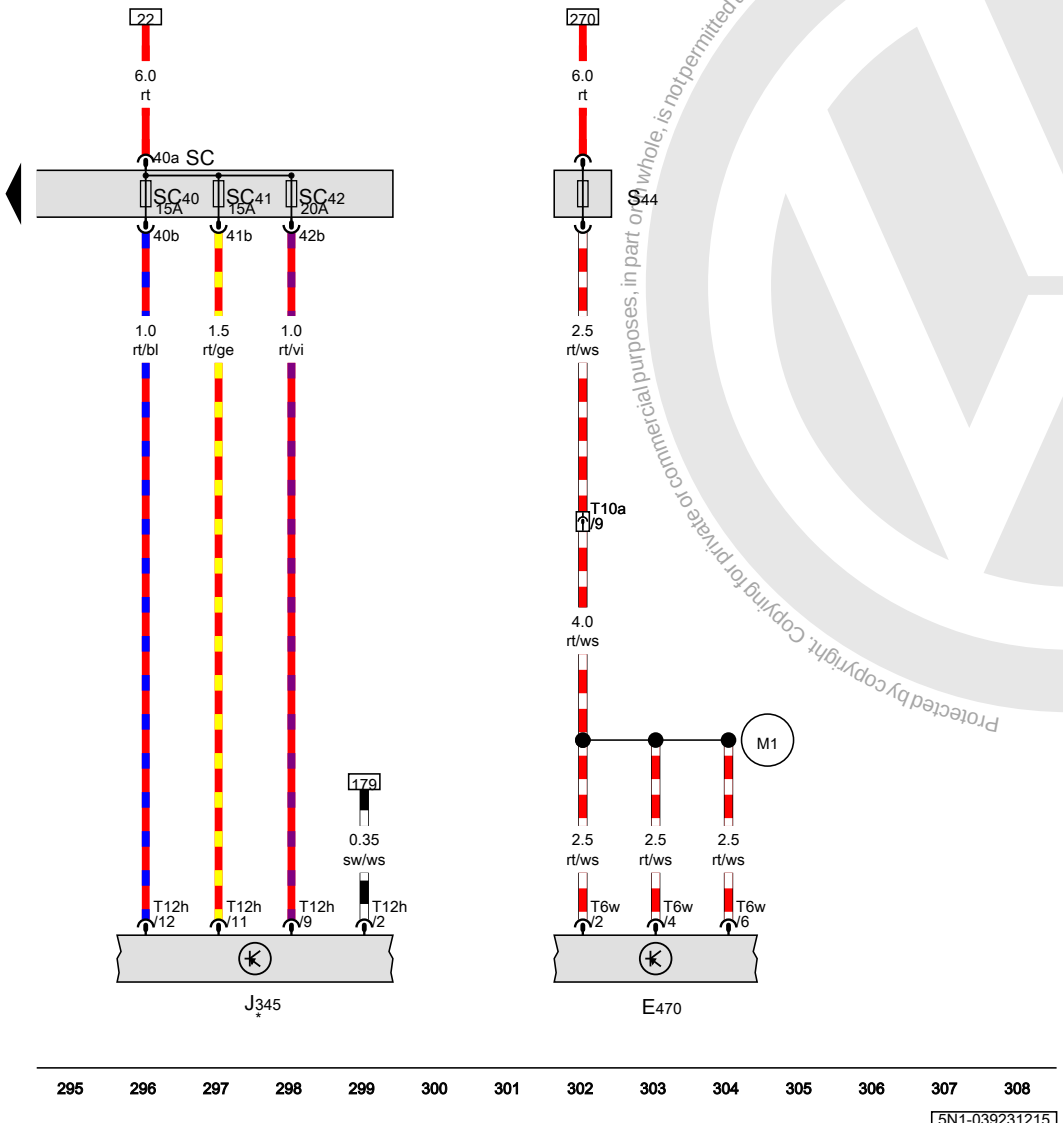


Fuse holder C

J29	Blocking diode
J485	Auxiliary heater operation relay
SC	Fuse holder C
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC31	Fuse 31 on fuse holder C
T2fo	2-pin connector
T2fp	2-pin connector
T2fq	2-pin connector
T3fk	3-pin connector
T3yg	3-pin connector
T4u	4-pin connector
T9a	9-pin connector
T10k	10-pin connector
T17L	17-pin connector
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
U19	12 V socket 3
V12	Rear window wiper motor
B348	Connection 1 (75a), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuse holder C

E470	Driver seat adjustment operating unit
J345	Trailer detector control unit
S44	Driver seat adjustment thermal fuse 1
SC	Fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
T6w	6-pin connector
T10a	10-pin connector
T12h	12-pin connector
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	According to equipment

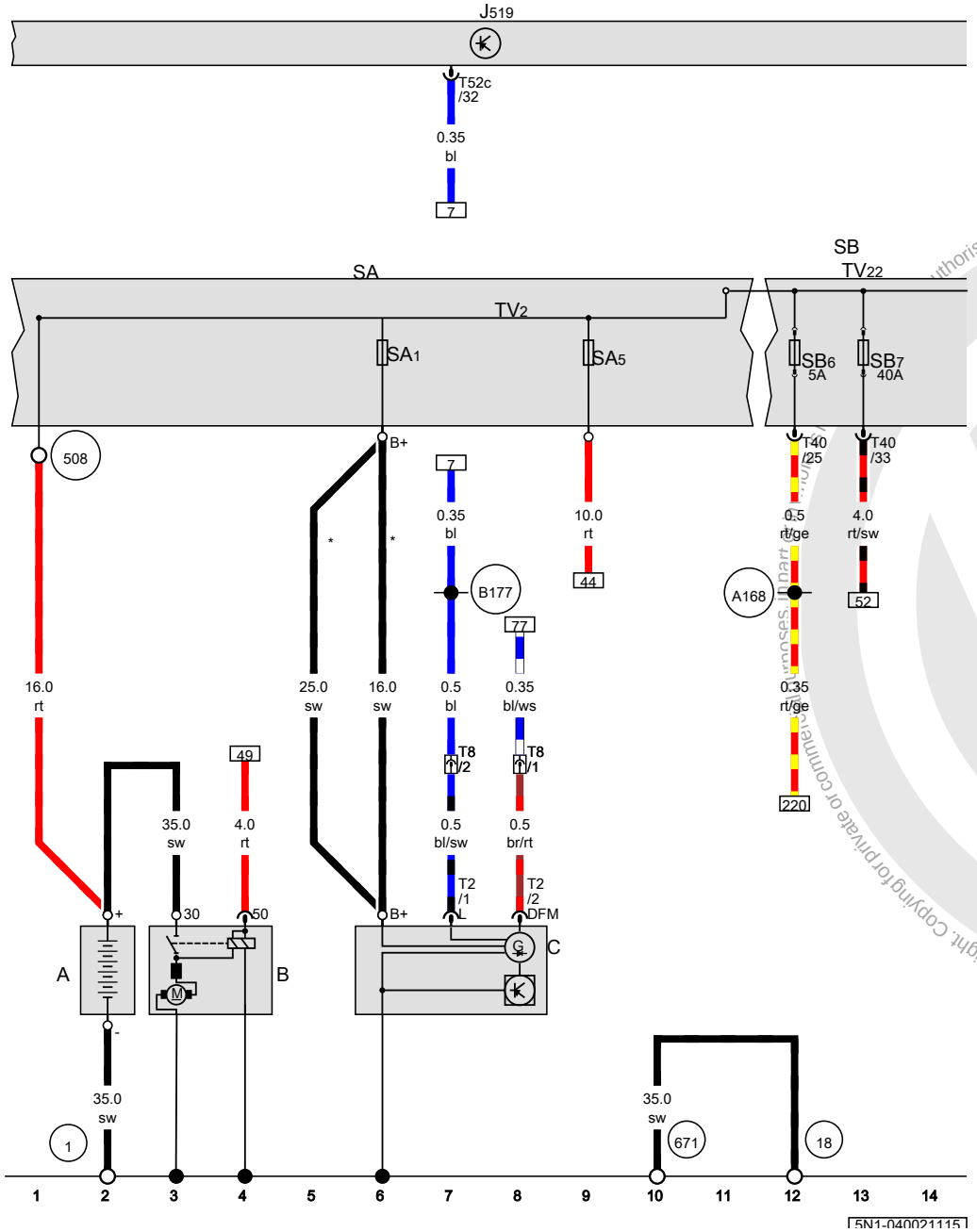
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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2.0l petrol engine , CCTA,CCTB,CCZA,CCZC

From May 2009

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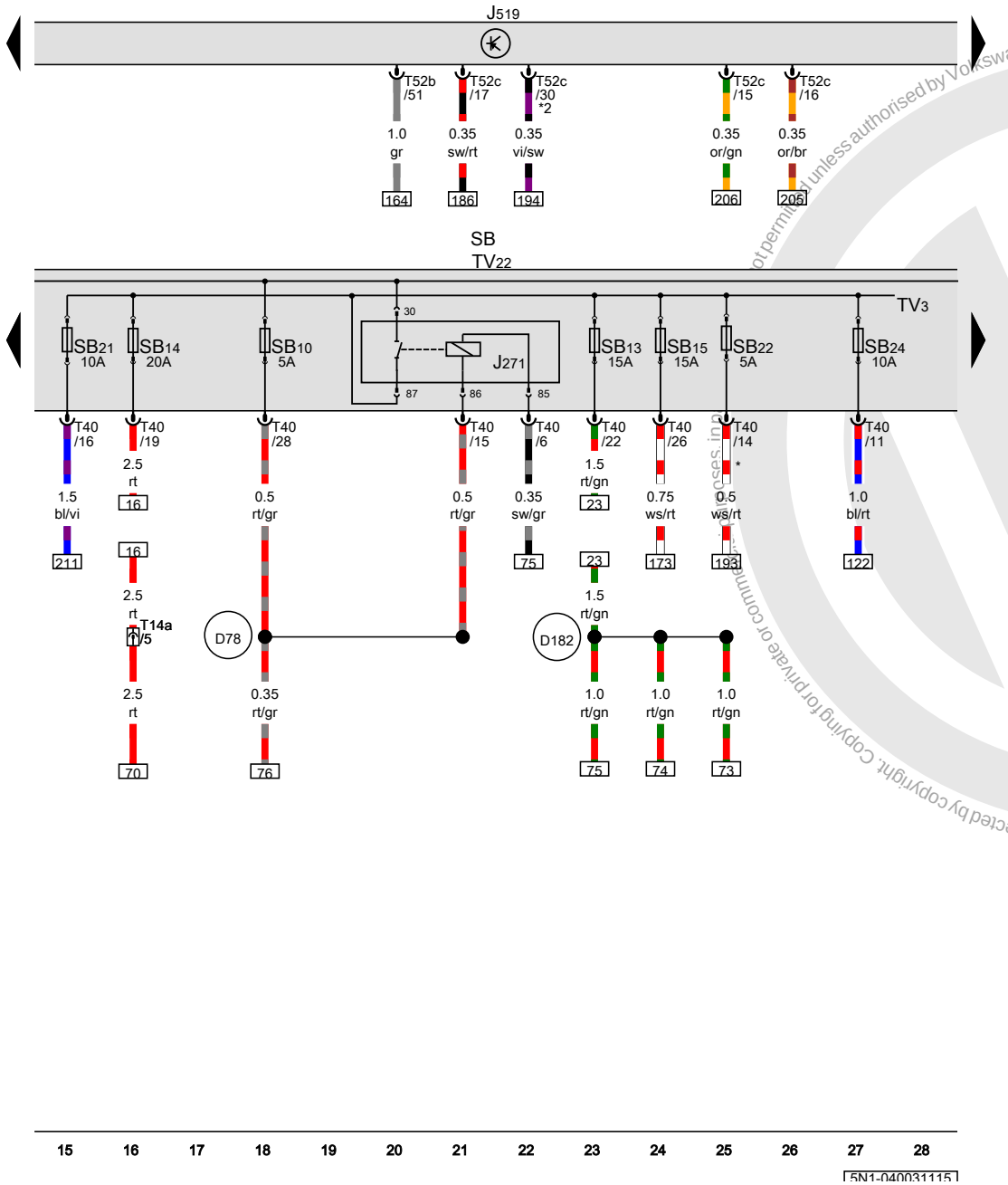


Battery, Starter, Alternator, Onboard supply control unit, Fuse holder A, Fuse holder B

A	Battery
B	Starter
C	Alternator
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
T2	2-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
T8	8-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
A168	Positive connection 4 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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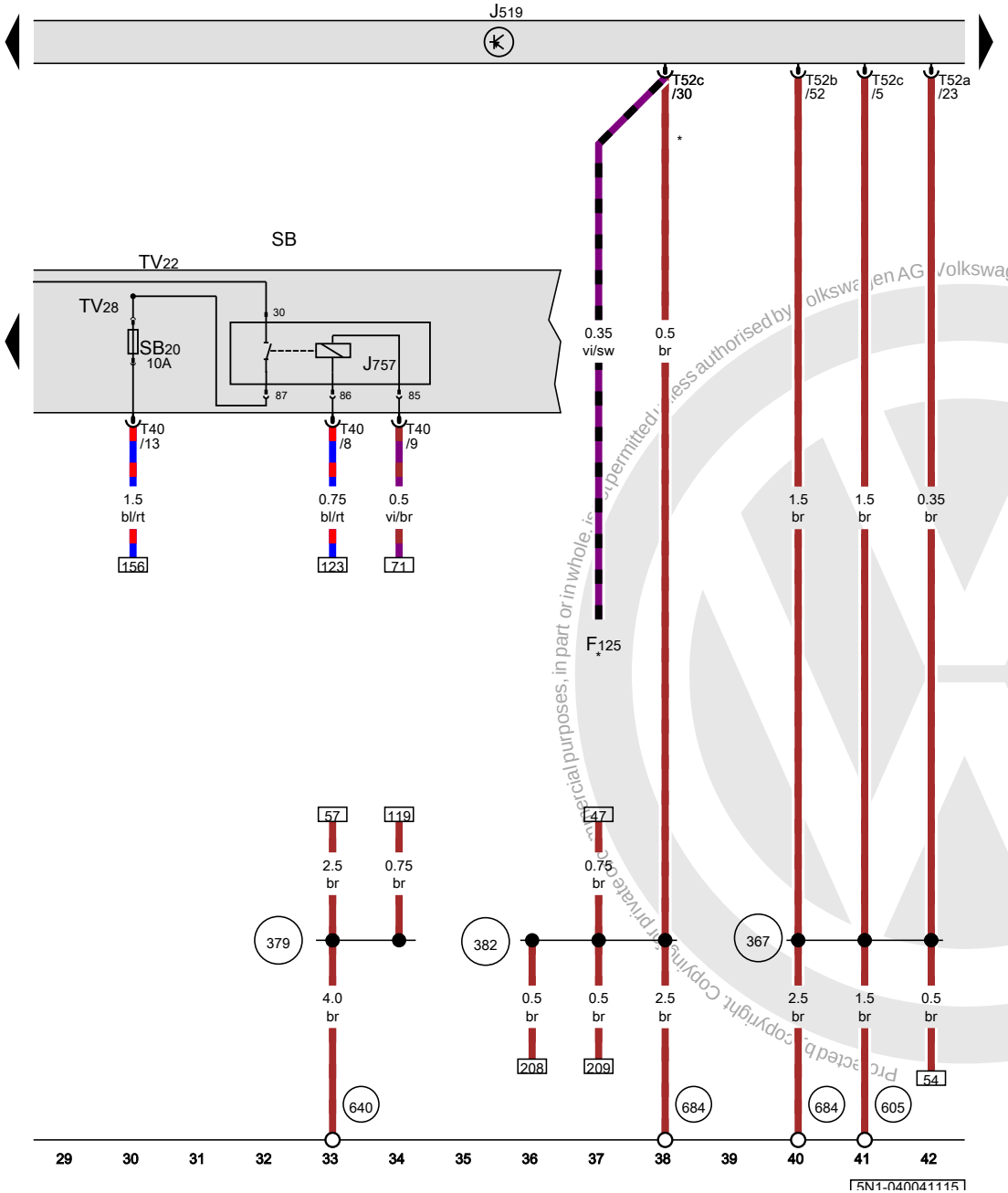


Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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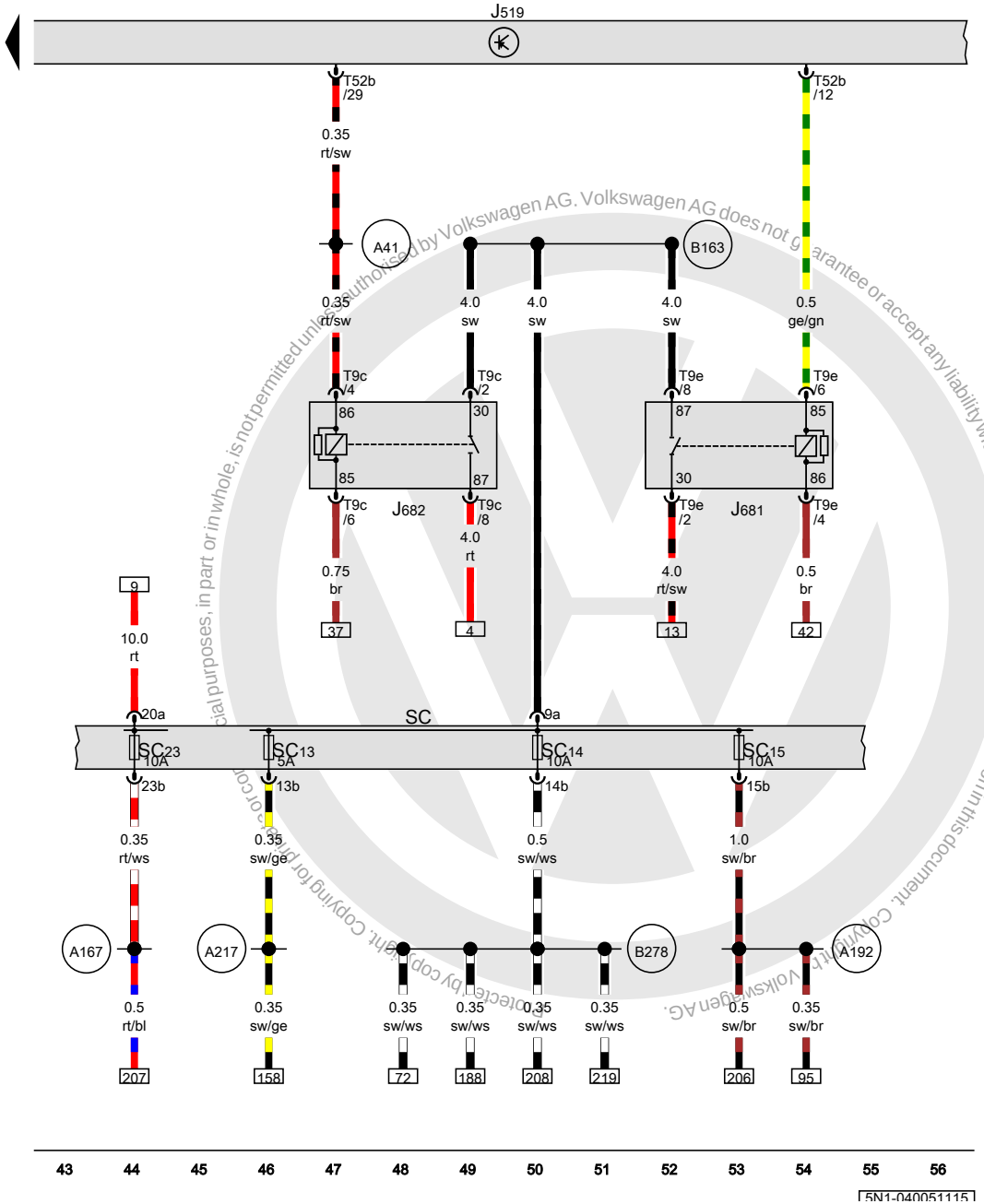


Onboard supply control unit, Engine component current supply relay, Fuse holder B

F125	Multifunction switch
J519	Onboard supply control unit
J757	Engine component current supply relay
SB	Fuse holder B
SB20	Fuse 20 on fuse holder B
TV22	Terminal 30 wiring junction 2
TV28	Terminal 30 wiring junction 3
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
379	Earth connection 14, in main wiring harness
382	Earth connection 17, in main wiring harness
605	Earth point, on top end of steering column
640	Earth point 2, left in engine compartment
684	Earth point on front of left side member
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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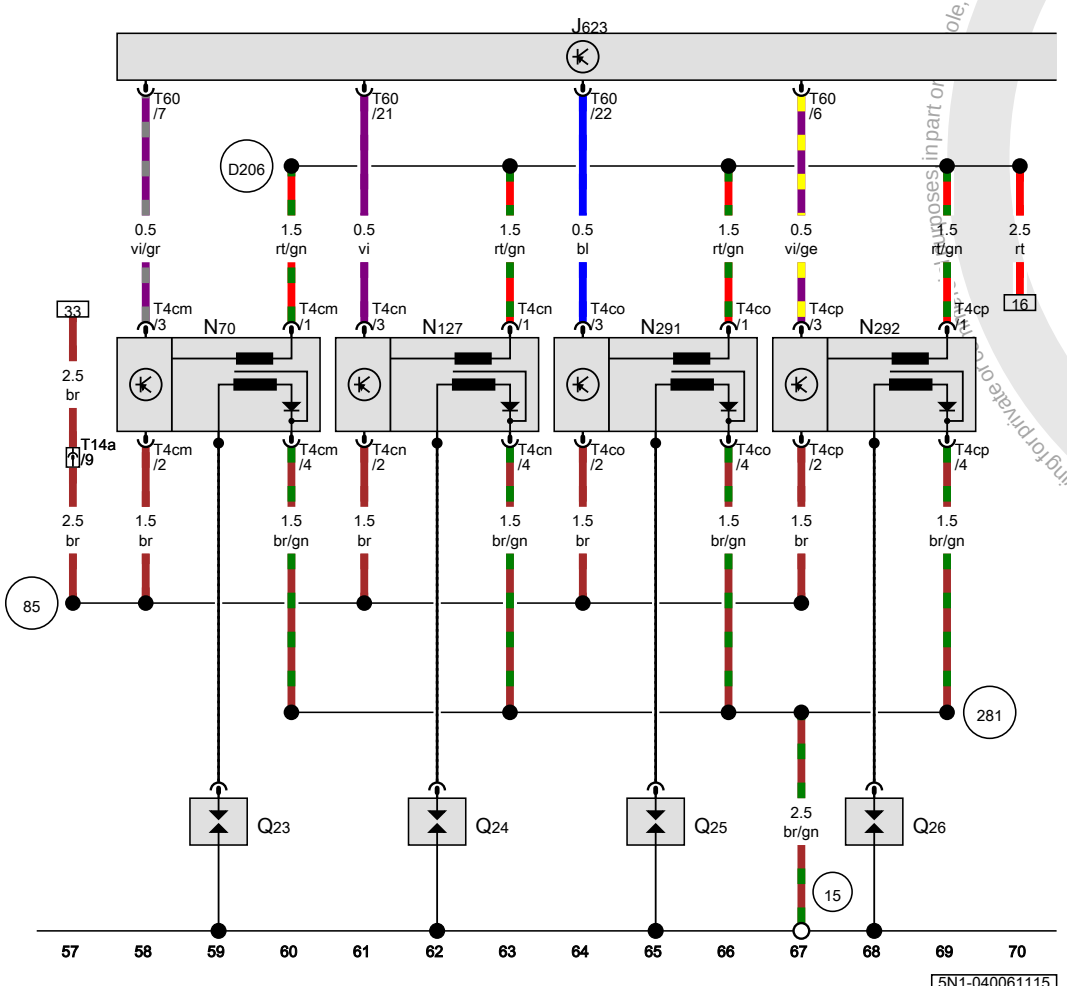
Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C

J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
T9c	9-pin connector
T9e	9-pin connector
T52b	52-pin connector
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

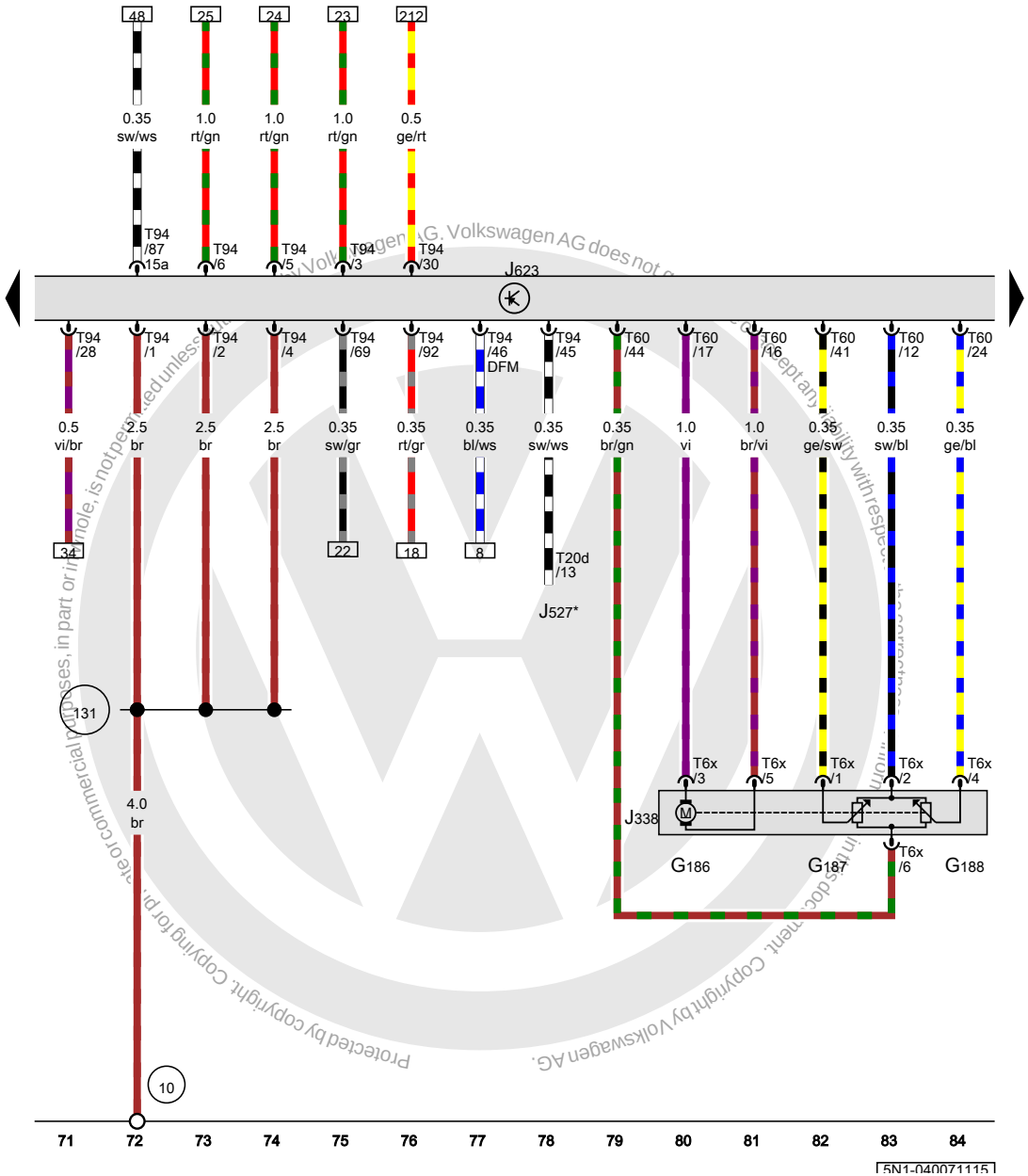
Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Throttle valve module, Engine control unit

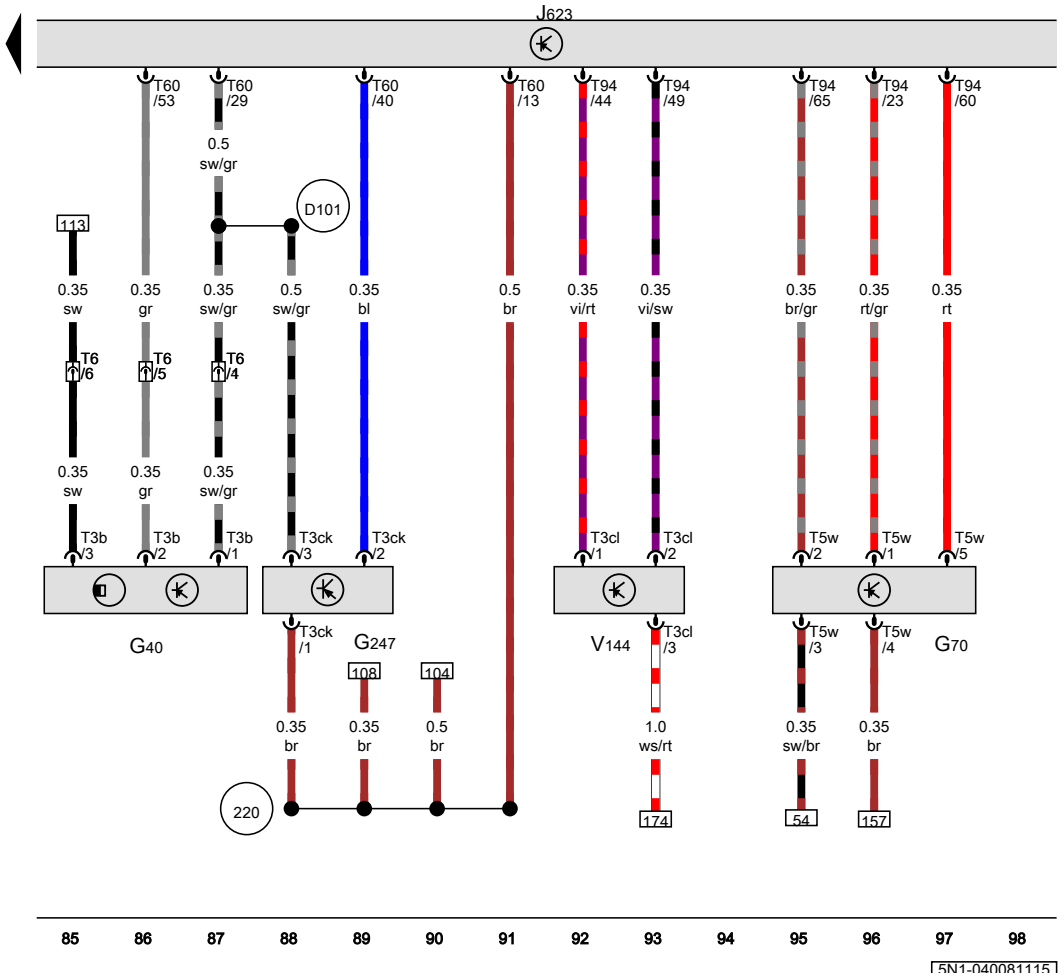
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J527	Steering column electronics control unit
J623	Engine control unit
T6x	6-pin connector
T20d	20-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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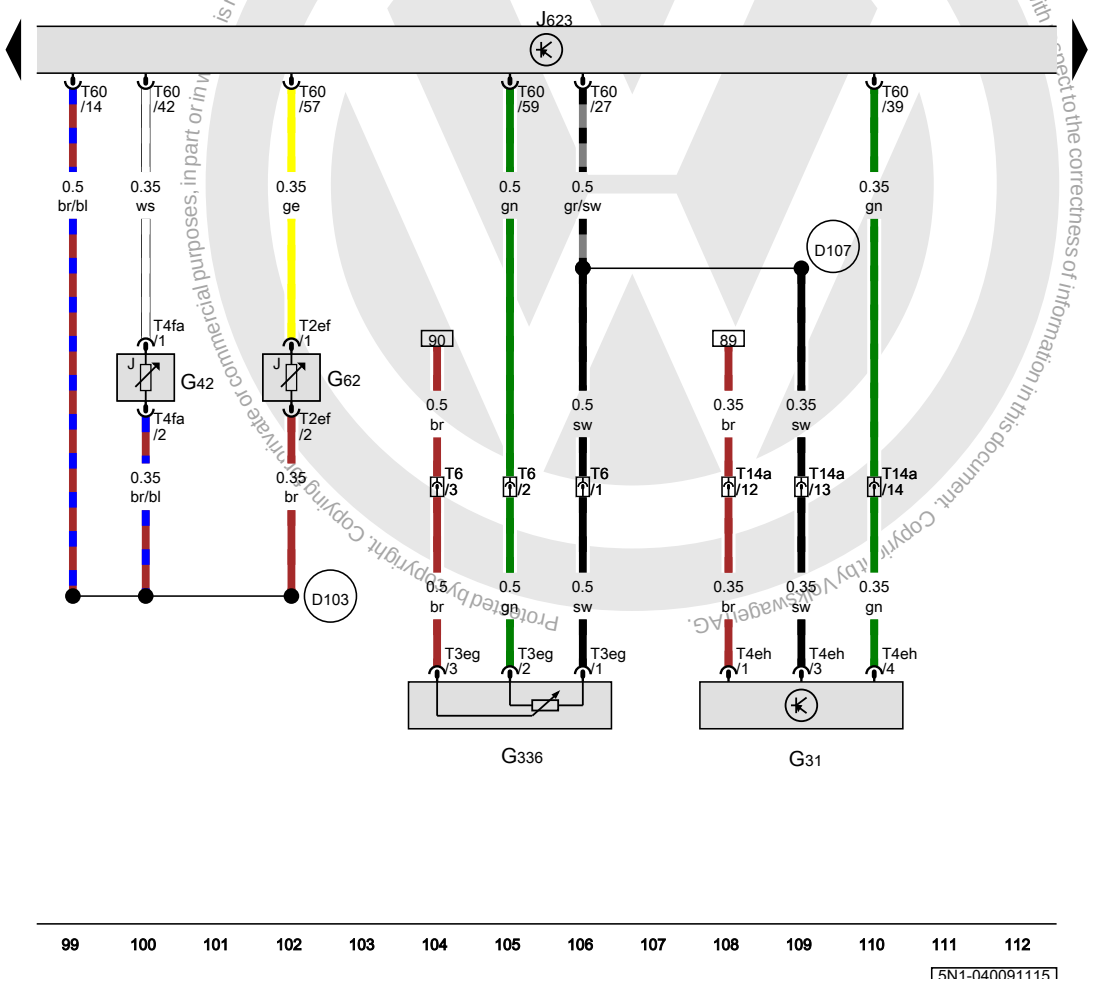
Air mass meter, Fuel pressure sender, Engine control unit

G40	Hall sender
G70	Air mass meter
G247	Fuel pressure sender
J623	Engine control unit
T3b	3-pin connector
T3ck	3-pin connector
T3cl	3-pin connector
T5w	5-pin connector
T6	6-pin connector
T60	60-pin connector
T94	94-pin connector
V144	Fuel system diagnostic pump
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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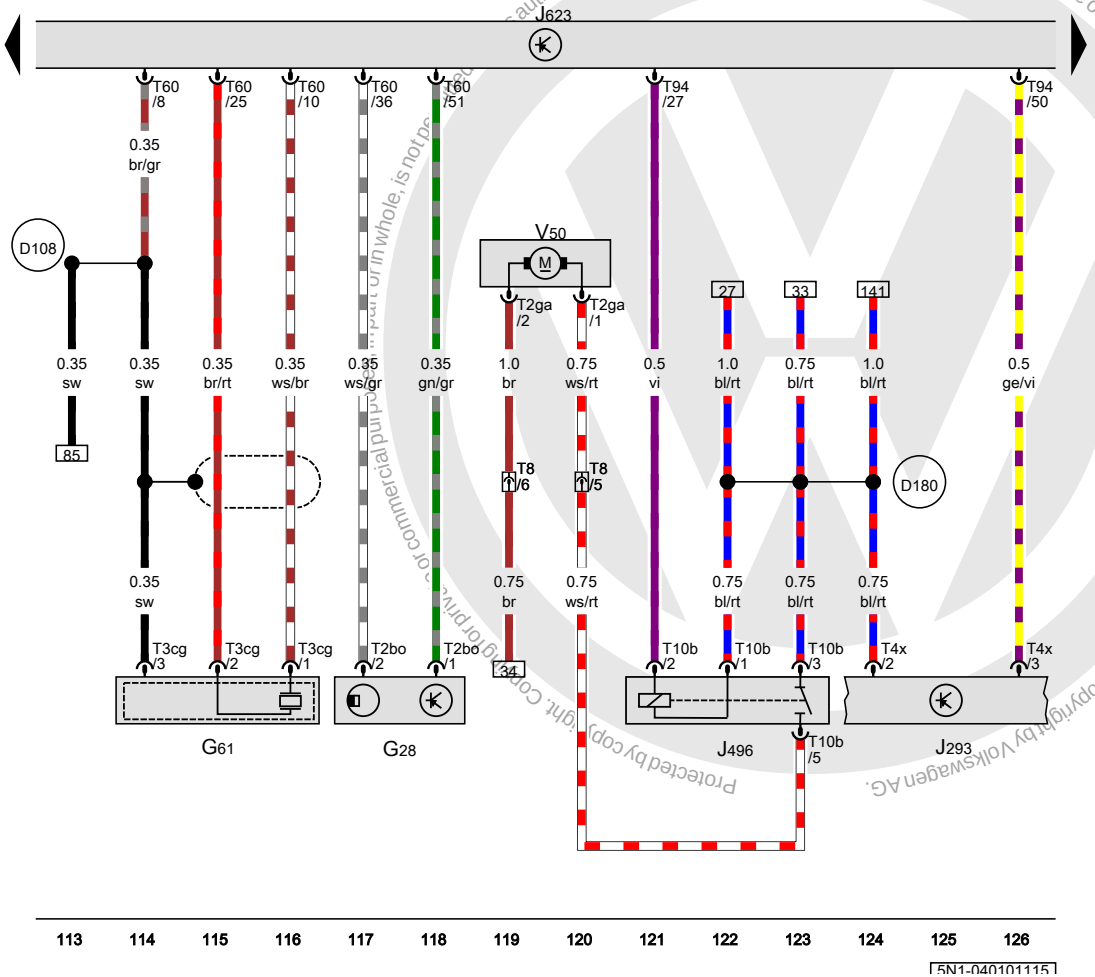


Charge pressure sender, Intake air temperature sender, Coolant temperature sender, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
T2ef	2-pin connector
T3eg	3-pin connector
T4eh	4-pin connector
T4fa	4-pin connector
T6	6-pin connector
T14a	14-pin connector
T60	60-pin connector
D103	Connection 3 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

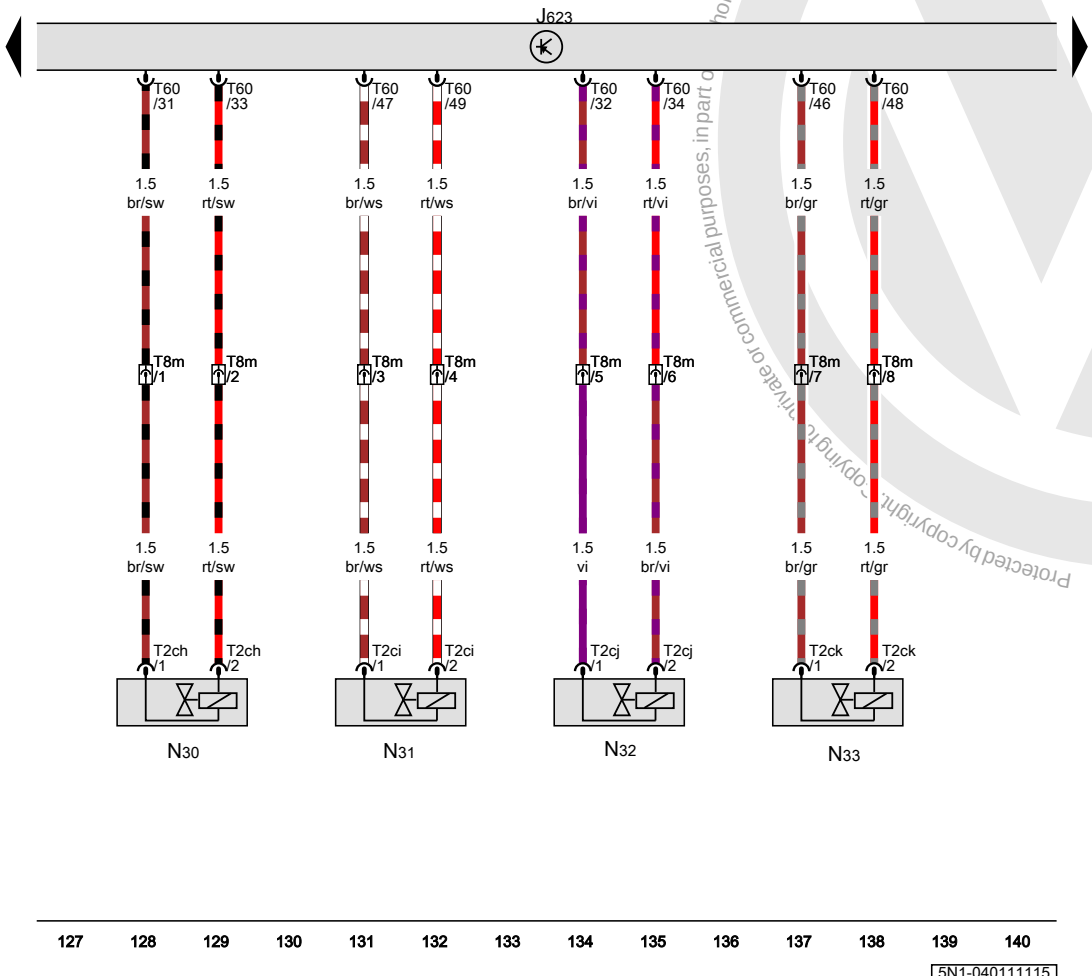
Engine speed sender, Knock sensor 1, Radiator fan control unit, Additional coolant pump relay, Engine control unit, Coolant circulation pump

G28	Engine speed sender
G61	Knock sensor 1
J293	Radiator fan control unit
J496	Additional coolant pump relay
J623	Engine control unit
T2bo	2-pin connector
T2ga	2-pin connector
T3cg	3-pin connector
T4x	4-pin connector
T8	8-pin connector
T10b	10-pin connector
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
D108	Connection 6 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness

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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T8m	8-pin connector
T60	60-pin connector

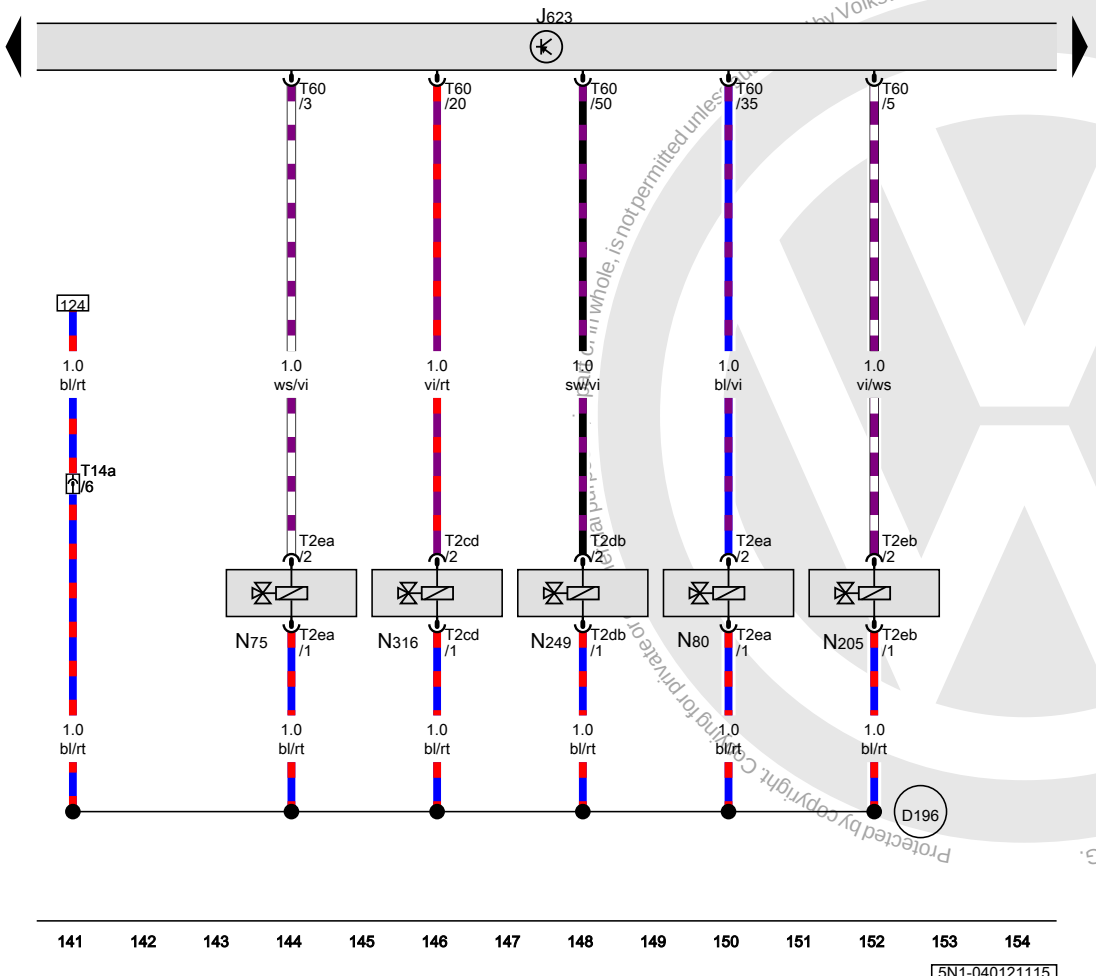


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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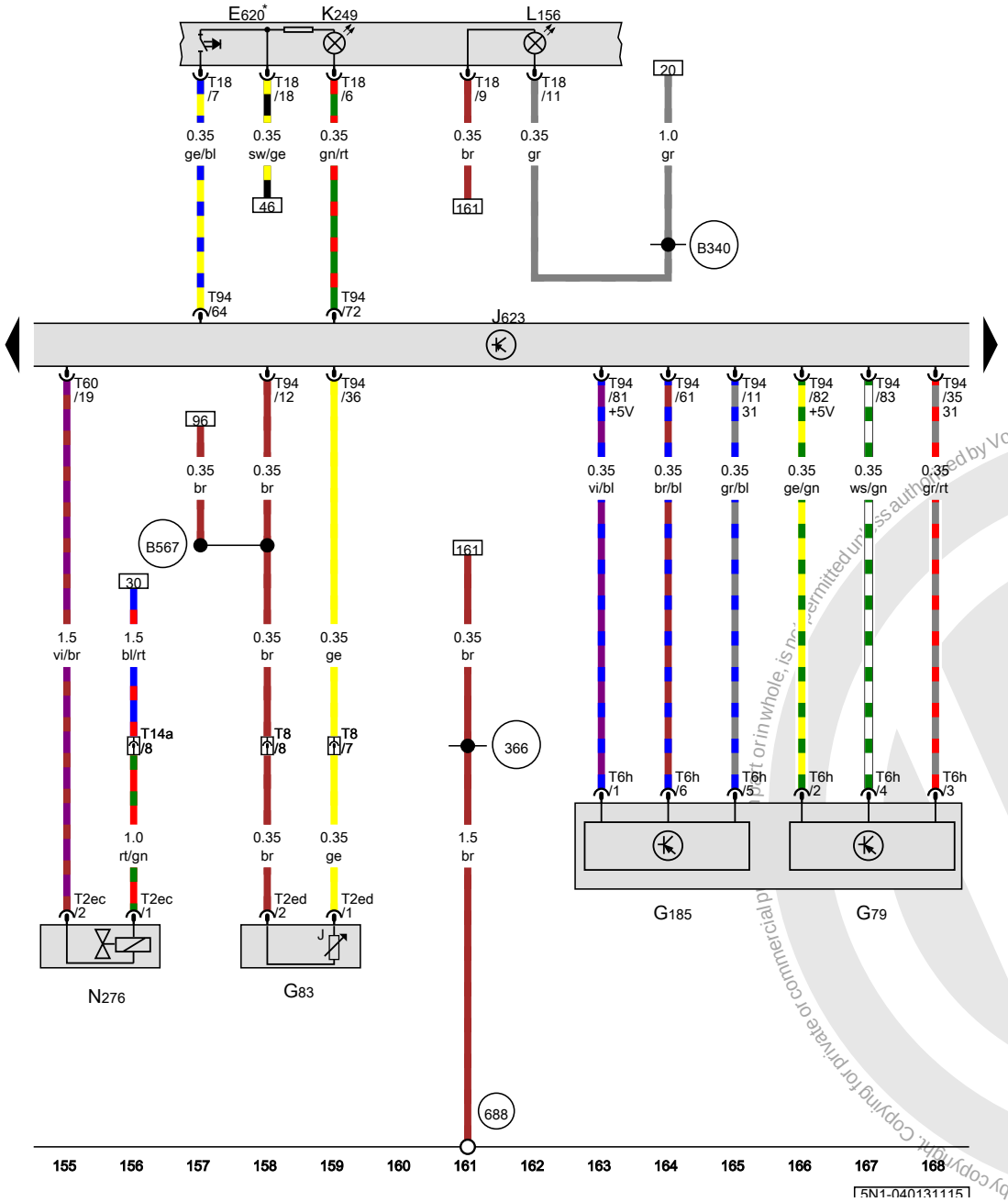
Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T2cd	2-pin connector
T2db	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T14a	14-pin connector
T60	60-pin connector
D196	Connection 2 (87a) in engine prewiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Accelerator position sender, Radiator outlet coolant temperature sender, Accelerator position sender 2, Engine control unit, Fuel pressure regulating valve

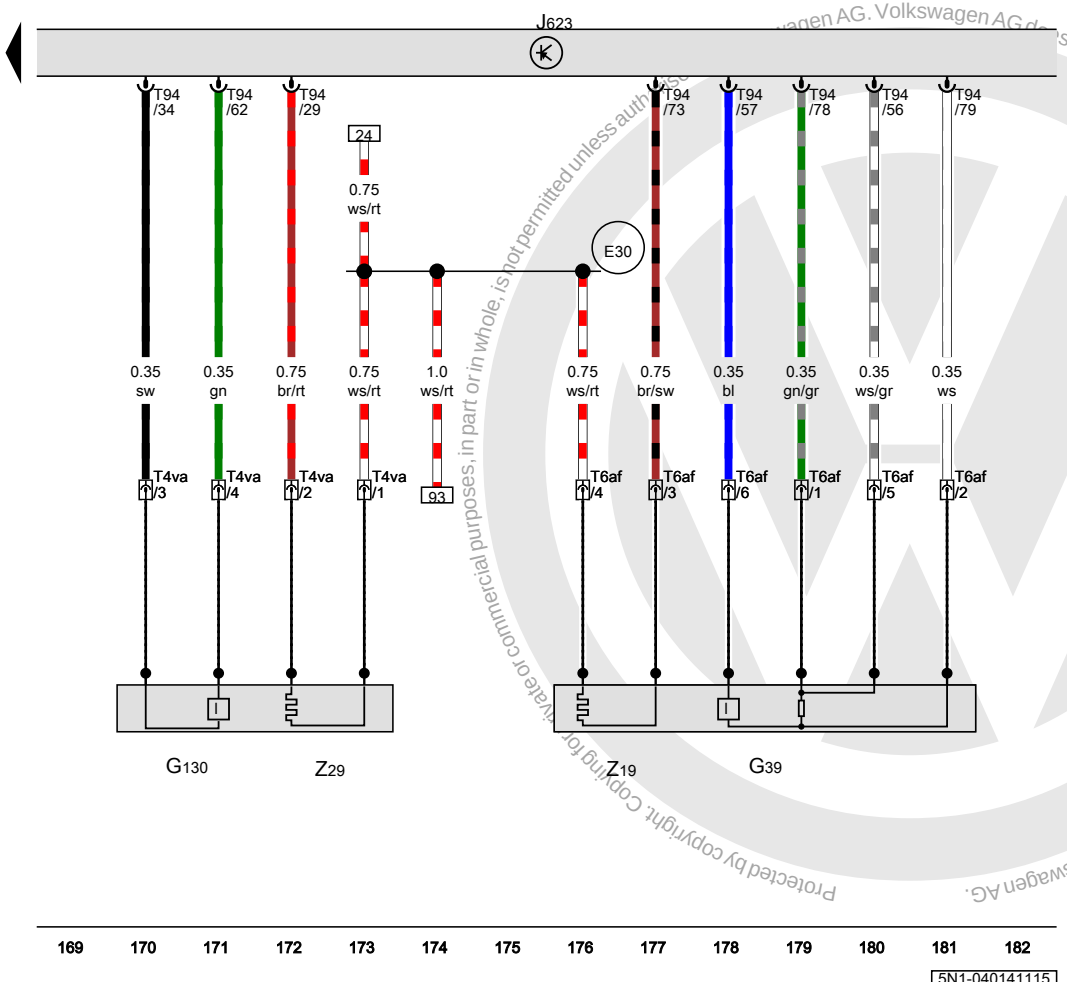
E620	Multifunction module
G79	Accelerator position sender
G83	Radiator outlet coolant temperature sender
G185	Accelerator position sender 2
J623	Engine control unit
K249	Cold engine warning light
L156	Switch illumination bulb
N276	Fuel pressure regulating valve
T2ec	2-pin connector
T2ed	2-pin connector
T6h	6-pin connector
T8	8-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
B567	Connection 34, in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Lambda probe after catalytic converter, Engine control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4va	4-pin connector
T6af	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
E30	Connection (87a), in engine wiring harness

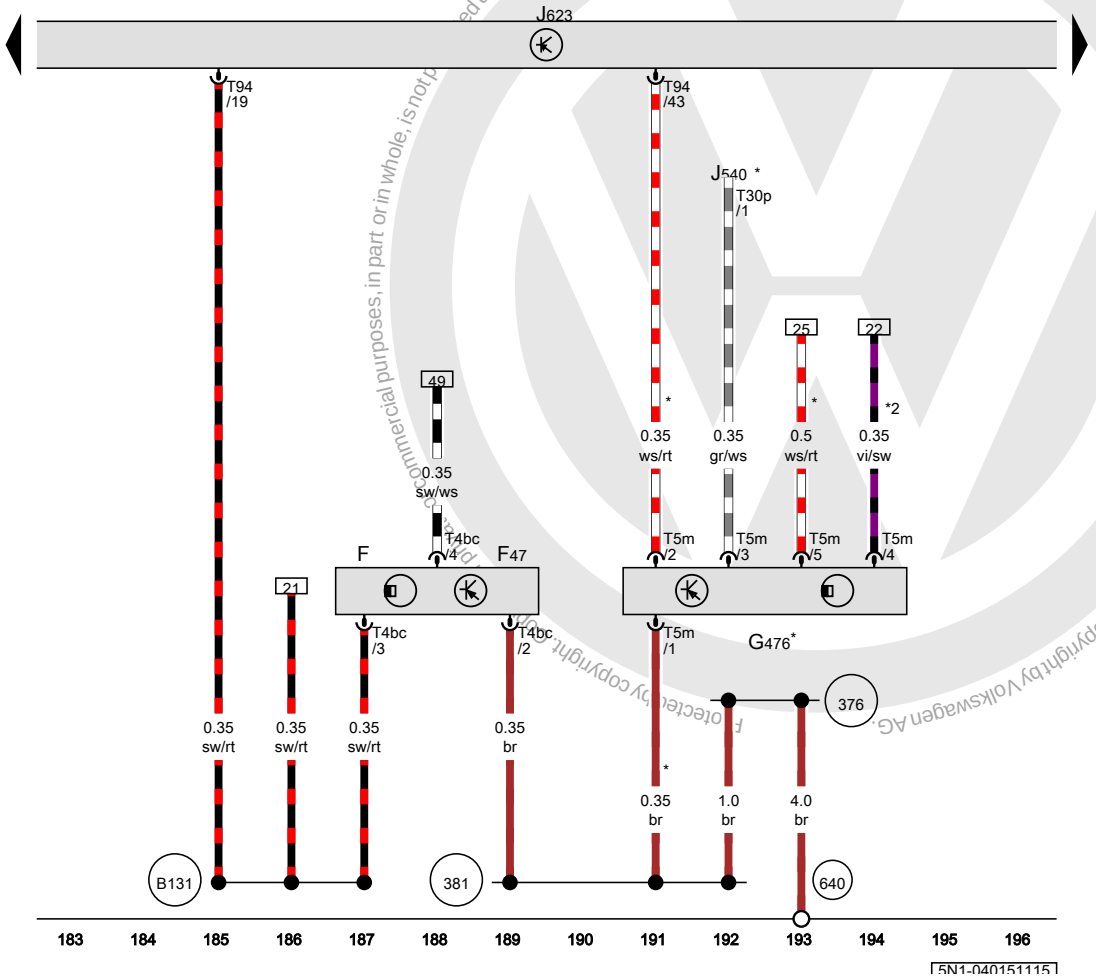


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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Brake light switch, Clutch position sender, Engine control unit

F	Brake light switch
F47	Brake pedal switch
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T4bc	4-pin connector
T5m	5-pin connector
T30p	30-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B131	Connection (54), in interior wiring harness
*	Only models with manual gearbox
*2	Only for American markets

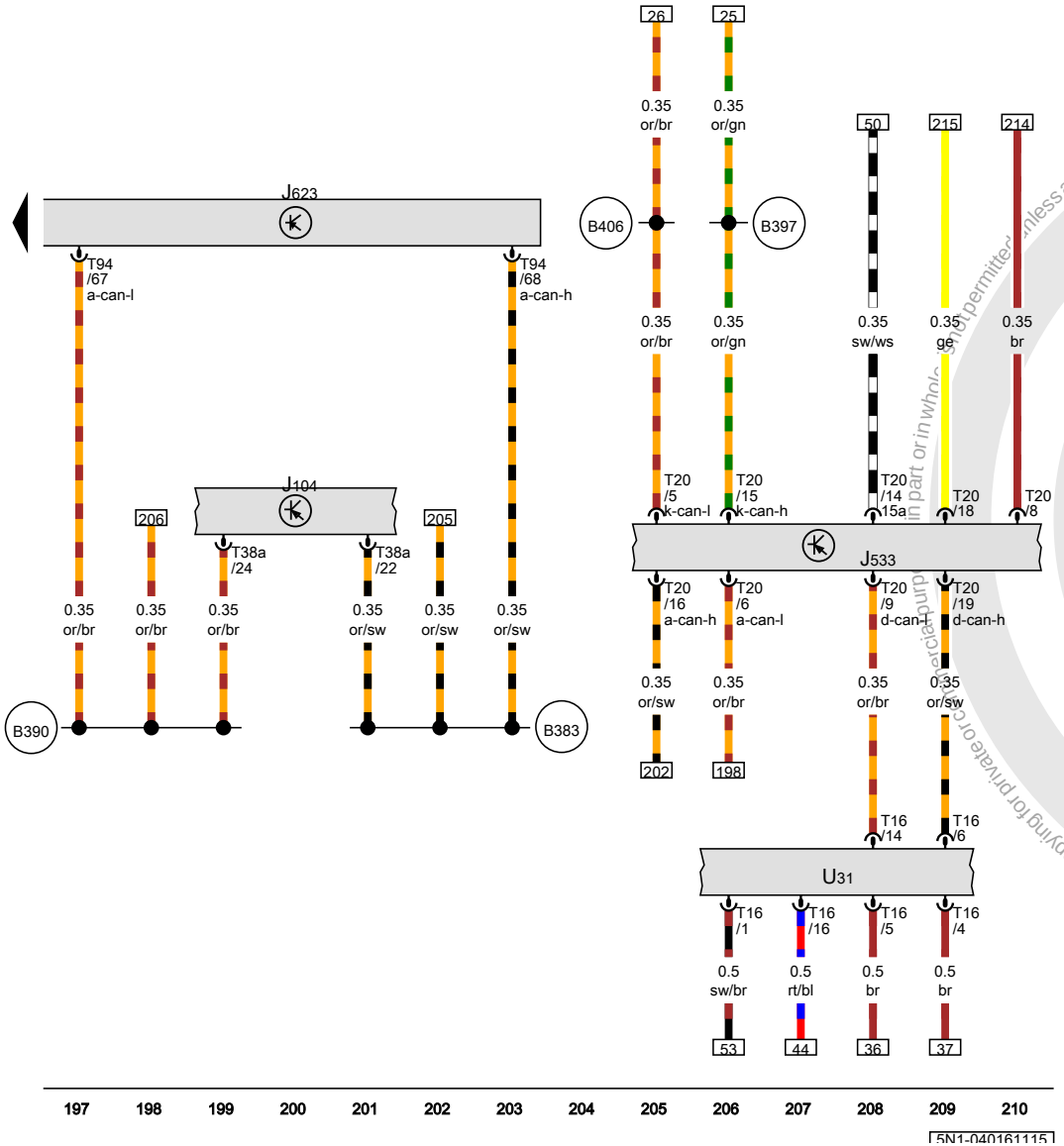


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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Data bus diagnostic interface, Engine control unit, Diagnostic connection

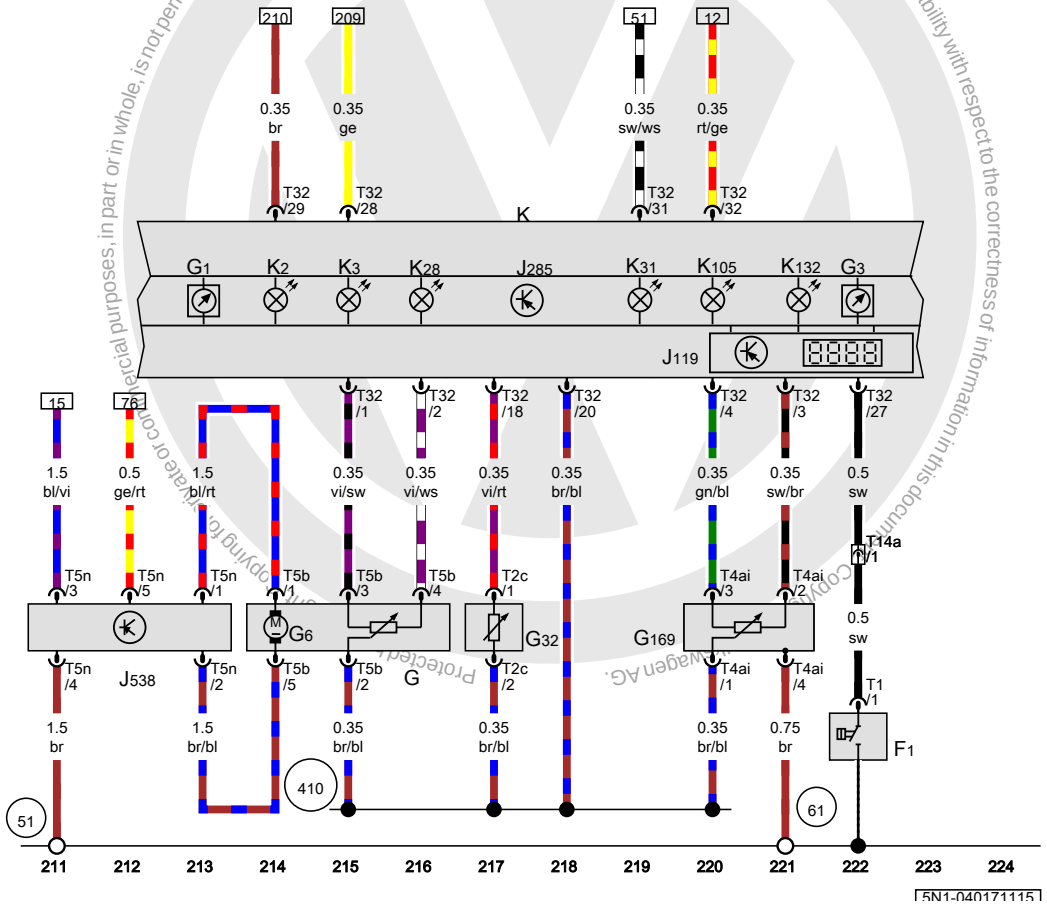
J104	ABS control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T16	16-pin connector
T20	20-pin connector
T38a	38-pin connector
T94	94-pin connector
U31	Diagnostic connection
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
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ge = yellow
or = orange
rs = pink

Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
K132	Electronic power control fault lamp
T1	Single connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness

230V socket, 115V socket (USA/Canada/Mexico), 100V socket (Japan)

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

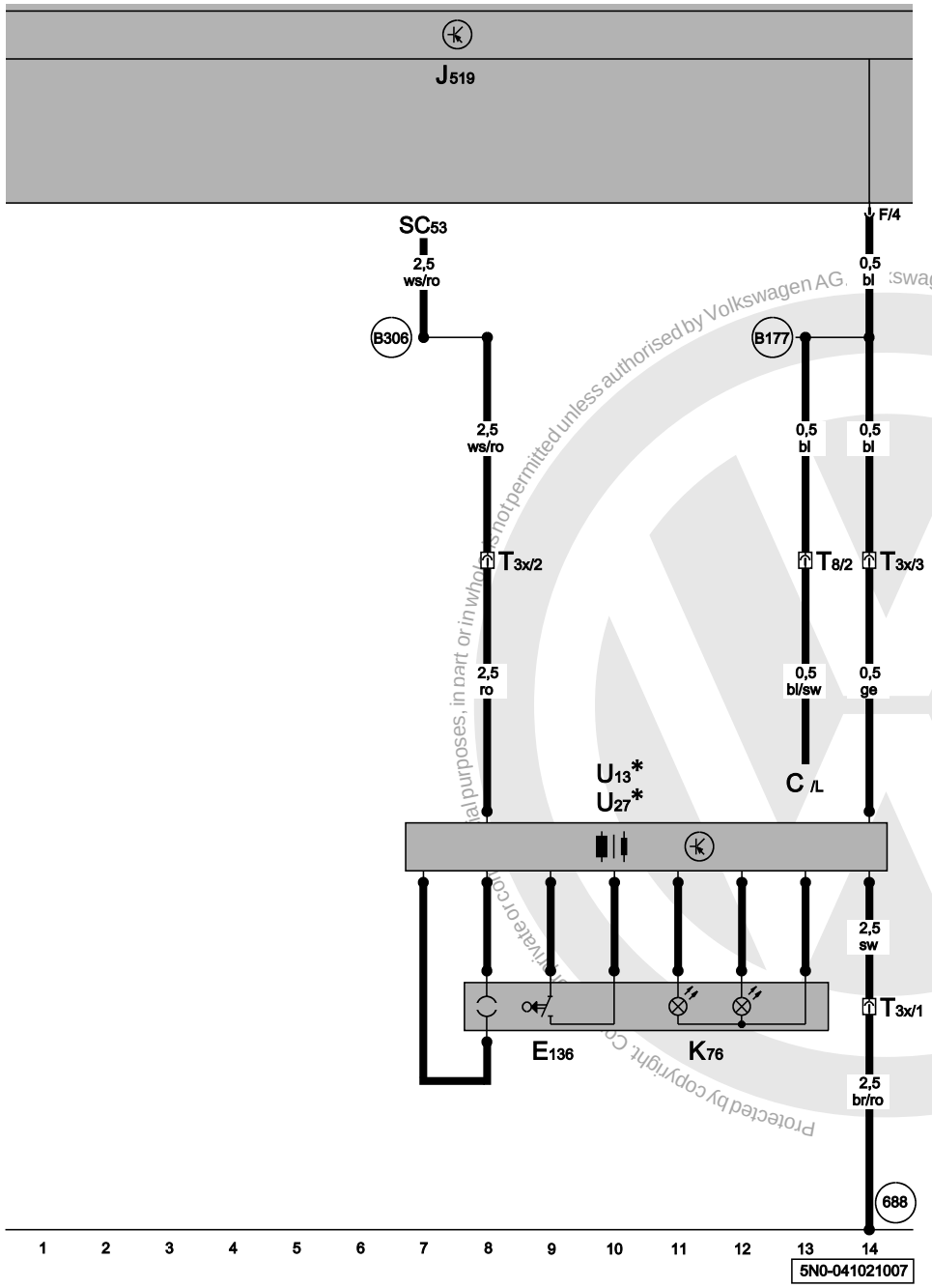
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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Electric socket warning lamp, transformer switch, transformer with 12V-115V socket, transformer with 12V-230V socket

C	Alternator
E136	Transformer switch
J519	Onboard supply control unit
K76	Electric socket warning lamp
SC53	Fuse 53 on fuse holder C
T3x	3-pin connector, black, on transformer
T8	8-pin connector, black, near starter
U13	Transformer with 12V-230V socket
U27	Transformer with 12V-115V socket
688	Earth point 2, on centre tunnel
B177	Connection (61), in interior wiring harness
B306	Positive connection 10 (30), in main wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Telephone system, preparation for universal mobile telephone (UTP) low

⇒ **Emergency call control panel**

From November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

⇒ Overview of Fitting Locations!

For information concerning

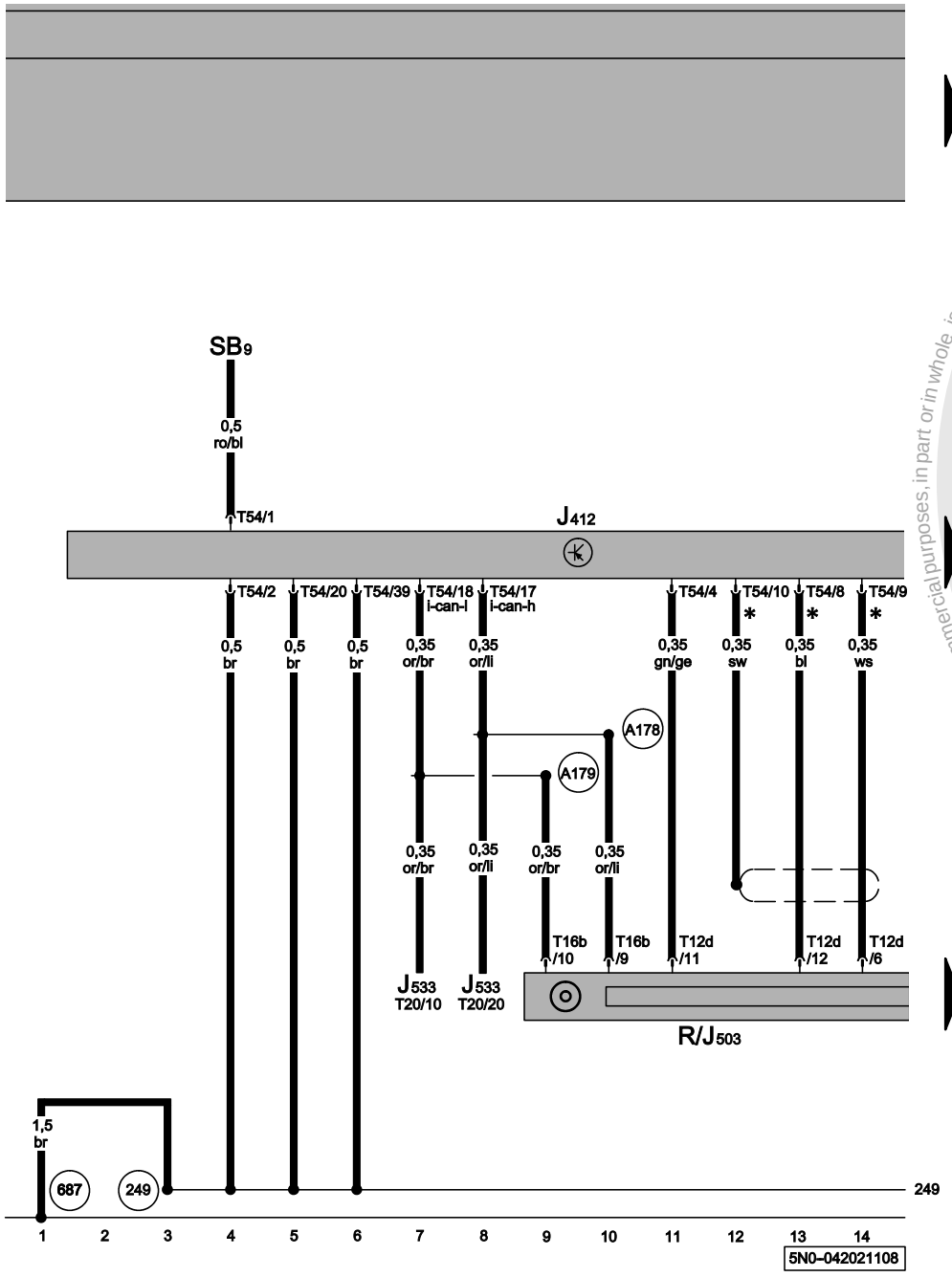
- Fault Finding Programs

⇒ Guided Fault Finding

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Mobile telephone operating electronics control unit, radio, control unit with display for radio and navigation system

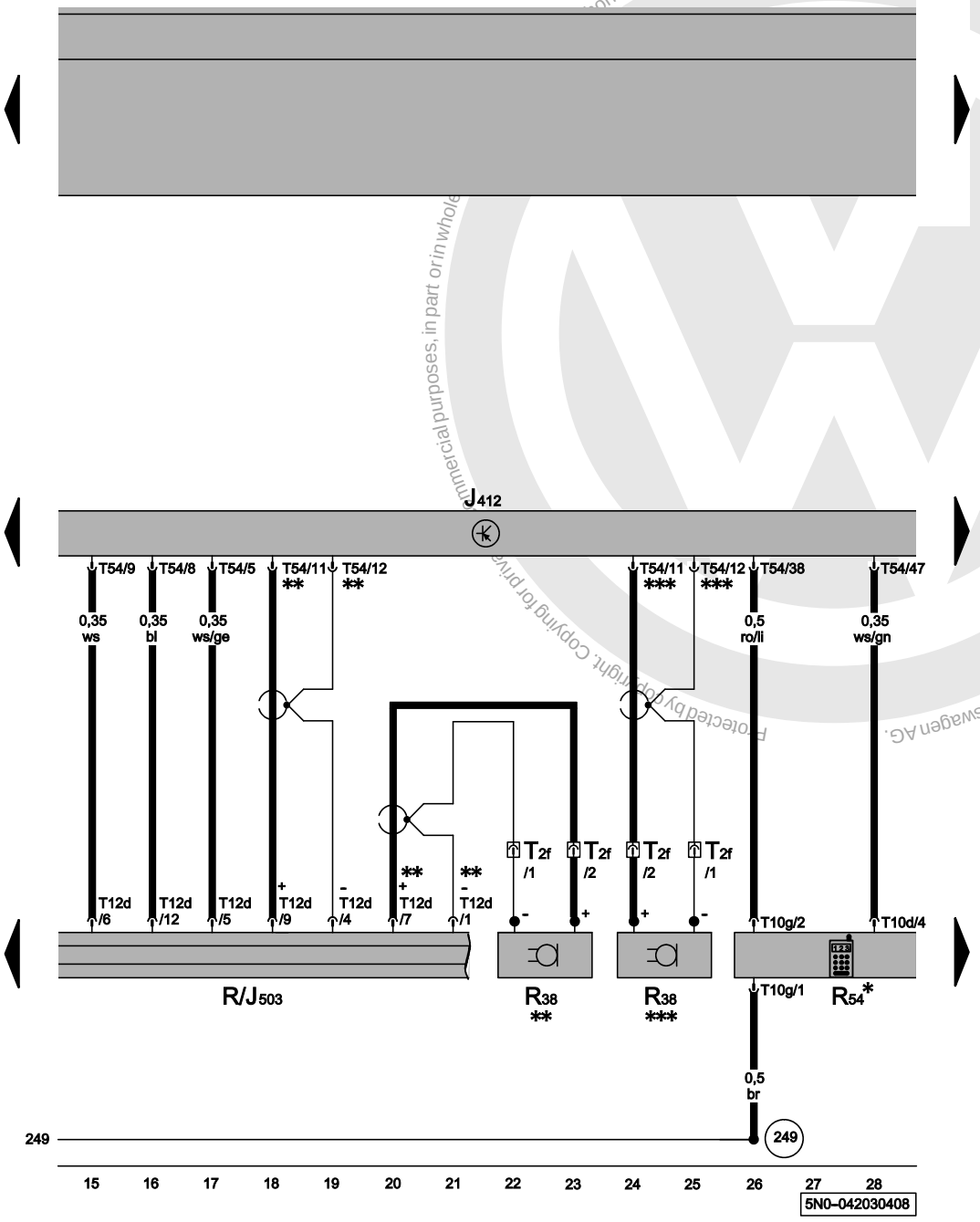
J412	Mobile telephone operating electronics control unit, in front right footwell
J503	Control unit with display for radio and navigation
J533	Data bus diagnosis interface
R	Radio
SB9	Fuse 9 on fuse holder B
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
249	Earth connection 2, in interior wiring harness
687	Earth point 1 on centre tunnel
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Up to May 2008



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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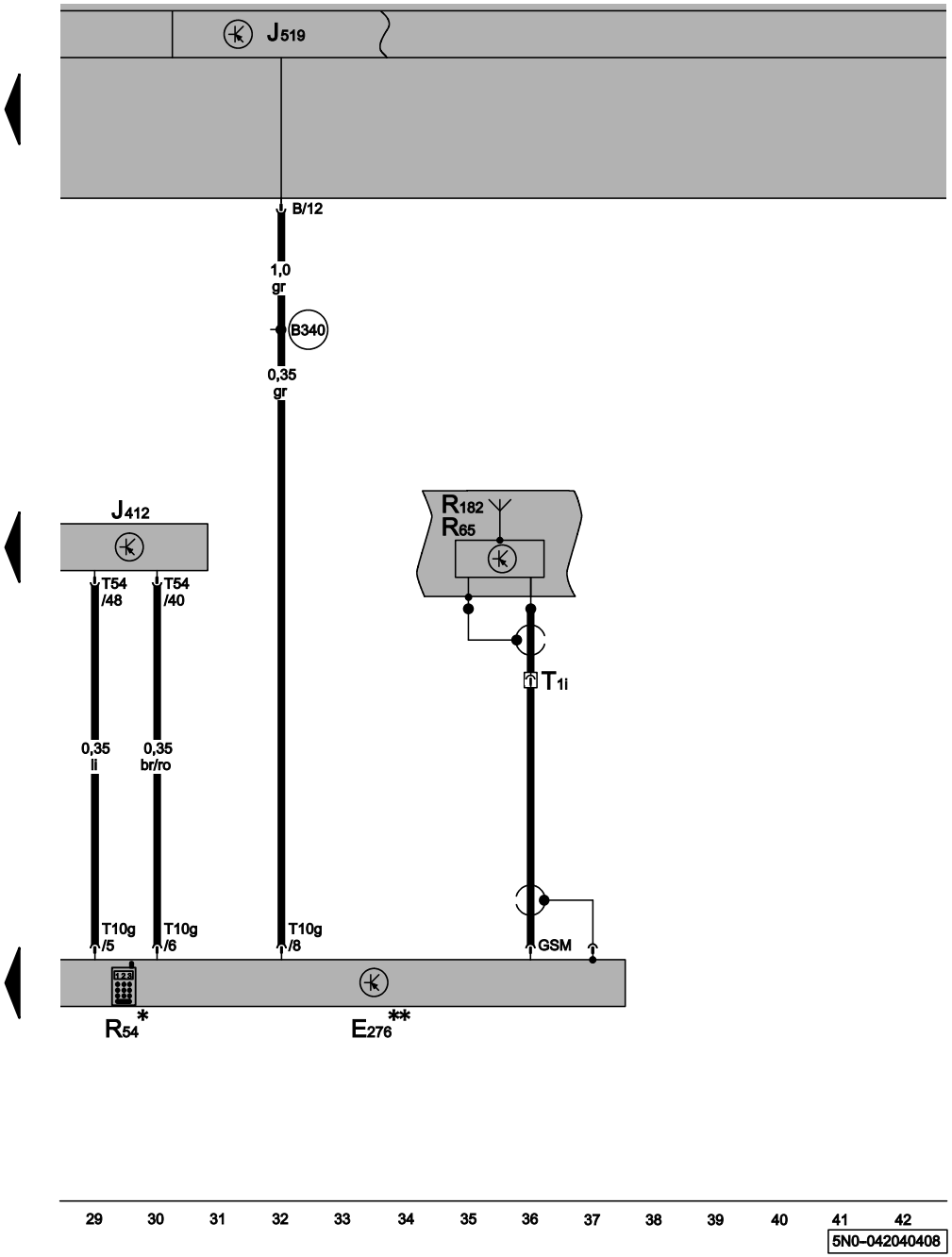


Telephone microphone, mobile telephone, radio, control unit for mobile telephone operating, control unit with display for radio and navigation system

J412	Mobile telephone operating electronics control unit, in front right footwell
J503	Control unit with display for radio and navigation
R	Radio
R38	Telephone microphone
R54	Mobile telephone
T2f	2-pin connector, black
T10g	10-pin connector, black
T12d	12-pin connector, green
T54	54-pin connector
249	Earth connection 2, in interior wiring harness

* Component not included in preparation for telephone
** Only models with radio navigation system
*** Only models with no radio navigation system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Aerials, mobile telephone, mobile telephone operating electronics control unit, emergency call button

E276	Emergency assistance call button
J412	Mobile telephone operating electronics control unit, in front right footwell
J519	Onboard supply control unit
R54	Mobile telephone
R65	Telephone aerial
R182	Auxiliary heater aerial
T1i	Single connector
T10g	10-pin connector, black
T54	54-pin connector
B340	Connection 1 (58d), in main wiring harness
*	Component not included in preparation for telephone
**	Depends on equipment

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gn	=	green
bl	=	blue
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li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Telephone system, preparation for universal mobile telephone (UTP) Premium

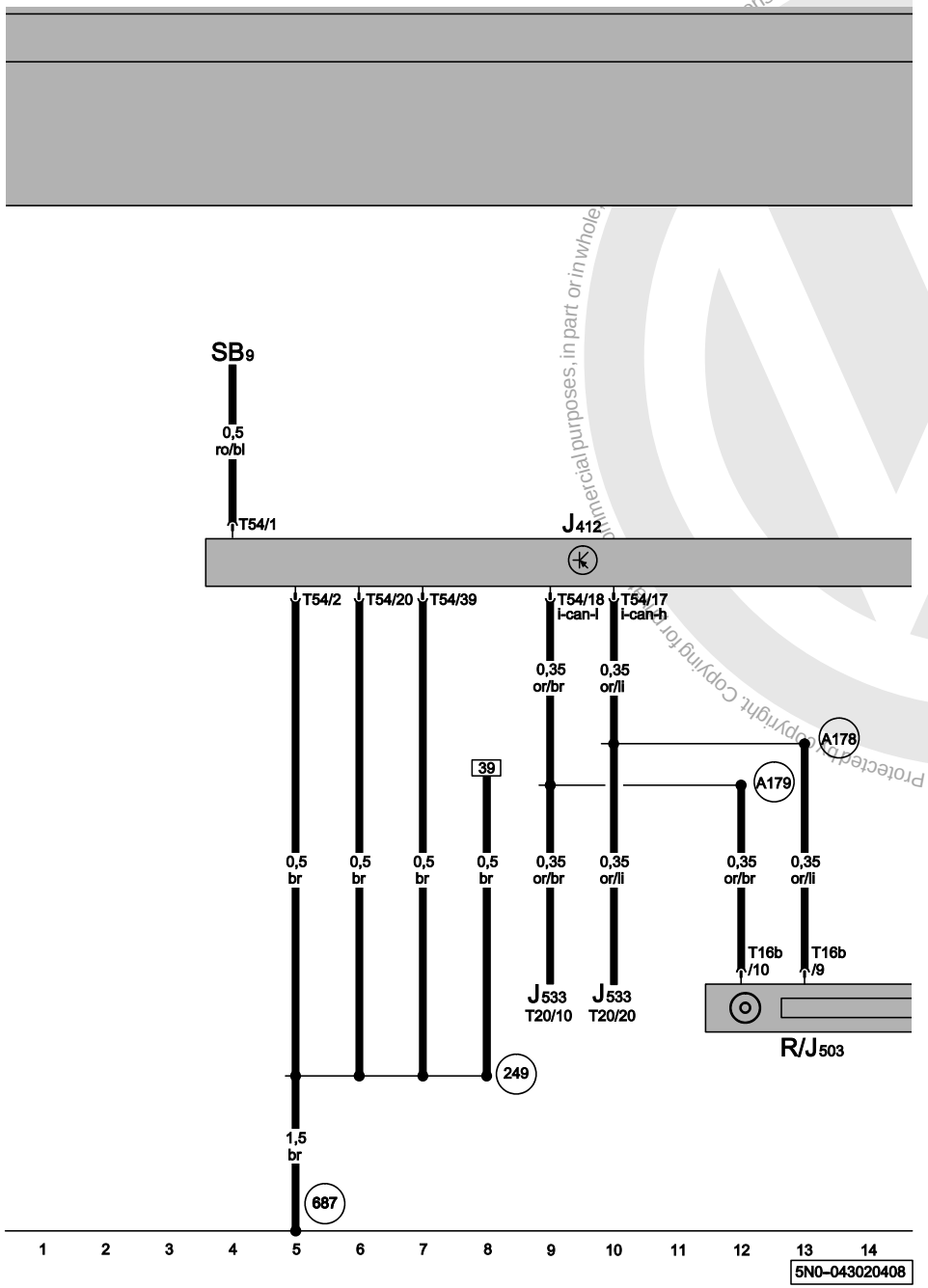
⇒ **Emergency call control panel**
from November 2007

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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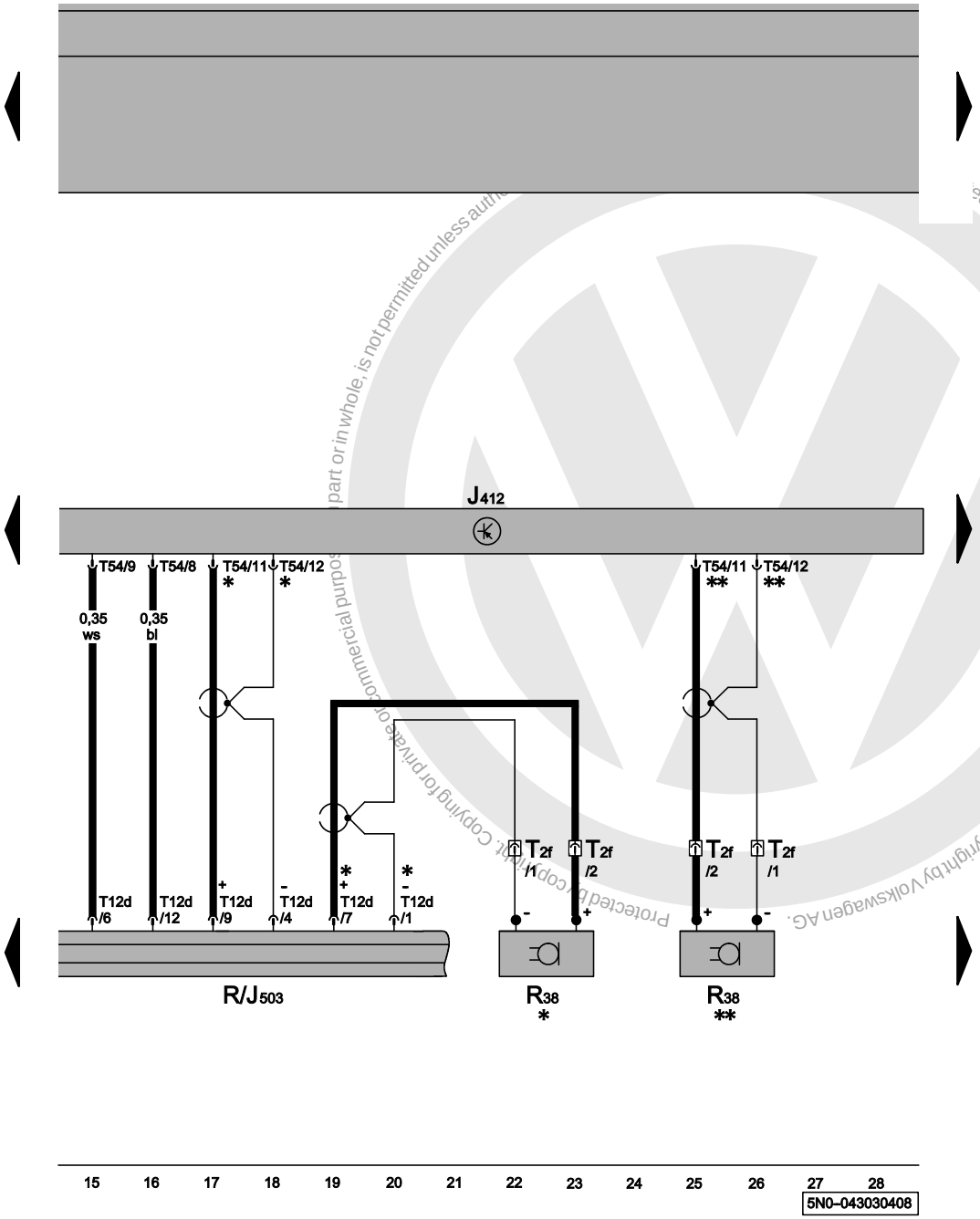


Mobile telephone operating electronics control unit, radio, control unit with display for radio and navigation system

J412	Mobile telephone operating electronics control unit, in front right footwell
J503	Control unit with display for radio and navigation
J533	Data bus diagnosis interface
R	Radio
SB9	Fuse 9 on fuse holder B
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
249	Earth connection 2, in interior wiring harness
687	Earth point 1, on centre tunnel
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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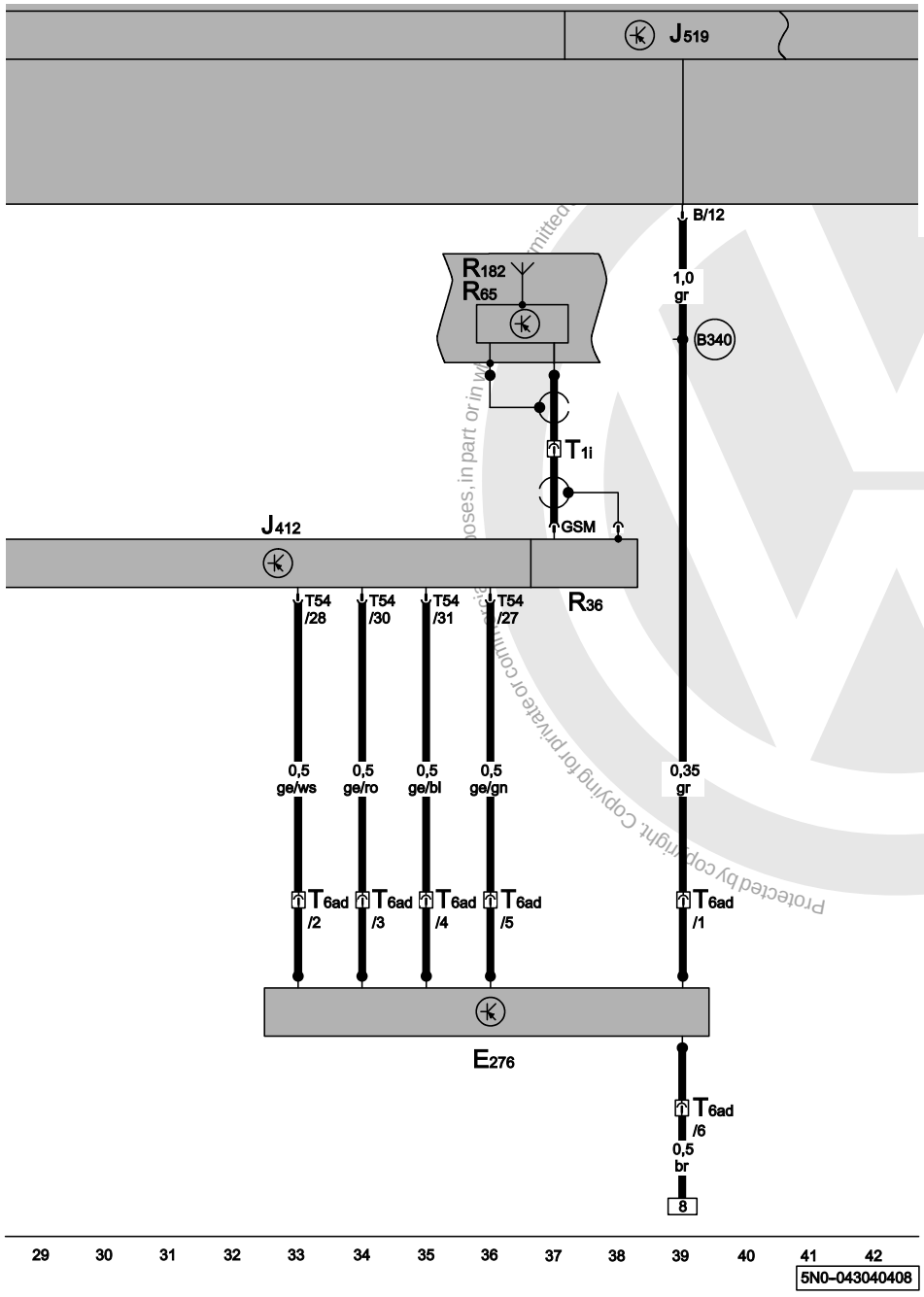


Telephone microphone, radio, control unit for mobile telephone operating, control unit with display for radio and navigation system

J412	Mobile telephone operating electronics control unit, in front right footwell
J503	Control unit with display for radio and navigation
R	Radio
R38	Telephone microphone
T2f	2-pin connector, black
T12d	12-pin connector, green
T54	54-pin connector
(249)	Earth connection 2, in interior wiring harness
*	Only models with radio navigation system
**	Only models with no radio navigation system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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Aerials, telephone transmitter and receiver unit, mobile telephone operating electronics control unit, emergency call button

E276	Emergency assistance call button
J412	Mobile telephone operating electronics control unit, in front right footwell
J519	Onboard supply control unit
R36	Telephone transmitter and receiver unit
R65	Telephone aerial
R182	Auxiliary heater aerial
T1i	Single connector
T6ad	6-pin connector
T10g	10-pin connector, black
B340	Connection 1 (58d), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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Multimedia socket MEDIA IN

From November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

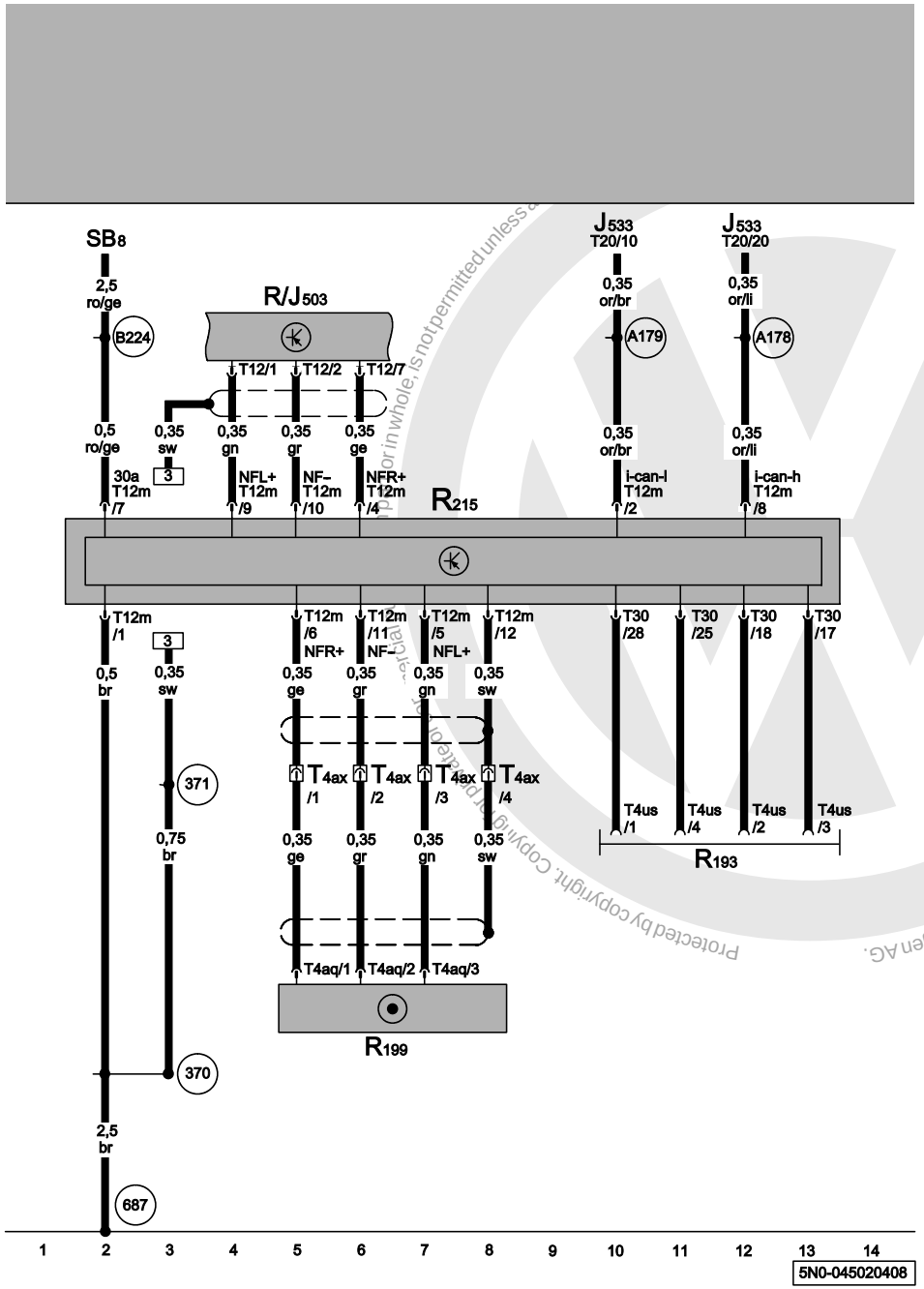
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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Connector for external audio sources, multimedia control unit

J503	Control unit with display for radio and navigation
J533	Data bus diagnosis interface
R	Radio
R193	USB connection holder
R199	Connection for external audio sources
R215	Interface for external multimedia unit
SB8	Fuse 8 on fuse holder B
T4aq	4-pin connector
T4ax	4-pin connector
T4us	4-pin connector
T12	12-pin connector
T12m	12-pin connector
T20	20-pin connector, red
T30	30-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1 on centre tunnel
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B224	Connection 1 (radio), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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Radio - RCD 500/510

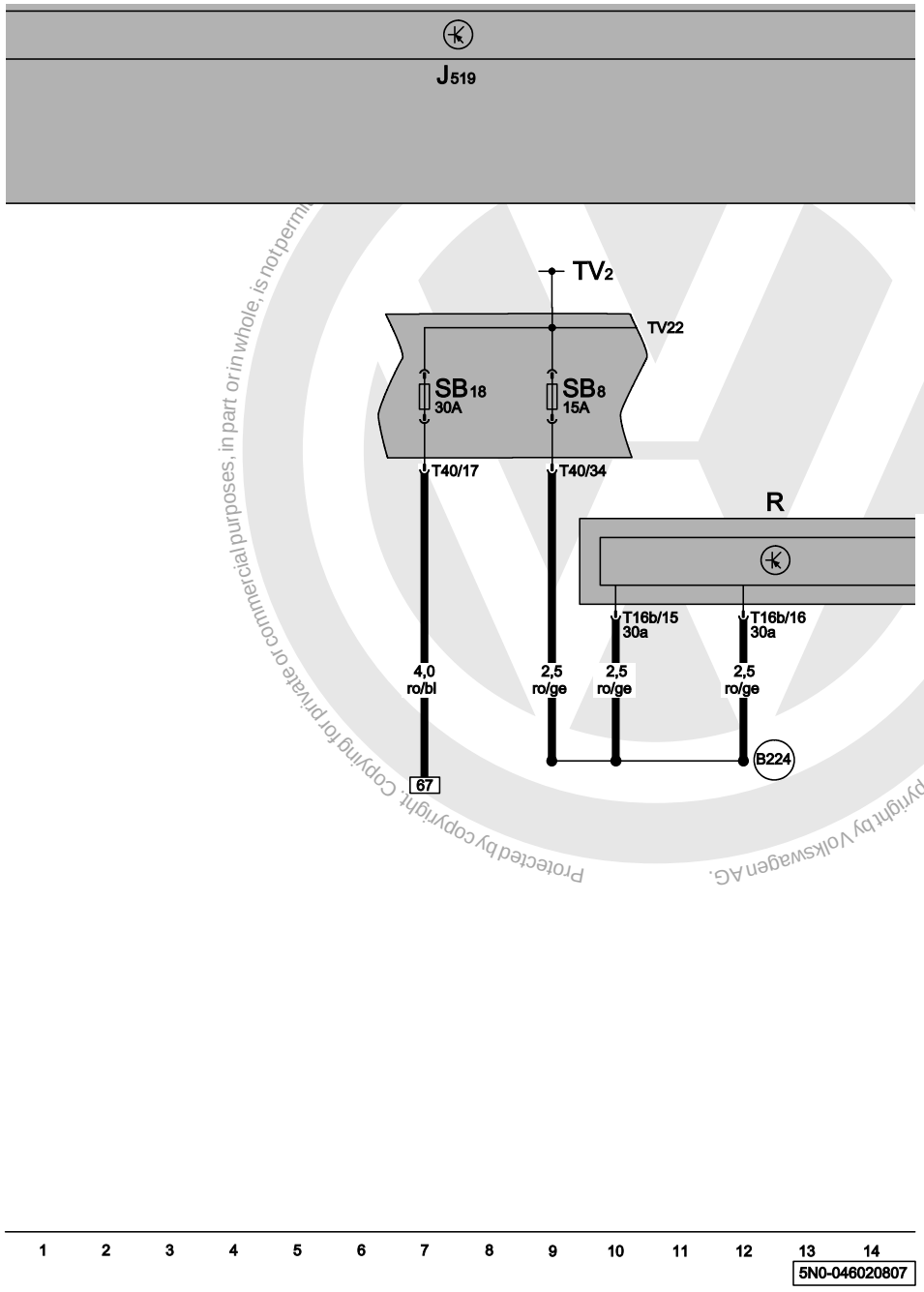
⇒ **Sound system Dynaudio**
⇒ **Connection for external audio sources**
⇒ **CD changer**
from November 2007

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

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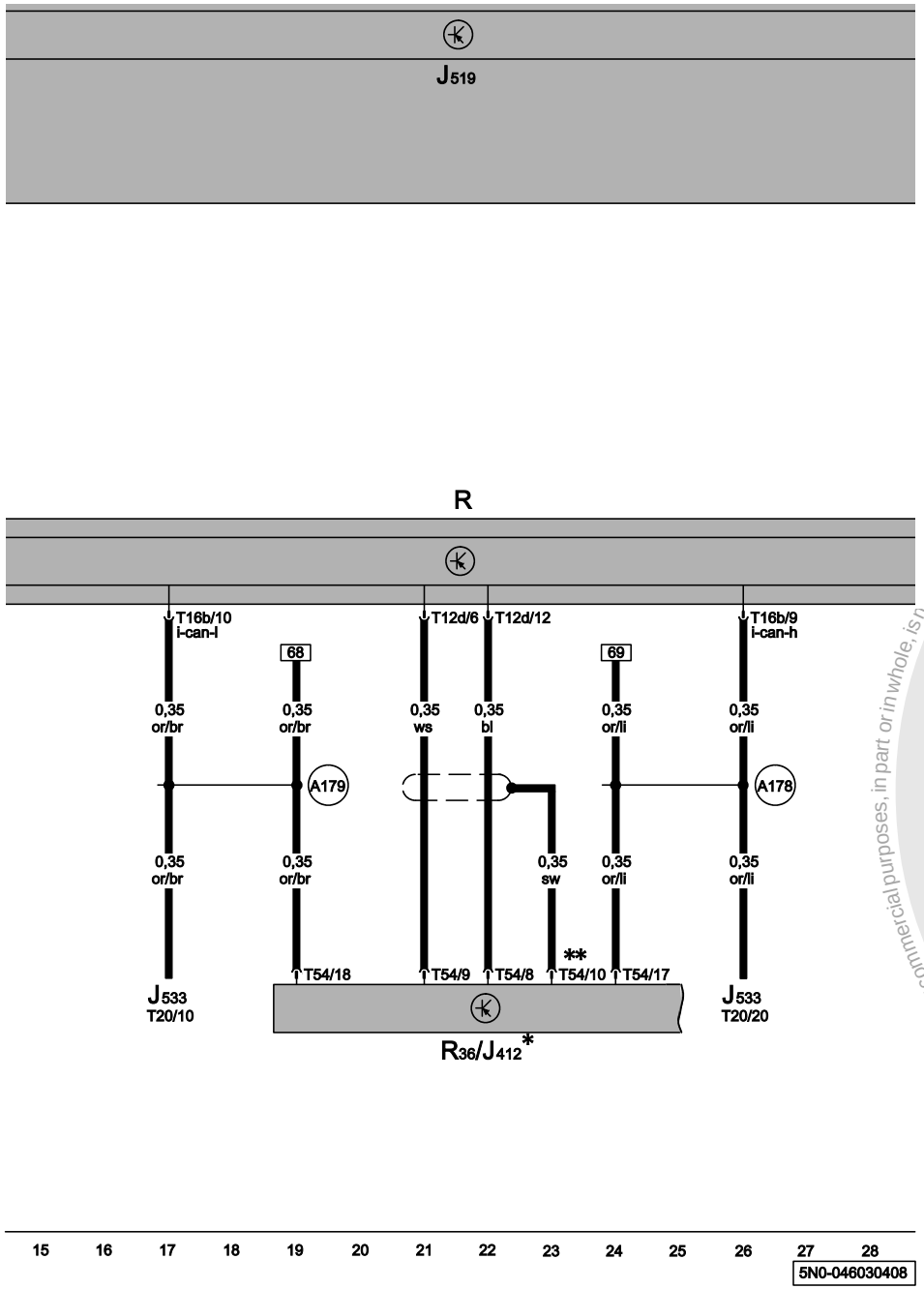


Radio, fuses

J519	Onboard supply control unit
R	Radio
SB8	Fuse 8 on fuse holder B
SB18	Fuse 18 on fuse holder B
T16b	16-pin connector, black
T40	40-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30a wiring junction 2
B224	Connection 1 (radio), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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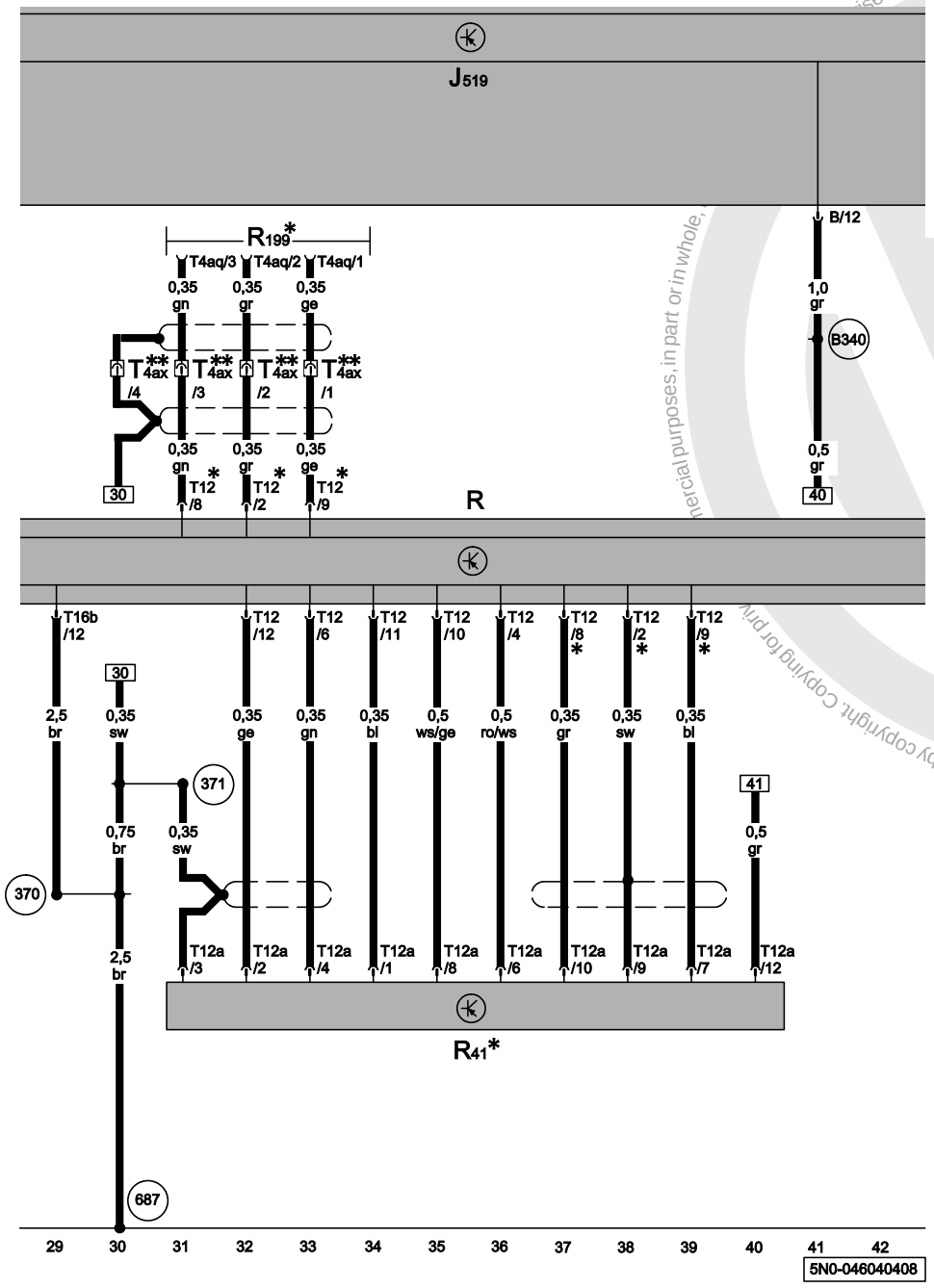
Radio, telephone transmitter and receiver unit, control unit for mobile telephone operating electronics

J412	Control unit for mobile telephone operating electronics
J519	Onboard supply control unit
J533	Data bus diagnosis interface
R	Radio
R36	Telephone transmitter and receiver unit
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Depends on equipment
**	Up to May 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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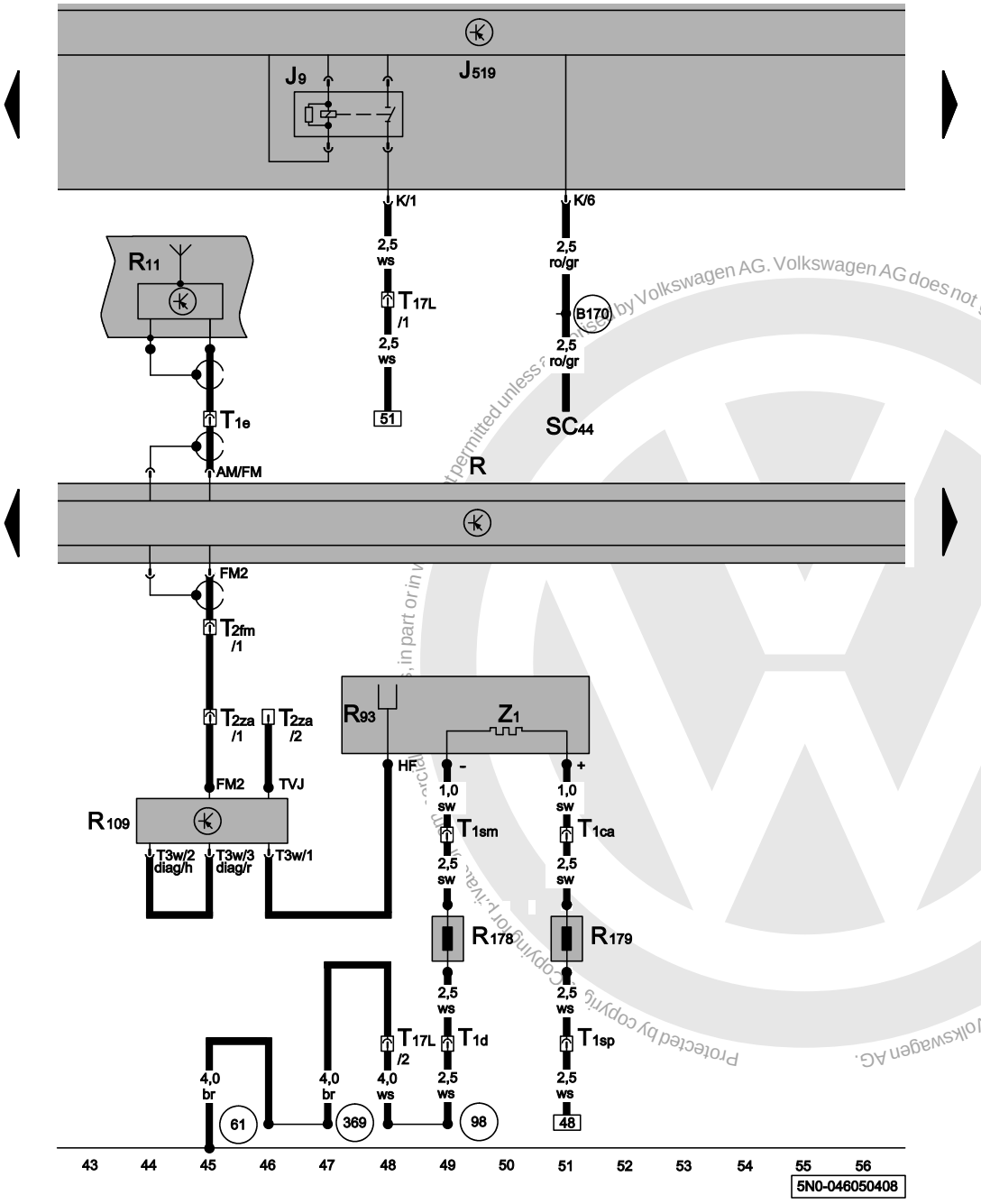
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Connection for external audio sources, CD changer, radio

J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
T4aq	4-pin connector, black
T4ax	4-pin connector, white
T12	12-pin connector, blue
T12a	12-pin connector, black
T16b	16-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
*	Depends on equipment
**	Only models with centre armrest

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

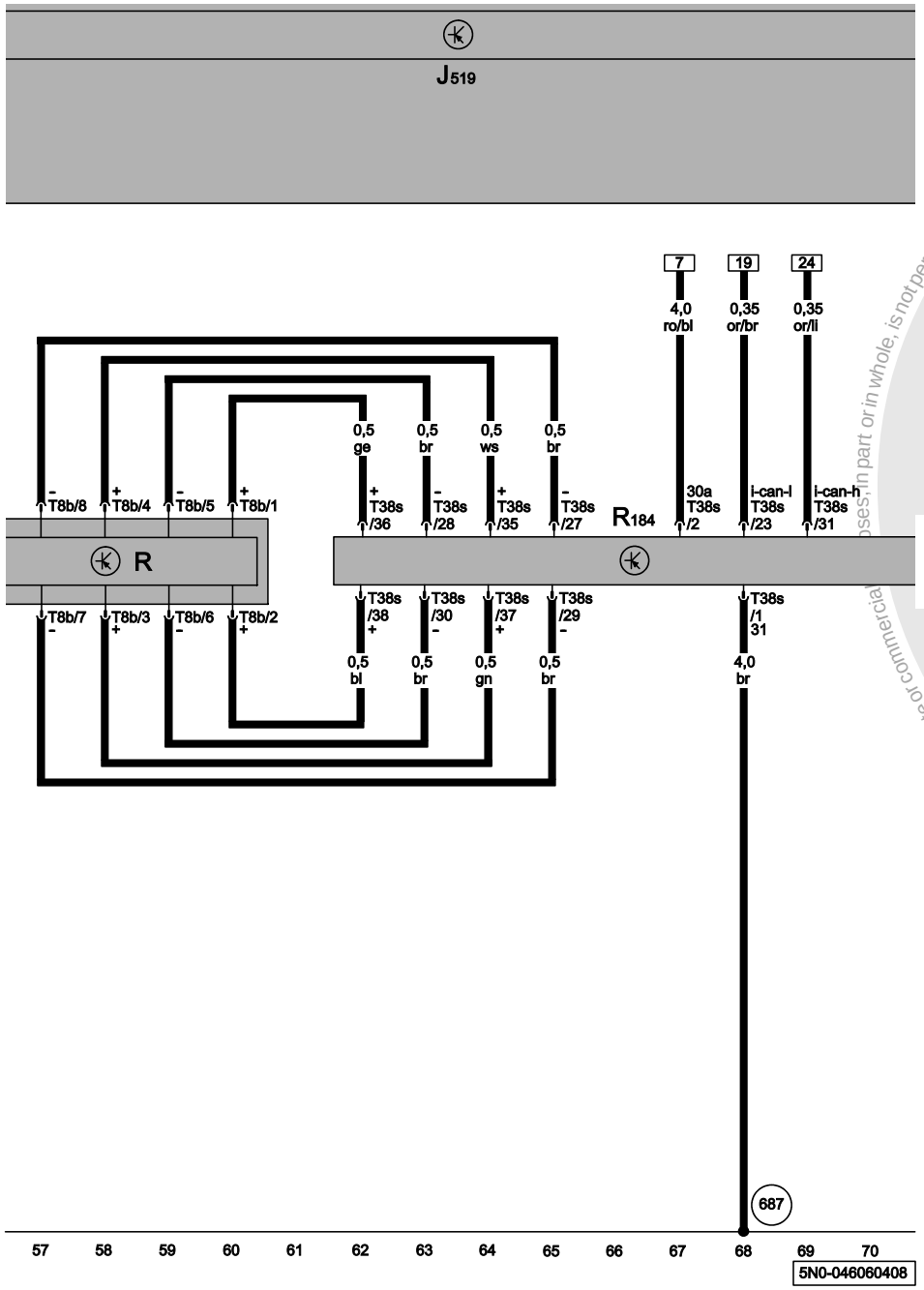


Aerials, aerial module, heated rear window, frequency filter for frequency modulation (FM), radio, heated rear window relay

J9	Heated rear window relay
J519	Onboard supply control unit
R	Radio
R11	Aerial
R93	Radio aerial 2
R109	Right aerial module (impedance converter)
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
SC44	Fuse 44 on fuse holder C
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T17L	17-pin connector, black
Z1	Heated rear window
61	Earth point, on left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
B170	Positive connection 2 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio, digital sound package amplifier

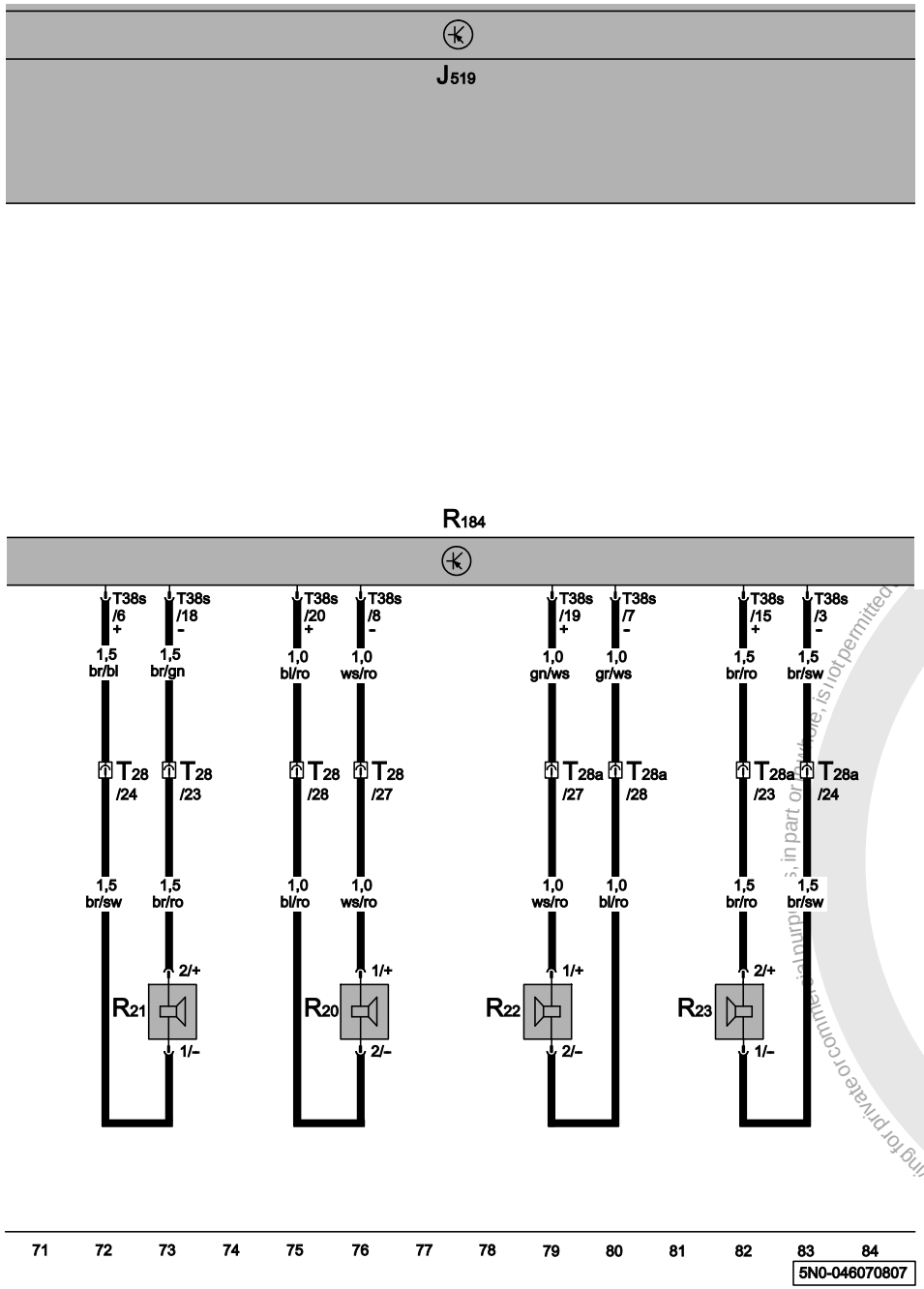
J519	Onboard supply control unit
R	Radio
R184	Digital sound package amplifier
T8b	8-pin connector, brown
T38s	38-pin connector
687	Earth point 2, on centre tunnel

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Front loudspeaker, digital sound package amplifier

J519	Onboard supply control unit
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R184	Digital sound package amplifier
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
T38s	38-pin connector

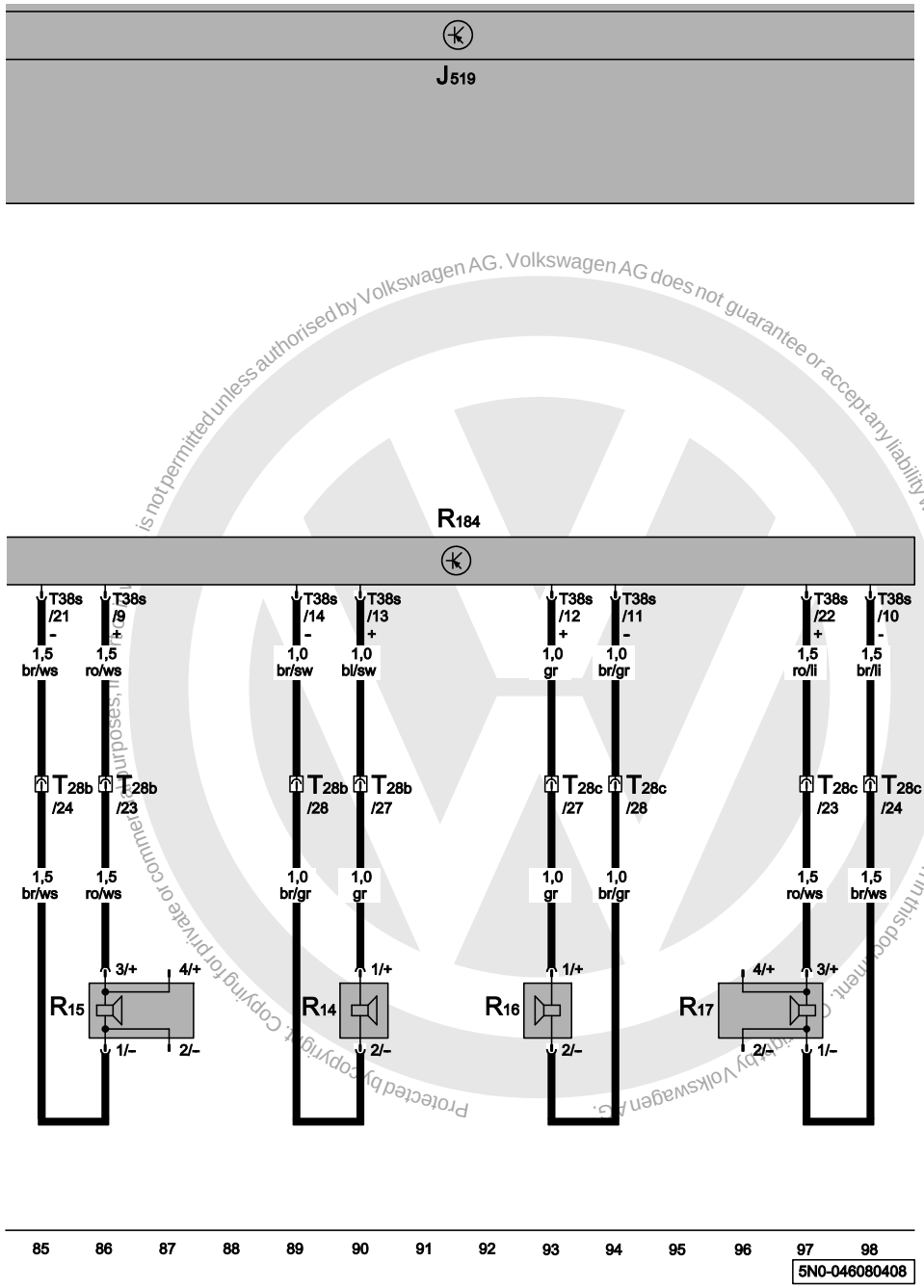


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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Rear loudspeaker, digital sound package amplifier

J519	Onboard supply control unit
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R184	Digital sound package amplifier
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim
T38s	38-pin connector



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio - RCD 200/210 Ultra Low

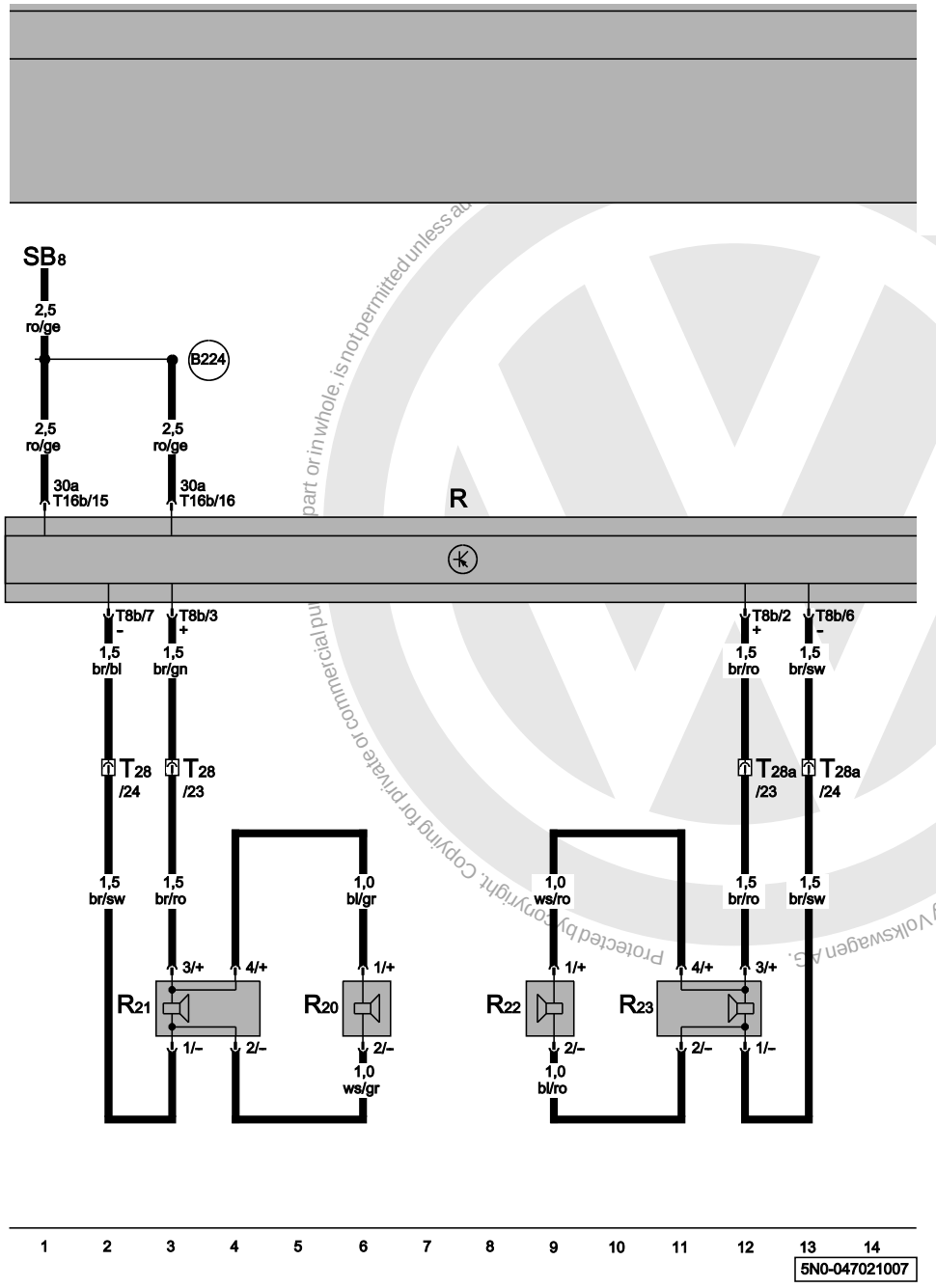
⇒ **Connection for external audio sources**
⇒ **CD changer**
⇒ **8 loudspeakers**
from November 2007

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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Front loudspeakers, radio, fuse SB8

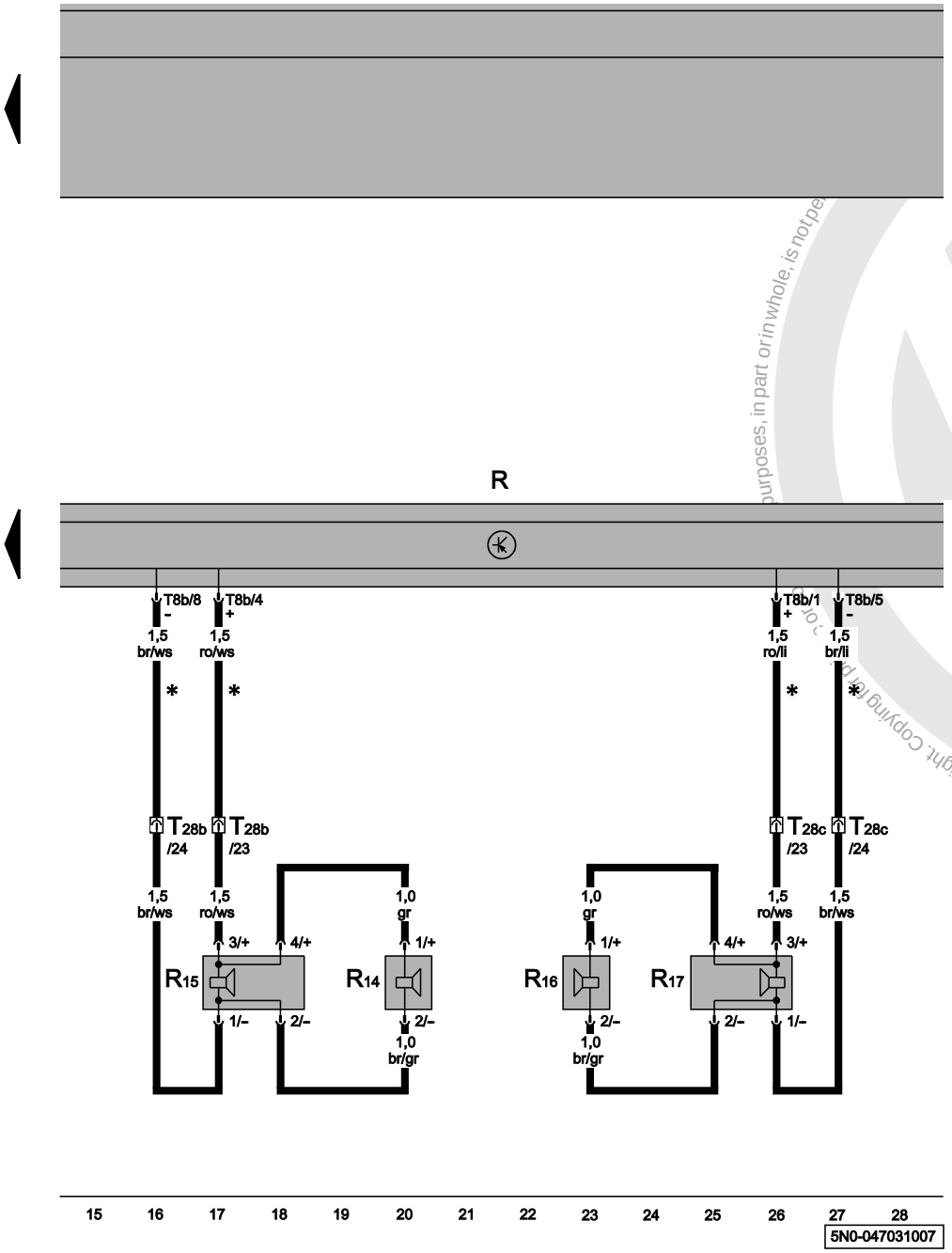
R	Radio
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
SB8	Fuse 8 on fuse holder B
T8b	8-pin connector, brown
T16b	16-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
(B224)	Connection 1 (radio), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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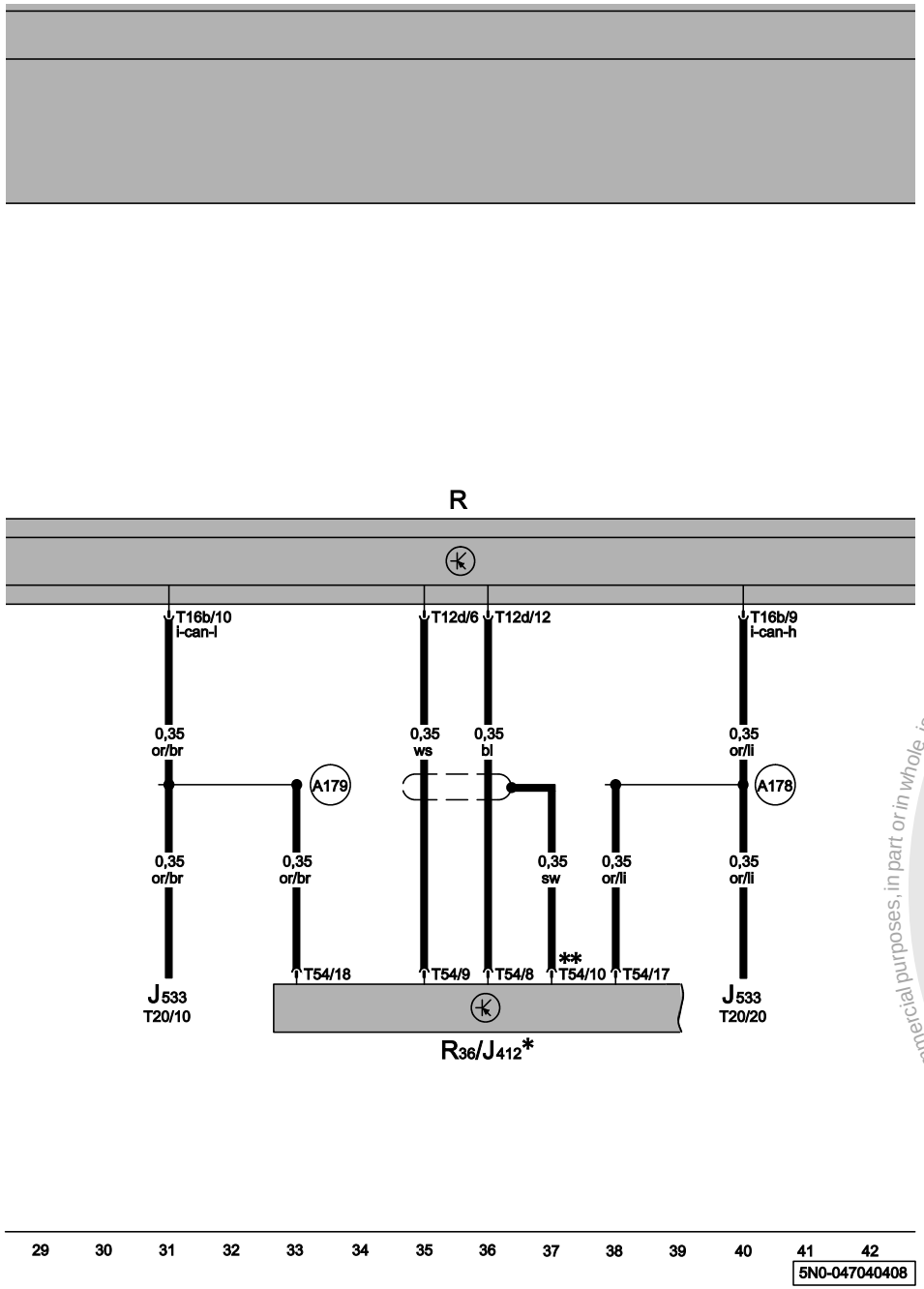
Rear loudspeakers, radio

R	Radio
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T8b	8-pin connector, brown
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim
*	Only models with rear loudspeaker



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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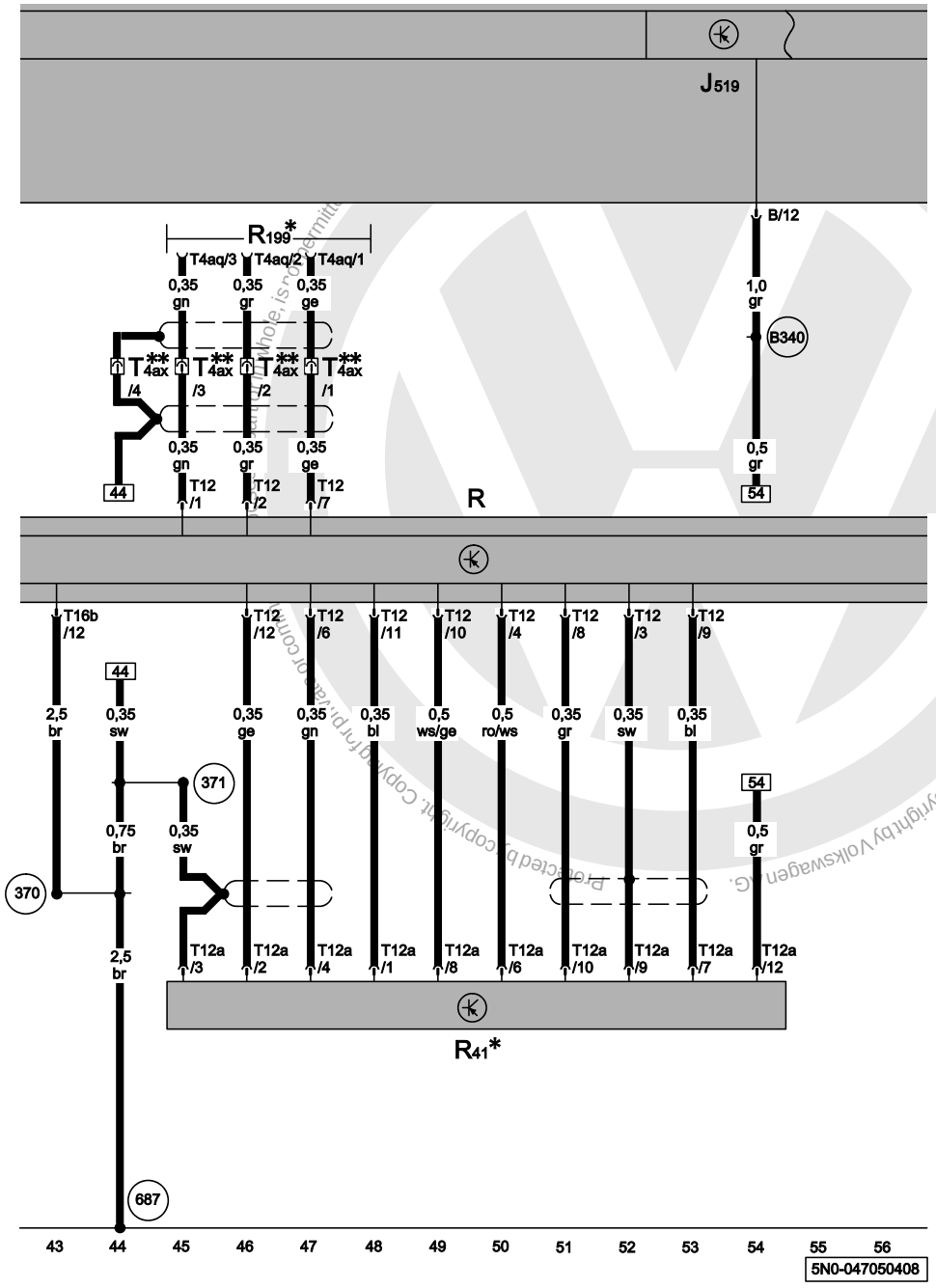


Radio, telephone transmitter and receiver unit, control unit for mobile telephone operating electronics

J412	Control unit for mobile telephone operating electronics
J533	Data bus diagnosis interface
R	Radio
R36	Telephone transmitter and receiver unit
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Depends on equipment
**	Up to May 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Connection for external audio sources, CD changer, radio

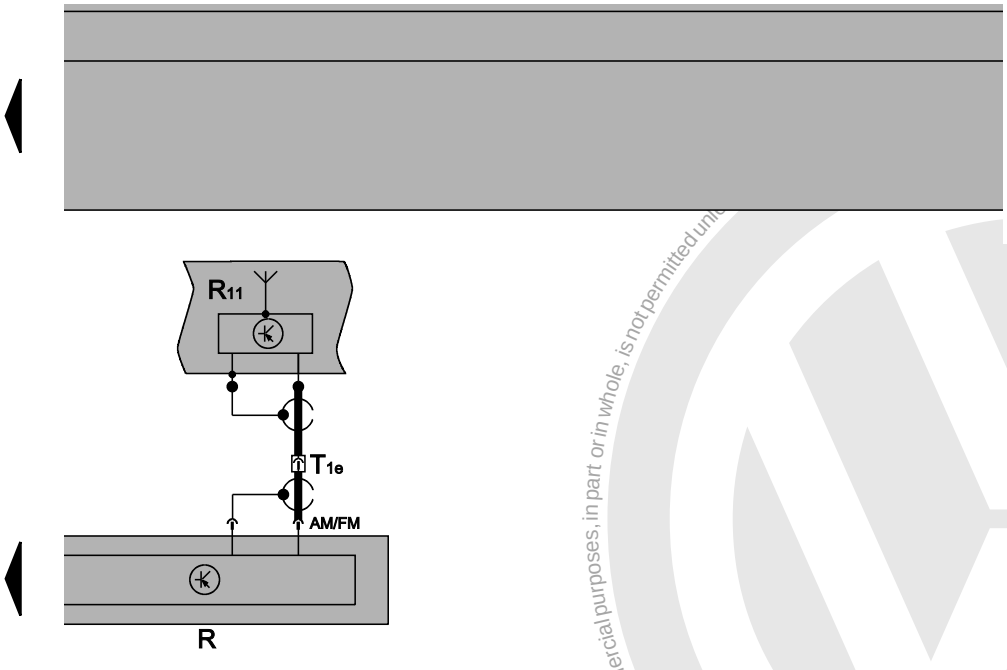
J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
T4aq	4-pin connector, black
T4ax	4-pin connector, white
T12	12-pin connector, blue
T12a	12-pin connector, black
T16b	16-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
*	Depends on equipment
**	Only models with centre armrest

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Aerial, radio

R	Radio
R11	Aerial
T1e	Single connector



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57	58	59	60	61	62	63	64	65	66	67	68	69	70

5N0-047061007

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radio - RCD 510

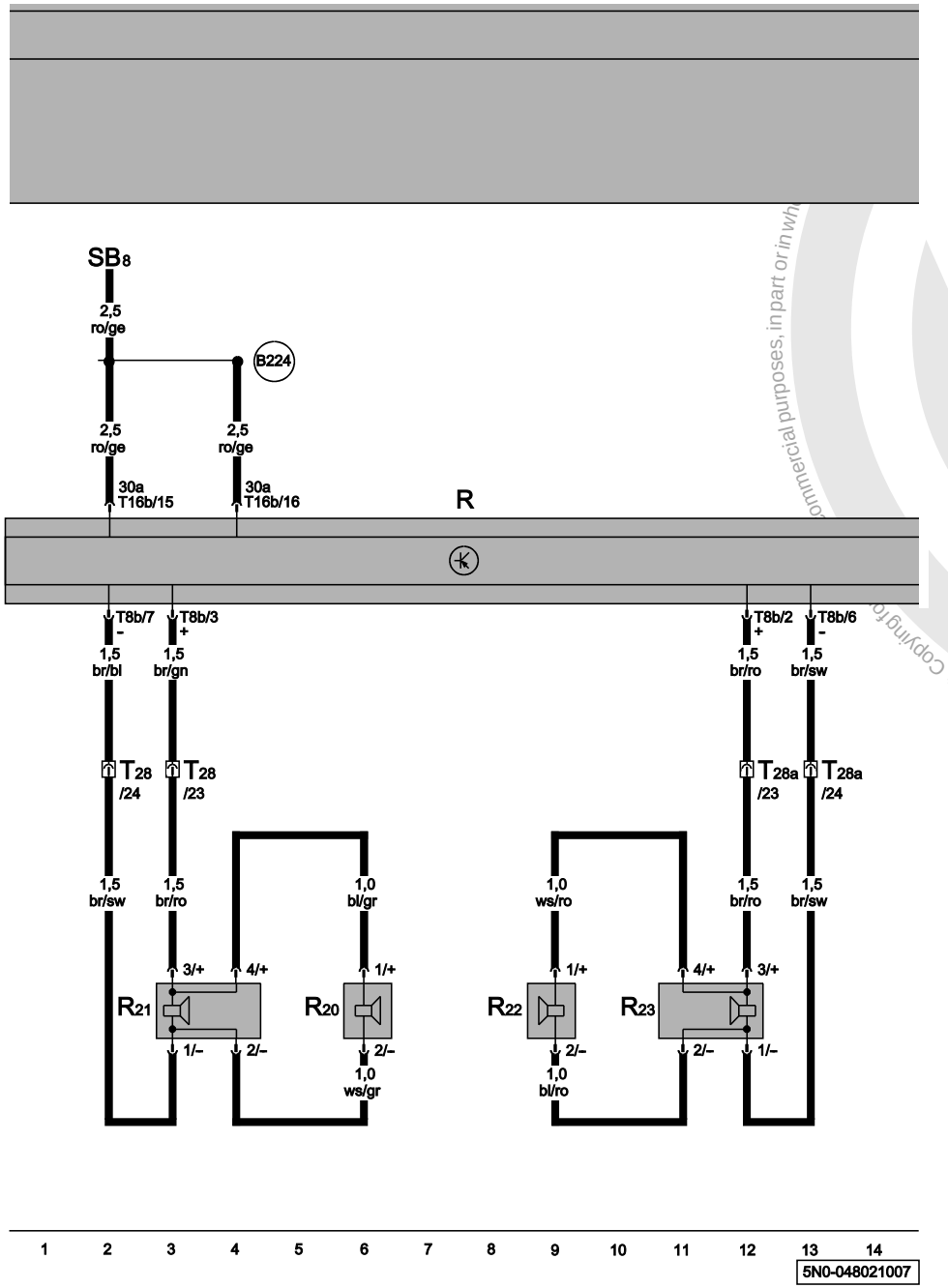
⇒ **Connection for external audio sources**
⇒ **CD changer**
from November 2007

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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Front loudspeakers, radio

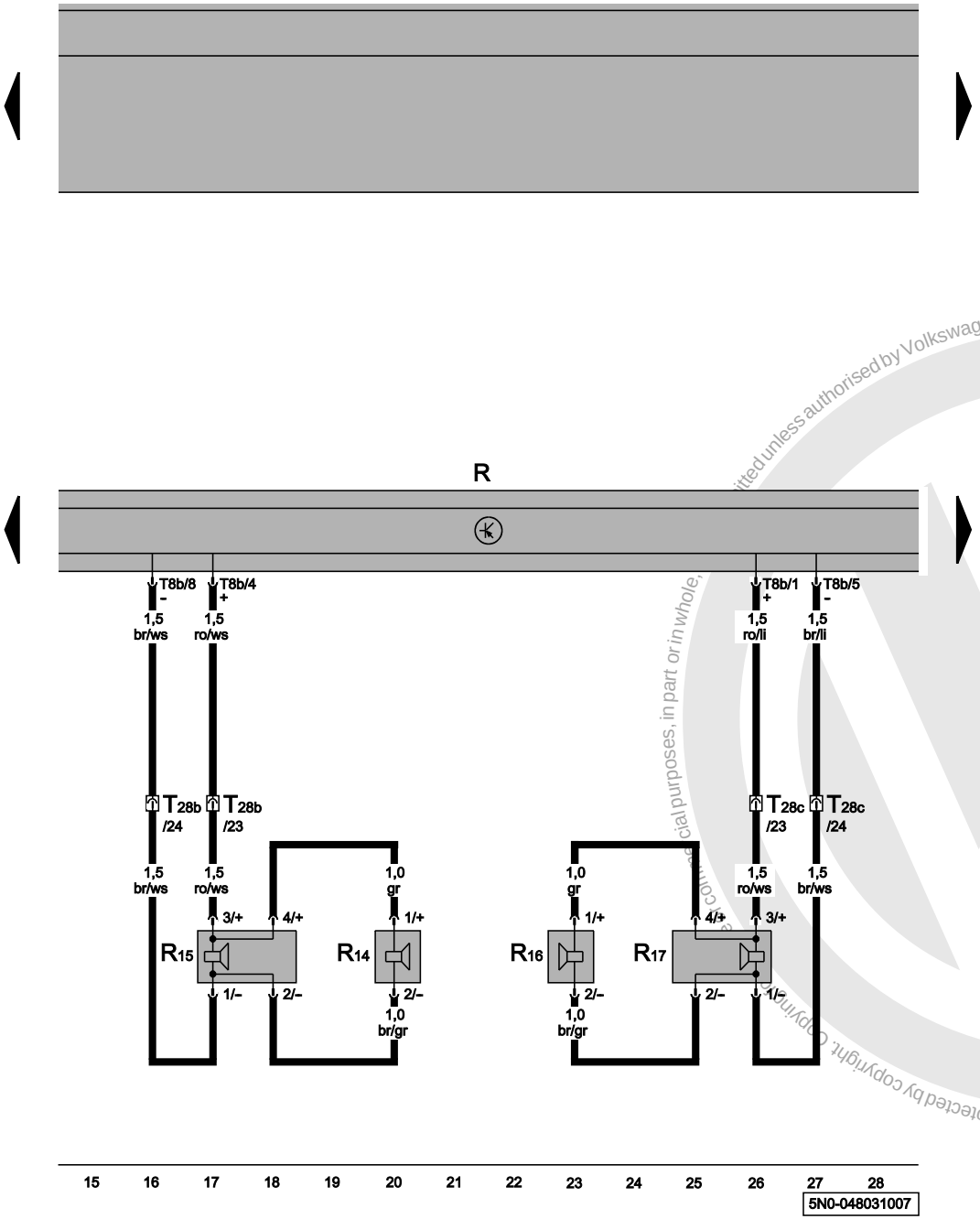
R	Radio
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
SB8	Fuse 8 on fuse holder B
T8b	8-pin connector, brown
T16b	16-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
B224	Connection 1 (radio), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Rear loudspeakers, radio

R	Radio
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T8b	8-pin connector, brown
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim

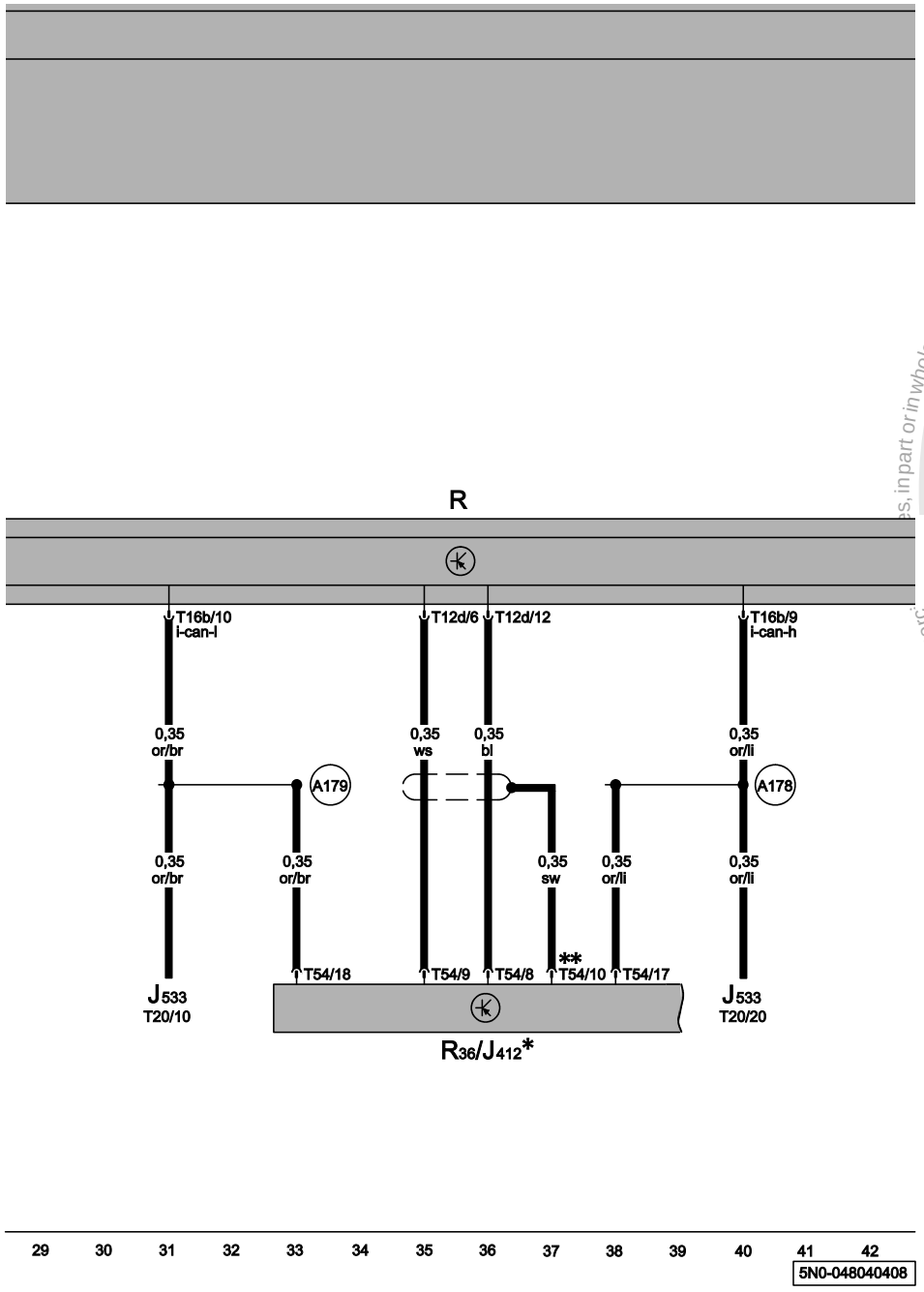


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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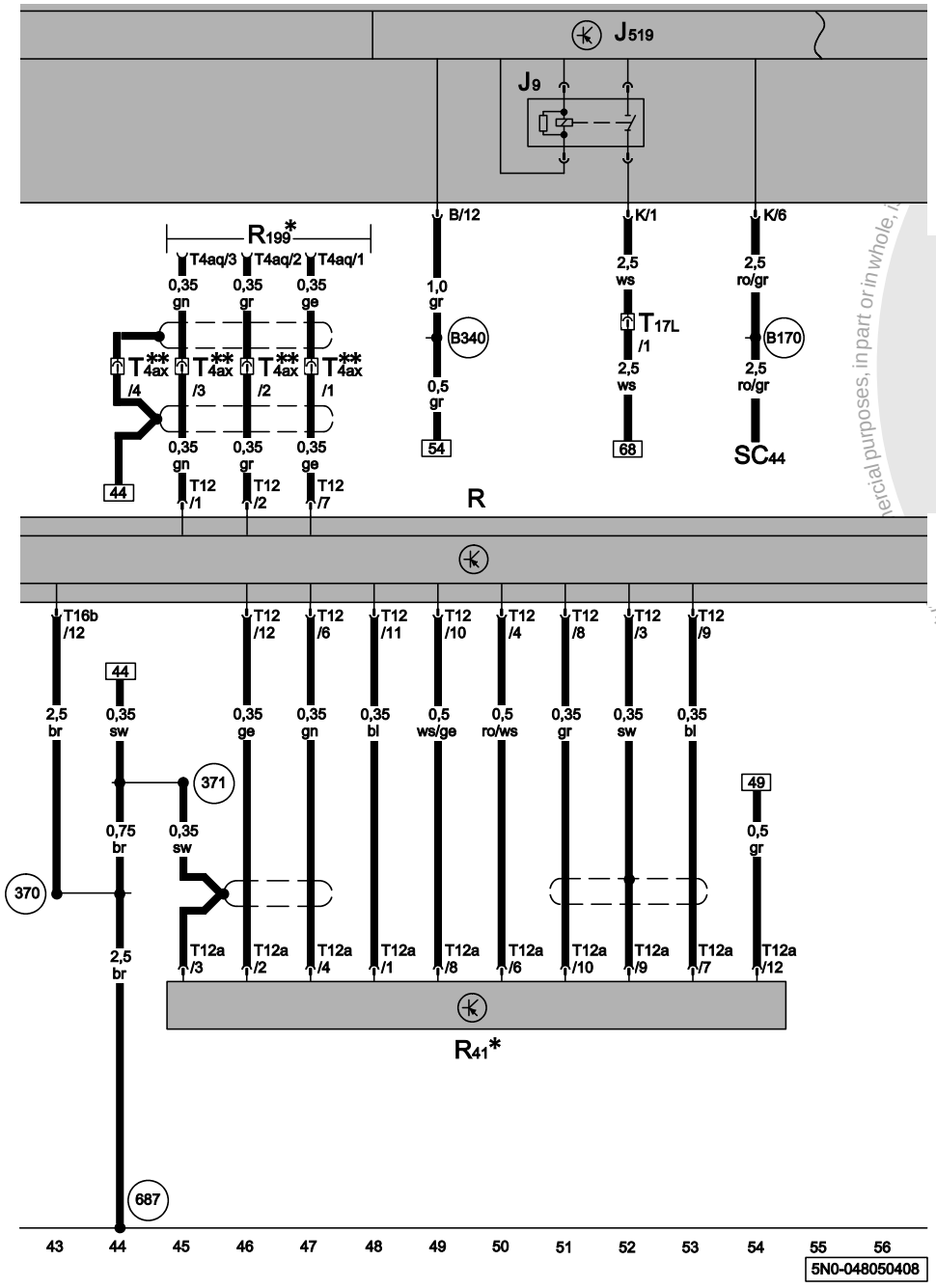
Radio, telephone transmitter and receiver unit, control unit for mobile telephone operating electronics

J412	Control unit for mobile telephone operating electronics
J533	Data bus diagnosis interface
R	Radio
R36	Telephone transmitter and receiver unit
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Depends on equipment
**	Up to May 2008



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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Connection for external audio sources, CD changer, radio, heated rear window relay

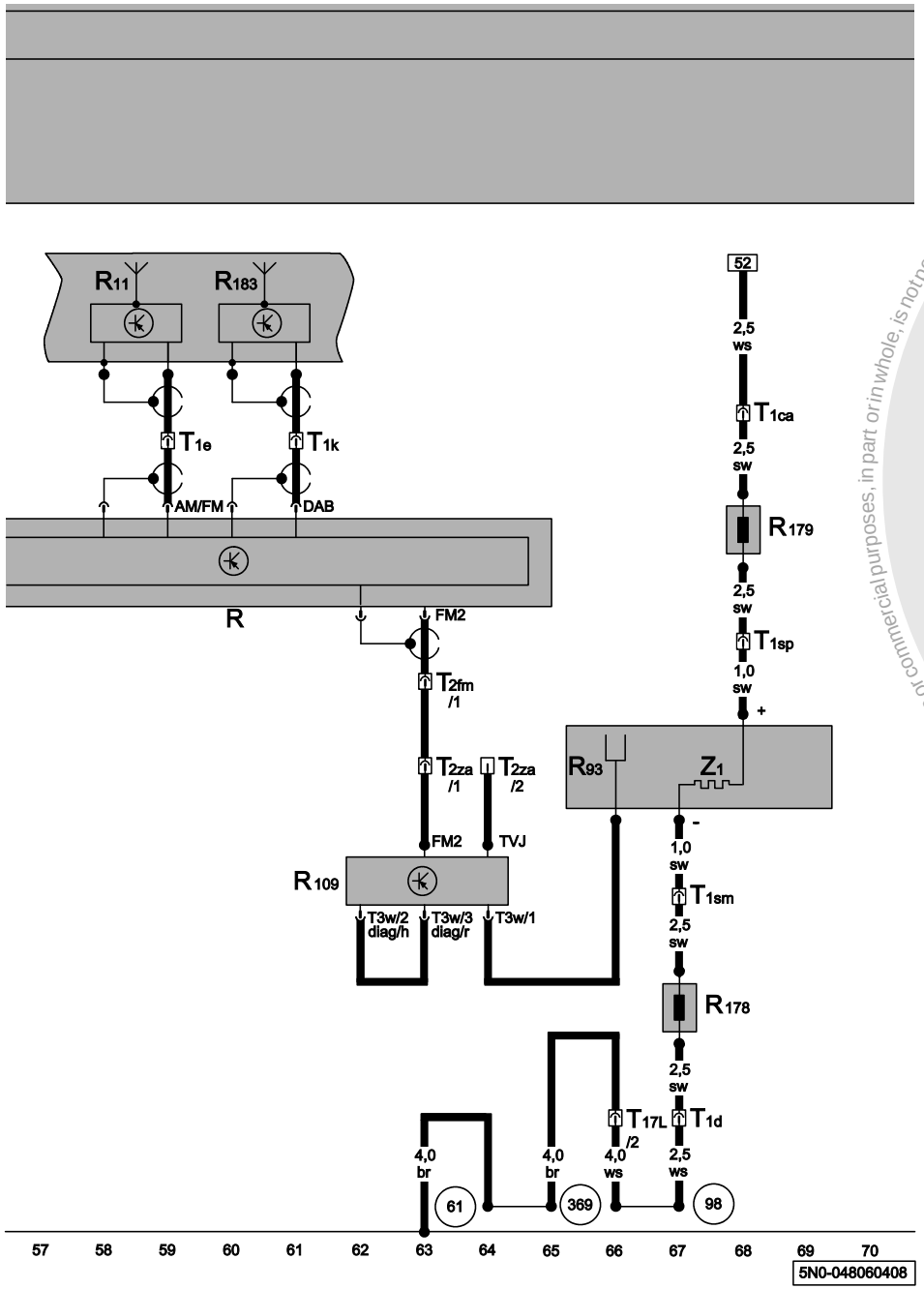
J9	Heated rear window relay
J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
SC44	Fuse 44 on fuse holder C
T4aq	4-pin connector, black
T4ax	4-pin connector, white
T12	12-pin connector, blue
T12a	12-pin connector, black
T16b	16-pin connector, black
T17L	17-pin connector, black
(370)	Earth connection 5, in main wiring harness
(371)	Earth connection 6, in main wiring harness
(687)	Earth point 1, on centre tunnel
(B170)	Positive connection 2 (30), in interior wiring harness
(B340)	Connection 1 (58d), in main wiring harness
*	Depends on equipment
**	Only models with centre armrest

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Aerials, aerial module, heated rear window, frequency filter for frequency modulation (FM), radio

R	Radio
R11	Aerial
R93	Radio aerial 2
R109	Right aerial module (impedance converter)
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
R183	Digital radio aerial
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1k	Single connector, black
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T17L	17-pin connector, black
Z1	Heated rear window
61	Earth point, on left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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Radio - RCD 300

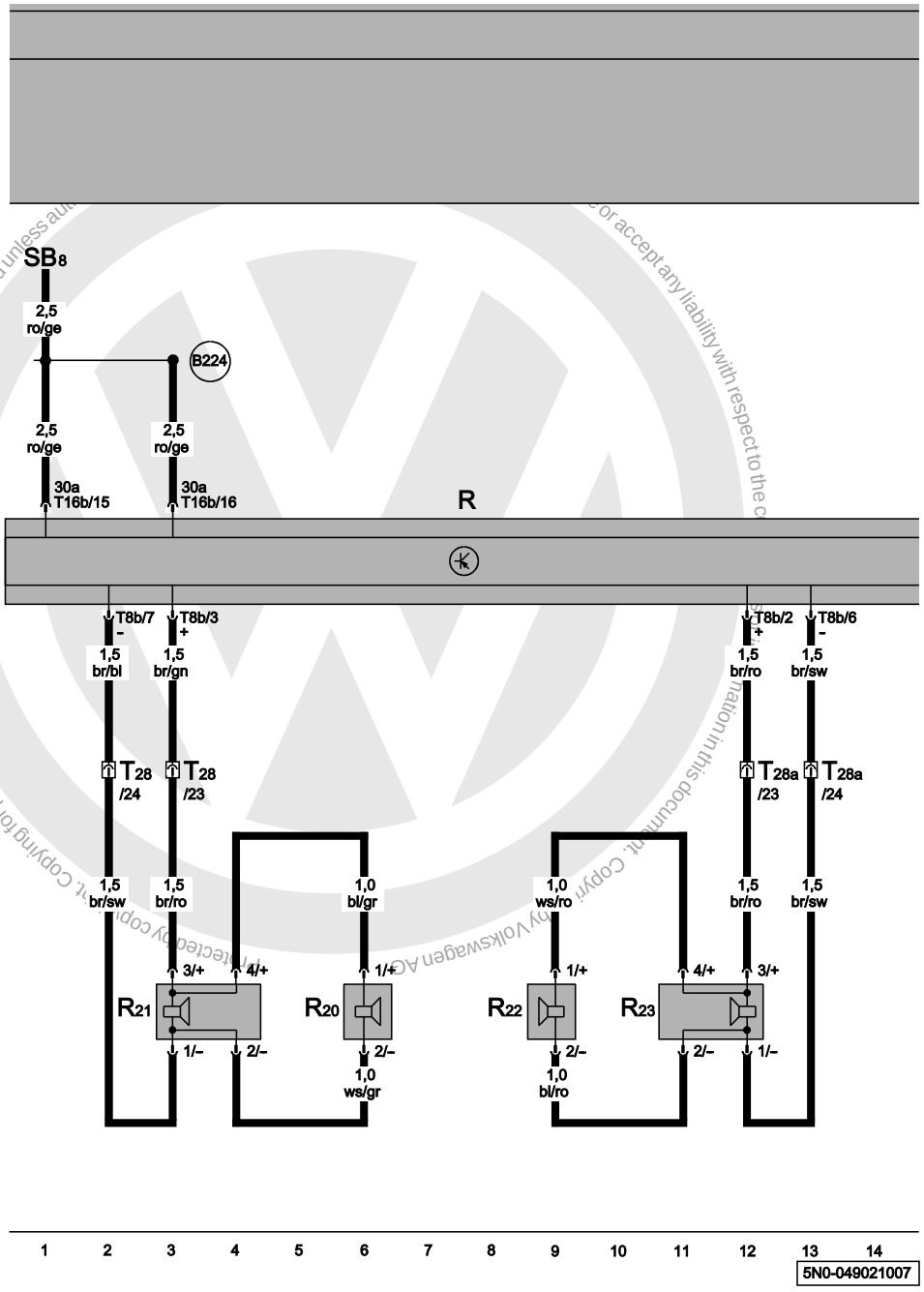
⇒ **Connection for external audio sources**
⇒ **CD changer**
from November 2007

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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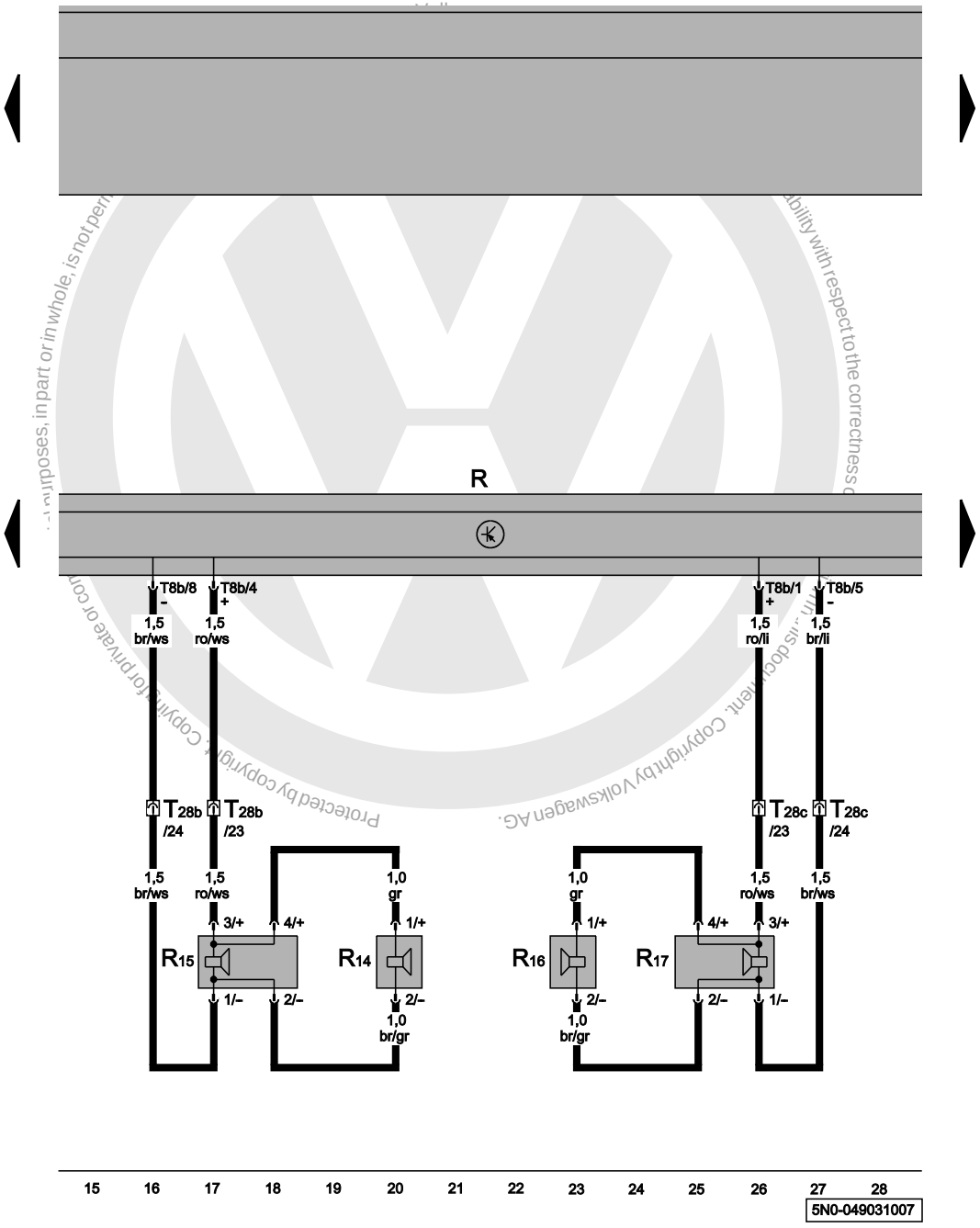


Front loudspeakers, radio, fuse SB8

R	Radio
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
SB8	Fuse 8 on fuse holder B
T8b	8-pin connector, brown
T16b	16-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
(B224)	Connection 1 (radio), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Rear loudspeakers, radio

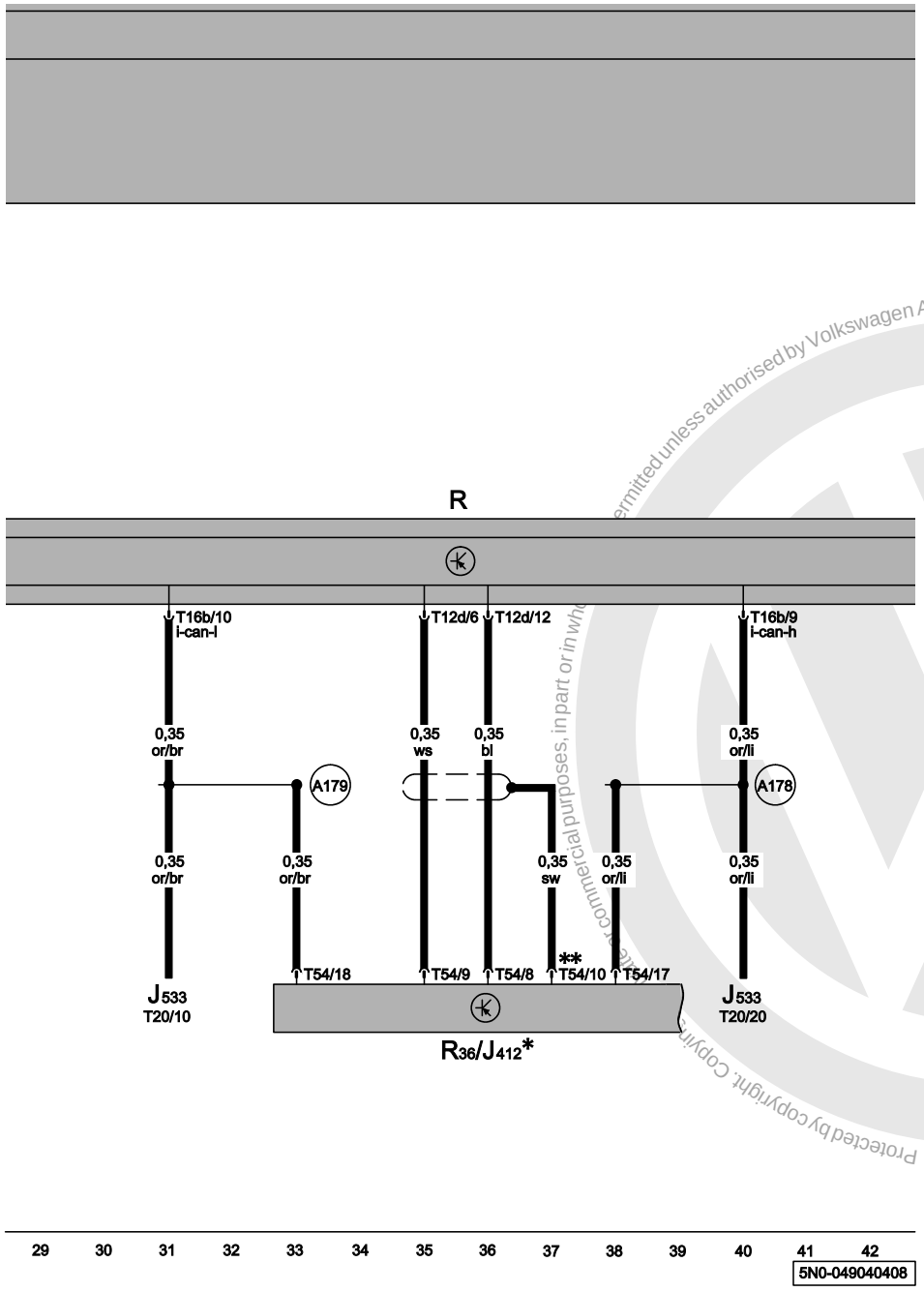
R	Radio
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T8b	8-pin connector, brown
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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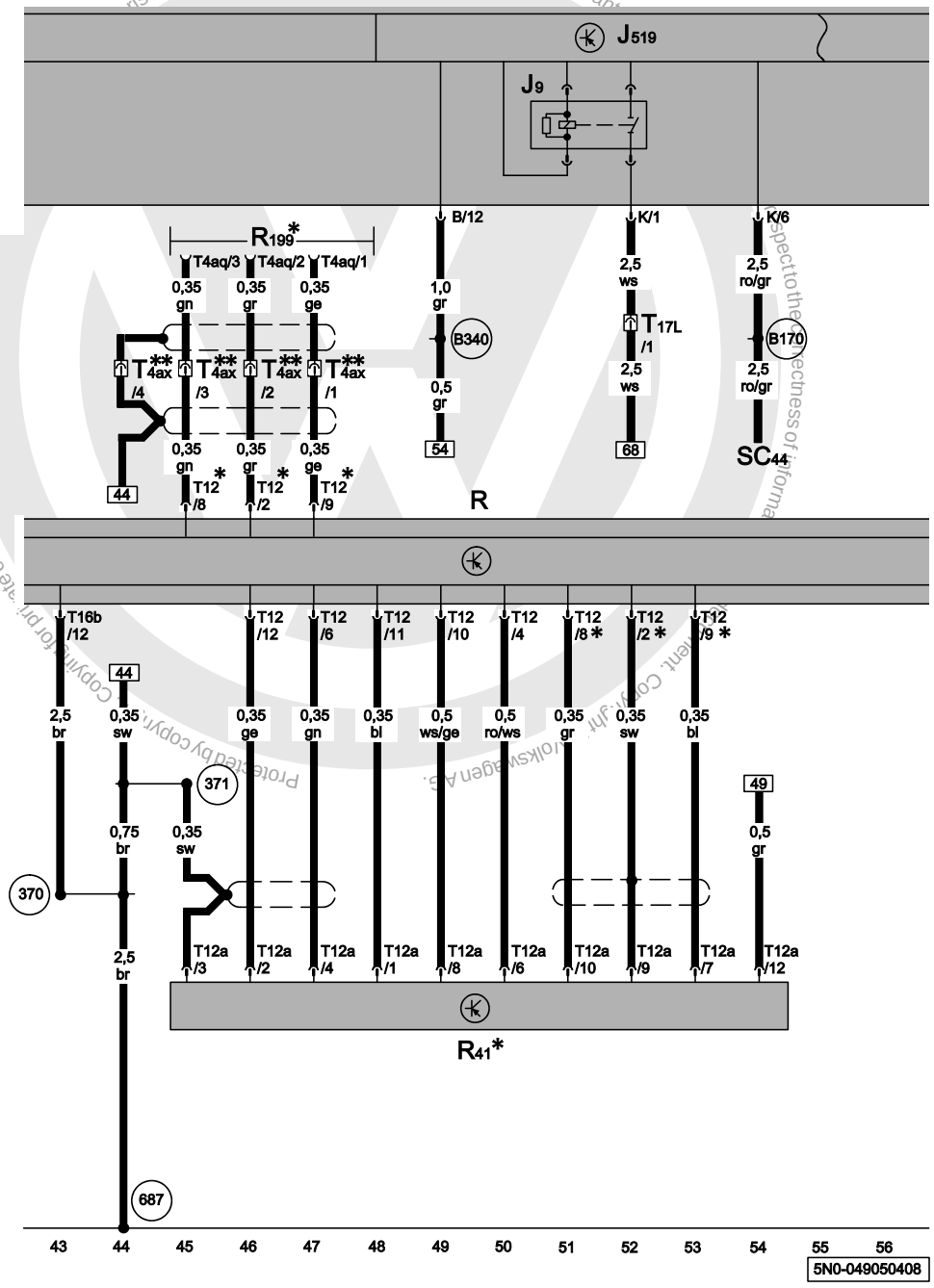
Radio, telephone transmitter and receiver unit, control unit for mobile telephone operating electronics

J412	Control unit for mobile telephone operating electronics
J533	Data bus diagnosis interface
R	Radio
R36	Telephone transmitter and receiver unit
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Depends on equipment
**	Up to May 2008



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

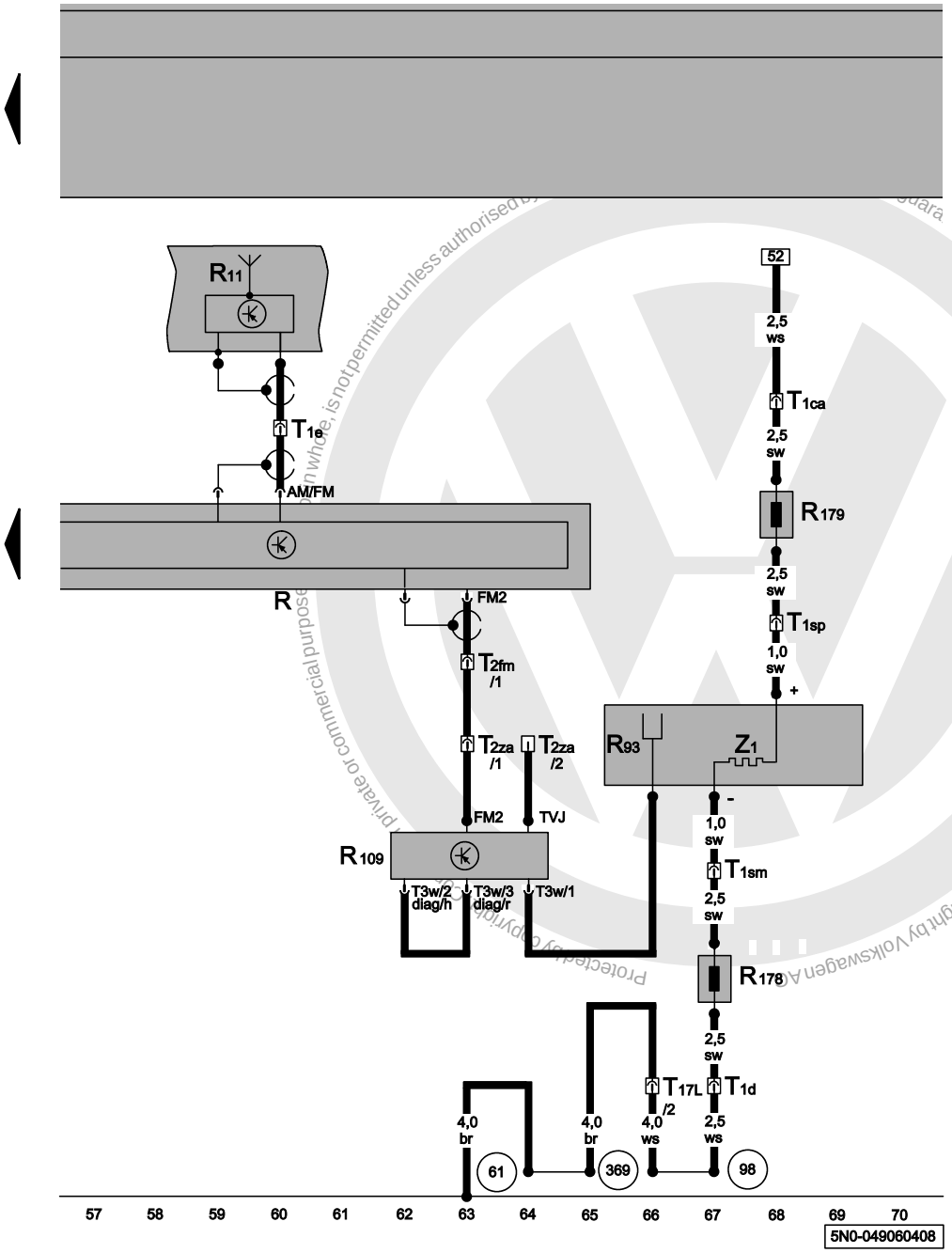
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Connection for external audio sources, CD changer, radio, heated rear window relay

J9	Heated rear window relay
J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
SC44	Fuse 44 on fuse holder C
T4aq	4-pin connector, black
T4ax	4-pin connector, white
T12	12-pin connector, blue
T12a	12-pin connector, black
T16b	16-pin connector, black
T17L	17-pin connector, black
(370)	Earth connection 5, in main wiring harness
(371)	Earth connection 6, in main wiring harness
(687)	Earth point 1, on centre tunnel
(B170)	Positive connection 2 (30), in interior wiring harness
(B340)	Connection 1 (58d), in main wiring harness
*	Depends on equipment
**	Only models with centre armrest

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Aerials, aerial module, heated rear window, frequency filter for frequency modulation (FM), radio

R	Radio
R11	Aerial
R93	Radio aerial 2
R109	Right aerial module (impedance converter)
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T17L	17-pin connector, black
Z1	Heated rear window
61	Earth point, on left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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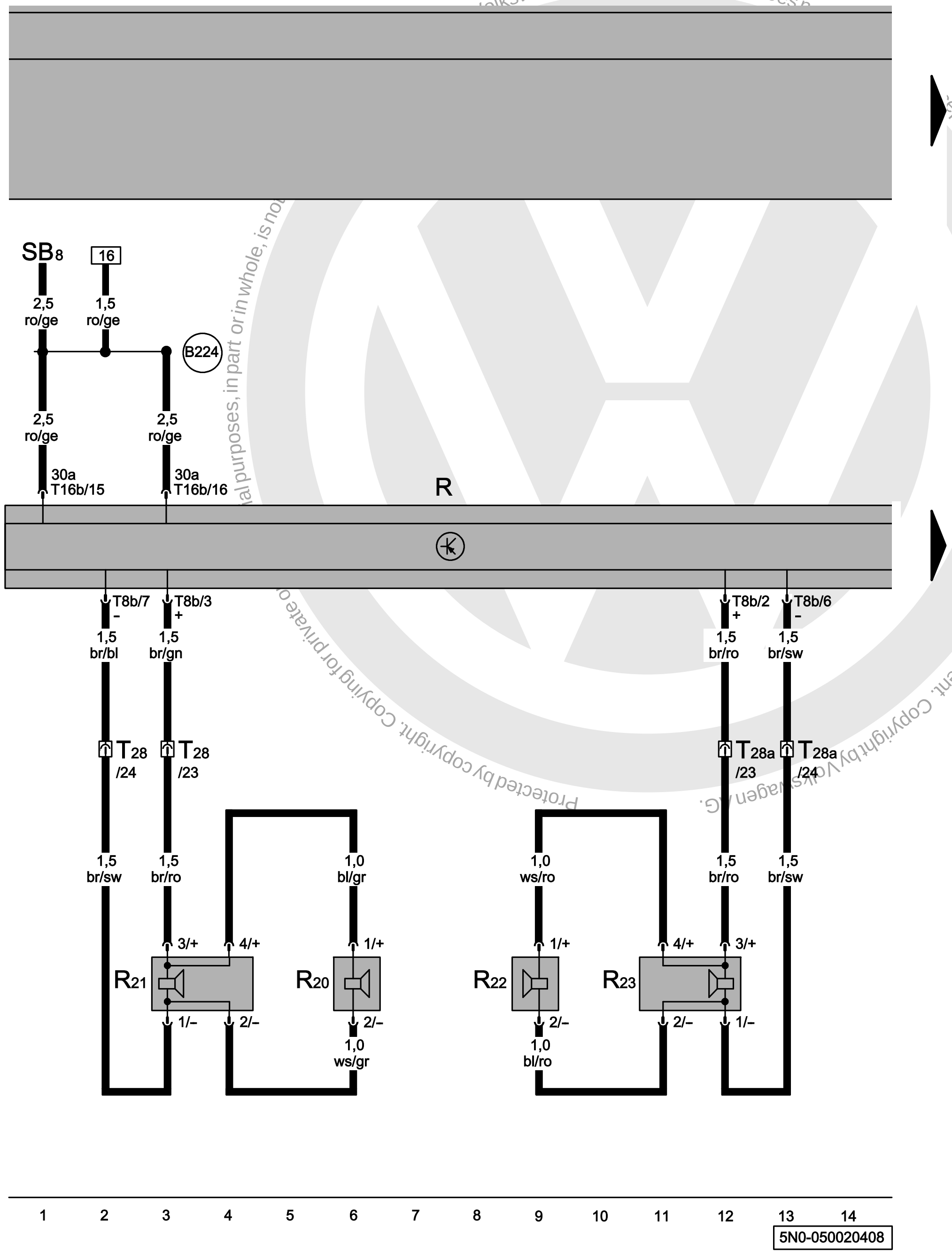
Radio - RCD 310

⇒ **Connection for external audio sources**
⇒ **CD changer**
⇒ **Satellite digital audio system (SDARS)**
⇒ **Satellite radio**
from November 2007

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding



Front loudspeakers, radio, fuse SB8

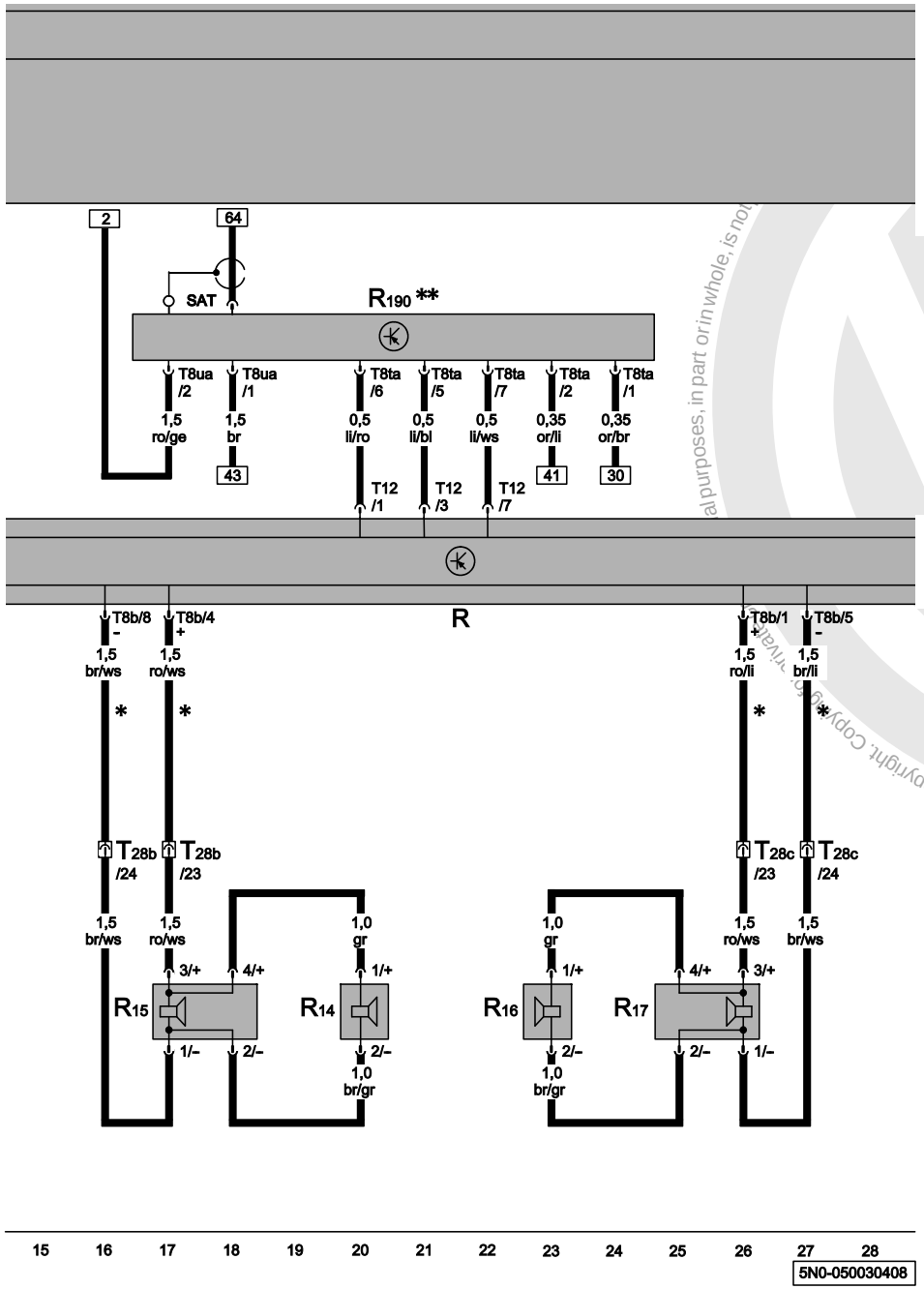
R	Radio
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
SB8	Fuse 8 on fuse holder B
T8b	8-pin connector, brown
T16b	16-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
B224	Connection 1 (radio), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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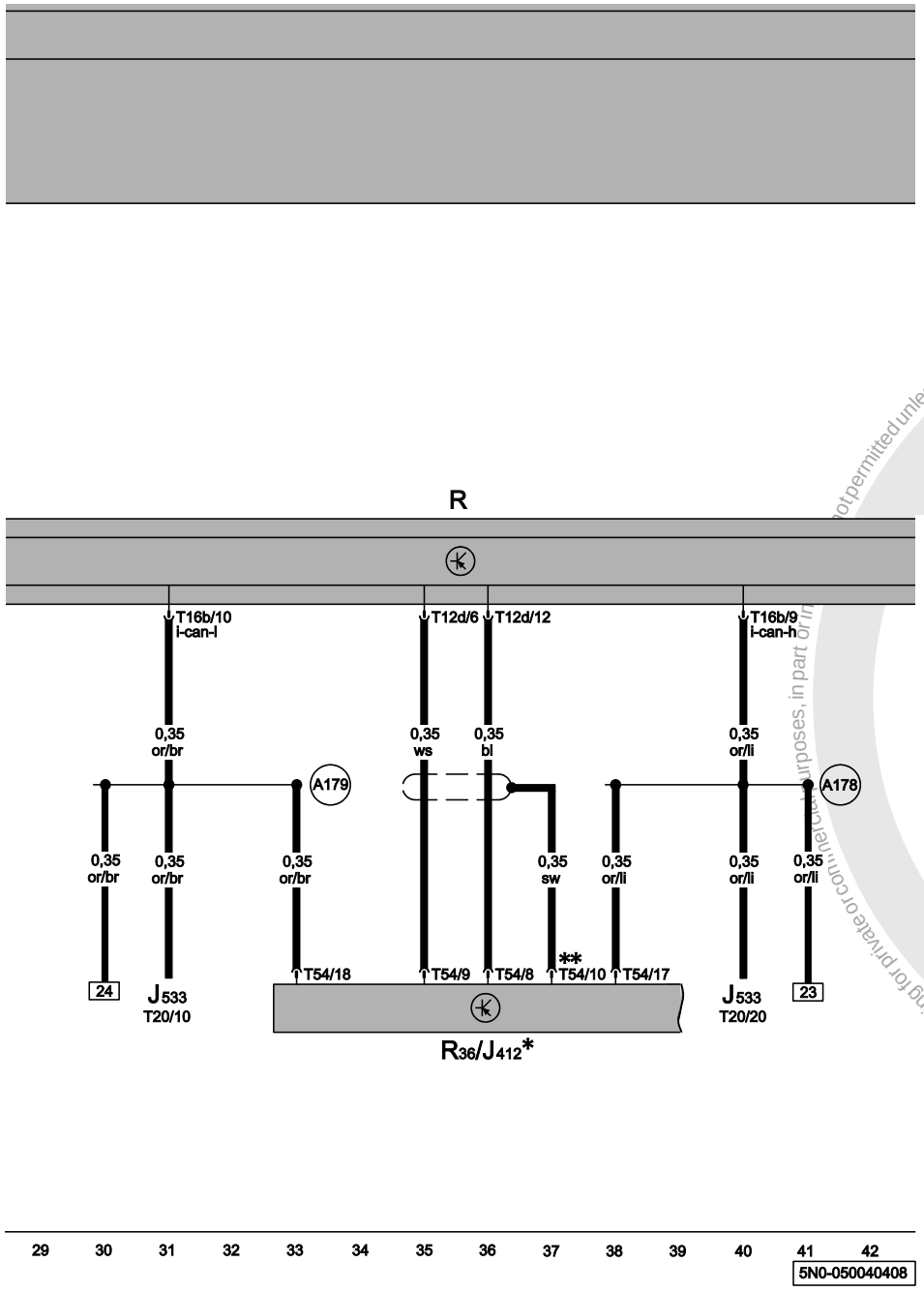
Satellite digital radio tuner, rear loudspeaker, radio

R	Radio
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R190	Satellite digital radio tuner
T8b	8-pin connector, brown
T8ta	8-pin connector, black
T8ua	8-pin connector, black
T12	12-pin connector, blue
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim
*	Only models with rear loudspeaker
**	Only models with satellite digital radio tuner



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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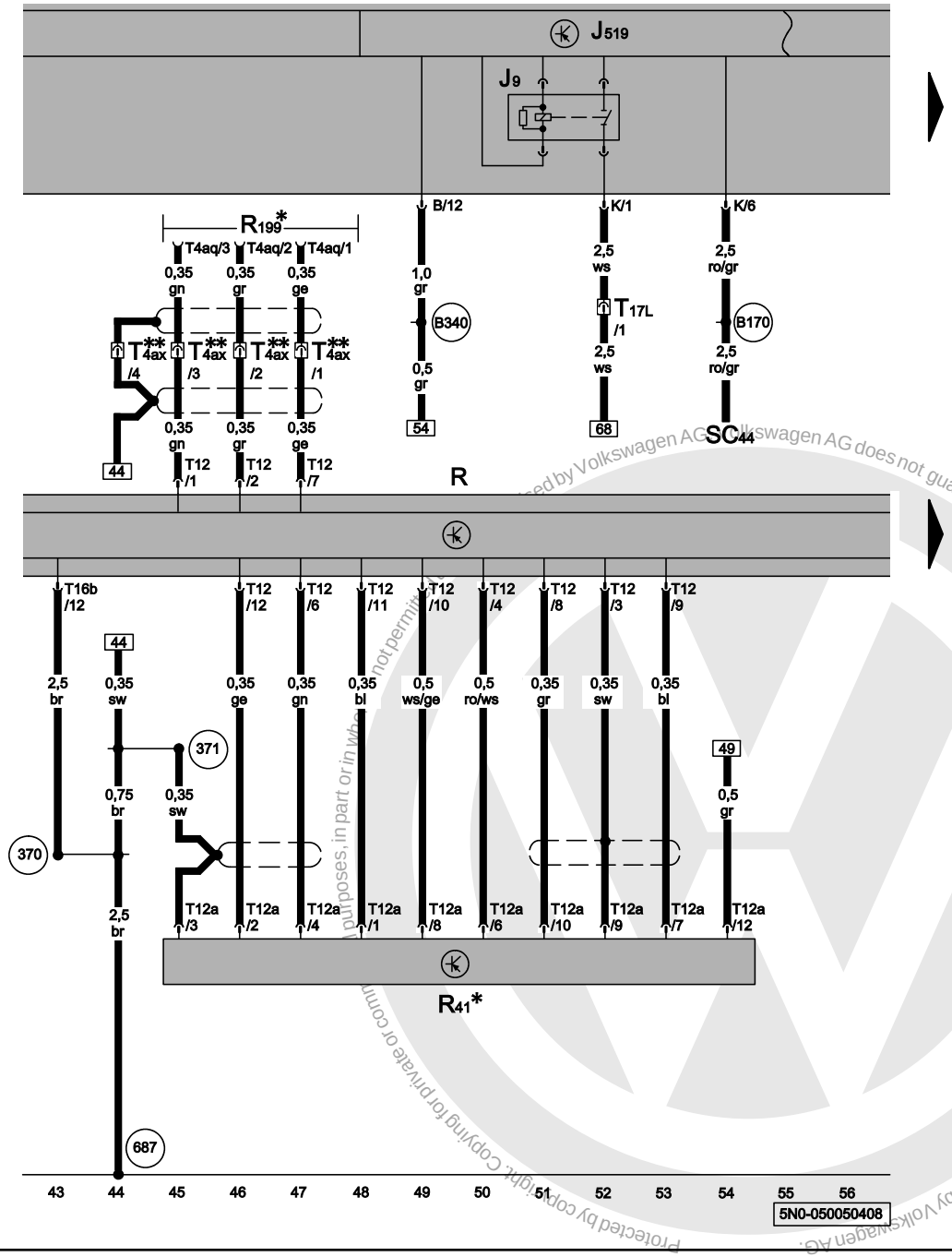


Radio, telephone transmitter and receiver unit, control unit for mobile telephone operating electronics

J412	Control unit for mobile telephone operating electronics
J533	Data bus diagnosis interface
R	Radio
R36	Telephone transmitter and receiver unit
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Depends on equipment
**	Up to May 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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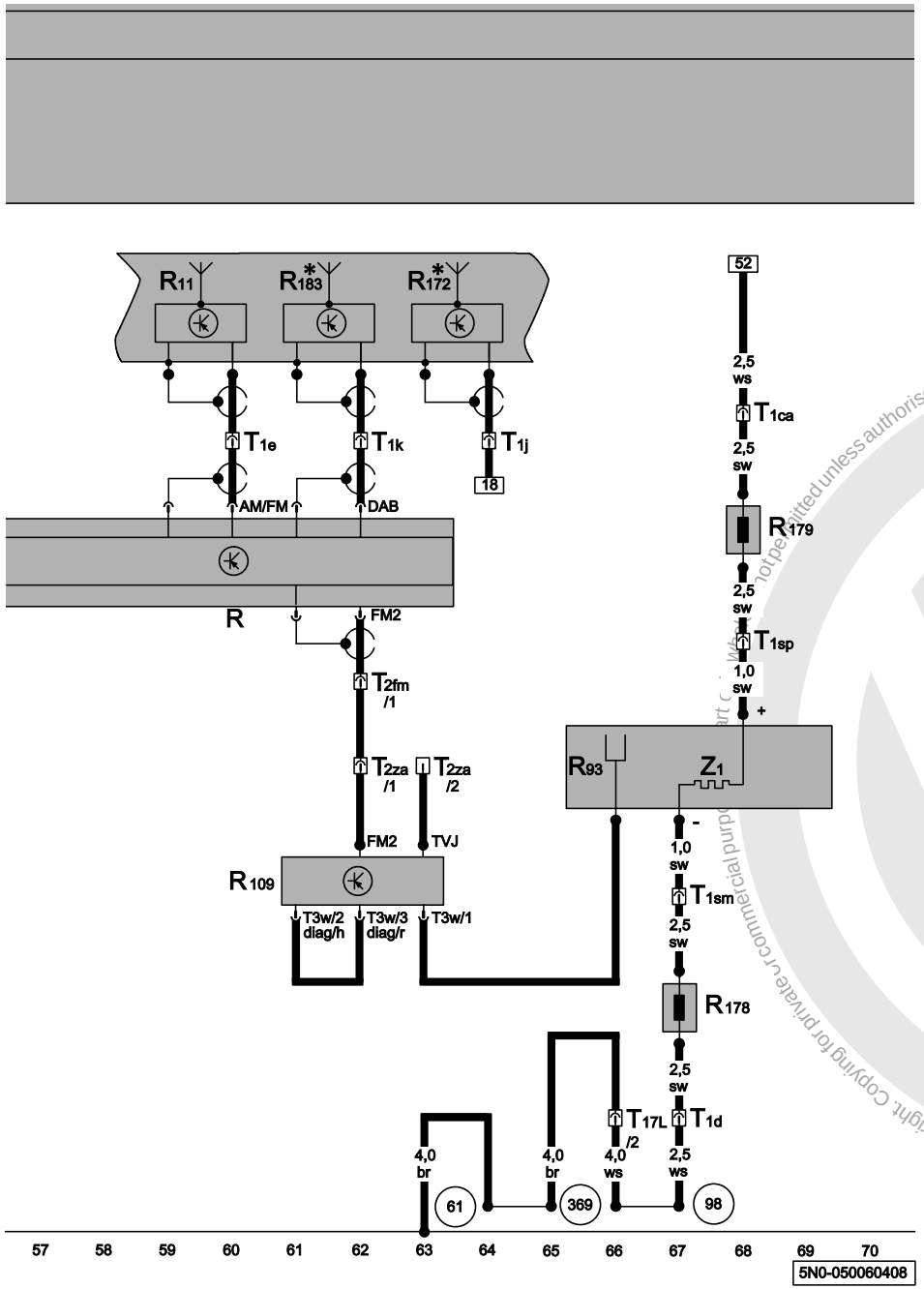


Connection for external audio sources, CD changer, radio, heated rear window relay

J9	Heated rear window relay
J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
SC44	Fuse 44 on fuse holder C
T4aq	4-pin connector, black
T4ax	4-pin connector, white
T12	12-pin connector, blue
T12a	12-pin connector, black
T16b	16-pin connector, black
T17L	17-pin connector, black
(370)	Earth connection 5, in main wiring harness
(371)	Earth connection 6, in main wiring harness
(687)	Earth point 1, on centre tunnel
(B170)	Positive connection 2 (30), in interior wiring harness
(B340)	Connection 1 (58d), in main wiring harness
*	Depends on equipment
**	Only models with centre armrest

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Aerials, aerial module, heated rear window, frequency filter for frequency modulation (FM), radio

R	Radio
R11	Aerial
R93	Radio aerial 2
R109	Right aerial module (impedance converter)
R172	Satellite tuner aerial
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
R183	Digital radio aerial
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1j	Single connector, green
T1k	Single connector, black
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T17L	17-pin connector, black
Z1	Heated rear window
61	Earth point, on left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
*	Depends on equipment

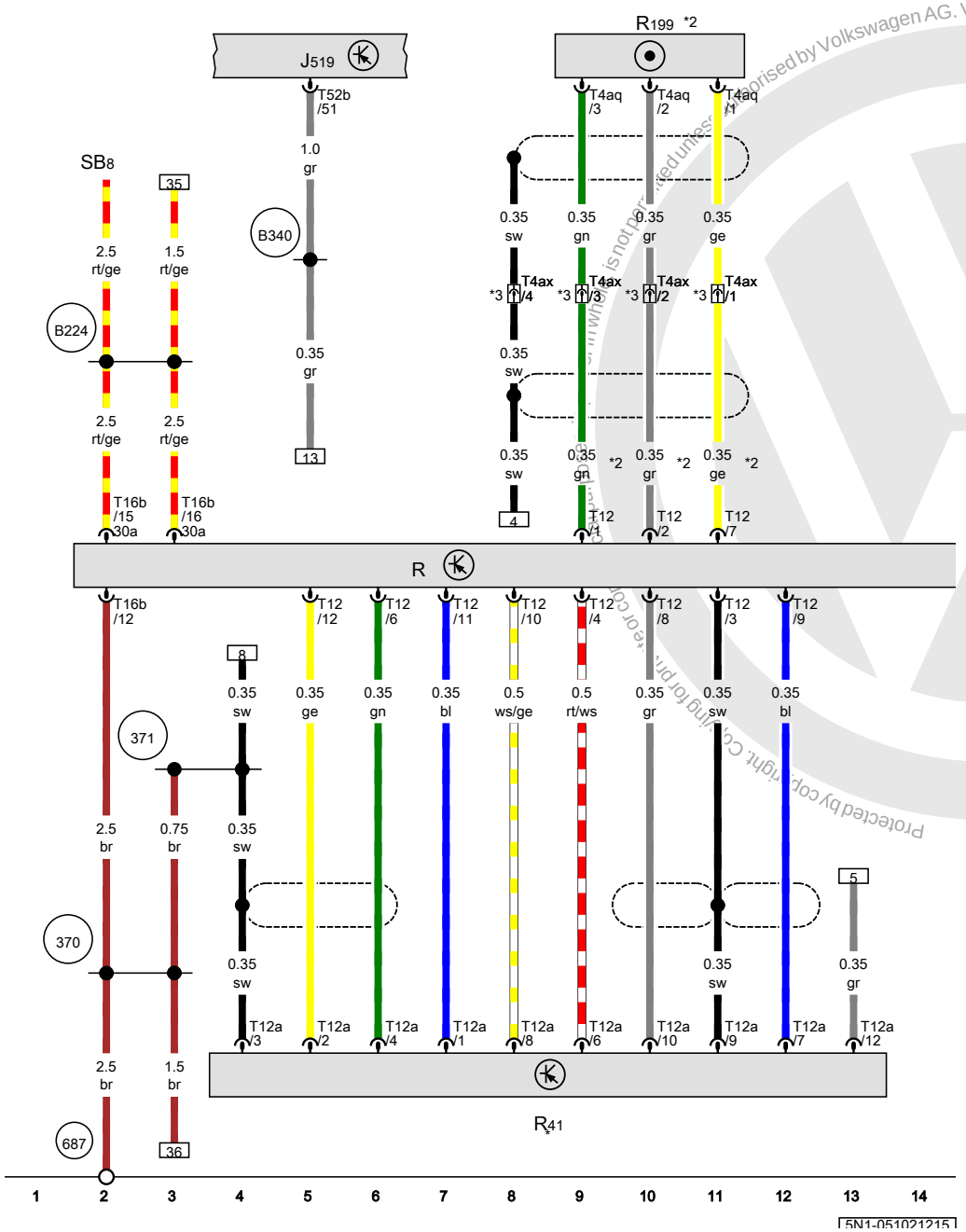
ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio system RCD 310 , (8AE)

From May 2009

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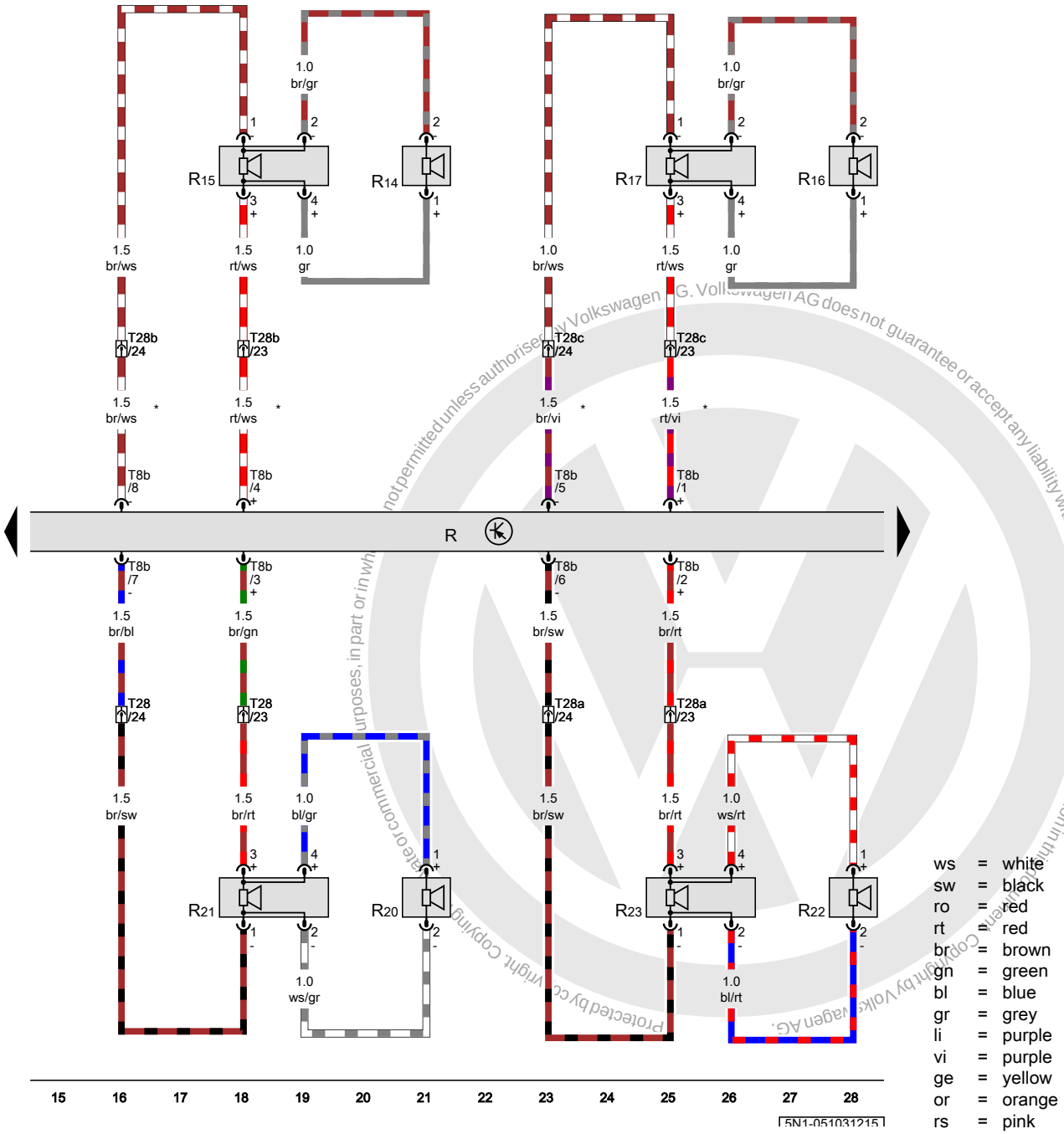


Onboard supply control unit, Radio, CD changer, Connection for external audio sources

J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
SB8	Fuse 8 on fuse holder B
T4aq	4-pin connector
T4ax	4-pin connector
T12	12-pin connector
T12a	12-pin connector
T16b	16-pin connector
T52b	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with CD changer/ prepared for CD changer
*2	According to equipment
*3	Only models with centre armrest

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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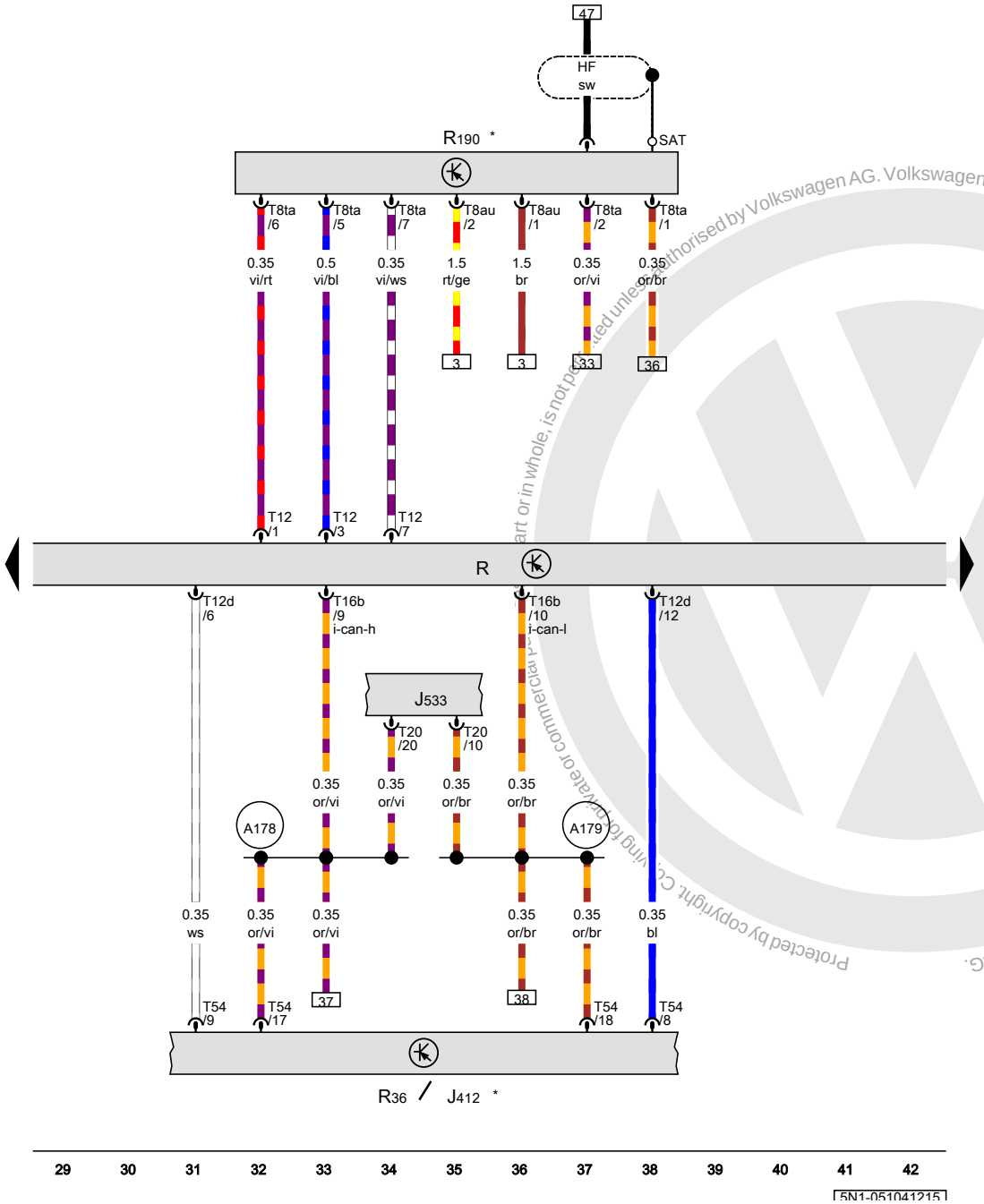


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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Radio, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

R	Radio
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T8b	8-pin connector
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector
*	Only models with rear loudspeaker



Radio, Telephone transmitter and receiver unit, Satellite digital radio tuner

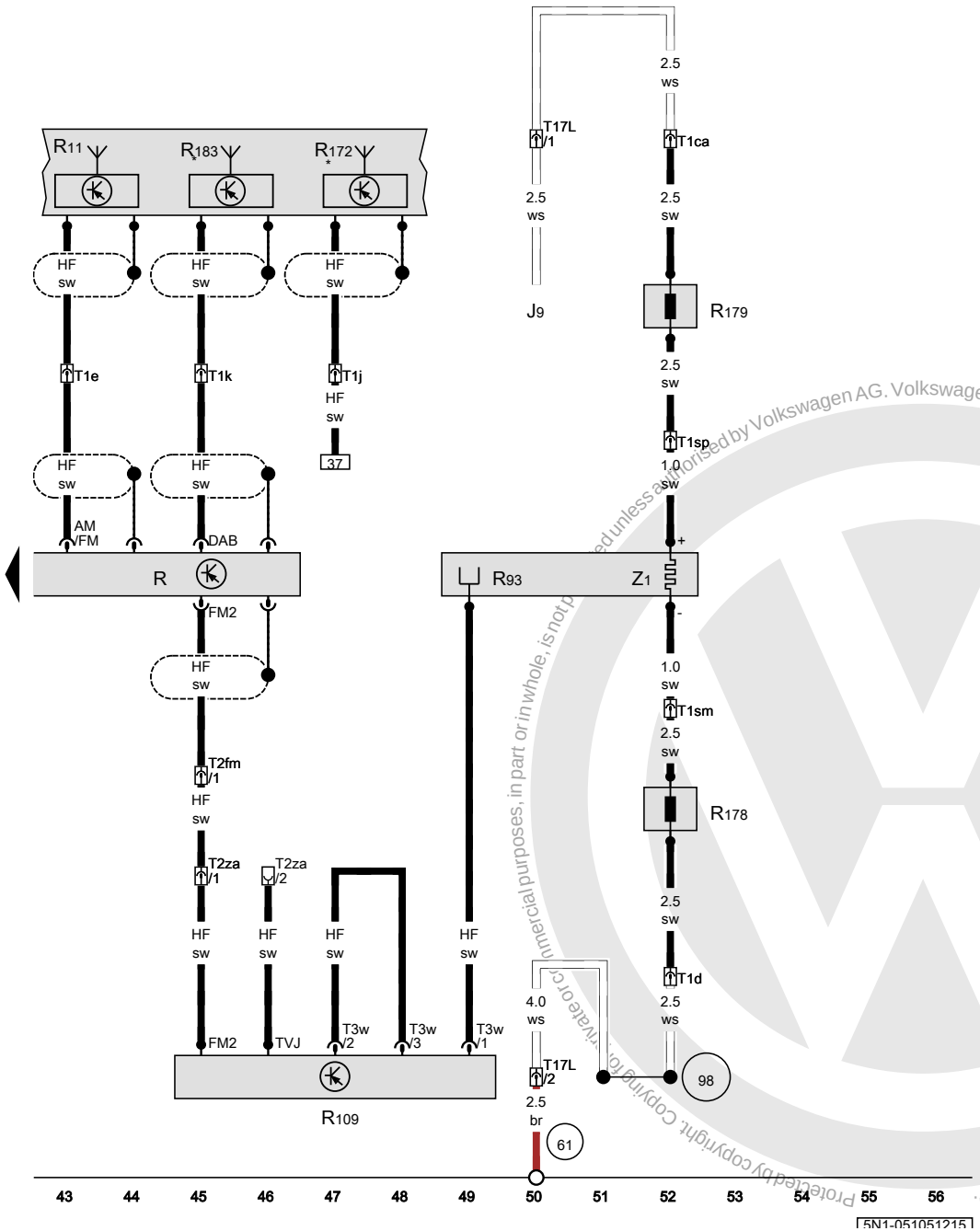
J412	Mobile telephone operating electronics control unit
J533	Data bus diagnostic interface
R	Radio
R36	Telephone transmitter and receiver unit
R190	Satellite digital radio tuner
T8au	8-pin connector
T8ta	8-pin connector
T12	12-pin connector
T12d	12-pin connector
T16b	16-pin connector
T20	20-pin connector
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio, Aerial, Right aerial module, Heated rear window

J9	Heated rear window relay
R	Radio
R11	Aerial
R93	Radio aerial 2
R109	Right aerial module
R172	Satellite tuner aerial
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
R183	Digital radio aerial
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1j	Single connector
T1k	Single connector
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T17L	17-pin connector
Z1	Heated rear window
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
*	According to equipment



5N1-0510512151

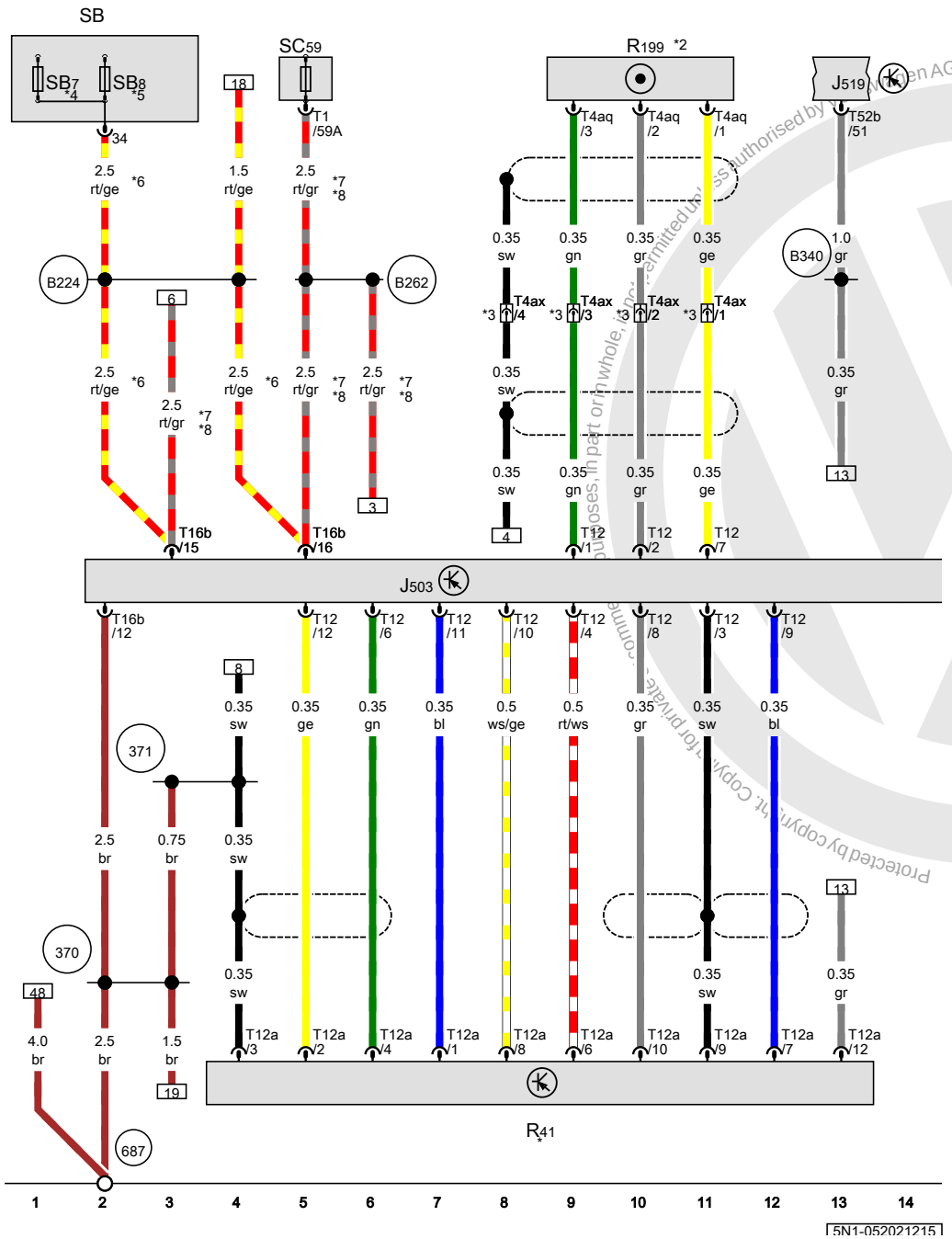
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio navigation system RNS 510 , (7T3),(7T5),(7T6),(8AY)

From May 2009

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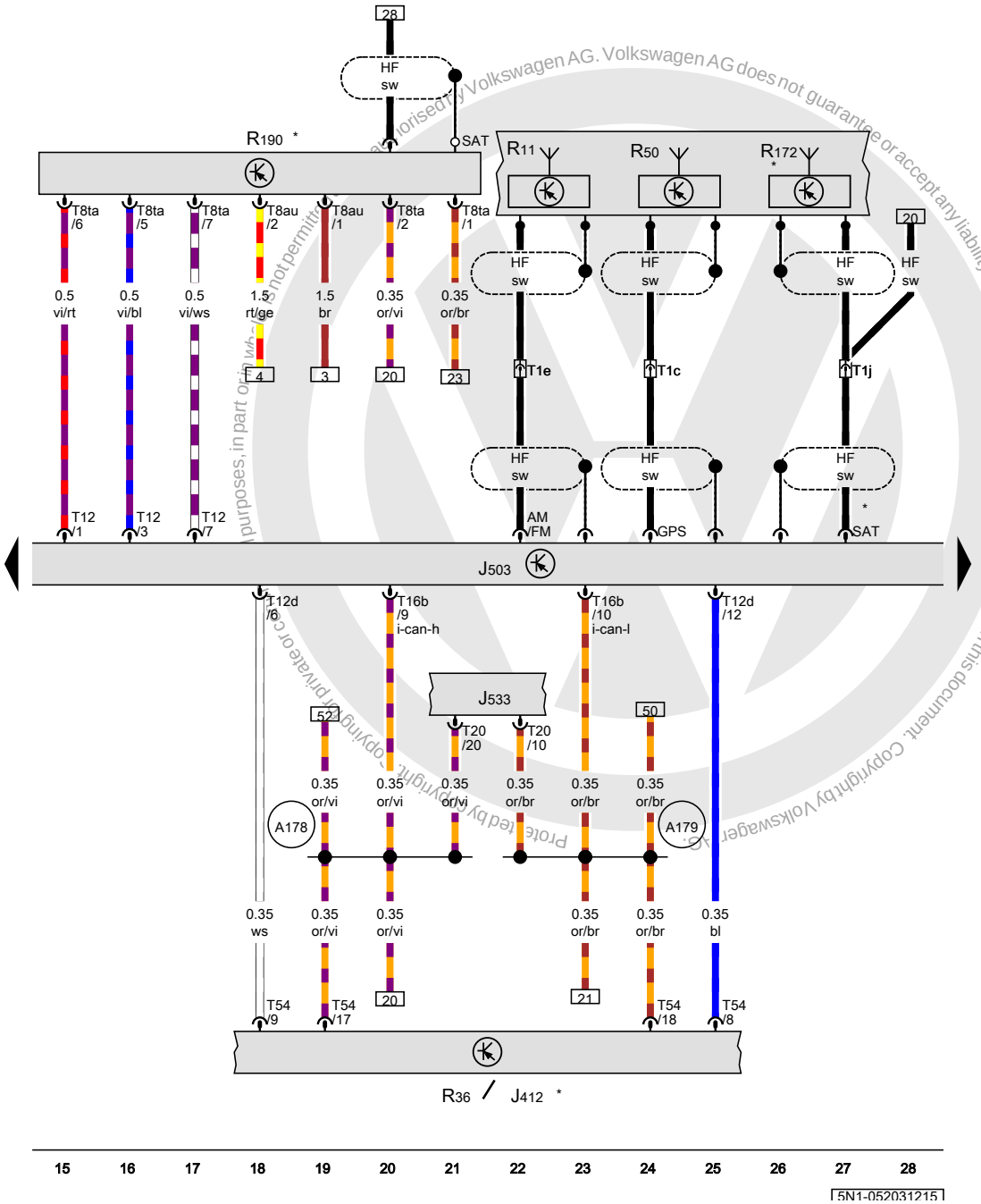


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit with display for radio and navigation, Onboard supply control unit, CD changer, Connection for external audio sources

J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R41	CD changer
R199	Connection for external audio sources
SB	Fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SC59	Fuse 59 on fuse holder C
T1	Single connector
T4aq	4-pin connector
T4ax	4-pin connector
T12	12-pin connector
T12a	12-pin connector
T16b	16-pin connector
T52b	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with CD changer/ prepared for CD changer
*2	According to equipment
*3	Only models with centre armrest
*4	From May 2011
*5	Up to May 2011
*6	Only models with no start/stop system
*7	Only models with start/stop system
*8	From May 2010

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Control unit with display for radio and navigation, Aerial, Telephone transmitter and receiver unit, Satellite digital radio tuner

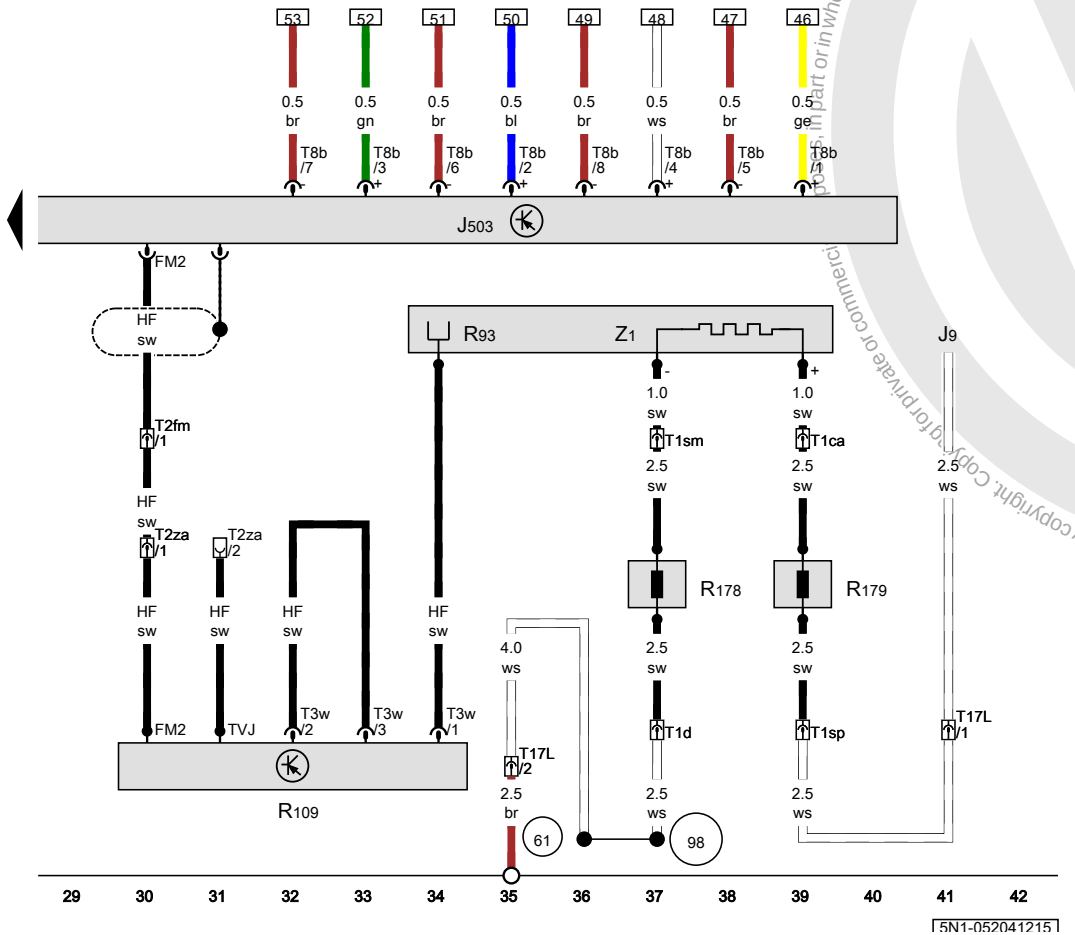
J412	Mobile telephone operating electronics control unit
J503	Control unit with display for radio and navigation
J533	Data bus diagnostic interface
R11	Aerial
R36	Telephone transmitter and receiver unit
R50	GPS aerial
R172	Satellite tuner aerial
R190	Satellite digital radio tuner
T1c	Single connector
T1e	Single connector
T1j	Single connector
T8au	8-pin connector
T8ta	8-pin connector
T12	12-pin connector
T12d	12-pin connector
T16b	16-pin connector
T20	20-pin connector
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Control unit with display for radio and navigation, Right aerial module, Heated rear window

J9	Heated rear window relay
J503	Control unit with display for radio and navigation
R93	Radio aerial 2
R109	Right aerial module
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T1ca	Single connector
T1d	Single connector
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T8b	8-pin connector
T17L	17-pin connector
Z1	Heated rear window
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness

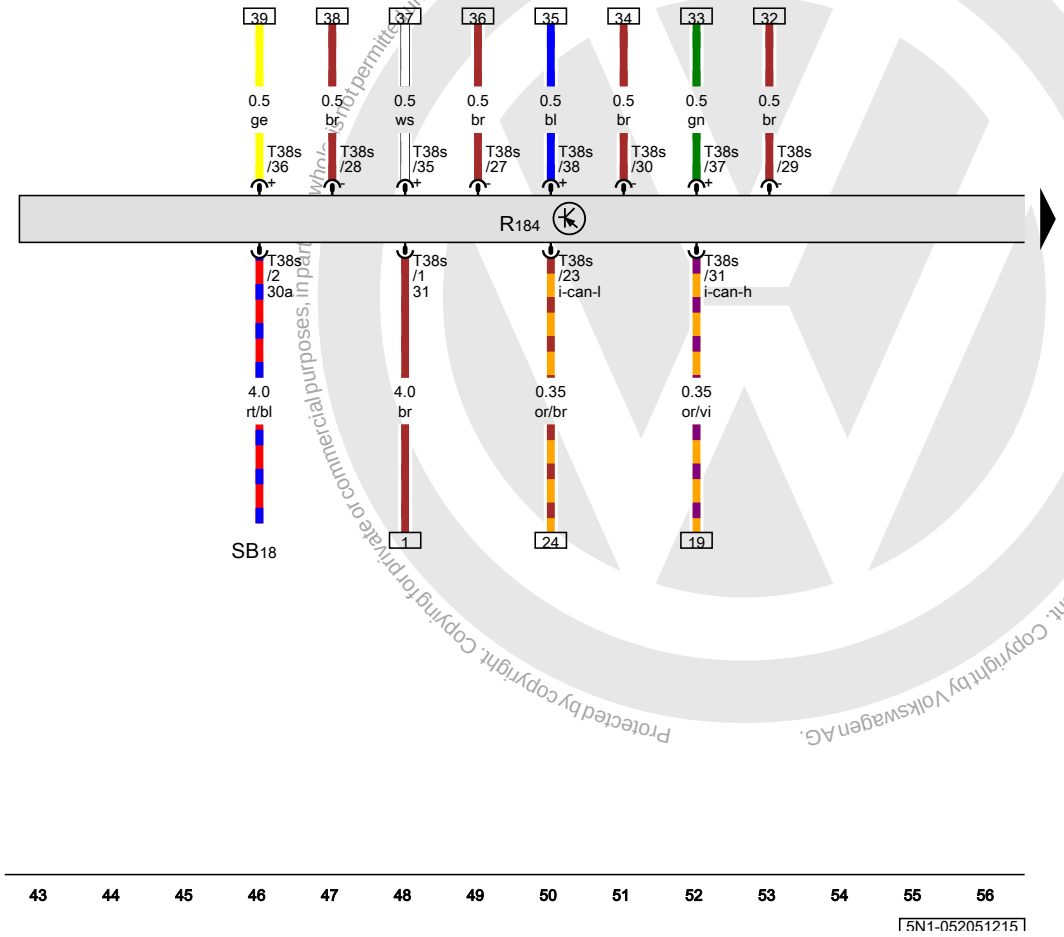


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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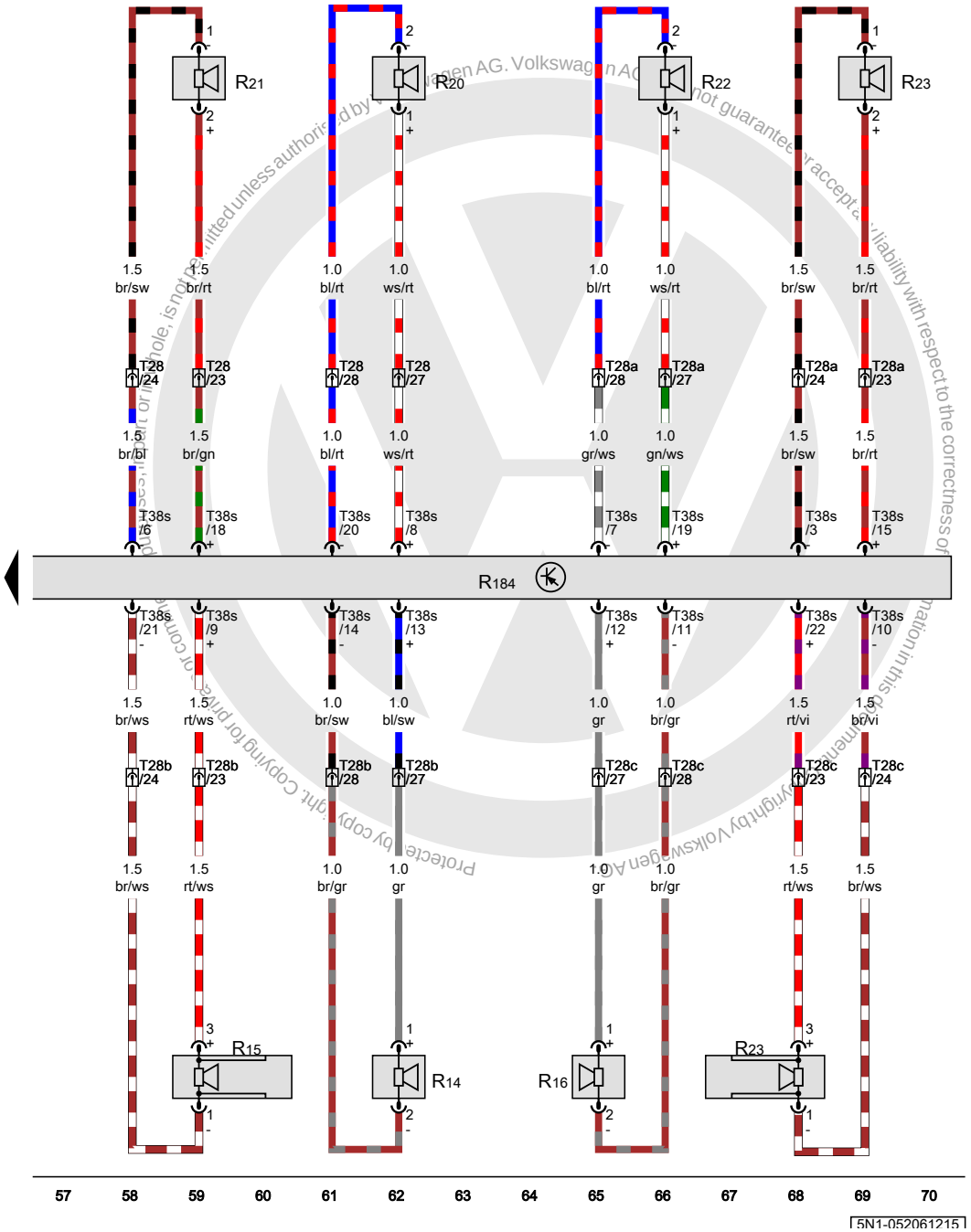
Digital sound package amplifier

R184	Digital sound package amplifier
SB18	Fuse 18 on fuse holder B
T38s	38-pin connector



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker, Digital sound package amplifier

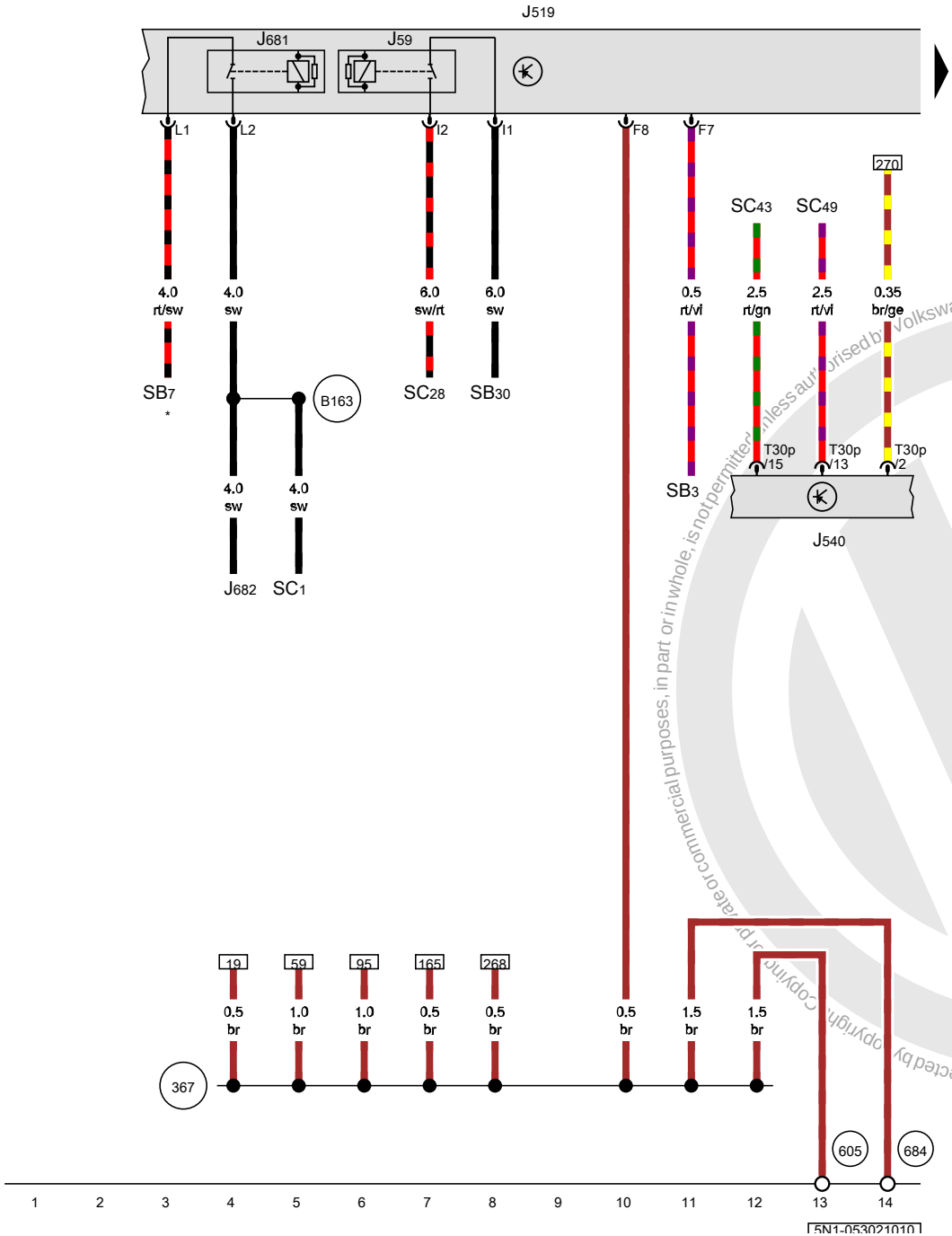
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R184	Digital sound package amplifier
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector
T38s	38-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Basic equipment (Canada, Mexico, USA)

From May 2008


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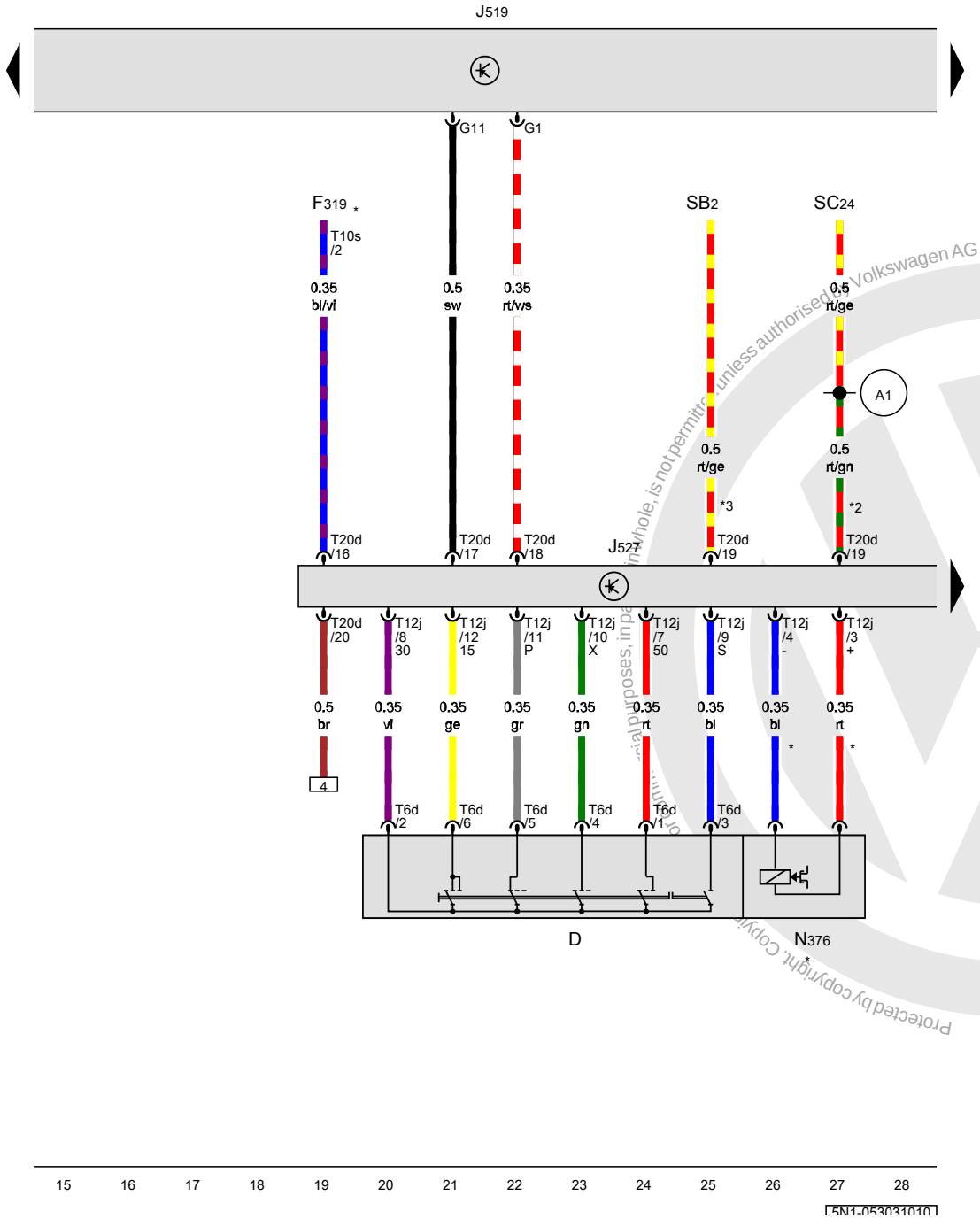


Onboard supply control unit, Control unit for electromechanical parking brake

J59	X-contact relief relay
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SC1	Fuse 1 on fuse holder C
SB3	Fuse 3 on fuse holder B
SB7	Fuse 7 on fuse holder B
SC28	Fuse 28 on fuse holder C
SB30	Fuse 30 on fuse holder B
SC43	Fuse 43 on fuse holder C
SC49	Fuse 49 on fuse holder C
T30p	30-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
B163	Positive connection 1 (15), in interior wiring harness
*	From May 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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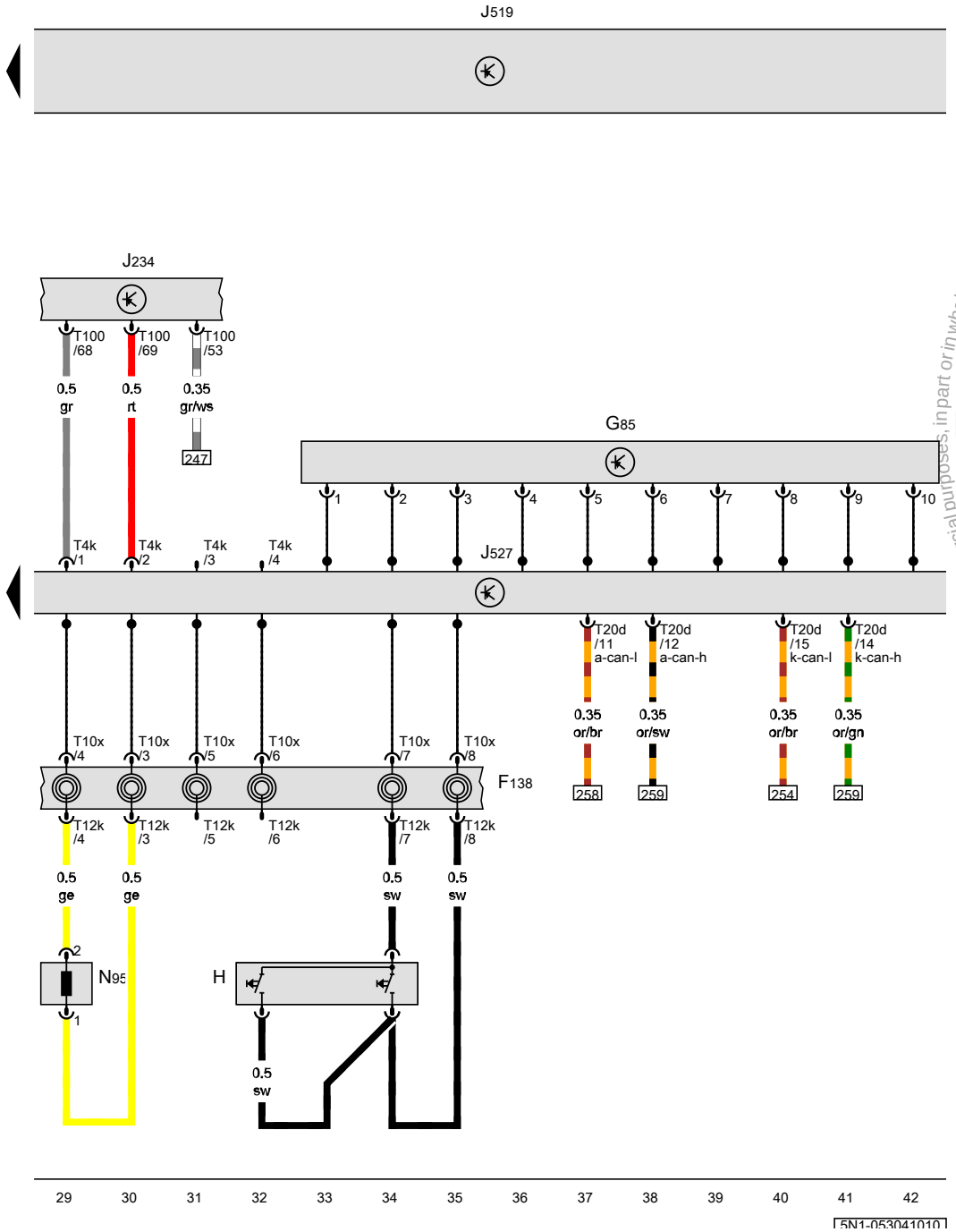


Ignition/starter switch, Onboard supply control unit, Steering column electronics control unit, Ignition key withdrawal lock solenoid

D	Ignition/starter switch
F319	Selector lever locked in position P switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
N376	Ignition key withdrawal lock solenoid
SB2	Fuse 2 on fuse holder B
SC24	Fuse 24 on fuse holder C
T6d	6-pin connector
T10s	10-pin connector
T12j	12-pin connector
T20d	20-pin connector
A1	Positive connection (30a), in dash panel wiring harness
*	Only models with automatic gearbox
*2	From May 2008
*3	Up to May 2008

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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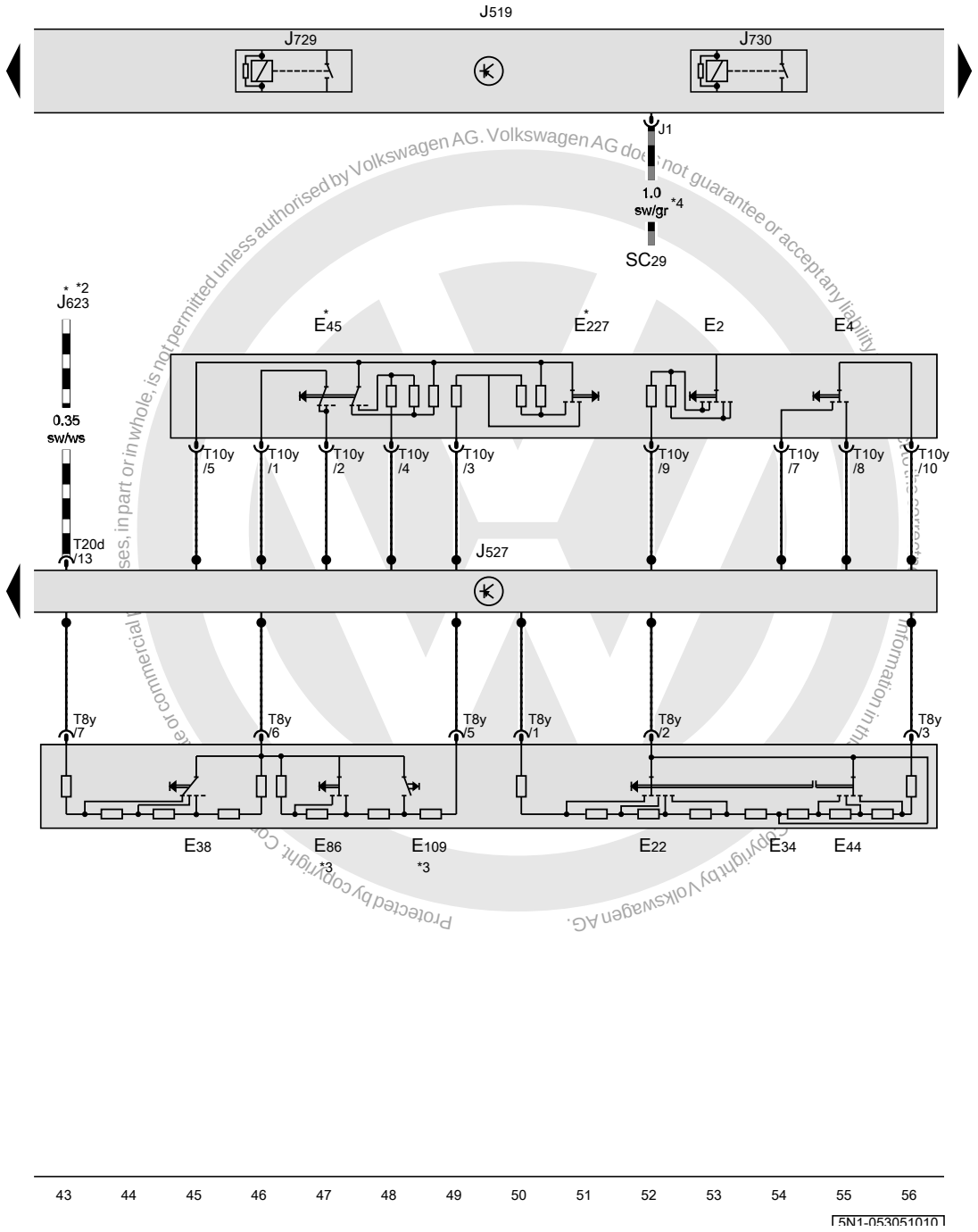


Airbag coil connector and return ring with slip ring, Steering angle sender, Horn plate, Airbag control unit, Onboard supply control unit, Steering column electronics control unit, Driver side airbag igniter

F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
T4k	4-pin connector
T10x	10-pin connector
T12k	12-pin connector
T20d	20-pin connector
T100	100-pin connector

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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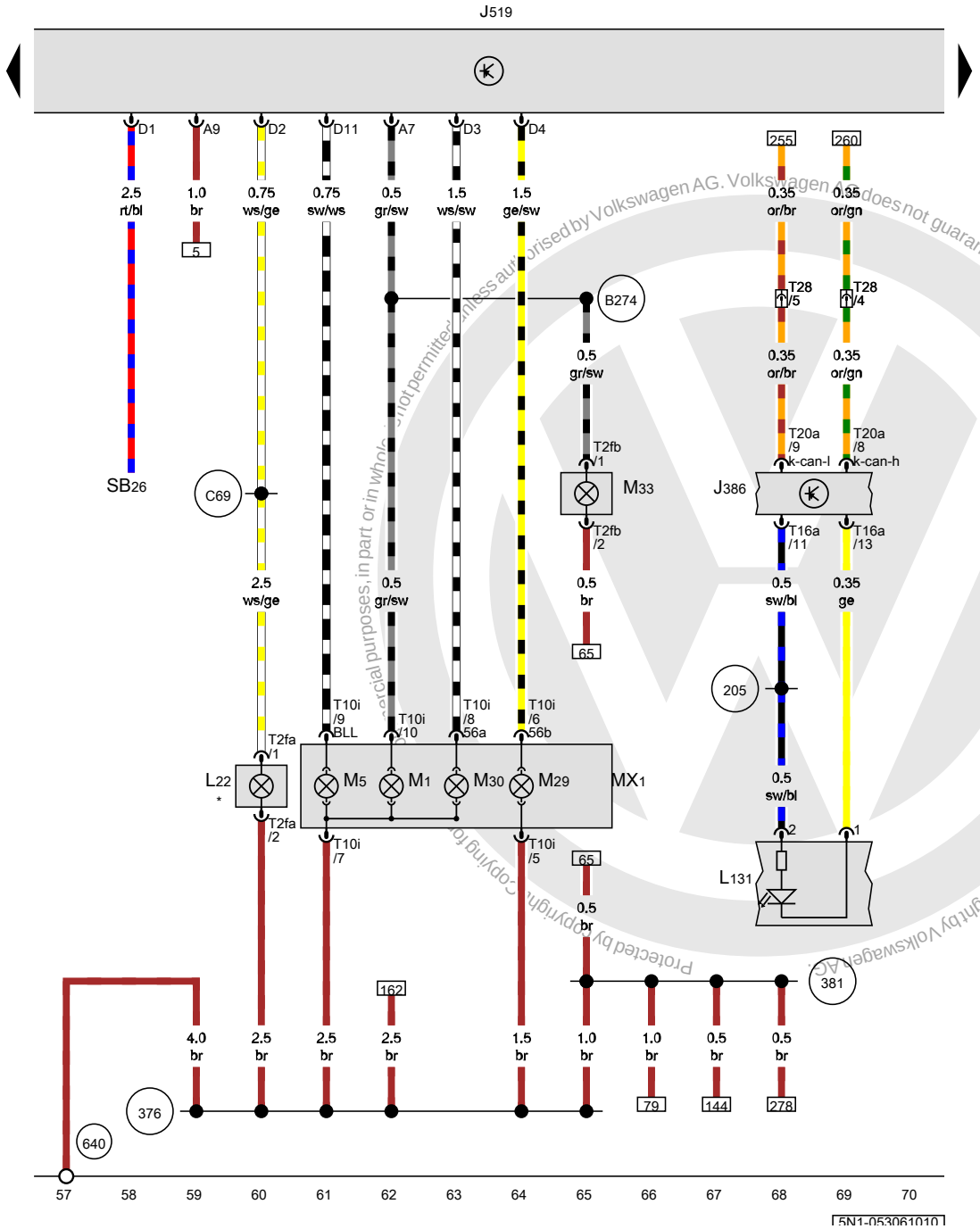
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Cruise control system (CCS) SET button, Onboard supply control unit, Steering column electronics control unit

E2	Turn signal switch
E4	Headlight dipper and flasher switch
E22	Intermittent wiper switch
E34	Rear wiper switch
E38	Intermittent wiper regulator
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E45	Cruise control system switch
E86	Multifunction display call-up button
E109	Multifunction display memory switch
E227	Cruise control system (CCS) SET button
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J729	Double washer pump relay 1
J730	Double washer pump relay 2
SC29	Fuse 29 on fuse holder C
T8y	8-pin connector
T10y	10-pin connector
T20d	20-pin connector
(640)	Earth point 2, left in engine compartment

*	Only models with cruise control system (CCS)
*2	see applicable current flow diagram for engine
*3	Only models with multifunction display
*4	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

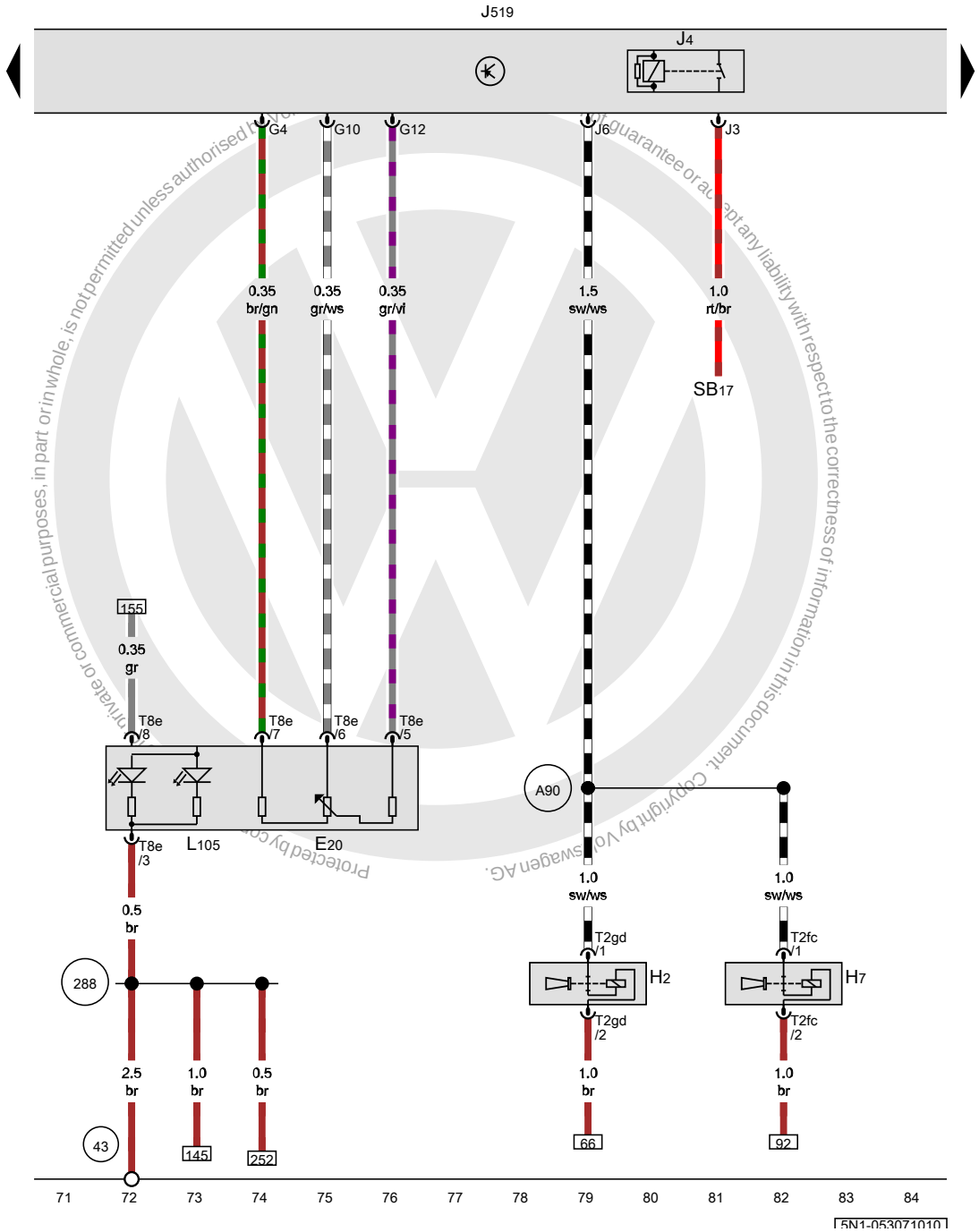


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Driver door control unit, Onboard supply control unit, Left fog light bulb, Driver side turn signal repeater bulb, Front left headlight

J386	Driver door control unit
J519	Onboard supply control unit
L22	Left fog light bulb
L131	Driver side turn signal repeater bulb
M1	Left side light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
M33	Front left side marker bulb
SB26	Fuse 26 on fuse holder B
T2fa	2-pin connector
T2fb	2-pin connector
T10i	10-pin connector
T16a	16-pin connector
T20a	20-pin connector
T28	28-pin connector
205	Earth connection, in driver door wiring harness
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B274	Positive connection (58L), in main wiring harness
C69	Front left connection (fog light),, in main wiring harness
*	According to equipment

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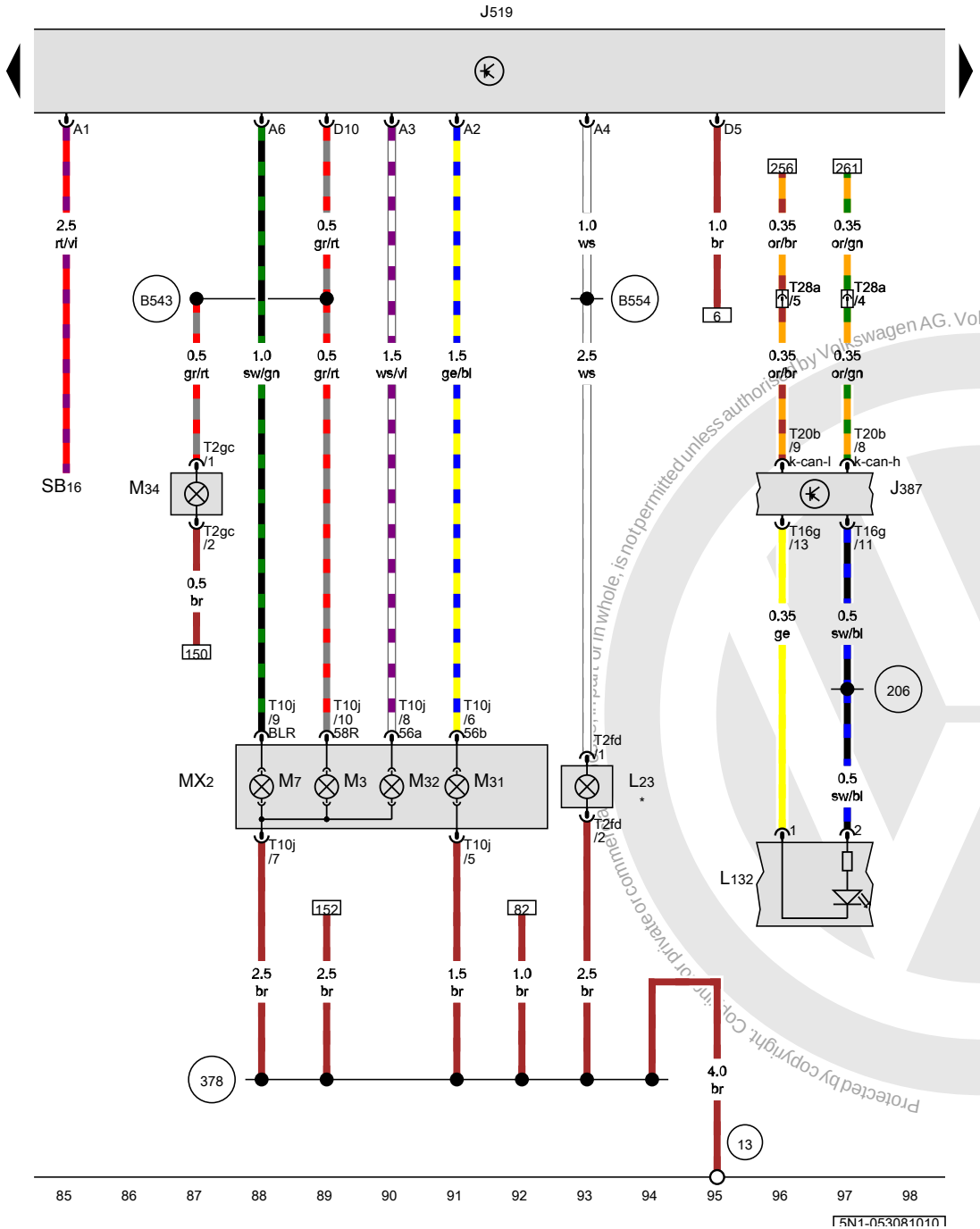


Switch and instrument illumination regulator, Onboard supply control unit

E20	Switch and instrument illumination regulator
H2	Treble horn
H7	Bass horn
J4	Dual tone horn relay
J519	Onboard supply control unit
L105	Illumination regulator illumination bulb
SB17	Fuse 17 on fuse holder B
T2fc	2-pin connector
T2gd	2-pin connector
T8e	8-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
A90	Connection (dual tone horn), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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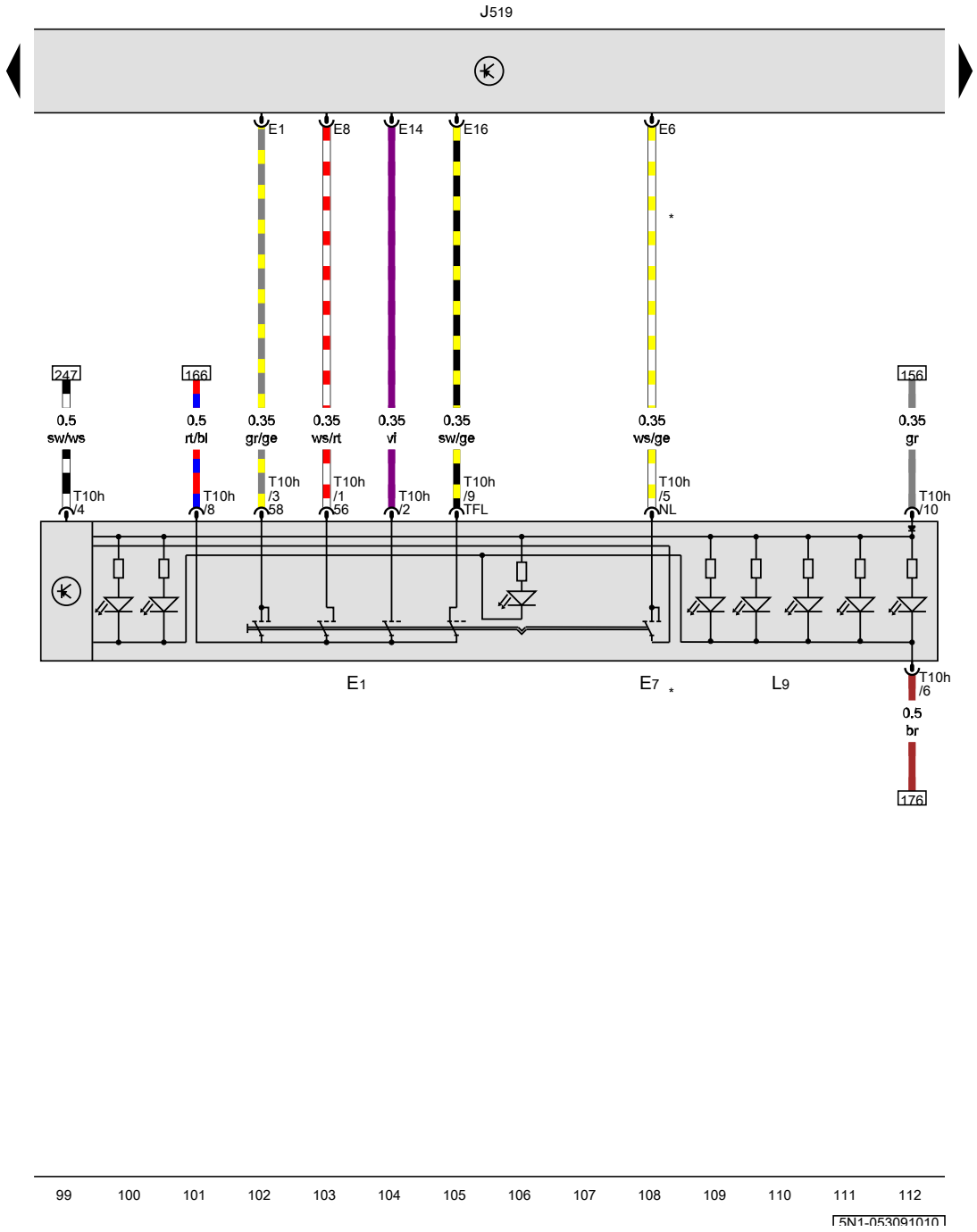


Front passenger door control unit, Onboard supply control unit, Right fog light bulb, Front passenger side turn signal repeater bulb, Front right headlight

J387	Front passenger door control unit
J519	Onboard supply control unit
L23	Right fog light bulb
L132	Front passenger side turn signal repeater bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
M34	Front right side marker bulb
SB16	Fuse 16 on fuse holder B
T2fd	2-pin connector
T2gc	2-pin connector
T10j	10-pin connector
T16g	16-pin connector
T20b	20-pin connector
T28a	28-pin connector
13	Earth point, on right in engine compartment
206	Earth connection, in front passenger door wiring harness
378	Earth connection 13, in main wiring harness
B543	Positive connection (58R), in main wiring harness
B554	Connection (fog light), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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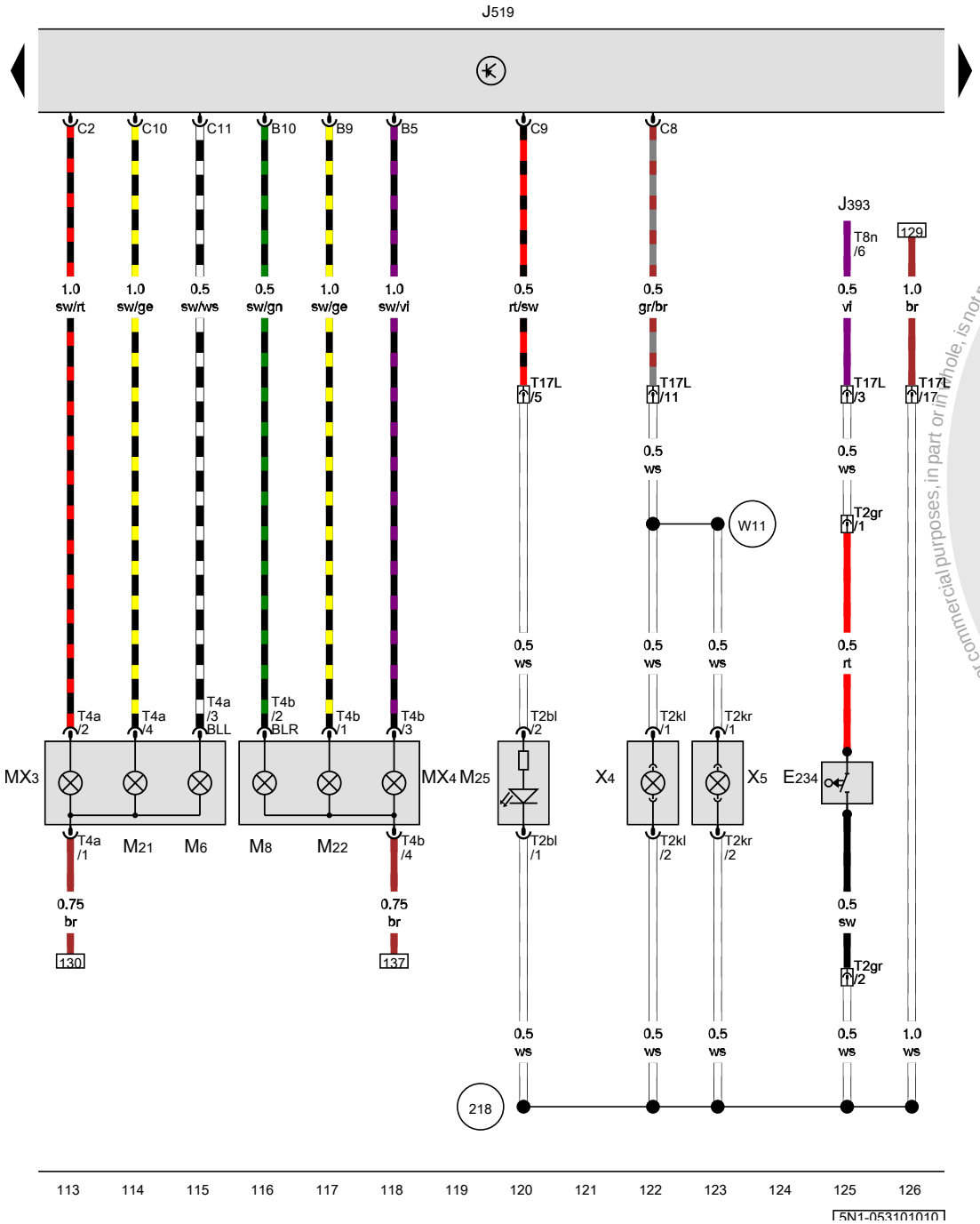


Light switch, Onboard supply control unit

E1	Light switch
E7	Fog light switch
J519	Onboard supply control unit
L9	Light switch illumination bulb
T10h	10-pin connector
*	According to equipment

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ro	=	red
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gn	=	green
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or	=	orange
rs	=	pink

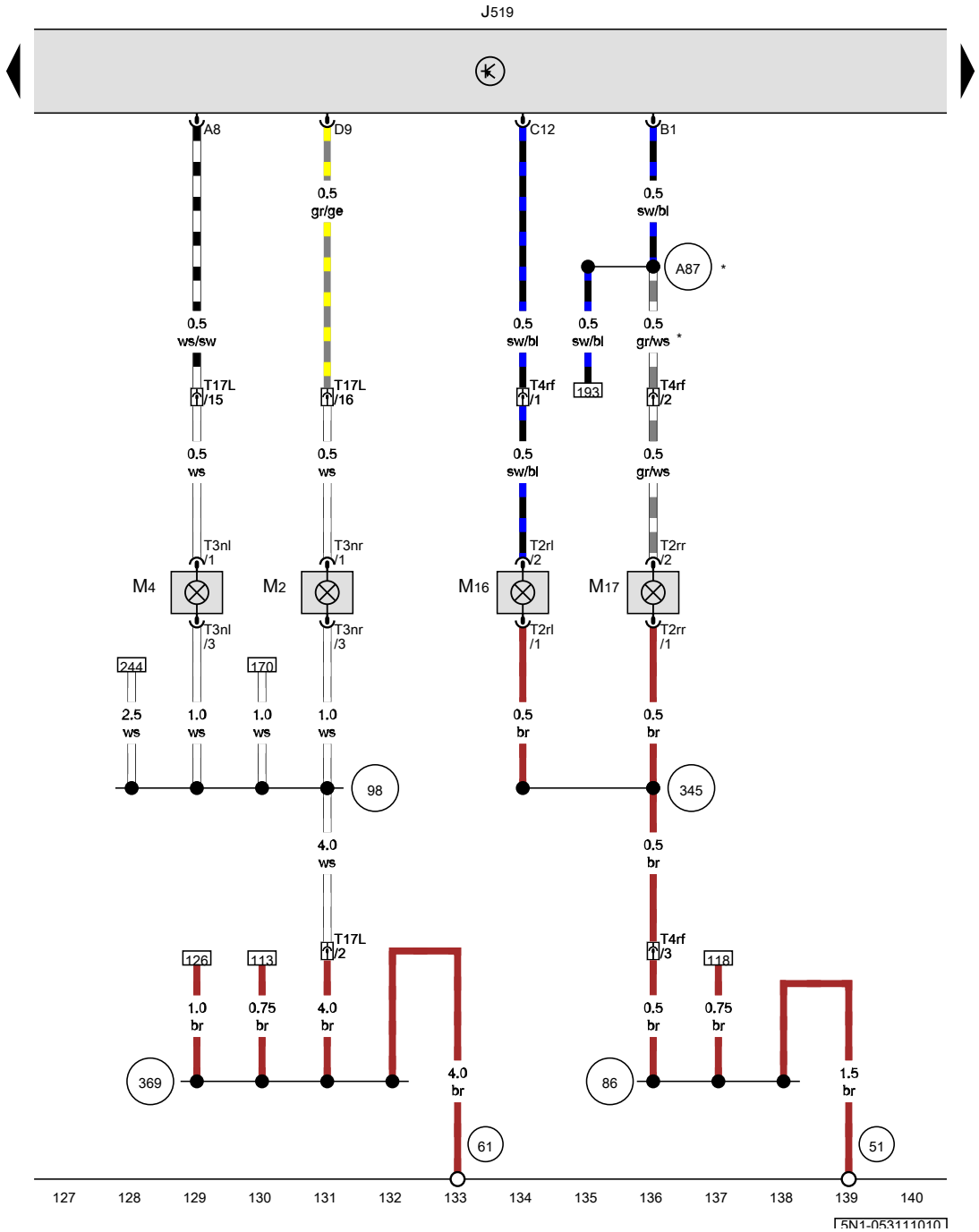


Onboard supply control unit, Left tail light, Right tail light, Additional brake light bulb, Left number plate light, Right number plate light

E234	Rear lid handle release button
J393	Convenience system central control unit
J519	Onboard supply control unit
MX3	Left tail light
MX4	Right tail light
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	Additional brake light bulb
T2bl	2-pin connector
T2gr	2-pin connector
T2kl	2-pin connector
T2kr	2-pin connector
T4a	4-pin connector
T4b	4-pin connector
T8n	8-pin connector
T17L	17-pin connector
X4	Left number plate light
X5	Right number plate light
218	Earth connection 1, in rear lid wiring harness
W11	Connection (58), in rear lid wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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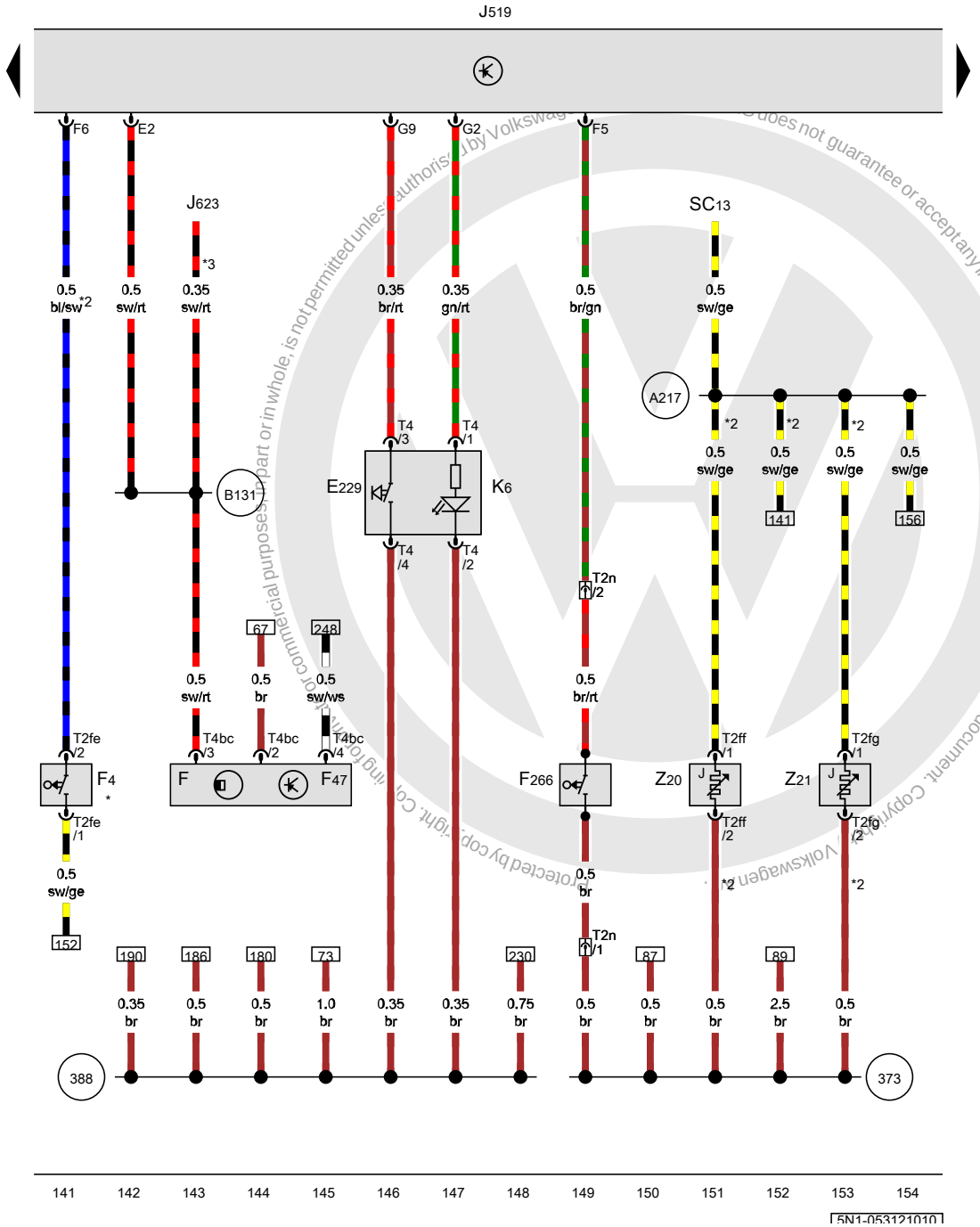


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Right tail light bulb, Left tail light bulb, Left reversing light bulb, Right reversing light bulb

J519	Onboard supply control unit
M2	Right tail light bulb
M4	Left tail light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
T2rl	2-pin connector
T2rr	2-pin connector
T3nl	3-pin connector
T3nr	3-pin connector
T4rf	4-pin connector
T17L	17-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
86	Earth connection 1, in rear wiring harness
98	Earth connection, in rear lid wiring harness
345	Earth connection, in bumper wiring harness
369	Earth connection 4, in main wiring harness
A87	Connection (RL), in dash panel wiring harness
*	According to equipment

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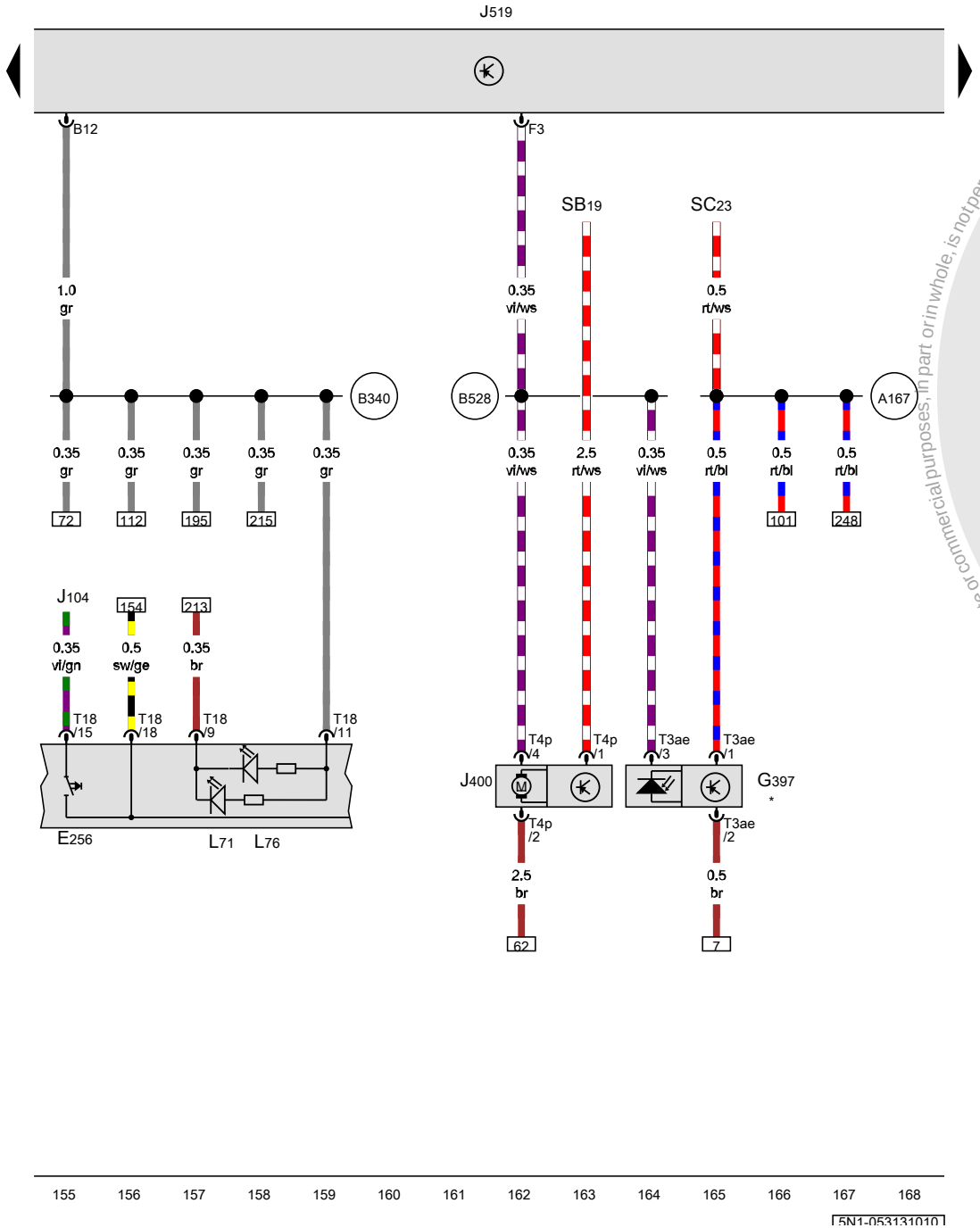


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Hazard warning lights button, Brake light switch, Reversing light switch, Bonnet contact switch, Onboard supply control unit, Left washer jet heater element, Right washer jet heater element

E229	Hazard warning lights button
F	Brake light switch
F4	Reversing light switch
F47	Brake pedal switch
F266	Bonnet contact switch
J519	Onboard supply control unit
J623	Engine control unit
K6	Indicator lamp for hazard warning light
SC13	Fuse 13 on fuse holder C
T2fe	2-pin connector
T2ff	2-pin connector
T2fg	2-pin connector
T2n	2-pin connector
T4	4-pin connector
T4bc	4-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
373	Earth connection 8, in main wiring harness
388	Earth connection 23, in main wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B131	Connection (54), in interior wiring harness
*	Only models with automatic gearbox
*2	According to equipment
*3	see applicable current flow diagram for engine

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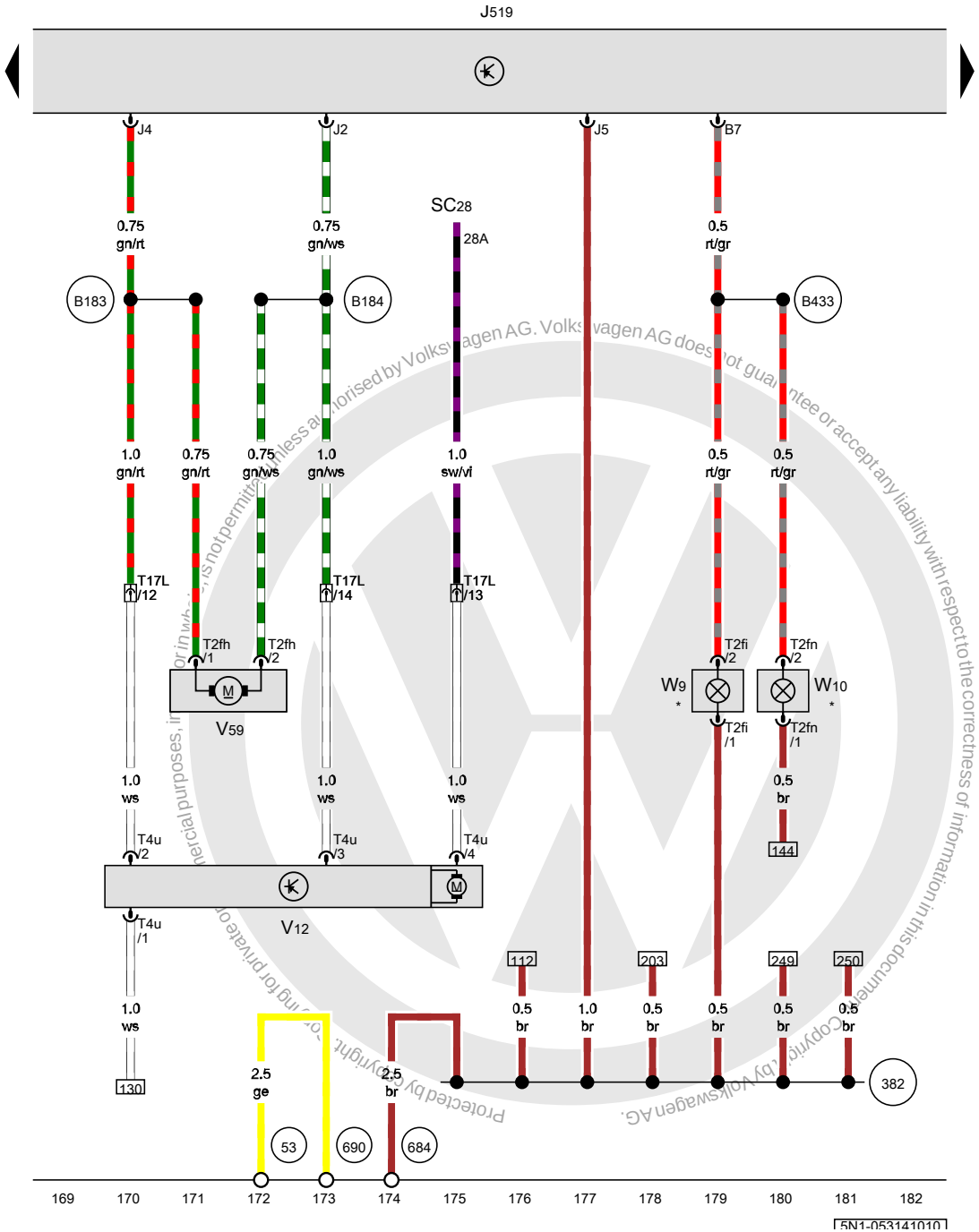


TCS and ESP button, Rain and light sensor, Wiper motor control unit, Onboard supply control unit

E256	TCS and ESP button
G397	Rain and light sensor
J104	ABS control unit
J400	Wiper motor control unit
J519	Onboard supply control unit
L71	Traction control switch illumination bulb
L76	Button illumination bulb
SB19	Fuse 19 on fuse holder B
SC23	Fuse 23 on fuse holder C
T3ae	3-pin connector
T4p	4-pin connector
T18	18-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
B340	Connection 1 (58d), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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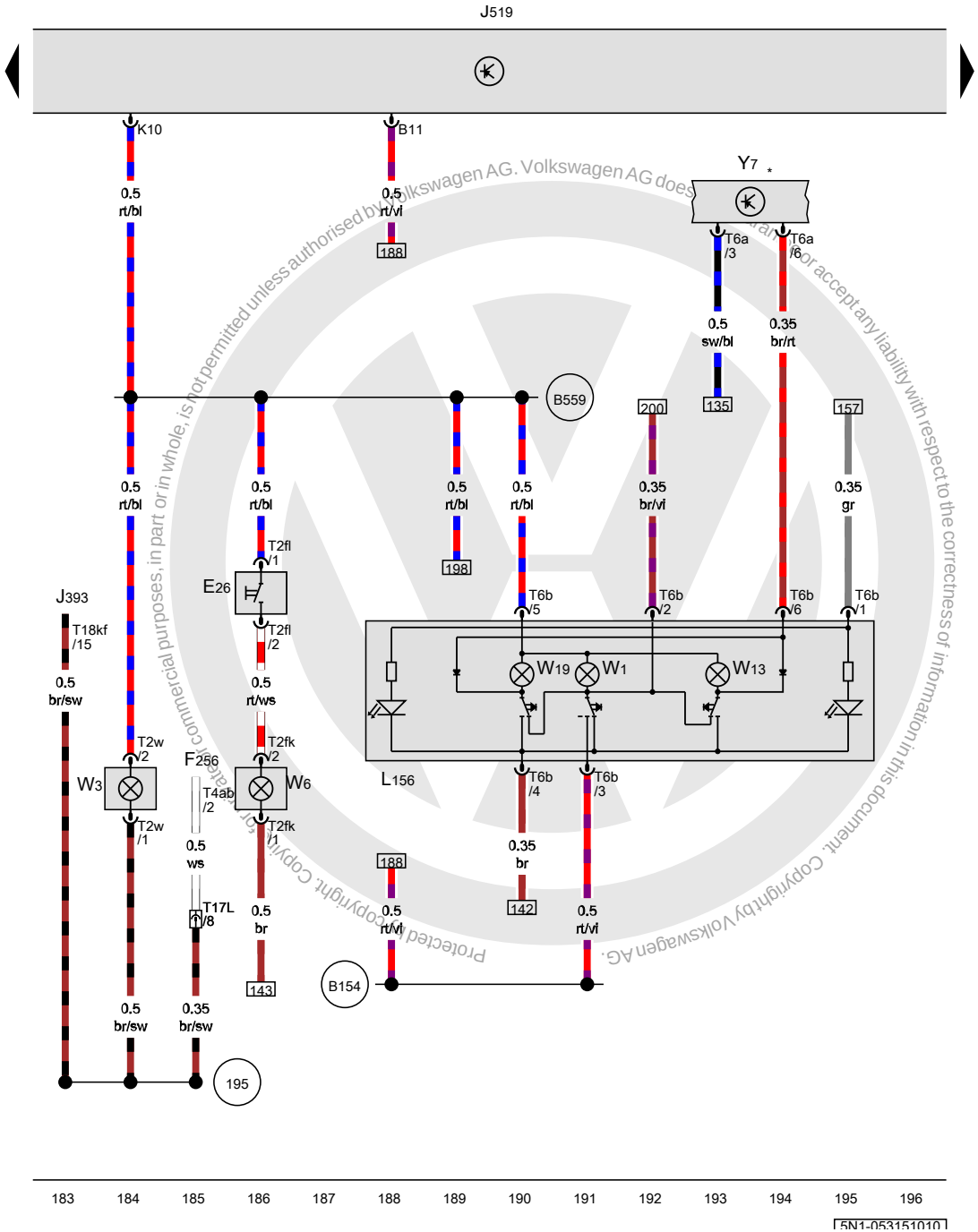


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump, Left footwell light, Right footwell light

J519	Onboard supply control unit
SC28	Fuse 28 on fuse holder C
T2fh	2-pin connector
T2fi	2-pin connector
T2fn	2-pin connector
T4u	4-pin connector
T17L	17-pin connector
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
W9	Left footwell light
W10	Right footwell light
53	Earth point, on right in rear lid
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
690	Earth point, rear centre roof frame
B183	Connection 1 (washer pump), in interior wiring harness
B184	Connection 2 (washer pump), in interior wiring harness
B433	Connection (footwell light), in main wiring harness
*	According to equipment

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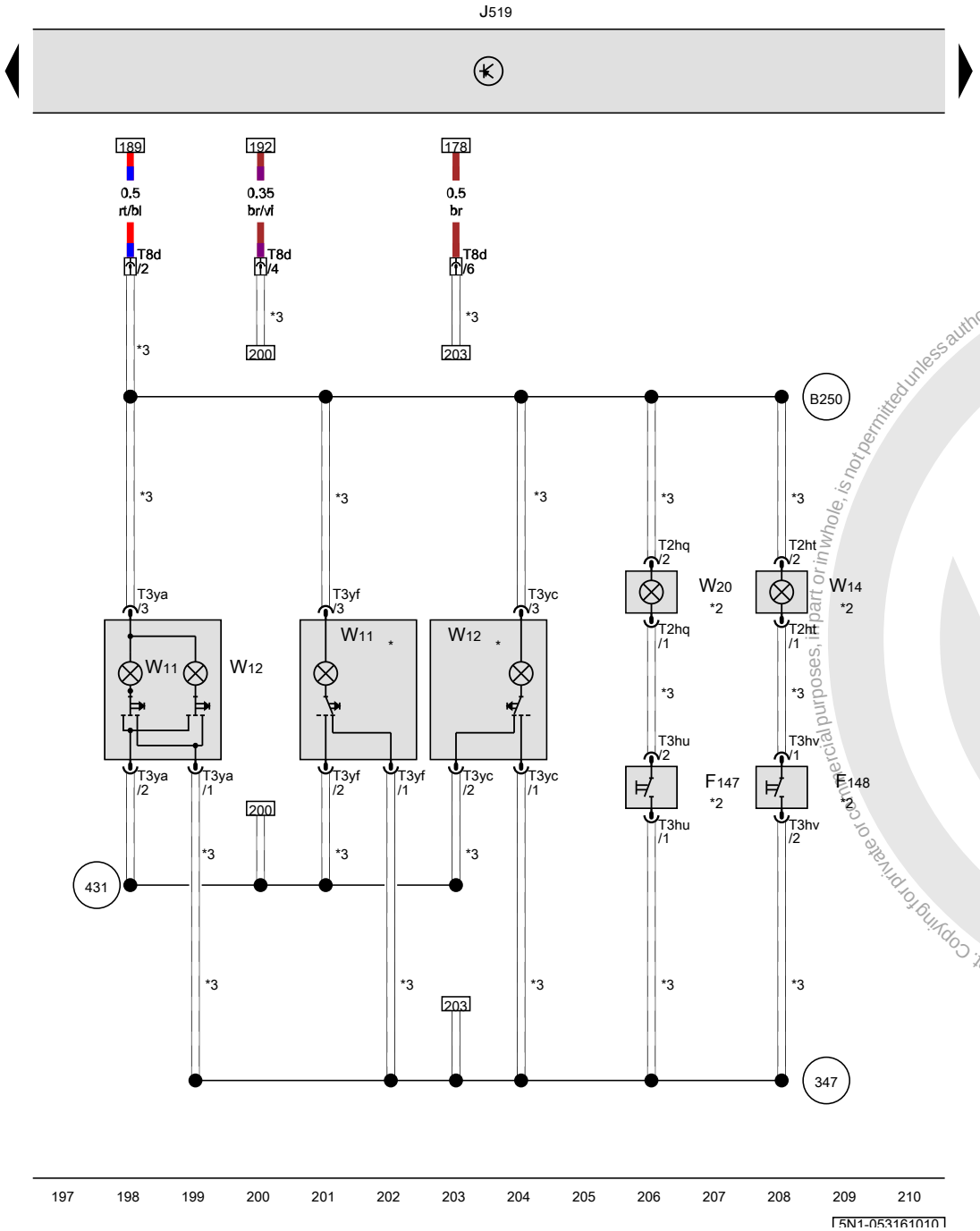


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Onboard supply control unit, Front interior light, Luggage compartment light, Glove compartment light, Automatic anti-dazzle interior mirror

E26	Glove compartment light switch
F256	Rear lid lock unit
J393	Convenience system central control unit
J519	Onboard supply control unit
L156	Switch illumination bulb
T2fk	2-pin connector
T2fl	2-pin connector
T2w	2-pin connector
T4ab	4-pin connector
T6a	6-pin connector
T6b	6-pin connector
T17L	17-pin connector
T18kf	18-pin connector
W1	Front interior light
W3	Luggage compartment light
W6	Glove compartment light
W13	Front passenger reading light
W19	Driver side reading light
Y7	Automatic anti-dazzle interior mirror
195	Earth connection, in rear door switch wiring harness
B154	Connection 1 (DCt), in interior wiring harness
B559	Positive connection 1 (30g) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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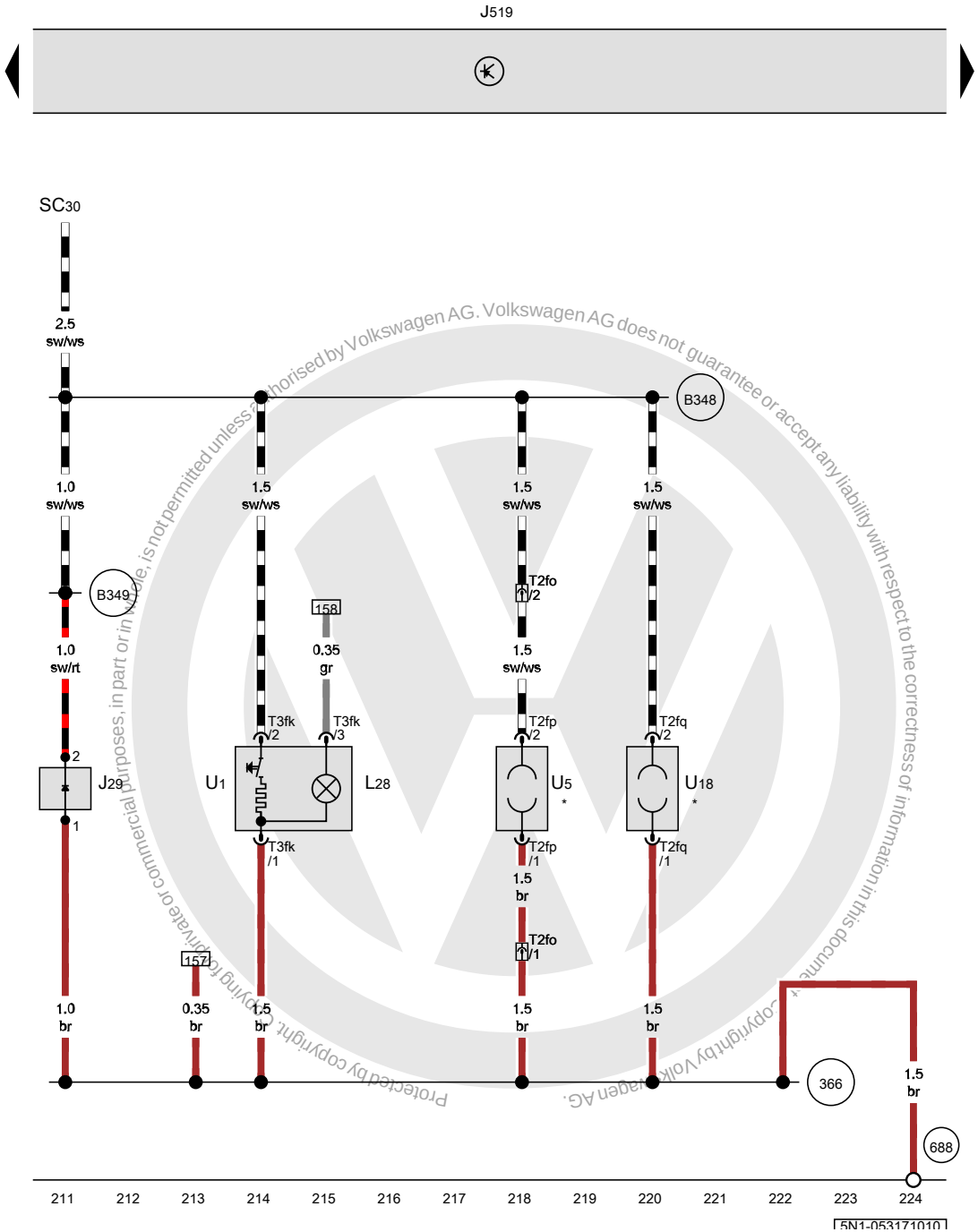


Onboard supply control unit, Rear left reading light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
J519	Onboard supply control unit
T2hq	2-pin connector
T2ht	2-pin connector
T3hu	3-pin connector
T3hv	3-pin connector
T3ya	3-pin connector
T3yc	3-pin connector
T3yf	3-pin connector
T8d	8-pin connector
W11	Rear left reading light
W12	Rear right reading light
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
347	Earth connection, in roof wiring harness
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
*	Only models with sliding/tilting sunroof
*2	According to equipment
*3	Flat conductor

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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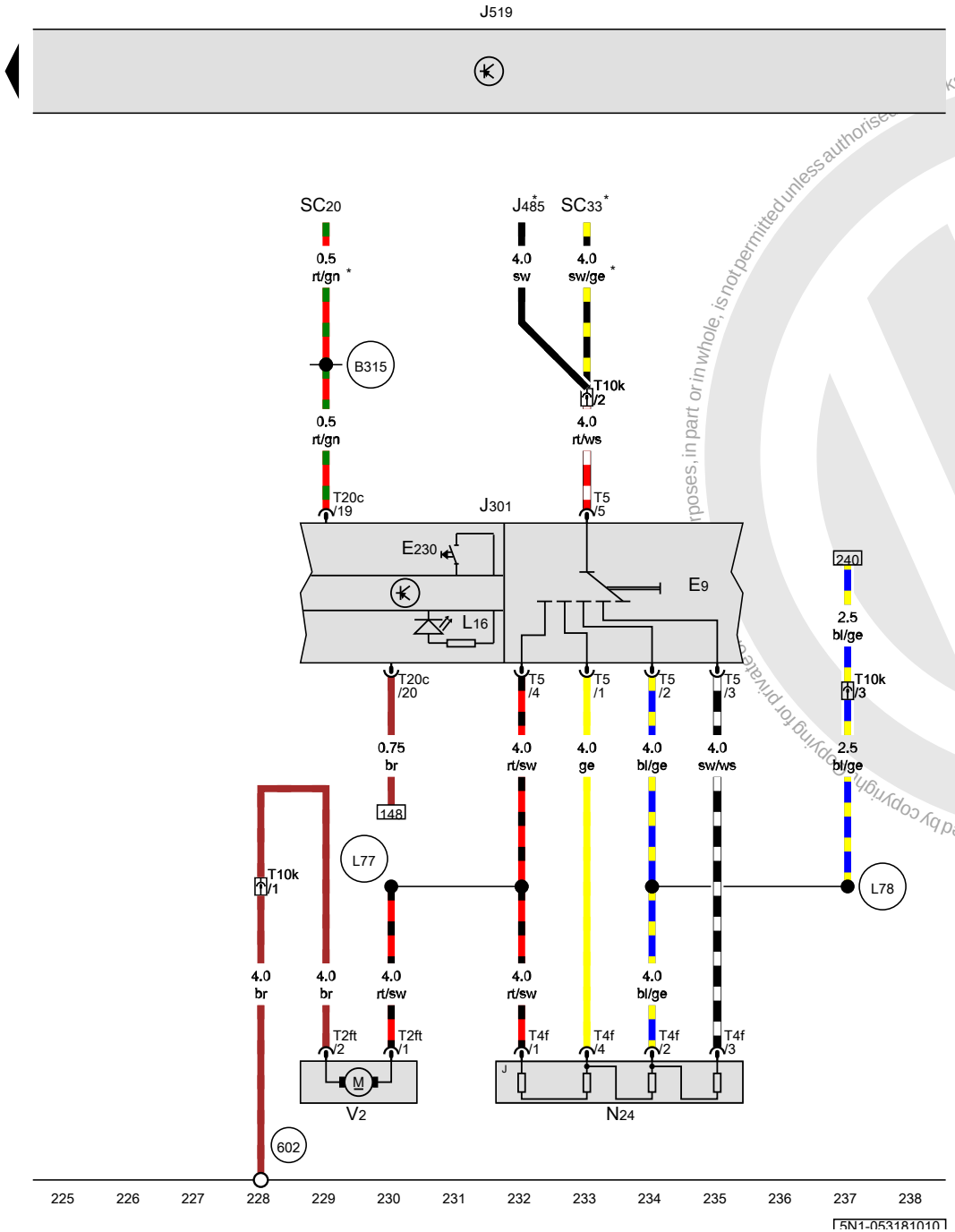


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li = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Cigarette lighter, 12 V socket, 12 V socket 2

J29	Blocking diode
J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
SC30	Fuse 30 on fuse holder C
T2fo	2-pin connector
T2fp	2-pin connector
T2fq	2-pin connector
T3fk	3-pin connector
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B348	Connection 1 (75a), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
*	According to equipment

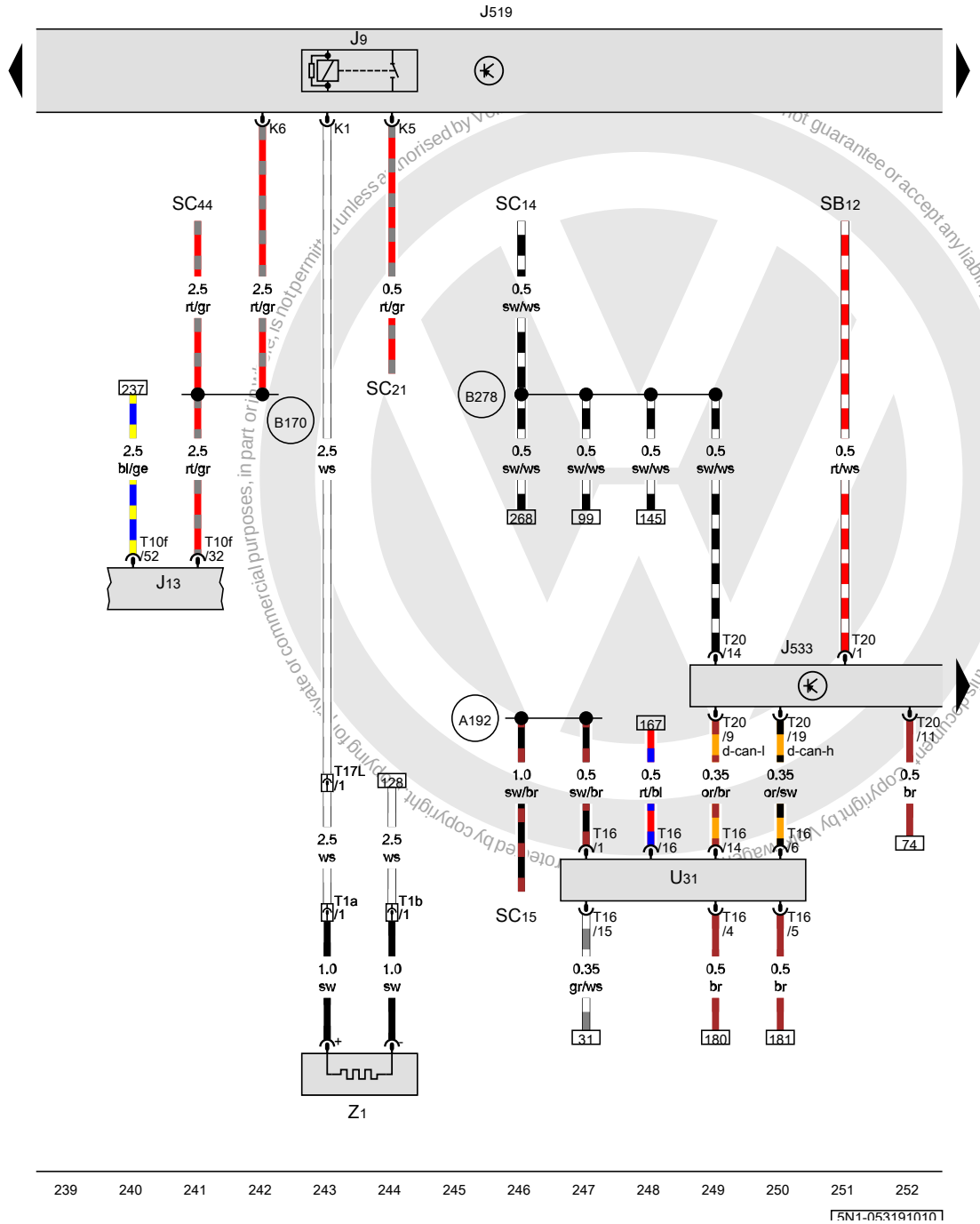


Fresh air blower switch, Heated rear window button, Air conditioning system control unit, Onboard supply control unit, Fresh air regulator illumination bulb

E9	Fresh air blower switch
E230	Heated rear window button
J301	Air conditioning system control unit
J485	Auxiliary heater operation relay
J519	Onboard supply control unit
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
SC20	Fuse 20 on fuse holder C
SC33	Fuse 33 on fuse holder C
T2ft	2-pin connector
T4f	4-pin connector
T5	5-pin connector
T10k	10-pin connector
T20c	20-pin connector
V2	Fresh air blower
602	Earth point, in front left footwell
B315	Positive connection 1 (30a) in main wiring harness
L77	Connection, in fresh air blower wiring harness
L78	Connection 1, in fresh air blower wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

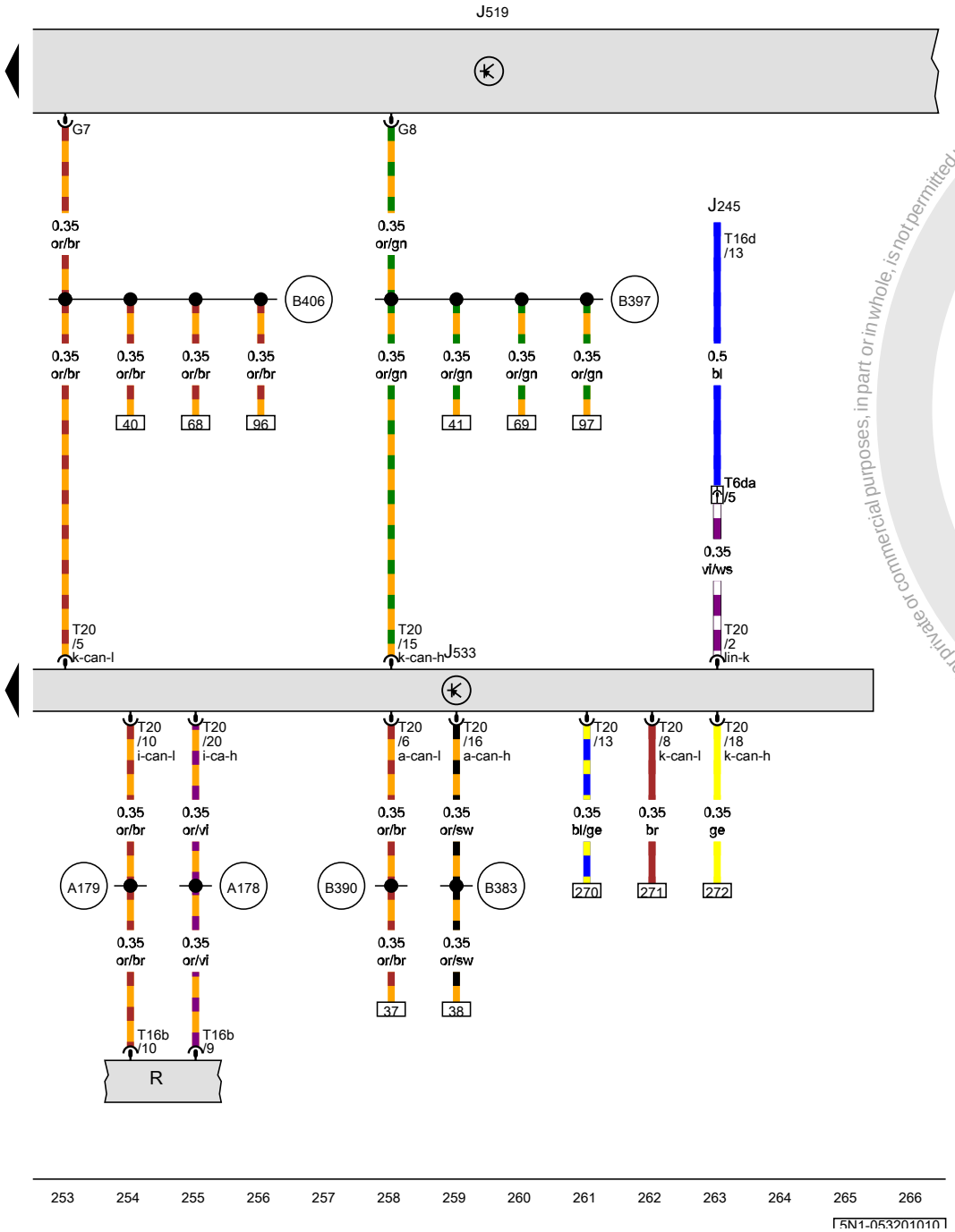
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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Data bus diagnostic interface, Diagnostic connection, Heated rear window

J9	Heated rear window relay
J13	Fresh air blower relay
J519	Onboard supply control unit
J533	Data bus diagnostic interface
SB12	Fuse 12 on fuse holder B
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC21	Fuse 21 on fuse holder C
SC44	Fuse 44 on fuse holder C
T1a	Single connector
T1b	Single connector
T10f	10-pin connector
T16	16-pin connector
T17L	17-pin connector
T20	20-pin connector
U31	Diagnostic connection
Z1	Heated rear window
A192	Positive connection 3 (15a) in dash panel wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness



Onboard supply control unit, Data bus diagnostic interface

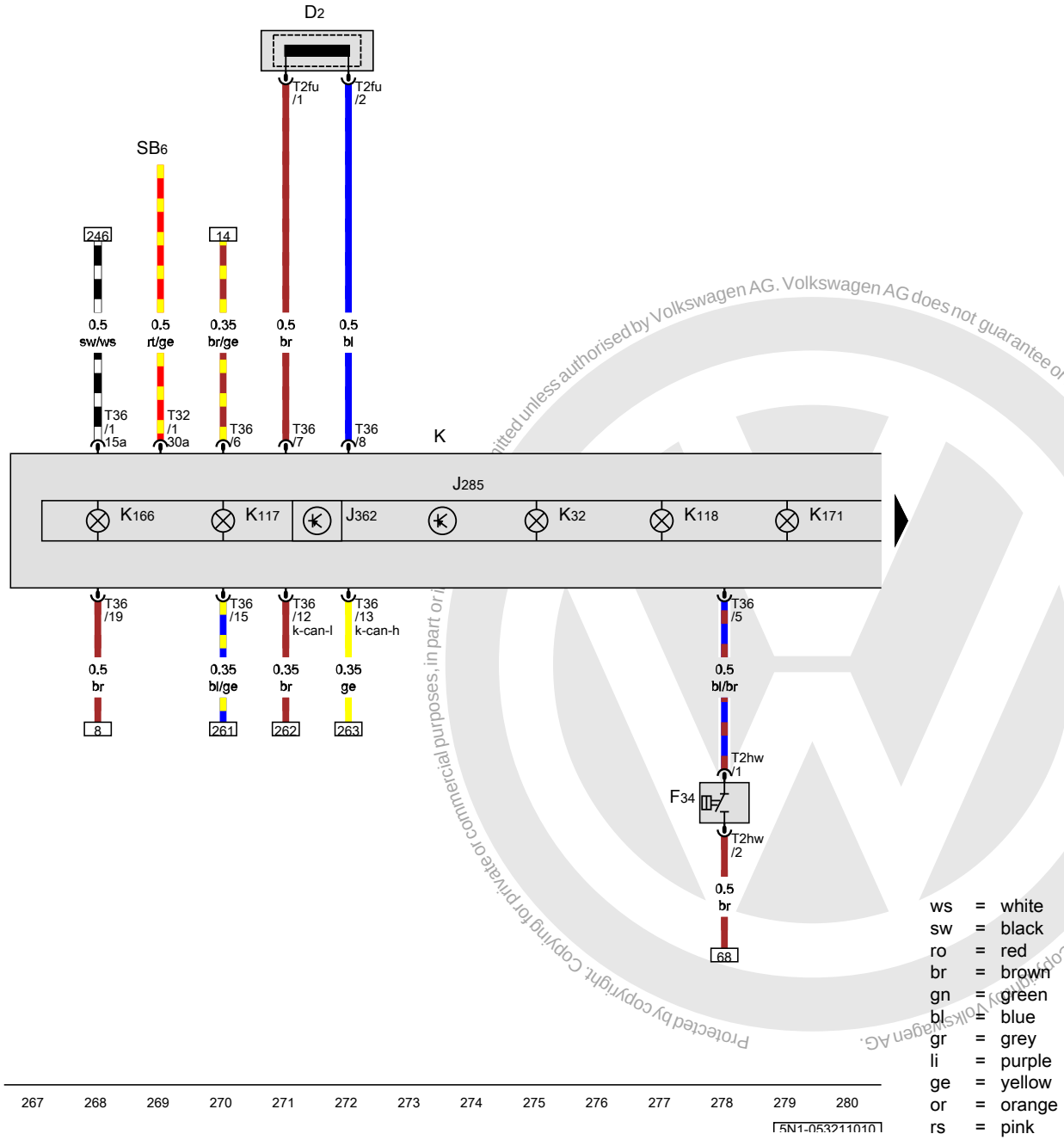
J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
R	Radio
T6da	6-pin connector
T16b	16-pin connector
T16d	16-pin connector
T20	20-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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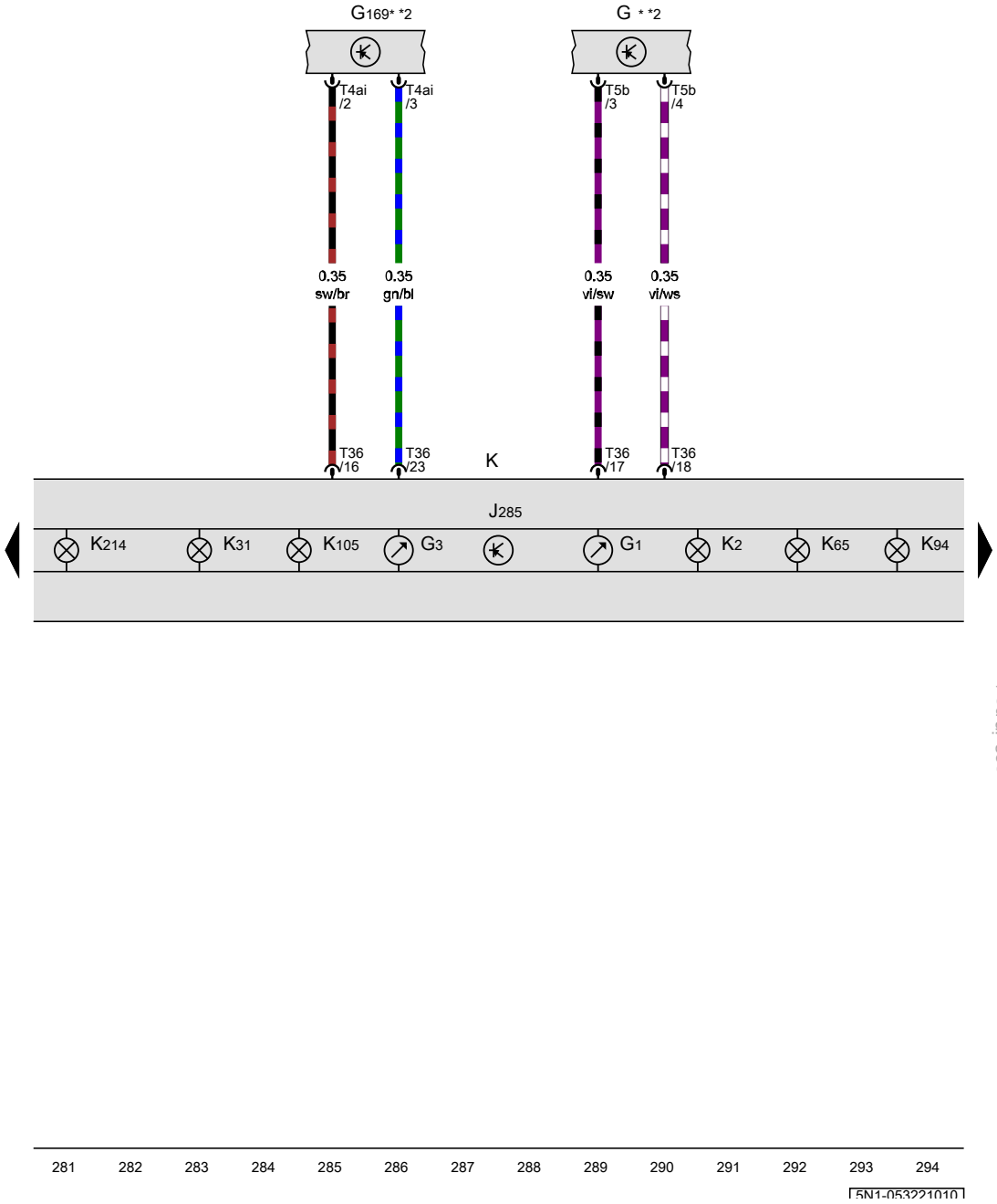
Immobiliser reader coil, Control unit in dash panel insert, Dash panel insert

D2	Immobiliser reader coil
F34	Brake fluid level warning contact
J285	Control unit in dash panel insert
J362	Immobiliser control unit
K	Dash panel insert
K32	Brake pad warning lamp
K117	Immobiliser warning lamp
K118	Brake system warning lamp
K166	Door open warning lamp
K171	Bonnet open warning lamp
SB6	Fuse 6 on fuse holder B
T2fu	2-pin connector
T2hw	2-pin connector
T32	32-pin connector
T36	36-pin connector



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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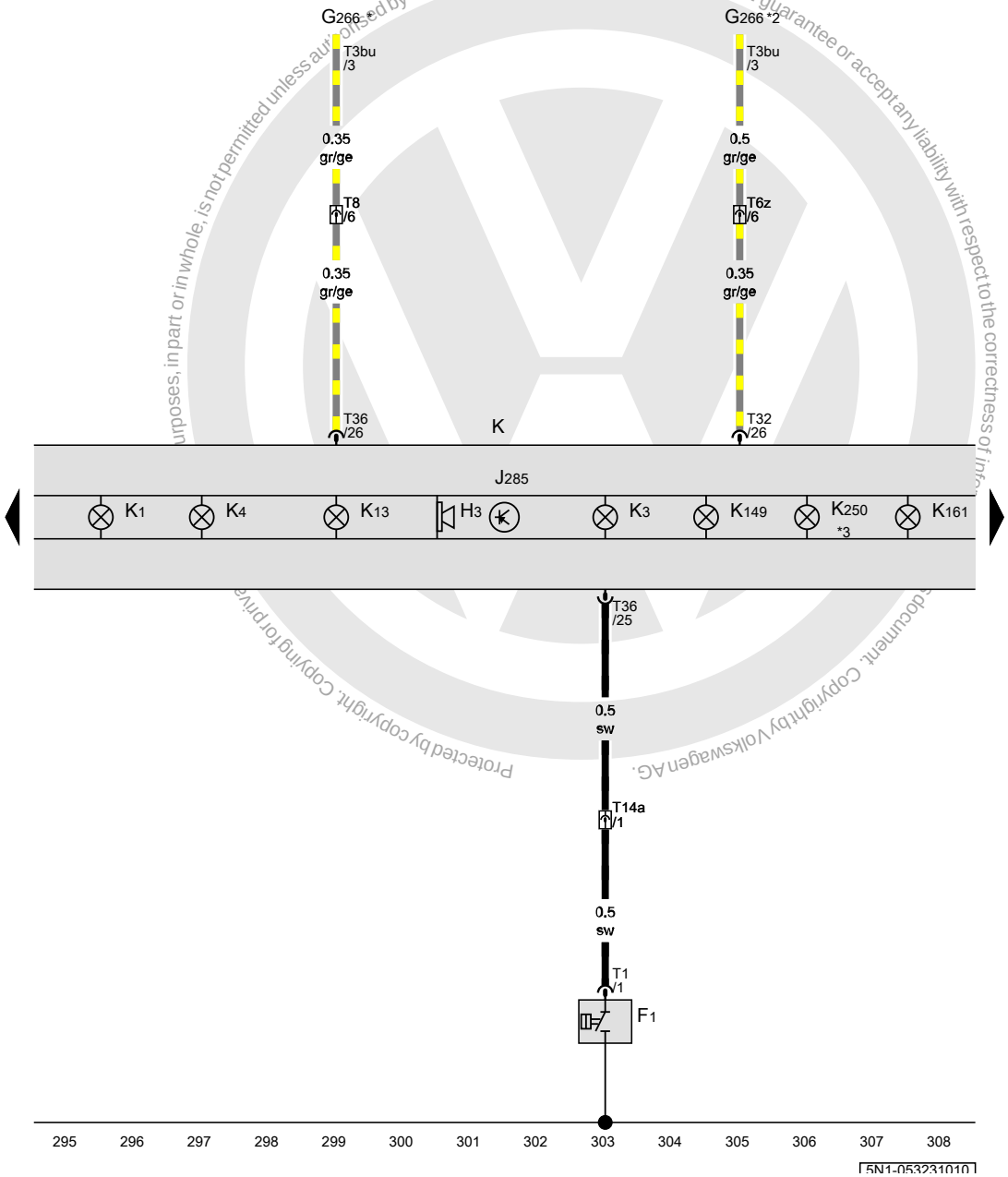


Fuel gauge sender, Control unit in dash panel insert, Dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
K105	Reserve fuel warning lamp
K214	Electric parking brake and handbrake fault warning lamp
T4ai	4-pin connector
T5b	5-pin connector
T36	36-pin connector
*	According to equipment
*2	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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li = purple
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rs = pink

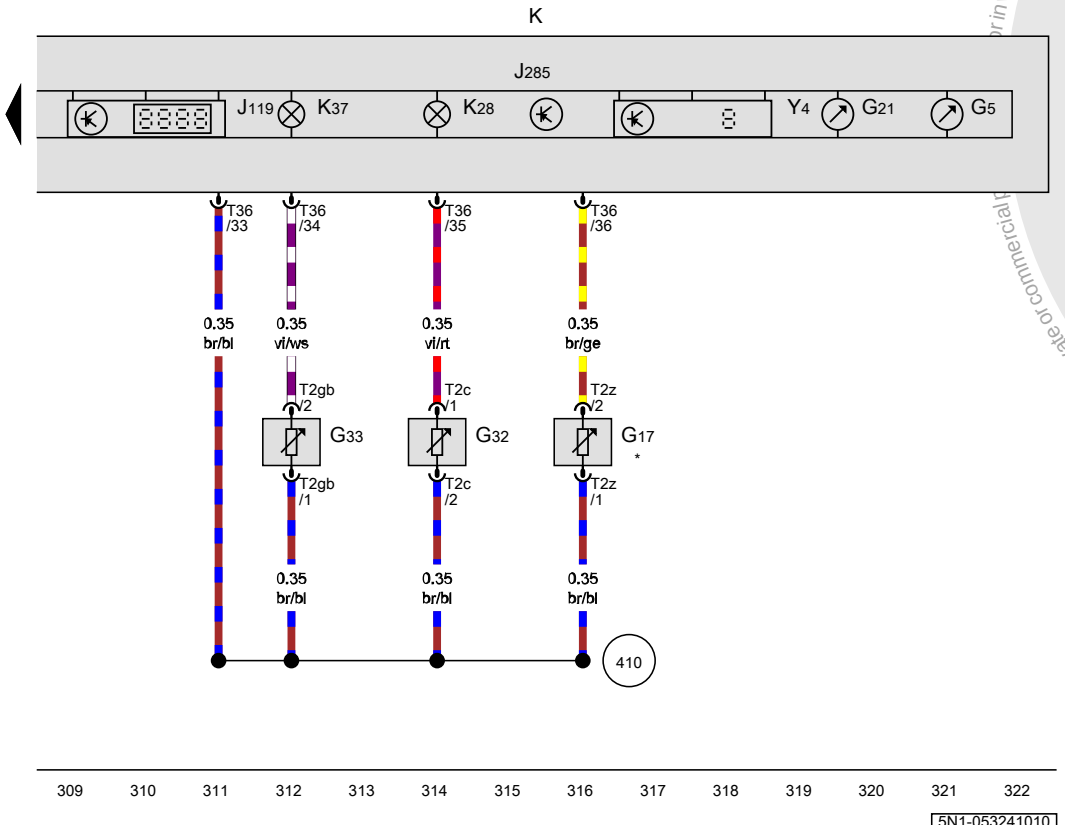
Oil pressure switch, Control unit in dash panel insert, Dash panel insert

F1	Oil pressure switch
G266	Oil level and oil temperature sender
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K3	Oil pressure warning lamp
K4	Side light warning lamp
K13	Rear fog light warning lamp
K149	Engine electronics warning lamp
K161	Electromechanical power steering warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T3bu	3-pin connector
T6z	6-pin connector
T8	8-pin connector
T14a	14-pin connector
T32	32-pin connector
T36	36-pin connector
*	Only models with petrol engine
*2	Only models with diesel engines
*3	According to equipment

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Ambient temperature sensor, Coolant shortage indicator sender, Windscreen washer fluid level sender, Control unit in dash panel insert, Dash panel insert

G5	Rev. counter
G17	Ambient temperature sensor
G21	Speedometer
G32	Coolant shortage indicator sender
G33	Windscreen washer fluid level sender
J119	Multifunction indicator
J285	Control unit in dash panel insert
K	Dash panel insert
K28	Coolant temperature and coolant shortage warning lamp
K37	Washer fluid level warning lamp
T2c	2-pin connector
T2gb	2-pin connector
T2z	2-pin connector
T36	36-pin connector
Y4	Trip counter
410	Earth connection 1 (sender earth) in main wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio navigation system RNS 500/510

⇒ **Sound system Dynaudio**
⇒ **Connection for external audio sources**
⇒ **CD changer**
⇒ **Satellite digital audio system (SDARS)**
⇒ **Satellite radio**

From May 2008

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

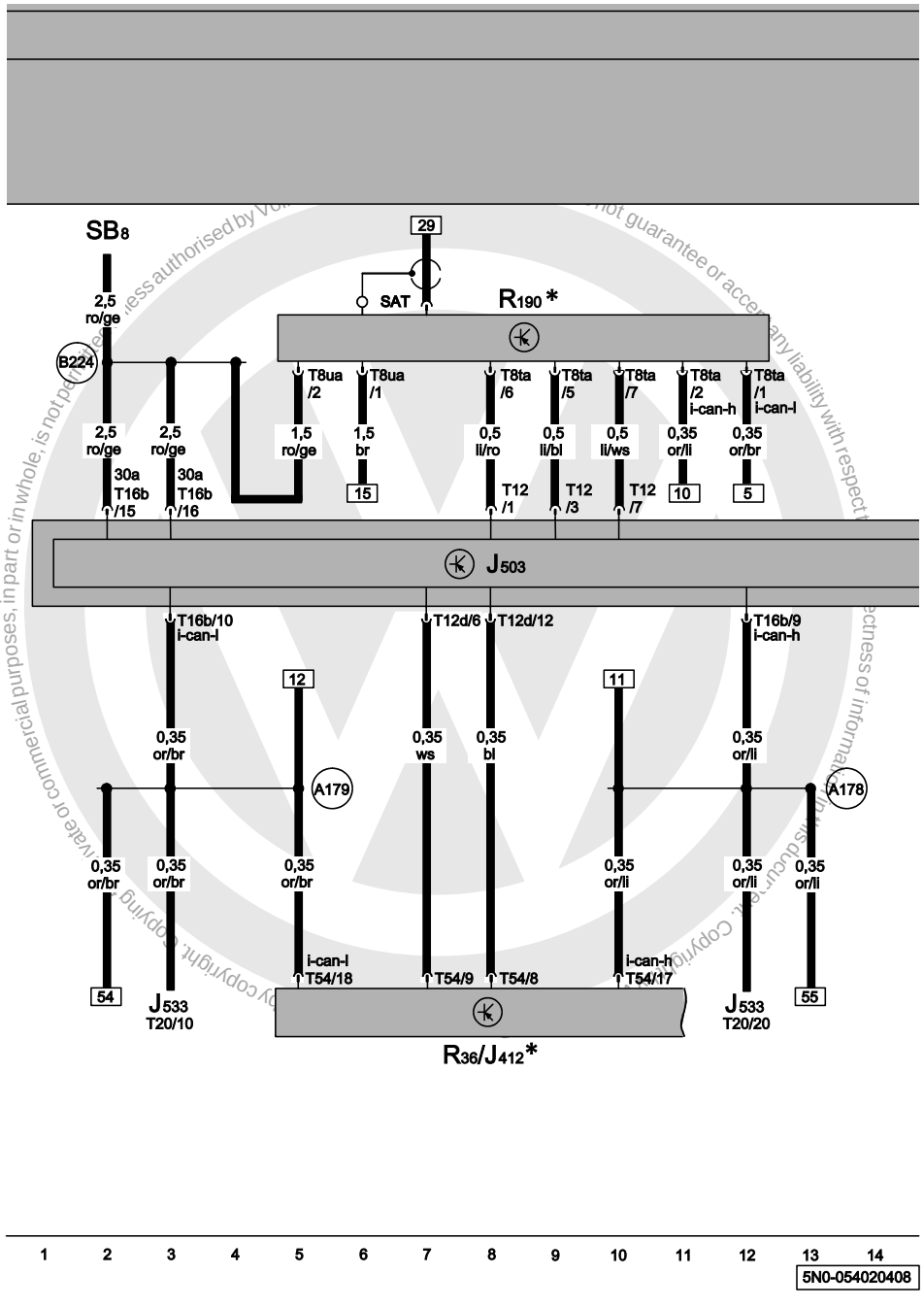
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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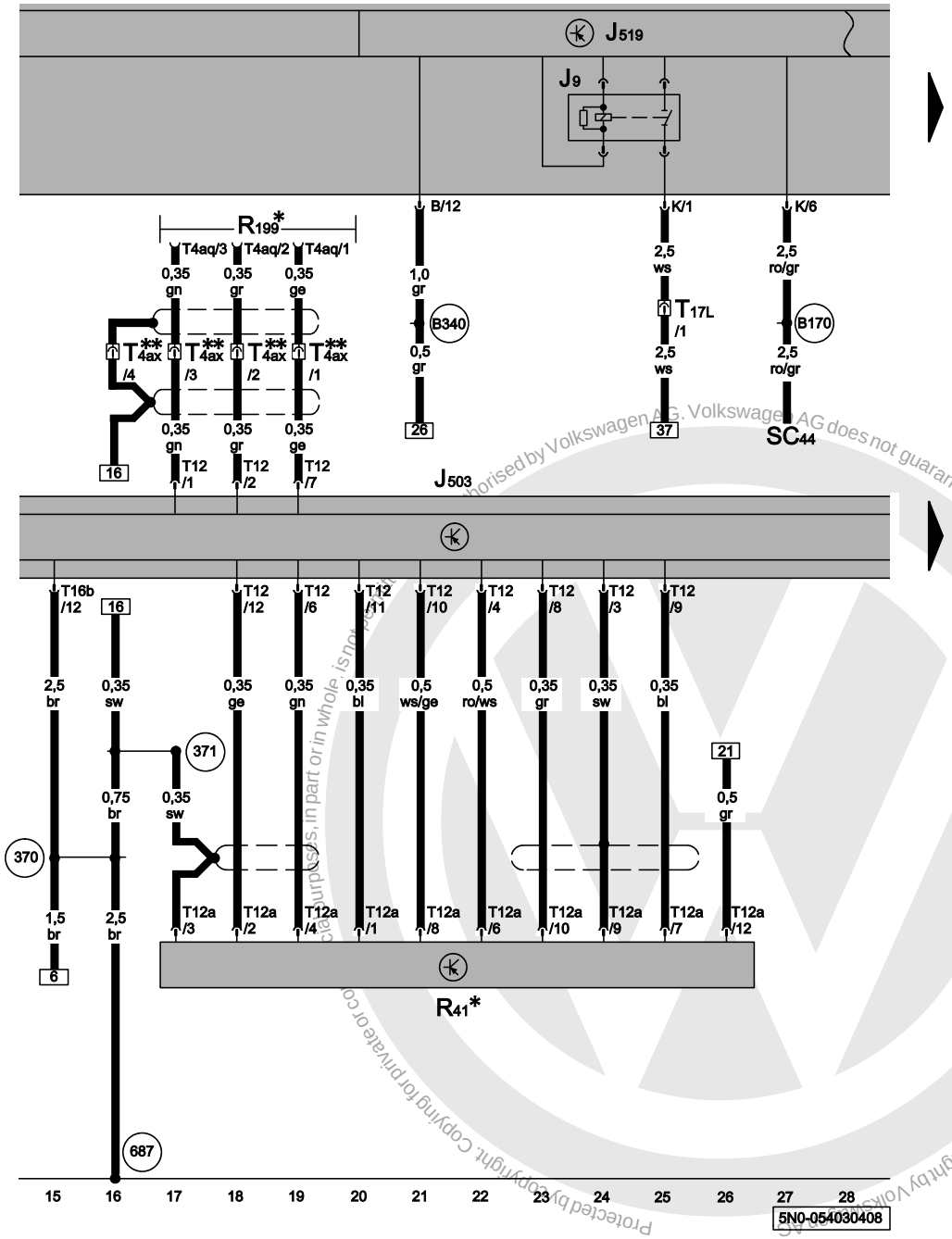


Control unit with display for radio and navigation system, satellite digital radio tuner, mobile telephone operating electronics control unit

J412	Control unit for mobile telephone operating electronics
J503	Control unit with display for radio and navigation
J533	Data bus diagnosis interface
R36	Telephone transmitter and receiver unit
R190	Satellite digital radio tuner
SB8	Fuse 8 on fuse holder B
T8ta	8-pin connector, black
T8ua	8-pin connector, black
T12	12-pin connector, blue
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B224	Connection 1 (radio), in interior wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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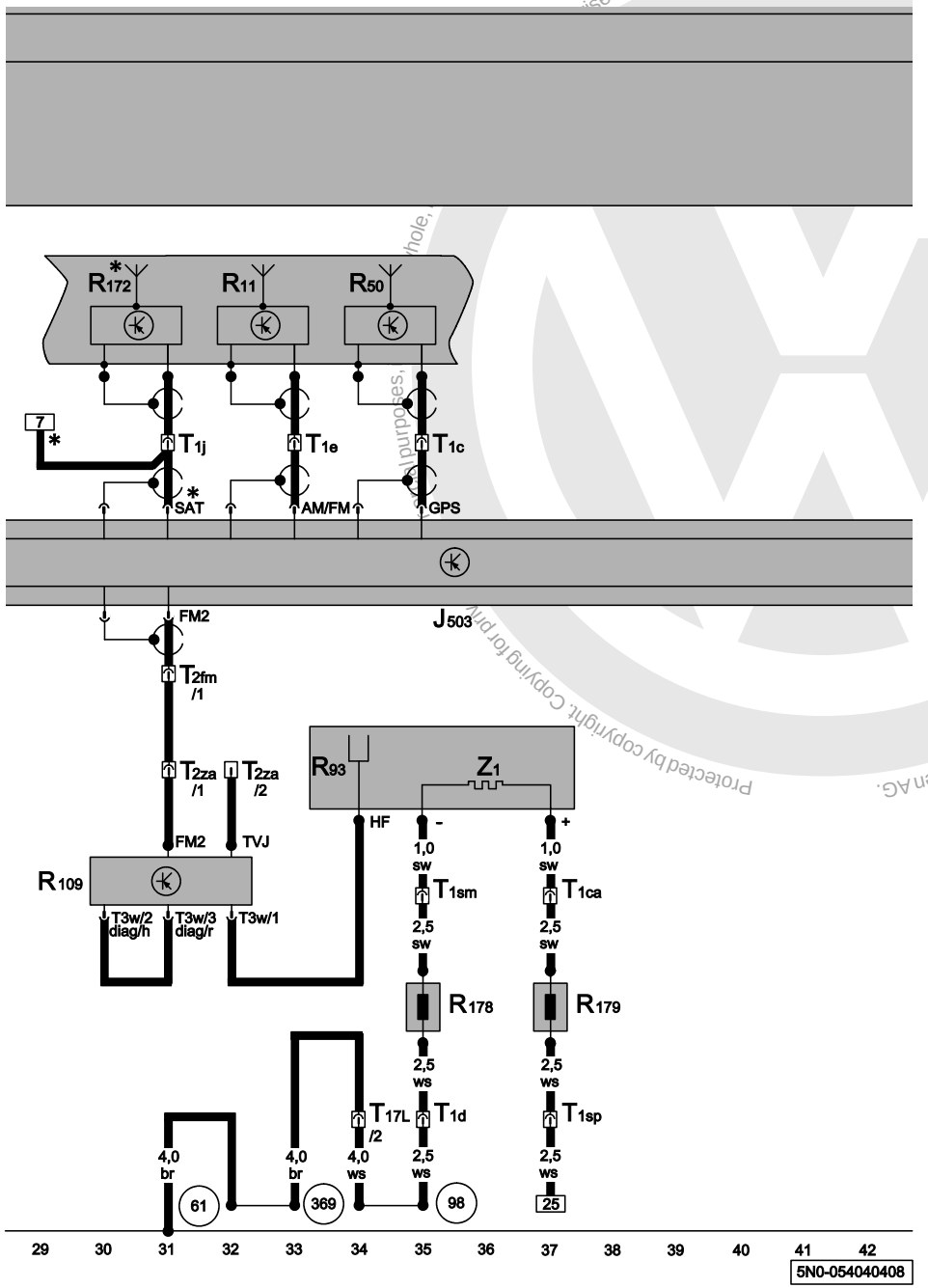


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Connection for external audio sources, CD changer, control unit with display for radio and navigation system, heated rear window relay

J9	Heated rear window relay
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R41	CD changer
R199	Connection for external audio sources
SC44	Fuse 44 on fuse holder C
T4aq	4-pin connector, black
T4ax	4-pin connector, white
T12	12-pin connector, blue
T12a	12-pin connector, black
T16b	16-pin connector, black
T17L	17-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B170	Positive connection 2 (30), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Depends on equipment
**	Only models with centre armrest

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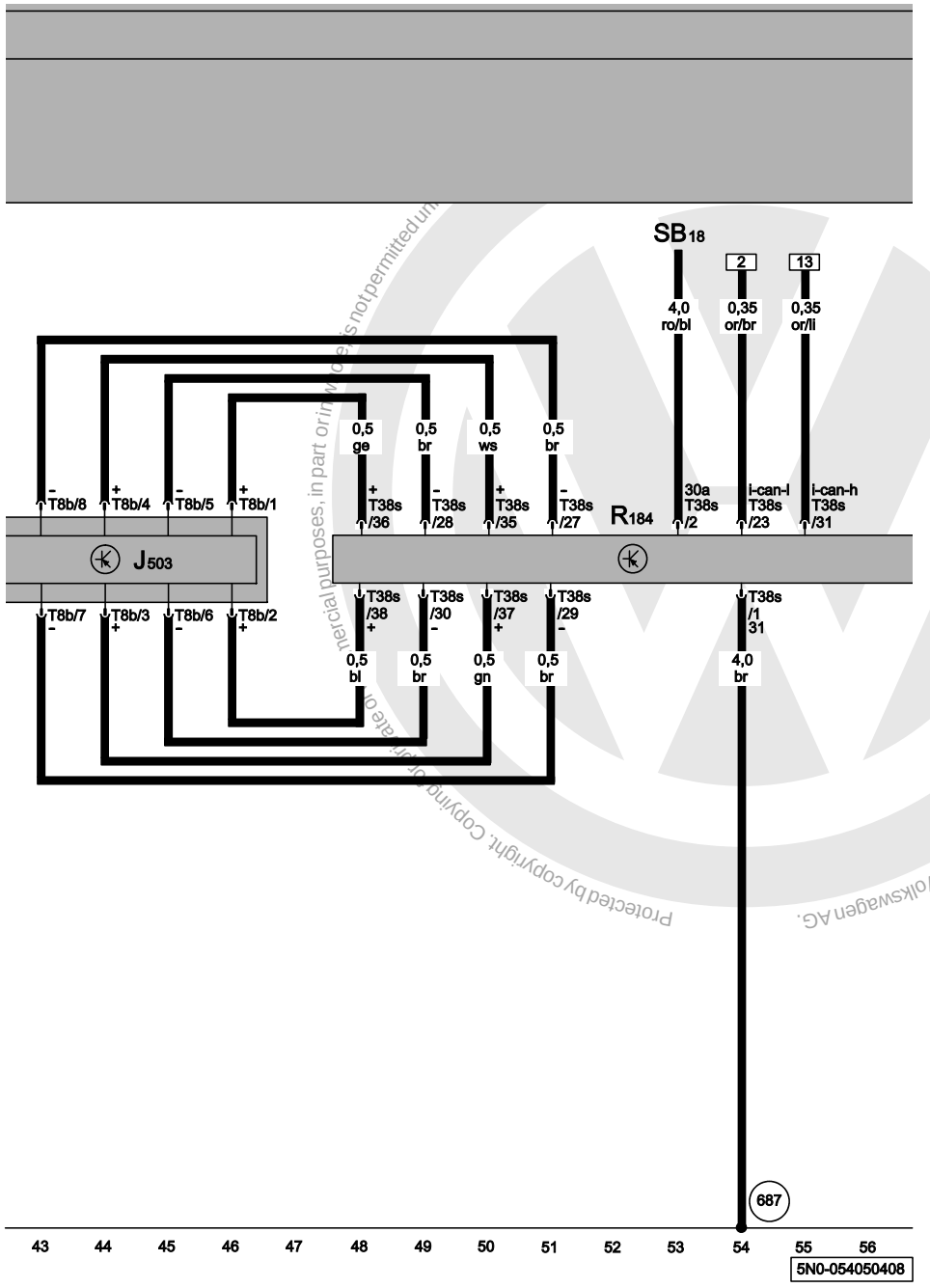


Aerial module, heated rear window, frequency filter, control unit with display for radio and navigation system

J503	Control unit with display for radio and navigation
R11	Aerial
R50	Navigation system aerial
R93	Radio aerial 2
R109	Right aerial module (impedance converter)
R172	Satellite tuner aerial
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T1c	Single connector, blue
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1j	Single connector, green
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T17L	17-pin connector, black
Z1	Heated rear window
61	Earth point, on left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Control unit with display for radio and navigation system, digital sound package amplifier

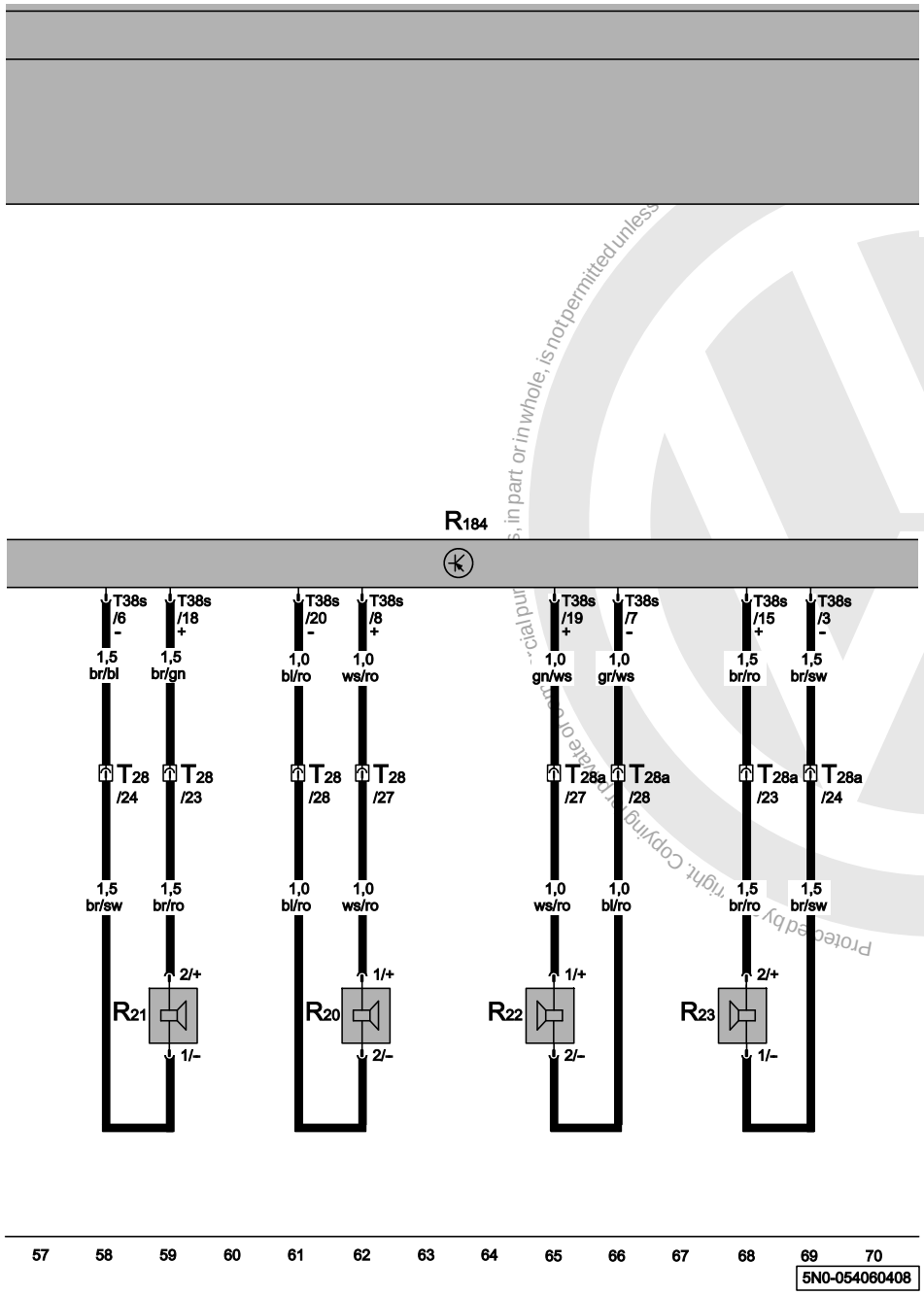
J503	Control unit with display for radio and navigation
R184	Digital sound package amplifier
SB18	Fuse 18 on fuse holder B
T8b	8-pin connector, brown
T38s	38-pin connector
687	Earth point 2, on centre tunnel

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Front loudspeaker, digital sound package amplifier

R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R184	Digital sound package amplifier
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
T38s	38-pin connector

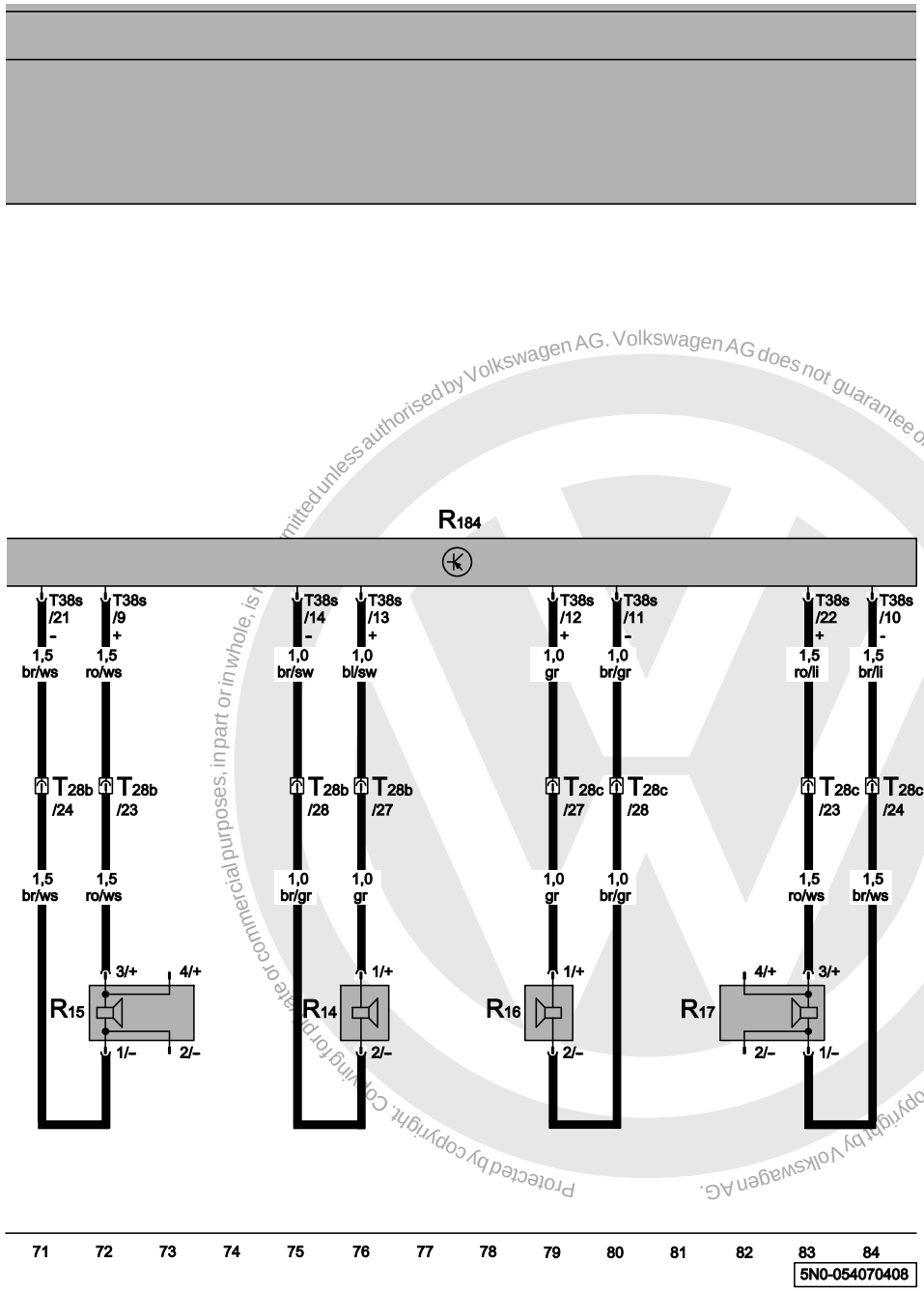


ws	=	white
sw	=	black
ro	=	red
br	=	brown
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Rear loudspeaker, digital sound package amplifier

R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R184	Digital sound package amplifier
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim
T38s	38-pin connector



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Telephone system, preparation for universal mobile telephone (UTP) High Plus (USA/Canada)

From November 2008

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

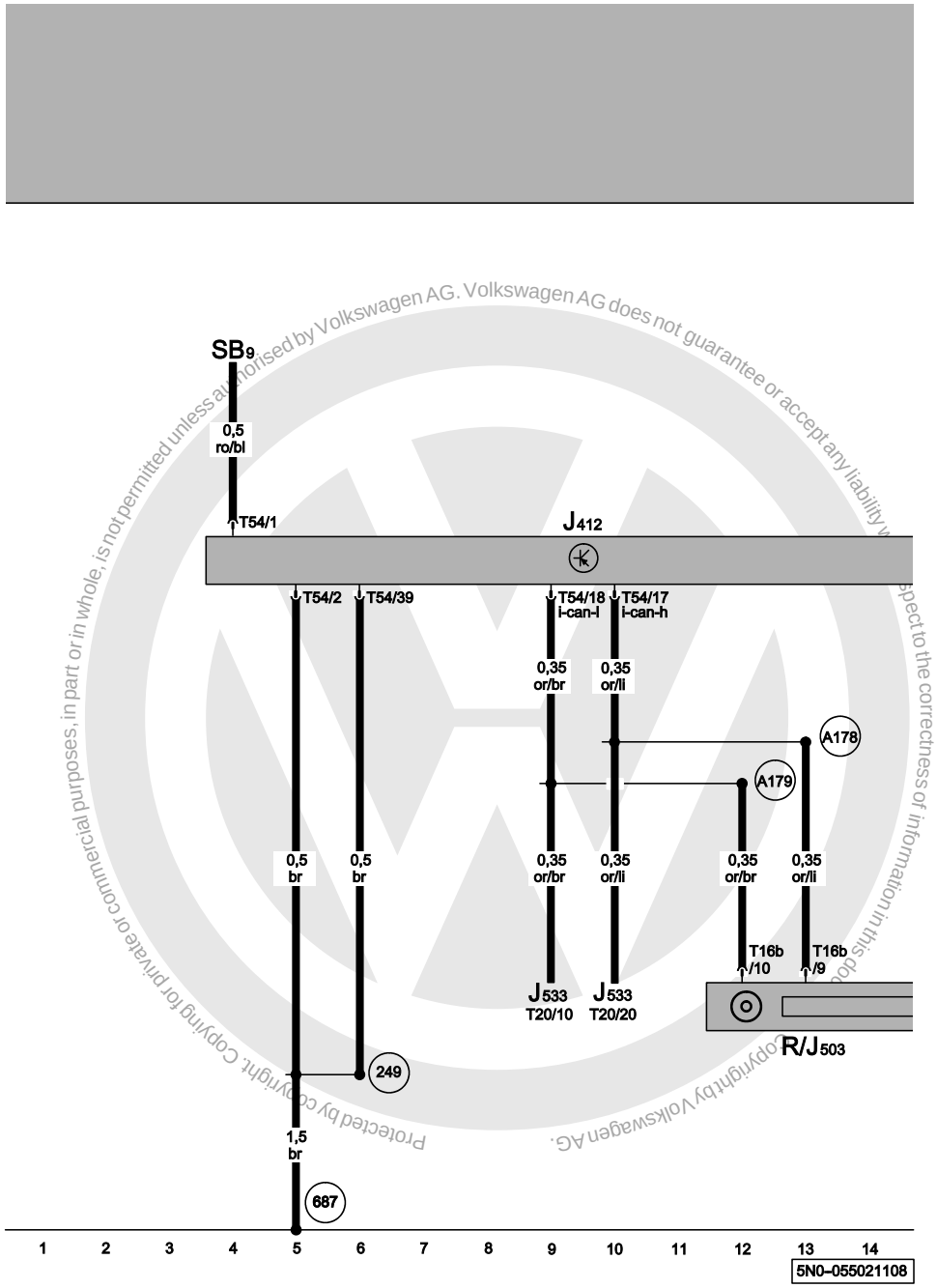
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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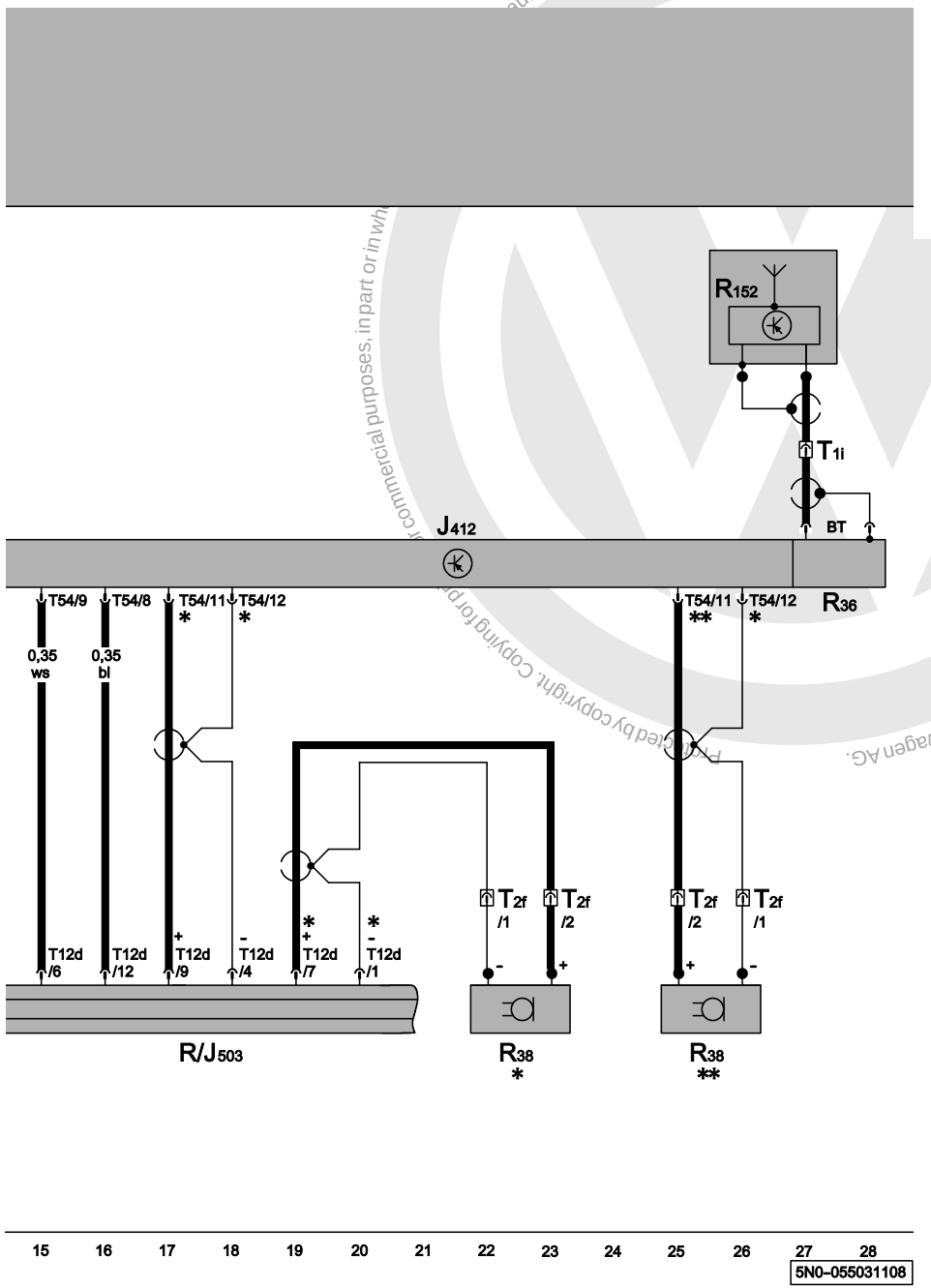
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Mobile telephone operating electronics control unit, radio, control unit with display for radio and navigation system

J412	Mobile telephone operating electronics control unit, in front right footwell
J503	Control unit with display for radio and navigation
J533	Data bus diagnosis interface
R	Radio
SB9	Fuse 9 on fuse holder B
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
249	Earth connection 2, in interior wiring harness
687	Earth point 1 on centre tunnel
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Telephone microphone, radio, mobile telephone operating electronics control unit, control unit with display for radio and navigation system, Bluetooth aerial

J412	Mobile telephone operating electronics control unit, in front right footwell
J503	Control unit with display for radio and navigation
R	Radio
R36	Telephone transmitter and receiver unit
R38	Telephone microphone
R152	Aerial for Bluetooth
T1i	Single connector
T2f	2-pin connector, black
T12d	12-pin connector, green
T54	54-pin connector
*	Only models with radio navigation system
**	Only models with no radio navigation system

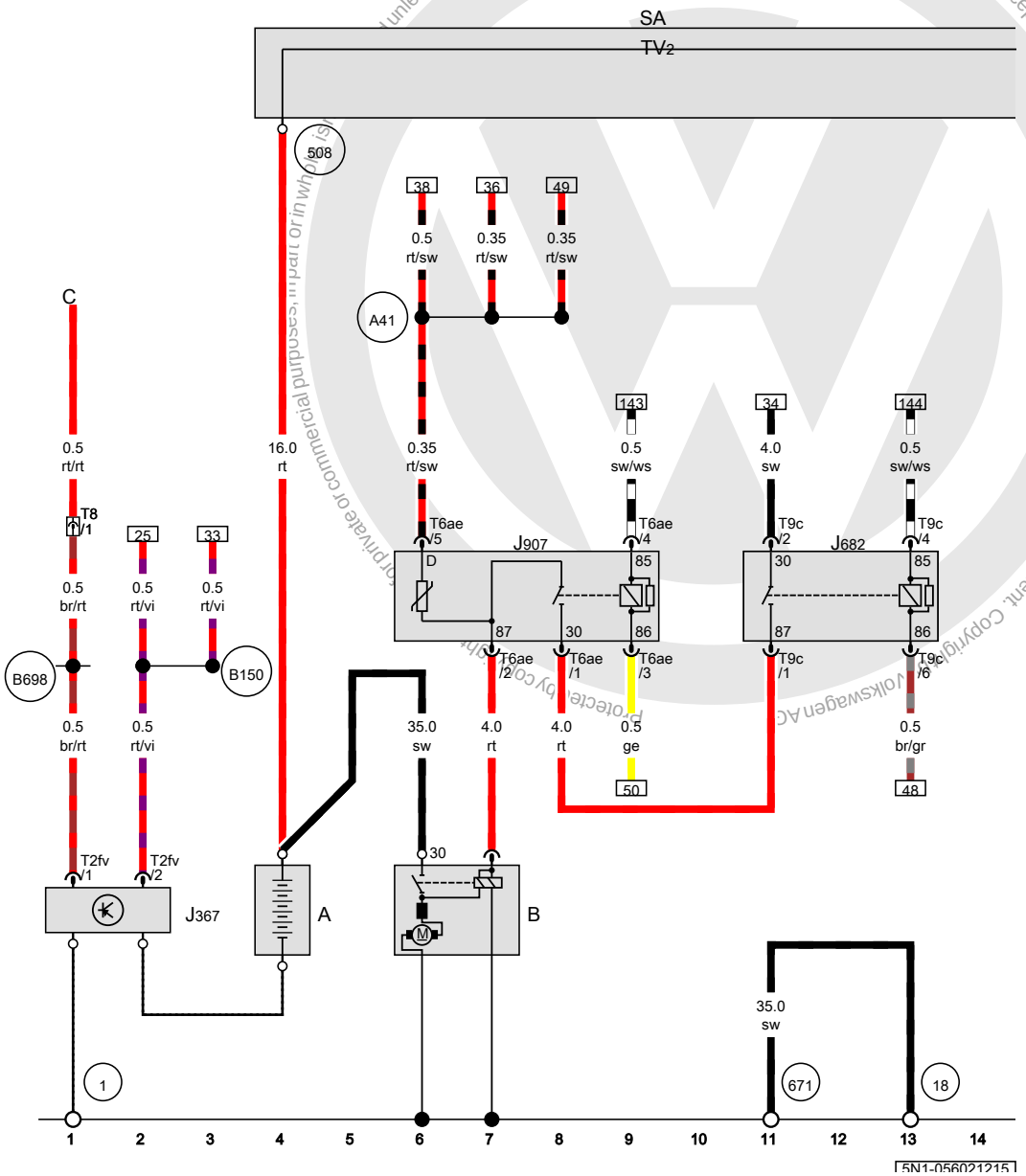
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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Fuse assignment , (7L6)

From November 2009

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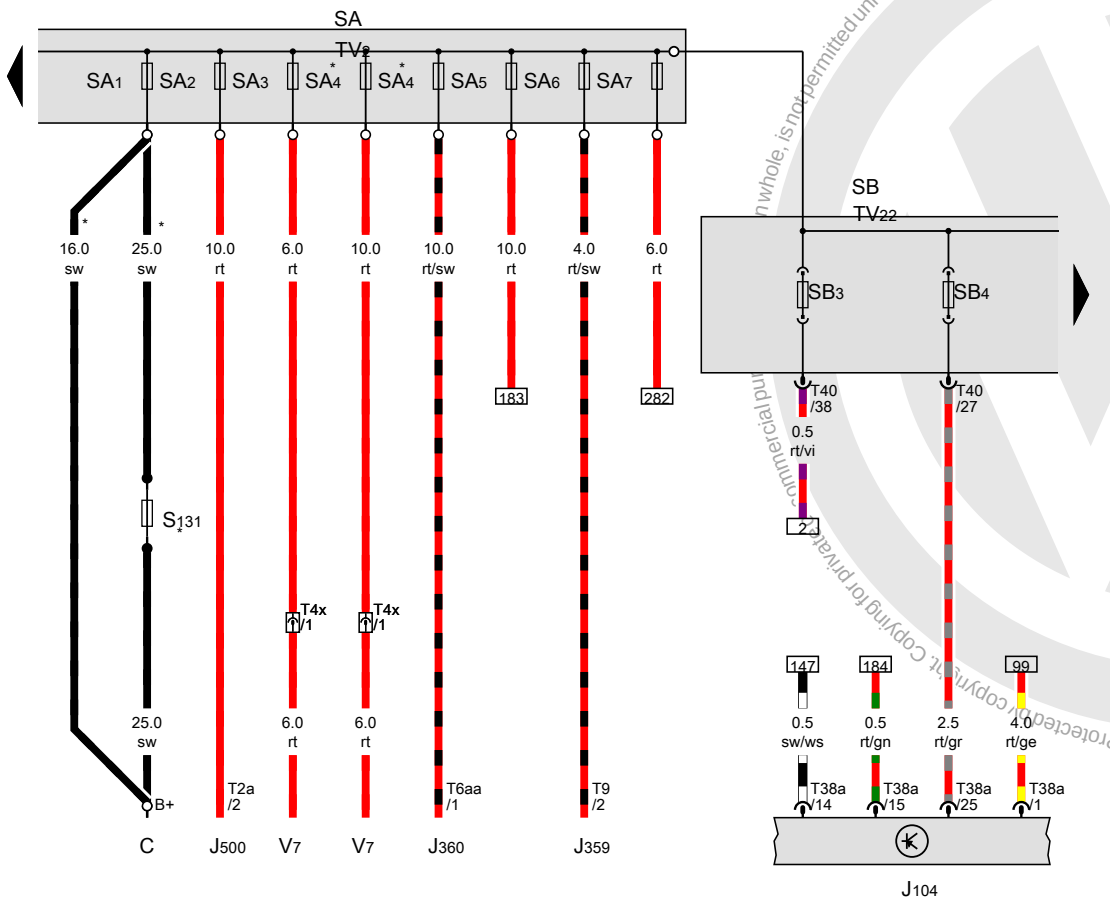
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, Starter, Battery monitor control unit, Terminal 50 voltage supply relay, Starter relay 2, Fuse holder A, Terminal 30 wiring junction

A	Battery
B	Starter
C	Alternator
J367	Battery monitor control unit
J682	Terminal 50 voltage supply relay
J907	Starter relay 2
SA	Fuse holder A
T2fv	2-pin connector
T6ae	6-pin connector
T9c	9-pin connector
TV2	Terminal 30 wiring junction
T8	8-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
A41	Positive connection (50), in dash panel wiring harness
B150	Positive connection 2 (30a), in interior wiring harness
B698	Connection 3 (LIN bus) in main wiring harness

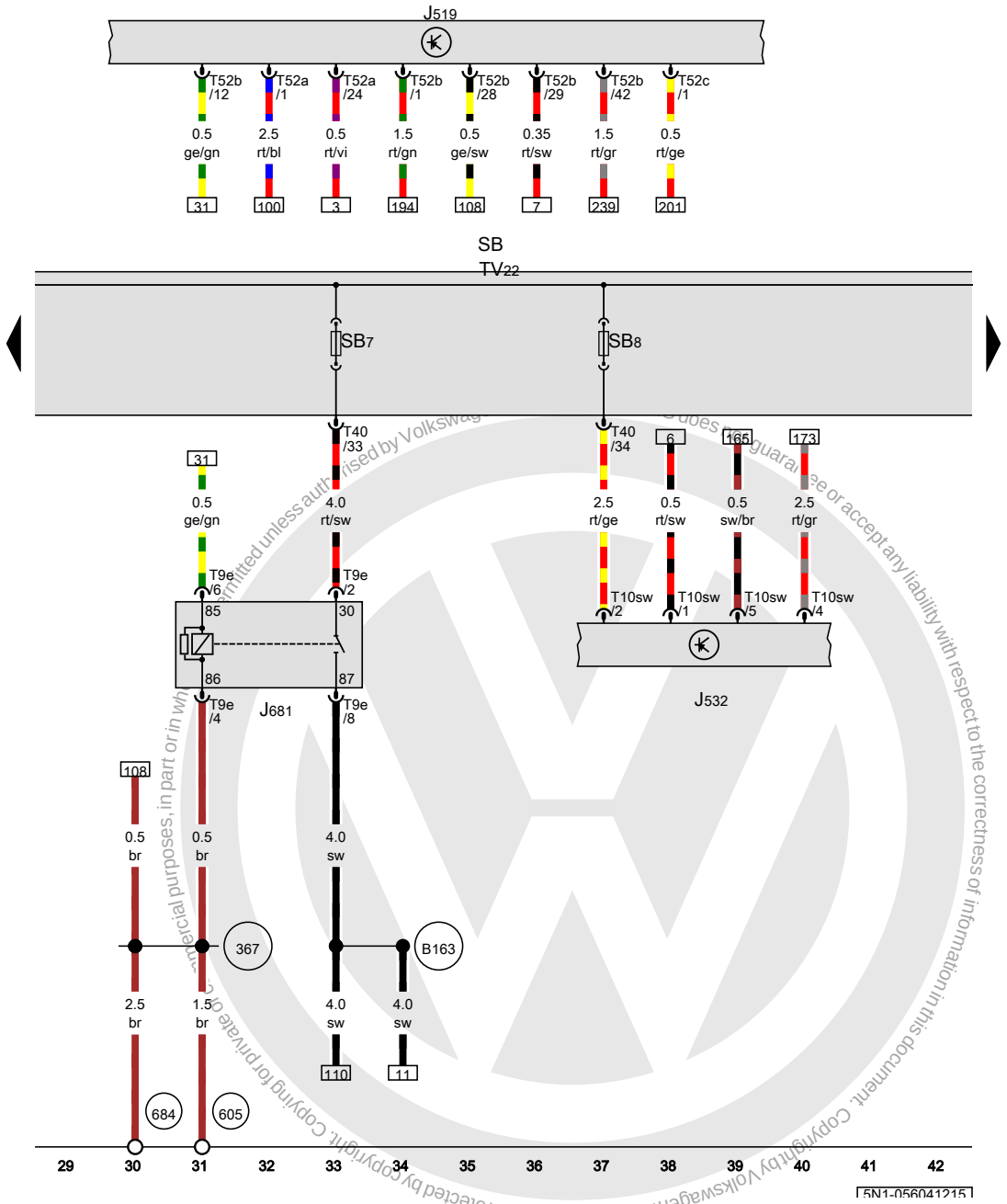


Fuse holder A, Fuse holder B, Terminal 30 wiring junction, Terminal 30 wiring junction 2

C	Alternator
J104	ABS control unit
J359	Low heat output relay
J360	High heat output relay
J500	Power steering control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SA6	Fuse 6 in fuse holder A
SA7	Fuse 7 in fuse holder A
S131	Fuse 1, in alternator wire
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
T2a	2-pin connector
T4x	4-pin connector
T6aa	6-pin connector
T9	9-pin connector
T38a	38-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
V7	Radiator fan
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Fuse holder B, Terminal 30 wiring junction 2

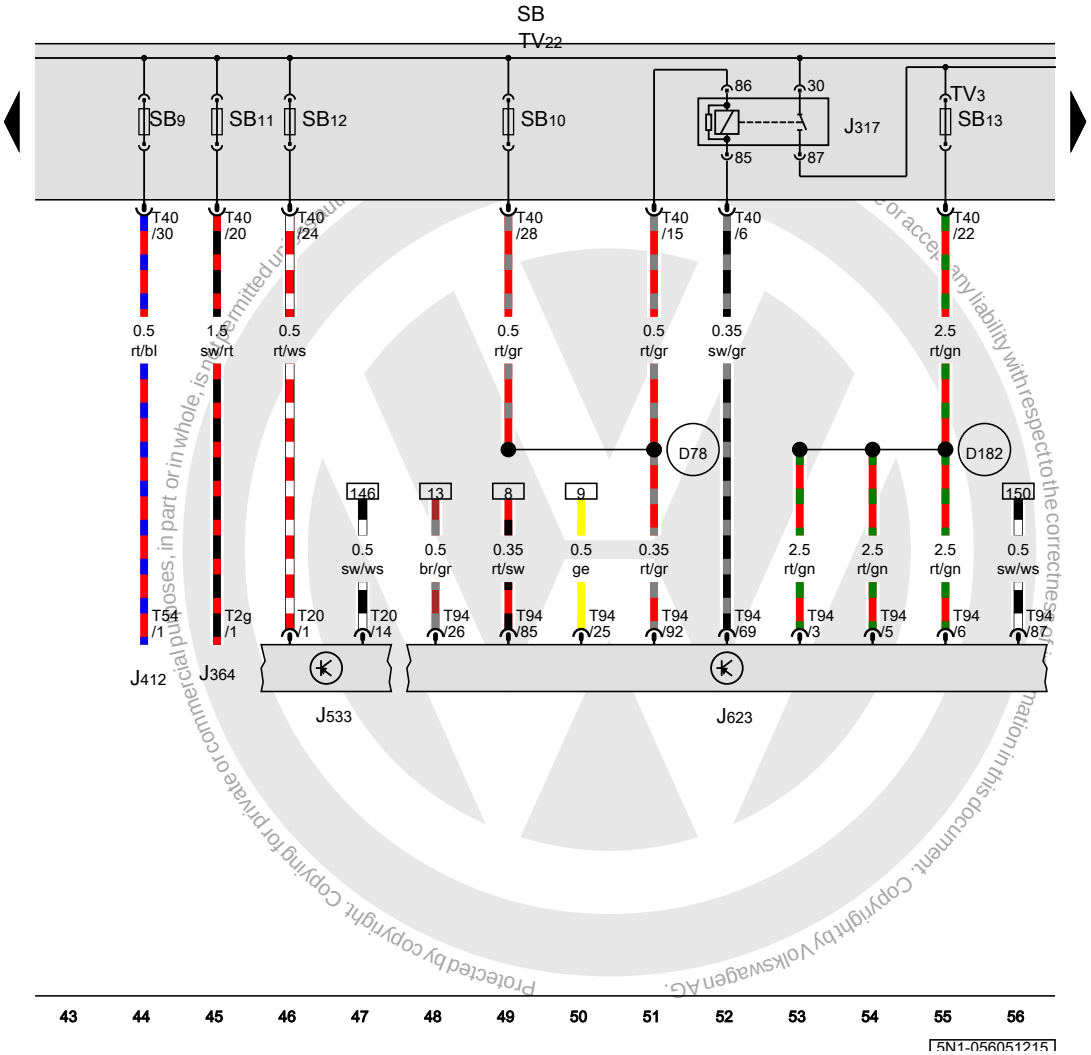
J519	Onboard supply control unit
J532	Voltage stabiliser
J681	Terminal 15 voltage supply relay 2
SB	Fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T9e	9-pin connector
T10sw	10-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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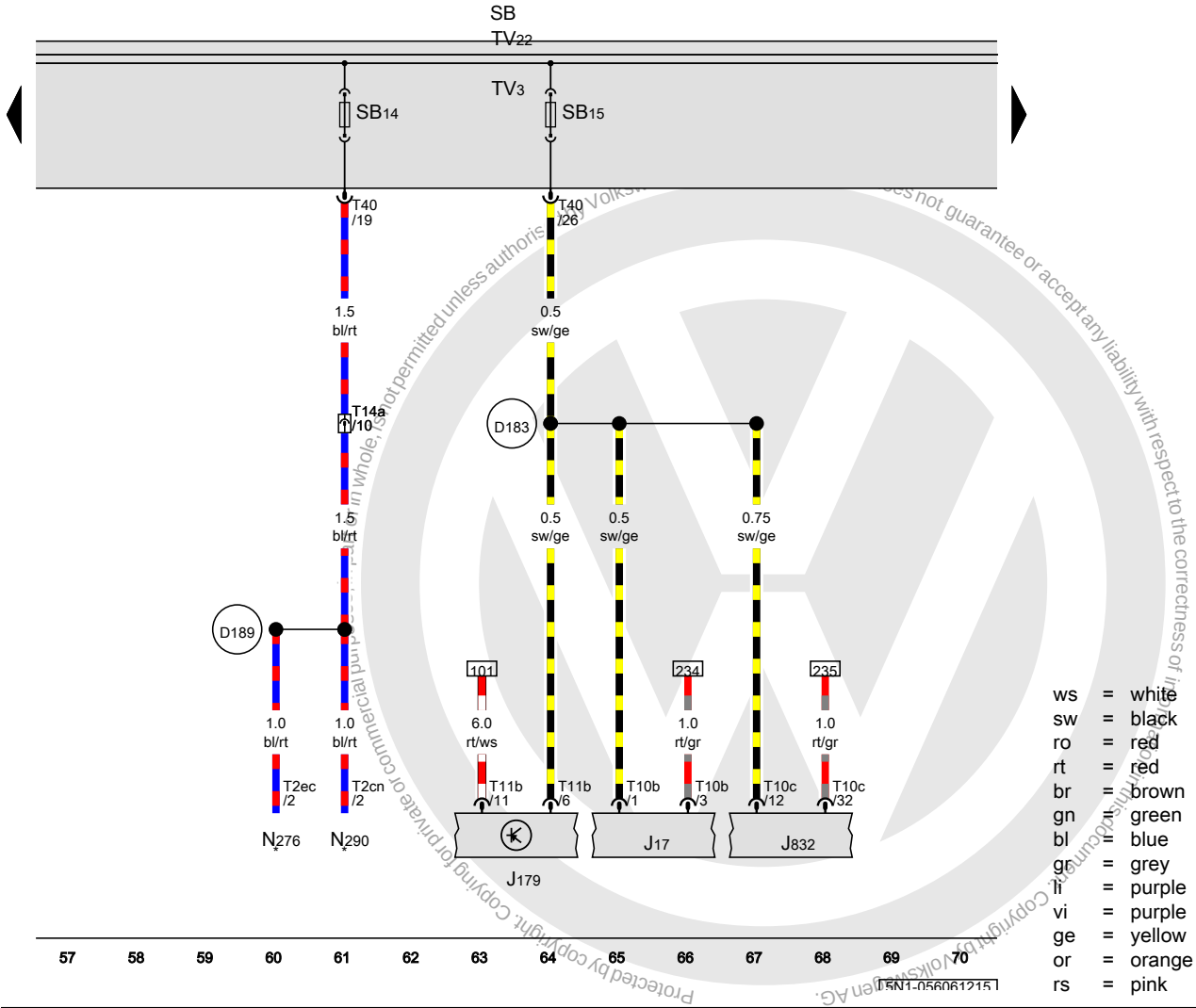
Terminal 30 voltage supply relay, Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

J317	Terminal 30 voltage supply relay
J364	Auxiliary heater control unit
J412	Mobile telephone operating electronics control unit
J533	Data bus diagnostic interface
J623	Engine control unit
SB	Fuse holder B
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB13	Fuse 13 on fuse holder B
T2g	2-pin connector
TV3	Terminal 30a wiring junction
T20	20-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
T54	54-pin connector
T94	94-pin connector
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

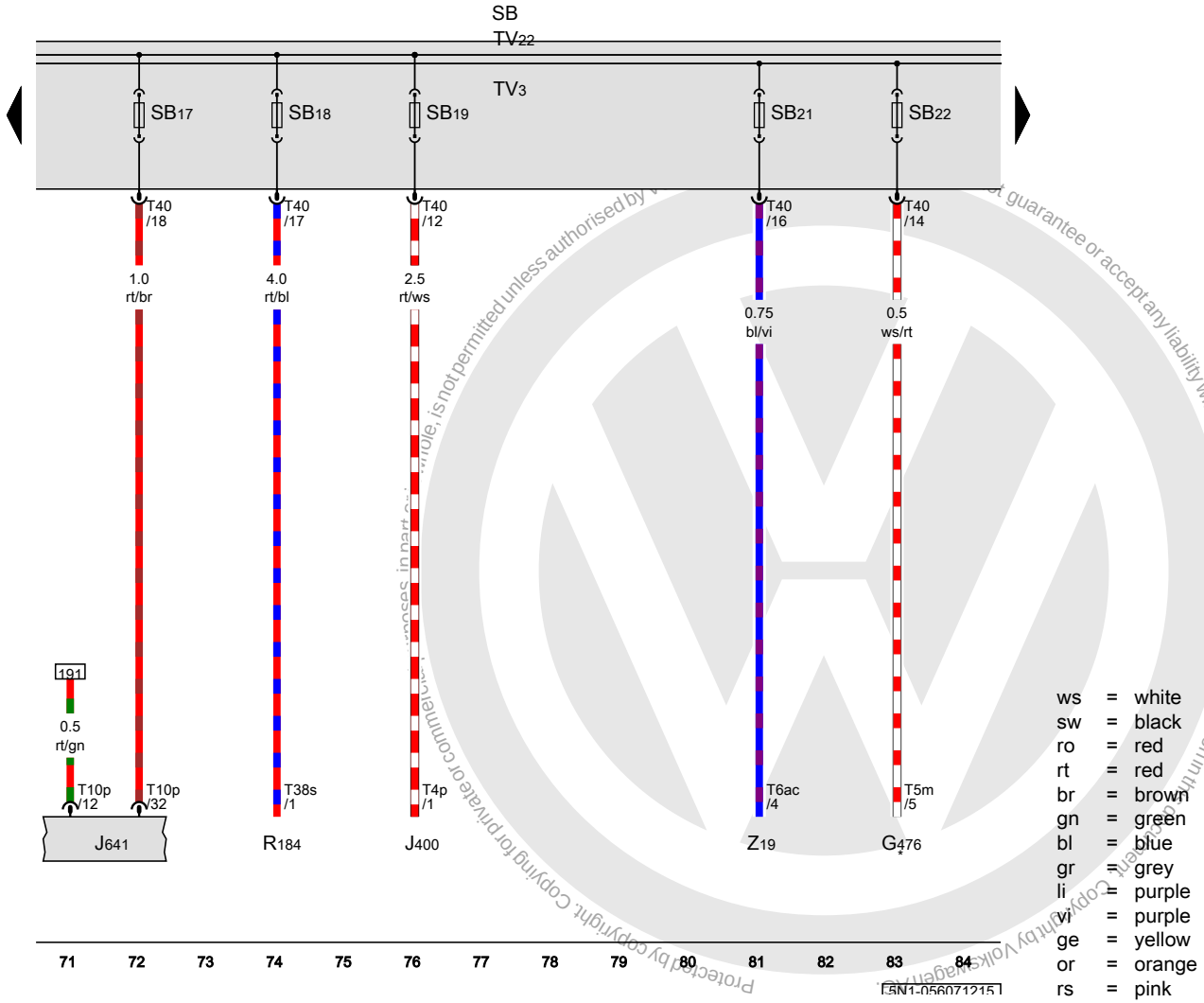
Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

J17	Fuel pump relay
J179	Automatic glow period control unit
J832	Relay for supplementary fuel pump
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SB	Fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
T2cn	2-pin connector
T2ec	2-pin connector
T10b	10-pin connector
T10c	10-pin connector
T11b	11-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
D183	Connection 4 (87a), in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness
*	Only models with diesel engine

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Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

G476	Clutch position sender
J400	Wiper motor control unit
J641	Alarm horn relay
R184	Digital sound package amplifier
SB	Fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
T4p	4-pin connector
T5m	5-pin connector
T6ac	6-pin connector
T10p	10-pin connector
T38s	38-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
Z19	Lambda probe heater
*	Only models with manual gearbox

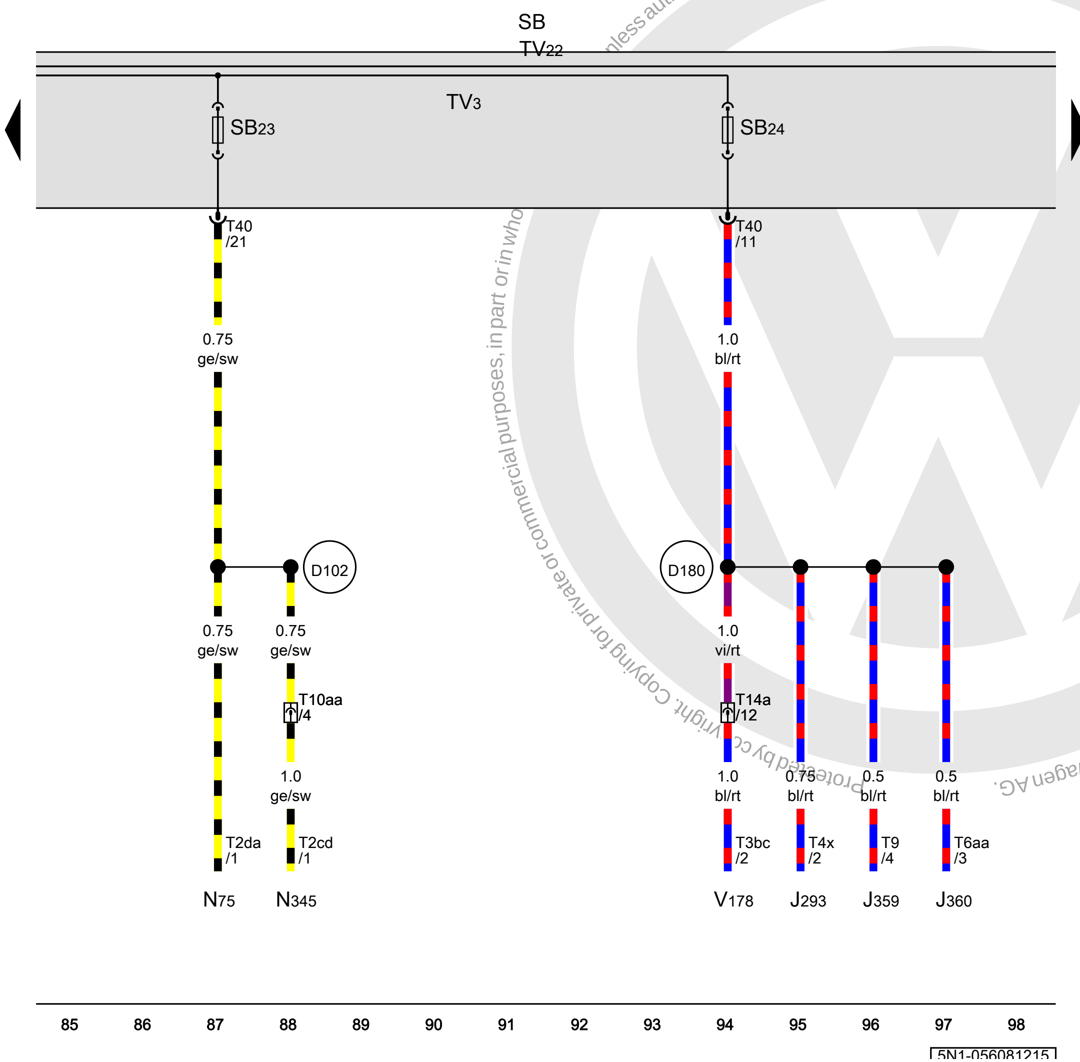


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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
SB	Fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T2cd	2-pin connector
T2da	2-pin connector
T3bc	3-pin connector
T4x	4-pin connector
T6aa	6-pin connector
T10aa	10-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
T9	9-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
V178	Coolant circulation pump 2
D102	Connection 2 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness

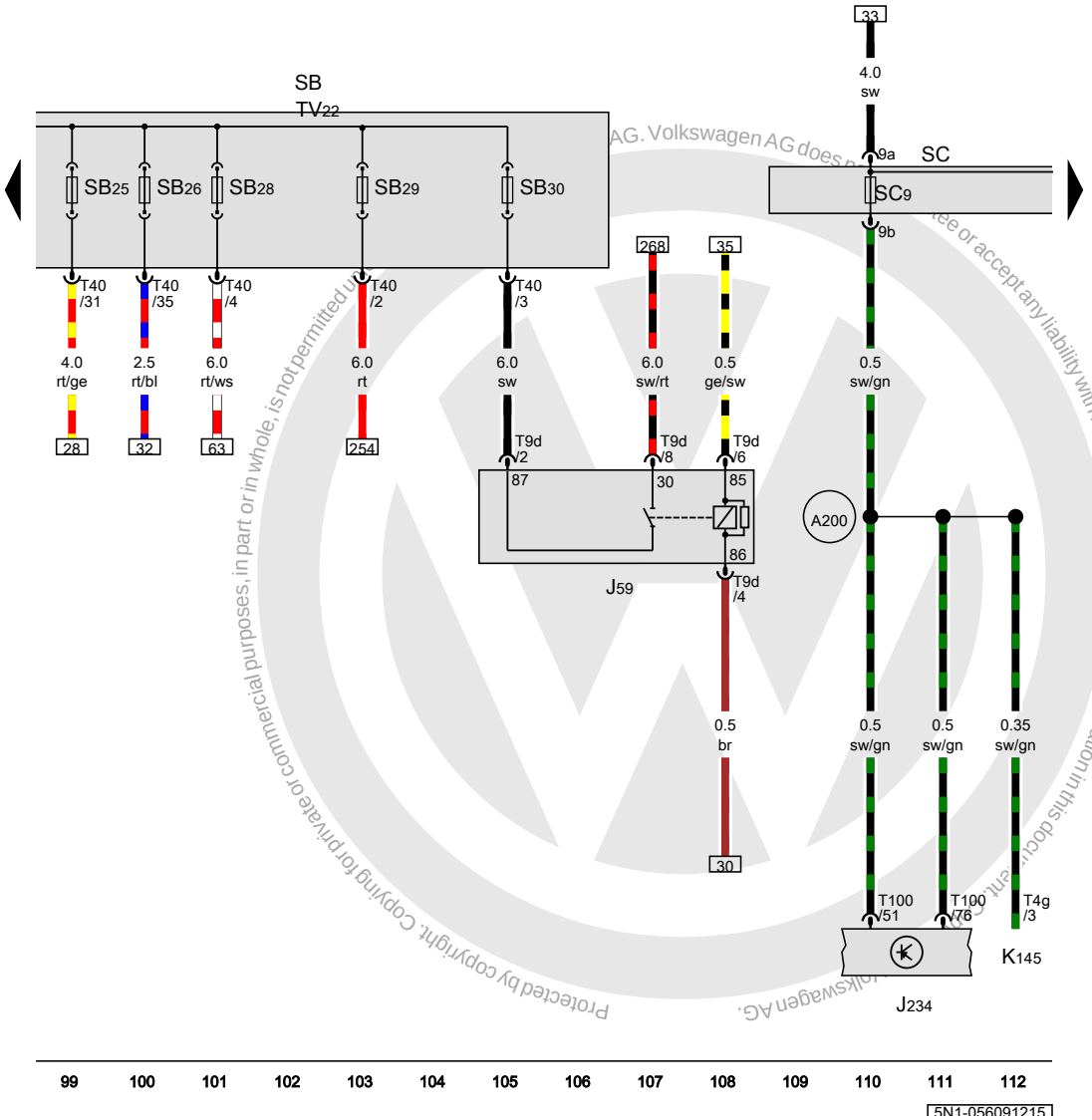


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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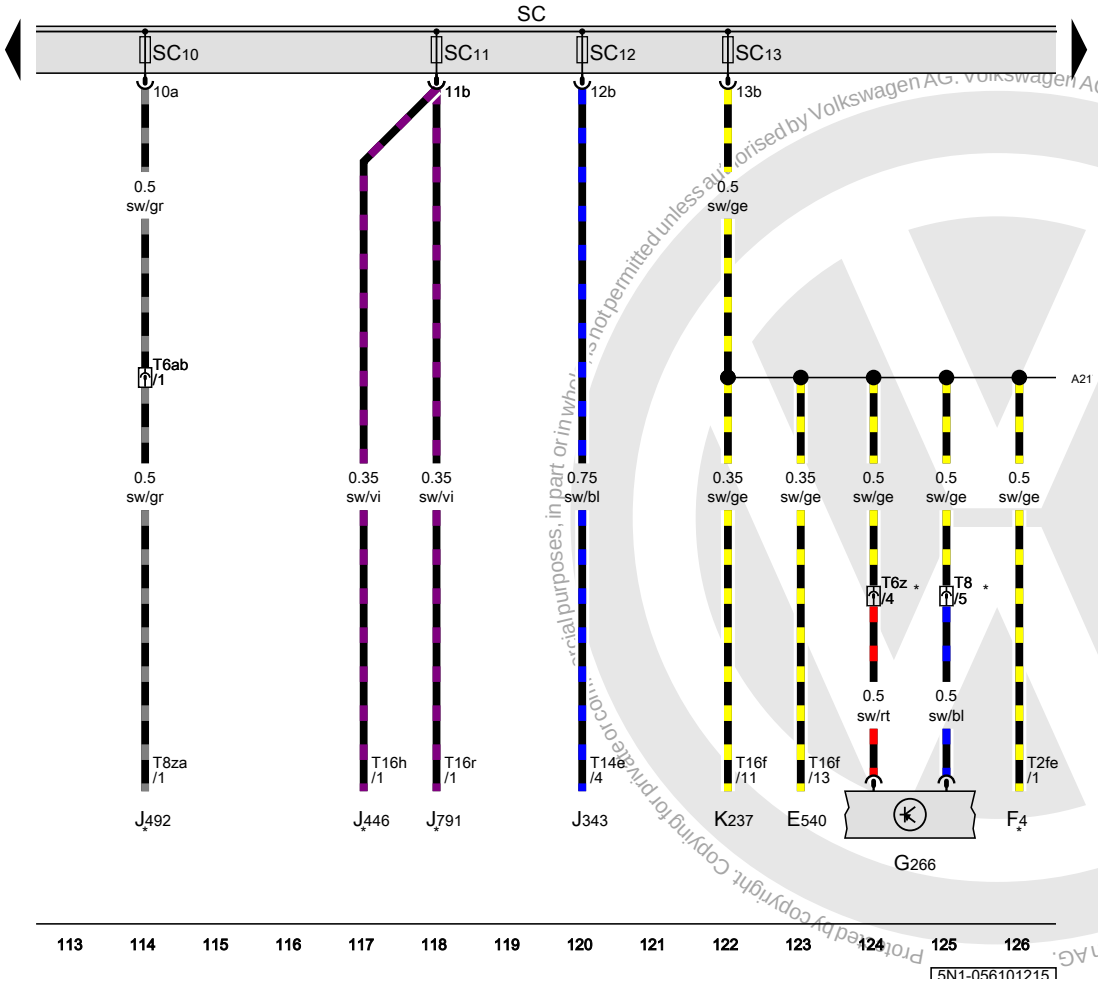
X-contact relief relay, Fuse holder B, Fuse holder C, Terminal 30 wiring junction 2

J59	X-contact relief relay
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
SB	Fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB30	Fuse 30 on fuse holder B
T4g	4-pin connector
T9d	9-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
T100	100-pin connector
A200	Positive connection 5 (15a) in dash panel wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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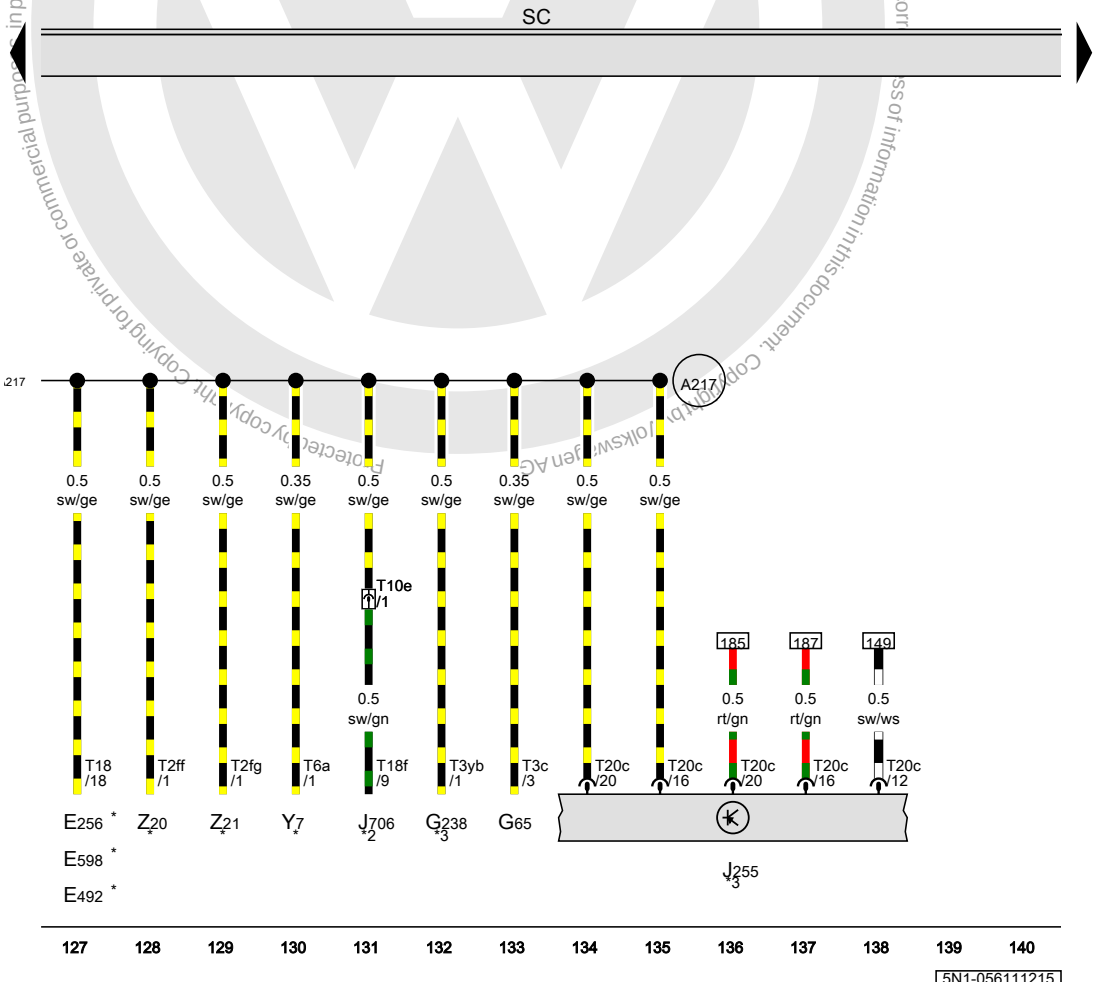
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Fuse holder C

E540	Auto-hold button
F4	Reversing light switch
G266	Oil level and oil temperature sender
J343	Left gas discharge bulb control unit
J446	Parking aid control unit
J492	All-wheel drive control unit
J791	Park assist steering control unit
K237	Auto-hold warning lamp
SC	Fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC13	Fuse 13 on fuse holder C
T2fe	2-pin connector
T6ab	6-pin connector
T6z	6-pin connector
T8	8-pin connector
T8za	8-pin connector
T14e	14-pin connector
T16f	16-pin connector
T16h	16-pin connector
T16r	16-pin connector
A217	Positive connection 8 (15a) in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

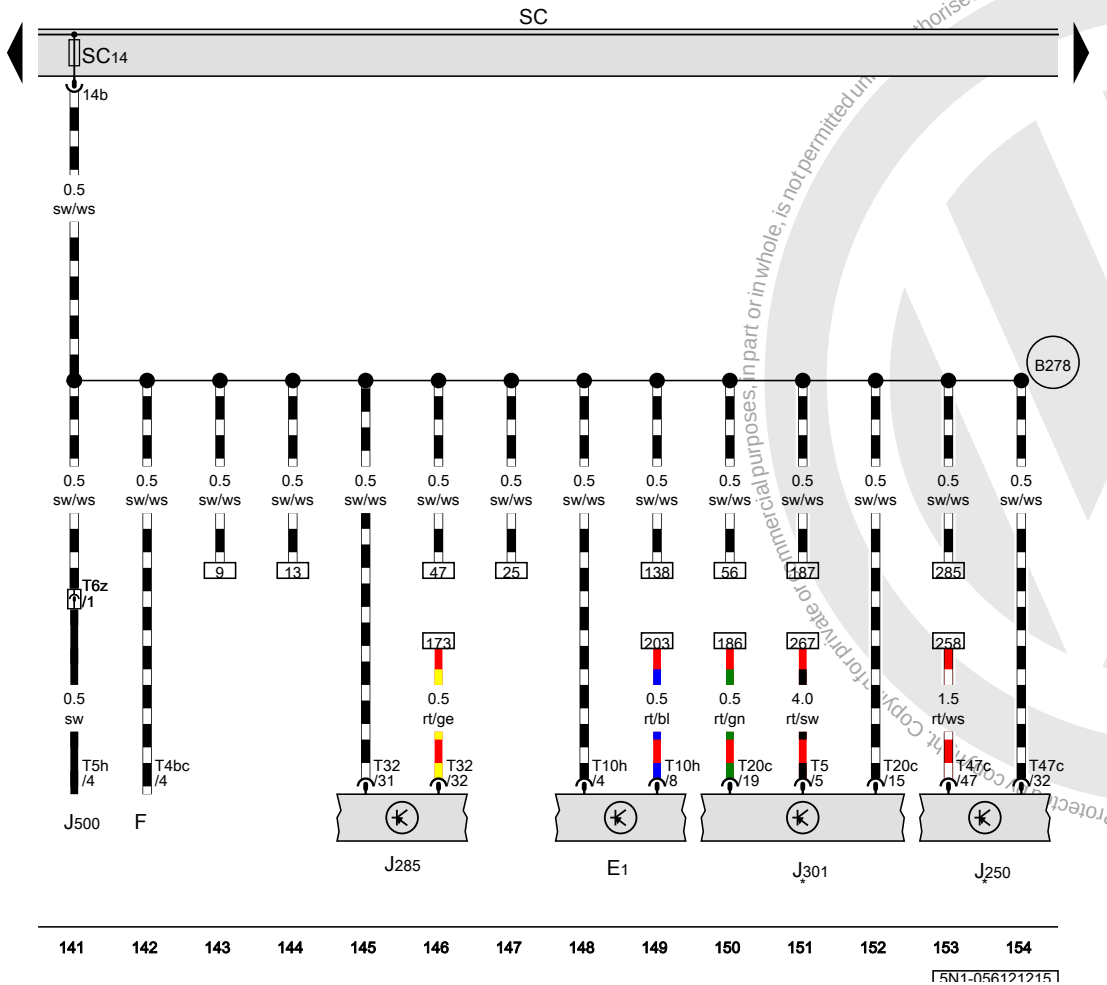
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Fuse holder C

E256	Button for TCS and electronic stabilisation program
E492	Tyre Pressure Loss Indicator button
E598	Driving program button
G65	High-pressure sender
G238	Air quality sensor
J255	Climatronic control unit
J706	Seat occupied recognition control unit
SC	Fuse holder C
T2ff	2-pin connector
T2fg	2-pin connector
T3c	3-pin connector
T3yb	3-pin connector
T6a	6-pin connector
T10e	10-pin connector
T18	18-pin connector
T18f	18-pin connector
T20c	20-pin connector
Y7	Automatic anti-dazzle interior mirror
Z20	Left washer jet heater element
Z21	Right washer jet heater element
A217	Positive connection 8 (15a) in dash panel wiring harness
*	According to equipment
*2	Only for American markets
*3	Only models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

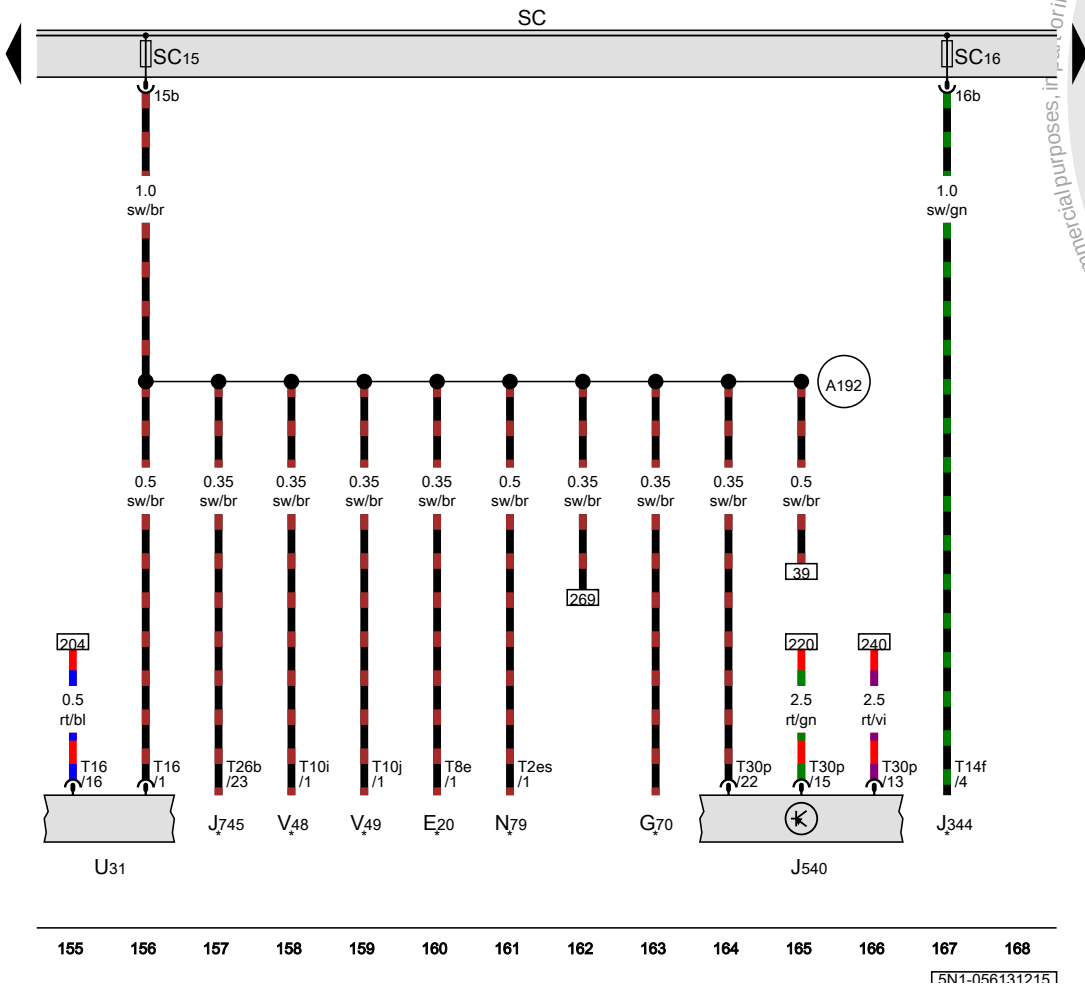


Fuse holder C

E1	Light switch
F	Brake light switch
J250	Electronically controlled damping control unit
J285	Control unit in dash panel insert
J301	Air conditioning system control unit
J500	Power steering control unit
SC	Fuse holder C
SC14	Fuse 14 on fuse holder C
T4bc	4-pin connector
T5	5-pin connector
T5h	5-pin connector
T6z	6-pin connector
T10h	10-pin connector
T20c	20-pin connector
T32	32-pin connector
T47c	47-pin connector
B278	Positive connection 2 (15a) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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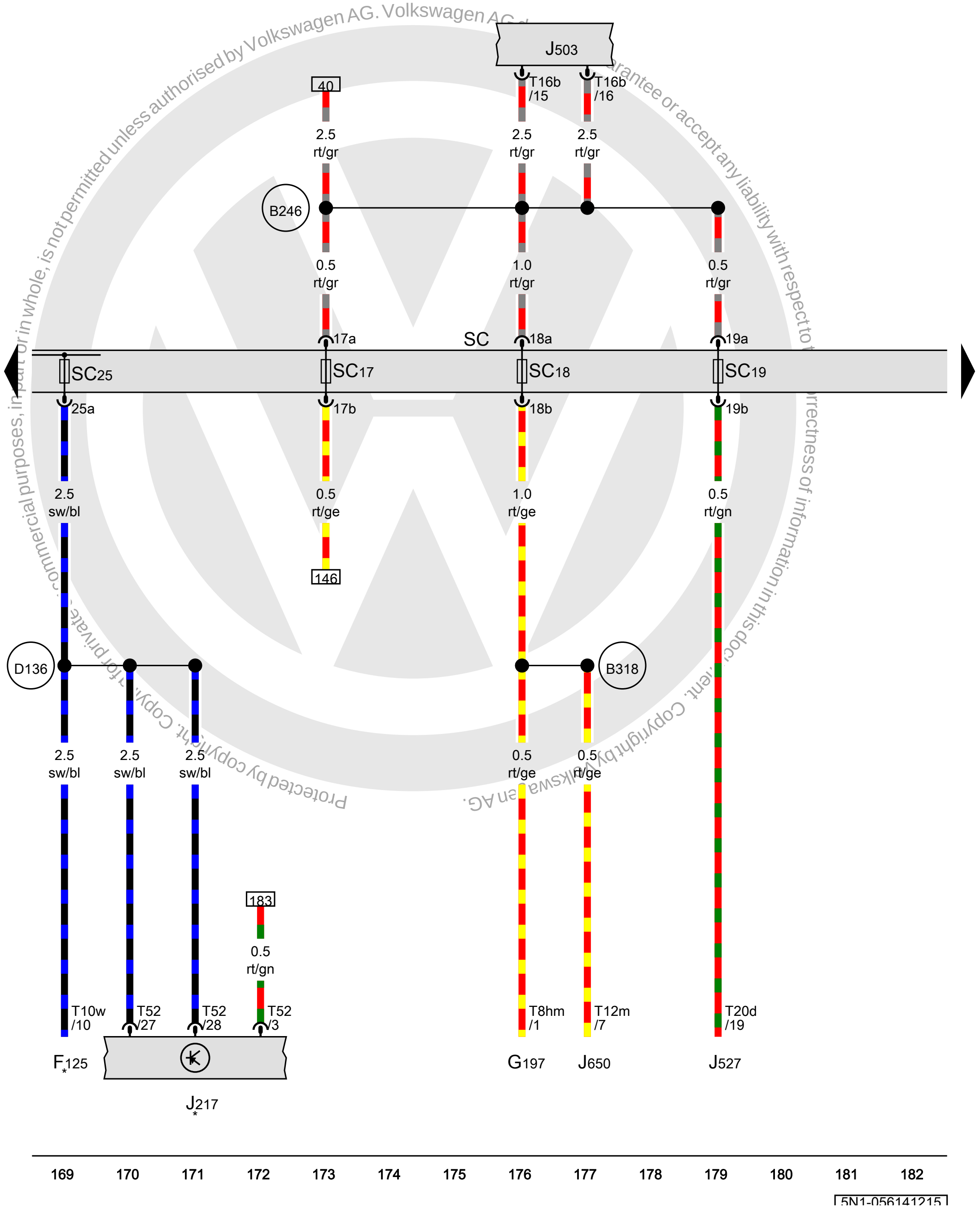


Fuse holder C

E20	Switch and instrument illumination regulator
G70	Air mass meter
J344	Right gas discharge bulb control unit
J540	Control unit for electromechanical parking brake
J745	Control unit for cornering light and headlight range control
N79	Heater element for crankcase breather
SC	Fuse holder C
SC15	Fuse 15 on fuse holder C
SC16	Fuse 16 on fuse holder C
T2es	2-pin connector
T8e	8-pin connector
T10i	10-pin connector
T10j	10-pin connector
T14f	14-pin connector
T16	16-pin connector
T26b	26-pin connector
T30p	30-pin connector
U31	Diagnostic connection
V48	Left headlight range control motor
V49	Right headlight range control motor
A192	Positive connection 3 (15a) in dash panel wiring harness
*	According to equipment
*2	Only models with remote controlled auxiliary heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

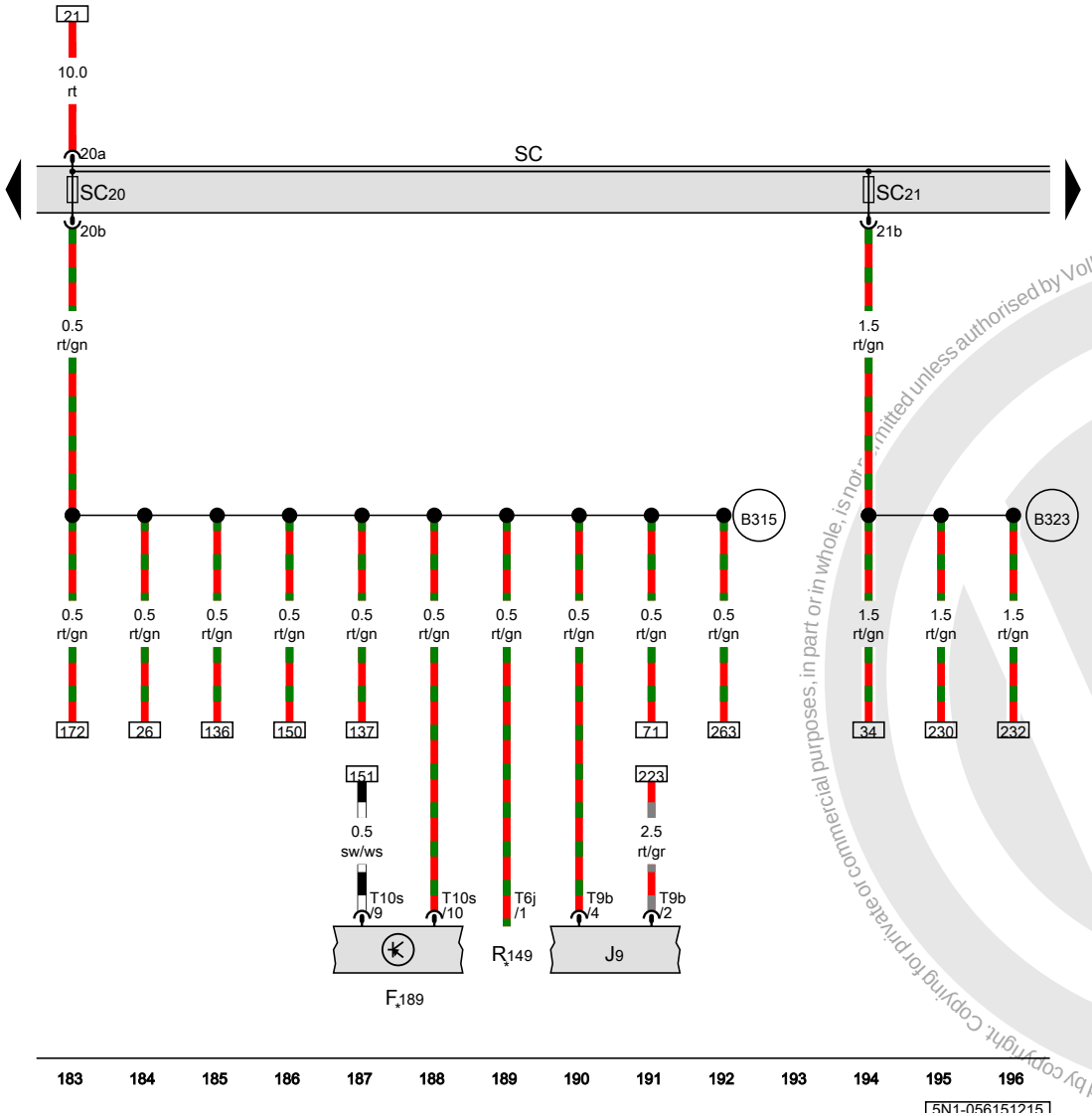
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Fuse holder C

F125	Multifunction switch
G197	Magnetic field sender for compass
J217	Automatic gearbox control unit
J503	Control unit with display for radio and navigation
J527	Steering column electronics control unit
J650	Multimedia system control unit
SC	Fuse holder C
SC17	Fuse 17 on fuse holder C
SC18	Fuse 18 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC25	Fuse 25 on fuse holder C
T8hm	8-pin connector
T10w	10-pin connector
T12m	12-pin connector
T16b	16-pin connector
T20d	20-pin connector
T52	52-pin connector
B246	Positive connection (30a, stabilised), in interior wiring harness
B318	Positive connection 4 (30a) in main wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

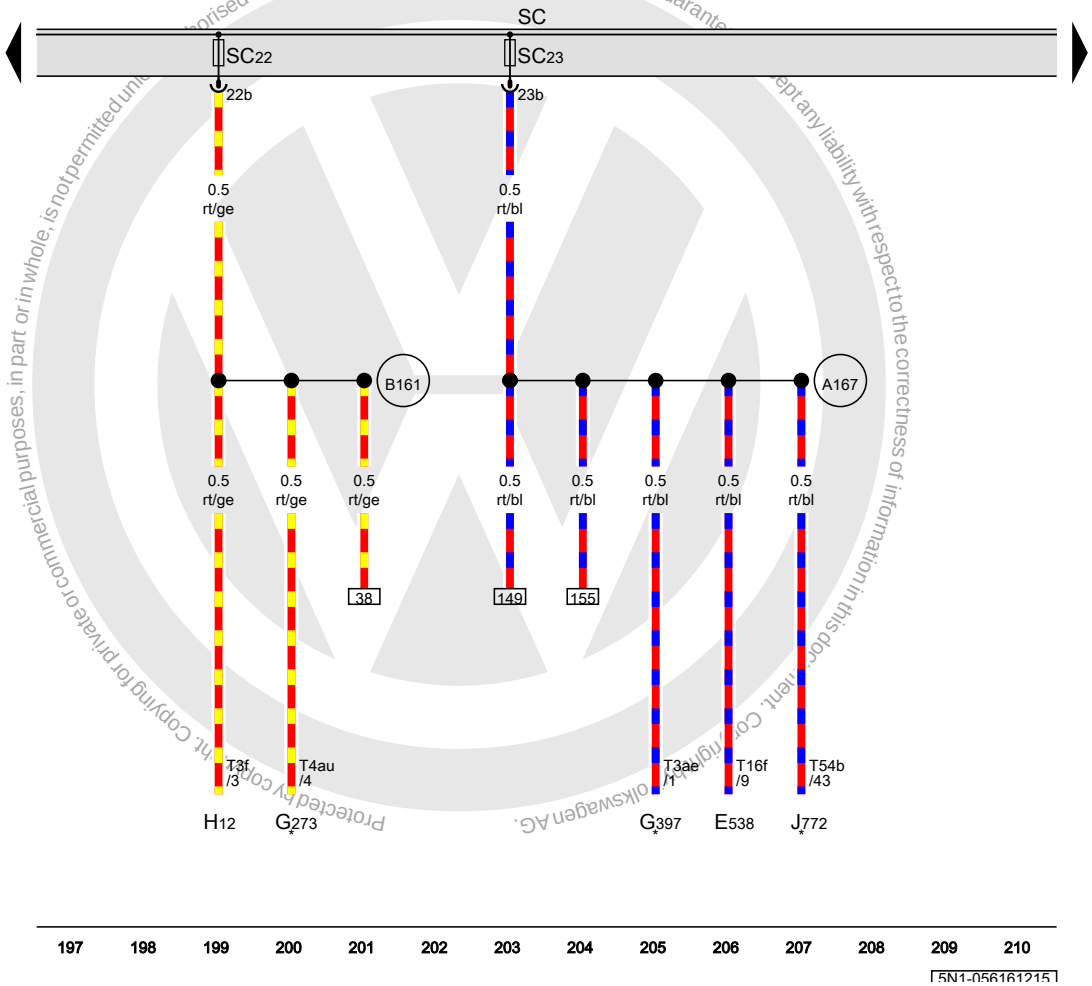


Fuse holder C

F189	Tiptronic switch
J9	Heated rear window relay
R149	Remote control receiver for auxiliary coolant heater
SC	Fuse holder C
SC20	Fuse 20 on fuse holder C
SC21	Fuse 21 on fuse holder C
T6j	6-pin connector
T9b	9-pin connector
T10s	10-pin connector
B315	Positive connection 1 (30a) in main wiring harness
B323	Positive connection 9 (30a) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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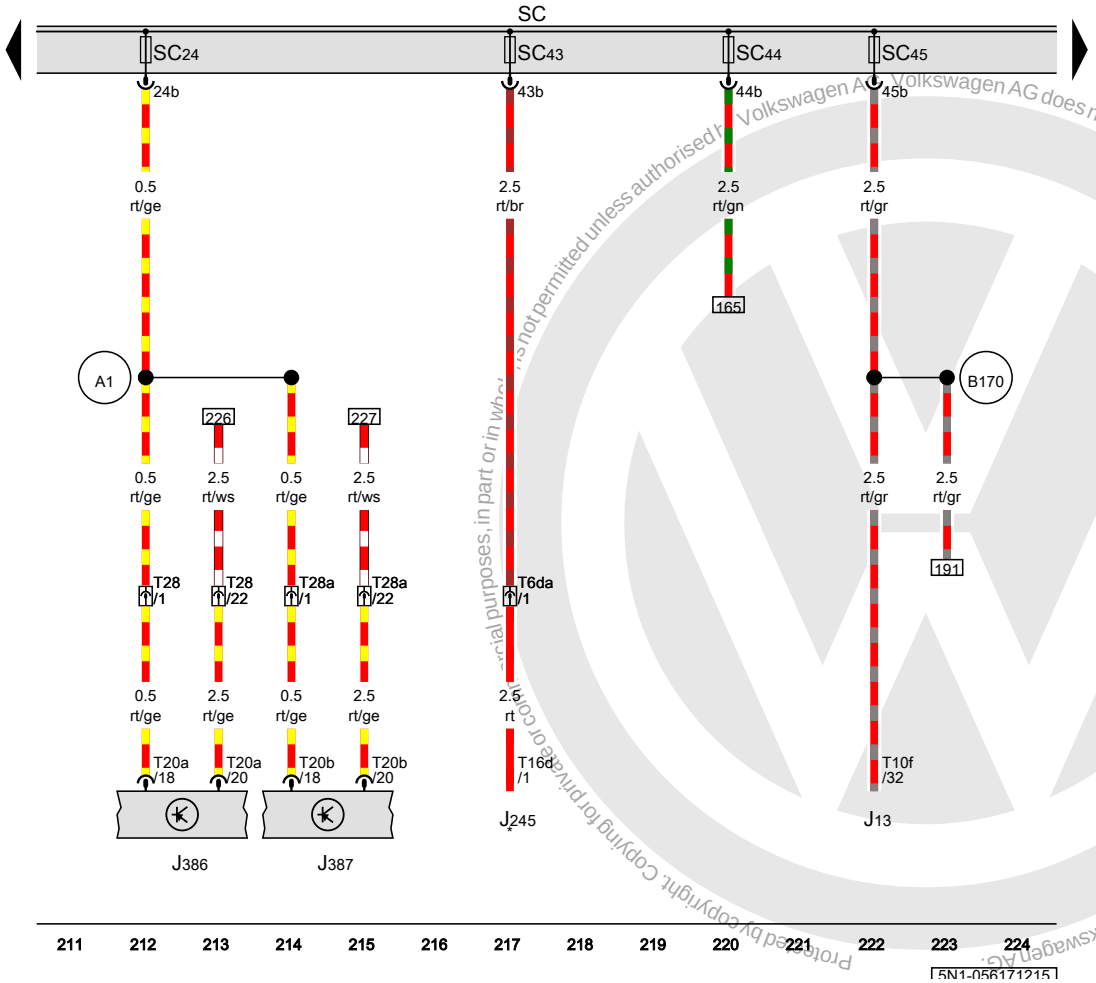


Fuse holder C

E538	Electromechanical parking brake button
G273	Interior monitoring sensor
G397	Rain and light sensor
H12	Alarm horn
J772	Reversing camera system control unit
SC	Fuse holder C
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
T3ae	3-pin connector
T3f	3-pin connector
T4au	4-pin connector
T16f	16-pin connector
T54b	54-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
B161	Connection (ATA), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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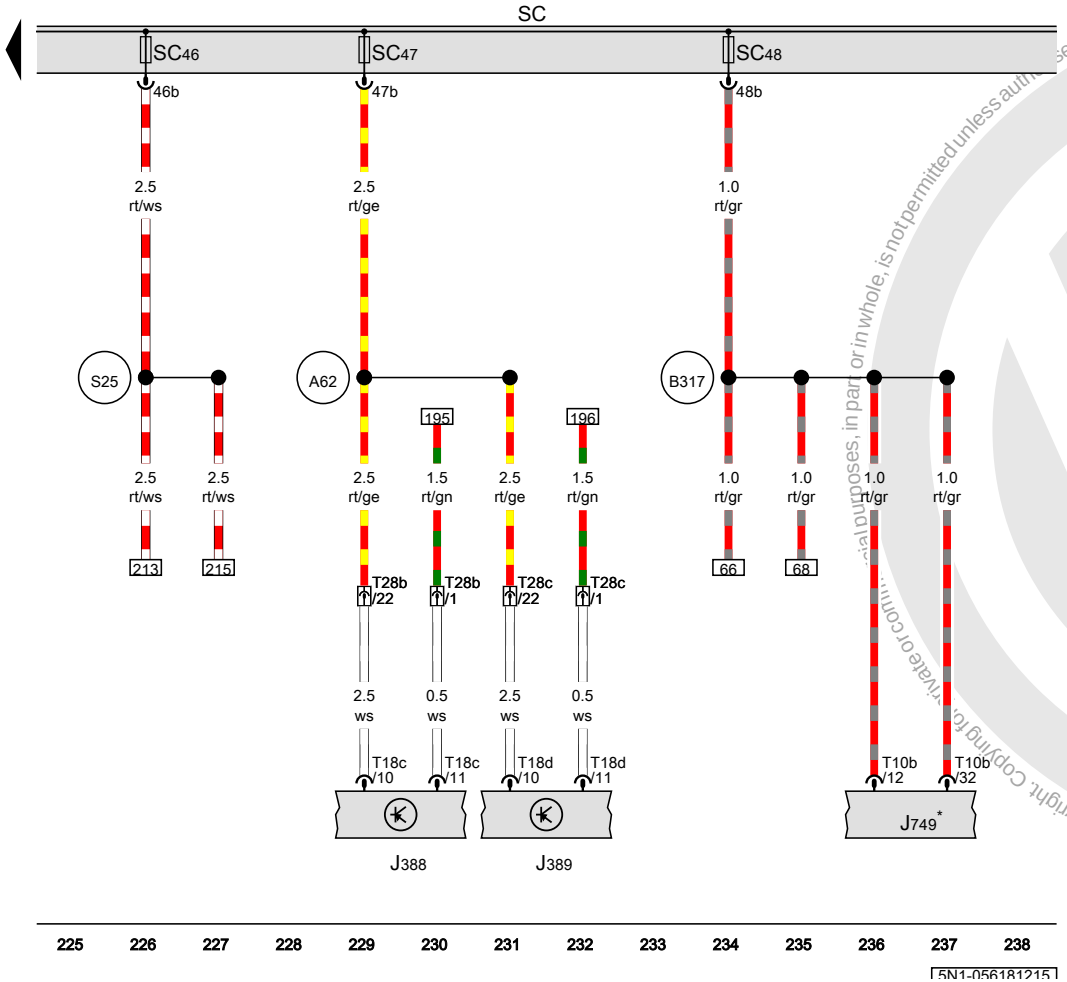


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuse holder C

J13	Fresh air blower relay
J245	Sliding sunroof adjustment control unit
J386	Driver door control unit
J387	Front passenger door control unit
SC	Fuse holder C
SC24	Fuse 24 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC44	Fuse 44 on fuse holder C
SC45	Fuse 45 on fuse holder C
T6da	6-pin connector
T10f	10-pin connector
T16d	16-pin connector
T20a	20-pin connector
T20b	20-pin connector
T28	28-pin connector
T28a	28-pin connector
A1	Positive connection (30a), in dash panel wiring harness
B170	Positive connection 2 (30), in interior wiring harness
*	According to equipment

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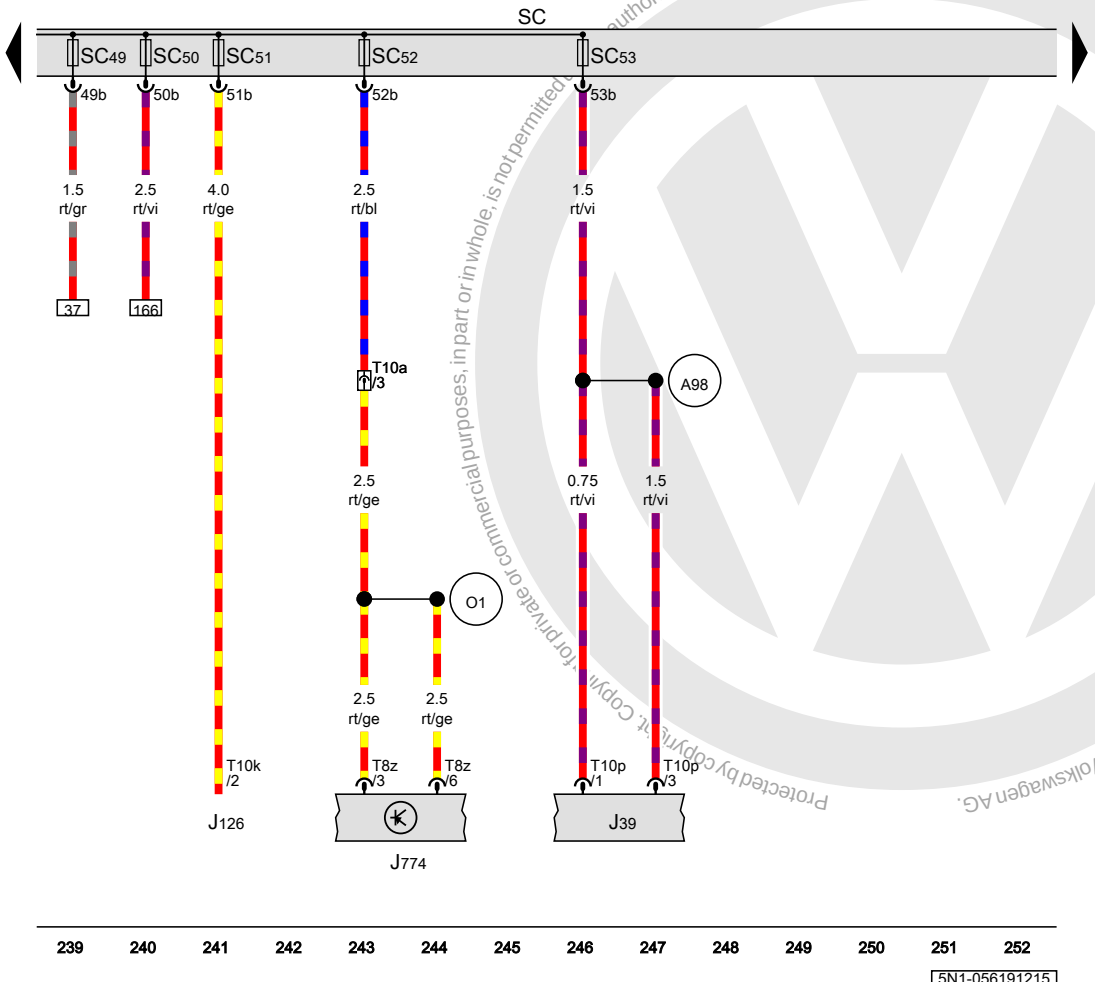


Fuse holder C

J388	Rear left door control unit
J389	Rear right door control unit
J749	Fuel pump relay for auxiliary heater
SC	Fuse holder C
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
T10b	10-pin connector
T18c	18-pin connector
T18d	18-pin connector
T28b	28-pin connector
T28c	28-pin connector
A62	Connection (window regulators), in dash panel wiring harness
B317	Positive connection 3 (30a) in main wiring harness
S25	Positive connection (30a), in central locking wiring harness
*	Only models with fuel operated auxiliary heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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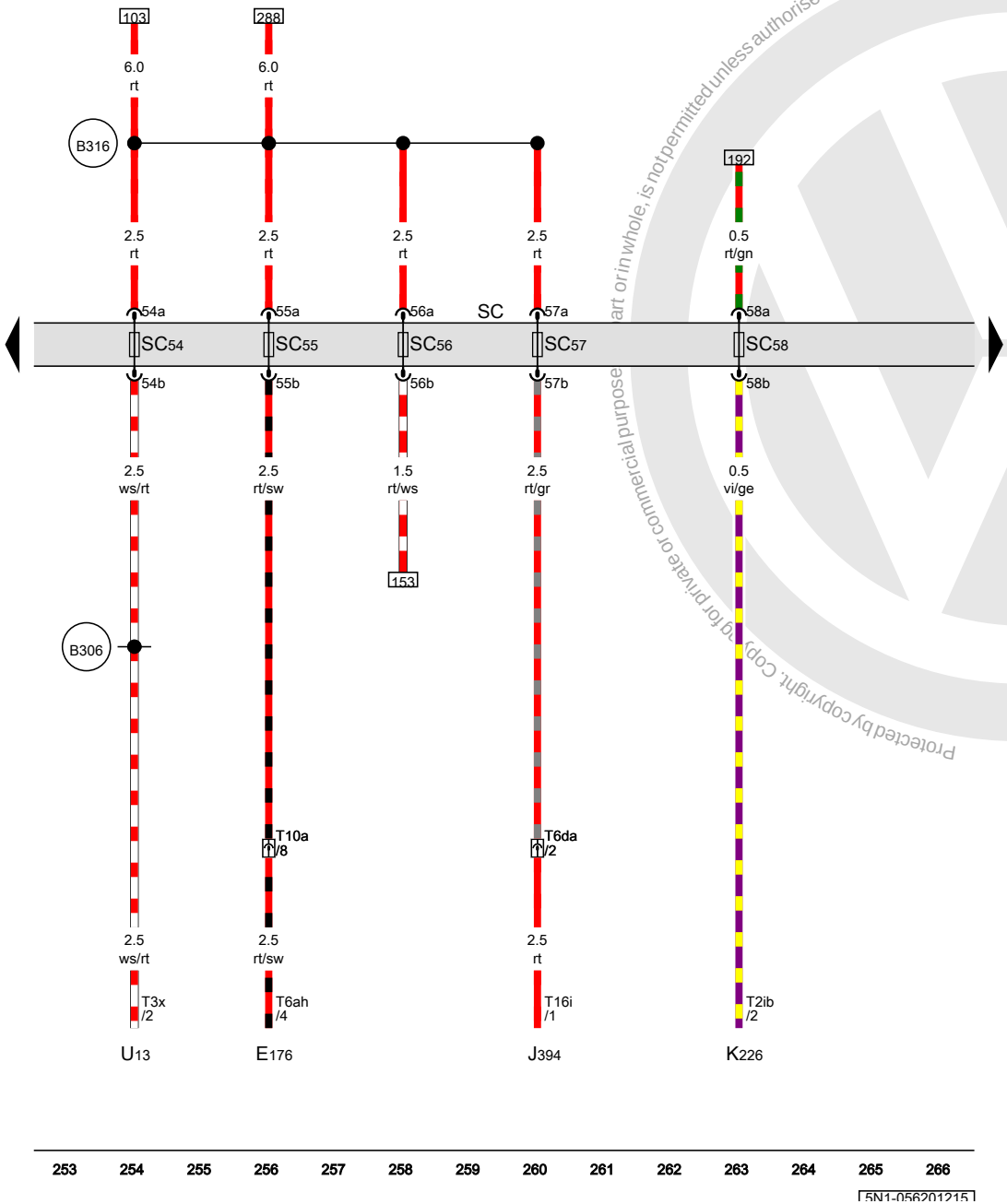


Fuse holder C

J39	Headlight washer system relay
J126	Fresh air blower control unit
J774	Heated front seats control unit
SC	Fuse holder C
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
SC52	Fuse 52 on fuse holder C
SC53	Fuse 53 on fuse holder C
T8z	8-pin connector
T10a	10-pin connector
T10k	10-pin connector
T10p	10-pin connector
A98	Positive connection 4 (30), in dash panel wiring harness
O1	Positive connection (30), in seat heating wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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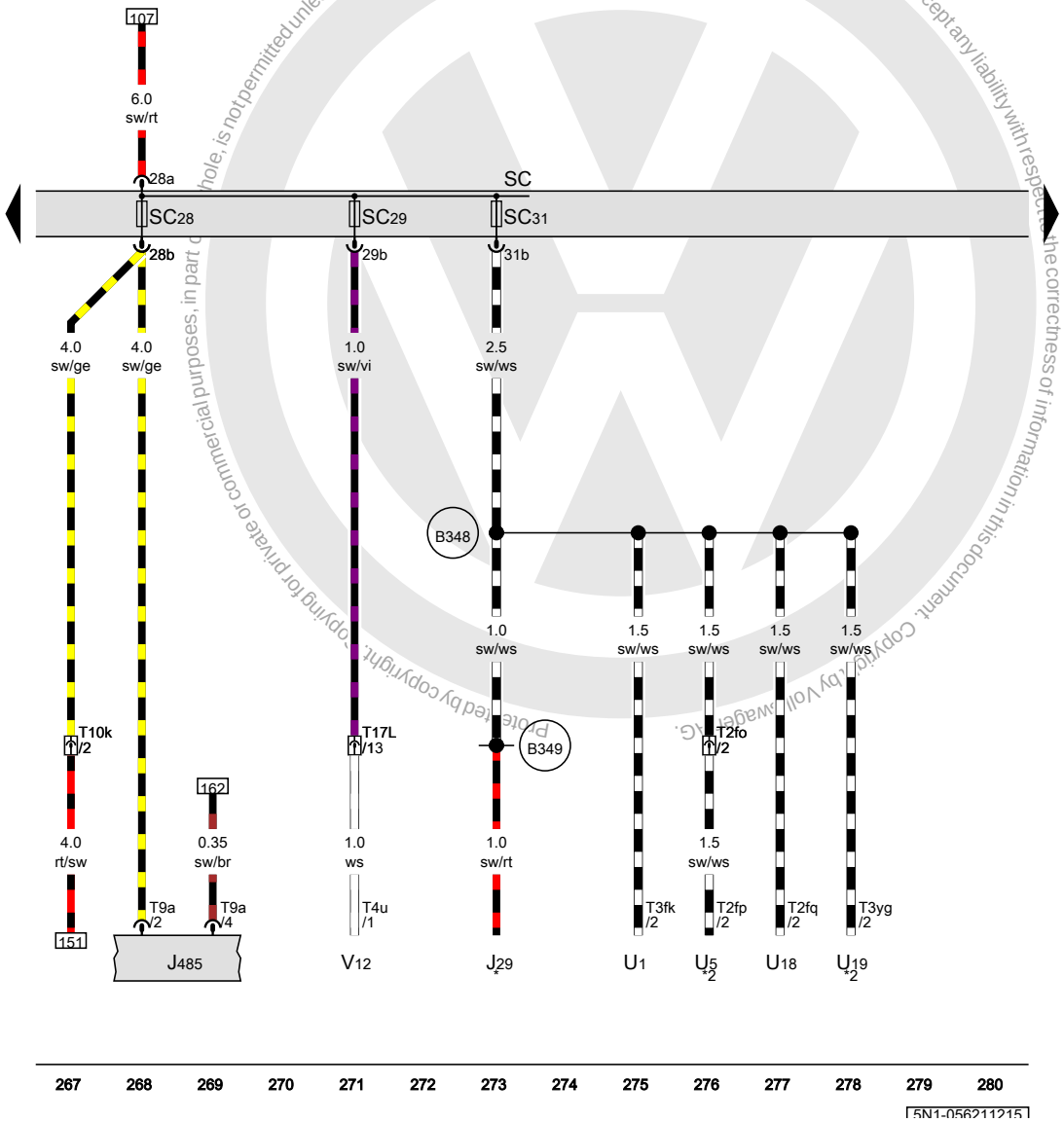


Fuse holder C

E176	Driver seat lumbar support adjustment switch
J394	Sunroof roller blind control unit
K226	Towing bracket locked warning lamp
SC	Fuse holder C
SC54	Fuse 54 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC56	Fuse 56 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC58	Fuse 58 on fuse holder C
T2ib	2-pin connector
T3x	3-pin connector
T6ah	6-pin connector
T6da	6-pin connector
T10a	10-pin connector
T16i	16-pin connector
U13	DC/AC converter with socket, 12 V - 230 V
B306	Positive connection 10 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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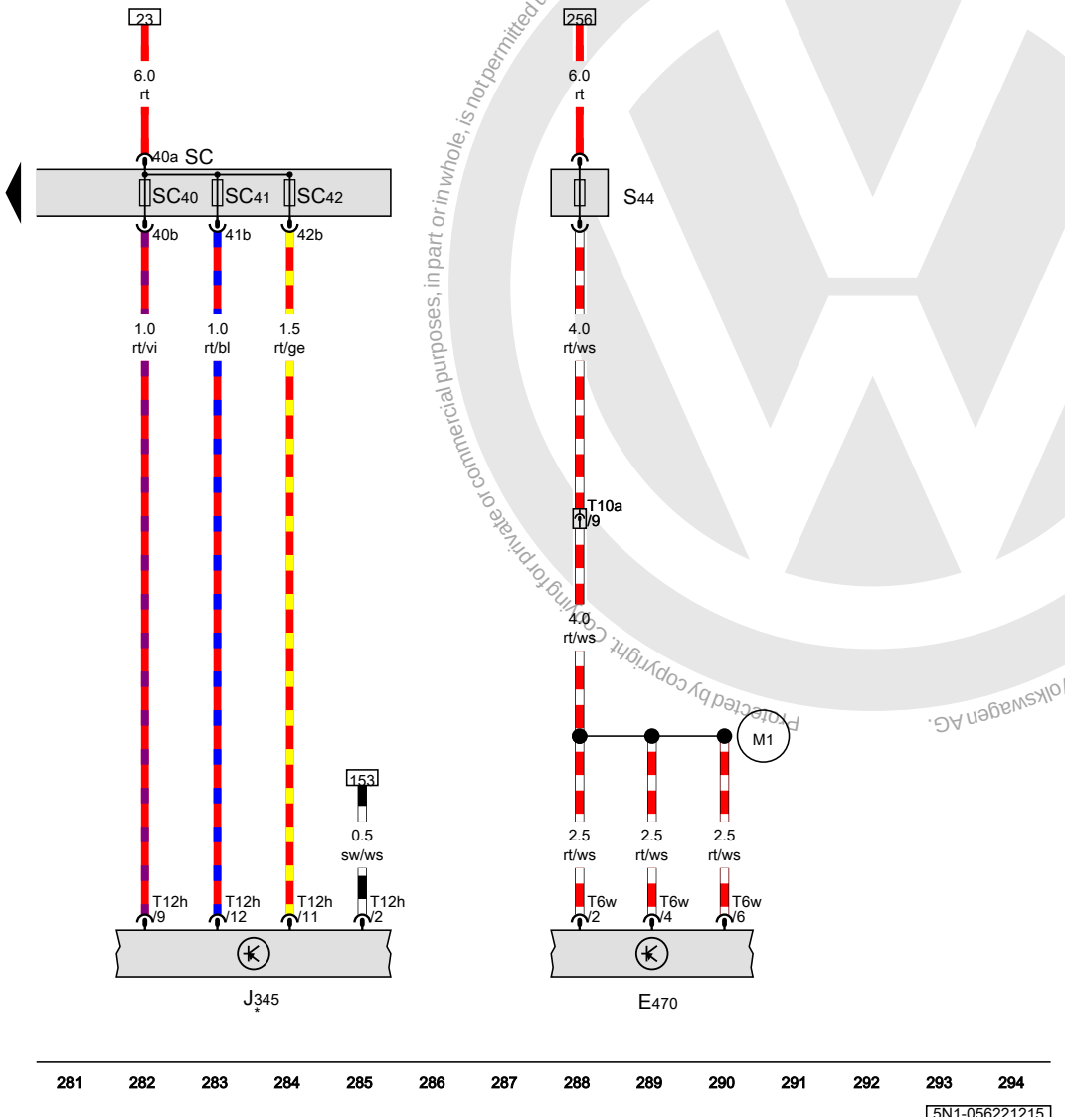


Fuse holder C

J29	Blocking diode
J485	Auxiliary heater operation relay
SC	Fuse holder C
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC31	Fuse 31 on fuse holder C
T2fo	2-pin connector
T2fp	2-pin connector
T2fq	2-pin connector
T3fk	3-pin connector
T3yg	3-pin connector
T4u	4-pin connector
T9a	9-pin connector
T10k	10-pin connector
T17L	17-pin connector
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
U19	12 V socket 3
V12	Rear window wiper motor
B348	Connection 1 (75a), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuse holder C

E470	Driver seat adjustment operating unit
J345	Trailer detector control unit
S44	Driver seat adjustment thermal fuse 1
SC	Fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
T6w	6-pin connector
T10a	10-pin connector
T12h	12-pin connector
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

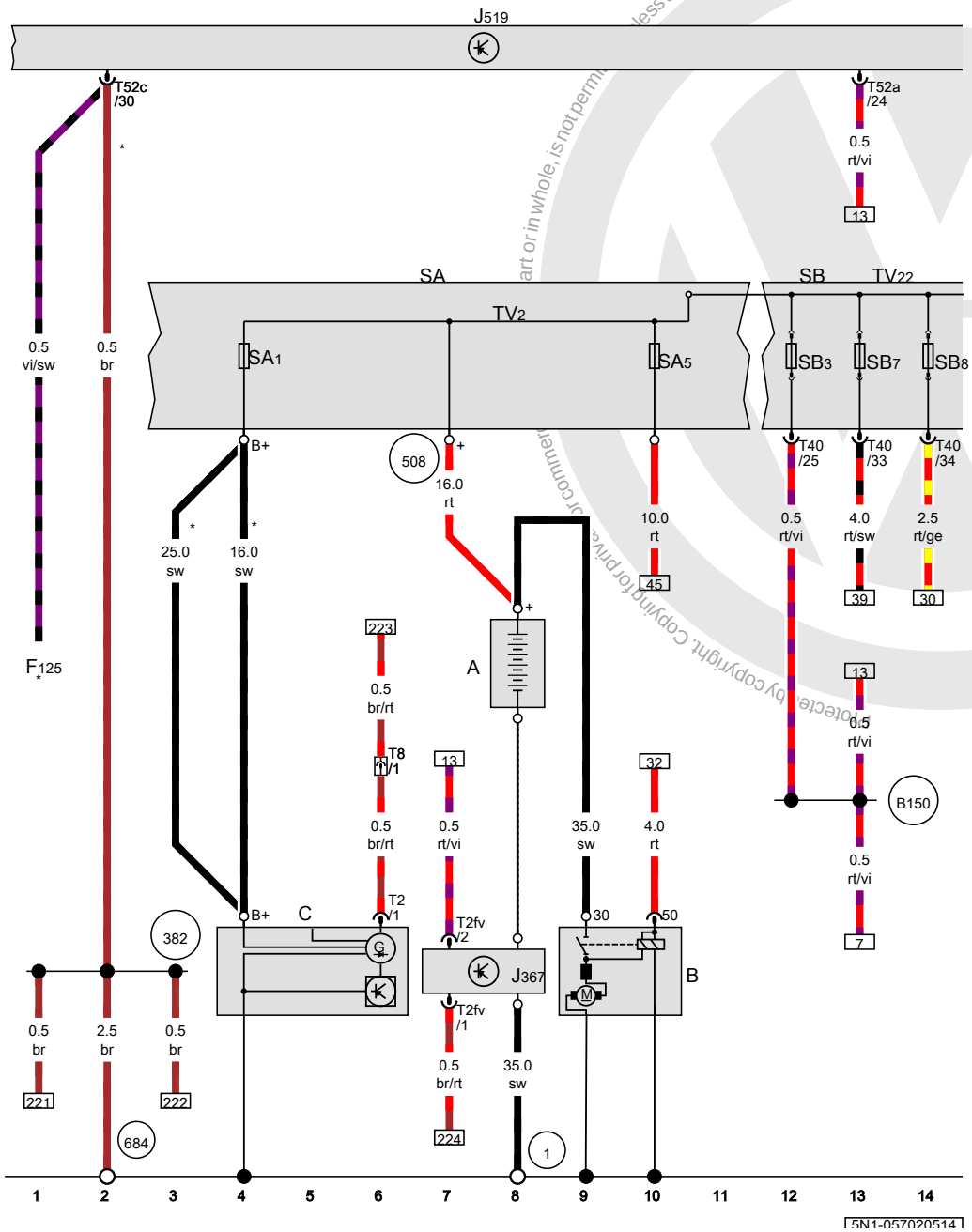
1.4l petrol engine with start/stop system , CAVA

From November 2009

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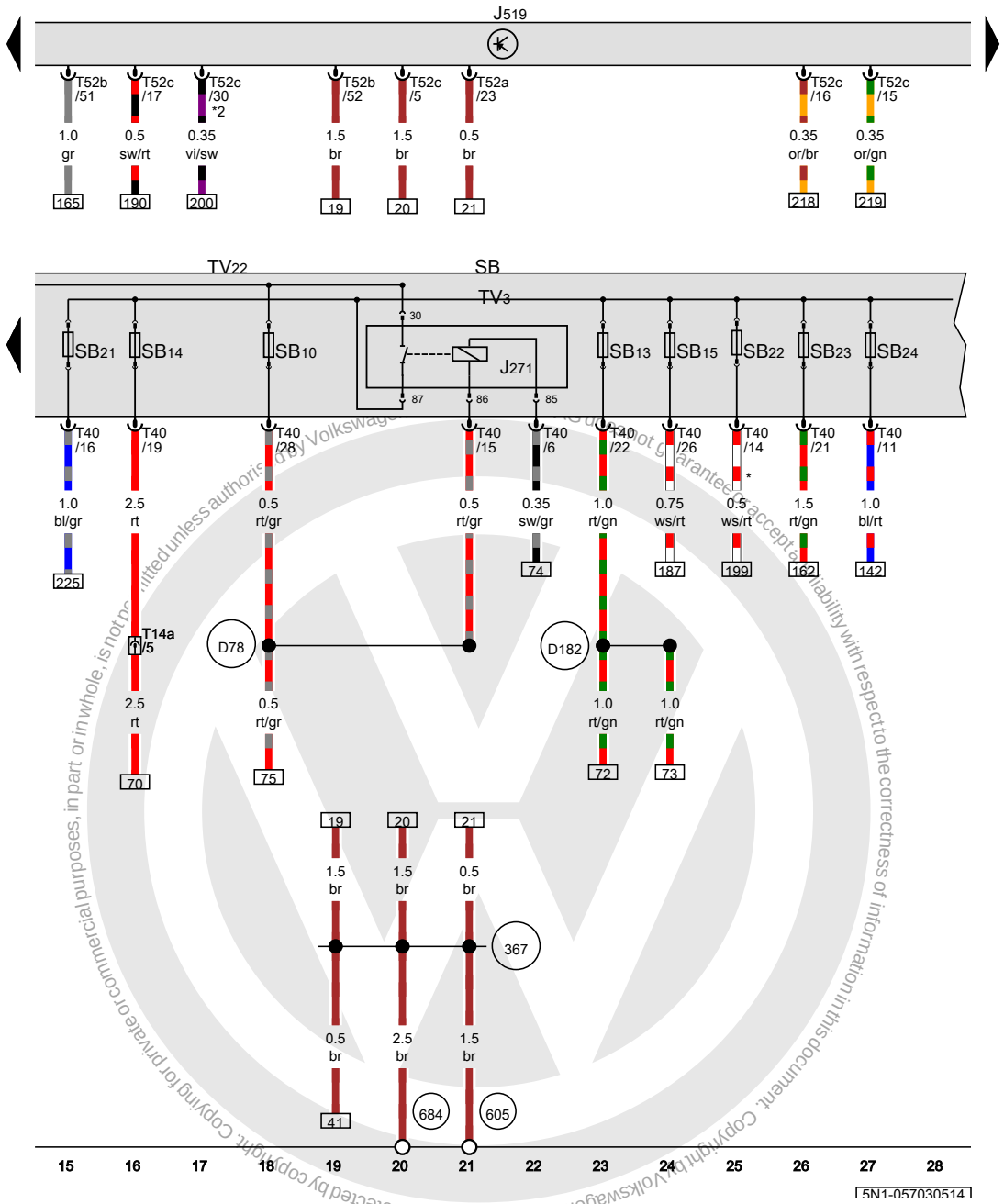
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Battery, Starter, Alternator, Battery monitor control unit, Onboard supply control unit, Fuse holder A, Fuse holder B



A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J367	Battery monitor control unit
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T2	2-pin connector
TV2	Terminal 30 wiring junction
T2fv	2-pin connector
T8	8-pin connector
T40	40-pin connector
T52a	52-pin connector
T52c	52-pin connector
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
684	Earth point on front of left side member
B150	Positive connection 2 (30a), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

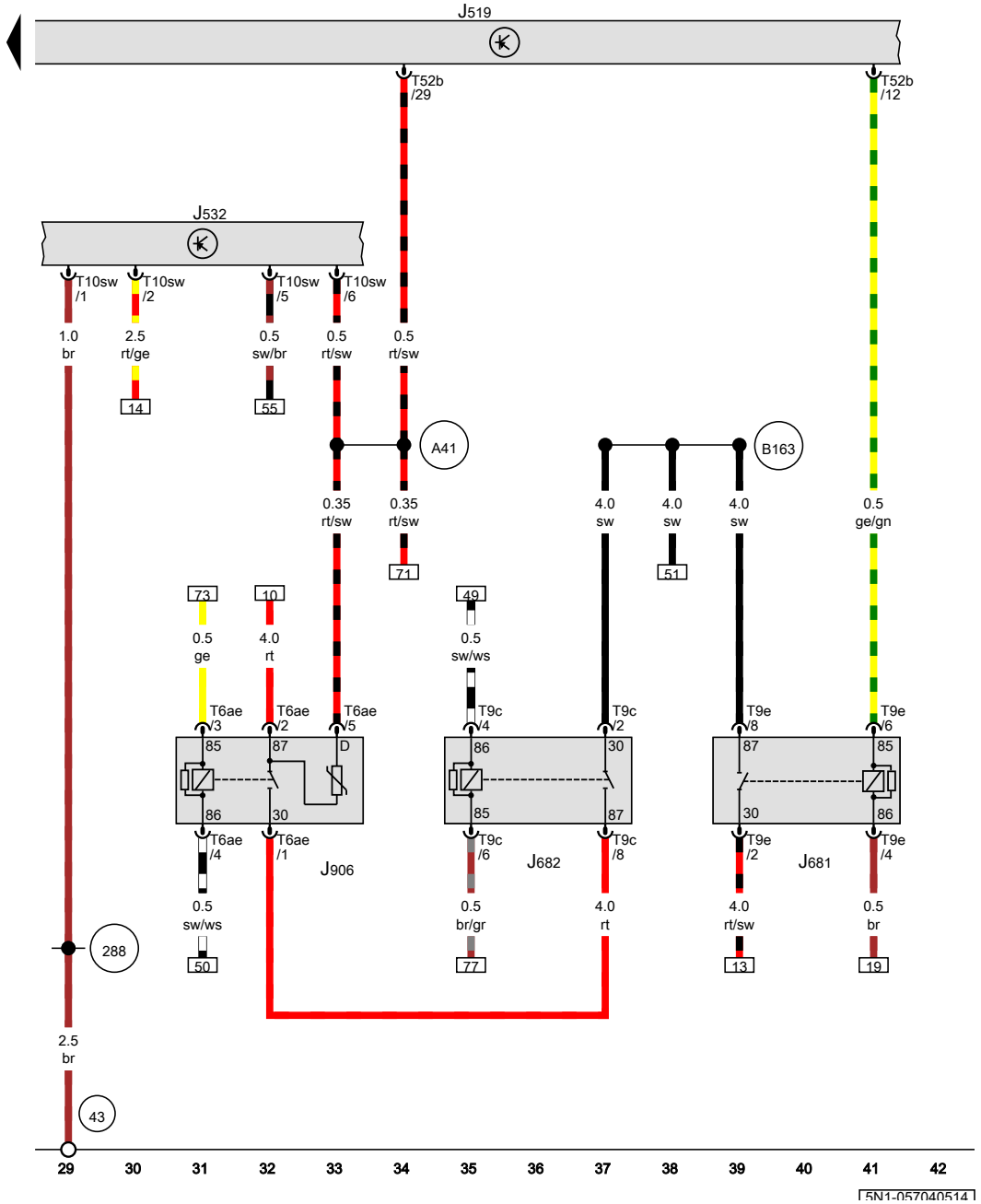


Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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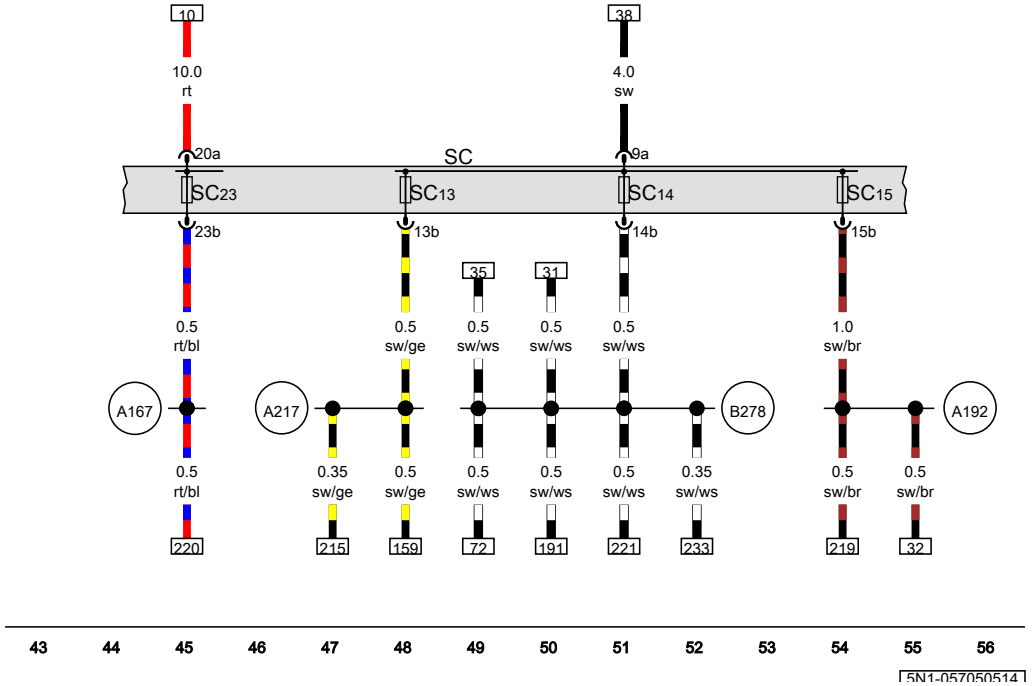


Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Starter relay 1

J519	Onboard supply control unit
J532	Voltage stabiliser
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
J906	Starter relay 1
T6ae	6-pin connector
T9c	9-pin connector
T9e	9-pin connector
T10sw	10-pin connector
T52b	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
A41	Positive connection (50), in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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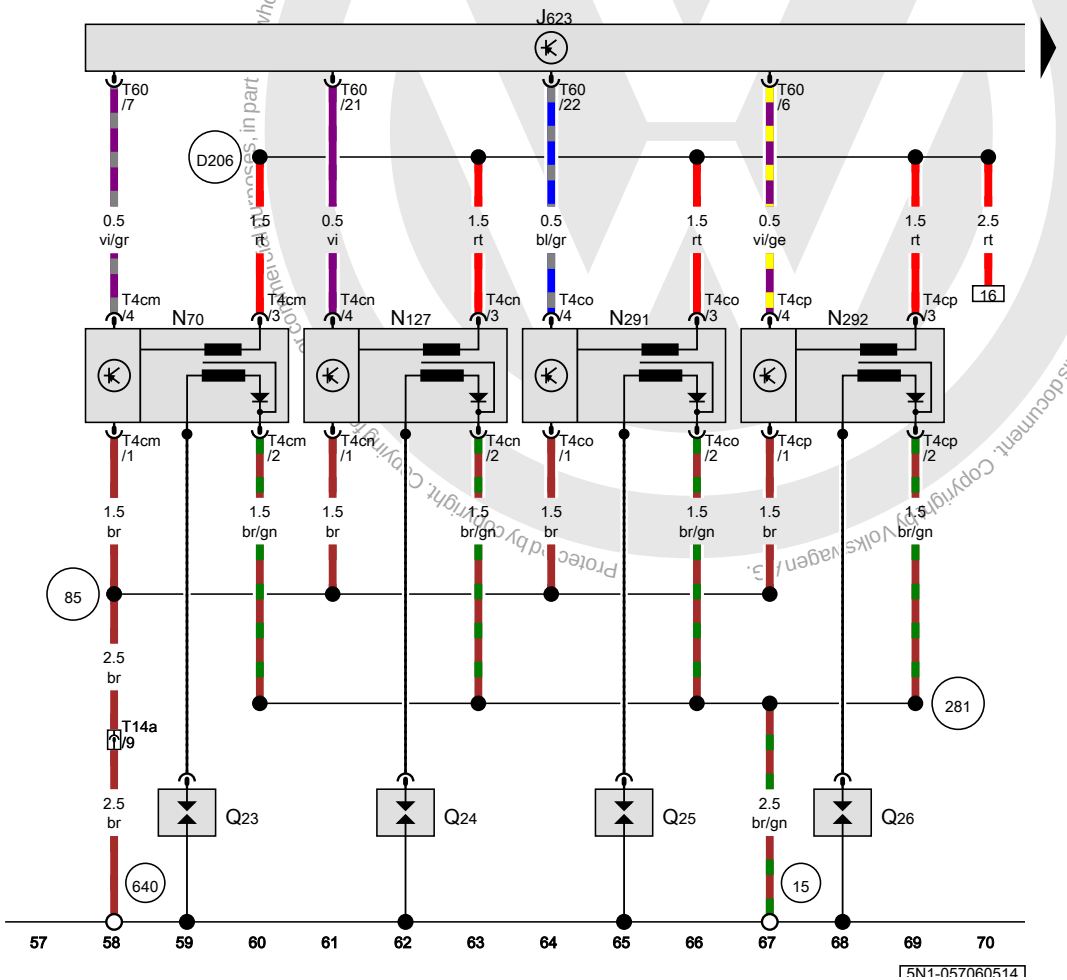


Fuse holder C

SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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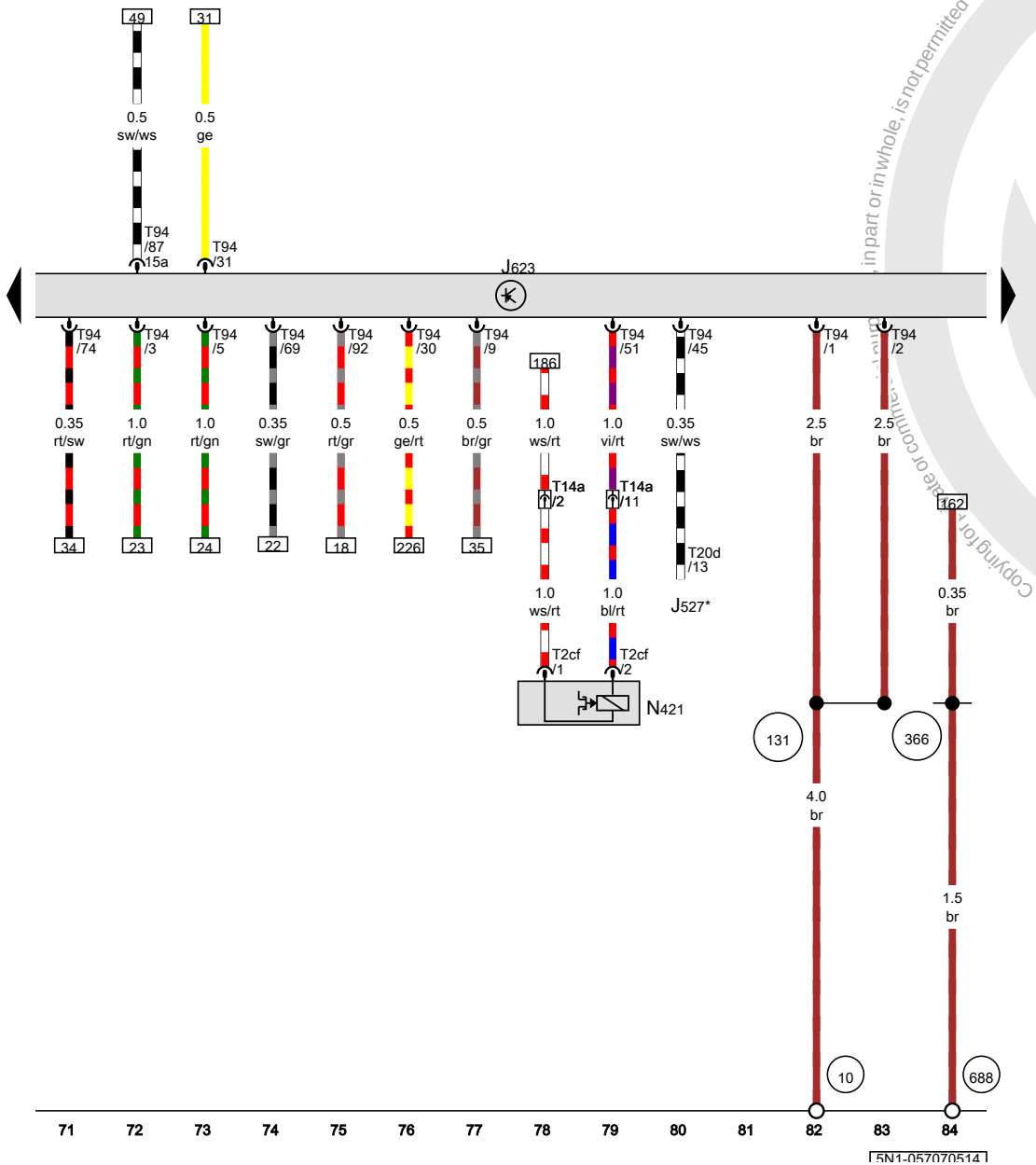


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
640	Earth point 2, left in engine compartment
D206	Connection 4 (87a) in engine prewiring harness

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Engine control unit, Magnetic clutch for supercharger

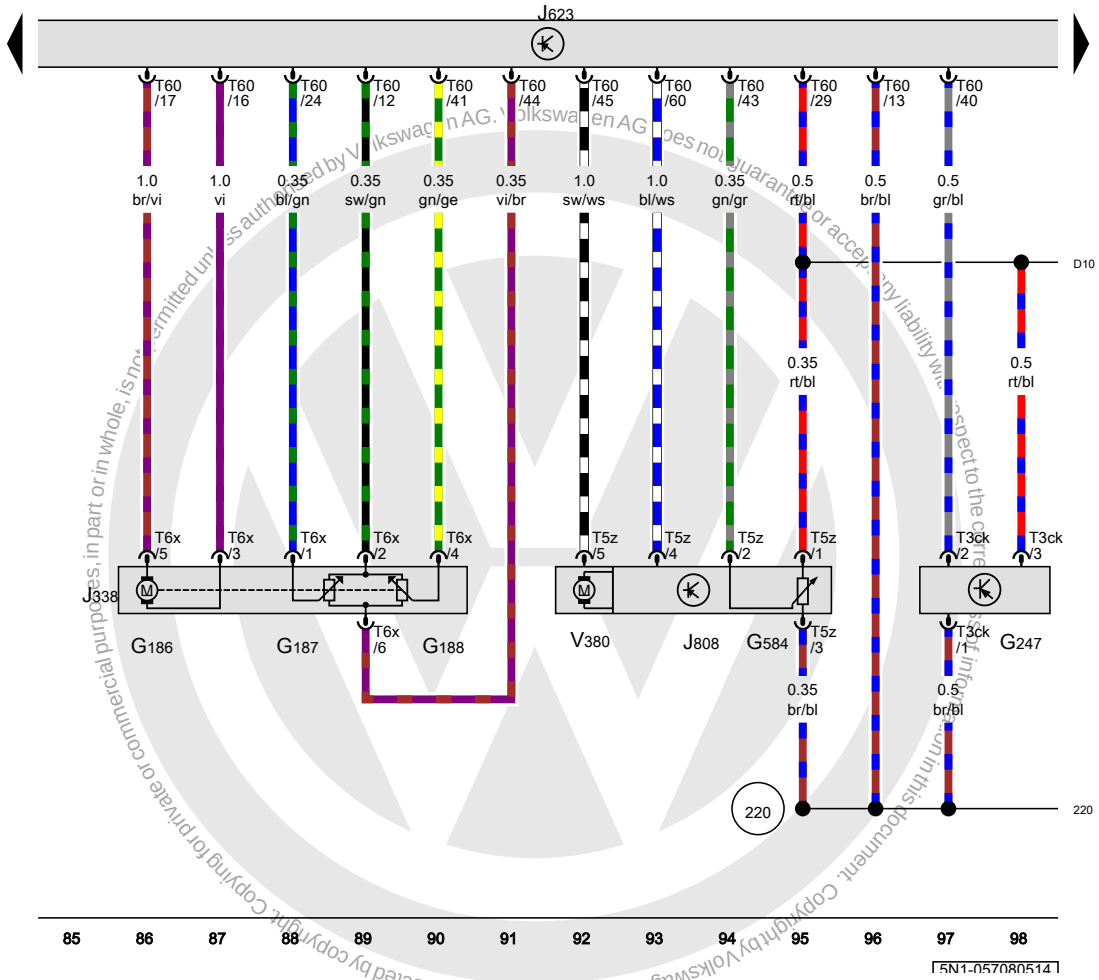
J527	Steering column electronics control unit
J623	Engine control unit
N421	Magnetic clutch for supercharger
T2cf	2-pin connector
T14a	14-pin connector
T20d	20-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
*	Only models with cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuel pressure sender, Throttle valve module, Engine control unit, Regulating flap control unit

G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
G584	Regulating flap potentiometer
J338	Throttle valve module
J623	Engine control unit
J808	Regulating flap control unit
T3ck	3-pin connector
T5z	5-pin connector
T6x	6-pin connector
T60	60-pin connector
V380	Regulating flap position control motor
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

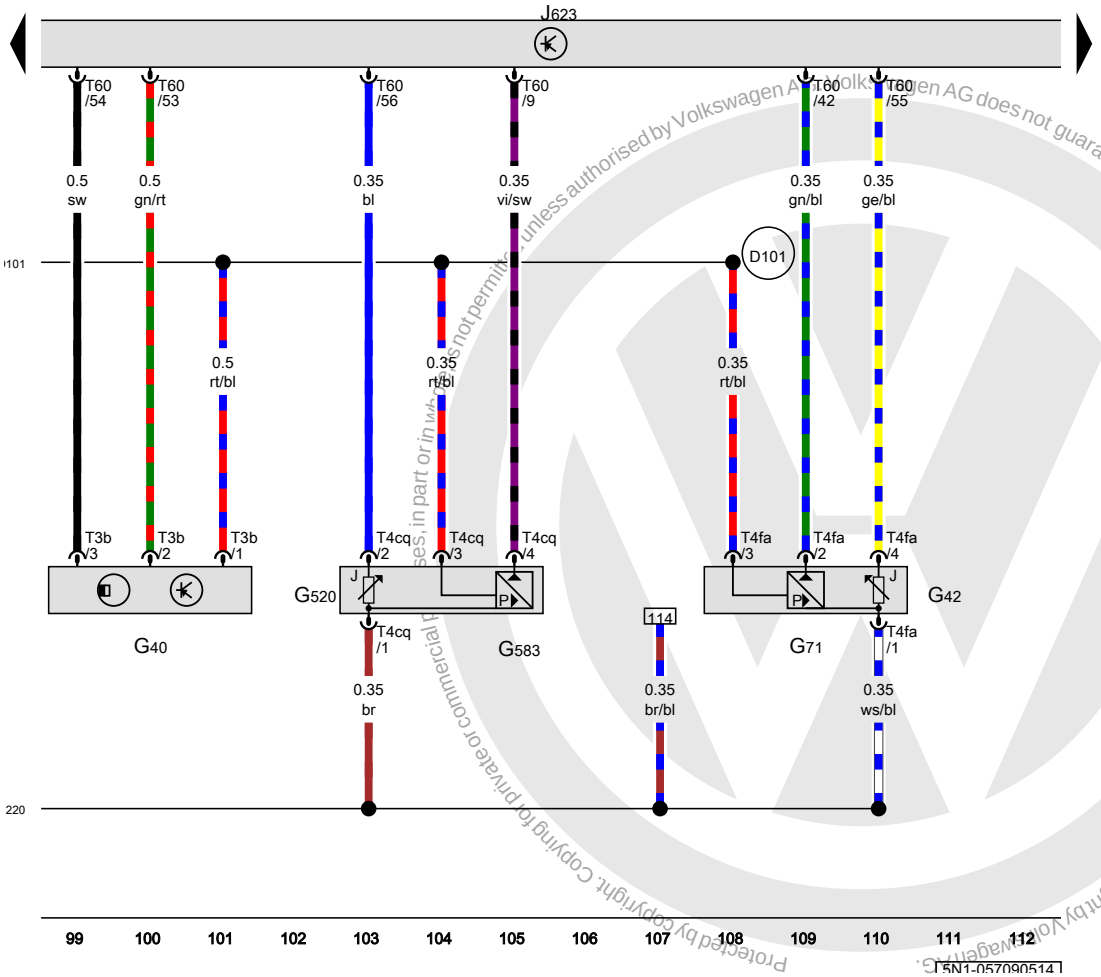


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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Intake manifold pressure sender, Intake manifold pressure sender 3, Engine control unit

G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G520	Intake air temperature sender 3
G583	Intake manifold pressure sender 3
J623	Engine control unit
T3b	3-pin connector
T4cq	4-pin connector
T4fa	4-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

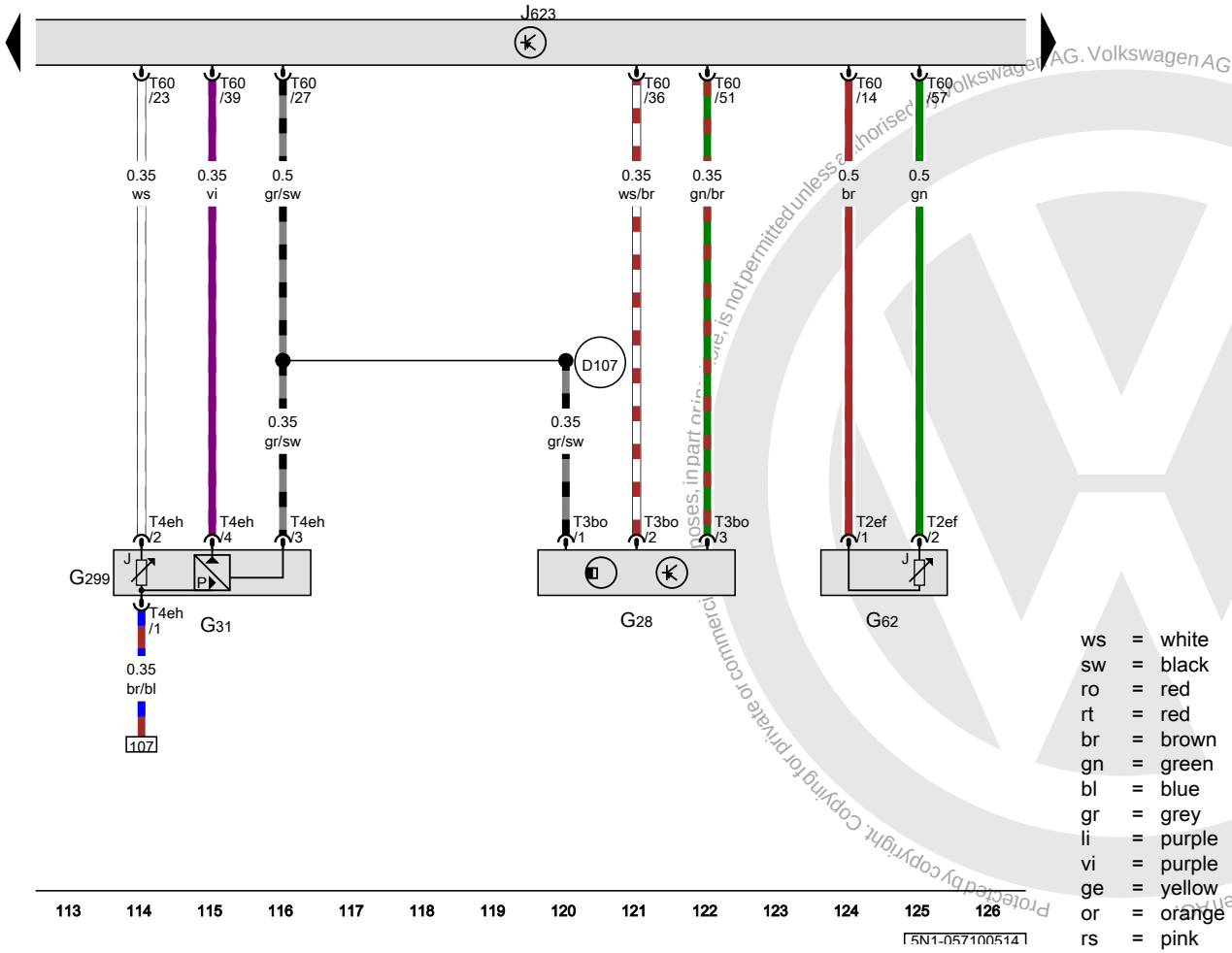


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Engine speed sender, Charge pressure sender, Coolant temperature sender, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G62	Coolant temperature sender
G299	Intake air temperature sender 2
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T4eh	4-pin connector
T60	60-pin connector
D107	Connection 5 in engine compartment wiring harness

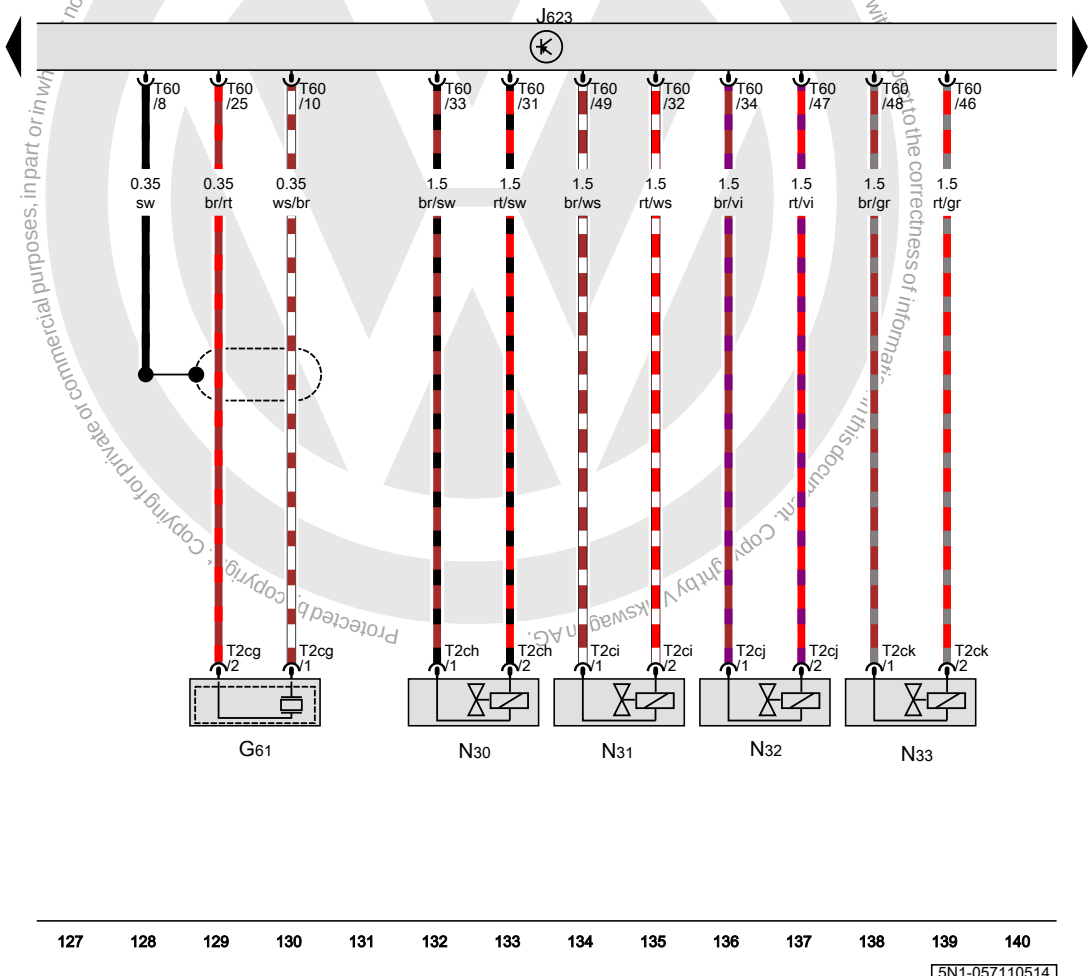


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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Knock sensor 1, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G61	Knock sensor 1
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2cg	2-pin connector
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T60	60-pin connector

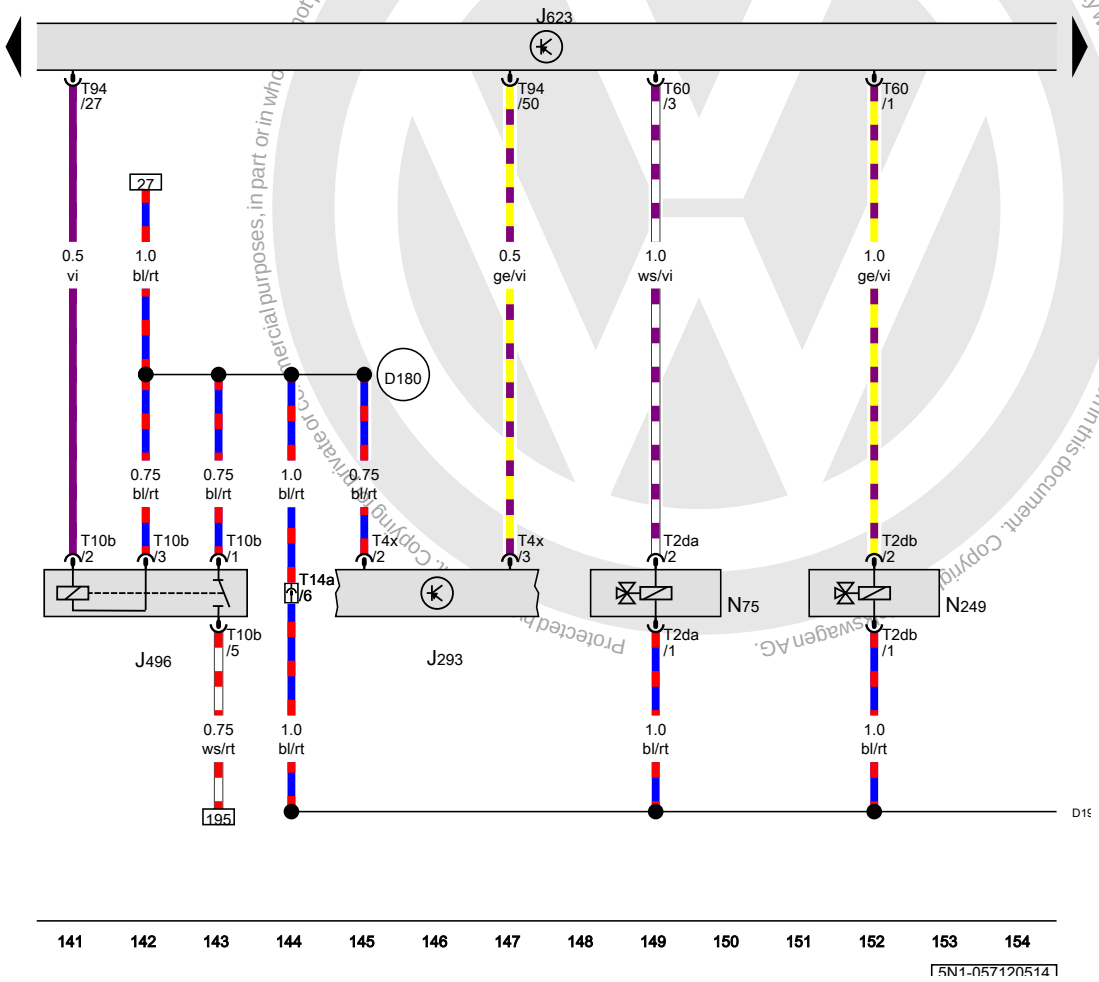


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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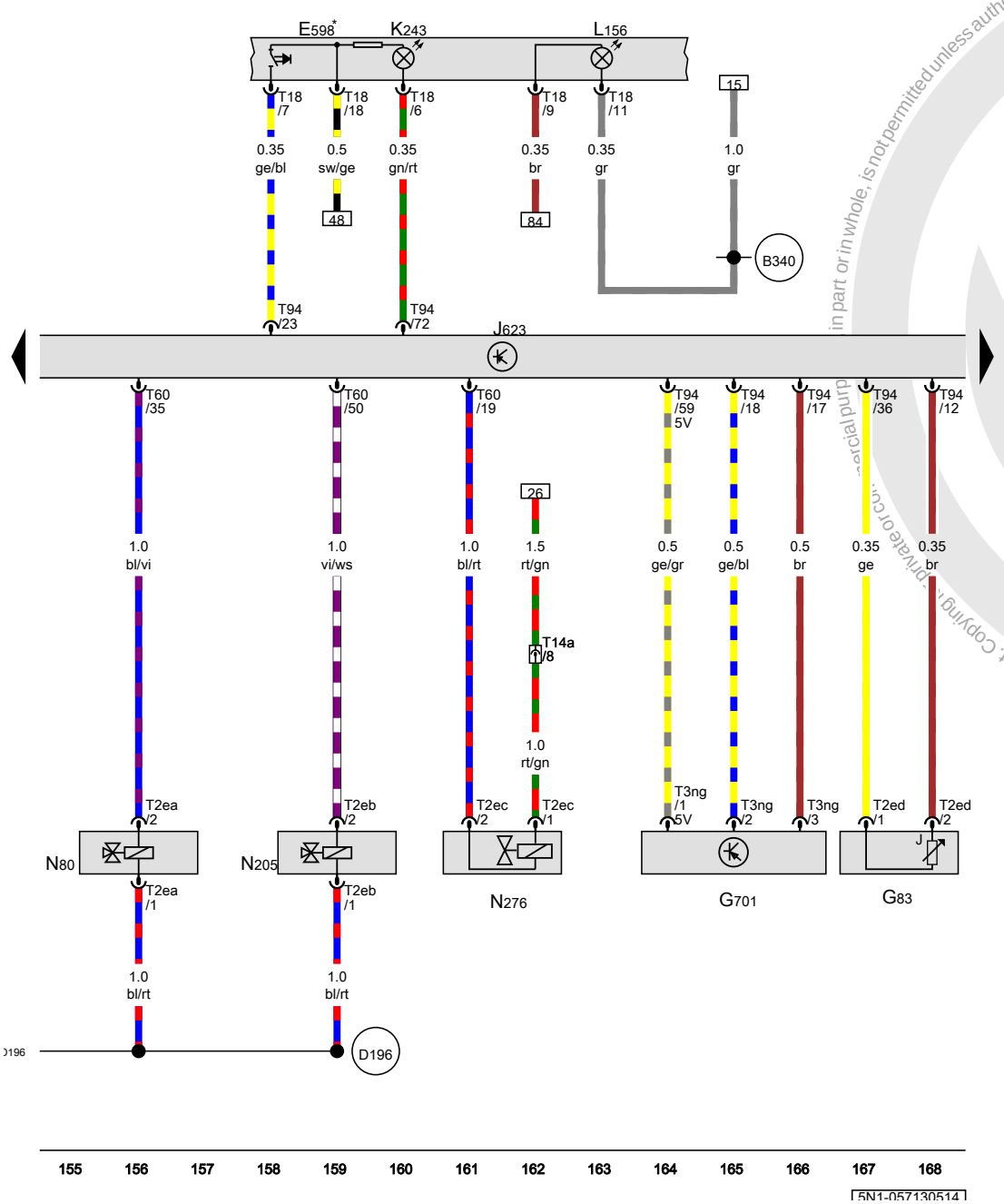
Radiator fan control unit, Additional coolant pump relay, Engine control unit, Charge pressure control solenoid valve, Turbocharger air recirculation valve

J293	Radiator fan control unit
J496	Additional coolant pump relay
J623	Engine control unit
N75	Charge pressure control solenoid valve
N249	Turbocharger air recirculation valve
T2da	2-pin connector
T2db	2-pin connector
T4x	4-pin connector
T10b	10-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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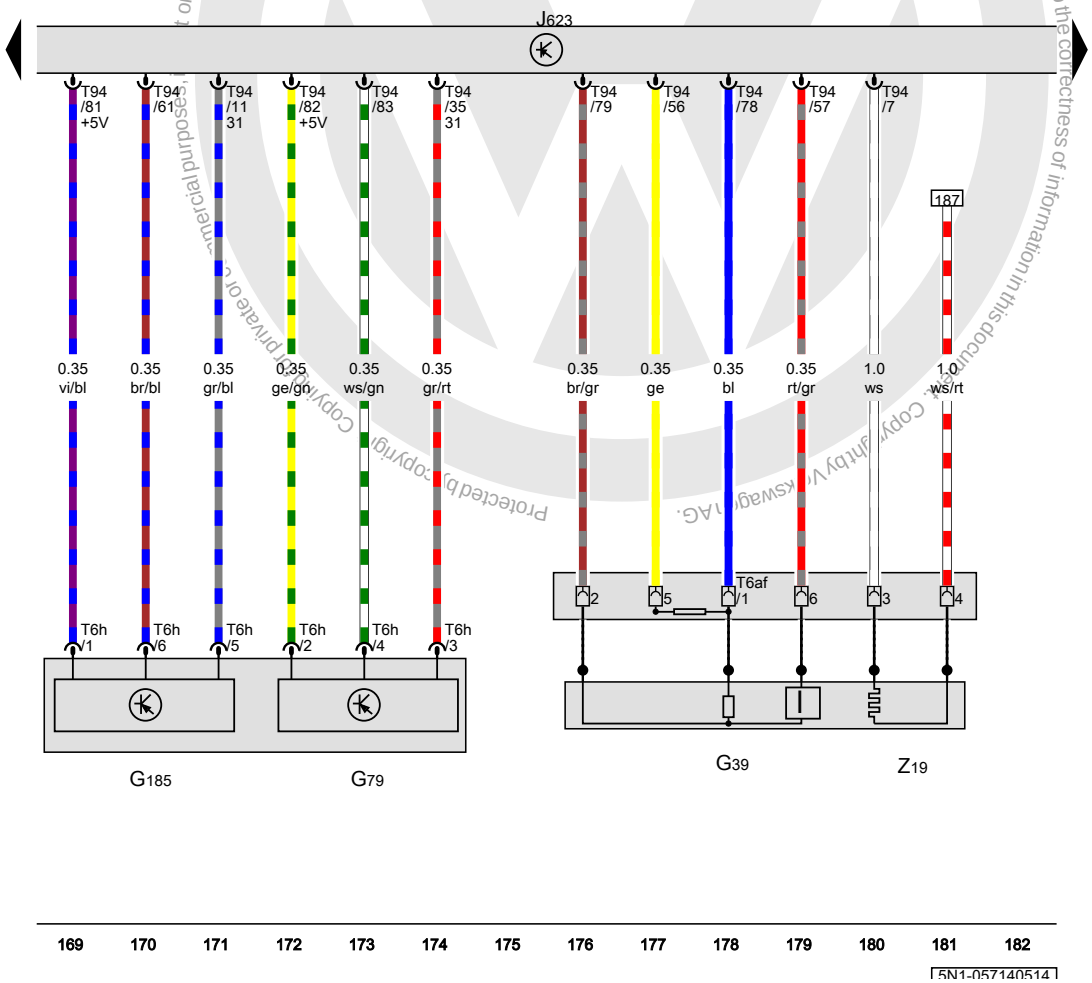
Radiator outlet coolant temperature sender, Gearbox neutral position sender, Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve

E598	Driving program button
G83	Radiator outlet coolant temperature sender
G701	Gearbox neutral position sender
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
T2ea	2-pin connector
T2eb	2-pin connector
T2ec	2-pin connector
T2ed	2-pin connector
T3ng	3-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
B340	Connection 1 (58d), in main wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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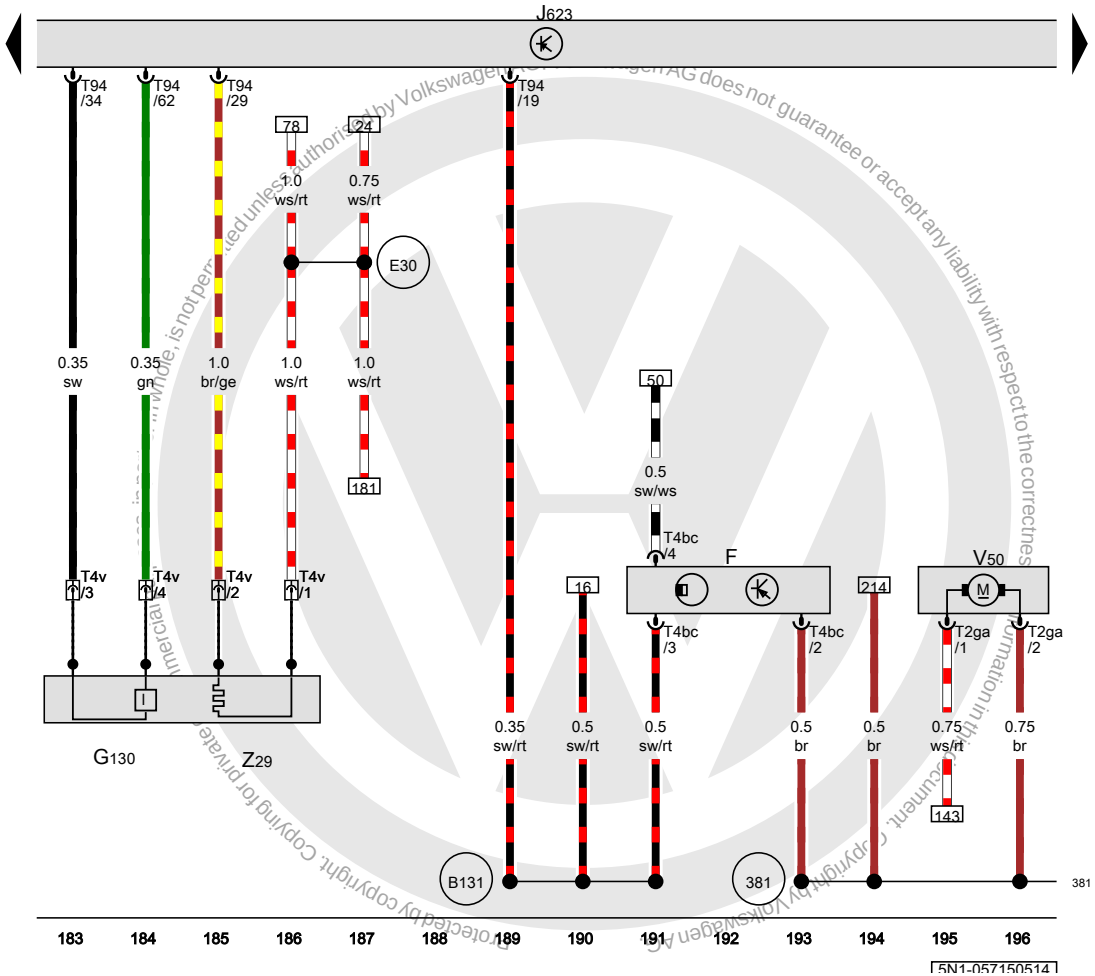
Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine control unit

G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6af	6-pin connector
T6h	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

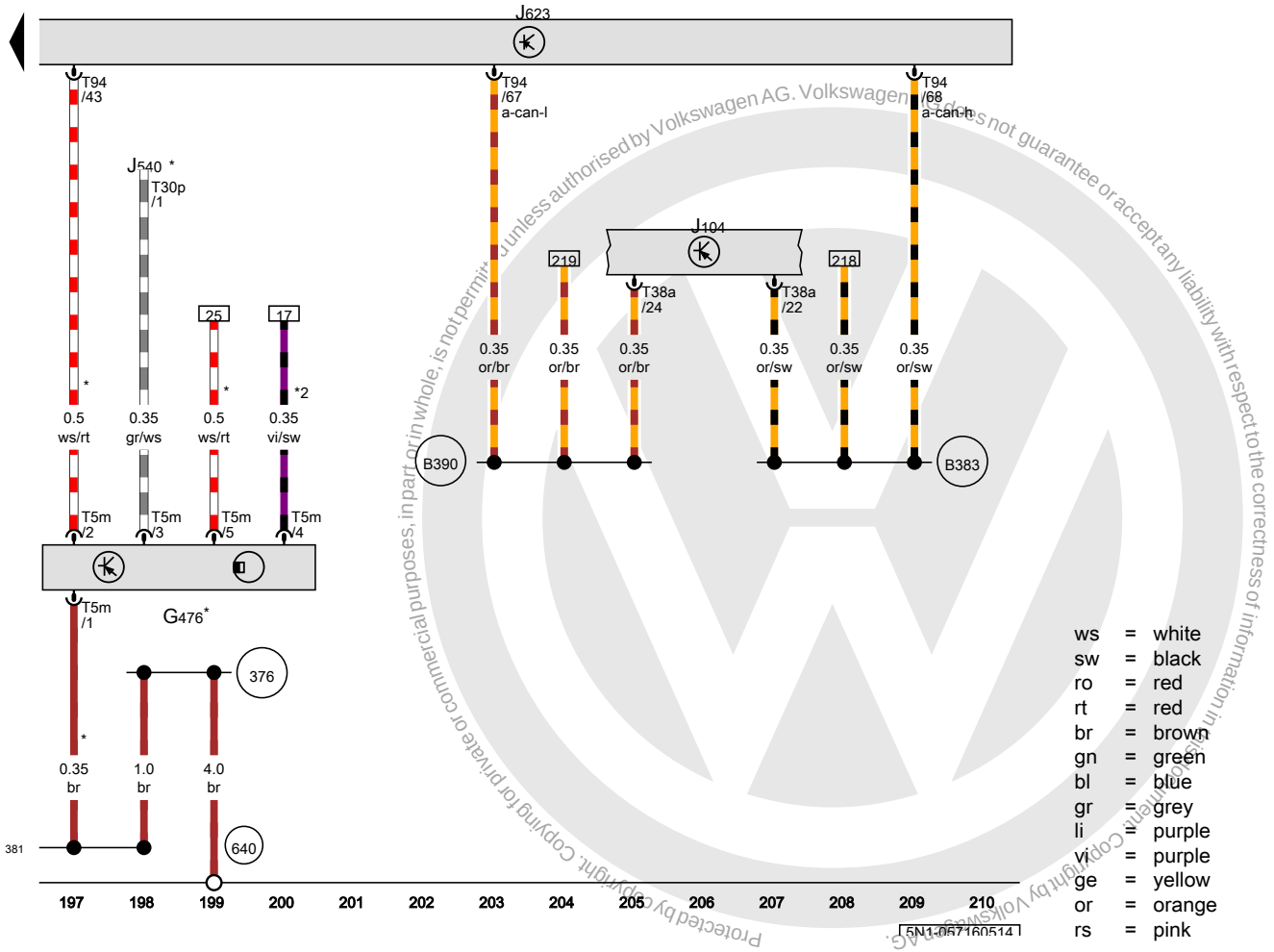
Brake light switch, Lambda probe after catalytic converter, Engine control unit, Coolant circulation pump

F	Brake light switch
G130	Lambda probe after catalytic converter
J623	Engine control unit
T2ga	2-pin connector
T4bc	4-pin connector
T4v	4-pin connector
T94	94-pin connector
V50	Coolant circulation pump
Z29	Lambda probe 1 heater after catalytic converter
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness
E30	Connection (87a), in engine wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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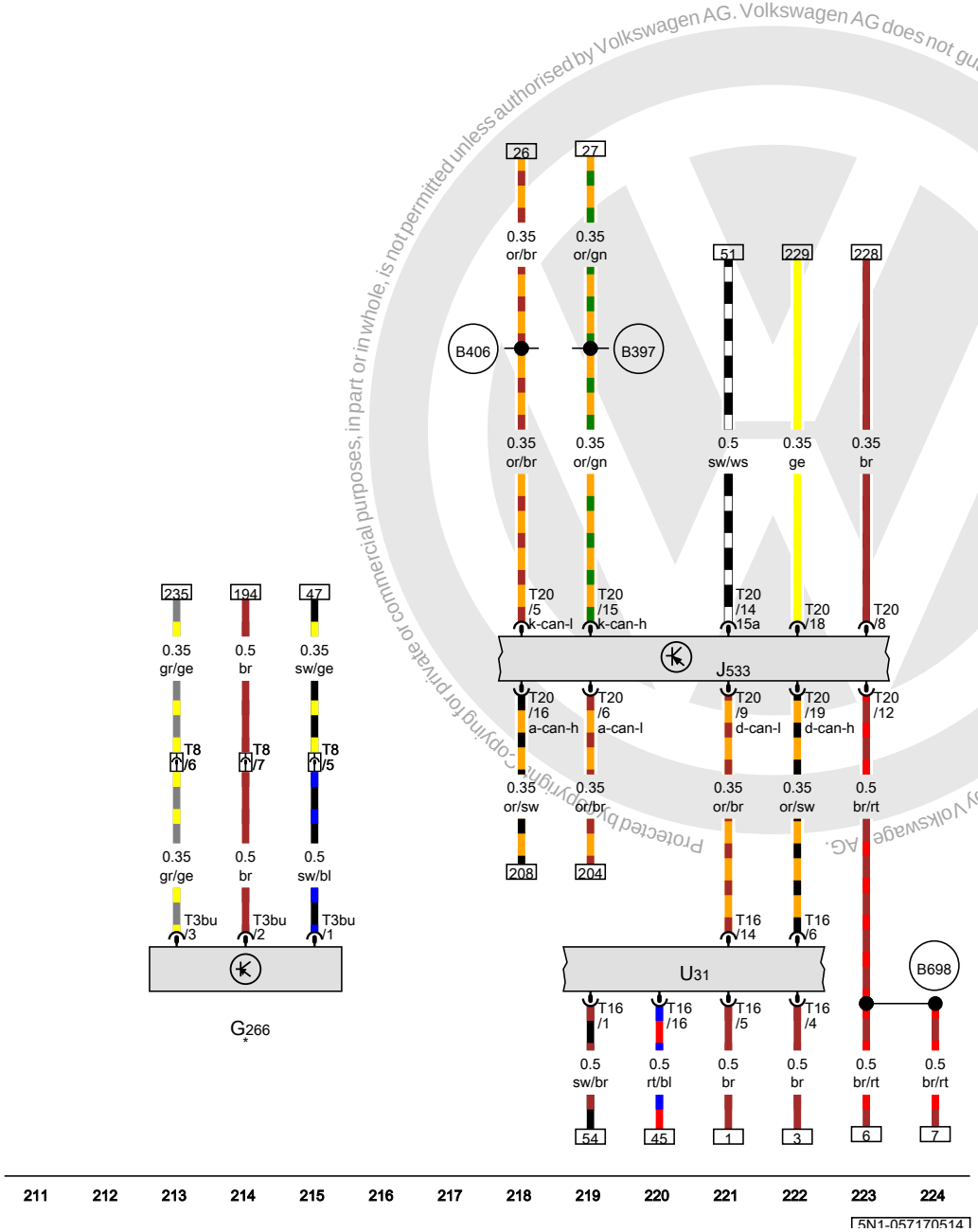
Clutch position sender, Engine control unit

G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5m	5-pin connector
T30p	30-pin connector
T38a	38-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only for American markets

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Oil level and oil temperature sender, Data bus diagnostic interface, Diagnostic connection

G266	Oil level and oil temperature sender
J533	Data bus diagnostic interface
T3bu	3-pin connector
T8	8-pin connector
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	According to equipment

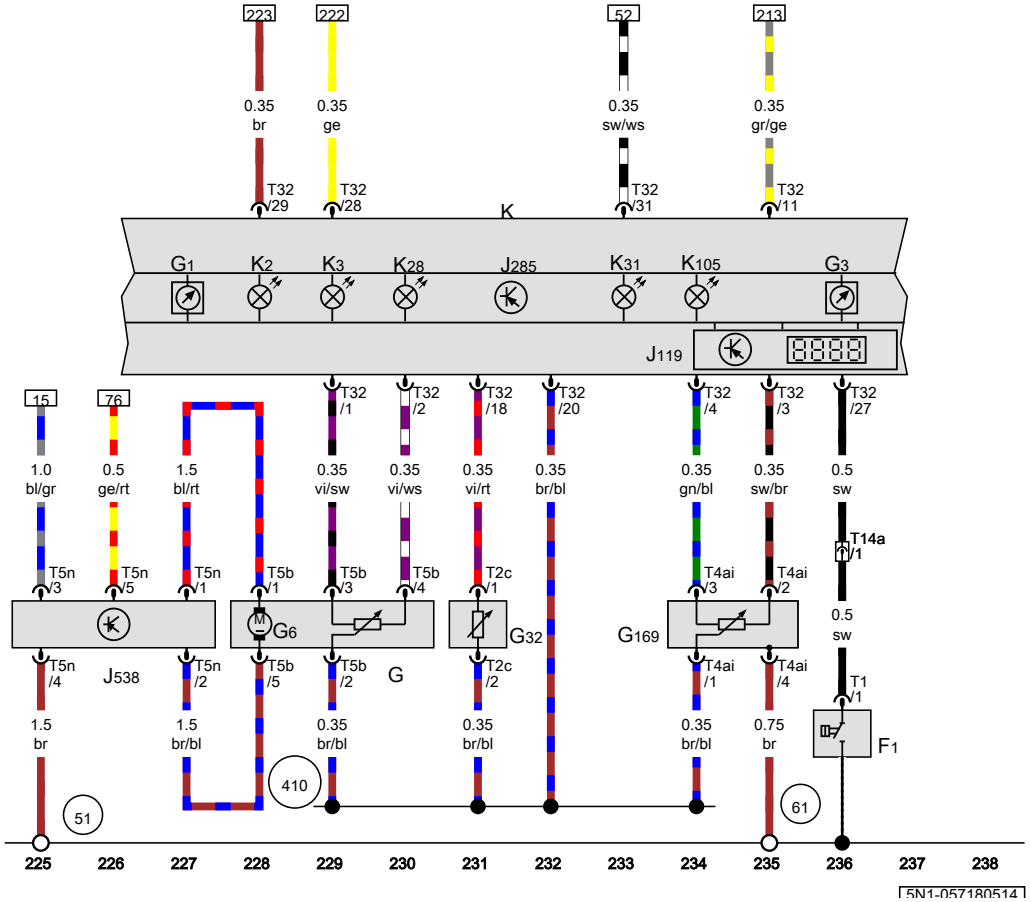


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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T1	Single connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness



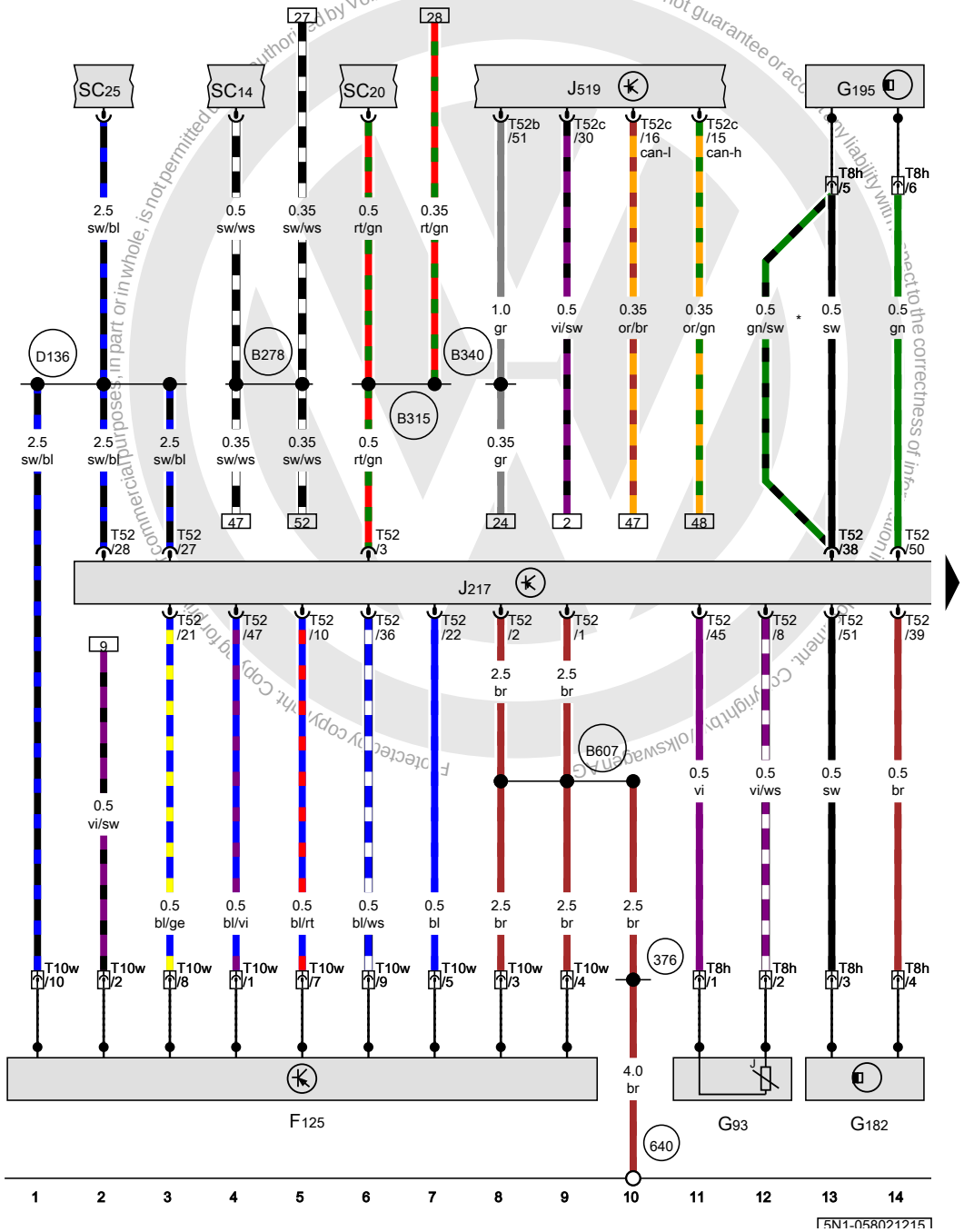
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6-speed automatic gearbox , (0EW)

From May 2009

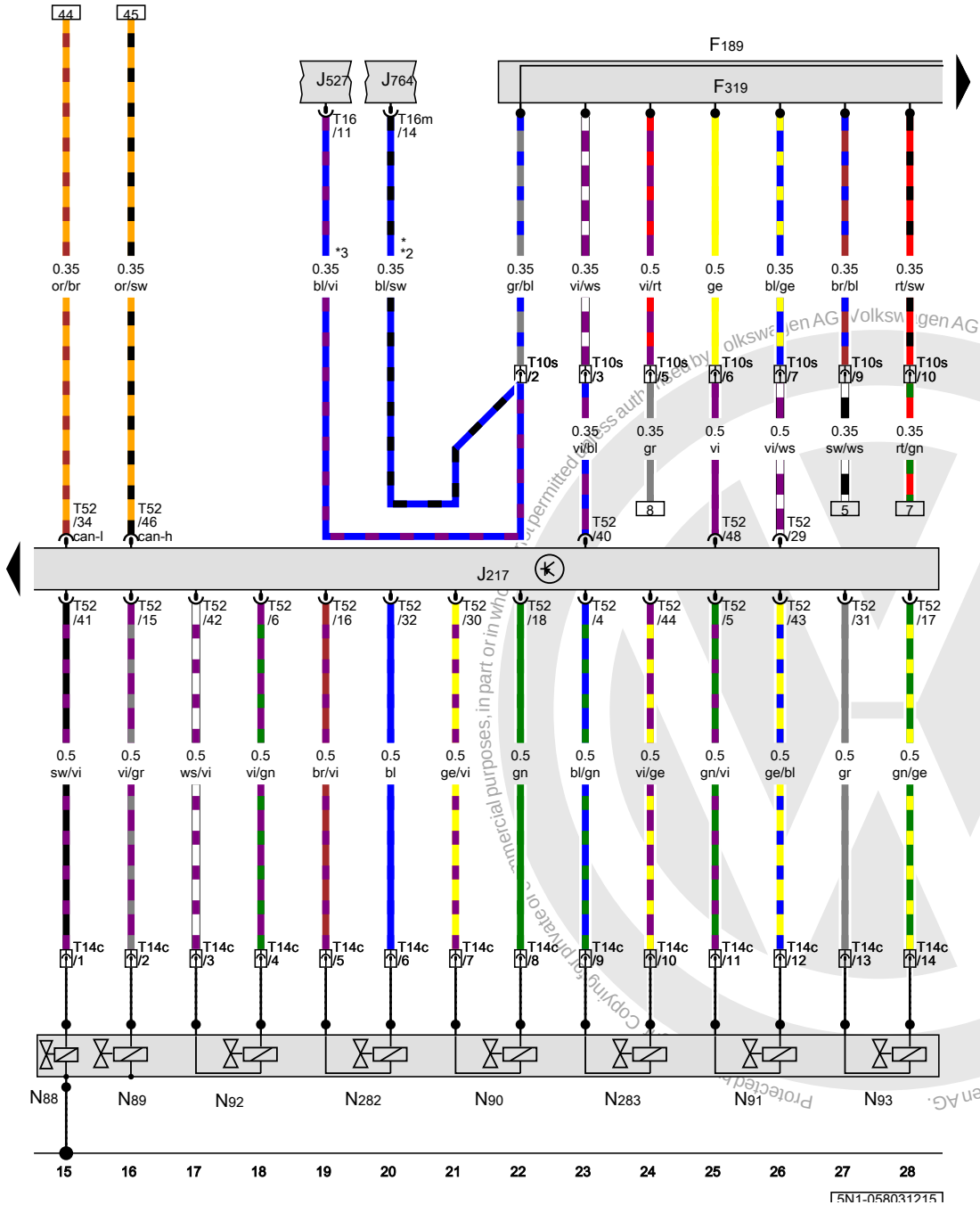
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Multifunction switch, Gearbox oil temperature sender, Gearbox input speed sender, Gearbox output speed sender, Automatic gearbox control unit, Onboard supply control unit

F125	Multifunction switch
G93	Gearbox oil temperature sender
G182	Gearbox input speed sender
G195	Gearbox output speed sender
J217	Automatic gearbox control unit
J519	Onboard supply control unit
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC25	Fuse 25 on fuse holder C
T8h	8-pin connector
T10w	10-pin connector
T52	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
376	Earth connection 11, in main wiring harness
640	Earth point 2, left in engine compartment
B278	Positive connection 2 (15a) in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B607	Connection 3, in interior wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
*	From November 2012

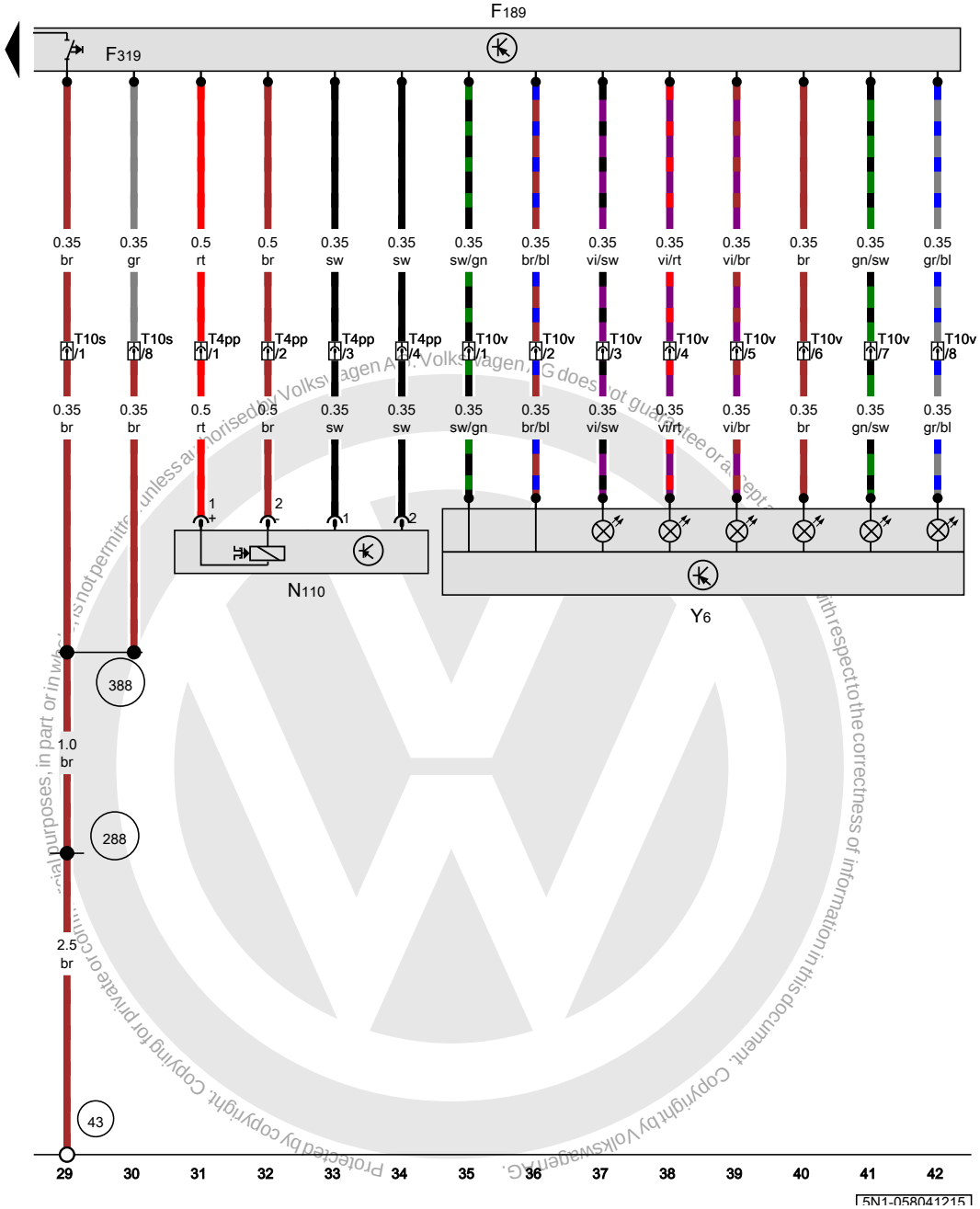


Tiptronic switch, Automatic gearbox control unit, Solenoid valve 1

F189	Tiptronic switch
F319	Selector lever locked in position P switch
J217	Automatic gearbox control unit
J527	Steering column electronics control unit
J764	Control unit for electronic steering column lock
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
N93	Solenoid valve 6
N282	Solenoid valve 9
N283	Solenoid valve 10
T10s	10-pin connector
T14c	14-pin connector
T16	16-pin connector
T16m	16-pin connector
T52	52-pin connector
*	Only models with entry and start authorisation
*2	From November 2012
*3	Only models with no entry and start authorisation

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Tiptronic switch, Selector lever lock solenoid, Selector lever position display

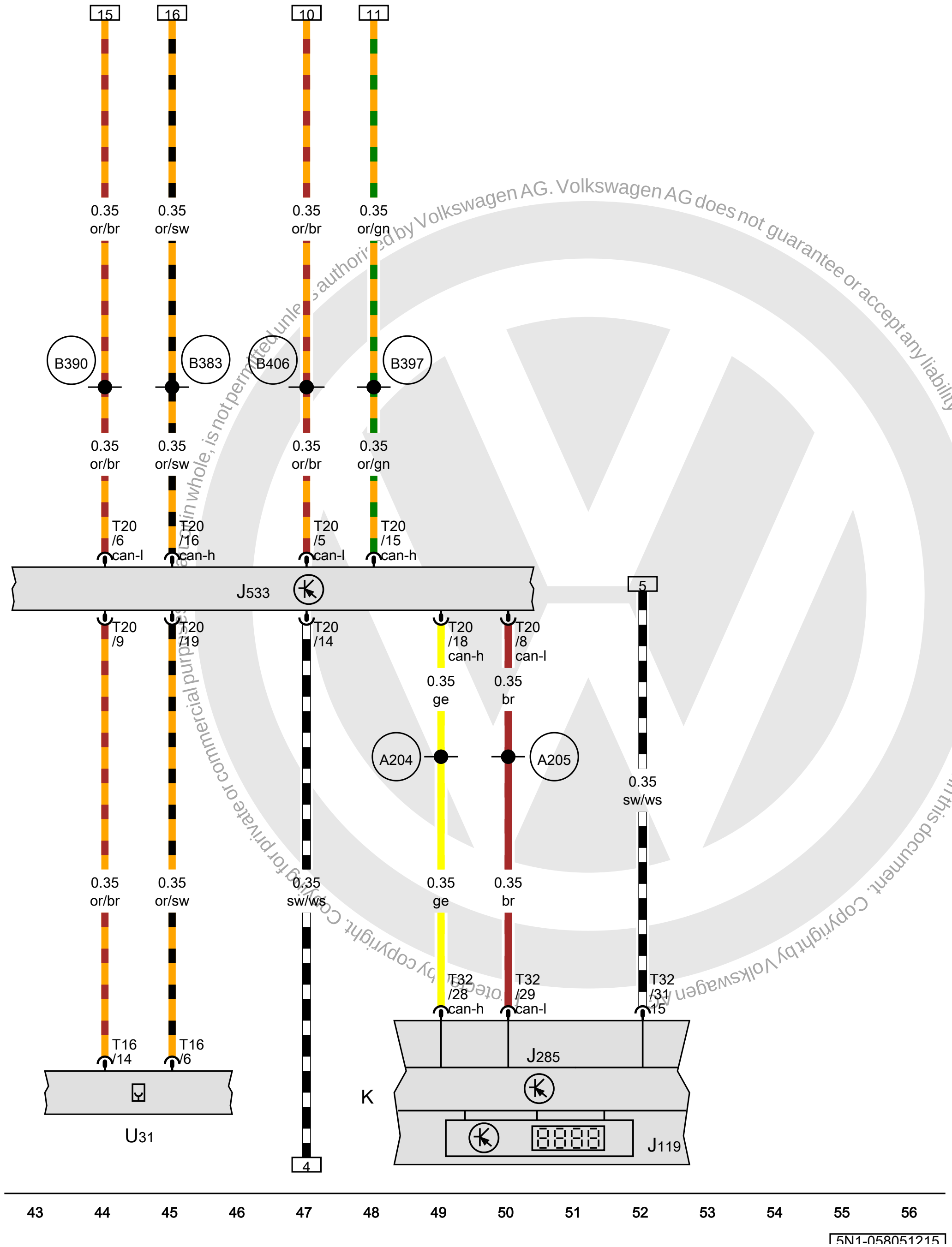
F189	Tiptronic switch
F319	Selector lever locked in position P switch
N110	Selector lever lock solenoid
T4pp	4-pin connector
T10s	10-pin connector
T10v	10-pin connector
Y6	Selector lever position display
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 23, in main wiring harness

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Control unit in dash panel insert, Data bus diagnostic interface, Dash panel insert, Diagnostic connection

J119	Multifunction indicator
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K	Dash panel insert
T16	16-pin connector
T20	20-pin connector
T32	32-pin connector
U31	Diagnostic connection
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness



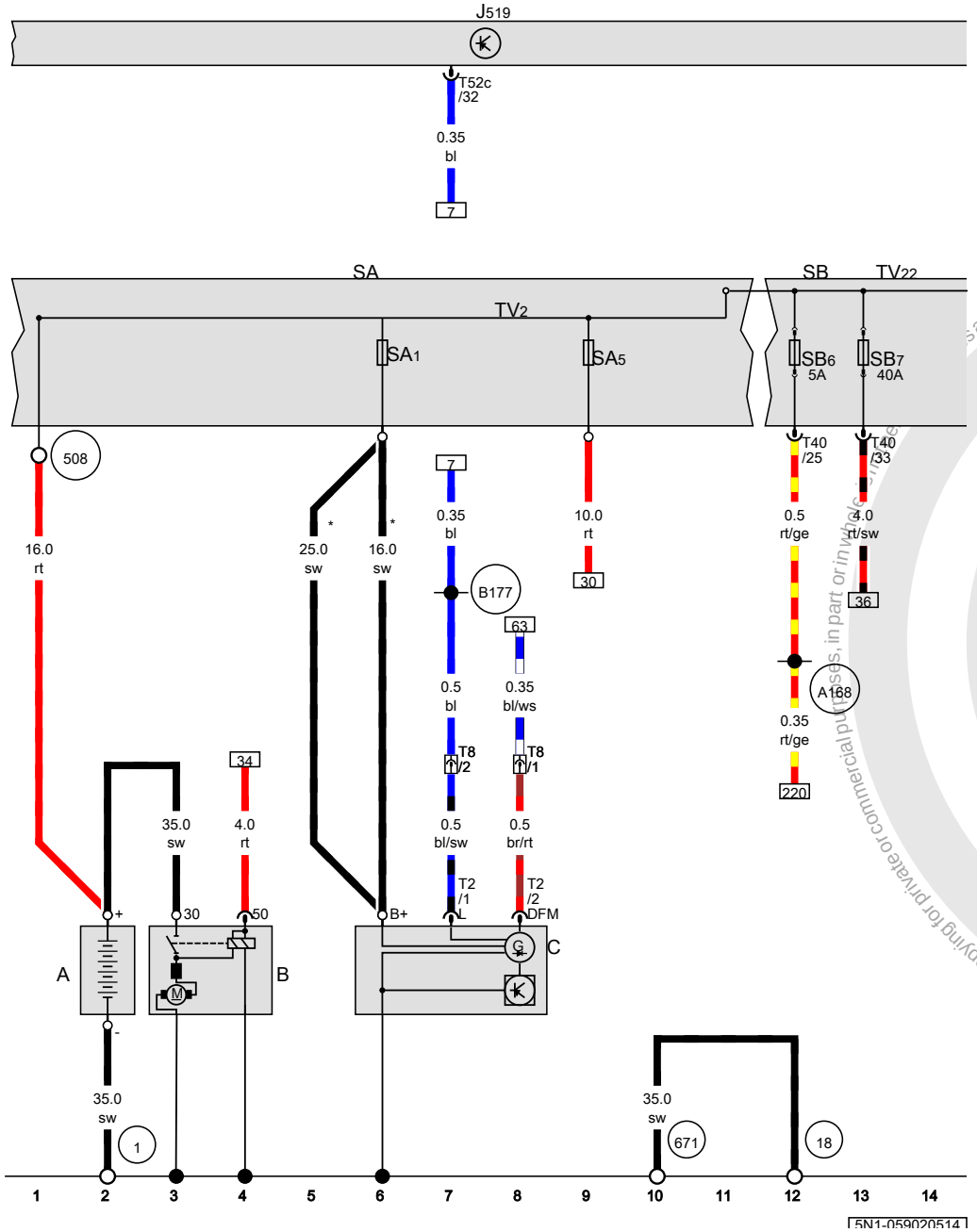
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1.4l petrol engine , CAVA

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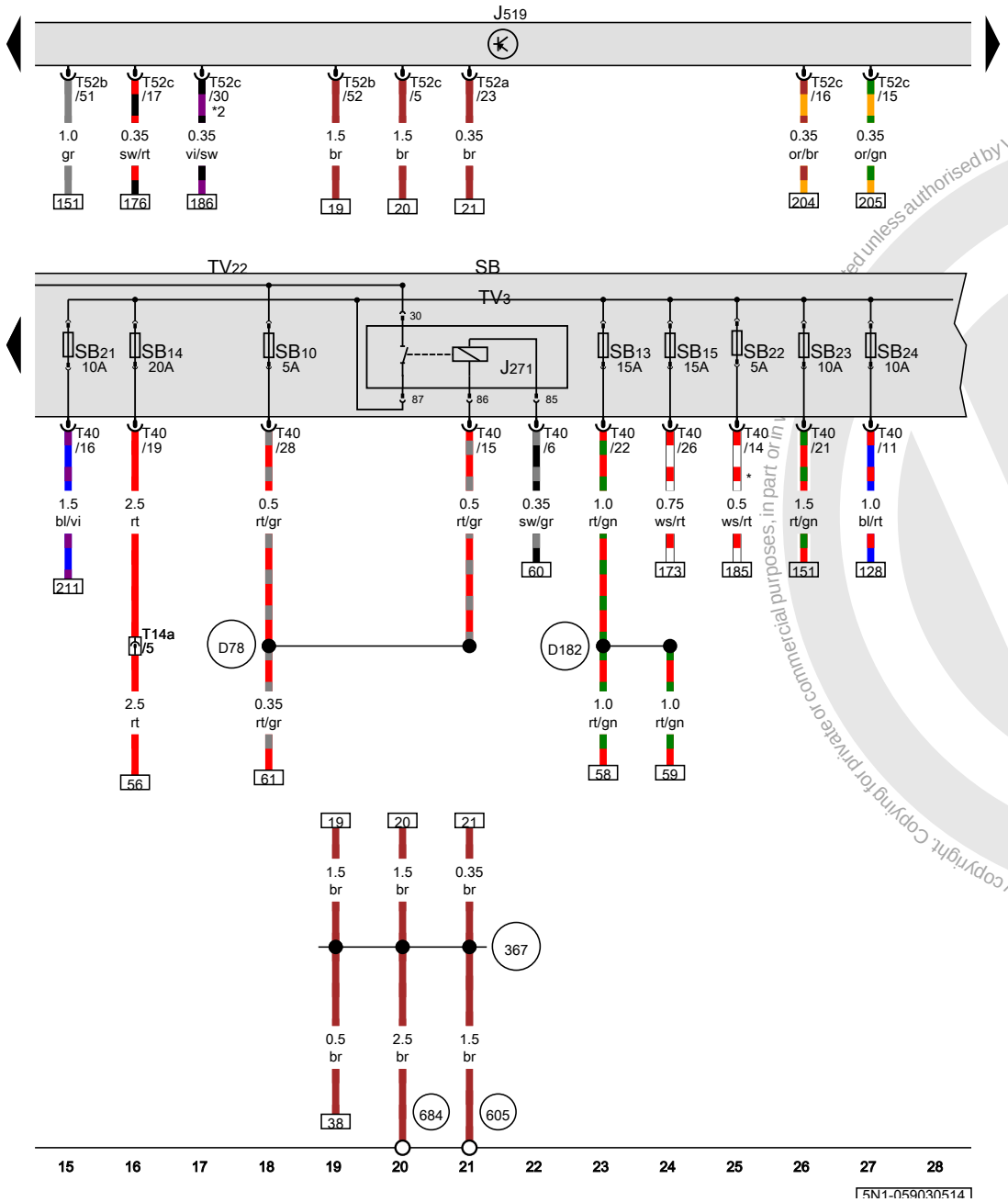


Battery, Starter, Alternator, Onboard supply control unit, Fuse holder A, Fuse holder B

A	Battery
B	Starter
C	Alternator
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
T2	2-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
T8	8-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
A168	Positive connection 4 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	According to equipment

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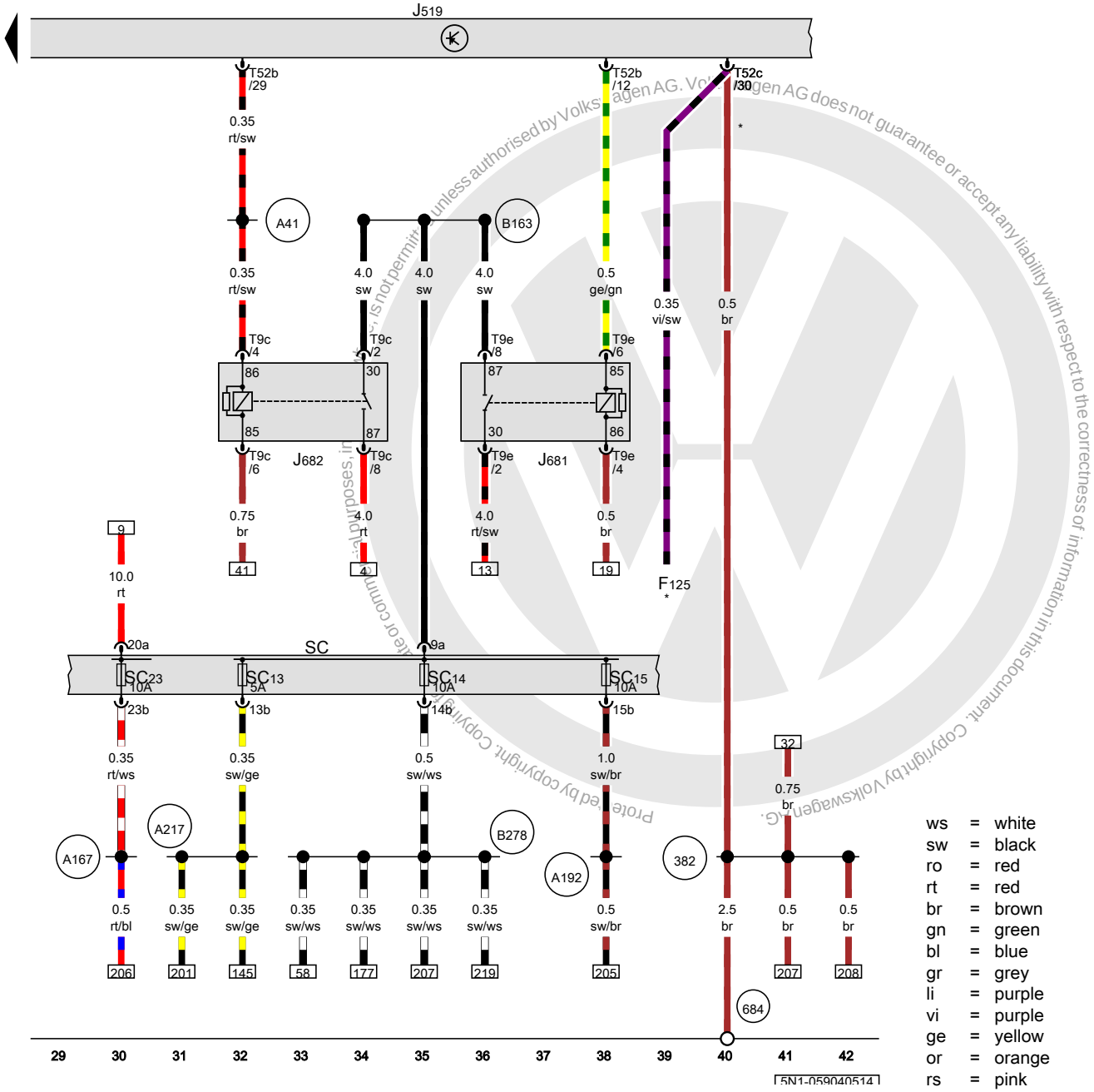


Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only for American markets

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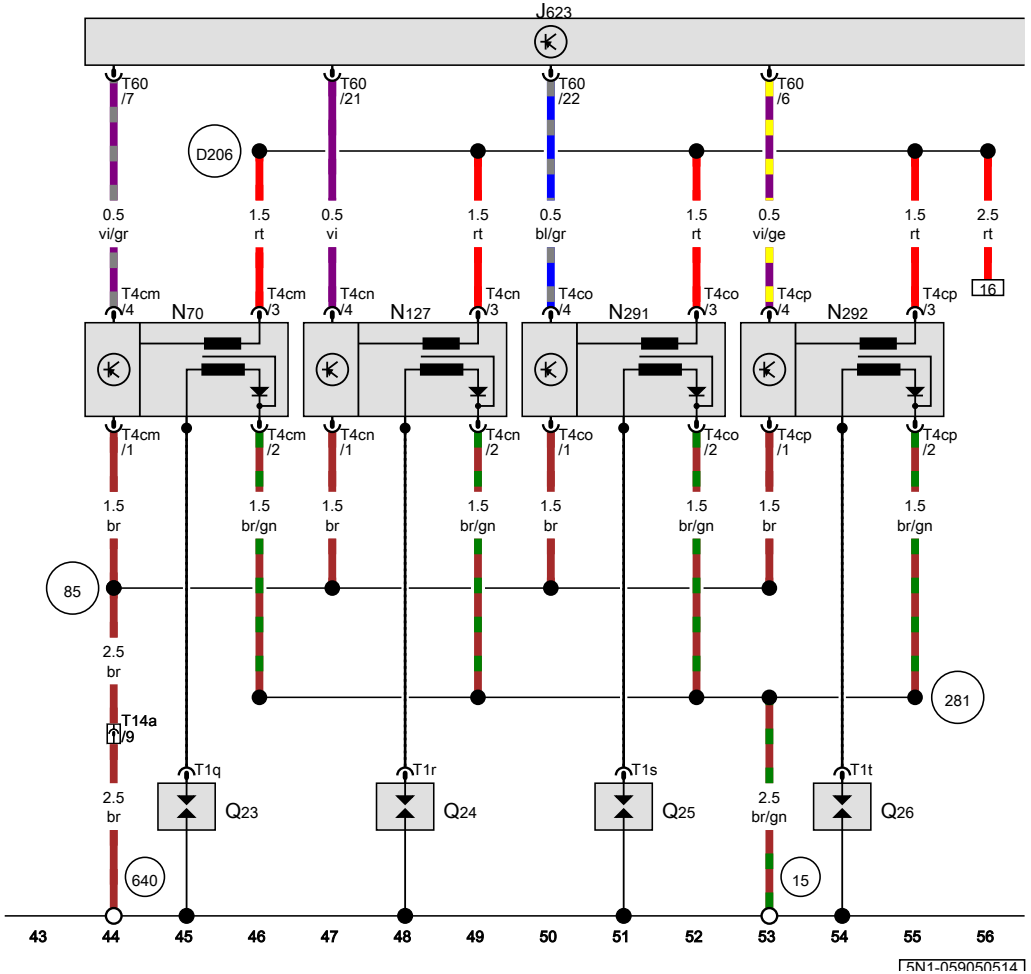
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Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C

F125	Multifunction switch
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
T9c	9-pin connector
T9e	9-pin connector
T52b	52-pin connector
T52c	52-pin connector
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	According to equipment

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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage



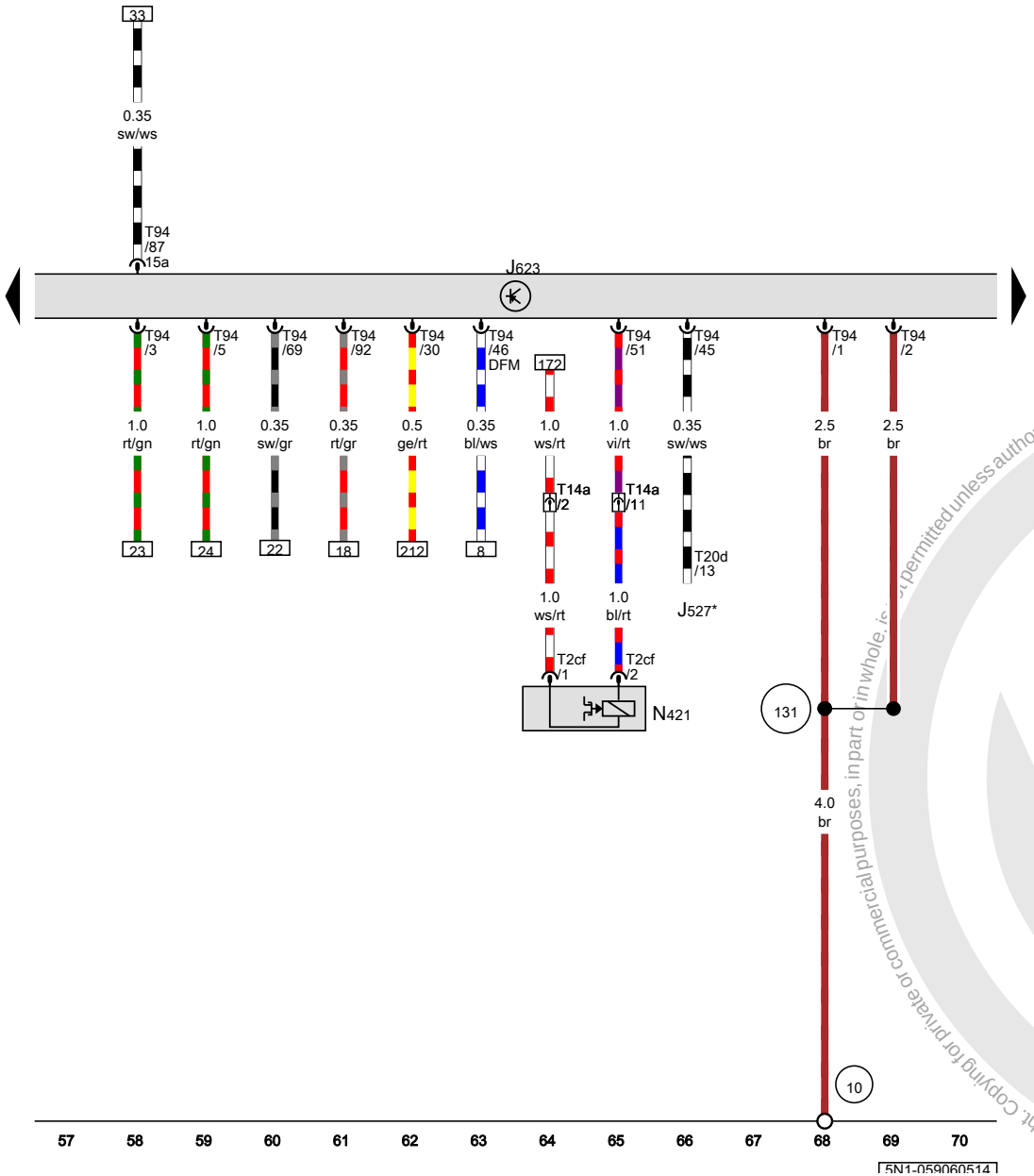
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T1q	Single connector
T1r	Single connector
T1s	Single connector
T1t	Single connector
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
640	Earth point 2, left in engine compartment
D206	Connection 4 (87a) in engine prewiring harness

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Engine control unit, Magnetic clutch for supercharger

J527	Steering column electronics control unit
J623	Engine control unit
N421	Magnetic clutch for supercharger
T2cf	2-pin connector
T14a	14-pin connector
T20d	20-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)

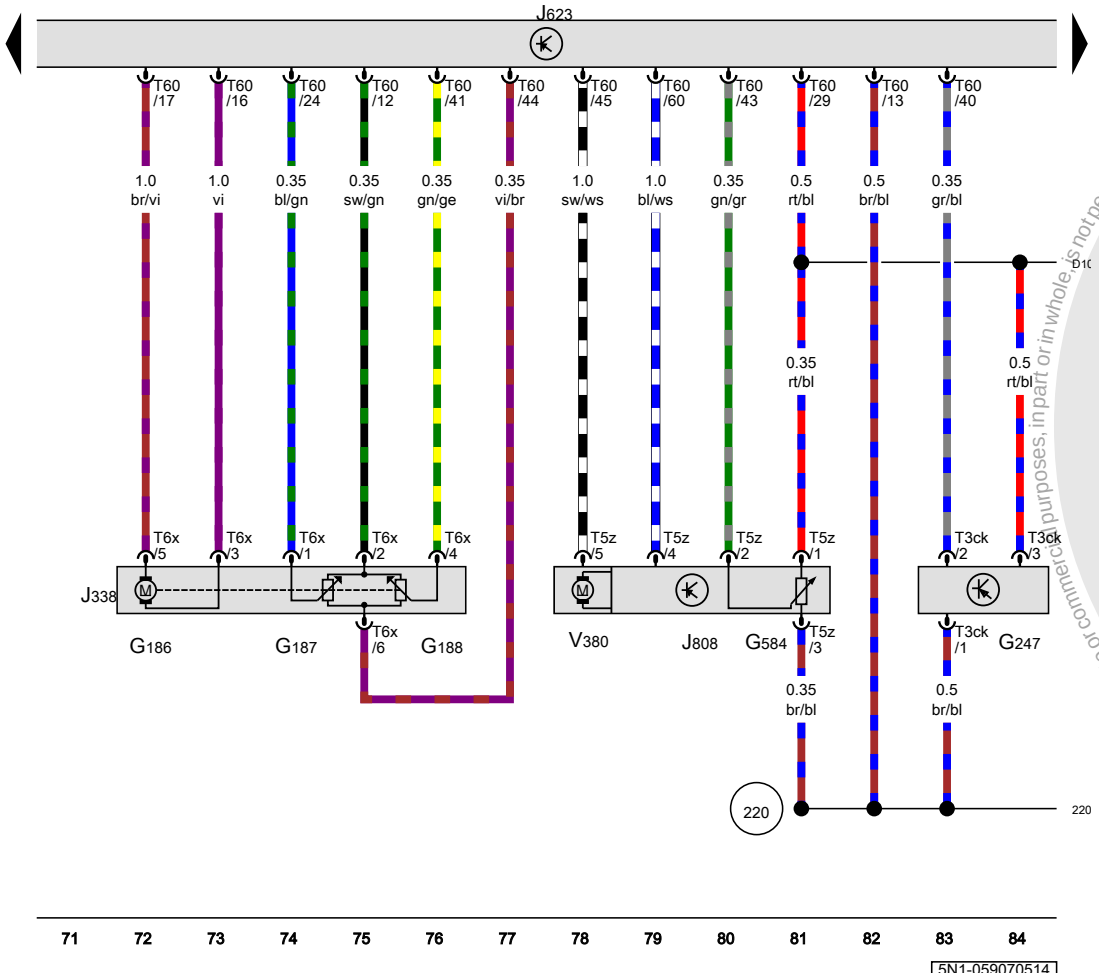


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Fuel pressure sender, Throttle valve module, Engine control unit, Regulating flap control unit

G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
G584	Regulating flap potentiometer
J338	Throttle valve module
J623	Engine control unit
J808	Regulating flap control unit
T3ck	3-pin connector
T5z	5-pin connector
T6x	6-pin connector
T60	60-pin connector
V380	Regulating flap position control motor
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

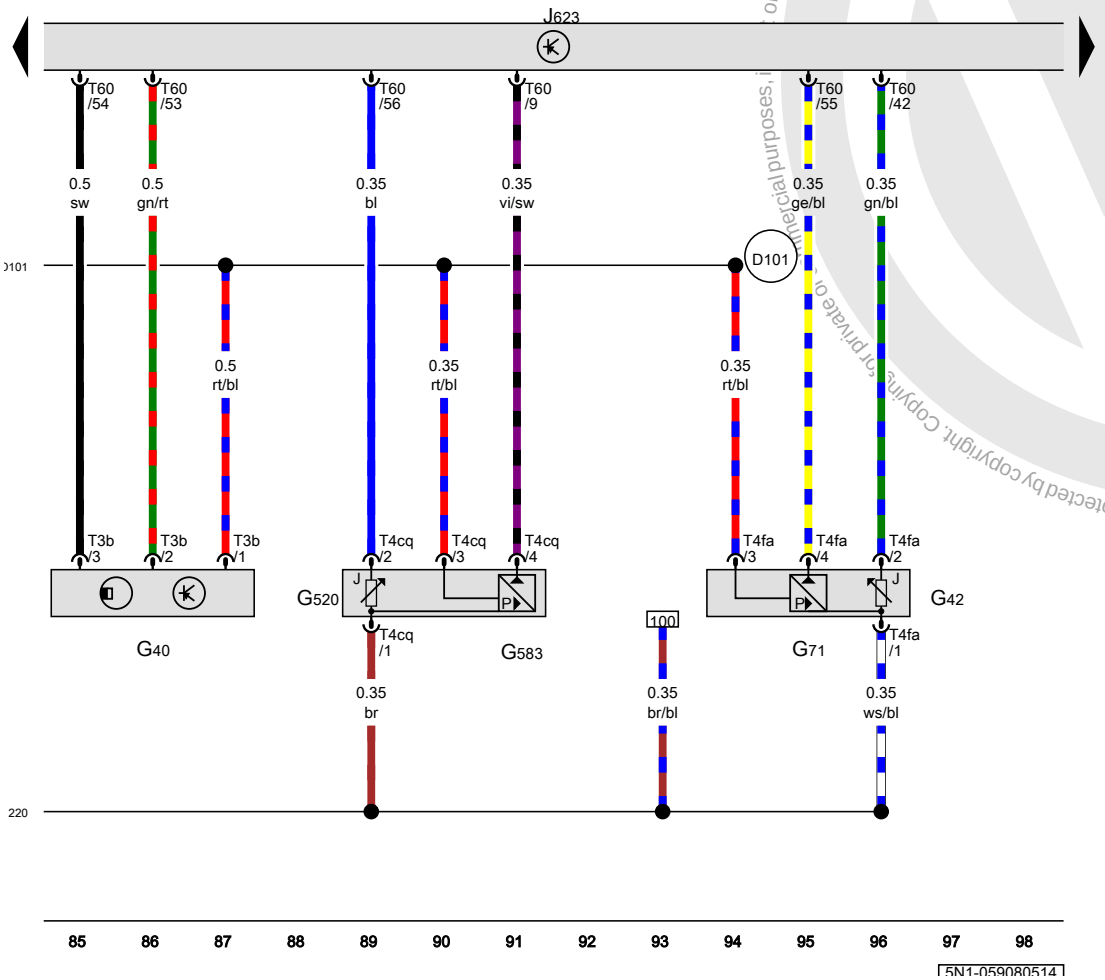


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Intake manifold pressure sender, Intake manifold pressure sender 3, Engine control unit

G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G520	Intake air temperature sender 3
G583	Intake manifold pressure sender 3
J623	Engine control unit
T3b	3-pin connector
T4cq	4-pin connector
T4fa	4-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

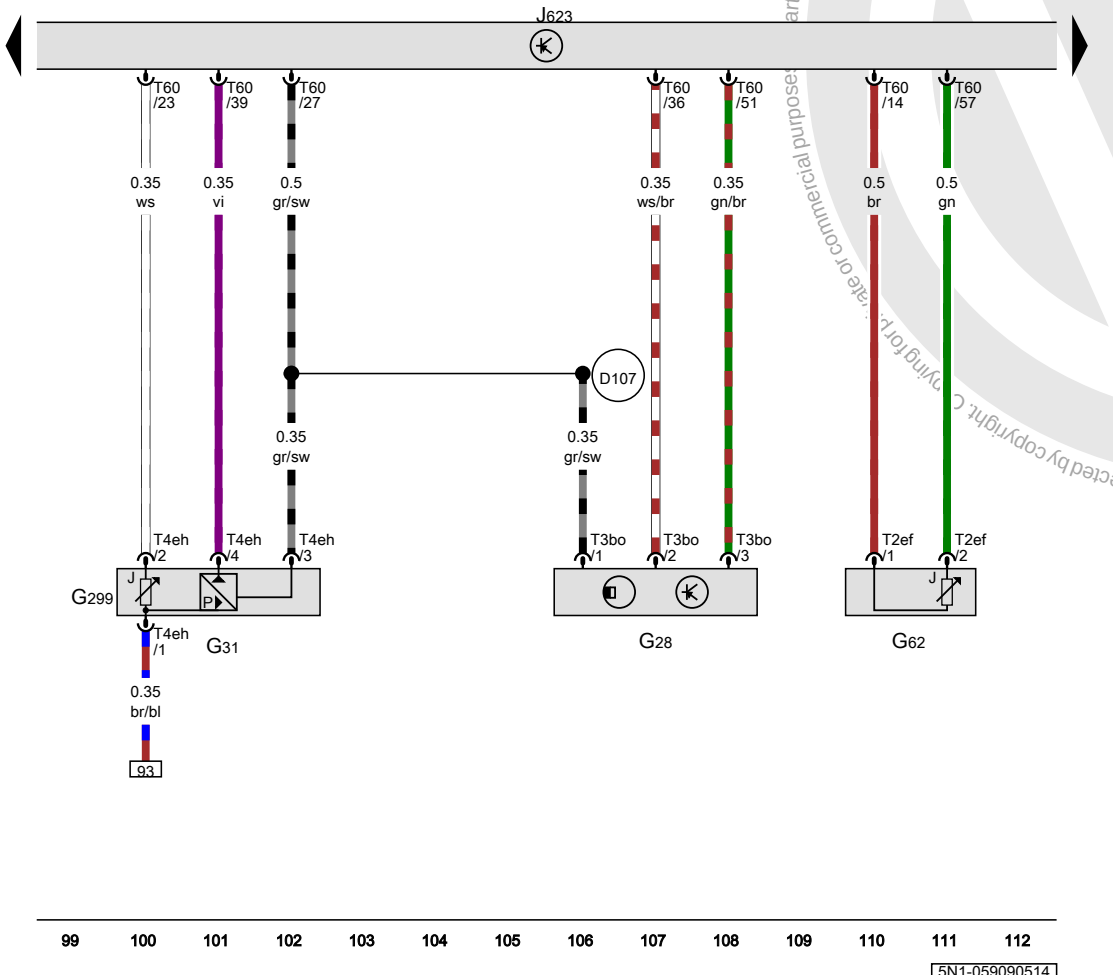


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Engine speed sender, Charge pressure sender, Coolant temperature sender, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G62	Coolant temperature sender
G299	Intake air temperature sender 2
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T4eh	4-pin connector
T60	60-pin connector
D107	Connection 5 in engine compartment wiring harness

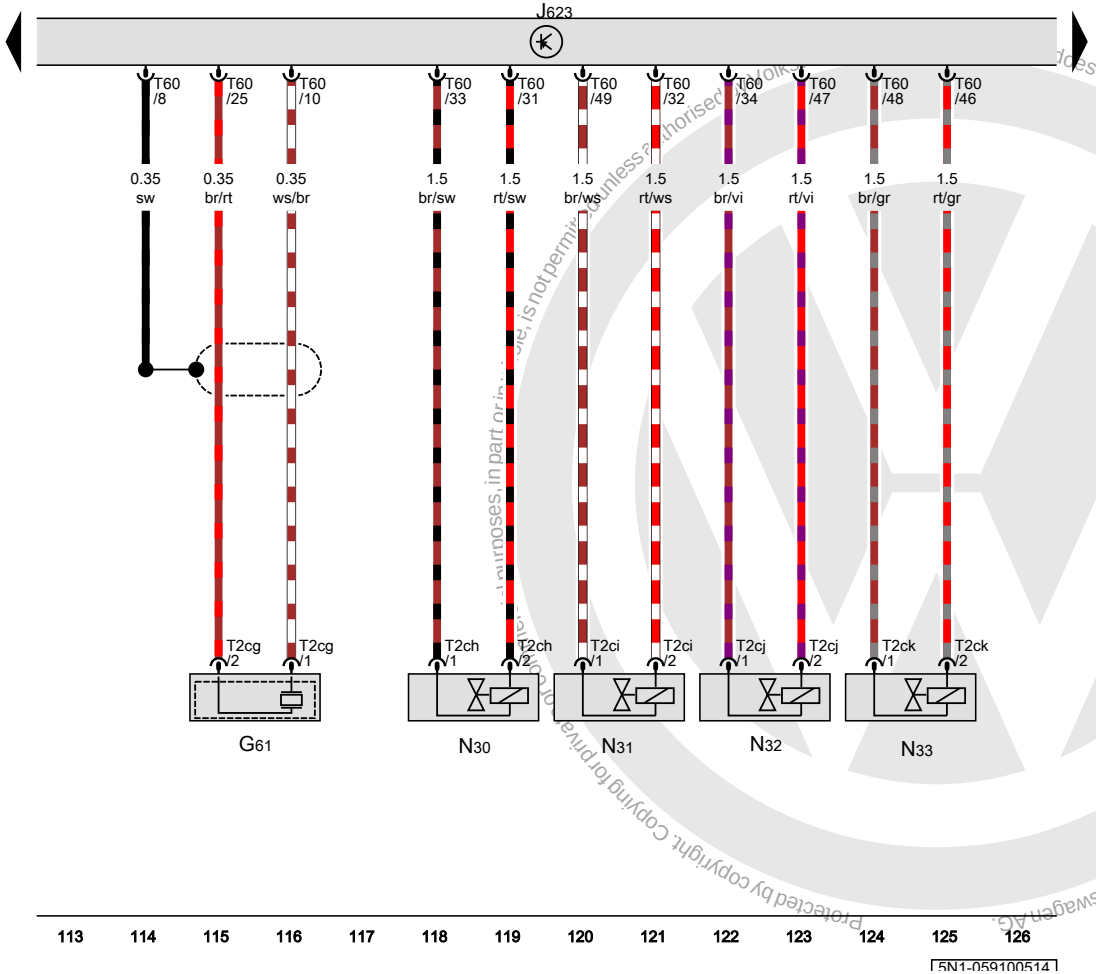


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Knock sensor 1, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

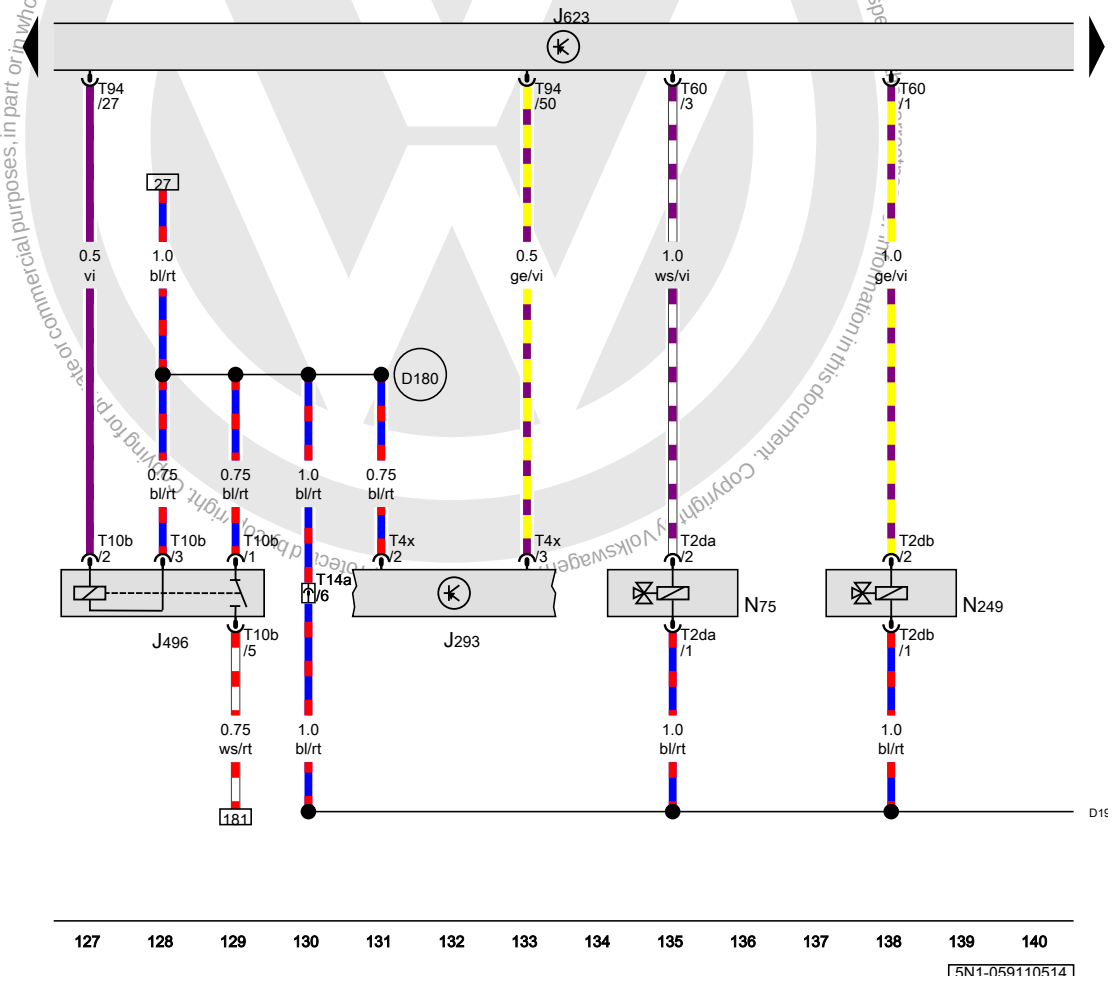
G61	Knock sensor 1
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2cg	2-pin connector
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T60	60-pin connector



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Radiator fan control unit, Additional coolant pump relay, Engine control unit, Charge pressure control solenoid valve, Turbocharger air recirculation valve



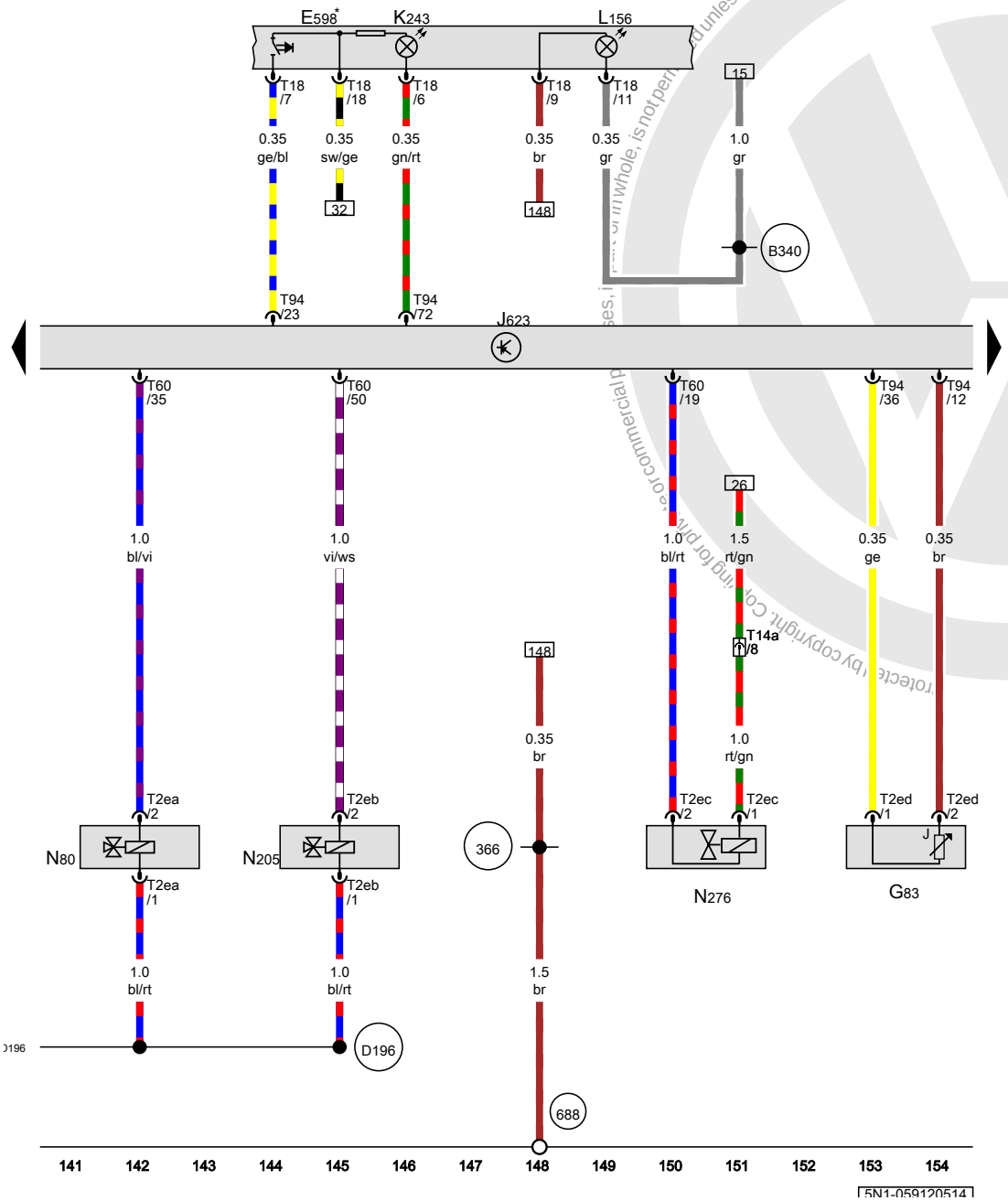
J293 Radiator fan control unit
J496 Additional coolant pump relay
J623 Engine control unit
N75 Charge pressure control solenoid valve
N249 Turbocharger air recirculation valve
T2da 2-pin connector
T2db 2-pin connector
T4x 4-pin connector
T10b 10-pin connector
T14a 14-pin connector
T60 60-pin connector
T94 94-pin connector

D180 Connection (87a), in engine compartment wiring harness

D196 Connection 2 (87a) in engine prewiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Radiator outlet coolant temperature sender, Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve

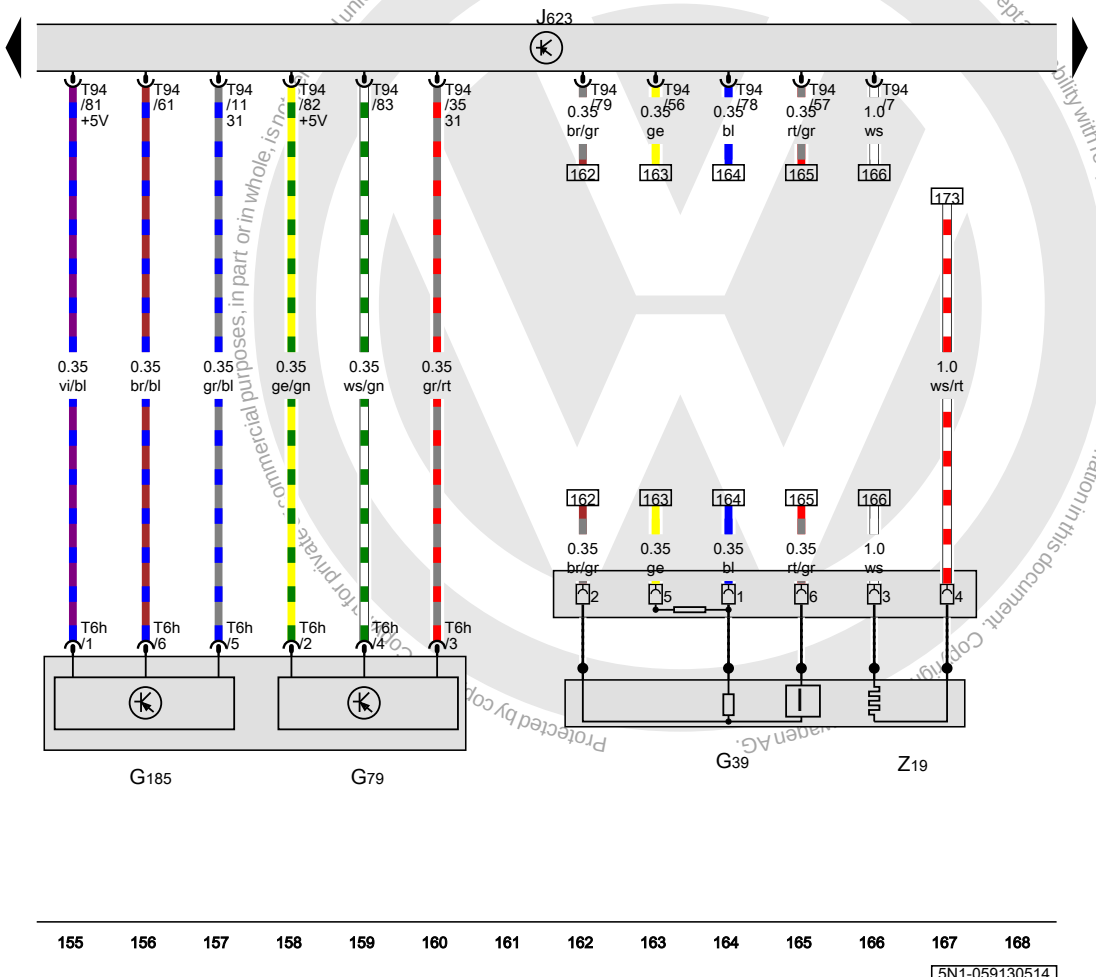
E598	Driving program button
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
T2ea	2-pin connector
T2eb	2-pin connector
T2ec	2-pin connector
T2ed	2-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
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Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine control unit

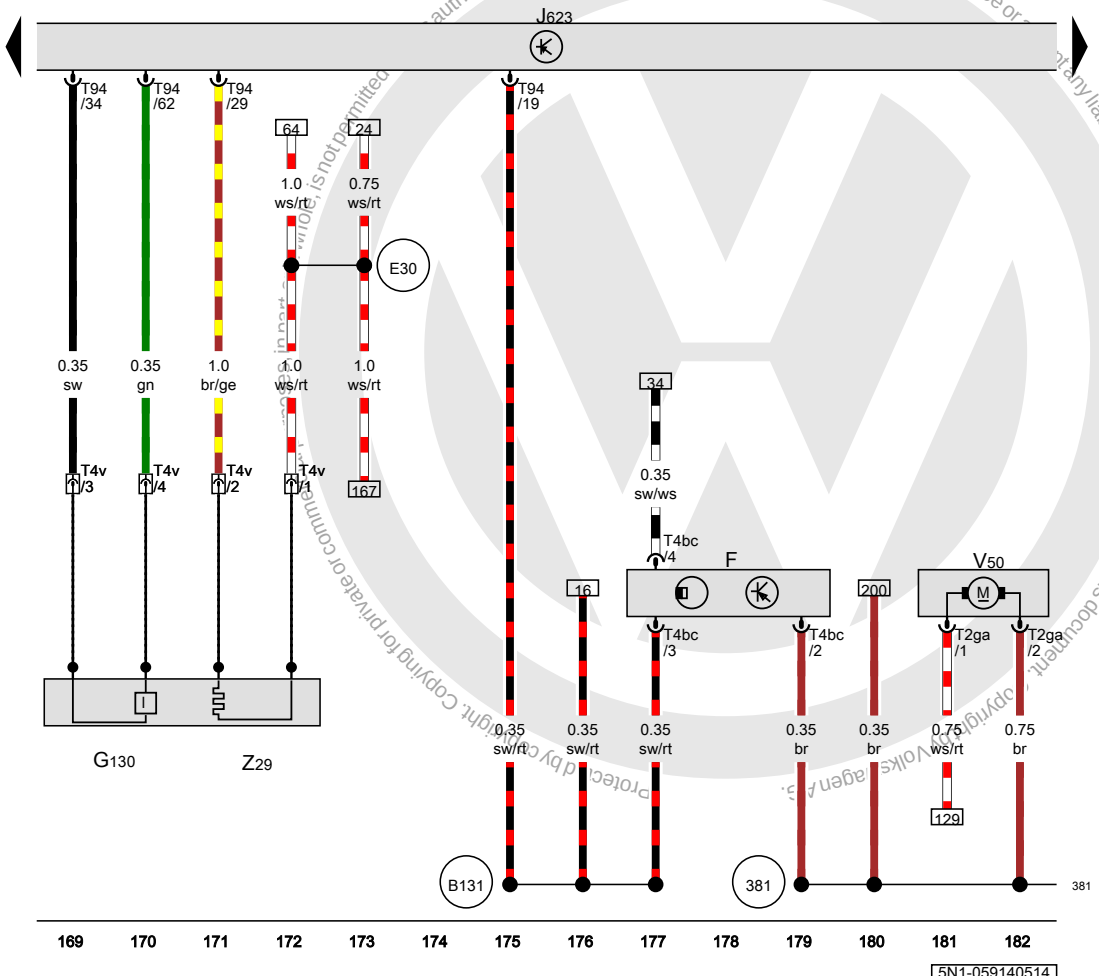
G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6af	6-pin connector
T6h	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater



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sw	=	black
ro	=	red
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gr	=	grey
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vi	=	purple
ge	=	yellow
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rs	=	pink

Brake light switch, Lambda probe after catalytic converter, Engine control unit, Coolant circulation pump

F	Brake light switch
G130	Lambda probe after catalytic converter
J623	Engine control unit
T2ga	2-pin connector
T4bc	4-pin connector
T4v	4-pin connector
T94	94-pin connector
V50	Coolant circulation pump
Z29	Lambda probe 1 heater after catalytic converter
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness
E30	Connection (87a), in engine wiring harness

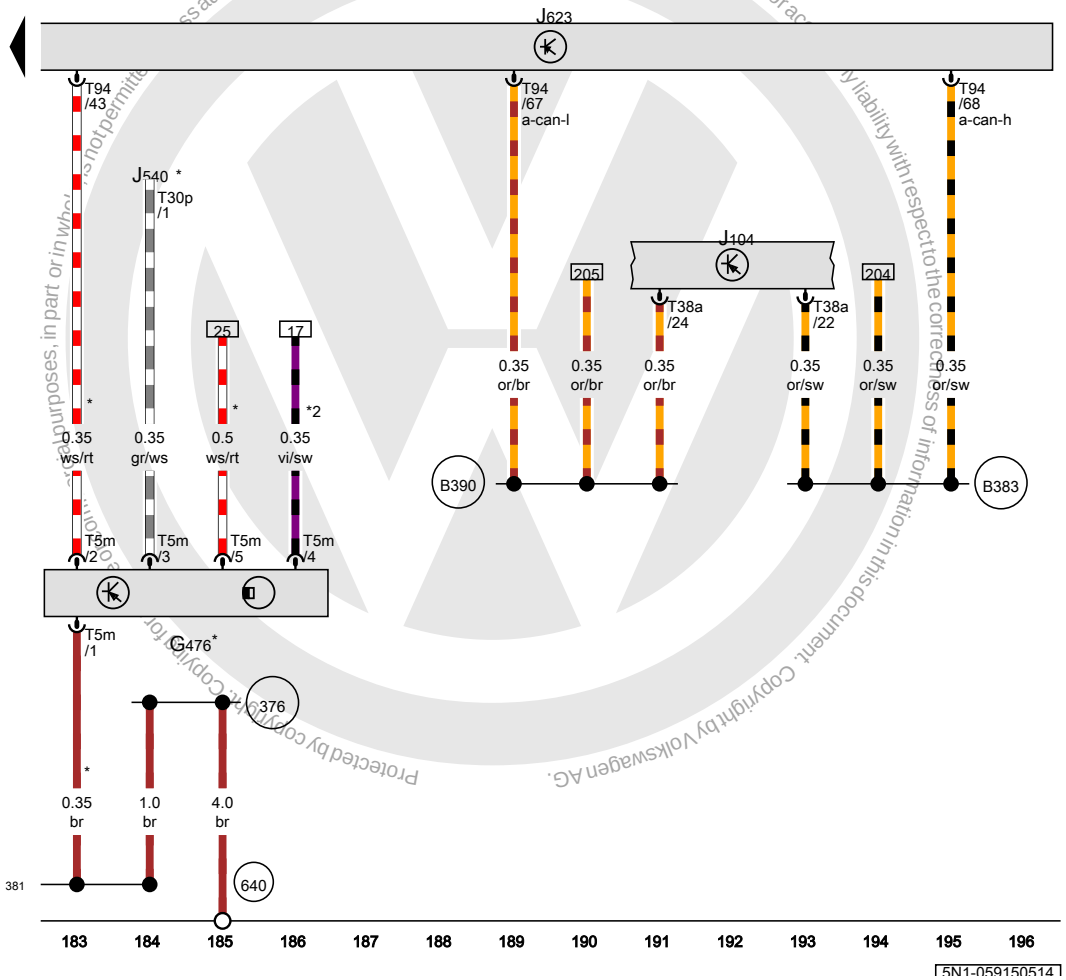


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Clutch position sender, Engine control unit

G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5m	5-pin connector
T30p	30-pin connector
T38a	38-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only for American markets

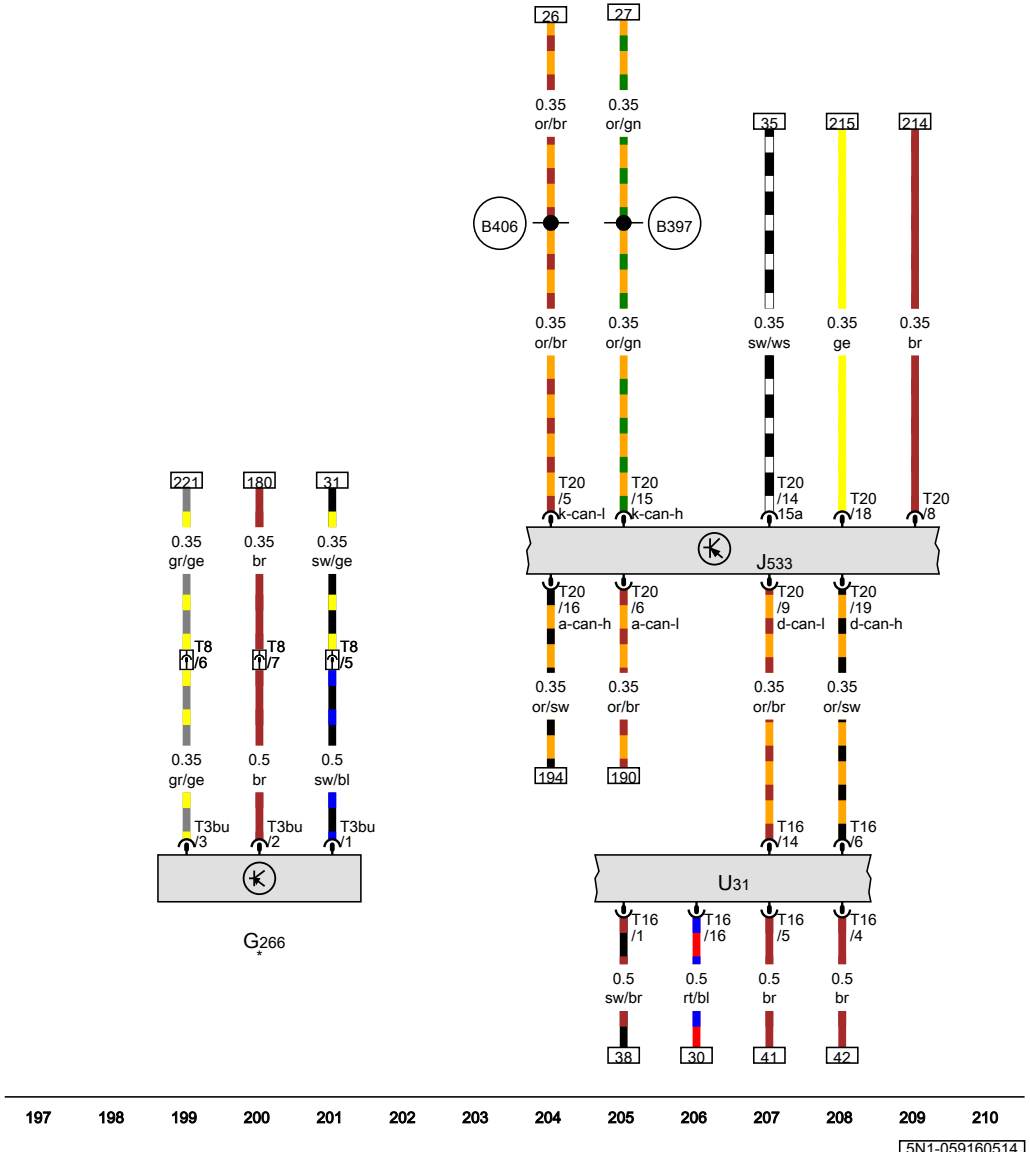


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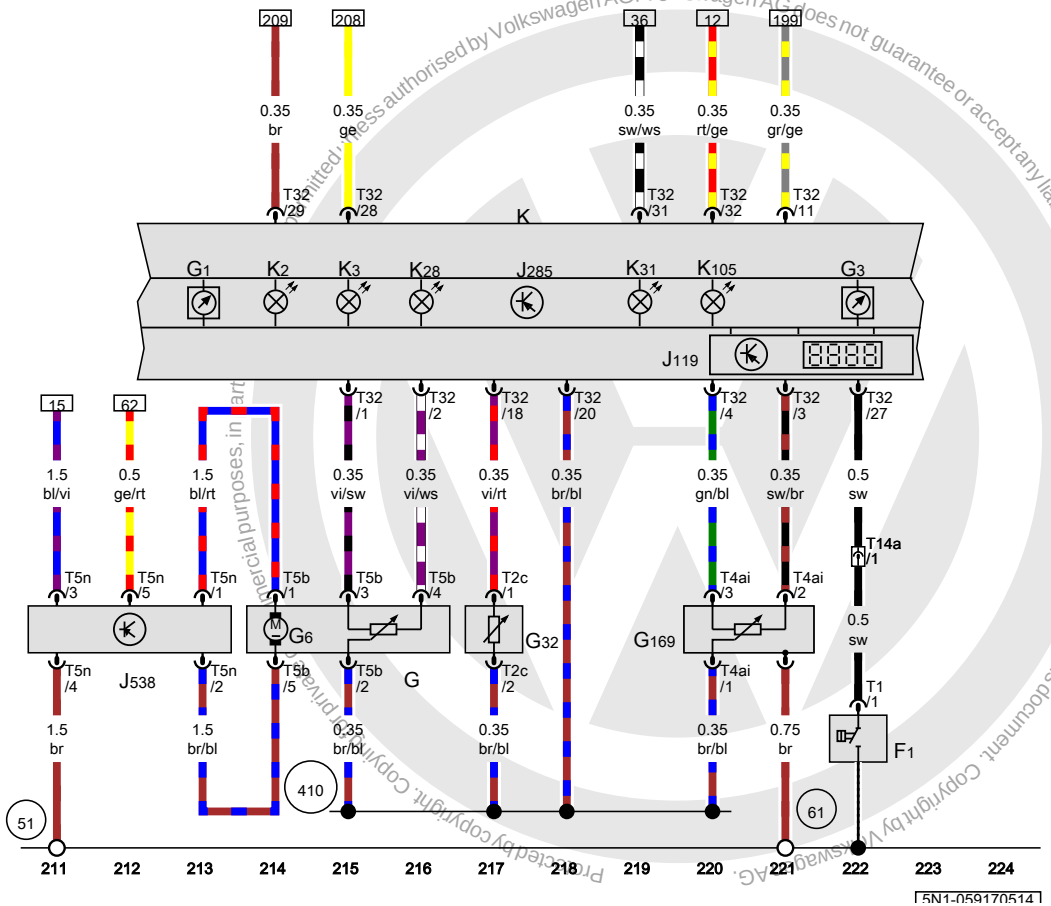
Oil level and oil temperature sender, Data bus diagnostic interface, Diagnostic connection

G266	Oil level and oil temperature sender
J533	Data bus diagnostic interface
T3bu	3-pin connector
T8	8-pin connector
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

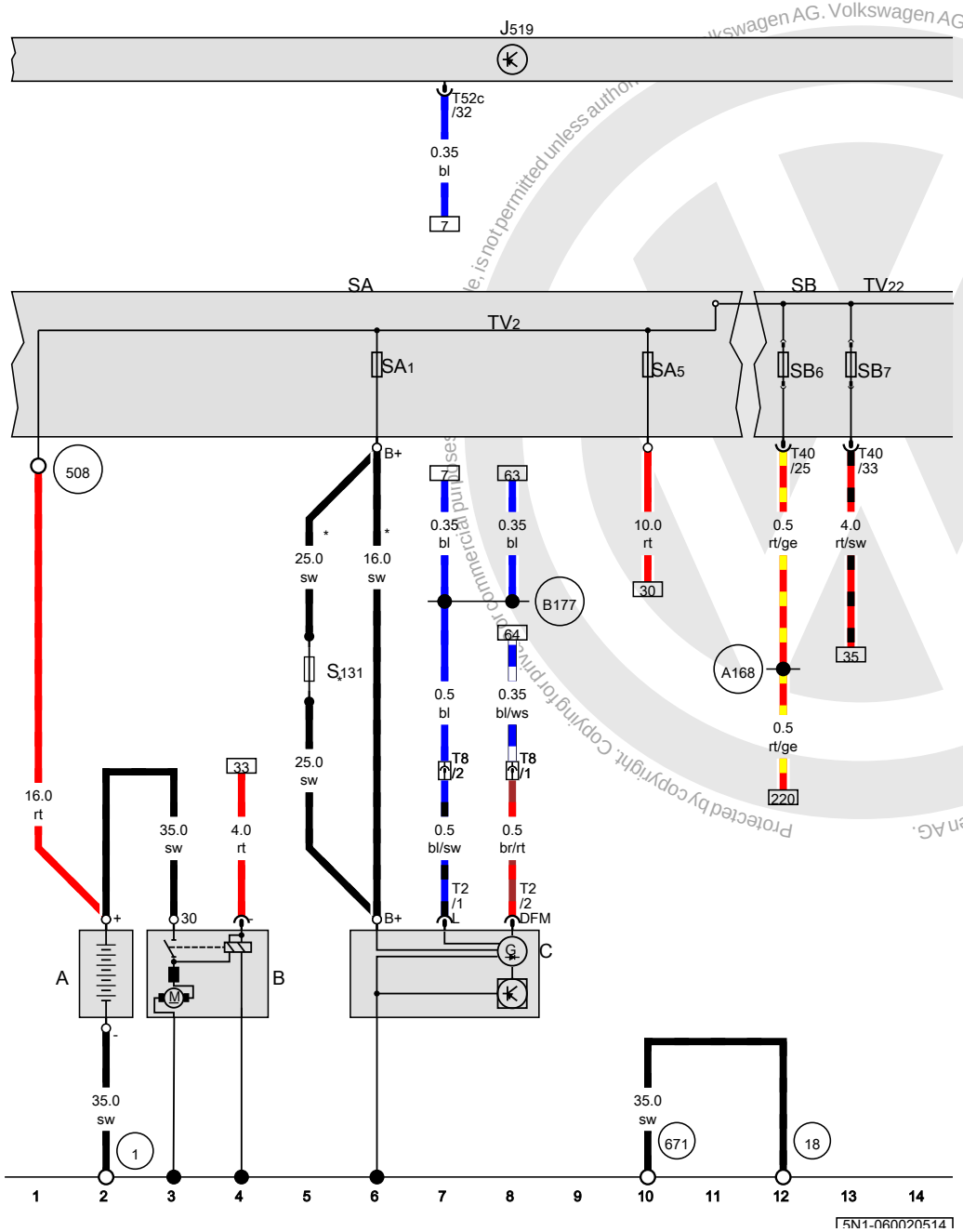
F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T1	Single connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness

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2.0l diesel engine , BXDB,CBAA,CBAB,CBBB

From May 2009

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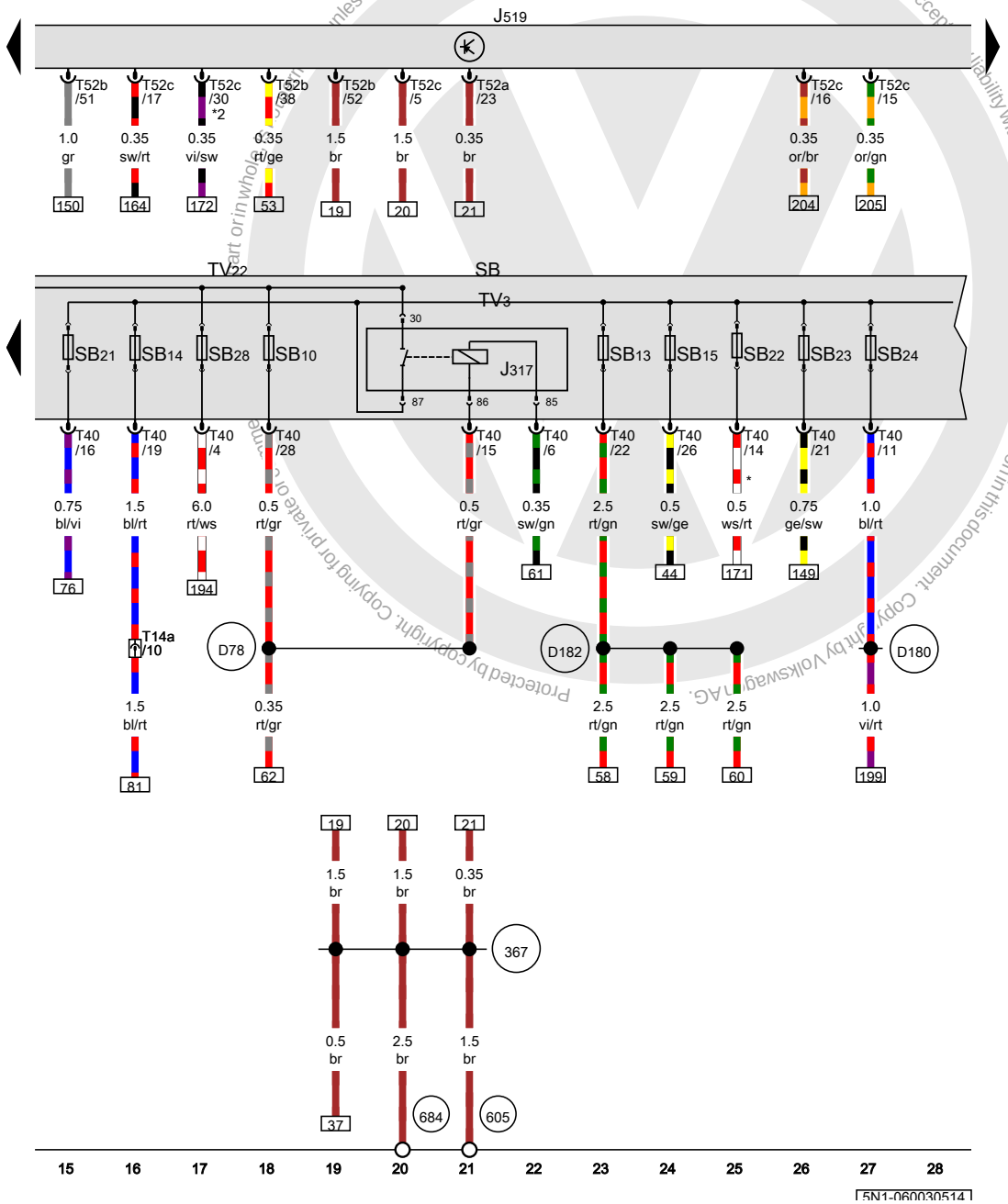


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Battery, Starter, Alternator, Onboard supply control unit, Fuse holder A, Fuse holder B

A	Battery
B	Starter
C	Alternator
J519	Onboard supply control unit
S131	Fuse 1, in alternator wire
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
T2	2-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
T8	8-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
A168	Positive connection 4 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	According to equipment

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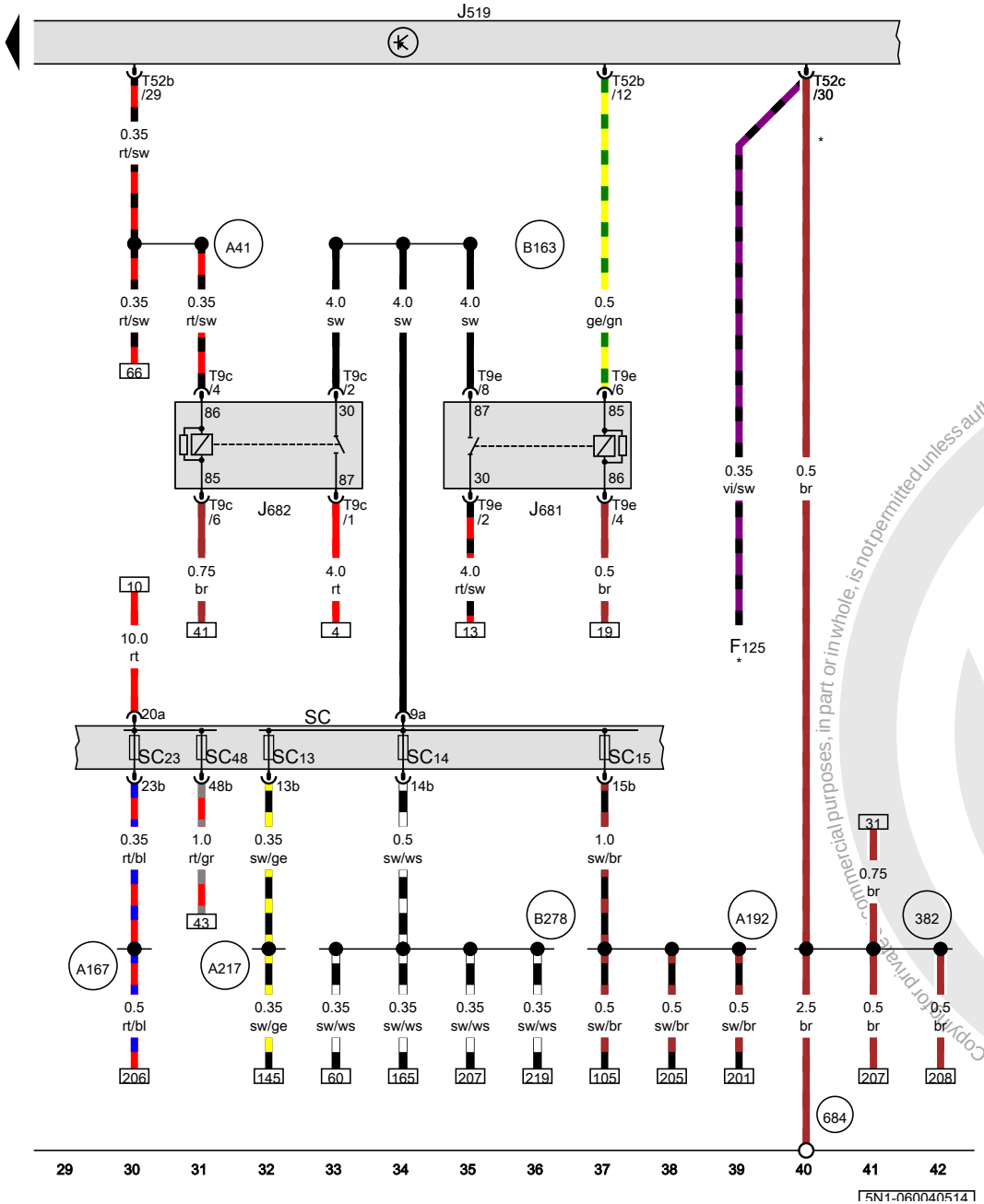


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Terminal 30 voltage supply relay, Onboard supply control unit, Fuse holder B

J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
SB28	Fuse 28 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
D78	Positive connection 1 (30a), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only for American markets

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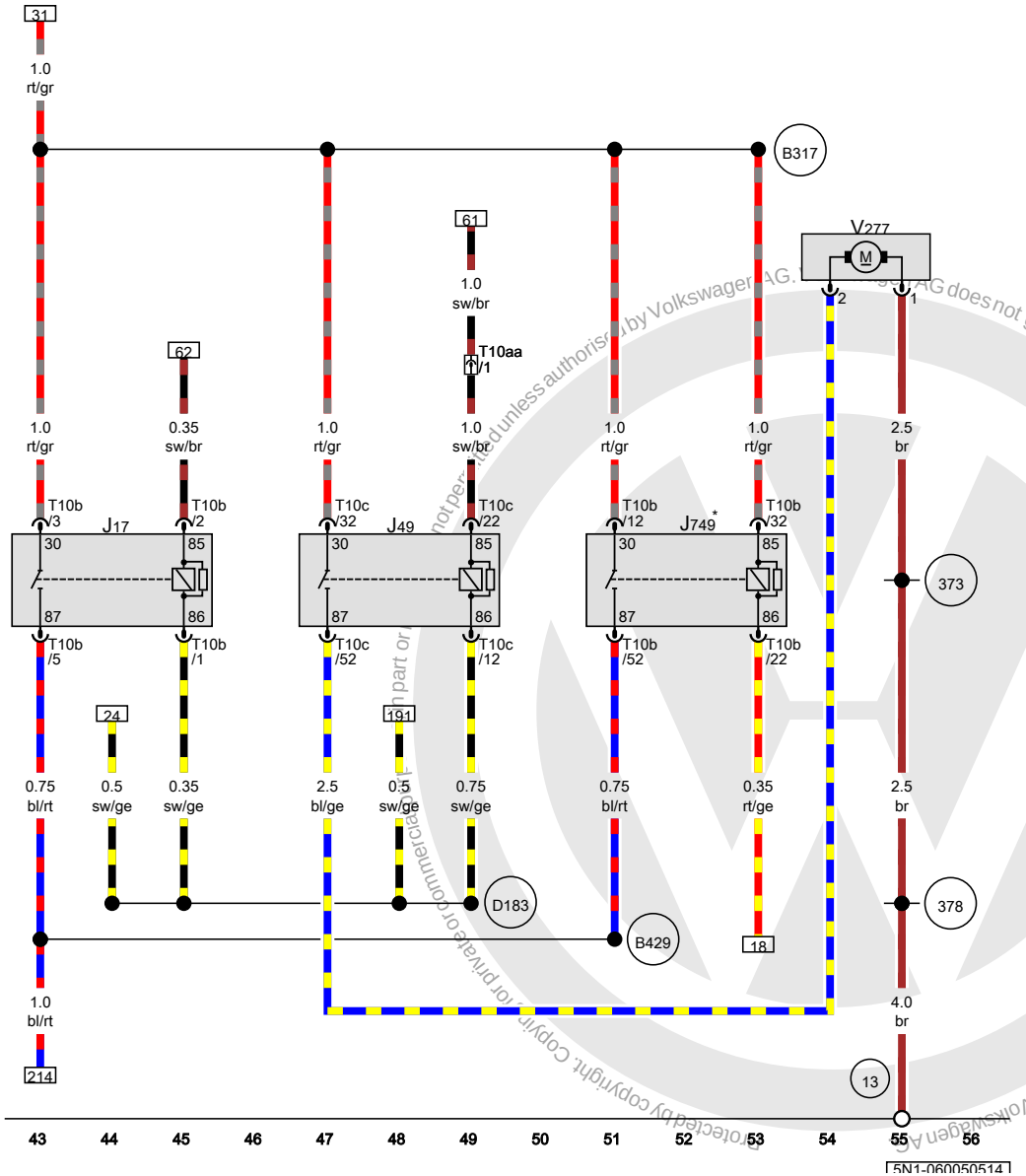
Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C

F125	Multifunction switch
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC48	Fuse 48 on fuse holder C
T9c	9-pin connector
T9e	9-pin connector
T52b	52-pin connector
T52c	52-pin connector
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	According to equipment

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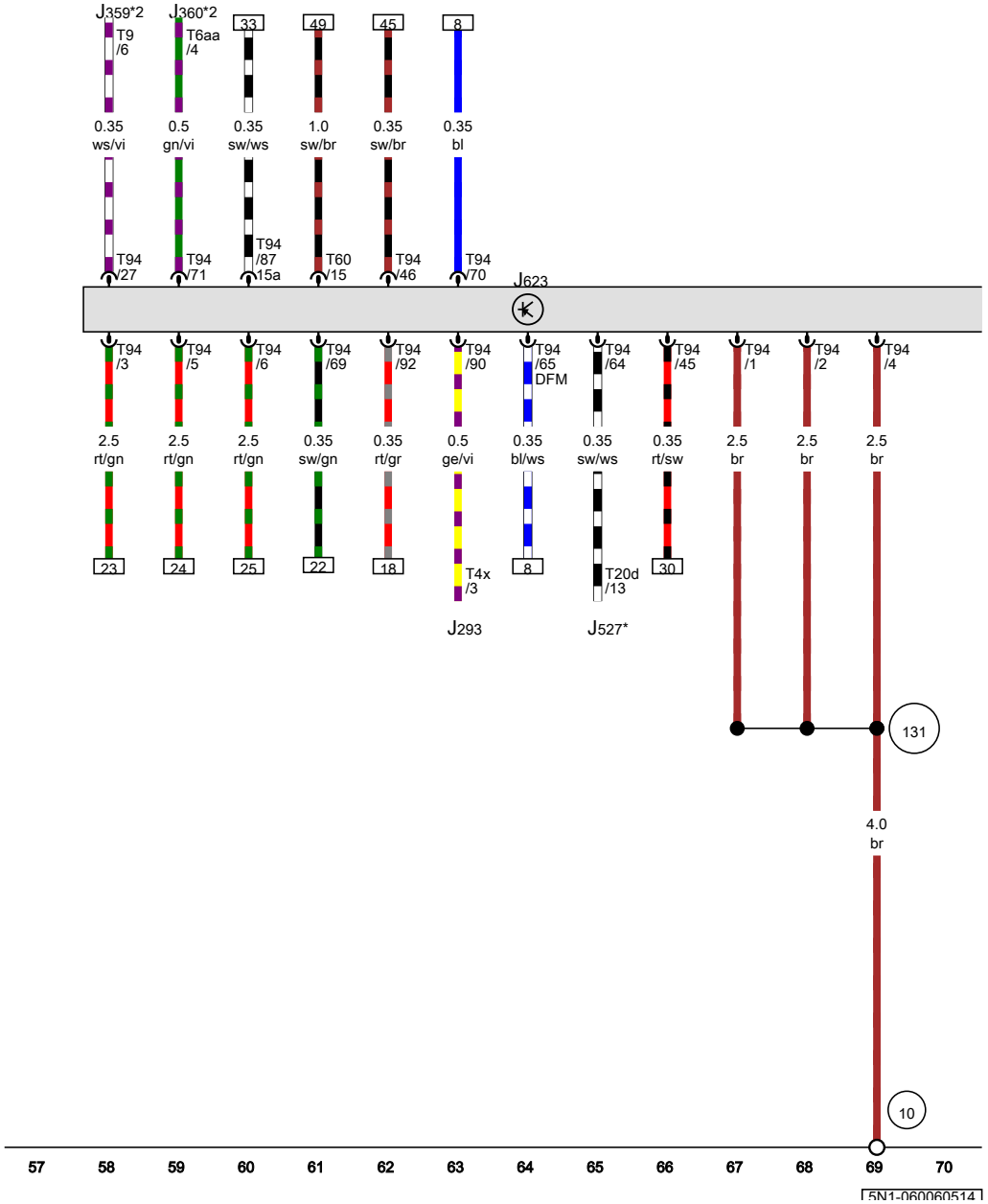
Fuel pump relay, Electric fuel pump 2 relay, Fuel pump relay for auxiliary heater, Fuel pump 2

J17	Fuel pump relay
J49	Electric fuel pump 2 relay
J749	Fuel pump relay for auxiliary heater
T10aa	10-pin connector
T10b	10-pin connector
T10c	10-pin connector
V277	Fuel pump 2
13	Earth point, on right in engine compartment
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B429	Connection (EFPR), in main wiring harness
D183	Connection 4 (87a) in engine compartment wiring harness
*	Only models with auxiliary coolant heater



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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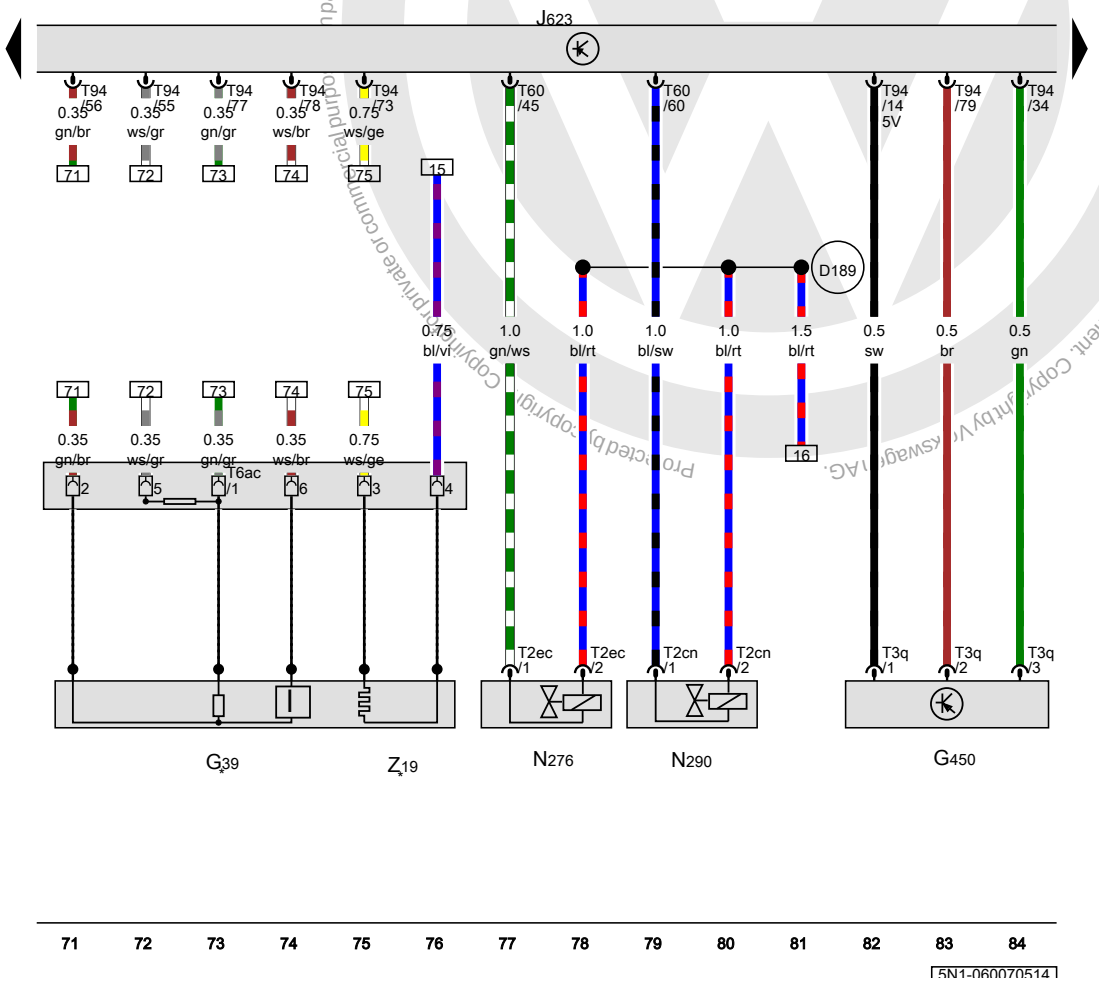
Engine control unit

J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J527	Steering column electronics control unit
J623	Engine control unit
T4x	4-pin connector
T6aa	6-pin connector
T9	9-pin connector
T20d	20-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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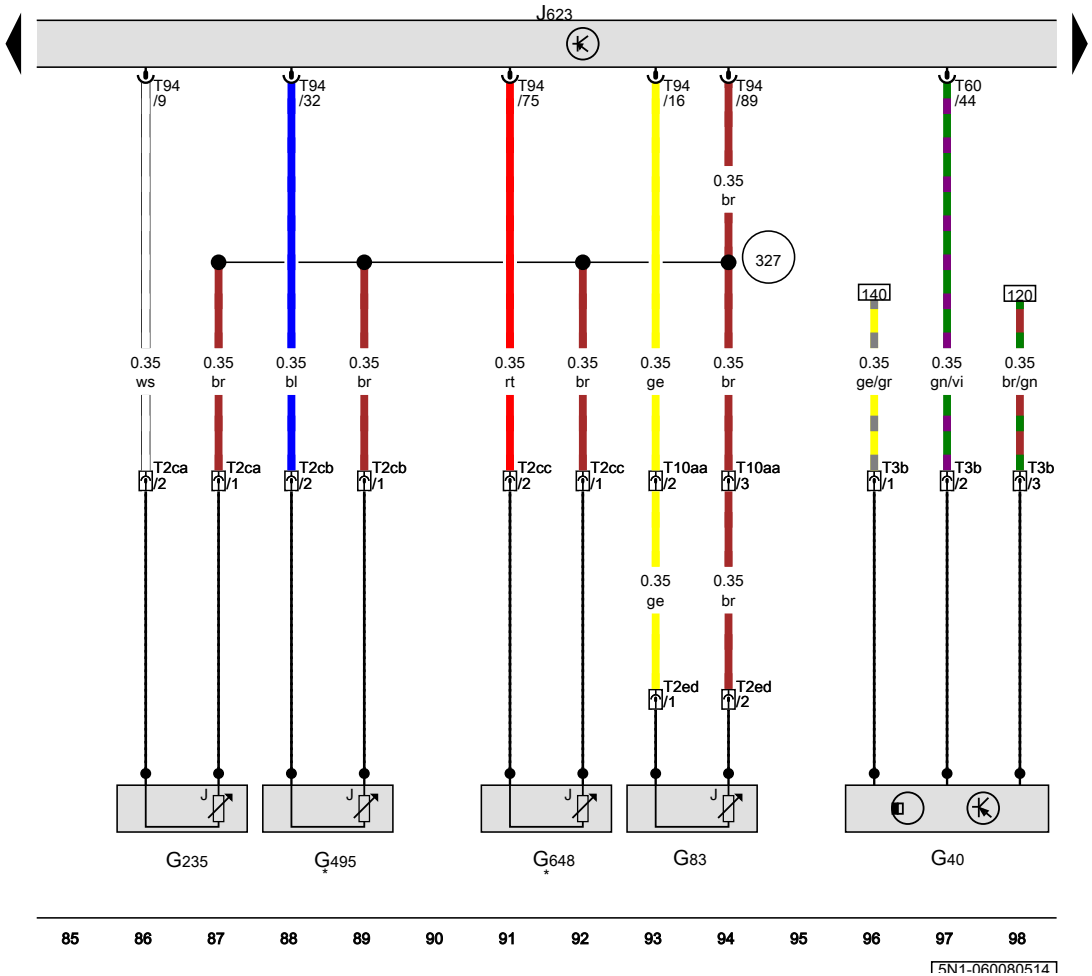
Lambda probe, Exhaust gas pressure sensor 1, Engine control unit, Fuel pressure regulating valve, Fuel metering valve

G39	Lambda probe
G450	Exhaust gas pressure sensor 1
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2cn	2-pin connector
T2ec	2-pin connector
T3q	3-pin connector
T6ac	6-pin connector
T60	60-pin connector
T94	94-pin connector
Z19	Lambda probe heater
(D189)	Connection (87a) in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Hall sender, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G40	Hall sender
G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T2ca	2-pin connector
T2cb	2-pin connector
T2cc	2-pin connector
T2ed	2-pin connector
T3b	3-pin connector
T10aa	10-pin connector
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
*	According to equipment

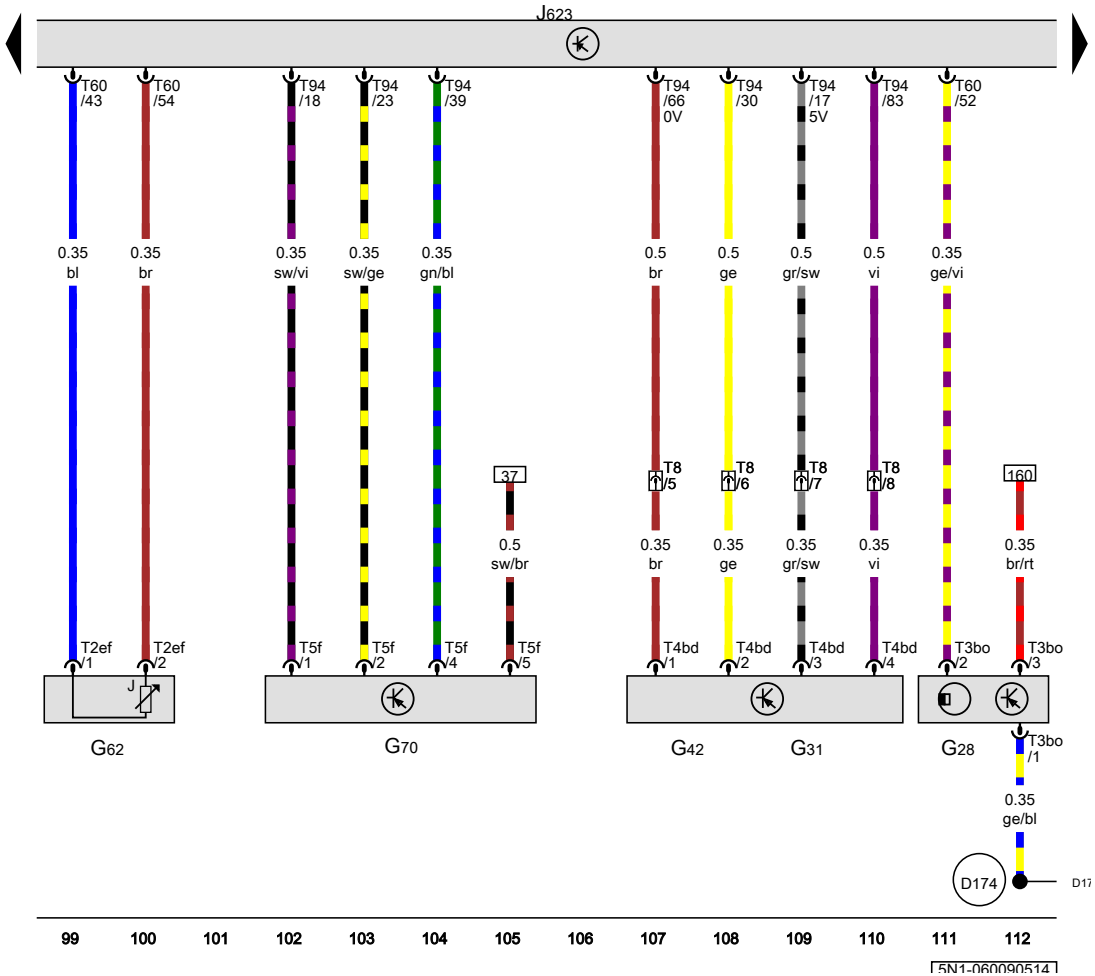


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Engine speed sender, Charge pressure sender, Intake air temperature sender, Coolant temperature sender, Air mass meter, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G70	Air mass meter
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T4bd	4-pin connector
T5f	5-pin connector
T8	8-pin connector
T60	60-pin connector
T94	94-pin connector
D174	Connection 2 (5V) in engine prewiring harness

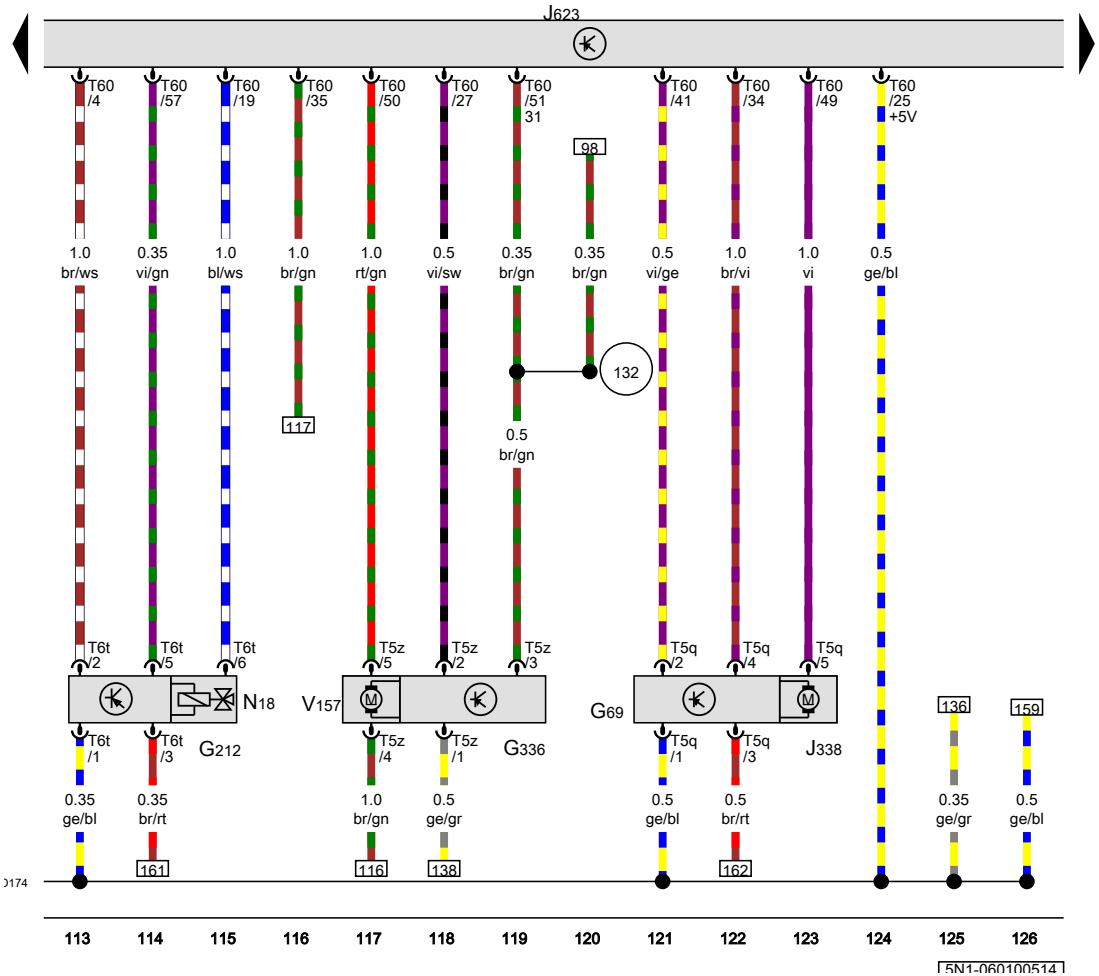


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Throttle valve potentiometer, Exhaust gas recirculation potentiometer, Intake manifold flap potentiometer, Engine control unit, Exhaust gas recirculation valve, Intake manifold flap motor

G69	Throttle valve potentiometer
G212	Exhaust gas recirculation potentiometer
G336	Intake manifold flap potentiometer
J338	Throttle valve module
J623	Engine control unit
N18	Exhaust gas recirculation valve
T5q	5-pin connector
T5z	5-pin connector
T6t	6-pin connector
T60	60-pin connector
V157	Intake manifold flap motor
132	Earth connection 3, in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness

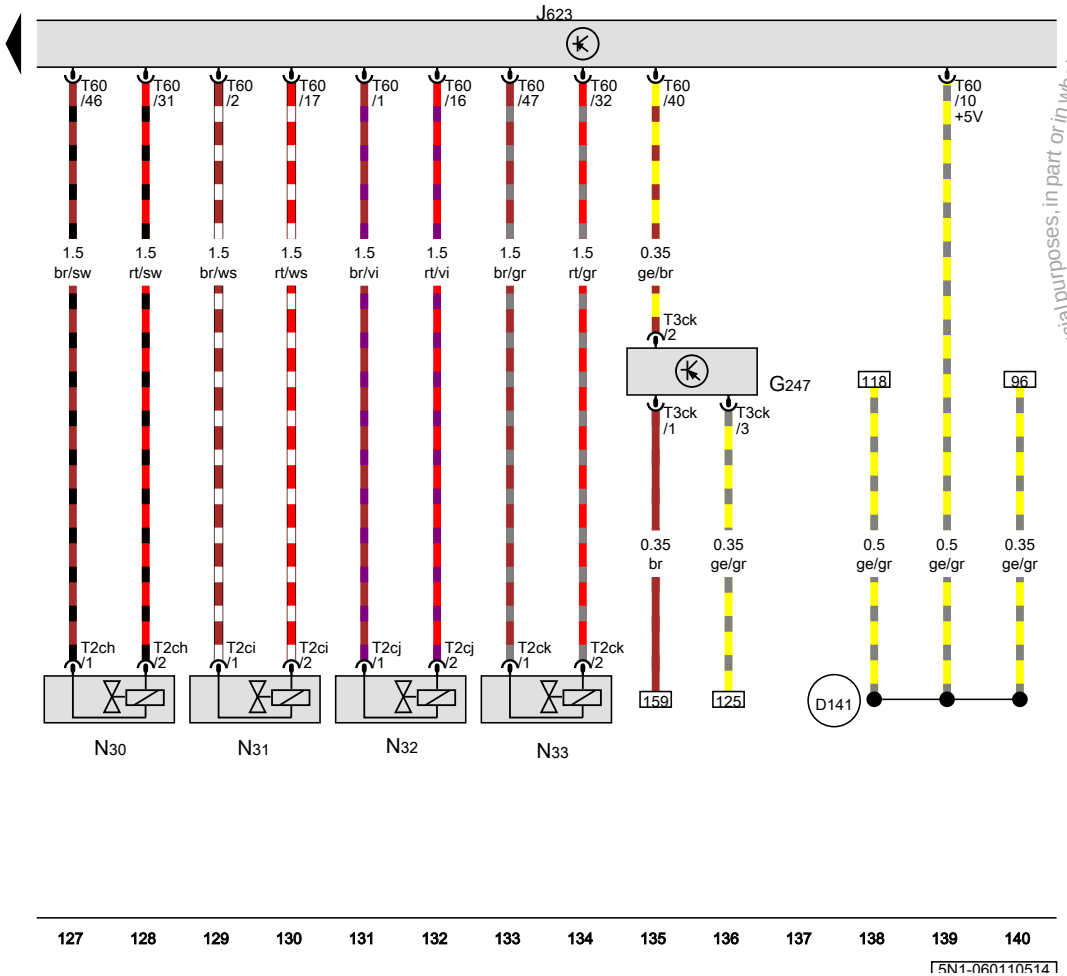


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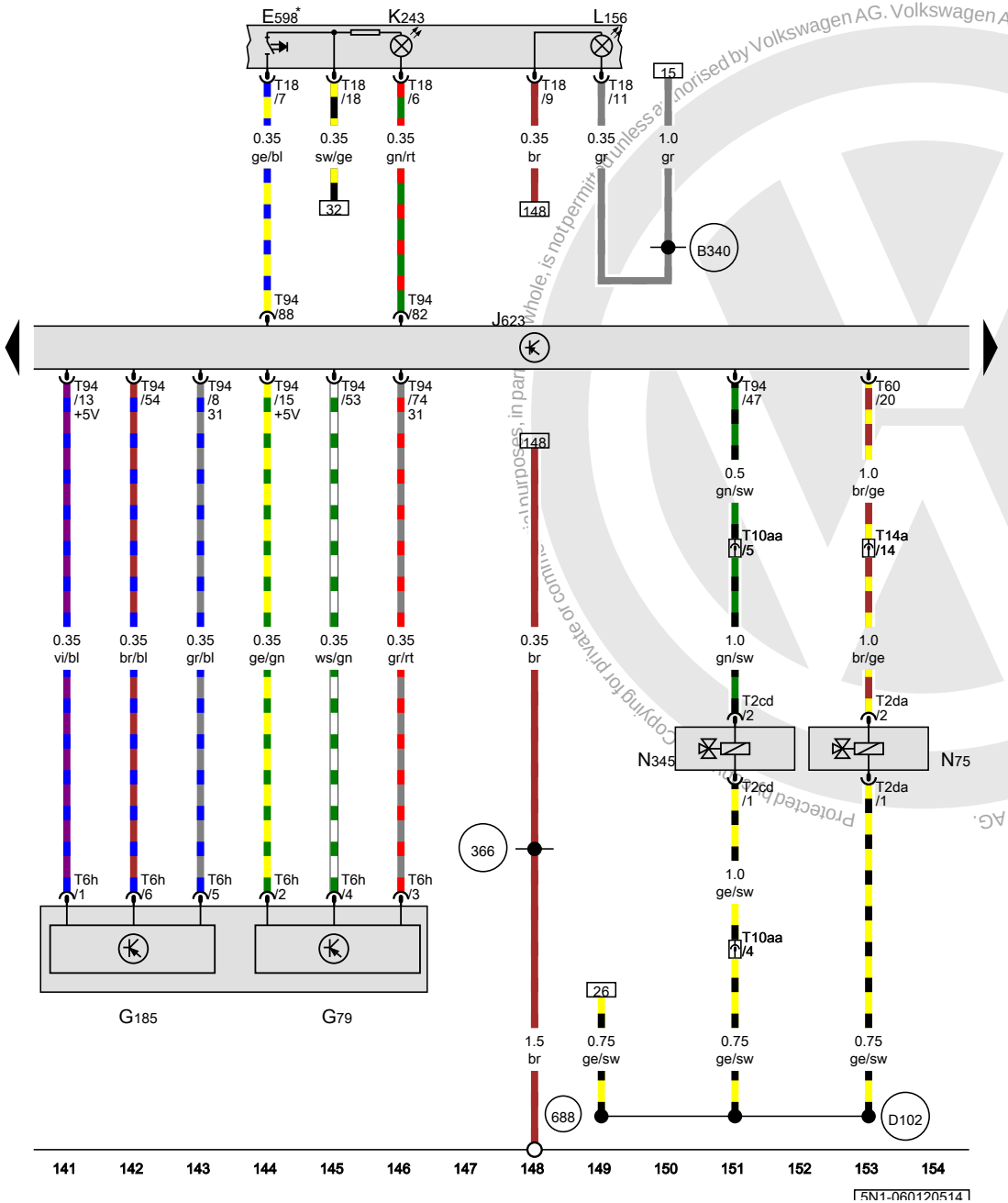
Fuel pressure sender, Engine control unit, Injector, cylinder 1

G247	Fuel pressure sender
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T3ck	3-pin connector
T60	60-pin connector
D141	Connection (5V) in engine prewiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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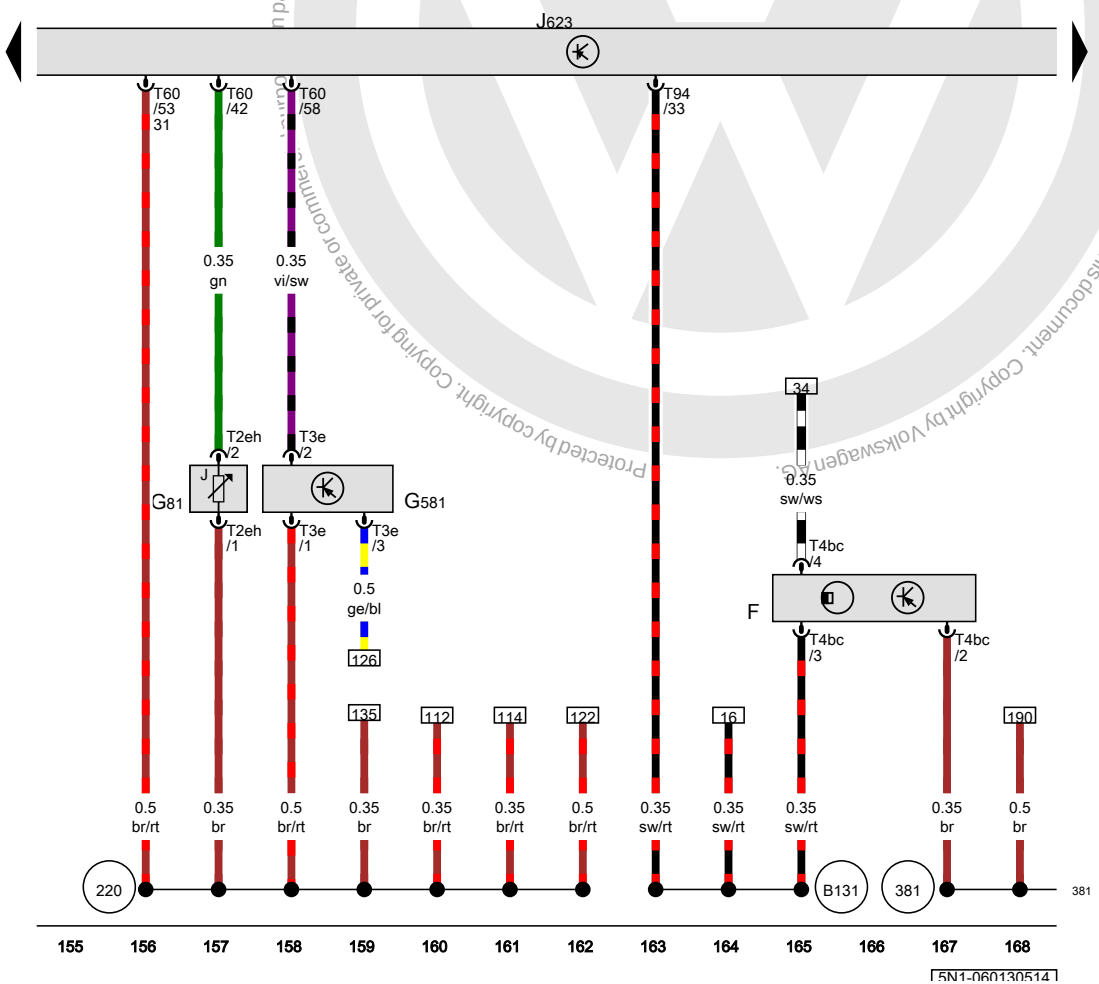
Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

E598	Driving program button
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T2cd	2-pin connector
T2da	2-pin connector
T6h	6-pin connector
T10aa	10-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
D102	Connection 2 in engine compartment wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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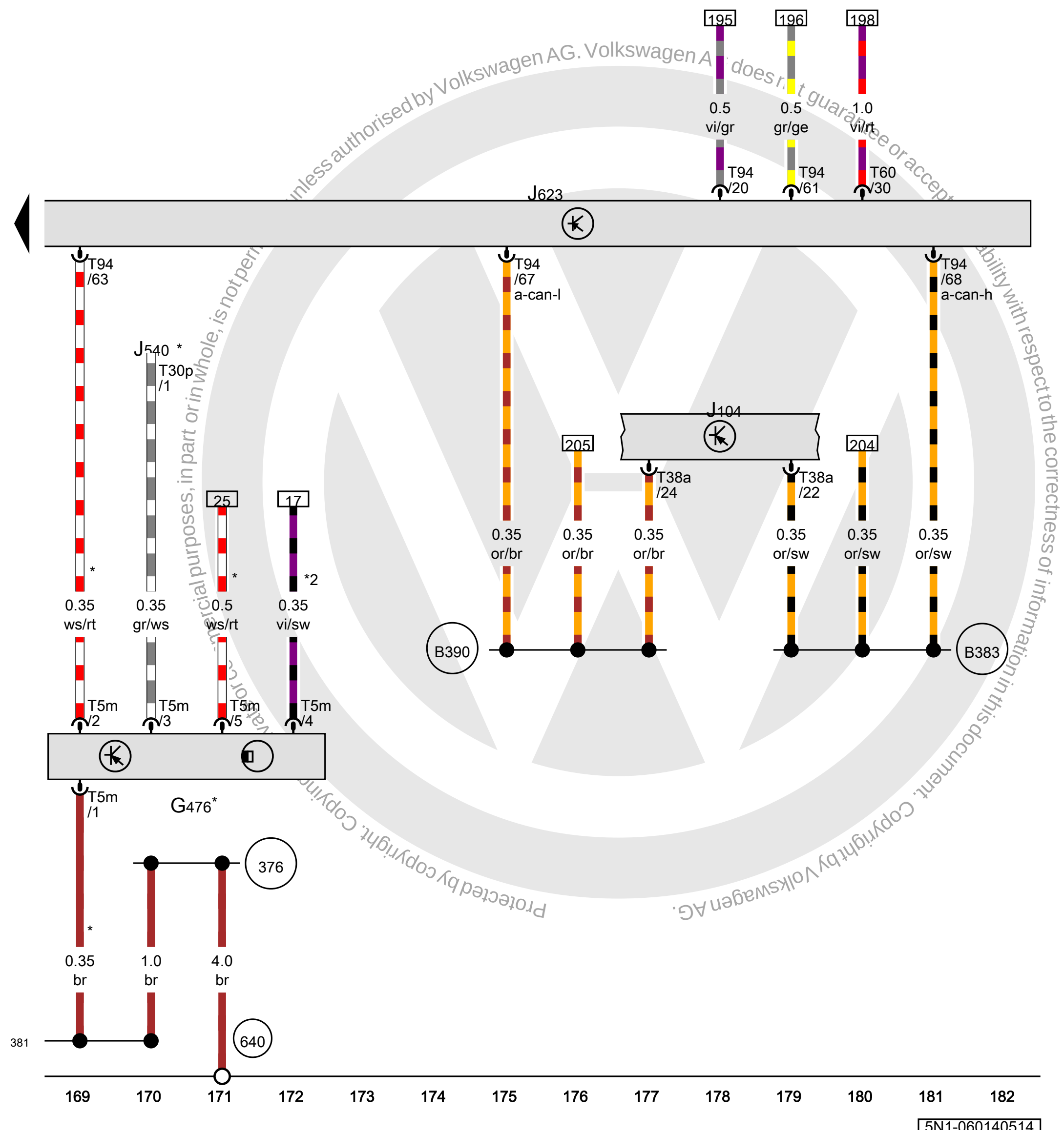
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Brake light switch, Fuel temperature sender, Position sender for charge pressure positioner, Engine control unit

F	Brake light switch
G81	Fuel temperature sender
G581	Position sender for charge pressure positioner
J623	Engine control unit
T2eh	2-pin connector
T3e	3-pin connector
T4bc	4-pin connector
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness

Clutch position sender, Engine control unit

G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5m	5-pin connector
T30p	30-pin connector
T38a	38-pin connector
T60	60-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only for American markets

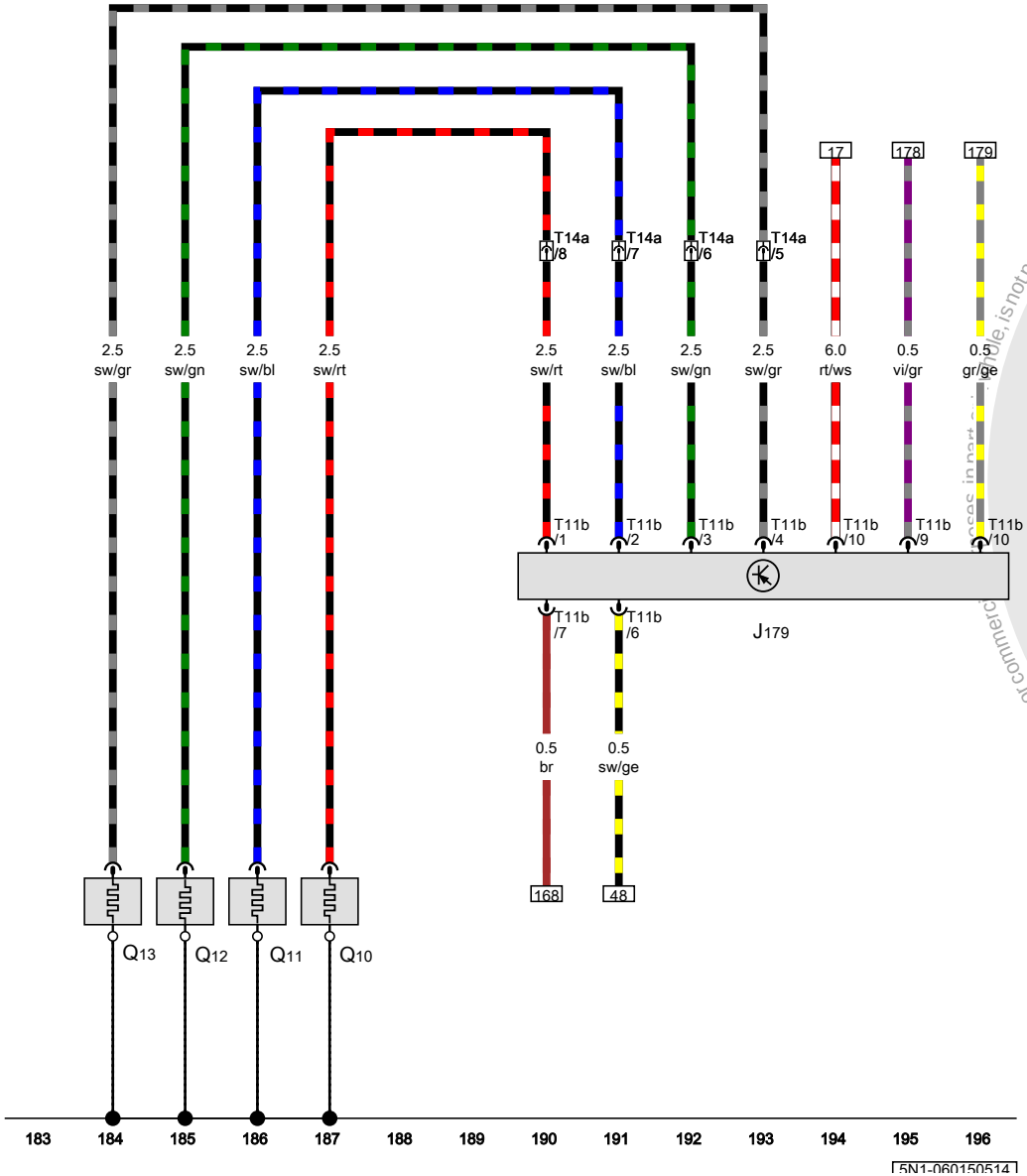


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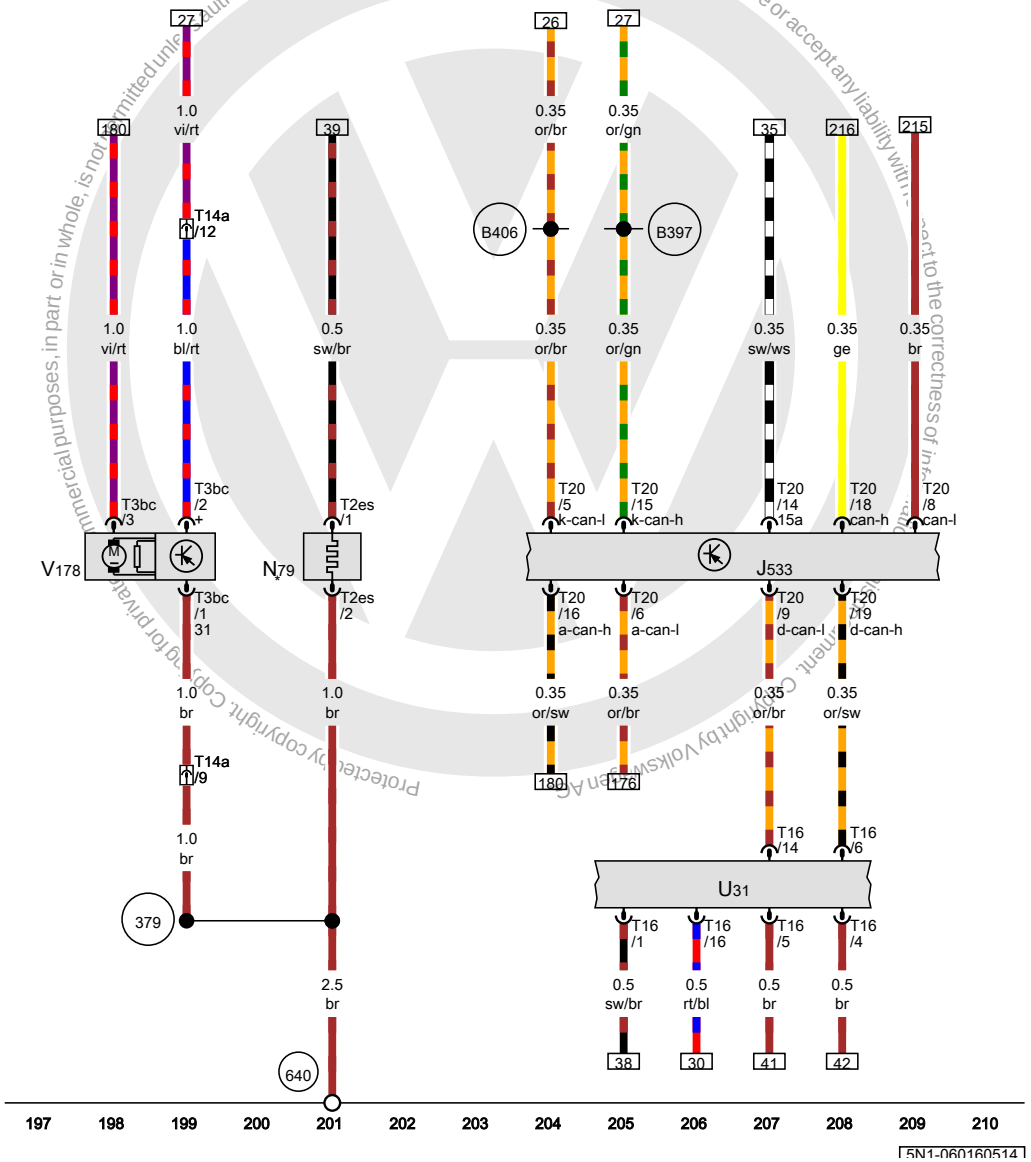
Automatic glow period control unit, Glow plug 1

J179 Automatic glow period control unit
Q10 Glow plug 1
Q11 Glow plug 2
Q12 Glow plug 3
Q13 Glow plug 4
T11b 11-pin connector
T14a 14-pin connector



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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vi = purple
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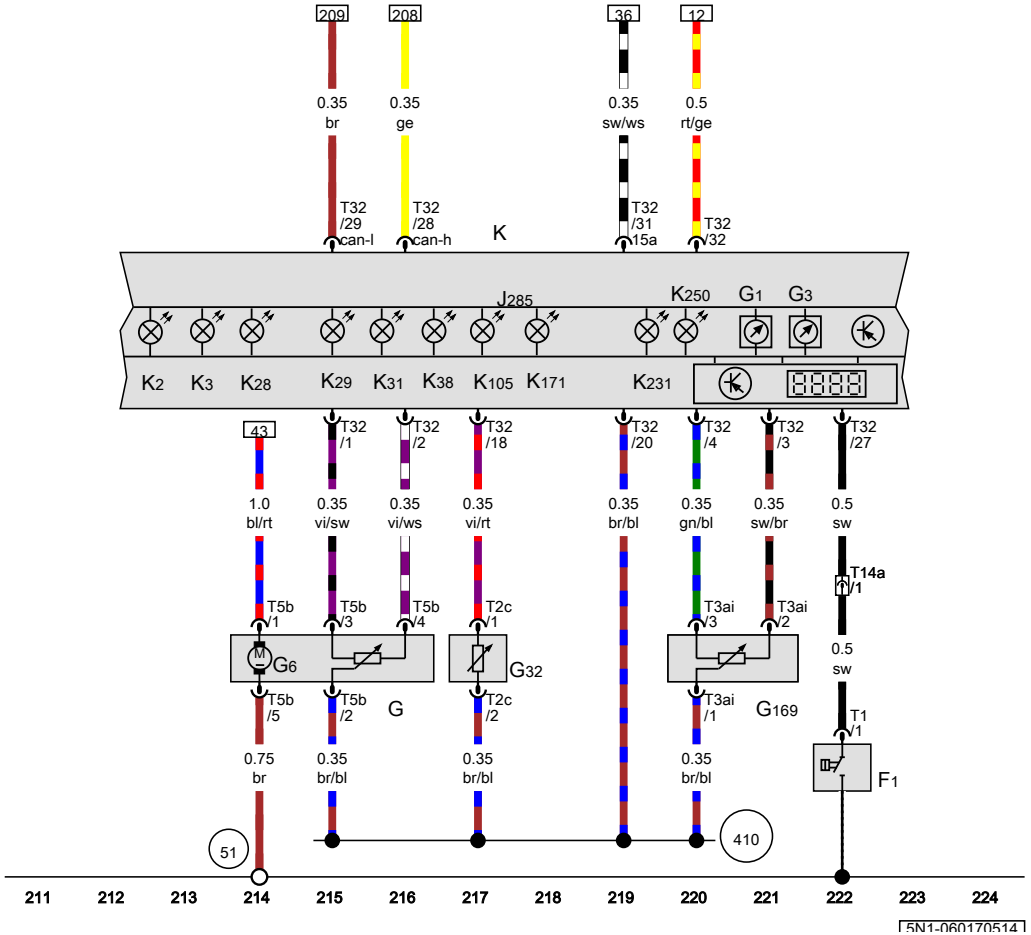


ws = white
sw = black
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gn = green
bl = blue
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vi = purple
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Data bus diagnostic interface, Heater element for crankcase breather, Diagnostic connection, Coolant circulation pump 2

J533	Data bus diagnostic interface
N79	Heater element for crankcase breather
T2es	2-pin connector
T3bc	3-pin connector
T14a	14-pin connector
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
V178	Coolant circulation pump 2
379	Earth connection 14, in main wiring harness
640	Earth point 2, left in engine compartment
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only for countries with cold climate

Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert



F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
K171	Bonnet open warning lamp
K231	Diesel particulate filter warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T2c	2-pin connector
T3ai	3-pin connector
T5b	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
410	Earth connection 1 (sender earth) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Compass

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

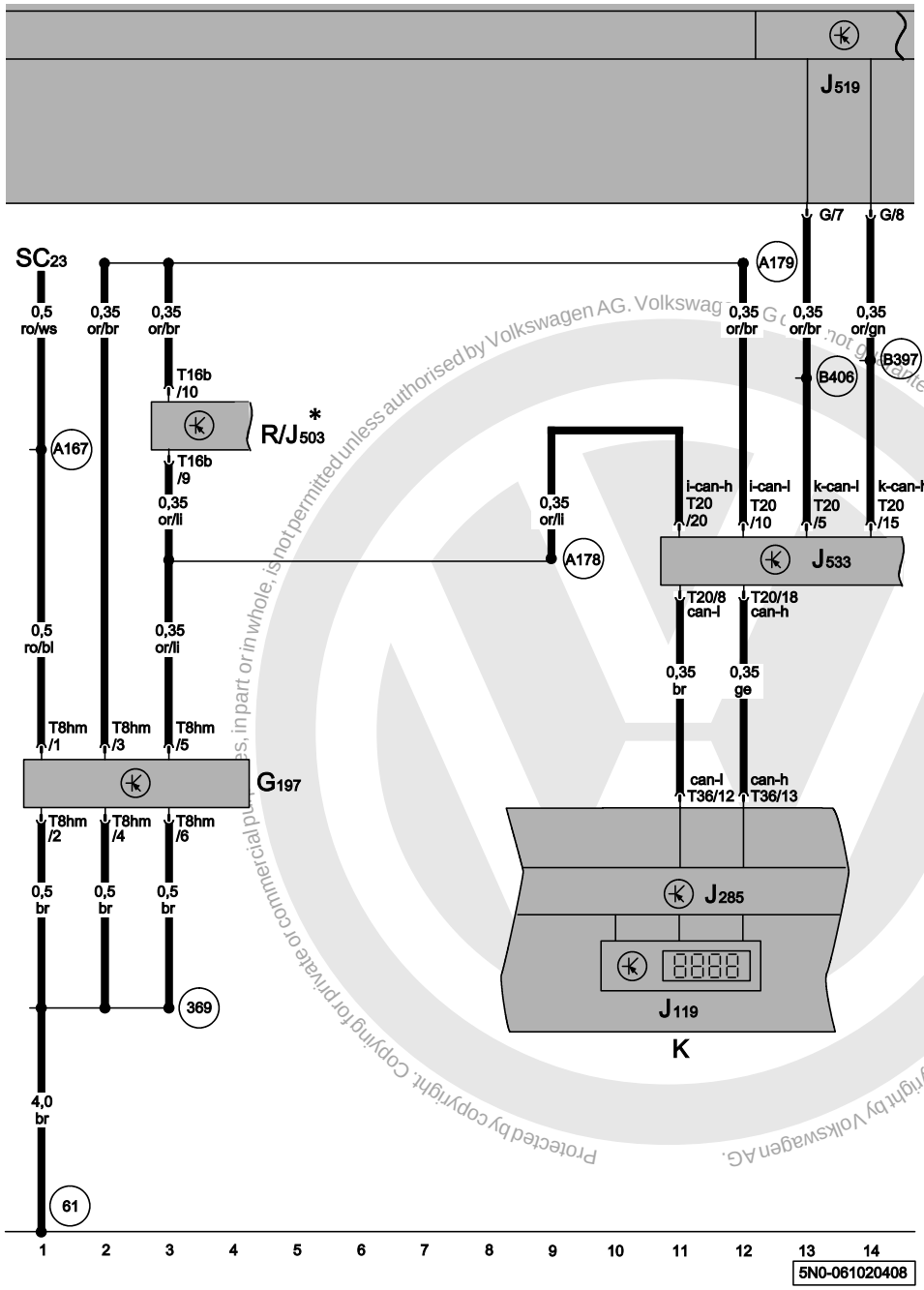
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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Magnetic field sender for compass, multifunction display, control unit with display for radio and navigation system, radio, dash panel insert, data bus diagnostic interface

G197	Magnetic field sender for compass
J119	Multifunction display
J285	Control unit in dash panel insert
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
J533	Data bus diagnosis interface
K	Dash panel insert
R	Radio
SC23	Fuse 23 on fuse holder C
T8hm	8-pin connector, black
T16b	16-pin connector, black
T20	20-pin connector, red
T36	36-pin connector
61	Earth point, on left C-pillar
369	Earth connection 4, in main wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Depends on equipment

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Sound system DYNAUDIO®

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

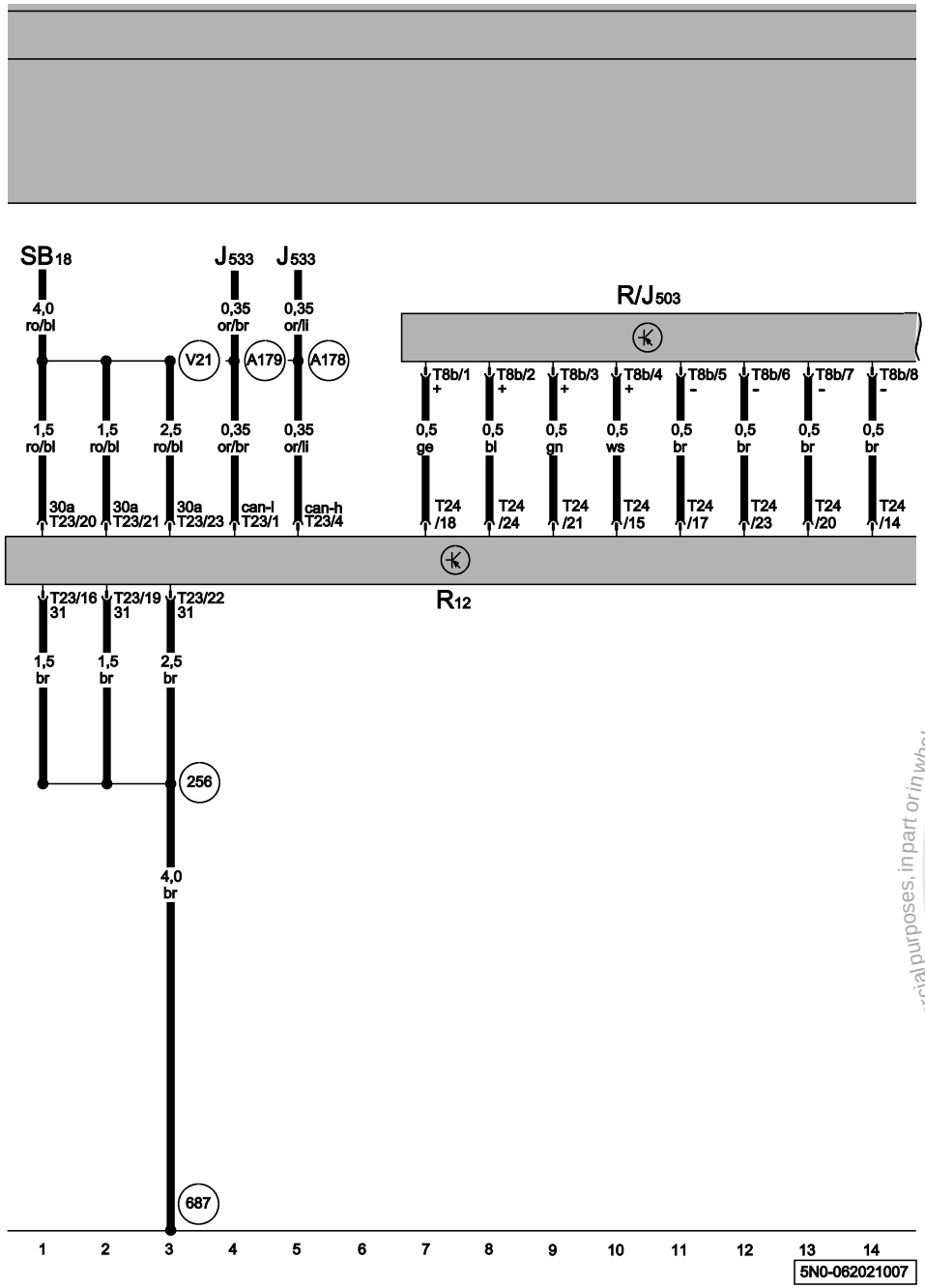
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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Radio, fuse SB18, amplifier

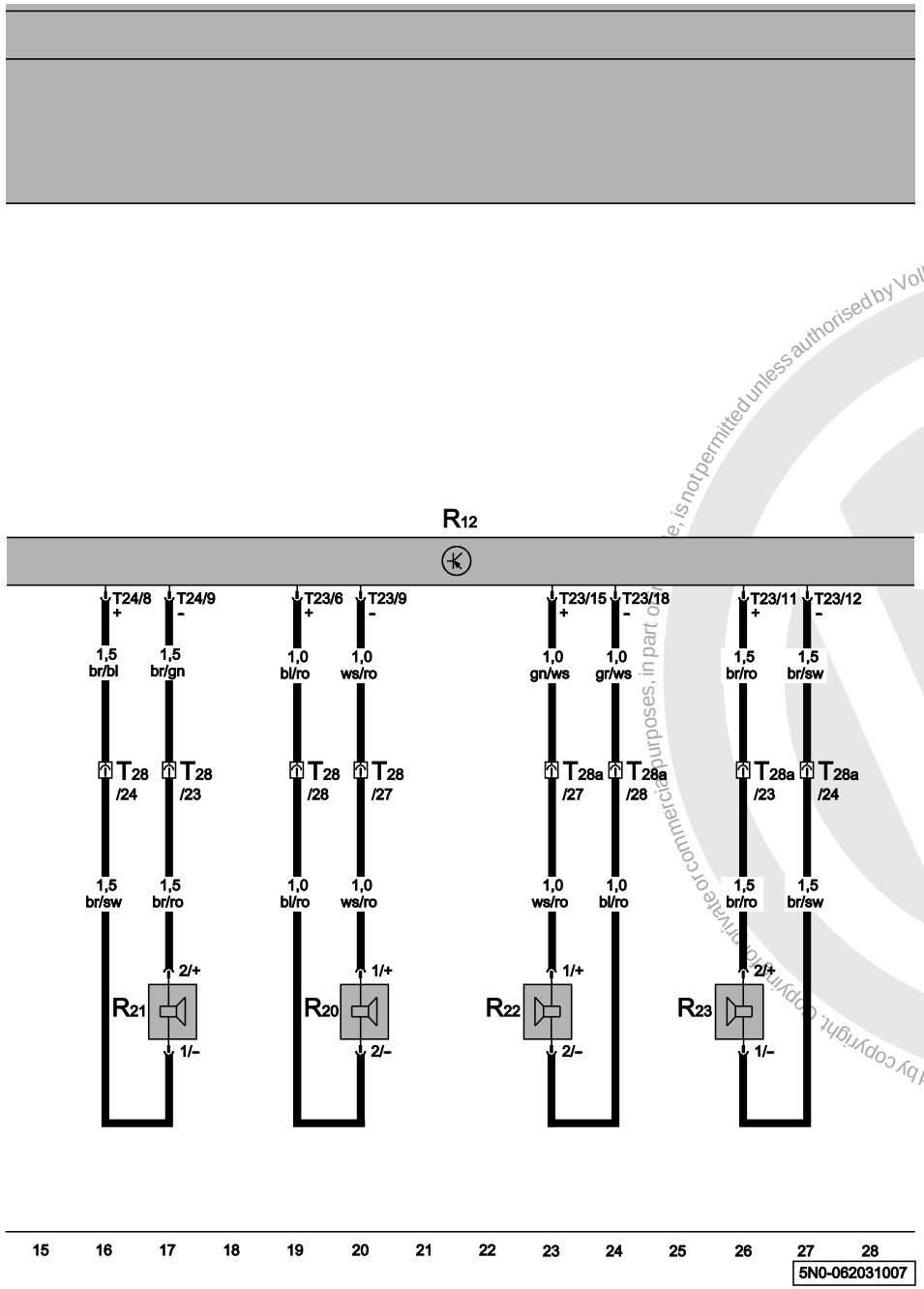
J503	Control unit with display for radio and navigation
J533	Data bus diagnosis interface
R	Radio
R12	Amplifier
SB18	Fuse 18 on fuse holder B
T8b	8-pin connector
T23	23-pin connector
T24	24-pin connector
256	Earth connection 2, in radio wiring harness
687	Earth point 2, on centre tunnel
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
V21	Positive connection (30), in radio - amplifier wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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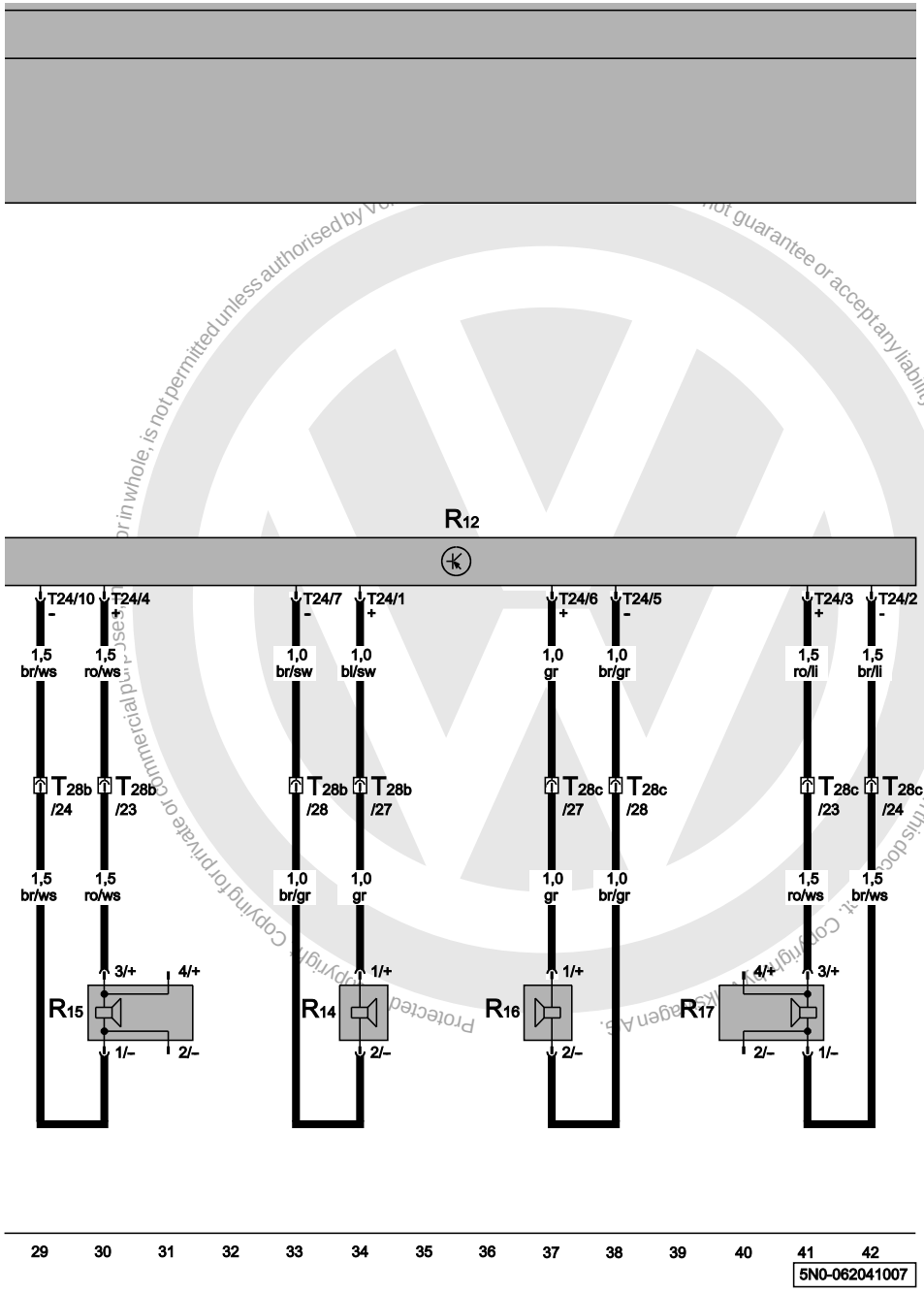
Front loudspeakers, amplifier

R12	Amplifier
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T23	23-pin connector
T24	24-pin connector
T28	28-pin connector
T28a	28-pin connector



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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Rear loudspeaker, amplifier

R12	Amplifier
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T24	24-pin connector
T28b	28-pin connector
T28c	28-pin connector

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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Radio navigation system RNS 300

⇒ **Connection for external audio sources**
⇒ **CD changer**
⇒ **Satellite digital audio system (SDARS)**
⇒ **Satellite radio**
from November 2007

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

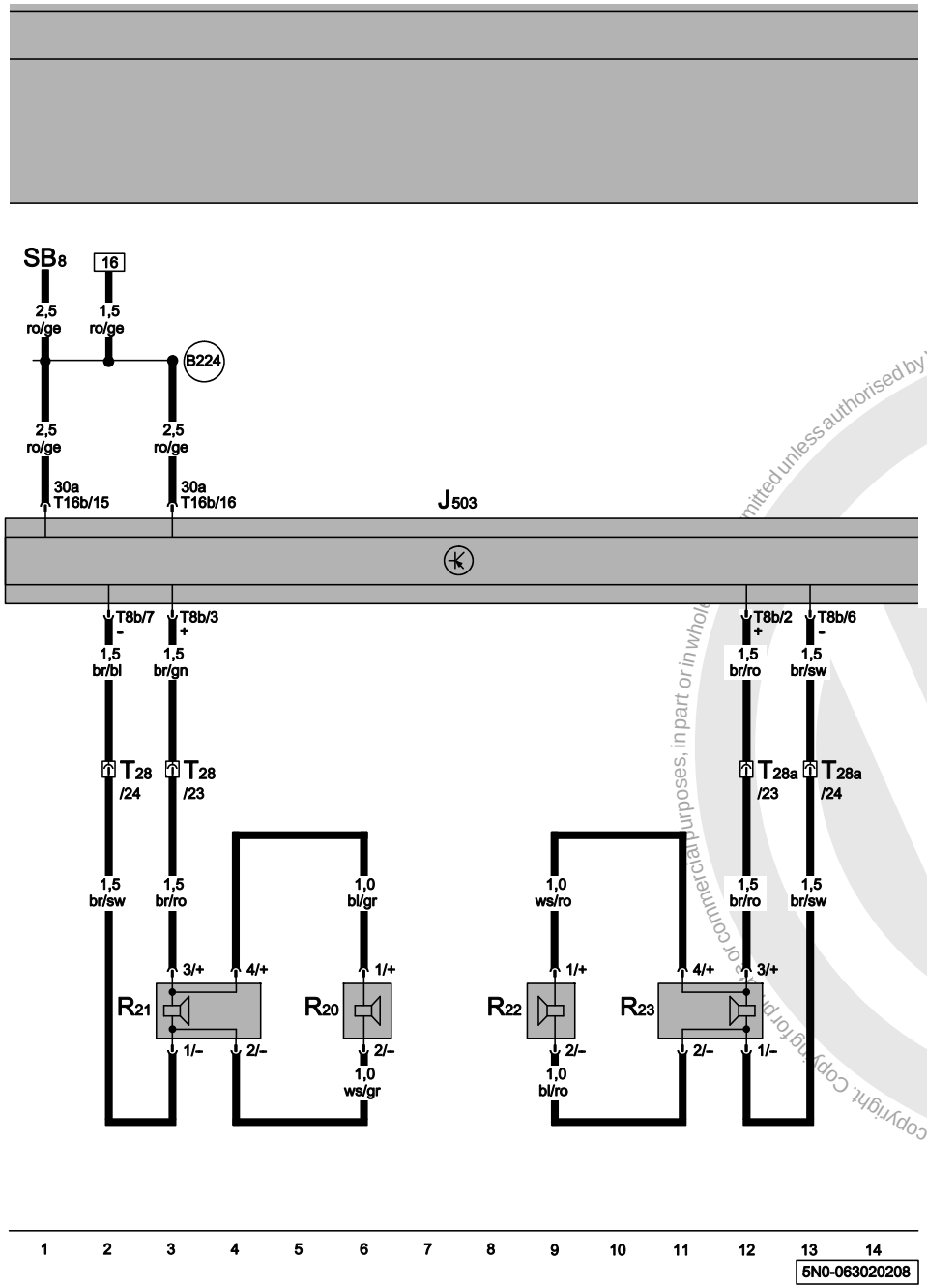
⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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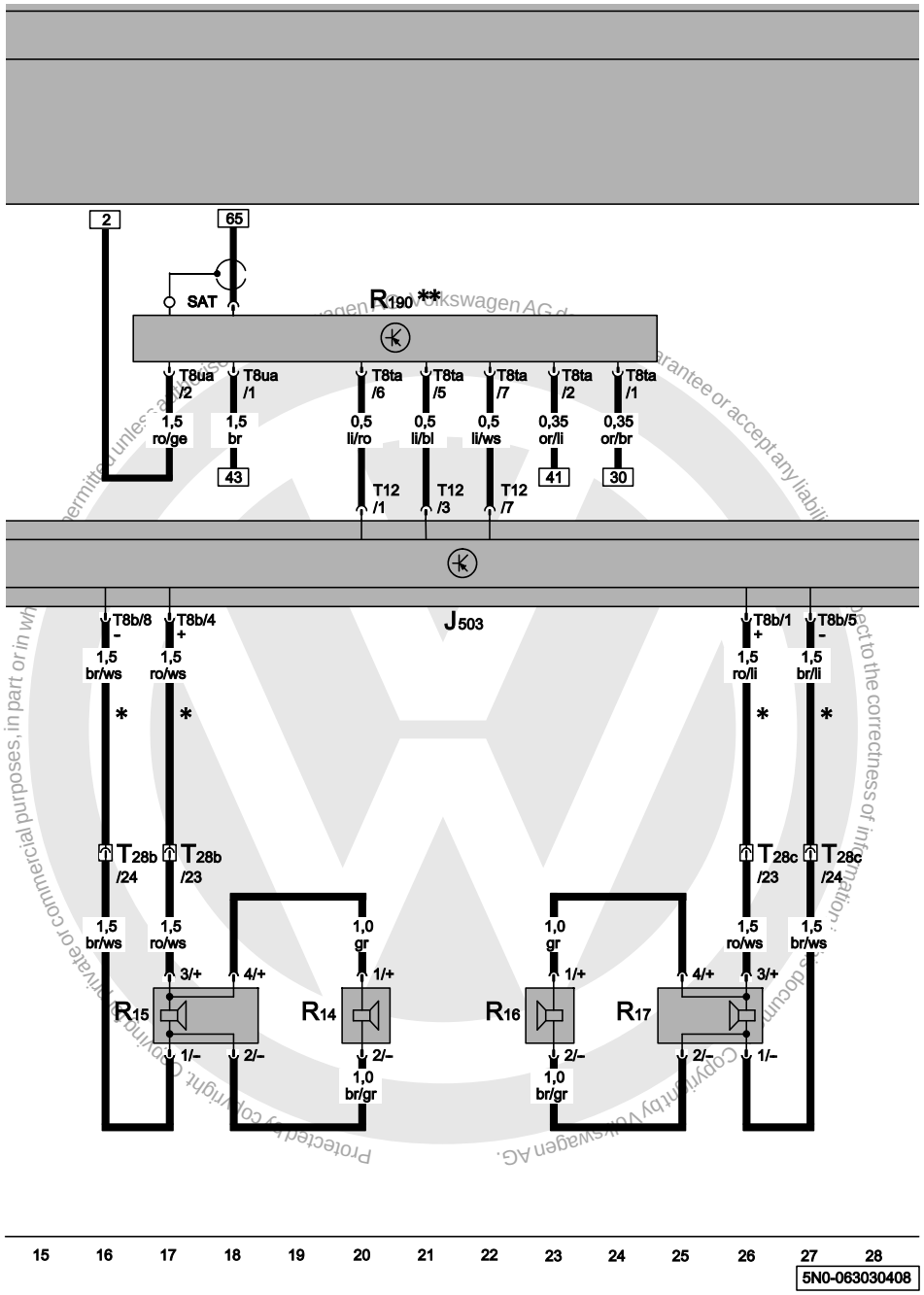
Front loudspeakers, fuse SB8, control unit with display for radio and navigation system

J503	Control unit with display for radio and navigation
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
SB8	Fuse 8 on fuse holder B
T8b	8-pin connector, brown
T16b	16-pin connector, black
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
B224	Connection 1 (radio), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Satellite digital radio tuner, rear loudspeakers, control unit with display for radio and navigation system

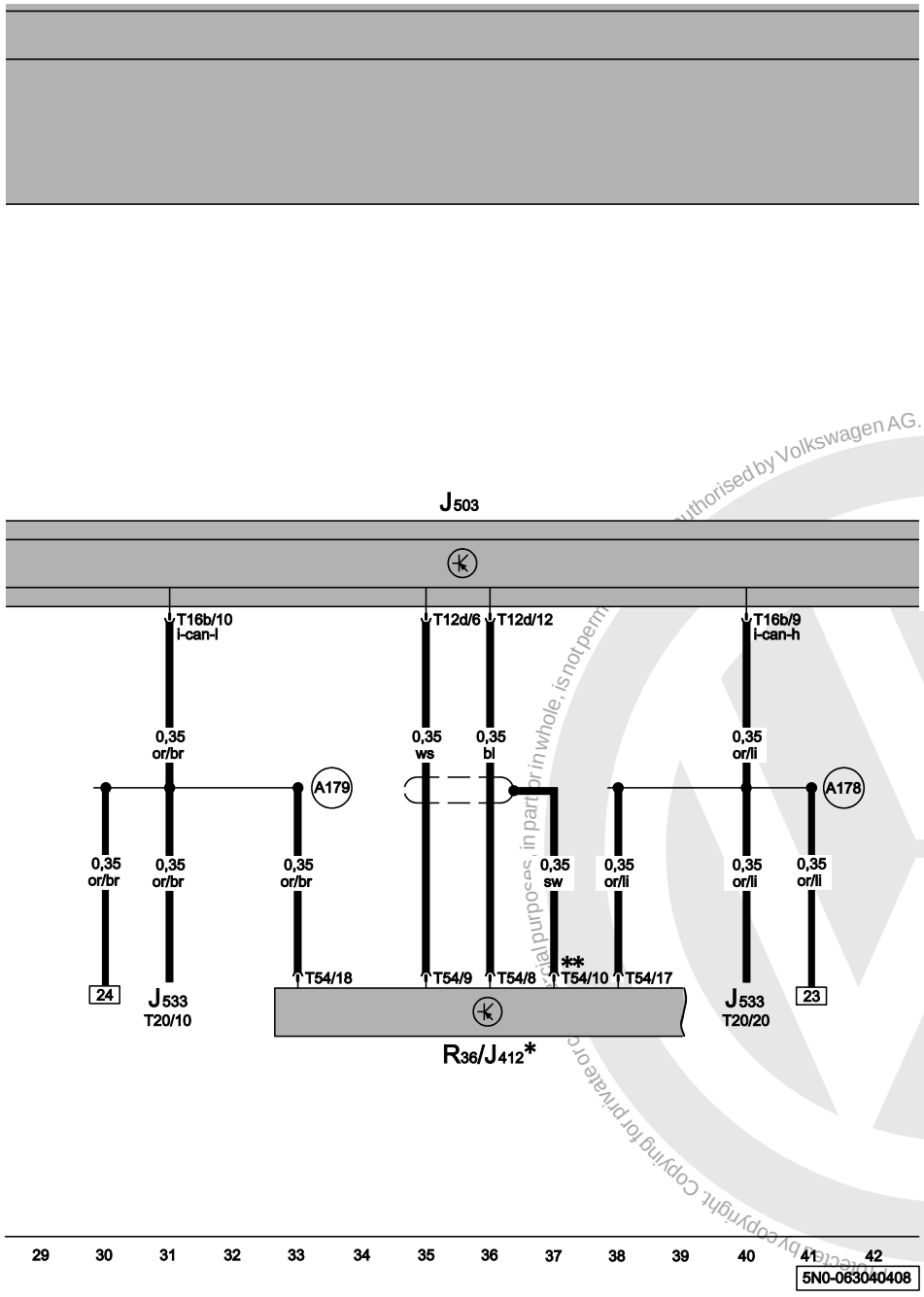
J503	Control unit with display for radio and navigation
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R190	Satellite digital radio tuner
T8b	8-pin connector, brown
T8ta	8-pin connector, black
T8ua	8-pin connector, black
T12	12-pin connector, blue
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim
*	Only models with rear loudspeaker
**	Only models with satellite digital radio tuner

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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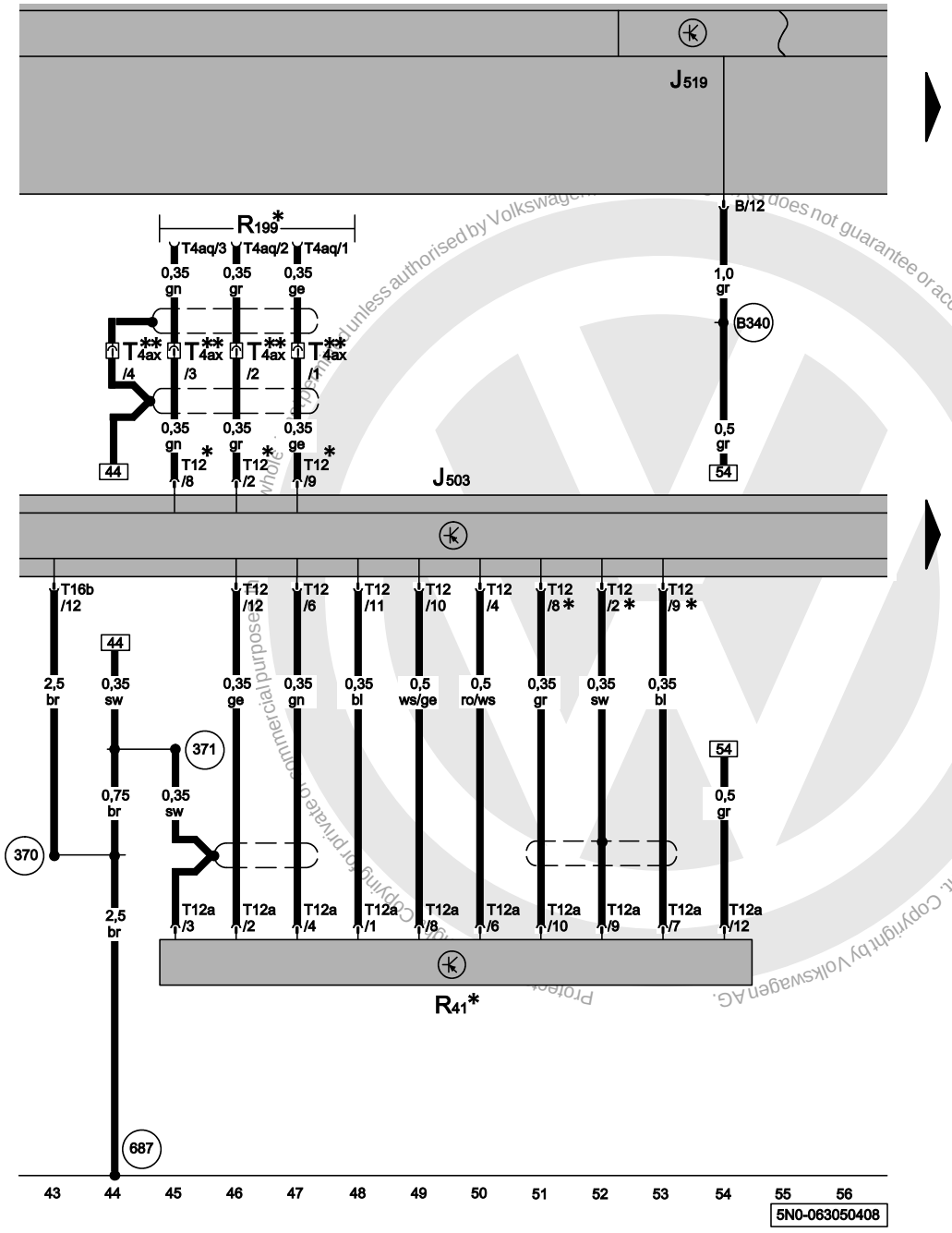
Control unit with display for radio and navigation system, telephone transmitter and receiver unit, mobile telephone operating electronics control unit

J412	Control unit for mobile telephone operating electronics
J503	Control unit with display for radio and navigation
J533	Data bus diagnosis interface
R36	Telephone transmitter and receiver unit
T12d	12-pin connector, green
T16b	16-pin connector, black
T20	20-pin connector, red
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Depends on equipment
**	Up to May 2008



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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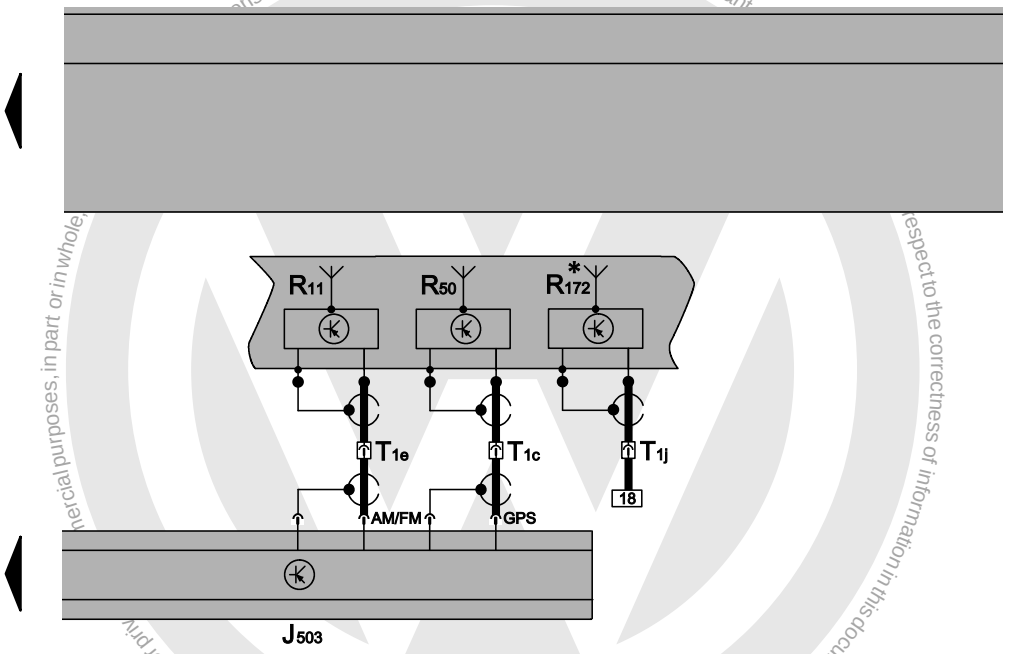
Connection for external audio sources, CD changer, control unit with display for radio and navigation system

J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R41	CD changer
R199	Connection for external audio sources
T4aq	4-pin connector, black
T4ax	4-pin connector, white
T12	12-pin connector, blue
T12a	12-pin connector, black
T16b	16-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
*	Depends on equipment
**	Only models with centre armrest

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

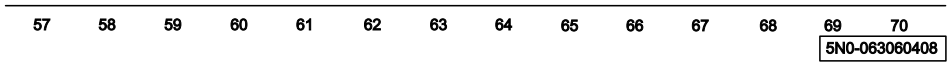
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Aerials, control unit with display for radio and navigation system

J503	Control unit with display for radio and navigation
R11	Aerial
R50	Navigation system aerial
R172	Satellite tuner aerial
T1c	Single connector, blue
T1e	Single connector
T1j	Single connector, green
*	Depends on equipment



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Electric seat adjustment with memory function, driver side

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

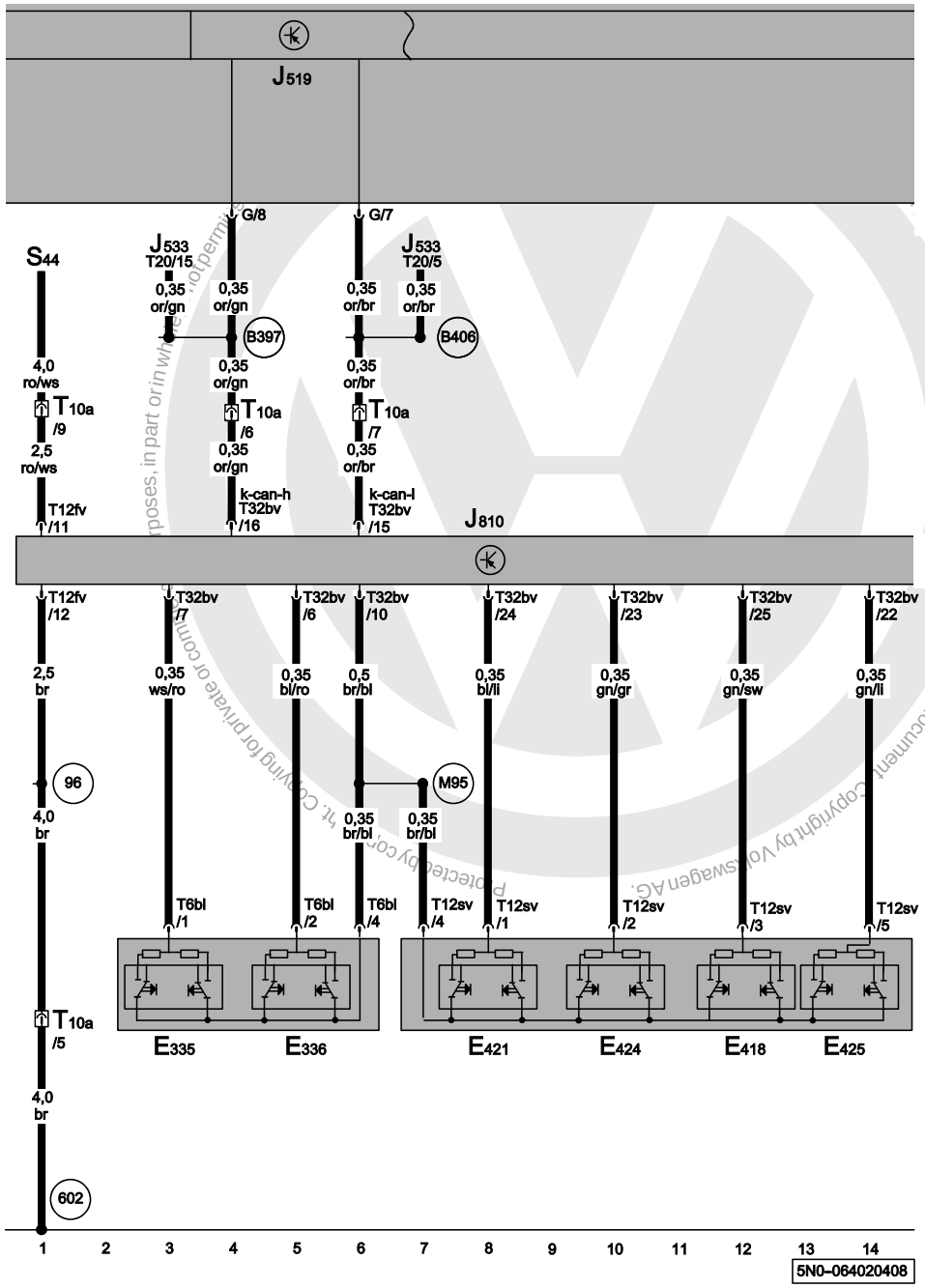
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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Driver seat adjustment control unit, button for height and longitudinal adjustment of lumbar support, backrest adjustment button, seat adjustment button

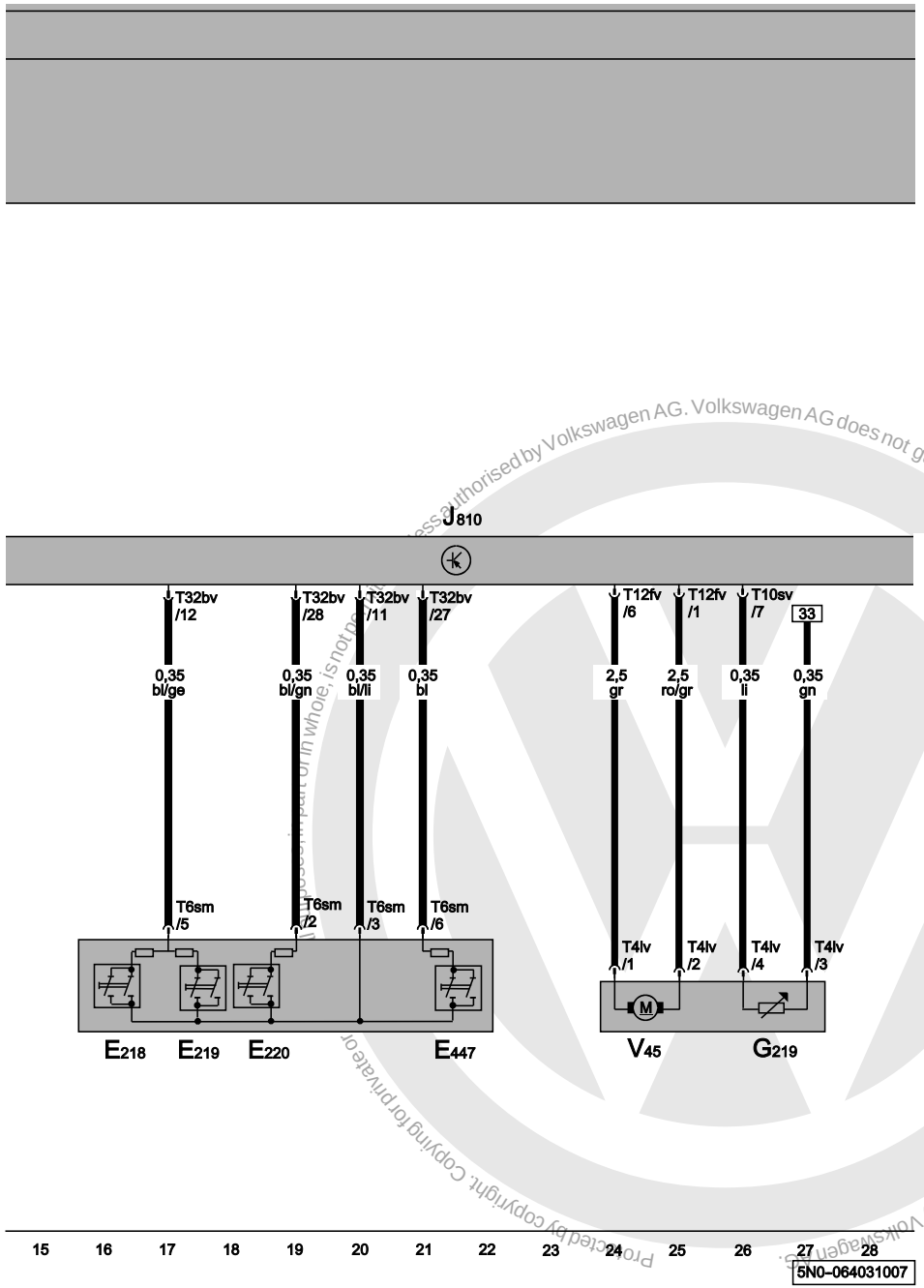
E335	Lumbar support height adjustment button
E336	Lumbar support longitudinal adjustment button
E418	Seat longitudinal adjustment button
E421	Seat longitudinal adjustment button
E424	Seat height adjustment button
E425	Backrest adjustment button
J519	Onboard supply control unit
J533	Data bus diagnosis interface
J810	Driver seat adjustment control unit
S44	Driver seat adjustment thermal fuse 1
T6bl	6-pin connector, blue
T10a	10-pin connector, black, under driver seat
T12fv	12-pin connector, black
T12sv	12-pin connector, black
T20	20-pin connector, red
T32bv	32-pin connector, grey
96	Earth connection 1, in seat heating wiring harness
602	Earth point, in front left footwell
M95	Positive connection 1 (30), in seat adjustment wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

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Backrest adjustment sender for driver seat, driver seat backrest adjustment motor, driver seat adjustment control unit, seat memory position button 1-3

E218	Seat memory position button 1
E219	Seat memory position button 2
E220	Seat memory position button 3
E447	Seat position memory button
G219	Backrest adjustment sender for driver seat
J810	Driver seat adjustment control unit
T4lv	4-pin connector, black
T6sm	6-pin connector, black
T10sv	10-pin connector, black
T12fv	12-pin connector, black
T32bv	32-pin connector, grey
V45	Driver seat backrest adjustment motor

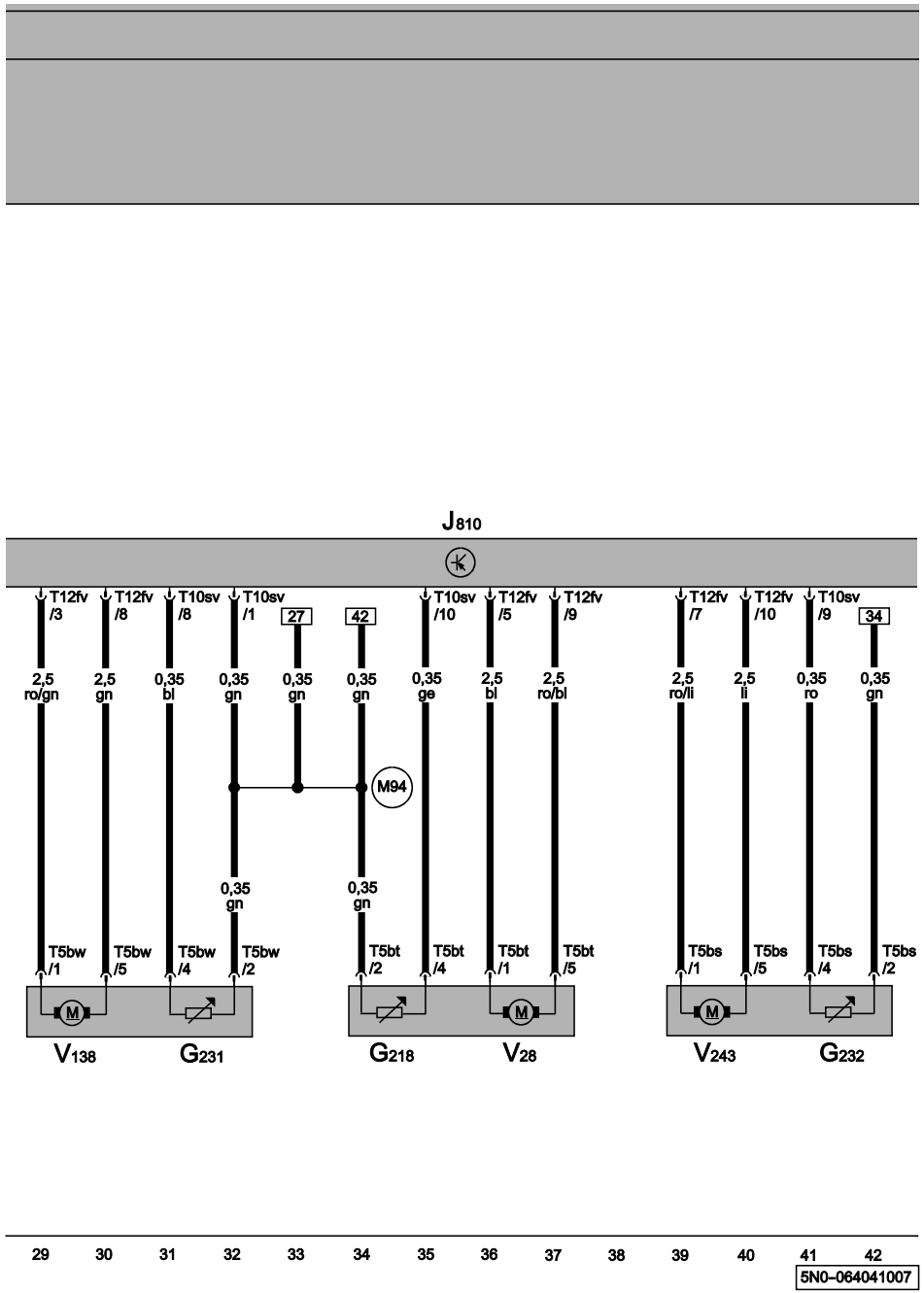


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Height adjustment sender, longitudinal adjustment sender, rake adjustment sender, motors for height/longitudinal/rake adjustment, driver seat adjustment control unit

G218	Longitudinal adjustment sender for driver seat
G231	Height adjustment sender for driver seat
G232	Rake adjustment sender for driver seat
J810	Driver seat adjustment control unit
T5bs	5-pin connector, black
T5bt	5-pin connector, black
T5bw	5-pin connector, black
T10sv	10-pin connector, black
T12fv	12-pin connector, black
V28	Driver seat longitudinal adjustment motor
V138	Driver seat height adjustment motor
V243	Driver seat rake adjustment motor
M94	Connection 2, seat adjustment wiring harness

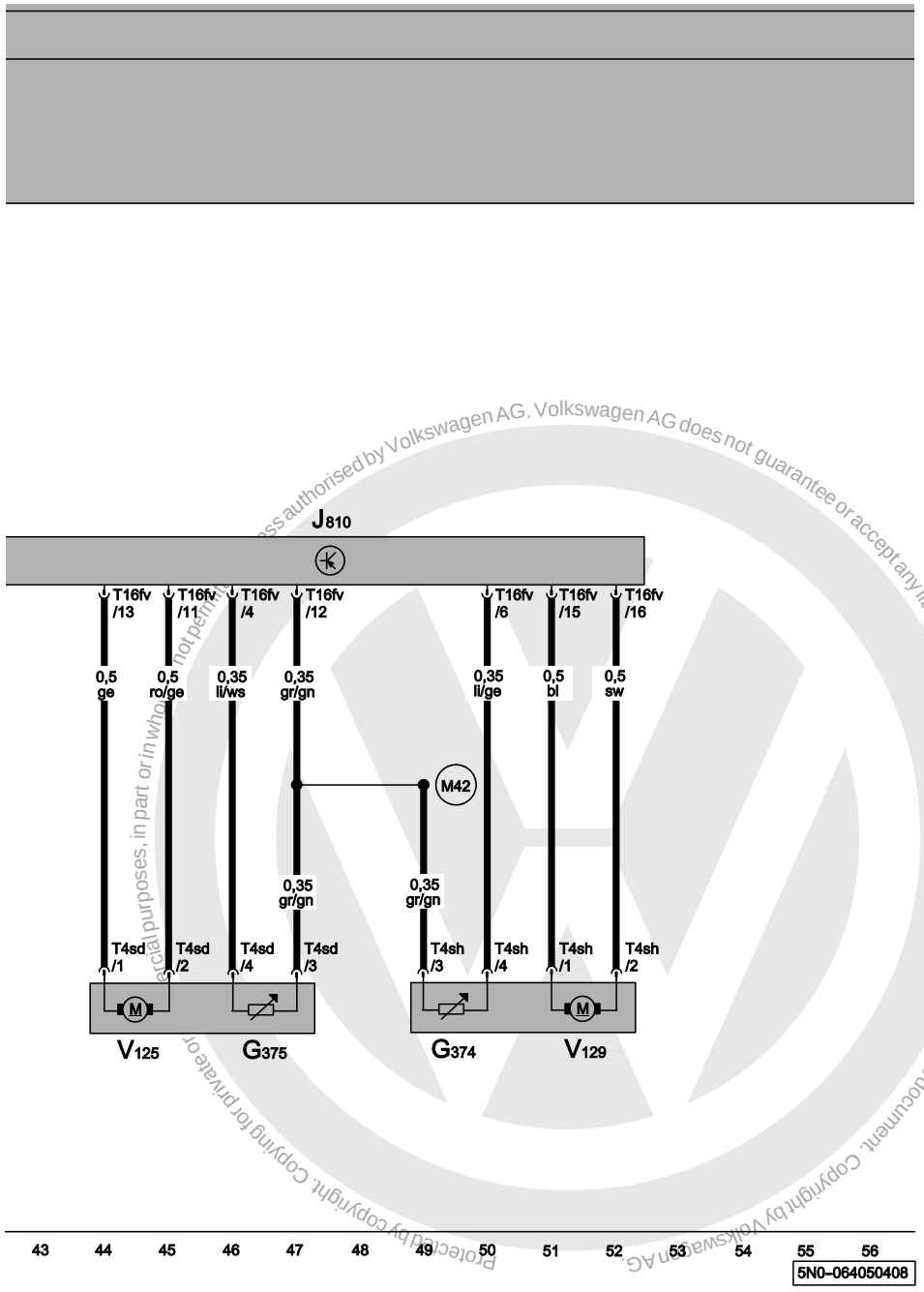


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sw	=	black
ro	=	red
br	=	brown
gn	=	green
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or	=	orange
rs	=	pink

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Height and longitudinal adjustment sender for lumbar support, motor for height and longitudinal adjustment of driver side lumbar support, driver seat adjustment control unit

G374	Lumbar support height adjustment sender
G375	Lumbar support longitudinal adjustment sender
J810	Driver seat adjustment control unit
T4sd	4-pin connector, black
T4sh	4-pin connector, black
T16fv	16-pin connector, black
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
M42	Connection 2, in driver seat wiring harness



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Electromechanical power steering, only right-hand drive models

from November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

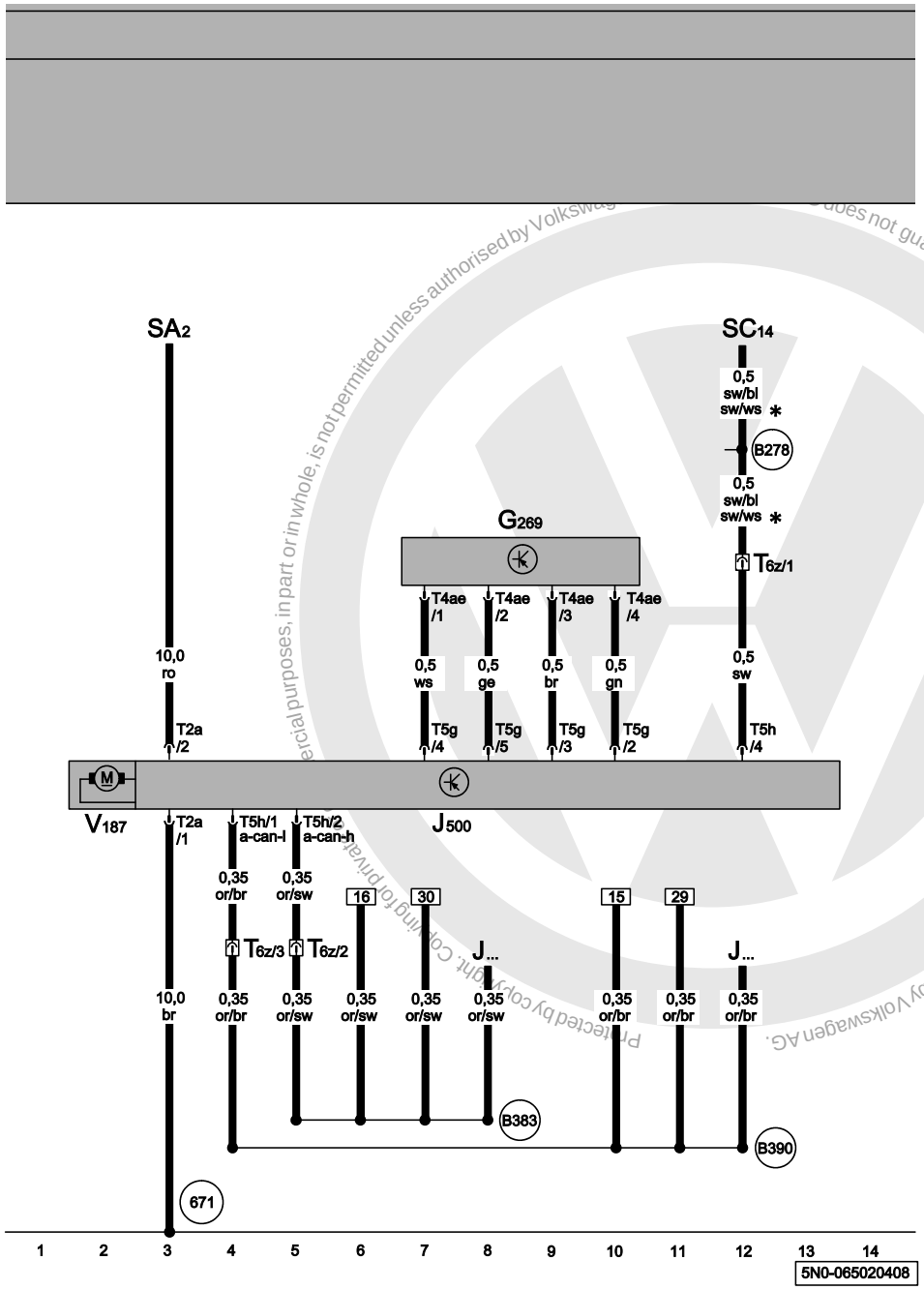
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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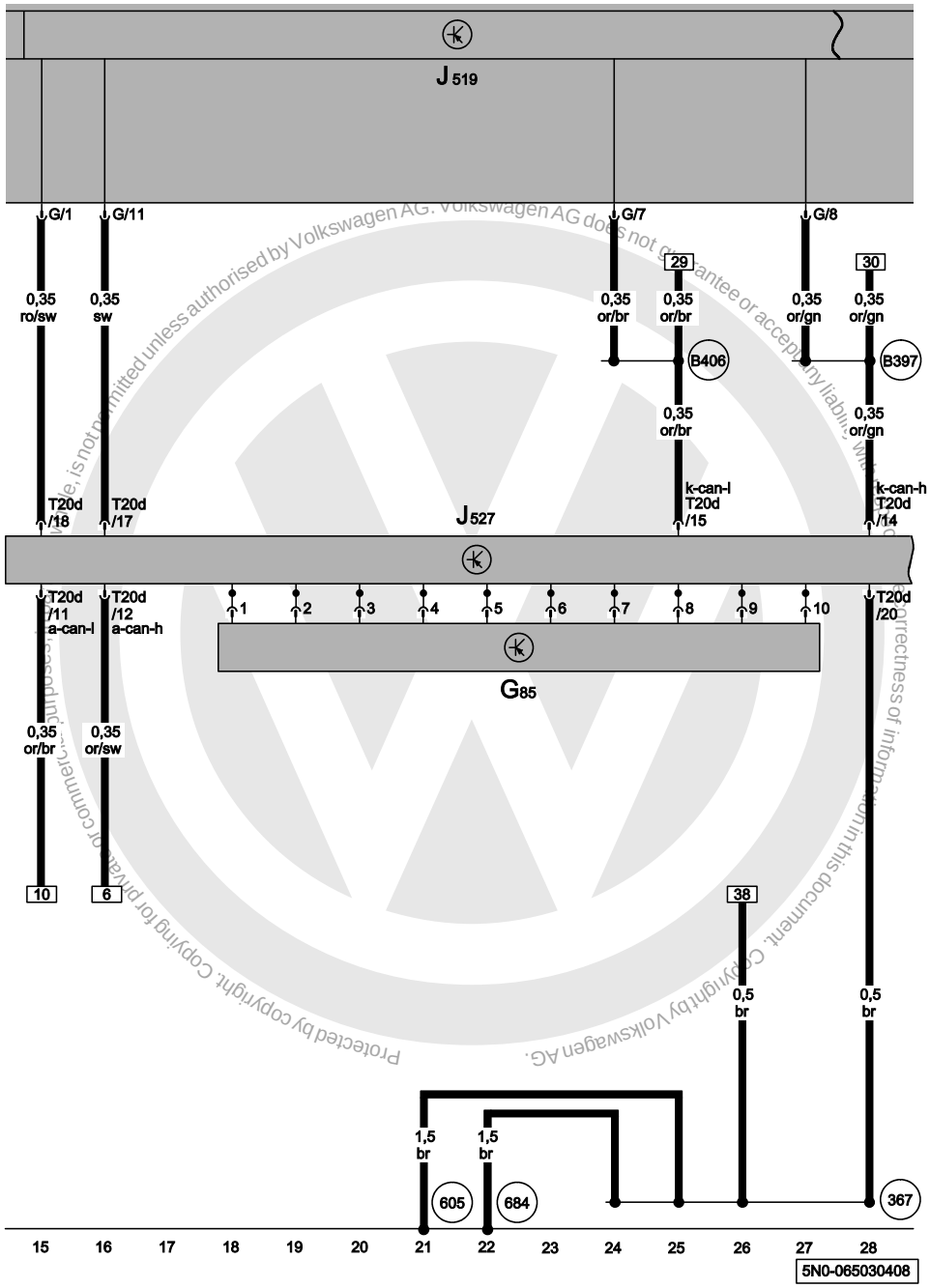


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ro = red
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Steering moment sender, electromechanical power steering motor, fuses, power steering control unit

G269	Steering moment sender
J500	Power steering control unit
J...	Engine control units
SA2	Fuse 2 on fuse holder A
SC14	Fuse 14 on fuse holder C
T2a	2-pin connector, black
T4ae	4-pin connector
T5g	5-pin connector
T5h	5-pin connector
T6z	6-pin connector
V187	Electromechanical power steering motor
671	Earth point 1, on front of left longitudinal member
B278	Connection 2 (15a), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	From May 2008

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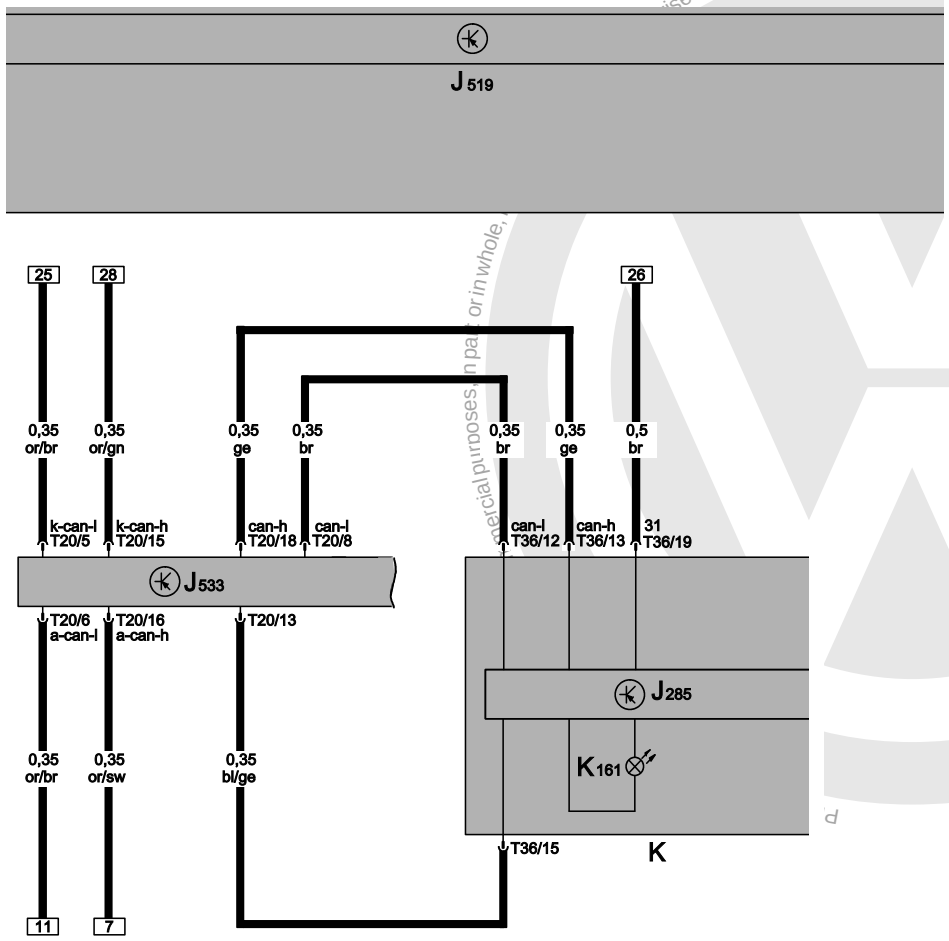
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Steering angle sender, steering column electronics control unit

G85	Steering angle sender
J519	Onboard supply control unit
J527	Steering column electronics control unit
T20d	20-pin connector, black
367	Earth connection 2, in main wiring harness
605	Earth point, on top of steering column
684	Earth point, on front of left side member
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

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Data bus diagnosis interface, warning lamp for electromechanical power steering, dash panel insert

J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnosis interface
K	Dash panel insert
K161	Electromechanical power steering warning lamp
T20	20-pin connector, red
T36	36-pin connector

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gn	=	green
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Radiator fan, infinitely variable speed

From November 2007

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

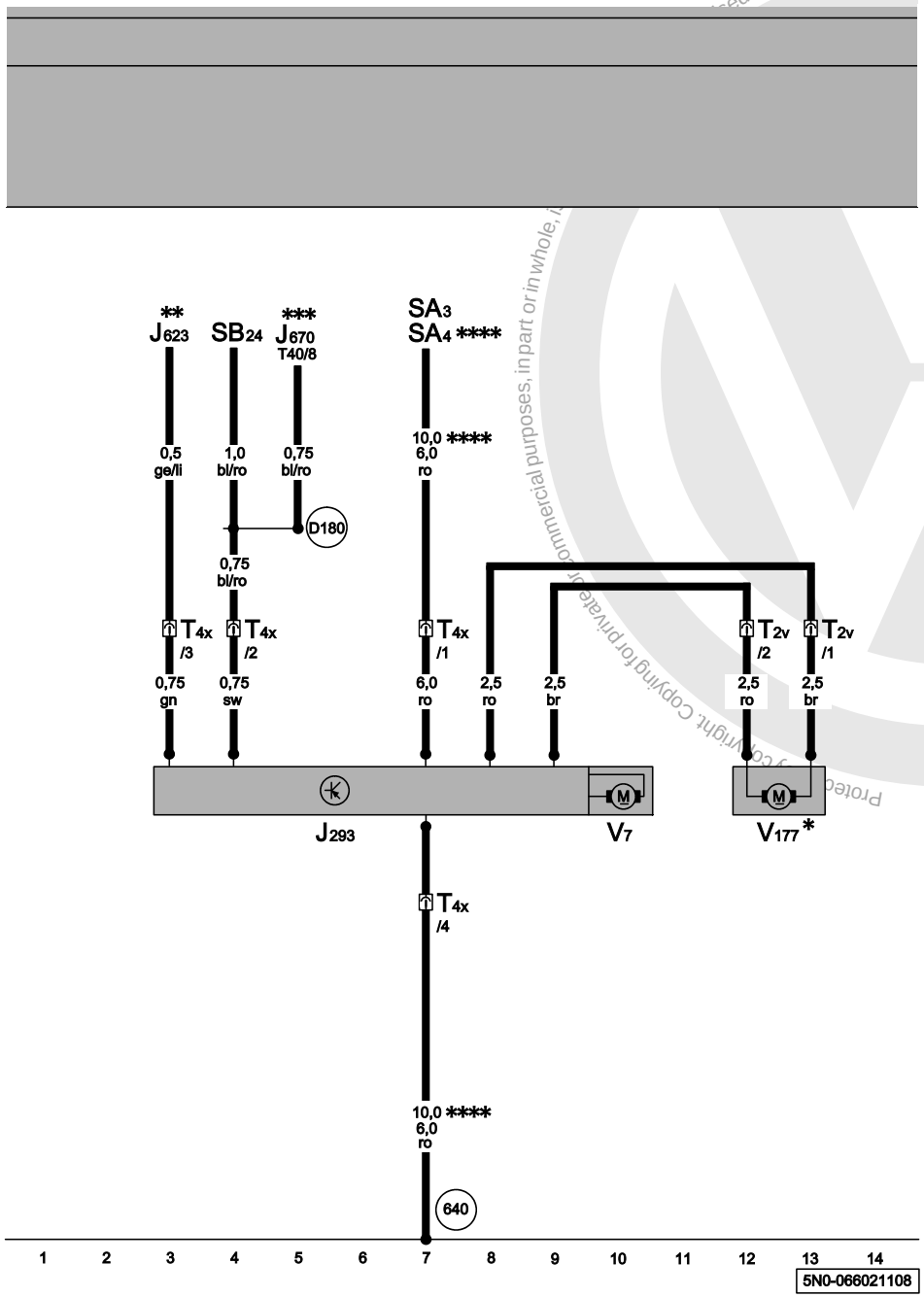
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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Radiator fan, radiator fan control unit

J293	Radiator fan control unit
J623	Engine control unit
J670	Motronic current supply relay 2
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SB24	Fuse 24 on fuse holder B
T2v	2-pin connector, black
T4x	4-pin connector, black
T40	40-pin connector
V7	Radiator fan
V177	Radiator fan 2
(640)	Earth point 2, on left in engine compartment
(D180)	Connection (87a), in engine compartment wiring harness
*	Depends on equipment
**	See respective current flow diagram for engine
***	Only models with 2.0 l petrol engine
****	Only models with 1.4 l petrol engine

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Sound system DYNAUDIO®

From May 2008

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

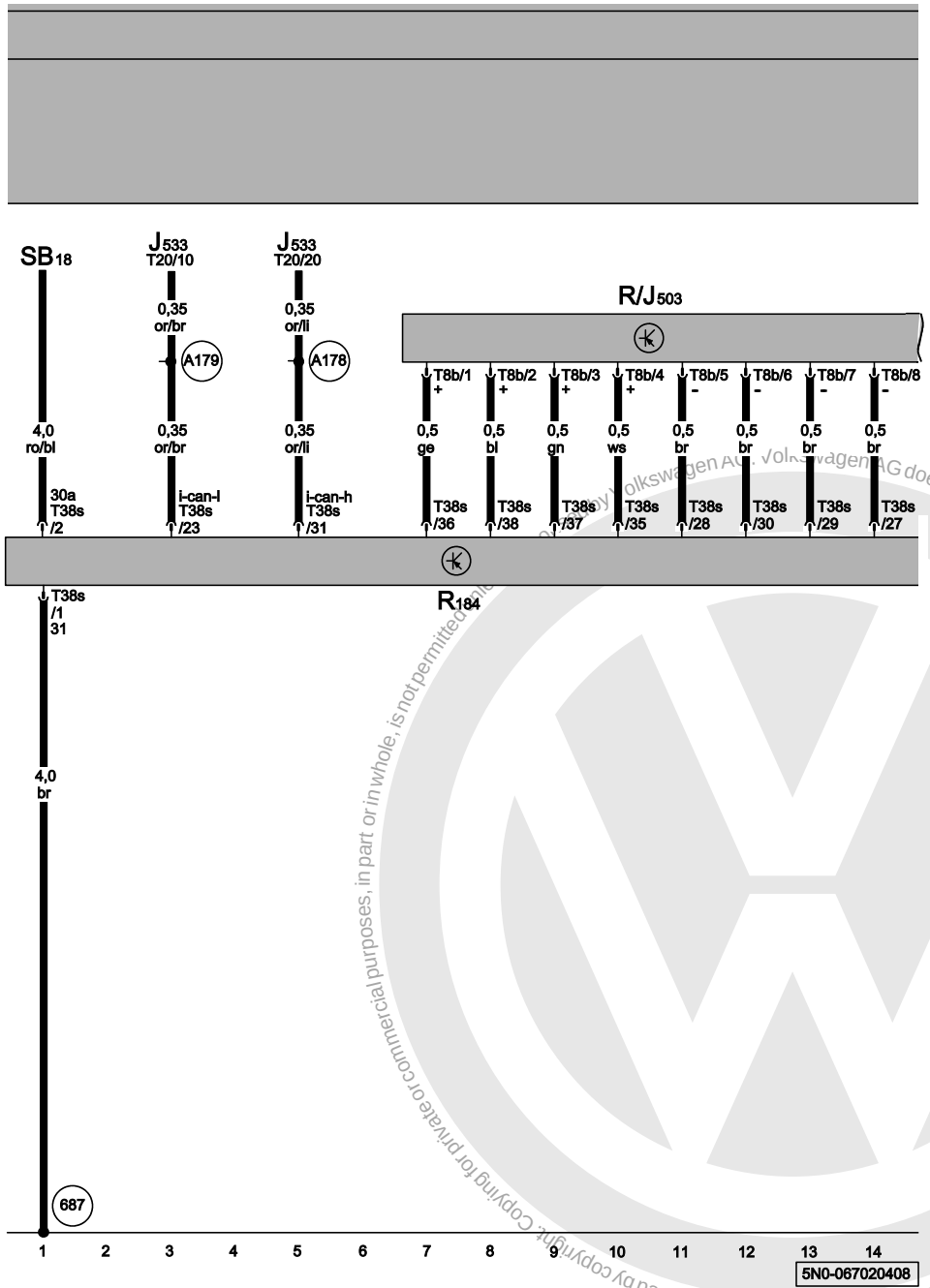
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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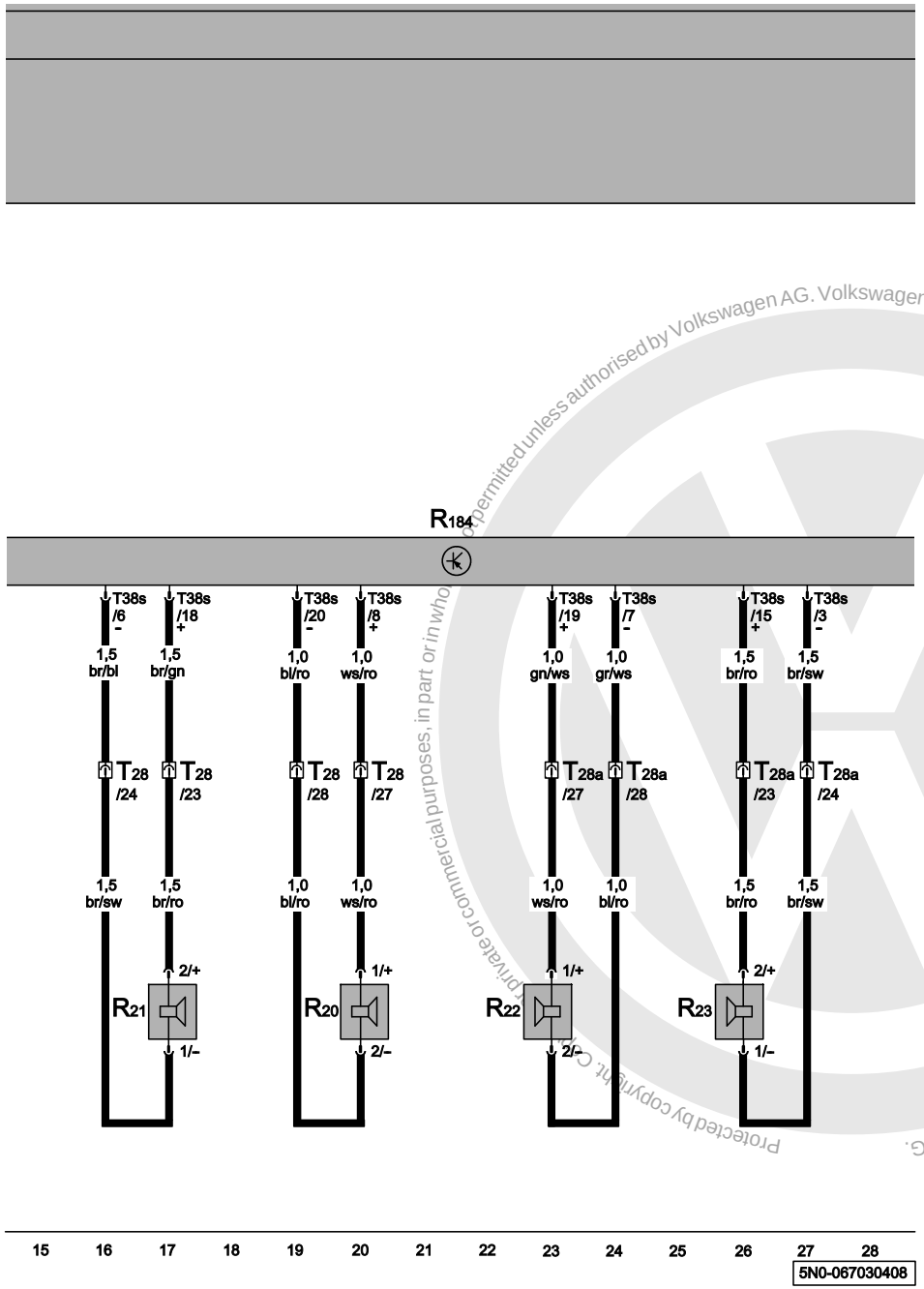
Radio, control unit with display for radio and navigation system, digital sound package amplifier

J503	Control unit with display for radio and navigation
J533	Data bus diagnosis interface
R	Radio
R184	Digital sound package amplifier
SB18	Fuse 18 on fuse holder B
T8b	8-pin connector, brown
T20	20-pin connector, red
T38s	38-pin connector
687	Earth point 2, on centre tunnel
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness

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Front loudspeaker, digital sound package amplifier

R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R184	Digital sound package amplifier
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
T38s	38-pin connector

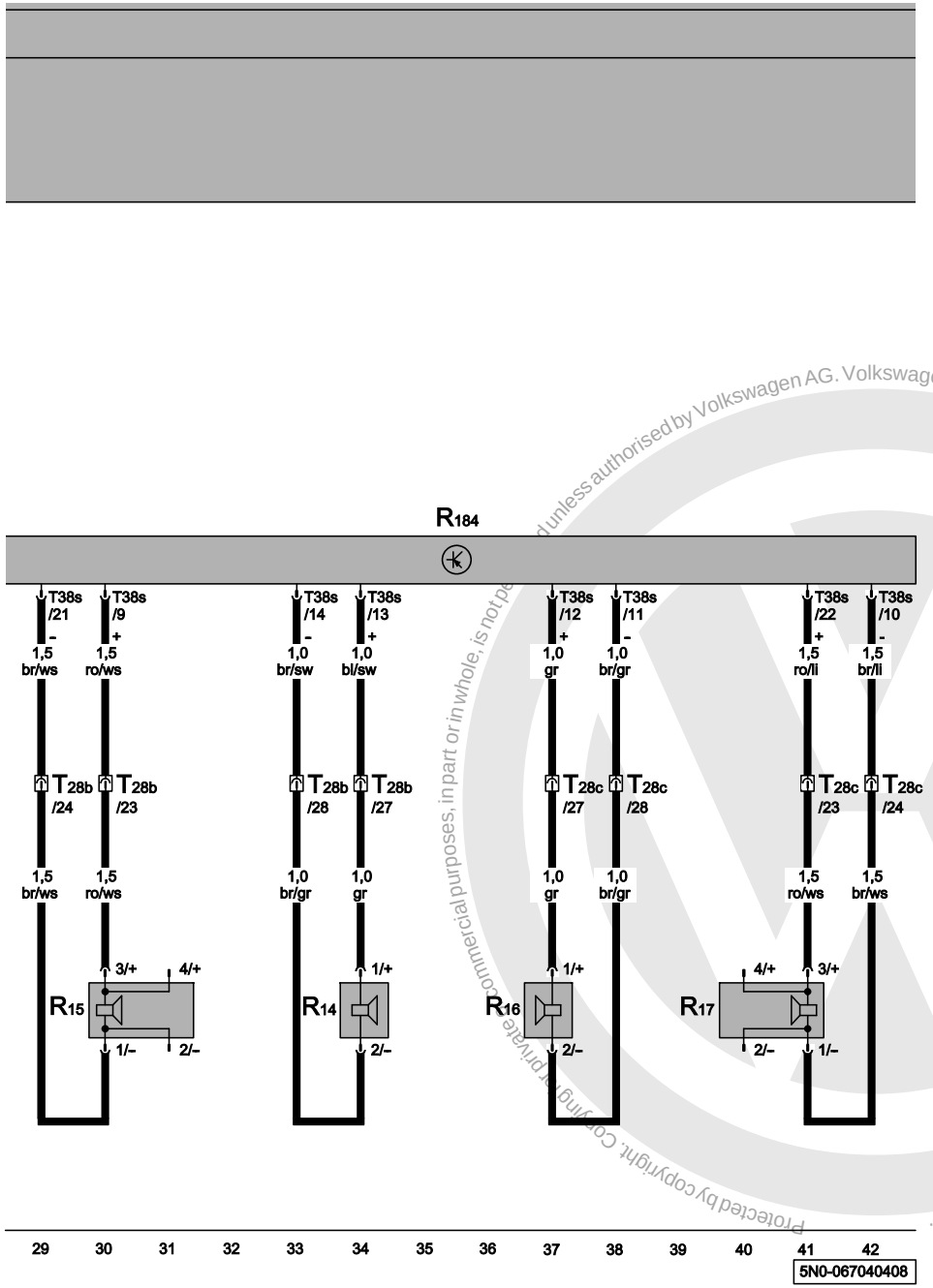


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Rear loudspeaker, digital sound package amplifier

R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R184	Digital sound package amplifier
T28b	28-pin connector, behind left B-pillar trim
T28c	28-pin connector, behind right B-pillar trim
T38s	38-pin connector



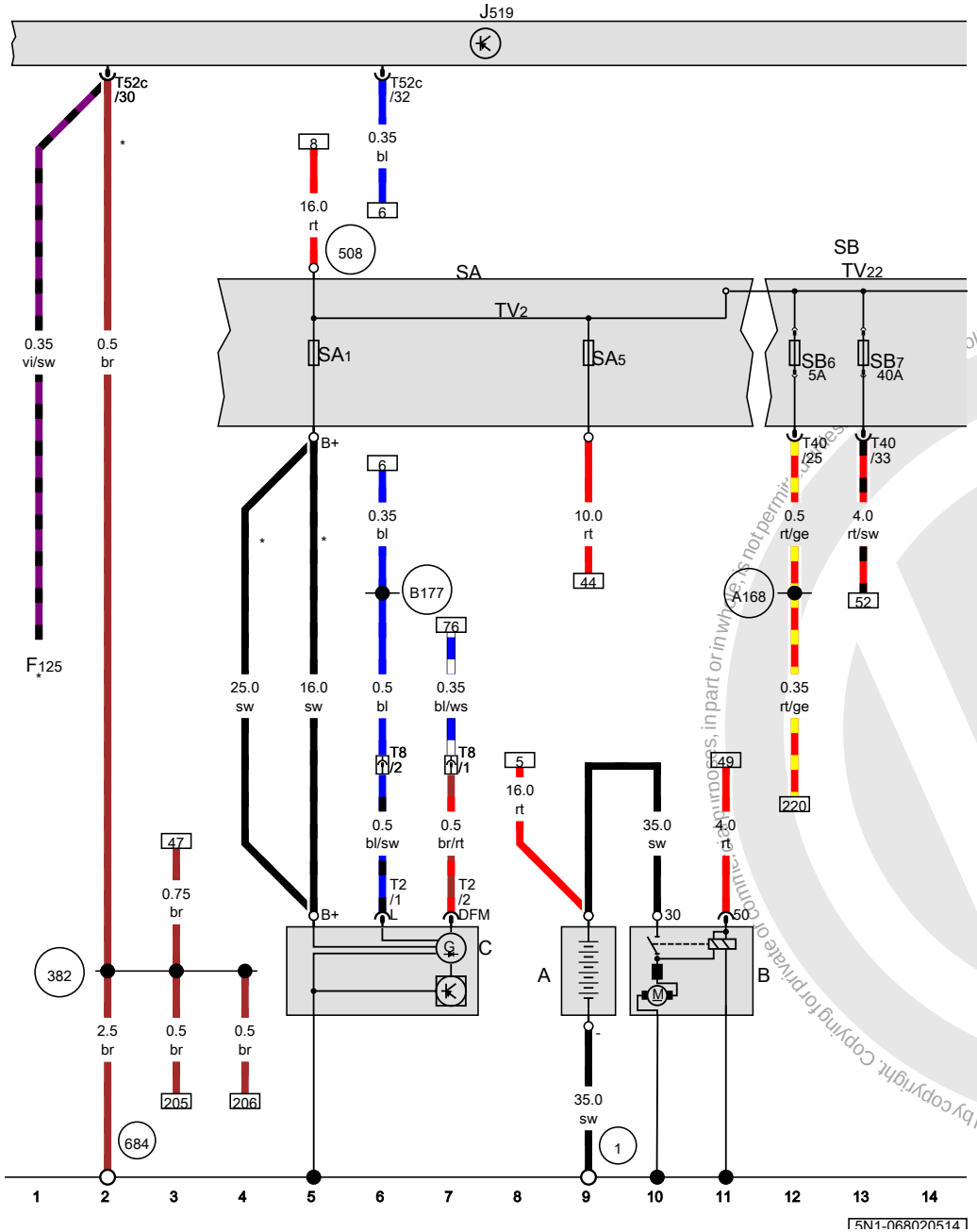
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2.0l petrol engine , CAWA,CAWB

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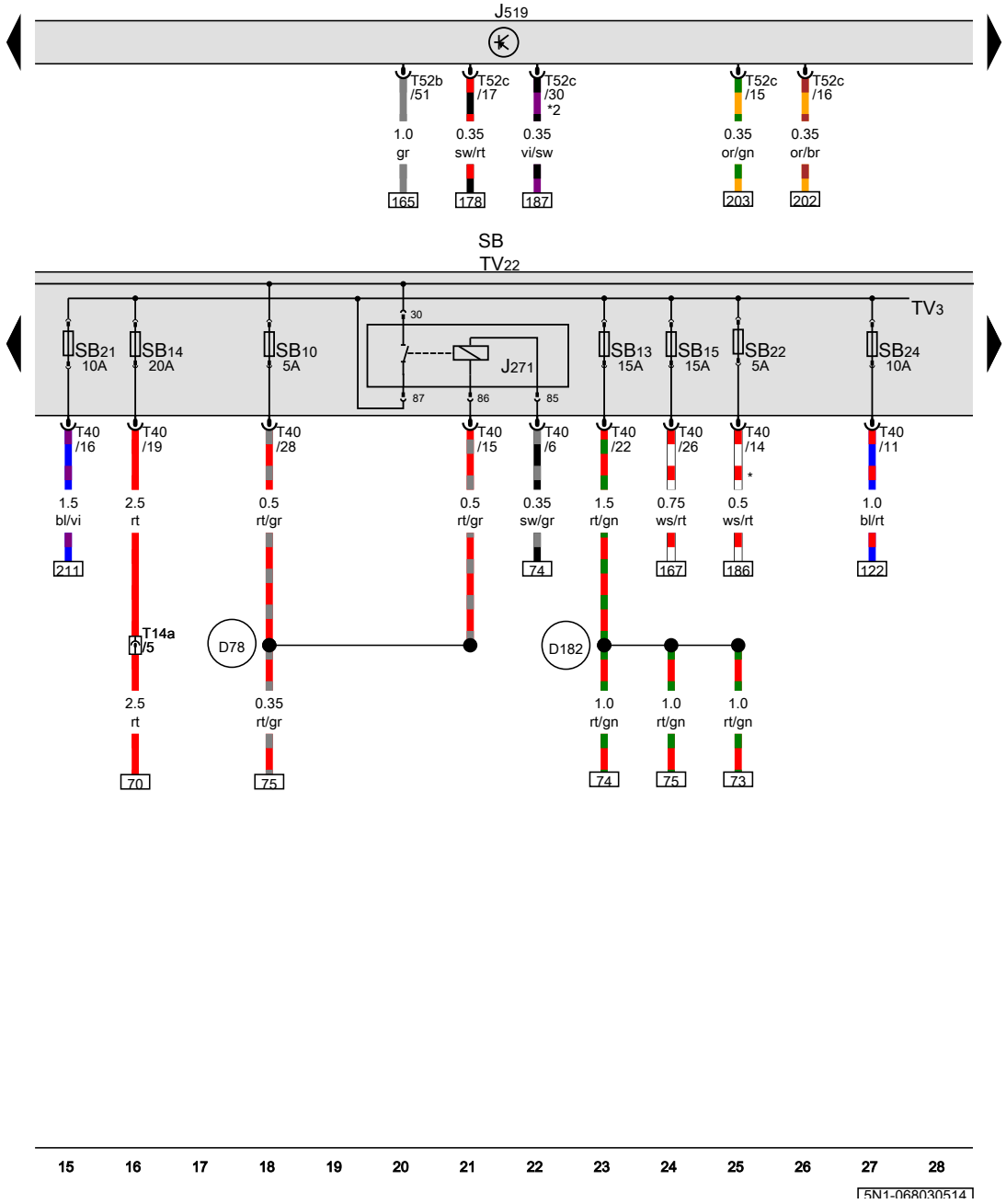


Alternator, Onboard supply control unit, Fuse holder A, Fuse holder B

A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
T2	2-pin connector
TV2	Terminal 30 wiring junction
T8	8-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
T52c	52-pin connector
1	Earth strap, battery - body
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
684	Earth point on front of left side member
A168	Positive connection 4 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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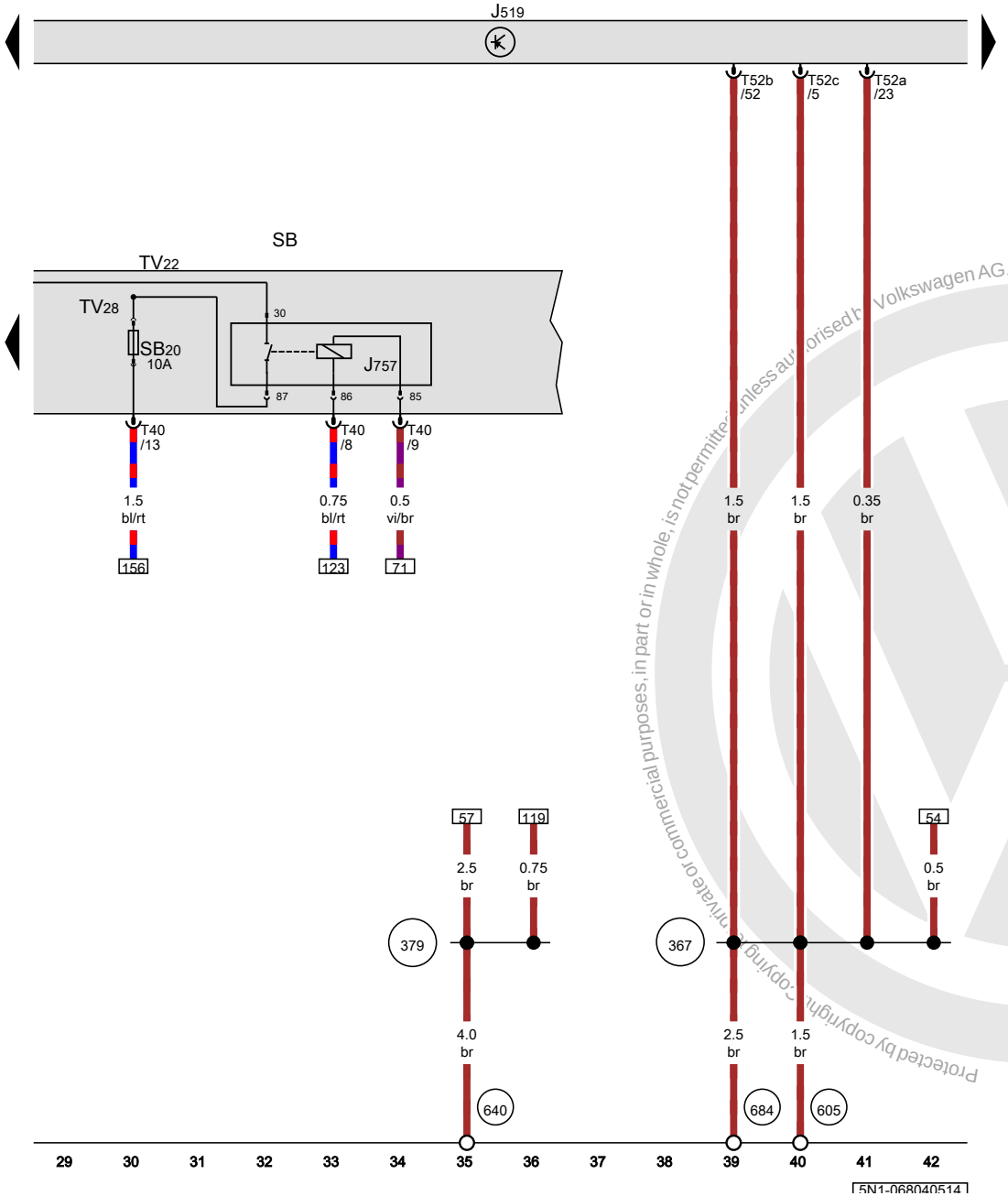


Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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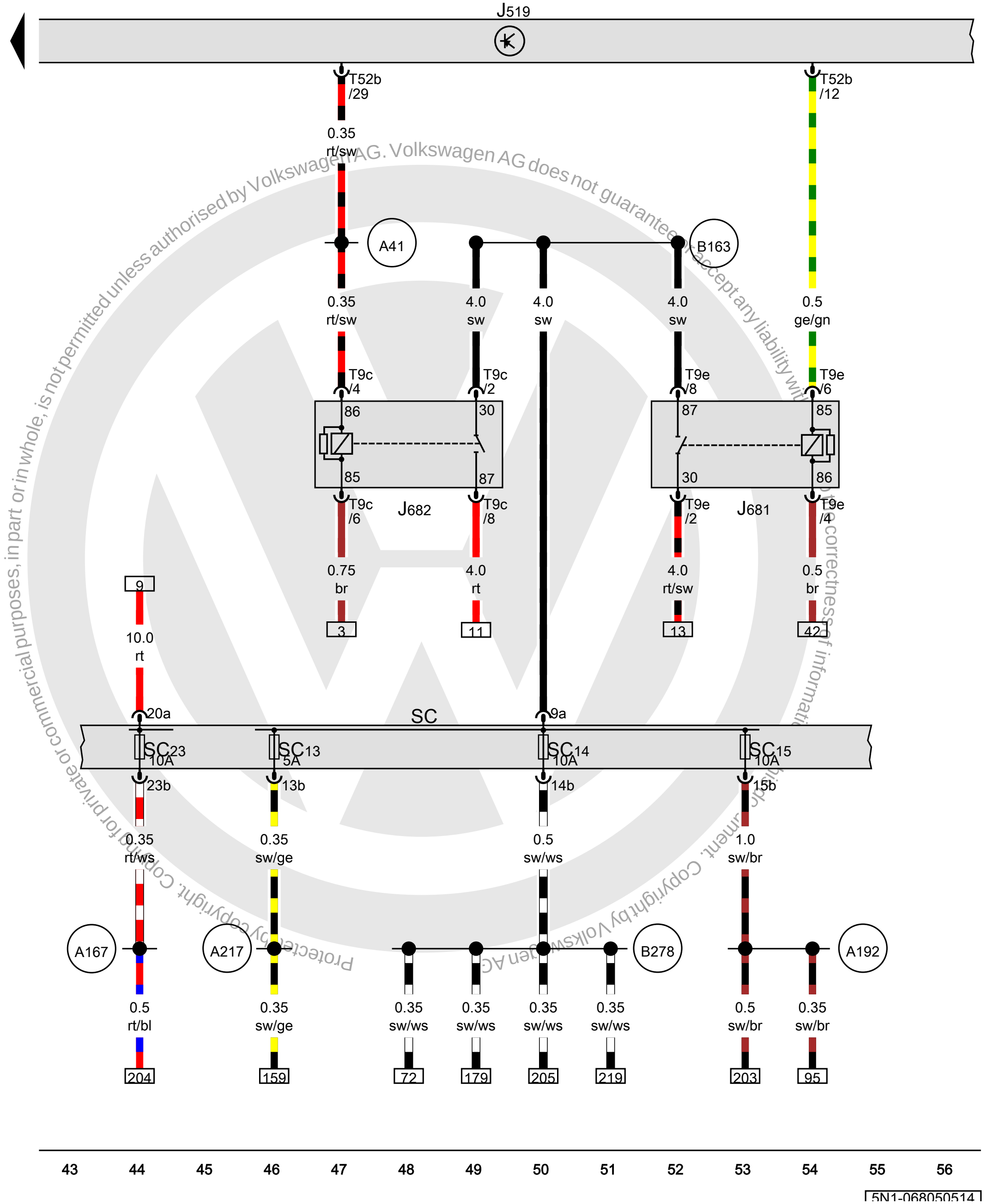
Onboard supply control unit, Engine component current supply relay, Fuse holder B

J519	Onboard supply control unit
J757	Engine component current supply relay
SB	Fuse holder B
SB20	Fuse 20 on fuse holder B
TV22	Terminal 30 wiring junction 2
TV28	Terminal 30 wiring junction 3
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
379	Earth connection 14, in main wiring harness
605	Earth point, on top end of steering column
640	Earth point 2, left in engine compartment
684	Earth point on front of left side member

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C



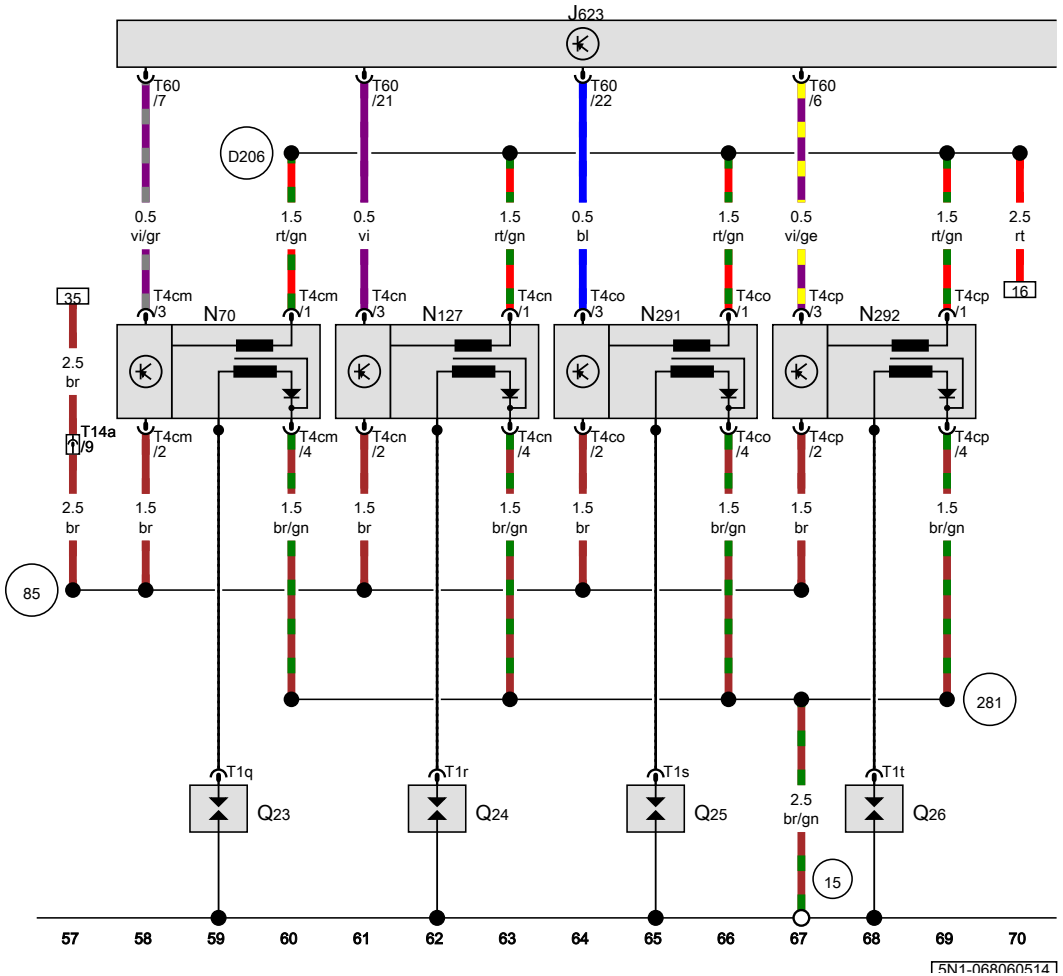
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J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
T9c	9-pin connector
T9e	9-pin connector
T52b	52-pin connector
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness

ws	=	white
sw	=	black
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rt	=	red
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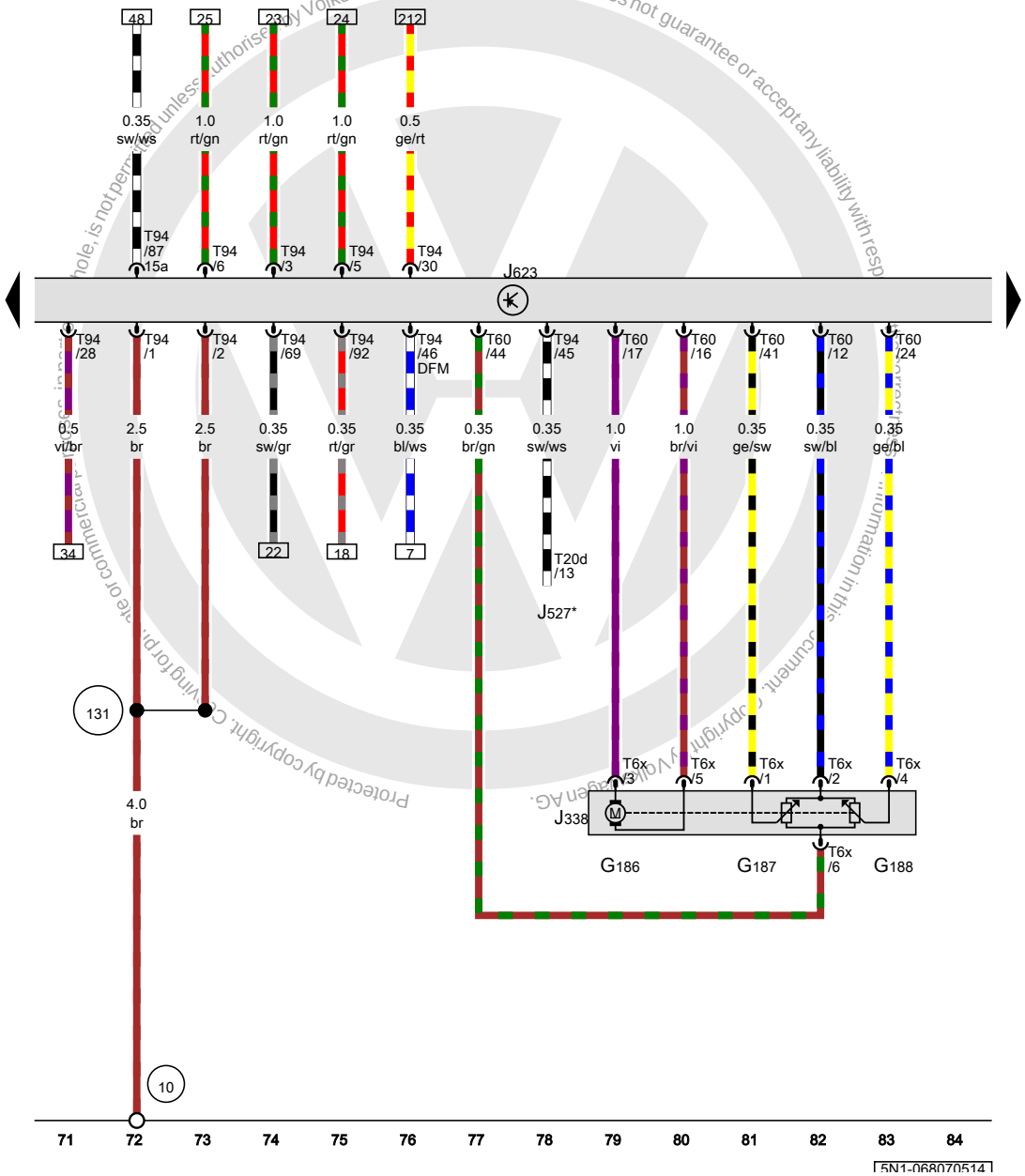
Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T1q	Single connector
T1r	Single connector
T1s	Single connector
T1t	Single connector
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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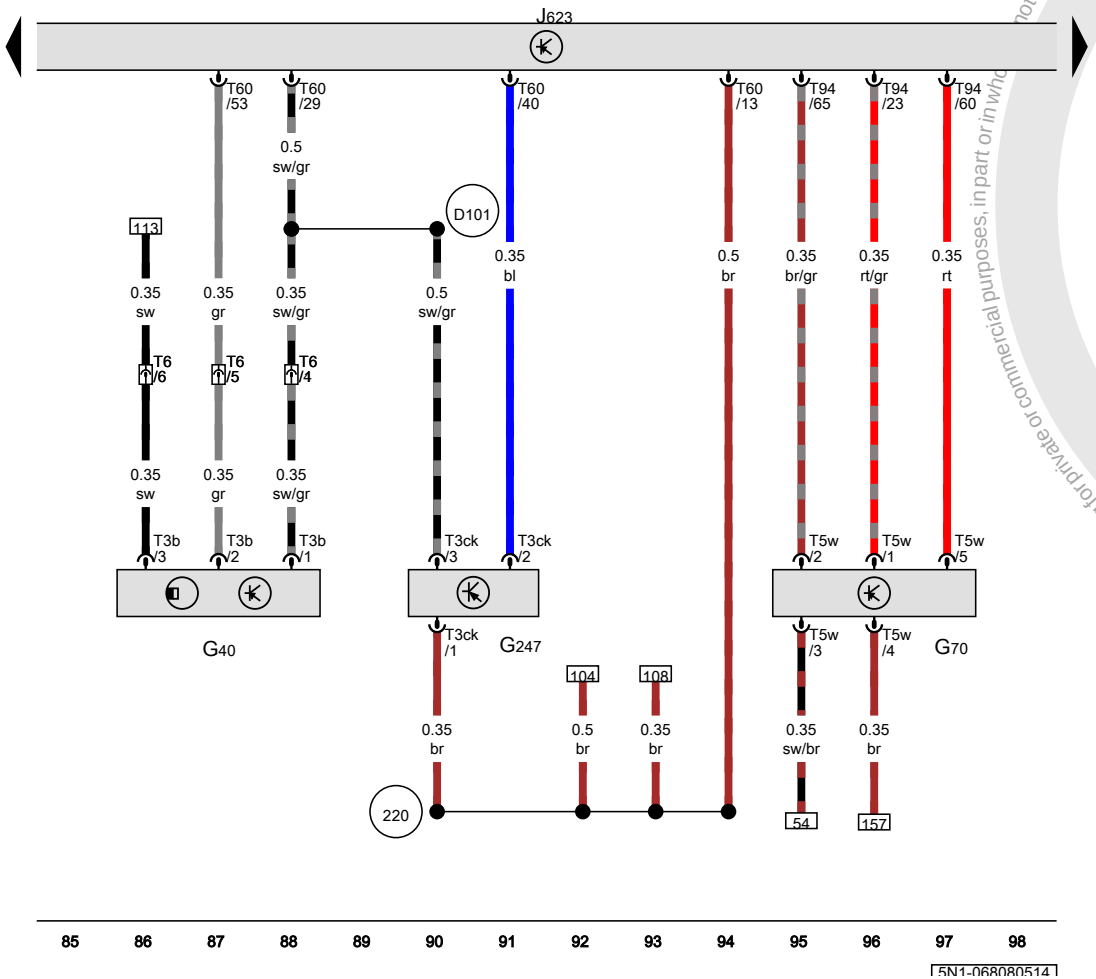
Throttle valve module, Engine control unit

G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J527	Steering column electronics control unit
J623	Engine control unit
T6x	6-pin connector
T20d	20-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Air mass meter, Fuel pressure sender, Engine control unit

G40	Hall sender
G70	Air mass meter
G247	Fuel pressure sender
J623	Engine control unit
T3b	3-pin connector
T3ck	3-pin connector
T5w	5-pin connector
T6	6-pin connector
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

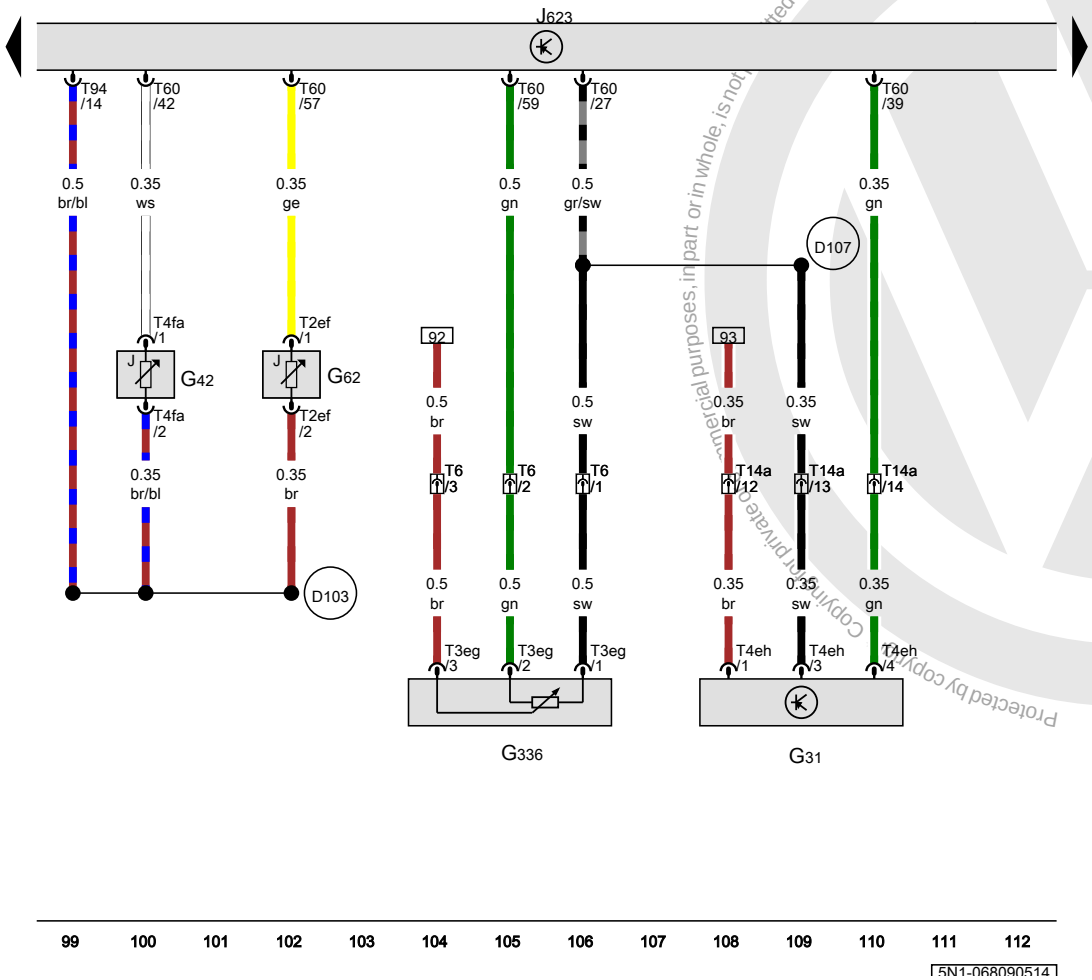


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Charge pressure sender, Intake air temperature sender, Coolant temperature sender, Engine control unit

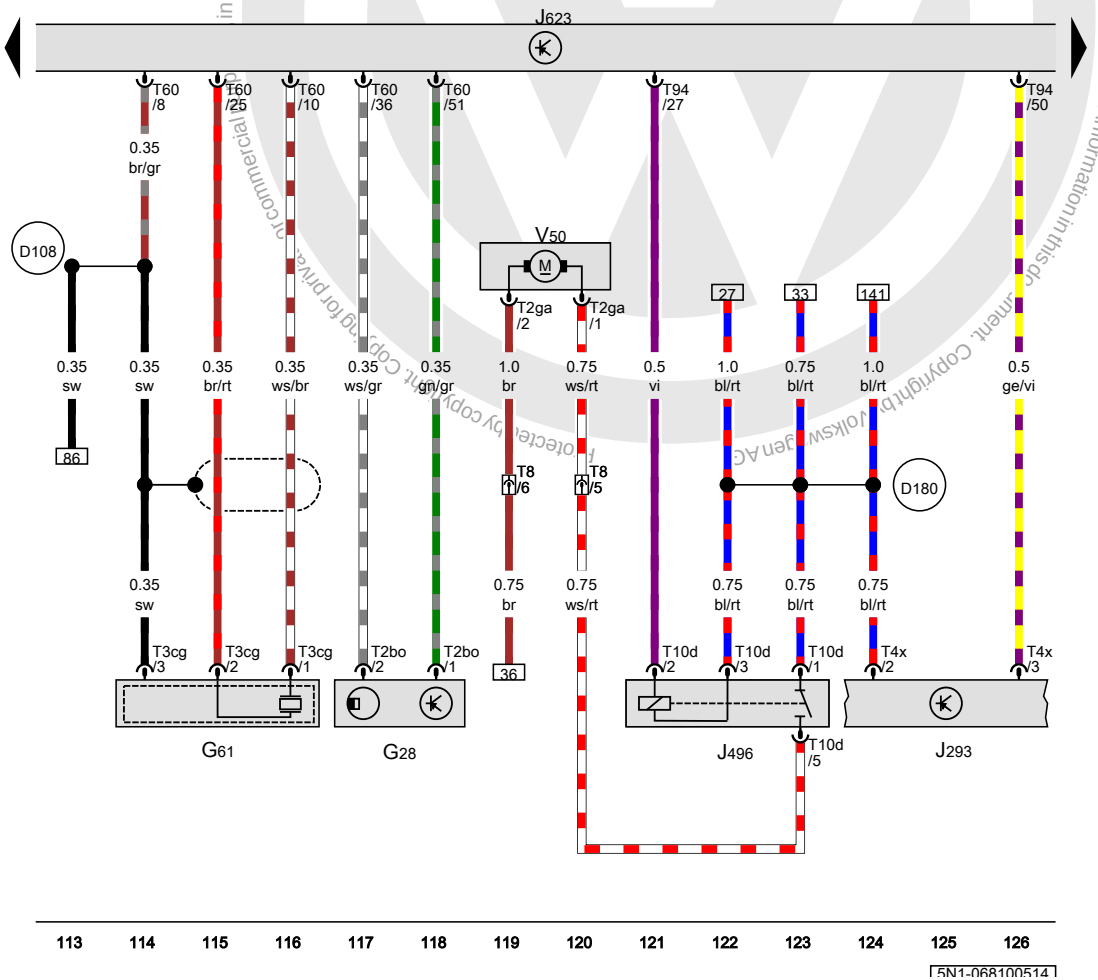
G31	Charge pressure sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
T2ef	2-pin connector
T3eg	3-pin connector
T4eh	4-pin connector
T4fa	4-pin connector
T6	6-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
D103	Connection 3 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness



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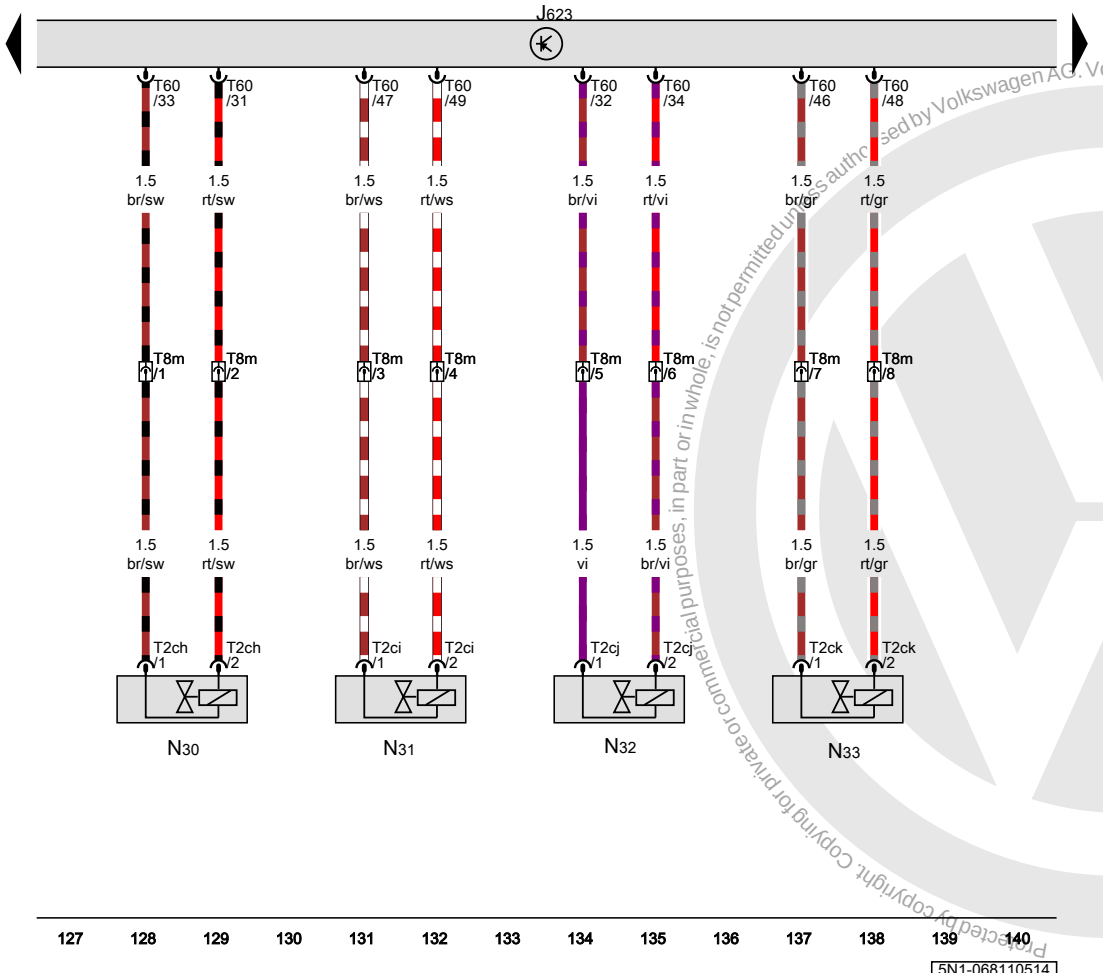
Engine speed sender, Knock sensor 1, Radiator fan control unit, Additional coolant pump relay, Engine control unit, Coolant circulation pump

G28	Engine speed sender
G61	Knock sensor 1
J293	Radiator fan control unit
J496	Additional coolant pump relay
J623	Engine control unit
T2bo	2-pin connector
T2ga	2-pin connector
T3cg	3-pin connector
T4x	4-pin connector
T8	8-pin connector
T10d	10-pin connector
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
D108	Connection 6 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T8m	8-pin connector
T60	60-pin connector

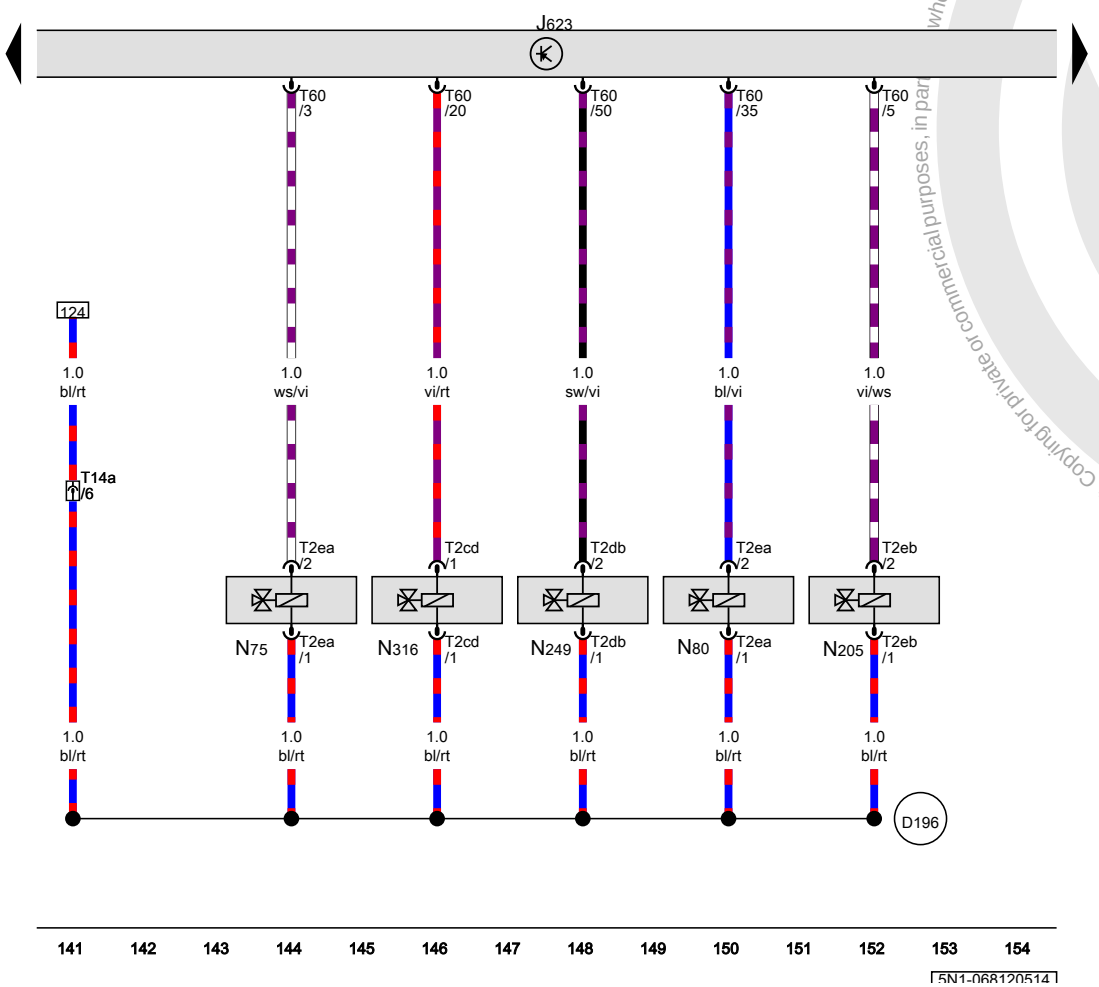


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ge	=	yellow
or	=	orange
rs	=	pink

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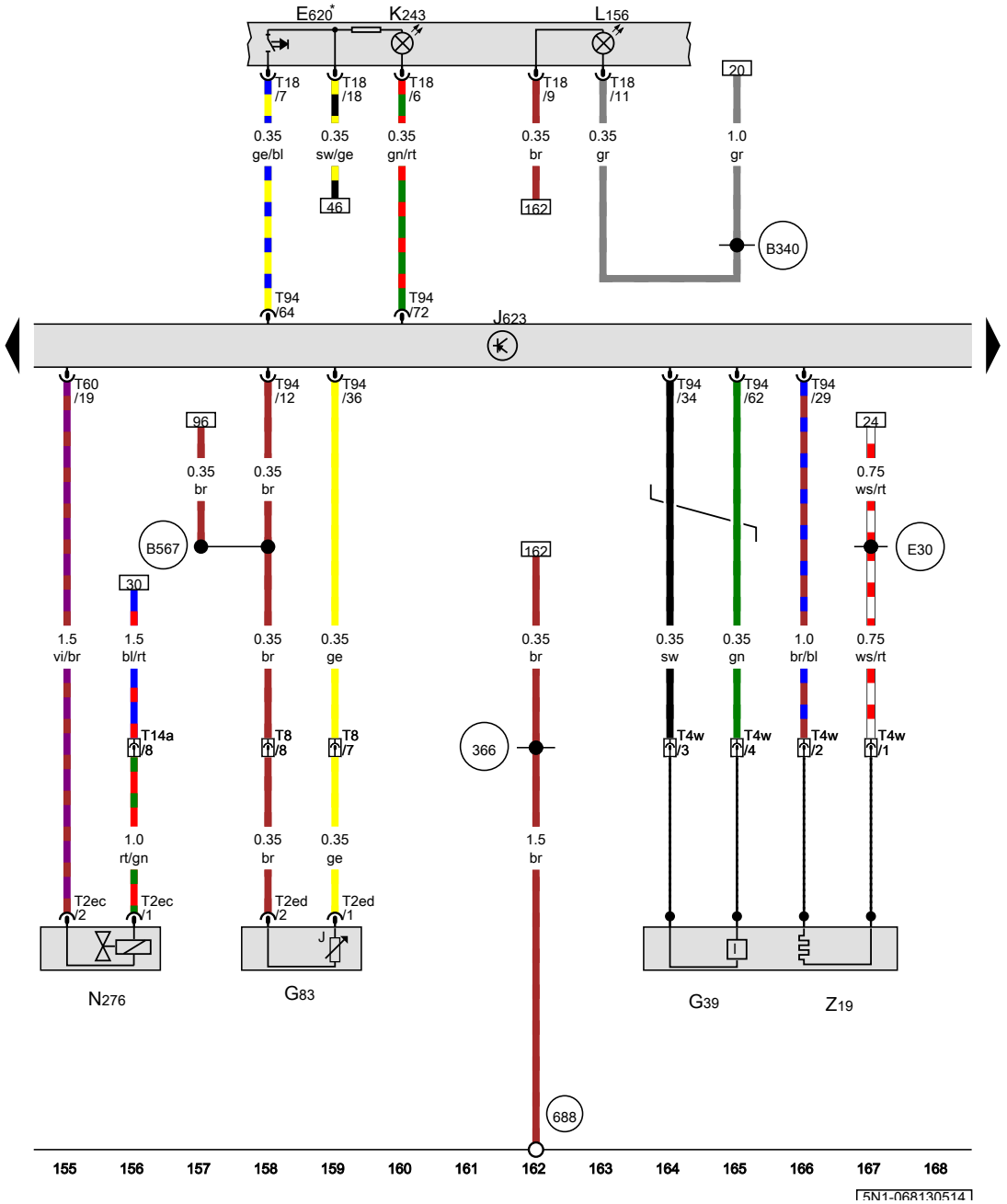
Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T2cd	2-pin connector
T2db	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T14a	14-pin connector
T60	60-pin connector
D196	Connection 2 (87a) in engine prewiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

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Lambda probe, Radiator outlet coolant temperature sender, Engine control unit, Fuel pressure regulating valve

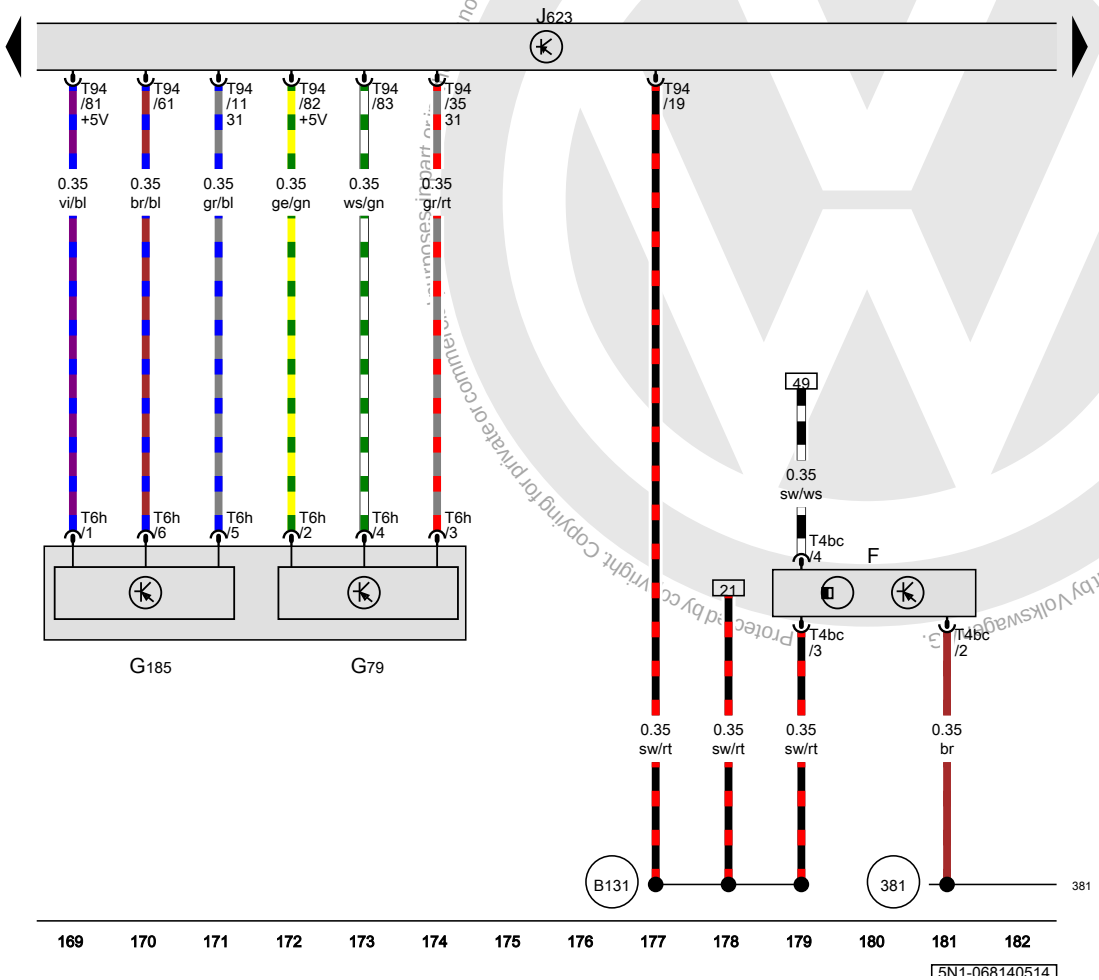
E620	Multifunction module
G39	Lambda probe
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N276	Fuel pressure regulating valve
T2ec	2-pin connector
T2ed	2-pin connector
T4w	4-pin connector
T8	8-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
Z19	Lambda probe heater
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
B567	Connection 34, in main wiring harness
E30	Connection (87a), in engine wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Brake light switch, Accelerator position sender, Accelerator position sender 2, Engine control unit

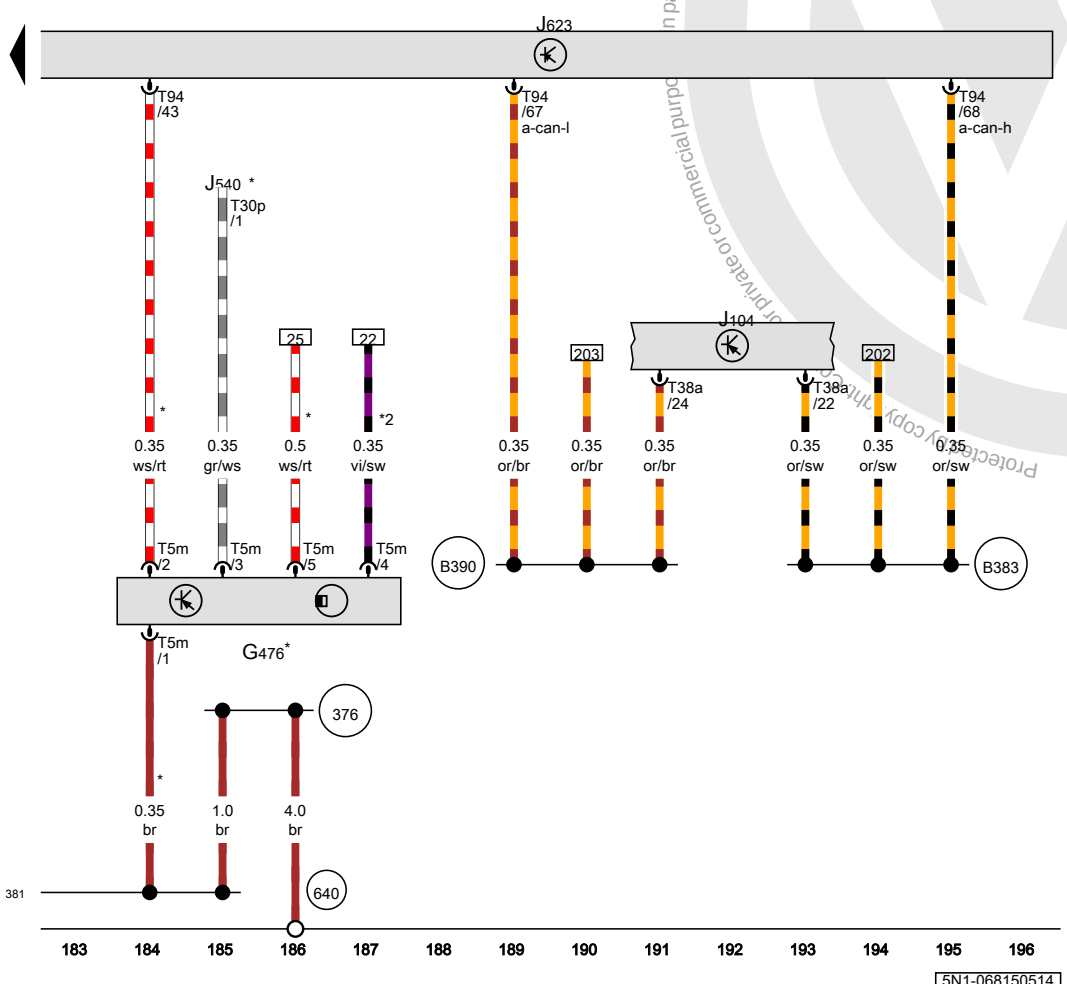
F	Brake light switch
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T4bc	4-pin connector
T6h	6-pin connector
T94	94-pin connector
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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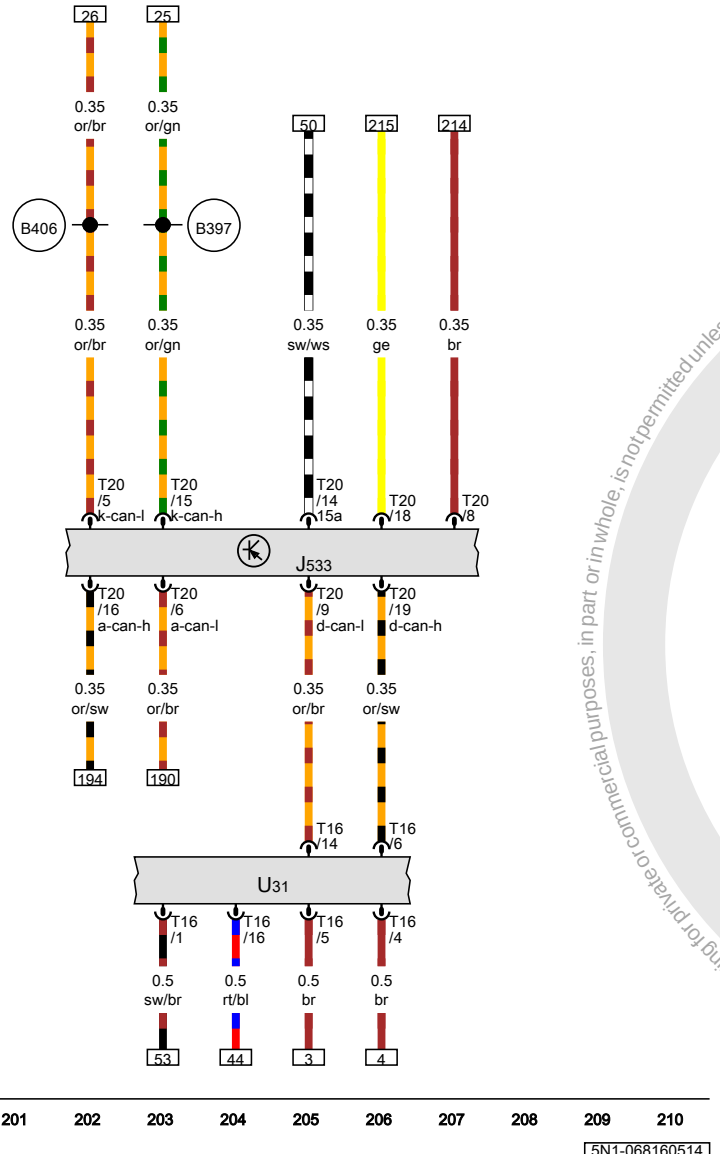
Clutch position sender, Engine control unit

G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5m	5-pin connector
T30p	30-pin connector
T38a	38-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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rs	=	pink

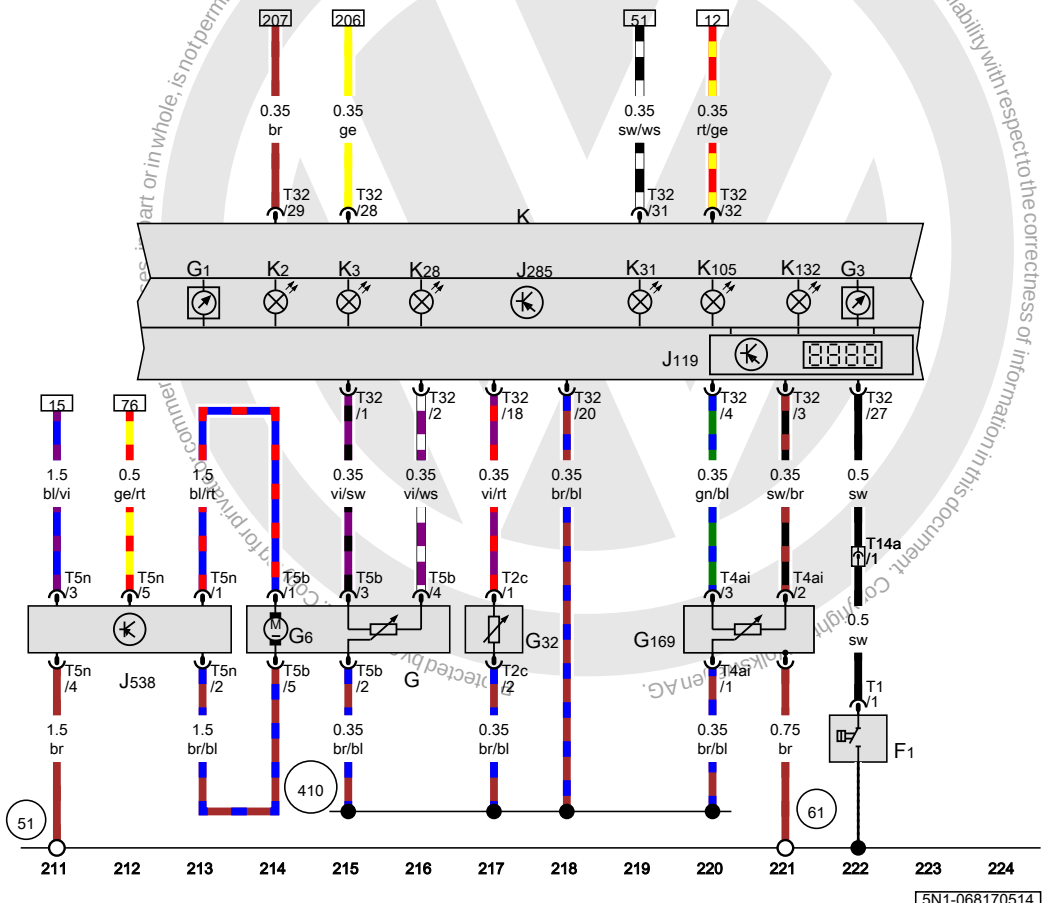
Data bus diagnostic interface, Diagnostic connection

J533	Data bus diagnostic interface
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

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rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

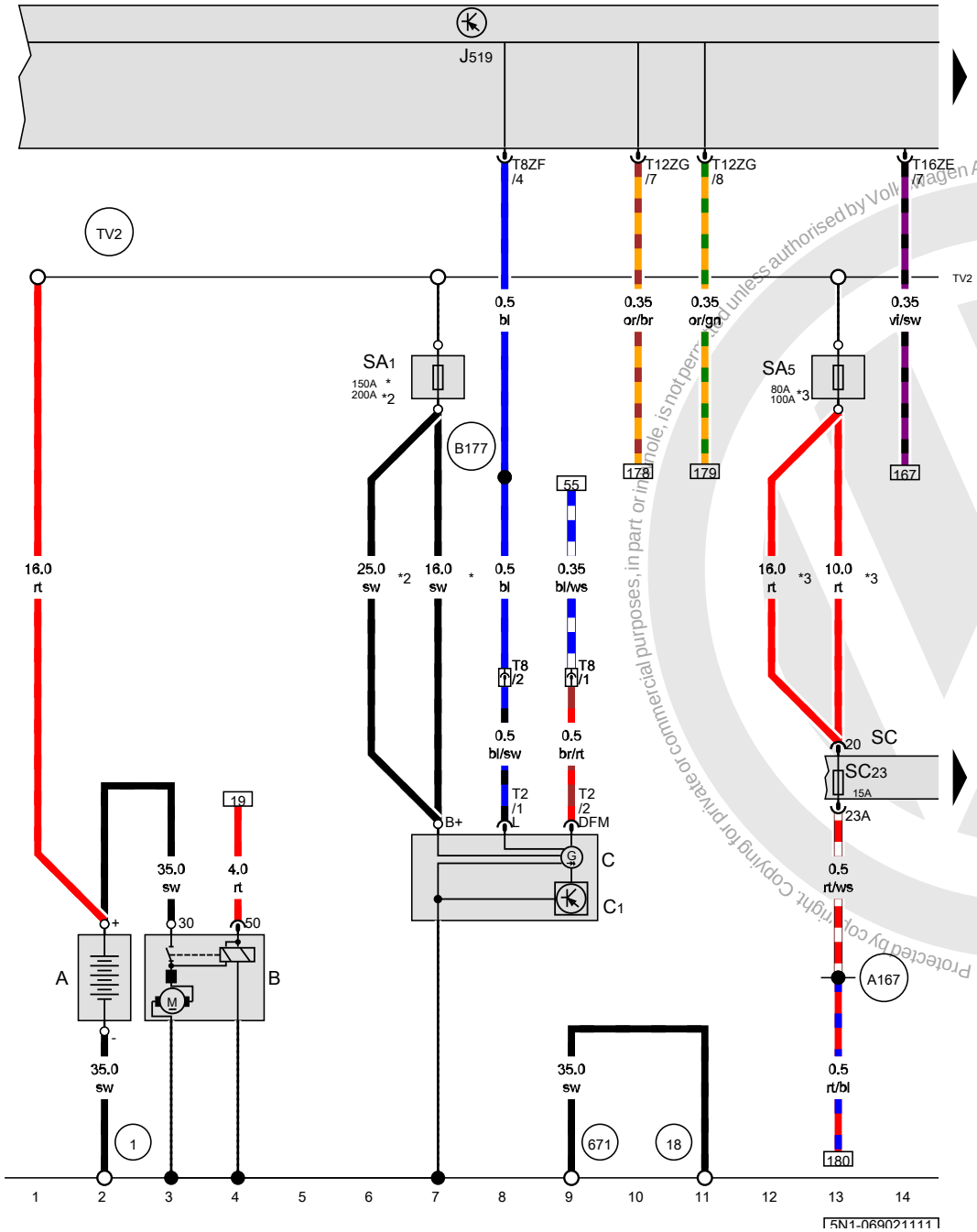
F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
K132	Electronic power control fault lamp
T1	Single connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness

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2.0l petrol engine , CAWA,CAWB

From May 2008

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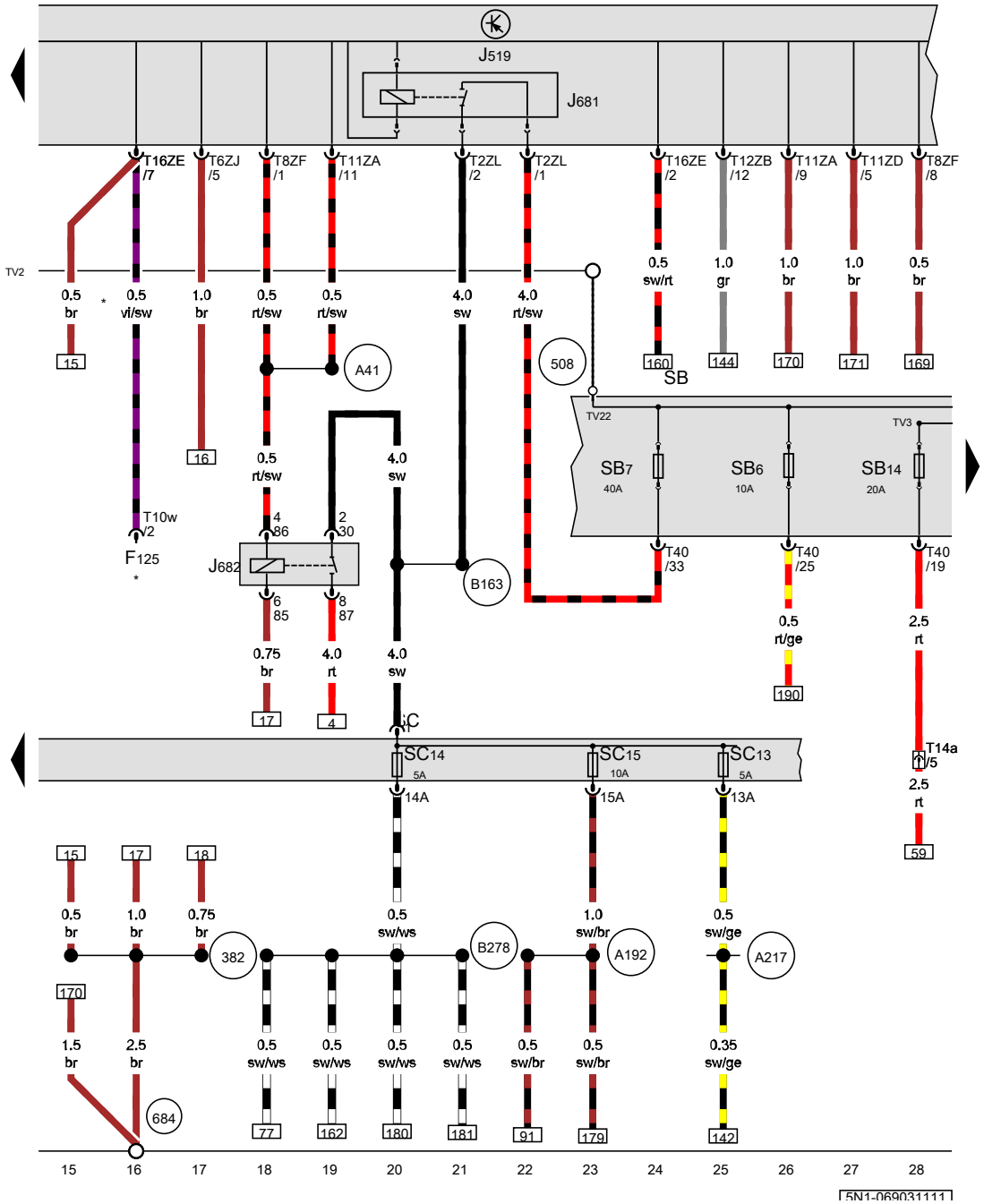


Battery, Starter, Alternator, Onboard supply control unit, Fuse holder C

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SC	Fuse holder C
SC23	Fuse 23 on fuse holder C
T2	2-pin connector
T8	8-pin connector
T8ZF	8-pin connector
T12ZG	12-pin connector
T16ZE	16-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
671	Earth point 1, on front of left longitudinal member
A167	Positive connection 3 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
TV2	Terminal 30 wiring junction
*	Only models with 90 A/ 110 A alternator
*2	Only models with 140A alternator
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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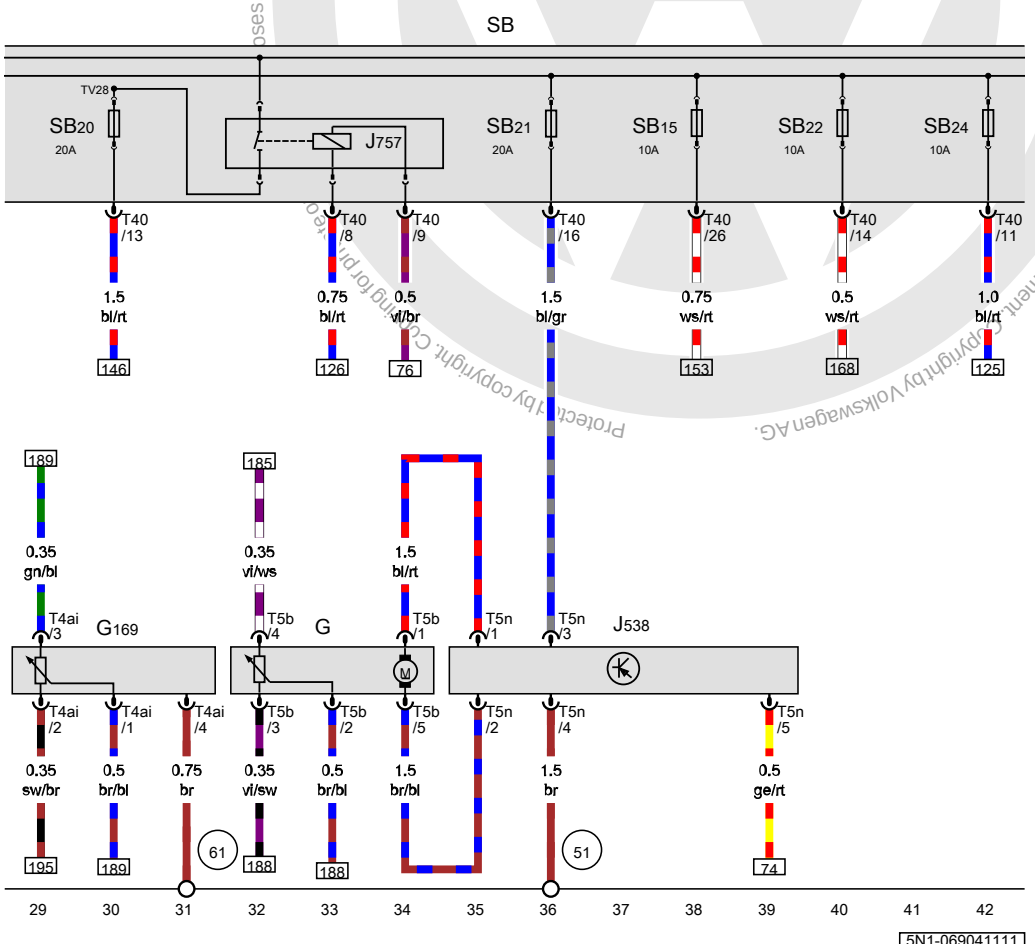
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder B, Fuse holder C

F125	Multifunction switch
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SB14	Fuse 14 on fuse holder B
SC15	Fuse 15 on fuse holder C
T2ZL	2-pin connector
T6ZJ	6-pin connector
T8ZF	8-pin connector
T10w	10-pin connector
T11ZA	11-pin connector
T11ZD	11-pin connector
T12ZB	12-pin connector
T14a	14-pin connector
T16ZE	16-pin connector
T40	40-pin connector
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
684	Earth point on front of left side member
A41	Positive connection (50), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
TV2	Terminal 30 wiring junction
*	According to equipment

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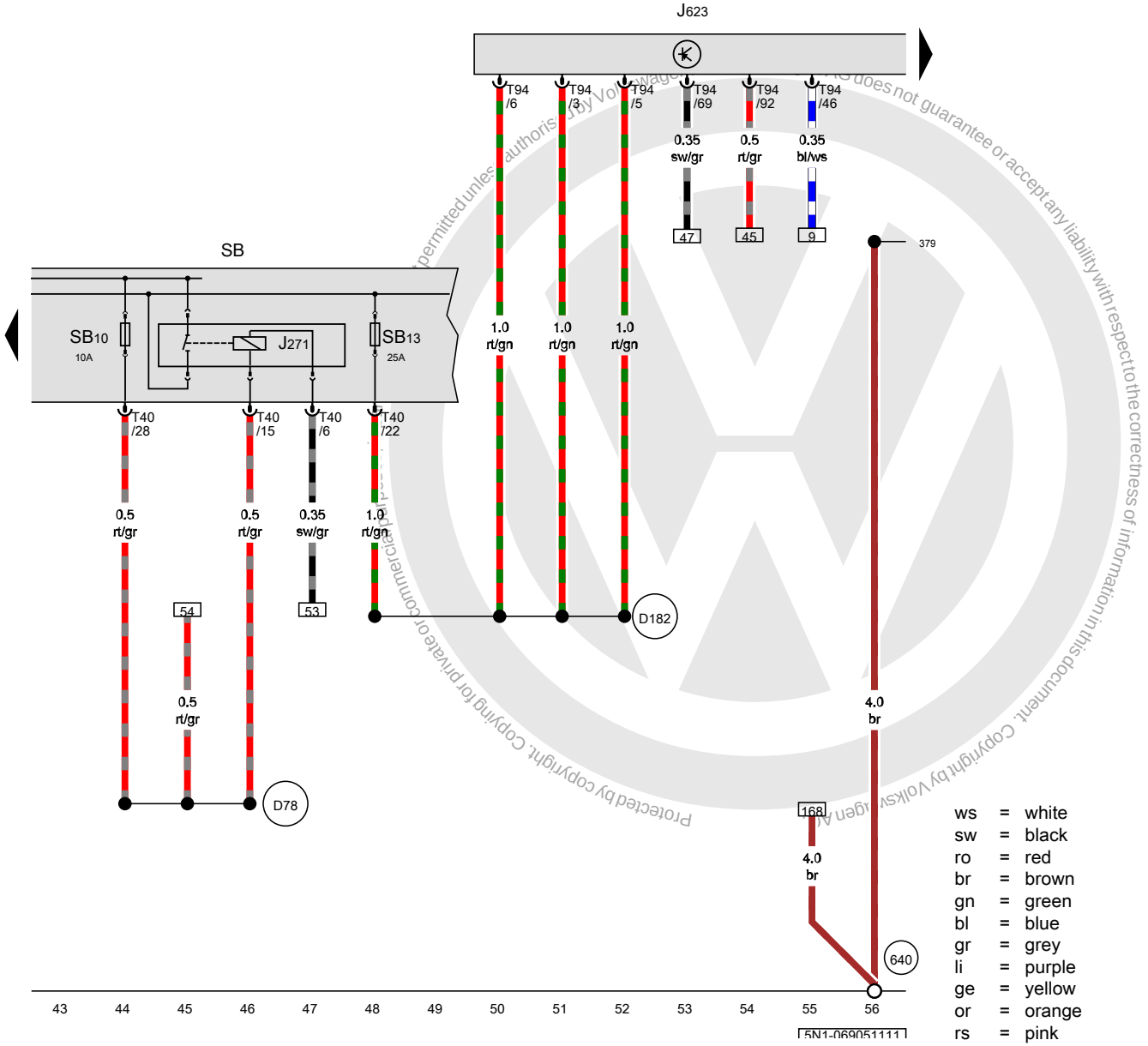
Fuel gauge sender, Fuel gauge sender 2, Fuel pump control unit, Engine component current supply relay, Fuse holder B

G	Fuel gauge sender
G169	Fuel gauge sender 2
J538	Fuel pump control unit
J757	Engine component current supply relay
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB24	Fuse 24 on fuse holder B
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T40	40-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

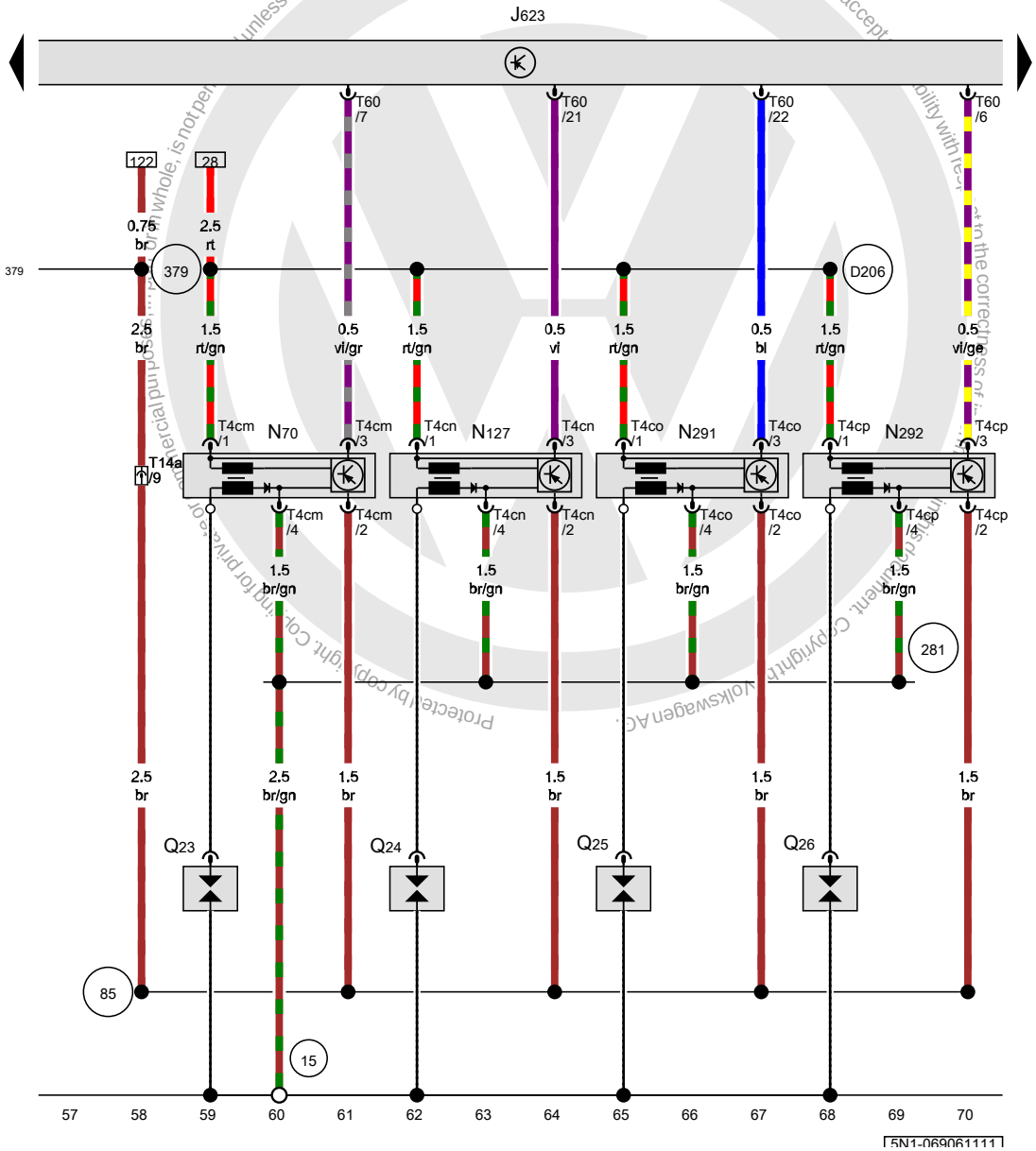
Main relay, Engine control unit, Fuse holder B

J271	Main relay
J623	Engine control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
T40	40-pin connector
T94	94-pin connector
379	Earth connection 14, in main wiring harness
640	Earth point 2, left in engine compartment
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

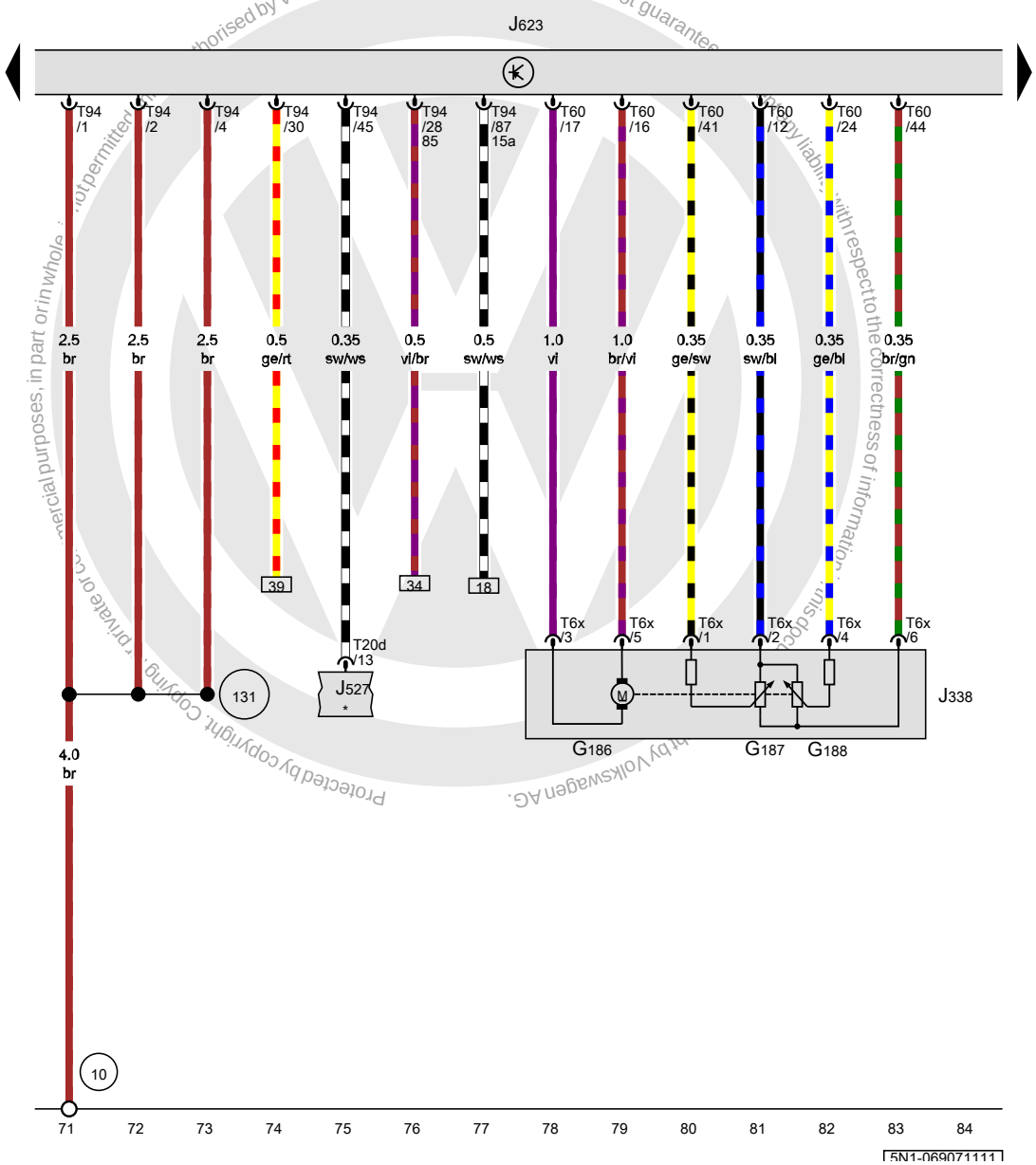
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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
379	Earth connection 14, in main wiring harness
D206	Connection 4 (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
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rs	=	pink



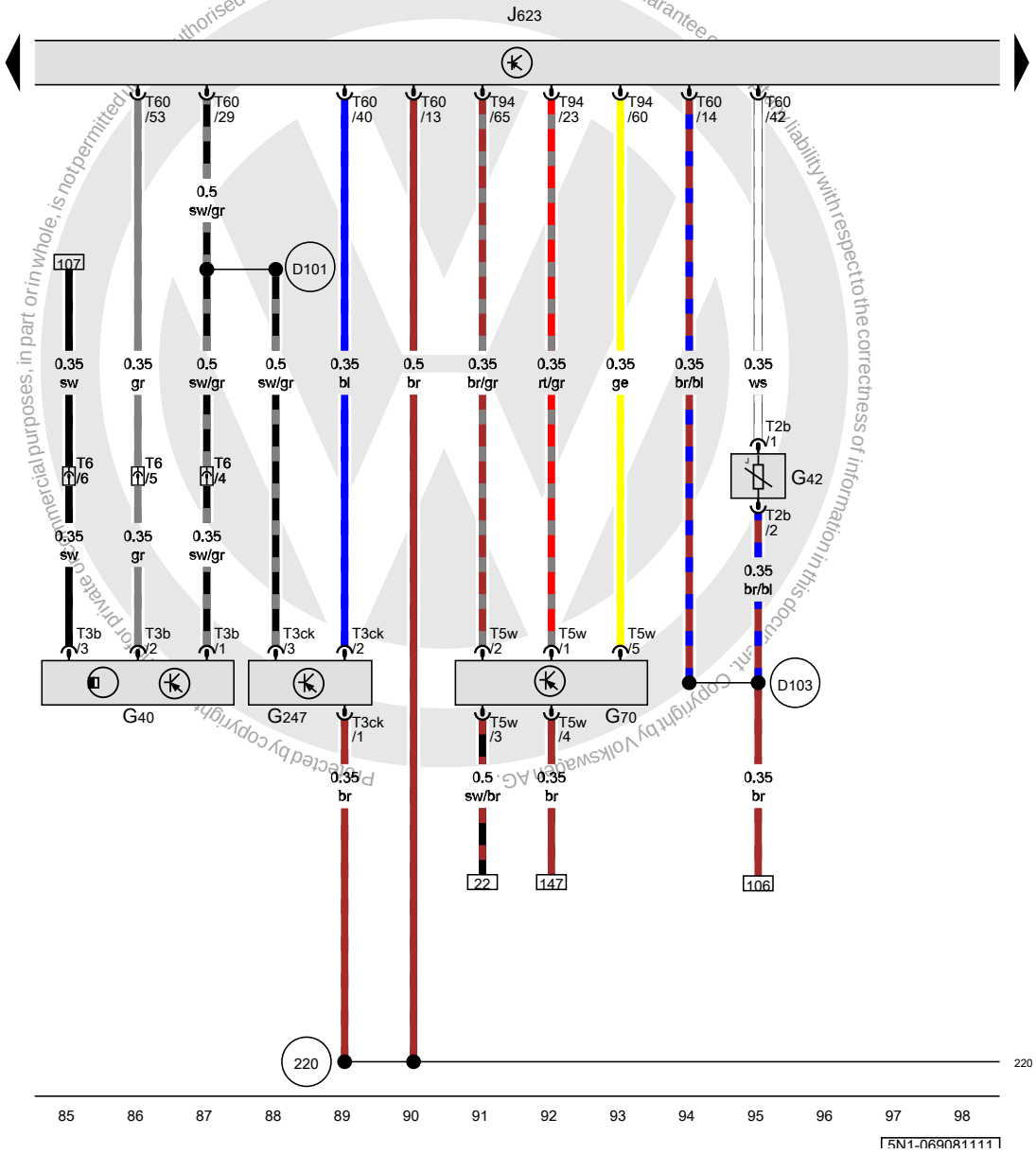
Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Throttle valve module, Engine control unit

G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J527	Steering column electronics control unit
J623	Engine control unit
T6x	6-pin connector
T20d	20-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Hall sender, Intake air temperature sender, Air mass meter, Fuel pressure sender, Engine control unit

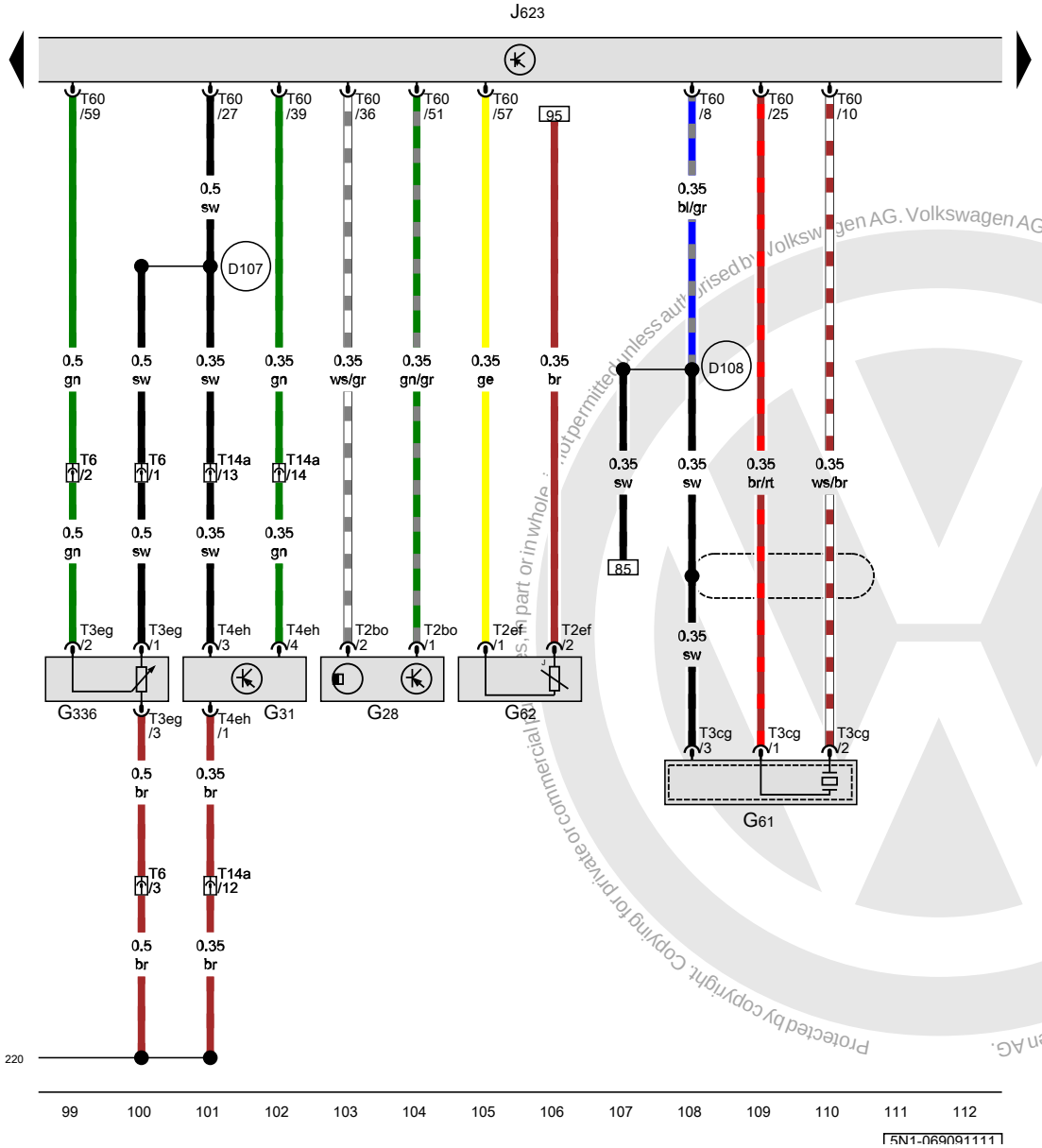


G40	Hall sender
G42	Intake air temperature sender
G70	Air mass meter
G247	Fuel pressure sender
J623	Engine control unit
T2b	2-pin connector
T3b	3-pin connector
T3ck	3-pin connector
T5w	5-pin connector
T6	6-pin connector
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Engine speed sender, Charge pressure sender, Knock sensor 1, Coolant temperature sender, Intake manifold flap potentiometer, Engine control unit

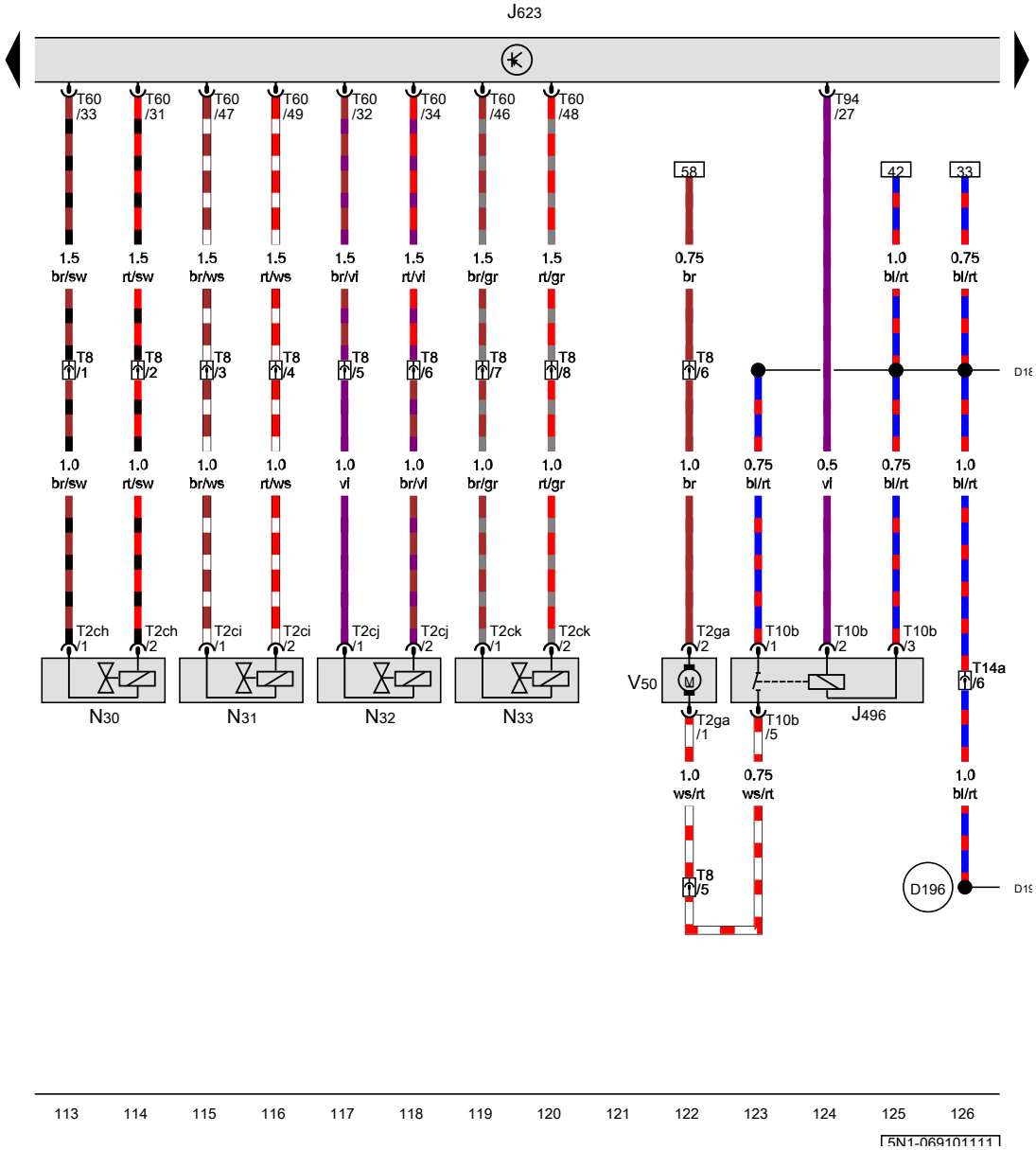


G28	Engine speed sender
G31	Charge pressure sender
G61	Knock sensor 1
G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
T2bo	2-pin connector
T2ef	2-pin connector
T3cg	3-pin connector
T3eg	3-pin connector
T4eh	4-pin connector
T6	6-pin connector
T14a	14-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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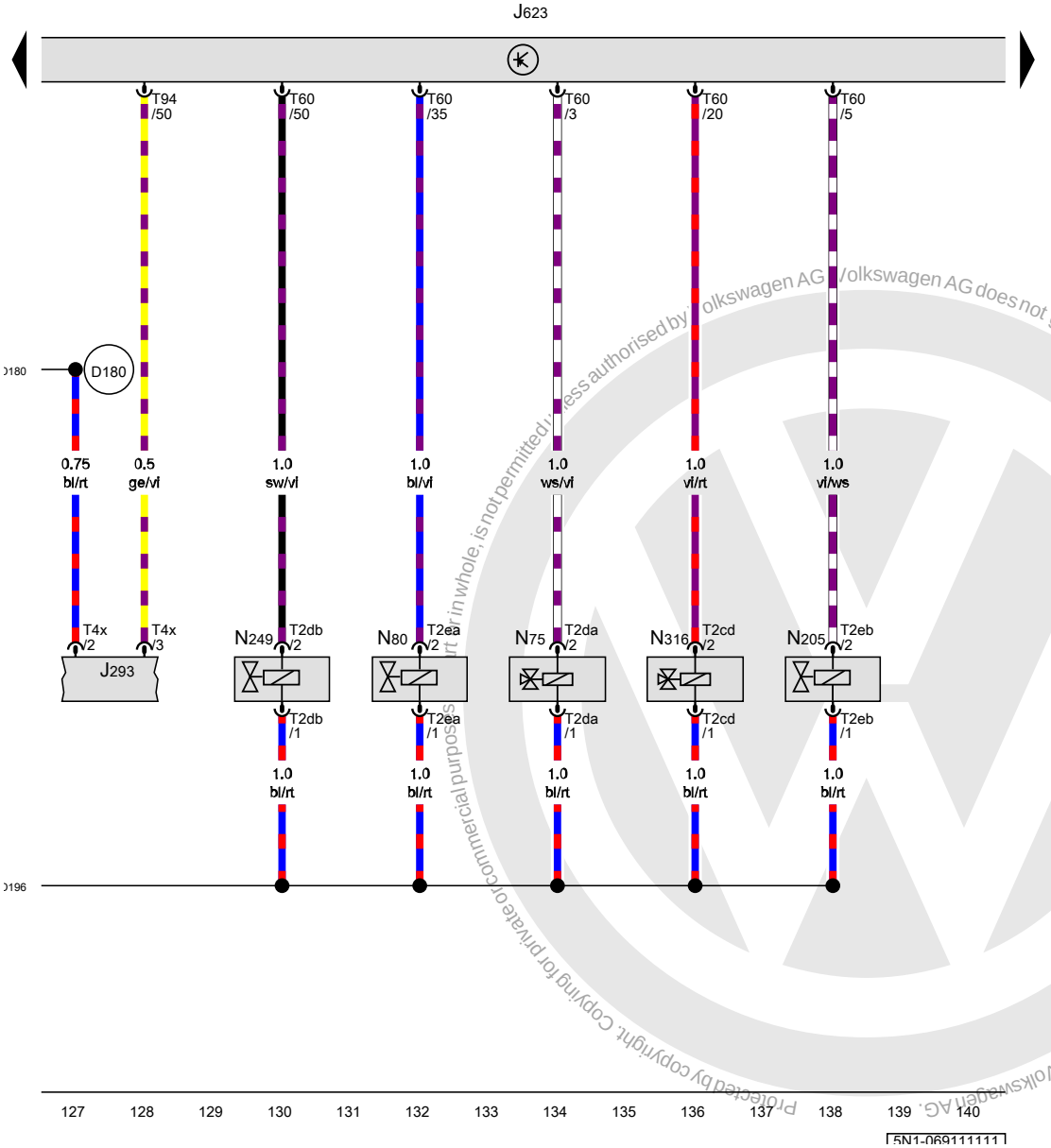
Additional coolant pump relay, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Coolant circulation pump



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

J496	Additional coolant pump relay
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T2ga	2-pin connector
T8	8-pin connector
T10b	10-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness

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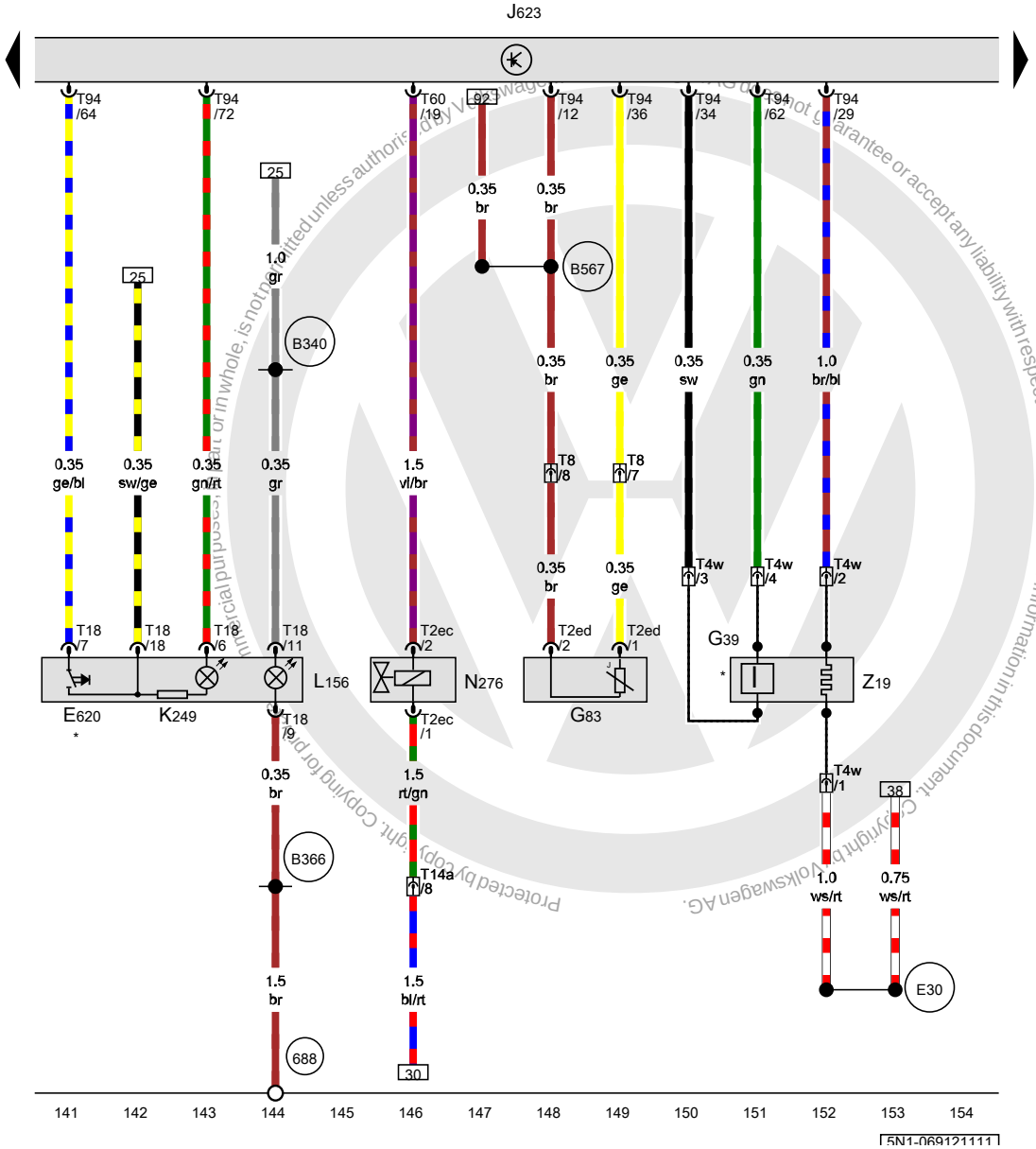


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Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

J293	Radiator fan control unit
J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T2cd	2-pin connector
T2da	2-pin connector
T2db	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T4x	4-pin connector
T60	60-pin connector
T94	94-pin connector
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness

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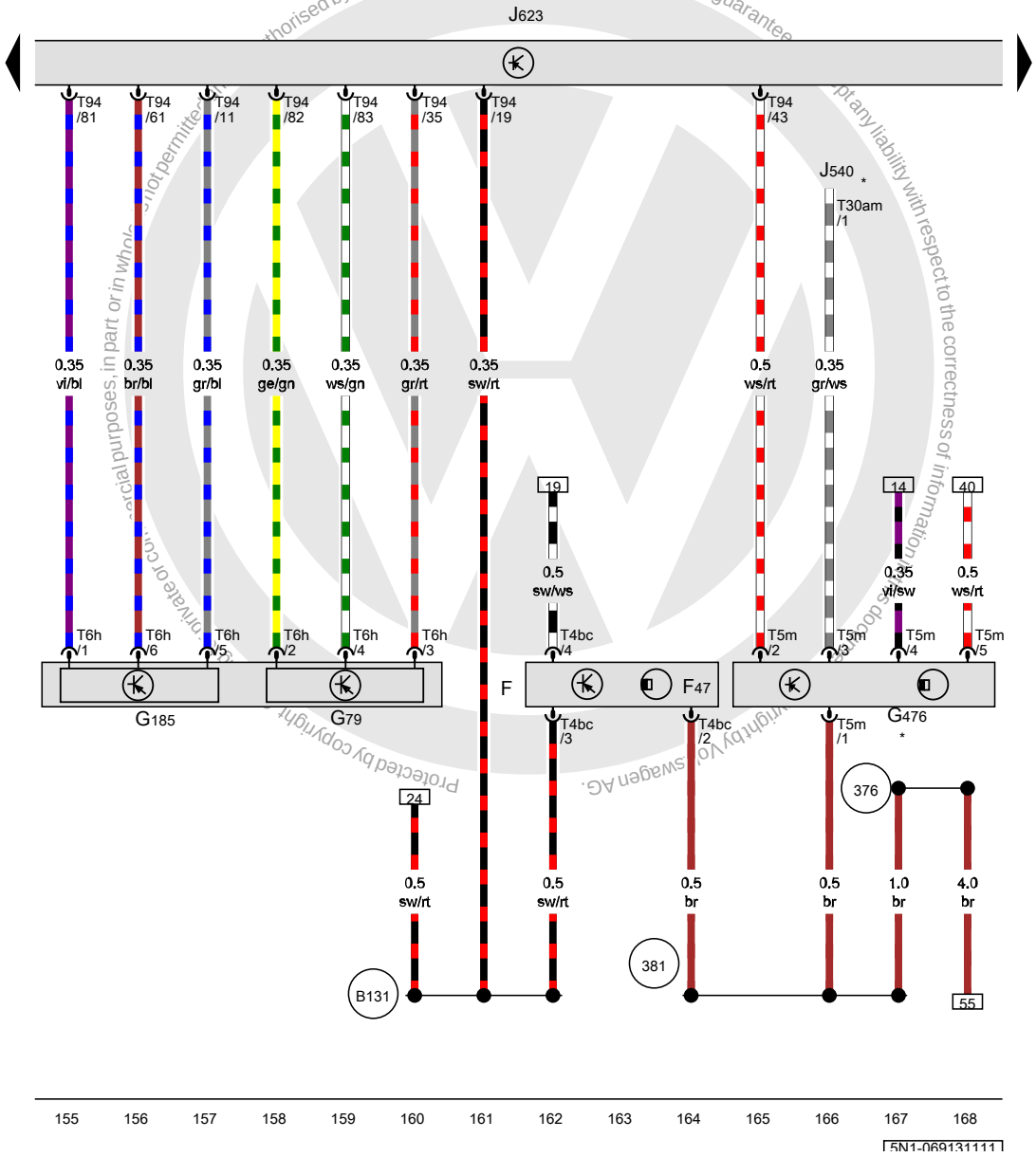


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Multifunction module, Lambda probe, Radiator outlet coolant temperature sender, Engine control unit, Fuel pressure regulating valve

E620	Multifunction module
G39	Lambda probe
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
K249	Cold engine warning light
L156	Switch illumination bulb
N276	Fuel pressure regulating valve
T2ec	2-pin connector
T2ed	2-pin connector
T4w	4-pin connector
T8	8-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
Z19	Lambda probe heater
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
B366	Positive connection 17 (87a) in main wiring harness
B567	Connection 34, in main wiring harness
E30	Connection (87a), in engine wiring harness
*	According to equipment

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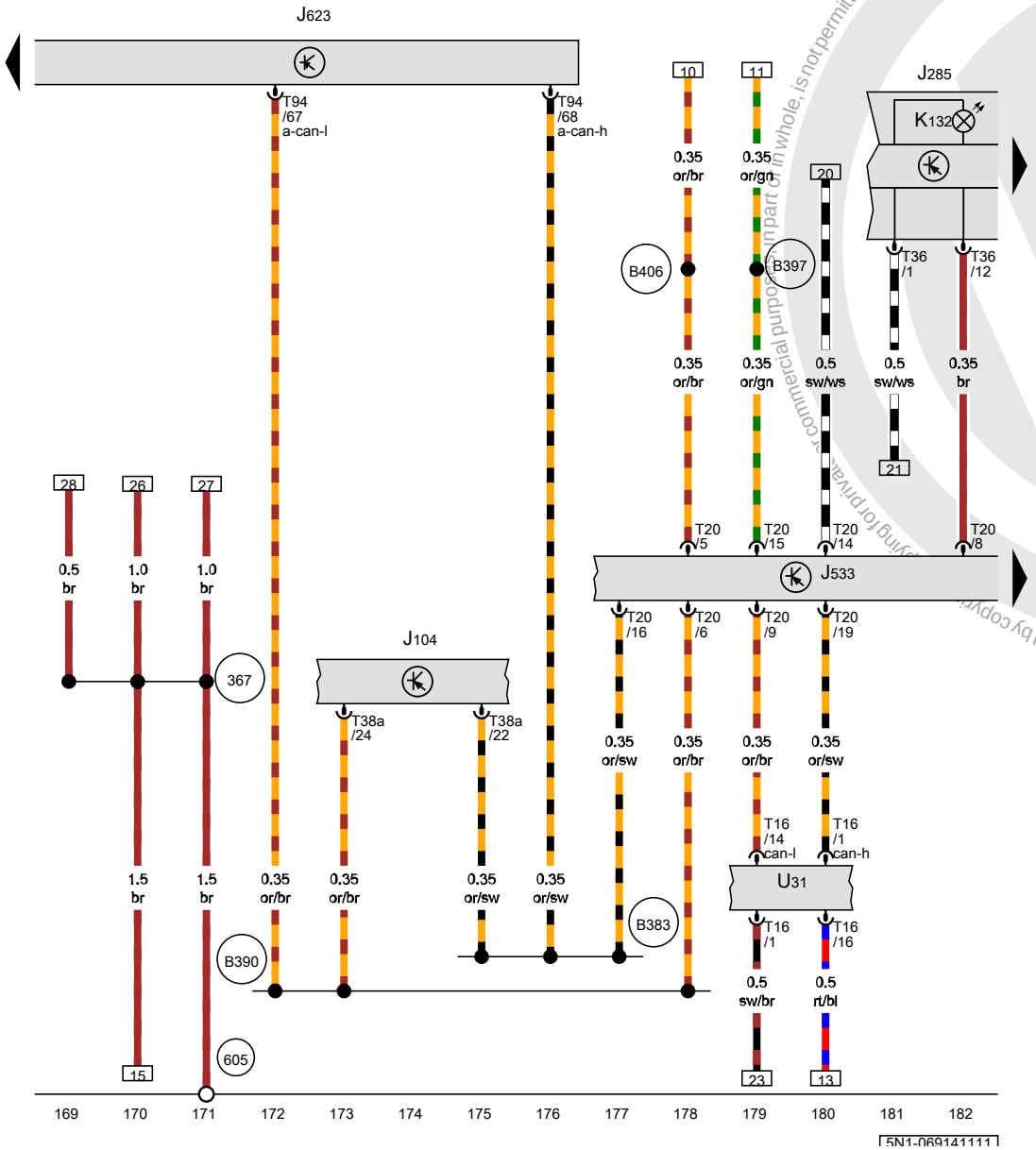
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Brake light switch, Accelerator position sender, Accelerator position sender 2, Clutch position sender, Engine control unit

F	Brake light switch
F47	Brake pedal switch
G79	Accelerator position sender
G185	Accelerator position sender 2
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T4bc	4-pin connector
T5m	5-pin connector
T6h	6-pin connector
T30am	30-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness
*	Only models with manual gearbox

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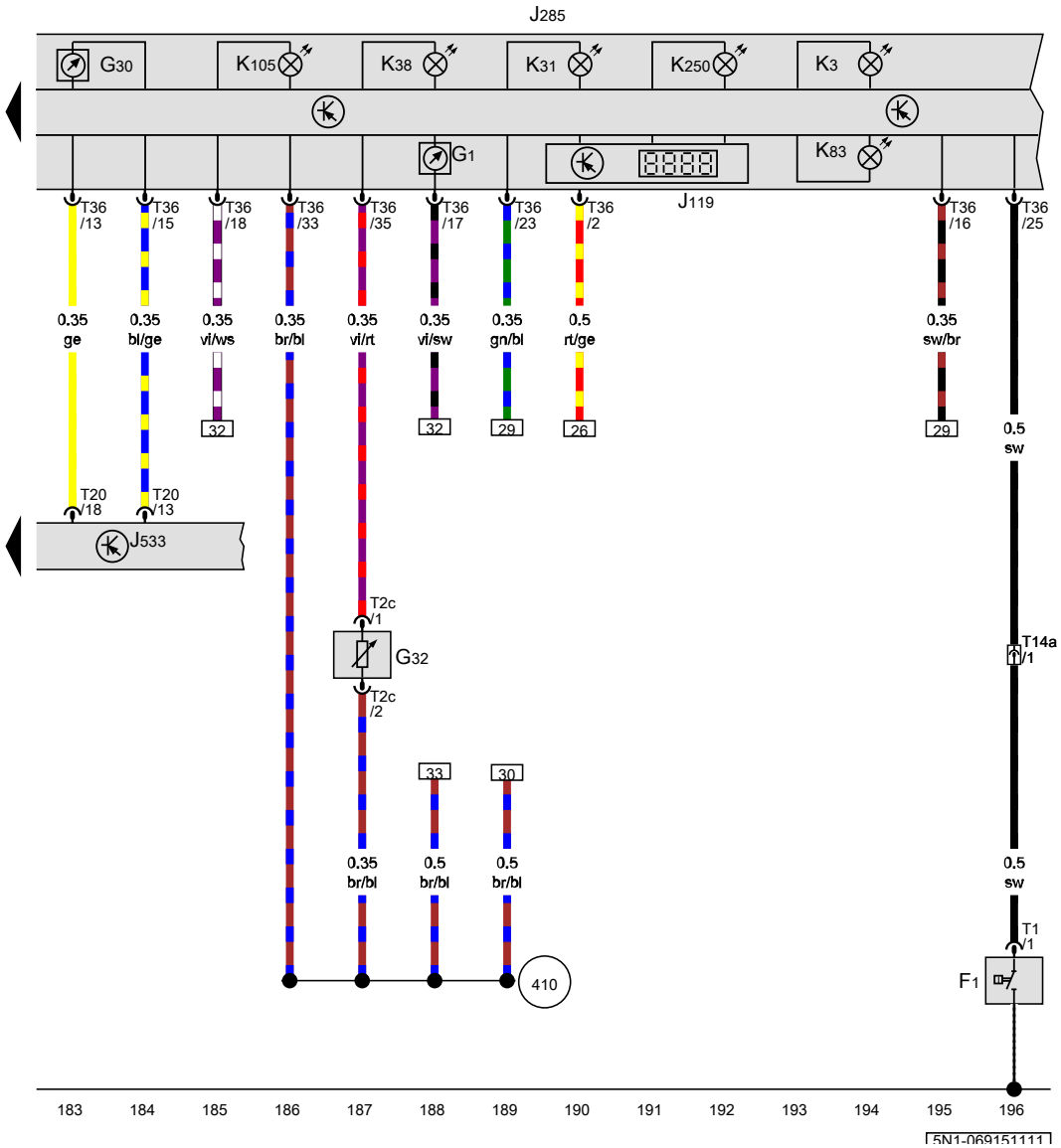


ABS control unit, Control unit in dash panel insert, Data bus diagnostic interface, Engine control unit

J104	ABS control unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine control unit
K132	Electronic power control fault lamp
T16	16-pin connector
T20	20-pin connector
T36	36-pin connector
T38a	38-pin connector
T94	94-pin connector
U31	Diagnostic connection
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

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Oil pressure switch, Coolant shortage indicator sender, Control unit in dash panel insert, Data bus diagnostic interface



F1	Oil pressure switch
G1	Fuel gauge
G30	Charge air pressure gauge
G32	Coolant shortage indicator sender
J119	Multifunction indicator
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K3	Oil pressure warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K83	Exhaust emissions warning lamp
K105	Reserve fuel warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T2c	2-pin connector
T14a	14-pin connector
T20	20-pin connector
T36	36-pin connector
410	Earth connection 1 (sender earth) in main wiring harness

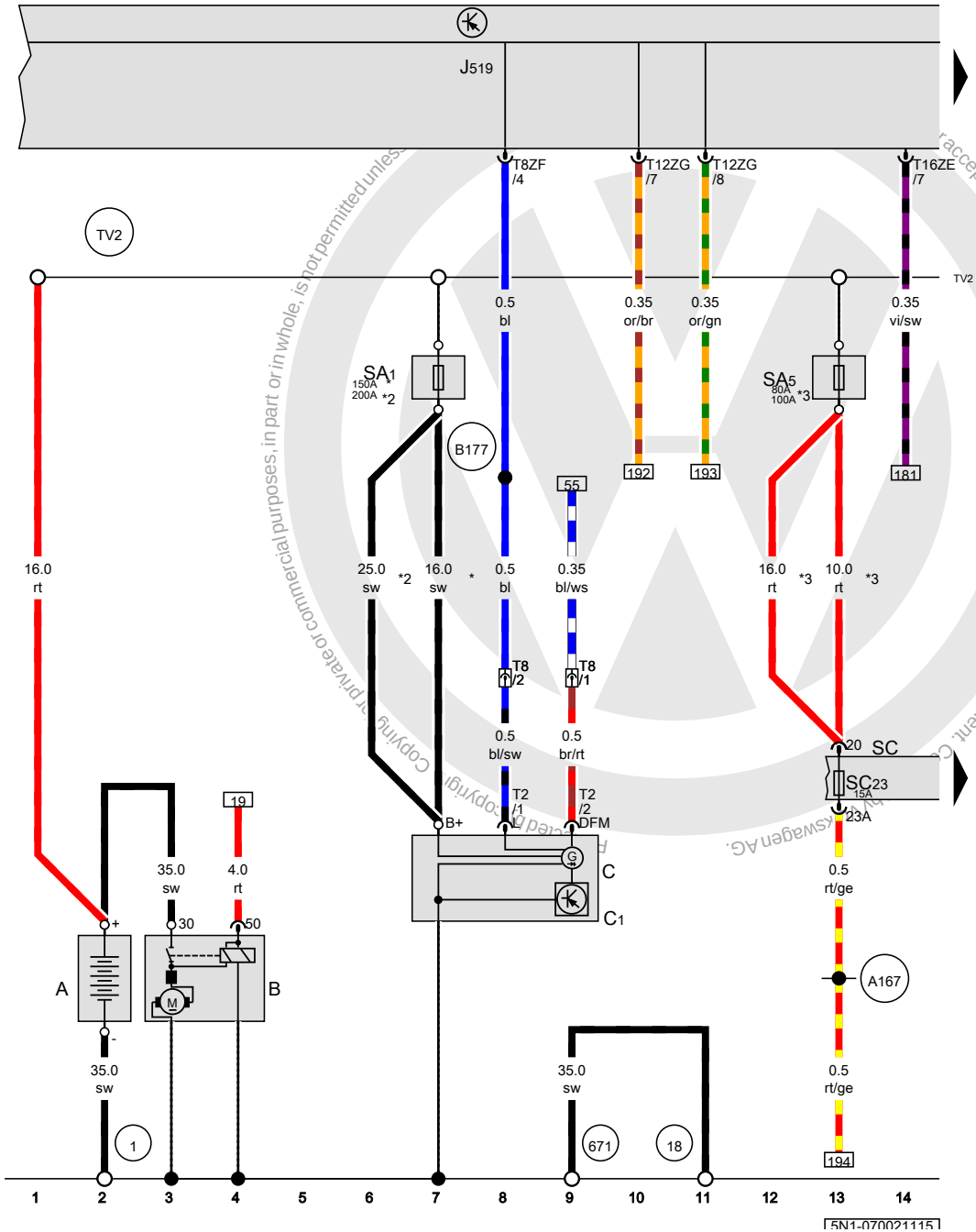
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2.0l petrol engine , CCTA

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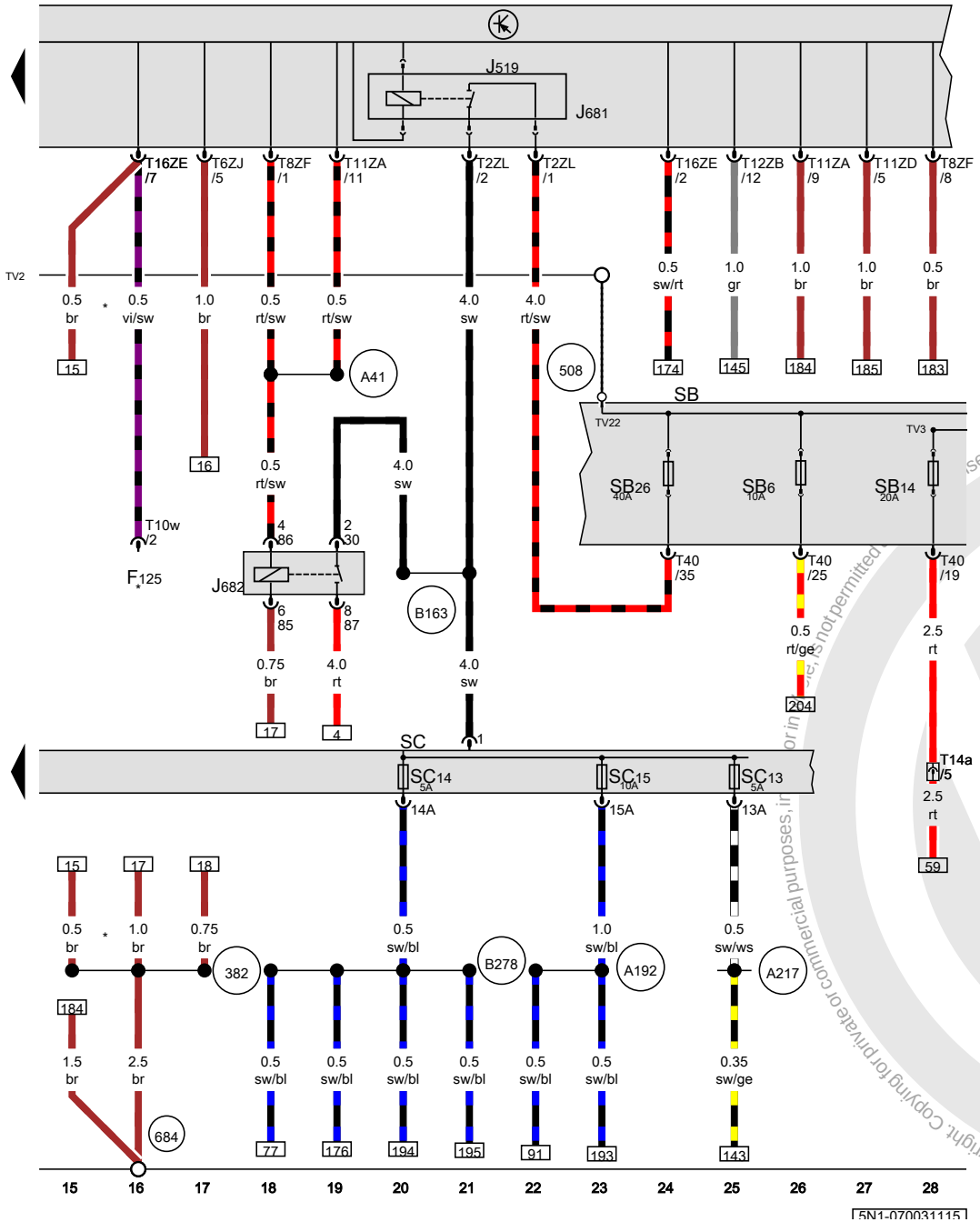


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Battery, Starter, Alternator, Onboard supply control unit, Fuse holder C

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SC	Fuse holder C
SC23	Fuse 23 on fuse holder C
T2	2-pin connector
T8	8-pin connector
T8ZF	8-pin connector
T12ZG	12-pin connector
T16ZE	16-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
671	Earth point 1, on front of left longitudinal member
A167	Positive connection 3 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
TV2	Terminal 30 wiring junction
*	Only models with 90 A/ 110 A alternator
*2	Only models with 140A alternator
*3	According to equipment

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Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder B, Fuse holder C

F125	Multifunction switch
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SB14	Fuse 14 on fuse holder B
SC15	Fuse 15 on fuse holder C
SB26	Fuse 26 on fuse holder B
T2ZL	2-pin connector
T6ZJ	6-pin connector
T8ZF	8-pin connector
T10w	10-pin connector
T11ZA	11-pin connector
T11ZD	11-pin connector
T12ZB	12-pin connector
T14a	14-pin connector
T16ZE	16-pin connector
T40	40-pin connector

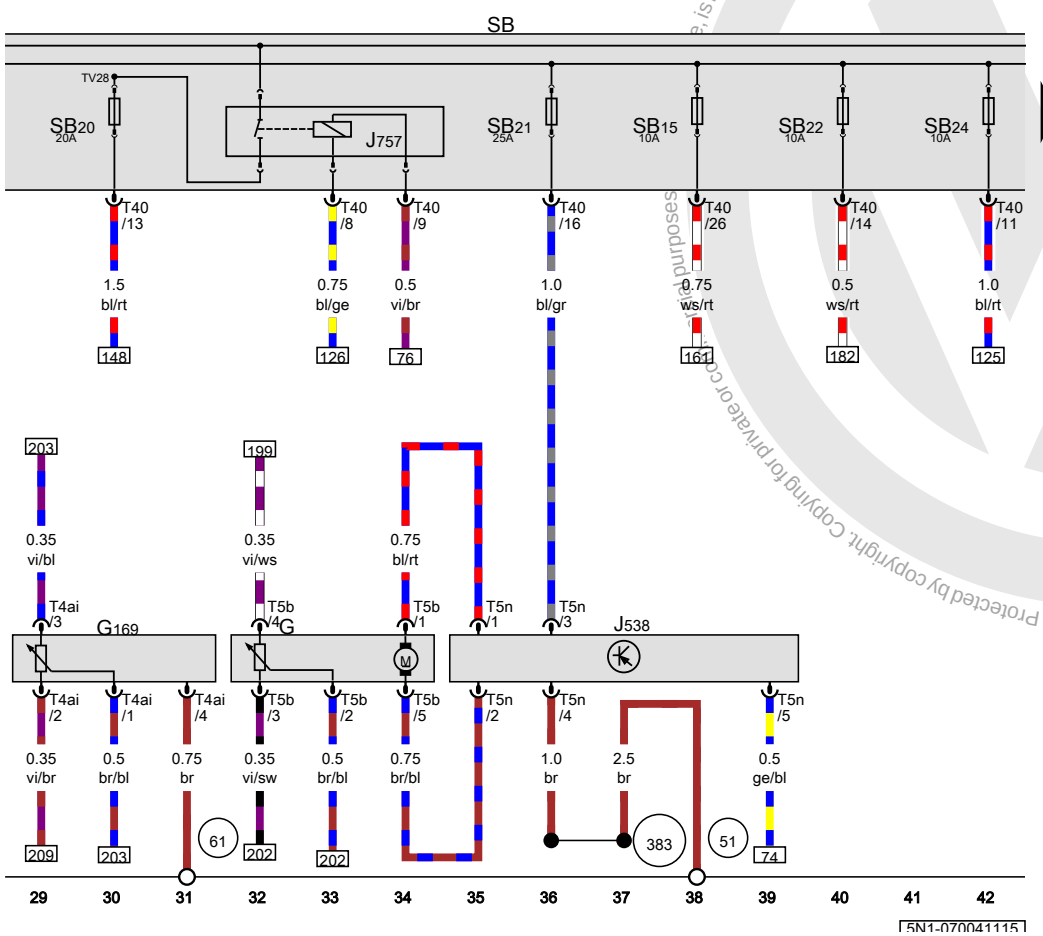
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
684	Earth point on front of left side member
A41	Positive connection (50), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
TV2	Terminal 30 wiring junction
*	According to equipment

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Fuel gauge sender, Fuel gauge sender 2, Fuel pump control unit, Engine component current supply relay, Fuse holder B

G	Fuel gauge sender
G169	Fuel gauge sender 2
J538	Fuel pump control unit
J757	Engine component current supply relay
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB24	Fuse 24 on fuse holder B
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T40	40-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness



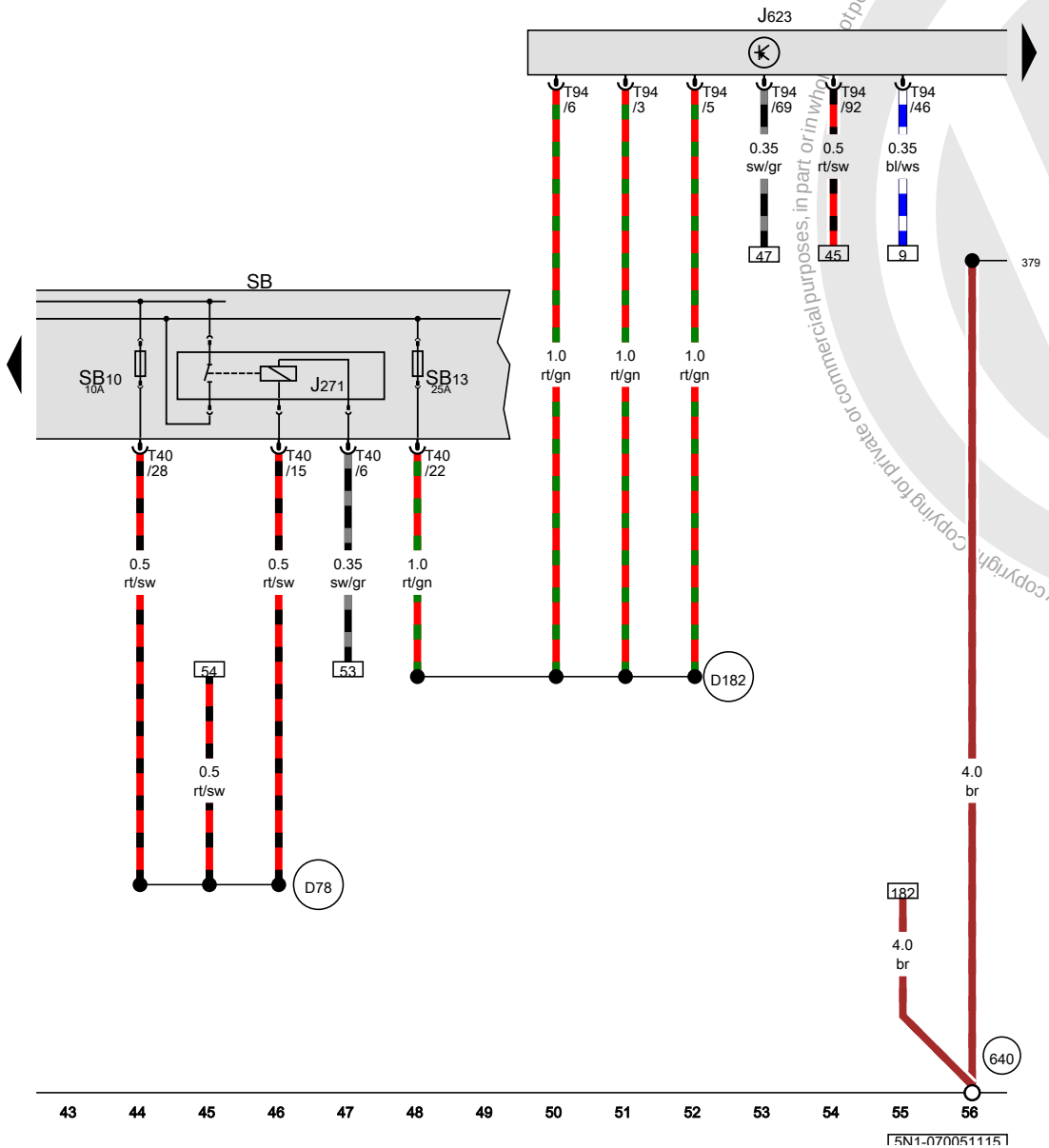
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Main relay, Engine control unit, Fuse holder B

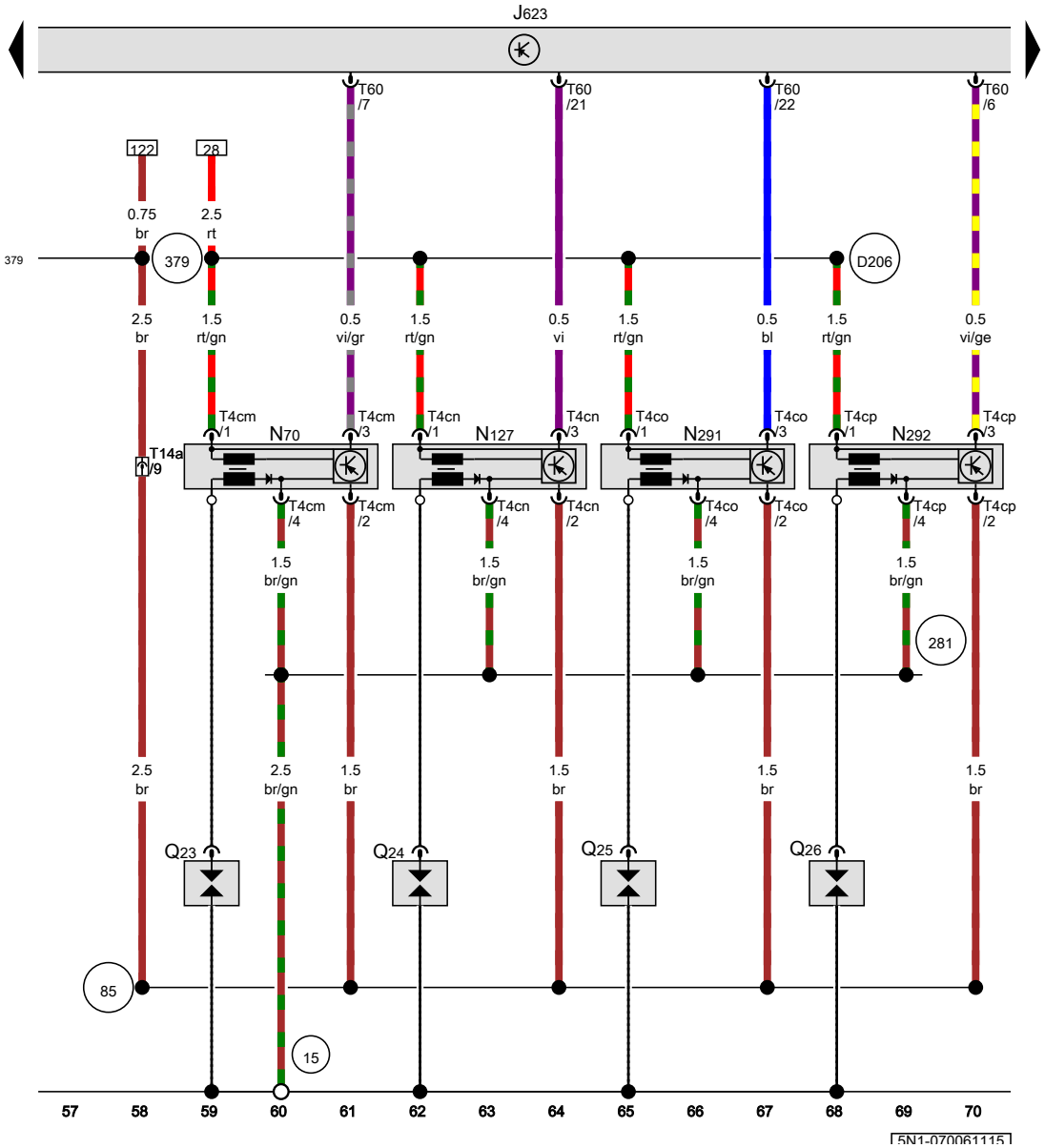
J271	Main relay
J623	Engine control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
T40	40-pin connector
T94	94-pin connector
379	Earth connection 14, in main wiring harness
640	Earth point 2, left in engine compartment
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
379	Earth connection 14, in main wiring harness
D206	Connection 4 (87a) in engine prewiring harness

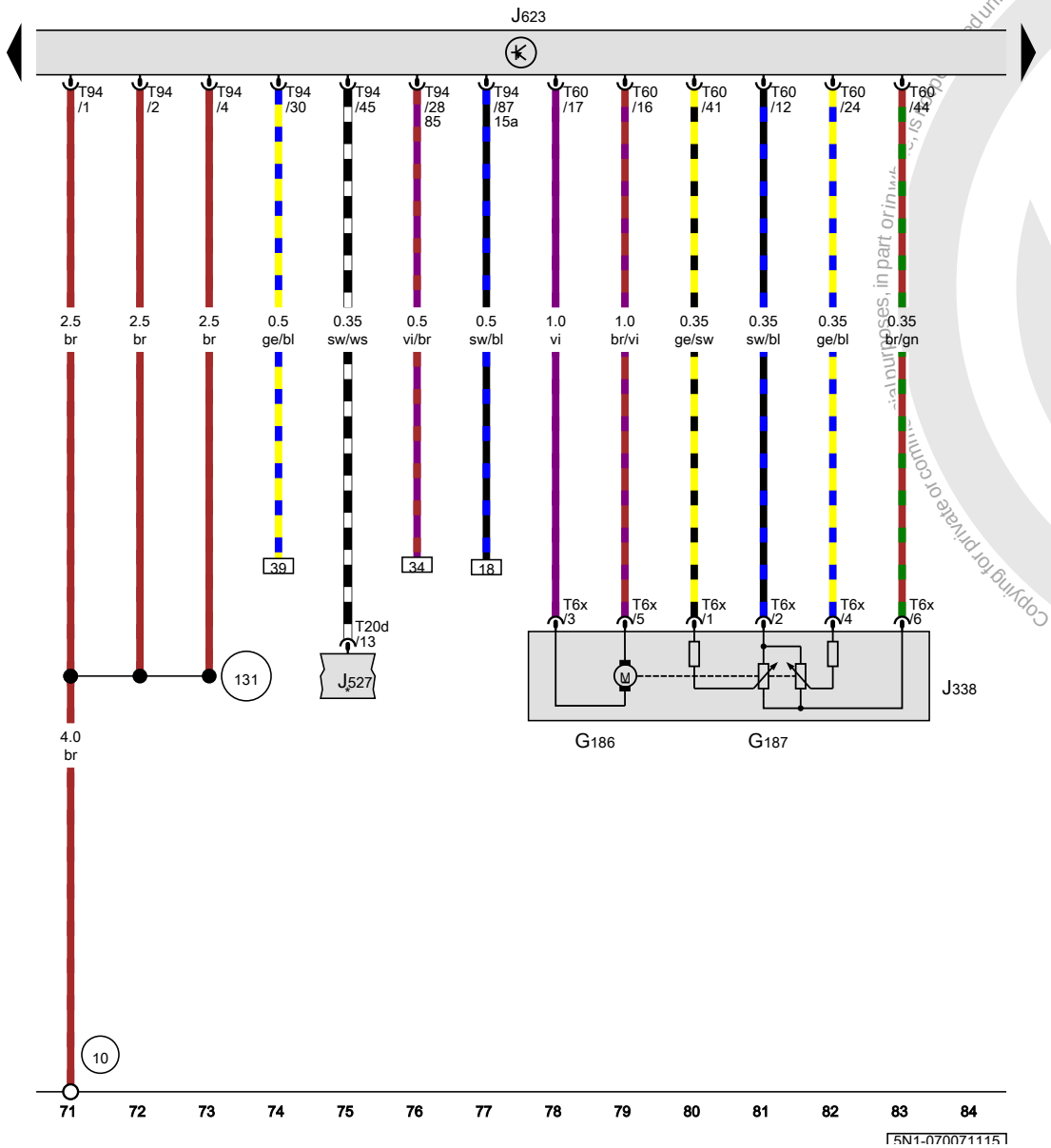


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Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve module, Engine control unit

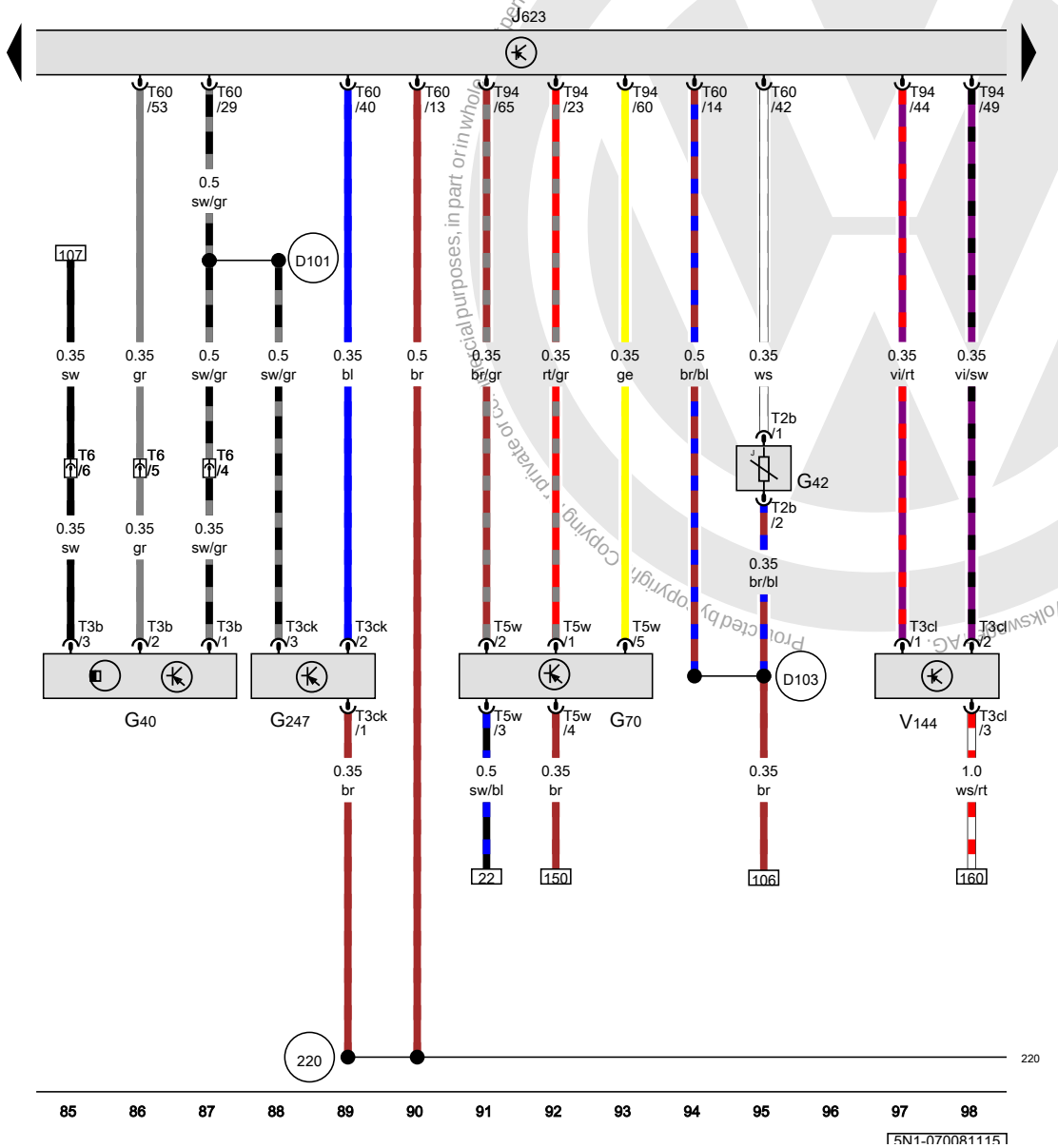
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
J338	Throttle valve module
J527	Steering column electronics control unit
J623	Engine control unit
T6x	6-pin connector
T20d	20-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)



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sw	=	black
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rt	=	red
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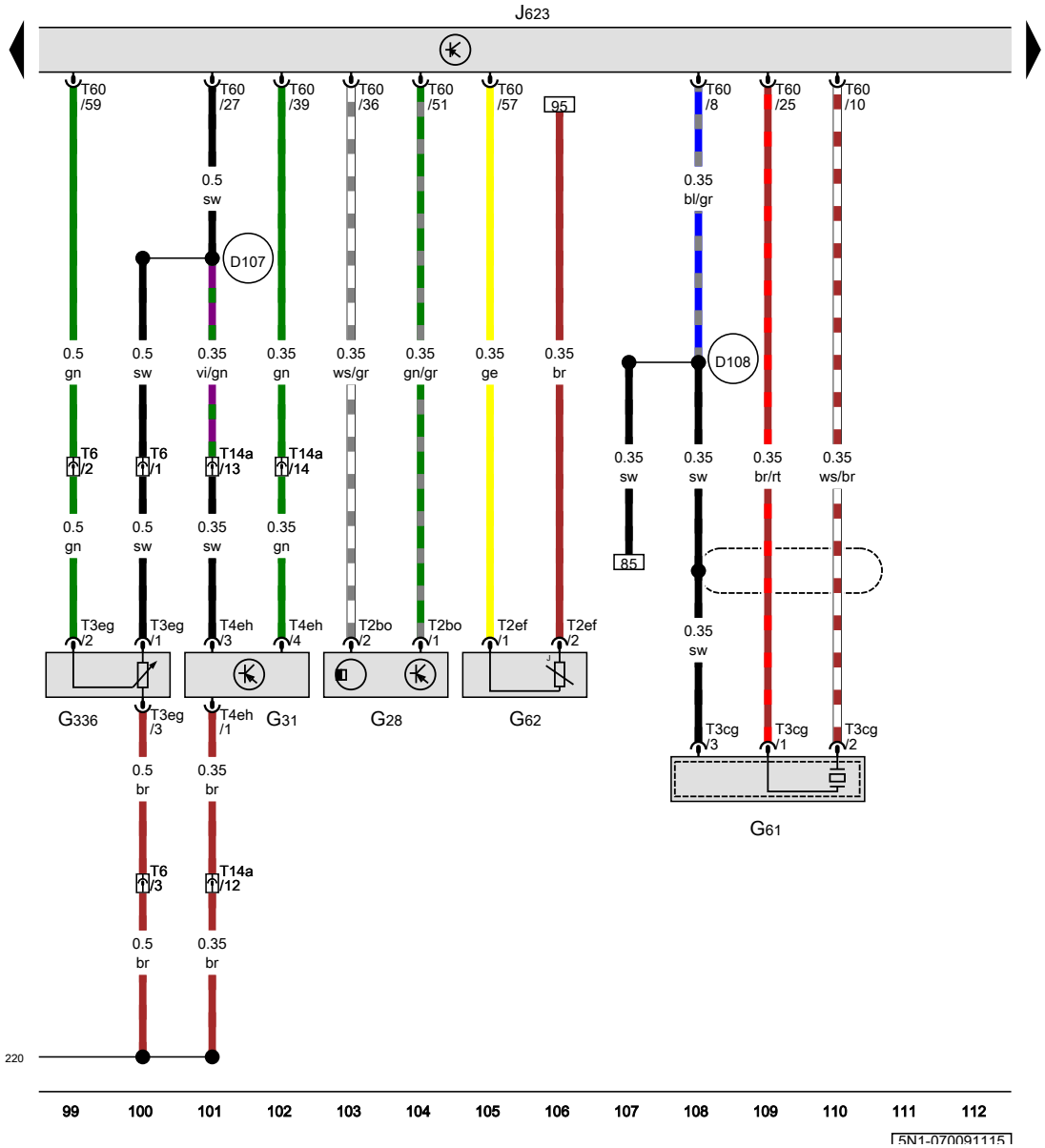


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Hall sender, Intake air temperature sender, Air mass meter, Fuel pressure sender, Engine control unit, Fuel system diagnostic pump

G40	Hall sender
G42	Intake air temperature sender
G70	Air mass meter
G247	Fuel pressure sender
J623	Engine control unit
T2b	2-pin connector
T3b	3-pin connector
T3ck	3-pin connector
T3cl	3-pin connector
T5w	5-pin connector
T6	6-pin connector
T60	60-pin connector
T94	94-pin connector
V144	Fuel system diagnostic pump
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness

Engine speed sender, Charge pressure sender, Knock sensor 1, Coolant temperature sender, Intake manifold flap potentiometer, Engine control unit



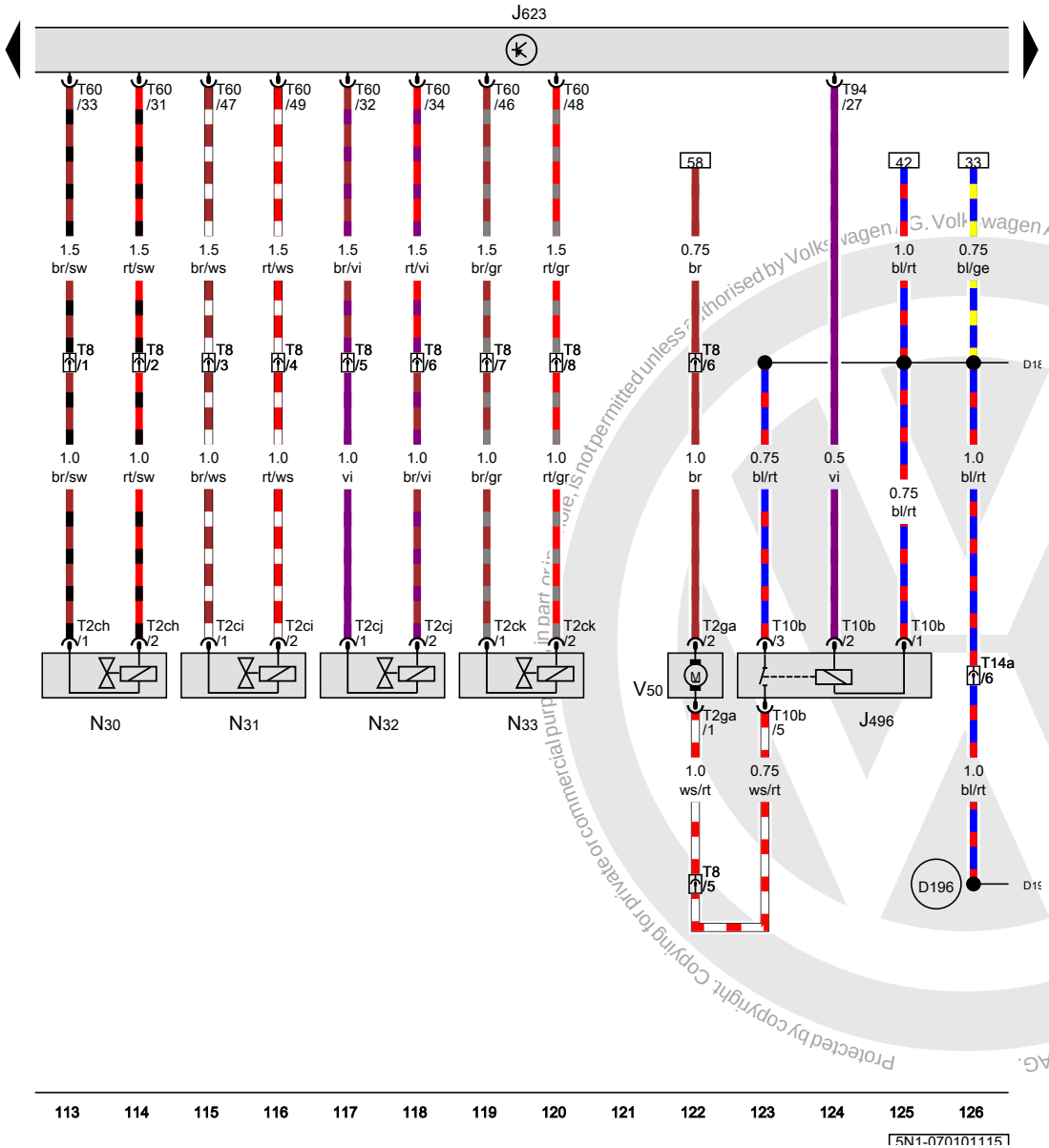
G28	Engine speed sender
G31	Charge pressure sender
G61	Knock sensor 1
G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
T2bo	2-pin connector
T2ef	2-pin connector
T3cg	3-pin connector
T3eg	3-pin connector
T4eh	4-pin connector
T6	6-pin connector
T14a	14-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness

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Additional coolant pump relay, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Coolant circulation pump

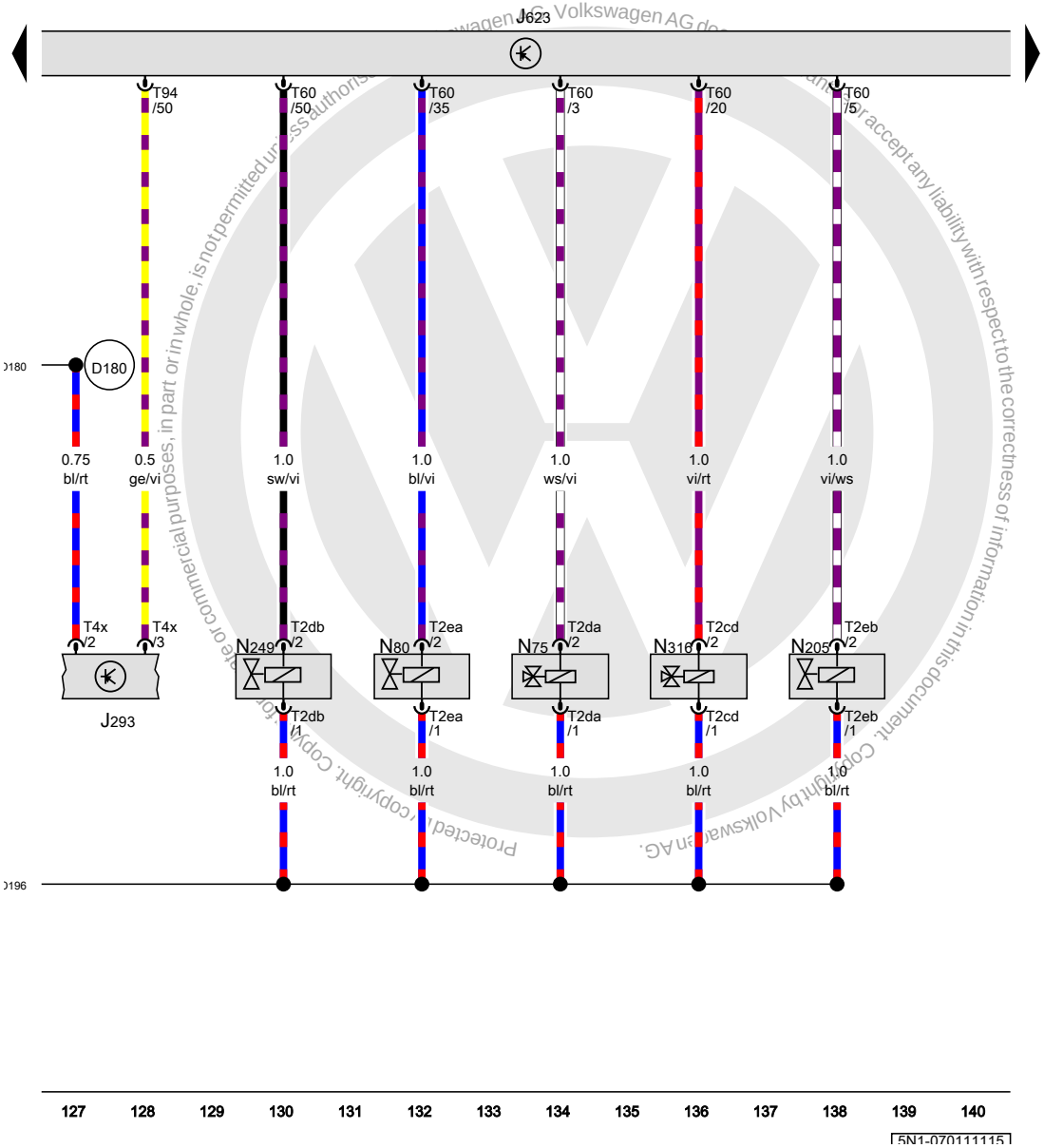
J496	Additional coolant pump relay
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T2ga	2-pin connector
T8	8-pin connector
T10b	10-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness



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Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

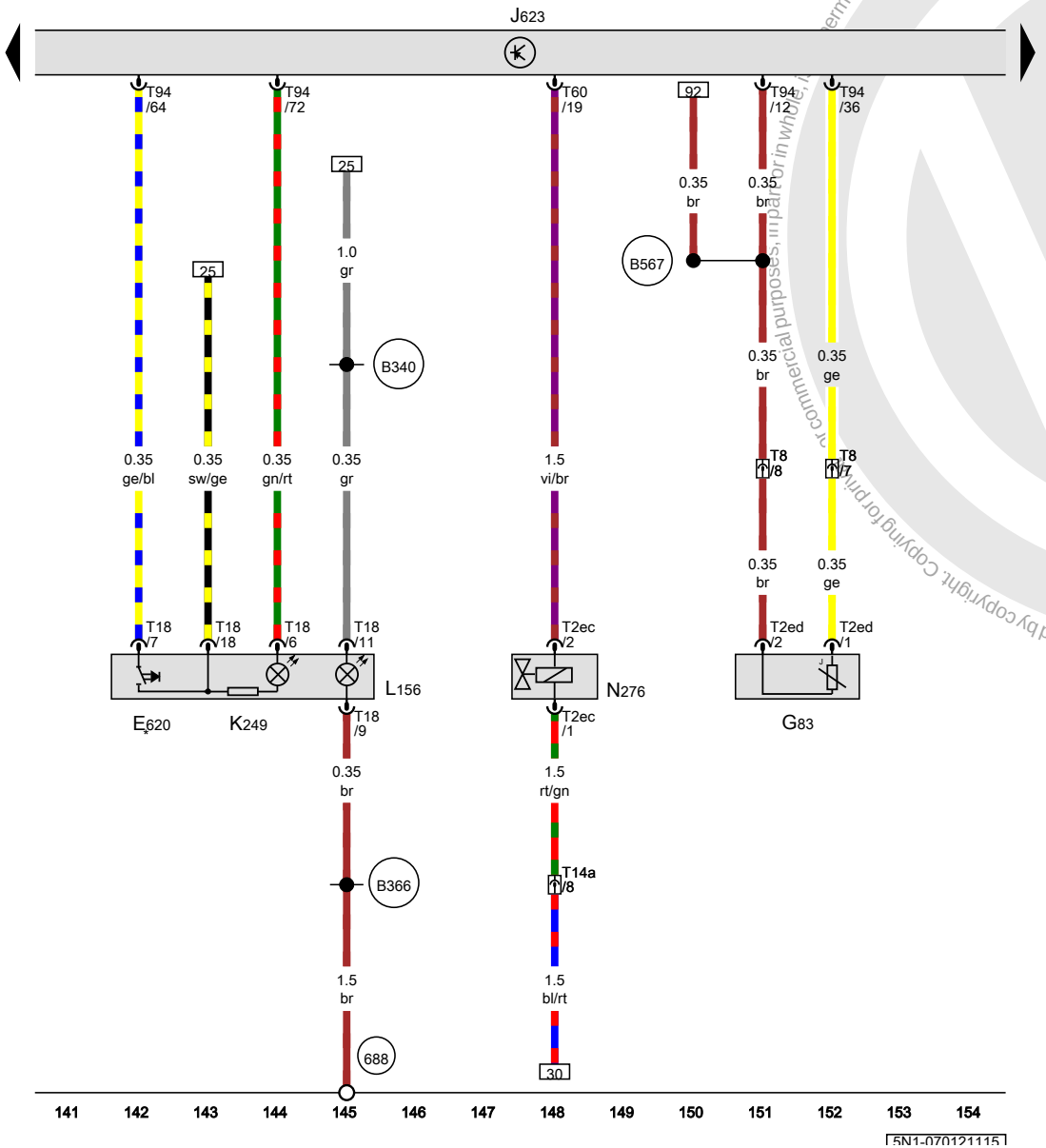


J293		Radiator fan control unit
J623		Engine control unit
N75		Charge pressure control solenoid valve
N80		Activated charcoal filter solenoid valve 1
N205		Camshaft control valve 1
N249		Turbocharger air recirculation valve
N316		Intake manifold flap valve
T2cd		2-pin connector
T2da		2-pin connector
T2db		2-pin connector
T2ea		2-pin connector
T2eb		2-pin connector
T4x		4-pin connector
T60		60-pin connector
T94		94-pin connector
D180		Connection (87a), in engine compartment wiring harness
D196		Connection 2 (87a) in engine prewiring harness

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Multifunction module, Radiator outlet coolant temperature sender, Engine control unit, Fuel pressure regulating valve



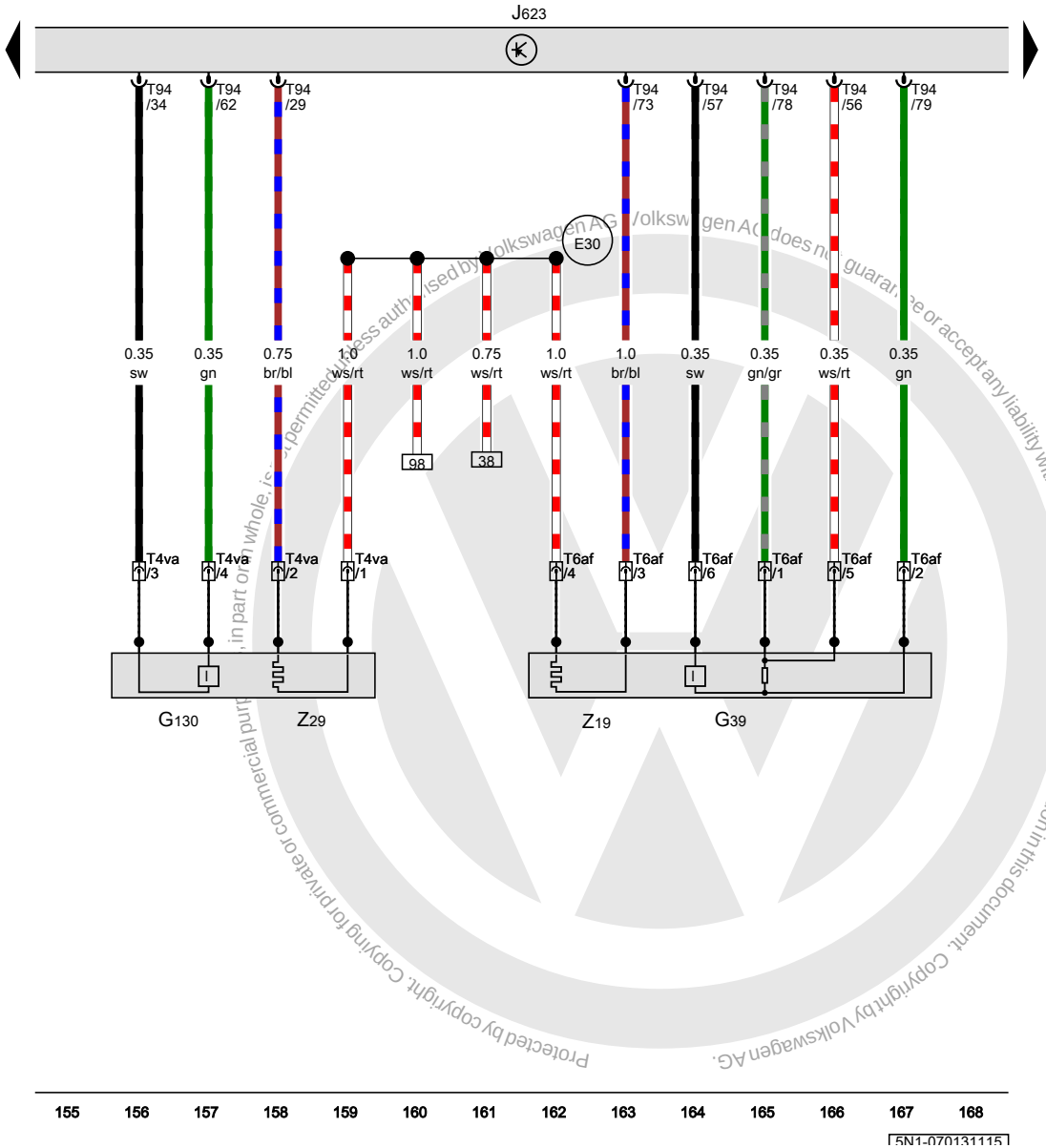
E620	Multifunction module
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
K249	Cold engine warning light
L156	Switch illumination bulb
N276	Fuel pressure regulating valve
T2ec	2-pin connector
T2ed	2-pin connector
T8	8-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
B366	Positive connection 17 (87a) in main wiring harness
B567	Connection 34, in main wiring harness
*	According to equipment

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ro	=	red
rt	=	red
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Lambda probe, Lambda probe after catalytic converter, Engine control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4va	4-pin connector
T6af	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
E30	Connection (87a), in engine wiring harness

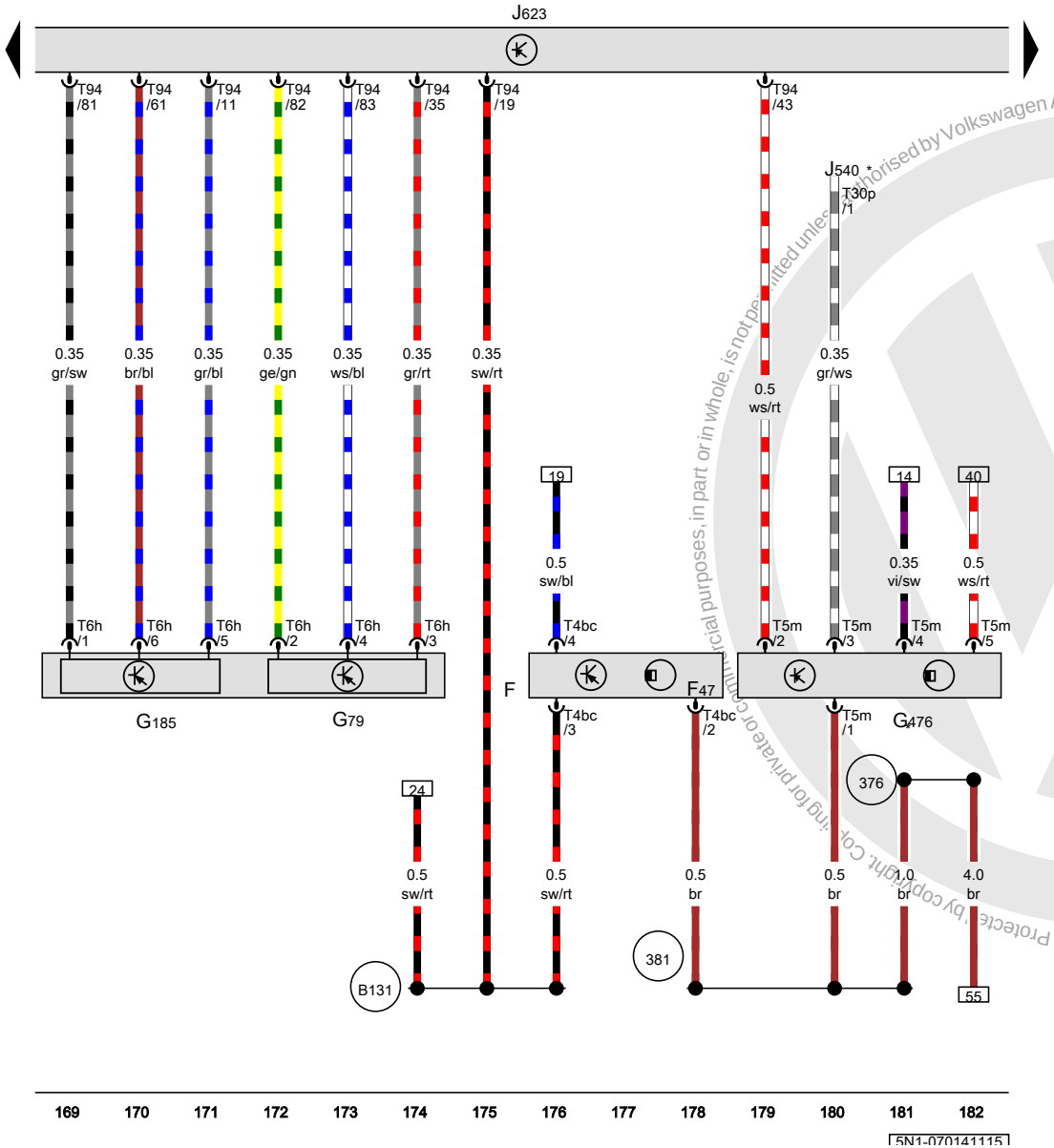


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Brake light switch, Accelerator position sender, Accelerator position sender 2, Clutch position sender, Engine control unit

F	Brake light switch
F47	Brake pedal switch
G79	Accelerator position sender
G185	Accelerator position sender 2
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T4bc	4-pin connector
T5m	5-pin connector
T6h	6-pin connector
T30p	30-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness
*	Only models with manual gearbox

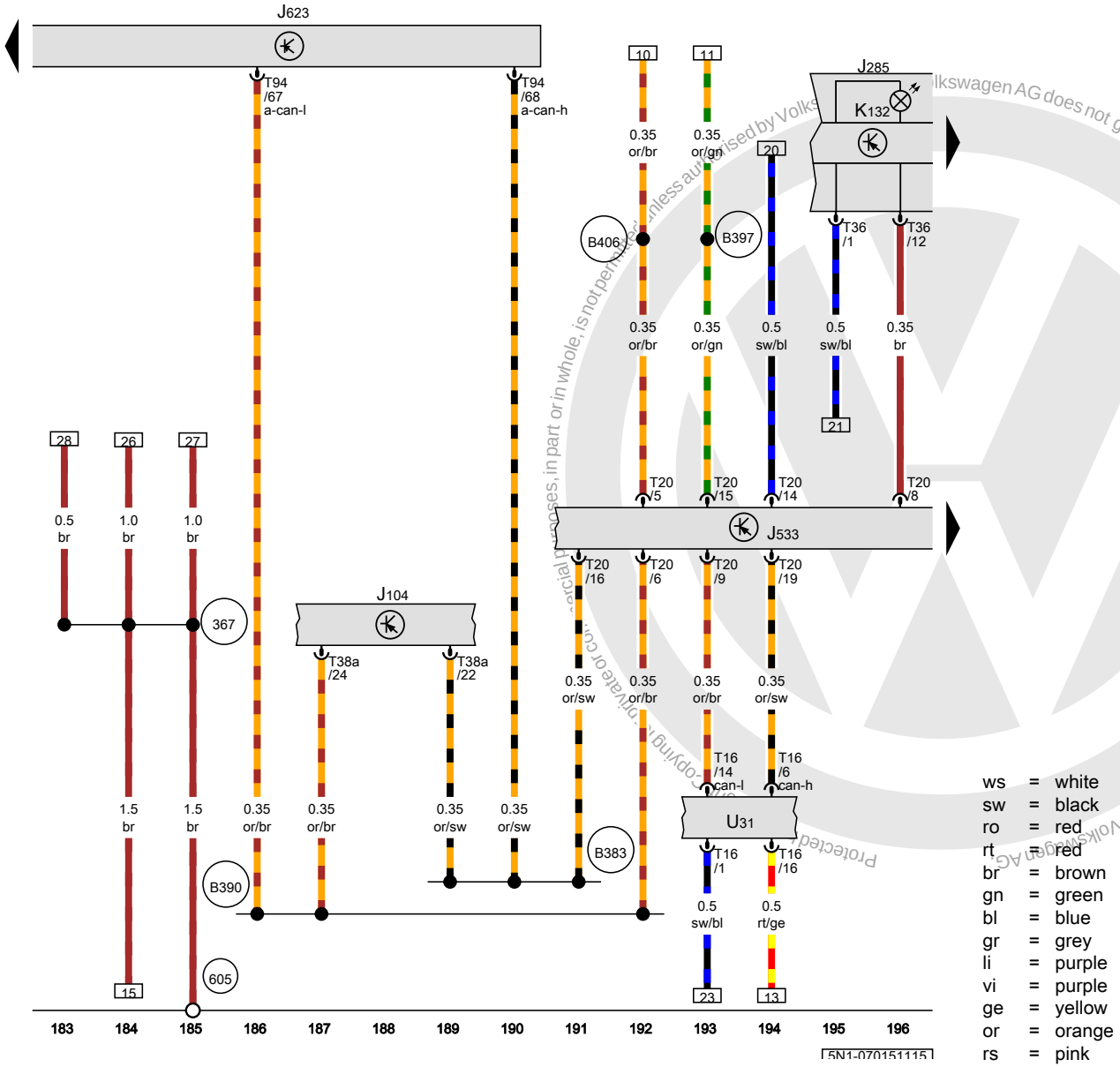


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ABS control unit, Control unit in dash panel insert, Data bus diagnostic interface, Engine control unit

J104	ABS control unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine control unit
K132	Electronic power control fault lamp
T16	16-pin connector
T20	20-pin connector
T36	36-pin connector
T38a	38-pin connector
T94	94-pin connector
U31	Diagnostic connection
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

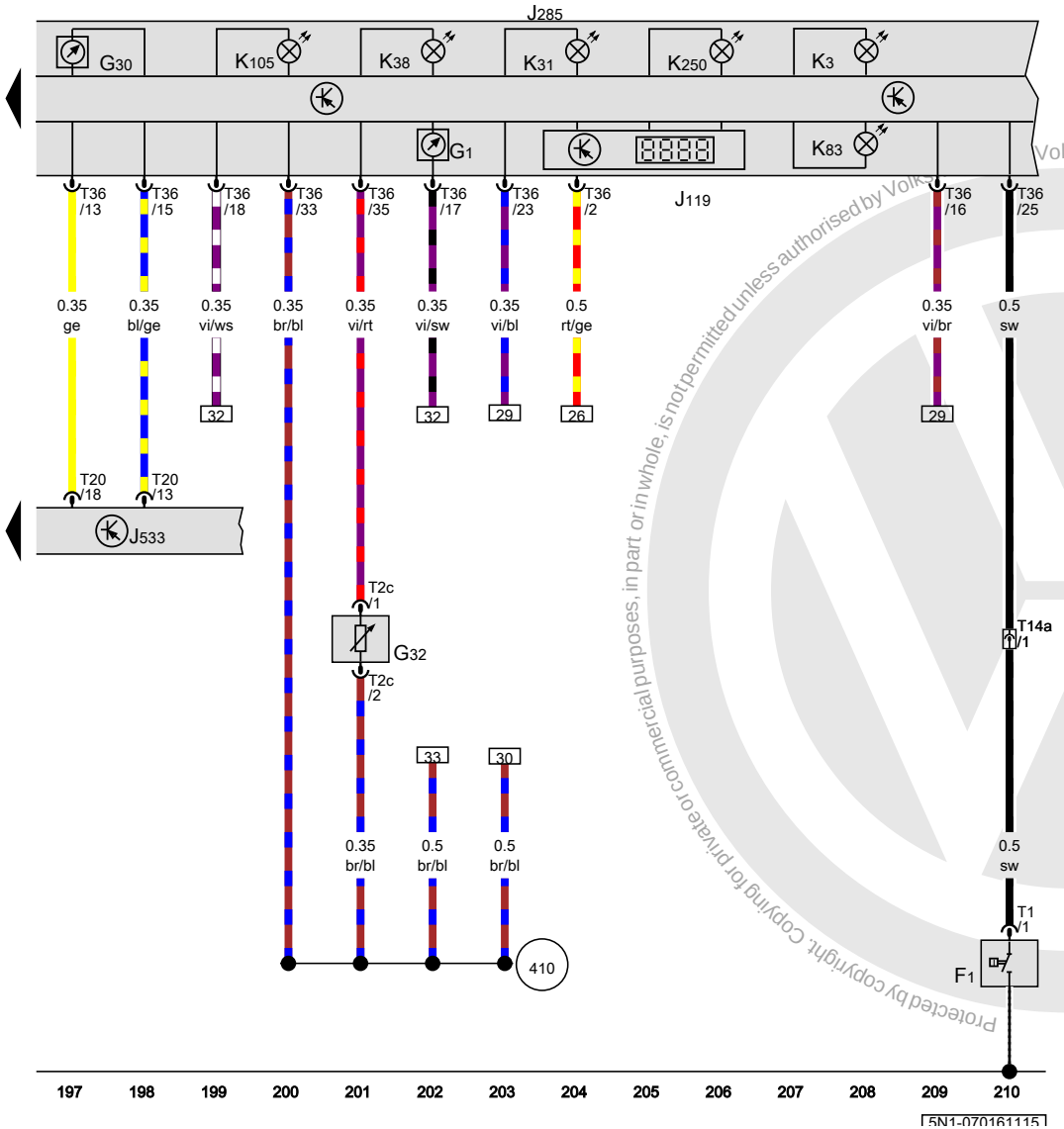


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Oil pressure switch, Coolant shortage indicator sender, Control unit in dash panel insert, Data bus diagnostic interface

F1	Oil pressure switch
G1	Fuel gauge
G30	Charge air pressure gauge
G32	Coolant shortage indicator sender
J119	Multifunction indicator
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K3	Oil pressure warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K83	Exhaust emissions warning lamp
K105	Reserve fuel warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T2c	2-pin connector
T14a	14-pin connector
T20	20-pin connector
T36	36-pin connector
(410)	Earth connection 1 (sender earth) in main wiring harness



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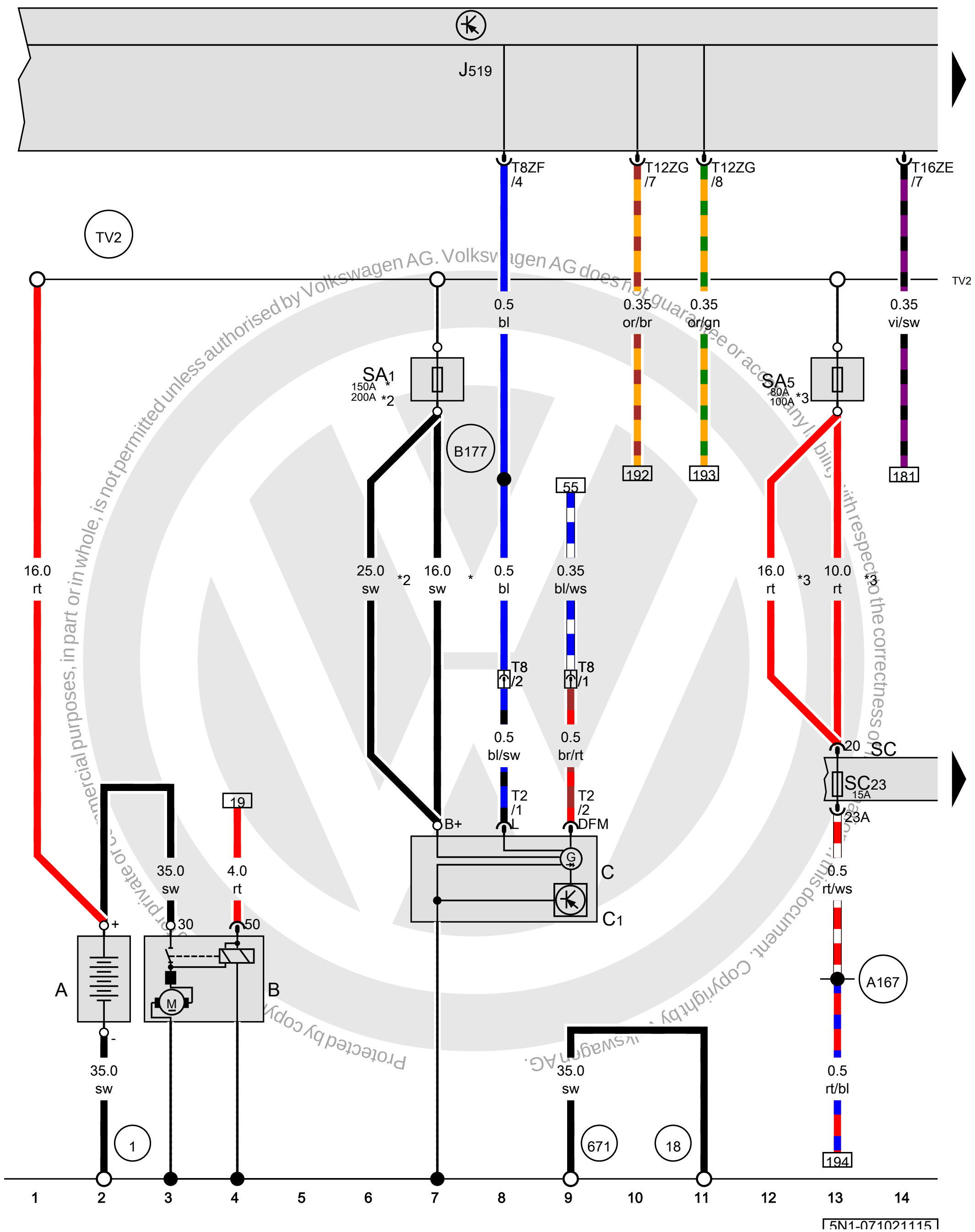
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2.0l petrol engine , CCTA,CCTB

From May 2008

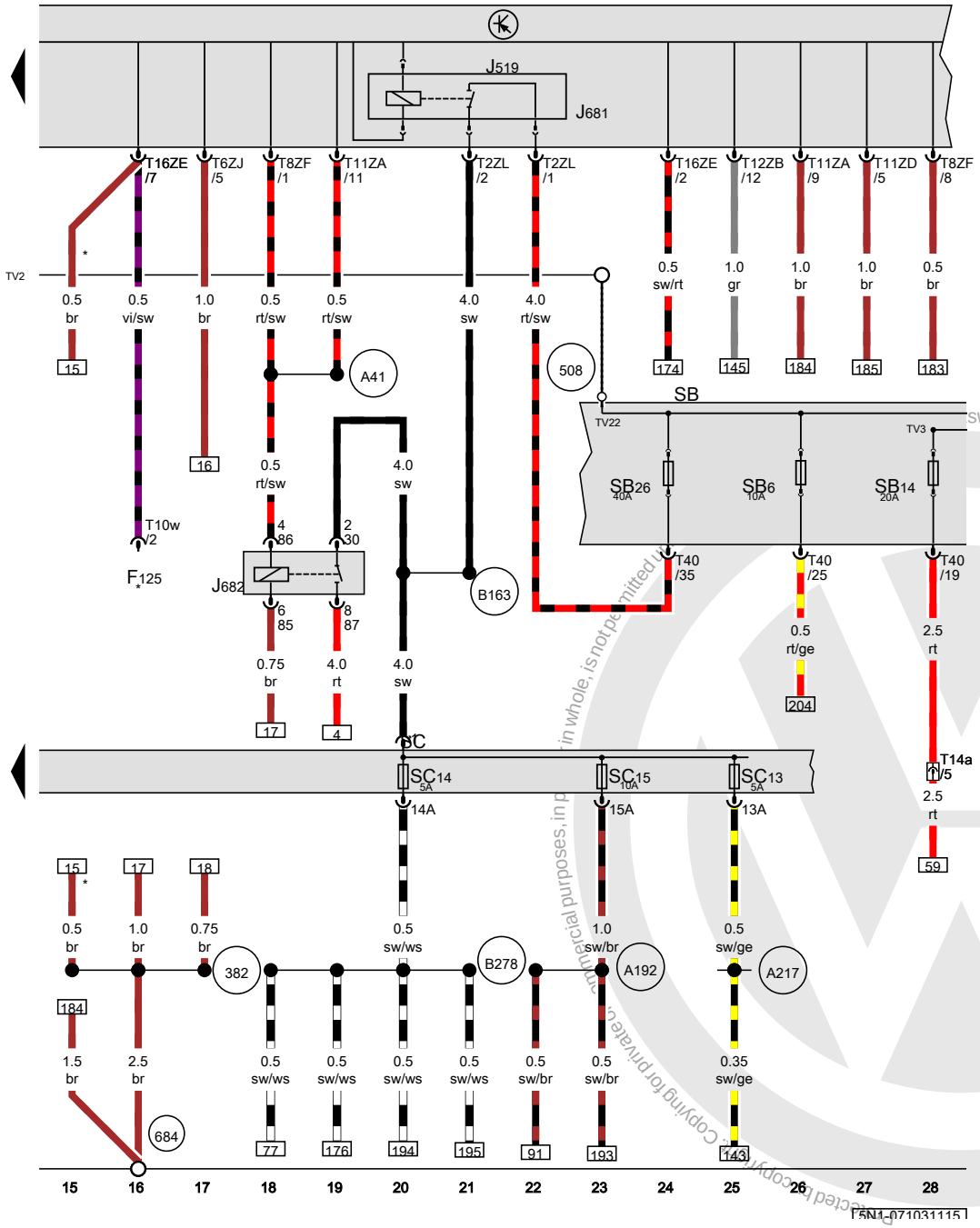
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Battery, Starter, Alternator, Onboard supply control unit, Fuse holder C



A		Battery
B		Starter
C		Alternator
C1		Voltage regulator
J519		Onboard supply control unit
SA1		Fuse 1 in fuse holder A
SA5		Fuse 5 in fuse holder A
SC		Fuse holder C
SC23		Fuse 23 on fuse holder C
T2		2-pin connector
T8		8-pin connector
T8ZF		8-pin connector
T12ZG		12-pin connector
T16ZE		16-pin connector
1		Earth strap, battery - body
18		Earth point, on cylinder block
671		Earth point 1, on front of left longitudinal member
A167		Positive connection 3 (30a) in dash panel wiring harness
B177		Connection (61), in interior wiring harness
TV2		Terminal 30 wiring junction
*		Only models with 90 A/ 110 A alternator
*2		Only models with 140A alternator
*3		According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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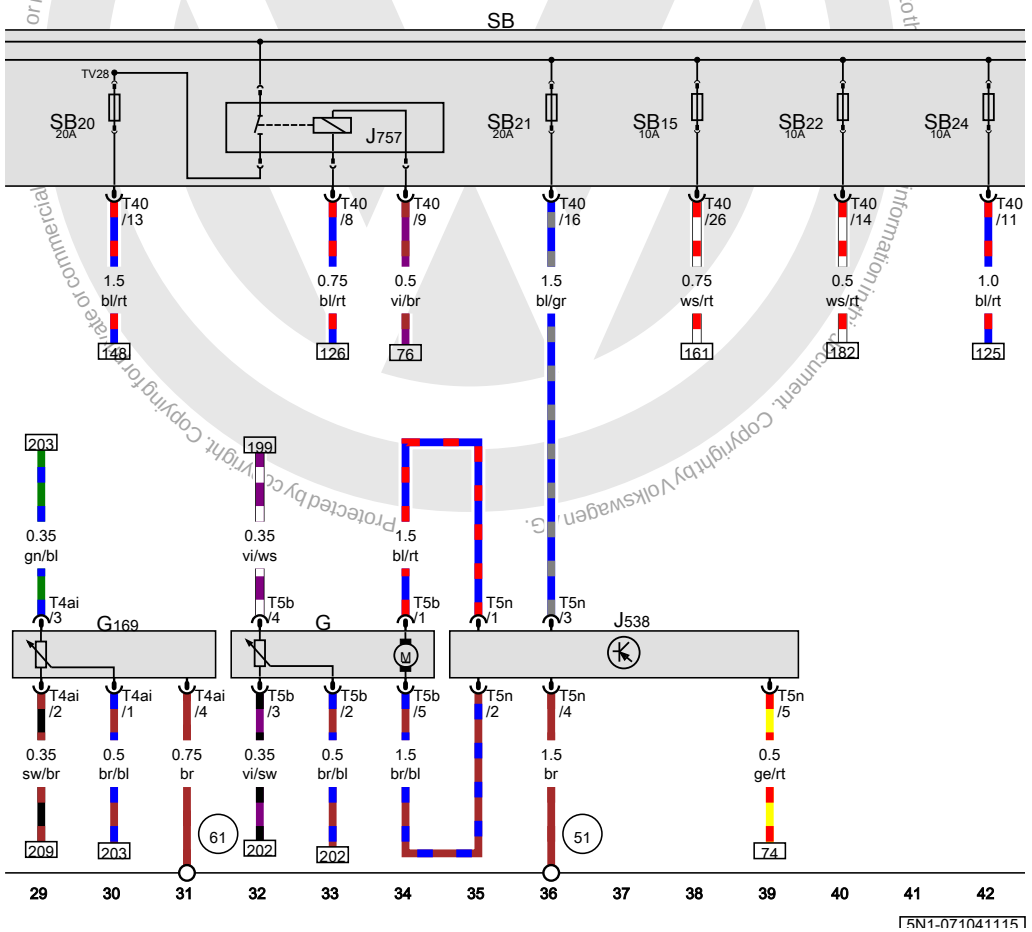
Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder B, Fuse holder C

F125	Multifunction switch
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SB14	Fuse 14 on fuse holder B
SC15	Fuse 15 on fuse holder C
SB26	Fuse 26 on fuse holder B
T2ZL	2-pin connector
T6ZJ	6-pin connector
T8ZF	8-pin connector
T10w	10-pin connector
T11ZA	11-pin connector
T11ZD	11-pin connector
T12ZB	12-pin connector
T14a	14-pin connector
T16ZE	16-pin connector
T40	40-pin connector
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
684	Earth point on front of left side member
A41	Positive connection (50), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
TV2	Terminal 30 wiring junction
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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Fuel gauge sender, Fuel gauge sender 2, Fuel pump control unit, Engine component current supply relay, Fuse holder B

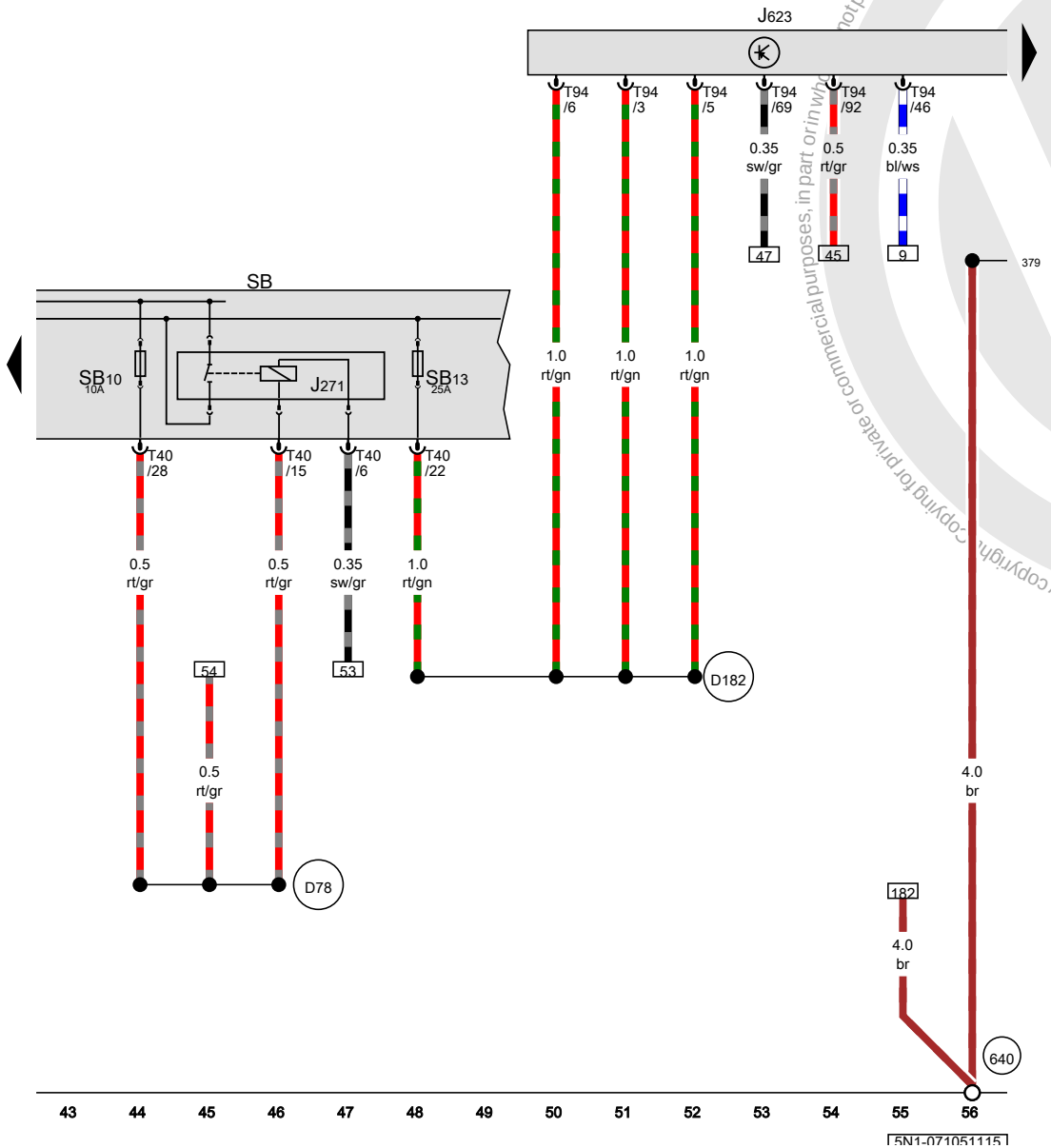
G	Fuel gauge sender
G169	Fuel gauge sender 2
J538	Fuel pump control unit
J757	Engine component current supply relay
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB24	Fuse 24 on fuse holder B
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T40	40-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar

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sw	=	black
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rt	=	red
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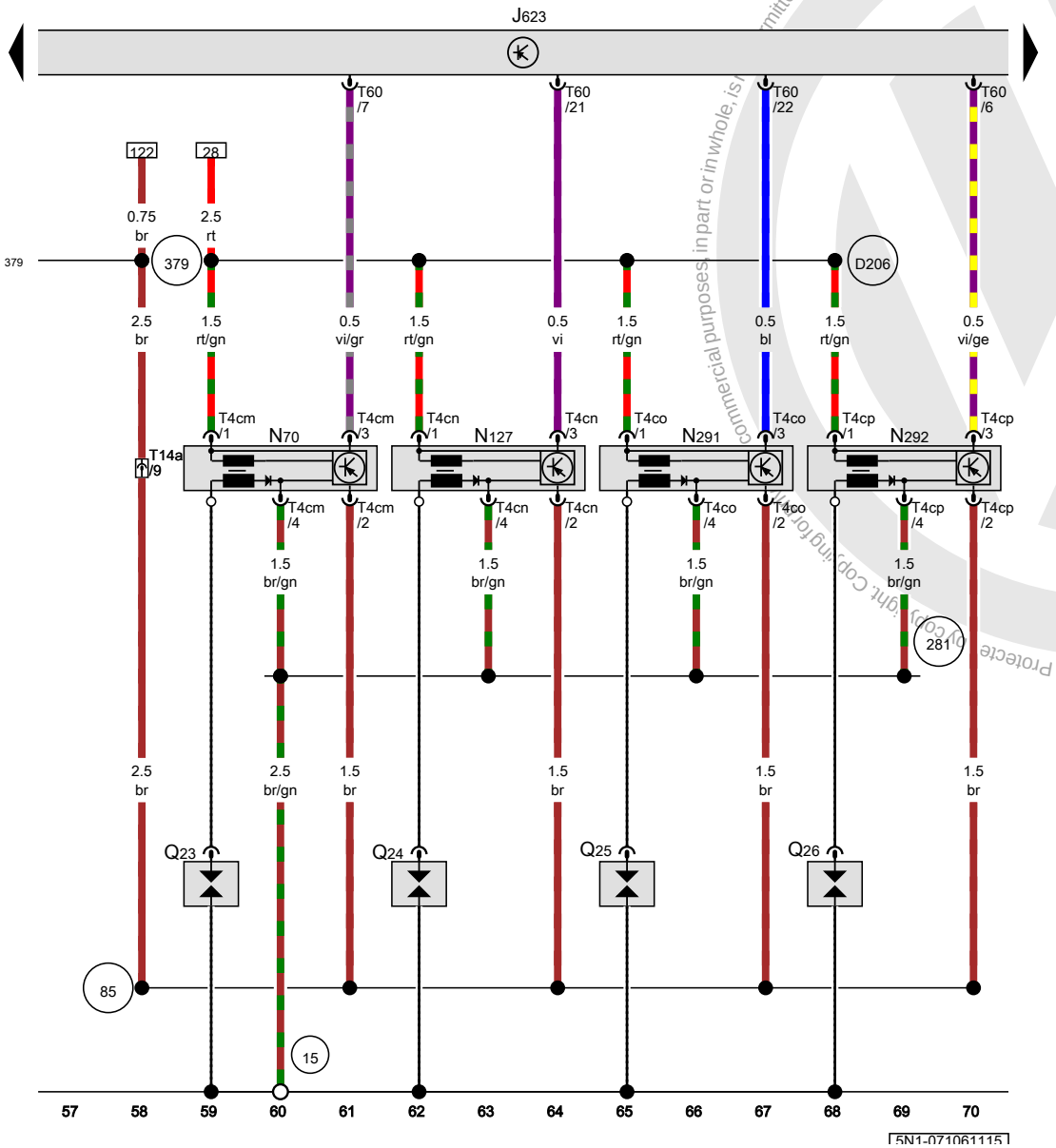
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Main relay, Engine control unit, Fuse holder B

J271	Main relay
J623	Engine control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
T40	40-pin connector
T94	94-pin connector
379	Earth connection 14, in main wiring harness
640	Earth point 2, left in engine compartment
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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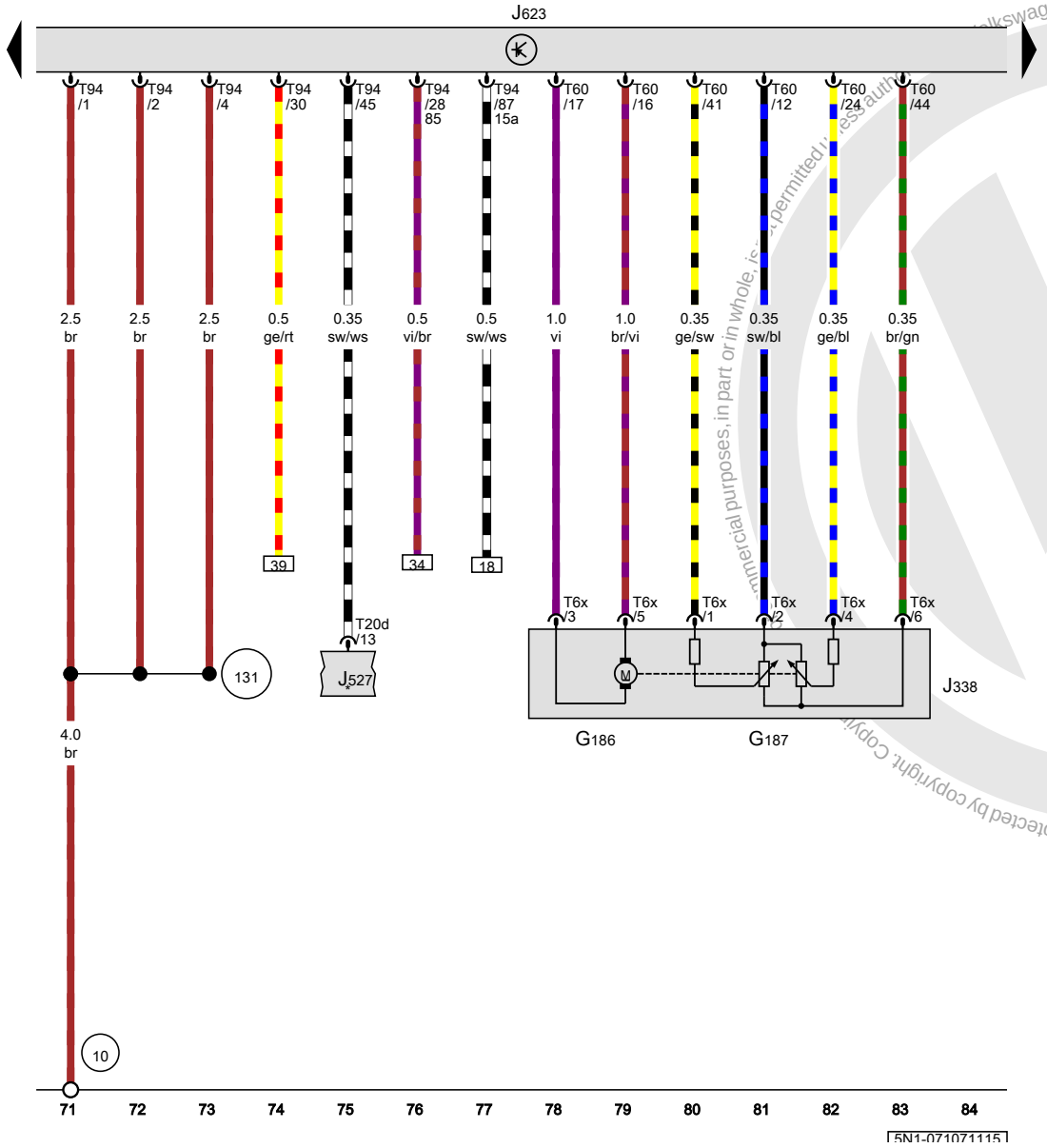
Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
379	Earth connection 14, in main wiring harness
D206	Connection 4 (87a) in engine prewiring harness

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Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve module, Engine control unit

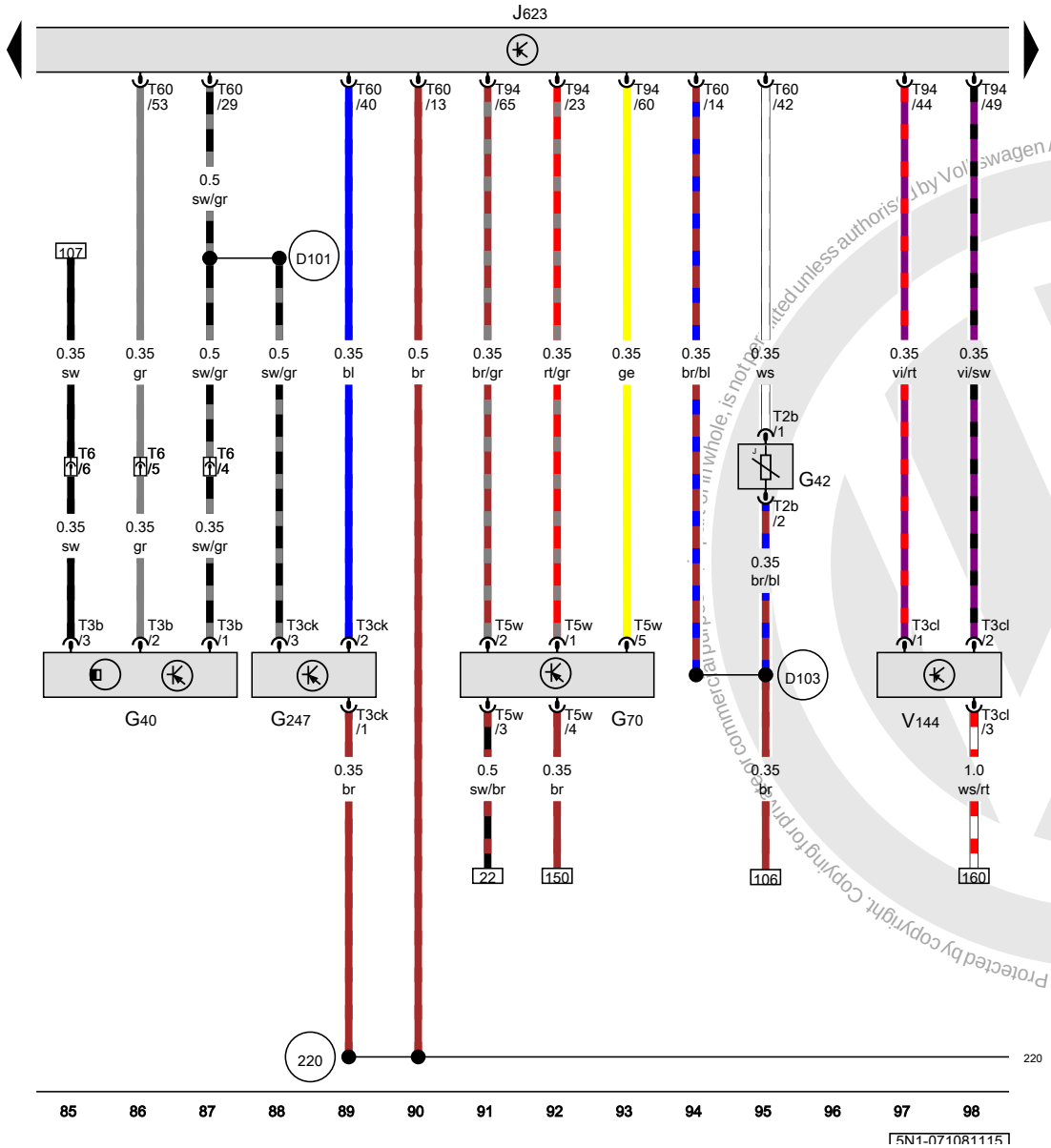


G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
J338	Throttle valve module
J527	Steering column electronics control unit
J623	Engine control unit
T6x	6-pin connector
T20d	20-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)

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Hall sender, Intake air temperature sender, Air mass meter, Fuel pressure sender, Engine control unit, Fuel system diagnostic pump

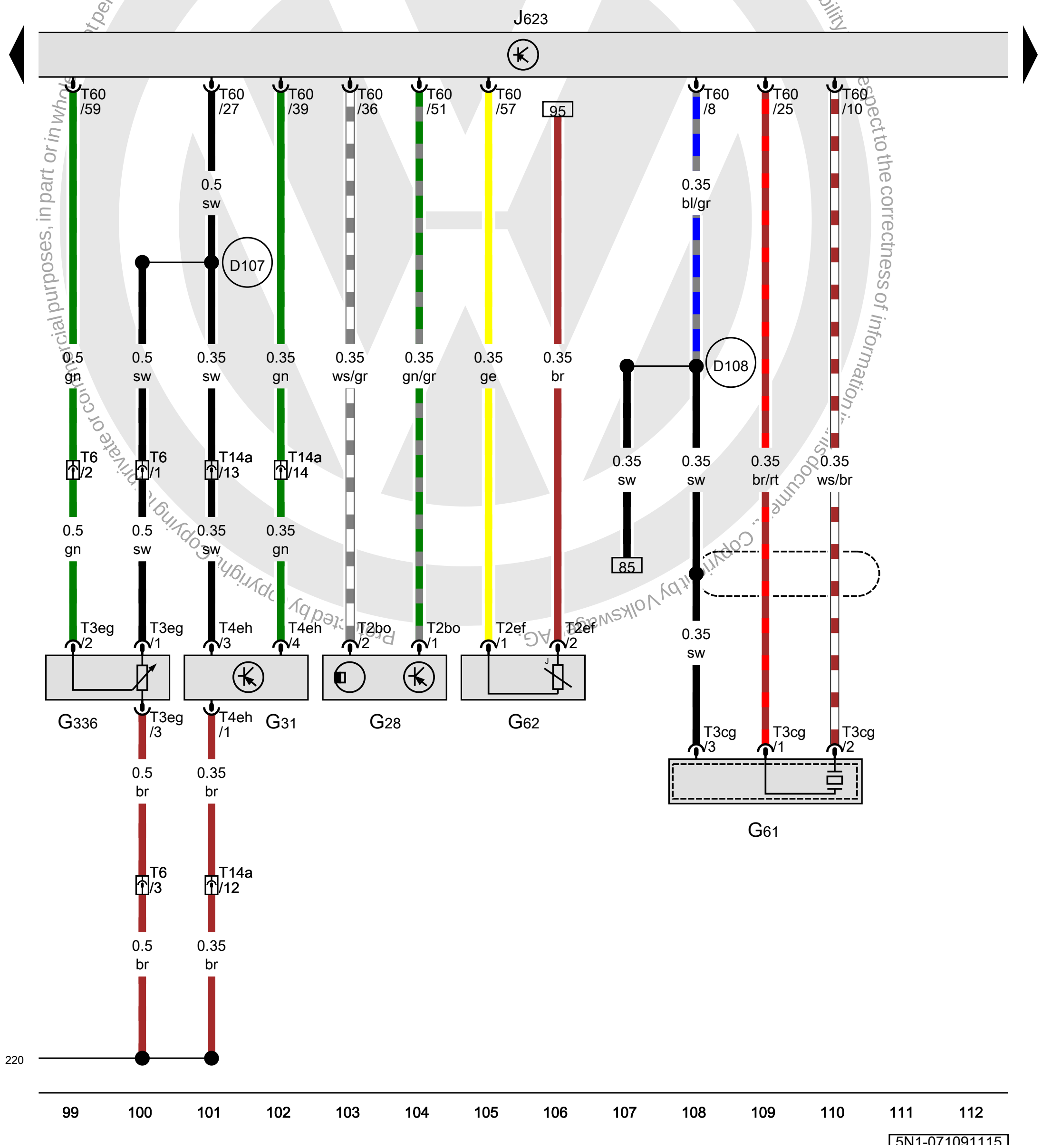


G40	Hall sender
G42	Intake air temperature sender
G70	Air mass meter
G247	Fuel pressure sender
J623	Engine control unit
T2b	2-pin connector
T3b	3-pin connector
T3ck	3-pin connector
T3cl	3-pin connector
T5w	5-pin connector
T6	6-pin connector
T60	60-pin connector
T94	94-pin connector
V144	Fuel system diagnostic pump
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness

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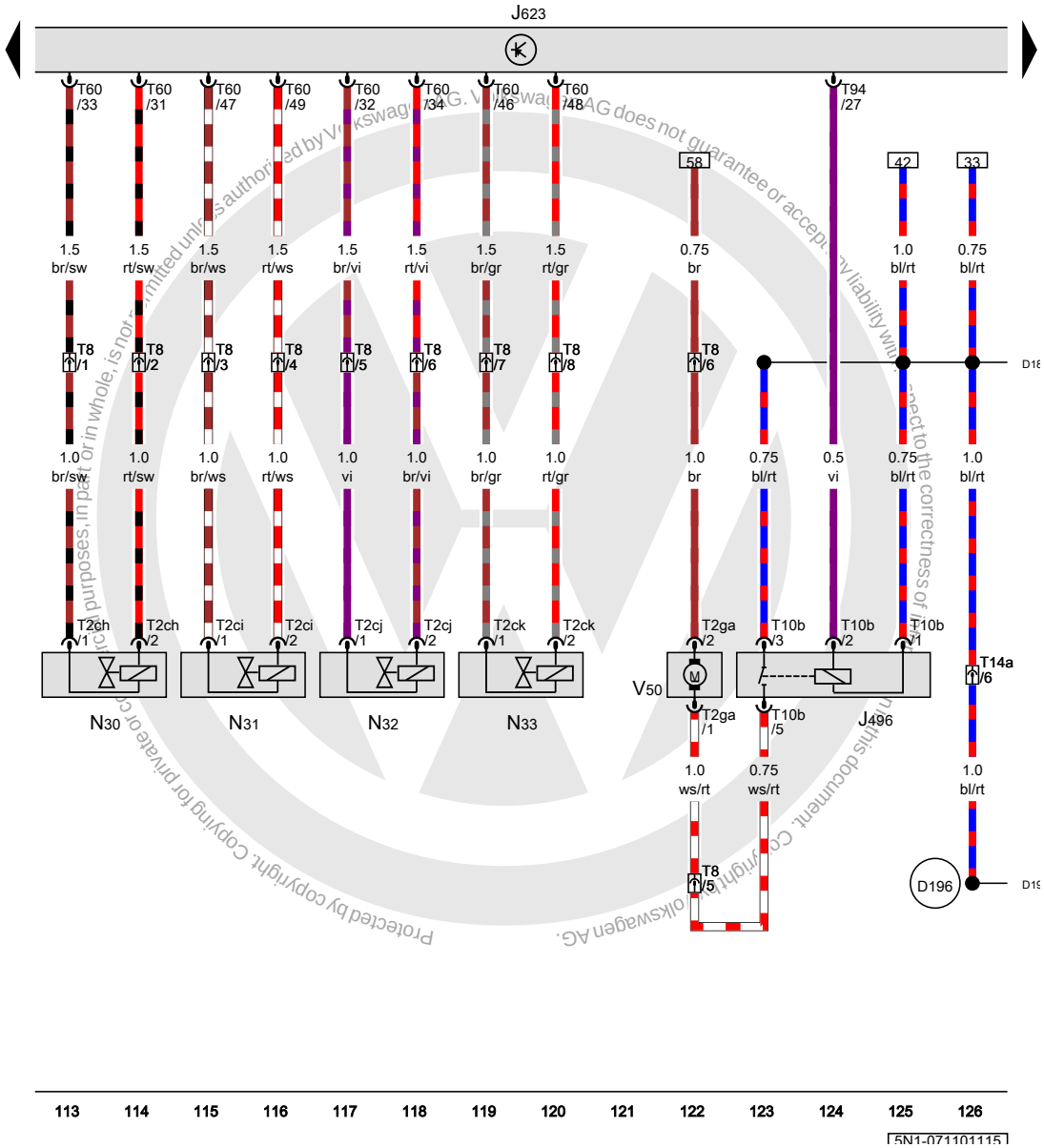
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Engine speed sender, Charge pressure sender, Knock sensor 1, Coolant temperature sender, Intake manifold flap potentiometer, Engine control unit



G28	Engine speed sender	
G31	Charge pressure sender	
G61	Knock sensor 1	
G62	Coolant temperature sender	
G336	Intake manifold flap potentiometer	
J623	Engine control unit	
T2bo	2-pin connector	
T2ef	2-pin connector	
T3cg	3-pin connector	
T3eg	3-pin connector	
T4eh	4-pin connector	
T6	6-pin connector	
T14a	14-pin connector	
T60	60-pin connector	
220	Earth connection (sender earth), in engine wiring harness	
D107	Connection 5 in engine compartment wiring harness	
D108	Connection 6 in engine compartment wiring harness	

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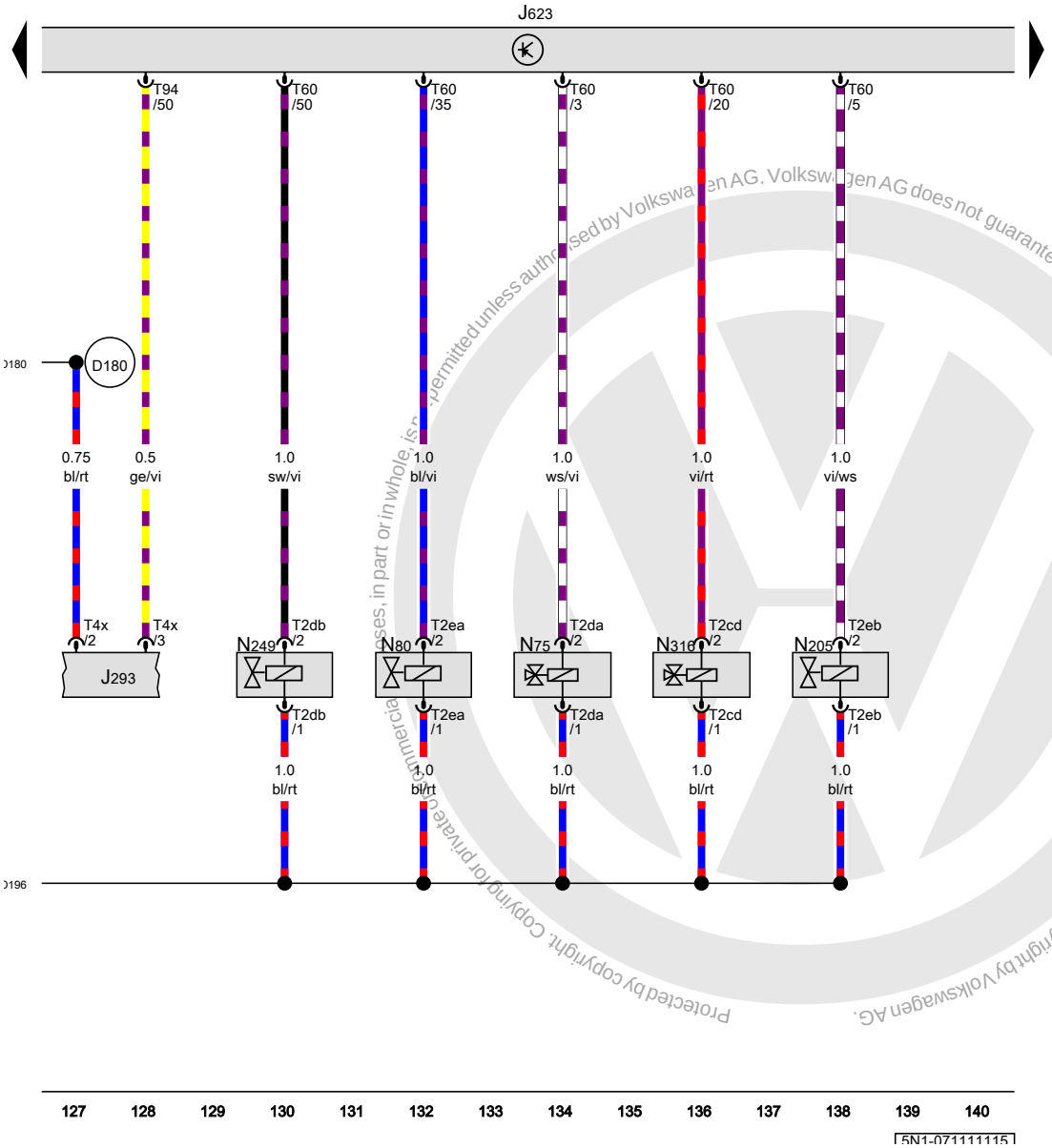


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Additional coolant pump relay, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Coolant circulation pump

J496	Additional coolant pump relay
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T2ga	2-pin connector
T8	8-pin connector
T10b	10-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness

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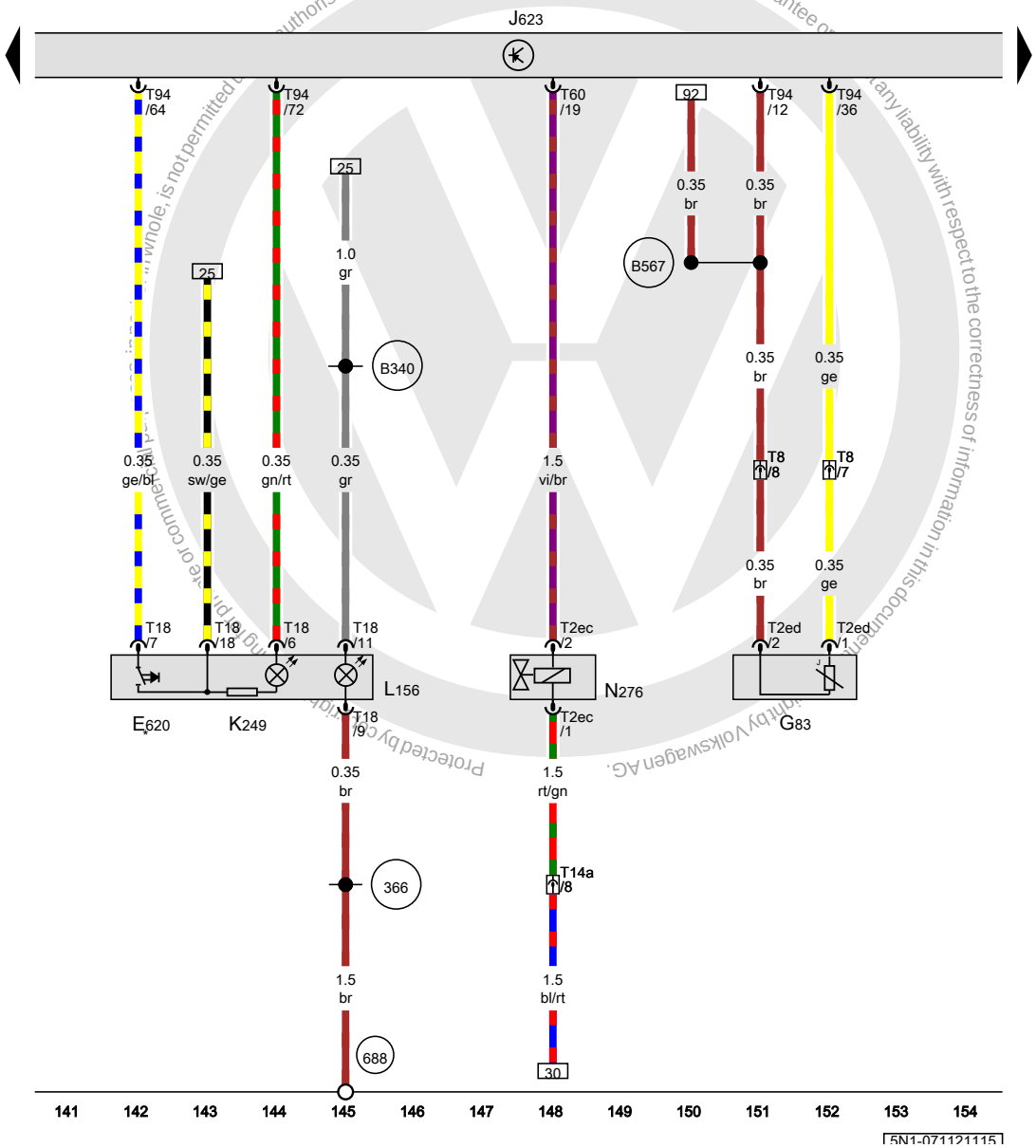
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Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

J293	Radiator fan control unit
J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T2cd	2-pin connector
T2da	2-pin connector
T2db	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T4x	4-pin connector
T60	60-pin connector
T94	94-pin connector
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness

Multifunction module, Radiator outlet coolant temperature sender, Engine control unit, Fuel pressure regulating valve

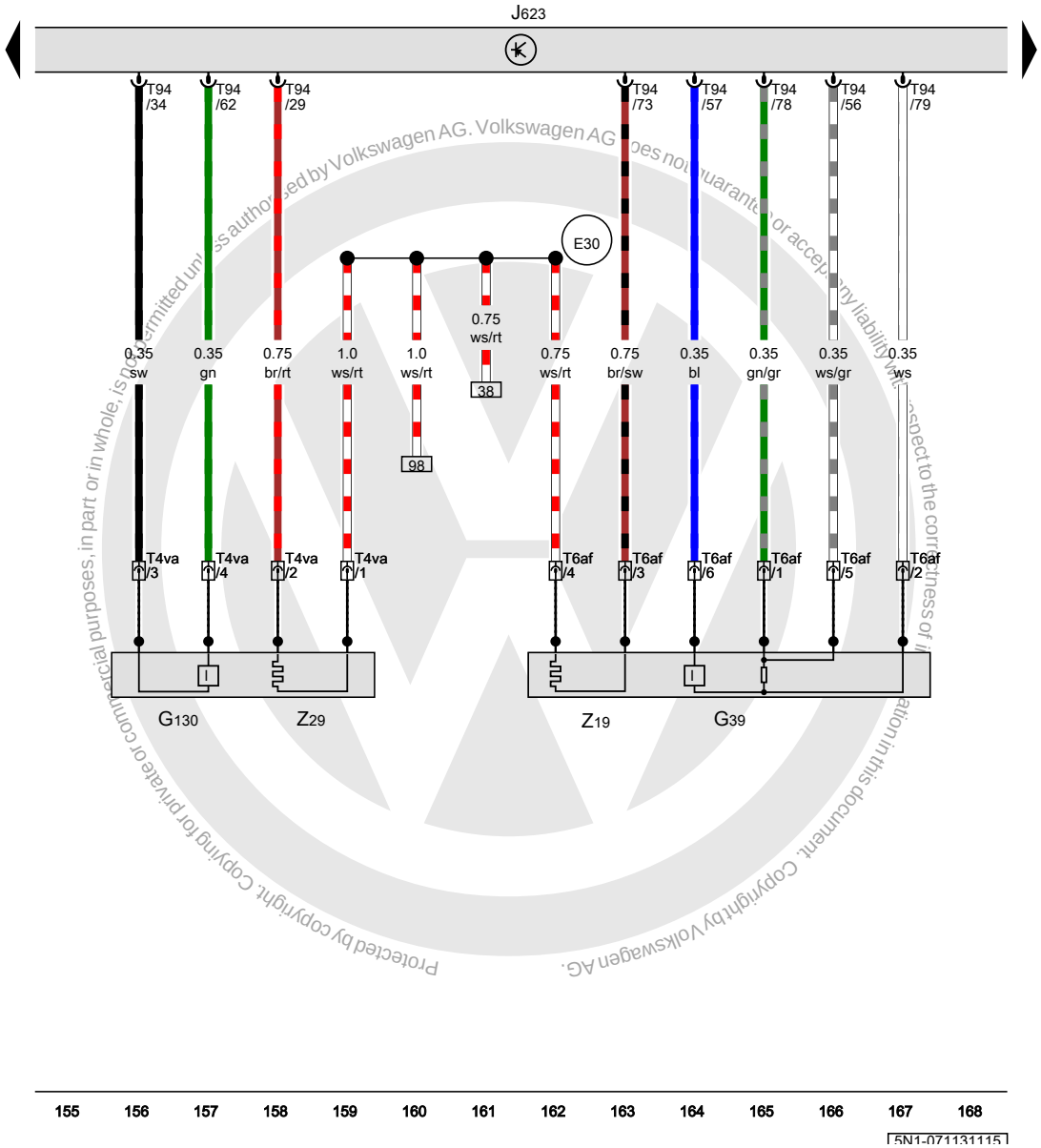


E620	Multifunction module
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
K249	Cold engine warning light
L156	Switch illumination bulb
N276	Fuel pressure regulating valve
T2ec	2-pin connector
T2ed	2-pin connector
T8	8-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
B567	Connection 34, in main wiring harness
*	According to equipment

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Lambda probe, Lambda probe after catalytic converter, Engine control unit

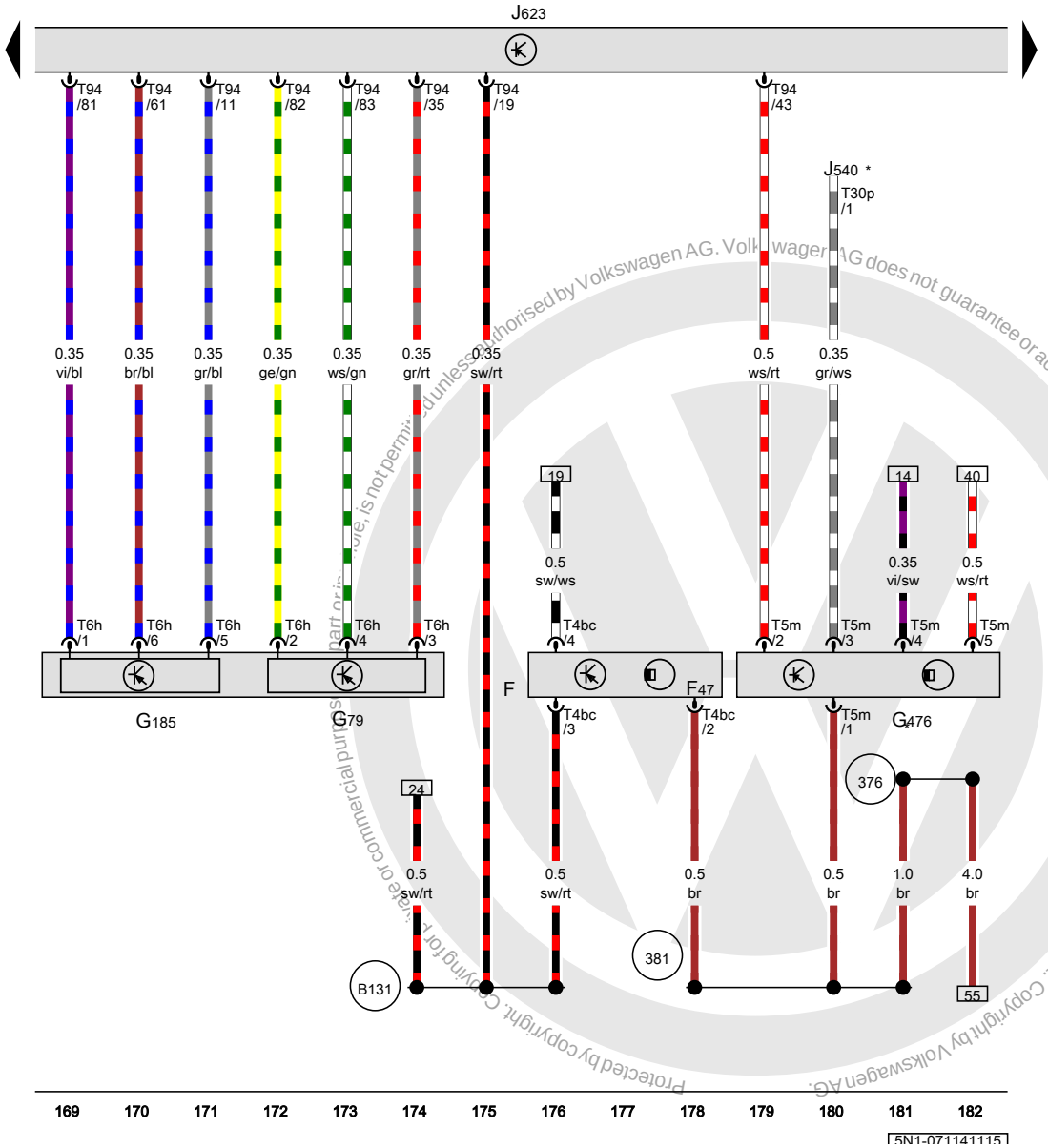
G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4va	4-pin connector
T6af	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
E30	Connection (87a), in engine wiring harness



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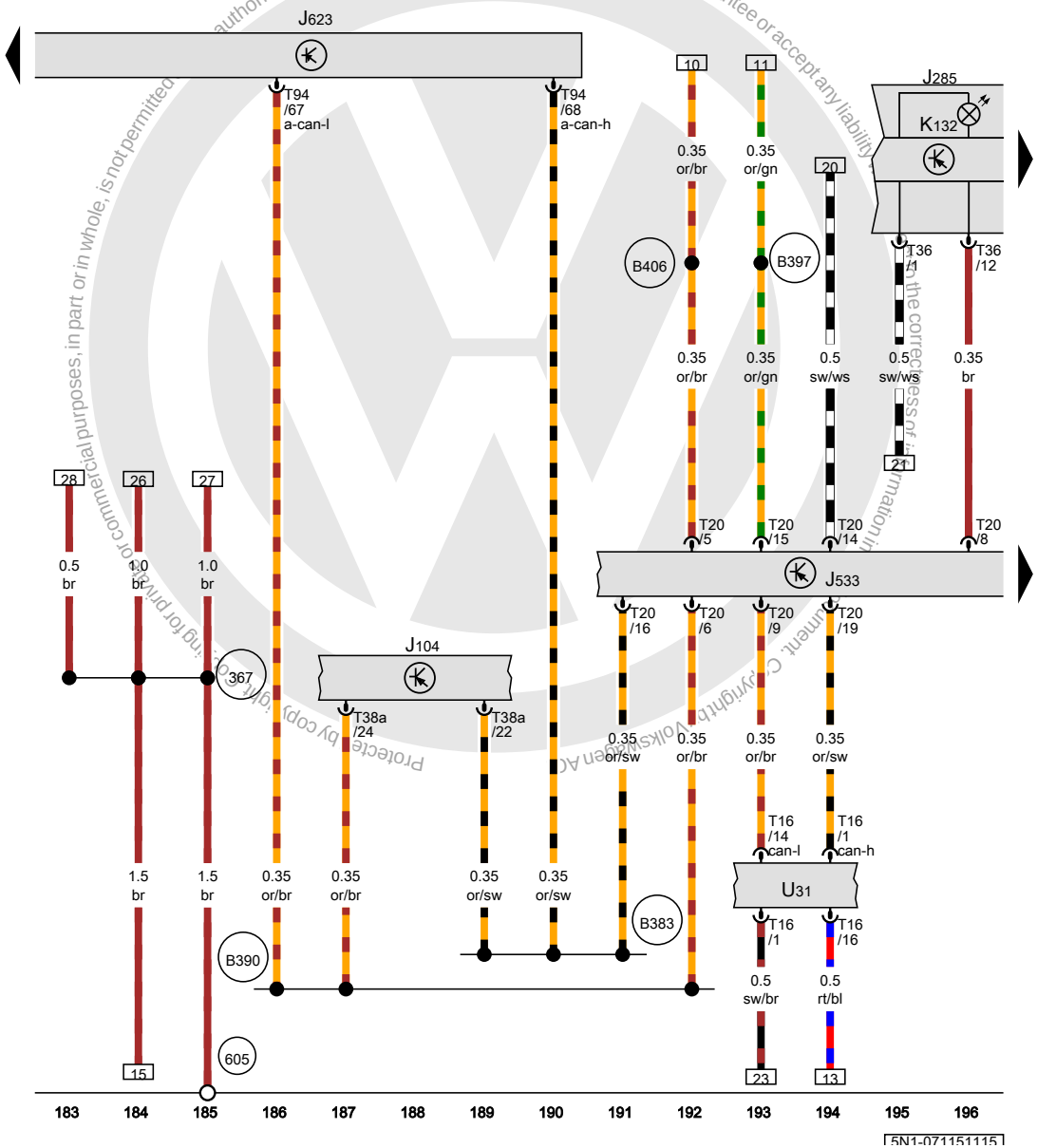
Brake light switch, Accelerator position sender, Accelerator position sender 2, Clutch position sender, Engine control unit



F	Brake light switch
F47	Brake pedal switch
G79	Accelerator position sender
G185	Accelerator position sender 2
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T4bc	4-pin connector
T5m	5-pin connector
T6h	6-pin connector
T30p	30-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness
*	Only models with manual gearbox

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or	=	orange
rs	=	pink

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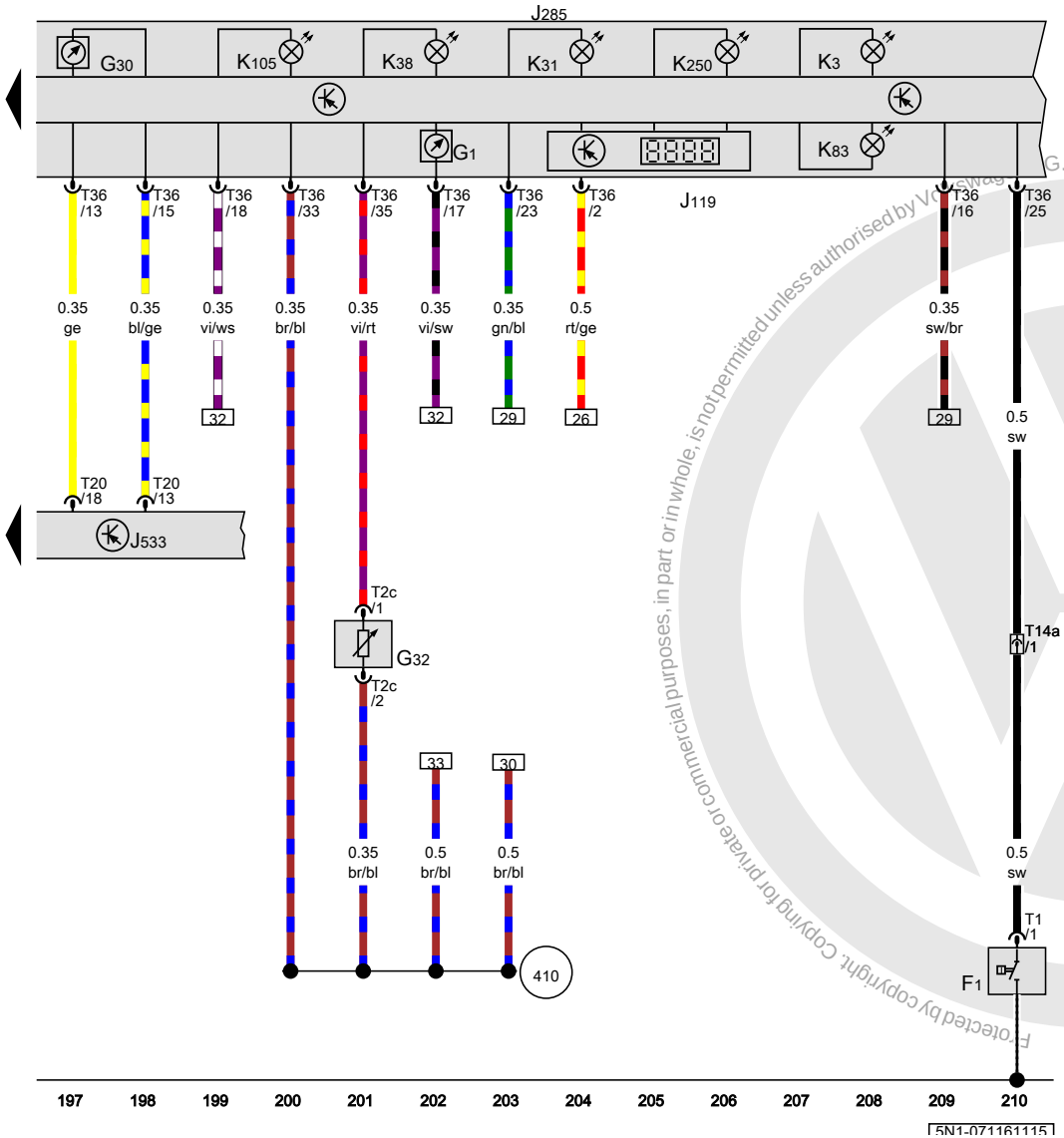
ABS control unit, Control unit in dash panel insert, Data bus diagnostic interface, Engine control unit

J104	ABS control unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine control unit
K132	Electronic power control fault lamp
T16	16-pin connector
T20	20-pin connector
T36	36-pin connector
T38a	38-pin connector
T94	94-pin connector
U31	Diagnostic connection
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

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Oil pressure switch, Coolant shortage indicator sender, Control unit in dash panel insert, Data bus diagnostic interface



F1	Oil pressure switch
G1	Fuel gauge
G30	Charge air pressure gauge
G32	Coolant shortage indicator sender
J119	Multifunction indicator
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K3	Oil pressure warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K83	Exhaust emissions warning lamp
K105	Reserve fuel warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T2c	2-pin connector
T14a	14-pin connector
T20	20-pin connector
T36	36-pin connector
(410)	Earth connection 1 (sender earth) in main wiring harness

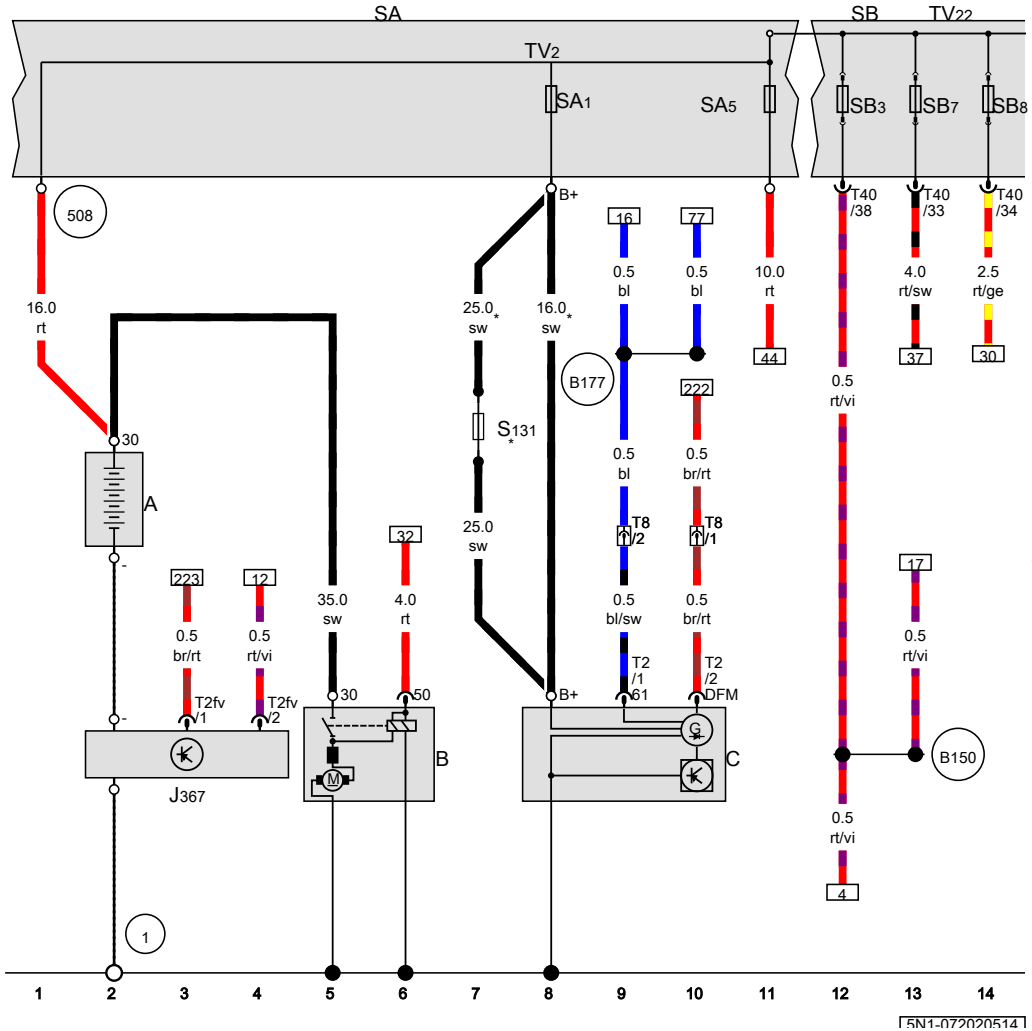
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2.0l diesel engine with start/stop system , CFFB

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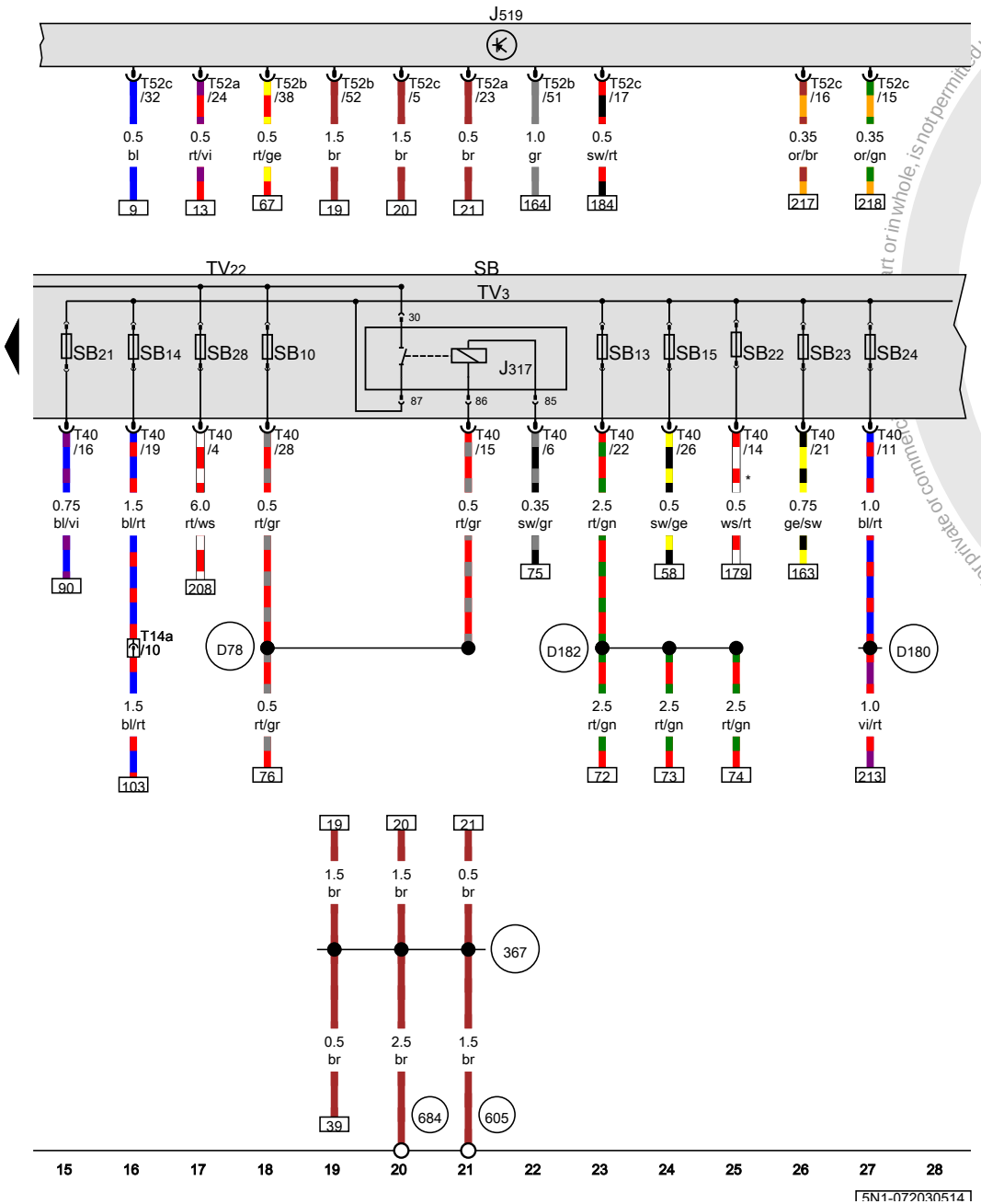


Battery, Alternator, Battery monitor control unit

A	Battery
B	Starter
C	Alternator
J367	Battery monitor control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
S131	Fuse 1, in alternator wire
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T2	2-pin connector
T2fv	2-pin connector
TV2	Terminal 30 wiring junction
T8	8-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
1	Earth strap, battery - body
508	Threaded connection (30) on E-box
B150	Positive connection 2 (30a), in interior wiring harness
B177	Connection (61), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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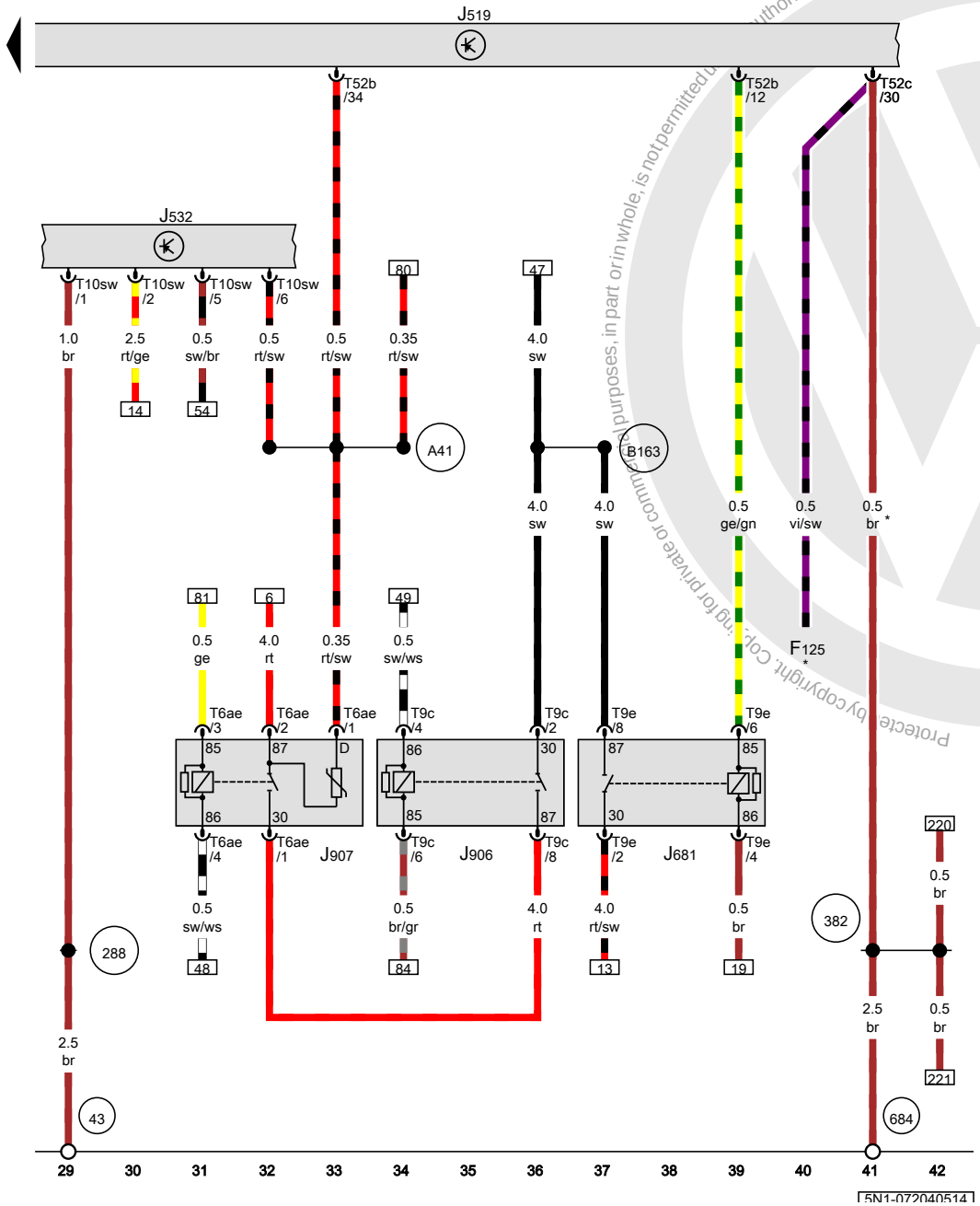
Terminal 30 voltage supply relay, Onboard supply control unit

J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
SB28	Fuse 28 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
D78	Positive connection 1 (30a), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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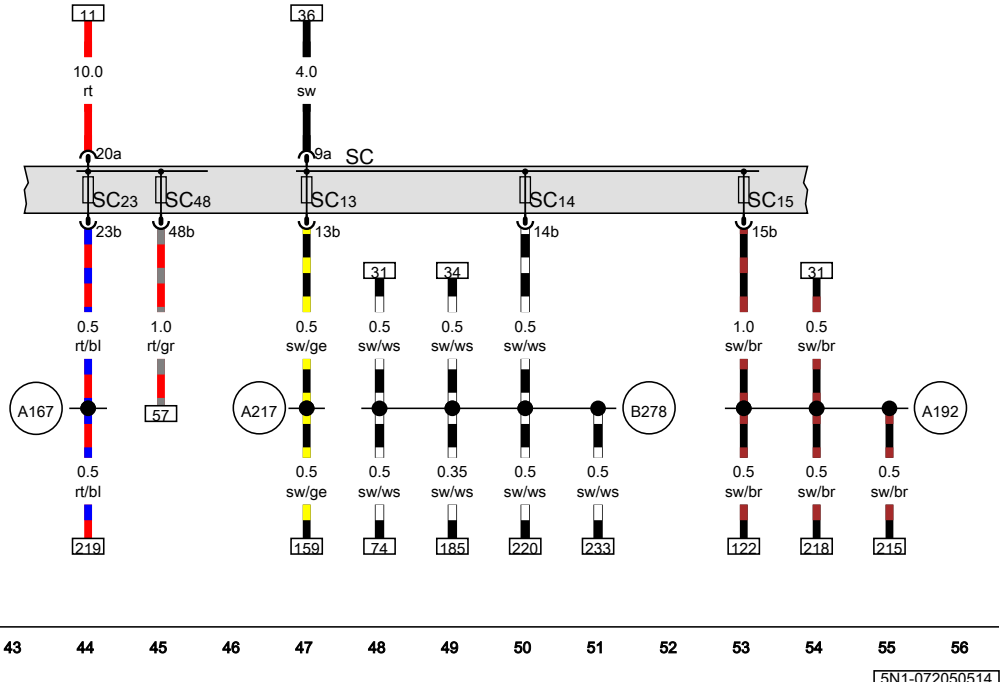
Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2

F125	Multifunction switch
J519	Onboard supply control unit
J532	Voltage stabiliser
J681	Terminal 15 voltage supply relay 2
J906	Starter relay 1
J907	Starter relay 2
T6ae	6-pin connector
T9c	9-pin connector
T9e	9-pin connector
T10sw	10-pin connector
T52b	52-pin connector
T52c	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
A41	Positive connection (50), in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
*	According to equipment

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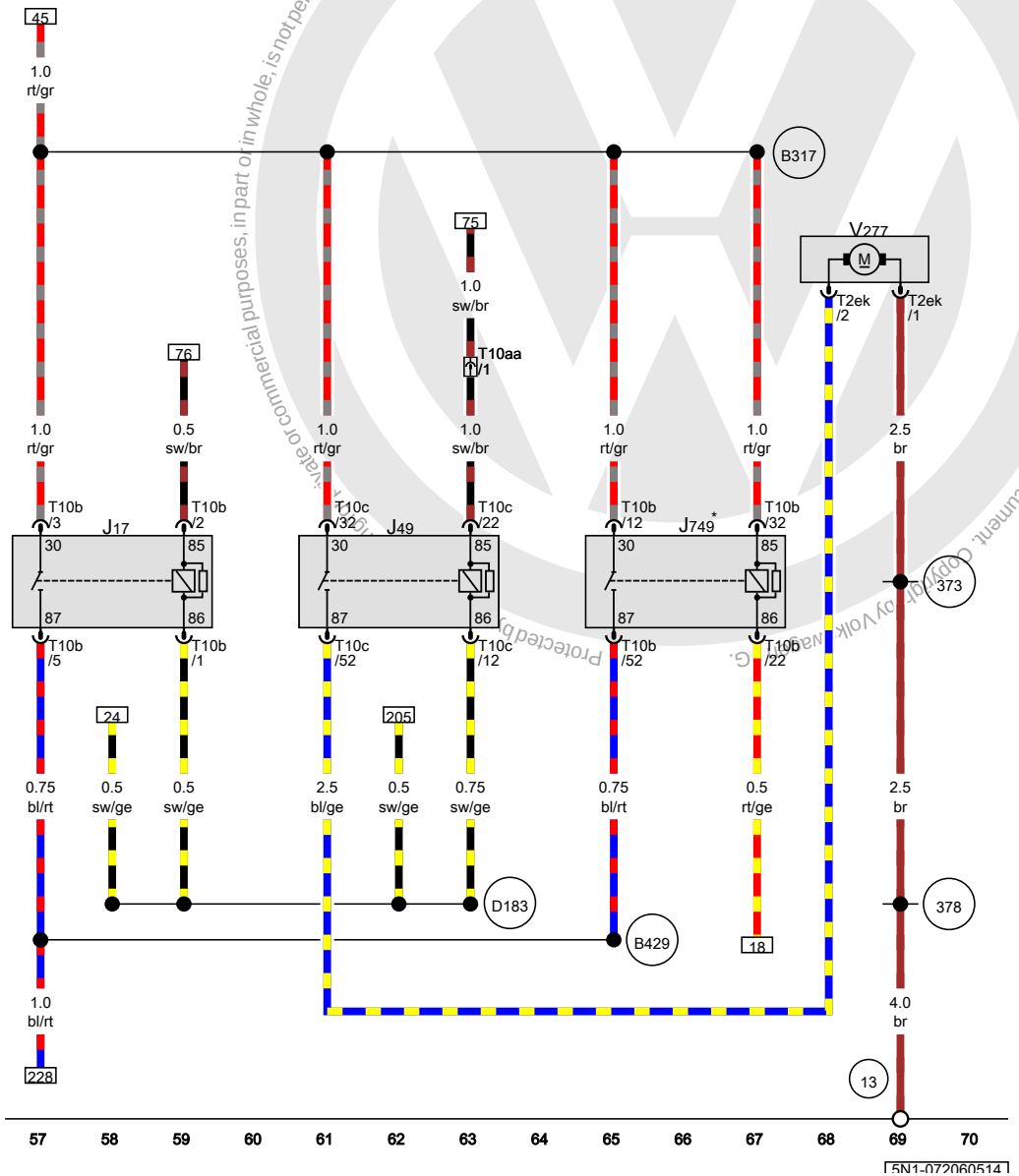
Fuse holder C

SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC48	Fuse 48 on fuse holder C
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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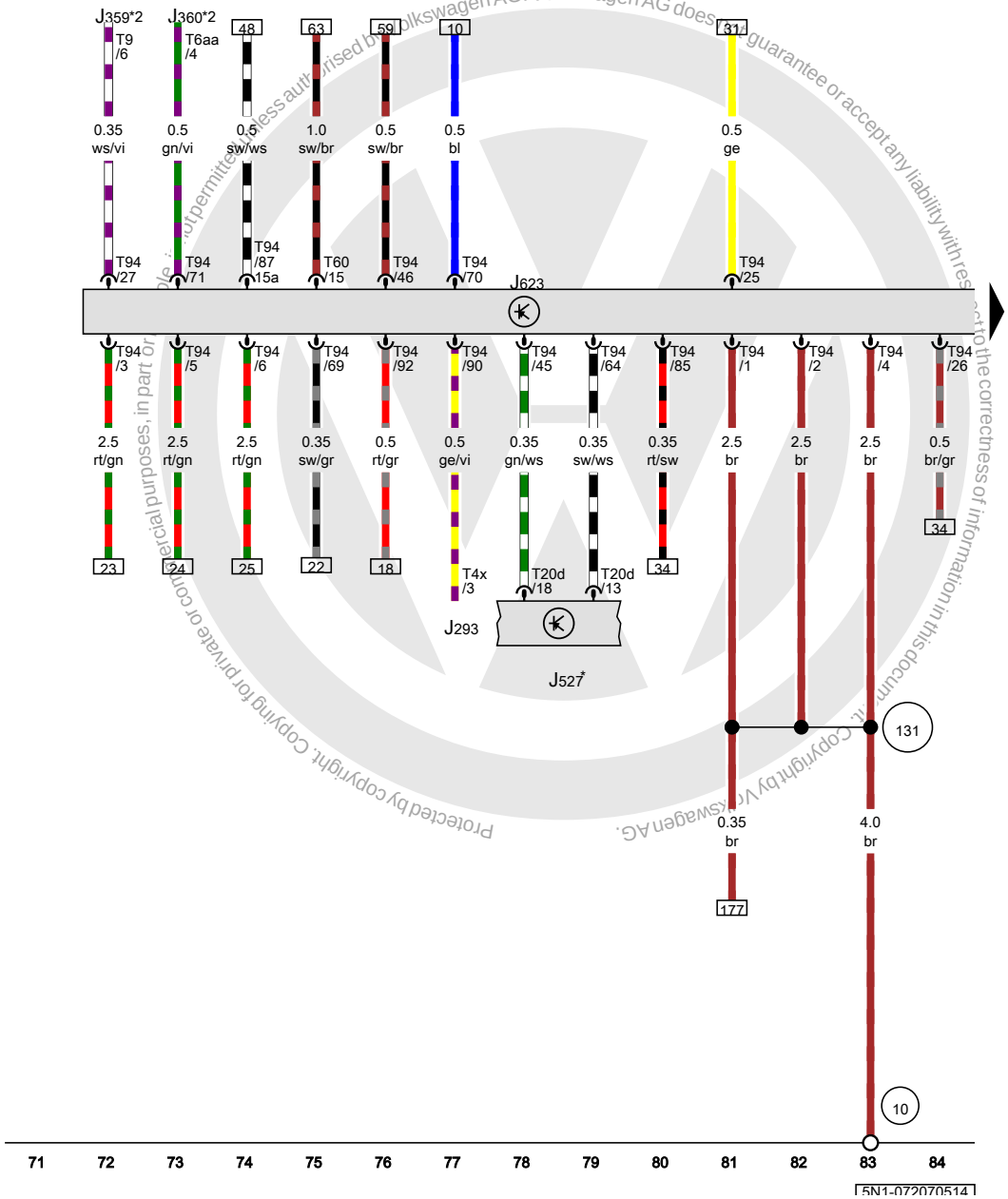
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Fuel pump relay, Electric fuel pump 2 relay, Fuel pump relay for auxiliary heater, Fuel pump 2

J17	Fuel pump relay
J49	Electric fuel pump 2 relay
J749	Fuel pump relay for auxiliary heater
T2ek	2-pin connector
T10aa	10-pin connector
T10b	10-pin connector
T10c	10-pin connector
V277	Fuel pump 2
13	Earth point, on right in engine compartment
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B429	Connection (EFPR), in main wiring harness
D183	Connection 4 (87a) in engine compartment wiring harness
*	Only models with auxiliary coolant heater

Steering column electronics control unit, Engine control unit

J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J527	Steering column electronics control unit
J623	Engine control unit
T4x	4-pin connector
T6aa	6-pin connector
T9	9-pin connector
T20d	20-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)
*2	According to equipment

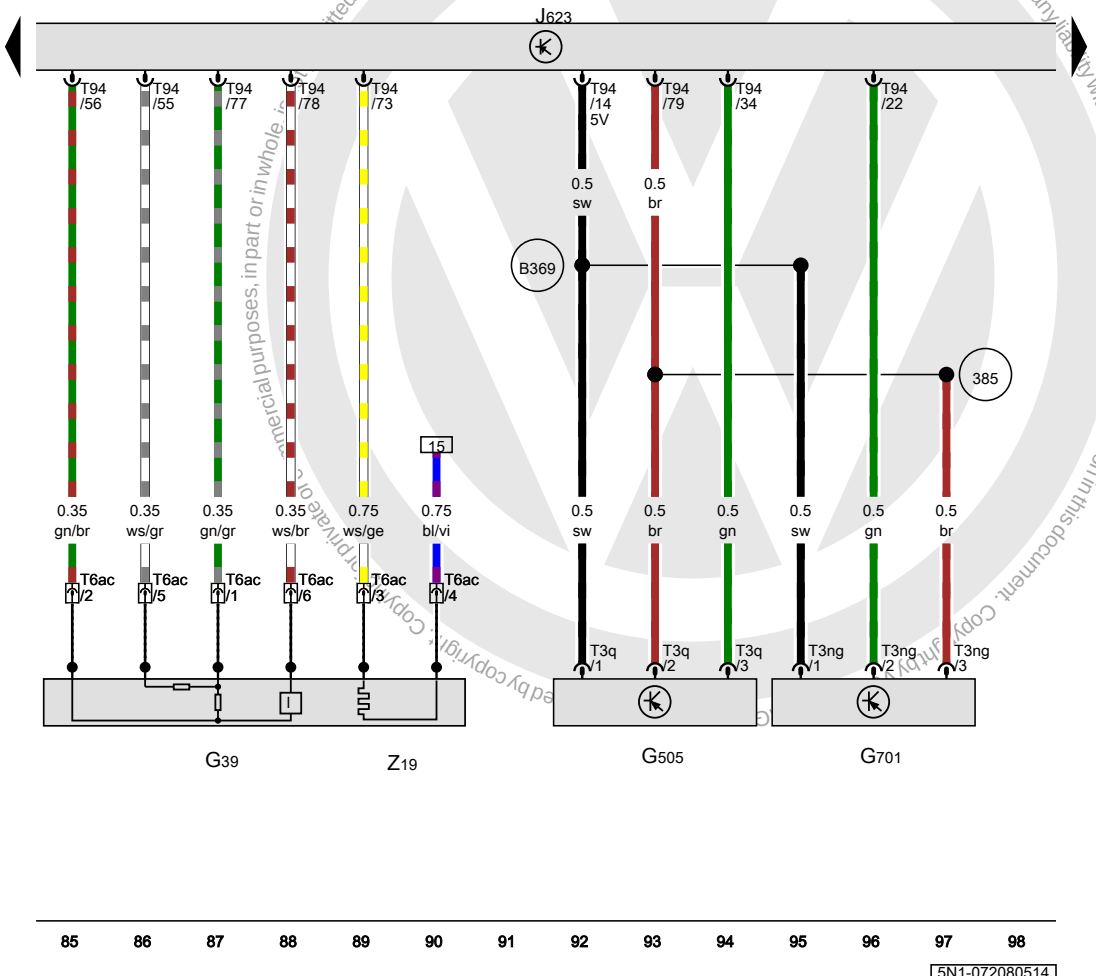


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Lambda probe, Pressure differential sender, Gearbox neutral position sender, Engine control unit

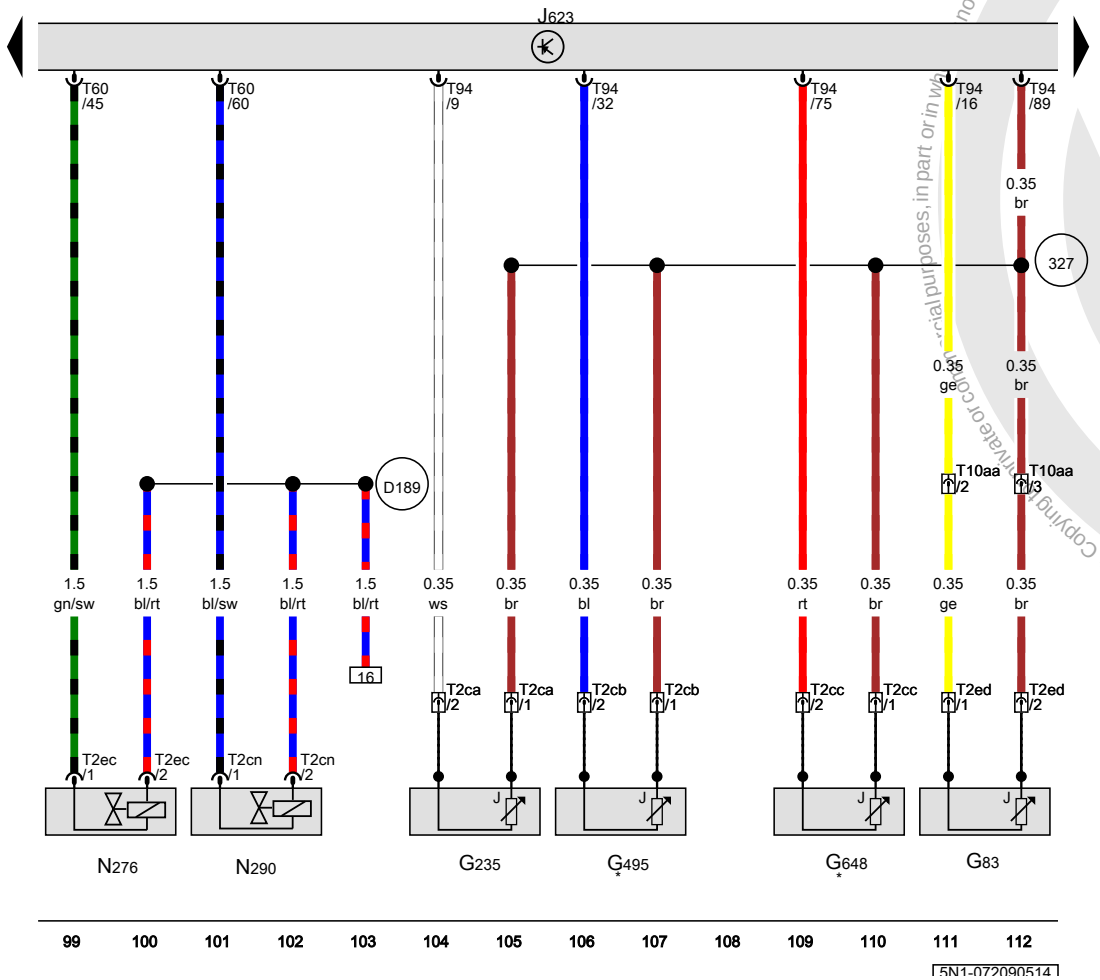
G39	Lambda probe
G505	Pressure differential sender
G701	Gearbox neutral position sender
J623	Engine control unit
T3ng	3-pin connector
T3q	3-pin connector
T6ac	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater
385	Earth connection 20, in main wiring harness
B369	Connection 1 (5V), in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit, Fuel pressure regulating valve, Fuel metering valve



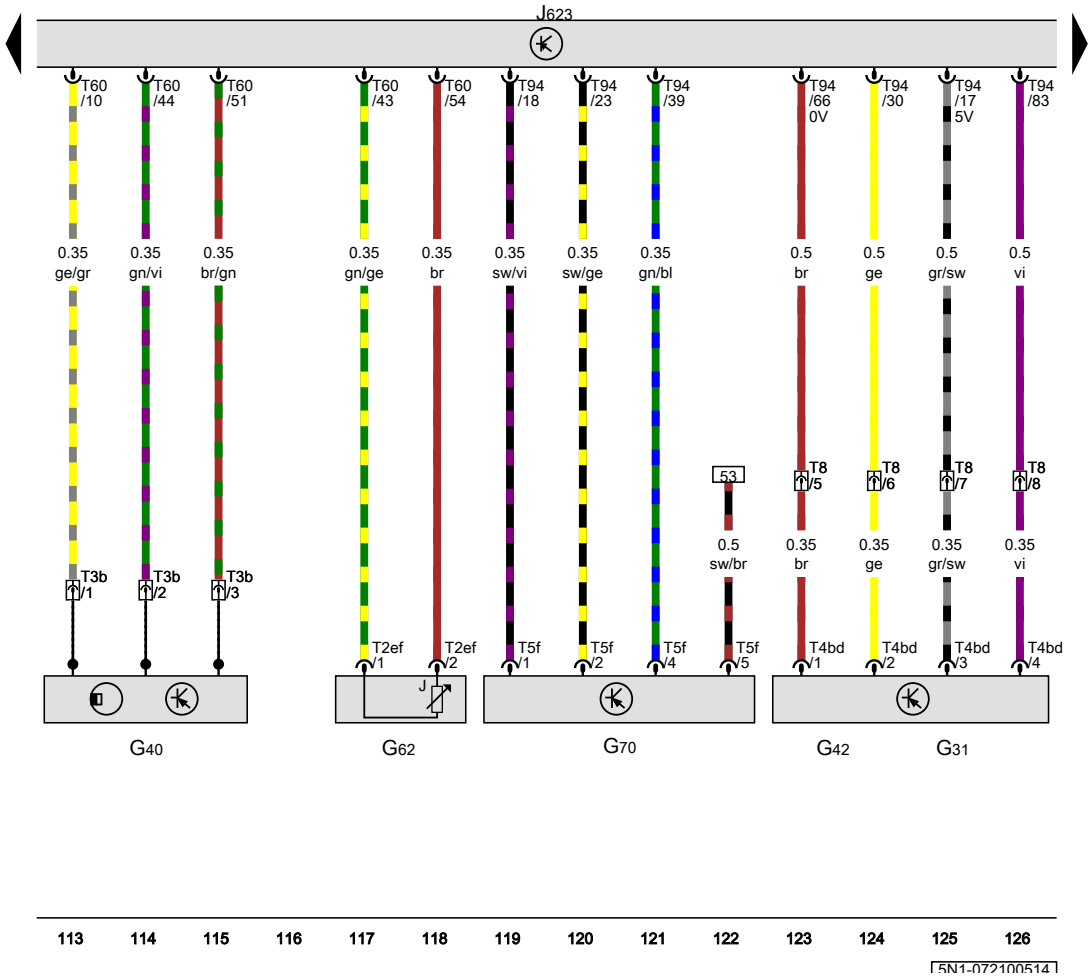
G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2ca	2-pin connector
T2cb	2-pin connector
T2cc	2-pin connector
T2cn	2-pin connector
T2ec	2-pin connector
T2ed	2-pin connector
T10aa	10-pin connector
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Charge pressure sender, Hall sender, Intake air temperature sender, Coolant temperature sender, Air mass meter, Engine control unit

G31	Charge pressure sender
G40	Hall sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G70	Air mass meter
J623	Engine control unit
T2ef	2-pin connector
T3b	3-pin connector
T4bd	4-pin connector
T5f	5-pin connector
T8	8-pin connector
T60	60-pin connector
T94	94-pin connector

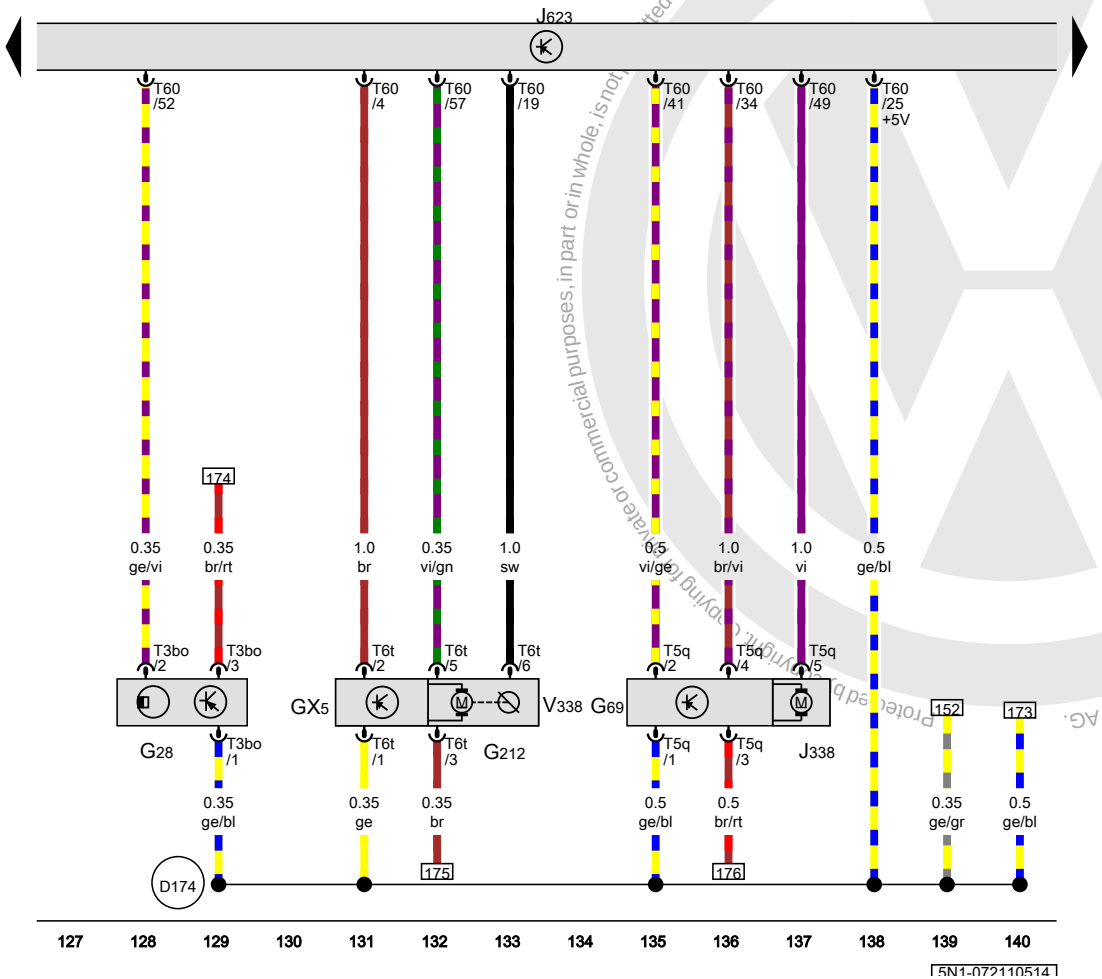


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Exhaust gas recirculation valve 1, Engine speed sender, Throttle valve potentiometer, Exhaust gas recirculation potentiometer, Engine control unit, Exhaust gas recirculation control motor

GX5	Exhaust gas recirculation valve 1
G28	Engine speed sender
G69	Throttle valve potentiometer
G212	Exhaust gas recirculation potentiometer
J338	Throttle valve module
J623	Engine control unit
T3bo	3-pin connector
T5q	5-pin connector
T6t	6-pin connector
T60	60-pin connector
V338	Exhaust gas recirculation control motor
D174	Connection 2 (5V) in engine prewiring harness

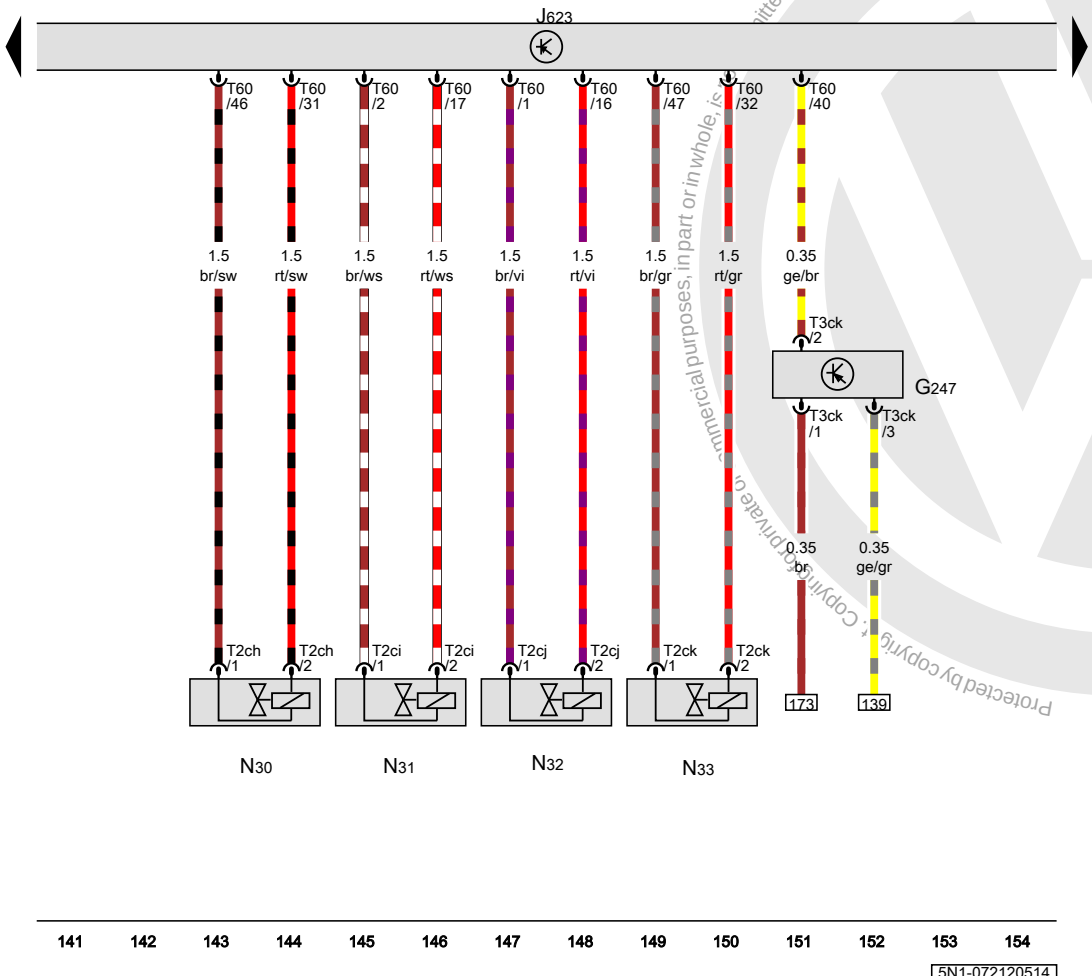


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Fuel pressure sender, Engine control unit, Injector, cylinder 1

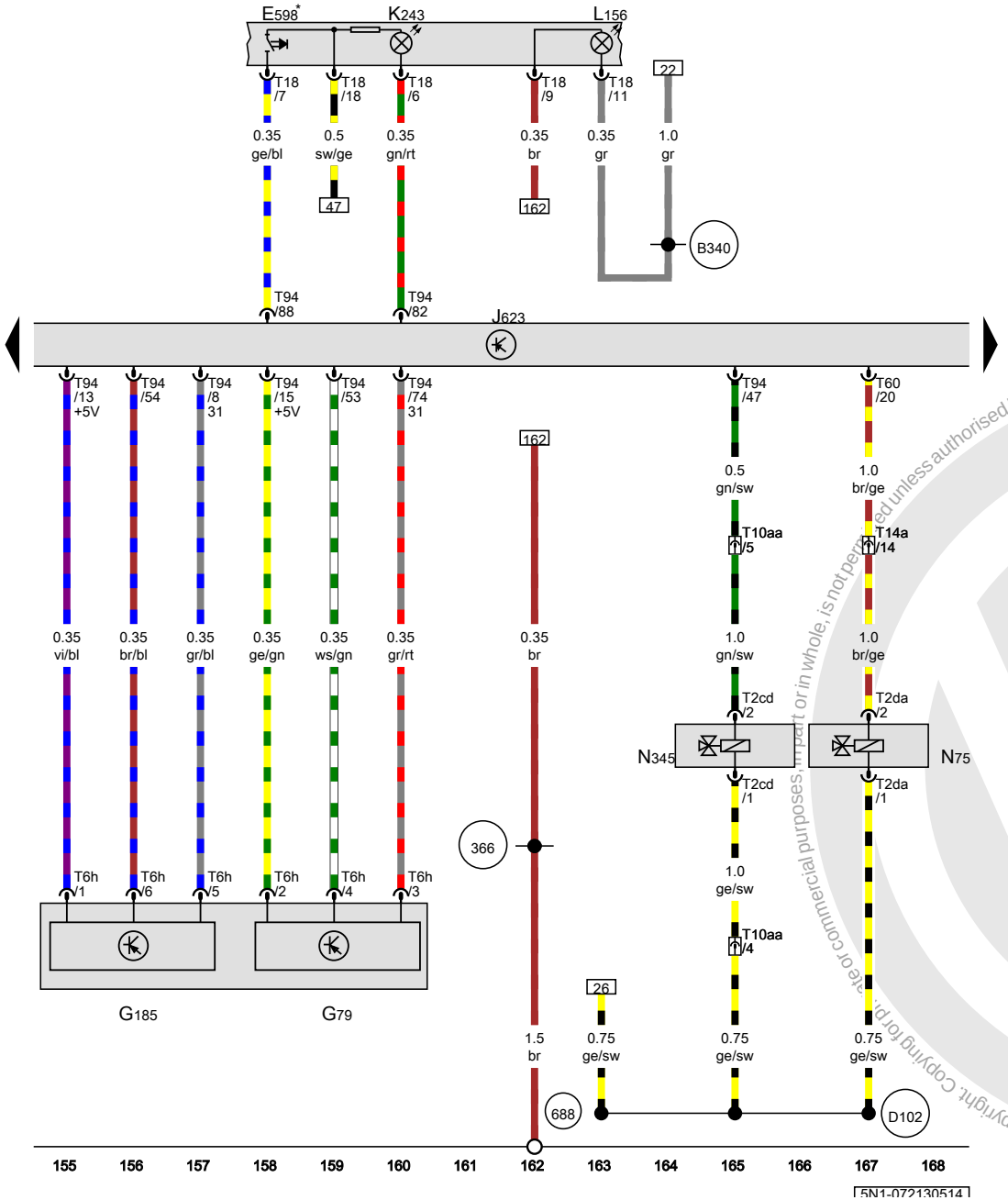
G247	Fuel pressure sender
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T3ck	3-pin connector
T60	60-pin connector



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rt	=	red
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Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve



E598 Driving program button
G79 Accelerator position sender
G185 Accelerator position sender 2
J623 Engine control unit
K243 Driving program warning light
L156 Switch illumination bulb
N75 Charge pressure control solenoid valve
N345 Exhaust gas recirculation cooler changeover valve
T2cd 2-pin connector
T2da 2-pin connector
T6h 6-pin connector
T10aa 10-pin connector
T14a 14-pin connector
T18 18-pin connector
T60 60-pin connector
T94 94-pin connector

366 Earth connection 1, in main wiring harness

688 Earth point 2, on centre tunnel

B340 Connection 1 (58d), in main wiring harness

D102 Connection 2 in engine compartment wiring harness

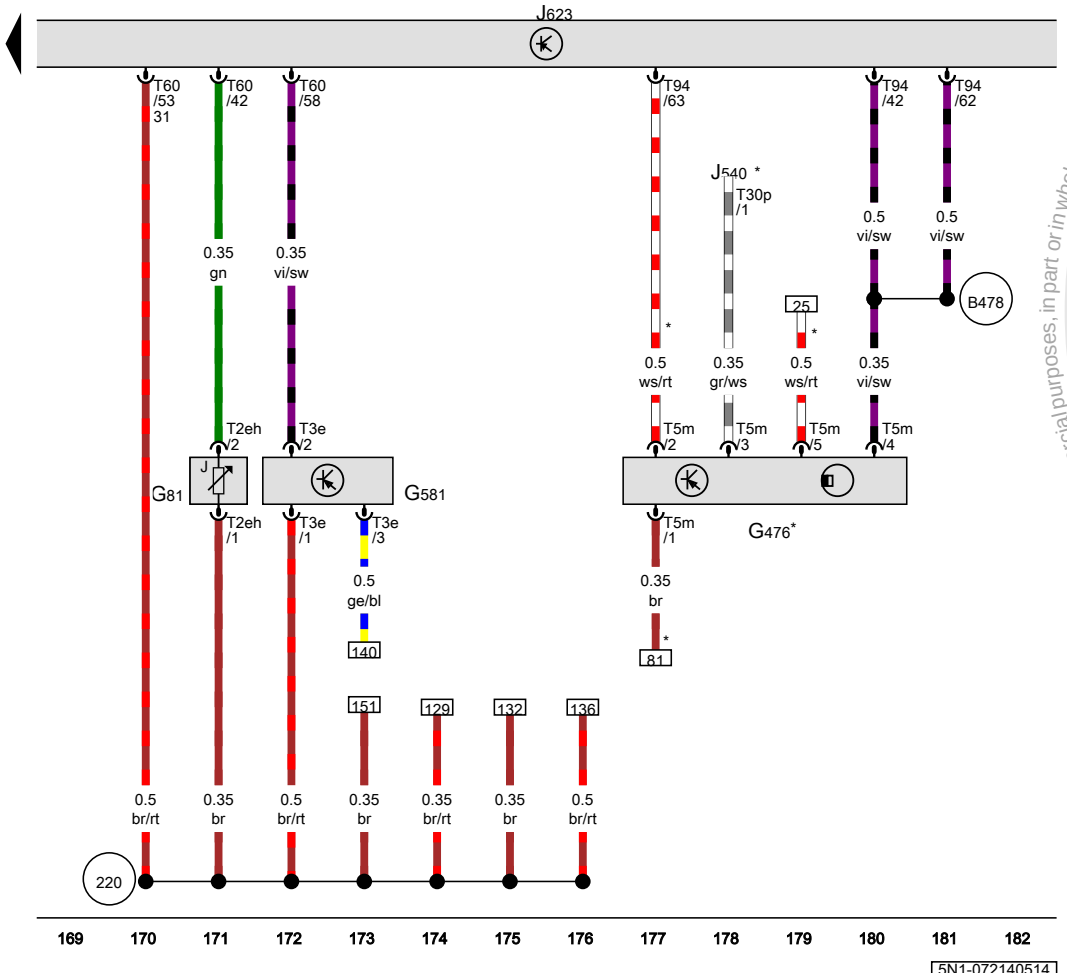
* According to equipment

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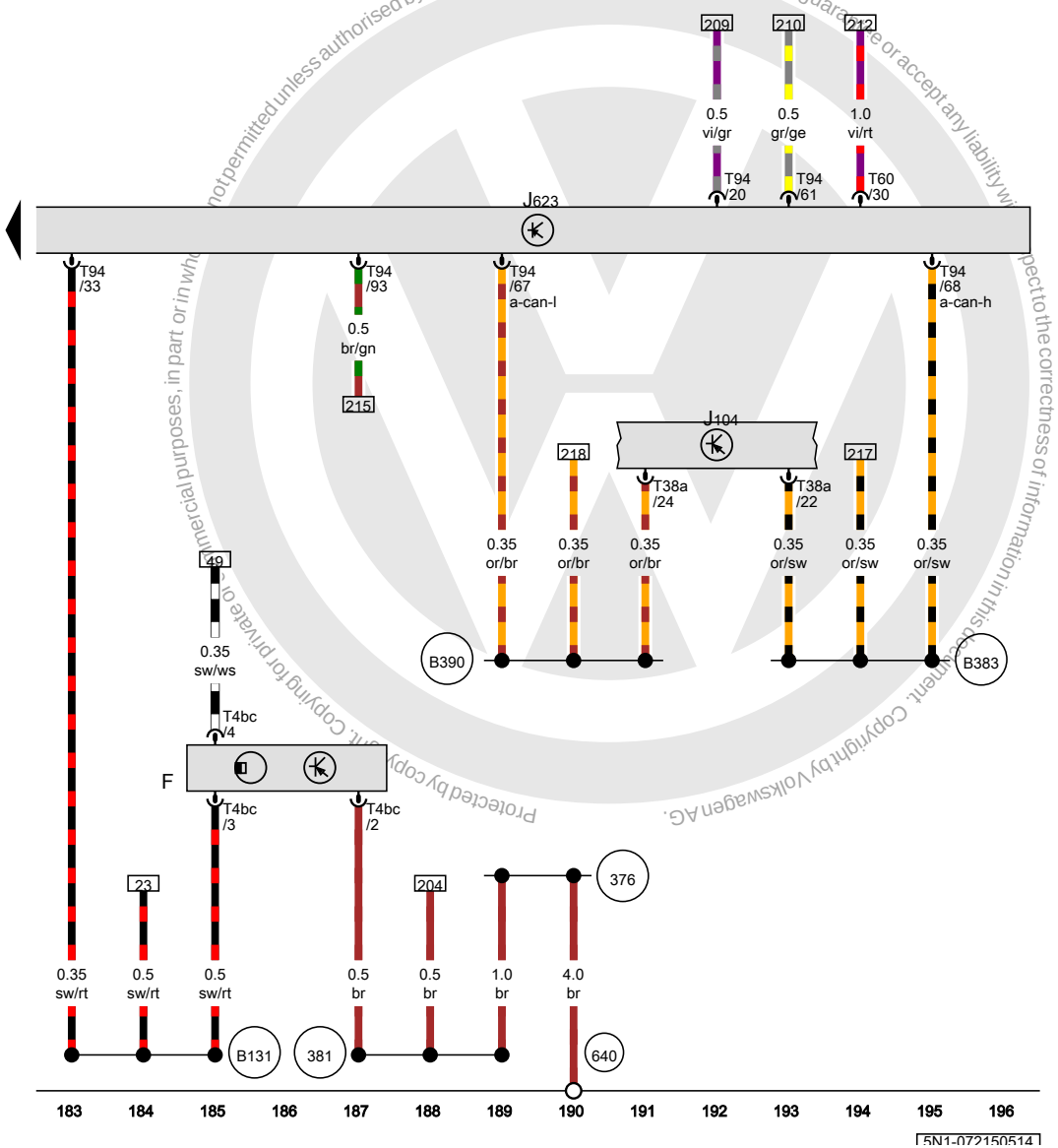
Fuel temperature sender, Clutch position sender, Position sender for charge pressure positioner, Engine control unit

G81	Fuel temperature sender
G476	Clutch position sender
G581	Position sender for charge pressure positioner
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T2eh	2-pin connector
T3e	3-pin connector
T5m	5-pin connector
T30p	30-pin connector
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
B478	Connection 14, in main wiring harness
*	Only models with manual gearbox



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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Brake light switch, Engine control unit

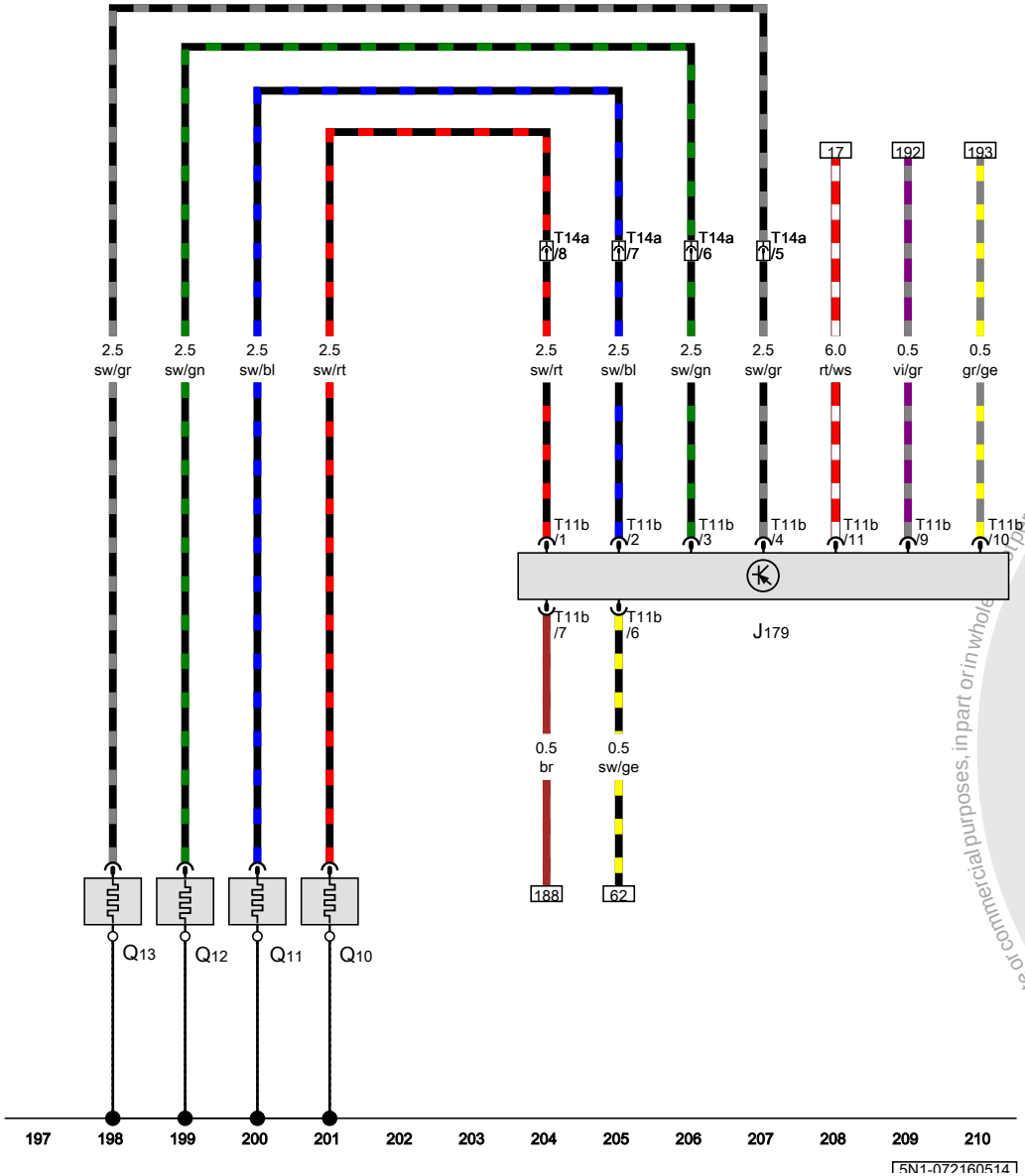
F	Brake light switch
J104	ABS control unit
J623	Engine control unit
T4bc	4-pin connector
T38a	38-pin connector
T60	60-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B131	Connection (54), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
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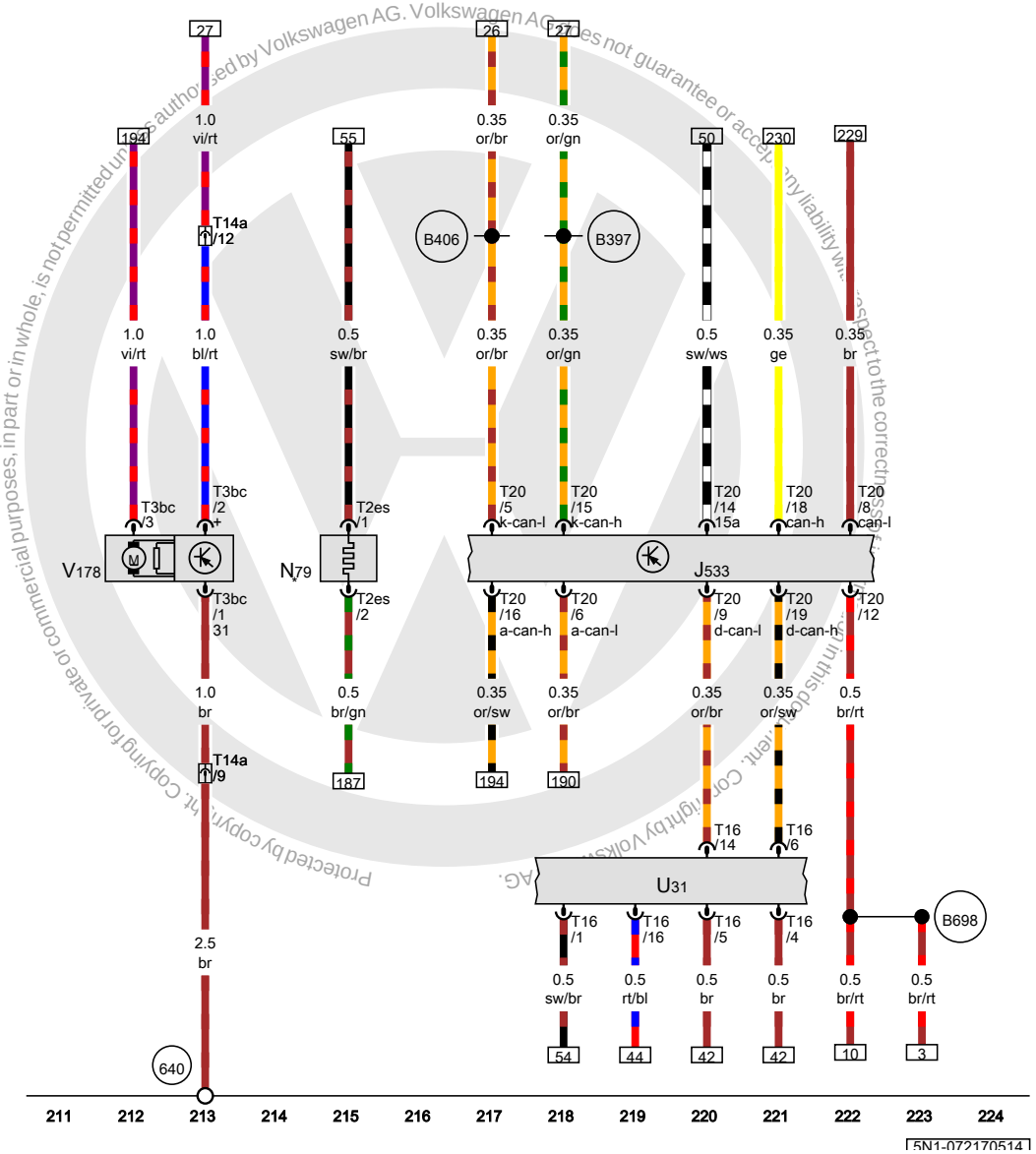
Automatic glow period control unit, Glow plug 1

J179	Automatic glow period control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T11b	11-pin connector
T14a	14-pin connector



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or	=	orange
rs	=	pink

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br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

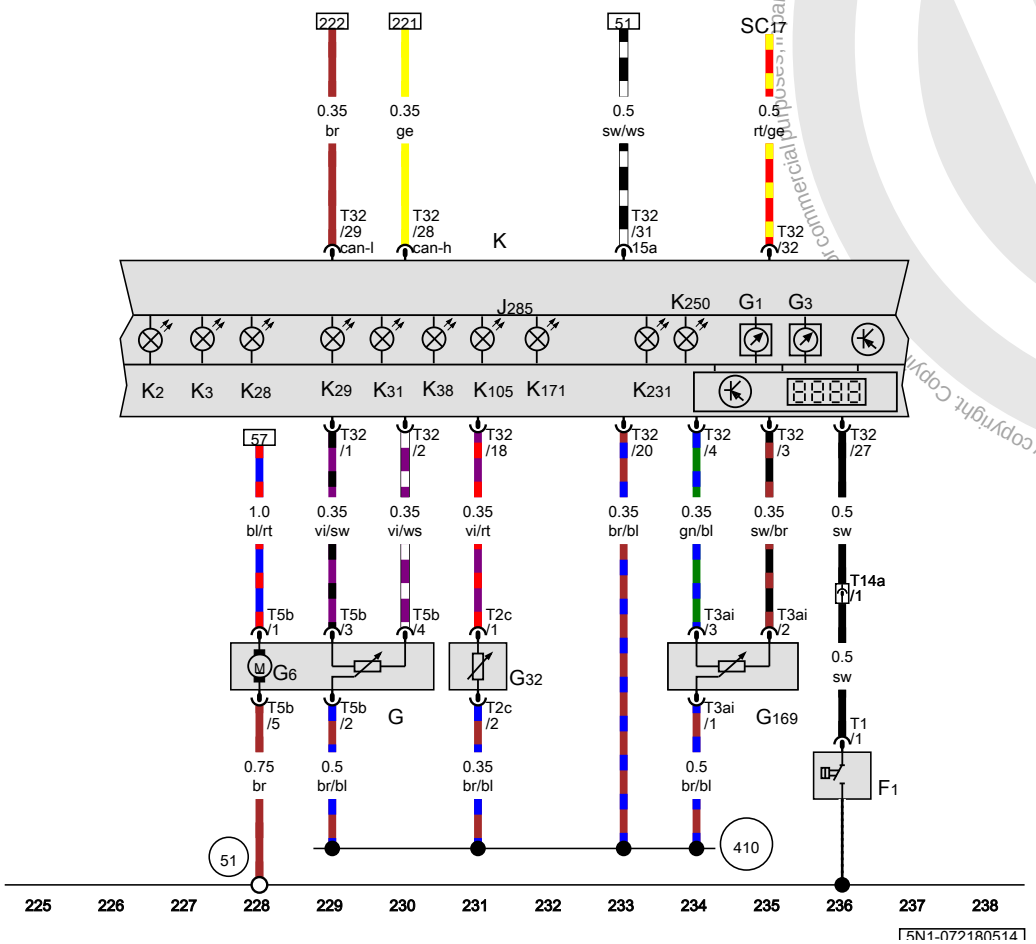
Data bus diagnostic interface, Heater element for crankcase breather, Diagnostic connection, Coolant circulation pump 2

J533	Data bus diagnostic interface
N79	Heater element for crankcase breather
T2es	2-pin connector
T3bc	3-pin connector
T14a	14-pin connector
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
V178	Coolant circulation pump 2
640	Earth point 2, left in engine compartment
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	Only for countries with cold climate

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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
K171	Bonnet open warning lamp
K231	Diesel particulate filter warning lamp
K250	Warning lamp for hill descent control
SC17	Fuse 17 on fuse holder C
T1	Single connector
T2c	2-pin connector
T3ai	3-pin connector
T5b	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
410	Earth connection 1 (sender earth) in main wiring harness



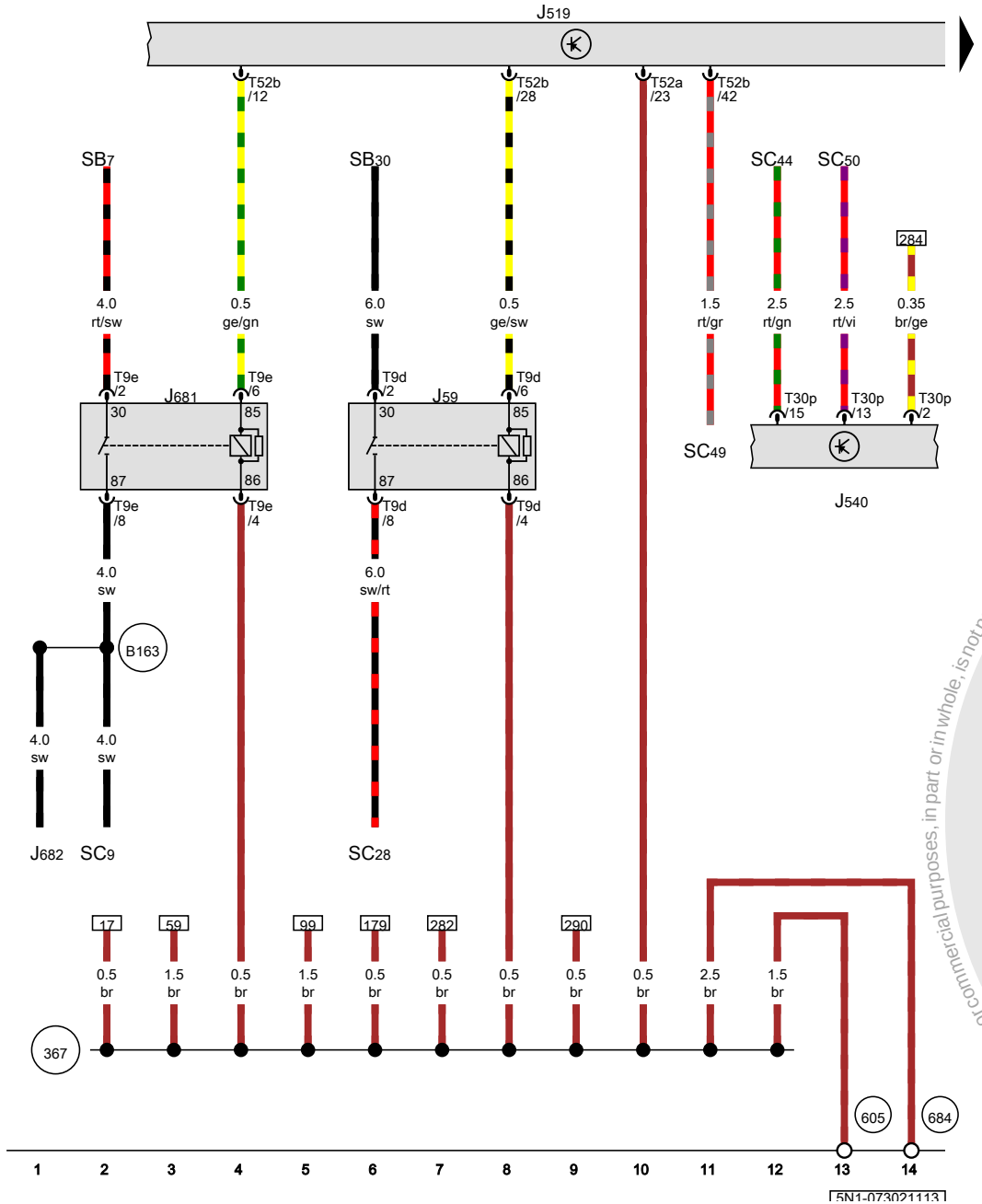
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Basic equipment

From November 2009



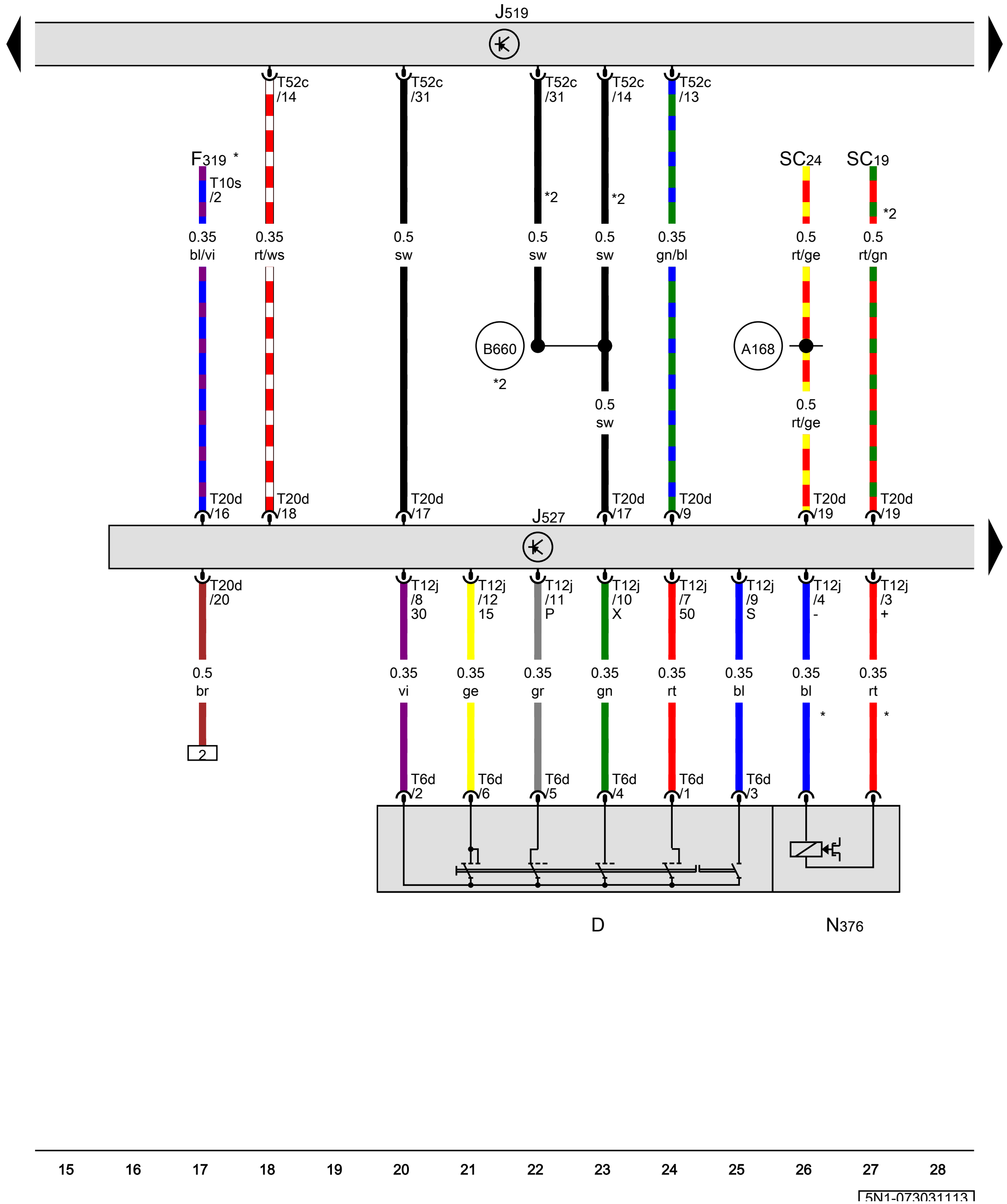
X-contact relief relay, Onboard supply control unit, Control unit for electromechanical parking brake, Terminal 15 voltage supply relay 2

J59	X-contact relief relay
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SB7	Fuse 7 on fuse holder B
SC9	Fuse 9 on fuse holder C
SC28	Fuse 28 on fuse holder C
SB30	Fuse 30 on fuse holder B
SC44	Fuse 44 on fuse holder C
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
T9d	9-pin connector
T9e	9-pin connector
T30p	30-pin connector
T52a	52-pin connector
T52b	52-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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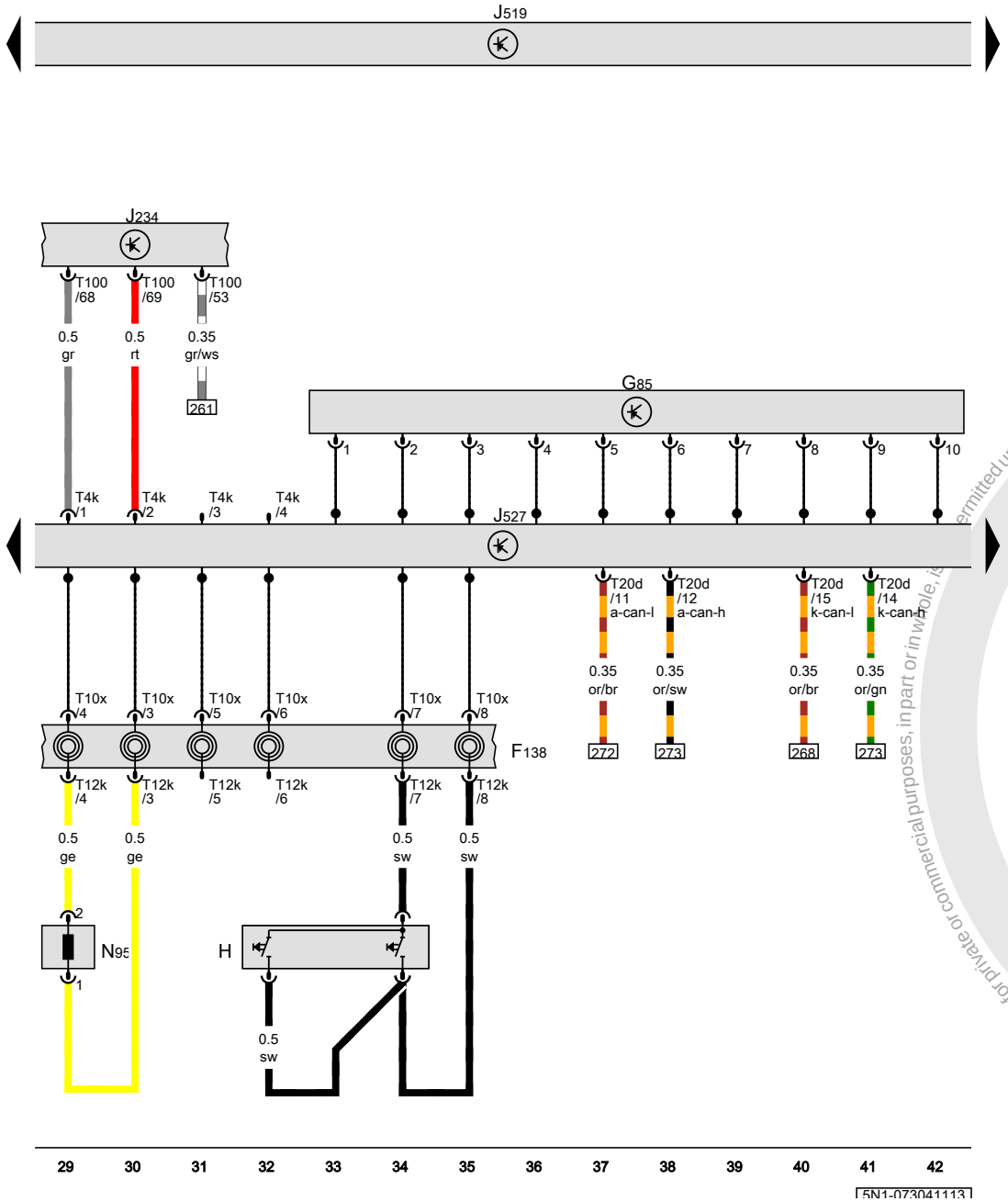
Ignition/starter switch, Onboard supply control unit, Steering column electronics control unit, Ignition key withdrawal lock solenoid



D	Ignition/starter switch
F319	Selector lever locked in position P switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
N376	Ignition key withdrawal lock solenoid
SC19	Fuse 19 on fuse holder C
SC24	Fuse 24 on fuse holder C
T6d	6-pin connector
T10s	10-pin connector
T12j	12-pin connector
T20d	20-pin connector
T52c	52-pin connector
A168	Positive connection 4 (30a) in dash panel wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with automatic gearbox
*2	Only models with stop/start system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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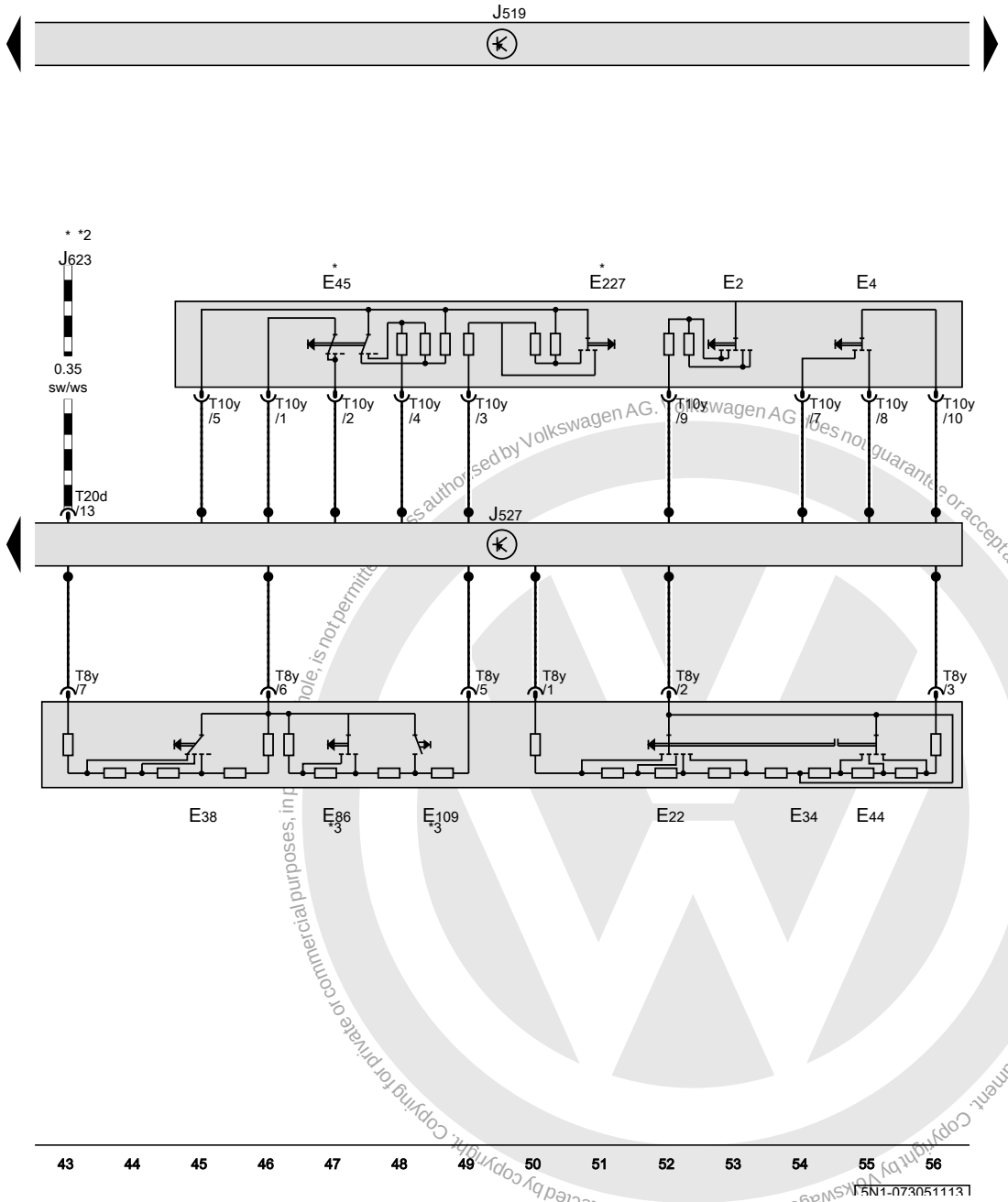


Airbag coil connector and return ring with slip ring, Steering angle sender, Horn plate, Airbag control unit, Onboard supply control unit, Steering column electronics control unit, Driver side airbag igniter

F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
T4k	4-pin connector
T10x	10-pin connector
T12k	12-pin connector
T20d	20-pin connector
T100	100-pin connector

ws	=	white
sw	=	black
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gn	=	green
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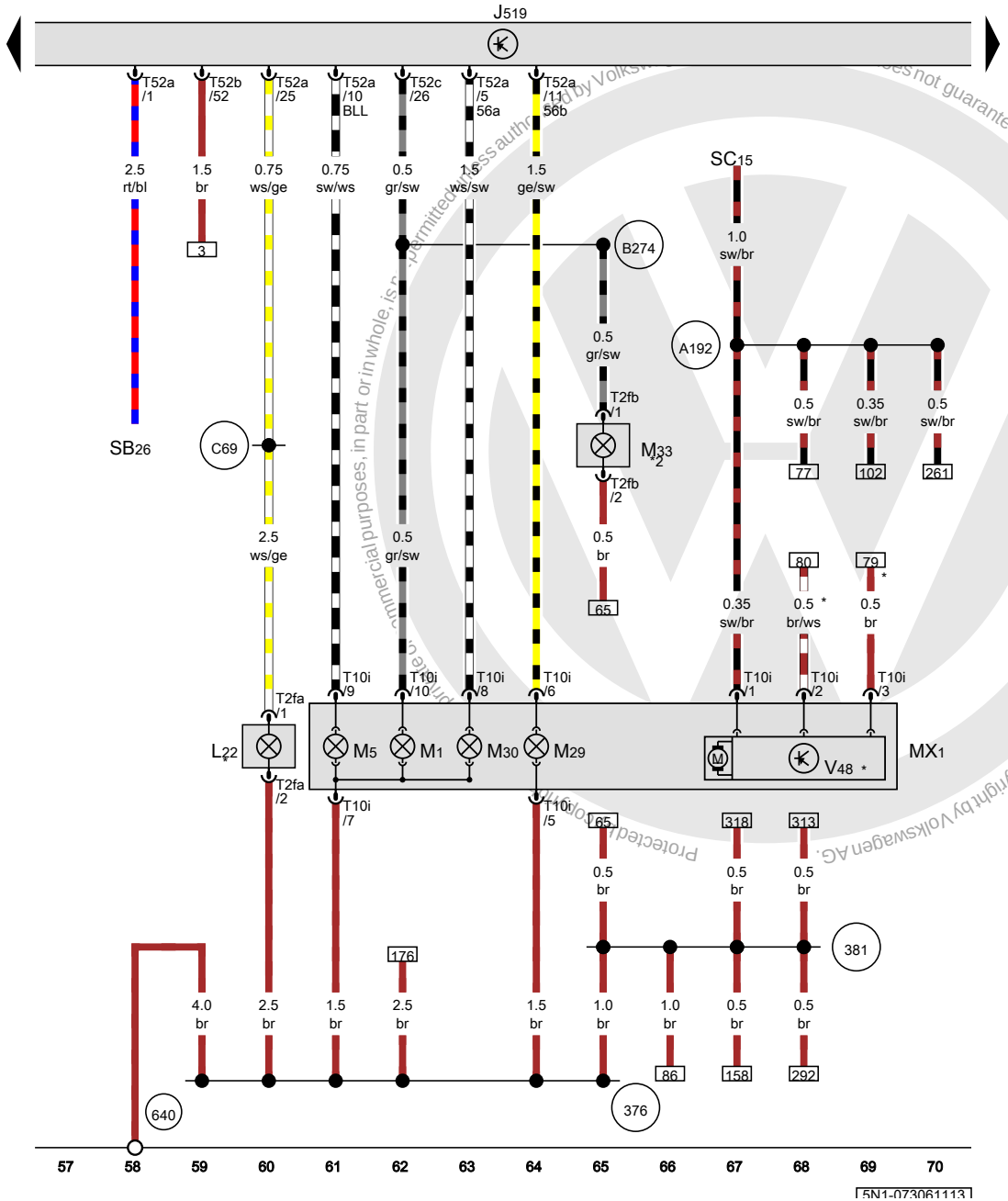


Cruise control system (CCS) SET button, Onboard supply control unit, Steering column electronics control unit

E2	Turn signal switch
E4	Headlight dipper and flasher switch
E22	Intermittent wiper switch
E34	Rear wiper switch
E38	Intermittent wiper regulator
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E45	Cruise control system switch
E86	Multifunction display call-up button
E109	Multifunction display memory switch
E227	Cruise control system (CCS) SET button
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
T8y	8-pin connector
T10y	10-pin connector
T20d	20-pin connector
*	Only models with cruise control system (CCS)
*2	see applicable current flow diagram for engine
*3	Only models with multifunction display

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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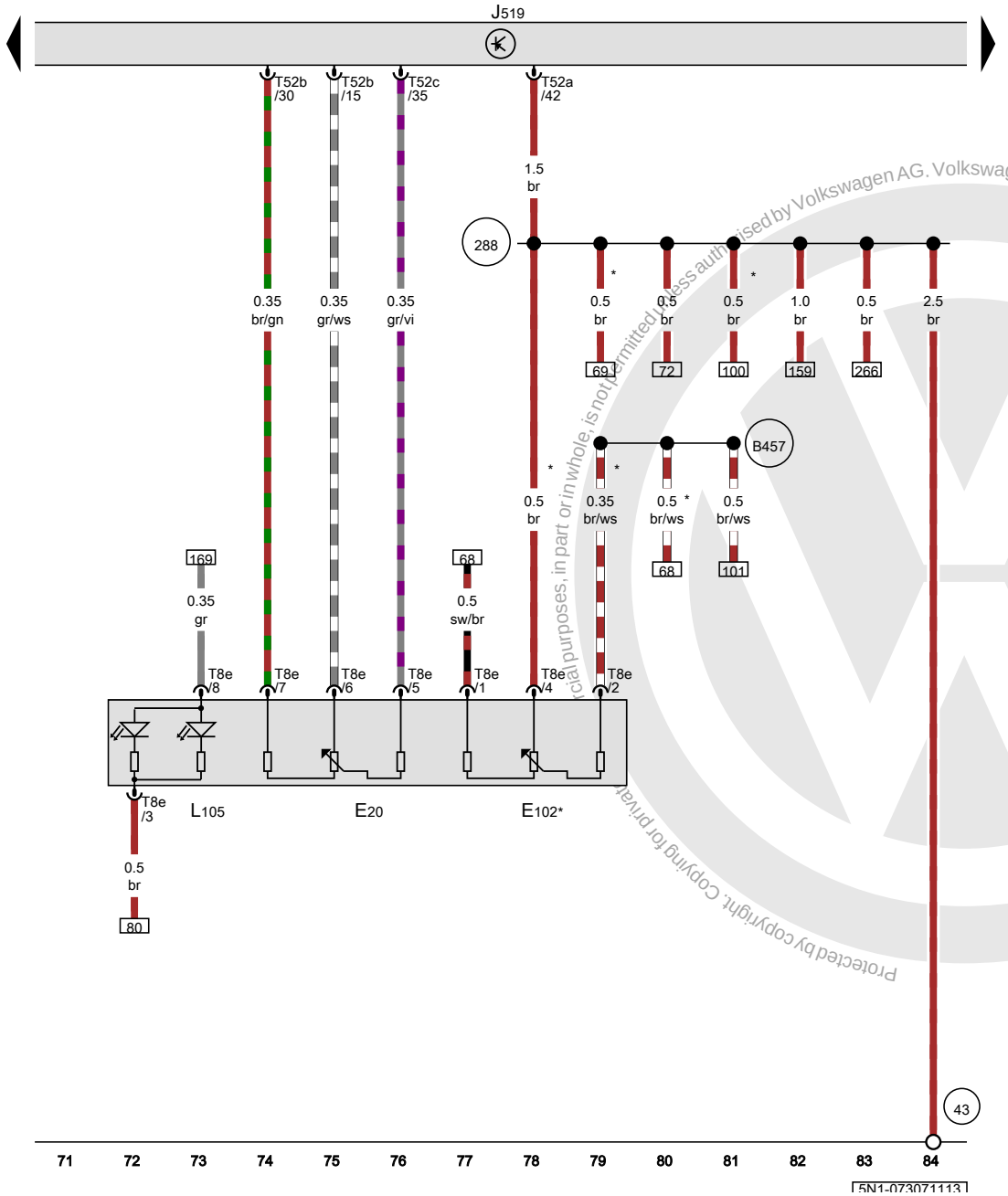


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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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Onboard supply control unit, Left fog light bulb, Front left headlight

J519	Onboard supply control unit
L22	Left fog light bulb
M1	Left side light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
M33	Front left side marker bulb
SC15	Fuse 15 on fuse holder C
SB26	Fuse 26 on fuse holder B
T2fa	2-pin connector
T2fb	2-pin connector
T10i	10-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
V48	Left headlight range control motor
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
A192	Positive connection 3 (15a) in dash panel wiring harness
B274	Positive connection (58L), in main wiring harness
C69	Front left connection (fog light),, in main wiring harness
*	According to equipment
*2	Only for American markets

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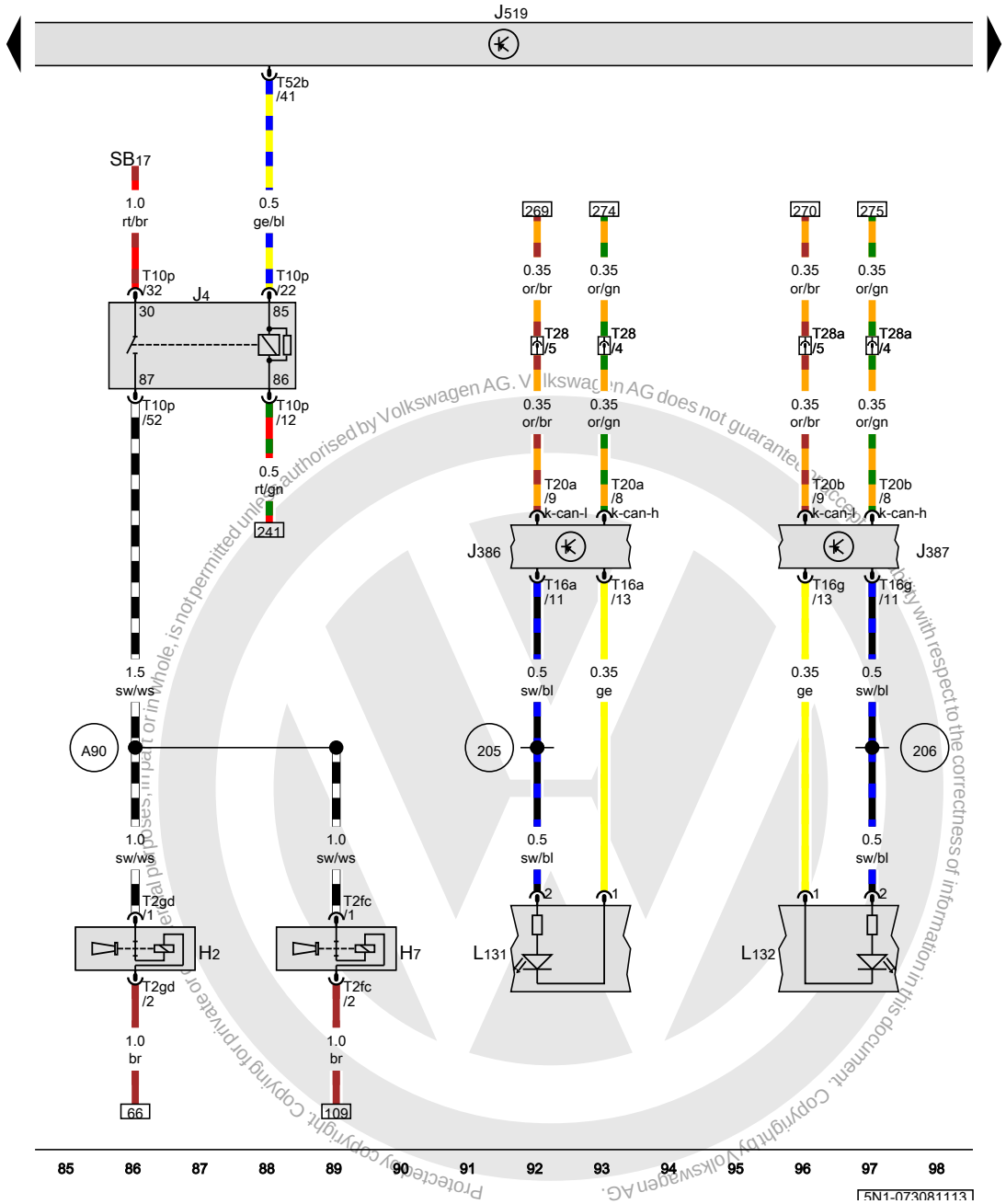


Switch and instrument illumination regulator, Onboard supply control unit

E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
J519	Onboard supply control unit
L105	Illumination regulator illumination bulb
T8e	8-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
B457	Connection 1 (potentiometer), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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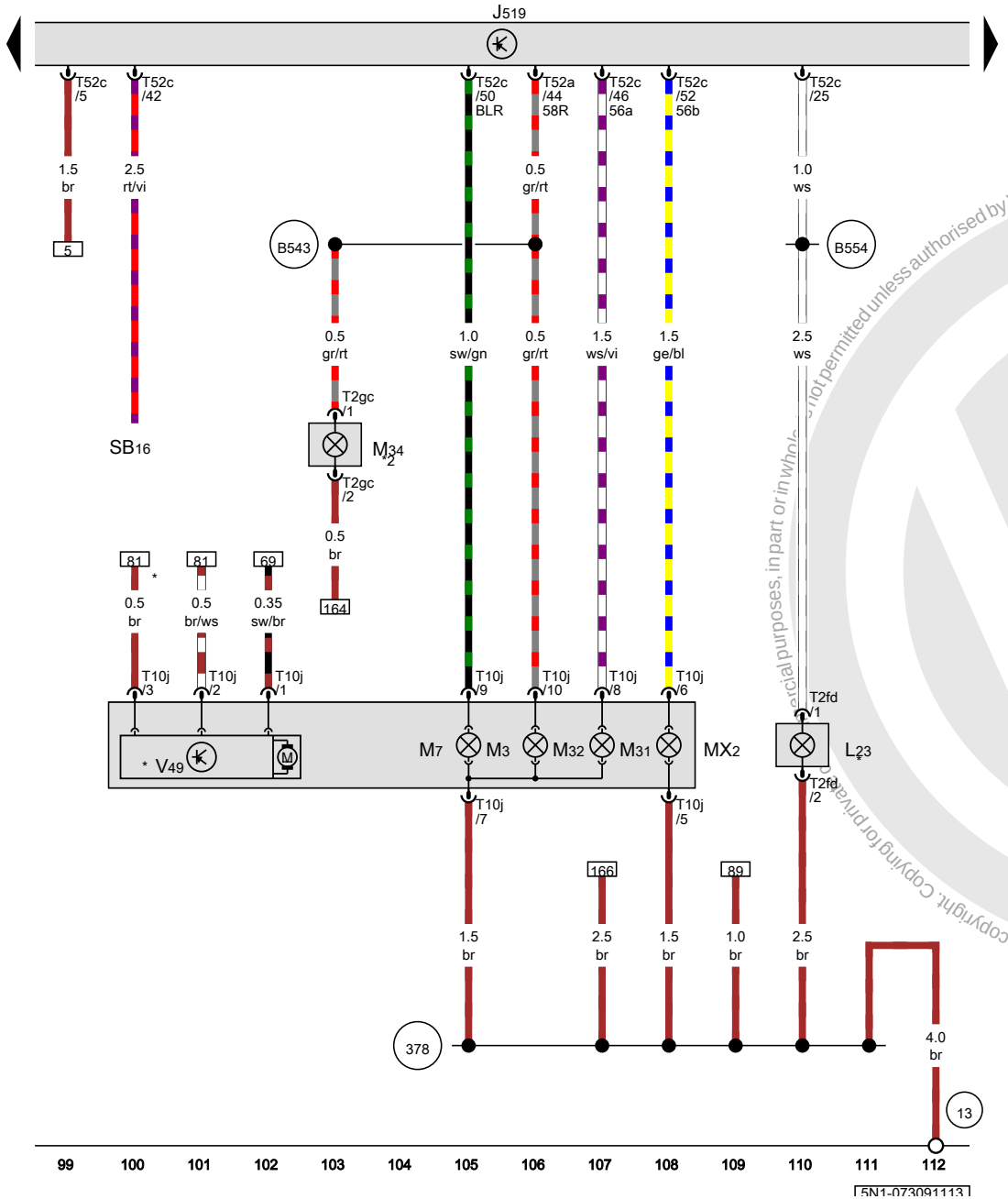
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Dual tone horn relay, Driver door control unit, Front passenger door control unit, Onboard supply control unit, Driver side turn signal repeater bulb, Front passenger side turn signal repeater bulb

H2	Treble horn
H7	Bass horn
J4	Dual tone horn relay
J386	Driver door control unit
J387	Front passenger door control unit
J519	Onboard supply control unit
L131	Driver side turn signal repeater bulb
L132	Front passenger side turn signal repeater bulb
SB17	Fuse 17 on fuse holder B
T2fc	2-pin connector
T2gd	2-pin connector
T10p	10-pin connector
T16a	16-pin connector
T16g	16-pin connector
T20a	20-pin connector
T20b	20-pin connector
T28	28-pin connector
T28a	28-pin connector
T52b	52-pin connector
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
A90	Connection (dual tone horn), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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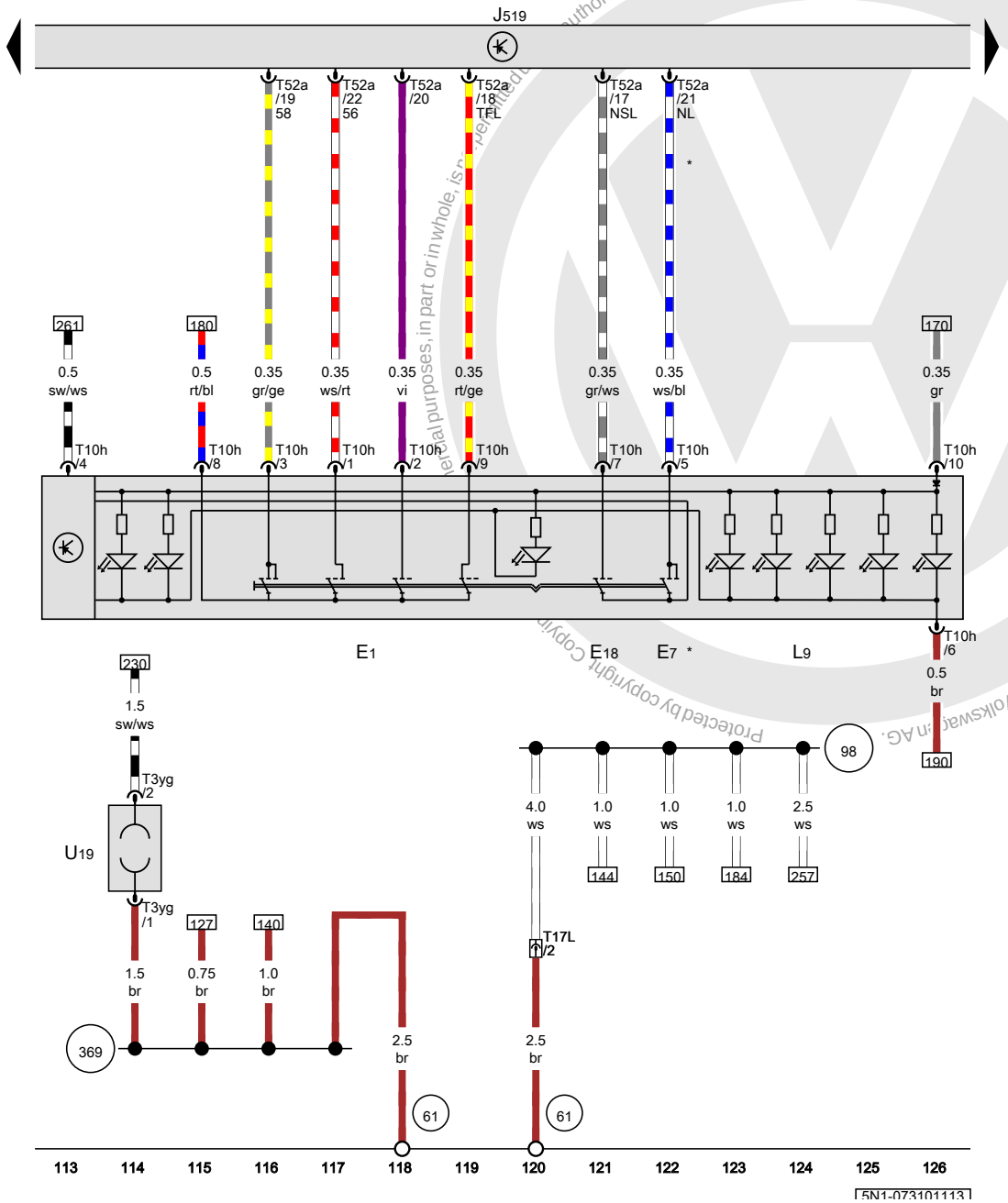
Onboard supply control unit, Right fog light bulb, Front right headlight



J519	Onboard supply control unit
L23	Right fog light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
M34	Front right side marker bulb
SB16	Fuse 16 on fuse holder B
T2fd	2-pin connector
T2gc	2-pin connector
T10j	10-pin connector
T52a	52-pin connector
T52c	52-pin connector
V49	Right headlight range control motor
13	Earth point, on right in engine compartment
378	Earth connection 13, in main wiring harness
B543	Positive connection (58R), in main wiring harness
B554	Connection (fog light), in main wiring harness
*	According to equipment
*2	Only for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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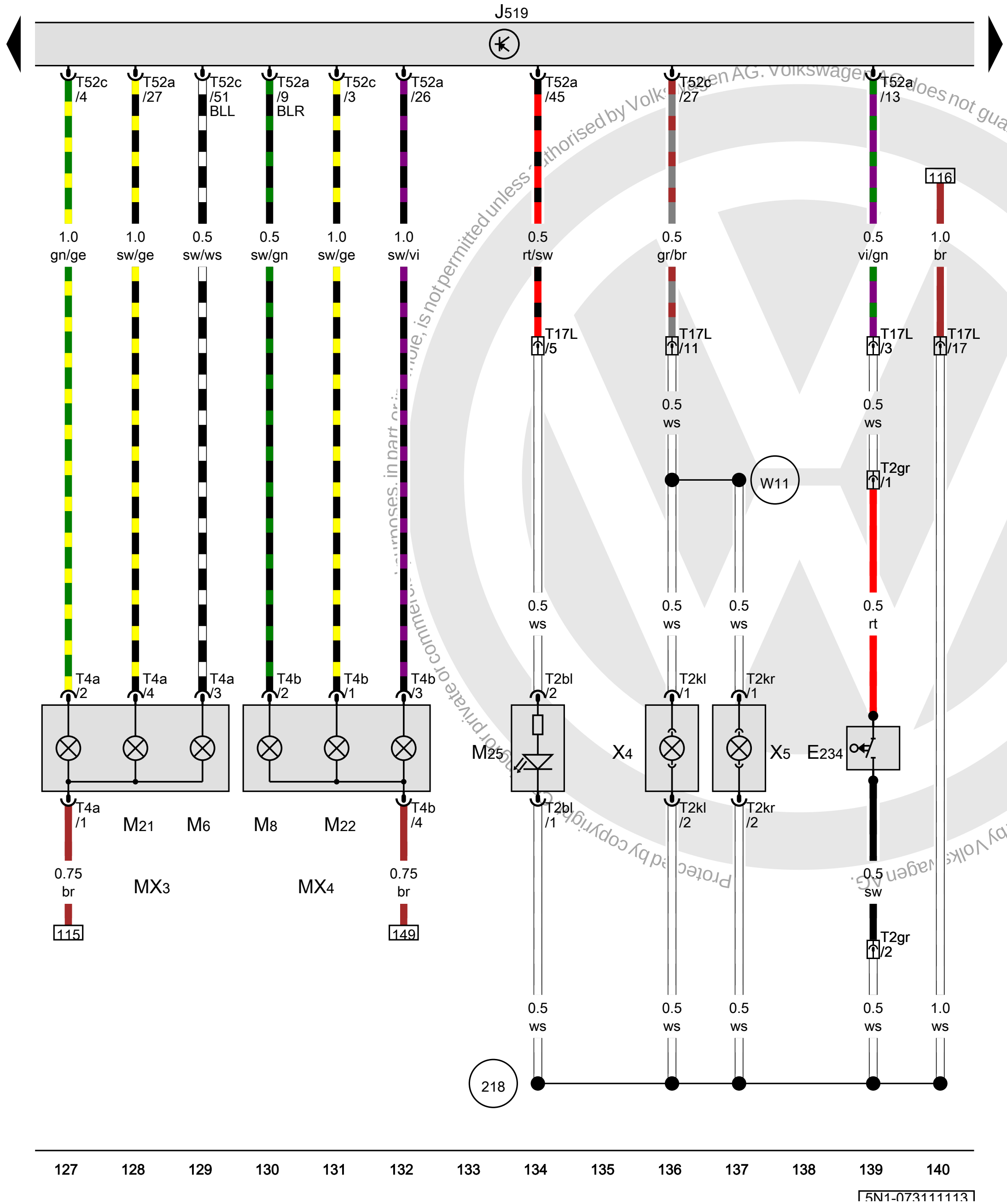
Light switch, Onboard supply control unit, 12 V socket 3

E1	Light switch
E7	Fog light switch
E18	Rear fog light switch
J519	Onboard supply control unit
L9	Light switch illumination bulb
T3yg	3-pin connector
T10h	10-pin connector
T17L	17-pin connector
T52a	52-pin connector
U19	12 V socket 3
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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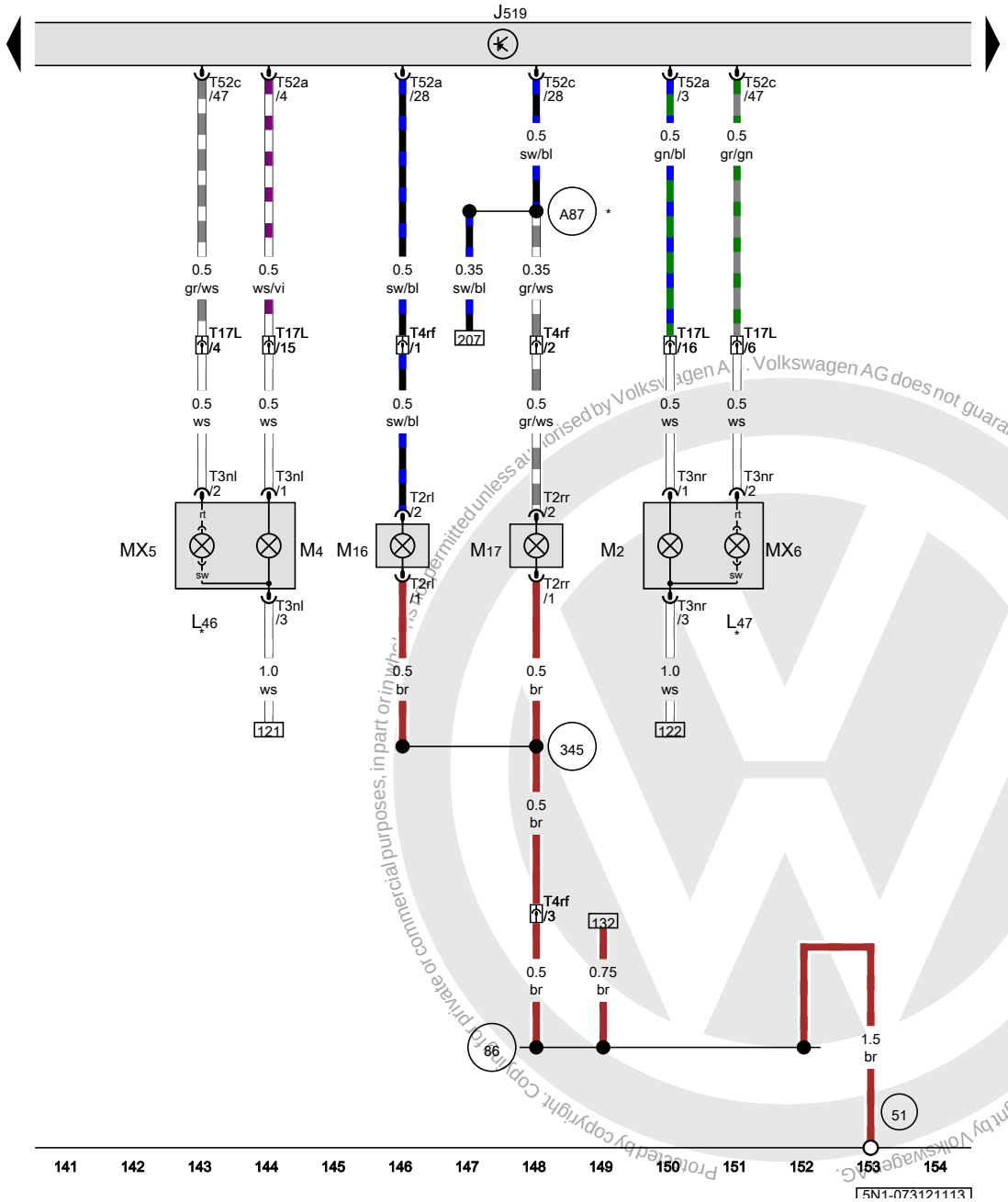
Onboard supply control unit, Left tail light, Right tail light, Additional brake light bulb, Left number plate light, Right number plate light



E234	Rear lid handle release button	
J519	Onboard supply control unit	
MX3	Left tail light	
MX4	Right tail light	
M6	Rear left turn signal bulb	
M8	Rear right turn signal bulb	
M21	Left brake and tail light bulb	
M22	Right brake and tail light bulb	
M25	Additional brake light bulb	
T2bl	2-pin connector	
T2gr	2-pin connector	
T2kl	2-pin connector	
T2kr	2-pin connector	
T4a	4-pin connector	
T4b	4-pin connector	
T17L	17-pin connector	
T52a	52-pin connector	
T52c	52-pin connector	
X4	Left number plate light	
X5	Right number plate light	
218	Earth connection 1, in rear lid wiring harness	
W11	Connection (58), in rear lid wiring harness	

ws = white
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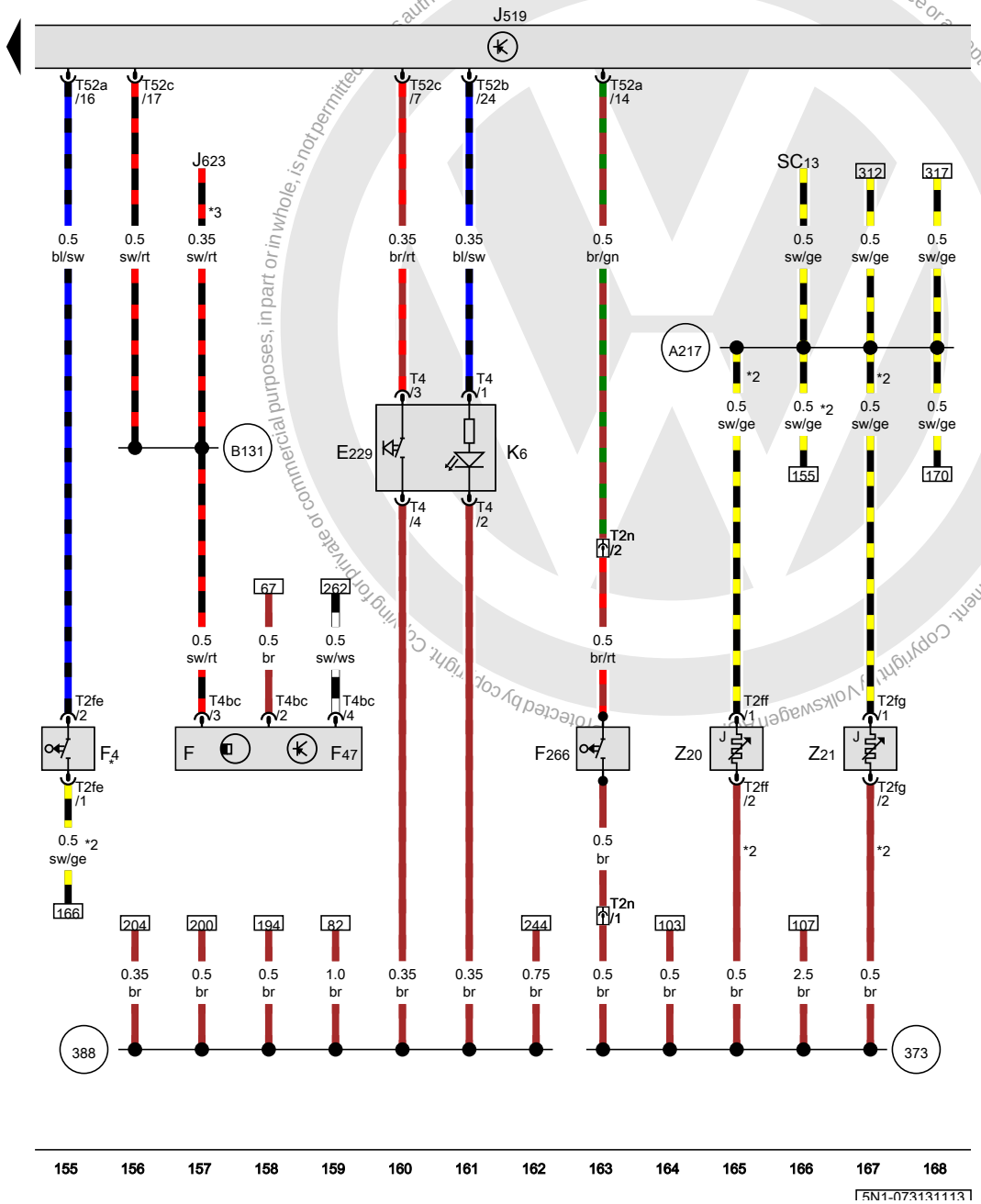


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Onboard supply control unit, Rear left fog light bulb, Rear right fog light bulb, Left tail light 2, Right tail light 2, Left reversing light bulb, Right reversing light bulb

J519	Onboard supply control unit
L46	Rear left fog light bulb
L47	Rear right fog light bulb
M2	Right tail light bulb
M4	Left tail light bulb
MX5	Left tail light 2
MX6	Right tail light 2
M16	Left reversing light bulb
M17	Right reversing light bulb
T2rl	2-pin connector
T2rr	2-pin connector
T3nl	3-pin connector
T3nr	3-pin connector
T4rf	4-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52c	52-pin connector
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
345	Earth connection, in bumper wiring harness
A87	Connection (RL), in dash panel wiring harness
*	According to equipment

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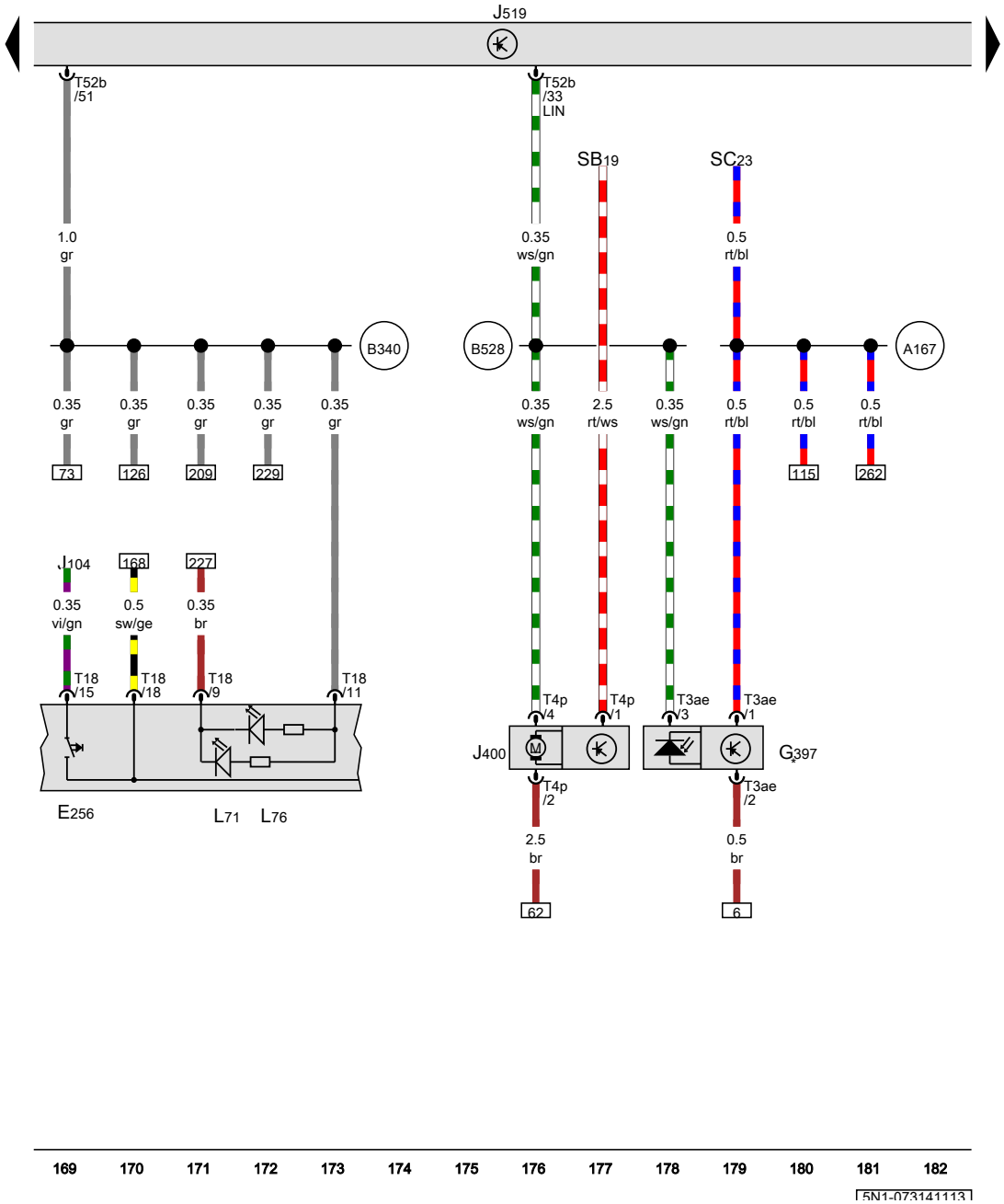


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Hazard warning lights button, Brake light switch, Reversing light switch, Bonnet contact switch, Onboard supply control unit, Left washer jet heater element, Right washer jet heater element

E229	Hazard warning lights button
F	Brake light switch
F4	Reversing light switch
F47	Brake pedal switch
F266	Bonnet contact switch
J519	Onboard supply control unit
J623	Engine control unit
K6	Indicator lamp for hazard warning light
SC13	Fuse 13 on fuse holder C
T2fe	2-pin connector
T2ff	2-pin connector
T2fg	2-pin connector
T2n	2-pin connector
T4	4-pin connector
T4bc	4-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
373	Earth connection 8, in main wiring harness
388	Earth connection 23, in main wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B131	Connection (54), in interior wiring harness
*	Only models with automatic gearbox
*2	According to equipment
*3	see applicable current flow diagram for engine

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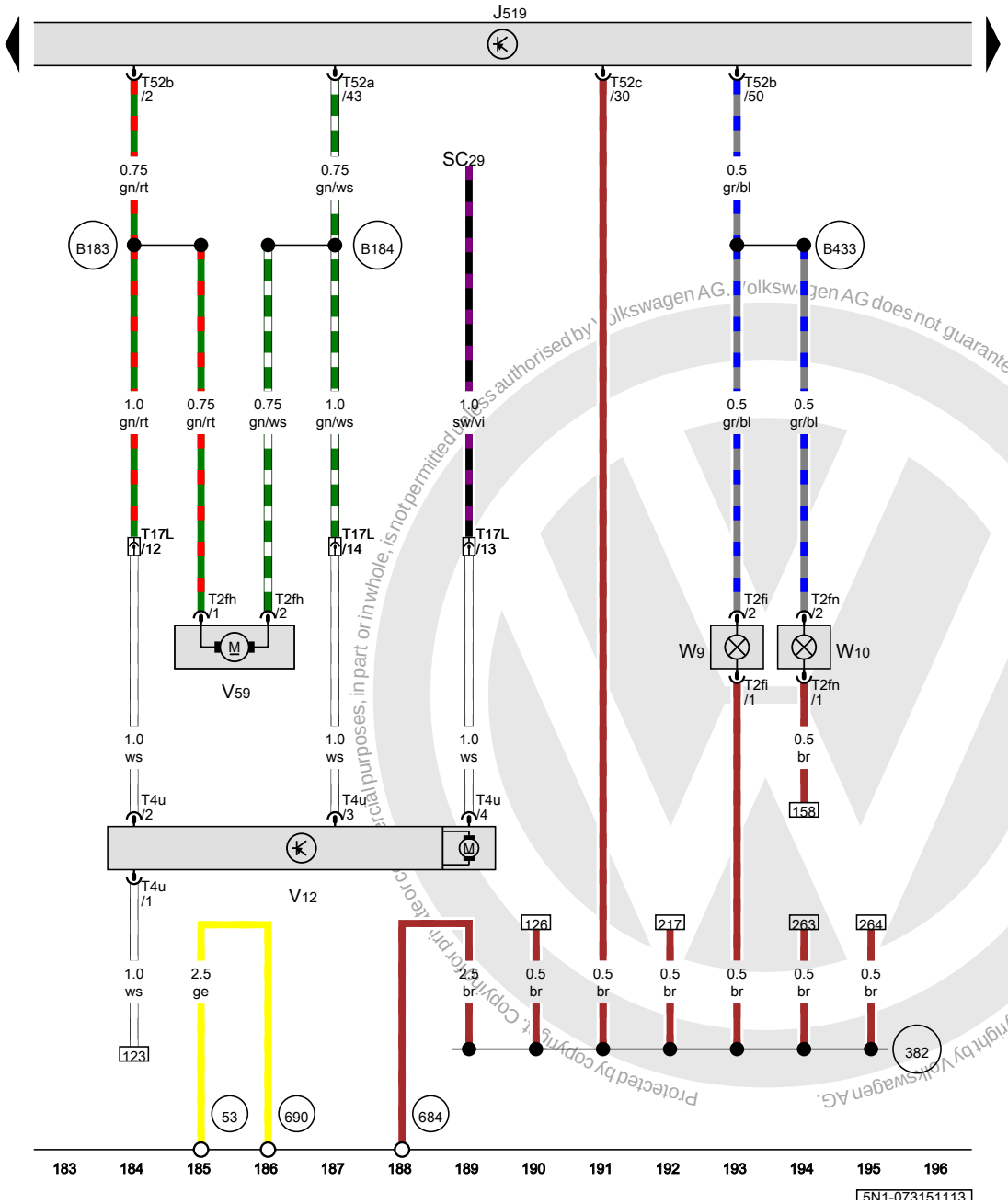


TCS and ESP button, Rain and light sensor, Wiper motor control unit, Onboard supply control unit

E256	TCS and ESP button
G397	Rain and light sensor
J104	ABS control unit
J400	Wiper motor control unit
J519	Onboard supply control unit
L71	Traction control switch illumination bulb
L76	Button illumination bulb
SB19	Fuse 19 on fuse holder B
SC23	Fuse 23 on fuse holder C
T3ae	3-pin connector
T4p	4-pin connector
T18	18-pin connector
T52b	52-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
B340	Connection 1 (58d), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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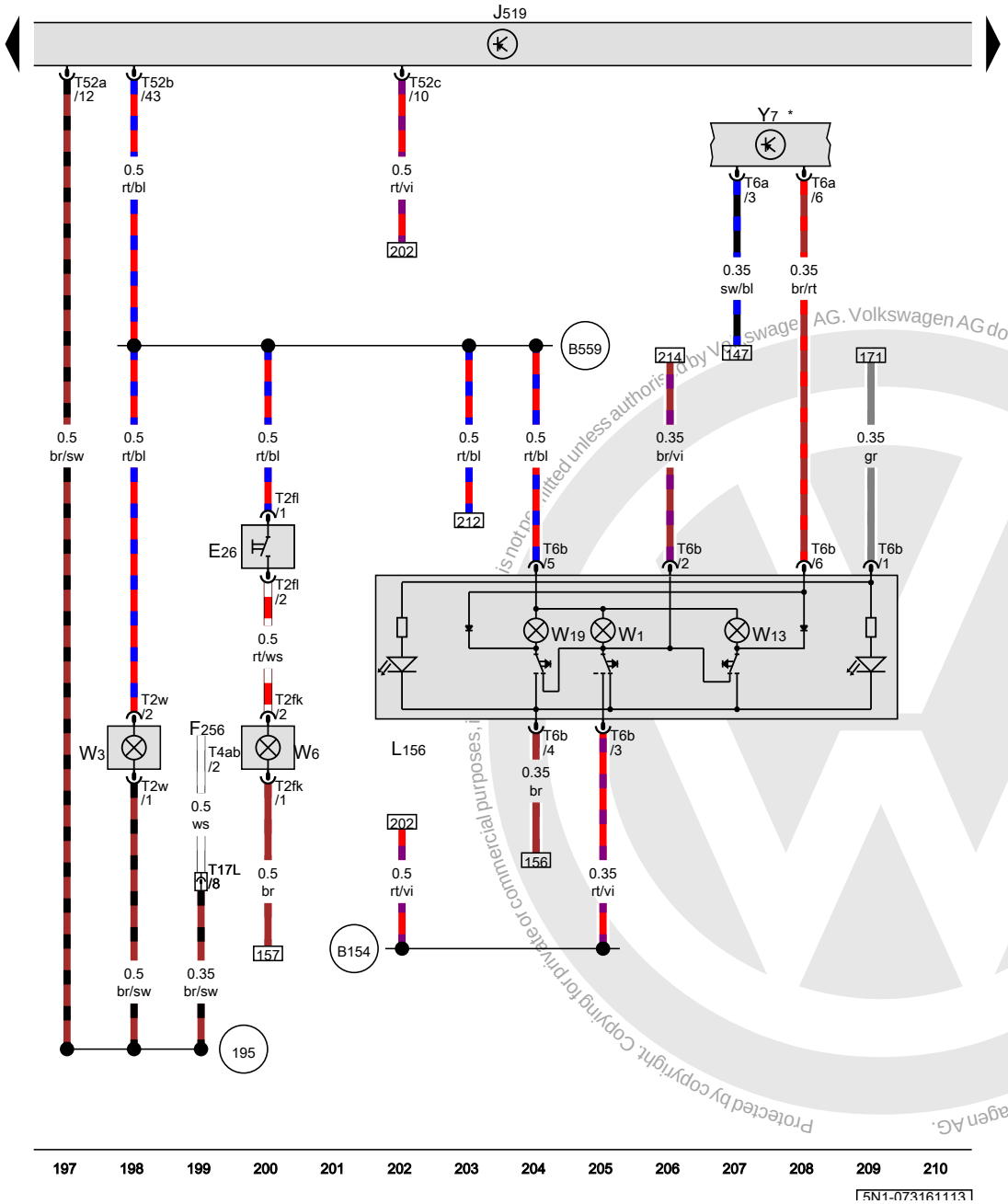


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Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump, Left footwell light, Right footwell light

J519	Onboard supply control unit
SC29	Fuse 29 on fuse holder C
T2fh	2-pin connector
T2fi	2-pin connector
T2fn	2-pin connector
T4u	4-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
W9	Left footwell light
W10	Right footwell light
53	Earth point, on right in rear lid
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
690	Earth point, rear centre roof frame
B183	Connection 1 (washer pump), in interior wiring harness
B184	Connection 2 (washer pump), in interior wiring harness
B433	Connection (footwell light), in main wiring harness

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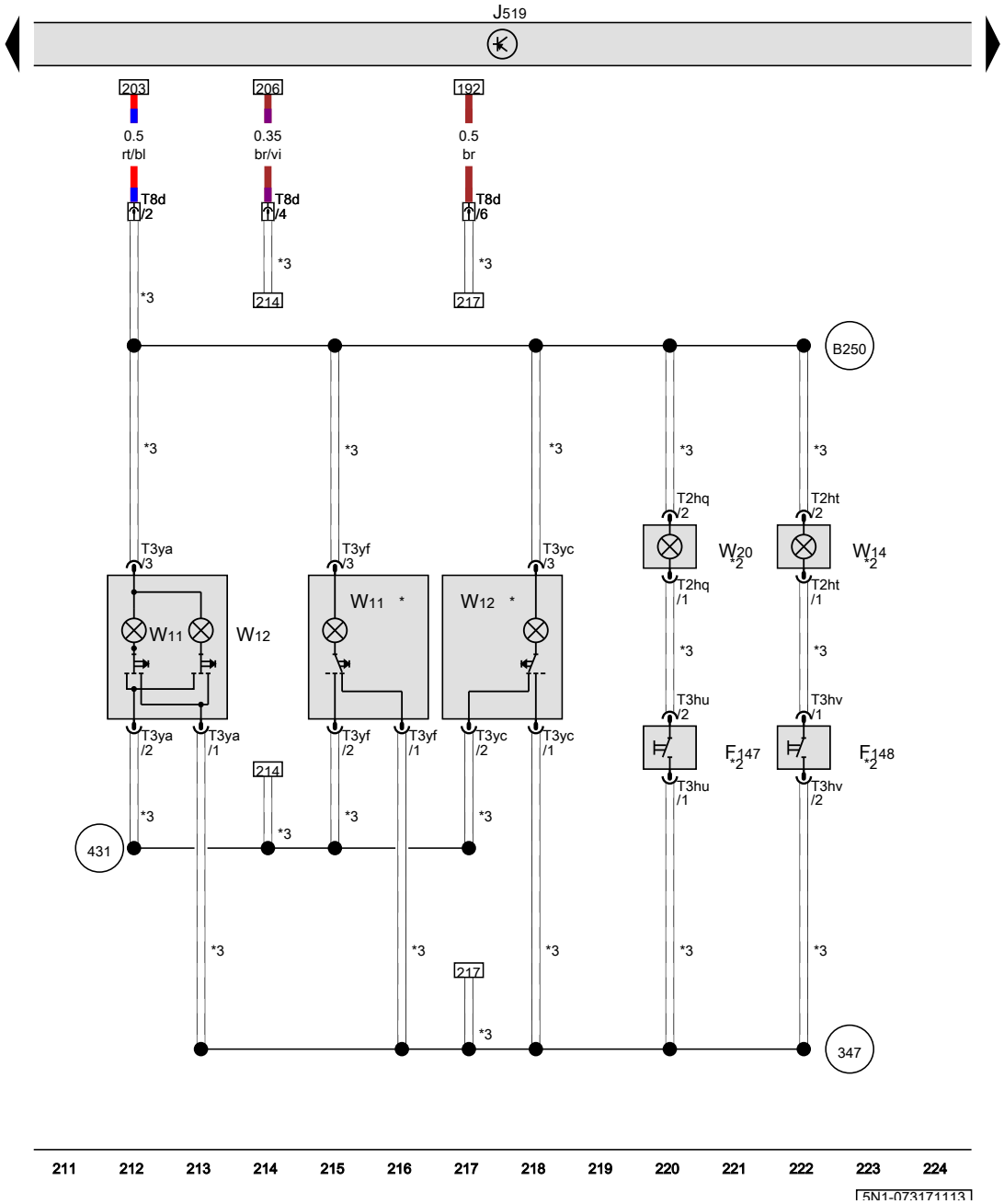


Onboard supply control unit, Front interior light, Luggage compartment light, Glove compartment light, Automatic anti-dazzle interior mirror

E26	Glove compartment light switch
F256	Rear lid lock unit
J519	Onboard supply control unit
L156	Switch illumination bulb
T2fk	2-pin connector
T2fl	2-pin connector
T2w	2-pin connector
T4ab	4-pin connector
T6a	6-pin connector
T6b	6-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
W1	Front interior light
W3	Luggage compartment light
W6	Glove compartment light
W13	Front passenger reading light
W19	Driver side reading light
Y7	Automatic anti-dazzle interior mirror
195	Earth connection, in rear door switch wiring harness
B154	Connection 1 (DCt), in interior wiring harness
B559	Positive connection 1 (30g) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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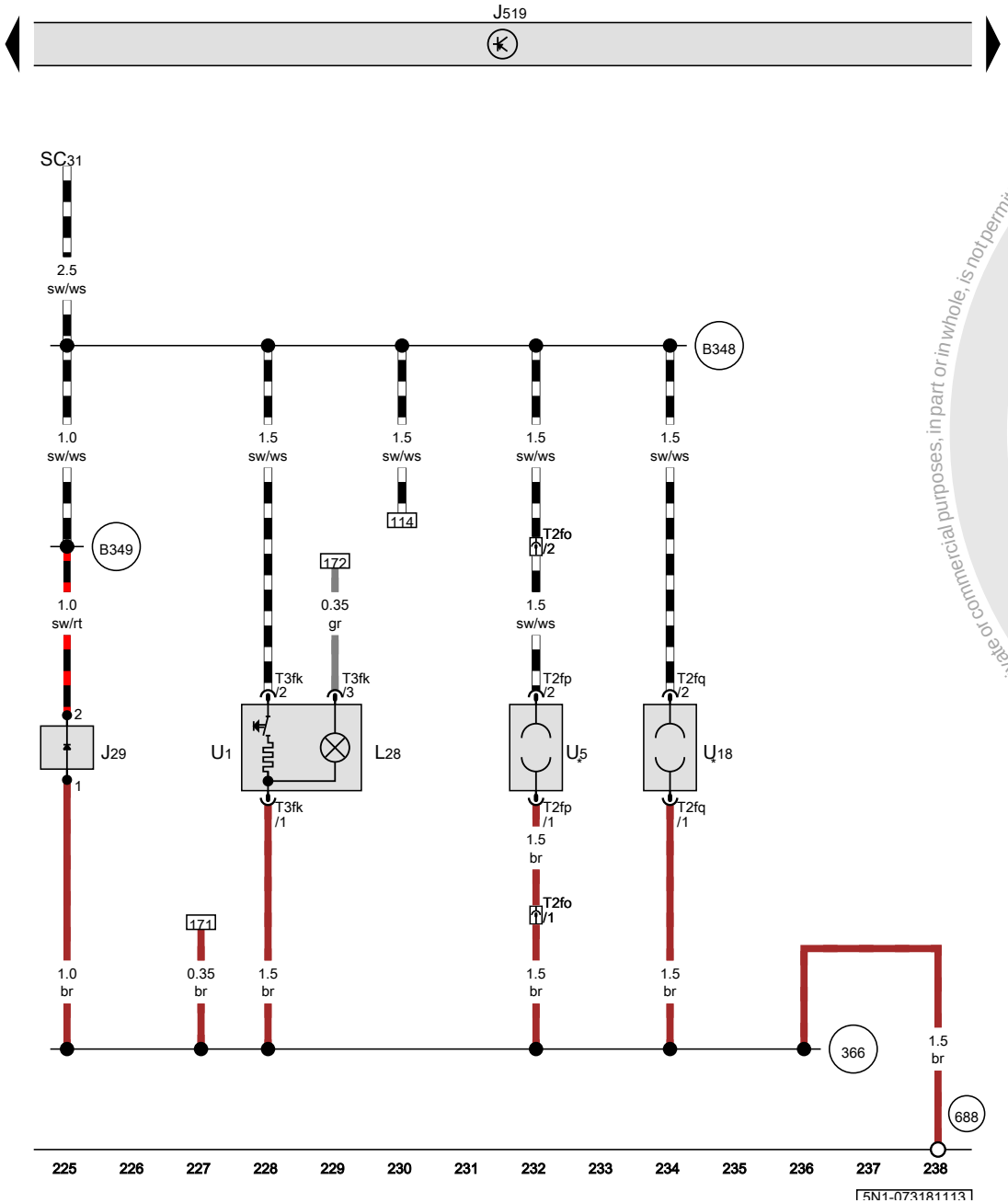
Onboard supply control unit, Rear left reading light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
J519	Onboard supply control unit
T2hq	2-pin connector
T2ht	2-pin connector
T3hu	3-pin connector
T3hv	3-pin connector
T3ya	3-pin connector
T3yc	3-pin connector
T3yf	3-pin connector
T8d	8-pin connector
W11	Rear left reading light
W12	Rear right reading light
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
347	Earth connection, in roof wiring harness
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
*	Only models with sliding/tilting sunroof
*2	According to equipment
*3	Flat conductor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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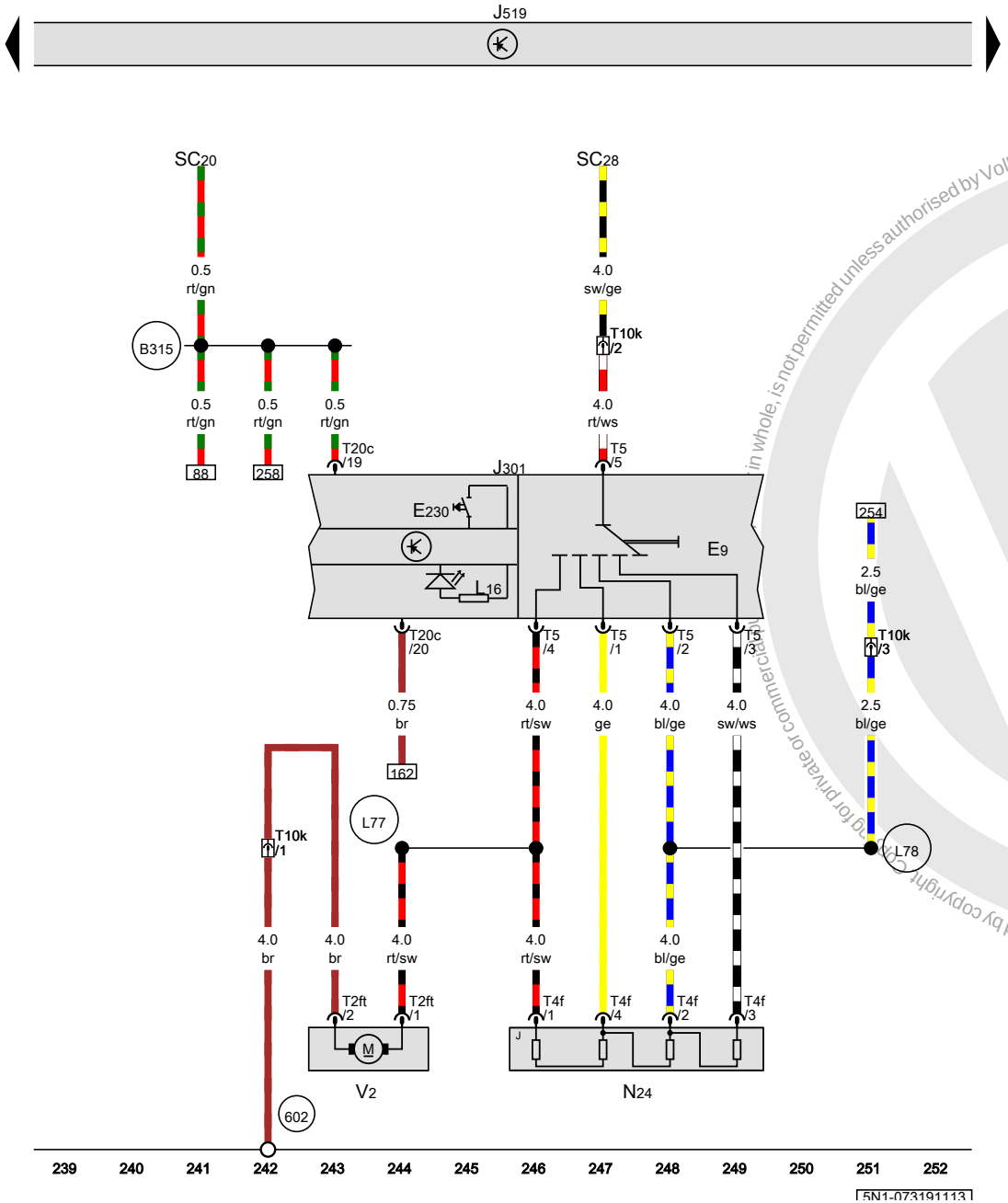
Onboard supply control unit, Cigarette lighter, 12 V socket, 12 V socket 2



J29	Blocking diode
J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
SC31	Fuse 31 on fuse holder C
T2fo	2-pin connector
T2fp	2-pin connector
T2fq	2-pin connector
T3fk	3-pin connector
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B348	Connection 1 (75a), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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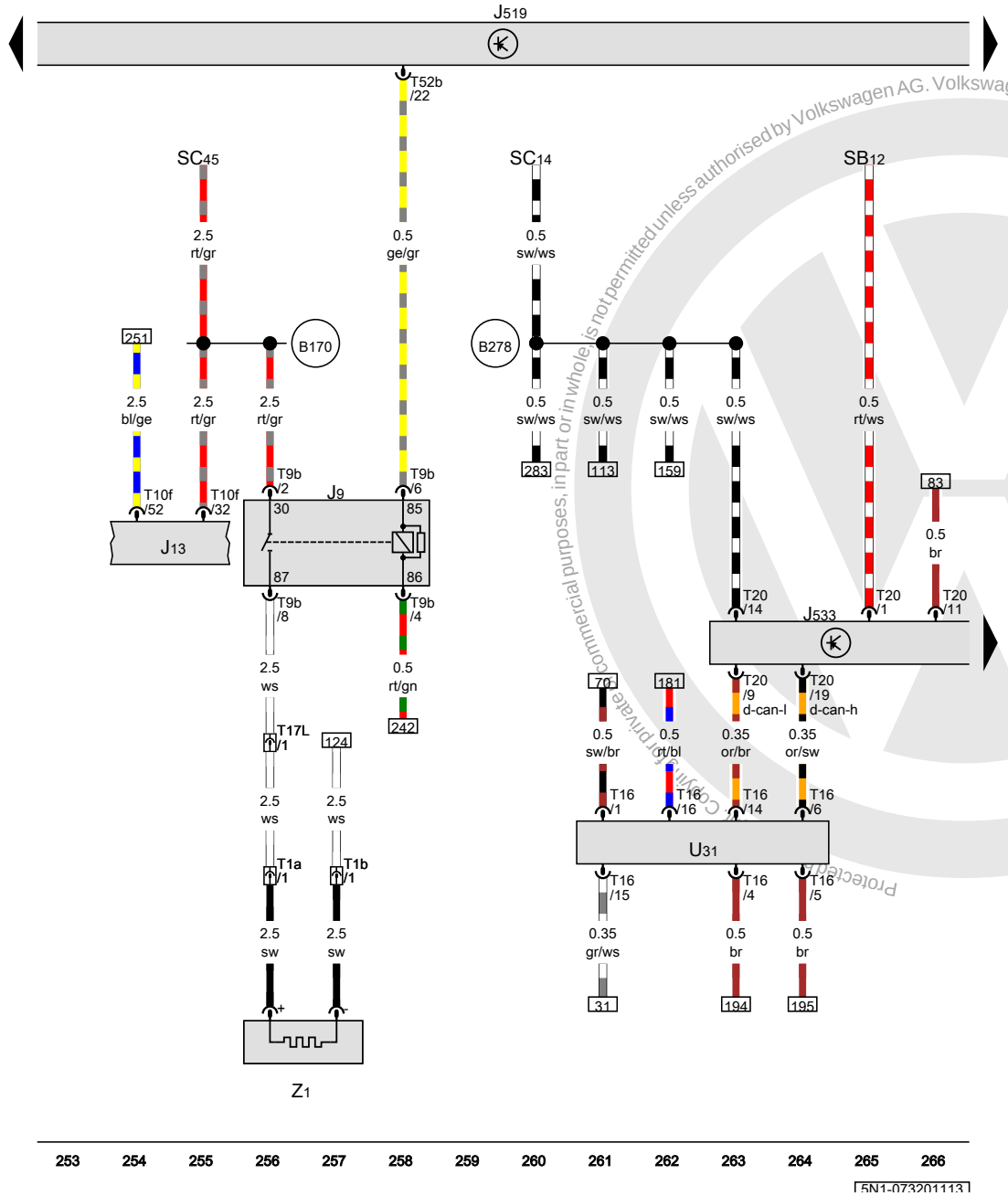


Fresh air blower switch, Heated rear window button, Air conditioning system control unit, Onboard supply control unit, Fresh air regulator illumination bulb

E9	Fresh air blower switch
E230	Heated rear window button
J301	Air conditioning system control unit
J519	Onboard supply control unit
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
SC20	Fuse 20 on fuse holder C
SC28	Fuse 28 on fuse holder C
T2ft	2-pin connector
T4f	4-pin connector
T5	5-pin connector
T10k	10-pin connector
T20c	20-pin connector
V2	Fresh air blower
602	Earth point, in front left footwell
B315	Positive connection 1 (30a) in main wiring harness
L77	Connection, in fresh air blower wiring harness
L78	Connection 1, in fresh air blower wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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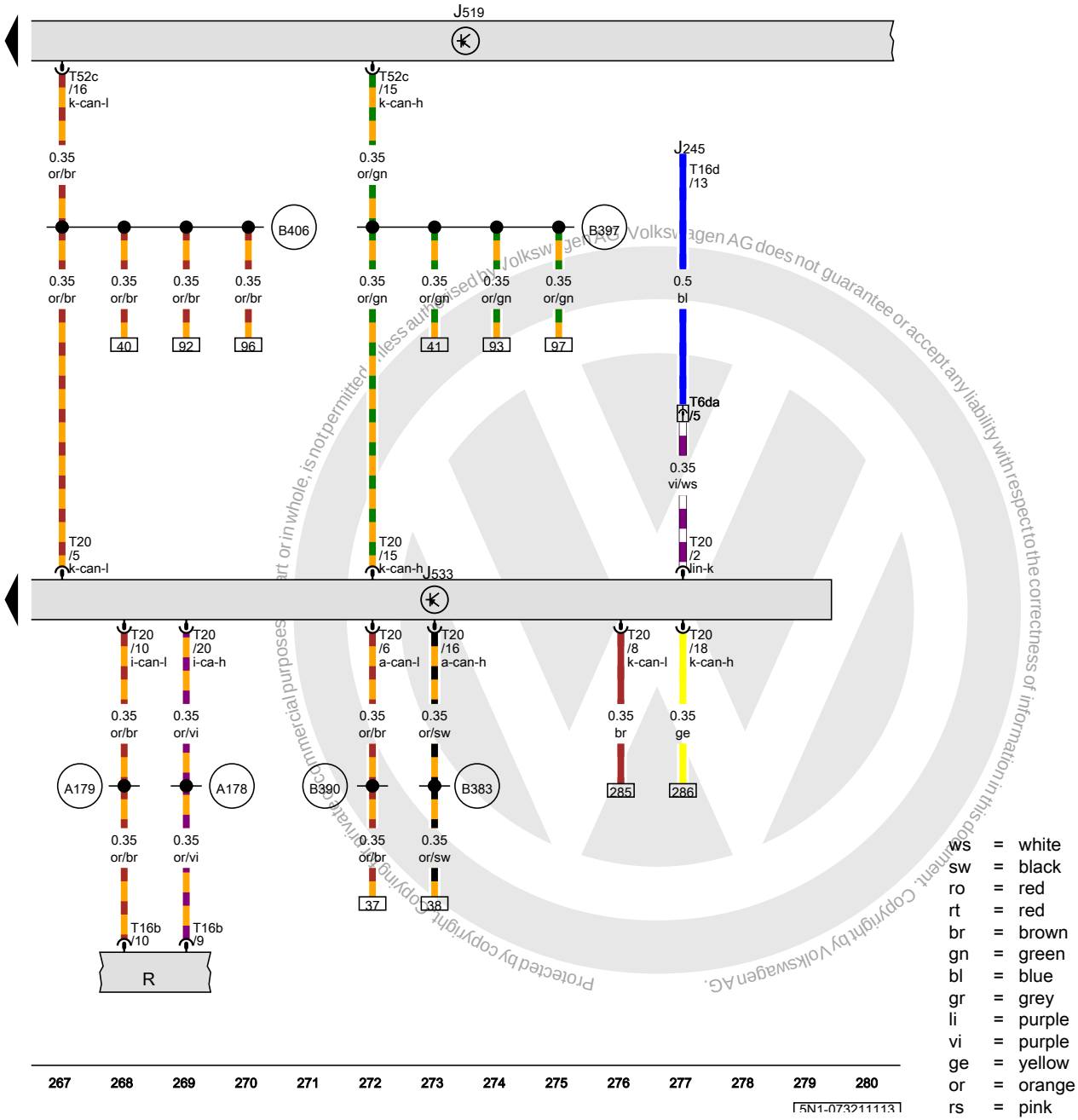


Heated rear window relay, Onboard supply control unit, Data bus diagnostic interface, Diagnostic connection, Heated rear window

J9	Heated rear window relay
J13	Fresh air blower relay
J519	Onboard supply control unit
J533	Data bus diagnostic interface
SB12	Fuse 12 on fuse holder B
SC14	Fuse 14 on fuse holder C
SC45	Fuse 45 on fuse holder C
T1a	Single connector
T1b	Single connector
T9b	9-pin connector
T10f	10-pin connector
T16	16-pin connector
T17L	17-pin connector
T20	20-pin connector
T52b	52-pin connector
U31	Diagnostic connection
Z1	Heated rear window
B170	Positive connection 2 (30), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Onboard supply control unit, Data bus diagnostic interface

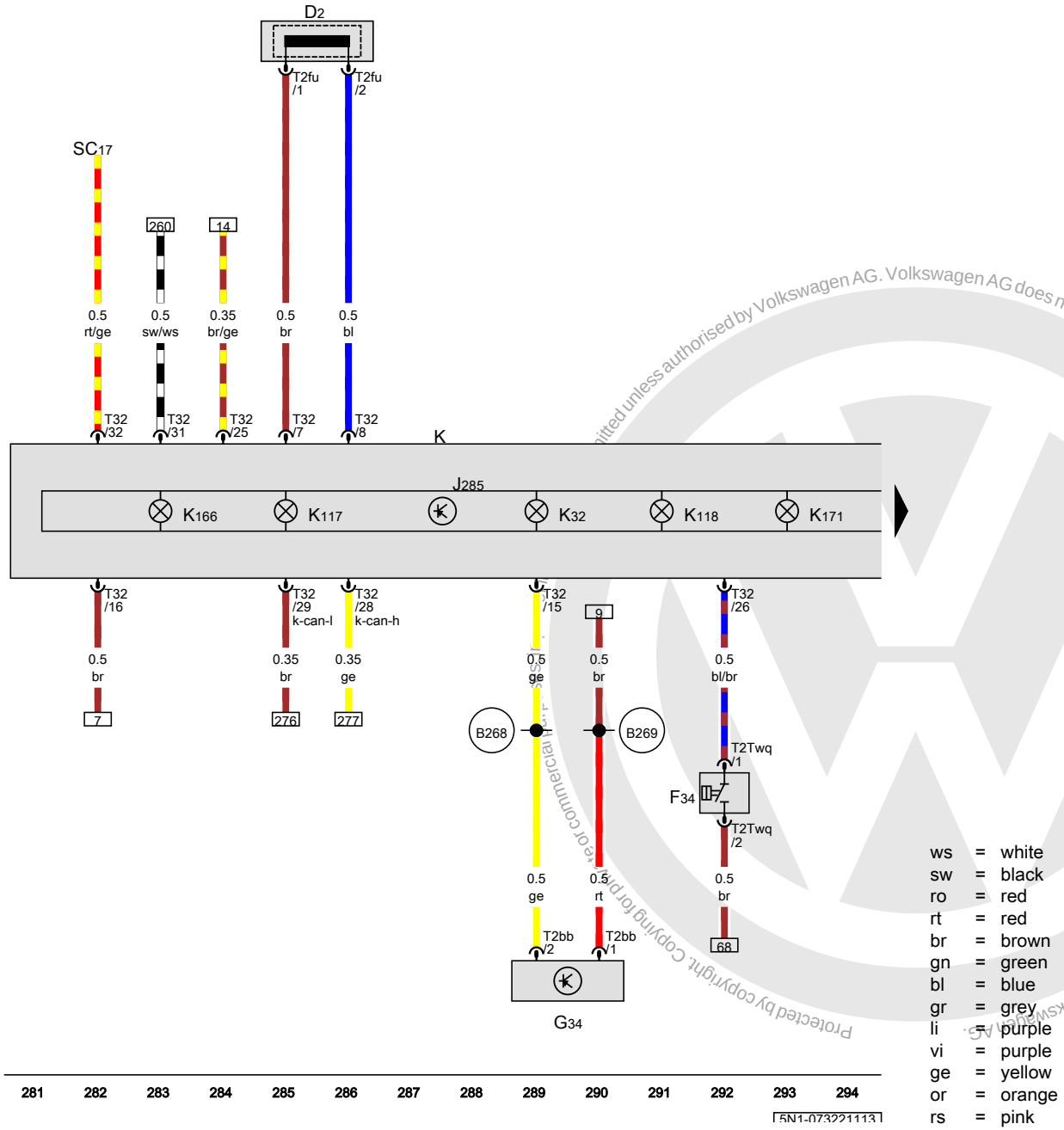
J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
R	Radio
T6da	6-pin connector
T16b	16-pin connector
T16d	16-pin connector
T20	20-pin connector
T52c	52-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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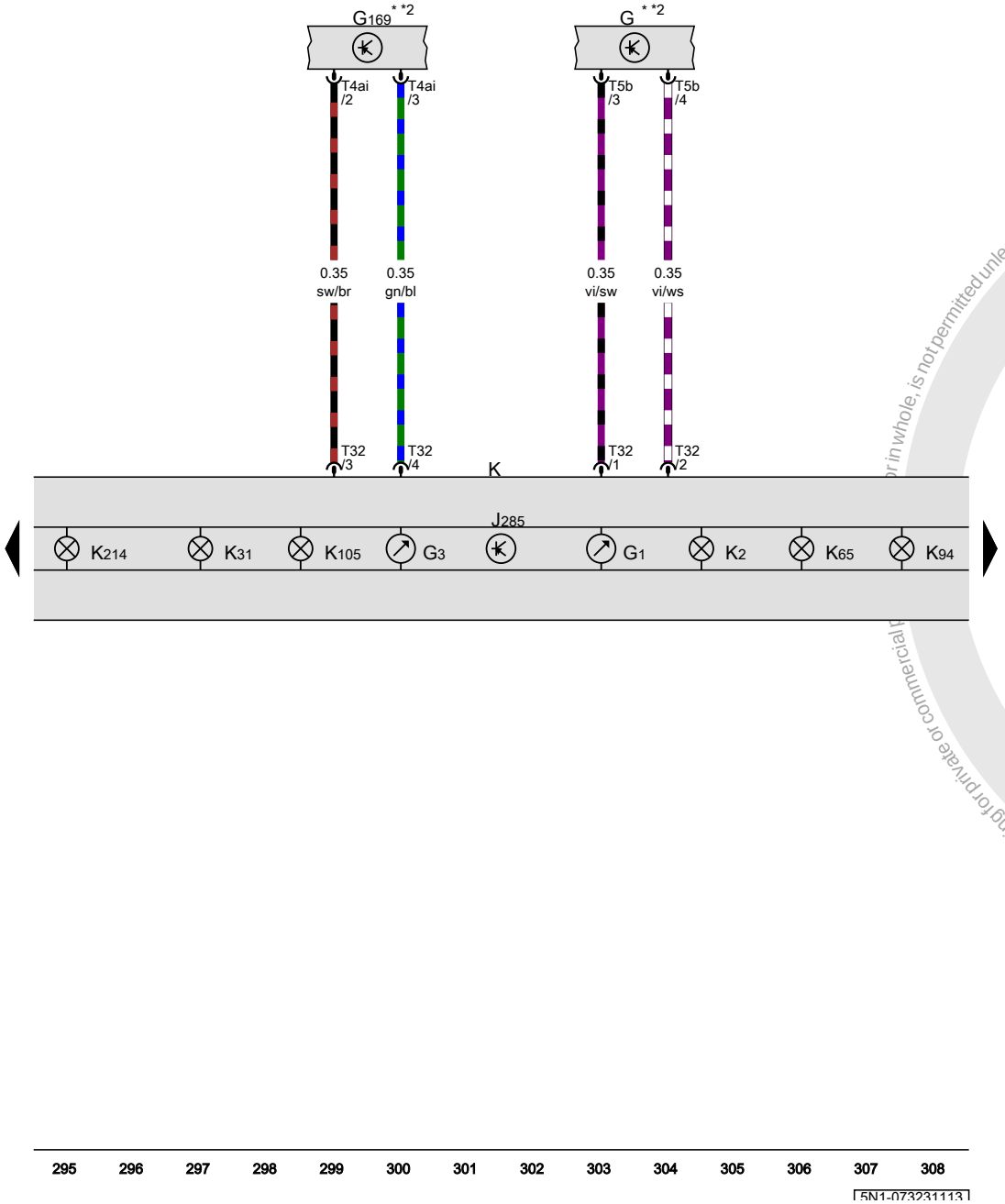
Immobiliser reader coil, Front left brake pad wear sender, Control unit in dash panel insert, Dash panel insert

D2	Immobiliser reader coil
F34	Brake fluid level warning contact
G34	Front left brake pad wear sender
J285	Control unit in dash panel insert
K	Dash panel insert
K32	Brake pad warning lamp
K117	Immobiliser warning lamp
K118	Brake system warning lamp
K166	Door open warning lamp
K171	Bonnet open warning lamp
SC17	Fuse 17 on fuse holder C
T2bb	2-pin connector
T2fu	2-pin connector
T2Twq	2-pin connector
T32	32-pin connector
B268	Connection 1 (brake pad wear indicator), in interior wiring harness
B269	Connection 2 (brake pad wear indicator), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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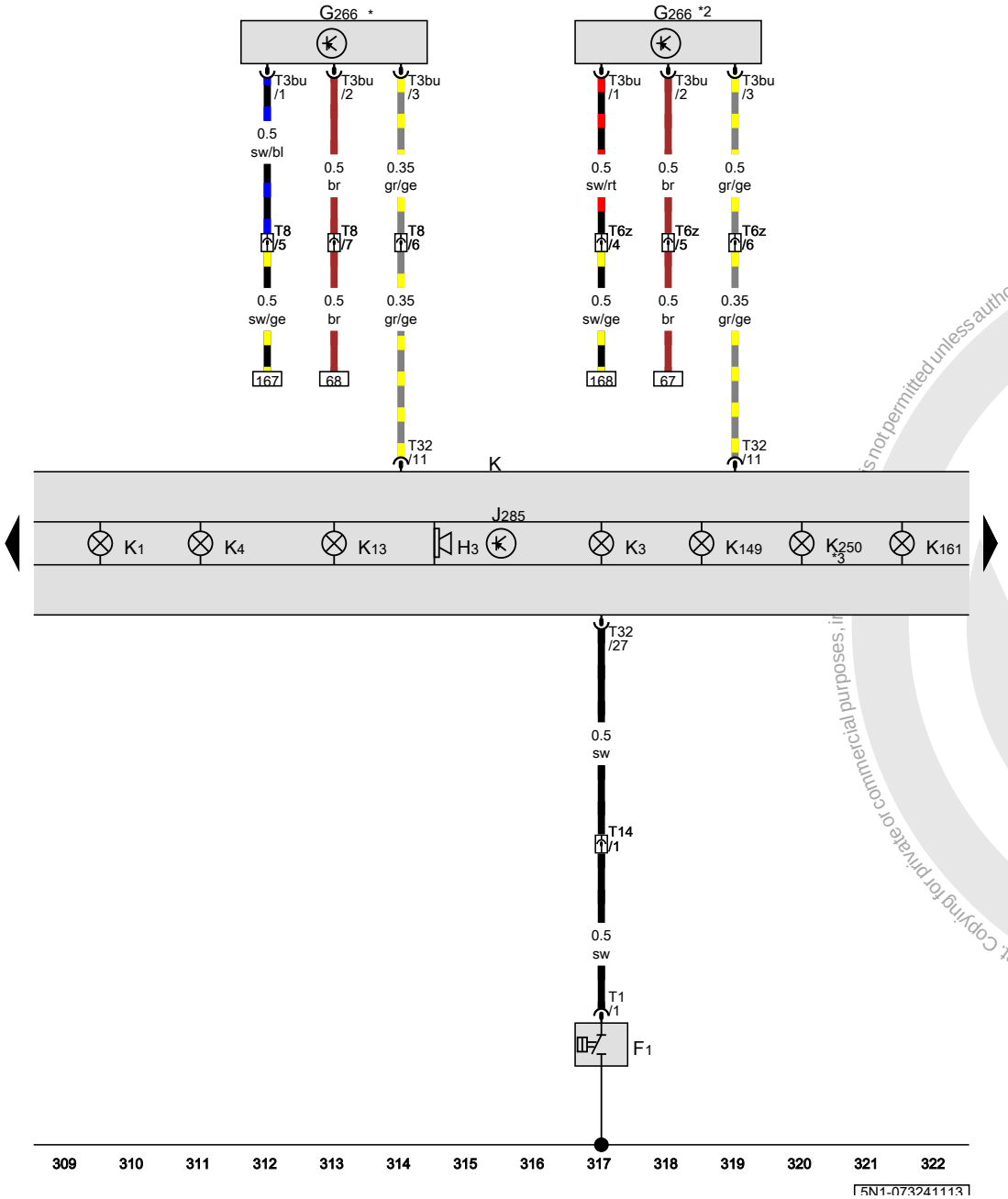


Fuel gauge sender, Control unit in dash panel insert, Dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
K105	Reserve fuel warning lamp
K214	Electric parking brake and handbrake fault warning lamp
T4ai	4-pin connector
T5b	5-pin connector
T32	32-pin connector
*	According to equipment
*2	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Oil pressure switch, Control unit in dash panel insert, Dash panel insert

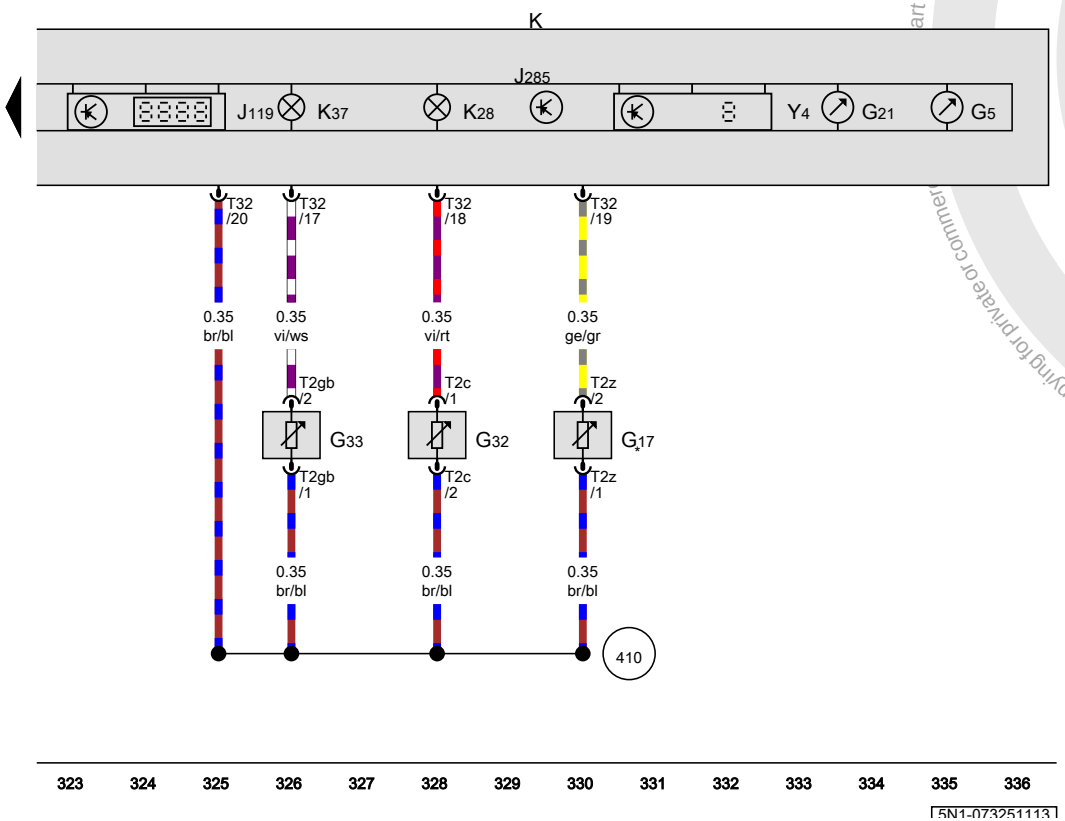
F1	Oil pressure switch
G266	Oil level and oil temperature sender
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K3	Oil pressure warning lamp
K4	Side light warning lamp
K13	Rear fog light warning lamp
K149	Engine electronics warning lamp
K161	Electromechanical power steering warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T3bu	3-pin connector
T6z	6-pin connector
T8	8-pin connector
T14	14-pin connector
T32	32-pin connector
*	Only models with 1.4l engine
*2	Only models with 2.0l engine
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Ambient temperature sensor, Coolant shortage indicator sender, Windscreen washer fluid level sender, Control unit in dash panel insert, Dash panel insert

G5	Rev. counter
G17	Ambient temperature sensor
G21	Speedometer
G32	Coolant shortage indicator sender
G33	Windscreen washer fluid level sender
J119	Multifunction indicator
J285	Control unit in dash panel insert
K	Dash panel insert
K28	Coolant temperature and coolant shortage warning lamp
K37	Washer fluid level warning lamp
T2c	2-pin connector
T2gb	2-pin connector
T2z	2-pin connector
T32	32-pin connector
Y4	Trip counter
410	Earth connection 1 (sender earth) in main wiring harness
*	According to equipment



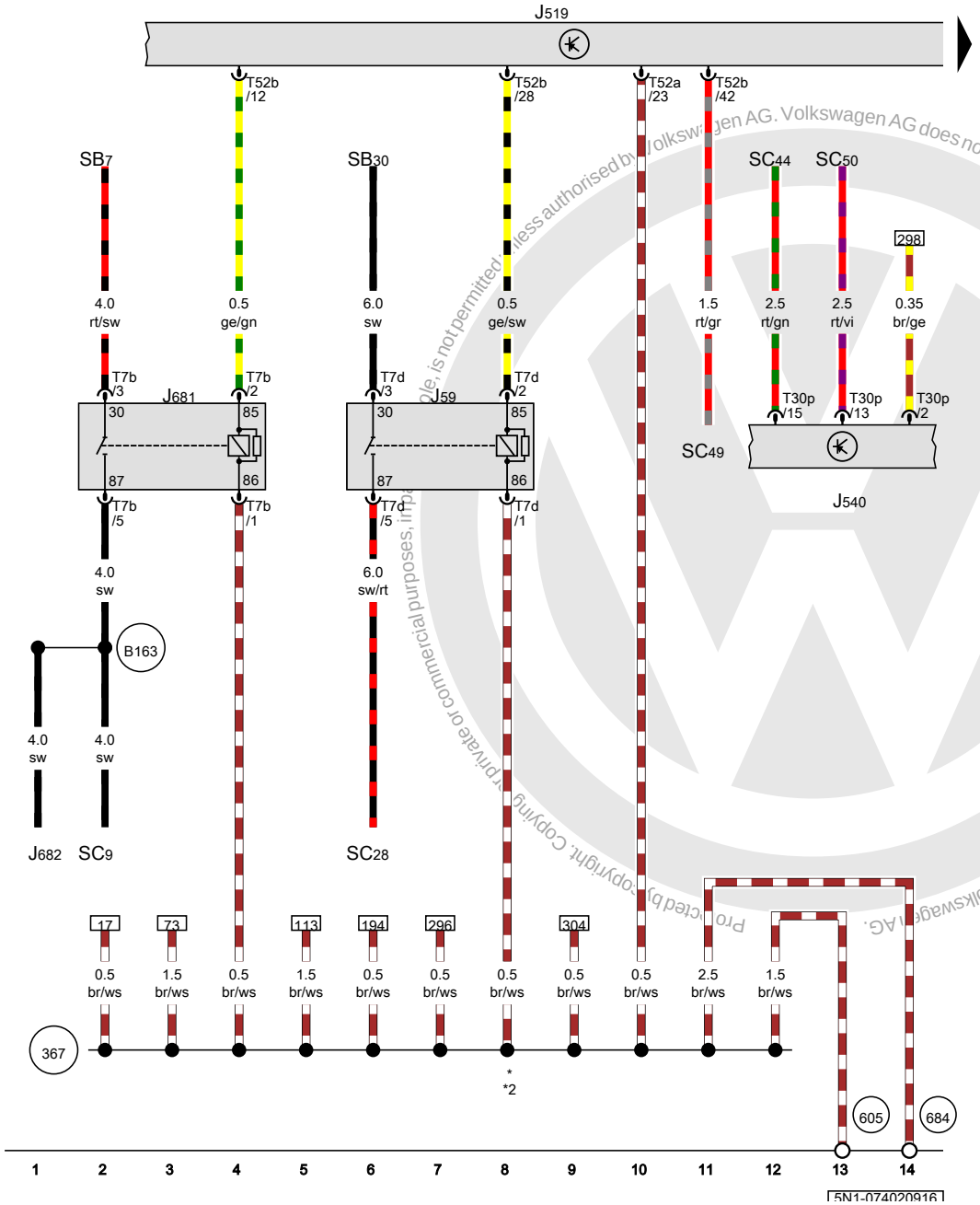
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Basic equipment

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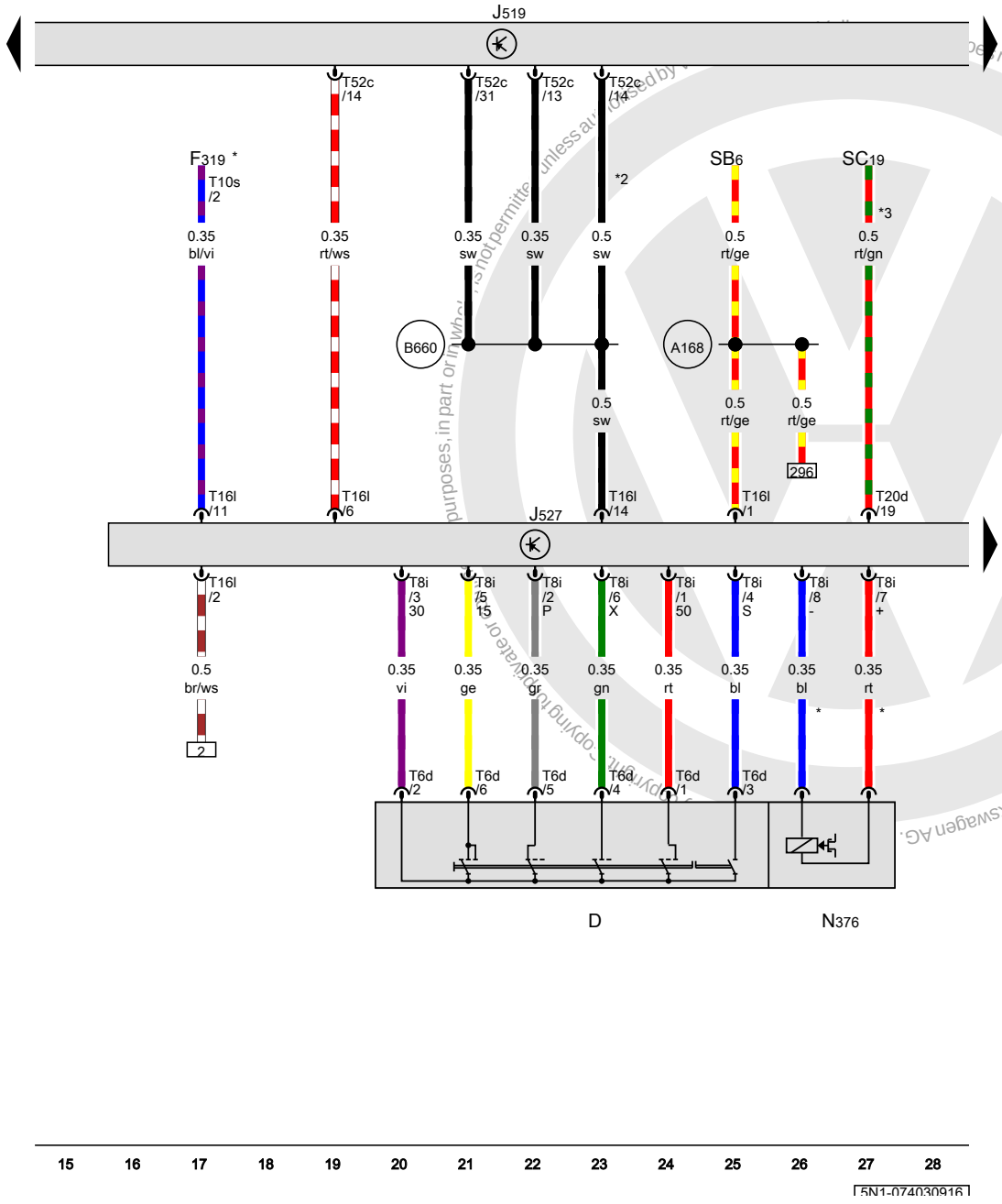


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

X-contact relief relay, Onboard supply control unit, Control unit for electromechanical parking brake, Terminal 15 voltage supply relay 2

J59	X-contact relief relay
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SB7	Fuse 7 on fuse holder B
SC9	Fuse 9 on fuse holder C
SC28	Fuse 28 on fuse holder C
SB30	Fuse 30 on fuse holder B
SC44	Fuse 44 on fuse holder C
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
T7b	7-pin connector
T7d	7-pin connector
T30p	30-pin connector
T52a	52-pin connector
T52b	52-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
B163	Positive connection 1 (15), in interior wiring harness
*	Wiring colour depends on equipment
*2	From November 2010

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Ignition/starter switch, Onboard supply control unit, Steering column electronics control unit, Ignition key withdrawal lock solenoid

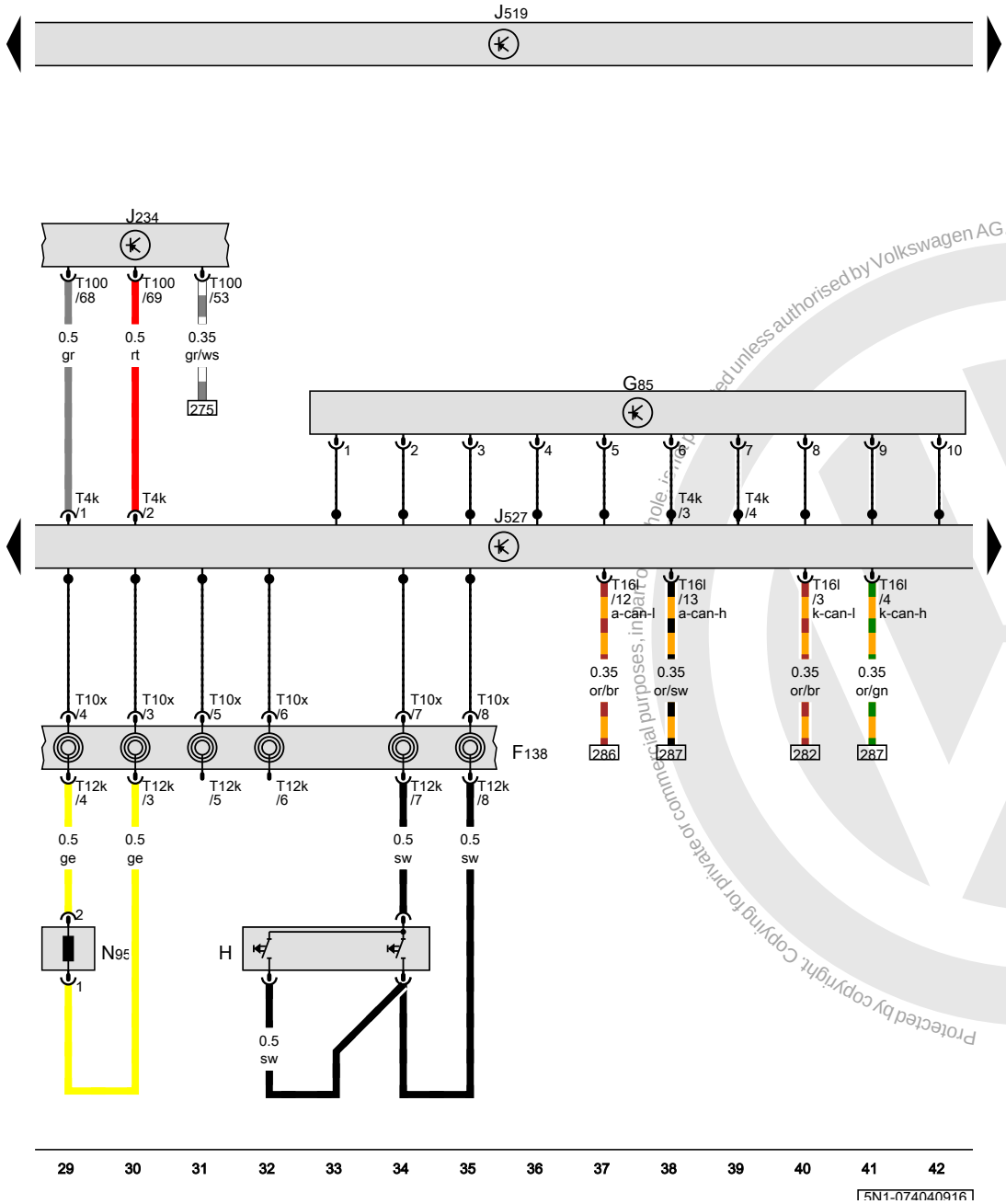
D	Ignition/starter switch
F319	Selector lever locked in position P switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
N376	Ignition key withdrawal lock solenoid
SB6	Fuse 6 on fuse holder B
SC19	Fuse 19 on fuse holder C
T6d	6-pin connector
T8i	8-pin connector
T10s	10-pin connector
T16l	16-pin connector
T20d	20-pin connector
T52c	52-pin connector
A168	Positive connection 4 (30a) in dash panel wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with automatic gearbox
*2	Only models with start/stop system
*3	Only models with stop/start system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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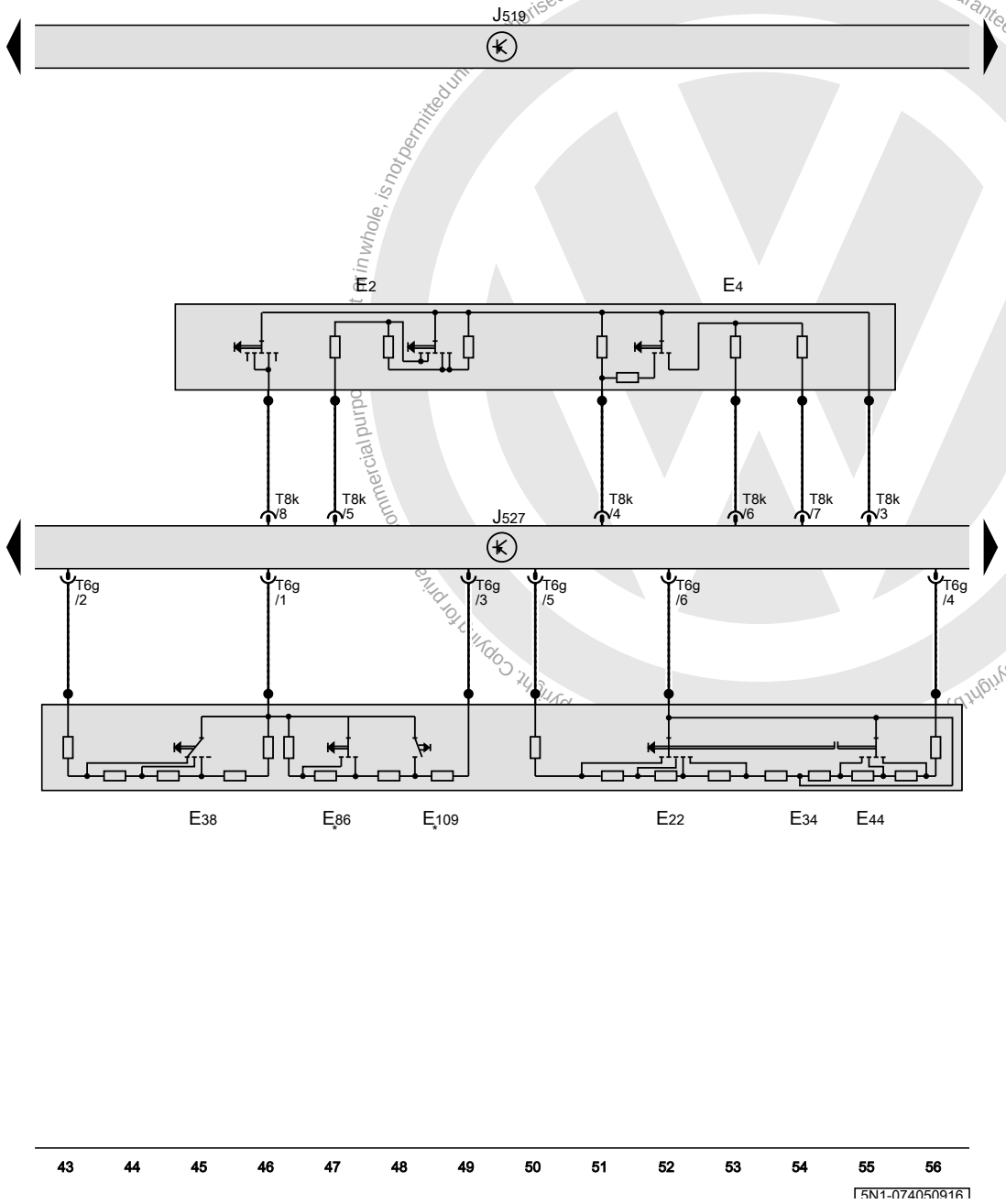
Airbag coil connector and return ring with slip ring, Steering angle sender, Horn plate, Airbag control unit, Onboard supply control unit, Steering column electronics control unit, Driver side airbag igniter

F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
T4k	4-pin connector
T10x	10-pin connector
T12k	12-pin connector
T16l	16-pin connector
T100	100-pin connector



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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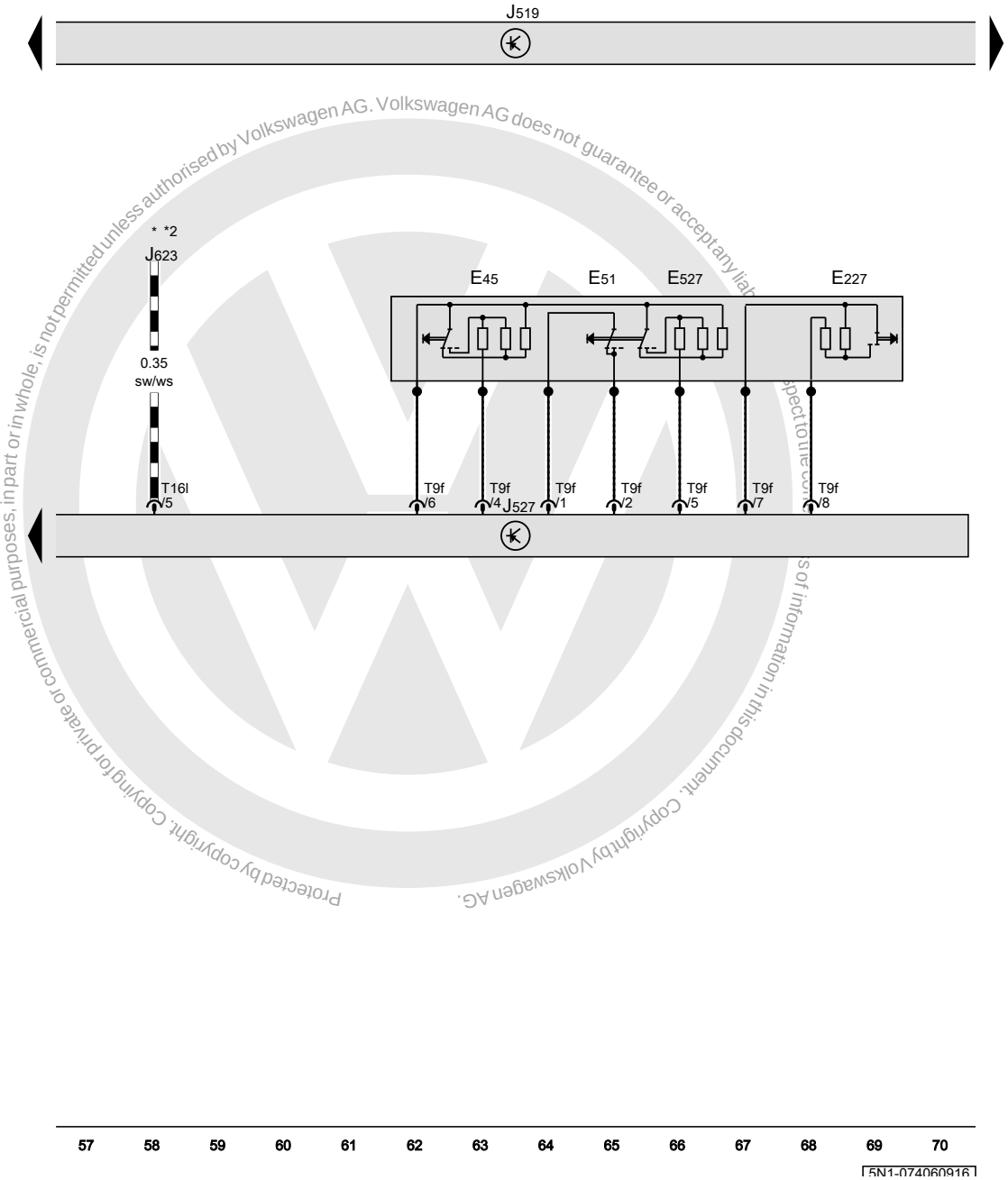


Turn signal switch, Intermittent wiper switch, Onboard supply control unit, Steering column electronics control unit

E2	Turn signal switch
E4	Headlight dipper and flasher switch
E22	Intermittent wiper switch
E34	Rear wiper switch
E38	Intermittent wiper regulator
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E86	Multifunction display call-up button
E109	Multifunction display memory switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
T6g	6-pin connector
T8k	8-pin connector
*	Only models with multifunction display

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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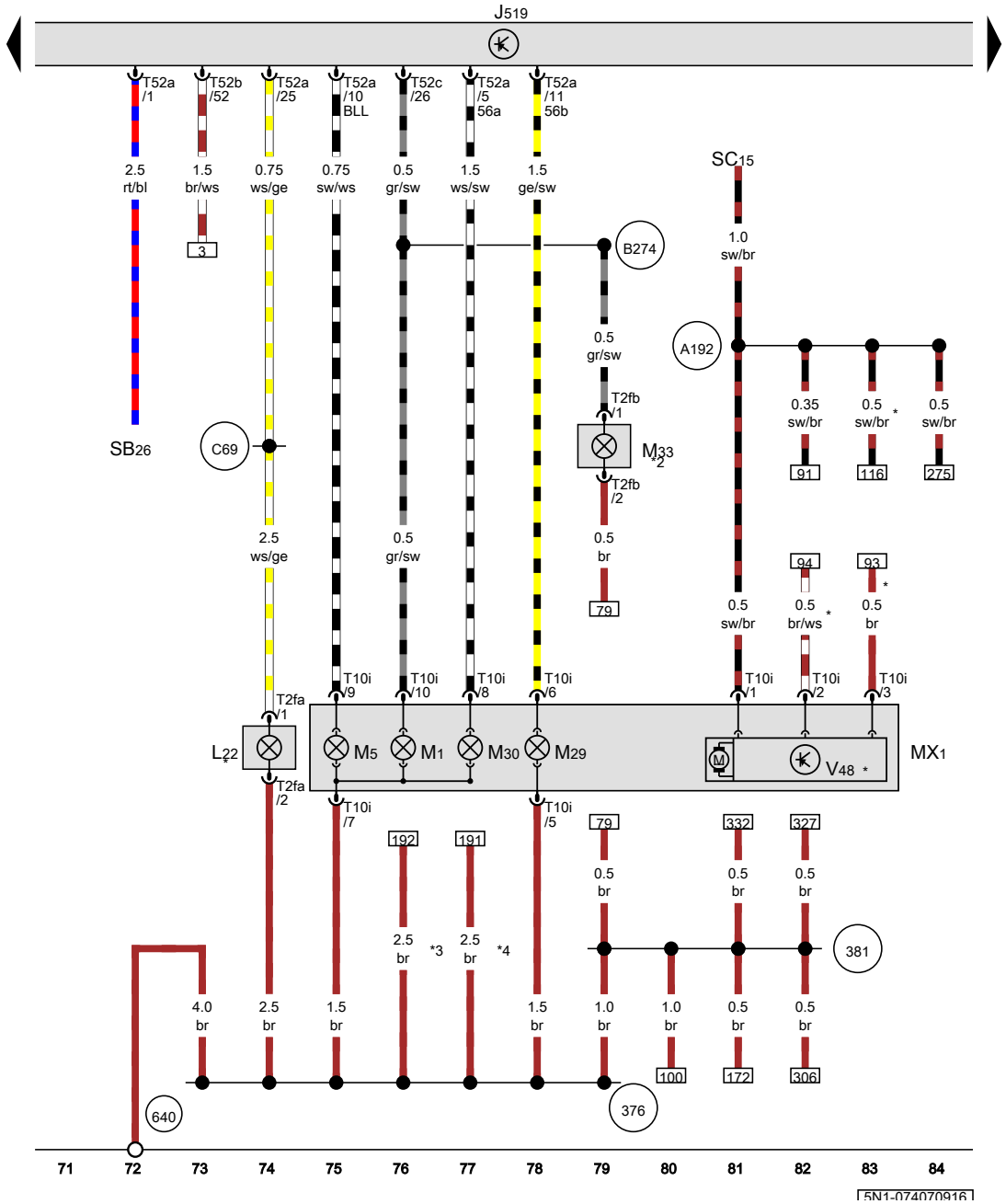


Cruise control system switch, Onboard supply control unit, Steering column electronics control unit

E45	Cruise control system switch
E51	Cruise control system master switch
E227	Cruise control system (CCS) SET button
E527	Button to temporarily switch cruise control system (CCS) off
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
T9f	9-pin connector
T16l	16-pin connector
640	Earth point 2, left in engine compartment
*	Only models with cruise control system (CCS)
*2	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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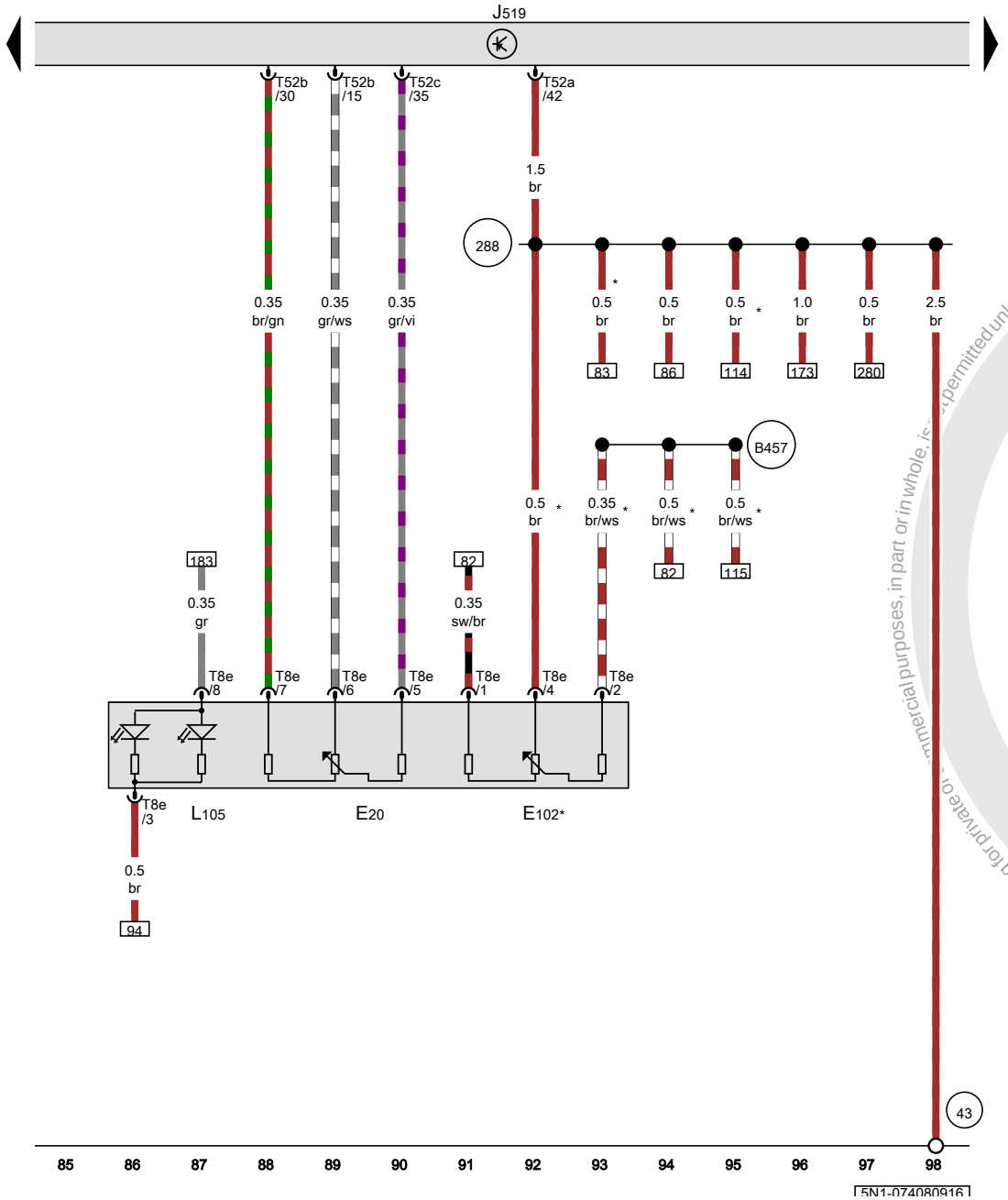


Onboard supply control unit, Left fog light bulb, Front left headlight

J519	Onboard supply control unit
L22	Left fog light bulb
M1	Left side light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
M33	Front left side marker bulb
SC15	Fuse 15 on fuse holder C
SB26	Fuse 26 on fuse holder B
T2fa	2-pin connector
T2fb	2-pin connector
T10i	10-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
V48	Left headlight range control motor
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
A192	Positive connection 3 (15a) in dash panel wiring harness
B274	Positive connection (58L), in main wiring harness
C69	Front left connection (fog light),, in main wiring harness
*	According to equipment
*2	Only for American markets
*3	Only left-hand drive models
*4	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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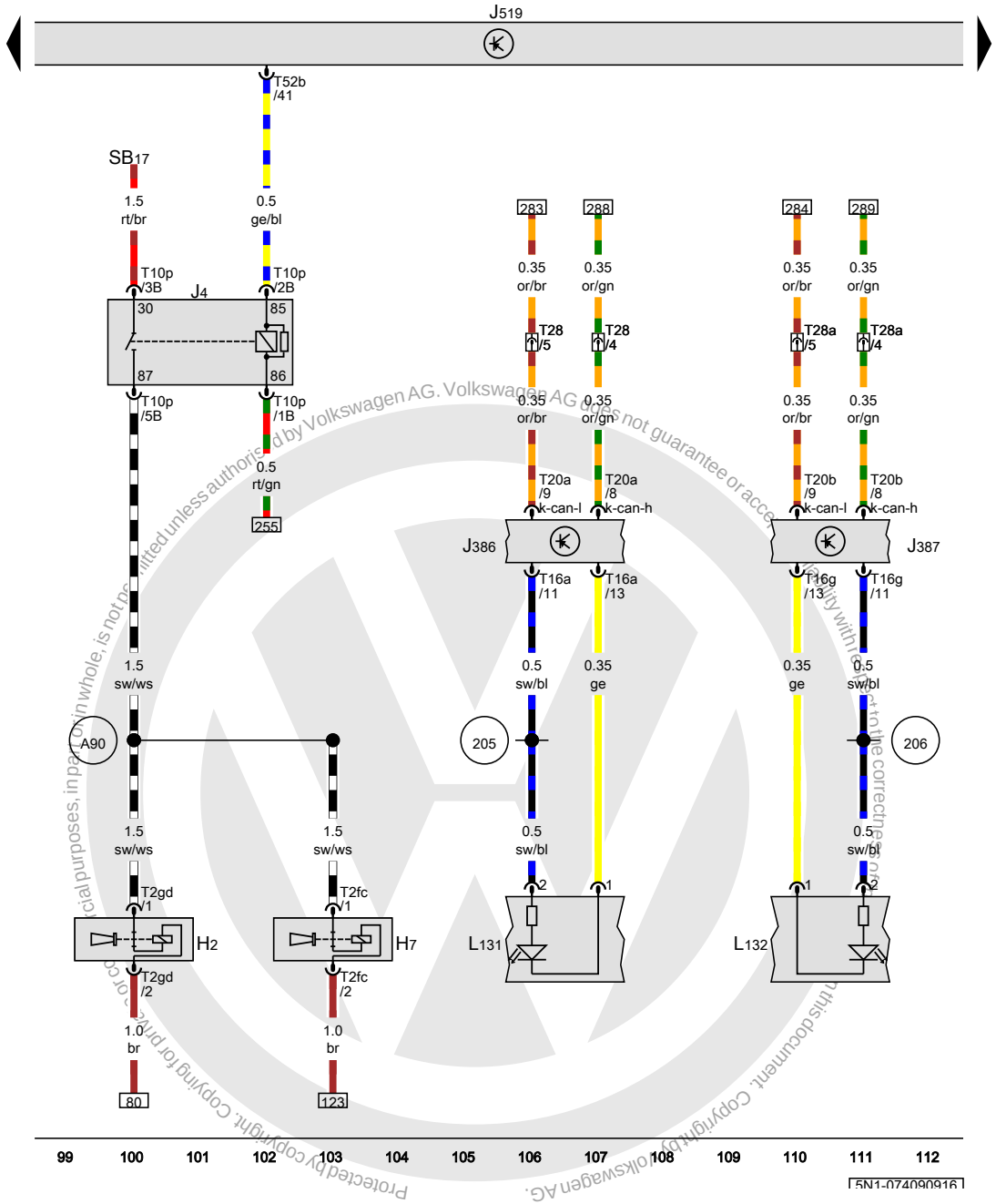


Switch and instrument illumination regulator, Onboard supply control unit

E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
J519	Onboard supply control unit
L105	Illumination regulator illumination bulb
T8e	8-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
B457	Connection 1 (potentiometer), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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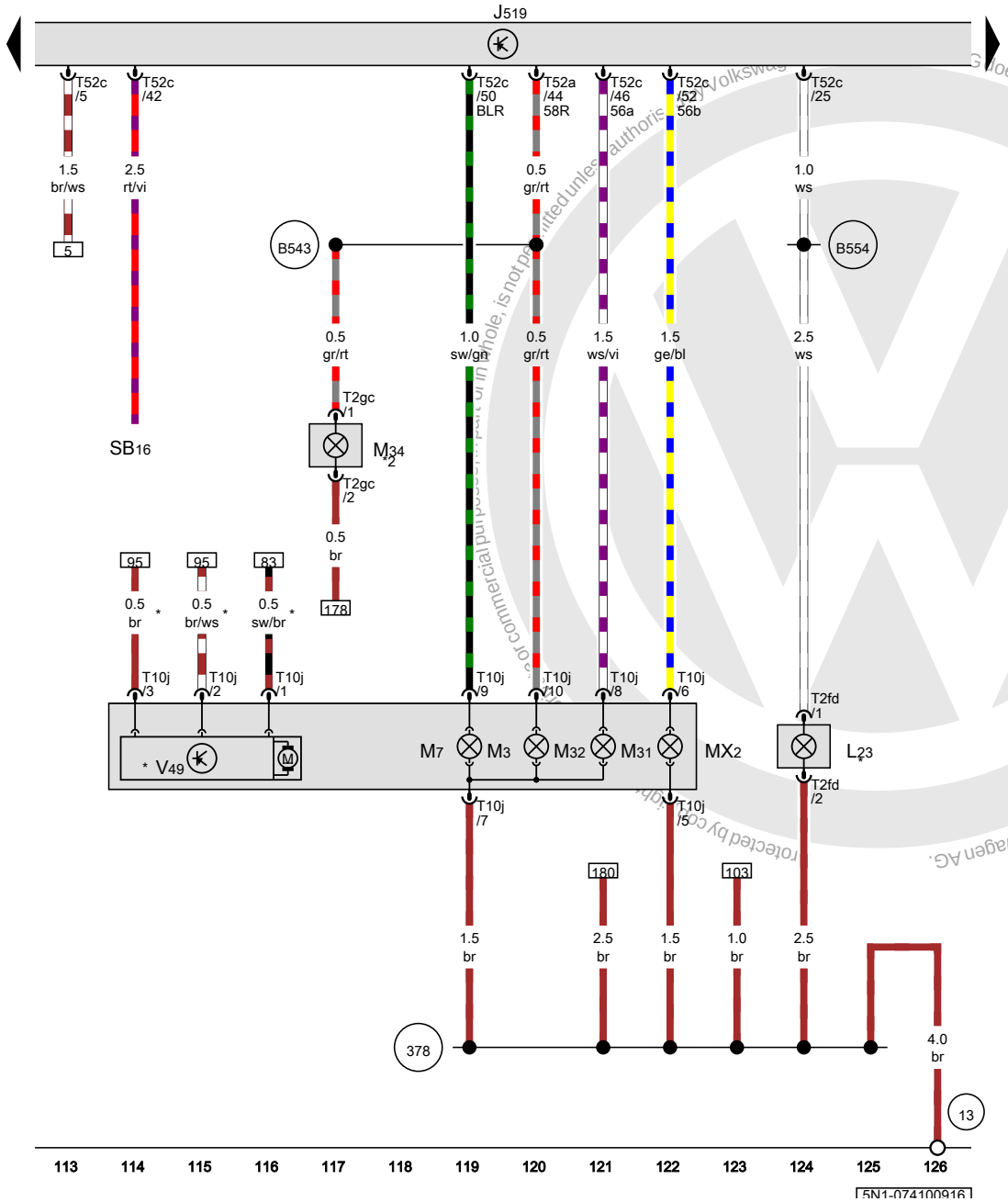
Dual tone horn relay, Driver door control unit, Front passenger door control unit, Onboard supply control unit, Driver side turn signal repeater bulb, Front passenger side turn signal repeater bulb

H2	Treble horn
H7	Bass horn
J4	Dual tone horn relay
J386	Driver door control unit
J387	Front passenger door control unit
J519	Onboard supply control unit
L131	Driver side turn signal repeater bulb
L132	Front passenger side turn signal repeater bulb
SB17	Fuse 17 on fuse holder B
T2fc	2-pin connector
T2gd	2-pin connector
T10p	10-pin connector
T16a	16-pin connector
T16g	16-pin connector
T20a	20-pin connector
T20b	20-pin connector
T28	28-pin connector
T28a	28-pin connector
T52b	52-pin connector
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
A90	Connection (dual tone horn), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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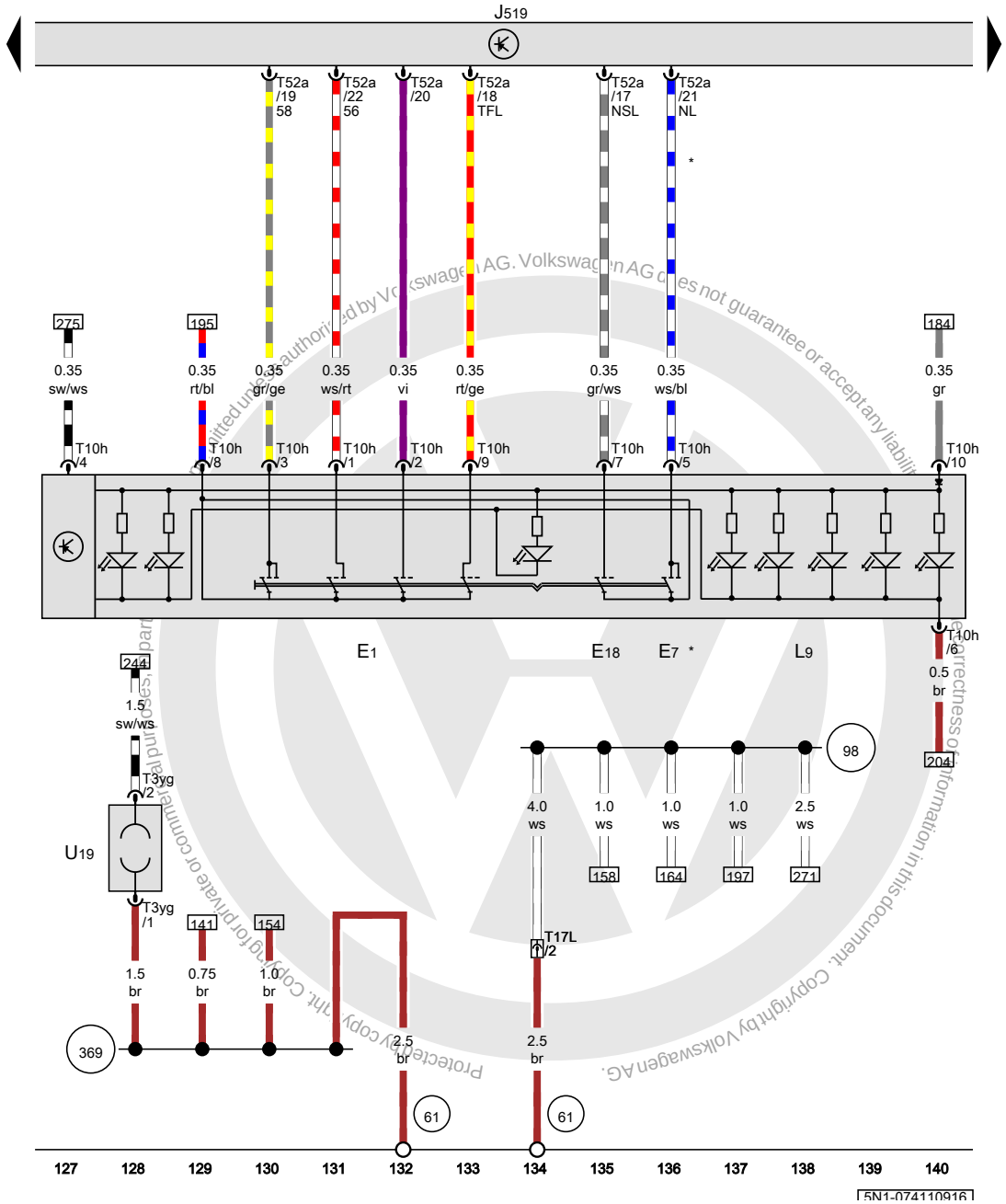
Onboard supply control unit, Right fog light bulb, Front right headlight



J519	Onboard supply control unit
L23	Right fog light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
M34	Front right side marker bulb
SB16	Fuse 16 on fuse holder B
T2fd	2-pin connector
T2gc	2-pin connector
T10j	10-pin connector
T52a	52-pin connector
T52c	52-pin connector
V49	Right headlight range control motor
13	Earth point, on right in engine compartment
378	Earth connection 13, in main wiring harness
B543	Positive connection (58R), in main wiring harness
B554	Connection (fog light), in main wiring harness
*	According to equipment
*2	Only for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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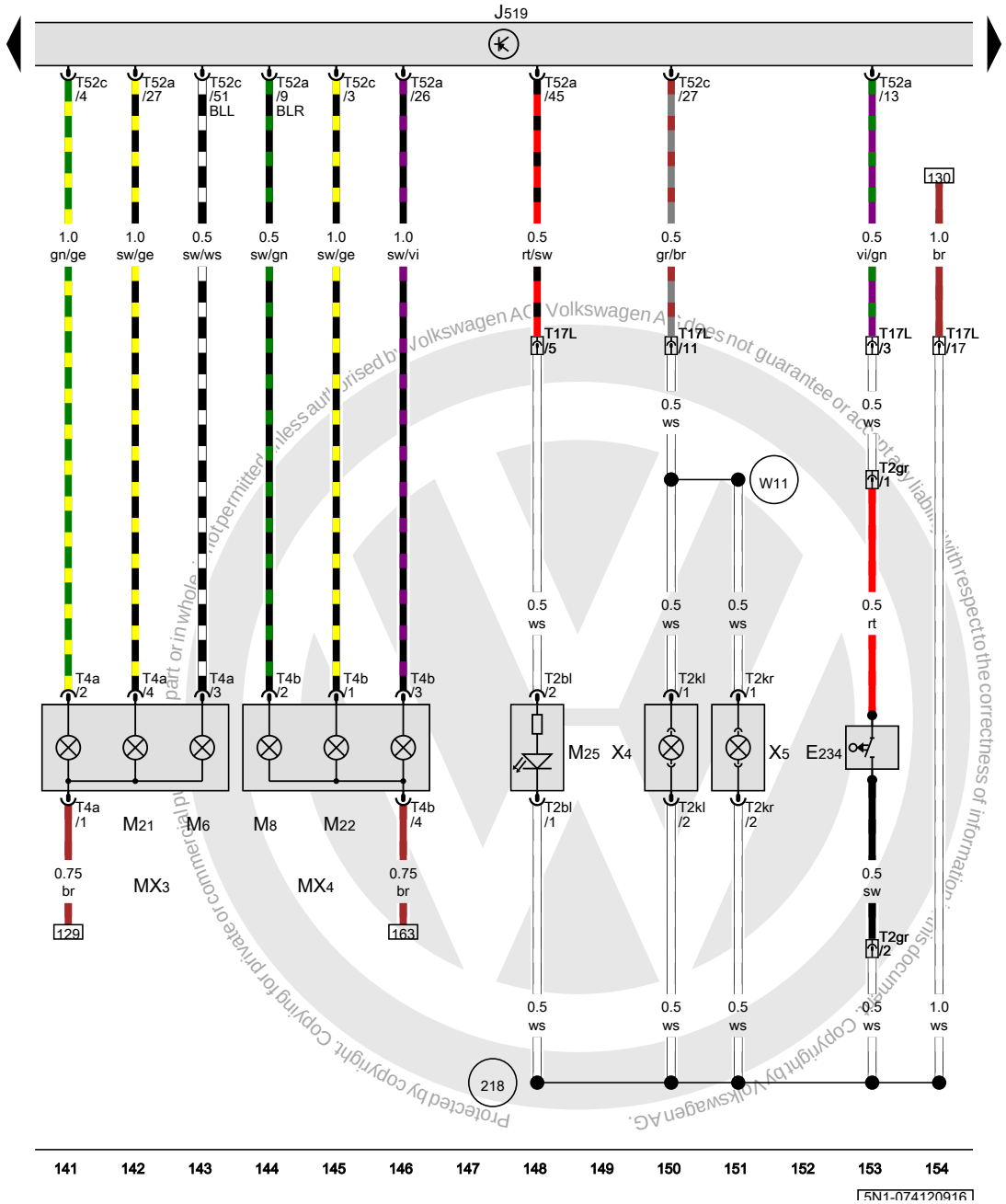


Light switch, Onboard supply control unit, 12 V socket 3

E1	Light switch
E7	Fog light switch
E18	Rear fog light switch
J519	Onboard supply control unit
L9	Light switch illumination bulb
T3yg	3-pin connector
T10h	10-pin connector
T17L	17-pin connector
T52a	52-pin connector
U19	12 V socket 3
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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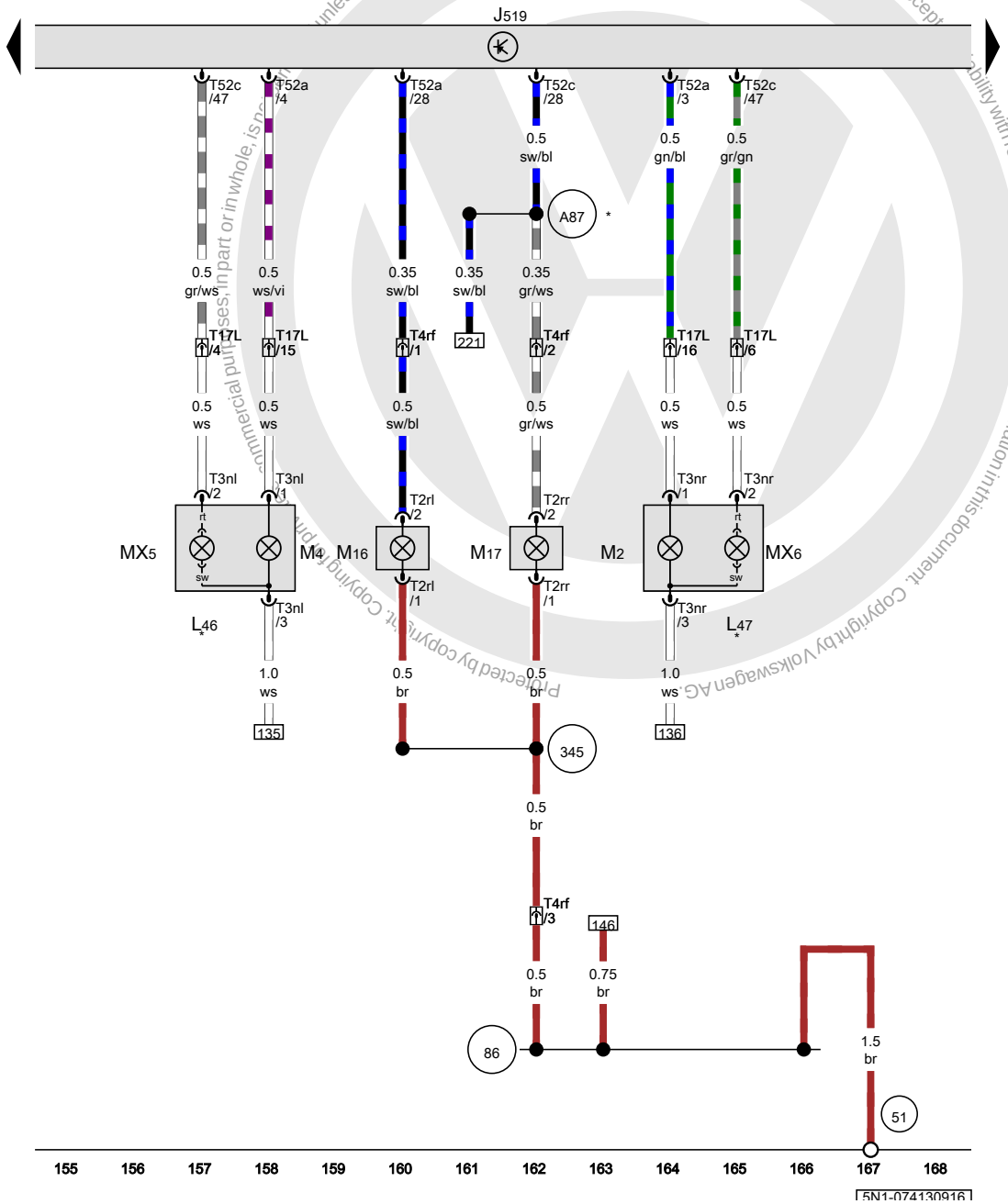
Onboard supply control unit, Left tail light, Right tail light, High-level brake light bulb, Left number plate light, Right number plate light

E234	Rear lid handle release button
J519	Onboard supply control unit
MX3	Left tail light
MX4	Right tail light
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	High-level brake light bulb
T2bl	2-pin connector
T2gr	2-pin connector
T2kl	2-pin connector
T2kr	2-pin connector
T4a	4-pin connector
T4b	4-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52c	52-pin connector
X4	Left number plate light
X5	Right number plate light
218	Earth connection 1, in rear lid wiring harness
W11	Connection (58), in rear lid wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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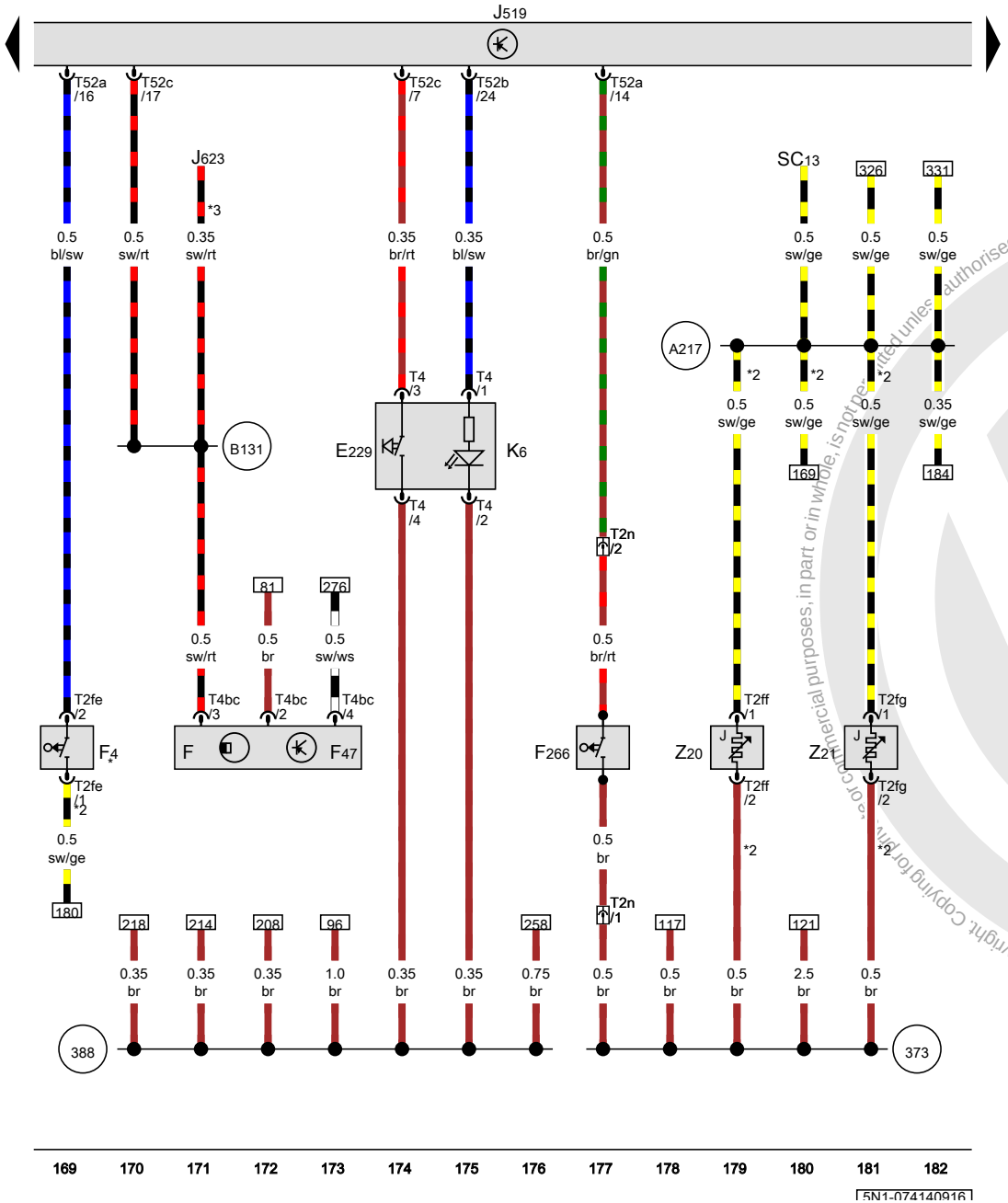
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Onboard supply control unit, Rear left fog light bulb, Rear right fog light bulb, Left tail light 2, Right tail light 2, Left reversing light bulb, Right reversing light bulb

J519	Onboard supply control unit
L46	Rear left fog light bulb
L47	Rear right fog light bulb
M2	Right tail light bulb
M4	Left tail light bulb
MX5	Left tail light 2
MX6	Right tail light 2
M16	Left reversing light bulb
M17	Right reversing light bulb
T2rl	2-pin connector
T2rr	2-pin connector
T3nl	3-pin connector
T3nr	3-pin connector
T4rf	4-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52c	52-pin connector
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
345	Earth connection, in bumper wiring harness
A87	Connection (RL), in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

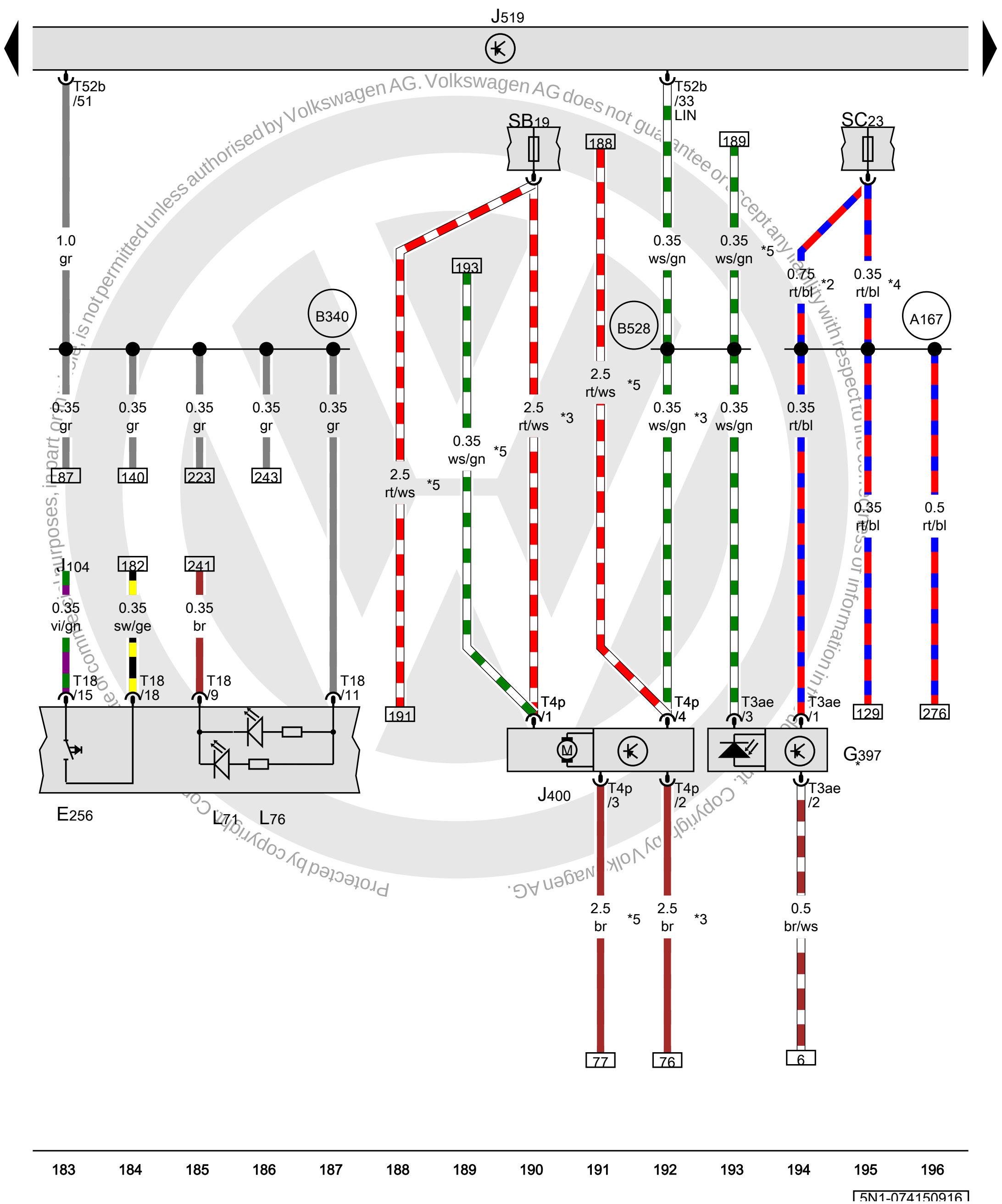


Hazard warning lights button, Brake light switch, Reversing light switch, Bonnet contact switch, Onboard supply control unit, Left washer jet heater element, Right washer jet heater element

E229	Hazard warning lights button
F	Brake light switch
F4	Reversing light switch
F47	Brake pedal switch
F266	Bonnet contact switch
J519	Onboard supply control unit
J623	Engine control unit
K6	Indicator lamp for hazard warning light
SC13	Fuse 13 on fuse holder C
T2fe	2-pin connector
T2ff	2-pin connector
T2fg	2-pin connector
T2n	2-pin connector
T4	4-pin connector
T4bc	4-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
373	Earth connection 8, in main wiring harness
388	Earth connection 23, in main wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B131	Connection (54), in interior wiring harness
*	Only models with automatic gearbox
*2	According to equipment
*3	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

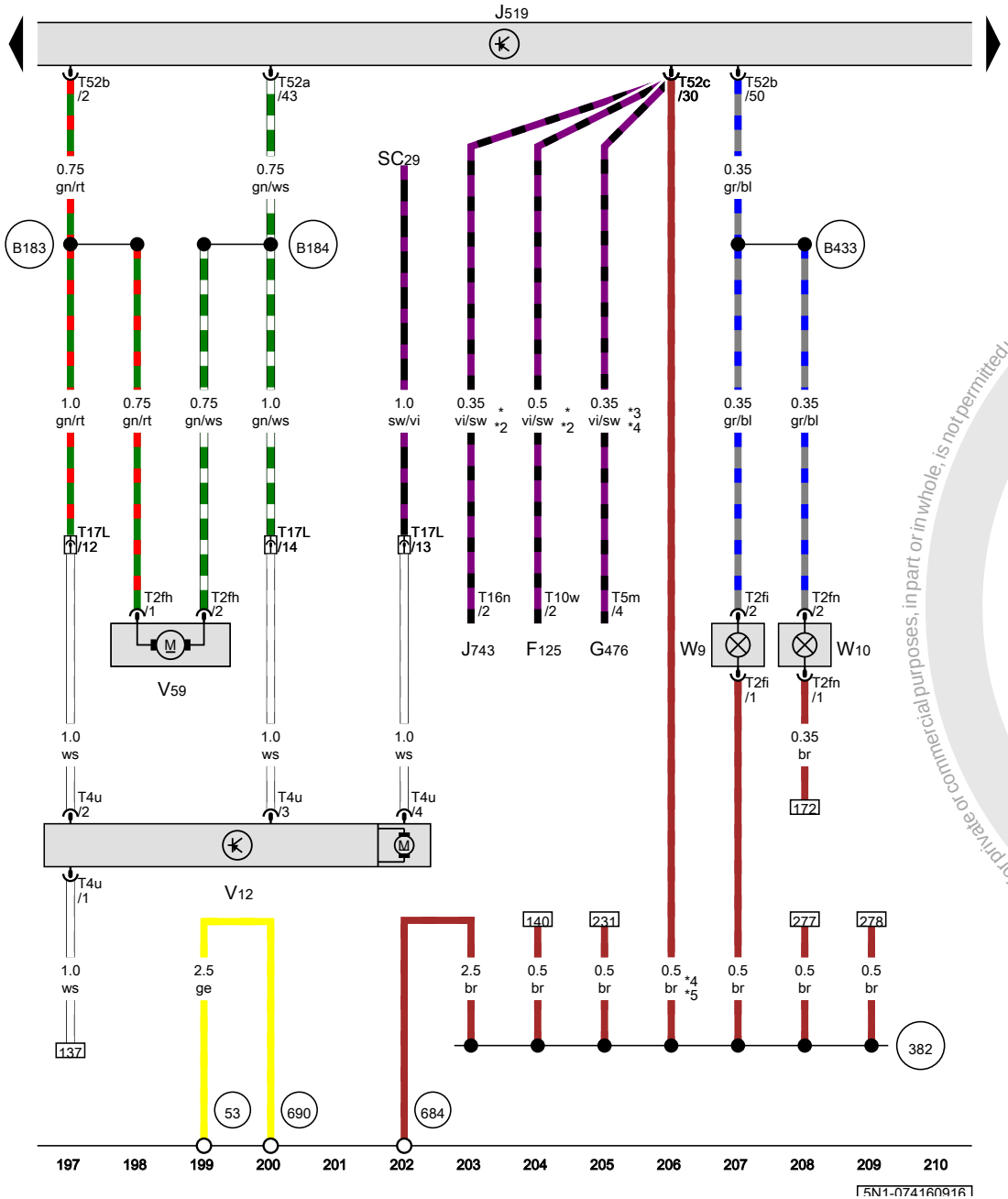
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Button for TCS and electronic stabilisation program, Rain and light sensor, Wiper motor control unit, Onboard supply control unit

E256	Button for TCS and electronic stabilisation program
G397	Rain and light sensor
J104	ABS control unit
J400	Wiper motor control unit
J519	Onboard supply control unit
L71	Traction control switch illumination bulb
L76	Button illumination bulb
SB19	Fuse 19 on fuse holder B
SC23	Fuse 23 on fuse holder C
T3ae	3-pin connector
T4p	4-pin connector
T18	18-pin connector
T52b	52-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
B340	Connection 1 (58d), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	According to equipment
*2	From November 2010
*3	Only left-hand drive models
*4	Up to November 2010
*5	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

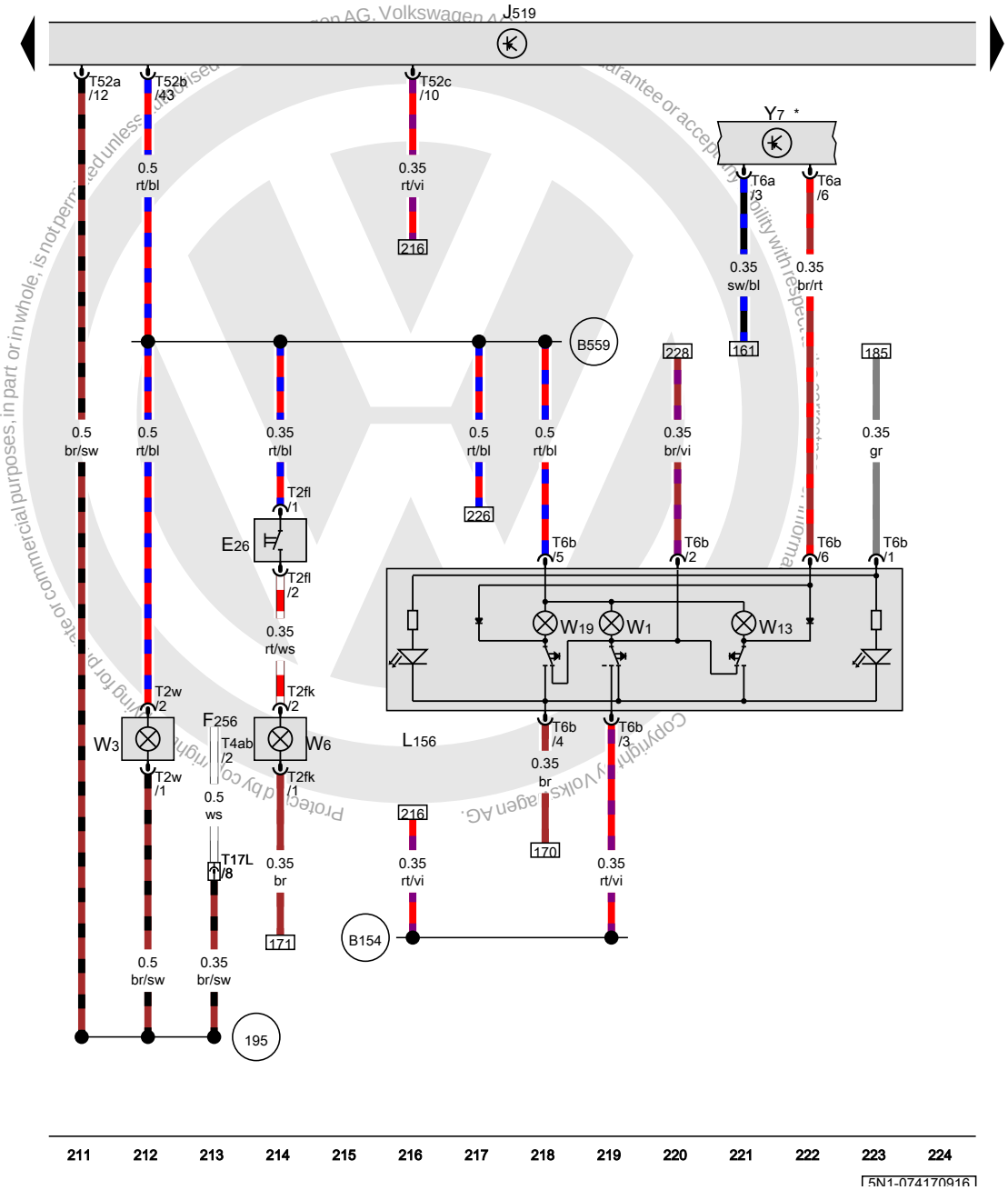


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump, Left footwell light, Right footwell light

F125	Multifunction switch
G476	Clutch position sender
J519	Onboard supply control unit
J743	Mechatronic unit for dual clutch gearbox
SC29	Fuse 29 on fuse holder C
T2fh	2-pin connector
T2fi	2-pin connector
T2fn	2-pin connector
T4u	4-pin connector
T5m	5-pin connector
T10w	10-pin connector
T16n	16-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
W9	Left footwell light
W10	Right footwell light
53	Earth point, on right in rear lid
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
690	Earth point, rear centre roof frame
B183	Connection 1 (washer pump), in interior wiring harness
B184	Connection 2 (washer pump), in interior wiring harness
B433	Connection (footwell light), in main wiring harness
*	Only models with automatic gearbox
*2	see applicable current flow diagram for gearbox
*3	Only models with no start/stop system
*4	Only models with manual gearbox
*5	Only models with start/stop system

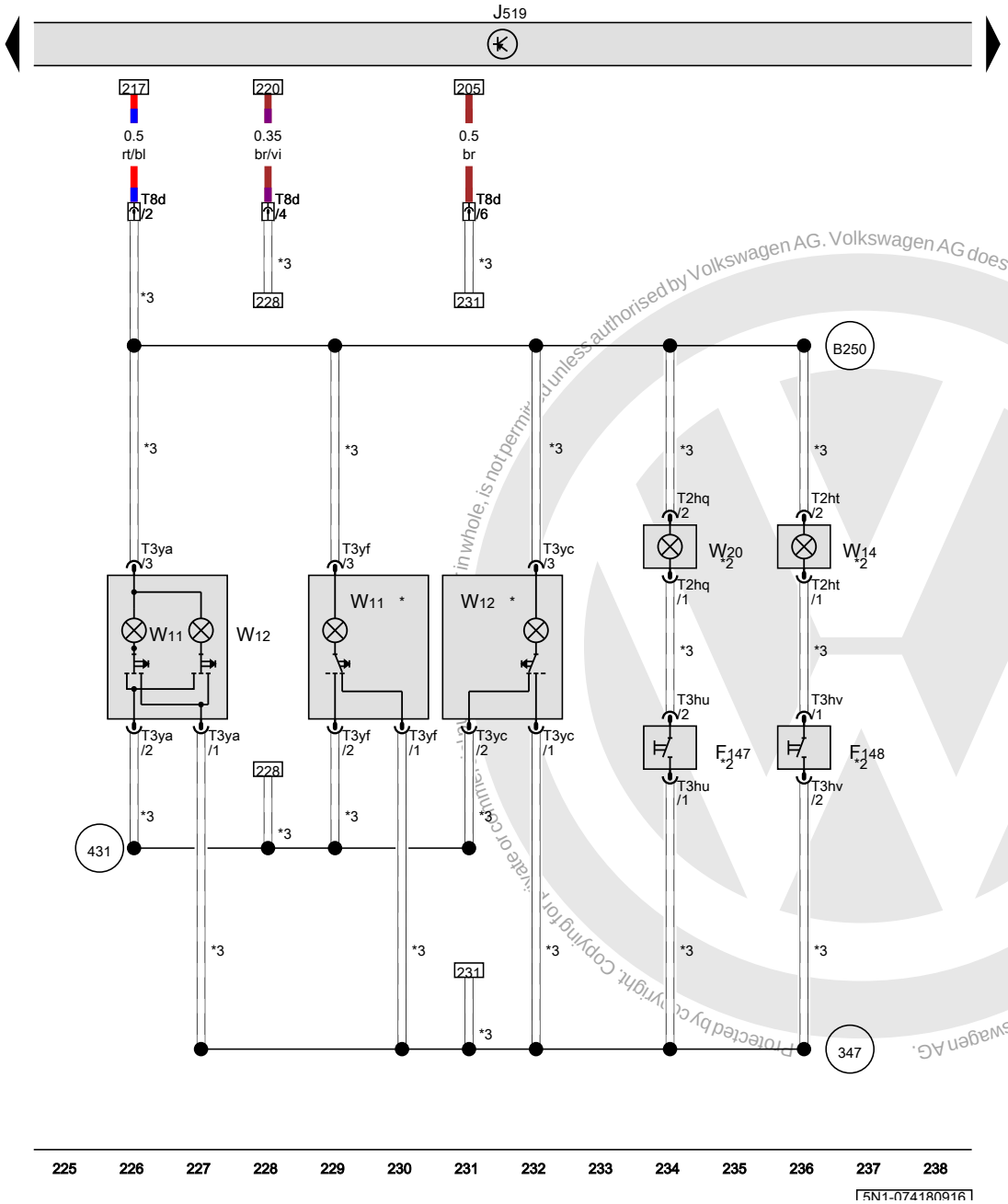
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Onboard supply control unit, Front interior light, Luggage compartment light, Glove compartment light, Automatic anti-dazzle interior mirror

E26	Glove compartment light switch
F256	Rear lid lock unit
J519	Onboard supply control unit
L156	Switch illumination bulb
T2fk	2-pin connector
T2fl	2-pin connector
T2w	2-pin connector
T4ab	4-pin connector
T6a	6-pin connector
T6b	6-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
W1	Front interior light
W3	Luggage compartment light
W6	Glove compartment light
W13	Front passenger reading light
W19	Driver side reading light
Y7	Automatic anti-dazzle interior mirror
195	Earth connection, in rear door switch wiring harness
B154	Connection 1 (DCt), in interior wiring harness
B559	Positive connection 1 (30g), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

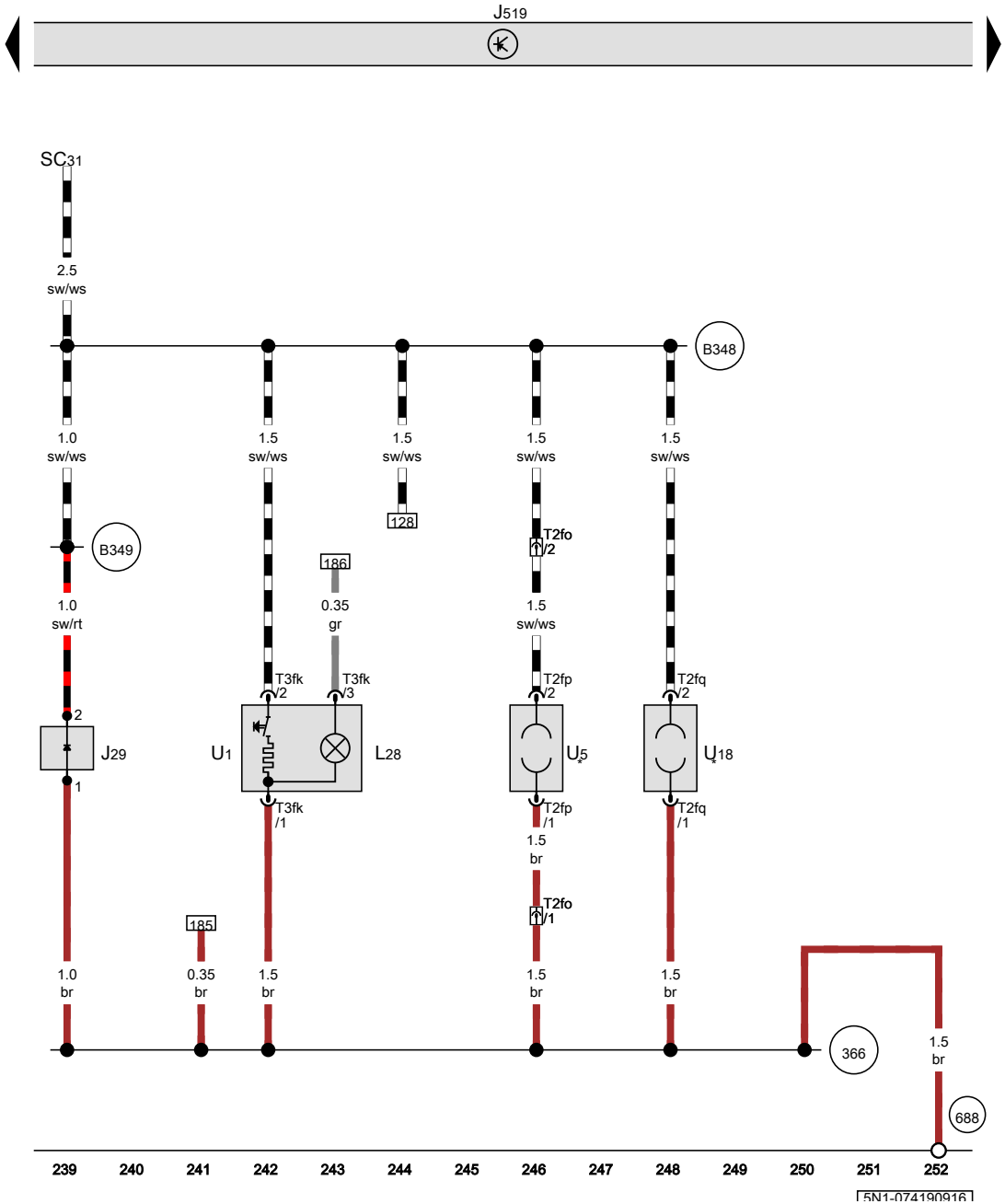


Onboard supply control unit, Rear left reading light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
J519	Onboard supply control unit
T2hq	2-pin connector
T2ht	2-pin connector
T3hu	3-pin connector
T3hv	3-pin connector
T3ya	3-pin connector
T3yc	3-pin connector
T3yf	3-pin connector
T8d	8-pin connector
W11	Rear left reading light
W12	Rear right reading light
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
347	Earth connection, in roof wiring harness
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
*	Only models with sliding/tilting sunroof
*2	According to equipment
*3	Flat conductor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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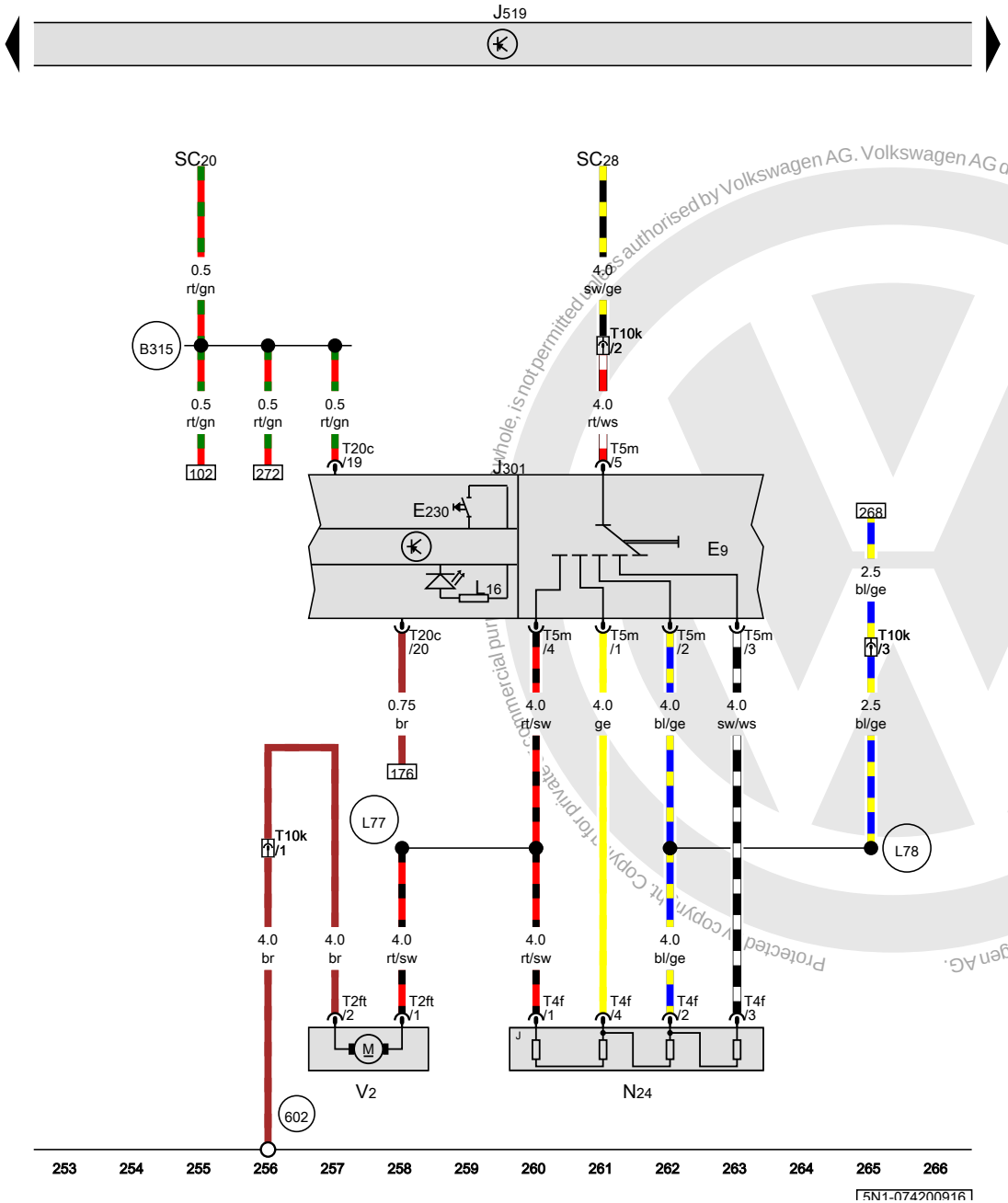


Onboard supply control unit, Cigarette lighter, 12 V socket, 12 V socket 2

J29	Blocking diode
J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
SC31	Fuse 31 on fuse holder C
T2fo	2-pin connector
T2fp	2-pin connector
T2fq	2-pin connector
T3fk	3-pin connector
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B348	Connection 1 (75a), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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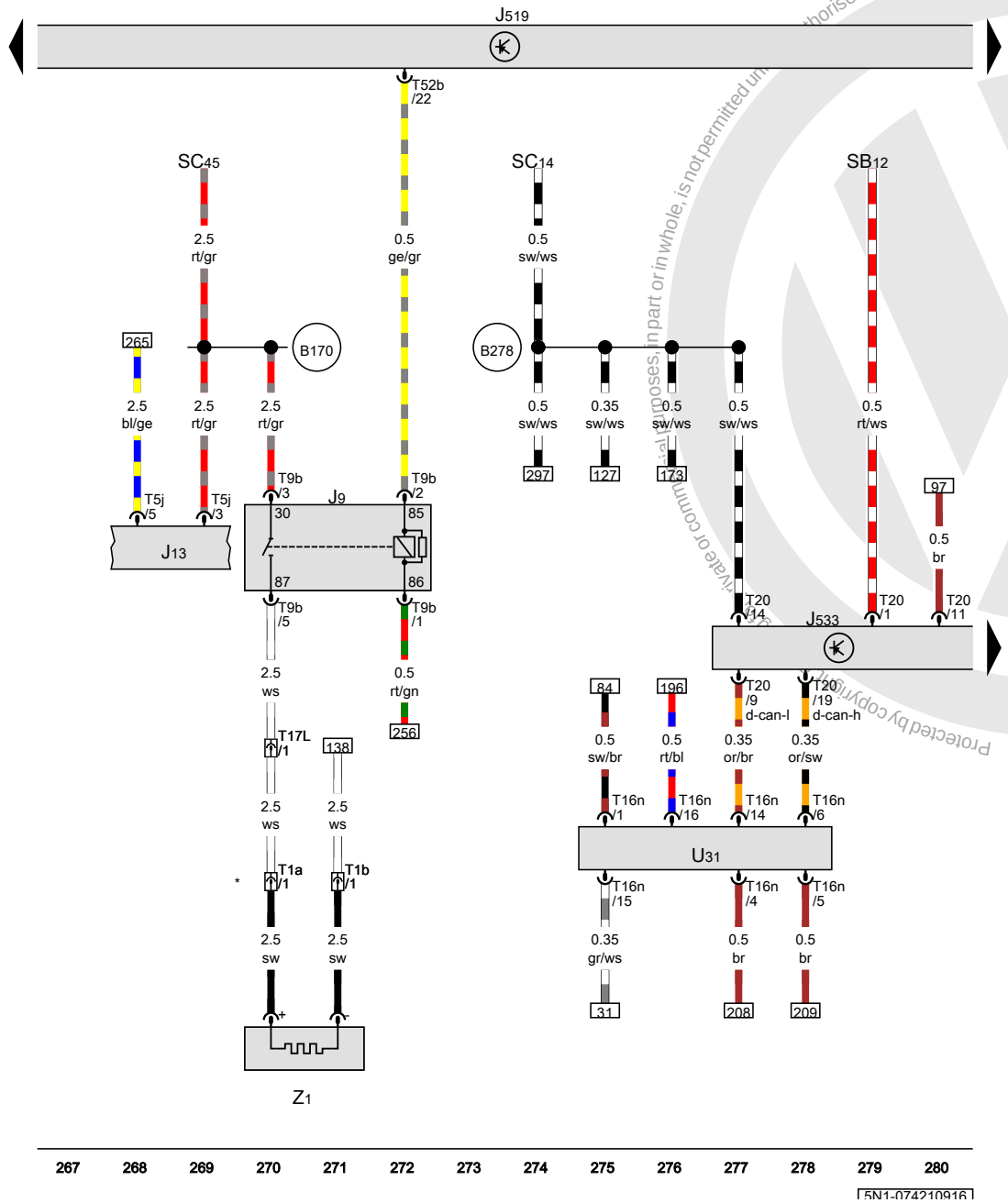


Fresh air blower switch, Heated rear window button, Air conditioning system control unit, Onboard supply control unit, Fresh air regulator illumination bulb

E9	Fresh air blower switch
E230	Heated rear window button
J301	Air conditioning system control unit
J519	Onboard supply control unit
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
SC20	Fuse 20 on fuse holder C
SC28	Fuse 28 on fuse holder C
T2ft	2-pin connector
T4f	4-pin connector
T5m	5-pin connector
T10k	10-pin connector
T20c	20-pin connector
V2	Fresh air blower
602	Earth point, in front left footwell
B315	Positive connection 1 (30a) in main wiring harness
L77	Connection, in fresh air blower wiring harness
L78	Connection 1, in fresh air blower wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
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or	=	orange
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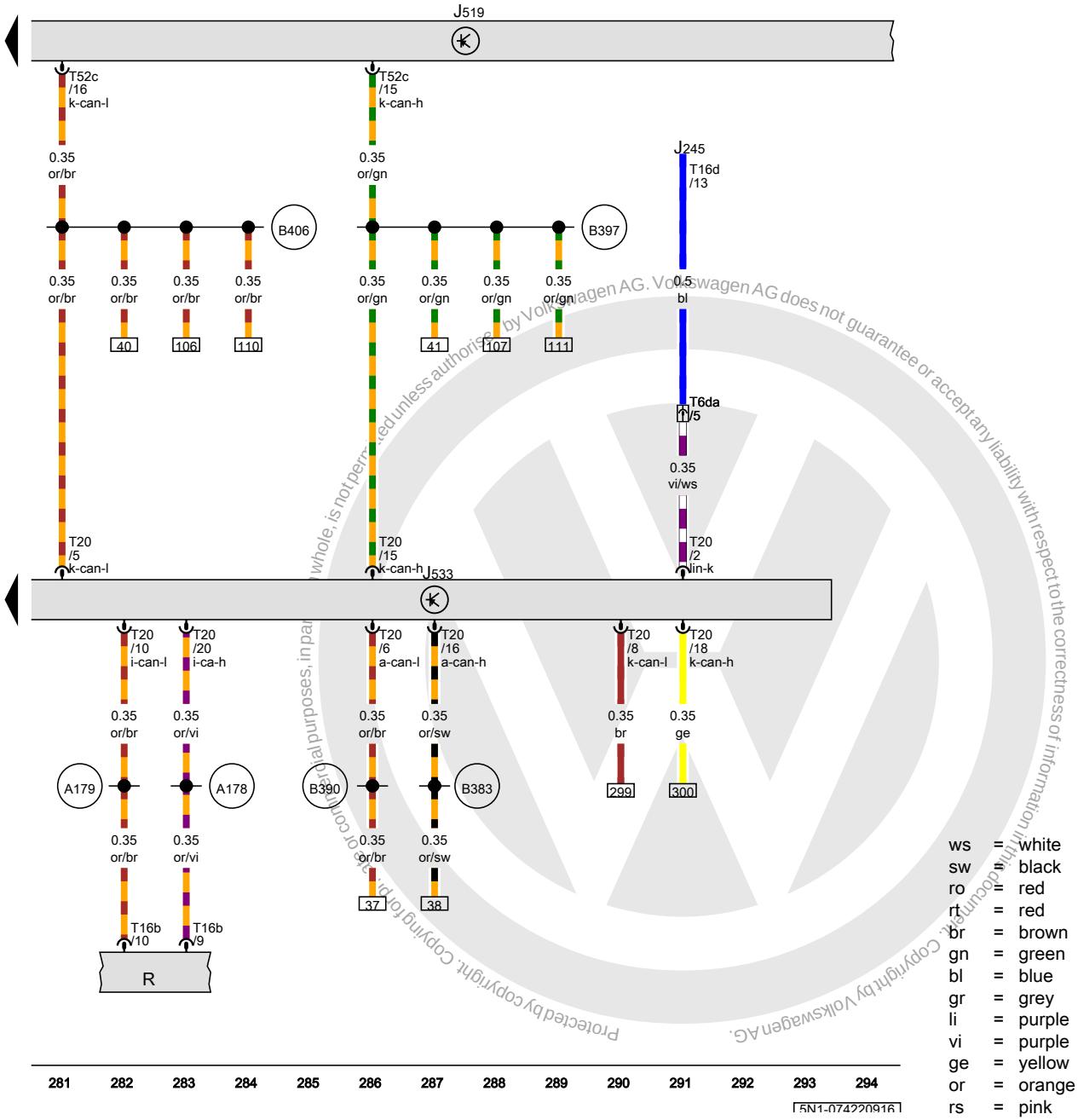


Heated rear window relay, Onboard supply control unit, Data bus diagnostic interface, Diagnostic connection, Heated rear window

J9	Heated rear window relay
J13	Fresh air blower relay
J519	Onboard supply control unit
J533	Data bus diagnostic interface
SB12	Fuse 12 on fuse holder B
SC14	Fuse 14 on fuse holder C
SC45	Fuse 45 on fuse holder C
T1a	1-pin connector
T1b	1-pin connector
T5j	5-pin connector
T9b	9-pin connector
T16n	16-pin connector
T17L	17-pin connector
T20	20-pin connector
T52b	52-pin connector
U31	Diagnostic connection
Z1	Heated rear window
B170	Positive connection 2 (30), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for radio/ radio navigation system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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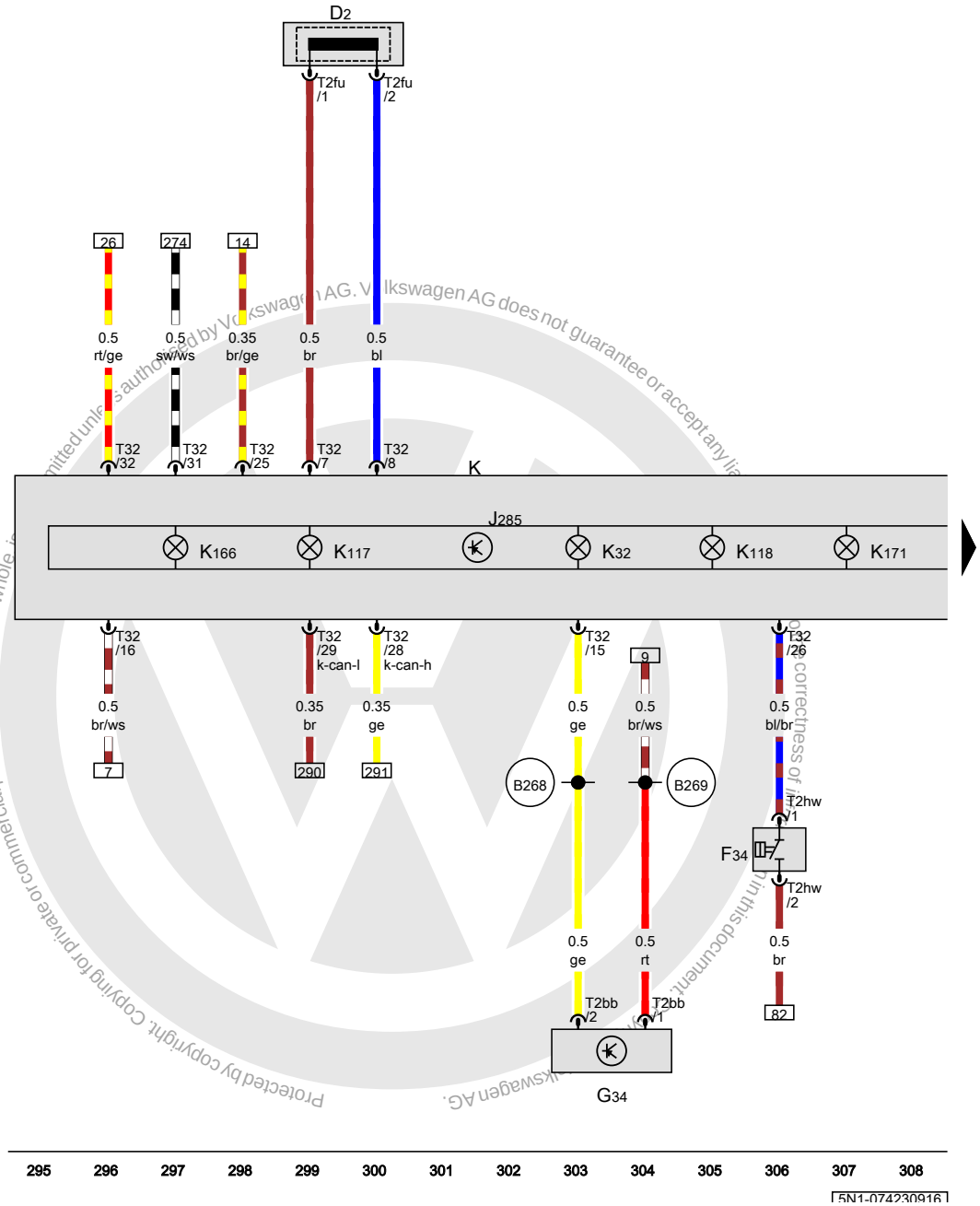


Onboard supply control unit, Data bus diagnostic interface

J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
R	Radio
T6da	6-pin connector
T16b	16-pin connector
T16d	16-pin connector
T20	20-pin connector
T52c	52-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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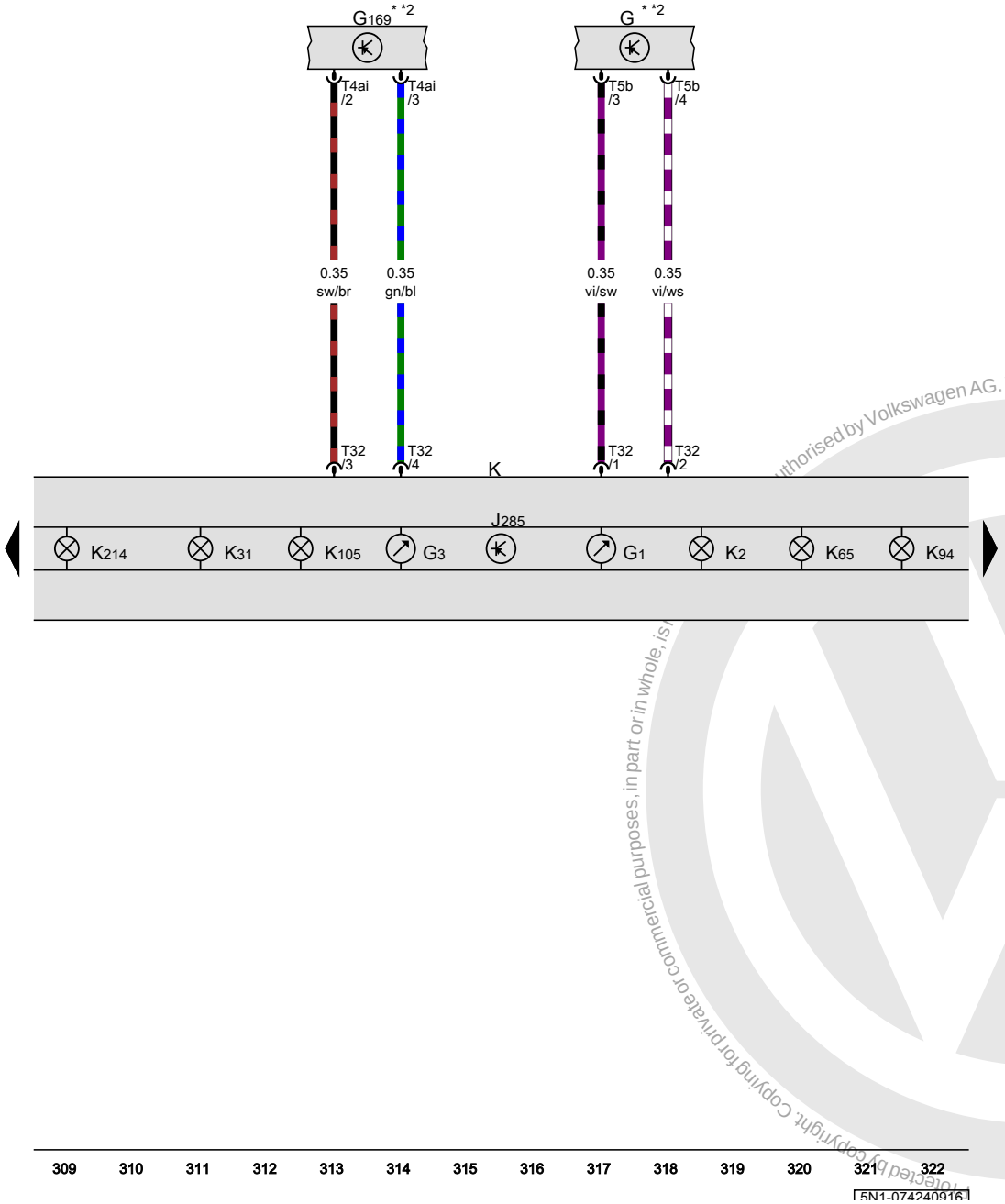


Immobiliser reader coil, Front left brake pad wear sender, Control unit in dash panel insert, Dash panel insert

D2	Immobiliser reader coil
F34	Brake fluid level warning contact
G34	Front left brake pad wear sender
J285	Control unit in dash panel insert
K	Dash panel insert
K32	Brake pad warning lamp
K117	Immobiliser warning lamp
K118	Brake system warning lamp
K166	Door open warning lamp
K171	Bonnet open warning lamp
T2bb	2-pin connector
T2fu	2-pin connector
T2hw	2-pin connector
T32	32-pin connector
B268	Connection 1 (brake pad wear indicator), in interior wiring harness
B269	Connection 2 (brake pad wear indicator), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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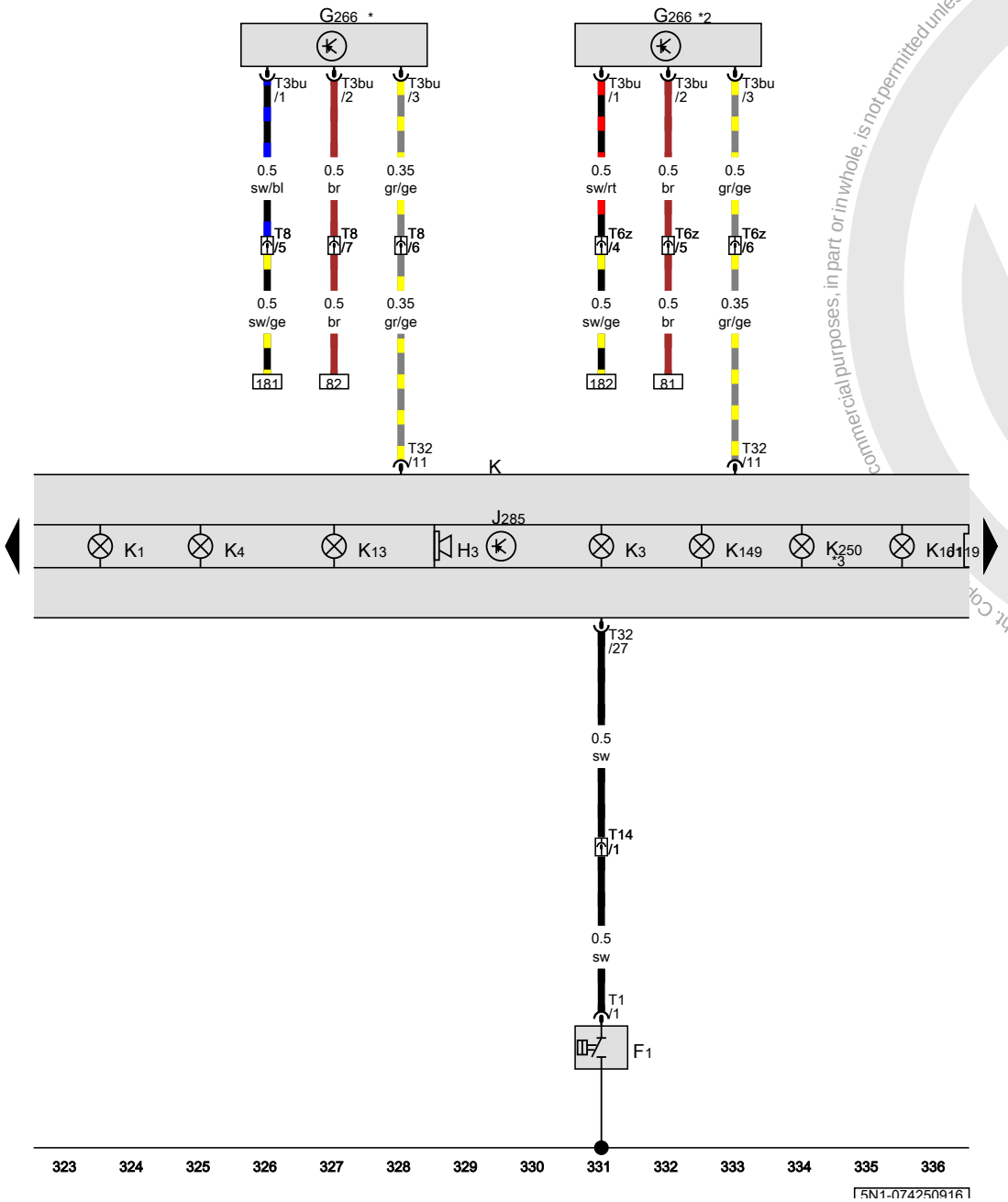


Fuel gauge sender, Control unit in dash panel insert, Dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
K105	Reserve fuel warning lamp
K214	Electric parking brake and handbrake fault warning lamp
T4ai	4-pin connector
T5b	5-pin connector
T32	32-pin connector
*	According to equipment
*2	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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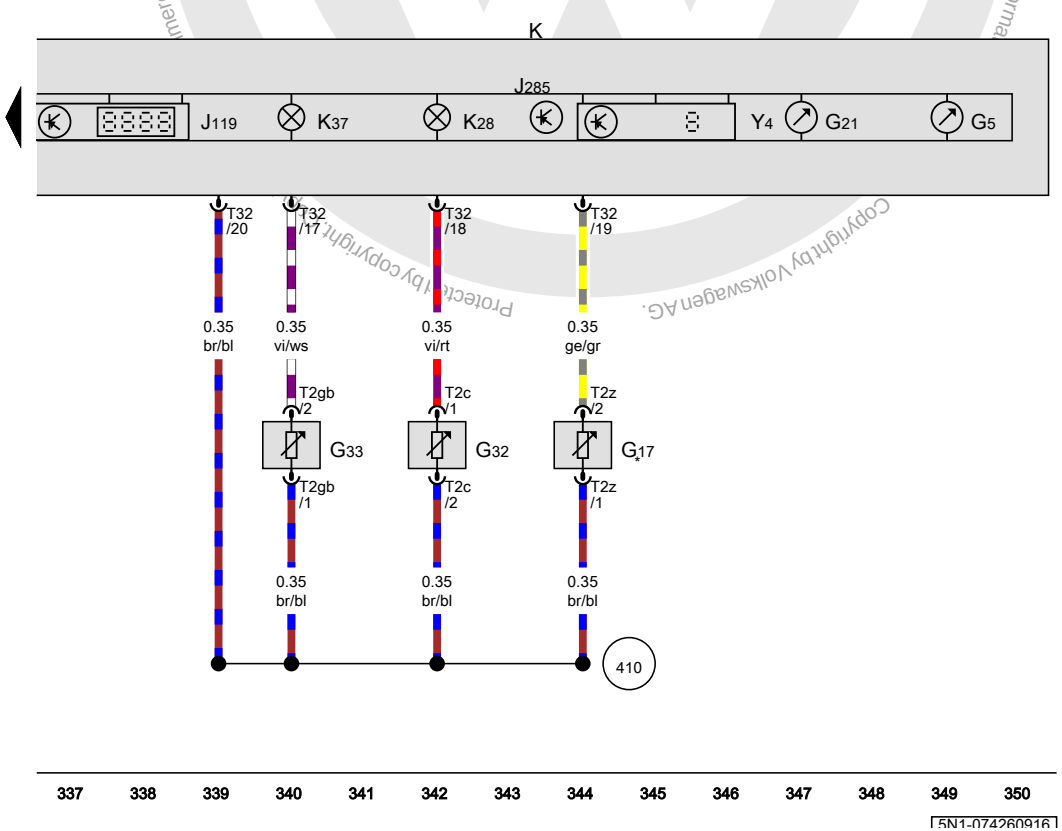
Oil pressure switch, Control unit in dash panel insert, Dash panel insert

F1	Oil pressure switch
G266	Oil level and oil temperature sender
H3	Buzzer and gong
J119	Multifunction indicator
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K3	Oil pressure warning lamp
K4	Side light warning lamp
K13	Rear fog light warning lamp
K149	Engine electronics warning lamp
K161	Electromechanical power steering warning lamp
K250	Warning lamp for hill descent control
T1	1-pin connector
T3bu	3-pin connector
T6z	6-pin connector
T8	8-pin connector
T14	14-pin connector
T32	32-pin connector
*	Only models with 1.4l engine
*2	Only models with 2.0l engine
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Ambient temperature sensor, Coolant shortage indicator sender, Windscreen washer fluid level sender, Control unit in dash panel insert, Dash panel insert

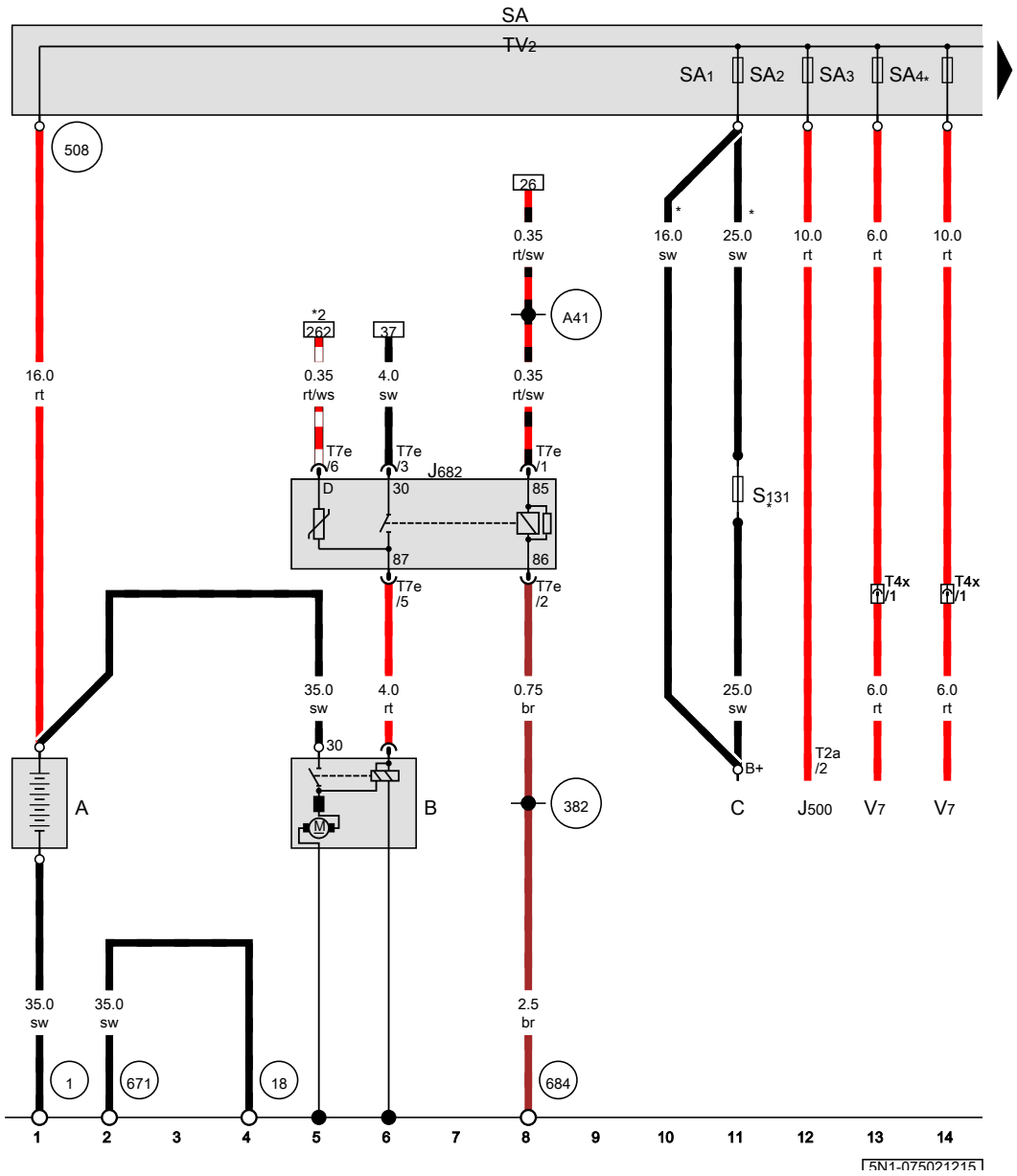
G5	Rev. counter
G17	Ambient temperature sensor
G21	Speedometer
G32	Coolant shortage indicator sender
G33	Windscreen washer fluid level sender
J119	Multifunction indicator
J285	Control unit in dash panel insert
K	Dash panel insert
K28	Coolant temperature and coolant shortage warning lamp
K37	Washer fluid level warning lamp
T2c	2-pin connector
T2gb	2-pin connector
T2z	2-pin connector
T32	32-pin connector
Y4	Trip counter
410	Earth connection 1 (sender earth) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Fuse assignment , (7L3)

From May 2010

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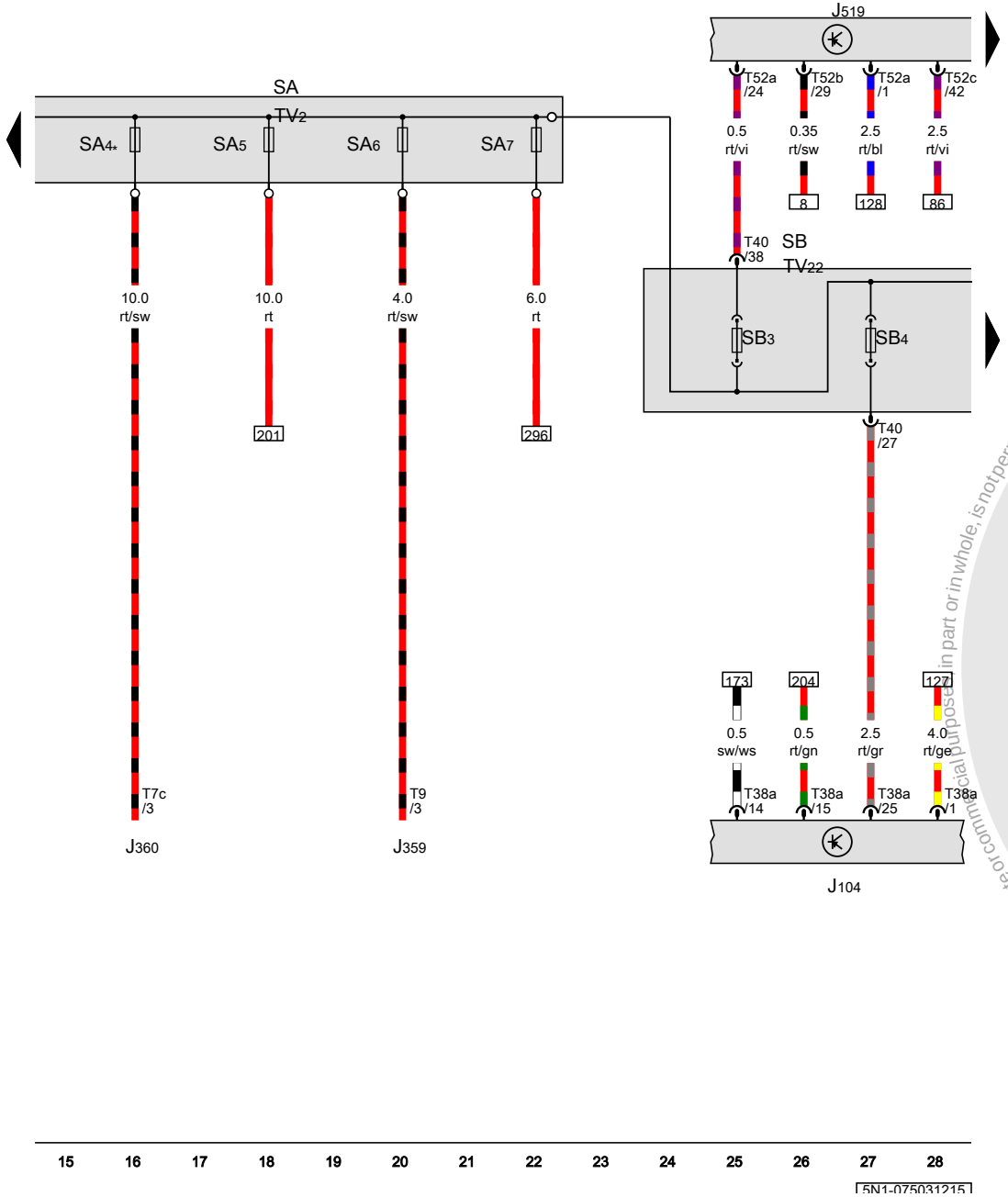
Battery, Starter, Terminal 50 voltage supply relay, Fuse holder A, Terminal 30 wiring junction

A	Battery
B	Starter
C	Alternator
J500	Power steering control unit
J682	Terminal 50 voltage supply relay
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
SA4	Fuse 4 in fuse holder A
S131	Fuse 1, in alternator wire
T2a	2-pin connector
T4x	4-pin connector
T7e	7-pin connector
TV2	Terminal 30 wiring junction
V7	Radiator fan
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
A41	Positive connection (50), in dash panel wiring harness
*	According to equipment
*2	Only models with entry and start authorisation

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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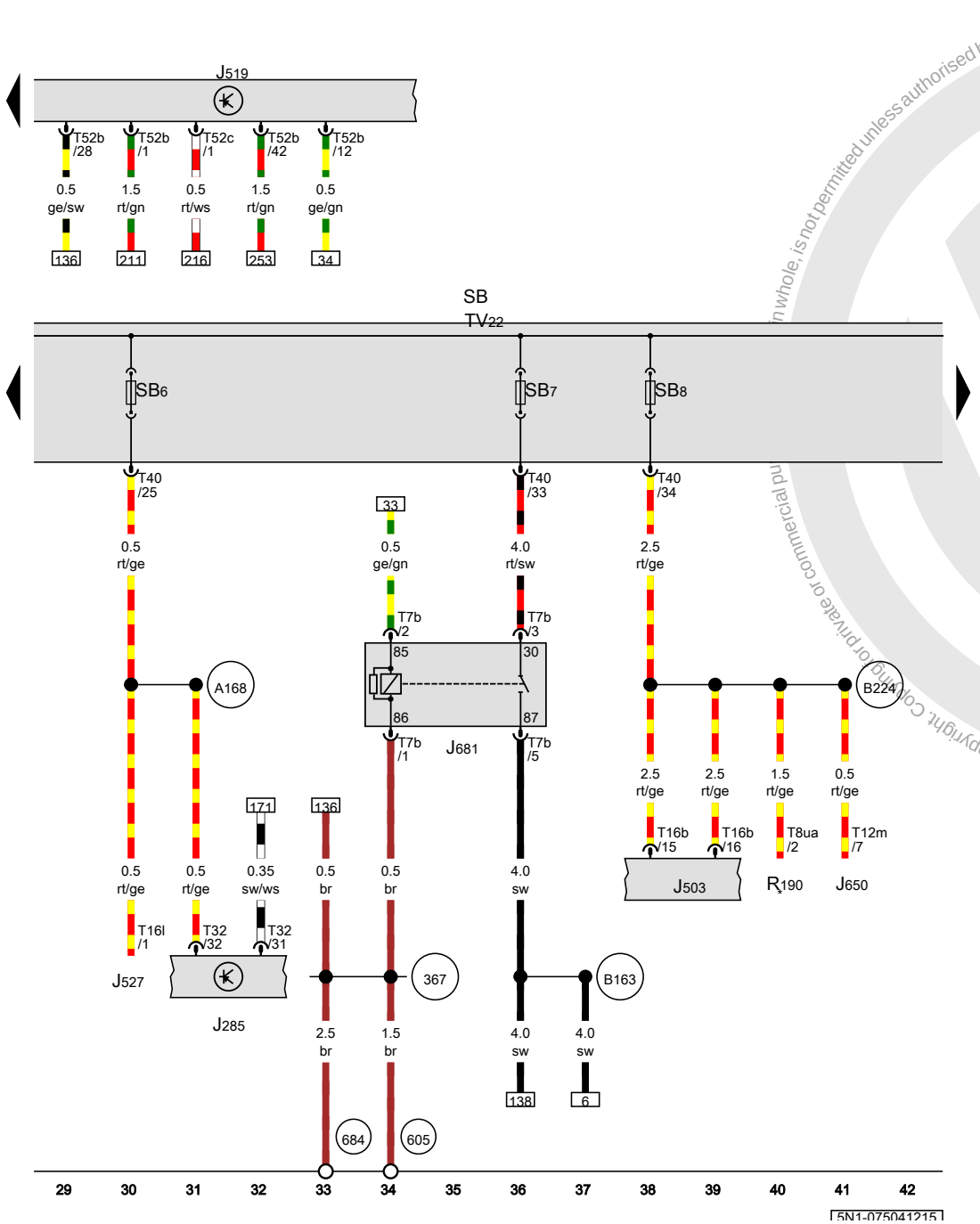
Onboard supply control unit, Fuse holder A, Fuse holder B, Terminal 30 wiring junction, Terminal 30 wiring junction 2



J104	ABS control unit
J359	Low heat output relay
J360	High heat output relay
J519	Onboard supply control unit
SA	Fuse holder A
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SA6	Fuse 6 in fuse holder A
SA7	Fuse 7 in fuse holder A
T7c	7-pin connector
T9	9-pin connector
T38a	38-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

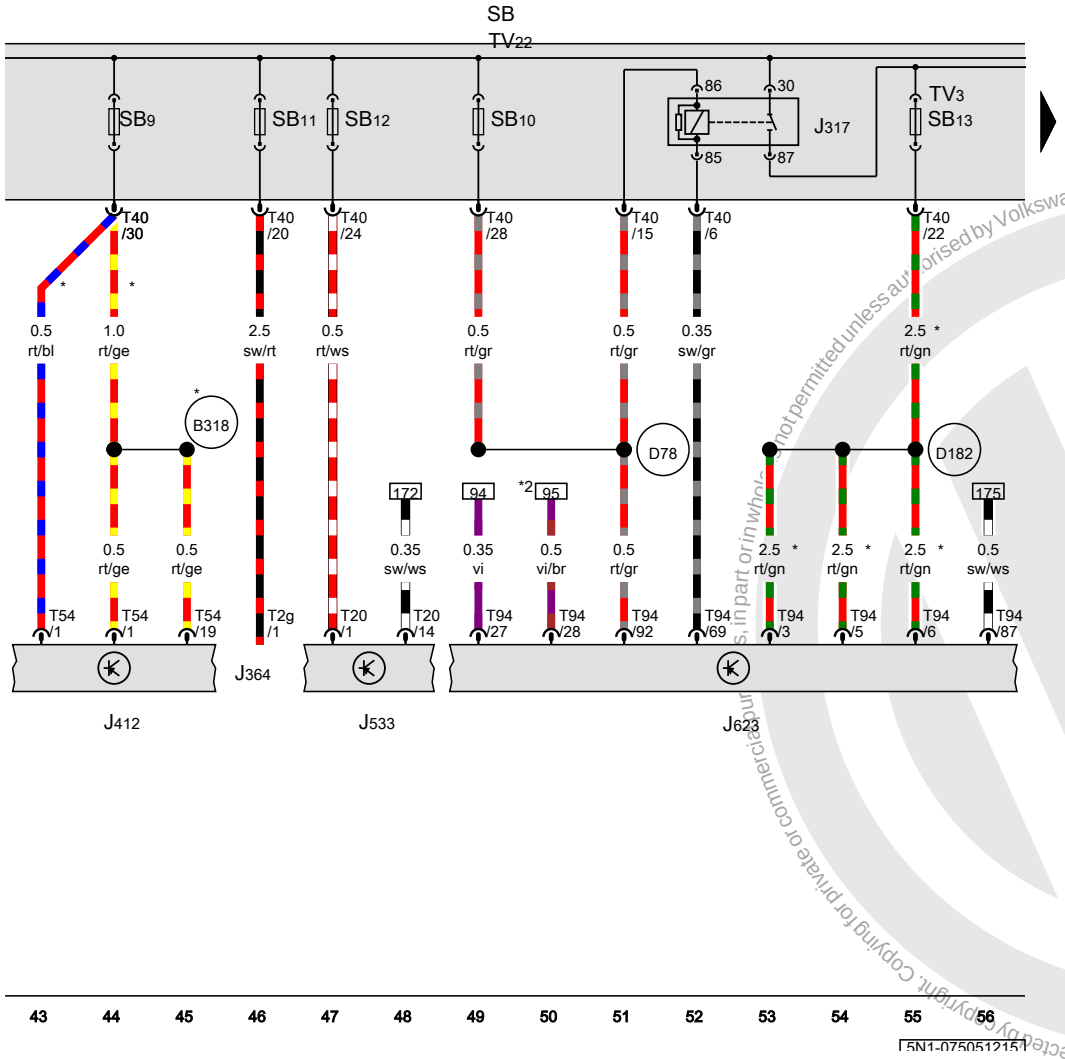
Onboard supply control unit, Terminal 15 voltage supply relay 2, Fuse holder B, Terminal 30 wiring junction 2

J285	Control unit in dash panel insert
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
J527	Steering column electronics control unit
J650	Multimedia system control unit
J681	Terminal 15 voltage supply relay 2
R190	Satellite digital radio tuner
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T7b	7-pin connector
T8ua	8-pin connector
T12m	12-pin connector
T16b	16-pin connector
T16l	16-pin connector
T32	32-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
A168	Positive connection 4 (30a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B224	Connection 1 (radio), in interior wiring harness
*	According to equipment

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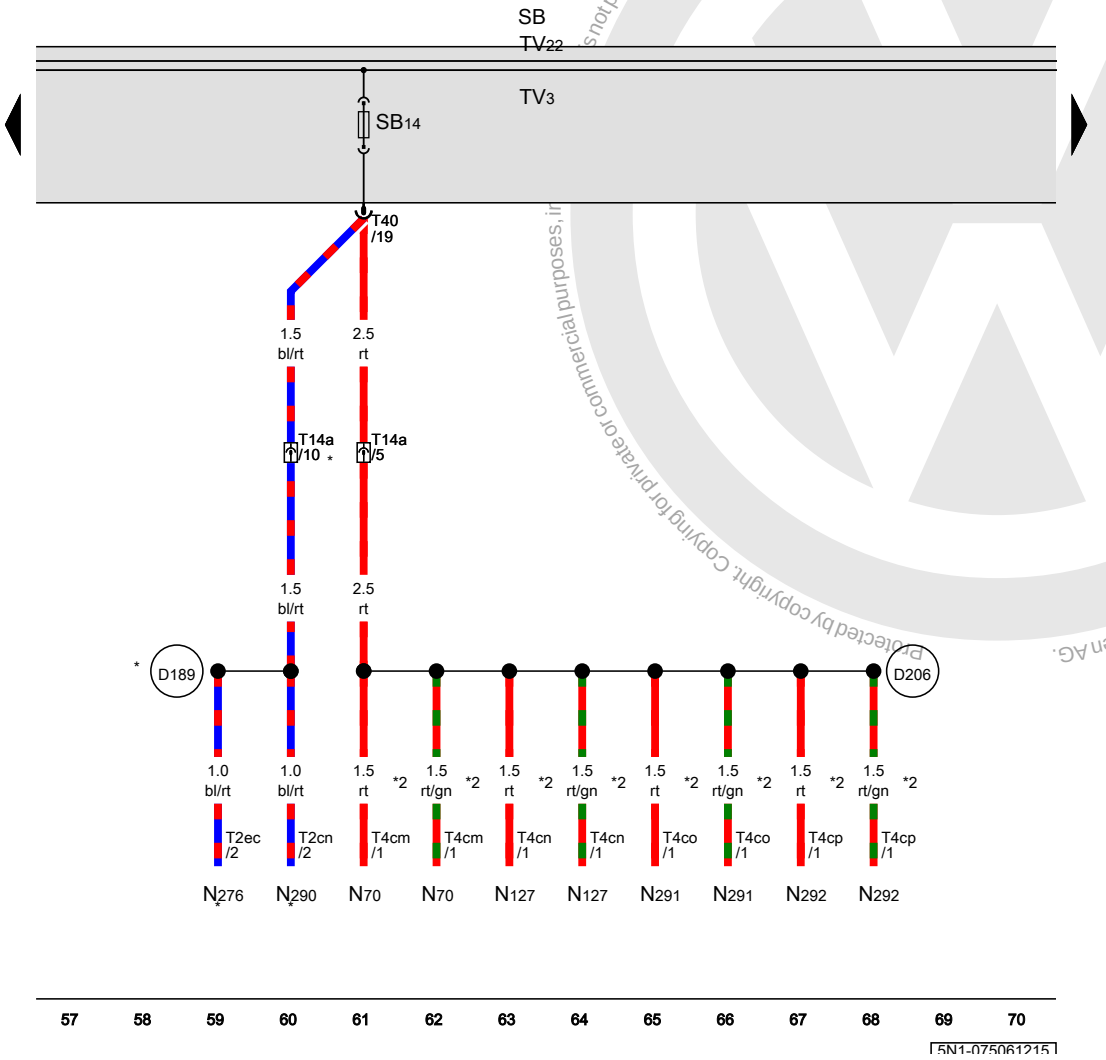
Terminal 30 voltage supply relay, Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

J317	Terminal 30 voltage supply relay
J364	Auxiliary heater control unit
J412	Mobile telephone operating electronics control unit
J533	Data bus diagnostic interface
J623	Engine control unit
SB	Fuse holder B
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB13	Fuse 13 on fuse holder B
T2g	2-pin connector
TV3	Terminal 30a wiring junction
T20	20-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
T54	54-pin connector
T94	94-pin connector
B318	Positive connection 4 (30a) in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

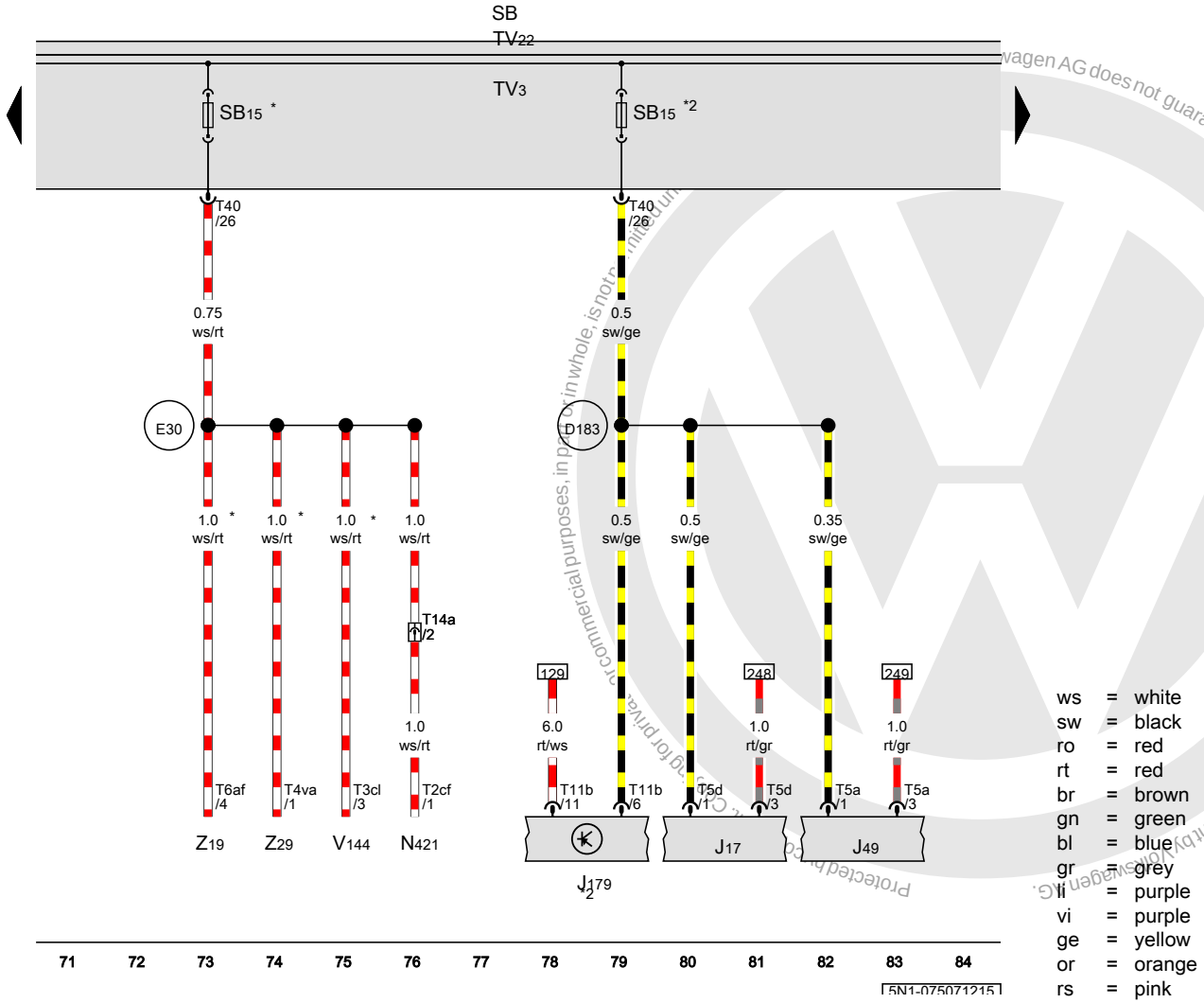
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
SB	Fuse holder B
SB14	Fuse 14 on fuse holder B
T2cn	2-pin connector
T2ec	2-pin connector
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
D189	Connection (87a) in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	Only models with diesel engine
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

J17	Fuel pump relay
J49	Electric fuel pump 2 relay
J179	Automatic glow period control unit
N421	Magnetic clutch for supercharger
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
T2cf	2-pin connector
T3cl	3-pin connector
T4va	4-pin connector
T5a	5-pin connector
T5d	5-pin connector
T6af	6-pin connector
T11b	11-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
V144	Fuel system diagnostic pump
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D183	Connection 4 (87a), in engine compartment wiring harness
E30	Connection (87a), in engine wiring harness
*	According to equipment
*2	Only models with diesel engine

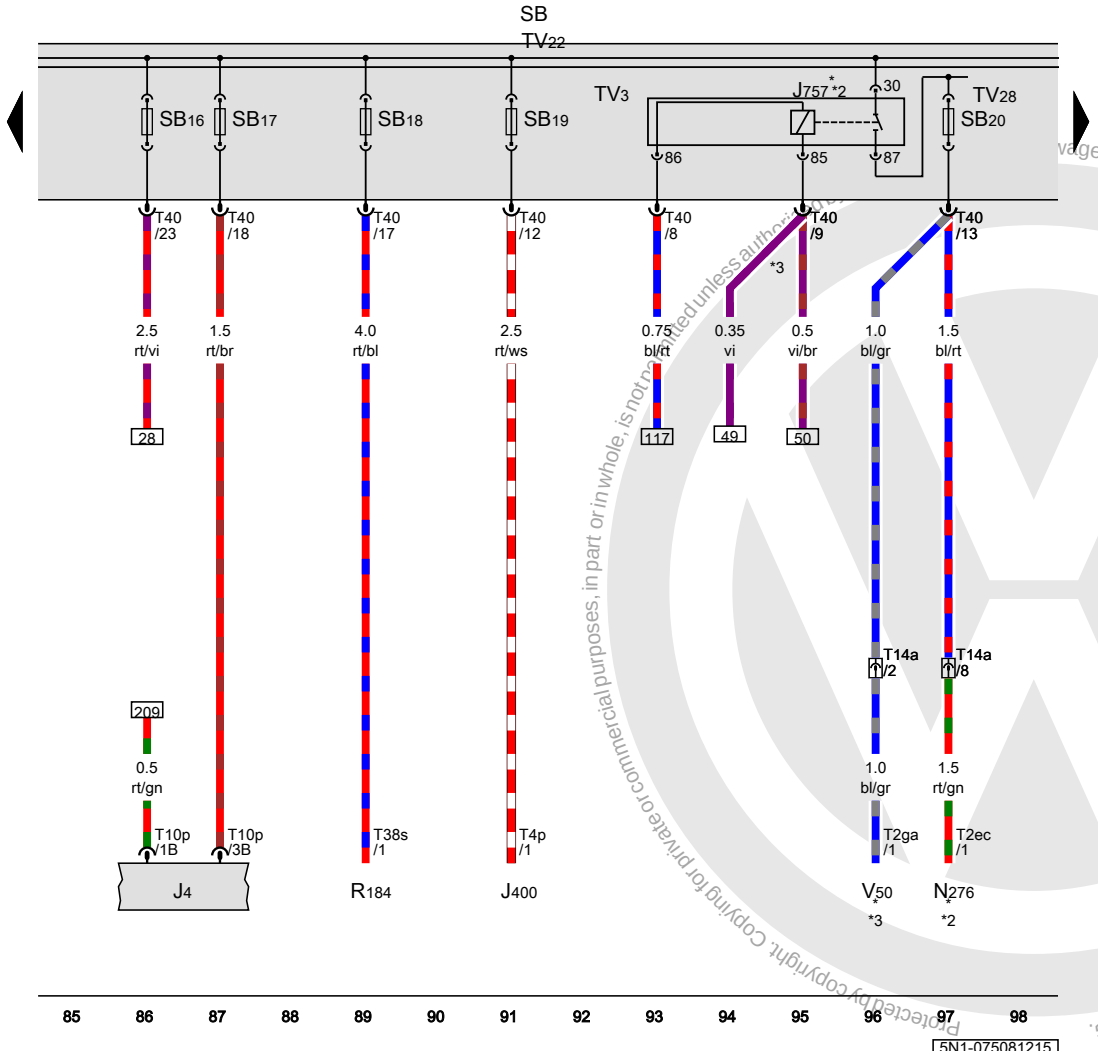


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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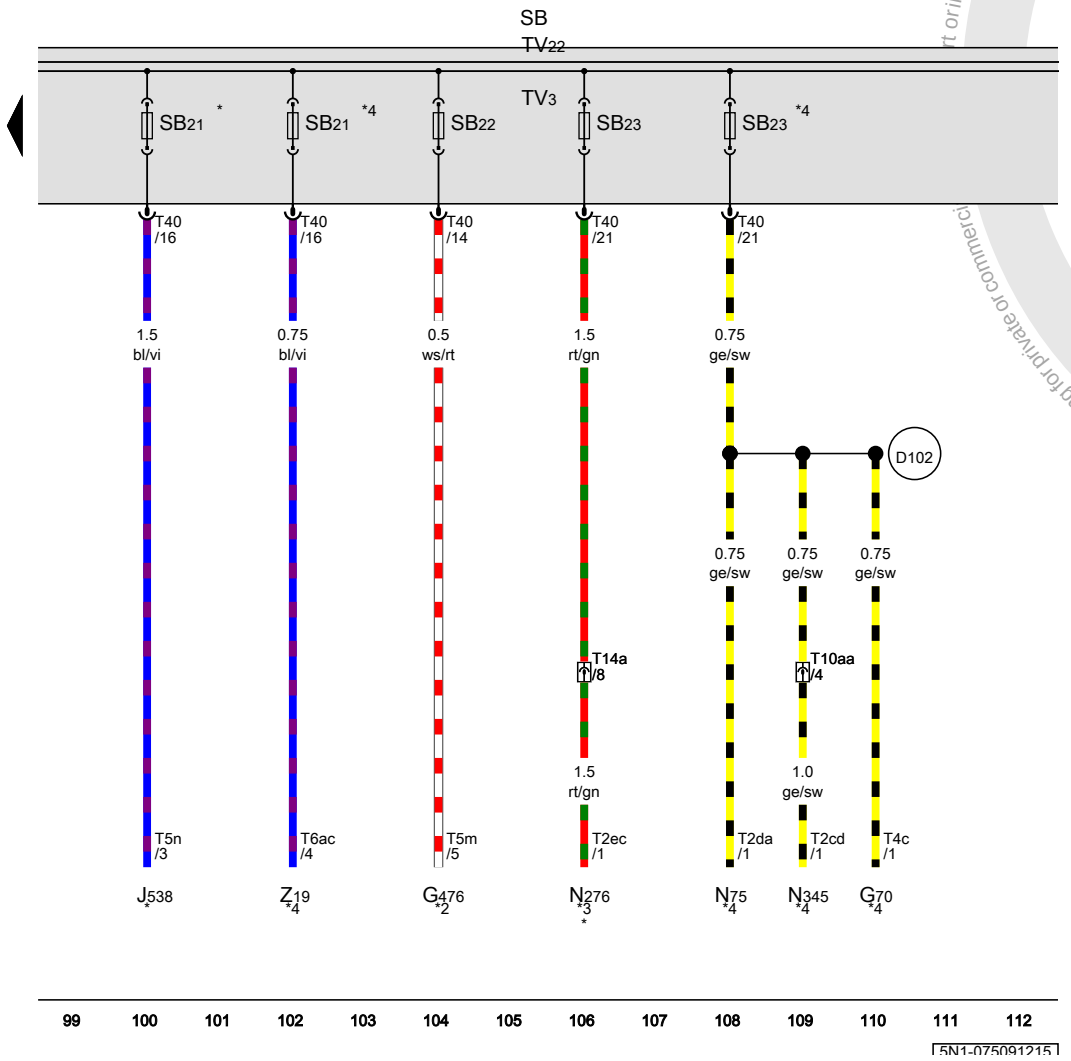
Engine component current supply relay, Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

J4	Dual tone horn relay
J400	Wiper motor control unit
J757	Engine component current supply relay
N276	Fuel pressure regulating valve
R184	Digital sound package amplifier
SB	Fuse holder B
SB16	Fuse 16 on fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB20	Fuse 20 on fuse holder B
T2ec	2-pin connector
T2ga	2-pin connector
T4p	4-pin connector
T10p	10-pin connector
T14a	14-pin connector
T38s	38-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
TV28	Terminal 30 wiring junction 3
T40	40-pin connector
V50	Coolant circulation pump
*	According to equipment
*2	Only models with petrol engine
*3	see applicable current flow diagram for engine



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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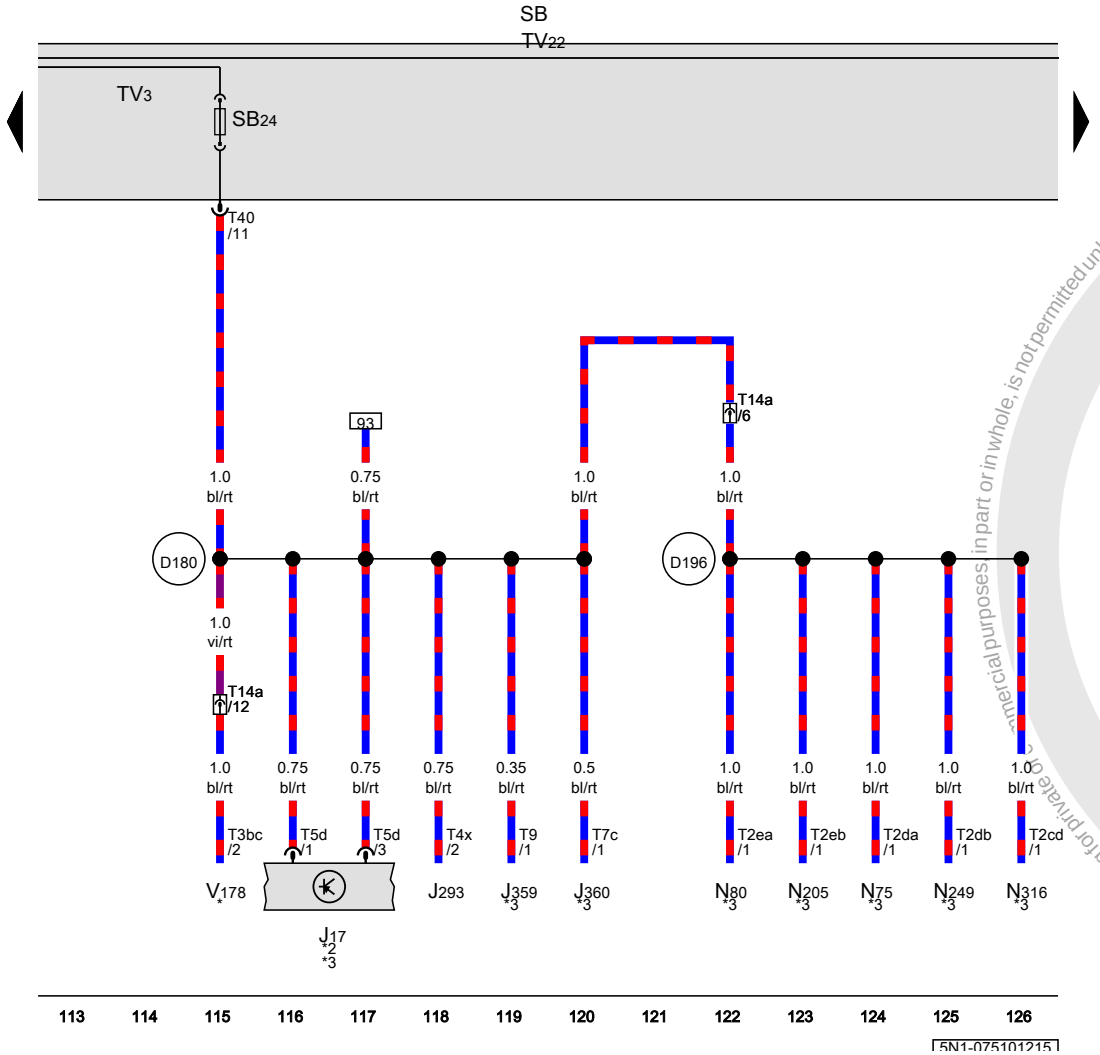


Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

G70	Air mass meter
G476	Clutch position sender
J538	Fuel pump control unit
N75	Charge pressure control solenoid valve
N276	Fuel pressure regulating valve
N345	Exhaust gas recirculation cooler changeover valve
SB	Fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
T2cd	2-pin connector
T2da	2-pin connector
T2ec	2-pin connector
T4c	4-pin connector
T5m	5-pin connector
T5n	5-pin connector
T6ac	6-pin connector
T10aa	10-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
Z19	Lambda probe heater
D102	Connection 2 in engine compartment wiring harness
*	Only models with petrol engine
*2	Only models with manual gearbox
*3	According to equipment
*4	Only models with diesel engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

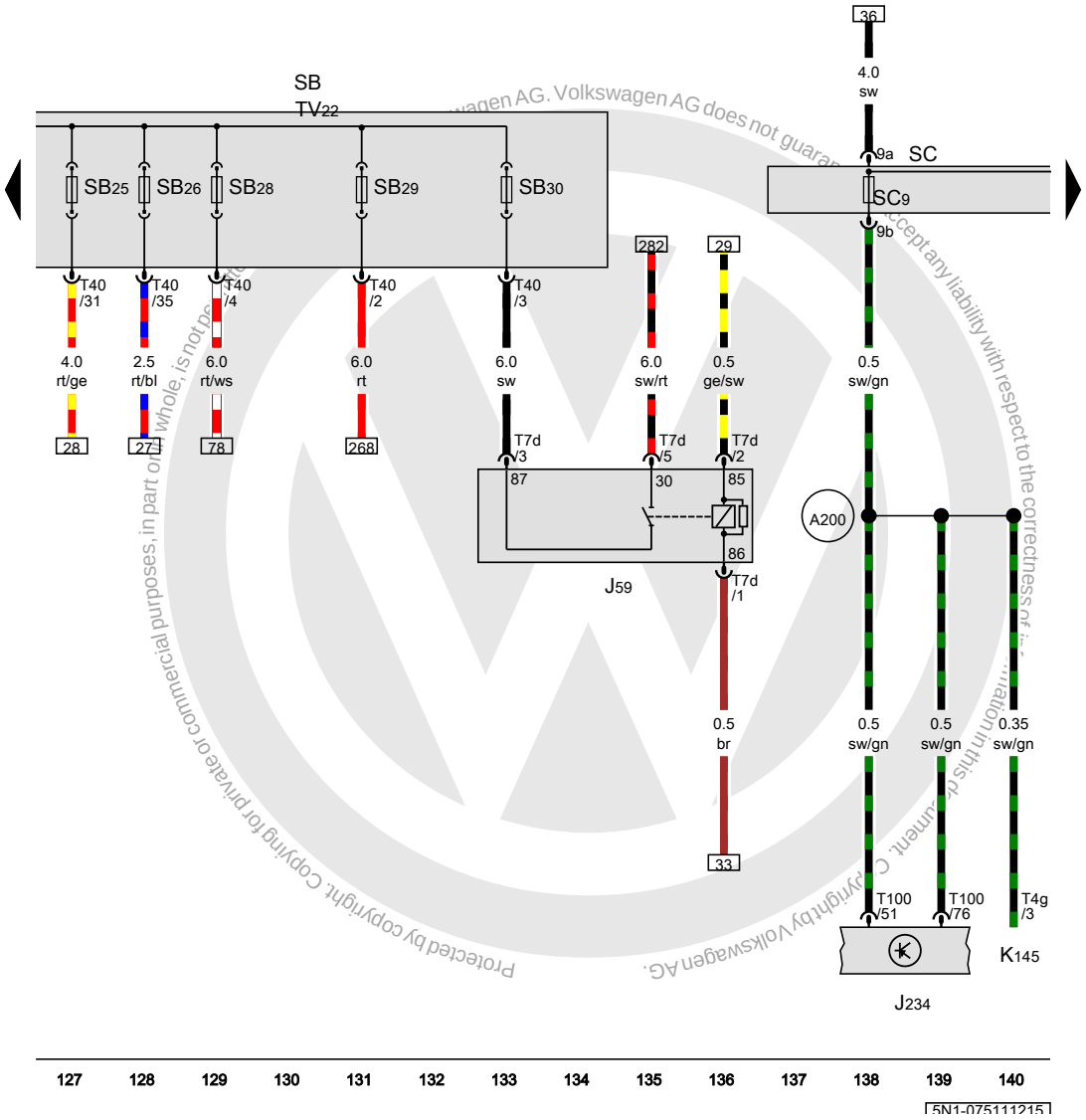
J17	Fuel pump relay
J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
SB	Fuse holder B
SB24	Fuse 24 on fuse holder B
T2cd	2-pin connector
T2da	2-pin connector
T2db	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T3bc	3-pin connector
T4x	4-pin connector
T5d	5-pin connector
T7c	7-pin connector
TV3	Terminal 30a wiring junction
T9	9-pin connector
T14a	14-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
V178	Coolant circulation pump 2
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	Only models with diesel engine
*2	According to equipment
*3	Only models with petrol engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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X-contact relief relay, Fuse holder B, Fuse holder C, Terminal 30 wiring junction 2

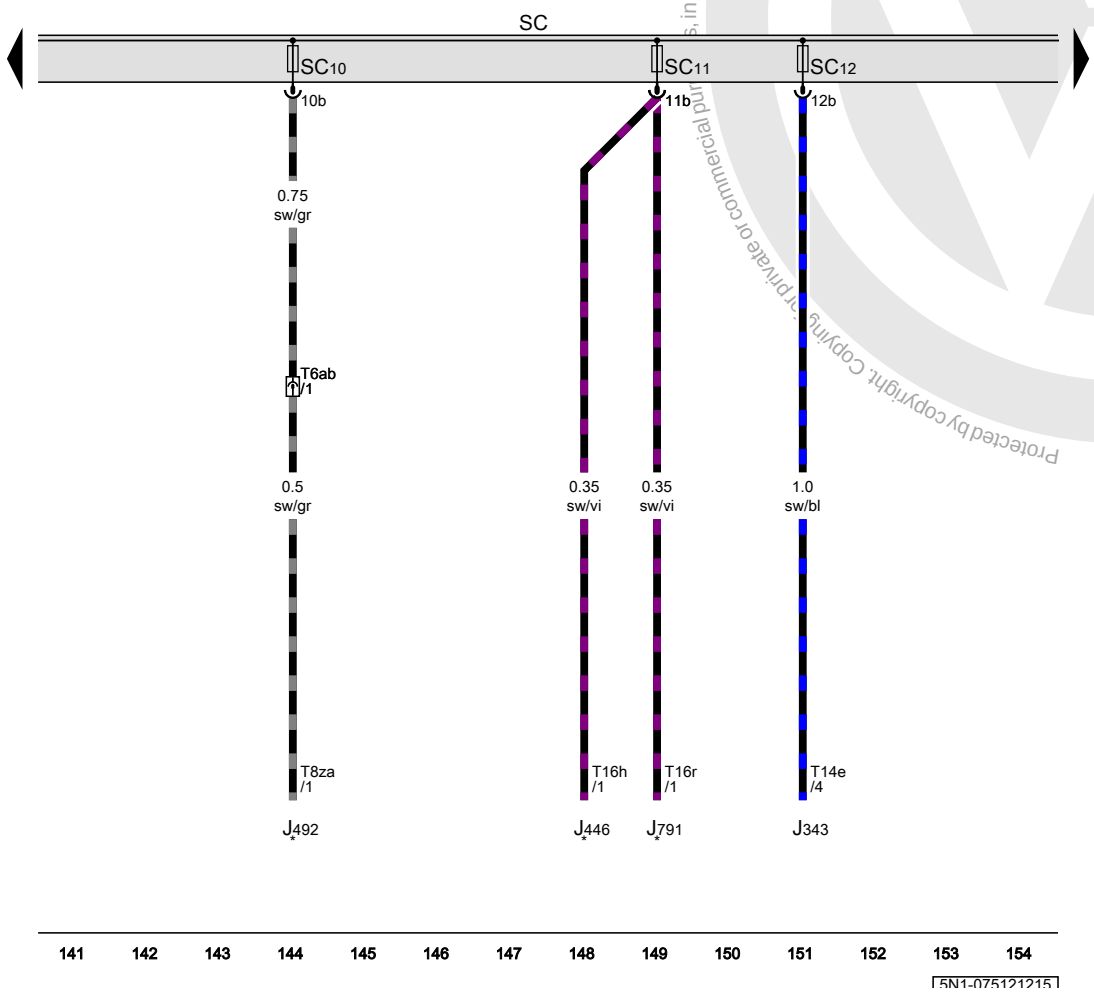
J59	X-contact relief relay
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
SB	Fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB30	Fuse 30 on fuse holder B
T4g	4-pin connector
T7d	7-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
T100	100-pin connector
A200	Positive connection 5 (15a) in dash panel wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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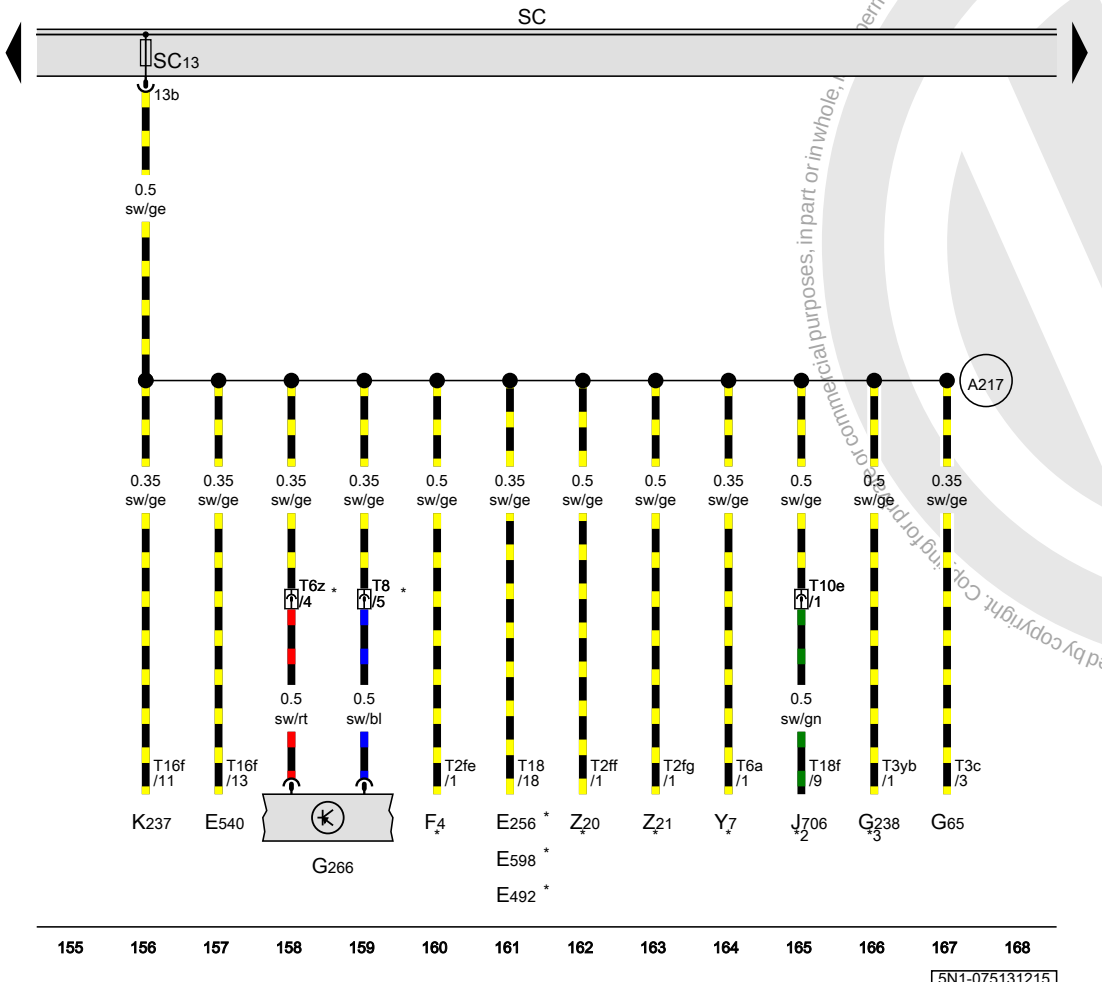
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Fuse holder C

J343	Left gas discharge bulb control unit
J446	Parking aid control unit
J492	All-wheel drive control unit
J791	Park assist steering control unit
SC	Fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
T6ab	6-pin connector
T8za	8-pin connector
T14e	14-pin connector
T16h	16-pin connector
T16r	16-pin connector
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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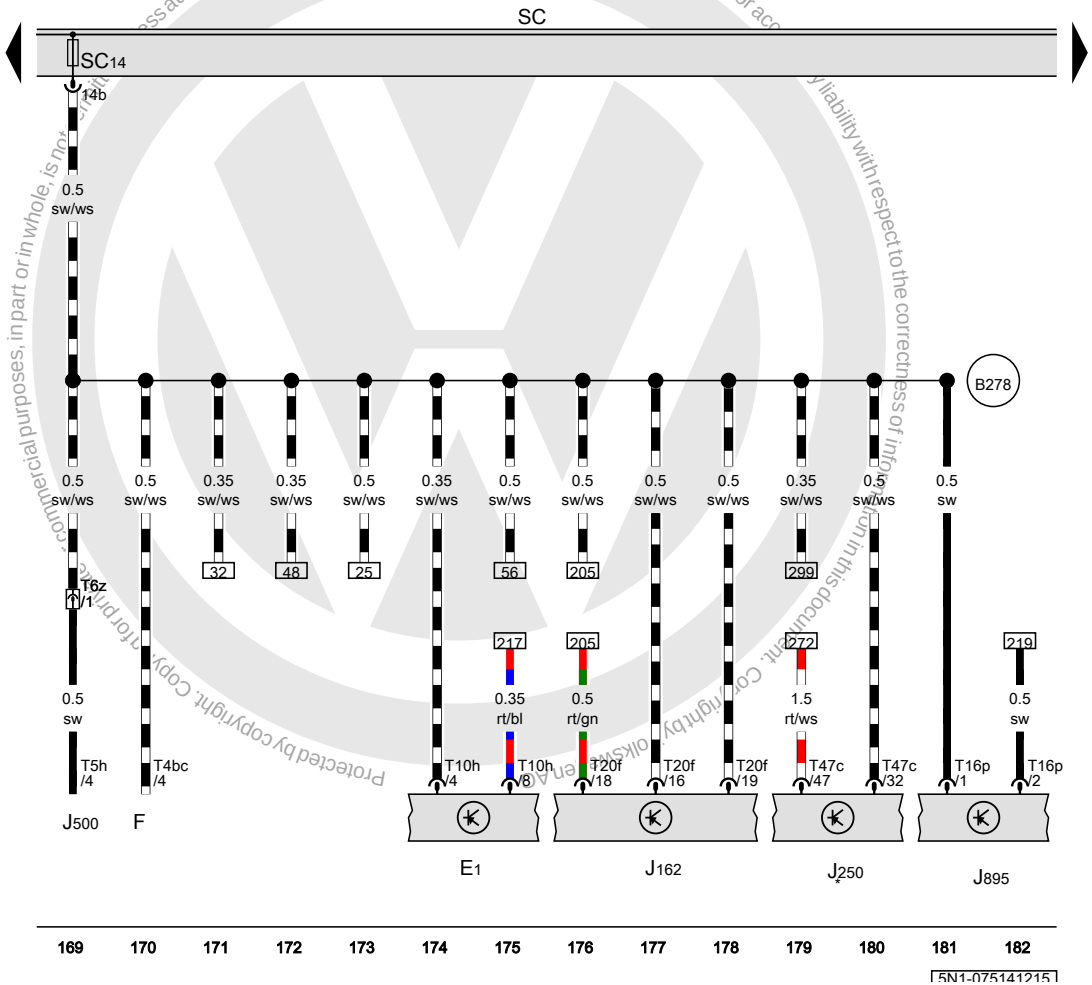


Fuse holder C

E256	Button for TCS and electronic stabilisation program
E492	Tyre Pressure Loss Indicator button
E540	Auto-hold button
E598	Driving program button
F4	Reversing light switch
G65	High-pressure sender
G238	Air quality sensor
G266	Oil level and oil temperature sender
J706	Seat occupied recognition control unit
K237	Auto-hold warning lamp
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
T2fe	2-pin connector
T2ff	2-pin connector
T2fg	2-pin connector
T3c	3-pin connector
T3yb	3-pin connector
T6a	6-pin connector
T6z	6-pin connector
T8	8-pin connector
T10e	10-pin connector
T16f	16-pin connector
T18	18-pin connector
T18f	18-pin connector
Y7	Automatic anti-dazzle interior mirror
Z20	Left washer jet heater element
Z21	Right washer jet heater element
A217	Positive connection 8 (15a) in dash panel wiring harness
*	According to equipment
*2	Only for American markets
*3	Only models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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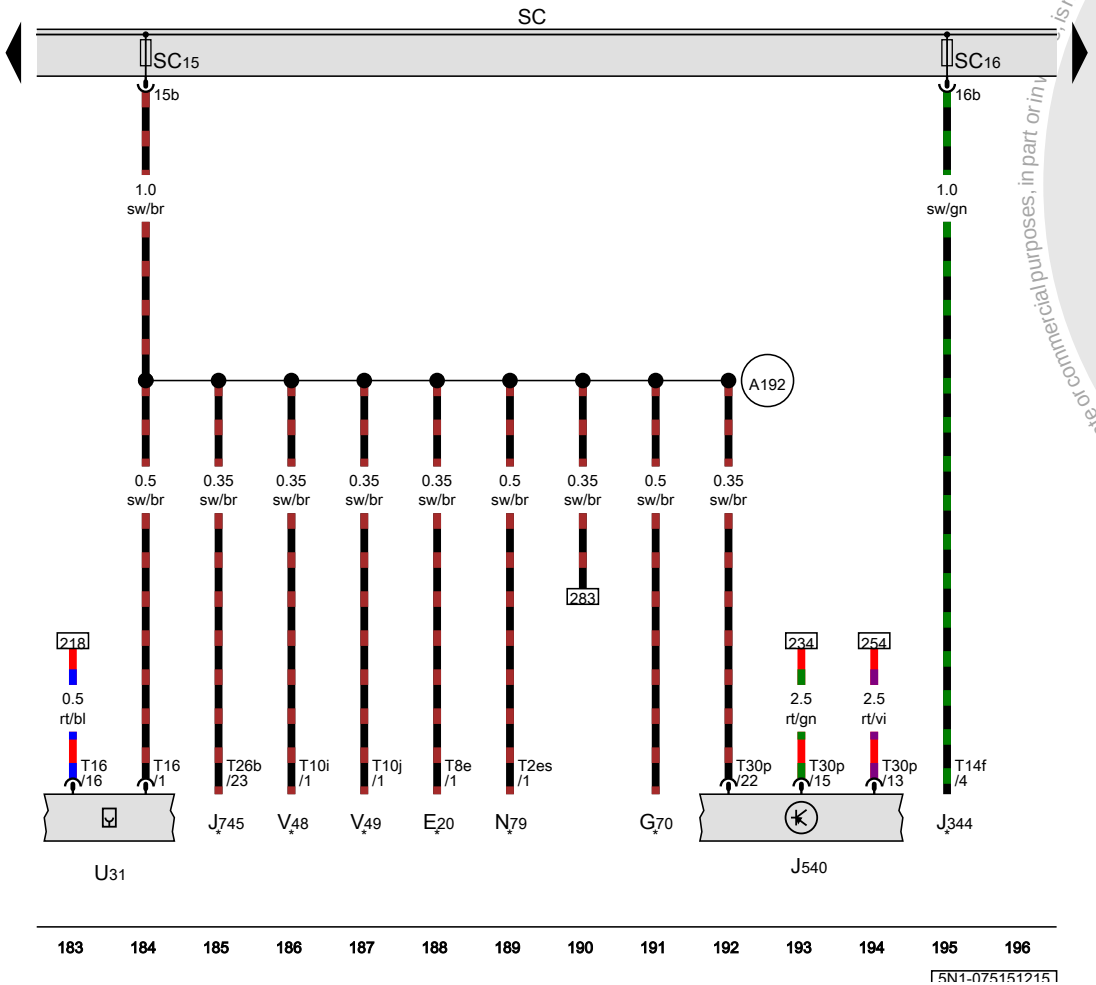


Fuse holder C

E1	Light switch
F	Brake light switch
J162	Heater control unit
J250	Electronically controlled damping control unit
J500	Power steering control unit
J895	Control unit for vehicle location system
SC	Fuse holder C
SC14	Fuse 14 on fuse holder C
T4bc	4-pin connector
T5h	5-pin connector
T6z	6-pin connector
T10h	10-pin connector
T16p	16-pin connector
T20f	20-pin connector
T47c	47-pin connector
B278	Positive connection 2 (15a) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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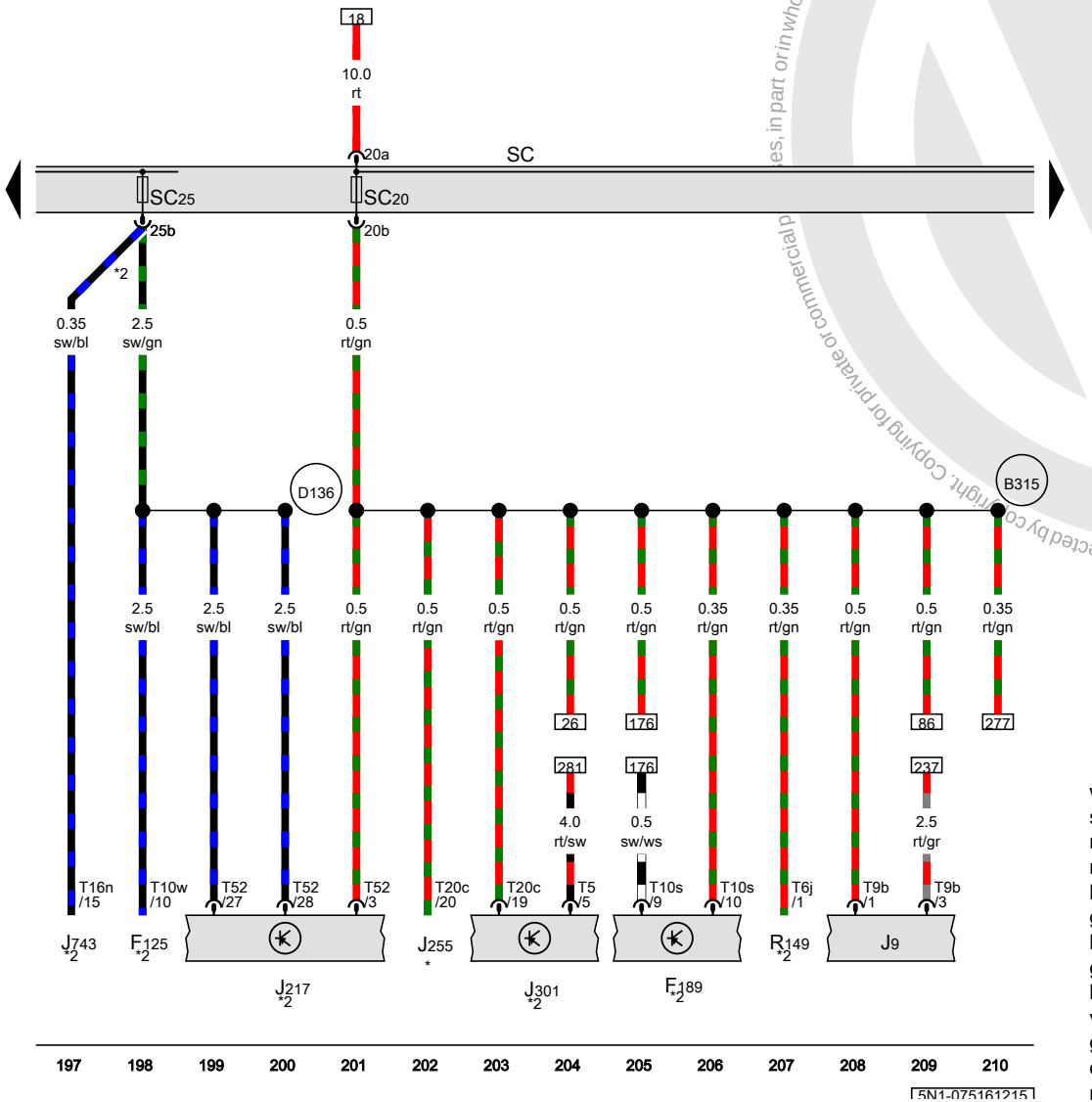
Fuse holder C

E20	Switch and instrument illumination regulator
G70	Air mass meter
J344	Right gas discharge bulb control unit
J540	Control unit for electromechanical parking brake
J745	Control unit for cornering light and headlight range control
N79	Heater element for crankcase breather
SC	Fuse holder C
SC15	Fuse 15 on fuse holder C
SC16	Fuse 16 on fuse holder C
T2es	2-pin connector
T8e	8-pin connector
T10i	10-pin connector
T10j	10-pin connector
T14f	14-pin connector
T16	16-pin connector
T26b	26-pin connector
T30p	30-pin connector
U31	Diagnostic connection
V48	Left headlight range control motor
V49	Right headlight range control motor
A192	Positive connection 3 (15a) in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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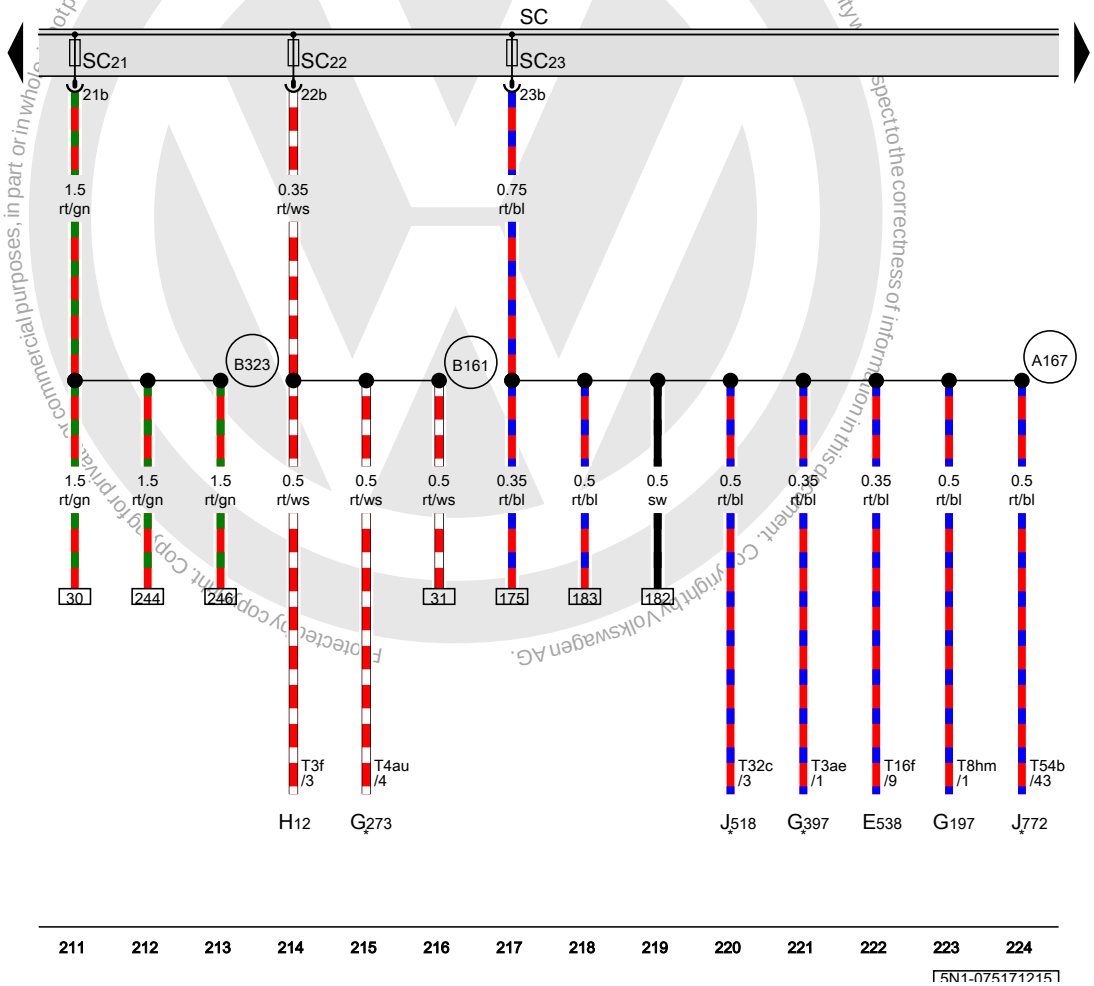
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Fuse holder C

F125	Multifunction switch
F189	Tiptronic switch
J9	Heated rear window relay
J217	Automatic gearbox control unit
J255	Climatronic control unit
J301	Air conditioning system control unit
J743	Mechatronic unit for dual clutch gearbox
R149	Remote control receiver for auxiliary coolant heater
SC	Fuse holder C
SC20	Fuse 20 on fuse holder C
SC25	Fuse 25 on fuse holder C
T5	5-pin connector
T6j	6-pin connector
T9b	9-pin connector
T10s	10-pin connector
T10w	10-pin connector
T16n	16-pin connector
T20c	20-pin connector
T52	52-pin connector
B315	Positive connection 1 (30a) in main wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
*	Only models with Climatronic
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

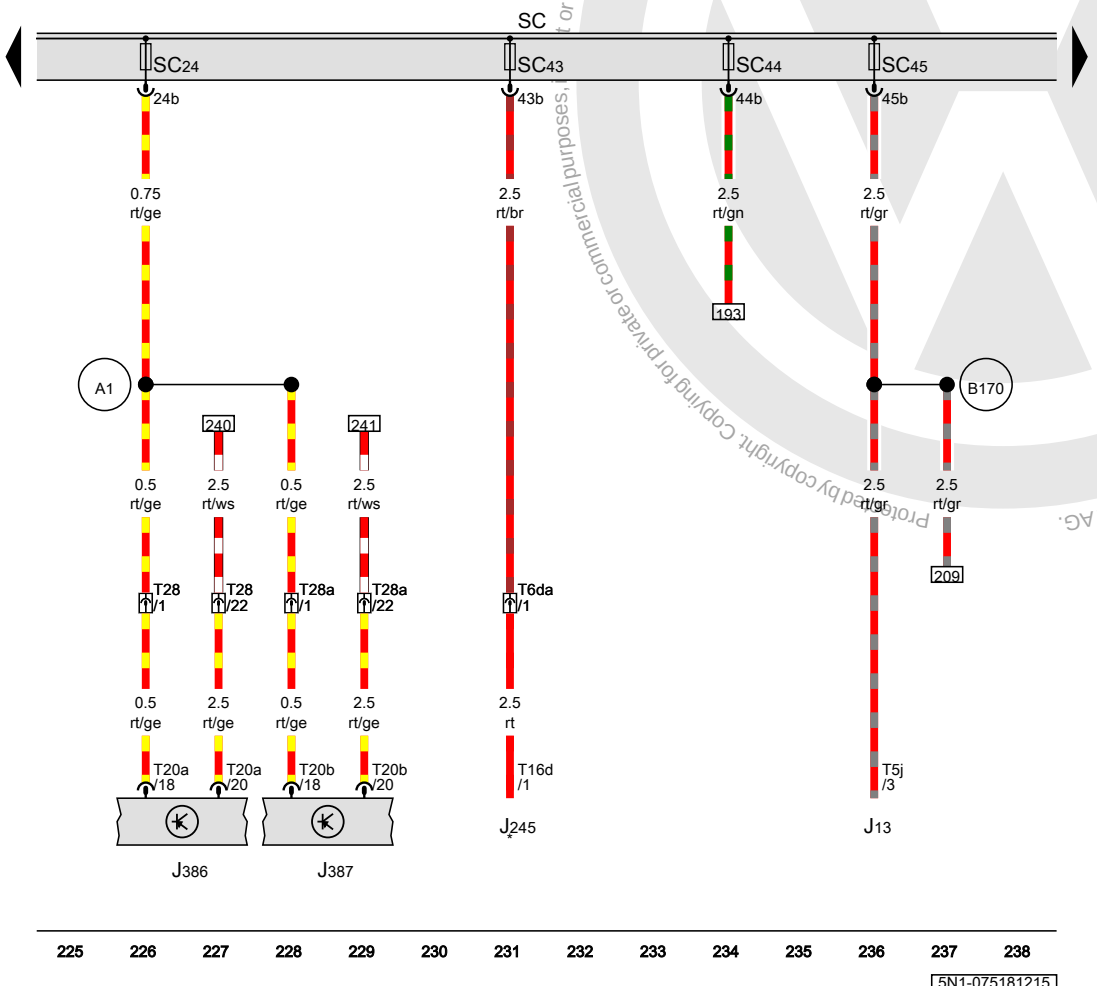


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuse holder C

E538	Electromechanical parking brake button
G197	Magnetic field sender for compass
G273	Interior monitoring sensor
G397	Rain and light sensor
H12	Alarm horn
J518	Entry and start authorisation control unit
J772	Reversing camera system control unit
SC	Fuse holder C
SC21	Fuse 21 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
T3ae	3-pin connector
T3f	3-pin connector
T4au	4-pin connector
T8hm	8-pin connector
T16f	16-pin connector
T32c	32-pin connector
T54b	54-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
B161	Connection (ATA), in interior wiring harness
B323	Positive connection 9 (30a) in main wiring harness
*	According to equipment

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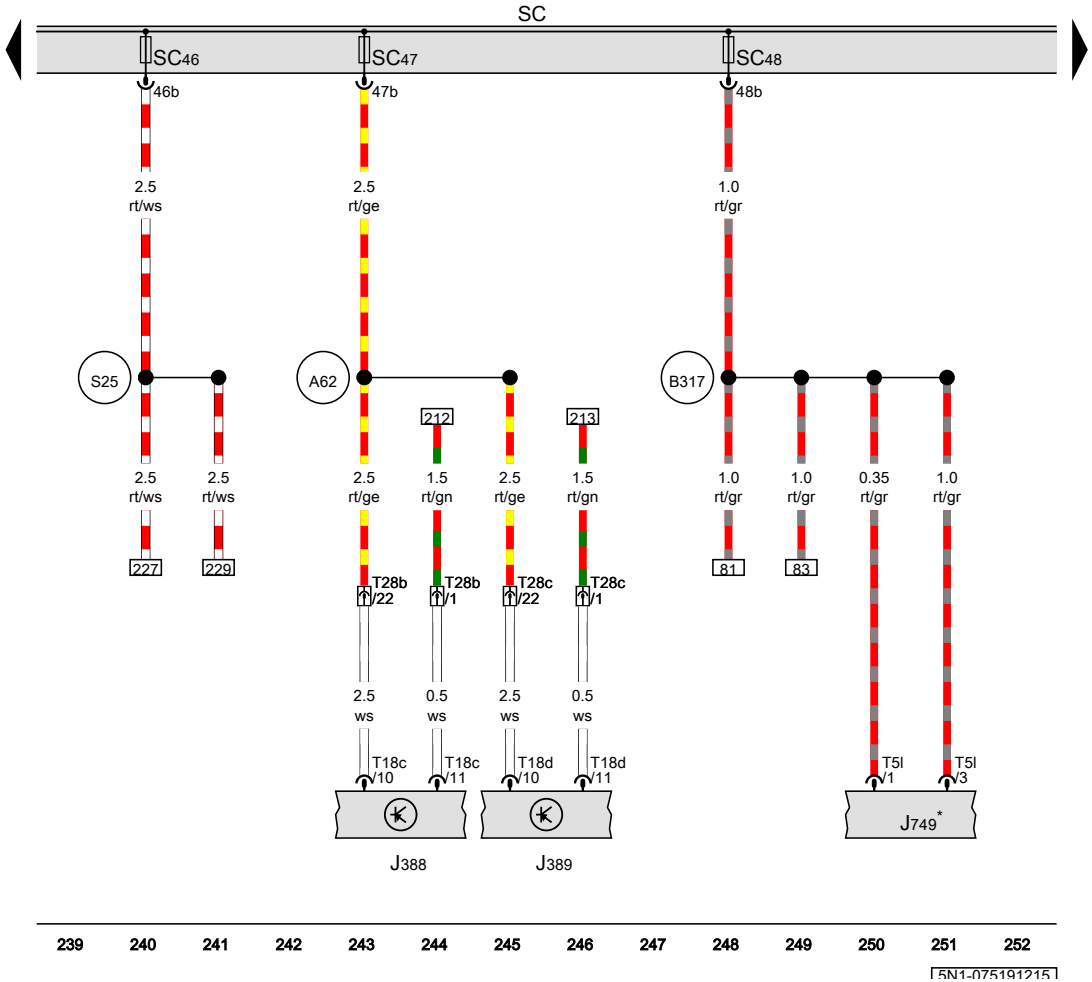


Fuse holder C

J13	Fresh air blower relay
J245	Sliding sunroof adjustment control unit
J386	Driver door control unit
J387	Front passenger door control unit
SC	Fuse holder C
SC24	Fuse 24 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC44	Fuse 44 on fuse holder C
SC45	Fuse 45 on fuse holder C
T5j	5-pin connector
T6da	6-pin connector
T16d	16-pin connector
T20a	20-pin connector
T20b	20-pin connector
T28	28-pin connector
T28a	28-pin connector
A1	Positive connection (30a), in dash panel wiring harness
B170	Positive connection 2 (30), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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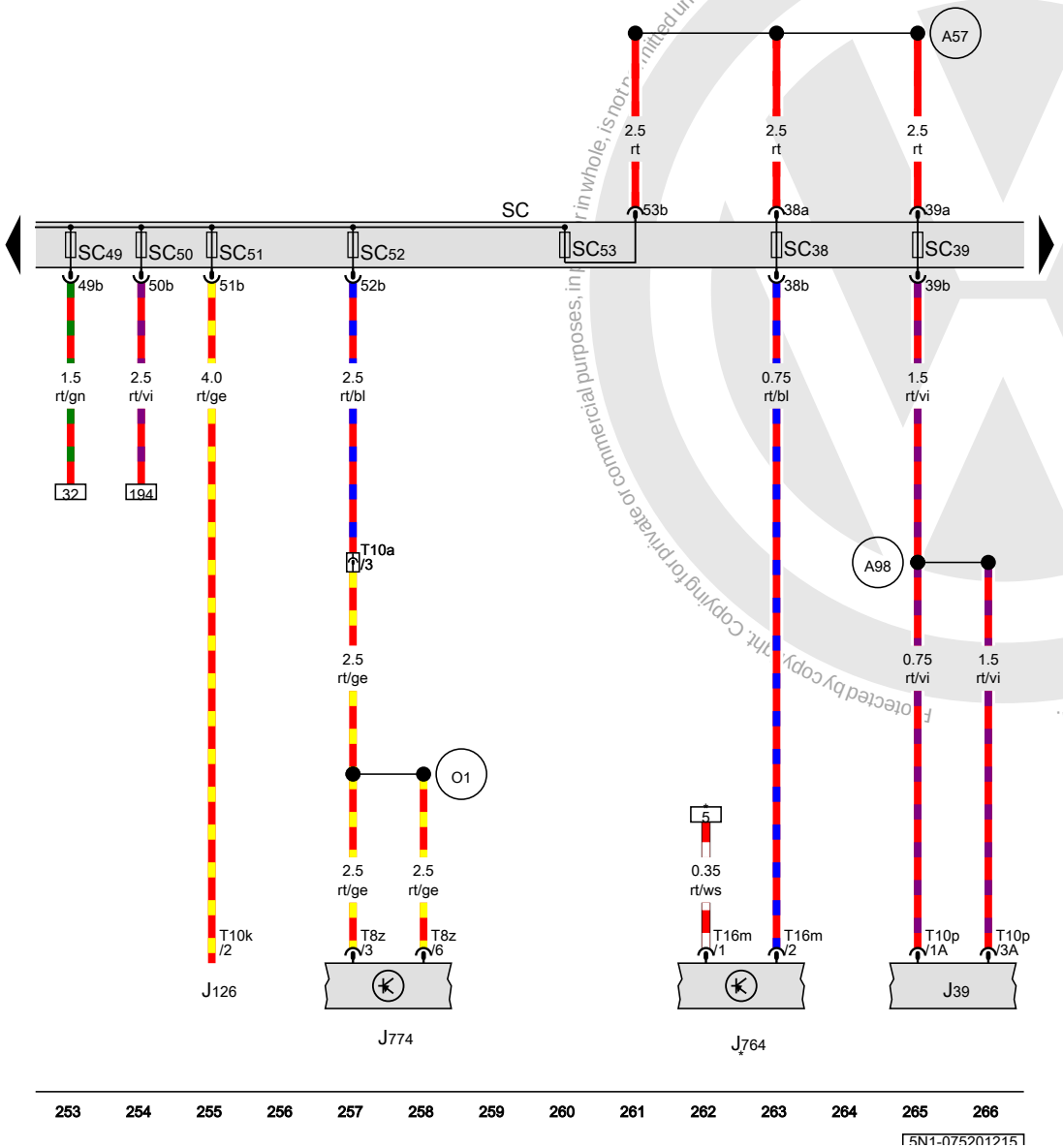


Fuse holder C

J388	Rear left door control unit
J389	Rear right door control unit
J749	Fuel pump relay for auxiliary heater
SC	Fuse holder C
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
T5l	5-pin connector
T18c	18-pin connector
T18d	18-pin connector
T28b	28-pin connector
T28c	28-pin connector
A62	Connection (window regulators), in dash panel wiring harness
B317	Positive connection 3 (30a) in main wiring harness
S25	Positive connection (30a), in central locking wiring harness
*	Only models with fuel operated auxiliary heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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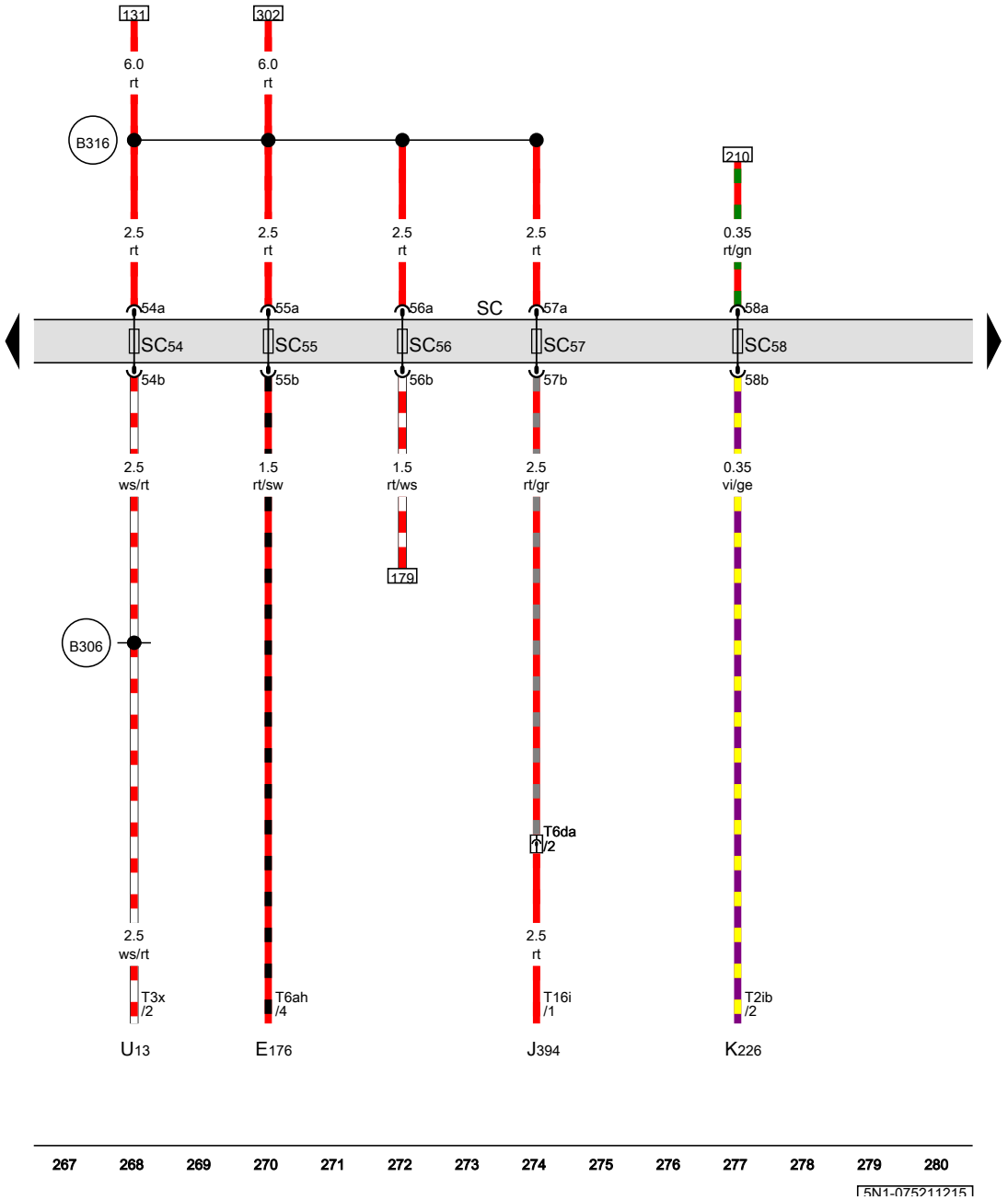


Fuse holder C

J39	Headlight washer system relay
J126	Fresh air blower control unit
J764	Control unit for electronic steering column lock
J774	Heated front seats control unit
SC	Fuse holder C
SC38	Fuse 38 on fuse holder C
SC39	Fuse 39 on fuse holder C
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
SC52	Fuse 52 on fuse holder C
SC53	Fuse 53 on fuse holder C
T8z	8-pin connector
T10a	10-pin connector
T10k	10-pin connector
T10p	10-pin connector
T16m	16-pin connector
A57	Positive connection 3 (30), in dash panel wiring harness
A98	Positive connection 4 (30), in dash panel wiring harness
O1	Positive connection (30), in seat heating wiring harness
*	Only models with entry and start authorisation

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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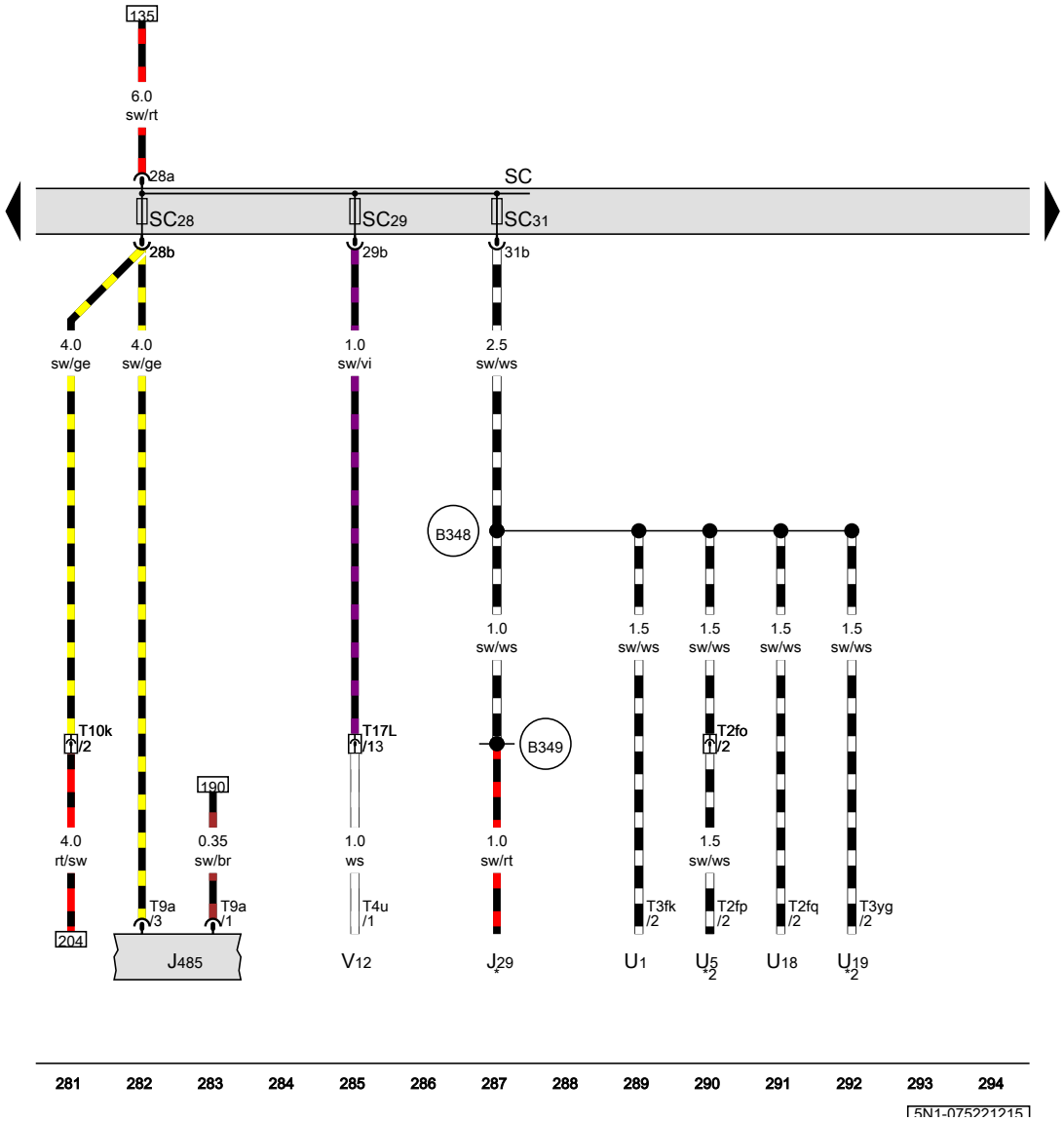


Fuse holder C

E176	Driver seat lumbar support adjustment switch
J394	Sunroof roller blind control unit
K226	Towing bracket locked warning lamp
SC	Fuse holder C
SC54	Fuse 54 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC56	Fuse 56 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC58	Fuse 58 on fuse holder C
T2ib	2-pin connector
T3x	3-pin connector
T6ah	6-pin connector
T6da	6-pin connector
T16i	16-pin connector
U13	DC/AC converter with socket, 12 V - 230 V
B306	Positive connection 10 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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or = orange
rs = pink

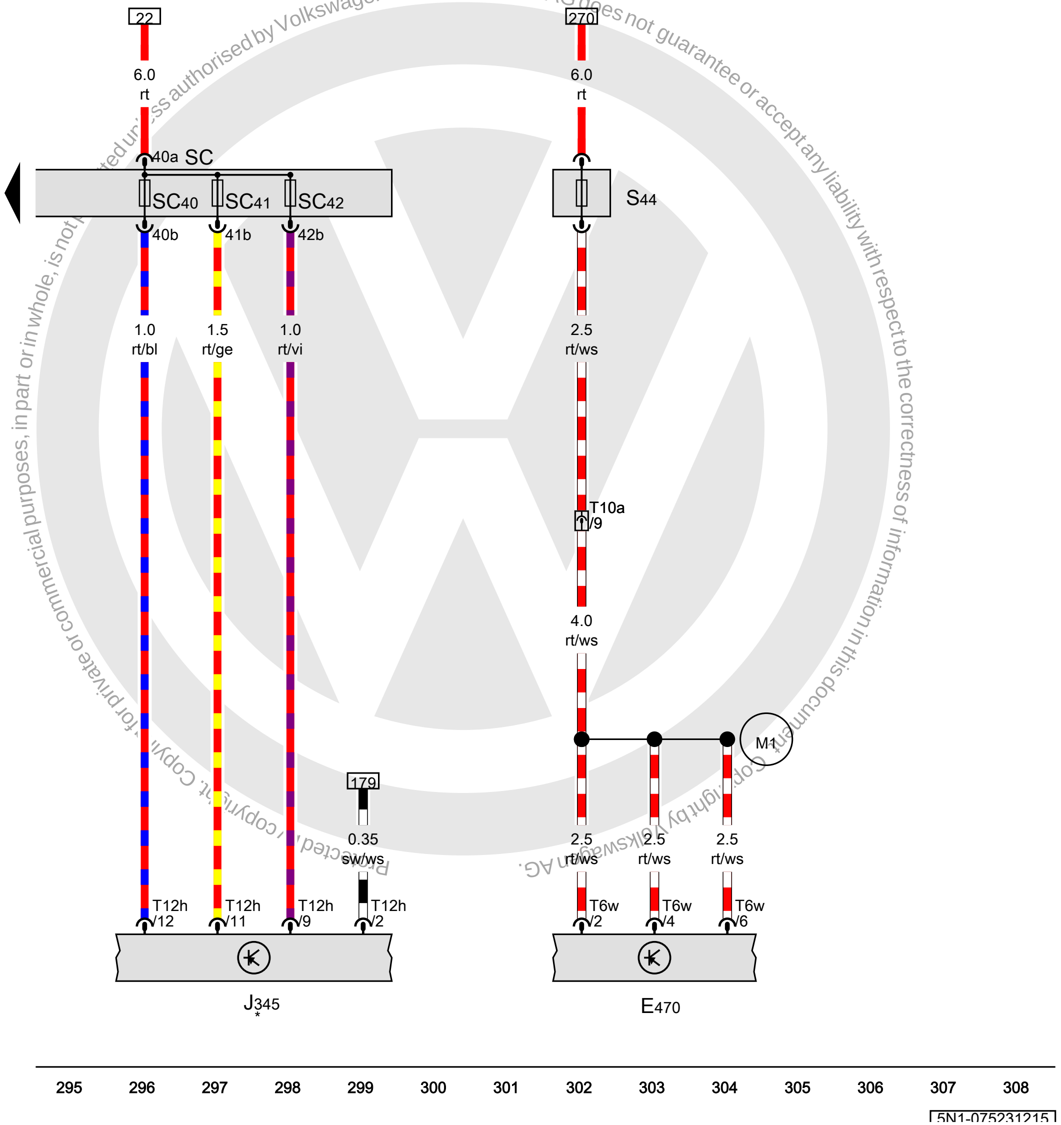
Fuse holder C

J29	Blocking diode
J485	Auxiliary heater operation relay
SC	Fuse holder C
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC31	Fuse 31 on fuse holder C
T2fo	2-pin connector
T2fp	2-pin connector
T2fq	2-pin connector
T3fk	3-pin connector
T3yg	3-pin connector
T4u	4-pin connector
T9a	9-pin connector
T10k	10-pin connector
T17L	17-pin connector
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
U19	12 V socket 3
V12	Rear window wiper motor
B348	Connection 1 (75a), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	According to equipment

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Driver seat adjustment thermal fuse 1, Fuse holder C

E470	Driver seat adjustment operating unit
J345	Trailer detector control unit
S44	Driver seat adjustment thermal fuse 1
SC	Fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
T6w	6-pin connector
T10a	10-pin connector
T12h	12-pin connector
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	According to equipment



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li	=	purple
vi	=	purple
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or	=	orange
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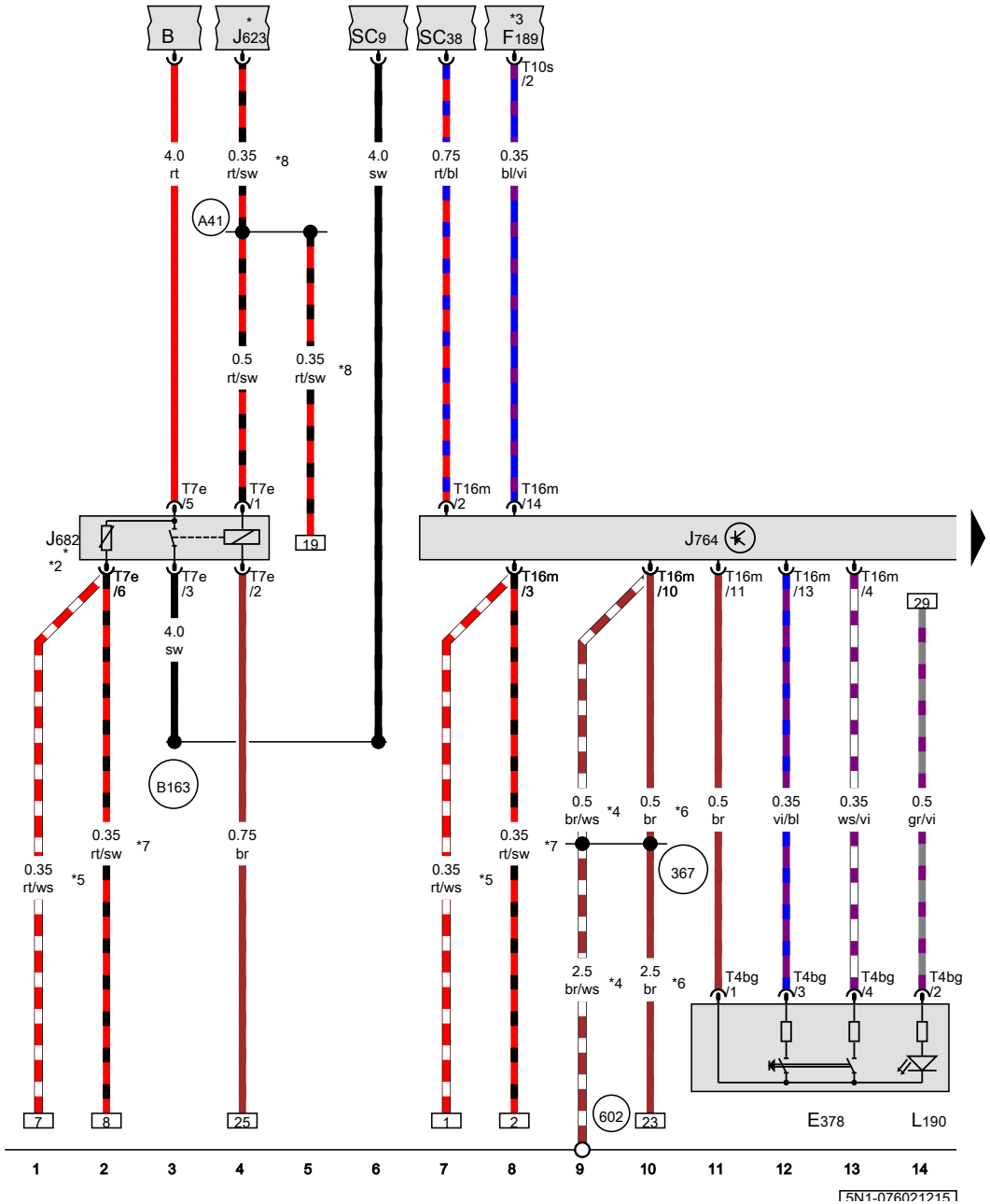
Entry and start authorisation , (4F2),(4F6),(4I3)

From May 2010

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Starter button, Terminal 50 voltage supply relay, Control unit for electronic steering column lock

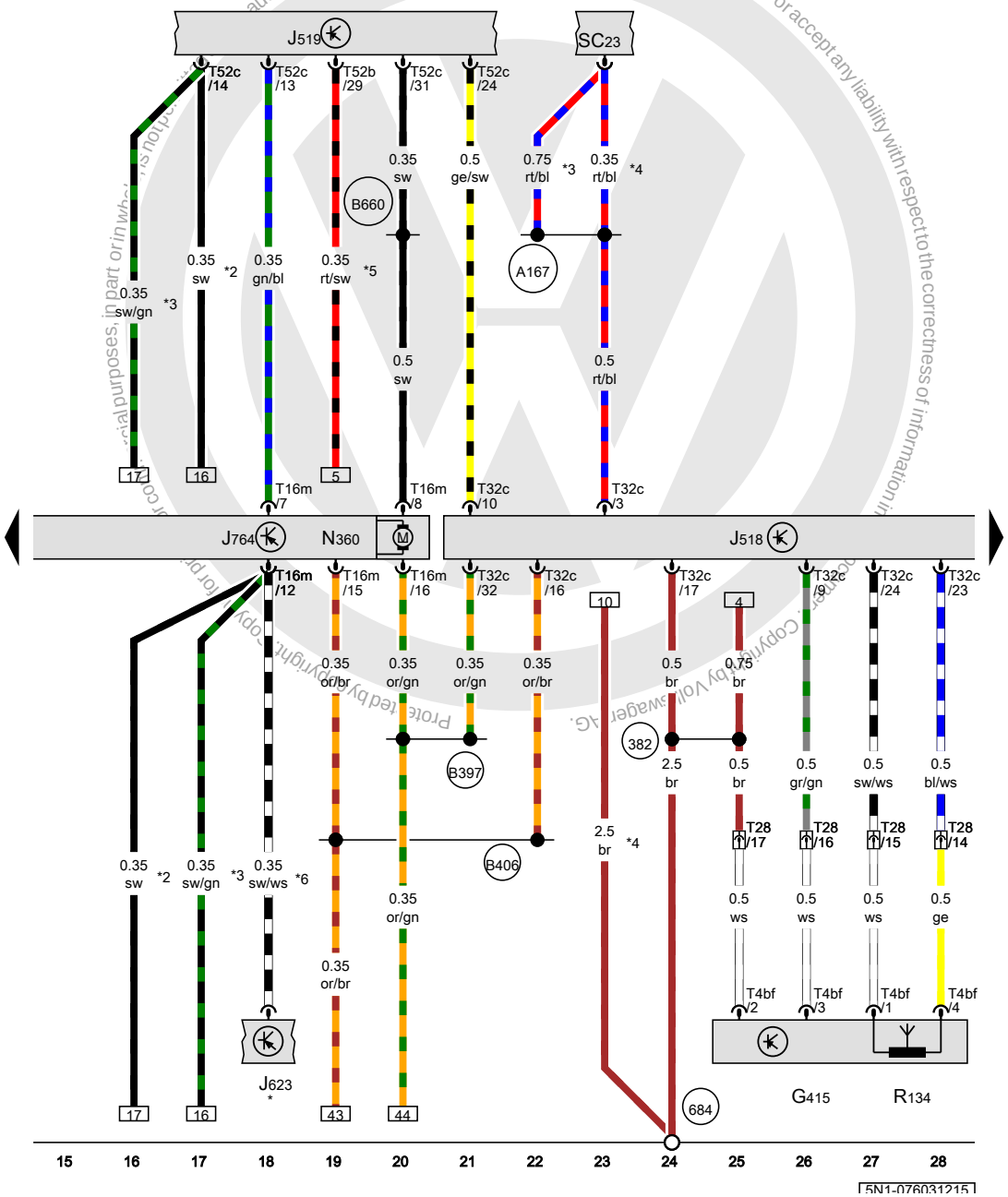
B	Starter
E378	Starter button
F189	Tiptronic switch
J623	Engine control unit
J682	Terminal 50 voltage supply relay
J764	Control unit for electronic steering column lock
L190	Ignition and starter button illumination bulb
SC9	Fuse 9 on fuse holder C
SC38	Fuse 38 on fuse holder C
T4bg	4-pin connector
T7e	7-pin connector
T10s	10-pin connector
T16m	16-pin connector
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
A41	Positive connection (50), in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
*	see applicable current flow diagram for engine
*2	Only models with no start/stop system
*3	Only models with automatic gearbox
*4	From November 2010
*5	From May 2011
*6	Up to November 2010
*7	Up to May 2011
*8	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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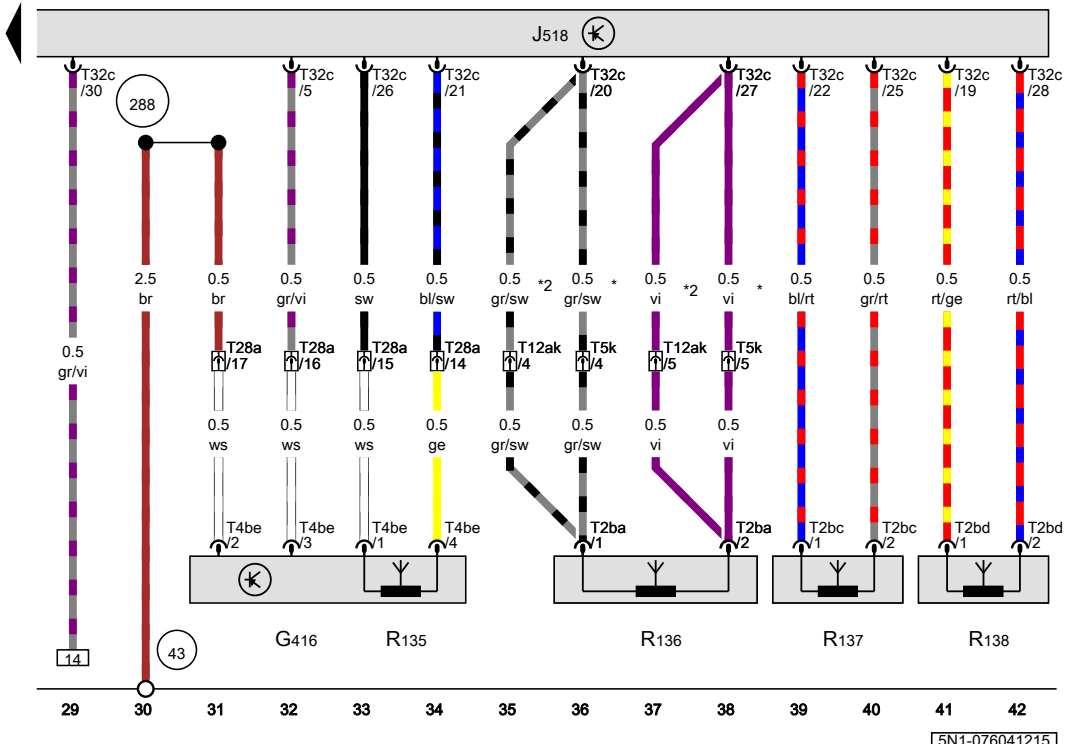
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Entry and start authorisation control unit, Onboard supply control unit, Engine control unit, Control unit for electronic steering column lock, Driver side aerial for entry and start system

G415	Driver door exterior handle contact sensor
J518	Entry and start authorisation control unit
J519	Onboard supply control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
N360	Steering column lock control element
R134	Driver side aerial for entry and start system
SC23	Fuse 23 on fuse holder C
T4bf	4-pin connector
T16m	16-pin connector
T28	28-pin connector
T32c	32-pin connector
T52b	52-pin connector
T52c	52-pin connector
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
A167	Positive connection 3 (30a) in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with no start/stop system
*3	From November 2010
*4	Up to November 2010
*5	According to equipment
*6	Wiring colour depends on equipment

Entry and start authorisation control unit, Passenger side aerial for entry and start system, Rear bumper aerial for entry and start system, Luggage compartment aerial for entry and start system, Interior aerial 1 for entry and start system

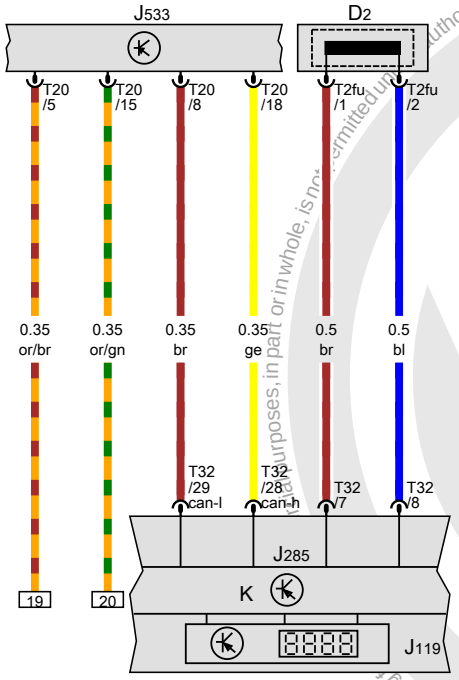
G416	Front passenger door exterior handle contact sensor
J518	Entry and start authorisation control unit
R135	Passenger side aerial for entry and start system
R136	Rear bumper aerial for entry and start system
R137	Luggage compartment aerial for entry and start system
R138	Interior aerial 1 for entry and start system
T2ba	2-pin connector
T2bc	2-pin connector
T2bd	2-pin connector
T4be	4-pin connector
T5k	5-pin connector
T12ak	12-pin connector
T28a	28-pin connector
T32c	32-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
*	Up to November 2011
*2	From November 2011



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Immobiliser reader coil, Control unit in dash panel insert, Data bus diagnostic interface, Dash panel insert

D2	Immobiliser reader coil
J119	Multifunction indicator
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K	Dash panel insert
T2fu	2-pin connector
T20	20-pin connector
T32	32-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

43 44 45 46 47 48 49 50 51 52 53 54 55 56

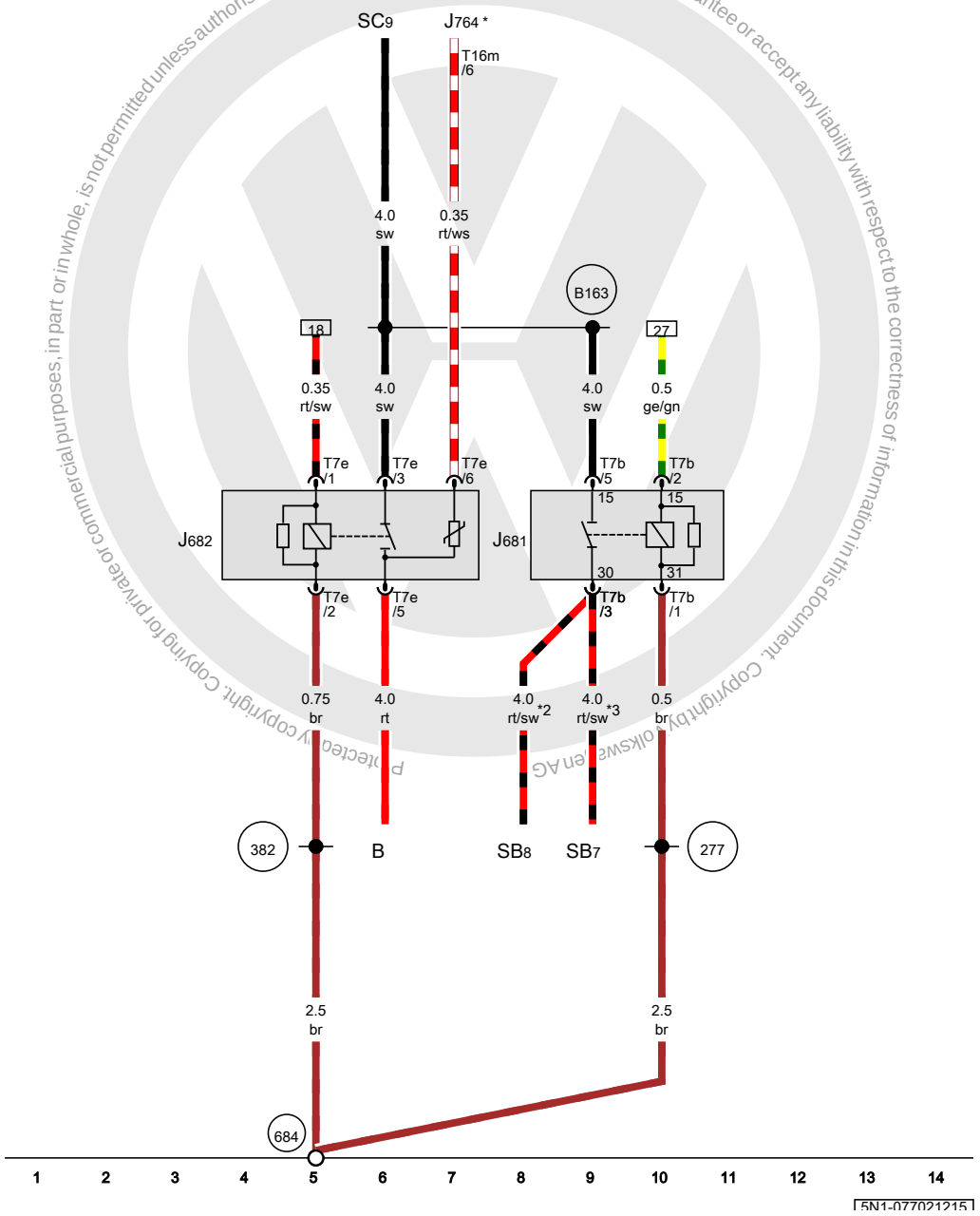
5N1-0760051215

Dual clutch gearbox (DSG) , (0EX)

From May 2010

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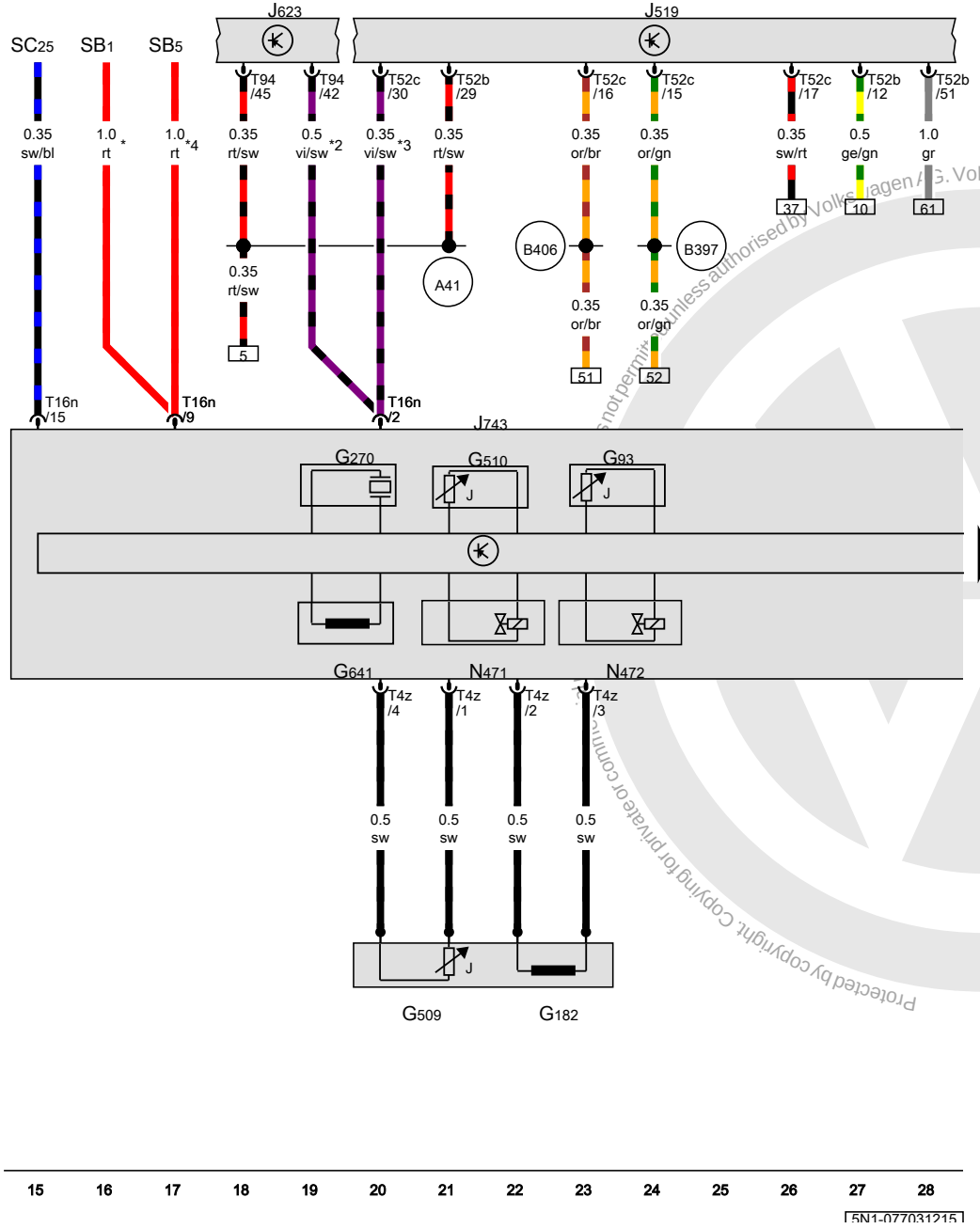
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Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay

B	Starter
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
J764	Control unit for electronic steering column lock
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SC9	Fuse 9 on fuse holder C
T7b	7-pin connector
T7e	7-pin connector
T16m	16-pin connector
277	Earth connection 3, in interior wiring harness
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
B163	Positive connection 1 (15), in interior wiring harness
*	Only models with entry and start authorisation
*2	From May 2011
*3	Up to May 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Gearbox oil temperature sender, Gearbox input speed sender, Clutch temperature sender, Temperature sender in control unit, Onboard supply control unit, Engine control unit, Mechatronic unit for dual clutch gearbox

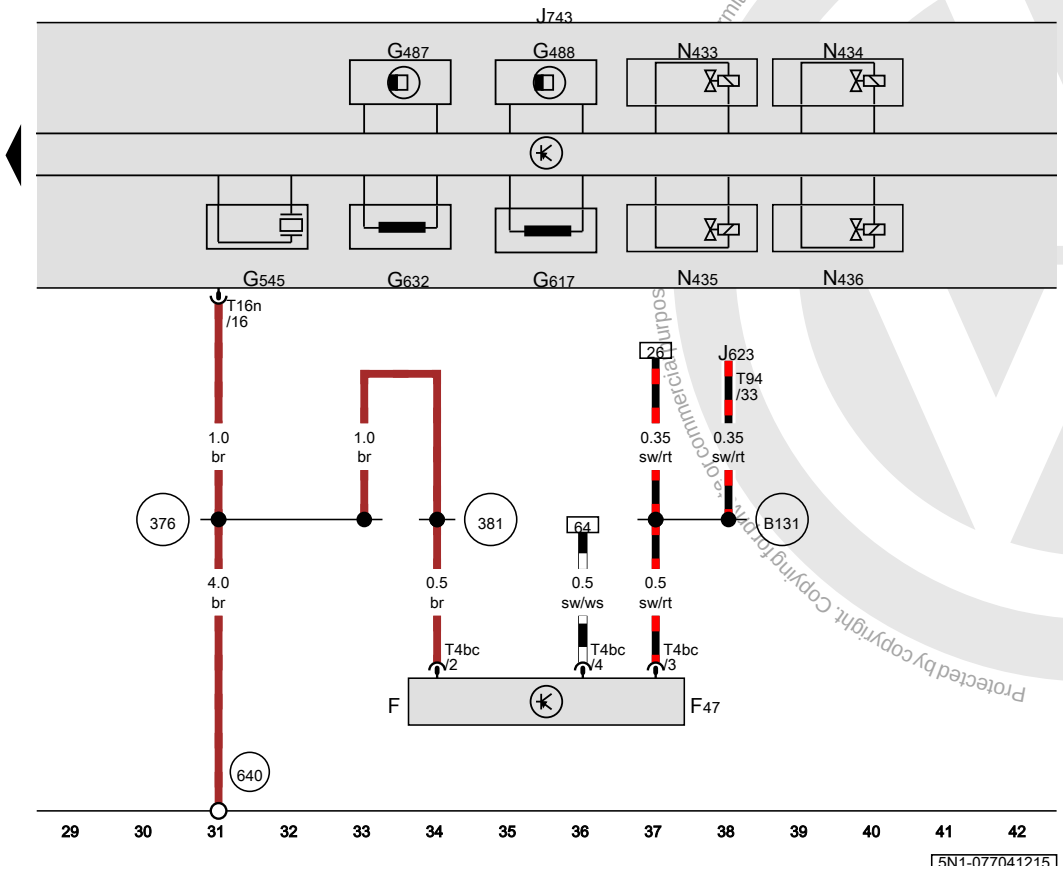
G93	Gearbox oil temperature sender
G182	Gearbox input speed sender
G270	Gearbox hydraulic pressure sender
G509	Clutch temperature sender
G510	Temperature sender in control unit
G641	Gearbox input speed sender 3
J519	Onboard supply control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
N471	Cooling oil valve
N472	Main pressure valve
SB1	Fuse 1 on fuse holder B
SB5	Fuse 5 on fuse holder B
SC25	Fuse 25 on fuse holder C
T4z	4-pin connector
T16n	16-pin connector
T52b	52-pin connector
T52c	52-pin connector
T94	94-pin connector
A41	Positive connection (50), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	From May 2011
*2	Only models with start/stop system
*3	Only models with no start/stop system
*4	Up to May 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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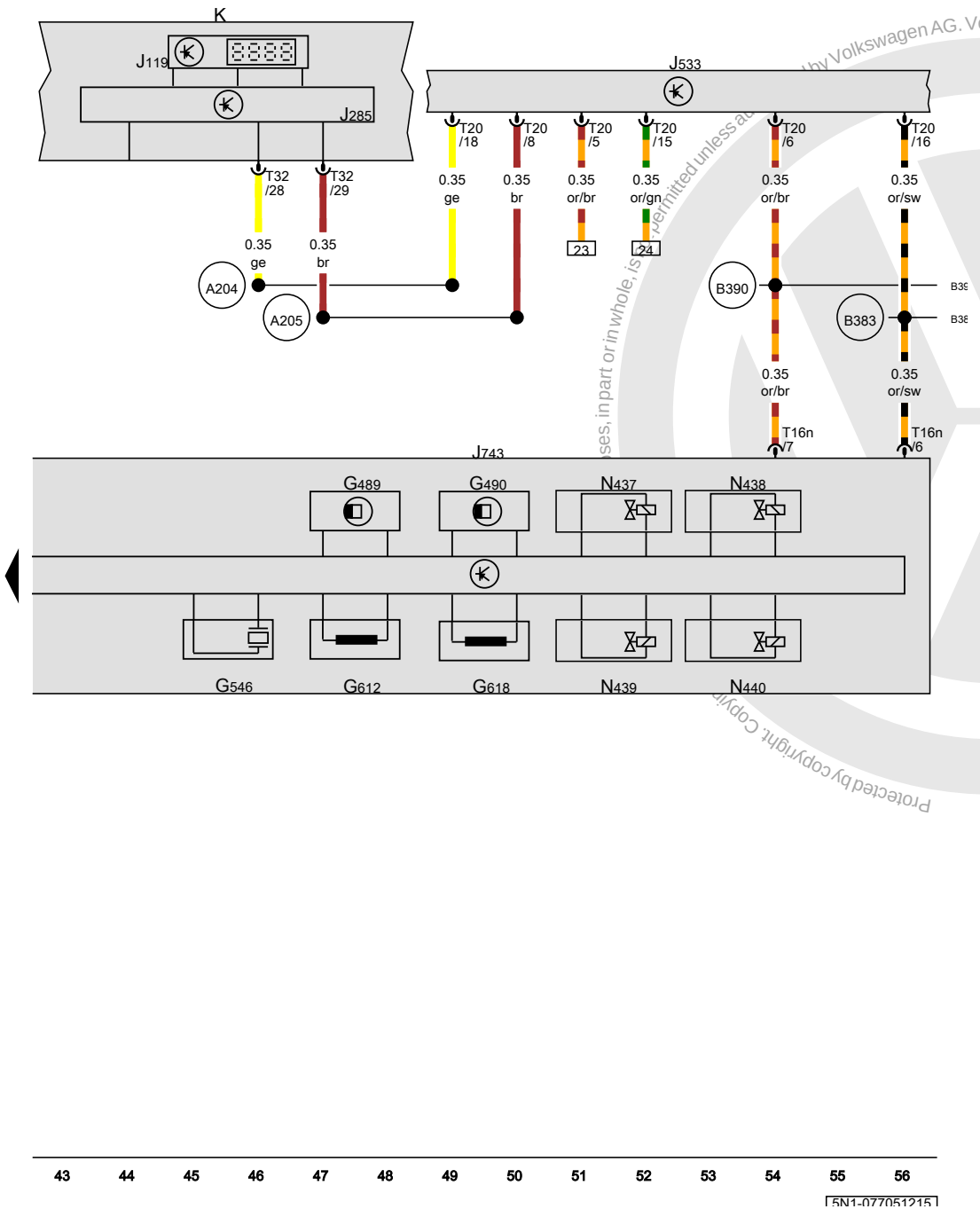
Brake light switch, Engine control unit, Mechatronic unit for dual clutch gearbox

F	Brake light switch
F47	Brake pedal switch
G487	Gear selector movement sensor 1
G488	Gear selector movement sensor 2
G545	Hydraulic pressure sender 1
G617	Clutch travel sender 1
G632	Gearbox input speed sender 1
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
N433	Valve 1 in sub-gearbox 1
N434	Valve 2 in sub-gearbox 1
N435	Valve 3 in sub-gearbox 1
N436	Valve 4 in sub-gearbox 1
T4bc	4-pin connector
T16n	16-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B131	Connection (54), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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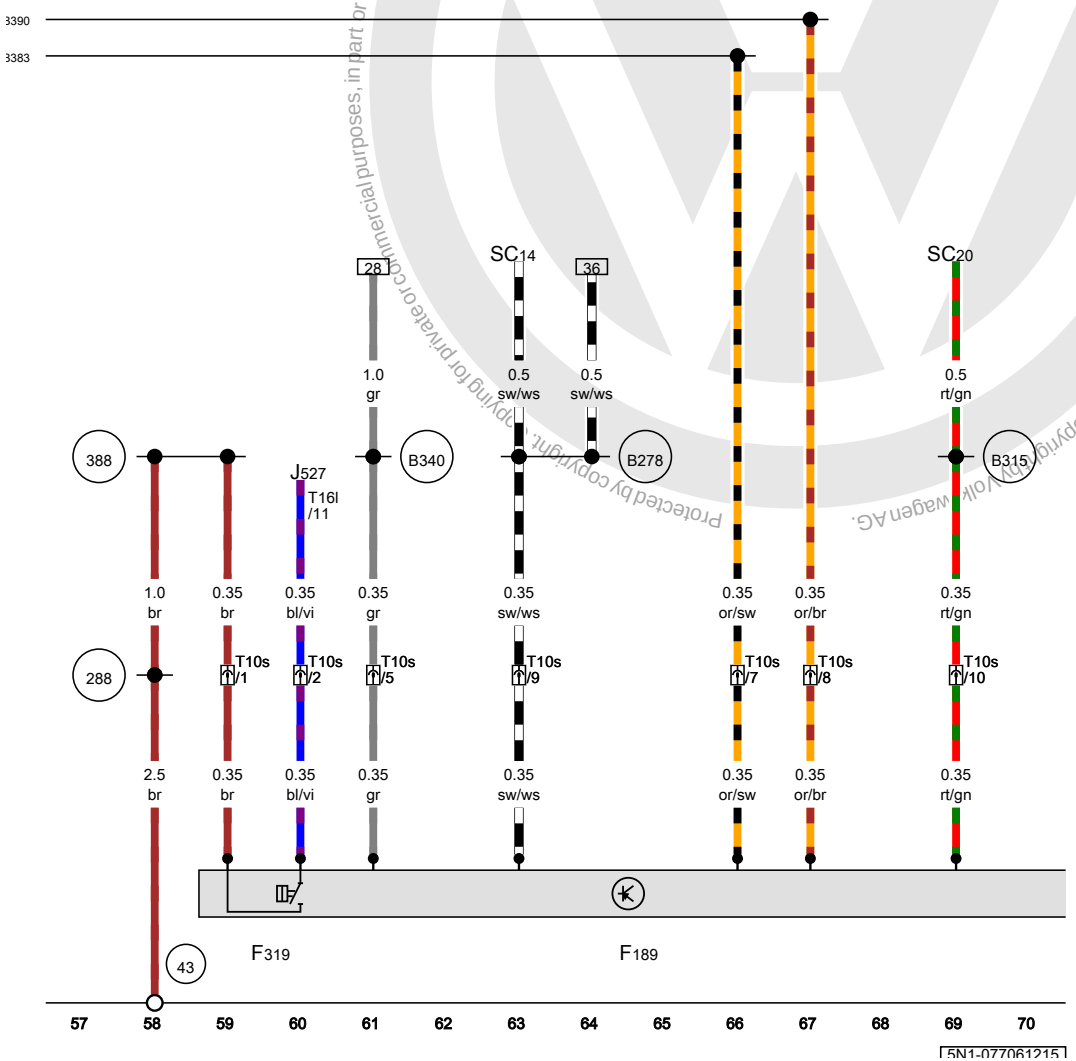
Data bus diagnostic interface, Mechatronic unit for dual clutch gearbox, Dash panel insert

G489	Gear selector movement sensor 3
G490	Gear selector movement sensor 4
G546	Hydraulic pressure sender 2
G612	Gearbox input speed sender 2
G618	Clutch travel sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J743	Mechatronic unit for dual clutch gearbox
K	Dash panel insert
N437	Valve 1 in sub-gearbox 2
N438	Valve 2 in sub-gearbox 2
N439	Valve 3 in sub-gearbox 2
N440	Valve 4 in sub-gearbox 2
T16n	16-pin connector
T20	20-pin connector
T32	32-pin connector
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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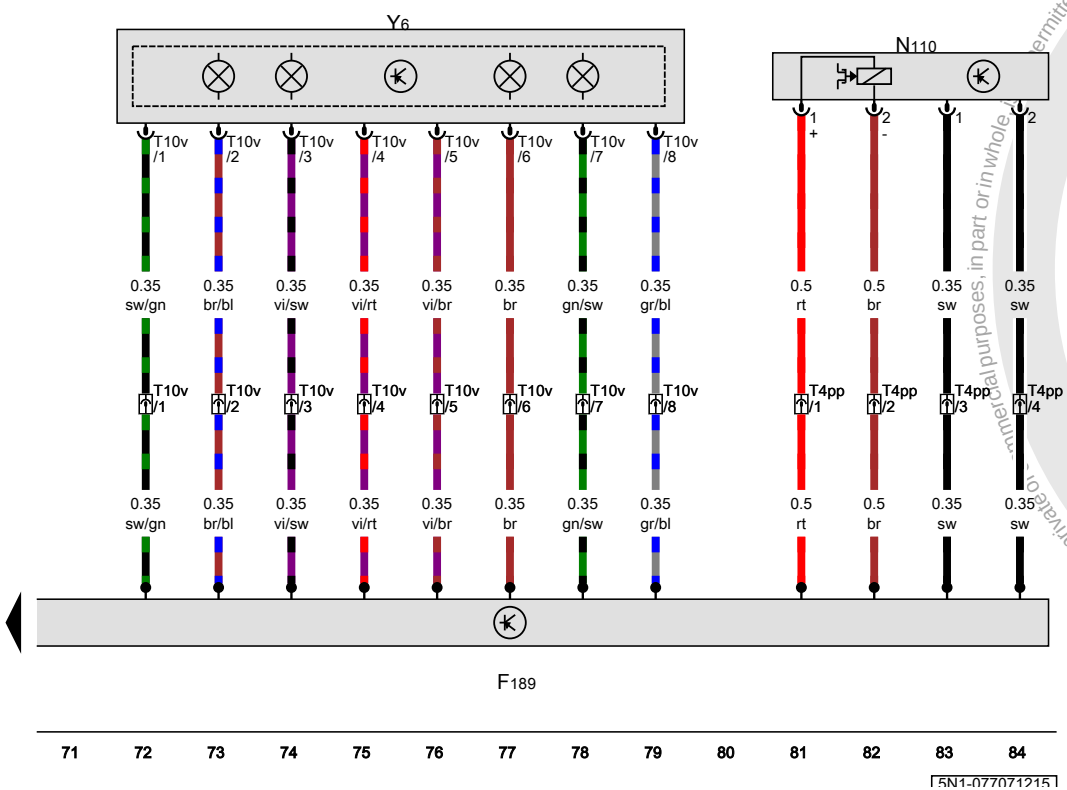
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Tiptronic switch

F189	Tiptronic switch
F319	Selector lever locked in position P switch
J527	Steering column electronics control unit
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
T10s	10-pin connector
T16l	16-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 23, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

Tiptronic switch, Selector lever lock solenoid, 4-pin connector, 10-pin connector, Selector lever position display

F189	Tiptronic switch
N110	Selector lever lock solenoid
T4pp	4-pin connector
T10v	10-pin connector
Y6	Selector lever position display



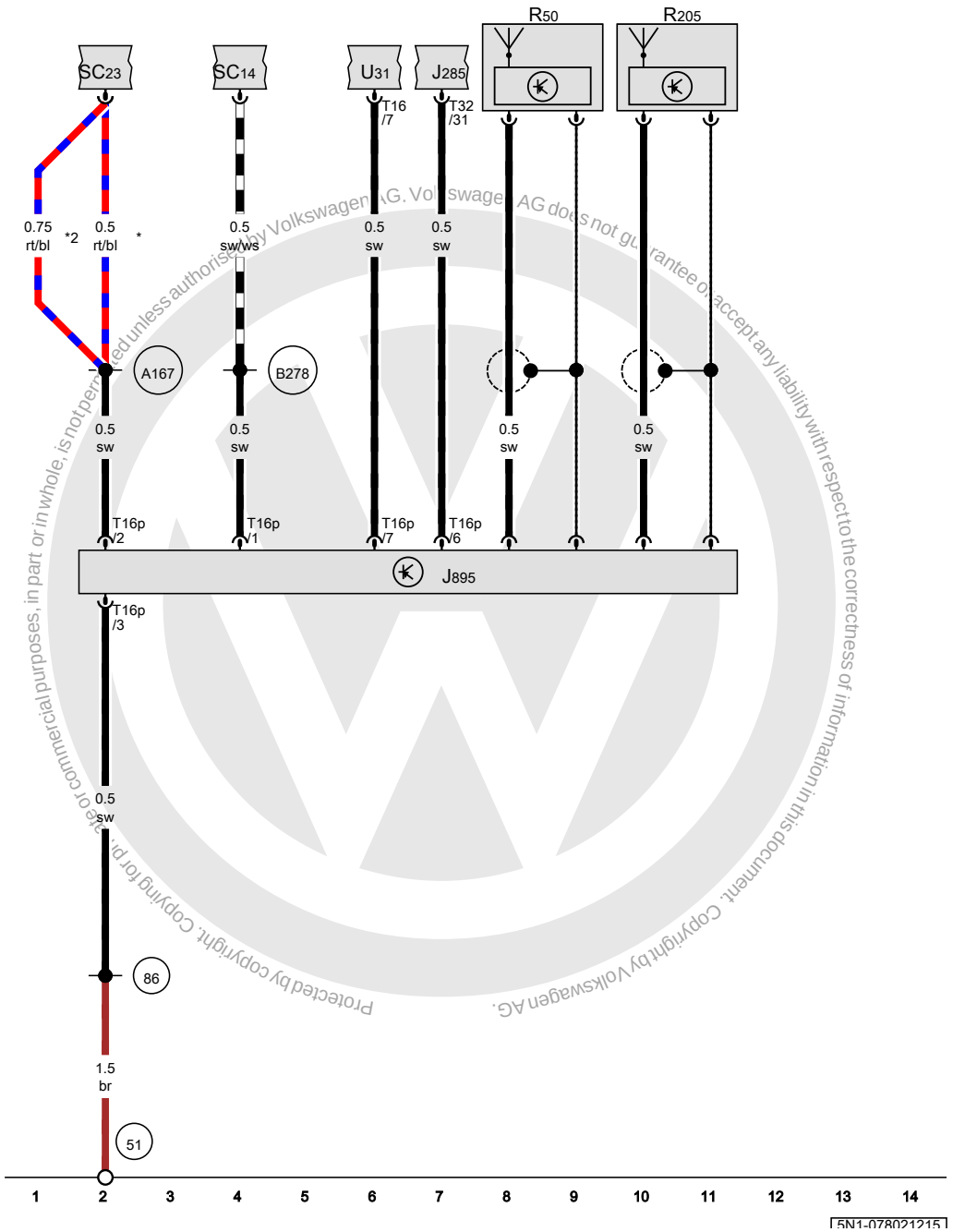
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rt	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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Vehicle location system , (7I1)

From May 2010

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Control unit for vehicle location system, GPS aerial, GSM aerial

J285	Control unit in dash panel insert
J895	Control unit for vehicle location system
R50	GPS aerial
R205	GSM aerial
SC14	Fuse 14 on fuse holder C
SC23	Fuse 23 on fuse holder C
T16	16-pin connector
T16p	16-pin connector
T32	32-pin connector
U31	Diagnostic connection
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Up to May 2011
*2	From May 2011

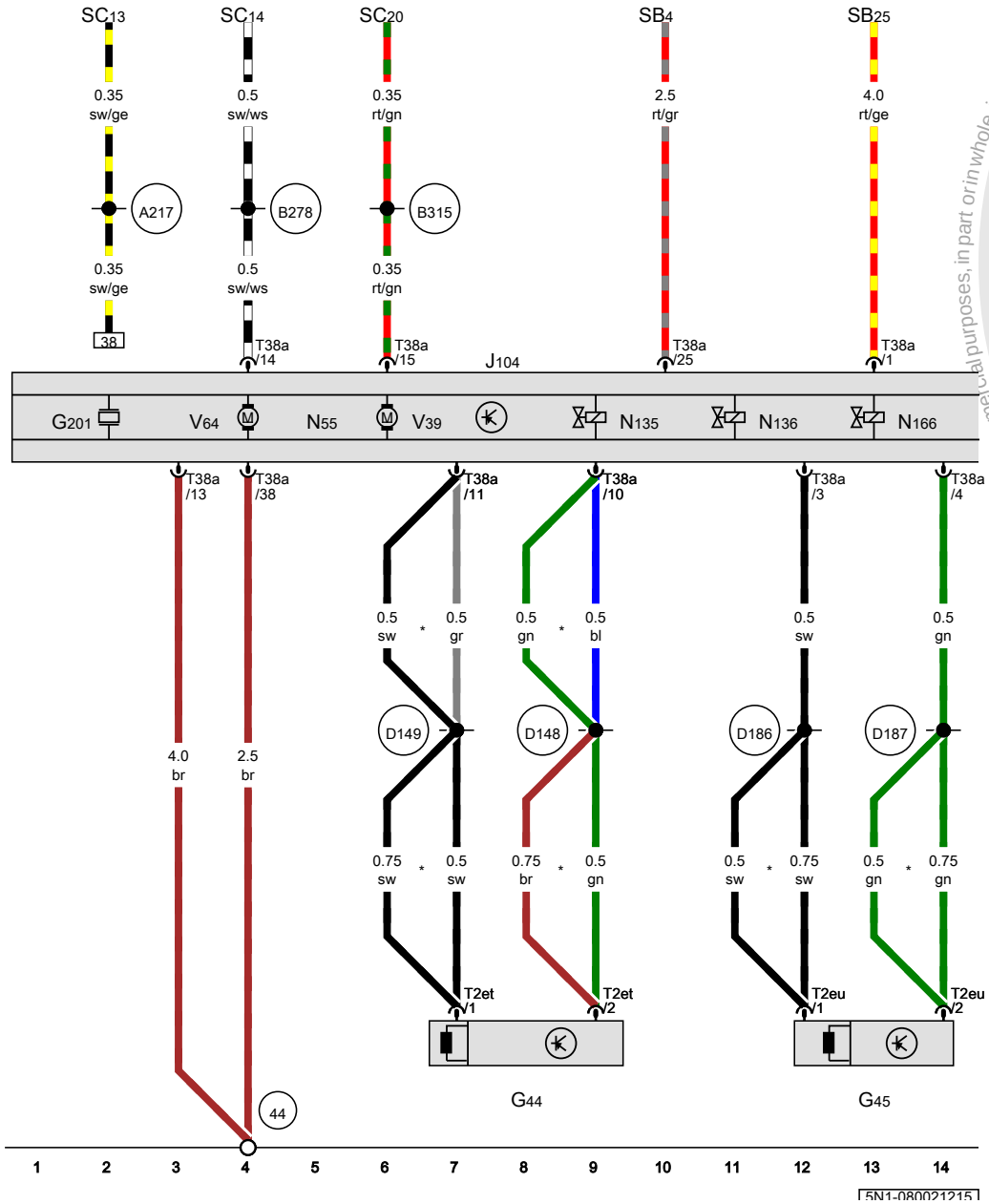
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sw	=	black
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rt	=	red
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gn	=	green
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vi	=	purple
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Anti-lock brake system (ABS) with electronic differential lock (EDL) and traction control system (TCS) and electronic stabilisation program (ESP) , (1AS),(1AT)

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rt = red
br = brown
gn = green
bl = blue
gr = grey
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vi = purple
ge = yellow
or = orange
rs = pink

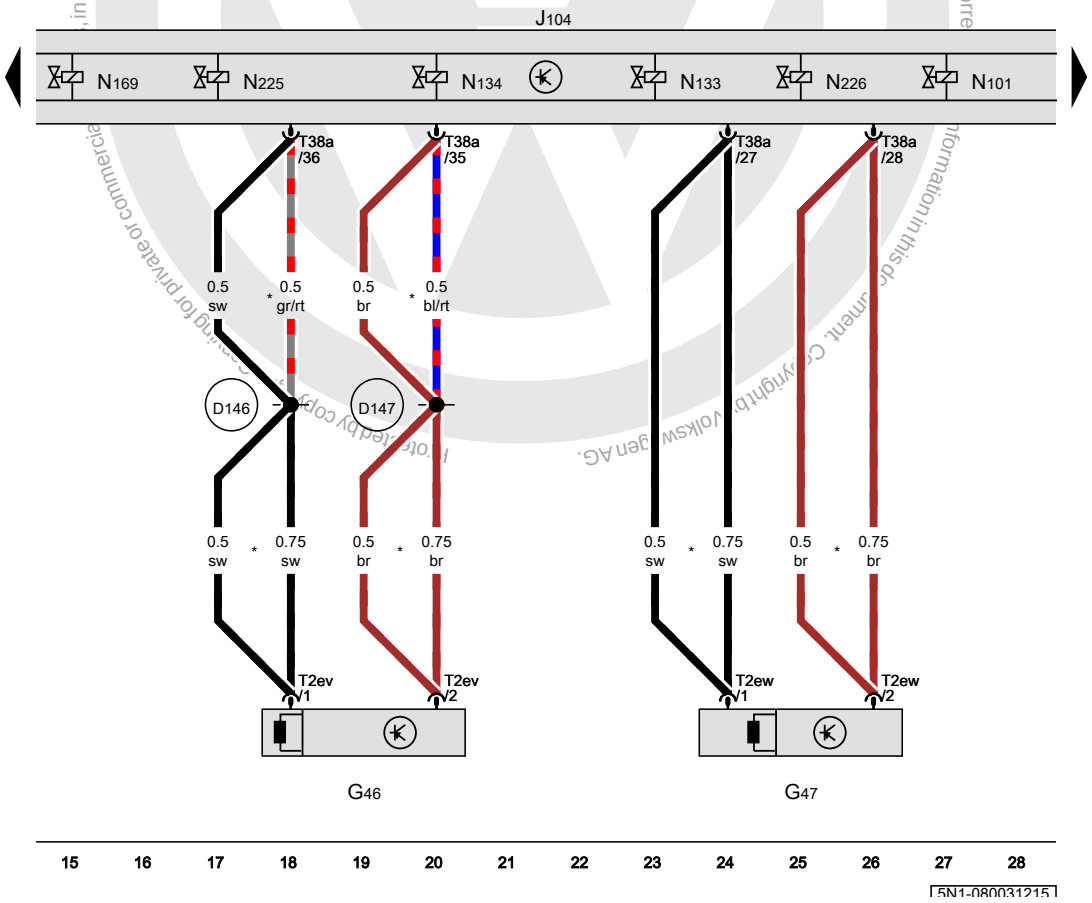
Rear right speed sensor, Front right speed sensor, ABS control unit

G44	Rear right speed sensor
G45	Front right speed sensor
G201	Brake pressure sender 1
J104	ABS control unit
N55	ABS hydraulic unit
N135	Rear right ABS outlet valve
N136	Rear left ABS outlet valve
N166	Front right EDL changeover valve
SB4	Fuse 4 on fuse holder B
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
SB25	Fuse 25 on fuse holder B
T2et	2-pin connector
T2eu	2-pin connector
T38a	38-pin connector
V39	ABS return flow pump
V64	ABS hydraulic pump

44	Earth point, lower part of left A-pillar
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
D148	Connection (rear right speed sensor +), in engine compartment wiring harness
D149	Connection (rear right speed sensor -), in engine compartment wiring harness
D186	Connection (front right speed sensor +), in engine compartment wiring harness
D187	Connection (front right speed sensor -), in engine compartment wiring harness
*	According to equipment

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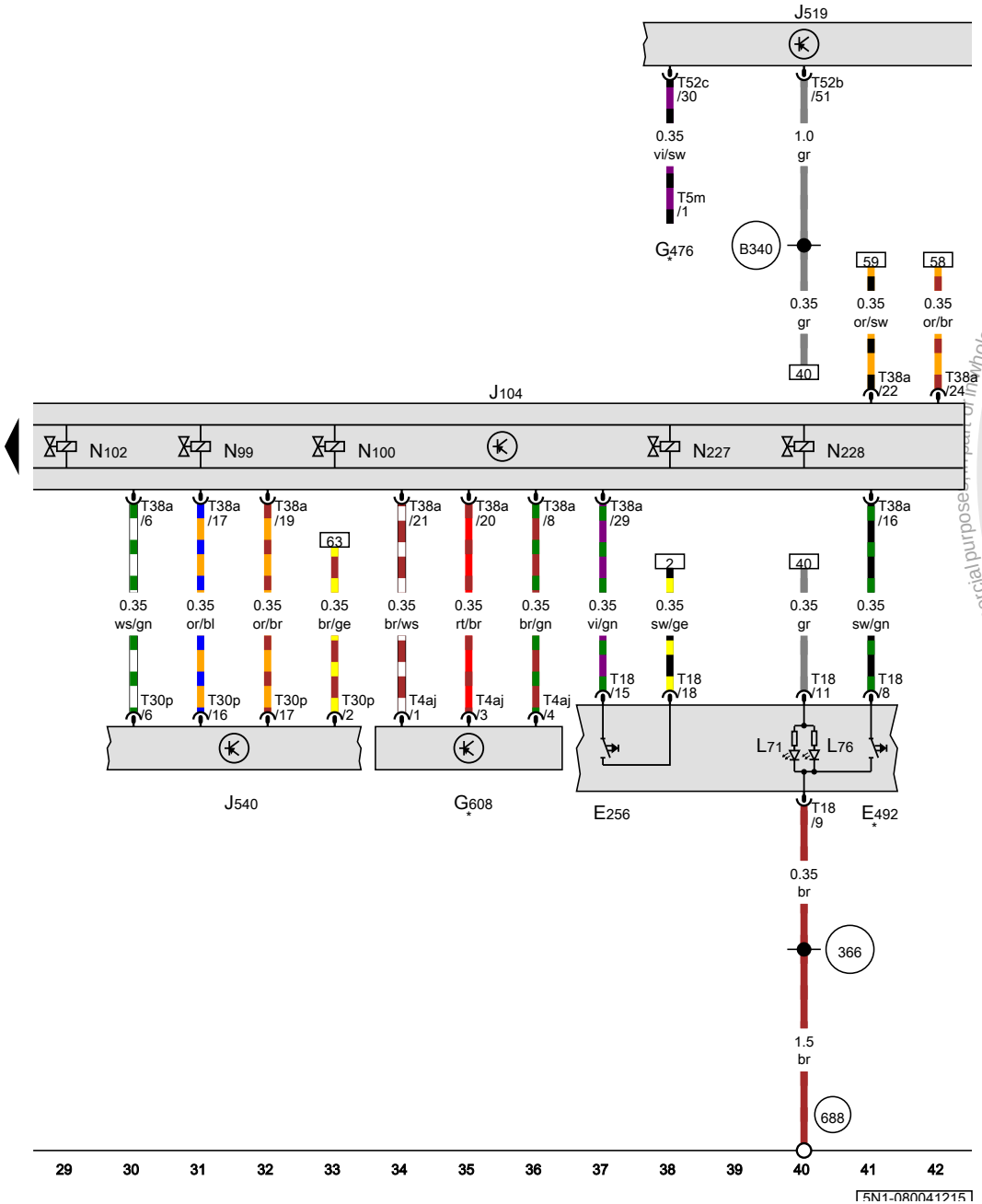


Rear left speed sensor, Front left speed sensor, ABS control unit

G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS control unit
N101	Front left ABS inlet valve
N133	Rear right ABS inlet valve
N134	Rear left ABS inlet valve
N169	Front left EDL outlet valve
N225	Vehicle stabilization program switch valve 1
N226	Vehicle stabilization program switch valve 2
T2ev	2-pin connector
T2ew	2-pin connector
T38a	38-pin connector
D146	Connection (rear left speed sensor +), in engine compartment wiring harness
D147	Connection (rear left speed sensor -), in engine compartment wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Button for TCS and electronic stabilisation program, Vacuum sender, ABS control unit, Onboard supply control unit, Control unit for electromechanical parking brake

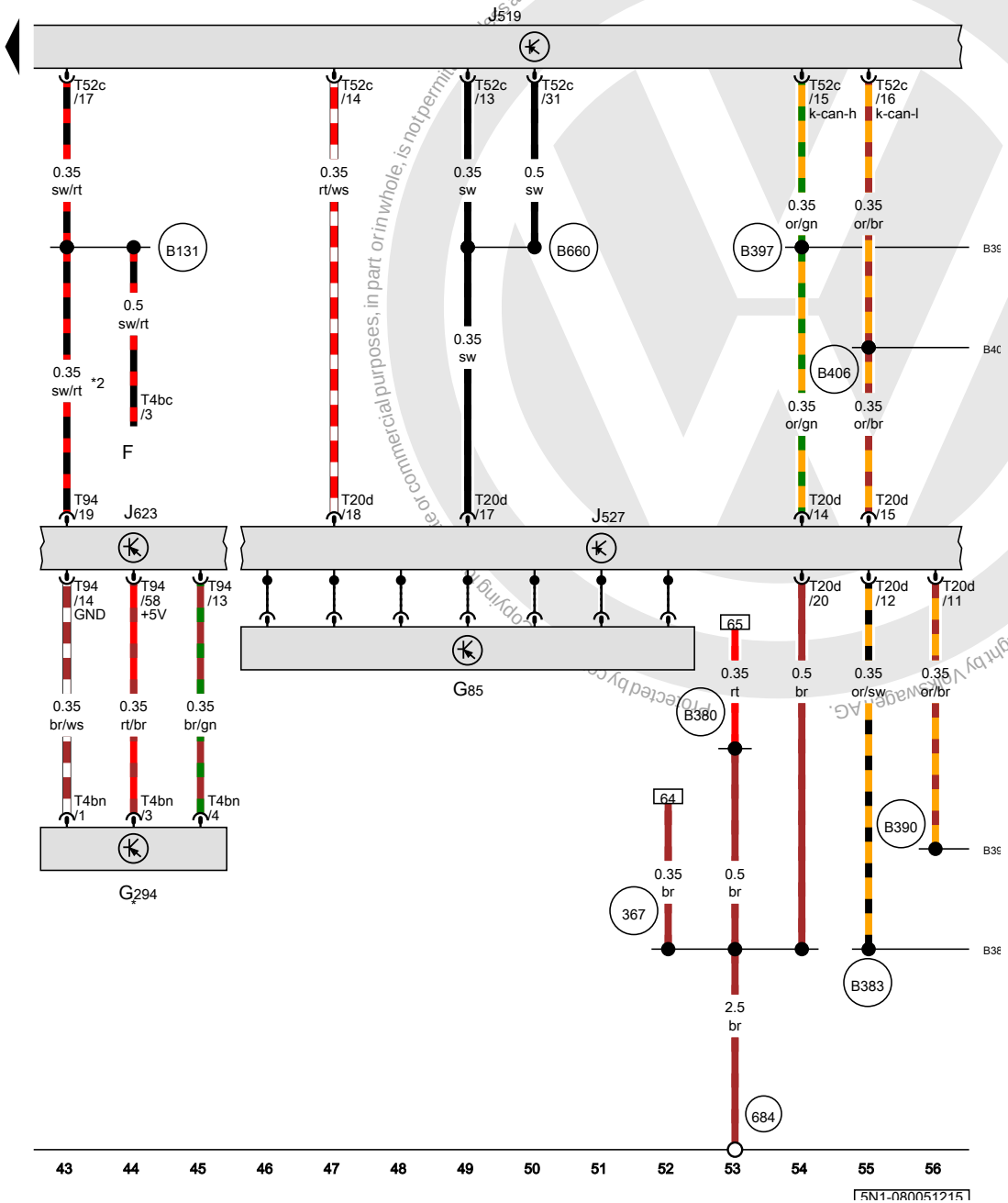


E256	Button for TCS and electronic stabilisation program
E492	Tyre Pressure Loss Indicator button
G476	Clutch position sender
G608	Vacuum sender
J104	ABS control unit
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
L71	Traction control switch illumination bulb
L76	Button illumination bulb
N99	Front right ABS inlet valve
N100	Front right ABS outlet valve
N102	Front left ABS outlet valve
N227	Vehicle stabilization program high-pressure valve 1
N228	Vehicle stabilization program high-pressure valve 2
T4aj	4-pin connector
T5m	5-pin connector
T18	18-pin connector
T30p	30-pin connector
T38a	38-pin connector
T52b	52-pin connector
T52c	52-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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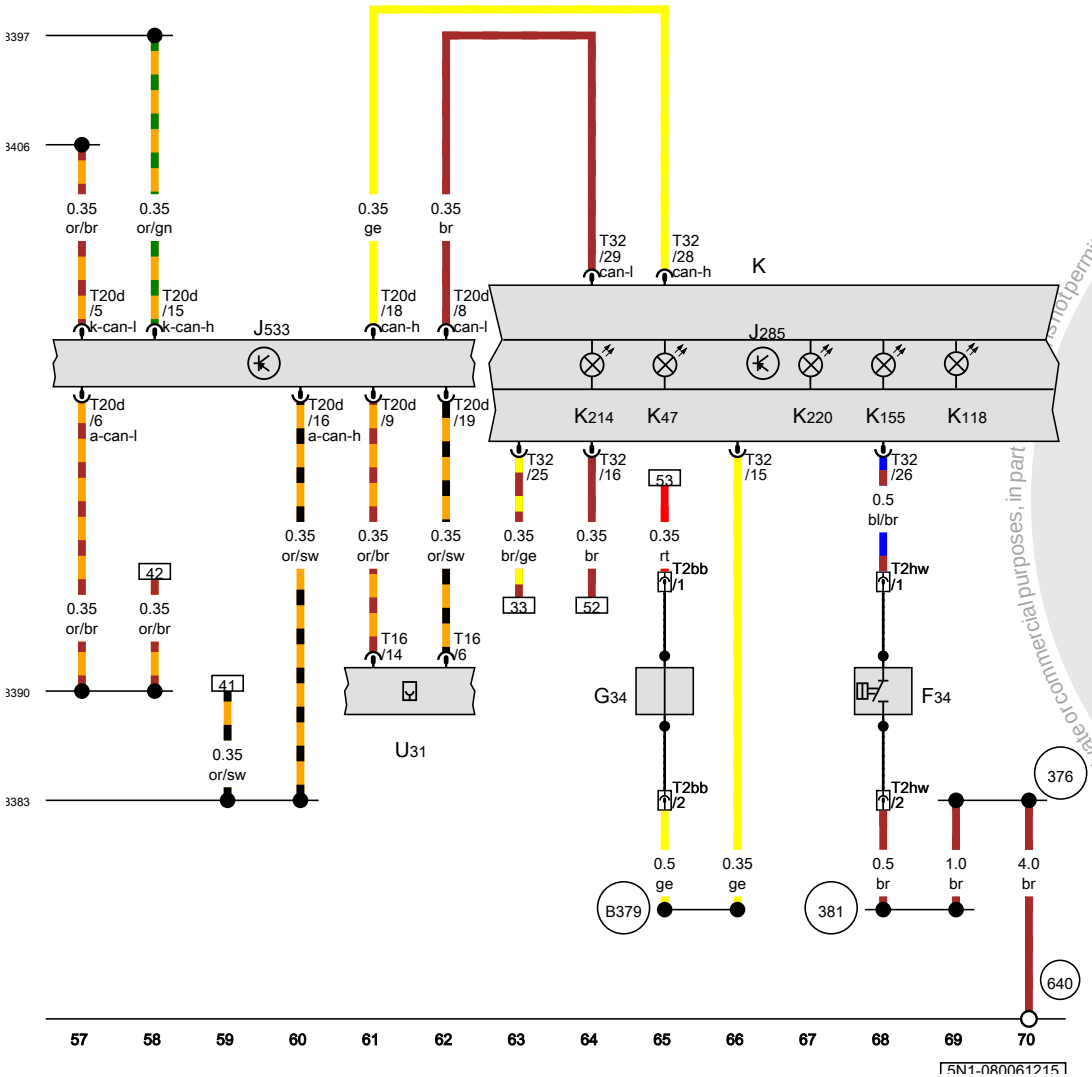


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Steering angle sender, Brake servo pressure sensor, Onboard supply control unit, Steering column electronics control unit, Engine control unit

F	Brake light switch
G85	Steering angle sender
G294	Brake servo pressure sensor
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
T4bc	4-pin connector
T4bn	4-pin connector
T20d	20-pin connector
T52c	52-pin connector
T94	94-pin connector
367	Earth connection 2, in main wiring harness
684	Earth point on front of left side member
B131	Connection (54), in interior wiring harness
B380	Connection 2 (brake pad wear indicator), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine

Brake fluid level warning contact, Front left brake pad wear sender, Data bus diagnostic interface, Dash panel insert, Diagnostic connection



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

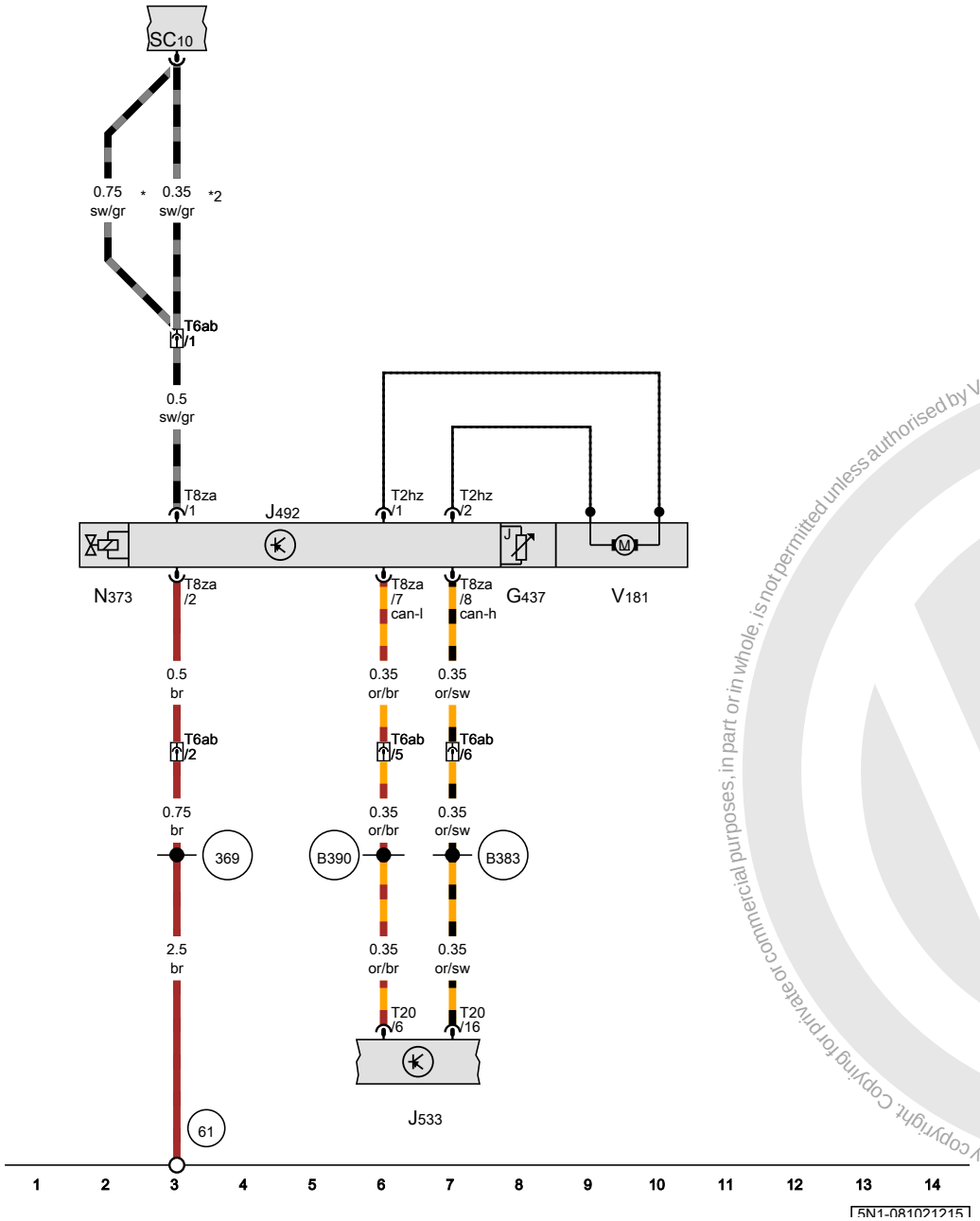
F34	Brake fluid level warning contact
G34	Front left brake pad wear sender
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K	Dash panel insert
K47	ABS warning lamp
K118	Brake system warning lamp
K155	Warning lamp for electronic stabilisation program and TCS
K214	Electric parking brake and handbrake fault warning lamp
K220	Tyre Pressure Loss Indicator warning lamp
T2bb	2-pin connector
T2hw	2-pin connector
T16	16-pin connector
T20d	20-pin connector
T32	32-pin connector
U31	Diagnostic connection
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B379	Connection 1 (brake pad wear indicator), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

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All-wheel drive (4Motion) , (1X1)

From May 2009

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Oil pressure and oil temperature sender, All-wheel drive control unit, Data bus diagnostic interface, Coupling opening control valve, Fuse 10 on fuse holder C, Haldex coupling pump

G437	Oil pressure and oil temperature sender
J492	All-wheel drive control unit
J533	Data bus diagnostic interface
N373	Coupling opening control valve
SC10	Fuse 10 on fuse holder C
T2hz	2-pin connector
T6ab	6-pin connector
T8za	8-pin connector
T20	20-pin connector
V181	Haldex coupling pump
61	Earth point, left C-pillar
369	Earth connection 4, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	From May 2010
*2	Up to May 2010

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
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Airbag systems, not for USA/Canada

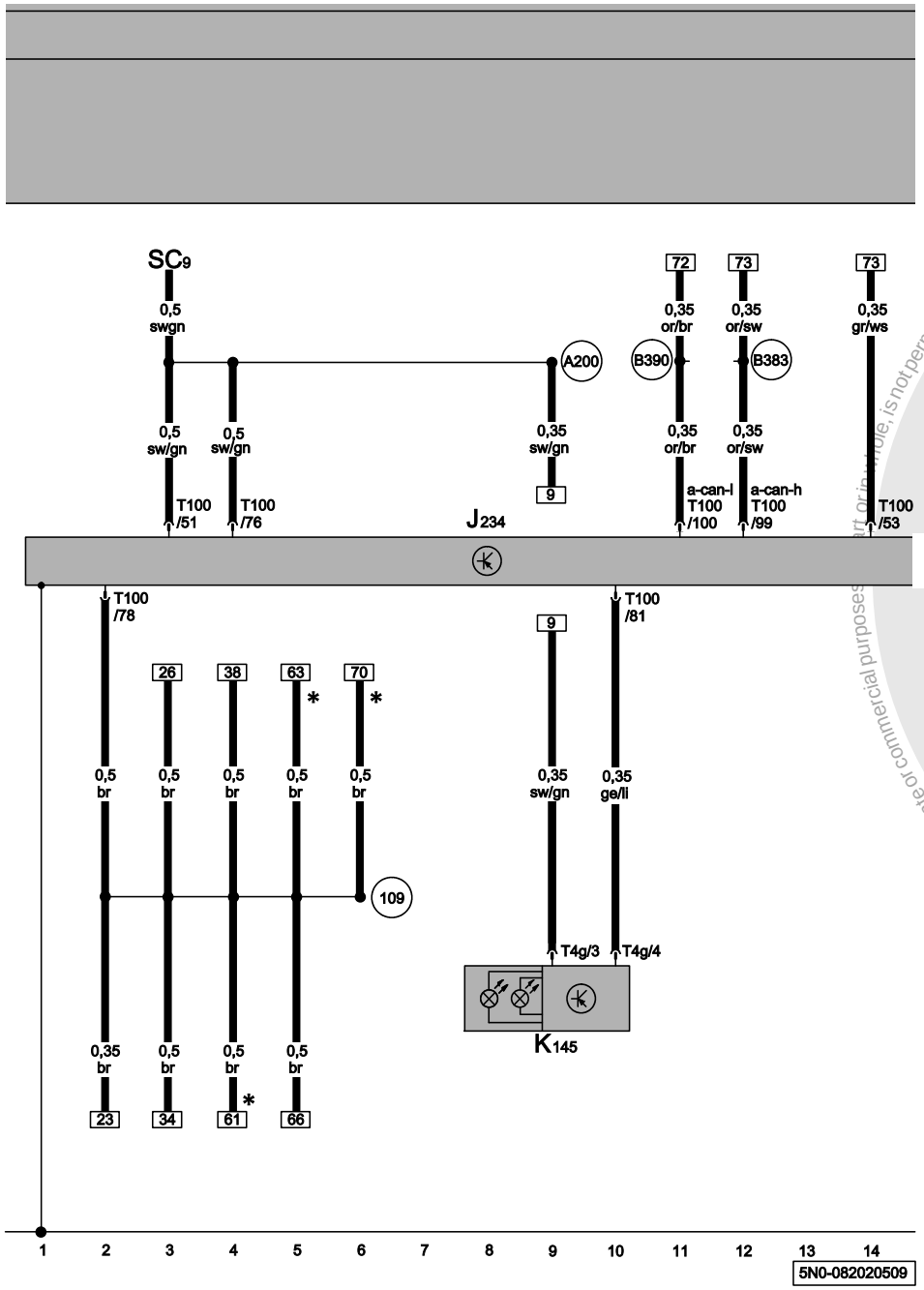
⇒ **Belt tensioner/rear side airbag**
⇒ **Belt latch control on front passenger side**
from May 2009

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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Front passenger side airbag deactivated warning lamp, fuse SC9, airbag control unit

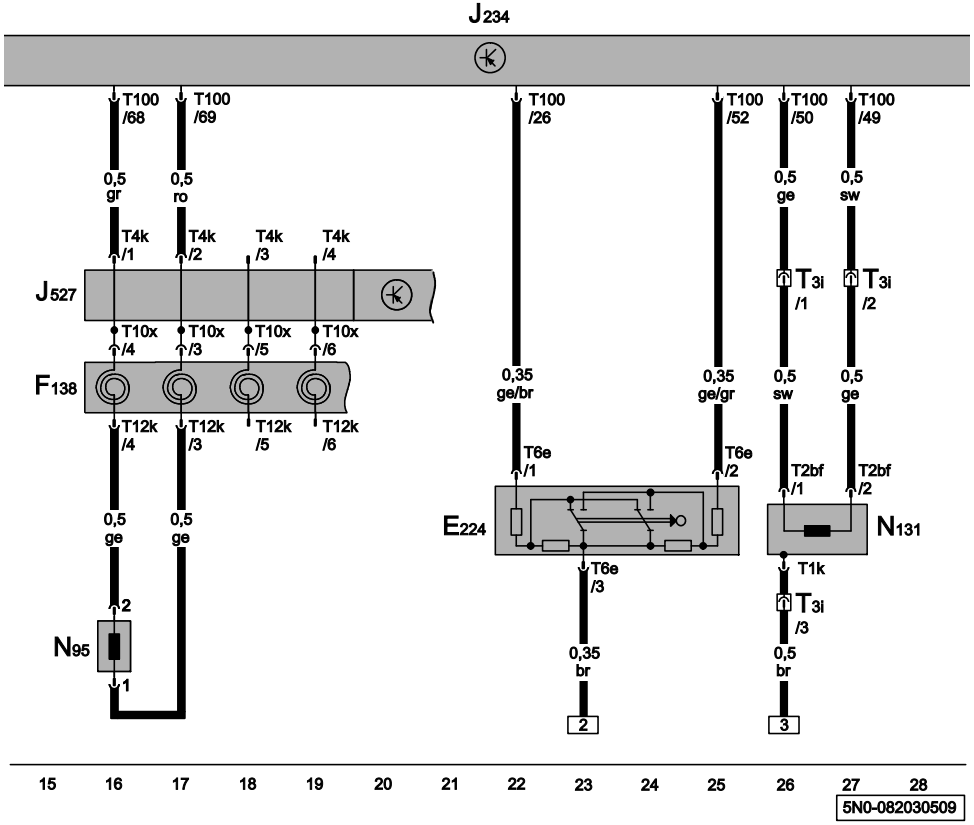
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
SC9	Fuse 9 on fuse holder C
T4g	4-pin connector, black
T100	100-pin connector
109	Earth connection, in airbag wiring harness
A200	Positive connection 5 (15a) in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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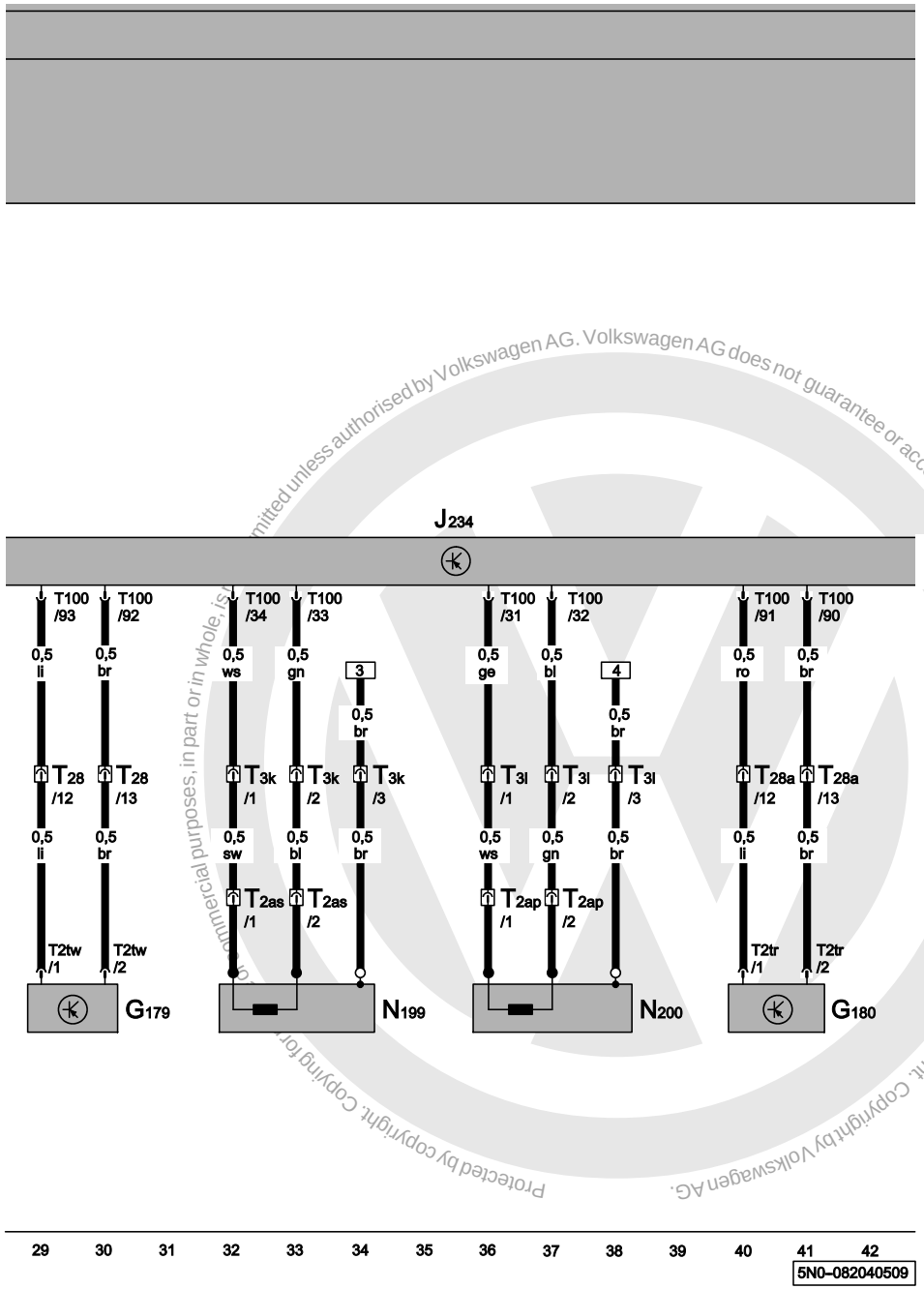
Key switch for deactivation, airbag control unit, steering column electronics control unit, igniter for airbag on driver side/front passenger side

E224	Key operated switch to deactivate front passenger front airbag
F138	Airbag coil connector
J234	Airbag control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
T1k	Single connector
T2bf	2-pin connector, yellow
T3i	3-pin connector, yellow
T4k	4-pin connector
T6e	6-pin connector
T10x	10-pin connector
T12k	12-pin connector
T100	100-pin connector



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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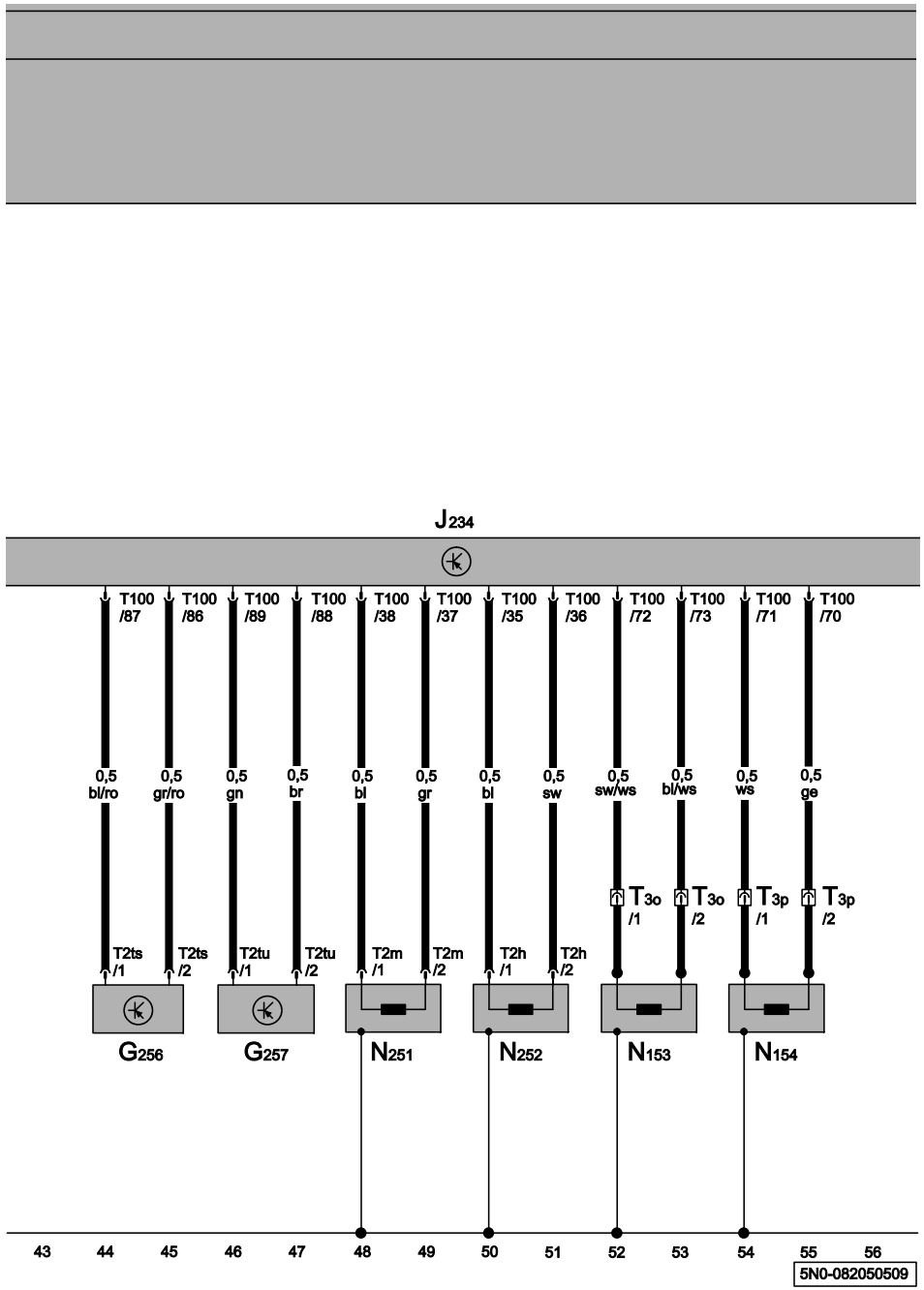
Side airbag crash sensors, airbag control unit, side airbag igniter

G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
J234	Airbag control unit
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
T2ap	2-pin connector, yellow
T2as	2-pin connector, yellow
T2tw	2-pin connector, yellow
T2tr	2-pin connector, yellow
T3k	3-pin connector, yellow
T3l	3-pin connector, yellow
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
T100	100-pin connector

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
rs	=	pink

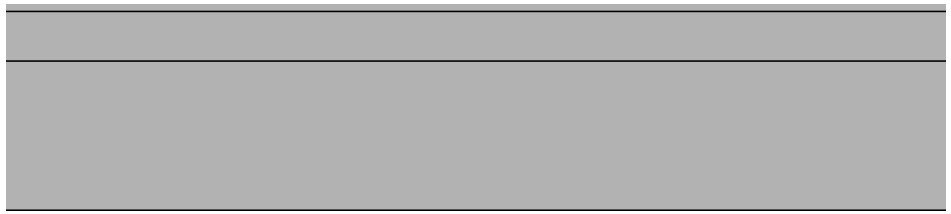
Rear side airbag crash sensor, airbag control unit, igniter for front belt tensioner, igniter for curtain/head airbag

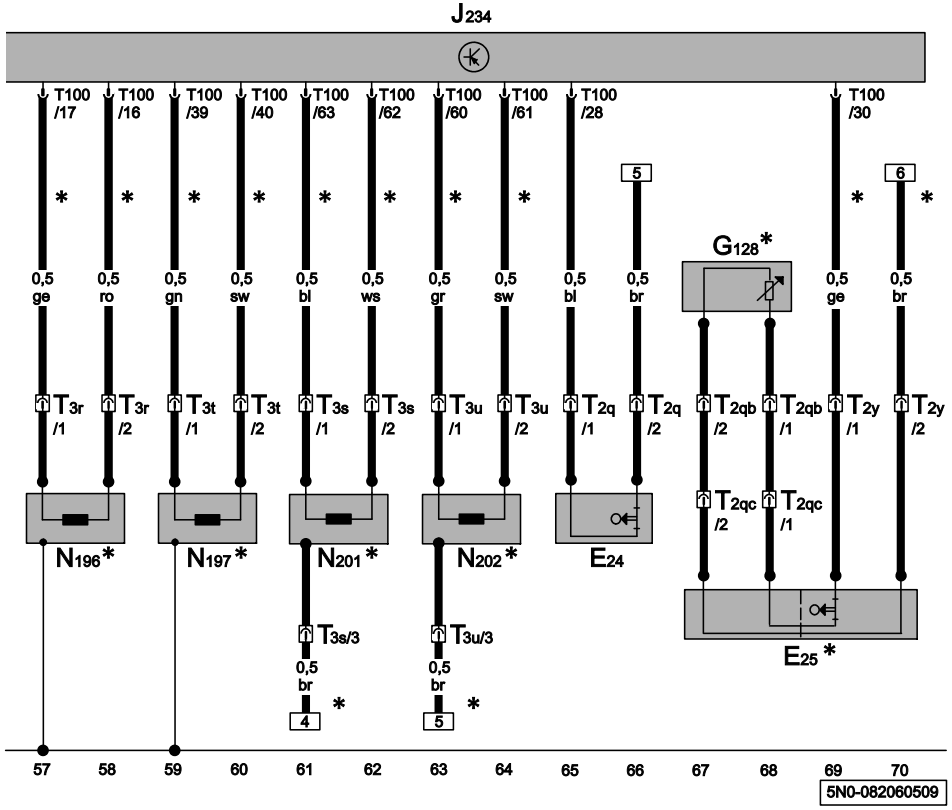
G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on front passenger side
J234	Airbag control unit
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
N251	Driver side curtain/head airbag igniter
N252	Front passenger side curtain/head airbag igniter
T2h	2-pin connector, black
T2m	2-pin connector, black
T2ts	2-pin connector, yellow
T2tu	2-pin connector, yellow
T3o	3-pin connector
T3p	3-pin connector
T100	100-pin connector



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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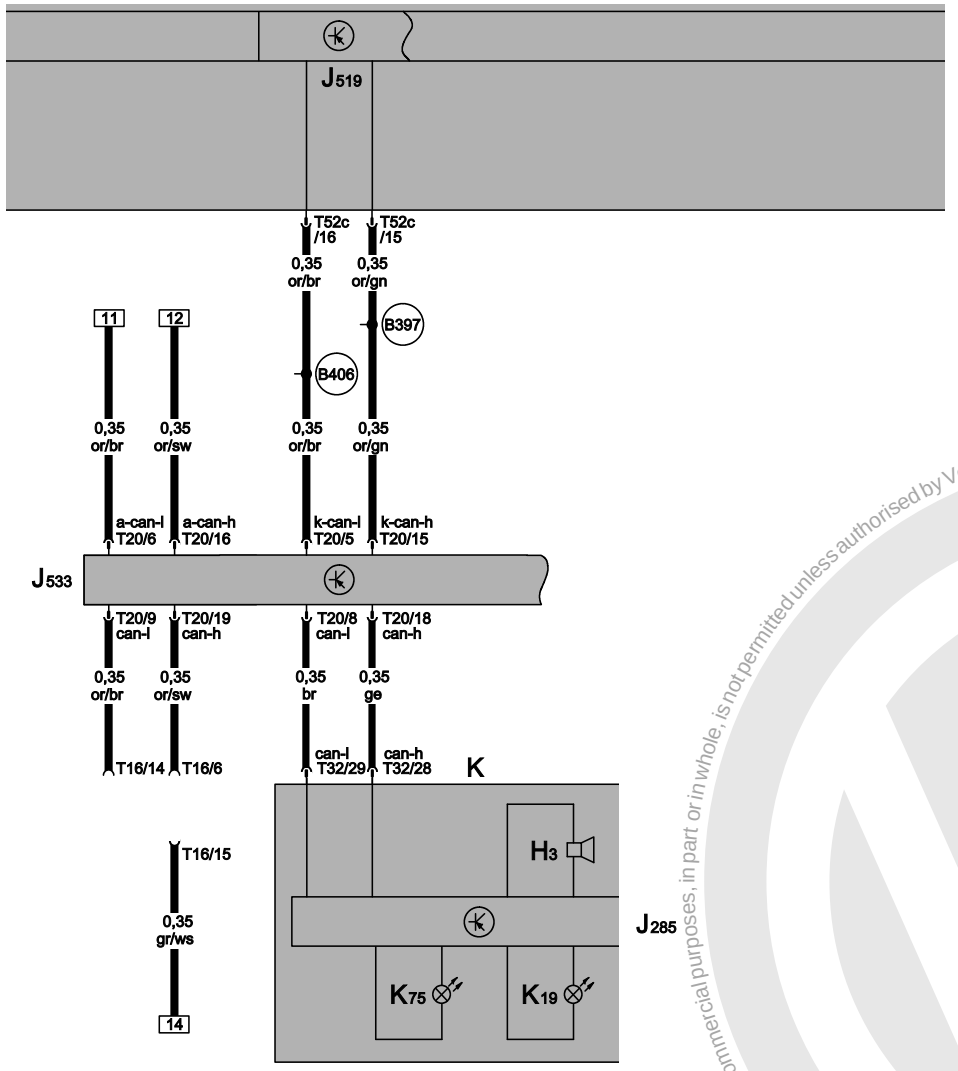


Front passenger side belt switch, driver side belt switch, seat occupied sensor, front passenger side, airbag control unit, igniter for rear belt tensioner, igniter for rear side airbag

E24	Driver side belt switch
E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
J234	Airbag control unit
N196	Rear belt tensioner igniter on driver side
N197	Rear belt tensioner igniter on front passenger side
N201	Rear side airbag igniter on driver side
N202	Rear side airbag igniter on front passenger side
T2q	2-pin connector, black
T2qb	2-pin connector
T2qc	2-pin connector
T2y	2-pin connector, black
T3r	3-pin connector
T3s	3-pin connector
T3t	3-pin connector
T3u	3-pin connector
T100	100-pin connector
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Self-diagnosis connection, data bus diagnosis interface, airbag warning lamp, seat belt warning system warning lamp

H3	Buzzer and gong
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnostic interface
K	Dash panel insert
K19	Seat belt warning system warning lamp
K75	Airbag warning lamp
T16	16-pin connector, on left under dash panel, self-diagnosis connection
T20	20-pin connector, red
T32	32-pin connector
T52c	52-pin connector, brown
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

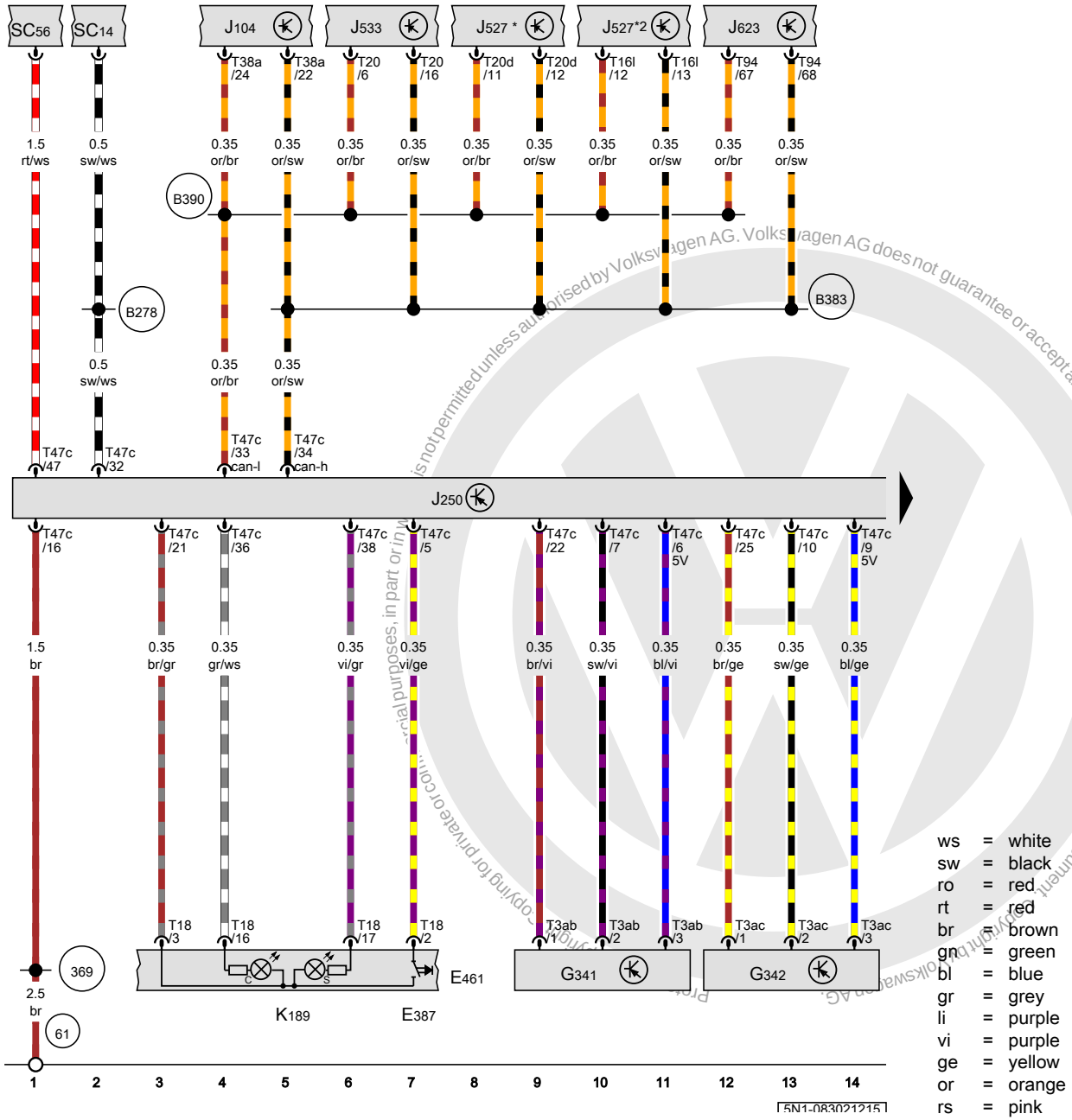
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Dynamic Chassis Control , (2H1)

From May 2009

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li = purple
vi = purple
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Shock absorber damping adjustment button, Operating unit in front of centre console, Front left body acceleration sender, Front right body acceleration sender, ABS control unit, Electronically controlled damping control unit, Steering column electronics control unit, Data bus diagnostic interface, Engine control unit

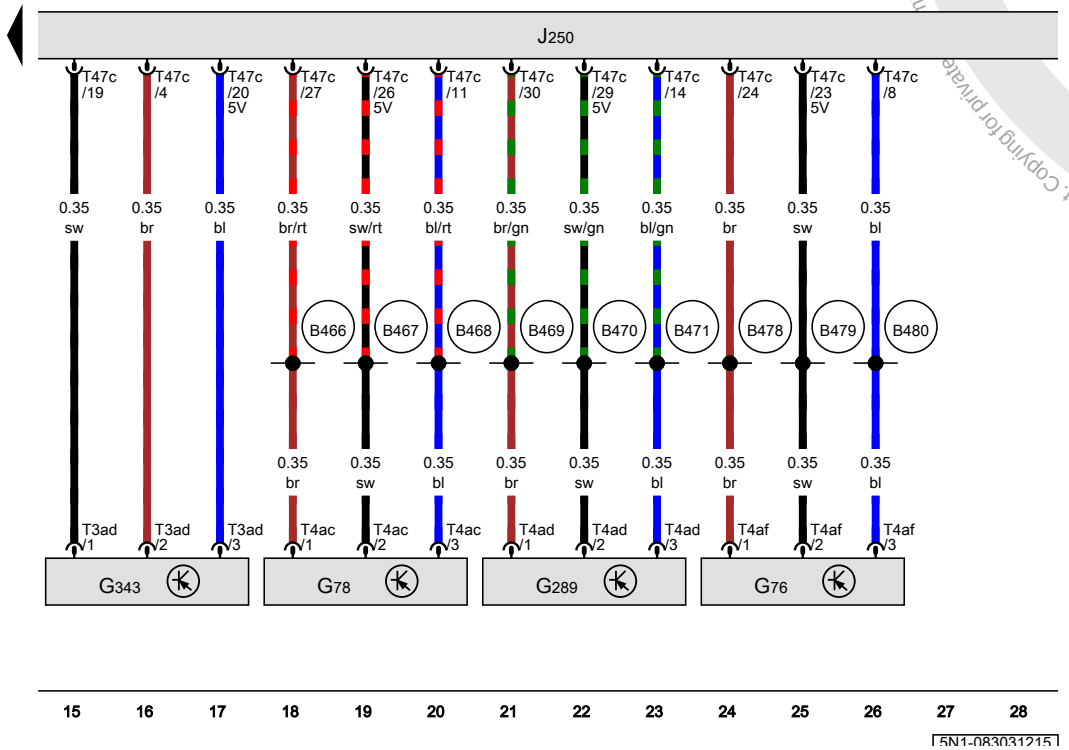
E387	Shock absorber damping adjustment button
E461	Operating unit in front of centre console
G341	Front left body acceleration sender
G342	Front right body acceleration sender
J104	ABS control unit
J250	Electronically controlled damping control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
J623	Engine control unit
K189	Shock absorber damping adjustment warning lamp
SC14	Fuse 14 on fuse holder C
SC56	Fuse 56 on fuse holder C
T3ab	3-pin connector
T3ac	3-pin connector
T16l	16-pin connector
T18	18-pin connector
T20	20-pin connector
T20d	20-pin connector
T38a	38-pin connector
T47c	47-pin connector
T94	94-pin connector
61	Earth point, left C-pillar
369	Earth connection 4, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Up to May 2010
*2	From May 2010

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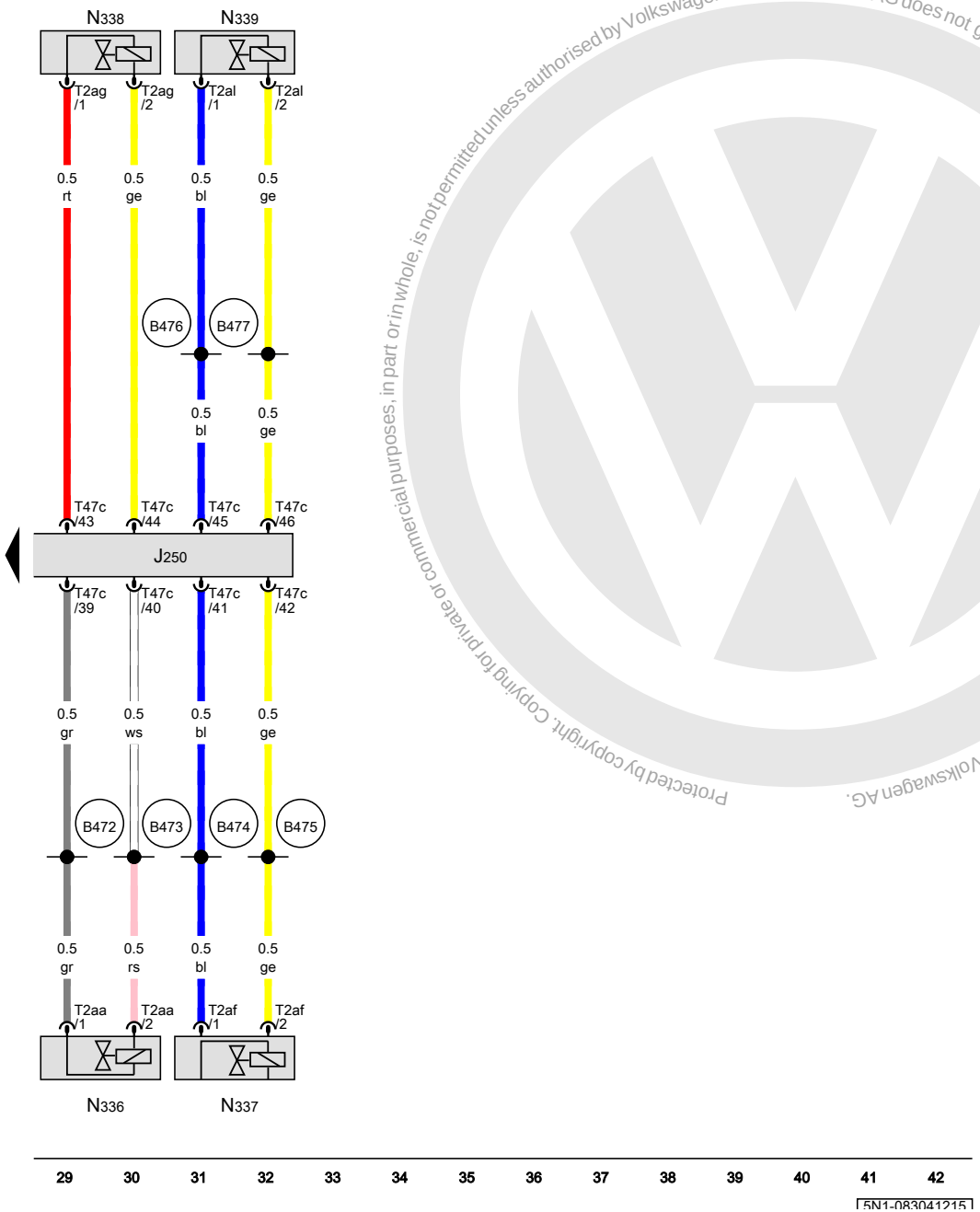
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Rear left vehicle level sender, Front left vehicle level sender, Front right vehicle level sender, Rear body acceleration sender, Electronically controlled damping control unit

G76	Rear left vehicle level sender
G78	Front left vehicle level sender
G289	Front right vehicle level sender
G343	Rear body acceleration sender
J250	Electronically controlled damping control unit
T3ad	3-pin connector
T4ac	4-pin connector
T4ad	4-pin connector
T4af	4-pin connector
T47c	47-pin connector
B466	Connection 2, in main wiring harness
B467	Connection 3, in main wiring harness
B468	Connection 4, in main wiring harness
B469	Connection 5, in main wiring harness
B470	Connection 6, in main wiring harness
B471	Connection 7, in main wiring harness
B478	Connection 14, in main wiring harness
B479	Connection 15, in main wiring harness
B480	Connection 16, in main wiring harness



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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rs	=	pink



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Electronically controlled damping control unit, Front left shock absorber damping adjustment valve, Front right shock absorber damping adjustment valve, Rear left shock absorber damping adjustment valve, Rear right shock absorber damping adjustment valve

J250	Electronically controlled damping control unit
N336	Front left shock absorber damping adjustment valve
N337	Front right shock absorber damping adjustment valve
N338	Rear left shock absorber damping adjustment valve
N339	Rear right shock absorber damping adjustment valve
T2aa	2-pin connector
T2af	2-pin connector
T2ag	2-pin connector
T2al	2-pin connector
T47c	47-pin connector
B472	Connection 8, in main wiring harness
B473	Connection 9, in main wiring harness
B474	Connection 10, in main wiring harness
B475	Connection 11, in main wiring harness
B476	Connection 12, in main wiring harness
B477	Connection 13, in main wiring harness

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gr	=	grey
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ge	=	yellow
or	=	orange
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Airbag systems for USA/Canada

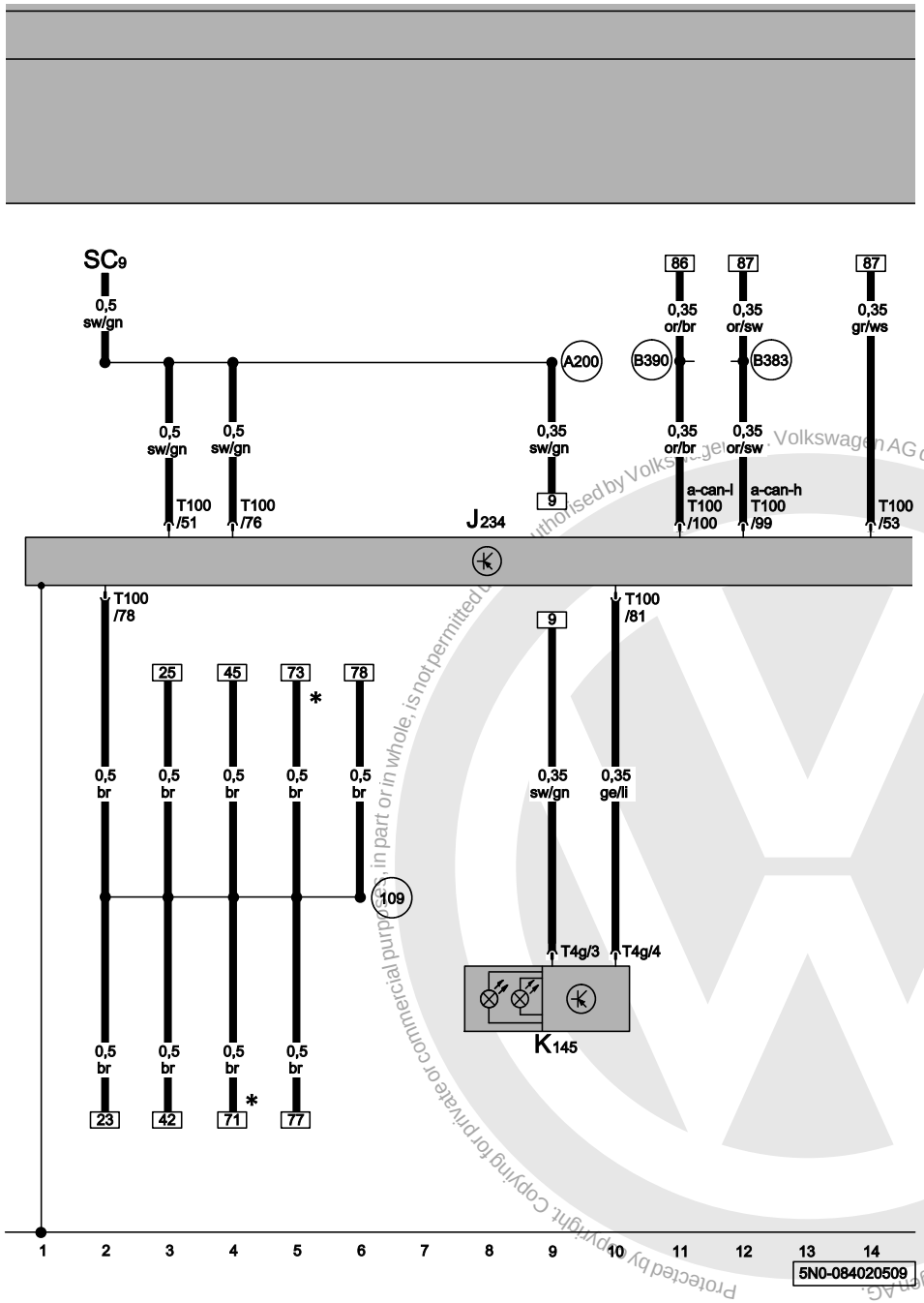
⇒ **Belt tensioner/rear side airbag**
from May 2009

Notes:
For information concerning
- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

⇒ Overview of Fitting Locations!
For information concerning
- Fault Finding Programs

⇒ Guided Fault Finding

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Front passenger side airbag deactivated warning lamp, fuse SC9, airbag control unit

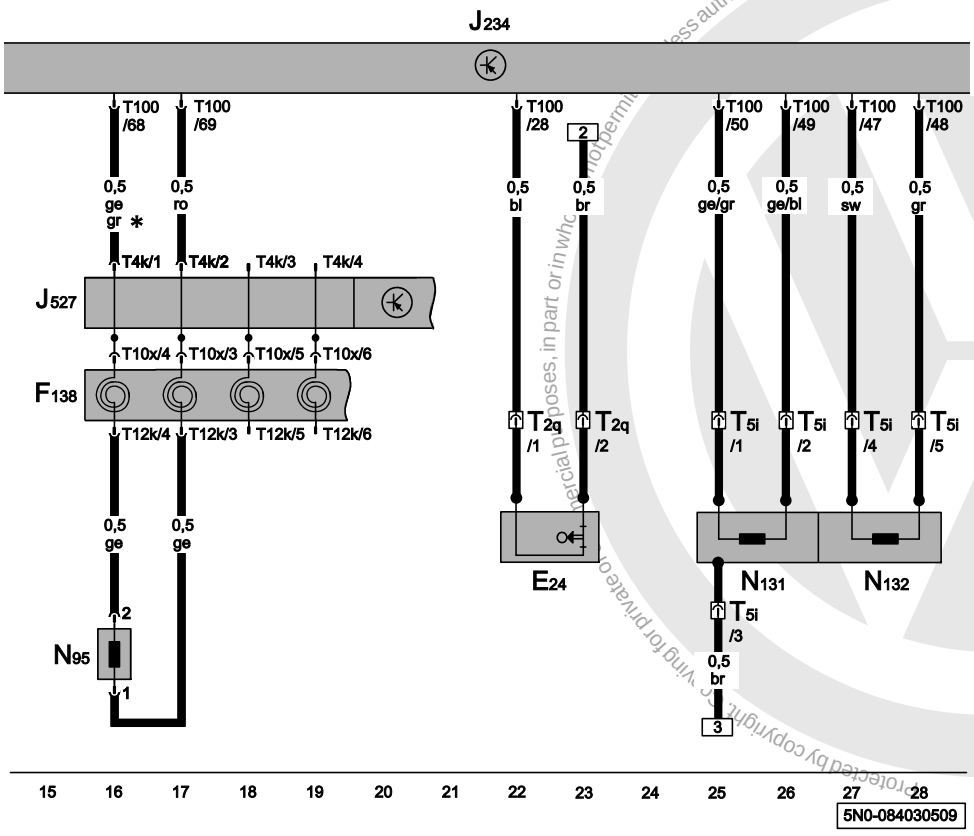
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
SC9	Fuse 9 on fuse holder C
T4g	4-pin connector, black
T100	100-pin connector
109	Earth connection, in airbag wiring harness
A200	Positive connection 5 (15a) in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Driver side belt switch, airbag control unit, steering column electronics control unit, igniter for driver airbag

E24	Driver side belt switch
F138	Airbag coil connector
J234	Airbag control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
N132	Front passenger side airbag igniter 2
T2q	2-pin connector, black
T4k	4-pin connector
T5i	5-pin connector, yellow
T10x	10-pin connector
T12k	12-pin connector
T100	100-pin connector

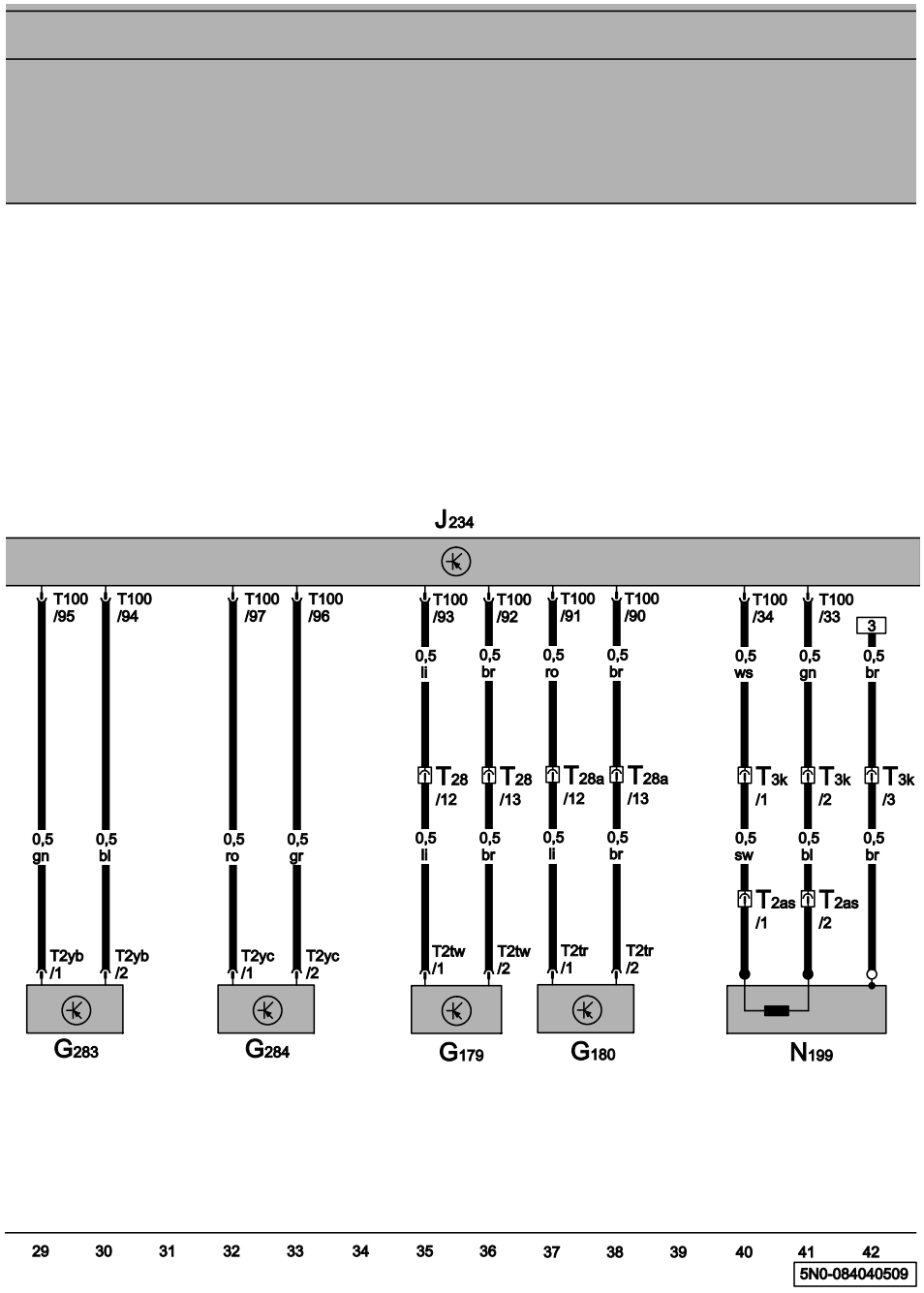


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Front airbag crash sensors for driver/front passenger side, side airbag crash sensors on driver side/front passenger side, airbag control unit, igniter for side airbag on driver side

G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
G283	Front airbag crash sensor for driver side
G284	Front airbag crash sensor for front passenger side
N199	Side airbag igniter on driver side
J234	Airbag control unit
T2as	2-pin connector, yellow
T2tr	2-pin connector, yellow
T2tw	2-pin connector, yellow
T3k	3-pin connector, yellow
T2yb	2-pin connector, yellow
T2yc	2-pin connector, yellow
T28	28-pin connector, behind lower part of left A-pillar trim
T28a	28-pin connector, behind lower part of right A-pillar trim
T100	100-pin connector

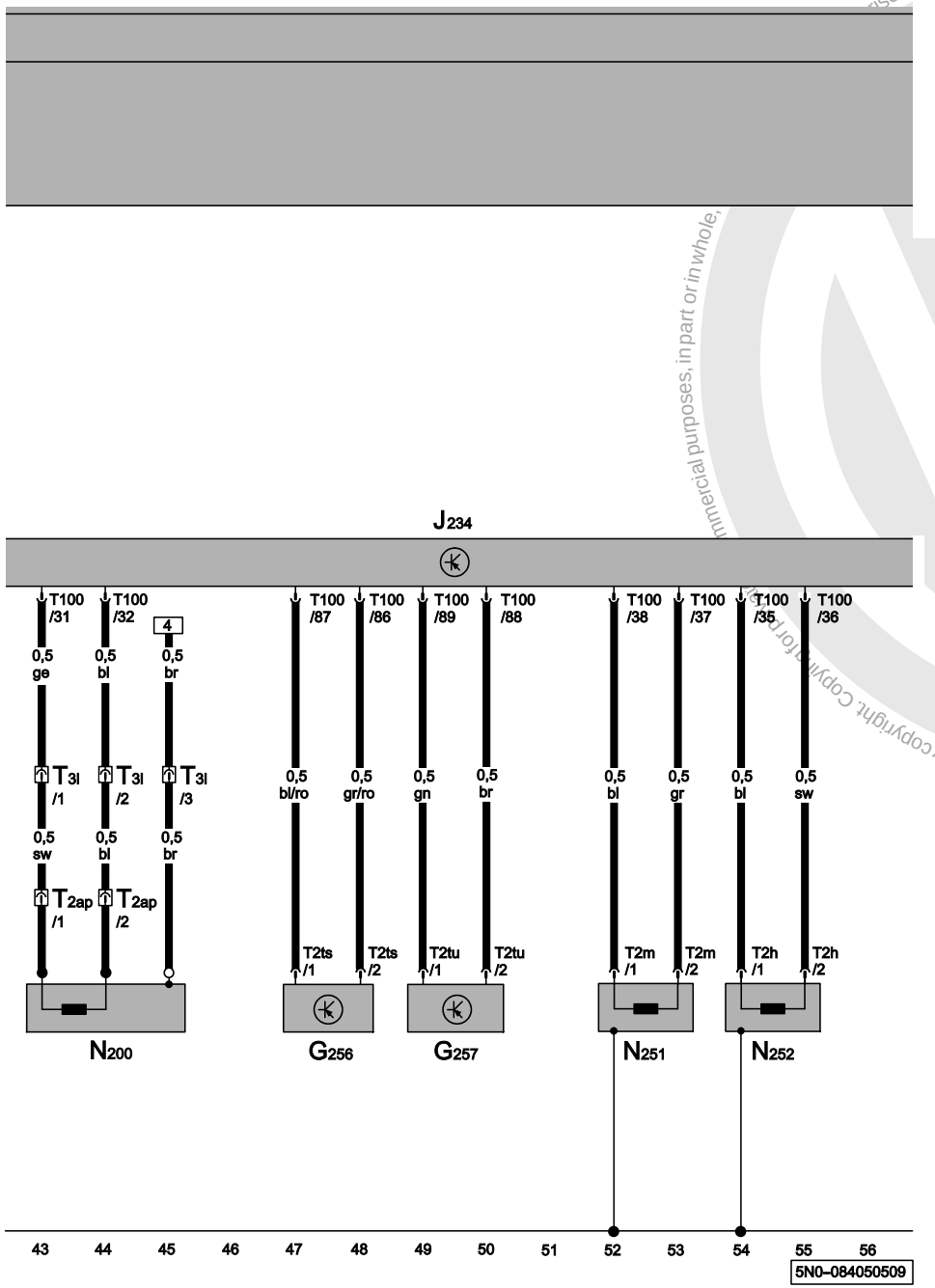


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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

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Rear side airbag crash sensors, airbag control unit, igniter for curtain/head airbag, igniter for side airbag on front passenger side

G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on front passenger side
J234	Airbag control unit
N200	Side airbag igniter on front passenger side
N251	Driver side curtain/head airbag igniter
N252	Front passenger side curtain/head airbag igniter
T2ap	2-pin connector, yellow
T2h	2-pin connector, black
T2m	2-pin connector, black
T2ts	2-pin connector, yellow
T2tu	2-pin connector, yellow
T3l	3-pin connector, yellow
T100	100-pin connector

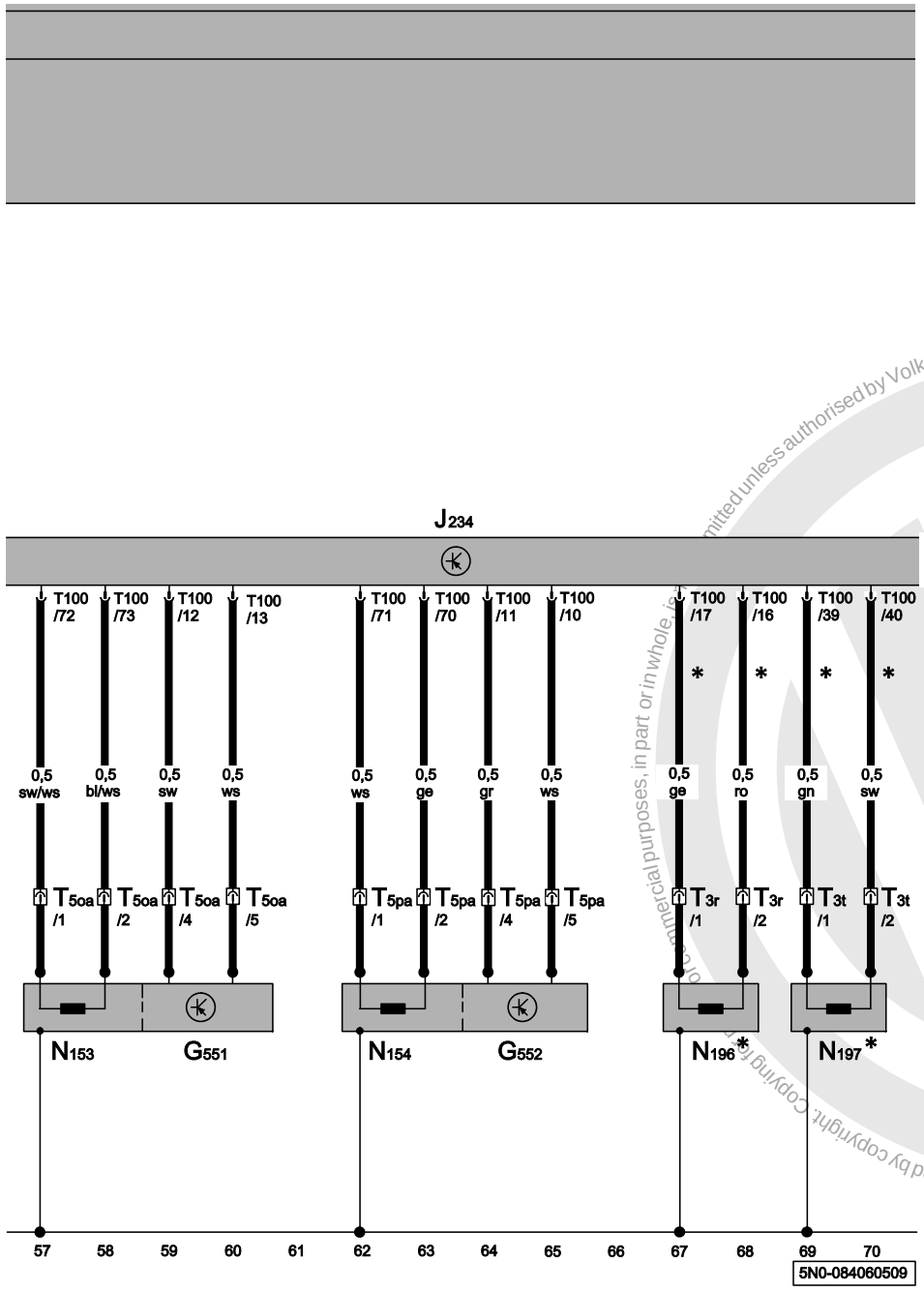


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gn	=	green
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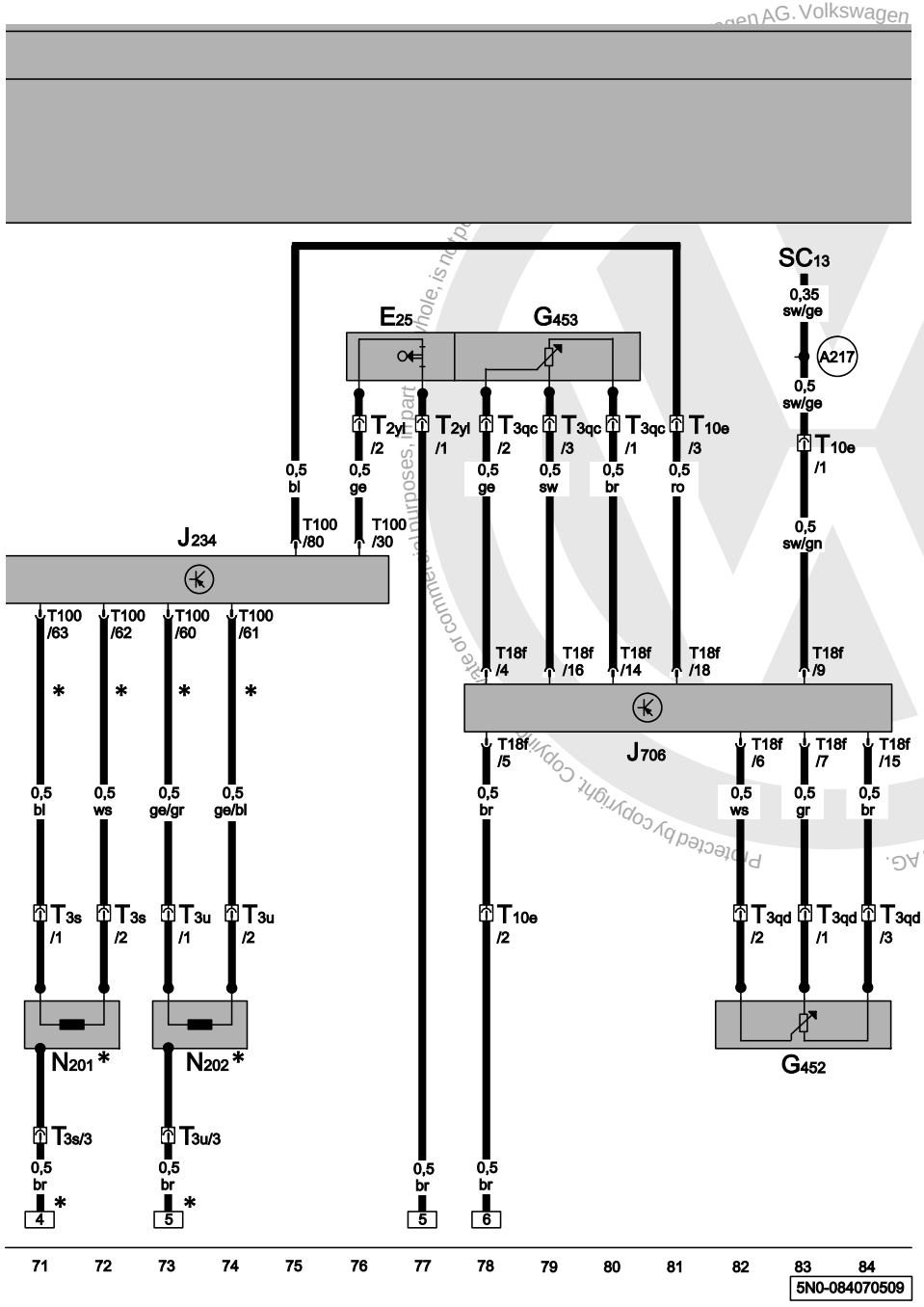
Belt force limiter, airbag control unit, igniter for rear belt tensioner, igniter for front belt tensioner

G551	Driver side belt force limiter
G552	Front passenger side belt force limiter
J234	Airbag control unit
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
N196	Rear belt tensioner igniter on driver side
N197	Rear belt tensioner igniter on front passenger side
T3r	3-pin connector
T3t	3-pin connector
T5oa	5-pin connector, yellow
T5pa	5-pin connector, yellow
T100	100-pin connector
*	Depends on equipment



ws = white
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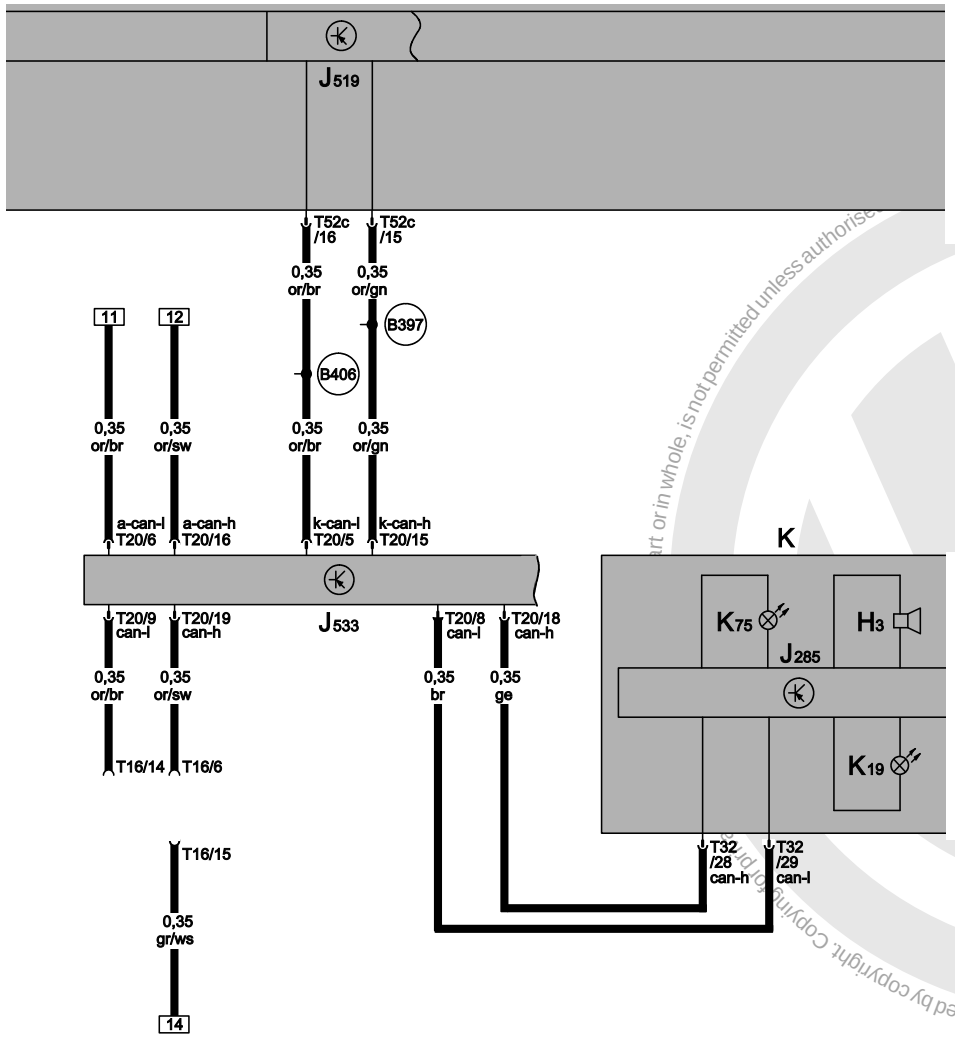


Pressure sensor, belt force sensor and seat occupied detection control unit, belt switch front passenger side, airbag control unit, igniter for rear side airbag

E25	Front passenger side belt switch
G452	Pressure sensor for seat occupied recognition
G453	Seat belt force sensor for seat occupied recognition
J234	Airbag control unit
J706	Seat occupied recognition control unit
N201	Rear side airbag igniter on driver side
N202	Rear side airbag igniter on front passenger side
SC13	Fuse 13 on fuse holder C
T2yl	2-pin connector
T3qc	3-pin connector
T3qd	3-pin connector
T3s	3-pin connector
T3u	3-pin connector
T10e	10-pin connector
T18f	18-pin connector
T100	100-pin connector
A217	Positive connection 8 (15a) in dash panel wiring harness
	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Self-diagnosis connection, data bus diagnosis interface, airbag warning lamp, seat belt warning system warning lamp

H3	Buzzer and gong
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnosis interface, in left footwell, near centre console
K	Dash panel insert
K19	Seat belt warning system warning lamp
K75	Airbag warning lamp
T16	16-pin connector, on left under dash panel, self-diagnosis connection
T20	20-pin connector, red
T32	32-pin connector
T52c	52-pin connector, brown
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

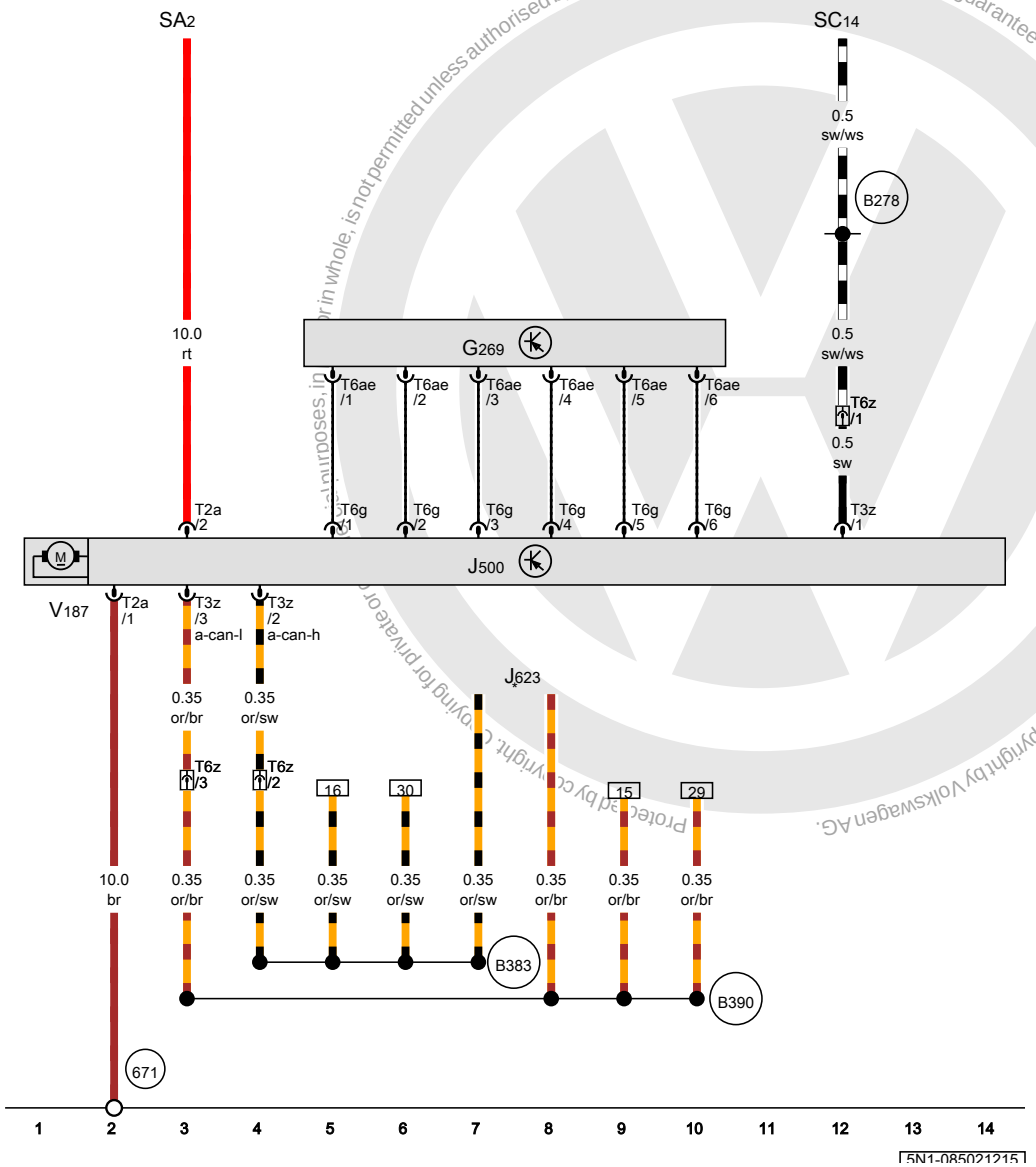
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Power assisted steering , (L0L)

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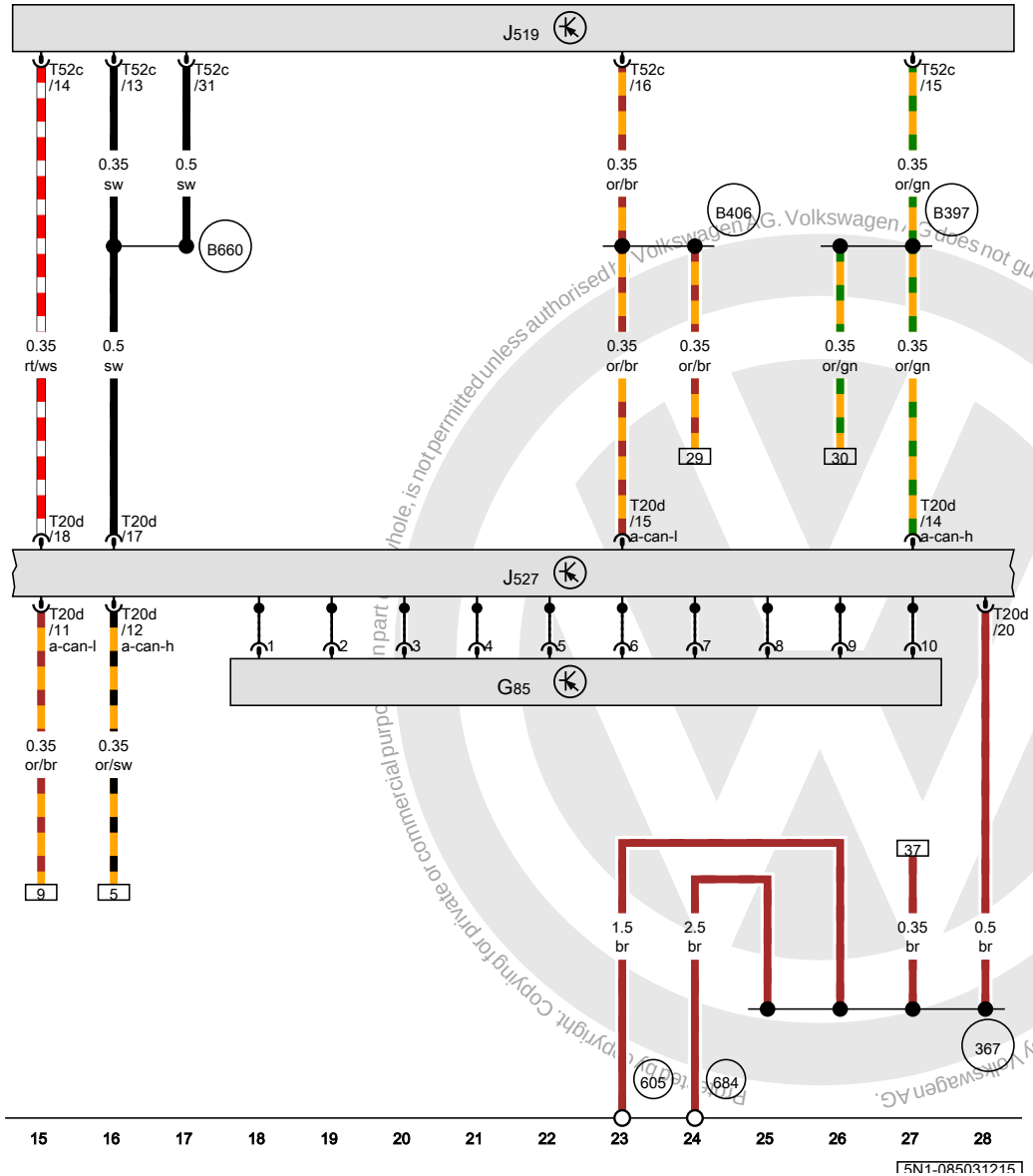
Steering moment sender, Power steering control unit, Electromechanical power steering motor

G269	Steering moment sender
J500	Power steering control unit
J623	Engine control unit
SA2	Fuse 2 in fuse holder A
SC14	Fuse 14 on fuse holder C
T2a	2-pin connector
T3z	3-pin connector
T6ae	6-pin connector
T6g	6-pin connector
T6z	6-pin connector
V187	Electromechanical power steering motor
671	Earth point 1, on front of left longitudinal member
B278	Positive connection 2 (15a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Steering angle sender, Onboard supply control unit, Steering column electronics control unit

G85	Steering angle sender
J519	Onboard supply control unit
J527	Steering column electronics control unit
T20d	20-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness

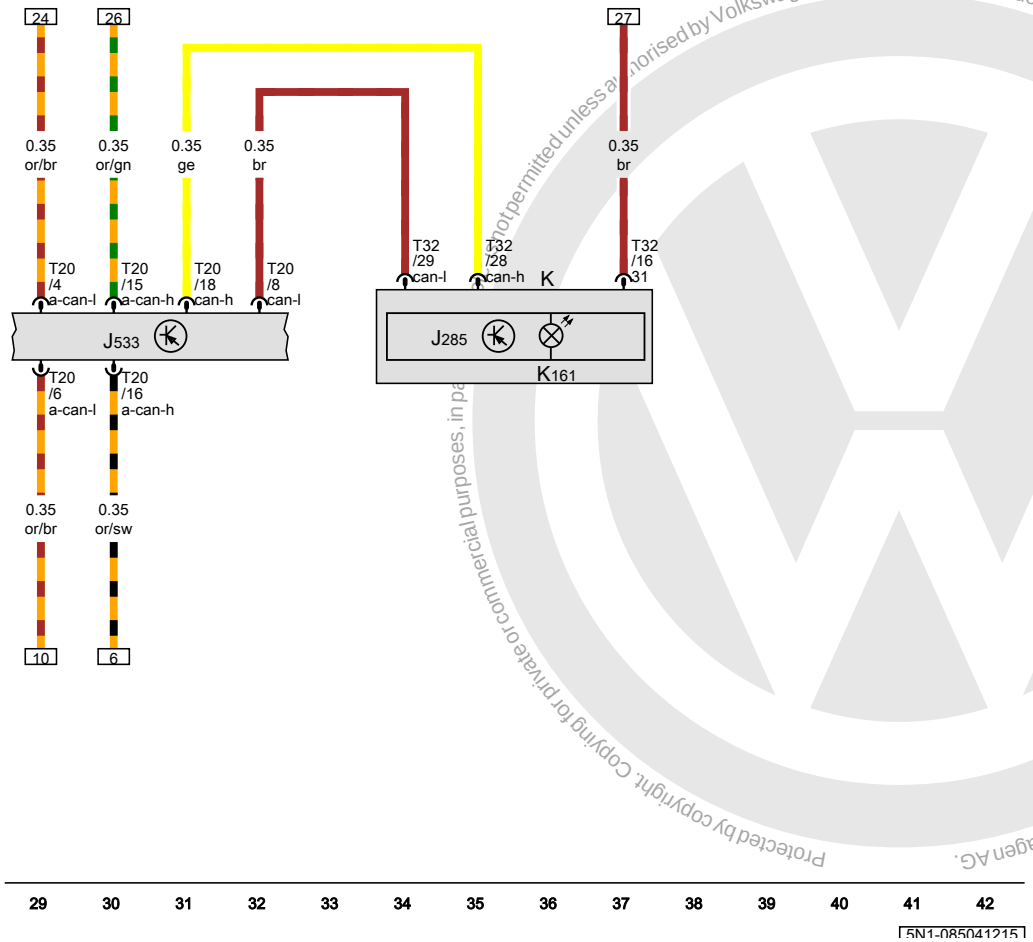


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Control unit in dash panel insert, Data bus diagnostic interface, Dash panel insert, Electromechanical power steering warning lamp

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K	Dash panel insert
K161	Electromechanical power steering warning lamp
T20	20-pin connector
T32	32-pin connector



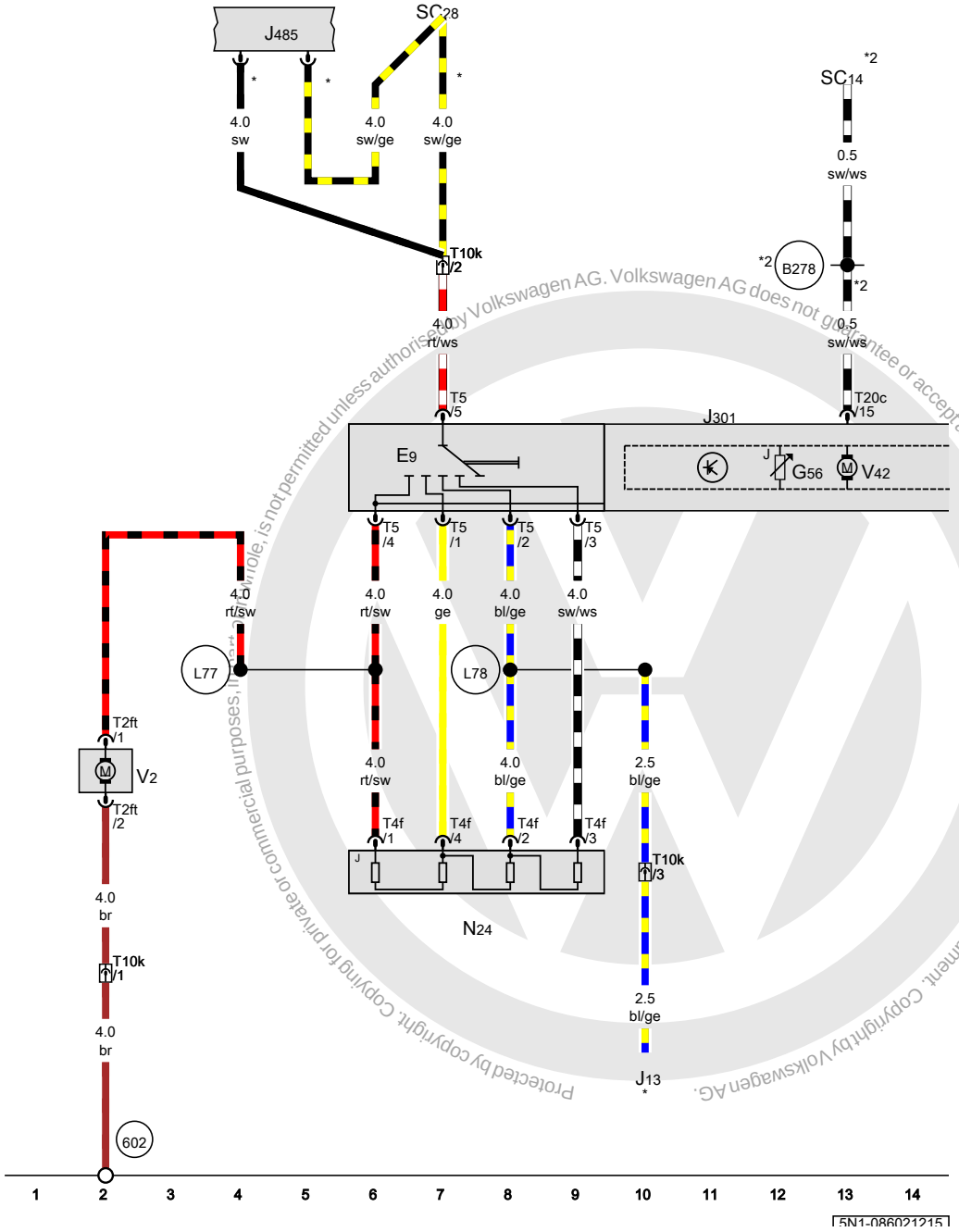
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Climatic , (9AP)

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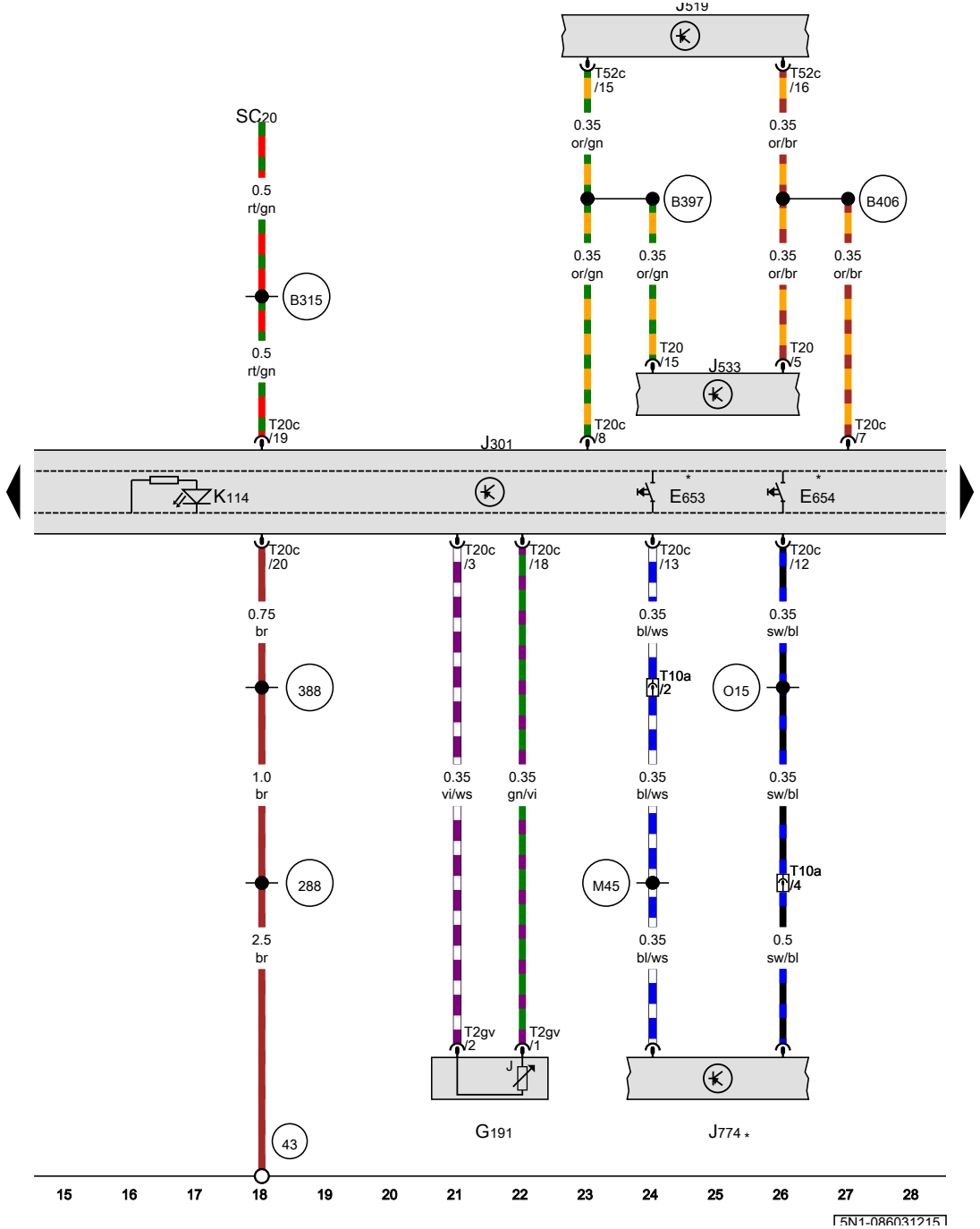


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Fresh air blower switch, Air conditioning system control unit, Auxiliary heater operation relay, Fresh air blower series resistor with overheating fuse, Fresh air blower

E9	Fresh air blower switch
G56	Dash panel temperature sensor
J13	Fresh air blower relay
J301	Air conditioning system control unit
J485	Auxiliary heater operation relay
N24	Fresh air blower series resistor with overheating fuse
SC14	Fuse 14 on fuse holder C
SC28	Fuse 28 on fuse holder C
T2ft	2-pin connector
T4f	4-pin connector
T5	5-pin connector
T10k	10-pin connector
T20c	20-pin connector
V2	Fresh air blower
V42	Temperature sensor blower
602	Earth point, in front left footwell
B278	Positive connection 2 (15a) in main wiring harness
L77	Connection, in fresh air blower wiring harness
L78	Connection 1, in fresh air blower wiring harness
*	According to equipment
*2	Up to May 2010



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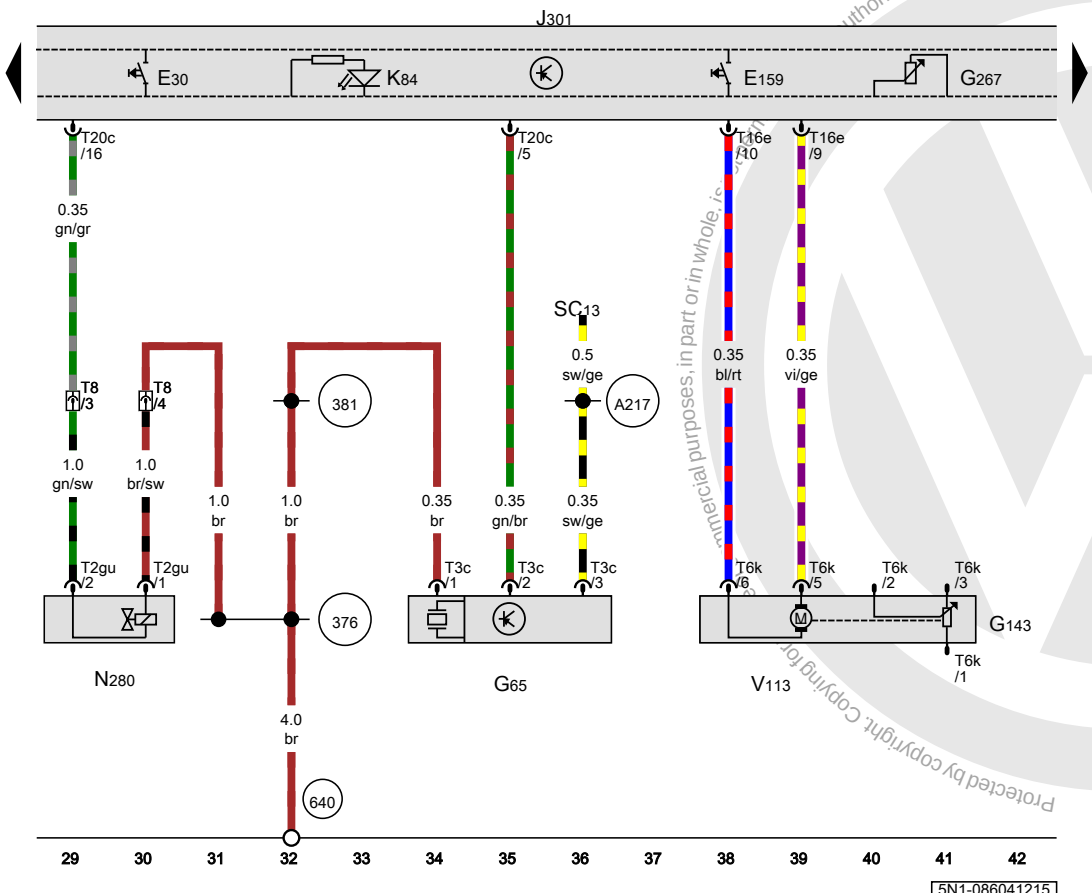
Centre vent temperature sender, Air conditioning system control unit, Onboard supply control unit, Data bus diagnostic interface, Heated front seats control unit

E653	Button for left seat heating
E654	Button for right seat heating
G191	Centre vent temperature sender
J301	Air conditioning system control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J774	Heated front seats control unit
K114	Fresh air and air recirculation warning lamp
SC20	Fuse 20 on fuse holder C
T2gv	2-pin connector
T10a	10-pin connector
T20	20-pin connector
T20c	20-pin connector
T52c	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 23, in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
M45	Connection 5, in driver seat wiring harness
O15	Connection 4, in seat heating wiring harness
*	According to equipment

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High-pressure sender, Air conditioning system control unit, Air conditioner compressor regulating valve, Air recirculation flap control motor

E30	Air conditioning system switch
E159	Fresh air and air recirculation flap switch
G65	High-pressure sender
G143	Potentiometer for air recirculation flap control motor
G267	Potentiometer for temperature selection rotary knob
J301	Air conditioning system control unit
K84	Air conditioning system warning lamp
N280	Air conditioner compressor regulating valve
SC13	Fuse 13 on fuse holder C
T2gu	2-pin connector
T3c	3-pin connector
T6k	6-pin connector
T8	8-pin connector
T16e	16-pin connector
T20c	20-pin connector
V113	Air recirculation flap control motor
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
A217	Positive connection 8 (15a) in dash panel wiring harness

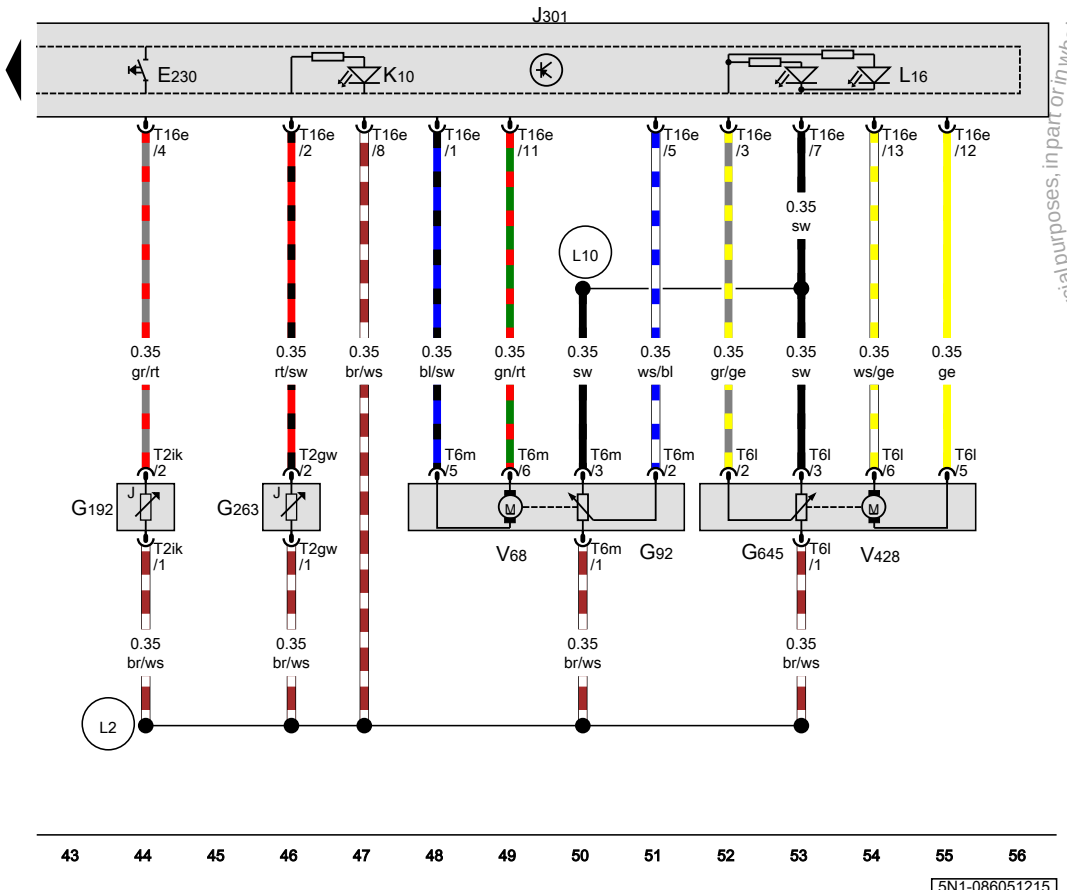


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Footwell vent temperature sender, Evaporator output temperature sender, Air conditioning system control unit, Temperature flap control motor

E230	Heated rear window button
G92	Potentiometer for temperature flap control motor
G192	Footwell vent temperature sender
G263	Evaporator output temperature sender
G645	Potentiometer for air distribution flap control motor
J301	Air conditioning system control unit
K10	Heated rear window warning lamp
L16	Fresh air regulator illumination bulb
T2gw	2-pin connector
T2ik	2-pin connector
T6l	6-pin connector
T6m	6-pin connector
T16e	16-pin connector
V68	Temperature flap control motor
V428	Air distribution flap control motor
L2	Connection in air conditioning system wiring harness
L10	Connection 2, in air conditioning system wiring harness



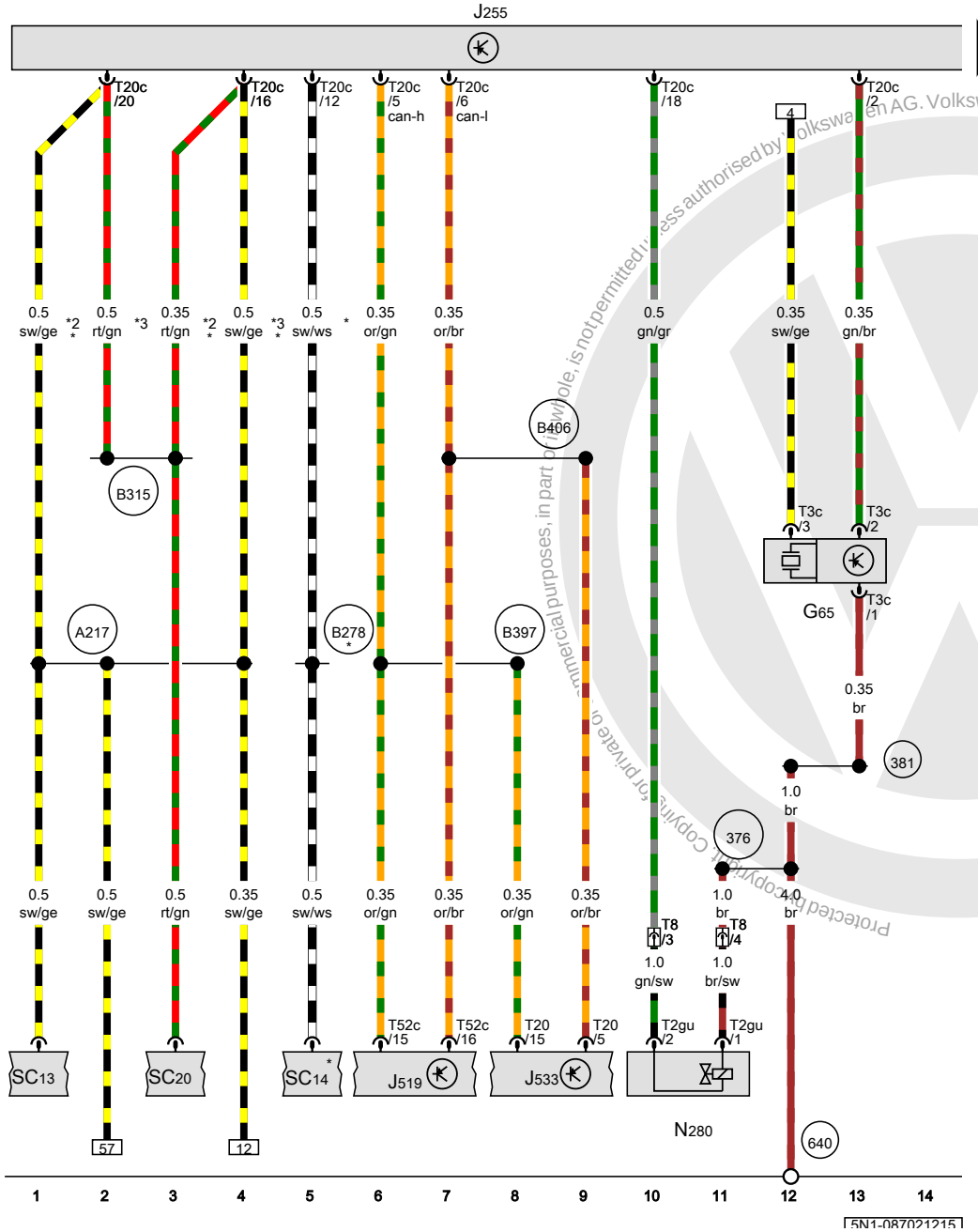
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Climatronic , (9AK),(9AM)

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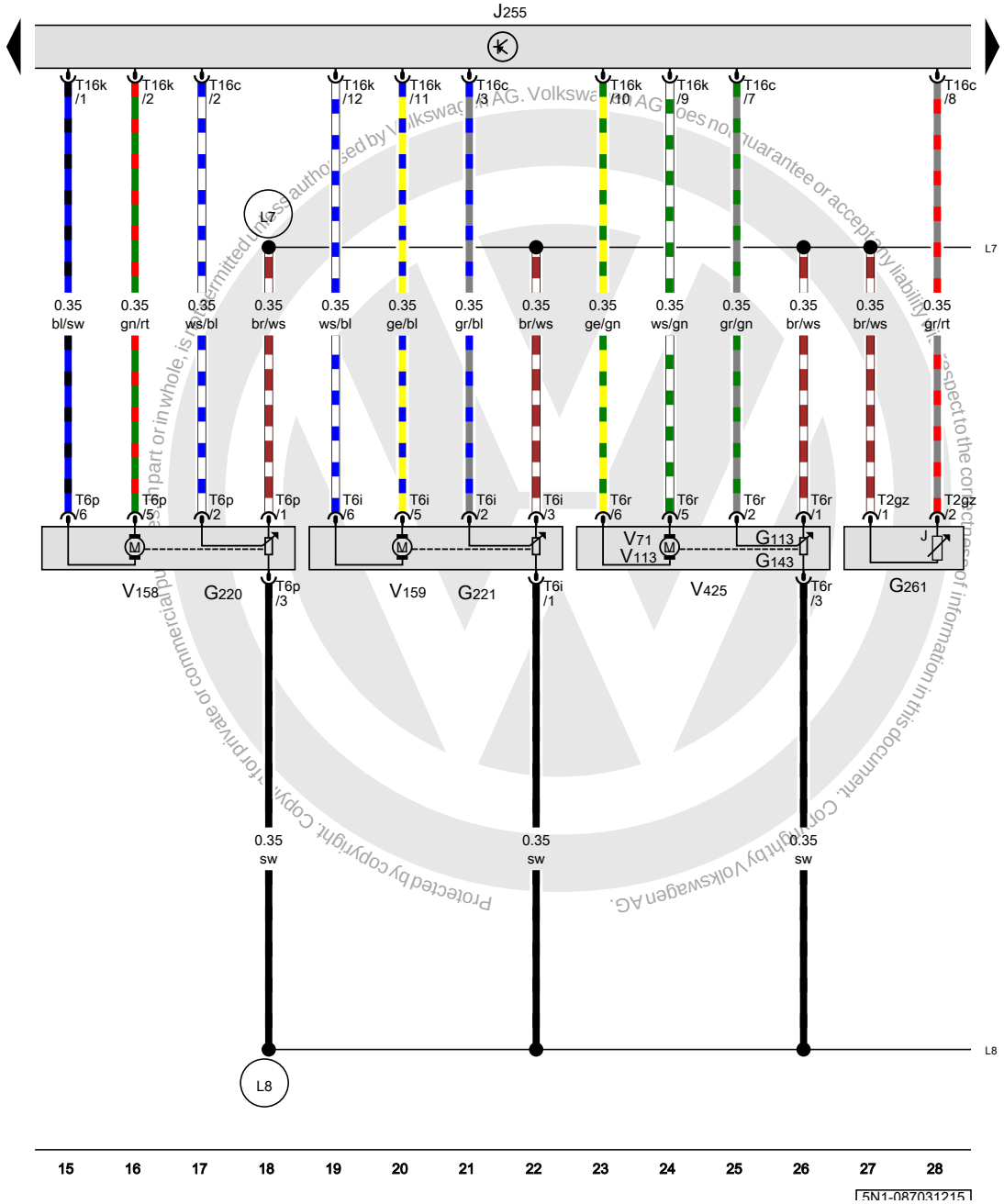


High-pressure sender, Climatronic control unit, Onboard supply control unit, Data bus diagnostic interface, Air conditioner compressor regulating valve

G65	High-pressure sender
J255	Climatronic control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
N280	Air conditioner compressor regulating valve
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
T2gu	2-pin connector
T3c	3-pin connector
T8	8-pin connector
T20	20-pin connector
T20c	20-pin connector
T52c	52-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Up to May 2010
*2	Only models with no auxiliary coolant heater
*3	Only models with auxiliary coolant heater

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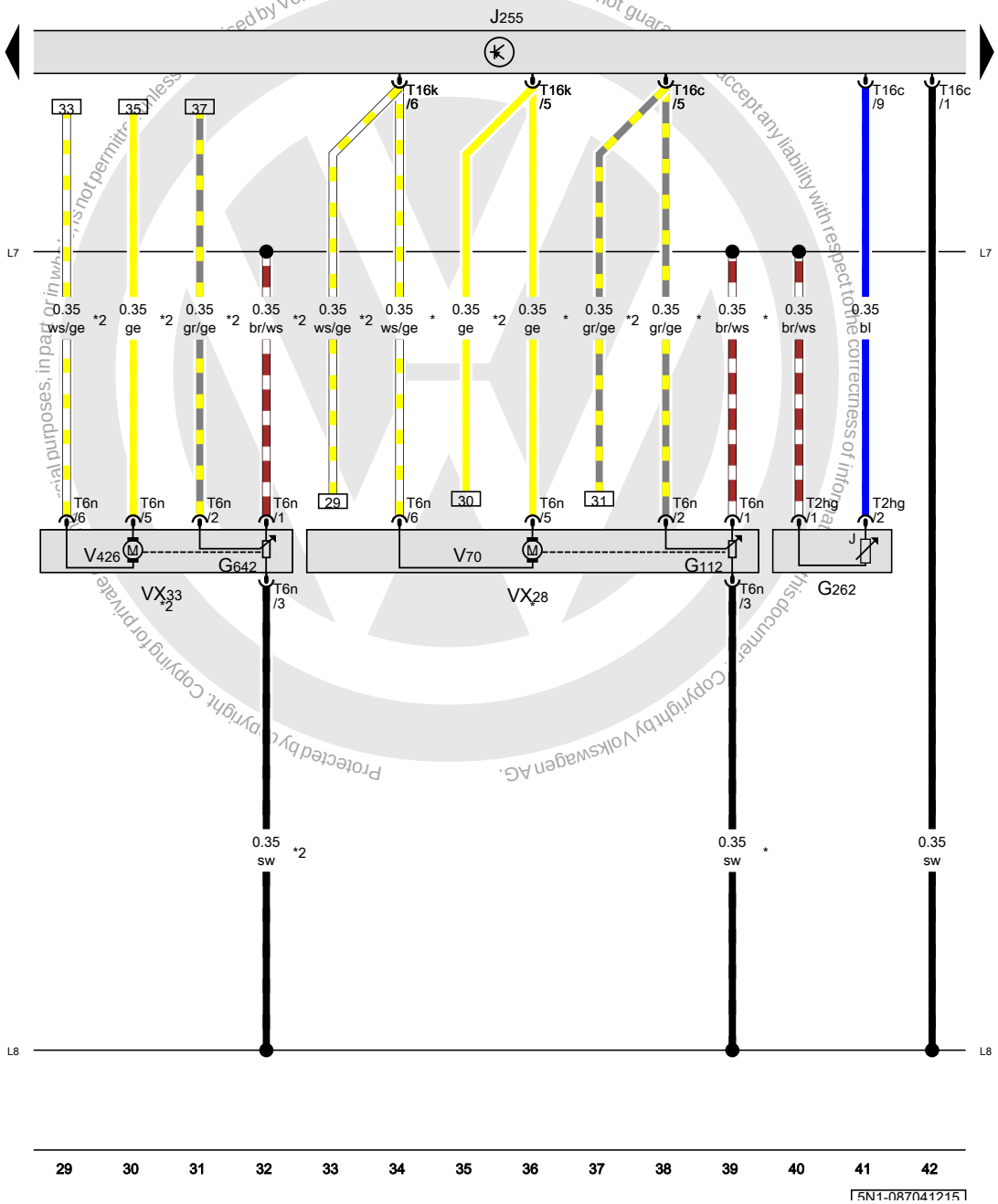


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Left footwell vent temperature sender, Climatronic control unit, Left temperature flap control motor, Right temperature flap control motor, Fresh air/air recirculation, air flow flap control motor

G113	Potentiometer for air flow flap control motor
G143	Potentiometer for air recirculation flap control motor
G220	Potentiometer for left temperature flap control motor
G221	Potentiometer for right temperature flap control motor
G261	Left footwell vent temperature sender
J255	Climatronic control unit
T2gz	2-pin connector
T6i	6-pin connector
T6p	6-pin connector
T6r	6-pin connector
T16c	16-pin connector
T16k	16-pin connector
V71	Air flow flap control motor
V113	Air recirculation flap control motor
V158	Left temperature flap control motor
V159	Right temperature flap control motor
V425	Fresh air/air recirculation, air flow flap control motor
L7	Connection 3, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness

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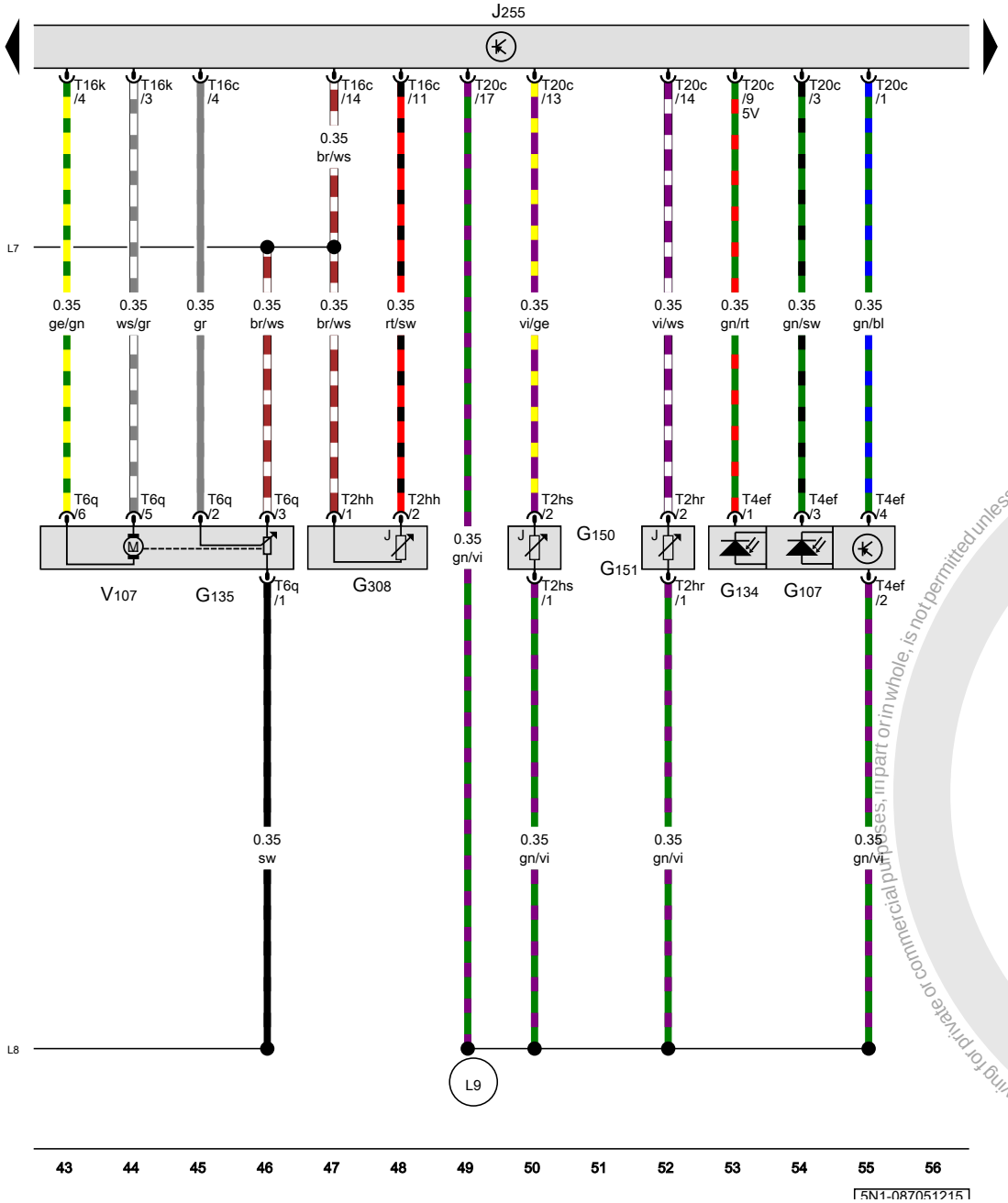


Right footwell vent temperature sender, Climatronic control unit, Centre flap

G112	Potentiometer for centre flap control motor
G262	Right footwell vent temperature sender
G642	Potentiometer for front air distribution flap control motor
J255	Climatronic control unit
T2hg	2-pin connector
T6n	6-pin connector
T16c	16-pin connector
T16k	16-pin connector
VX28	Centre flap
VX33	Air distribution flap
V70	Centre flap control motor
V426	Front air distribution flap control motor
L7	Connection 3, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness
*	Up to May 2011
*2	From May 2011

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sw	=	black
ro	=	red
rt	=	red
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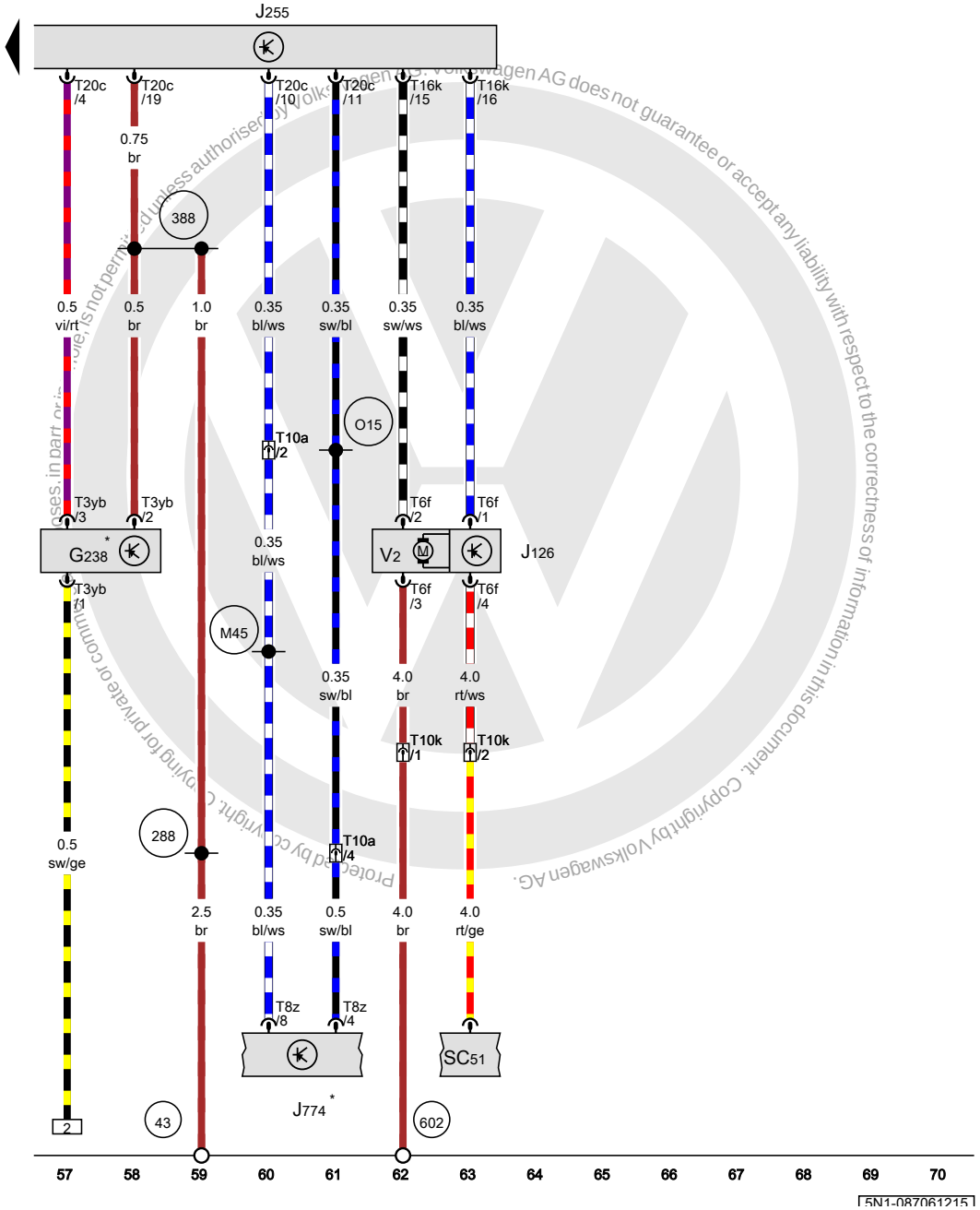


Sunlight penetration photosensor, Left vent temperature sender, Right vent temperature sender, Evaporator temperature sensor, Climatronic control unit, Defroster flap control motor

G107	Sunlight penetration photosensor
G134	Sunlight penetration photosensor 2
G135	Potentiometer for defroster flap control motor
G150	Left vent temperature sender
G151	Right vent temperature sender
G308	Evaporator temperature sensor
J255	Climatronic control unit
T2hh	2-pin connector
T2hr	2-pin connector
T2hs	2-pin connector
T4ef	4-pin connector
T6q	6-pin connector
T16c	16-pin connector
T16k	16-pin connector
T20c	20-pin connector
V107	Defroster flap control motor
L7	Connection 3, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness
L9	Connection 1, in air conditioning system wiring harness

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Fresh air blower control unit, Climatronic control unit, Heated front seats control unit

G238	Air quality sensor
J126	Fresh air blower control unit
J255	Climatronic control unit
J774	Heated front seats control unit
SC51	Fuse 51 on fuse holder C
T3yb	3-pin connector
T6f	6-pin connector
T8z	8-pin connector
T10a	10-pin connector
T10k	10-pin connector
T16k	16-pin connector
T20c	20-pin connector
V2	Fresh air blower
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 23, in main wiring harness
602	Earth point, in front left footwell
M45	Connection 5, in driver seat wiring harness
O15	Connection 4, in seat heating wiring harness
*	According to equipment

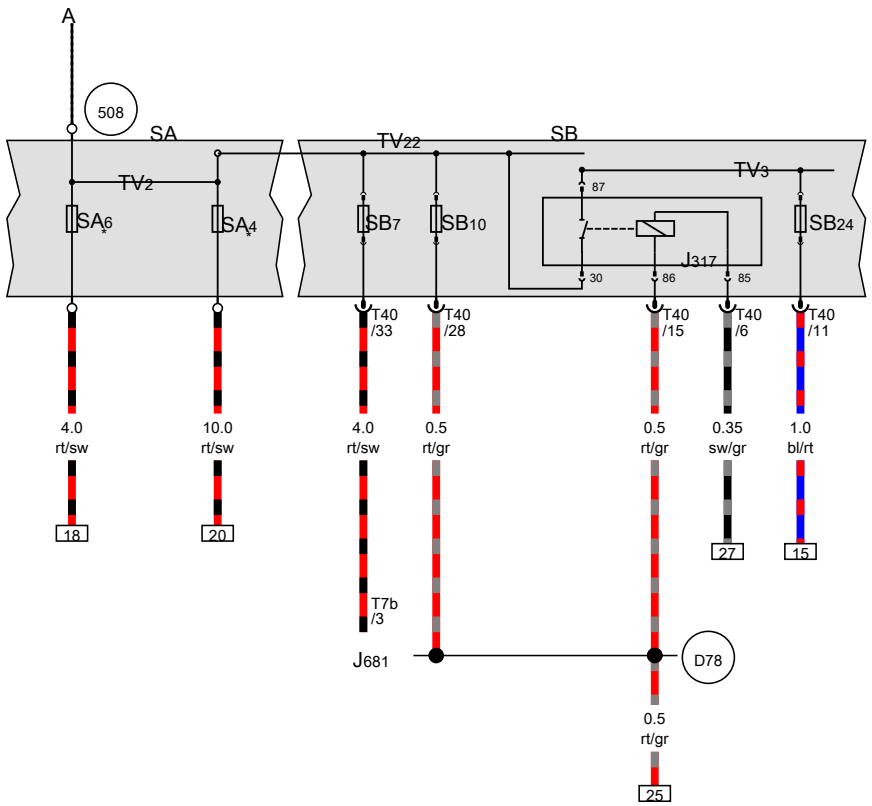
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Auxiliary air heater (PTC) , (7E6)

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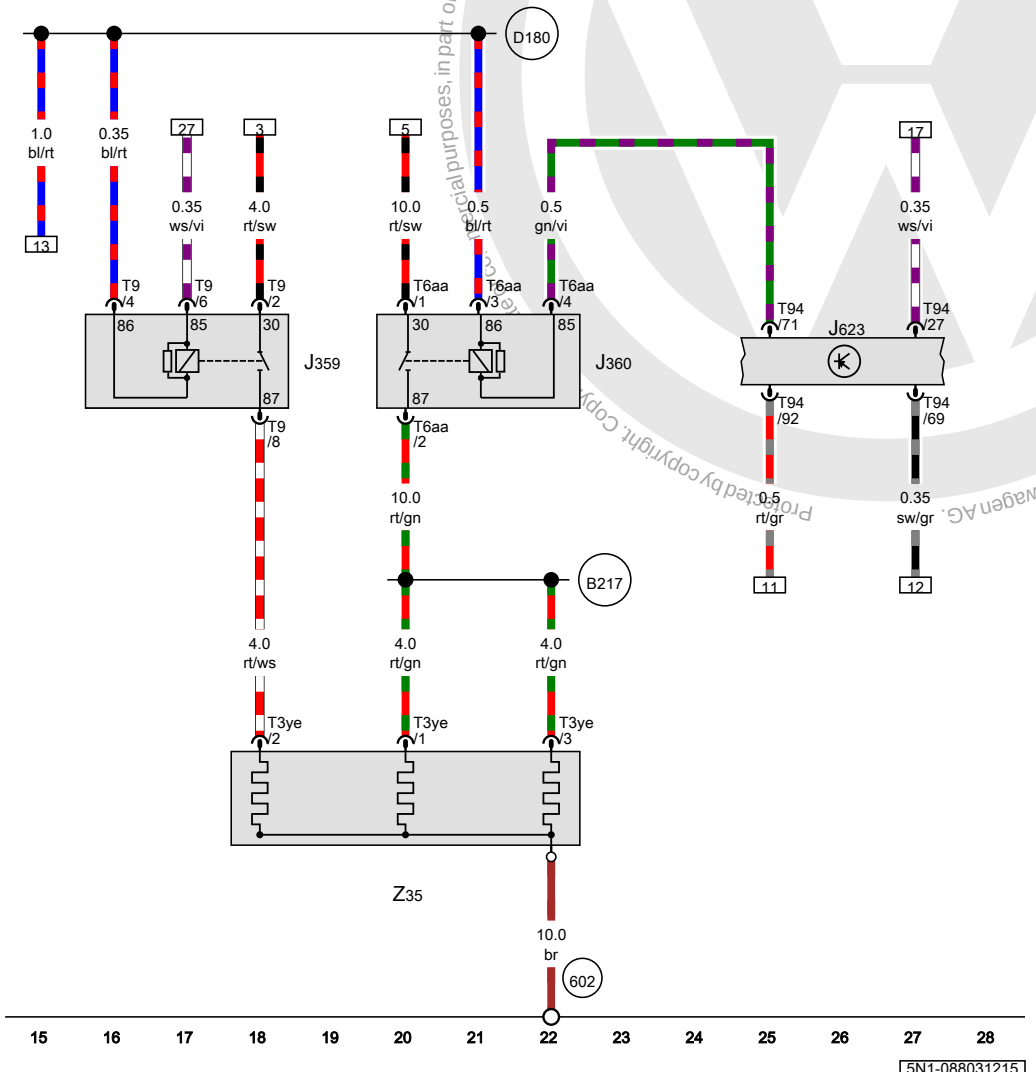
Battery, Fuse holder A, Fuse holder B

A	Battery
J317	Terminal 30 voltage supply relay
J681	Terminal 15 voltage supply relay 2
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA6	Fuse 6 in fuse holder A
SB	Fuse holder B
SB7	Fuse 7 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB24	Fuse 24 on fuse holder B
T7b	7-pin connector
TV2	Terminal 30 wiring junction
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
508	Threaded connection (30) on E-box
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	According to equipment

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Low heat output relay, High heat output relay, Engine control unit, Auxiliary air heater element

J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
T3ye	3-pin connector
T6aa	6-pin connector
T9	9-pin connector
T94	94-pin connector
Z35	Auxiliary air heater element
602	Earth point, in front left footwell
B217	Connection (auxiliary heater), in interior wiring harness
D180	Connection (87a), in engine compartment wiring harness

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Auxiliary heater, only models with Climatic

⇒ **Remote control receiver and preselection clock**

from May 2009

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

⇒ Overview of Fitting Locations!

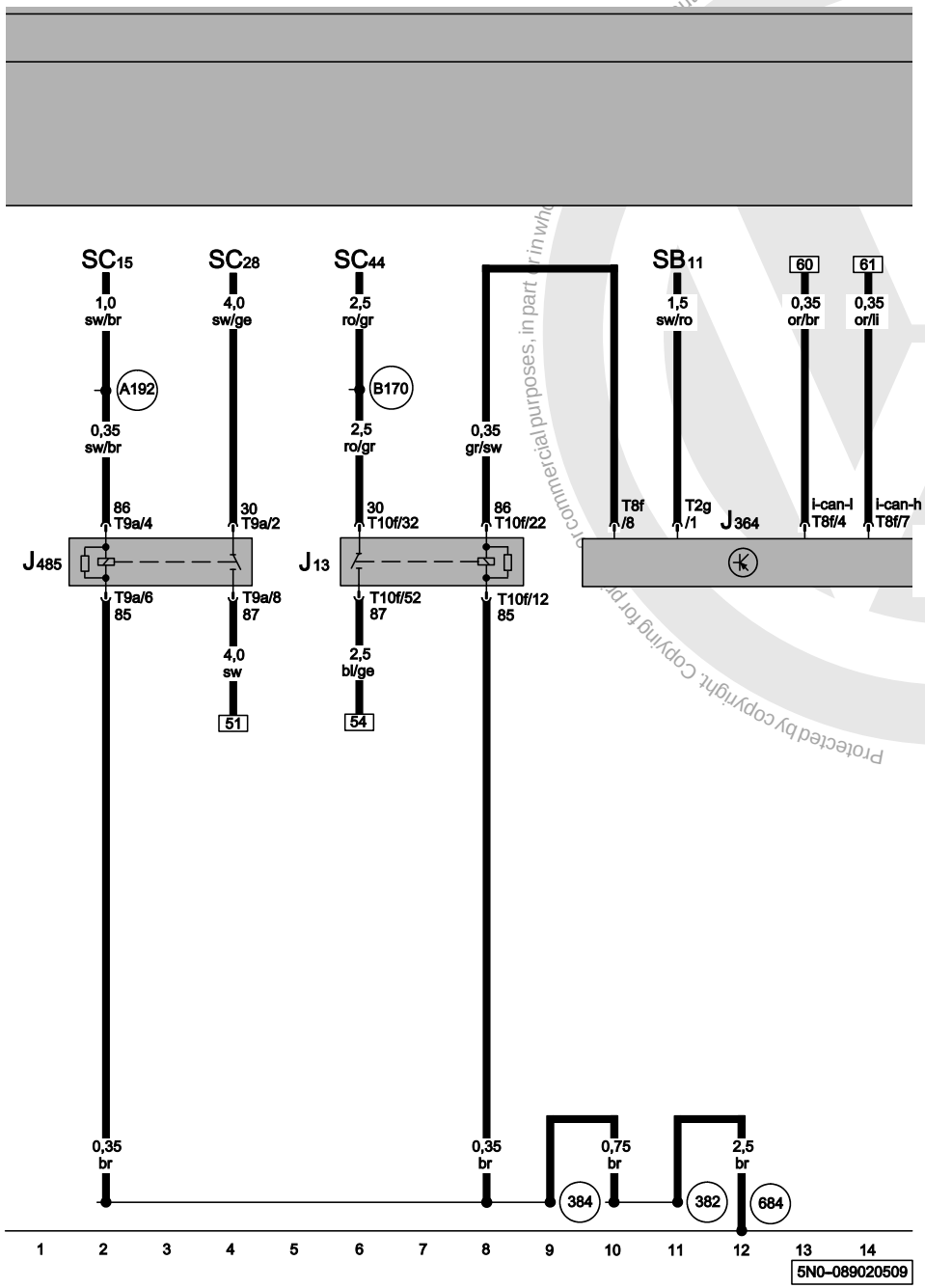
For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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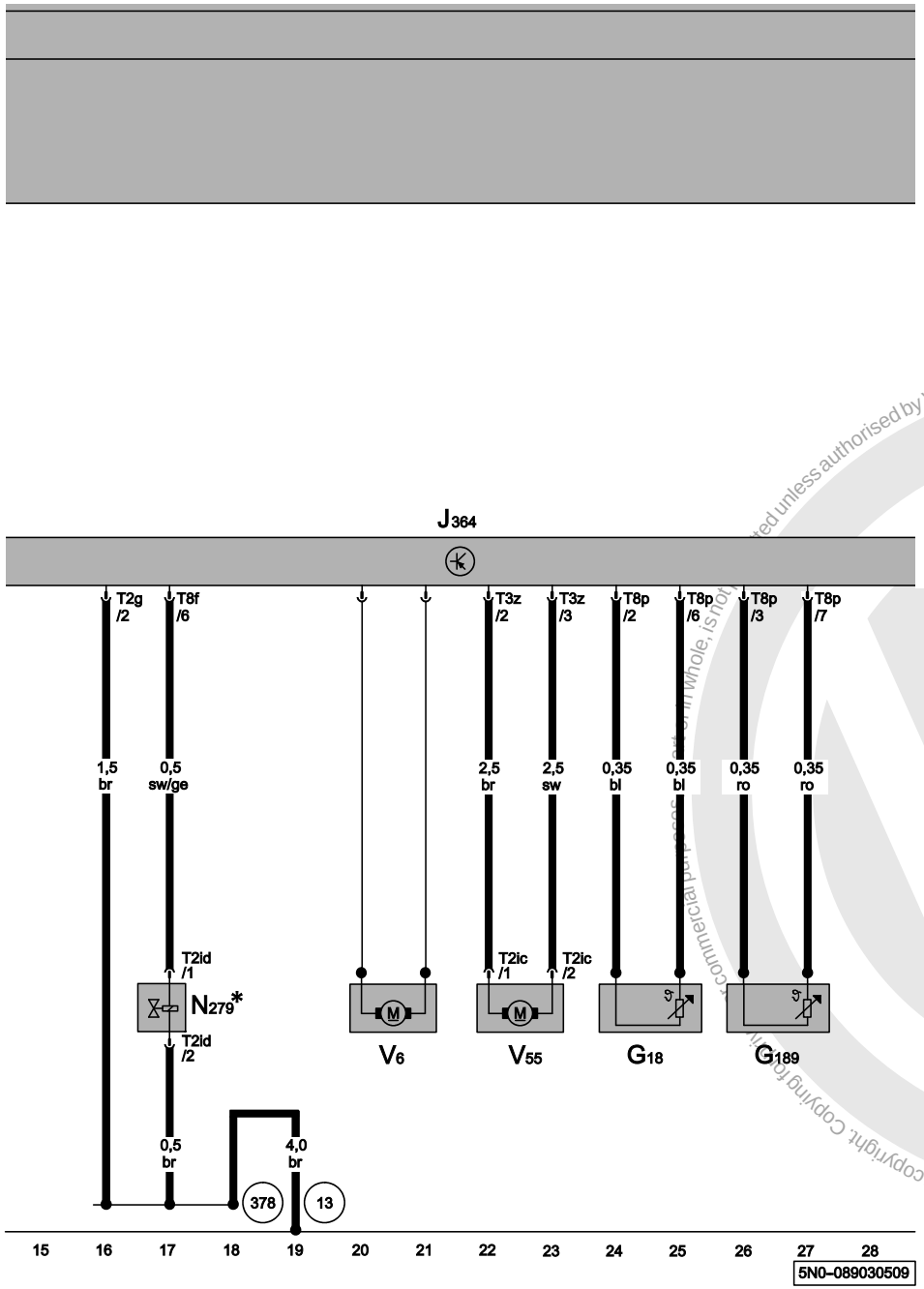
Fresh air blower relay, auxiliary heater operation relay, fuses, auxiliary heater control unit

J13	Fresh air blower relay
J364	Auxiliary heater control unit
J485	Auxiliary heater operation relay
SB11	Fuse 11 on fuse holder B
SC15	Fuse 15 on fuse holder C
SC28	Fuse 28 on fuse holder C
SC44	Fuse 44 on fuse holder C
T2g	2-pin connector, black
T8f	8-pin connector, black
T9a	9-pin connector, black
T10f	10-pin connector, black
382	Earth connection 17, in main wiring harness
384	Earth connection 19, in main wiring harness
684	Earth point on front of left side member
A192	Positive connection 3 (15a) in dash panel wiring harness
B170	Positive connection 2 (30), in interior wiring harness

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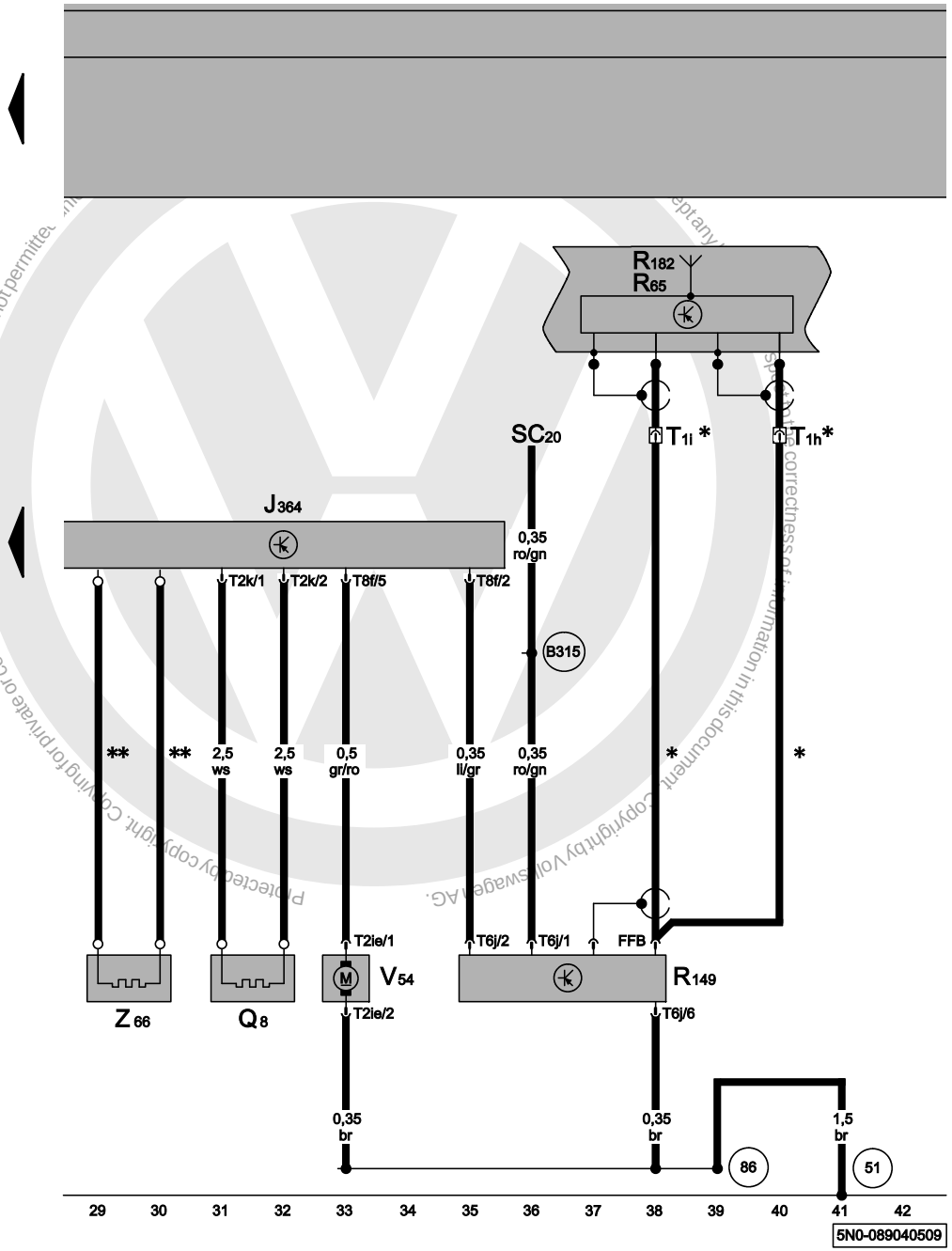
Heater coolant shut-off valve, auxiliary heater control unit, temperature sensor, overheating sensor, circulating pump, combustion air blower

G18	Temperature sensor
G189	Overheating sensor
J364	Auxiliary heater control unit
N279	Heater coolant shut-off valve
T2g	2-pin connector, black
T2ic	2-pin connector
T2id	2-pin connector
T3z	3-pin connector
T8f	8-pin connector, black
T8p	8-pin connector
V6	Combustion air blower
V55	Circulation pump
(13)	Earth point, on right in engine compartment
(378)	Earth connection 13, in main wiring harness
*	Depending on equipment



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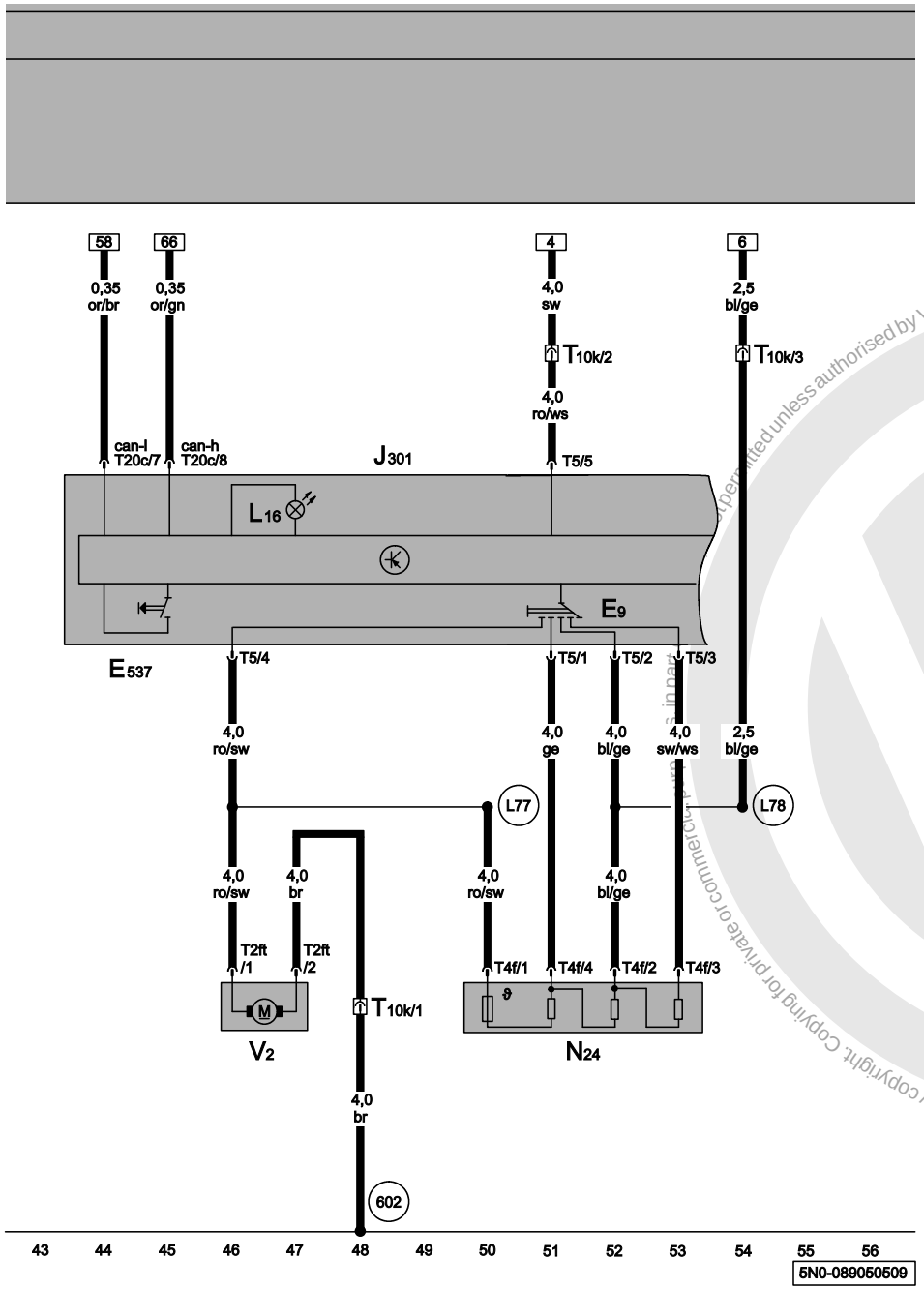


Metering pump, remote control receiver for auxiliary coolant heater, glow plug with flame monitor, fuel pre-heating heater element, auxiliary heater control unit

J364	Auxiliary heater control unit
Q8	Glow plug with flame monitor
R65	Telephone aerial
R149	Remote control receiver for auxiliary coolant heater
R182	Auxiliary heater aerial
SC20	Fuse 20 on fuse holder C
T1h	Single connector
T1i	Single connector
T2ie	2-pin connector, black
T2k	2-pin connector
T6j	6-pin connector, blue
T8f	8-pin connector, black
V54	Metering pump
Z66	Fuel pre-heating heater element
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
B315	Connection 1 (30a), in main wiring harness
*	Depending on equipment
**	Only models with a diesel engine

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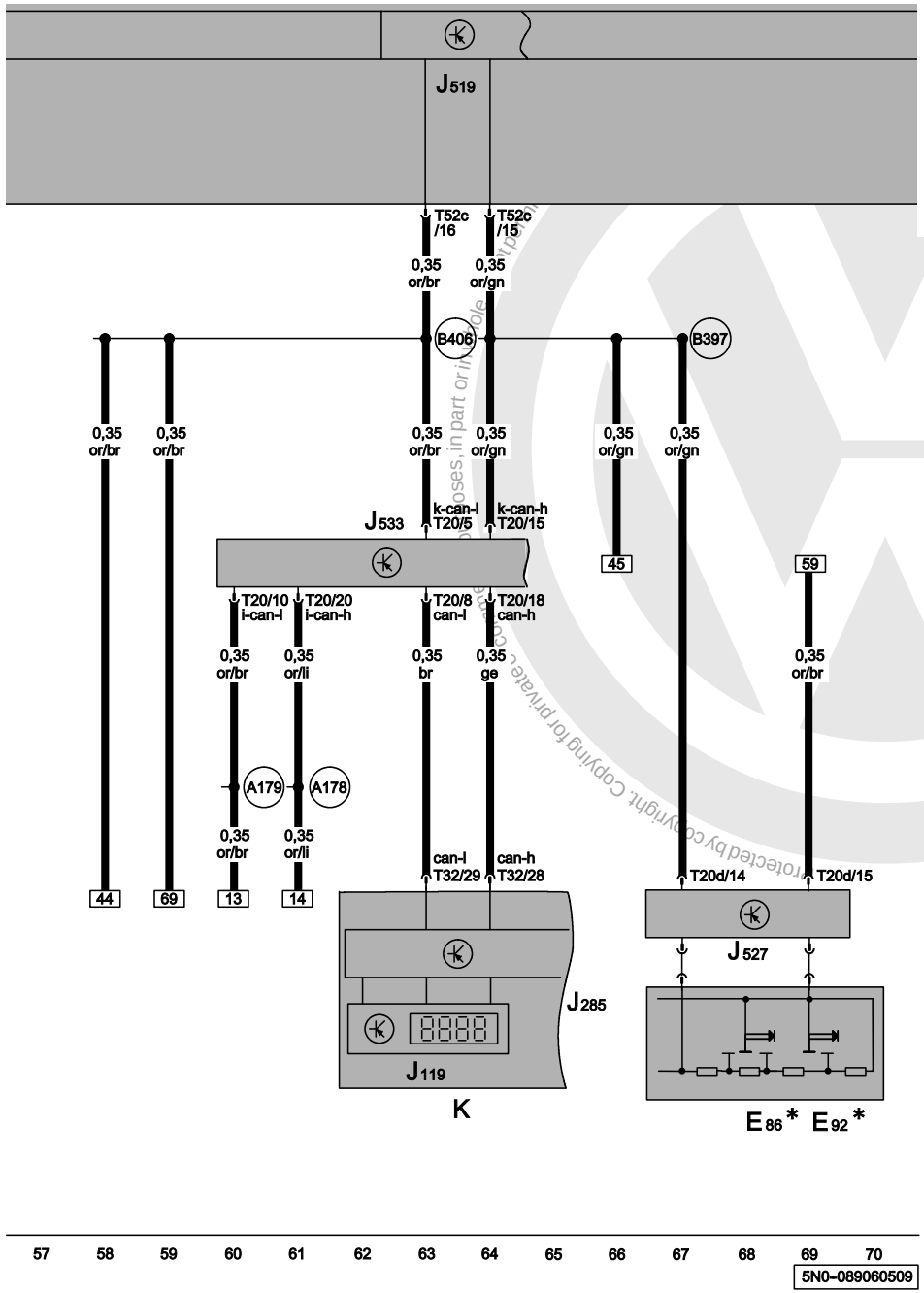


Fresh air blower, fresh air blower switch, immediate heat button, air conditioning system control unit

E9	Fresh air blower switch
E537	Instant heating button
J301	Air conditioning system control unit
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
T2ft	2-pin connector, black
T4f	4-pin connector, black
T5	5-pin connector, black
T10k	10-pin connector, black
T20c	20-pin connector, black
V2	Fresh air blower
602	Earth point, in front left footwell
L77	Connection, in fresh air blower wiring harness
L78	Connection, in fresh air blower wiring harness

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Multifunction display call-up button, data bus diagnosis interface, Multifunction display reset button, steering column electronics control unit, dash panel insert

E86	Multifunction display call-up button
E92	Reset button
J119	Multifunction display
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
K	Dash panel insert
T20	20-pin connector, red
T20d	20-pin connector, black
T32	32-pin connector
T52c	52-pin connector, brown
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Depends on equipment

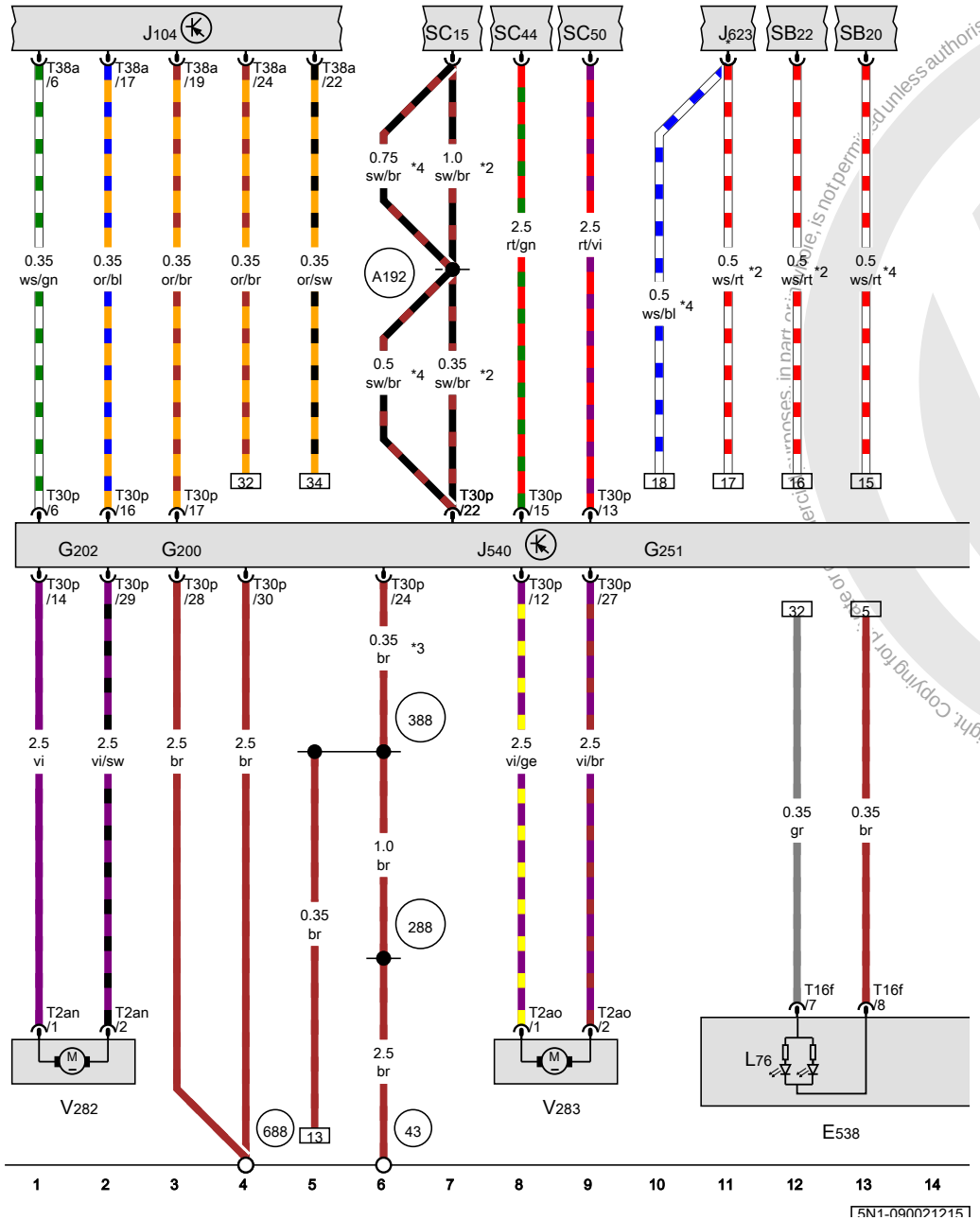
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Electromechanical parking brake , (UH1),(UH2)

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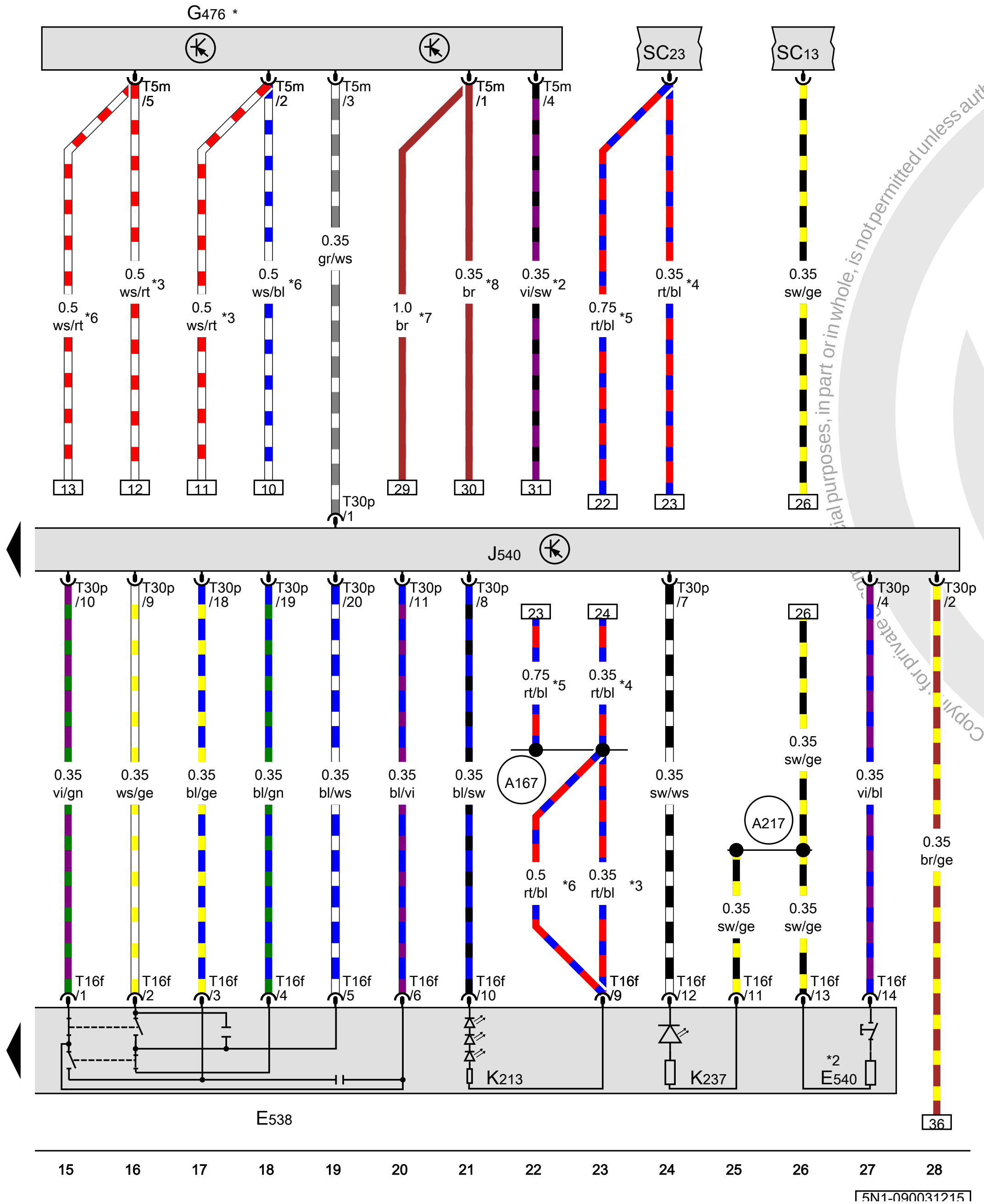
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gn = green
bl = blue
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li = purple
vi = purple
ge = yellow
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Electromechanical parking brake button, ABS control unit, Control unit for electromechanical parking brake, Engine control unit, Fuse 15 on fuse holder C, Fuse 20 on fuse holder B, Fuse 22 on fuse holder B, Left parking brake motor, Right parking brake motor

E538	Electromechanical parking brake button
G200	Lateral acceleration sender
G202	Yaw rate sender
G251	Longitudinal acceleration sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
L76	Button illumination bulb
SC15	Fuse 15 on fuse holder C
SB20	Fuse 20 on fuse holder B
SB22	Fuse 22 on fuse holder B
SC44	Fuse 44 on fuse holder C
SC50	Fuse 50 on fuse holder C
T2an	2-pin connector
T2ao	2-pin connector
T16f	16-pin connector
T30p	30-pin connector
T38a	38-pin connector
V282	Left parking brake motor
V283	Right parking brake motor
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 23, in main wiring harness
688	Earth point 2, on centre tunnel
A192	Positive connection 3 (15a) in dash panel wiring harness
*	see applicable current flow diagram for engine
*2	Up to May 2011
*3	Up to November 2010
*4	From May 2011

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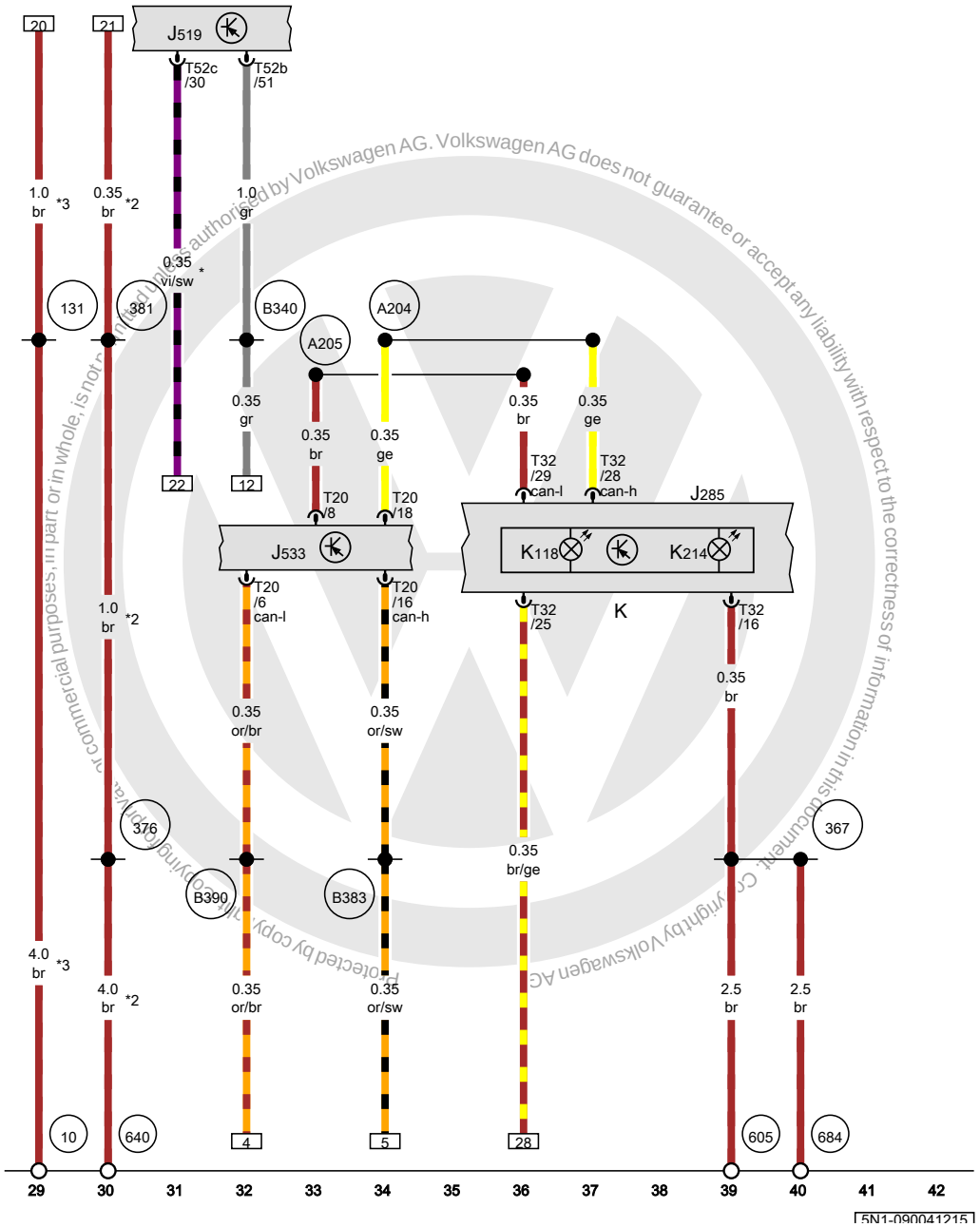
Electromechanical parking brake button, Auto-hold button, Control unit for electromechanical parking brake, Fuse 13 on fuse holder C, Fuse 23 on fuse holder C



E538	Electromechanical parking brake button
E540	Auto-hold button
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
K213	Electromechanical parking brake warning lamp
K237	Auto-hold warning lamp
SC13	Fuse 13 on fuse holder C
SC23	Fuse 23 on fuse holder C
T5m	5-pin connector
T16f	16-pin connector
T30p	30-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
*	Only models with manual gearbox
*2	According to equipment
*3	Up to May 2011
*4	Up to November 2010
*5	From November 2010
*6	From May 2011
*7	Only models with start/stop system
*8	Only models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Control unit in dash panel insert, Data bus diagnostic interface, Dash panel insert, Brake system warning lamp, Electric parking brake and handbrake fault warning lamp

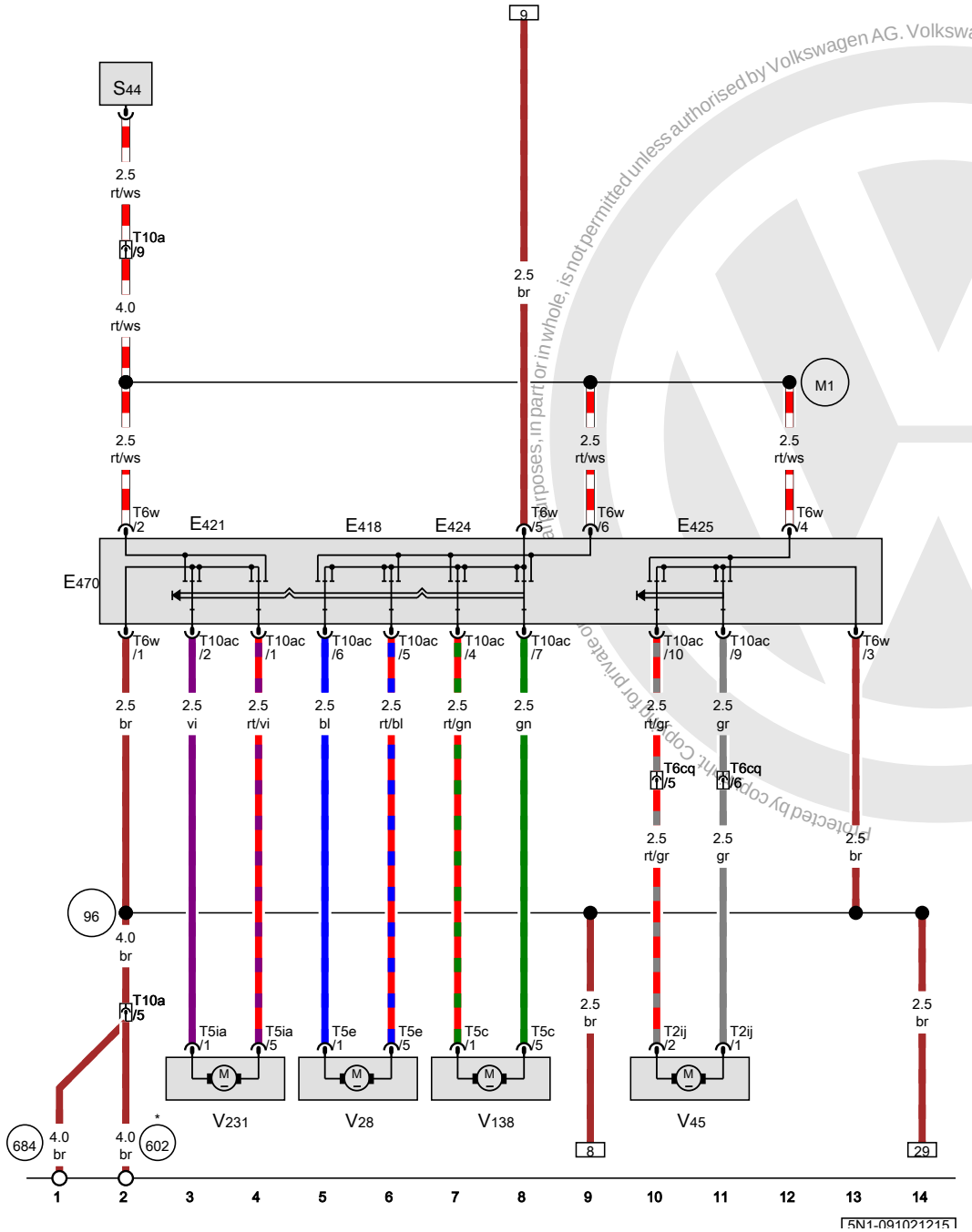
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnostic interface
K	Dash panel insert
K118	Brake system warning lamp
K214	Electric parking brake and handbrake fault warning lamp
T20	20-pin connector
T32	32-pin connector
T52b	52-pin connector
T52c	52-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
367	Earth connection 2, in main wiring harness
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
605	Earth point, on top end of steering column
640	Earth point 2, left in engine compartment
684	Earth point on front of left side member
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B340	Connection 1 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	According to equipment
*2	Only models with no start/stop system
*3	Only models with start/stop system

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sw	=	black
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gr	=	grey
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Electric seat adjustment with no memory function , (7P7),(3L9),(3PB),(3PE),(7P1),(7P8)

From May 2009

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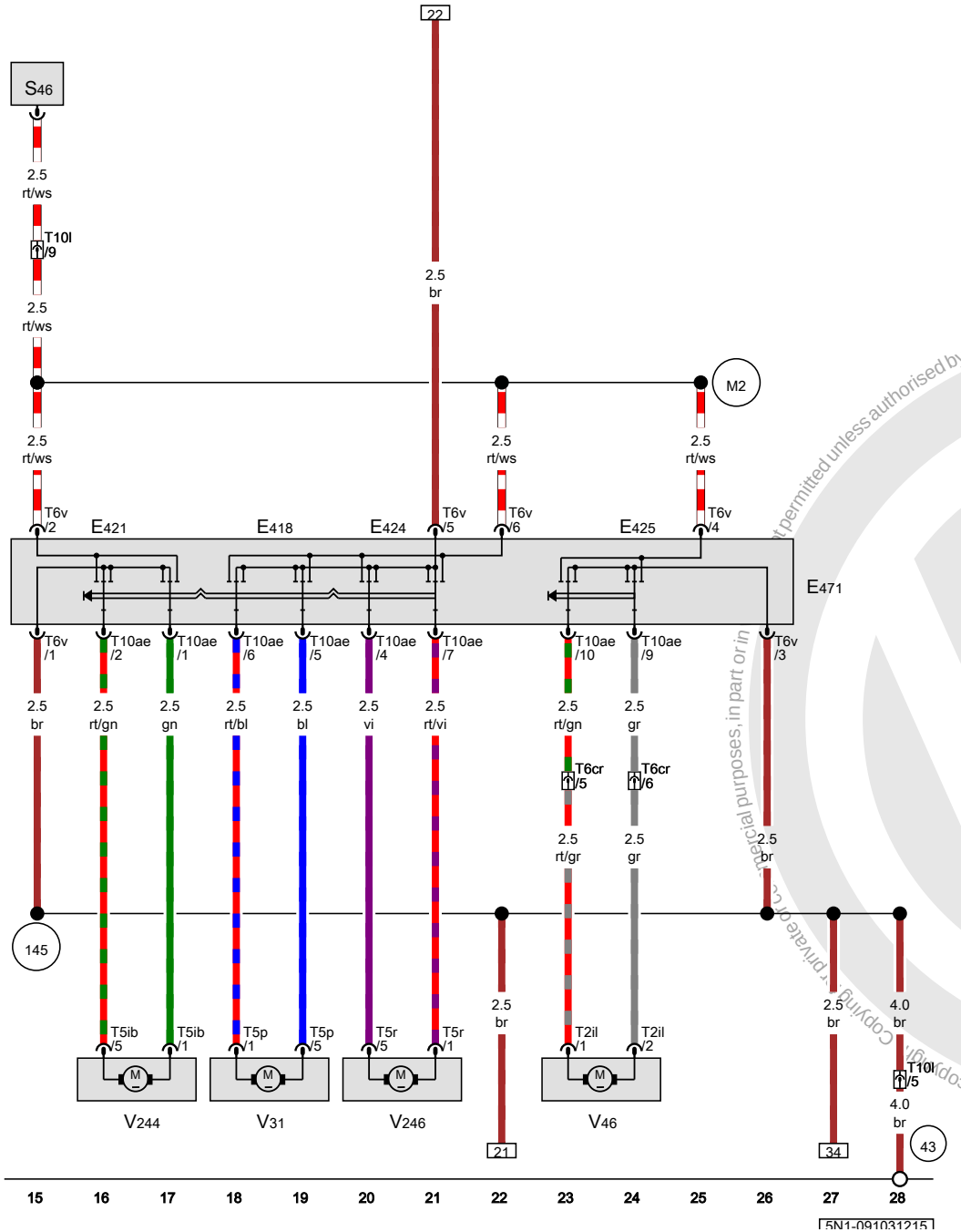


Seat longitudinal adjustment button, Rake adjustment button, Seat height adjustment button, Backrest adjustment button, Driver seat adjustment operating unit

E418	Seat longitudinal adjustment button
E421	Rake adjustment button
E424	Seat height adjustment button
E425	Backrest adjustment button
E470	Driver seat adjustment operating unit
S44	Driver seat adjustment thermal fuse 1
T2ij	2-pin connector
T5c	5-pin connector
T5e	5-pin connector
T5ia	5-pin connector
T6cq	6-pin connector
T6w	6-pin connector
T10a	10-pin connector
T10ac	10-pin connector
V28	Driver seat longitudinal adjustment motor
V45	Driver seat backrest adjustment motor
V138	Driver seat height adjustment motor
V231	Seat rake adjustment motor
96	Earth connection 1, in seat heating wiring harness
602	Earth point, in front left footwell
684	Earth point on front of left side member
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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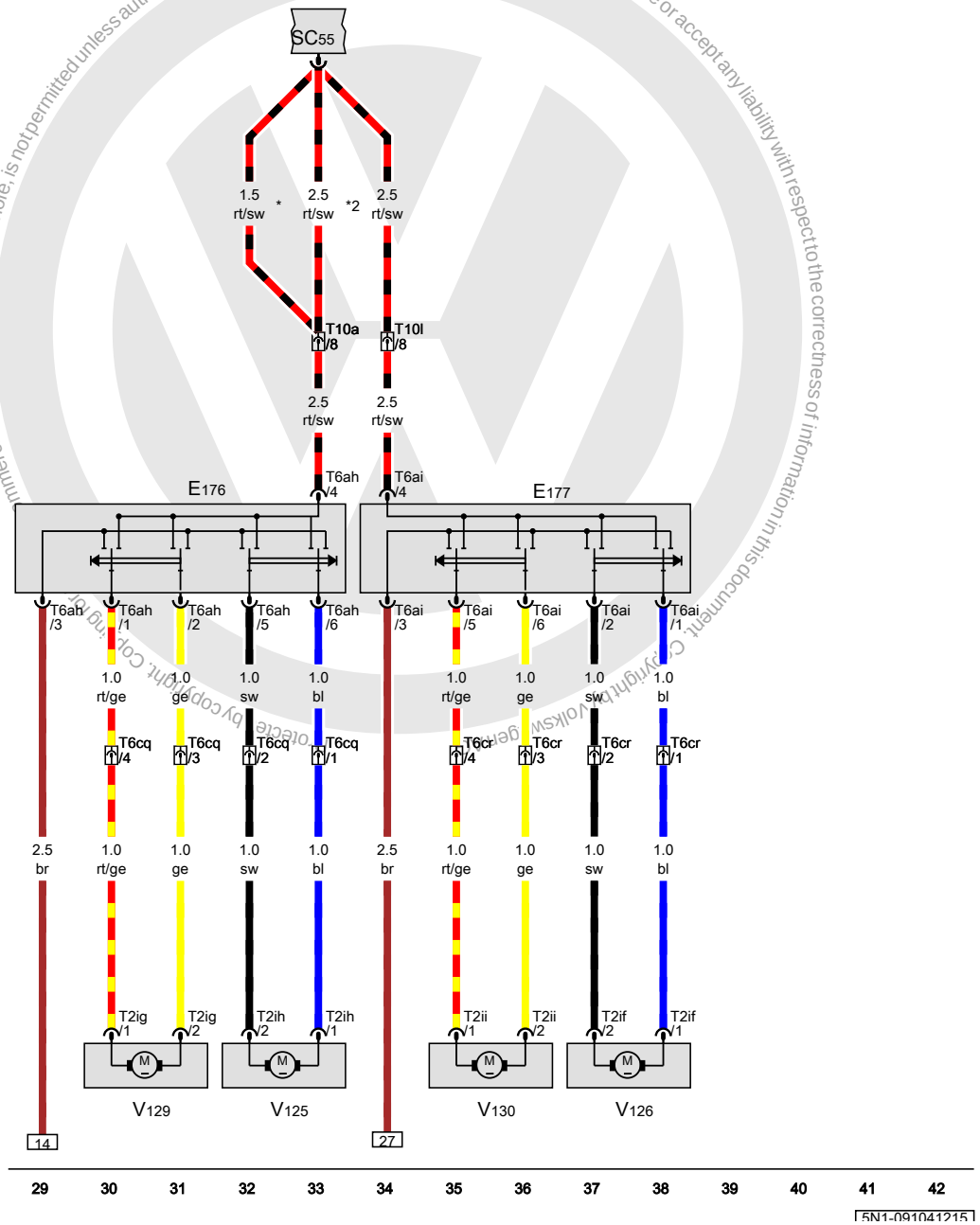
Seat longitudinal adjustment button, Rake adjustment button, Seat height adjustment button, Backrest adjustment button, Front passenger seat adjustment operating unit

E418	Seat longitudinal adjustment button
E421	Rake adjustment button
E424	Seat height adjustment button
E425	Backrest adjustment button
E471	Front passenger seat adjustment operating unit
S46	Front passenger seat adjustment thermal fuse 1
T2il	2-pin connector
T5ib	5-pin connector
T5p	5-pin connector
T5r	5-pin connector
T6cr	6-pin connector
T6v	6-pin connector
T10ae	10-pin connector
T10l	10-pin connector
V31	Front passenger seat longitudinal adjustment motor
V46	Front passenger seat backrest adjustment motor
V244	Front passenger seat rake adjustment motor
V246	Front passenger seat height adjustment motor
43	Earth point, lower part of right A-pillar
145	Earth connection 3, in seat heating wiring harness
M2	Positive connection 2 (30), in seat adjustment wiring harness

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Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch

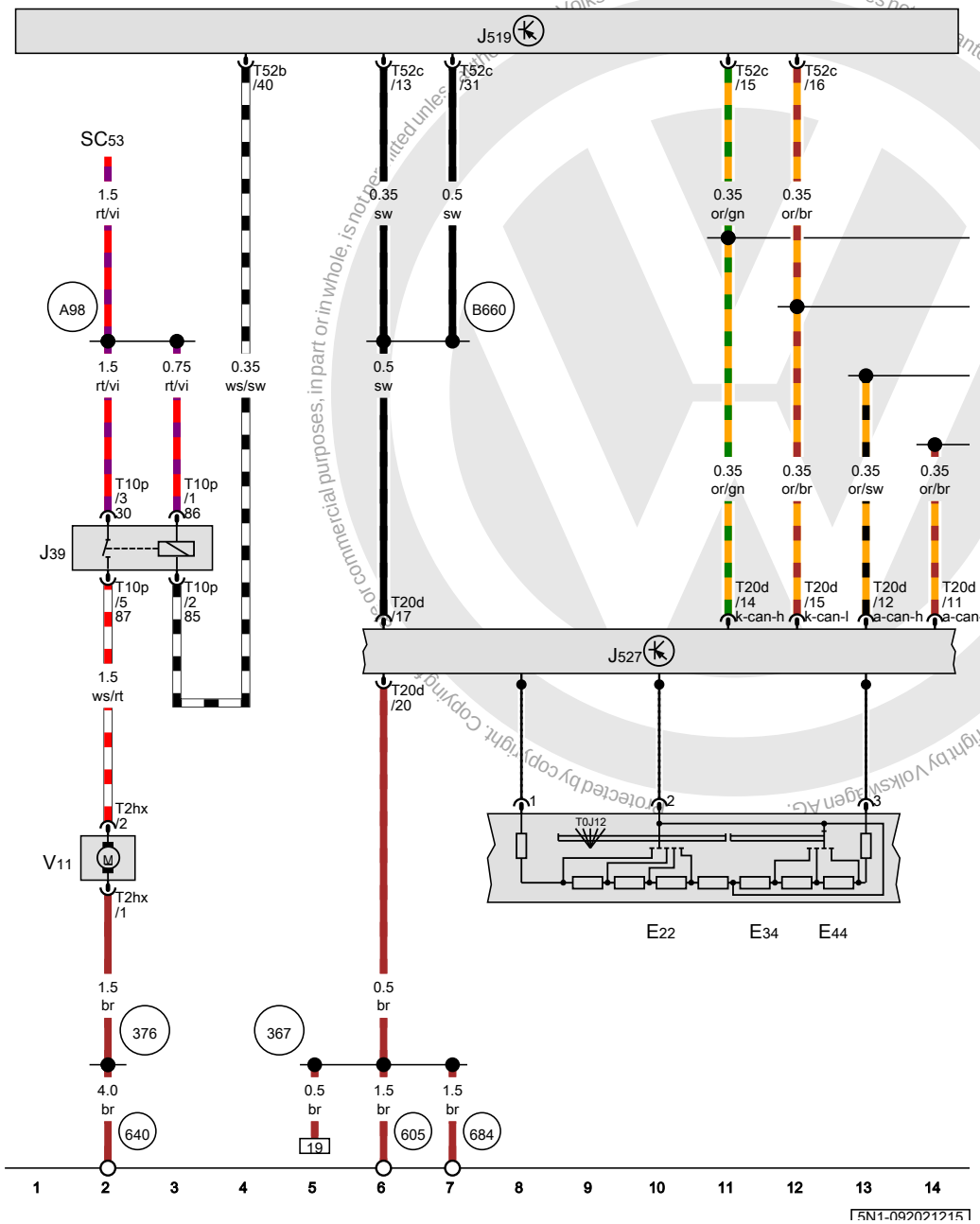
E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
SC55	Fuse 55 on fuse holder C
T2if	2-pin connector
T2ig	2-pin connector
T2ih	2-pin connector
T2ii	2-pin connector
T6ah	6-pin connector
T6ai	6-pin connector
T6cq	6-pin connector
T6cr	6-pin connector
T10a	10-pin connector
T10l	10-pin connector
V125	Driver seat lumbar support longitudinal adjustment motor
V126	Front passenger seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
V130	Front passenger seat lumbar support height adjustment motor
*	Up to November 2010
*2	From November 2010

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Headlight washer system , (8X1)

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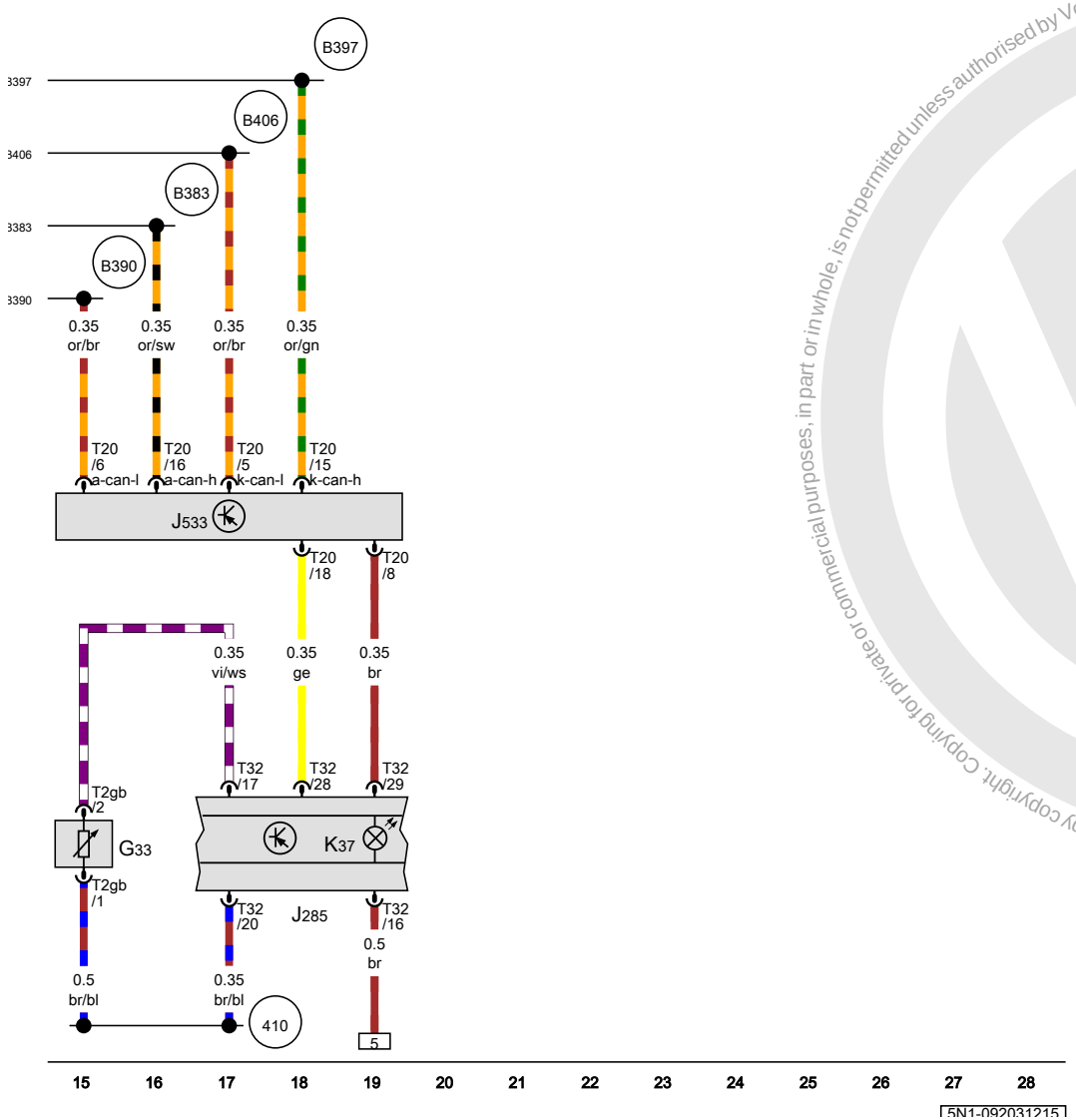
Intermittent wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Headlight washer system relay, Onboard supply control unit, Steering column electronics control unit, Fuse 53 on fuse holder C, Headlight washer system pump

E22	Intermittent wiper switch
E34	Rear wiper switch
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
J39	Headlight washer system relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
SC53	Fuse 53 on fuse holder C
T2hx	2-pin connector
T10p	10-pin connector
T20d	20-pin connector
T52b	52-pin connector
T52c	52-pin connector
V11	Headlight washer system pump
367	Earth connection 2, in main wiring harness
376	Earth connection 11, in main wiring harness
605	Earth point, on top end of steering column
640	Earth point 2, left in engine compartment
684	Earth point on front of left side member
A98	Positive connection 4 (30), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness

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Windscreen washer fluid level sender, Data bus diagnostic interface

G33	Windscreen washer fluid level sender
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K37	Washer fluid level warning lamp
T2gb	2-pin connector
T20	20-pin connector
T32	32-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness



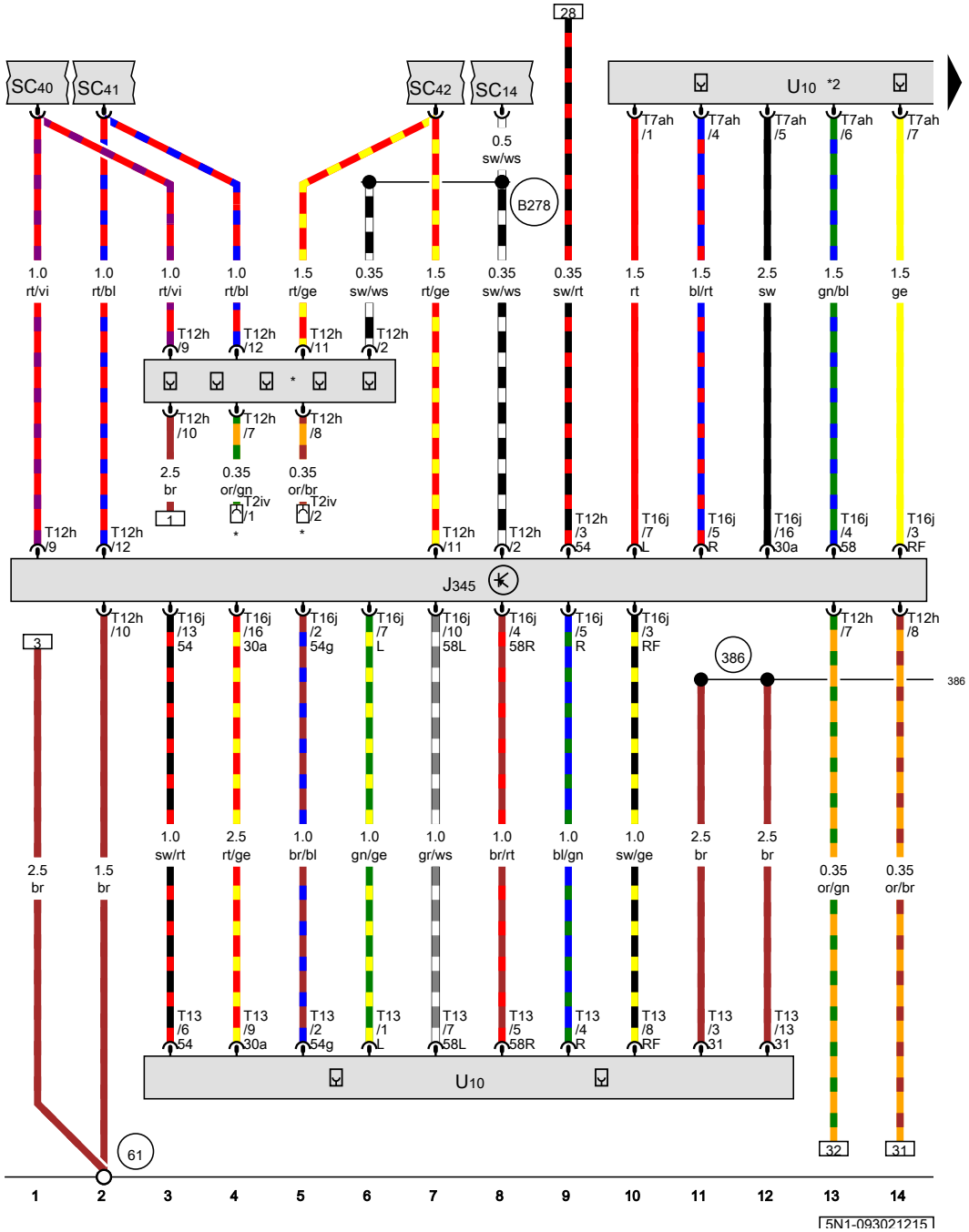
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Trailer coupling , (1D4),(1D6),(1D7),(1D8),(1M5)

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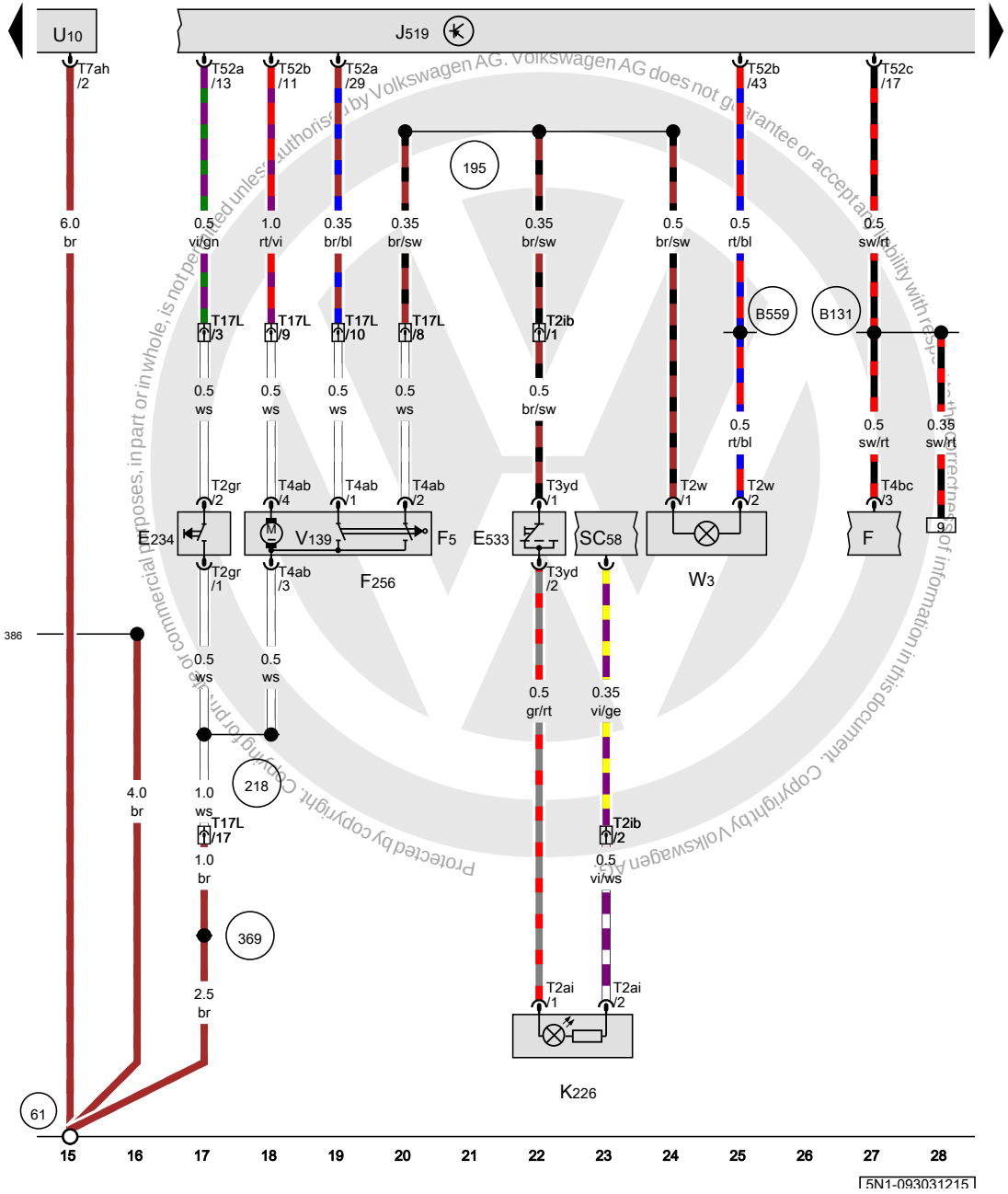


Trailer detector control unit, Trailer socket

J345	Trailer detector control unit
SC14	Fuse 14 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
T2iv	2-pin connector
T7ah	7-pin connector
T12h	12-pin connector
T13	13-pin connector
T16j	16-pin connector
U10	Trailer socket
61	Earth point, left C-pillar
386	Earth connection 21, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Only models with preparation for trailer coupling
*2	Only for American markets

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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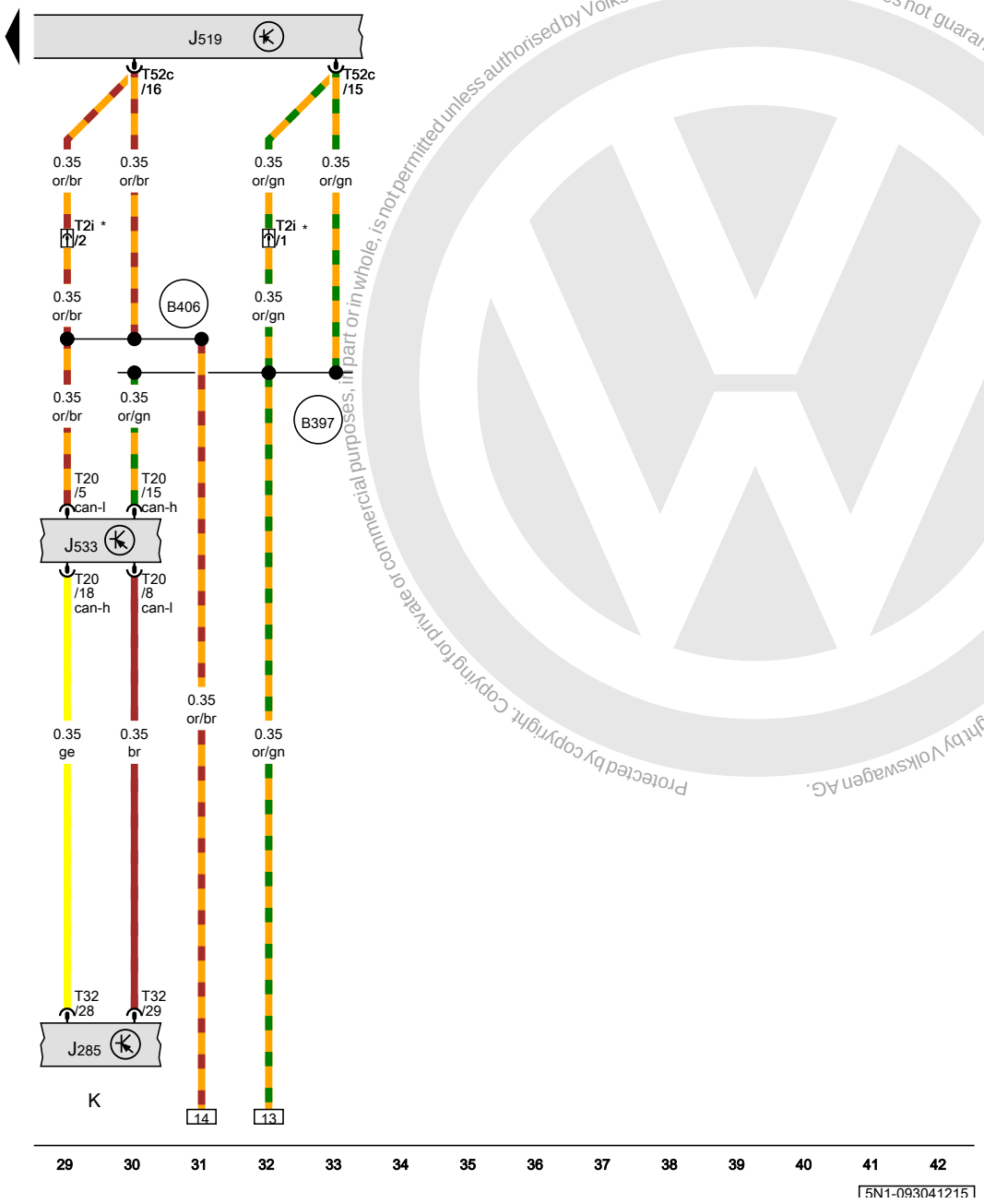


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Rear lid handle release button, Luggage compartment light switch, Rear lid lock unit, Onboard supply control unit, Towing bracket locked warning lamp

E234	Rear lid handle release button
E533	Lock button
F	Brake light switch
F5	Luggage compartment light switch
F256	Rear lid lock unit
J519	Onboard supply control unit
K226	Towing bracket locked warning lamp
SC58	Fuse 58 on fuse holder C
T2ai	2-pin connector
T2gr	2-pin connector
T2ib	2-pin connector
T2w	2-pin connector
T3yd	3-pin connector
T4ab	4-pin connector
T4bc	4-pin connector
T7ah	7-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
U10	Trailer socket
V139	Rear lid release motor
W3	Luggage compartment light
61	Earth point, left C-pillar
195	Earth connection, in rear door switch wiring harness
218	Earth connection 1, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
386	Earth connection 21, in main wiring harness
B131	Connection (54), in interior wiring harness
B559	Positive connection 1 (30g), in main wiring harness



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Control unit in dash panel insert, Onboard supply control unit, Data bus diagnostic interface

J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnostic interface
K	Dash panel insert
T2i	2-pin connector
T20	20-pin connector
T32	32-pin connector
T52c	52-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with preparation for trailer coupling

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Xenon headlights with cornering light and headlight range control

from May 2009

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth points

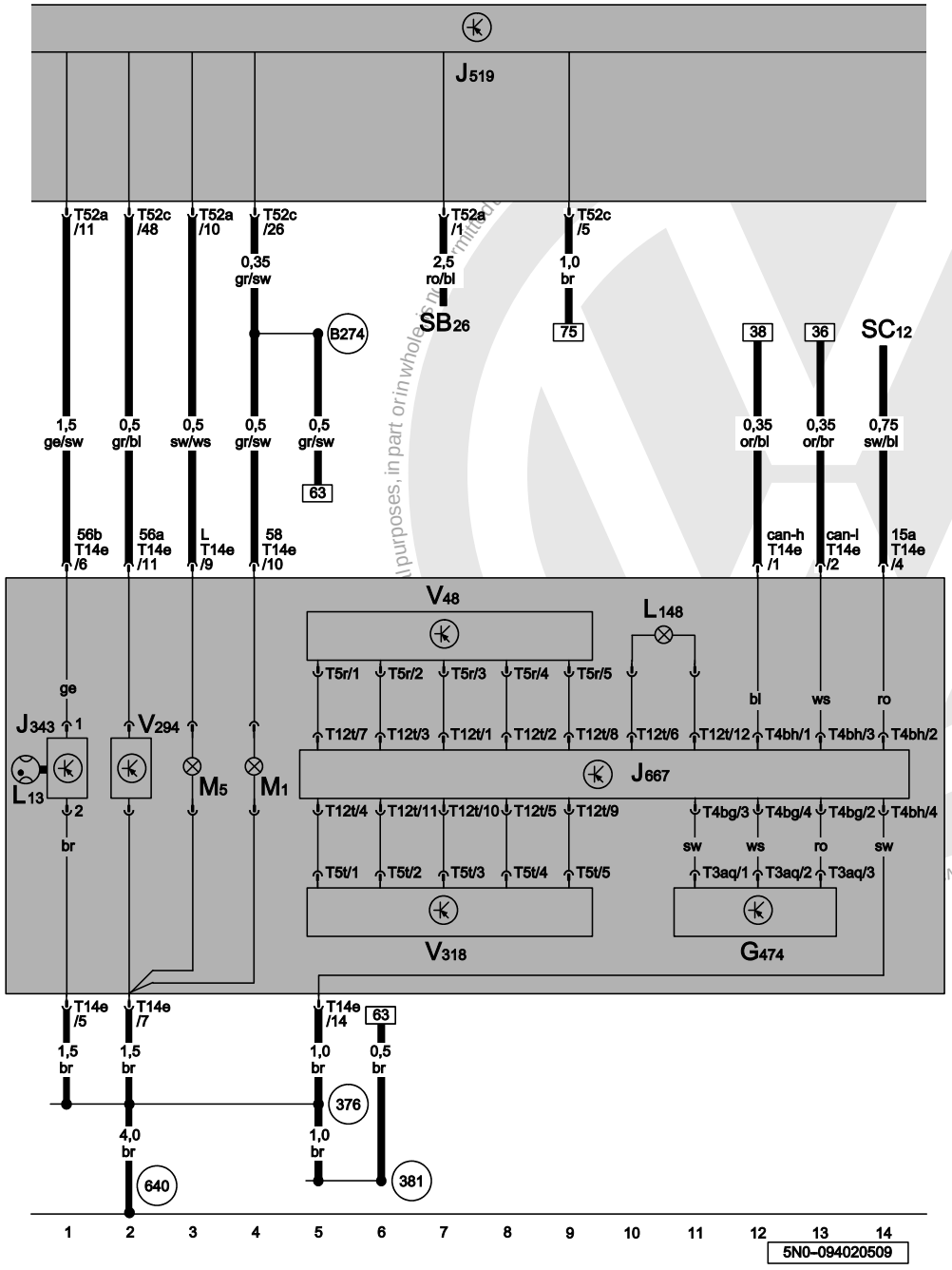
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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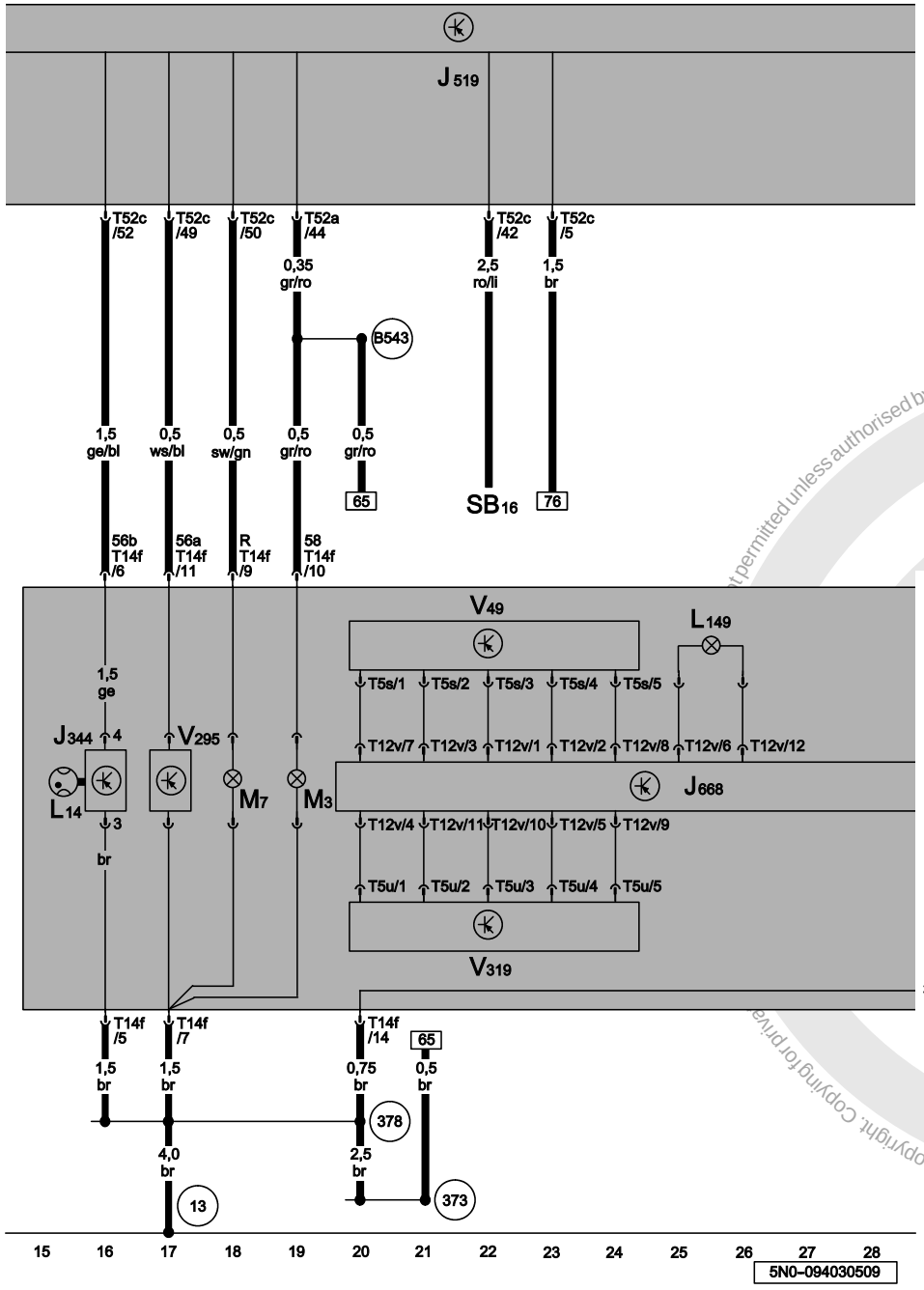


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sw = black
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Left gas discharge light bulb, front left turn signal bulb, left cornering light bulb, power output module for left headlight, front left headlight

G474	Left swivel module position sensor
J343	Left gas discharge bulb control unit
J519	Onboard supply control unit
J667	Power output module for left headlight
L13	Left gas discharge (xenon) bulb
L148	Left cornering light bulb
M1	Left side light bulb
M5	Front left turn signal bulb
SB26	Fuse 26 on fuse holder B
SC12	Fuse 16 on fuse holder C
T3aq	3-pin connector, in left headlight
T4bg	4-pin connector, in left headlight
T4bh	4-pin connector, in left headlight
T5r	5-pin connector, in left headlight
T5t	5-pin connector, in left headlight
T12t	12-pin connector, in left headlight
T14e	14-pin connector
T52a	52-pin connector, black
T52c	52-pin connector, brown
V48	Left headlight range control motor
V294	Left dip beam screen motor
V318	Left dynamic cornering light control motor
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point, on left in engine compartment
B274	Positive connection (58L), in main wiring harness

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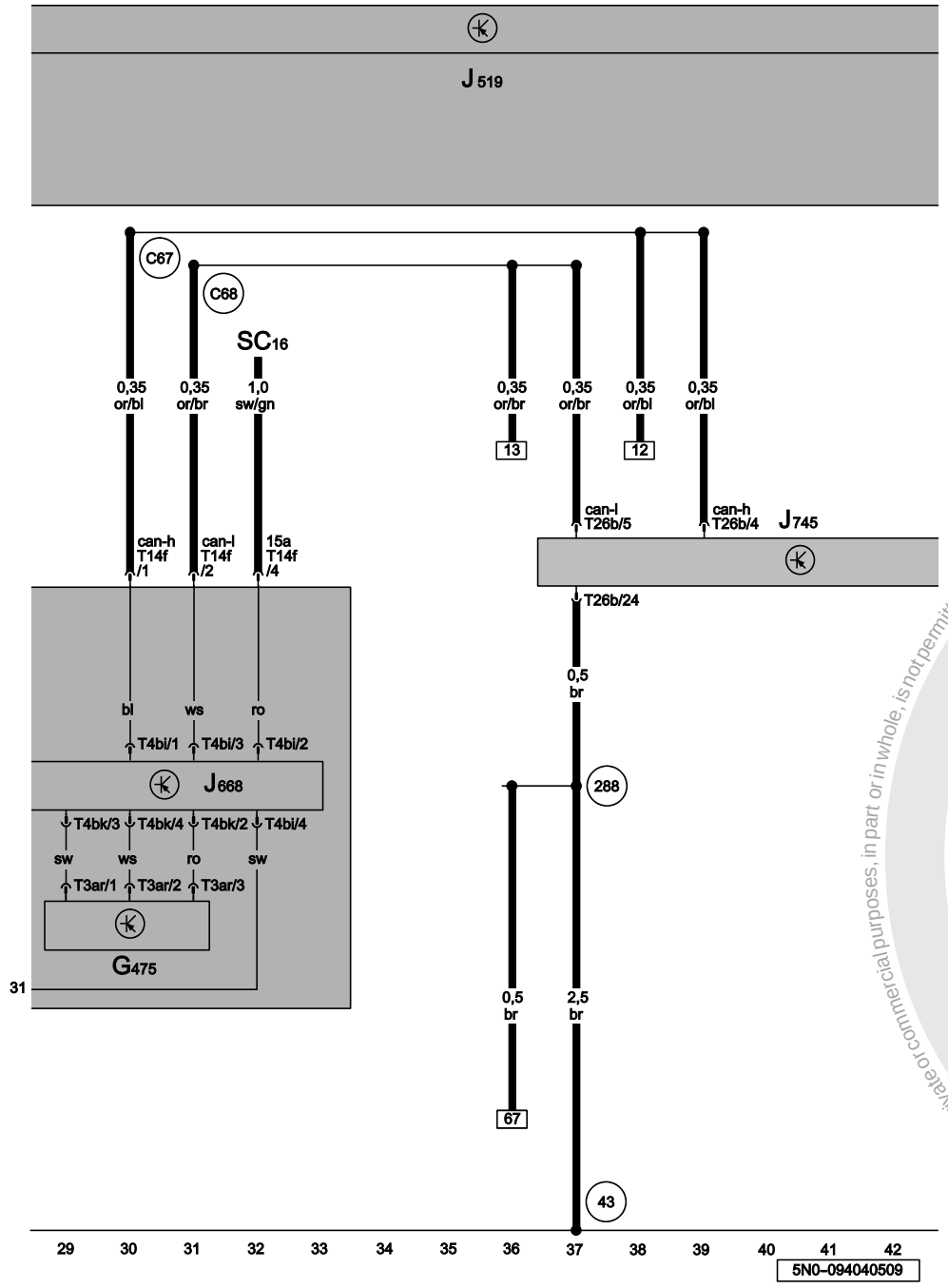


Right gas discharge light bulb, front right turn signal bulb, right cornering light bulb, power output module for right headlight, right headlight

J344	Right gas discharge bulb control unit
J519	Onboard supply control unit
J668	Power output module for right headlight
L14	Right gas discharge (xenon) bulb
L149	Right cornering light bulb
M3	Right side light bulb
M7	Front right turn signal bulb
SB16	Fuse 16 on fuse holder B
T5s	5-pin connector, in right headlight
T5u	5-pin connector, in right headlight
T12v	12-pin connector, in right headlight
T14f	14-pin connector
T52a	52-pin connector, black
T52c	52-pin connector, brown
V49	Right headlight range control motor
V295	Right dip beam screen motor
V319	Right dynamic cornering light control motor
13	Earth point, on right in engine compartment
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
B543	Positive connection (58R), in main wiring harness 2 on right in engine compartment

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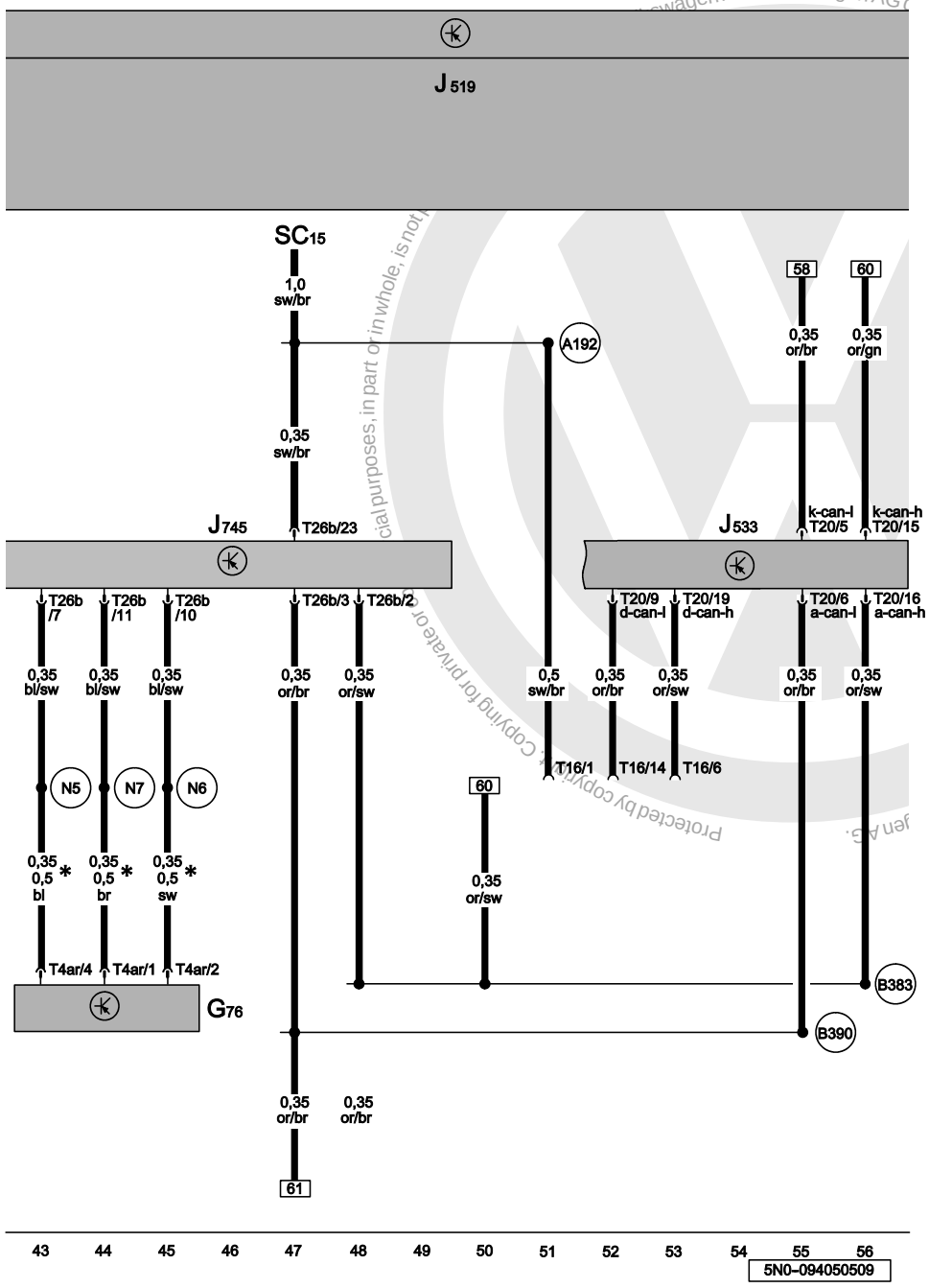


Power output module for right headlight, right headlight, control unit for cornering light and headlight range control

G475	Right swivel module position sensor
J519	Onboard supply control unit
J668	Power output module for right headlight
J745	Cornering light and headlight range control unit
SC16	Fuse 12 on fuse holder C
T3ar	3-pin connector, in right headlight
T4bi	4-pin connector, in right headlight
T4bk	4-pin connector, in right headlight
T14f	14-pin connector
T26b	26-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
C67	Connection (CAN bus, high), in headlight wiring harness
C68	Connection (CAN bus, low), in headlight wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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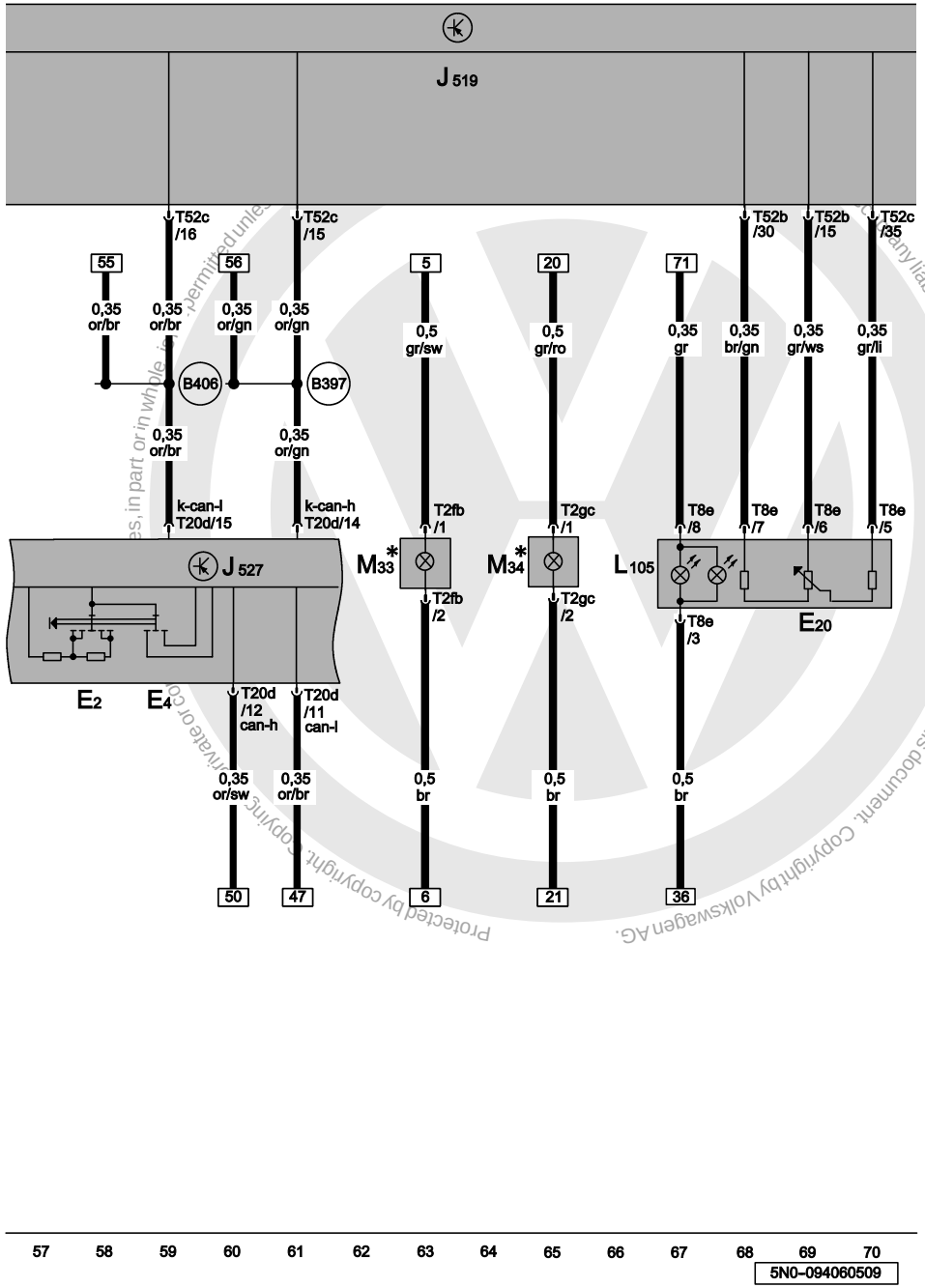


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Self-diagnosis connection, data bus diagnosis interface, rear left vehicle level sender, control unit for cornering light and headlight range control

G76	Rear left vehicle level sender
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J745	Cornering light and headlight range control unit
SC15	Fuse 15 on fuse holder C
T4ar	4-pin connector
T16	16-pin connector, self-diagnosis connection, on left under dash panel
T20	20-pin connector, red
T26b	26-pin connector
A192	Positive connection 3 (15a) in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
N5	Connection 4, in headlight range control wiring harness
N6	Connection 5, in headlight range control wiring harness
N7	Connection 6, in headlight range control wiring harness
*	Depends on equipment

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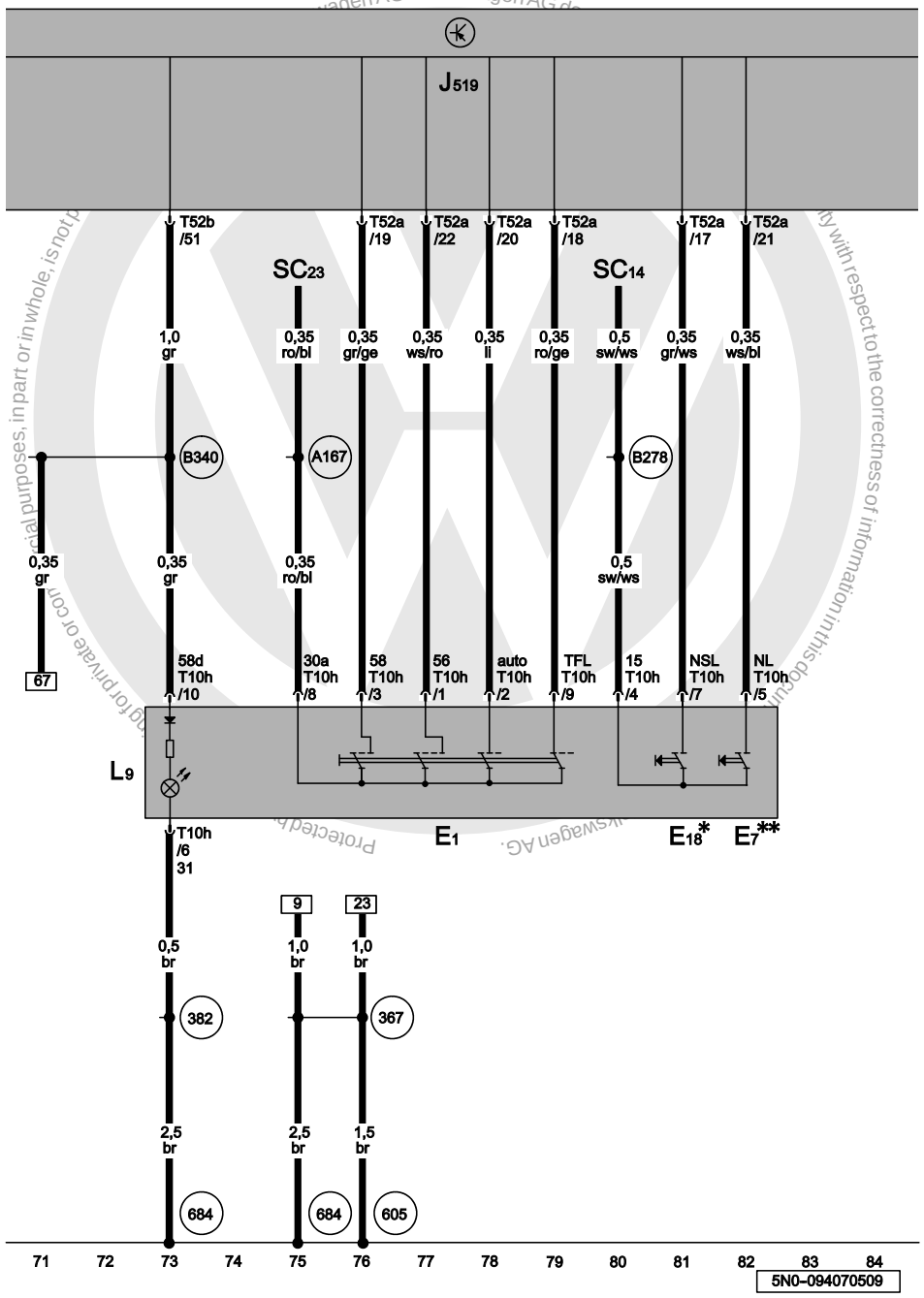


Turn signal switch, front left and front right side marker bulb, illumination regulator, headlight dipper and flasher switch

E2	Turn signal switch
E4	Headlight dipper and flasher switch
E20	Illumination regulators, switches, instruments
J519	Onboard supply control unit
J527	Steering column electronics control unit
L105	Illumination regulator illumination bulb
M33	Front left side marker bulb
M34	Front right side marker bulb
T2fb	2-pin connector
T2gc	2-pin connector
T8e	8-pin connector, black
T20d	20-pin connector, black
T52b	52-pin connector
T52c	52-pin connector, brown
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Depends on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Light switch, fog light switch, rear fog light switch

E1	Light switch
E7	Fog light switch
E18	Rear fog light switch
J519	Onboard supply control unit
L9	Light switch illumination bulb
SC23	Fuse 23 on fuse holder C
SC14	Fuse 14 on fuse holder C
T10h	10-pin connector, black
T52a	52-pin connector, black
T52b	52-pin connector
367	Earth connection 2, in main wiring harness
382	Earth connection 17, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
A167	Positive connection 3 (30a) in dash panel wiring harness
B278	Connection 2 (15a), in main wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with rear fog light
**	Only models with front fog light

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Parking aid (PDC) with park assist steering (PA)

from May 2009

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

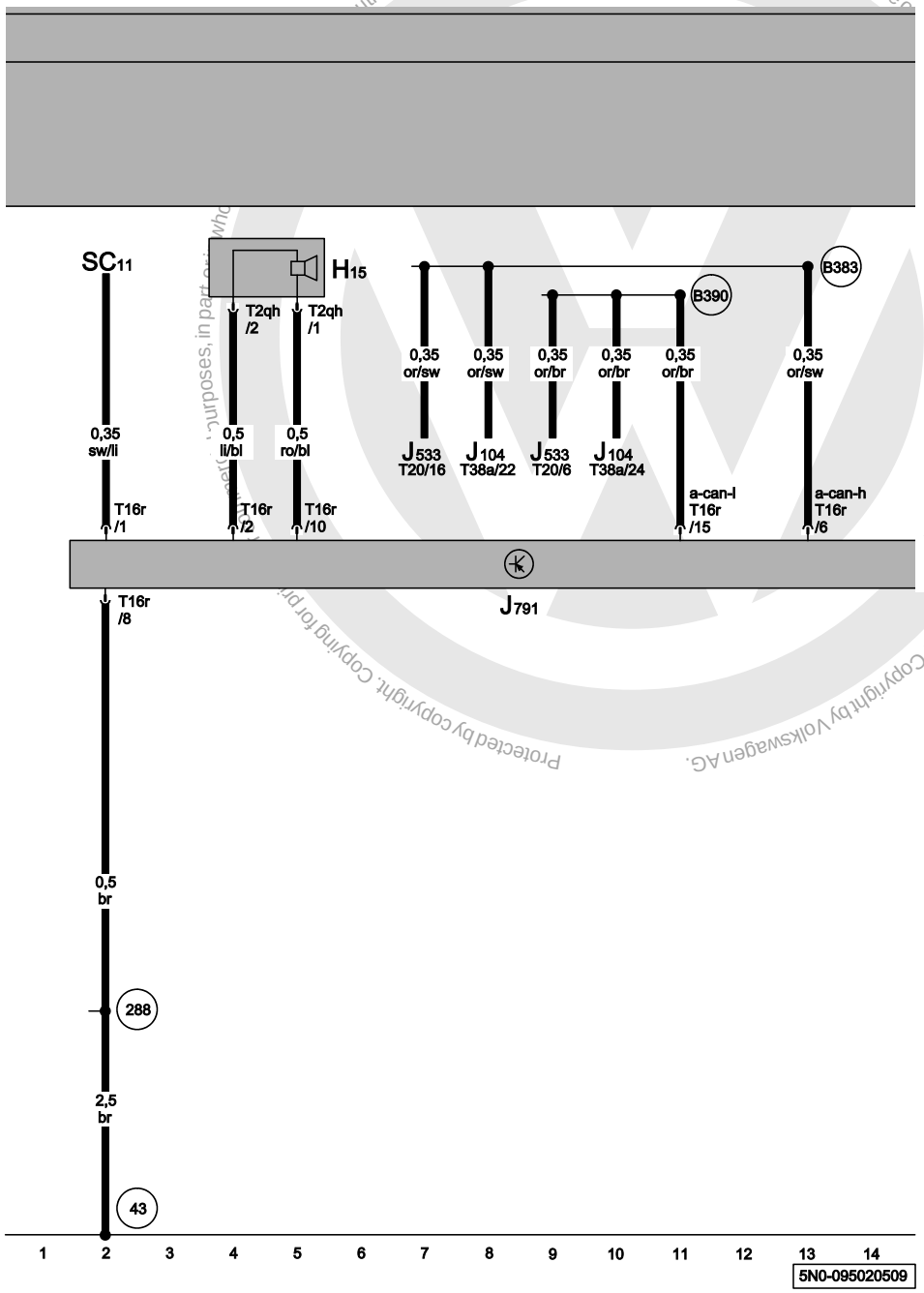
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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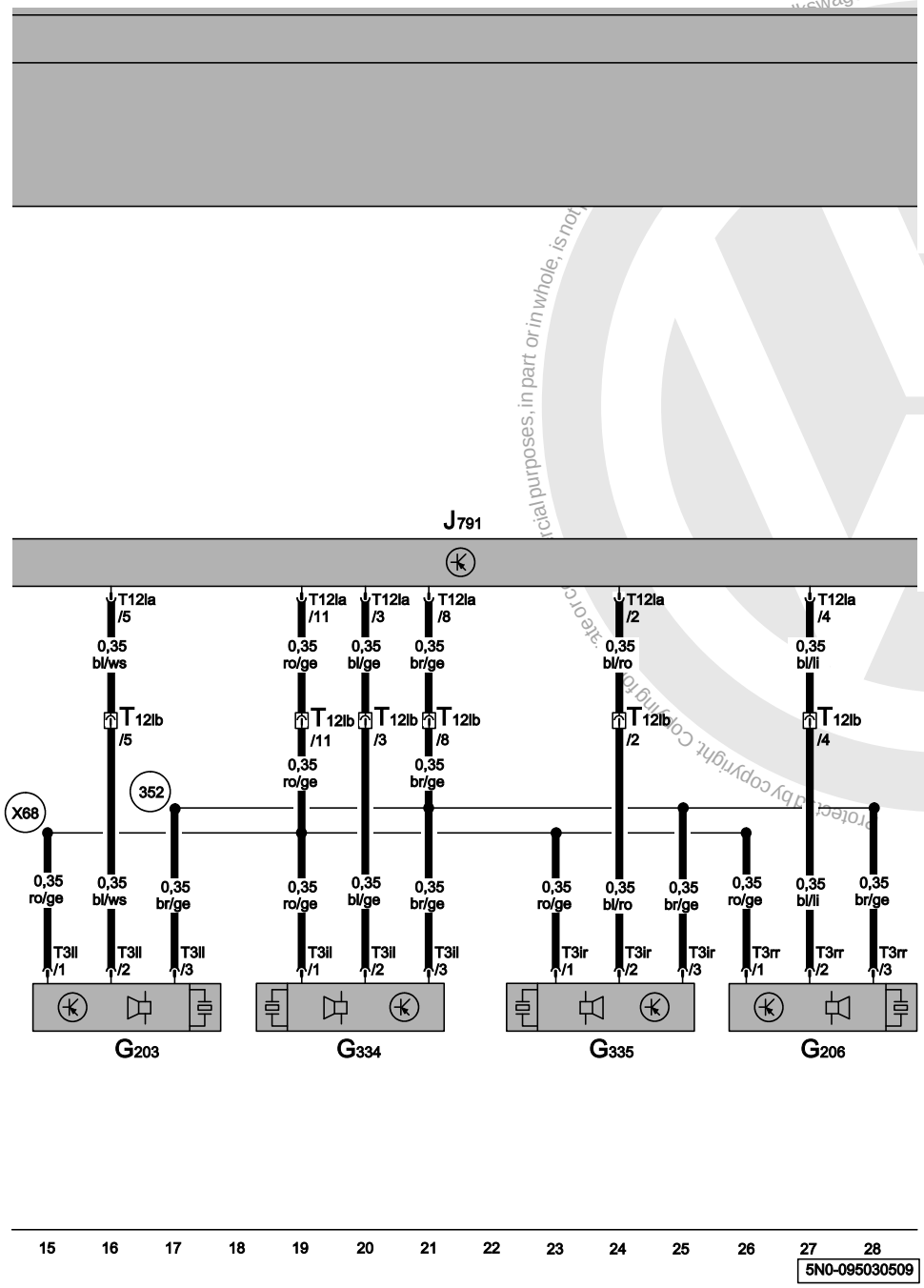


Fuse SC11, park assist steering control unit, warning buzzer for rear parking aid

H15	Rear parking aid warning buzzer
J104	ABS control unit
J533	Data bus diagnostic interface
J791	Park assist steering control unit
SC11	Fuse 11 on fuse holder C
T2qh	2-pin connector, black
T16r	16-pin connector, brown
T20	20-pin connector, red
T38a	38-pin connector, black
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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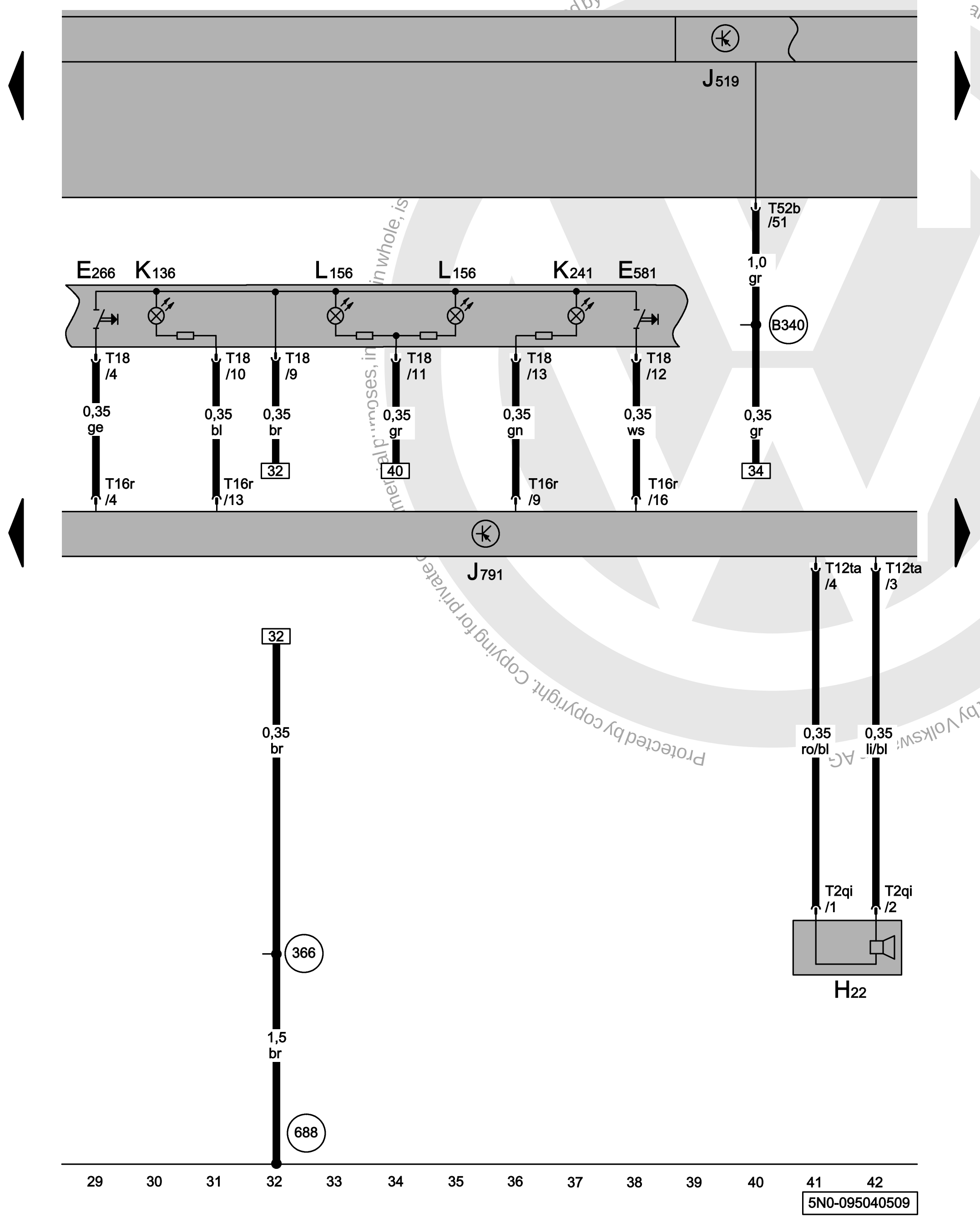


Rear parking aid sender, park assist steering control unit

G203	Rear left parking aid sender
G206	Rear right parking aid sender
G334	Rear left inner parking aid sender
G335	Rear right inner parking aid sender
J791	Park assist steering control unit
T3il	3-pin connector
T3ll	3-pin connector
T3ir	3-pin connector
T3rr	3-pin connector
T12la	12-pin connector, black
T12lb	12-pin connector, black
(352)	Earth connection (parking aid), in rear bumper wiring harness
(X68)	Connection (parking aid), in front bumper wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

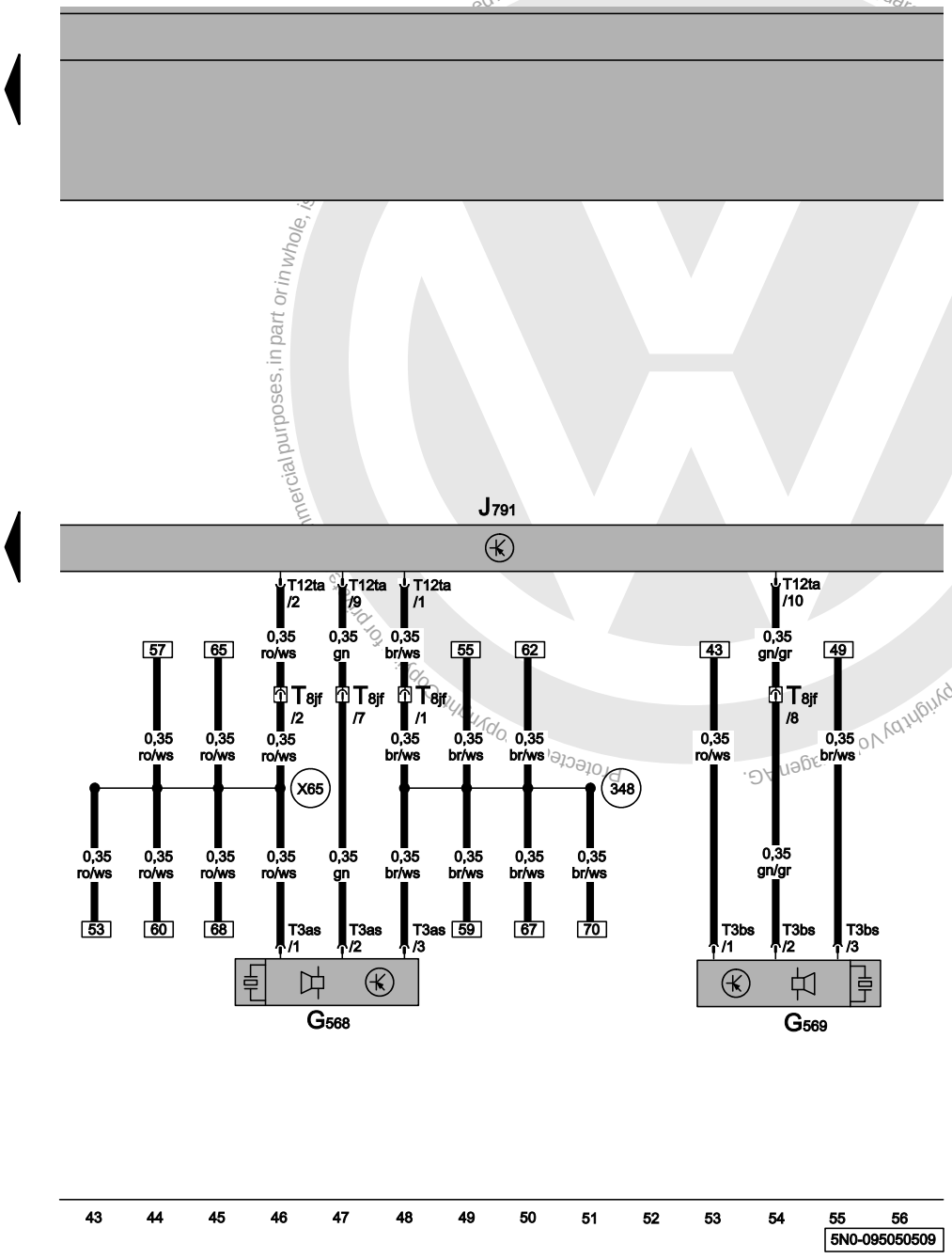
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Park assist steering control unit, parking aid button, park assist steering button, warning buzzer for front parking aid

E266	Parking aid button
E581	Park assist steering button
H22	Front parking aid warning buzzer
J519	Onboard supply control unit
J791	Park assist steering control unit
K136	Parking aid warning lamp
K241	Warning light for park assist steering
L156	Switch illumination bulb
T2qi	2-pin connector, black
T12ta	12-pin connector, brown
T16r	16-pin connector, brown
T18	18-pin connector, black
T52b	52-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2 on centre tunnel
B340	Connection 1 (58d), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Front left and front right senders for park assist steering, park assist steering control unit

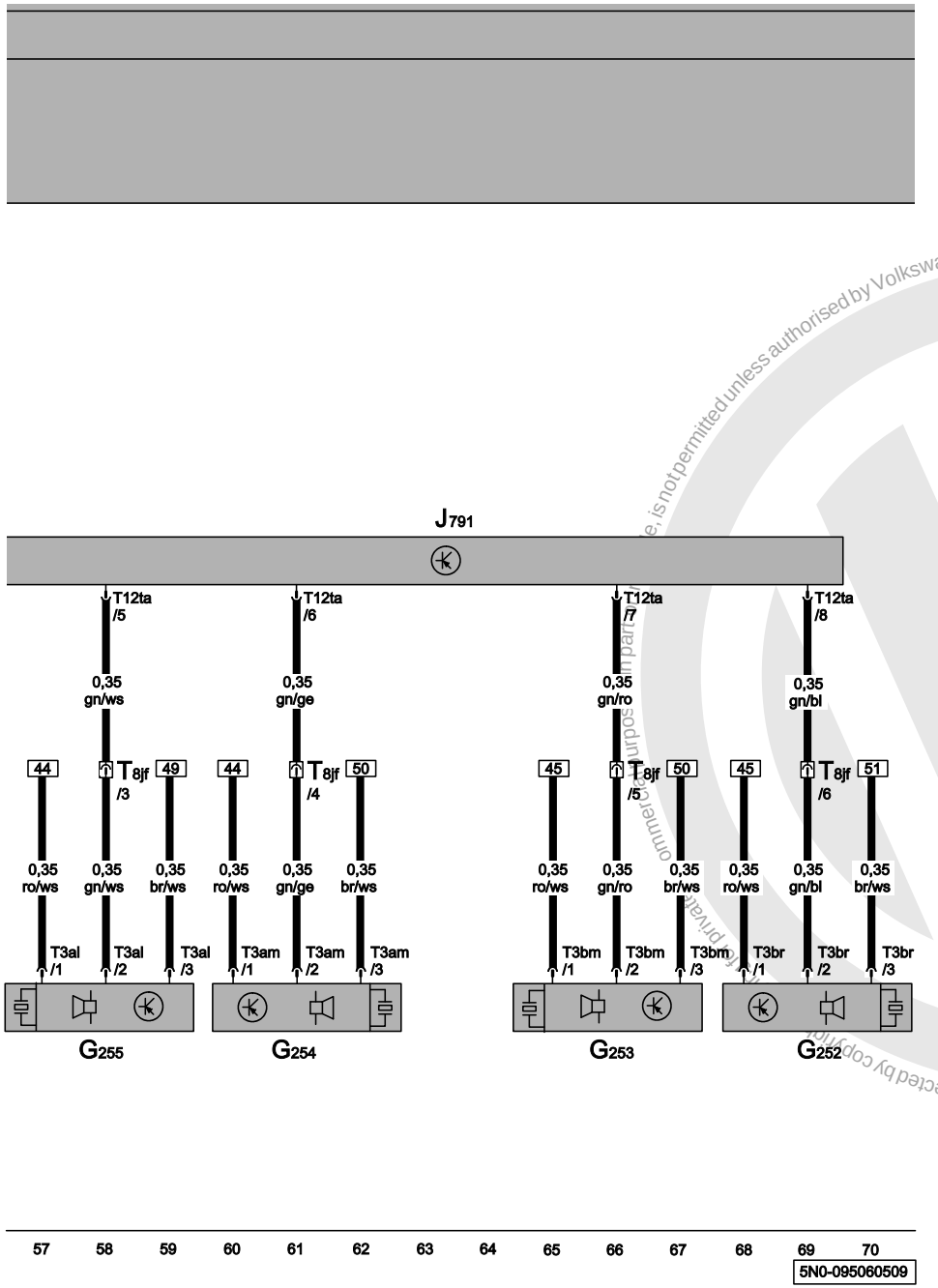
G568	Front left sender for park assist steering on left side of vehicle
G569	Front right sender for park assist steering on right side of vehicle
J791	Park assist steering control unit
T3as	3-pin connector, black
T3bs	3-pin connector, black
T8jf	8-pin connector, black
T12ta	12-pin connector, brown
348	Earth connection (parking aid), in front bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Front and centre left parking aid senders, front and centre right parking aid senders, park assist steering control unit

G252	Front right parking aid sender
G253	Front centre right parking aid sender
G254	Front centre left parking aid sender
G255	Front left parking aid sender
J791	Park assist steering control unit
T3al	3-pin connector
T3am	3-pin connector
T3bm	3-pin connector
T3br	3-pin connector
T8jf	8-pin connector, black
T12ta	12-pin connector, brown



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Auxiliary heater, only models with Climatronic

⇒ **Climatronic**

⇒ **Remote control receiver and preselection clock**

from May 2009

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

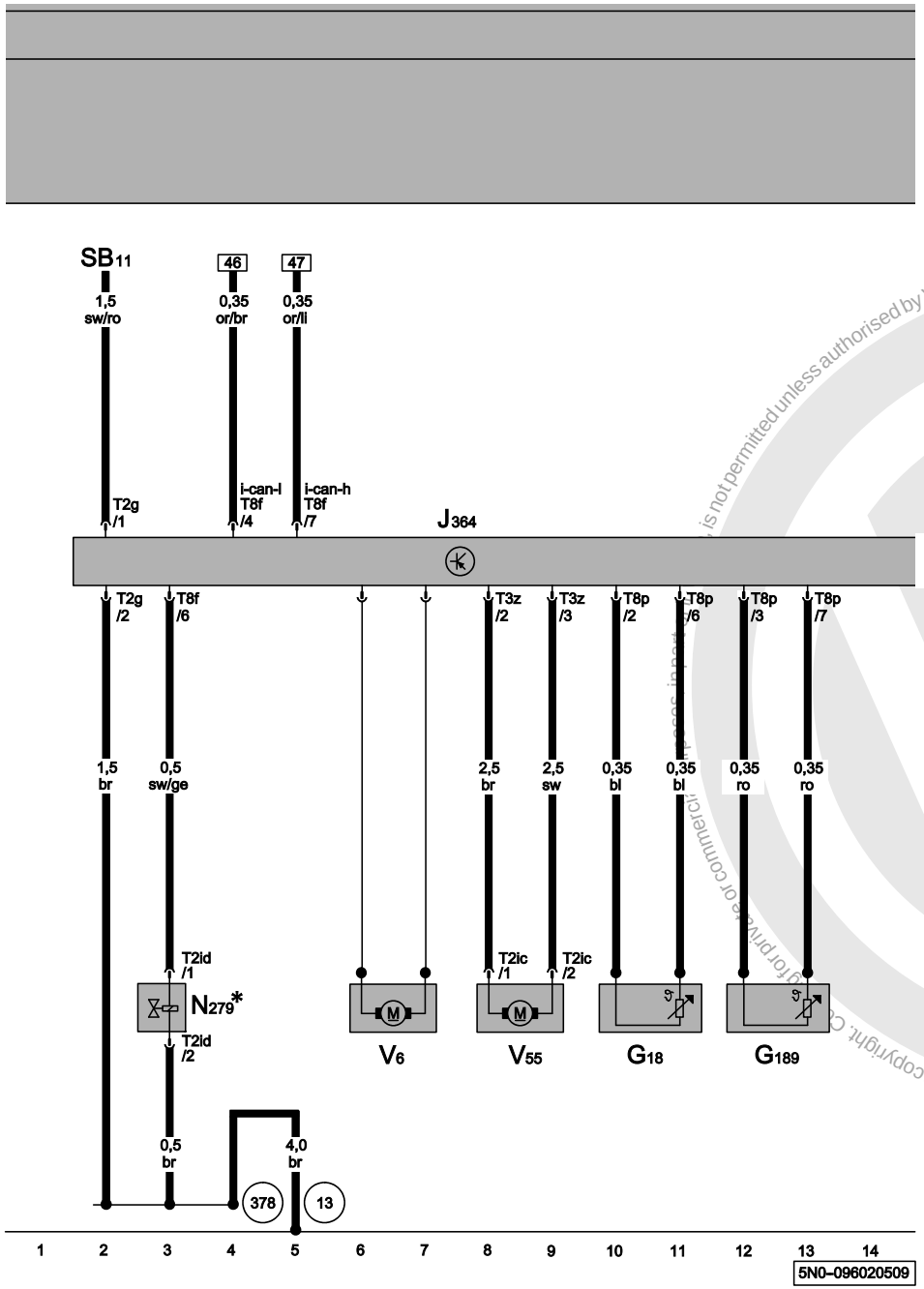
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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Heater coolant shut-off valve, auxiliary heater control unit, temperature sensor, overheating sensor, circulating pump, combustion air blower

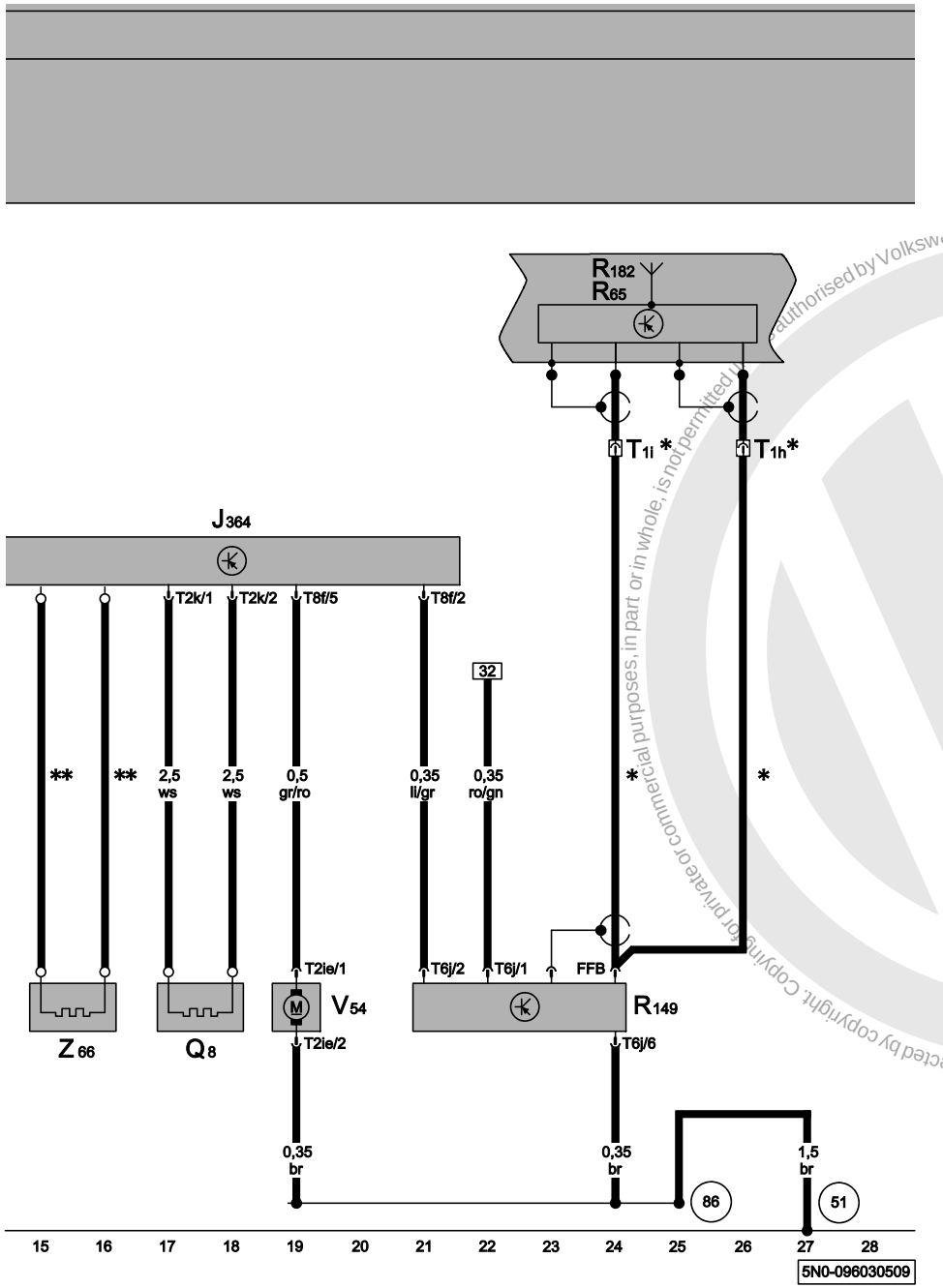
G18	Temperature sensor
G189	Overheating sensor
J364	Auxiliary heater control unit
N279	Heater coolant shut-off valve
SB11	Fuse 11 on fuse holder B
T2g	2-pin connector, black
T2ic	2-pin connector
T2id	2-pin connector
T3z	3-pin connector
T8f	8-pin connector, black
T8p	8-pin connector
V6	Combustion air blower
V55	Circulation pump
13	Earth point, on right in engine compartment
378	Earth connection 13, in main wiring harness
*	Depending on equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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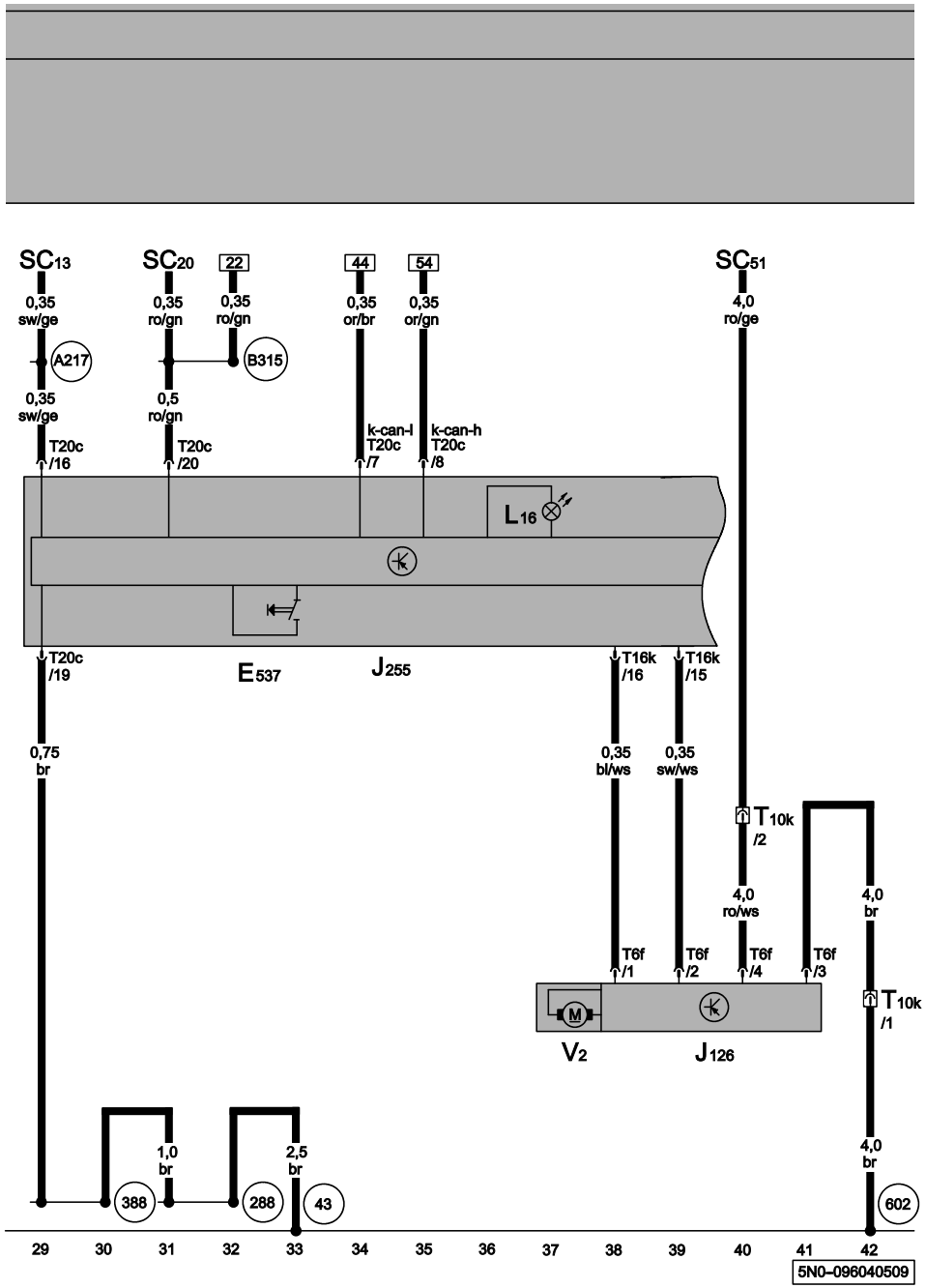
Metering pump, remote control receiver for auxiliary coolant heater, glow plug with flame monitor, fuel pre-heating heater element, auxiliary heater control unit

J364	Auxiliary heater control unit
Q8	Glow plug with flame monitor
R65	Telephone aerial
R149	Remote control receiver for auxiliary coolant heater
R182	Auxiliary heater aerial
T1h	Single connector
T1i	Single connector
T2ie	2-pin connector, black
T2k	2-pin connector
T6j	6-pin connector, blue
T8f	8-pin connector, black
V54	Metering pump
Z66	Fuel pre-heating heater element
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
*	Depending on equipment
**	Only models with a diesel engine



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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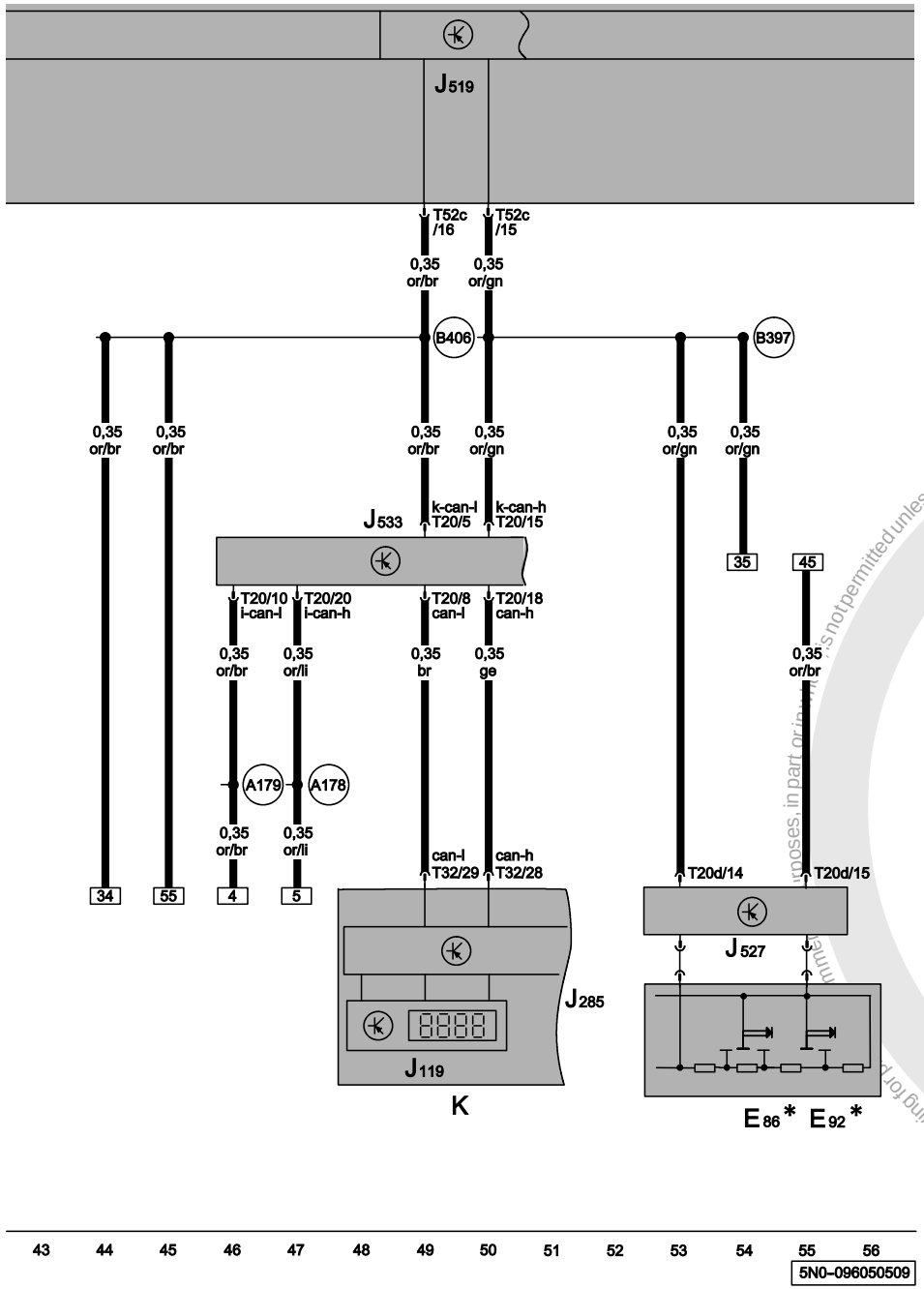


Fresh air blower, Climatronic control unit, fresh air blower control unit, immediate heat button

E537	Instant heating button
J126	Fresh air blower control unit
J255	Climatronic control unit
L16	Fresh air regulator illumination bulb
SC13	Fuse 13 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC51	Fuse 51 on fuse holder C
T6f	6-pin connector, brown
T10k	10-pin connector, black
T16k	16-pin connector
T20c	20-pin connector, black
V2	Fresh air blower
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 16, in main wiring harness
602	Earth point, in front left footwell
A217	Positive connection 8 (15a) in dash panel wiring harness
B315	Connection 1 (30a), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Multifunction display call-up button, data bus diagnosis interface, Multifunction display reset button, steering column electronics control unit, dash panel insert

E86	Multifunction display call-up button
E92	Reset button
J119	Multifunction display
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
K	Dash panel insert
T20	20-pin connector, red
T20d	20-pin connector, black
T32	32-pin connector
T52c	52-pin connector, brown
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Depends on equipment

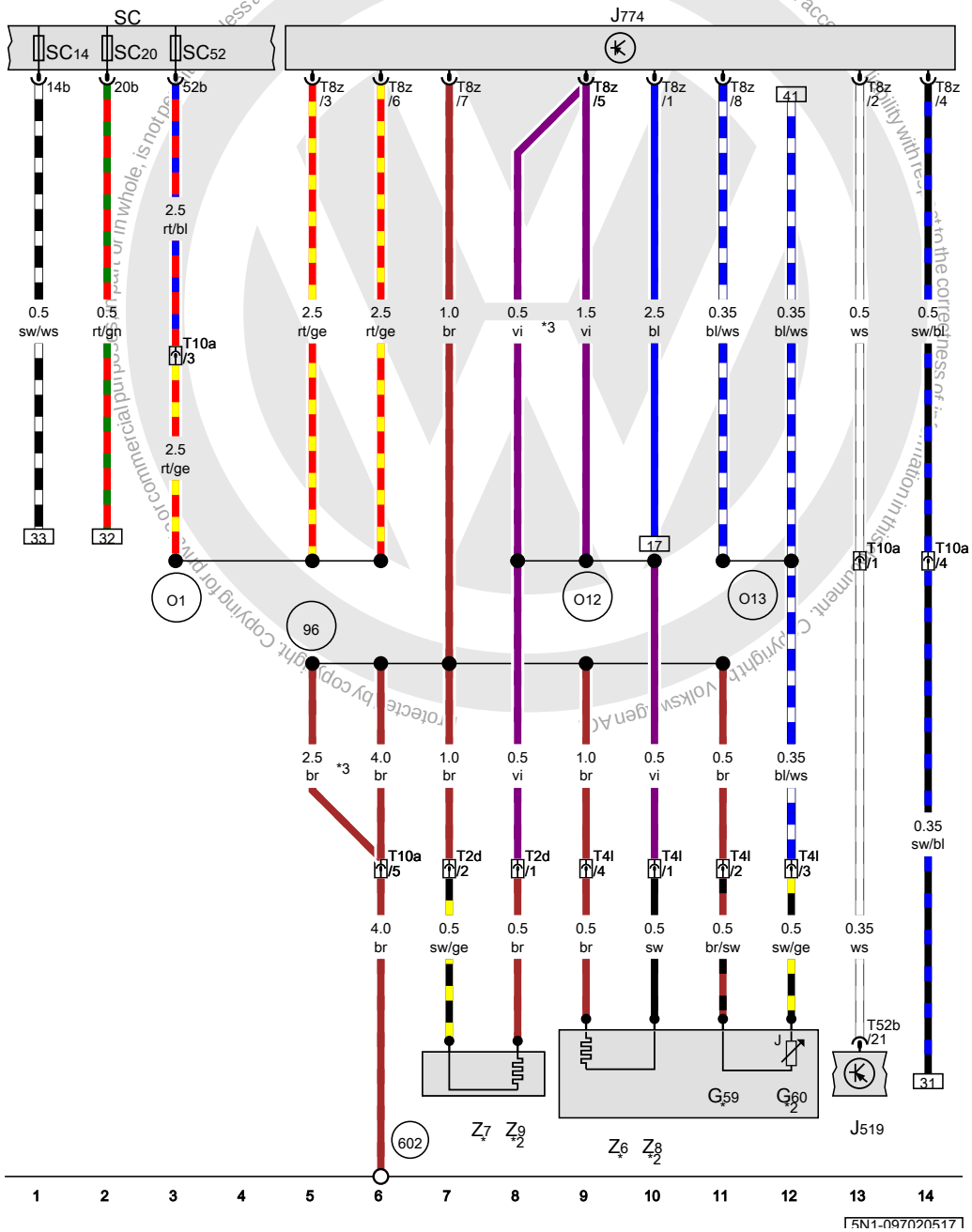
ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
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Seat heating , (4A3)

From May 2009

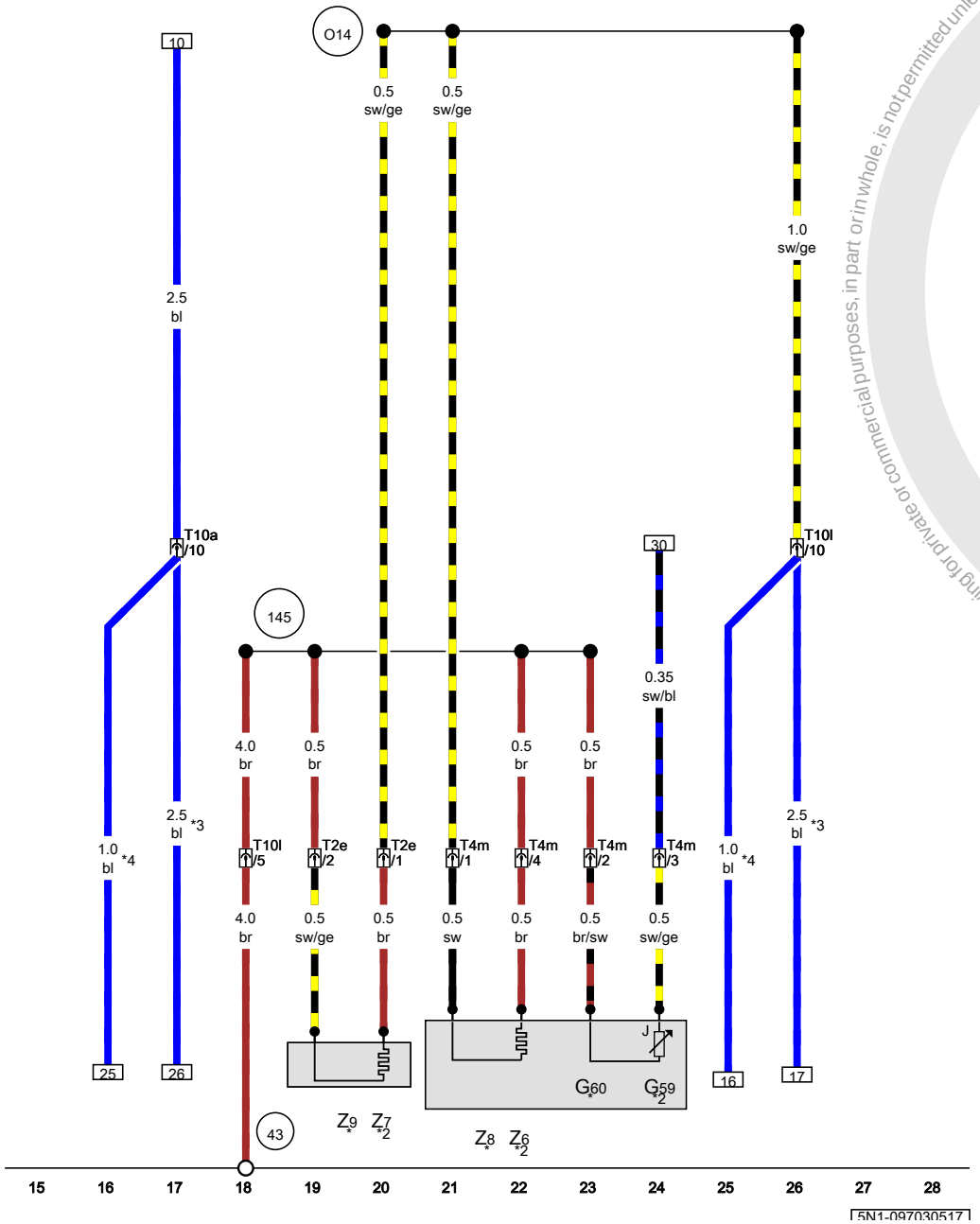


Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat

G59	Driver seat temperature sensor
G60	Front passenger seat temperature sensor
J519	Onboard supply control unit
J774	Heated front seats control unit
SC	Fuse holder C
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC52	Fuse 52 on fuse holder C
T2d	2-pin connector
T4l	4-pin connector
T8z	8-pin connector
T10a	10-pin connector
T52b	52-pin connector
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
96	Earth connection 1, in seat heating wiring harness
602	Earth point, in front left footwell
O1	Positive connection (30), in seat heating wiring harness
O12	Connection 1, in seat heating wiring harness
O13	Connection 2, in seat heating wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

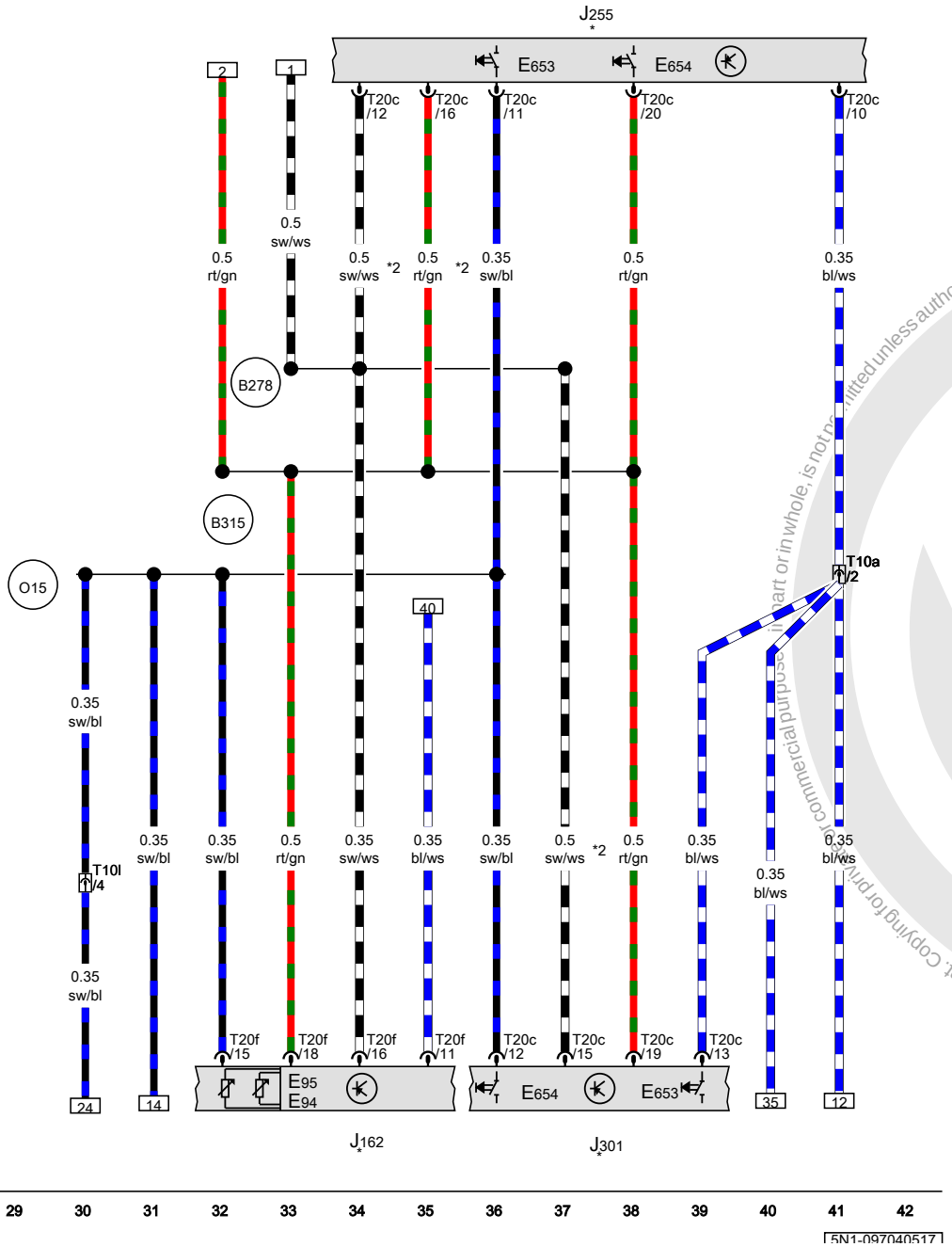
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Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

G59	Driver seat temperature sensor
G60	Front passenger seat temperature sensor
T2e	2-pin connector
T4m	4-pin connector
T10a	10-pin connector
T10l	10-pin connector
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
43	Earth point, lower part of right A-pillar
145	Earth connection 3, in seat heating wiring harness
O14	Connection 3, in seat heating wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	Up to May 2011
*4	From May 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Heater control unit, Climatronic control unit, Air conditioning system control unit

E94	Heated driver seat regulator
E95	Heated front passenger seat regulator
E653	Button for left seat heating
E654	Button for right seat heating
J162	Heater control unit
J255	Climatronic control unit
J301	Air conditioning system control unit
T10a	10-pin connector
T10l	10-pin connector
T20c	20-pin connector
T20f	20-pin connector
B278	Positive connection 2 (15a) in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
O15	Connection 4, in seat heating wiring harness
*	According to equipment
*2	Up to May 2010

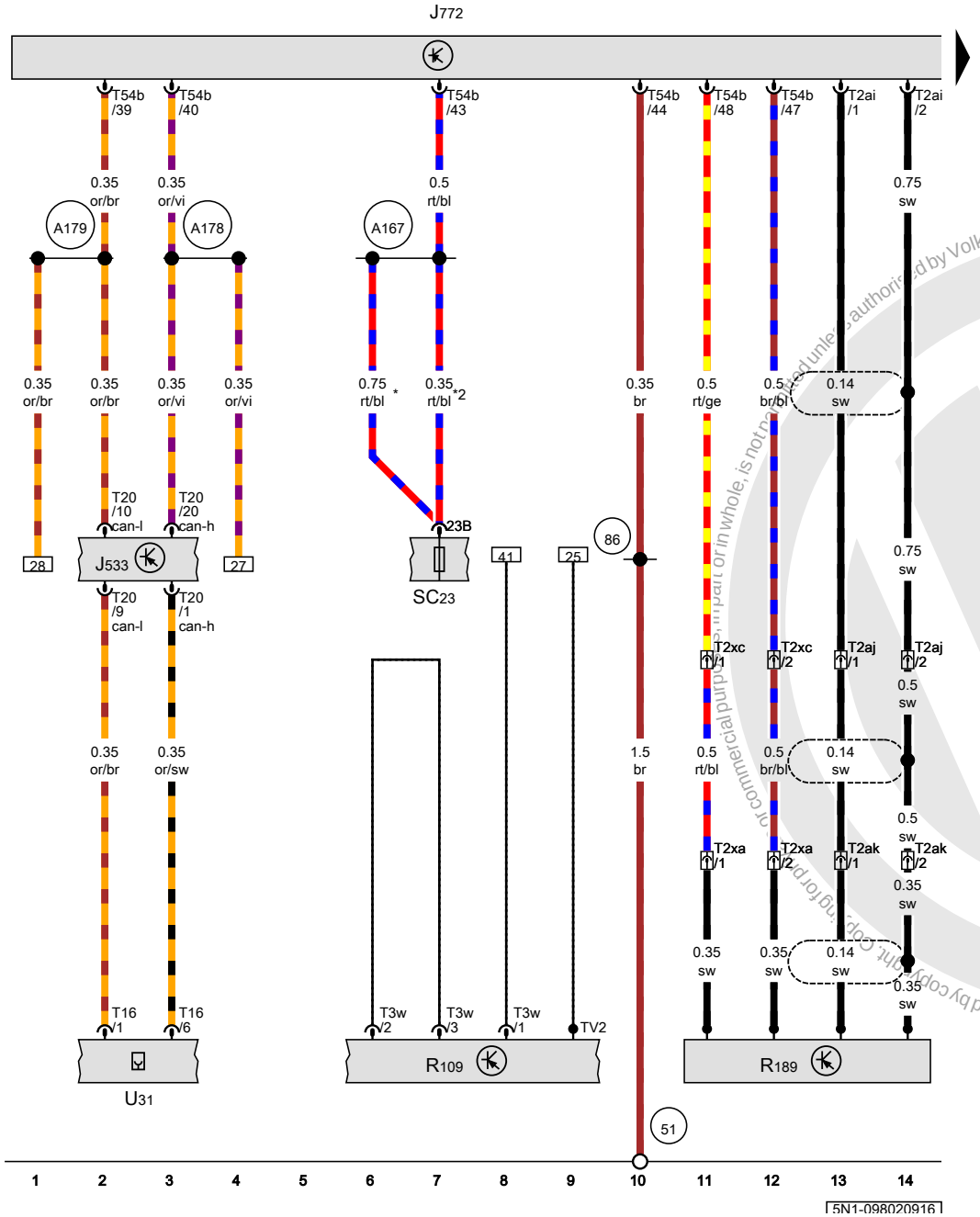
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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ge	=	yellow
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Reversing camera (Rear Assist) , (7X9),(KA2),(QV1),(QV2)

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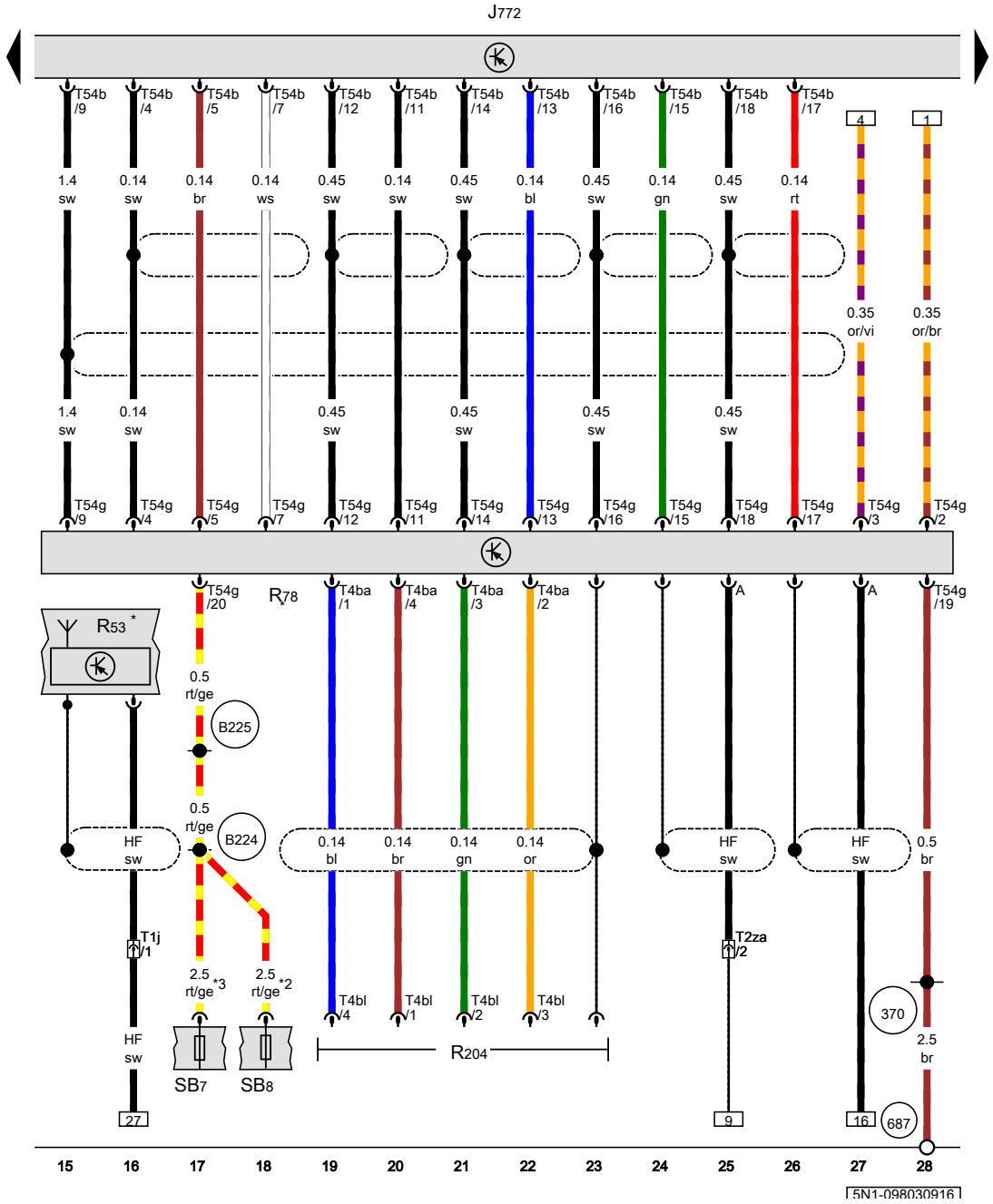
Data bus diagnostic interface, Reversing camera system control unit, Right aerial module, Reversing camera, Fuse 23 on fuse holder C

J533	Data bus diagnostic interface
J772	Reversing camera system control unit
R109	Right aerial module
R189	Reversing camera
SC23	Fuse 23 on fuse holder C
T2ai	2-pin connector
T2aj	2-pin connector
T2ak	2-pin connector
T2xa	2-pin connector
T2xc	2-pin connector
T3w	3-pin connector
T16	16-pin connector
T20	20-pin connector
T54b	54-pin connector
U31	Diagnostic connection
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	From November 2010
*2	Up to November 2010

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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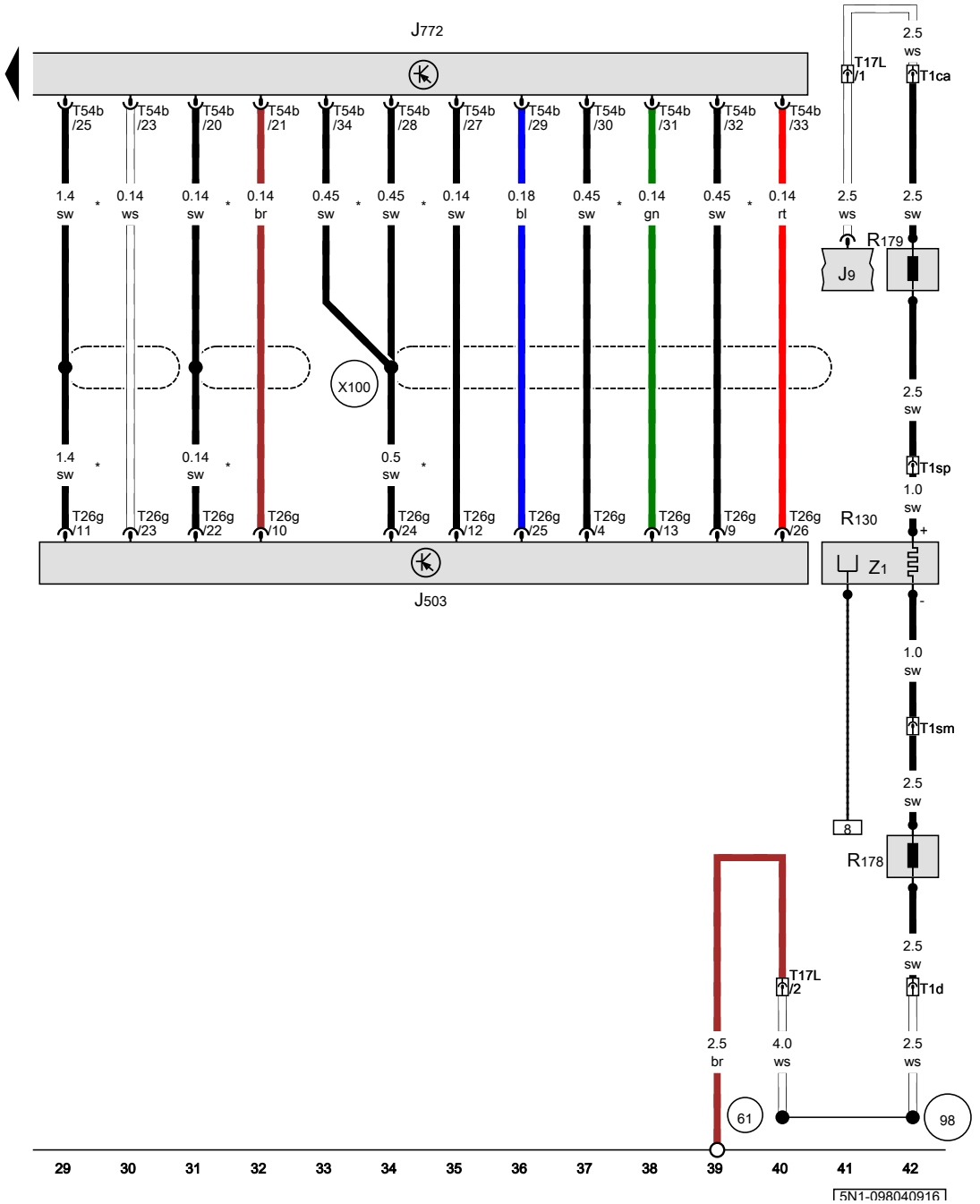
Reversing camera system control unit, TV aerial, TV tuner, TV card reader, Fuse 8 on fuse holder B



J772	Reversing camera system control unit
R53	TV aerial
R78	TV tuner
R204	TV card reader
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T1j	1-pin connector
T2za	2-pin connector
T4ba	4-pin connector
T4bl	4-pin connector
T54b	54-pin connector
T54g	54-pin connector
370	Earth connection 5, in main wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
B225	Connection 2 (radio), in interior wiring harness
*	Only models with TV tuner
*2	Up to May 2011
*3	From May 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Control unit with display for radio and navigation, Reversing camera system control unit, Rear window aerial 1, Frequency modulation (FM) frequency filter in negative wire, Frequency modulation (FM) frequency filter in positive wire

J9	Heated rear window relay
J503	Control unit with display for radio and navigation
J772	Reversing camera system control unit
R130	Rear window aerial 1
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T1ca	1-pin connector
T1d	1-pin connector
T1sm	1-pin connector
T1sp	1-pin connector
T17L	17-pin connector
T26g	26-pin connector
T54b	54-pin connector
Z1	Heated rear window
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
X100	Connection (screening), in optional equipment wiring harness
*	Different wire colour possible

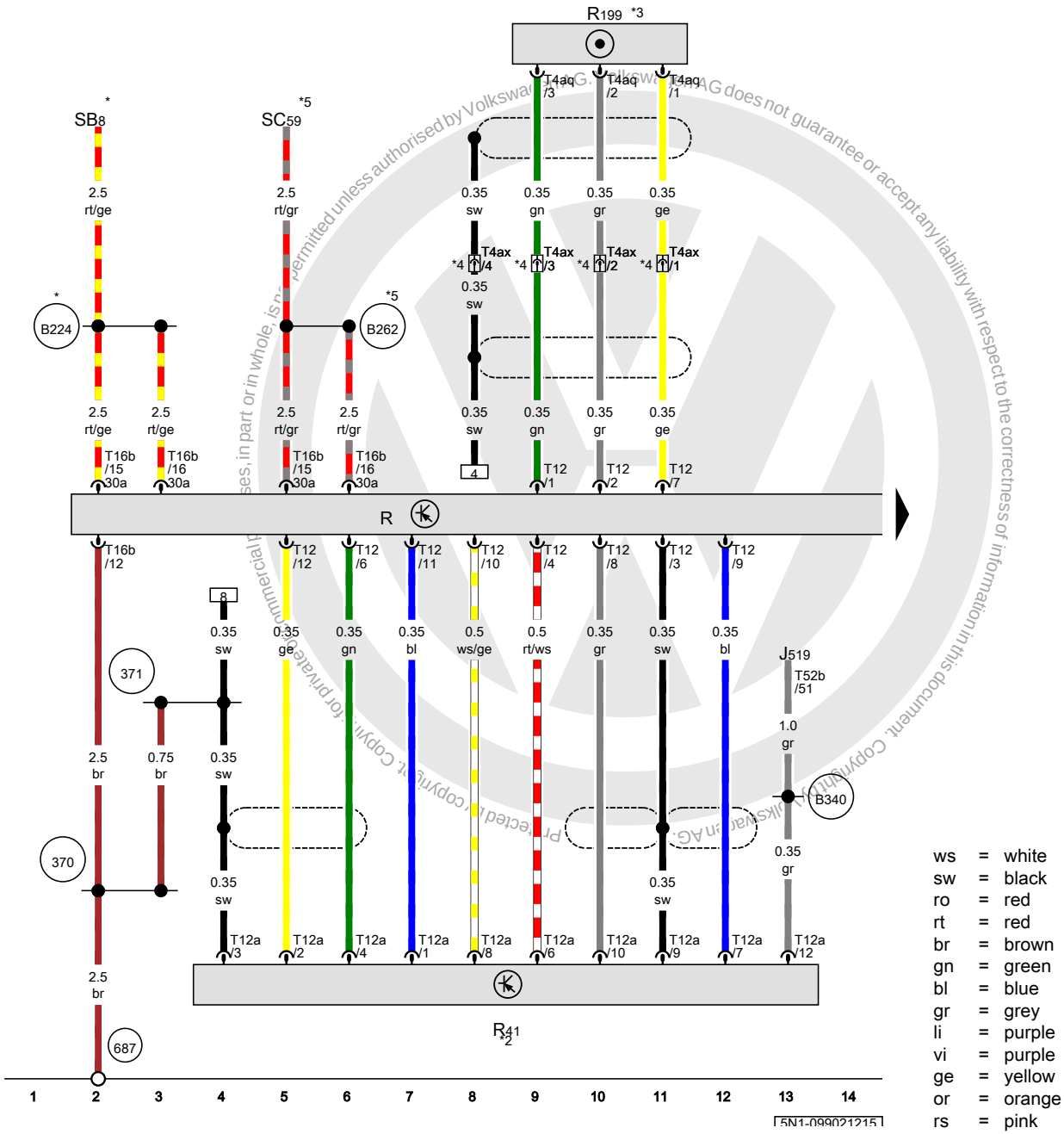
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ge	=	yellow
or	=	orange
rs	=	pink

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Radio system RCD 510 , (8AX),(8AI),(8DD),(8US)

From May 2009

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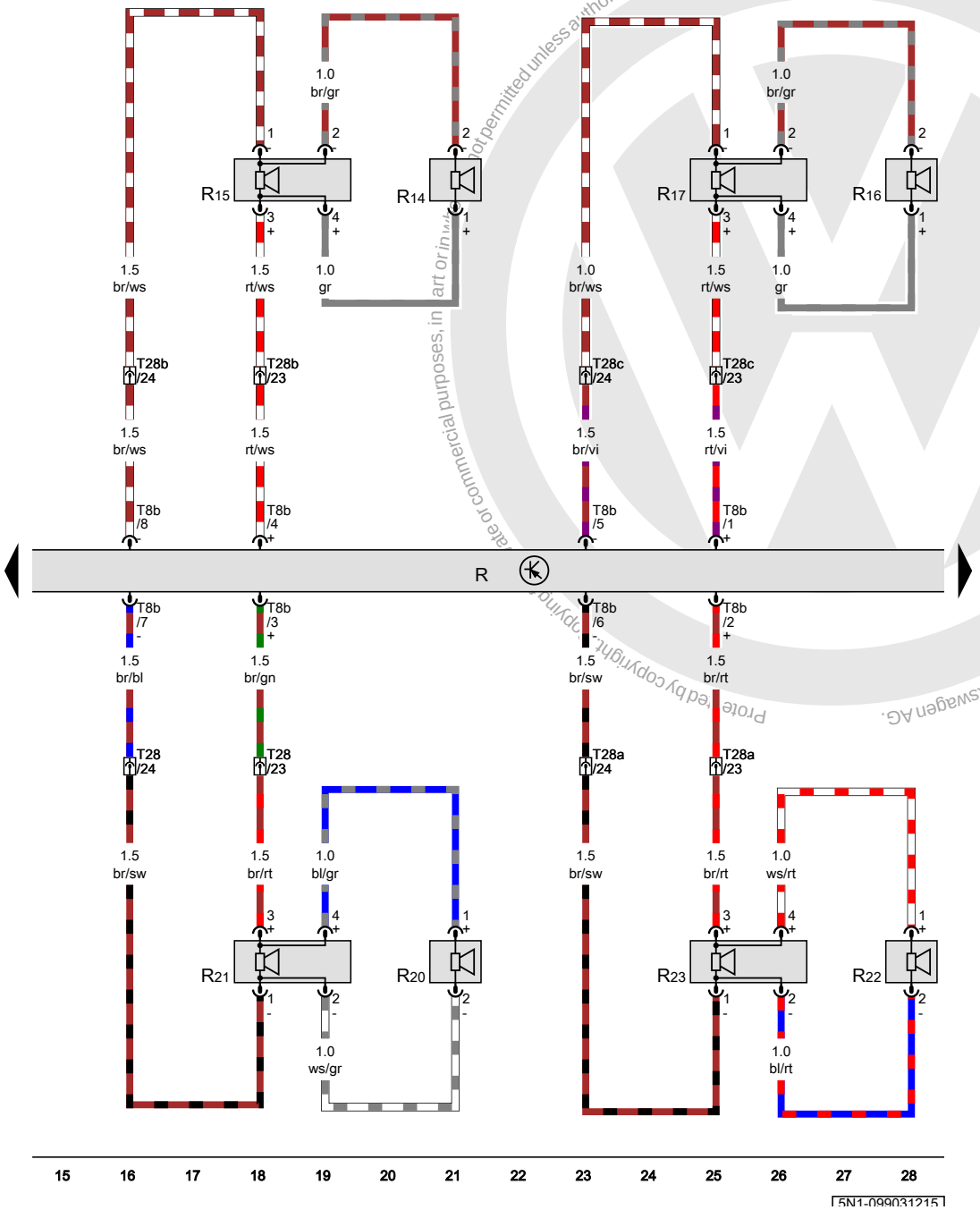


Radio, CD changer, Connection for external audio sources

J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
SB8	Fuse 8 on fuse holder B
SC59	Fuse 59 on fuse holder C
T4aq	4-pin connector
T4ax	4-pin connector
T12	12-pin connector
T12a	12-pin connector
T16b	16-pin connector
T52b	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with no start/stop system
*2	Only models with CD changer/ prepared for CD changer
*3	According to equipment
*4	Only models with centre armrest
*5	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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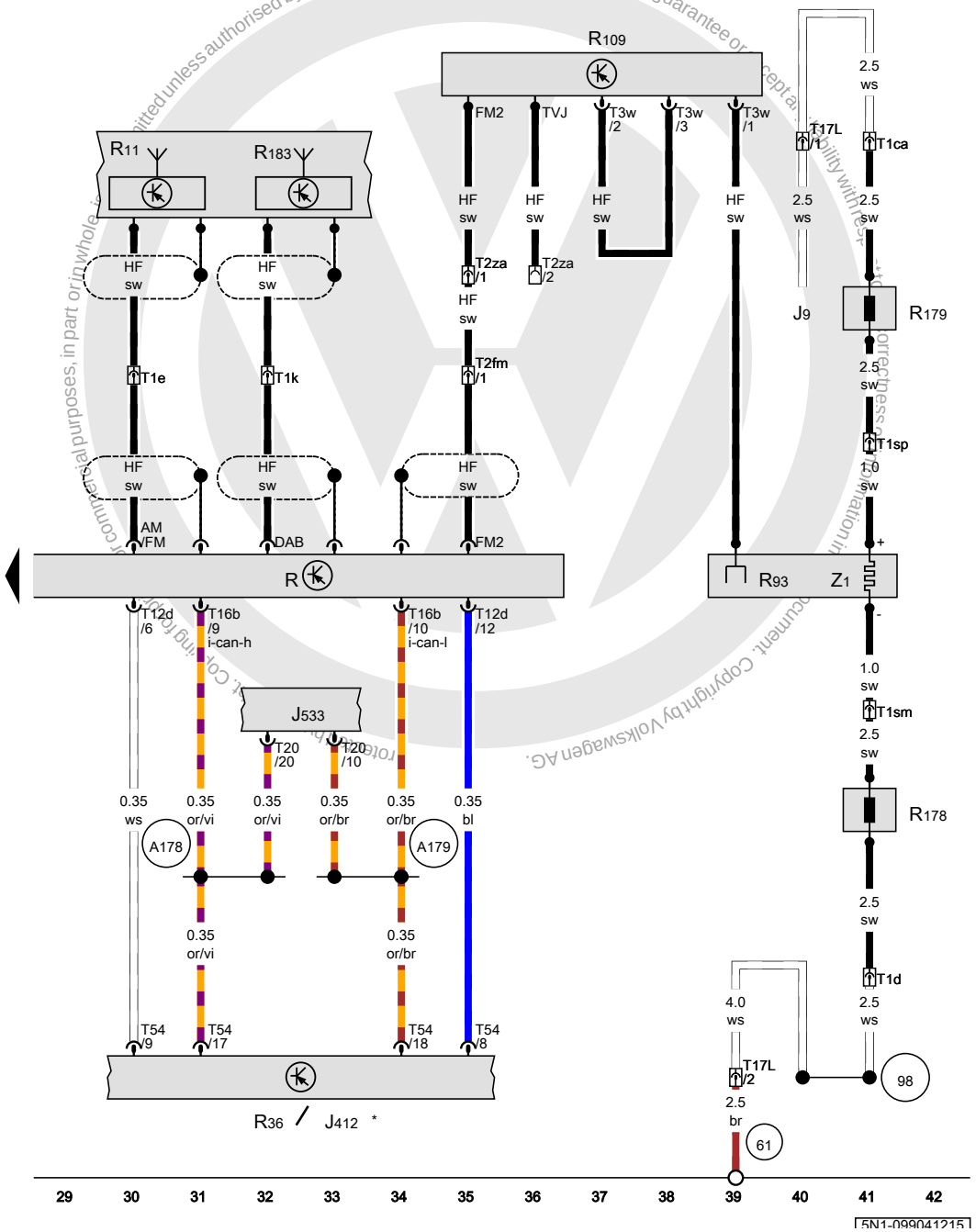


Radio, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

R	Radio
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T8b	8-pin connector
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Radio, Aerial, Telephone transmitter and receiver unit, Right aerial module, Heated rear window

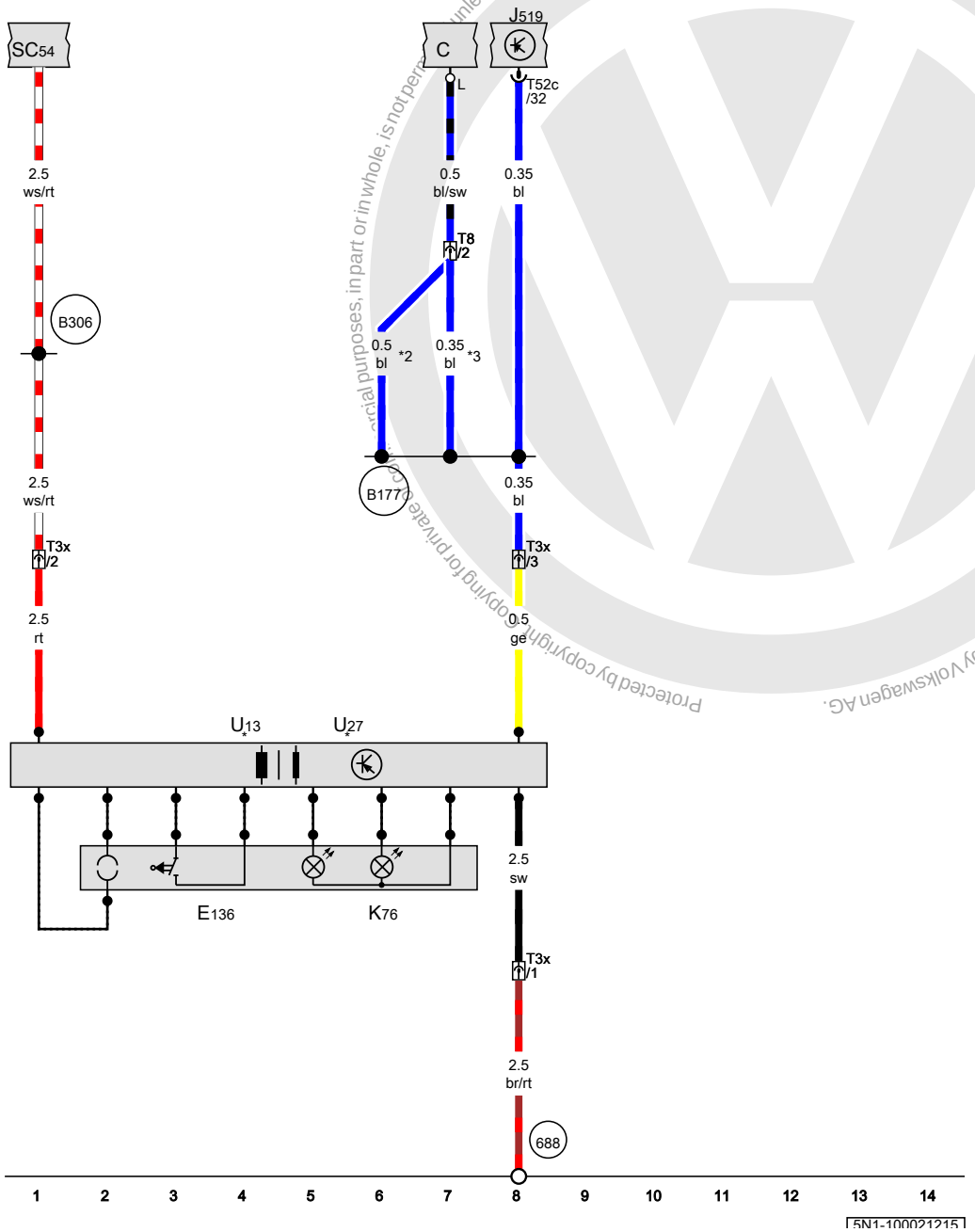
J9	Heated rear window relay
J412	Mobile telephone operating electronics control unit
J533	Data bus diagnostic interface
R	Radio
R11	Aerial
R36	Telephone transmitter and receiver unit
R93	Radio aerial 2
R109	Right aerial module
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
R183	Digital radio aerial
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1k	Single connector
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T12d	12-pin connector
T16b	16-pin connector
T17L	17-pin connector
T20	20-pin connector
T54	54-pin connector
Z1	Heated rear window
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	According to equipment

Interior socket, 230 V, 110 V and 12 V socket, cigarette lighter , (7B2),(7B3)

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DC/AC converter switch, Onboard supply control unit, Electric socket warning lamp, DC/AC converter with socket, 12 V - 230 V, DC/AC converter with socket, 12 V - 115 V

C	Alternator
E136	DC/AC converter switch
J519	Onboard supply control unit
K76	Electric socket warning lamp
SC54	Fuse 54 on fuse holder C
T3x	3-pin connector
T8	8-pin connector
T52c	52-pin connector
U13	DC/AC converter with socket, 12 V - 230 V
U27	DC/AC converter with socket, 12 V - 115 V
688	Earth point 2, on centre tunnel
B177	Connection (61), in interior wiring harness
B306	Positive connection 10 (30), in main wiring harness
*	According to equipment
*2	From May 2013
*3	Up to May 2013

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

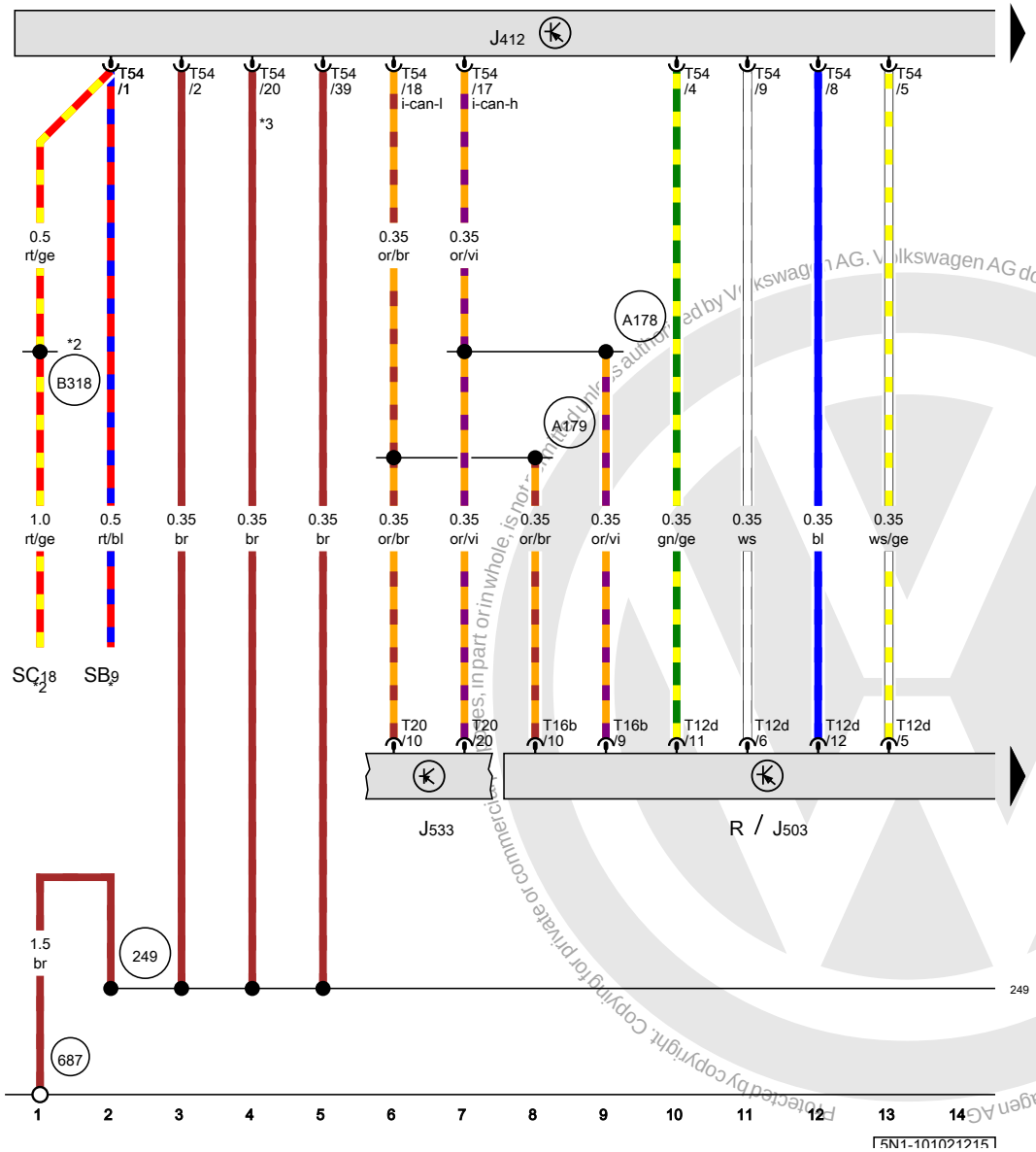
Universal preparation for mobile telephone (UHV) - Low , (9W2),(9W8)

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Mobile telephone operating electronics control unit, Control unit with display for radio and navigation, Radio

J412	Mobile telephone operating electronics control unit
J503	Control unit with display for radio and navigation
J533	Data bus diagnostic interface
R	Radio
SB9	Fuse 9 on fuse holder B
SC18	Fuse 18 on fuse holder C
T2	2-pin connector
T12d	12-pin connector
T16b	16-pin connector
T20	20-pin connector
T54	54-pin connector
249	Earth connection 2, in interior wiring harness
687	Earth point 1, on centre tunnel
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	Only models with no start/stop system
*2	Only models with start/stop system
*3	Up to May 2010

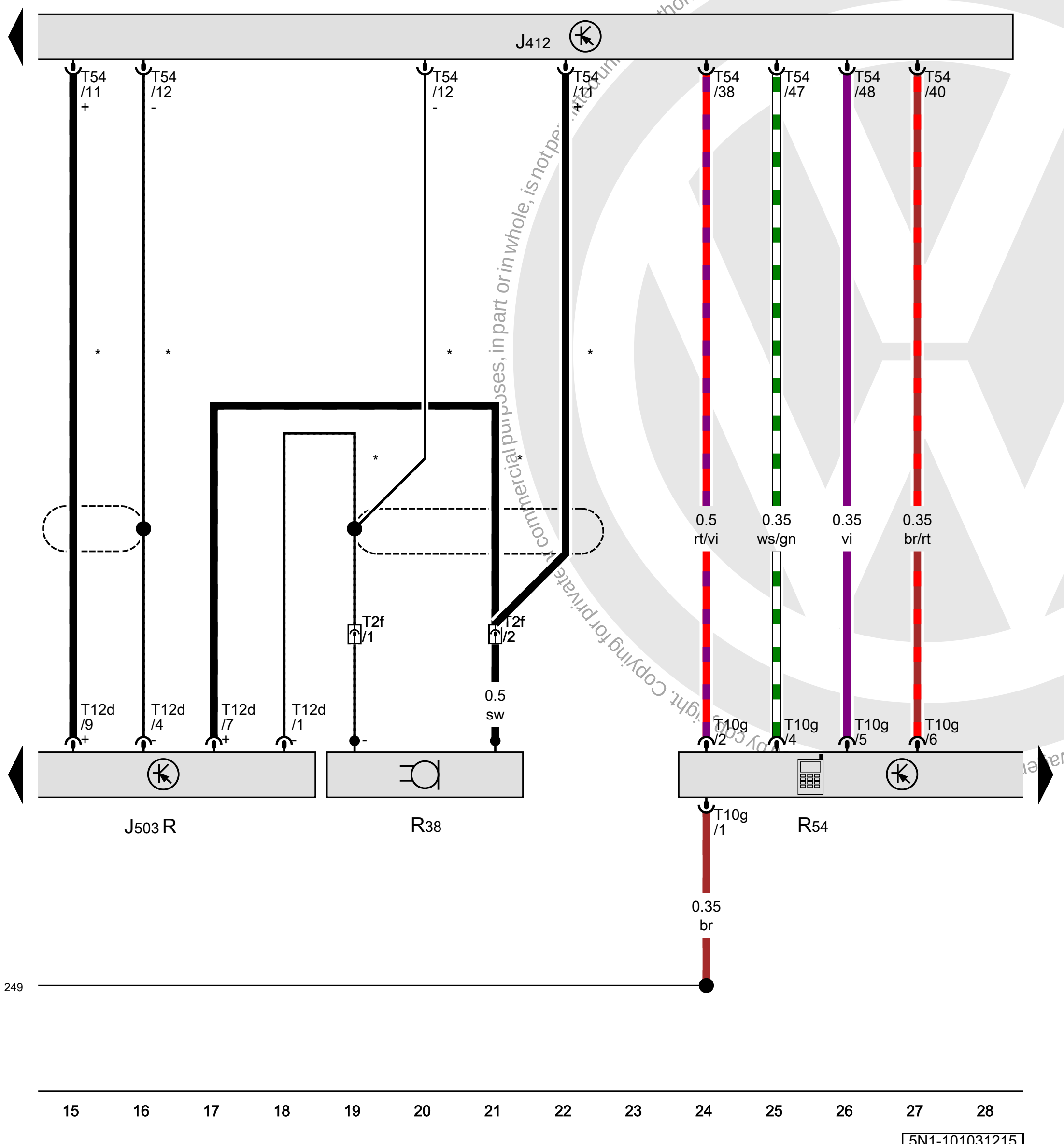


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Mobile telephone operating electronics control unit, Control unit with display for radio and navigation, Radio, Telephone microphone, Mobile telephone

J412	Mobile telephone operating electronics control unit
J503	Control unit with display for radio and navigation
R	Radio
R38	Telephone microphone
R54	Mobile telephone
T2f	2-pin connector
T10g	10-pin connector
T12d	12-pin connector
T54	54-pin connector
249	Earth connection 2, in interior wiring harness
*	According to equipment

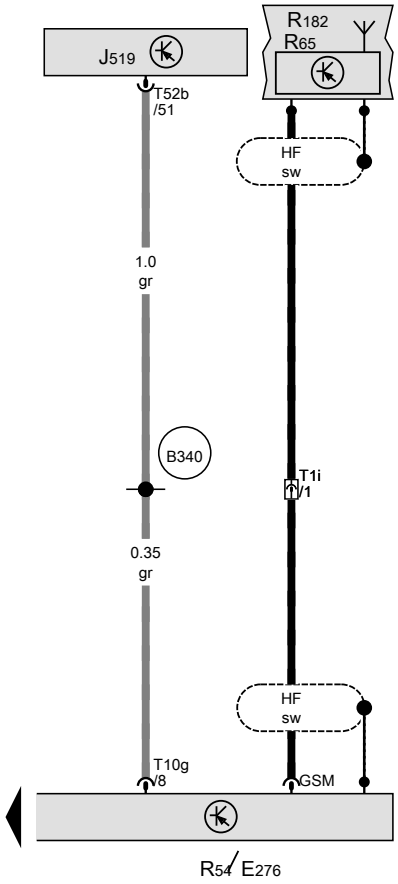


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Emergency assistance call button, Onboard supply control unit, Mobile telephone, Telephone aerial, Auxiliary heater aerial

E276	Emergency assistance call button
J519	Onboard supply control unit
R54	Mobile telephone
R65	Telephone aerial
R182	Auxiliary heater aerial
T1i	Single connector
T10g	10-pin connector
T52b	52-pin connector
B340	Connection 1 (58d), in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

29 30 31 32 33 34 35 36 37 38 39 40 41 42

5N1-1010412151

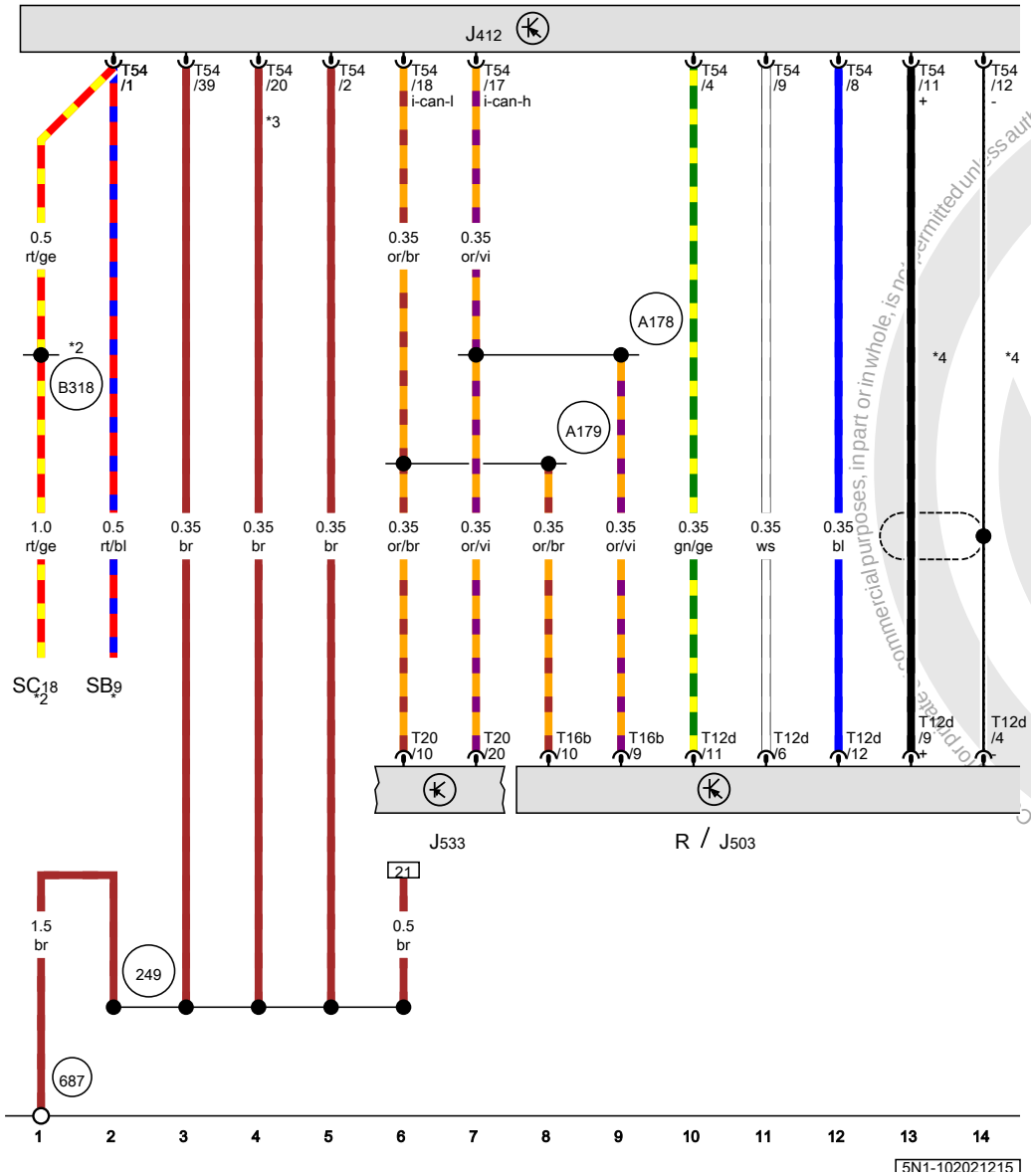
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Universal preparation for mobile telephone (UHV) - Premium, Bluetooth , (9ZB),(9ZU),(9W3),(9W7)

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Mobile telephone operating electronics control unit, Control unit with display for radio and navigation, Radio, Fuse 9 on fuse holder B

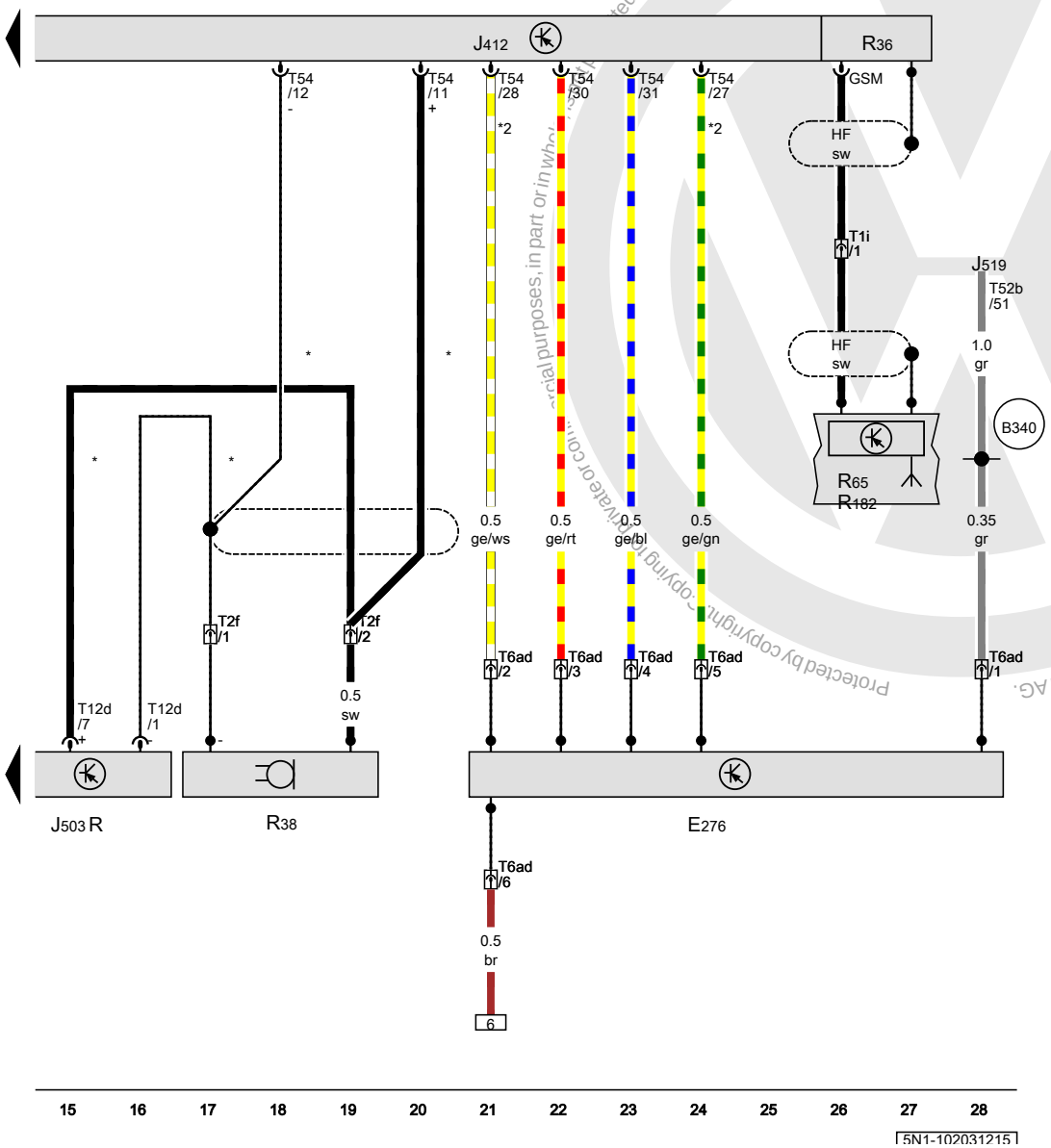


J412	Mobile telephone operating electronics control unit
J503	Control unit with display for radio and navigation
J533	Data bus diagnostic interface
R	Radio
SB9	Fuse 9 on fuse holder B
SC18	Fuse 18 on fuse holder C
T12d	12-pin connector
T16b	16-pin connector
T20	20-pin connector
T54	54-pin connector
249	Earth connection 2, in interior wiring harness
687	Earth point 1, on centre tunnel
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	Only models with no start/stop system
*2	Only models with start/stop system
*3	Up to May 2010
*4	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Emergency assistance call button, Mobile telephone operating electronics control unit, Control unit with display for radio and navigation, Onboard supply control unit, Radio, Telephone microphone, Telephone aerial, Auxiliary heater aerial

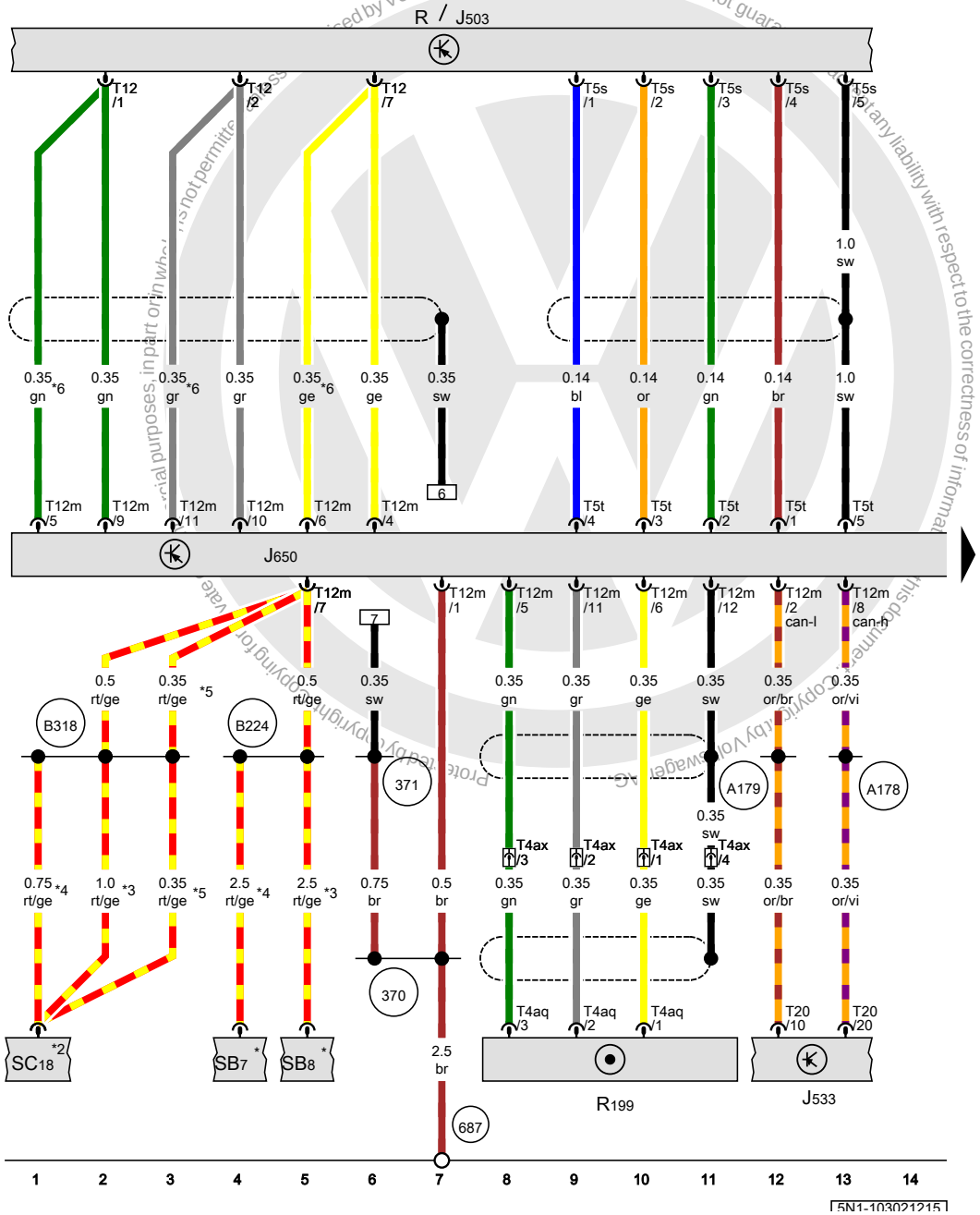
E276	Emergency assistance call button
J412	Mobile telephone operating electronics control unit
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R	Radio
R36	Telephone transmitter and receiver unit
R38	Telephone microphone
R65	Telephone aerial
R182	Auxiliary heater aerial
T1i	Single connector
T2f	2-pin connector
T6ad	6-pin connector
T12d	12-pin connector
T52b	52-pin connector
T54	54-pin connector
B340	Connection 1 (58d), in main wiring harness
*	According to equipment
*2	Up to May 2010

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Multimedia socket MEDIA-IN , (9WL)

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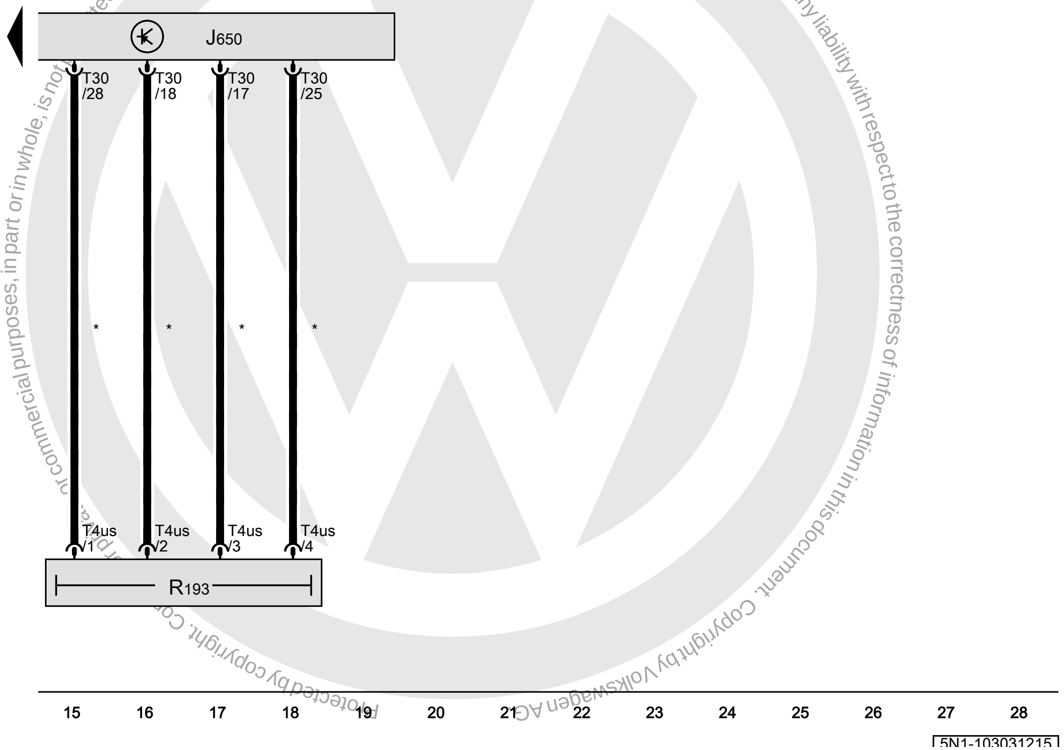
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit with display for radio and navigation, Multimedia system control unit, Radio, Connection for external audio sources

J503	Control unit with display for radio and navigation
J533	Data bus diagnostic interface
J650	Multimedia system control unit
R	Radio
R199	Connection for external audio sources
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SC18	Fuse 18 on fuse holder C
T4aq	4-pin connector
T4ax	4-pin connector
T5s	5-pin connector
T5t	5-pin connector
T12	12-pin connector
T12m	12-pin connector
T20	20-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B224	Connection 1 (radio), in interior wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	Only models with no start/stop system
*2	Only models with start/stop system
*3	Up to May 2011
*4	From May 2011
*5	From November 2011
*6	Only models with connection for external audio sources - AUX-IN socket

Multimedia system control unit, USB connection holder

J650	Multimedia system control unit
R193	USB connection holder
T4us	4-pin connector
T30	30-pin connector
*	Adapter wire



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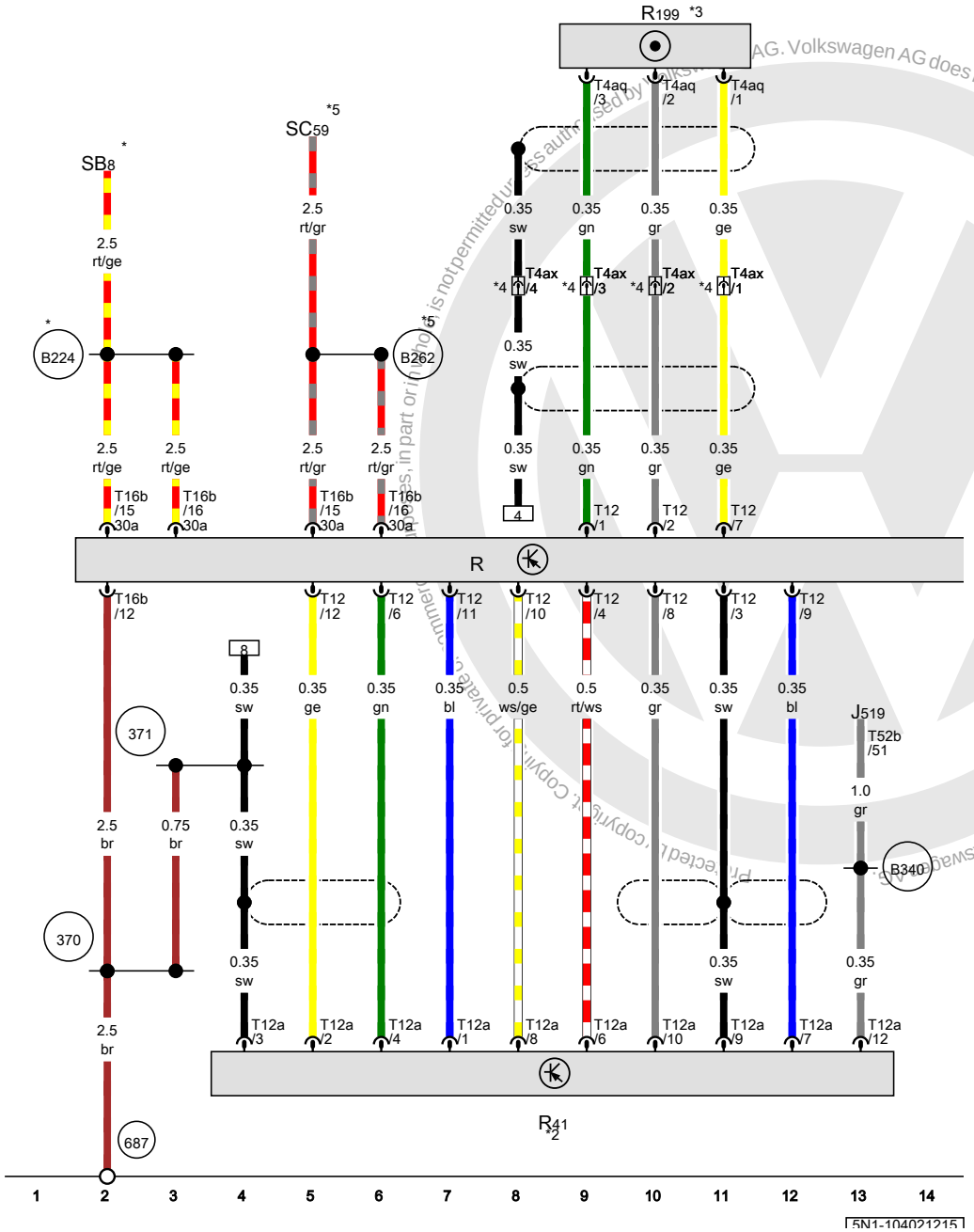
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radio system RCD 210 , (8UA),(8UF)

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Radio, CD changer, Connection for external audio sources

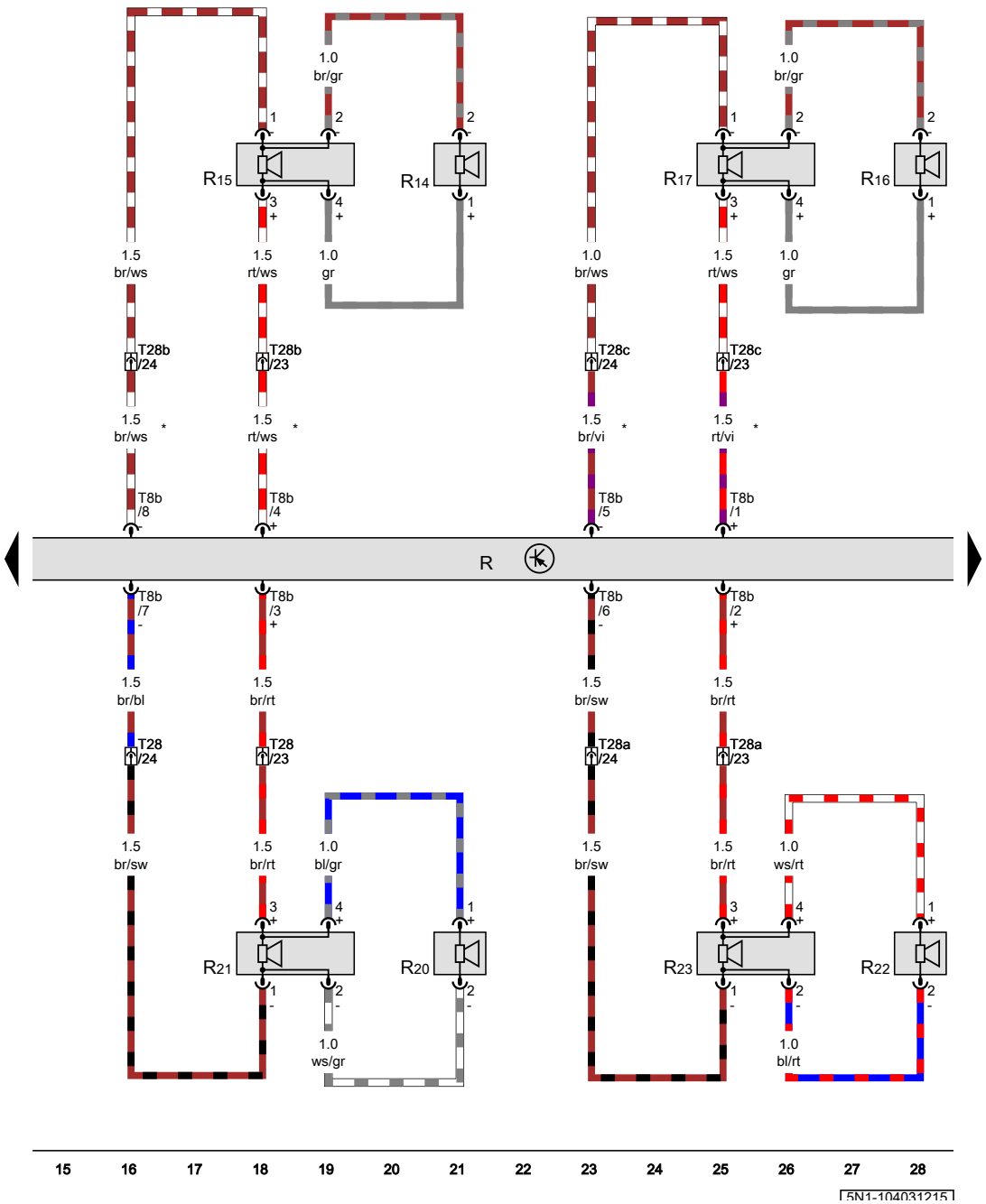


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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
SB8	Fuse 8 on fuse holder B
SC59	Fuse 59 on fuse holder C
T4aq	4-pin connector
T4ax	4-pin connector
T12	12-pin connector
T12a	12-pin connector
T16b	16-pin connector
T52b	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with no start/stop system
*2	Only models with CD changer/ prepared for CD changer
*3	According to equipment
*4	Only models with centre armrest
*5	Only models with start/stop system

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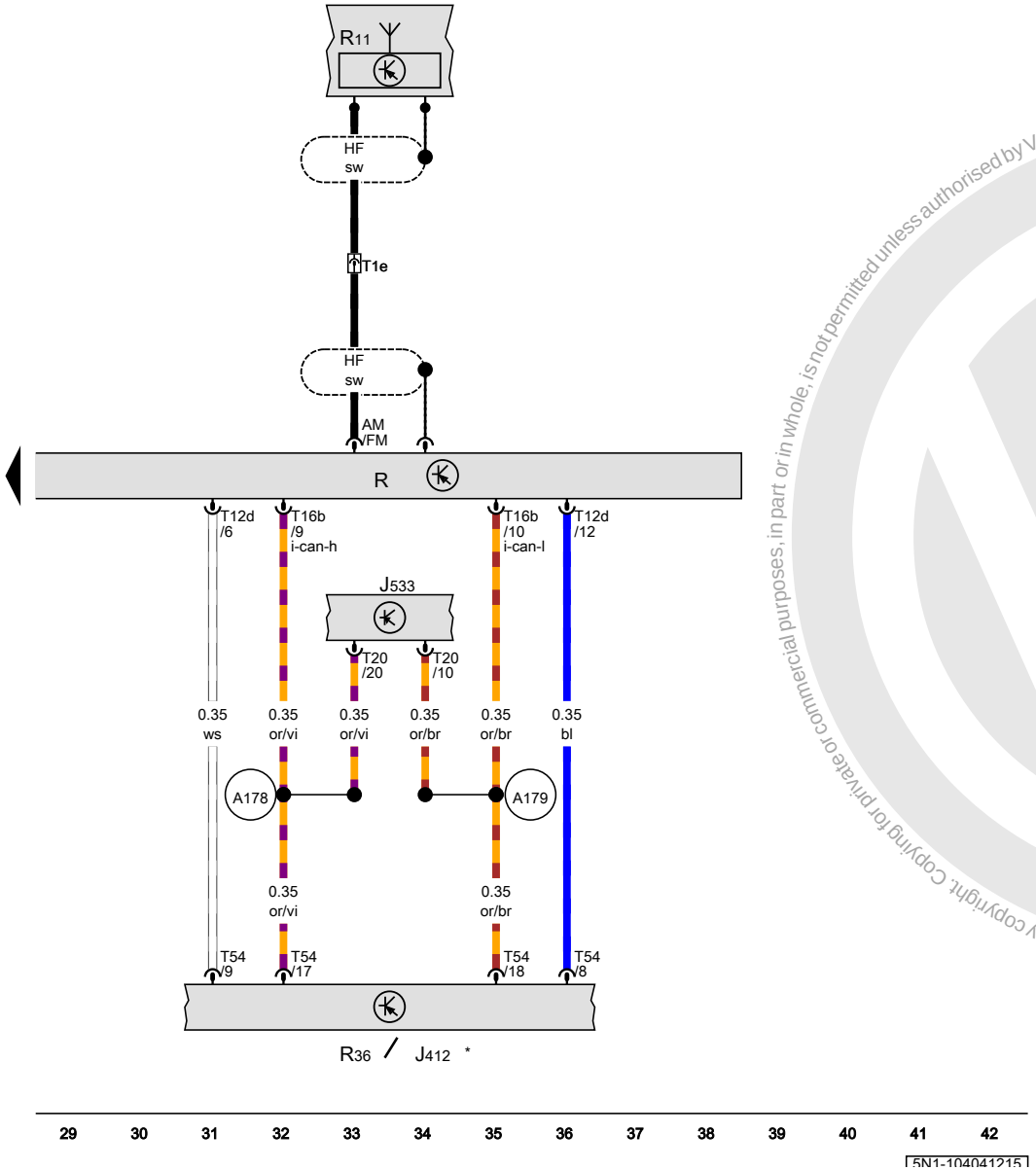
Radio, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

R	Radio
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T8b	8-pin connector
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector
*	Only models with rear loudspeaker

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radio, Aerial, Telephone transmitter and receiver unit

J412	Mobile telephone operating electronics control unit
J533	Data bus diagnostic interface
R	Radio
R11	Aerial
R36	Telephone transmitter and receiver unit
T1e	Single connector
T12d	12-pin connector
T16b	16-pin connector
T20	20-pin connector
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Multifunction steering wheel

from May 2009

Notes:

For information concerning

- Relay and fuse assignment
- Multi-pin connectors
- Control units and relays
- Earth connections

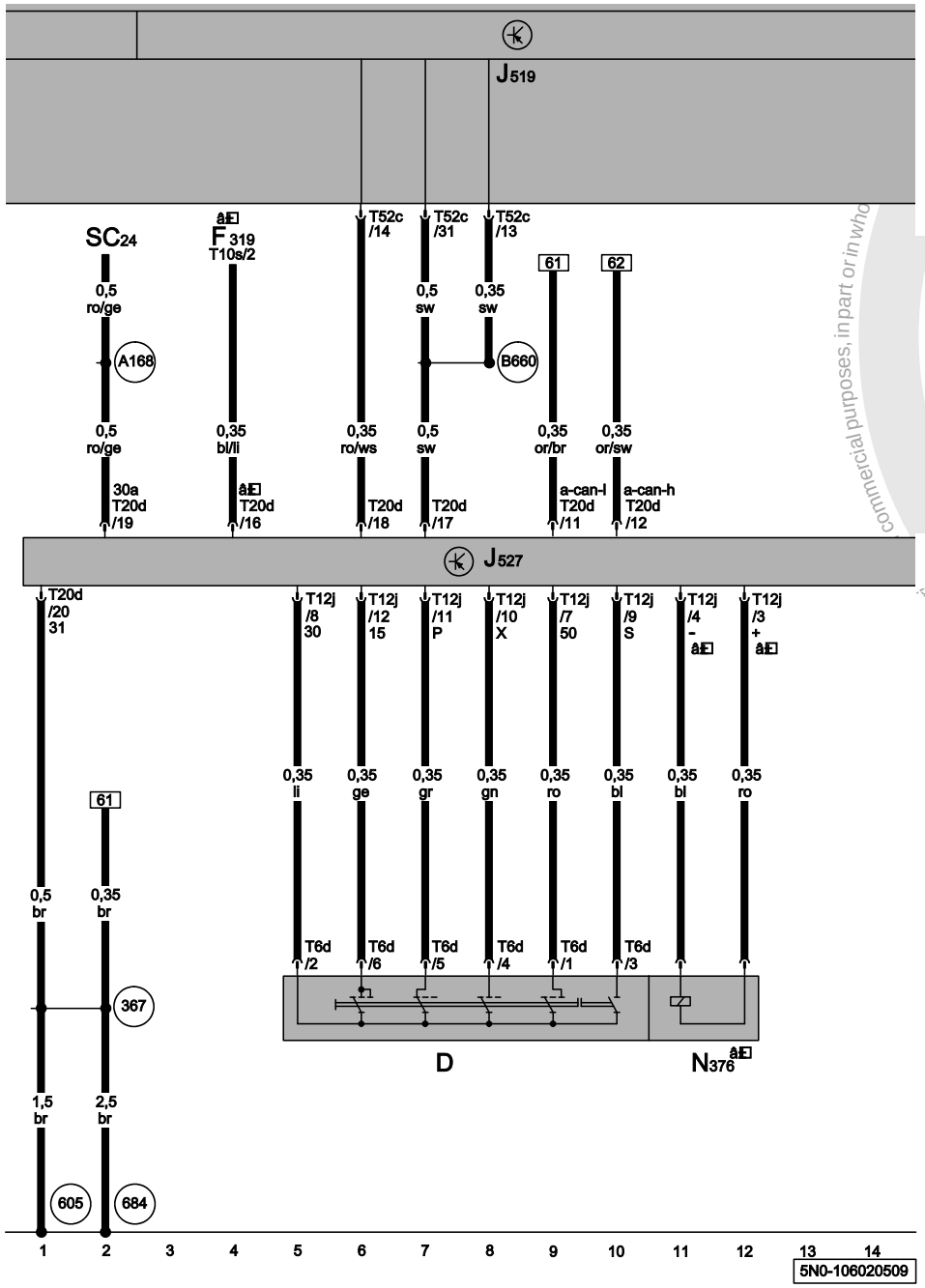
⇒ Overview of Fitting Locations!

For information concerning

- Fault Finding Programs

⇒ Guided Fault Finding

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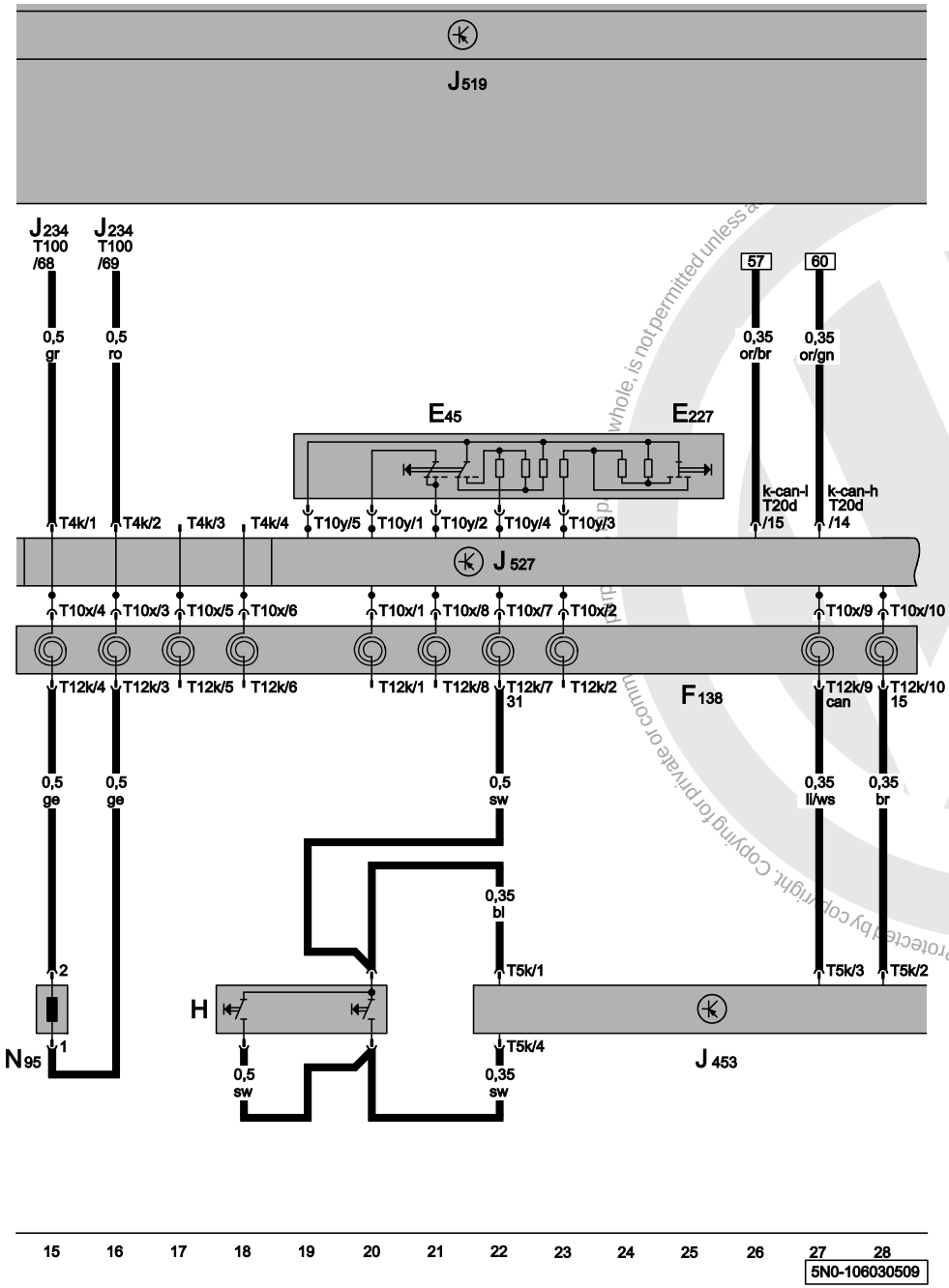
Steering column electronics control unit, ignition/starter switch

D	Ignition/starter switch
F319	Selector lever locked in position P switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
N376	Ignition key withdrawal lock solenoid
SB6	Fuse 6 on fuse holder B
T6d	6-pin connector
T10s	10-pin connector
T12j	12-pin connector
T20d	20-pin connector
T52c	20-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
A168	Positive connection 4 (30a) in dash panel wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with 6-speed automatic gearbox 09G

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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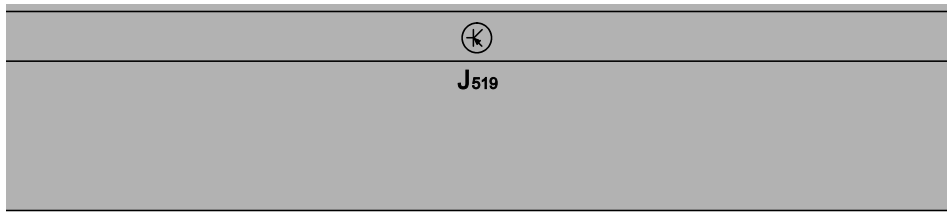
Cruise control system switch, horn plate, steering column electronics control unit, multifunction steering wheel control unit, igniter for driver airbag



E45	Cruise control system switch
E227	Cruise control system button
F138	Airbag coil connector and return ring with slip ring
H	Horn plate
J234	Airbag control unit
J453	Multifunction steering wheel control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
T4k	4-pin connector
T5k	5-pin connector
T10x	10-pin connector
T10y	10-pin connector
T12k	12-pin connector
T20d	20-pin connector
T100	100-pin connector

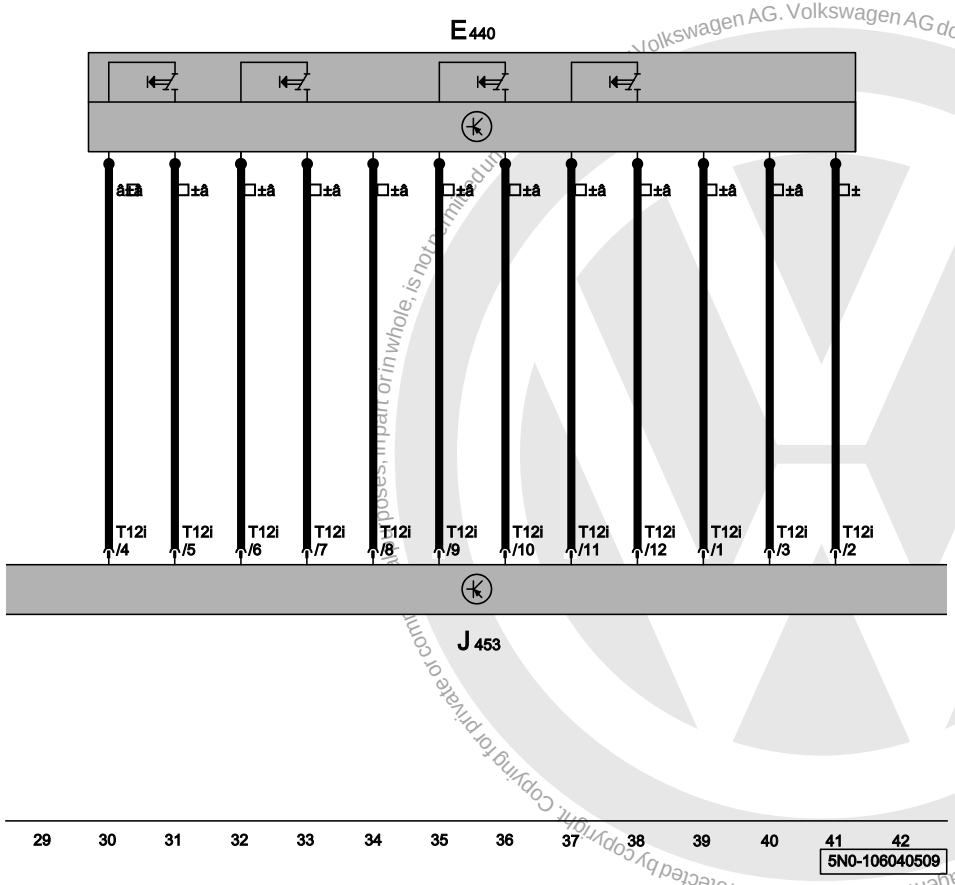
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sw	=	black
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gn	=	green
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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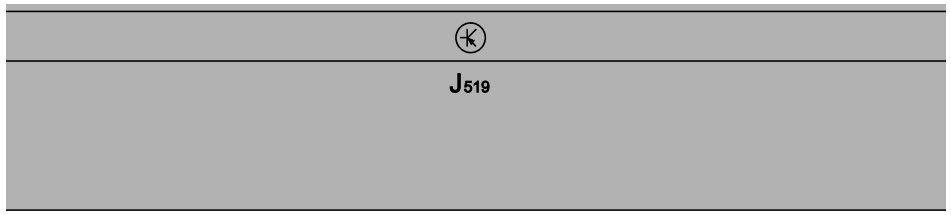
Multifunction buttons on left in steering wheel, multifunction steering wheel control unit

E440	Multifunction buttons on left in steering wheel
J453	Multifunction steering wheel control unit
J519	Onboard supply control unit
T12i	12-pin connector
*	Flat conductor



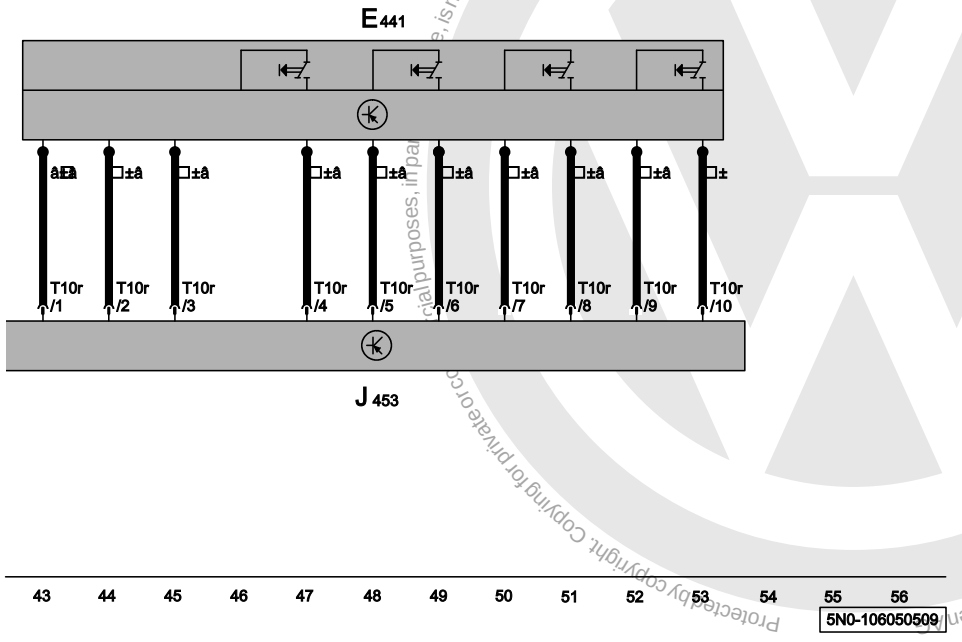
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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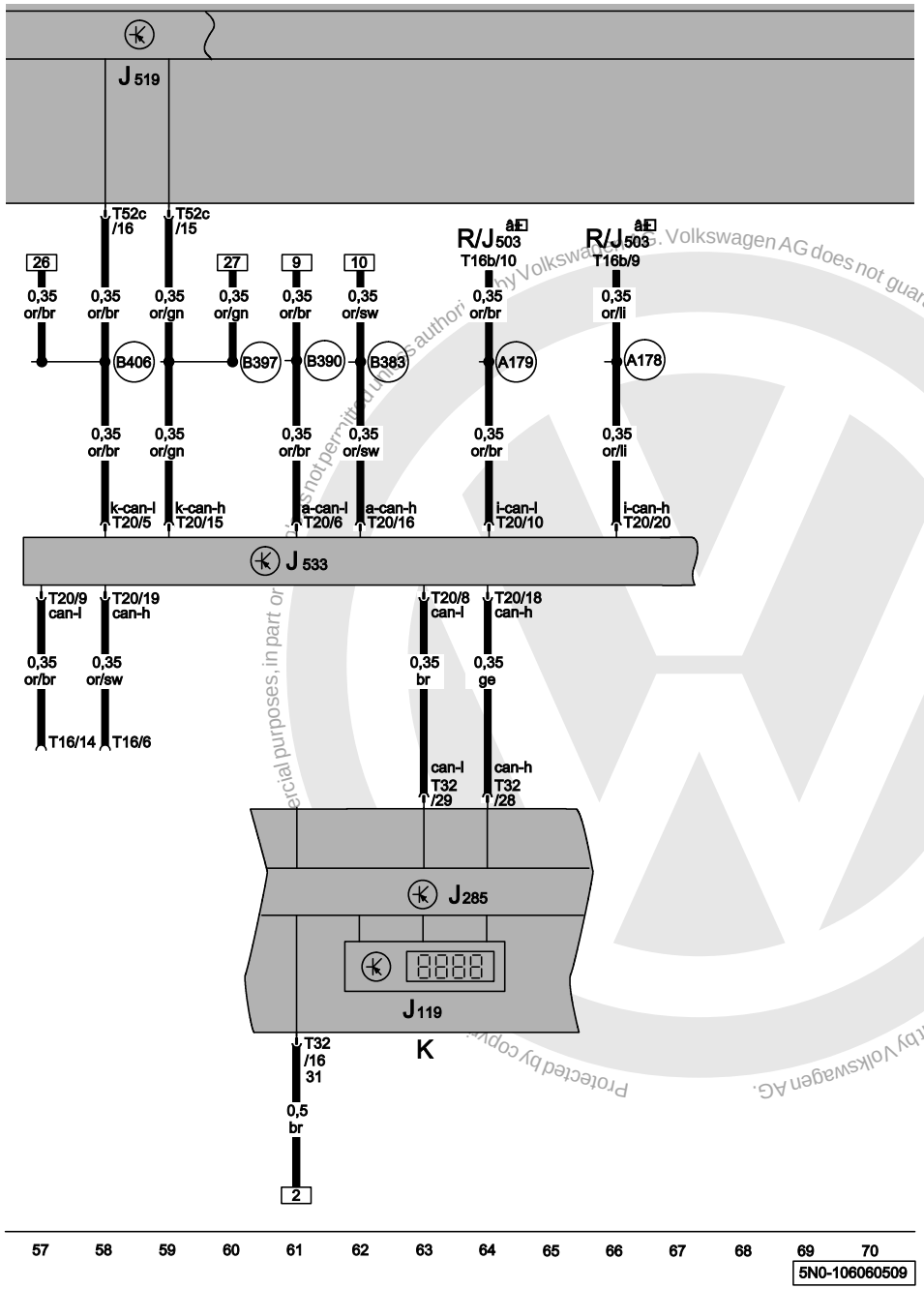
Multifunction buttons on right in steering wheel, multifunction steering wheel control unit

E441	Multifunction buttons on right in steering wheel
J453	Multifunction steering wheel control unit
J519	Onboard supply control unit
T10r	10-pin connector
*	Flat conductor



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Self-diagnosis connection, data bus diagnosis interface, dash panel insert

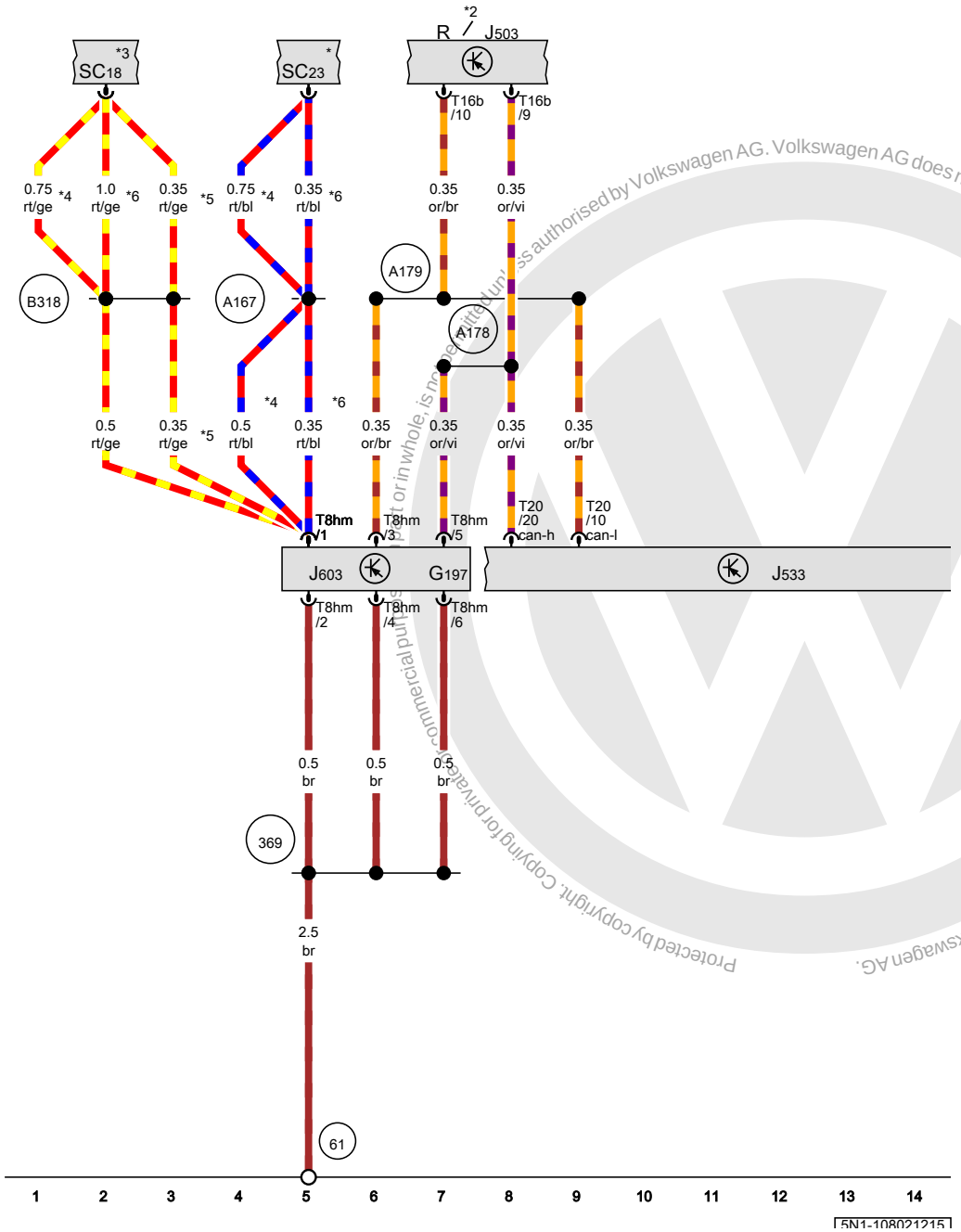
J119	Multifunction display
J285	Control unit in dash panel insert
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
J533	Data bus diagnostic interface
K	Dash panel insert
R	Radio
T16	16-pin connector, on left under dash panel, self-diagnosis connection
T16b	16-pin connector, black
T20	20-pin connector, red
T32	32-pin connector
T52c	52-pin connector, brown
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Depends on equipment

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Compass , (QR1)

From May 2009

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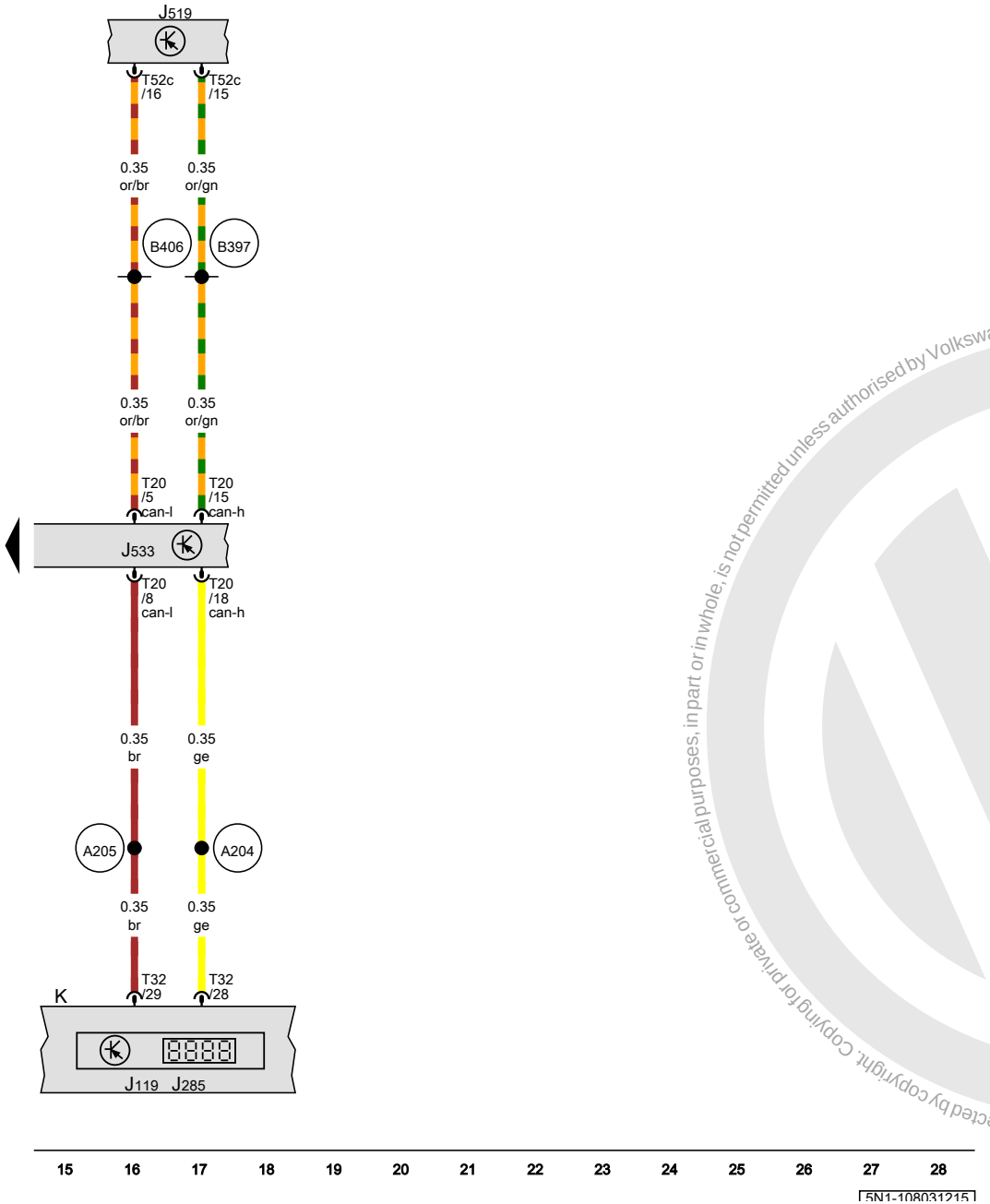


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Magnetic field sender for compass, Data bus diagnostic interface, Vehicle position recognition control unit, Radio

G197	Magnetic field sender for compass
J503	Control unit with display for radio and navigation
J533	Data bus diagnostic interface
J603	Vehicle position recognition control unit
R	Radio
SC18	Fuse 18 on fuse holder C
SC23	Fuse 23 on fuse holder C
T8hm	8-pin connector
T16b	16-pin connector
T20	20-pin connector
61	Earth point, left C-pillar
369	Earth connection 4, in main wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	Only models with no start/stop system
*2	According to equipment
*3	Only models with start/stop system
*4	From May 2011
*5	From November 2011
*6	Up to May 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Multifunction indicator, Control unit in dash panel insert, Onboard supply control unit, Data bus diagnostic interface, Dash panel insert

J119	Multifunction indicator
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnostic interface
K	Dash panel insert
T20	20-pin connector
T32	32-pin connector
T52c	52-pin connector
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

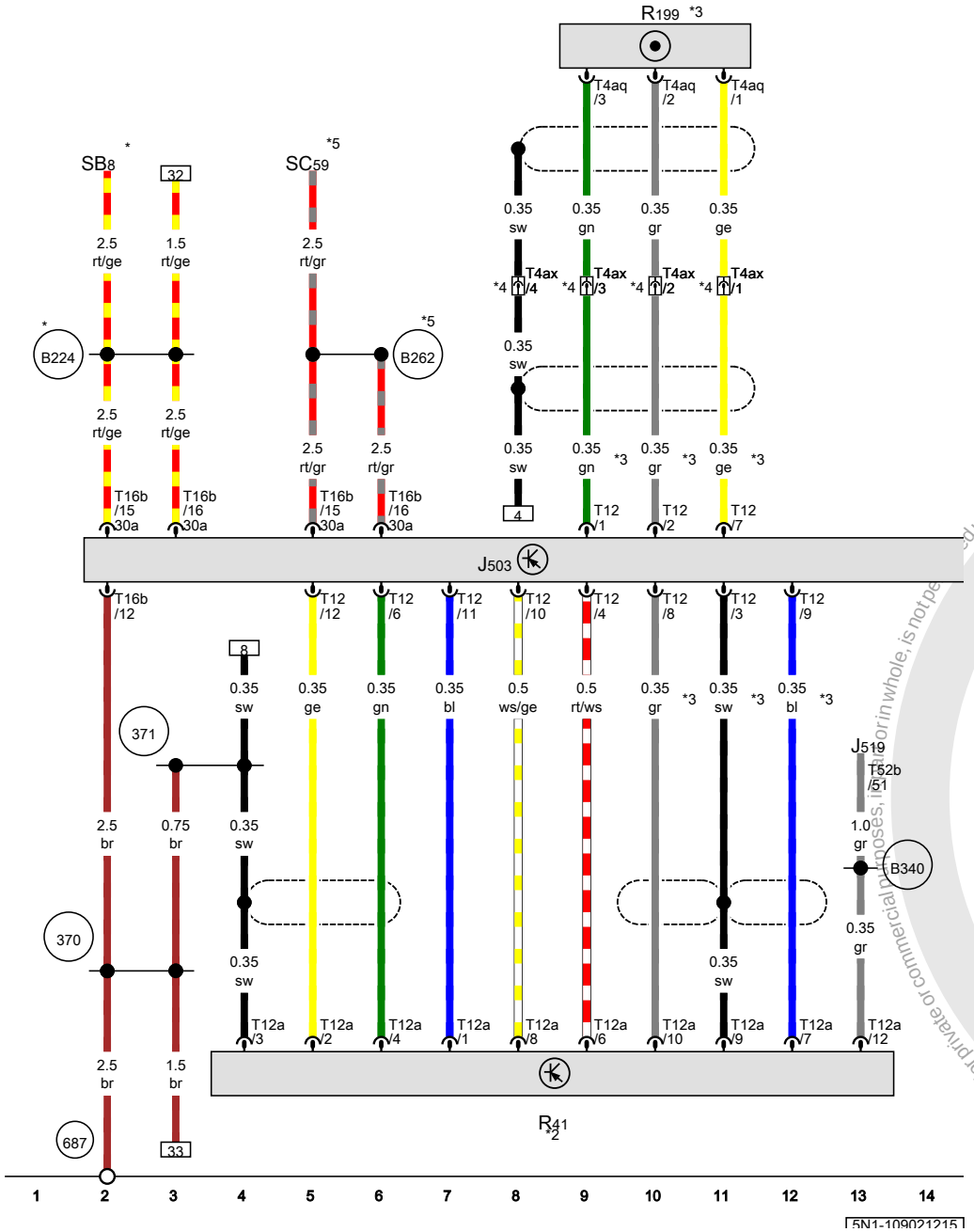
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio navigation system , (7T2),(7T8),(7UC),(7UK)

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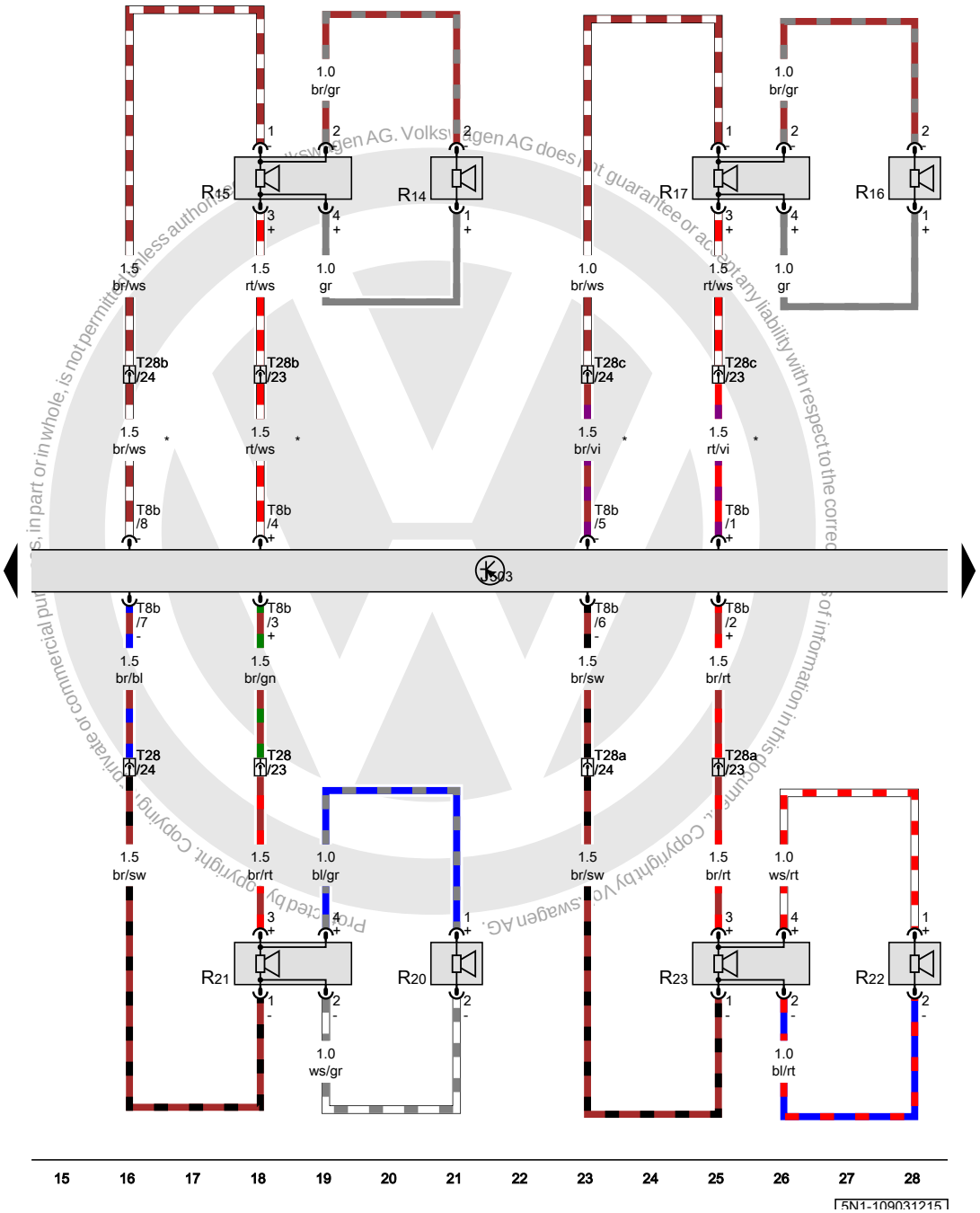


Control unit with display for radio and navigation, CD changer, Connection for external audio sources

J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R41	CD changer
R199	Connection for external audio sources
SB8	Fuse 8 on fuse holder B
SC59	Fuse 59 on fuse holder C
T4aq	4-pin connector
T4ax	4-pin connector
T12	12-pin connector
T12a	12-pin connector
T16b	16-pin connector
T52b	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with no start/stop system
*2	Only models with CD changer/ prepared for CD changer
*3	According to equipment
*4	Only models with centre armrest
*5	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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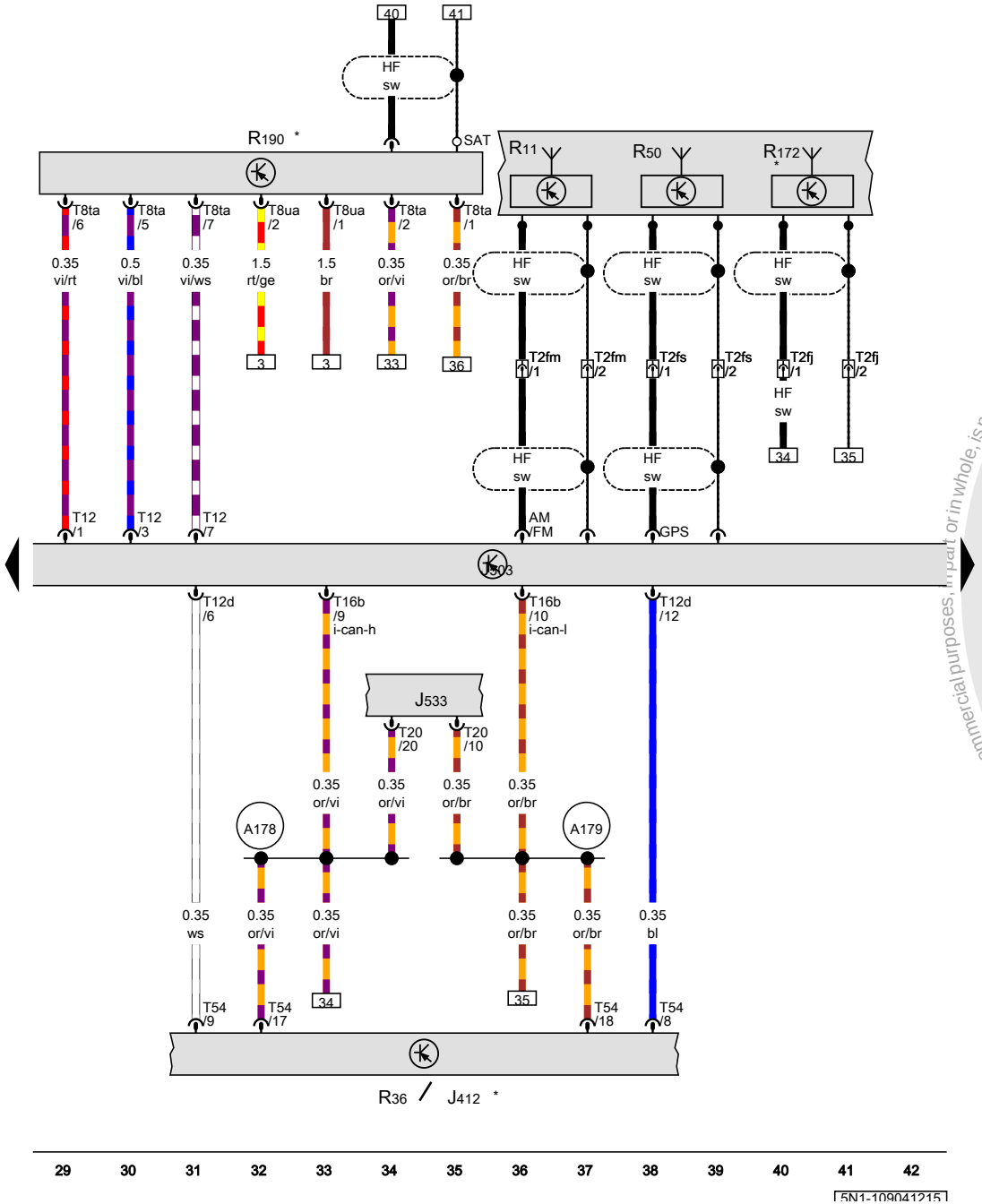


Control unit with display for radio and navigation, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

J503	Control unit with display for radio and navigation
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T8b	8-pin connector
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector
*	Only models with rear loudspeaker

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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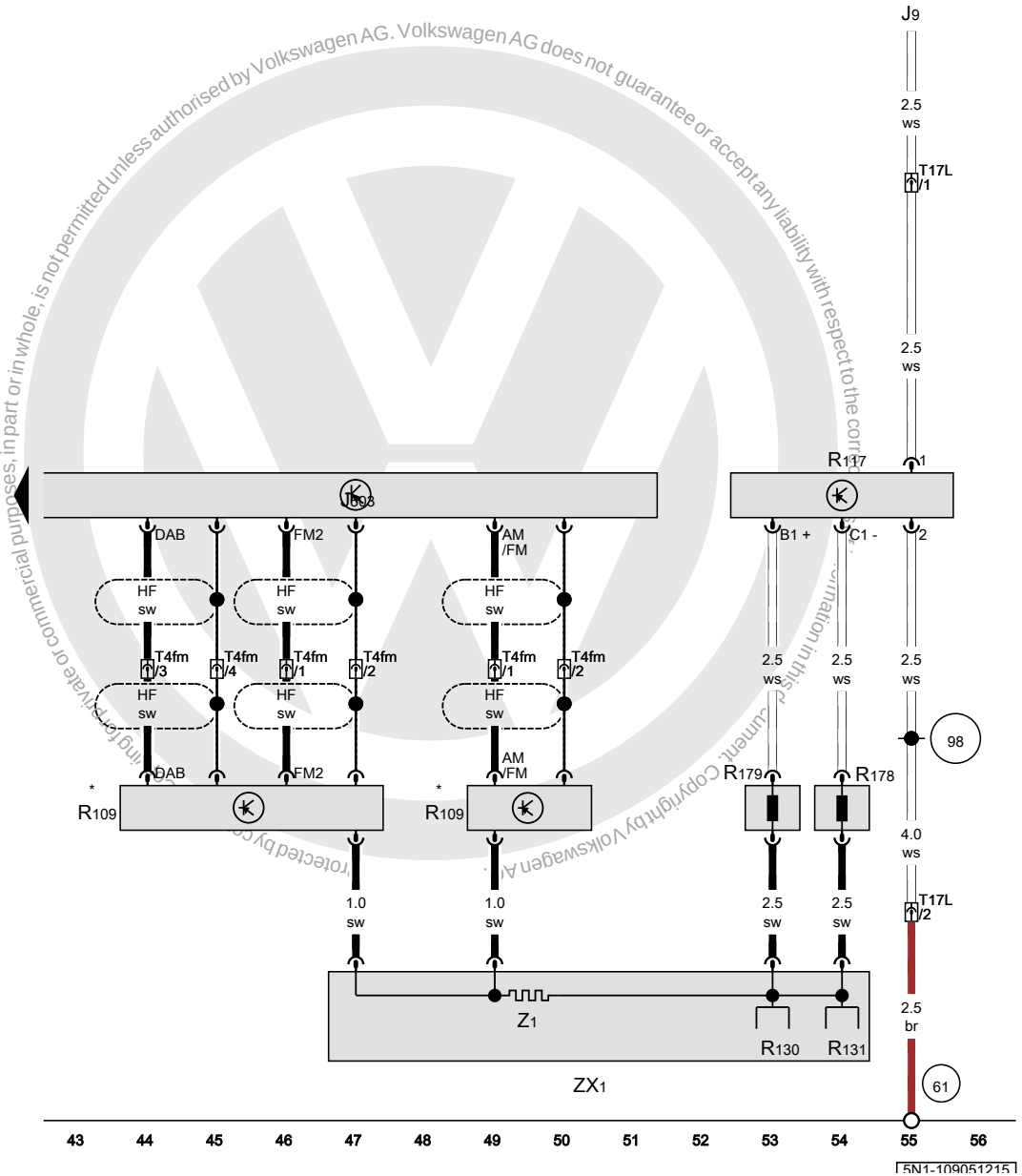
Control unit with display for radio and navigation, Aerial, Telephone transmitter and receiver unit, Satellite digital radio tuner

J412	Mobile telephone operating electronics control unit
J503	Control unit with display for radio and navigation
J533	Data bus diagnostic interface
R11	Aerial
R36	Telephone transmitter and receiver unit
R50	GPS aerial
R172	Satellite tuner aerial
R190	Satellite digital radio tuner
T2fj	2-pin connector
T2fm	2-pin connector
T2fs	2-pin connector
T8ta	8-pin connector
T8ua	8-pin connector
T12	12-pin connector
T12d	12-pin connector
T16b	16-pin connector
T20	20-pin connector
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Control unit with display for radio and navigation

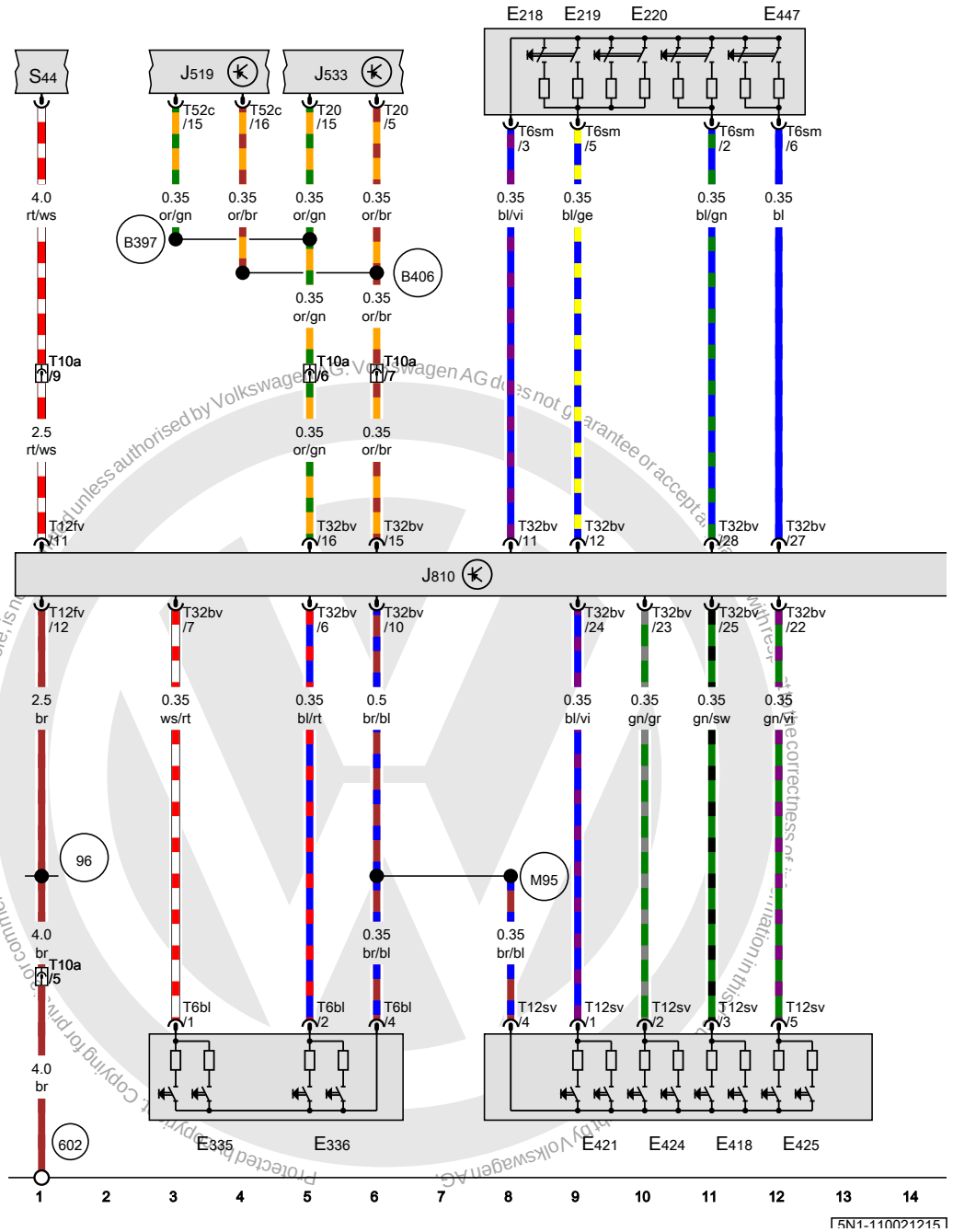
J9	Heated rear window relay
J503	Control unit with display for radio and navigation
R109	Right aerial module
R117	Telephone distributor
R130	Rear window aerial 1
R131	Rear window aerial 2
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T4fm	4-pin connector, on rear right roof frame
T17L	17-pin connector, on rear left roof frame
ZX1	Rear window
Z1	Heated rear window
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Electric seat adjustment with memory function , (3PH),(3L4)

From May 2009

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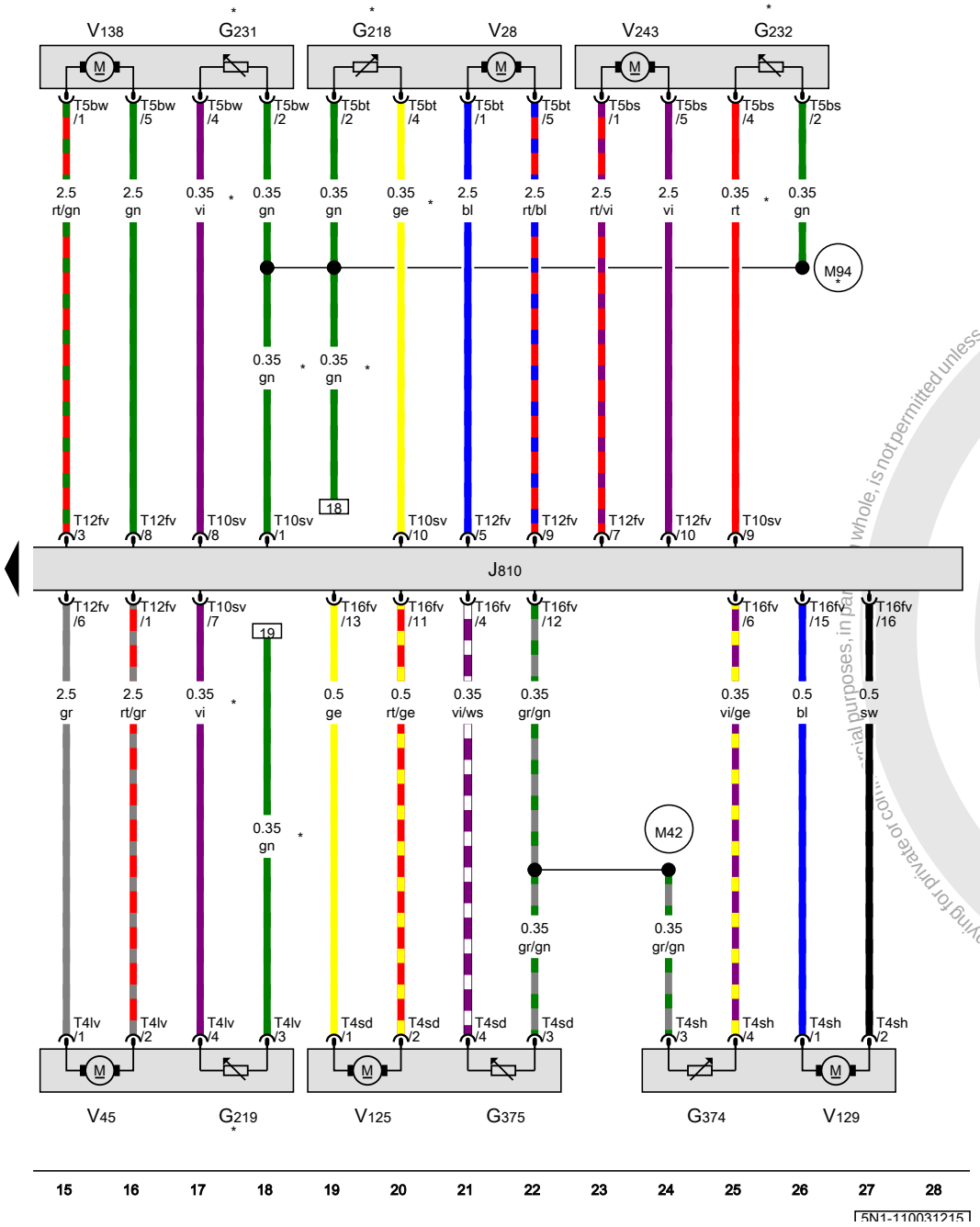


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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Seat memory position button 1, Rake adjustment button, Onboard supply control unit, Data bus diagnostic interface, Driver seat adjustment control unit

E218	Seat memory position button 1
E219	Seat memory position button 2
E220	Seat memory position button 3
E335	Lumbar support height adjustment button
E336	Lumbar support longitudinal adjustment button
E418	Seat longitudinal adjustment button
E421	Rake adjustment button
E424	Seat height adjustment button
E425	Backrest adjustment button
E447	Seat position memory button
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J810	Driver seat adjustment control unit
S44	Driver seat adjustment thermal fuse 1
T6bl	6-pin connector
T6sm	6-pin connector
T10a	10-pin connector
T12fv	12-pin connector
T12sv	12-pin connector
T20	20-pin connector
T32bv	32-pin connector
T52c	52-pin connector
96	Earth connection 1, in seat heating wiring harness
602	Earth point, in front left footwell
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
M95	Connection 3, seat adjustment wiring harness



Driver seat adjustment control unit, Driver seat longitudinal adjustment motor, Driver seat backrest adjustment motor, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor, Driver seat height adjustment motor, Driver seat rake adjustment motor

G218	Longitudinal adjustment sender for driver seat
G219	Backrest adjustment sender for driver seat
G231	Height adjustment sender for driver seat
G232	Rake adjustment sender for driver seat
G374	Lumbar support height adjustment sender
G375	Lumbar support longitudinal adjustment sender
J810	Driver seat adjustment control unit
T4lv	4-pin connector
T4sd	4-pin connector
T4sh	4-pin connector
T5bs	5-pin connector
T5bt	5-pin connector
T5bw	5-pin connector
T10sv	10-pin connector
T12fv	12-pin connector
T16fv	16-pin connector
V28	Driver seat longitudinal adjustment motor
V45	Driver seat backrest adjustment motor
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
V138	Driver seat height adjustment motor
V243	Driver seat rake adjustment motor
M42	Connection 2, in driver seat wiring harness
M94	Connection 2, seat adjustment wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

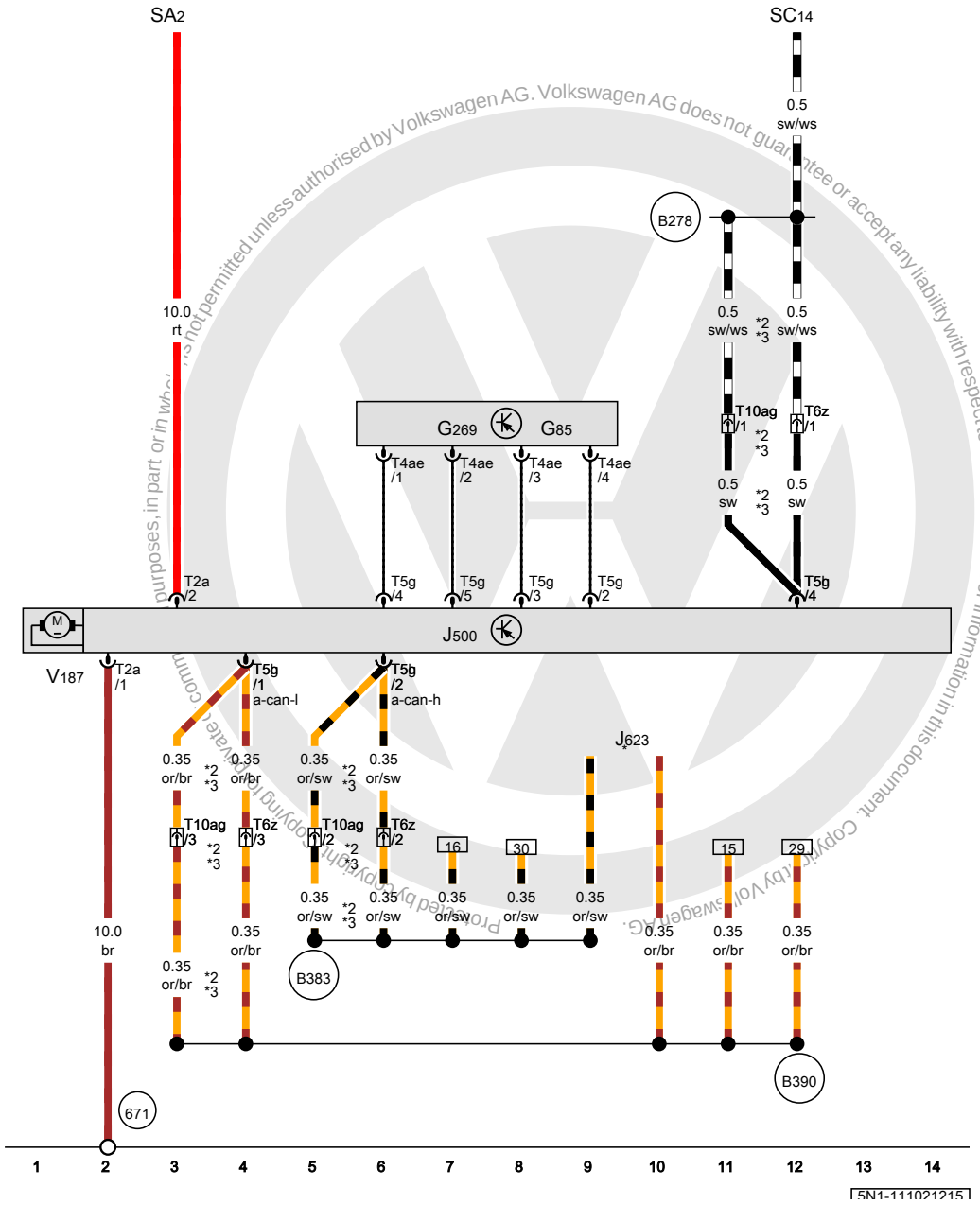
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Power assisted steering for RHD vehicles , (L0R)

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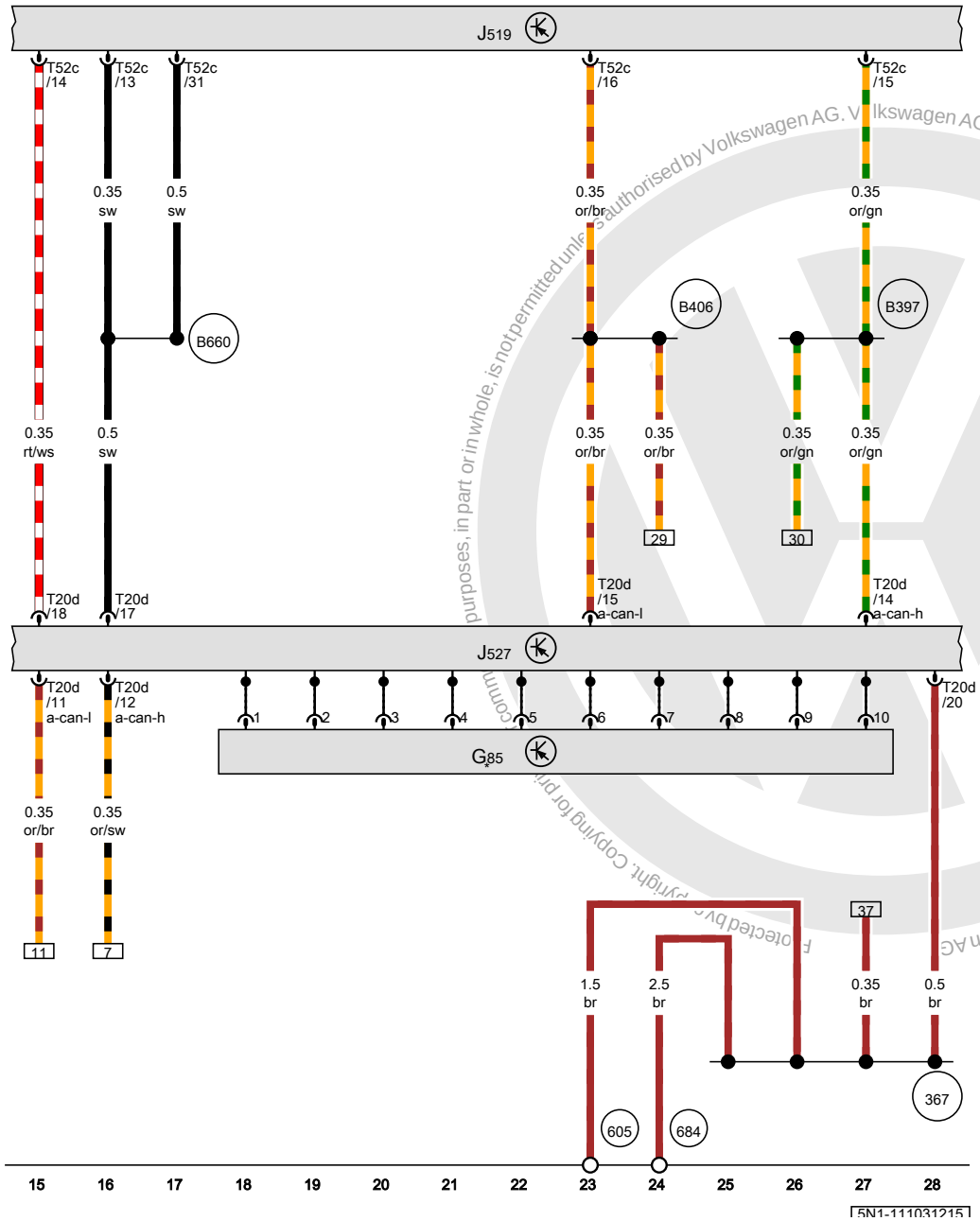
Steering moment sender, Power steering control unit, Electromechanical power steering motor



G85	Steering angle sender
G269	Steering moment sender
J500	Power steering control unit
J623	Engine control unit
SA2	Fuse 2 in fuse holder A
SC14	Fuse 14 on fuse holder C
T2a	2-pin connector
T4ae	4-pin connector
T5g	5-pin connector
T5h	5-pin connector
T6z	6-pin connector
T10ag	10-pin connector, black
V187	Electromechanical power steering motor
671	Earth point 1, on front of left longitudinal member
B278	Positive connection 2 (15a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	From May 2015

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Steering angle sender, Onboard supply control unit, Steering column electronics control unit

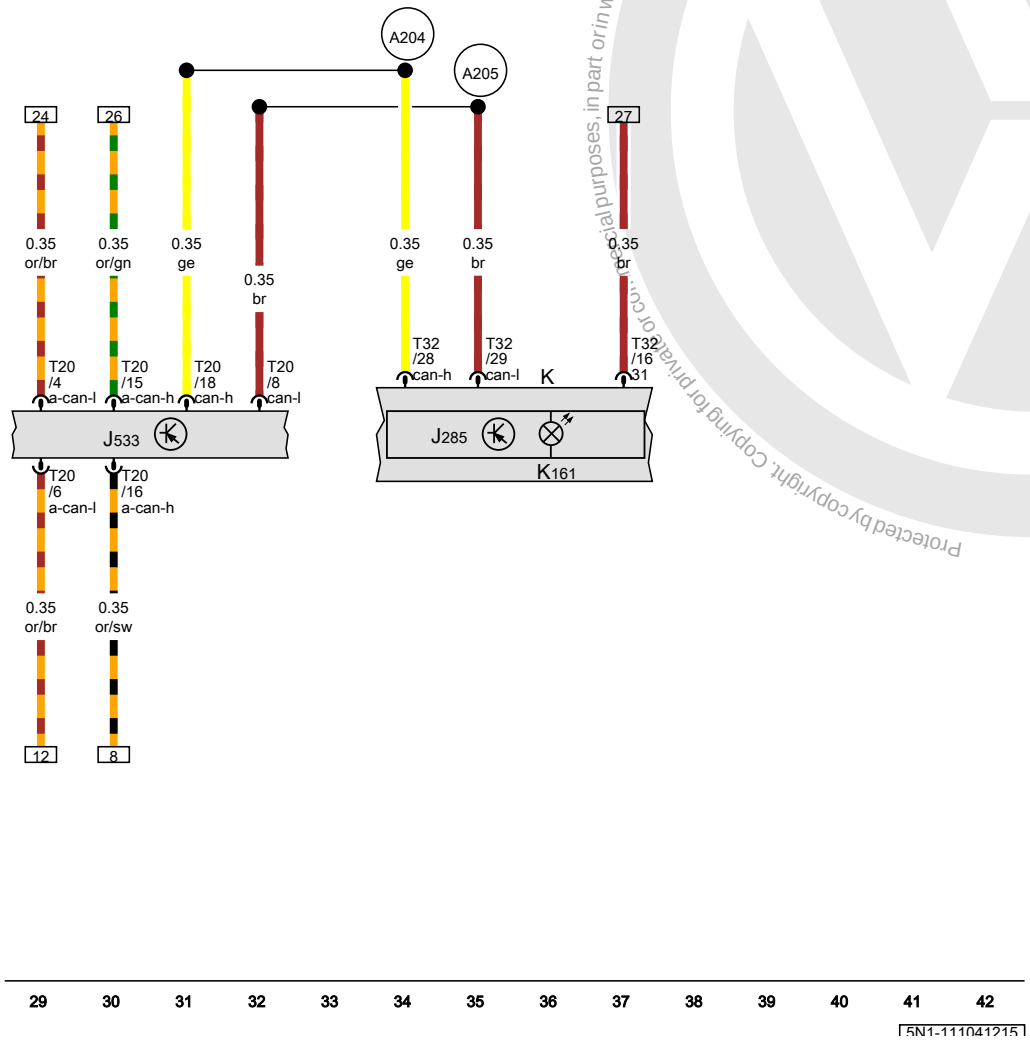
G85	Steering angle sender
J519	Onboard supply control unit
J527	Steering column electronics control unit
T20d	20-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Up to May 2010

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Control unit in dash panel insert, Data bus diagnostic interface, Dash panel insert, Electromechanical power steering warning lamp

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K	Dash panel insert
K161	Electromechanical power steering warning lamp
T20	20-pin connector
T32	32-pin connector
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness

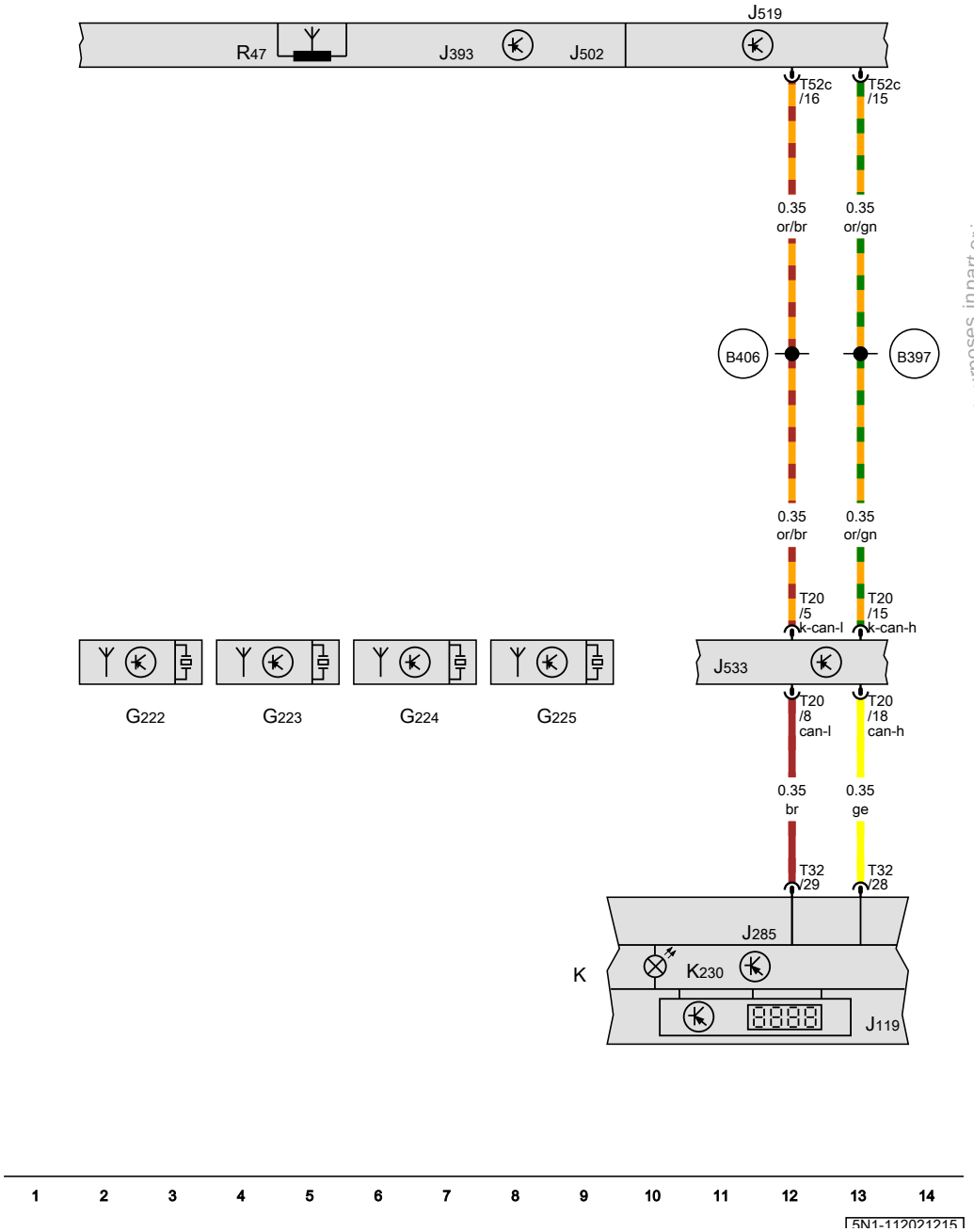


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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Tyre Pressure Monitoring System, only models with USA equipment , (7K4)

From May 2009

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Front left tyre pressure sensor, Front right tyre pressure sensor, Rear left tyre pressure sensor, Rear right tyre pressure sensor, Control unit in dash panel insert, Onboard supply control unit, Data bus diagnostic interface, Dash panel insert

G222	Front left tyre pressure sensor
G223	Front right tyre pressure sensor
G224	Rear left tyre pressure sensor
G225	Rear right tyre pressure sensor
J119	Multifunction indicator
J285	Control unit in dash panel insert
J393	Convenience system central control unit
J502	Tyre Pressure Monitoring System control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
K	Dash panel insert
K230	Tyre Pressure Monitoring System warning lamp
R47	Central locking and anti-theft alarm system aerial
T20	20-pin connector
T32	32-pin connector
T52c	52-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

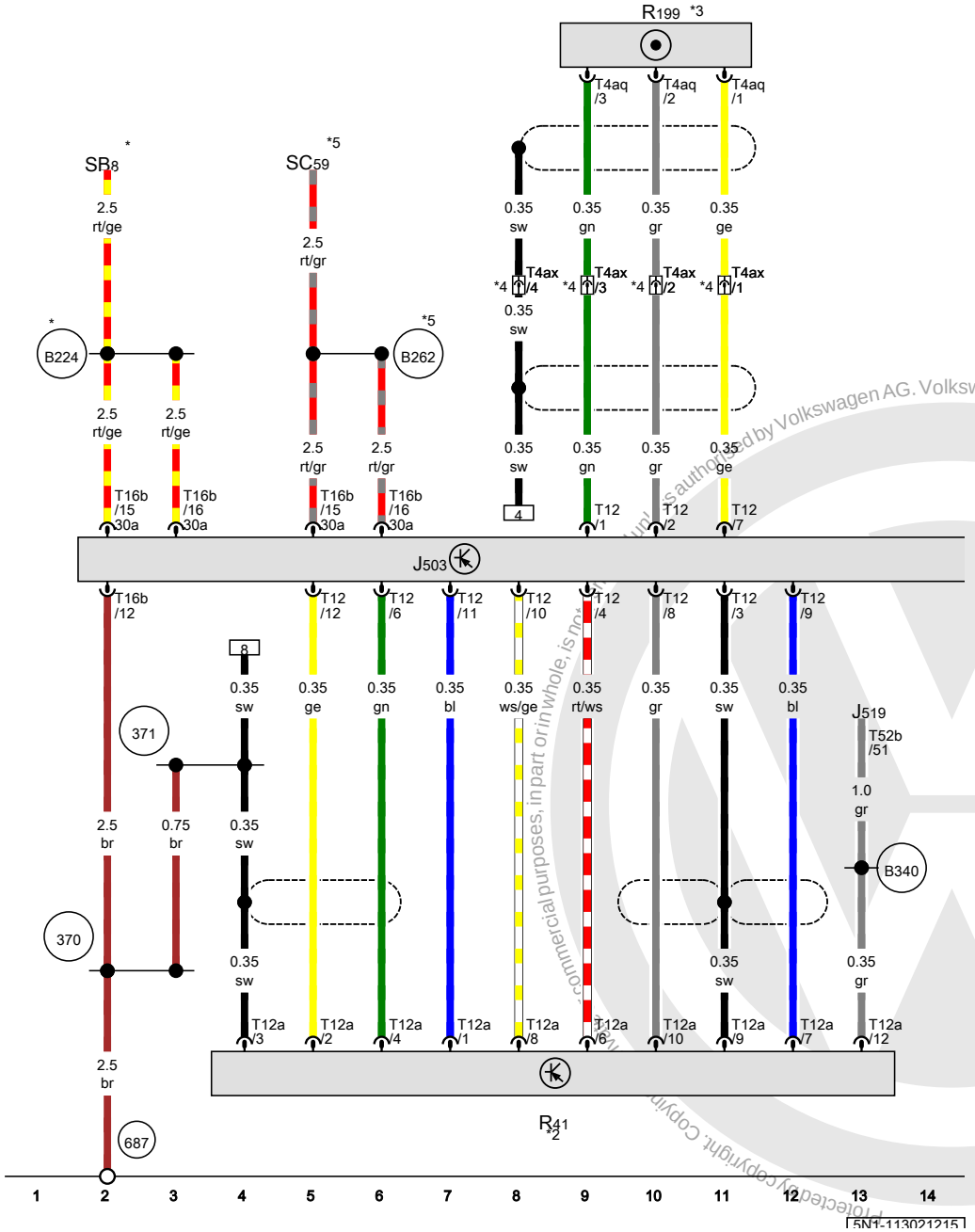
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio navigation system RNS 510, Japan only , (7Q6)

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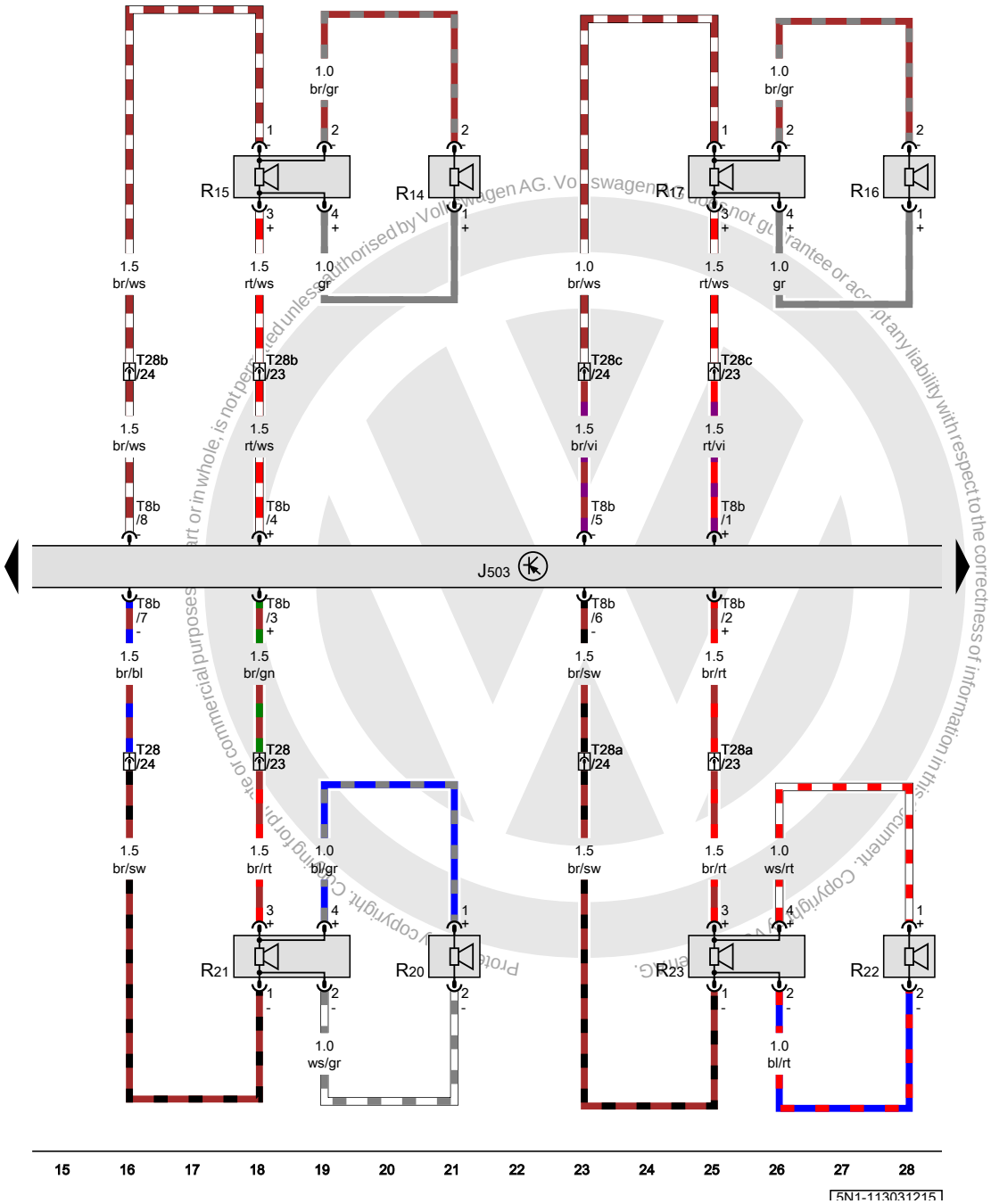


Control unit with display for radio and navigation, CD changer, Connection for external audio sources

J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R41	CD changer
R199	Connection for external audio sources
SB8	Fuse 8 on fuse holder B
SC59	Fuse 59 on fuse holder C
T4aq	4-pin connector
T4ax	4-pin connector
T12	12-pin connector
T12a	12-pin connector
T16b	16-pin connector
T52b	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with no start/stop system
*2	Only models with CD changer/ prepared for CD changer
*3	According to equipment
*4	Only models with centre armrest
*5	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

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Control unit with display for radio and navigation, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

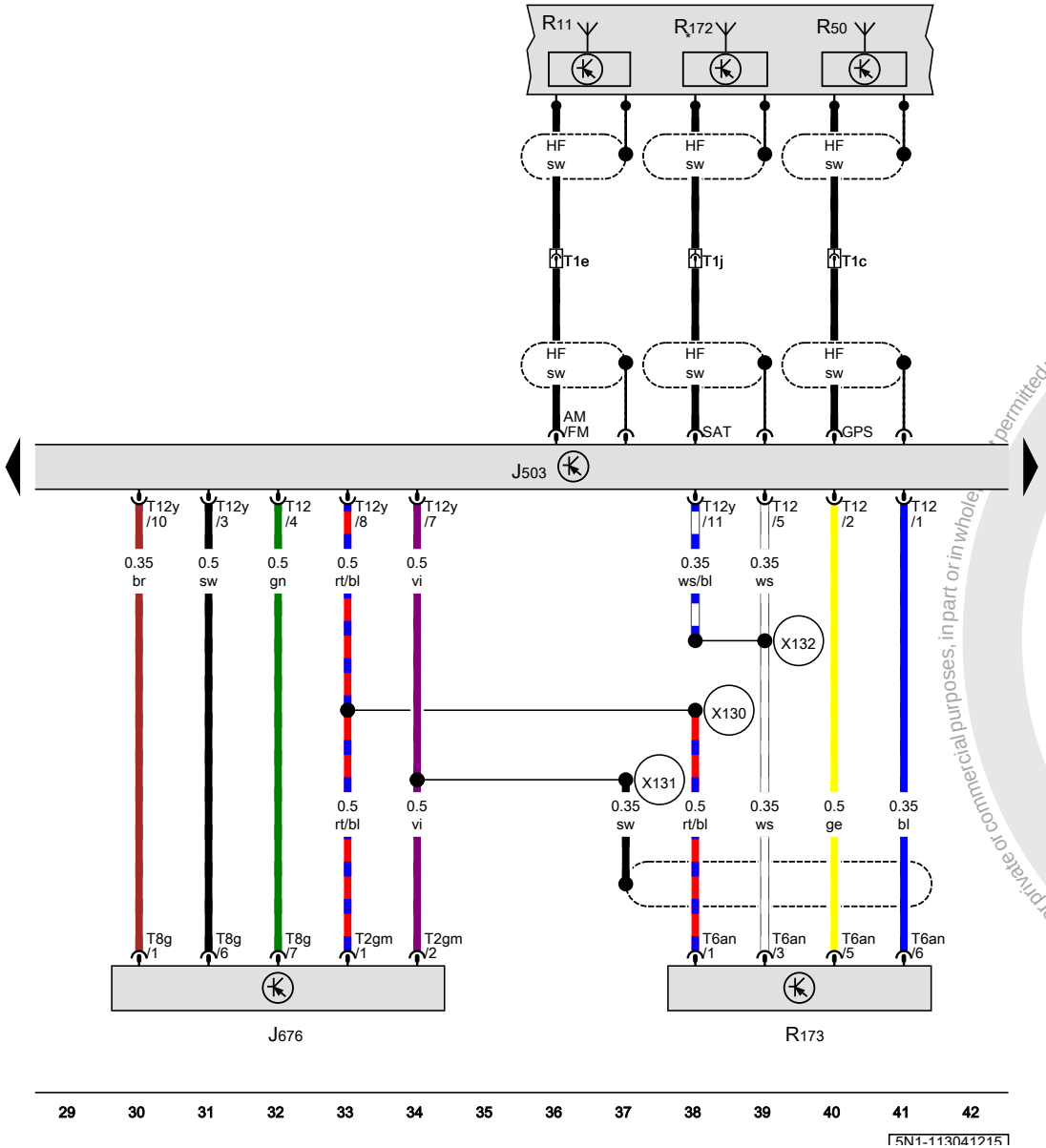
J503	Control unit with display for radio and navigation
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T8b	8-pin connector
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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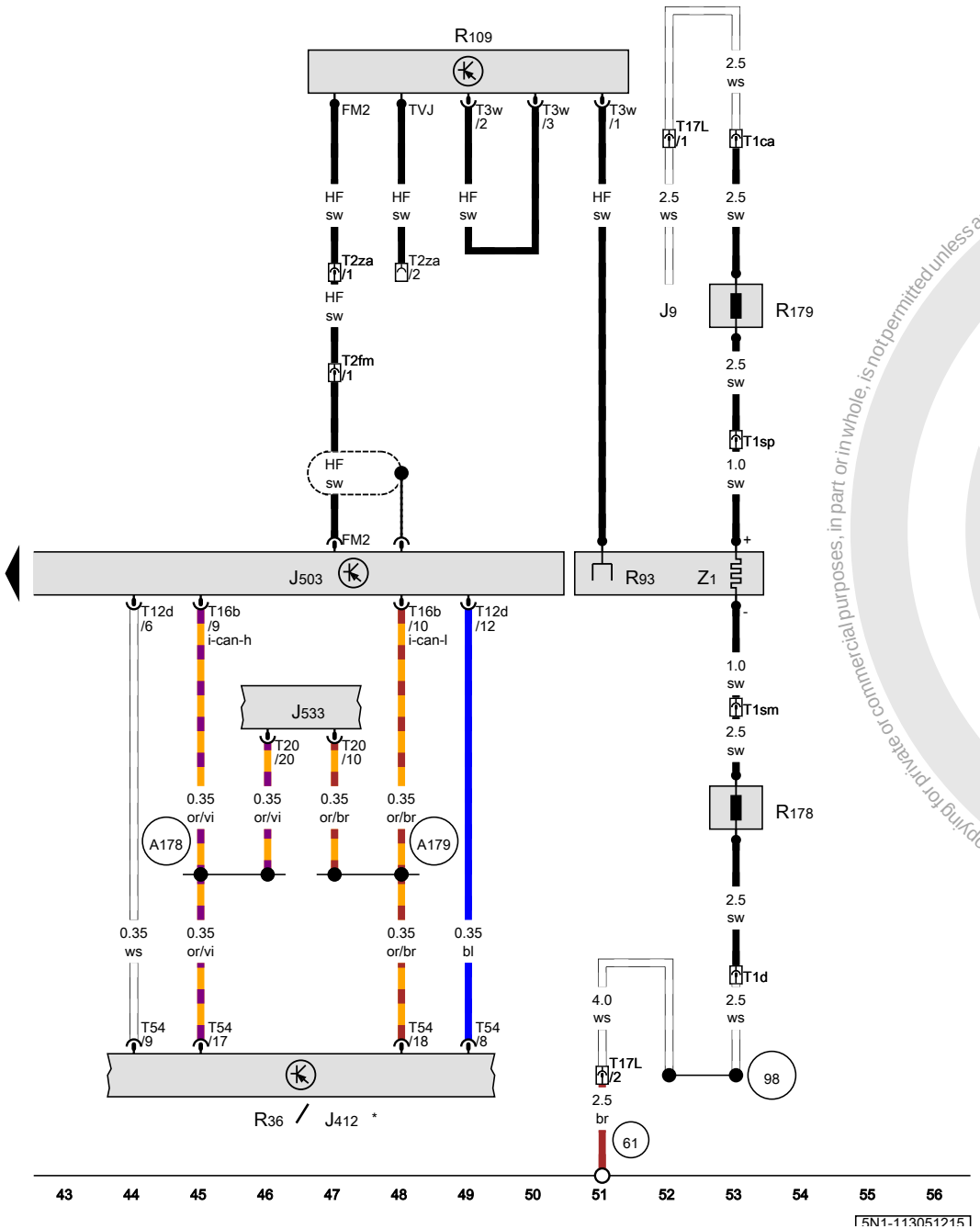
Control unit with display for radio and navigation, Chip card reader control unit, Aerial, Traffic data aerial

J503	Control unit with display for radio and navigation
J676	Chip card reader control unit
R11	Aerial
R50	GPS aerial
R172	Satellite tuner aerial
R173	Traffic data aerial
T1c	Single connector
T1e	Single connector
T1j	Single connector
T2gm	2-pin connector
T6an	6-pin connector
T8g	8-pin connector
T12	12-pin connector
T12y	12-pin connector
X130	Connection 3, in optional equipment wiring harness
X131	Connection 4, in optional equipment wiring harness
X132	Connection 5, in optional equipment wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Control unit with display for radio and navigation, Telephone transmitter and receiver unit, Right aerial module, Heated rear window

J9	Heated rear window relay
J412	Mobile telephone operating electronics control unit
J503	Control unit with display for radio and navigation
J533	Data bus diagnostic interface
R36	Telephone transmitter and receiver unit
R93	Radio aerial 2
R109	Right aerial module
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T1ca	Single connector
T1d	Single connector
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T12d	12-pin connector
T16b	16-pin connector
T17L	17-pin connector
T20	20-pin connector
T54	54-pin connector
Z1	Heated rear window
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

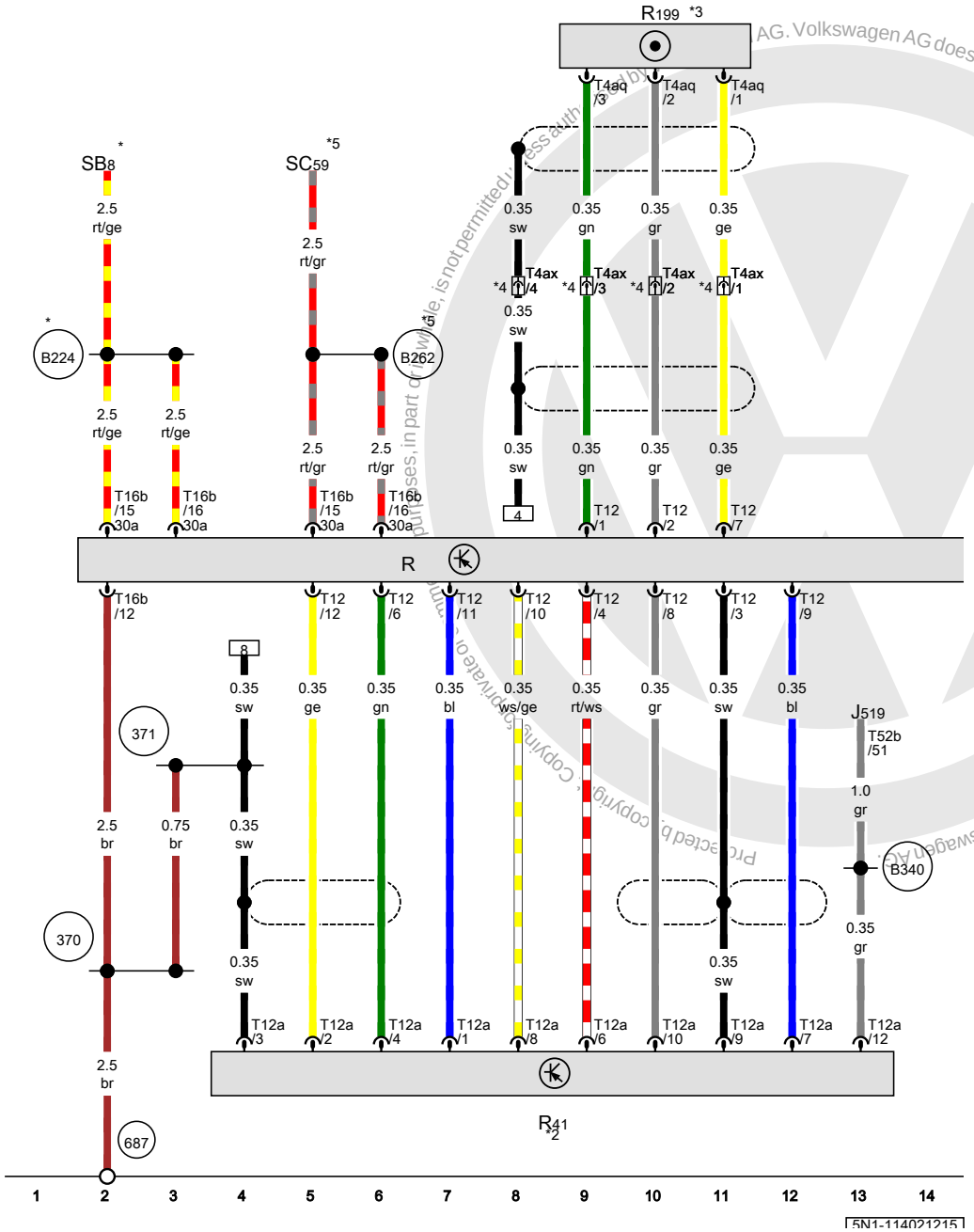
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Radio system RCD 510, Japan only , (8AU)

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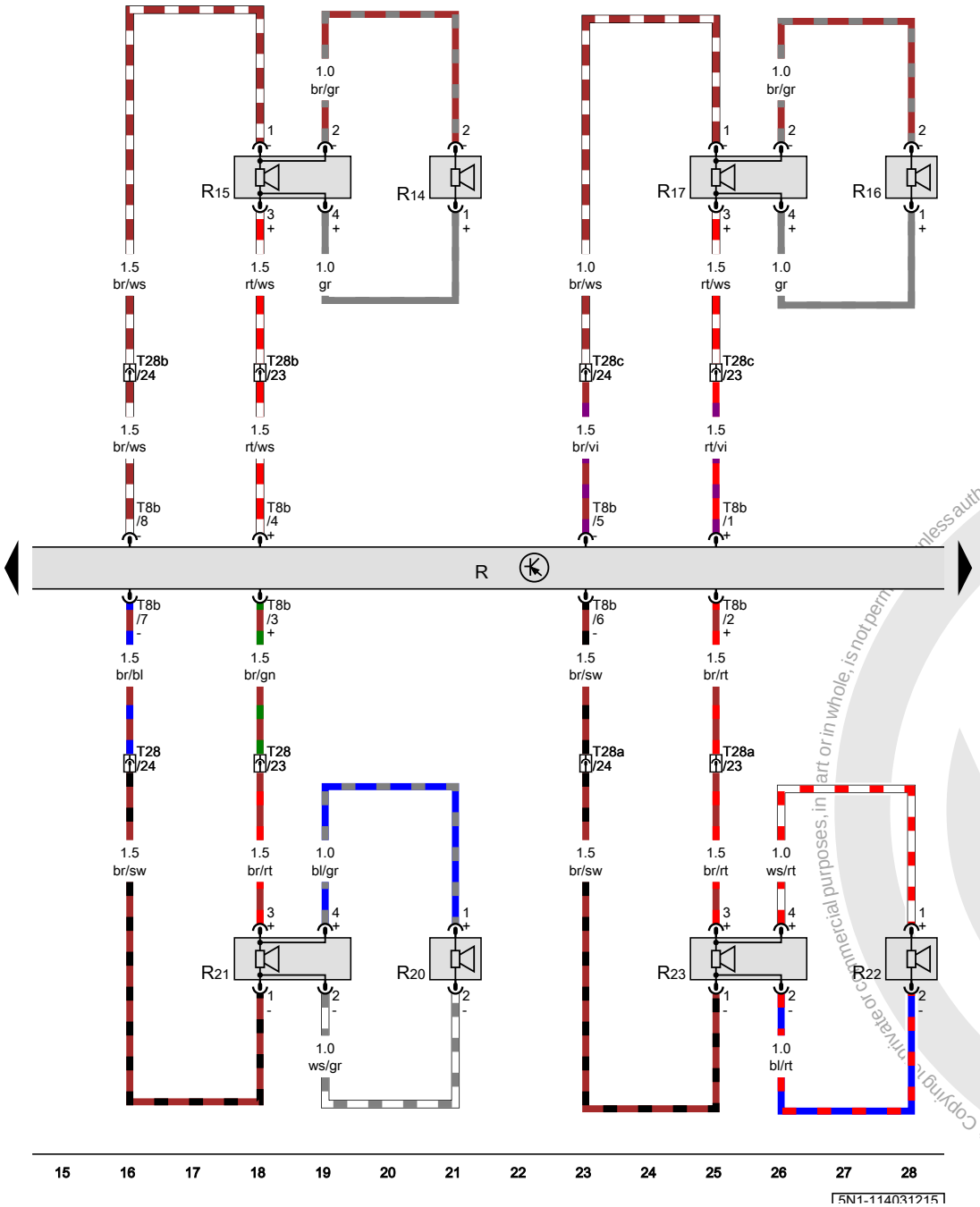
Radio, CD changer, Connection for external audio sources



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
SB8	Fuse 8 on fuse holder B
SC59	Fuse 59 on fuse holder C
T4aq	4-pin connector
T4ax	4-pin connector
T12	12-pin connector
T12a	12-pin connector
T16b	16-pin connector
T52b	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with no start/stop system
*2	Only models with CD changer/ prepared for CD changer
*3	According to equipment
*4	Only models with centre armrest
*5	Only models with start/stop system

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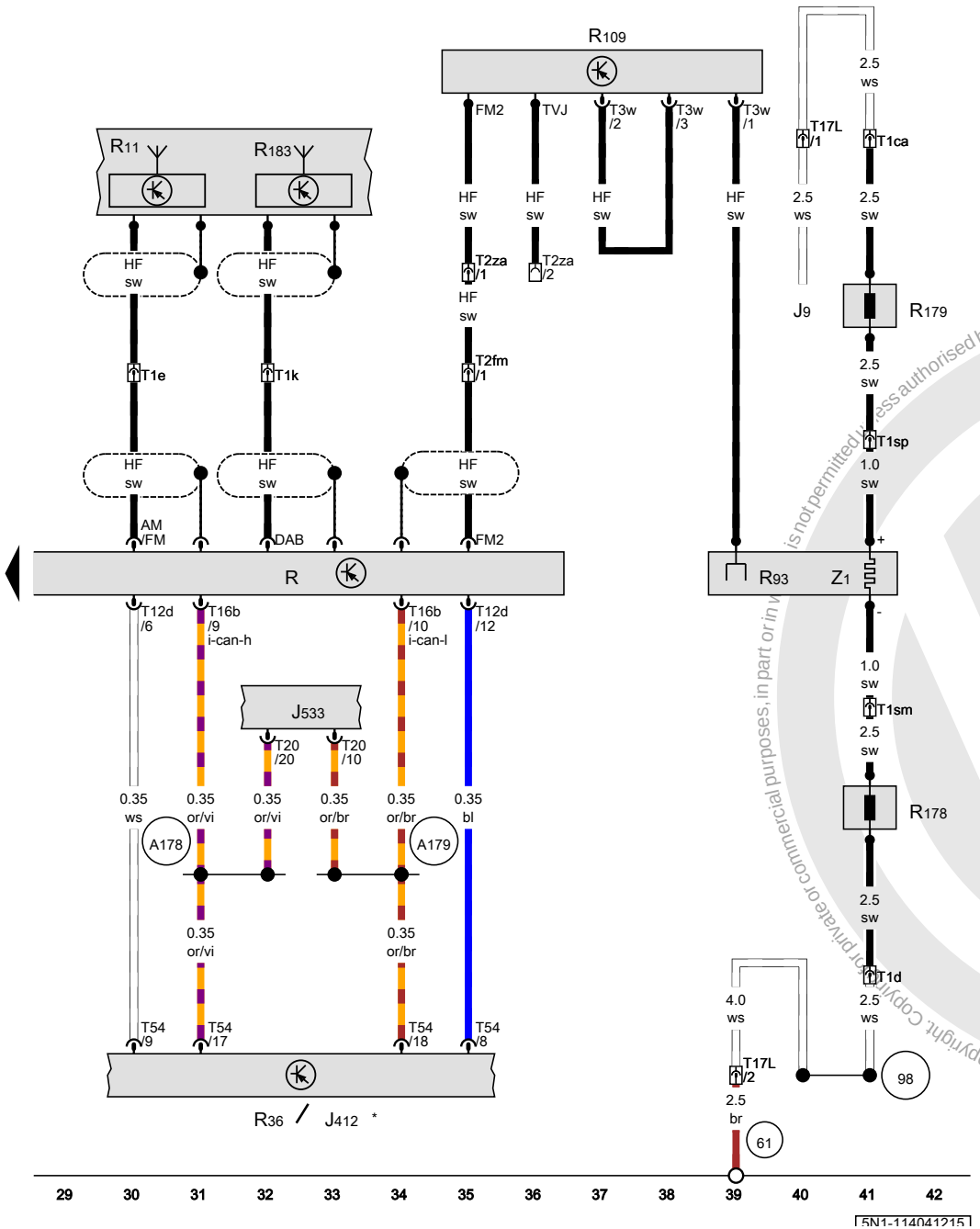


Radio, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

R	Radio
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T8b	8-pin connector
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio, Aerial, Telephone transmitter and receiver unit, Right aerial module, Heated rear window

J9	Heated rear window relay
J412	Mobile telephone operating electronics control unit
J533	Data bus diagnostic interface
R	Radio
R11	Aerial
R36	Telephone transmitter and receiver unit
R93	Radio aerial 2
R109	Right aerial module
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
R183	Digital radio aerial
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1k	Single connector
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T12d	12-pin connector
T16b	16-pin connector
T17L	17-pin connector
T20	20-pin connector
T54	54-pin connector
Z1	Heated rear window
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

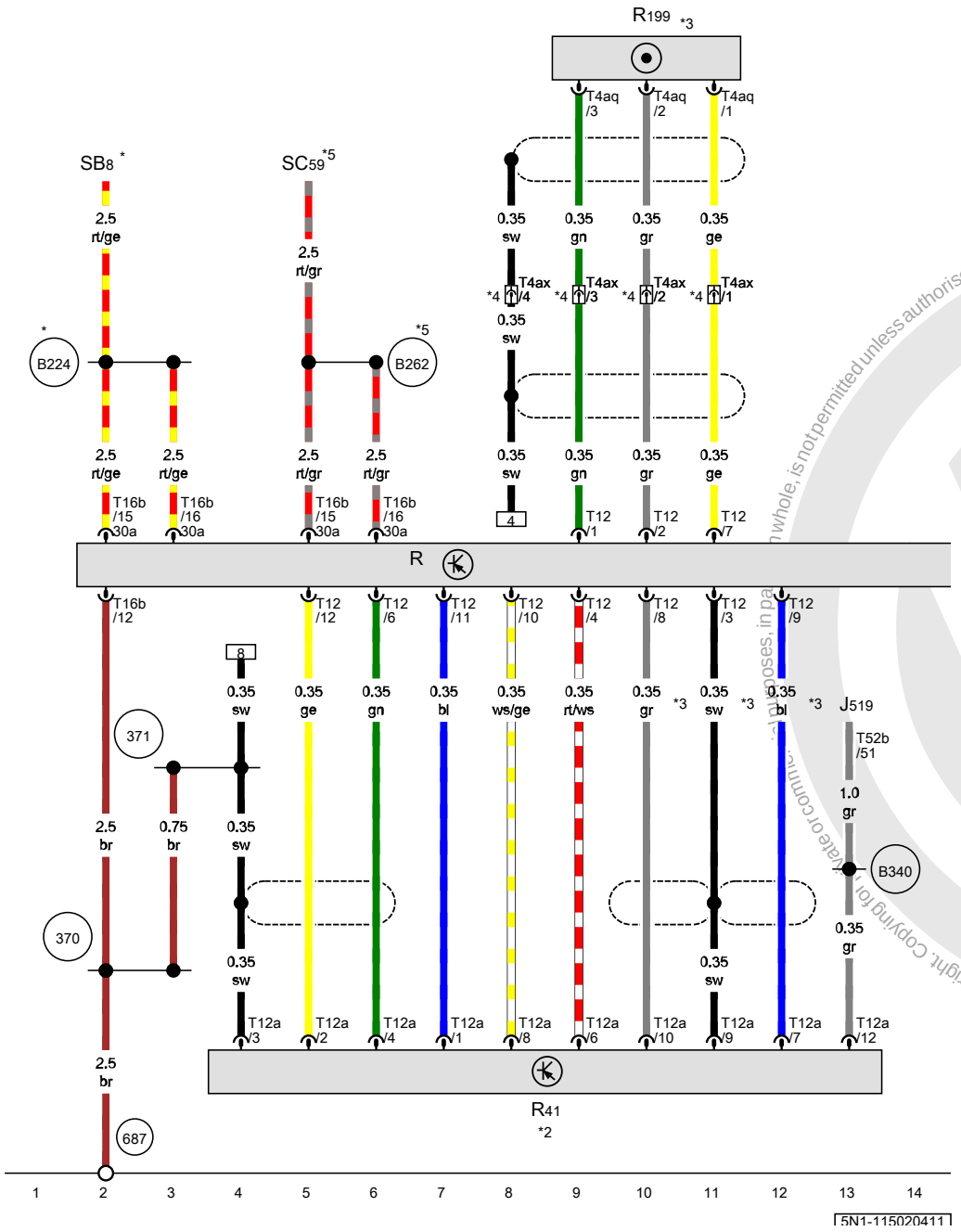
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Radio system RCD 300, Japan only

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Radio, CD changer, Connection for external audio sources

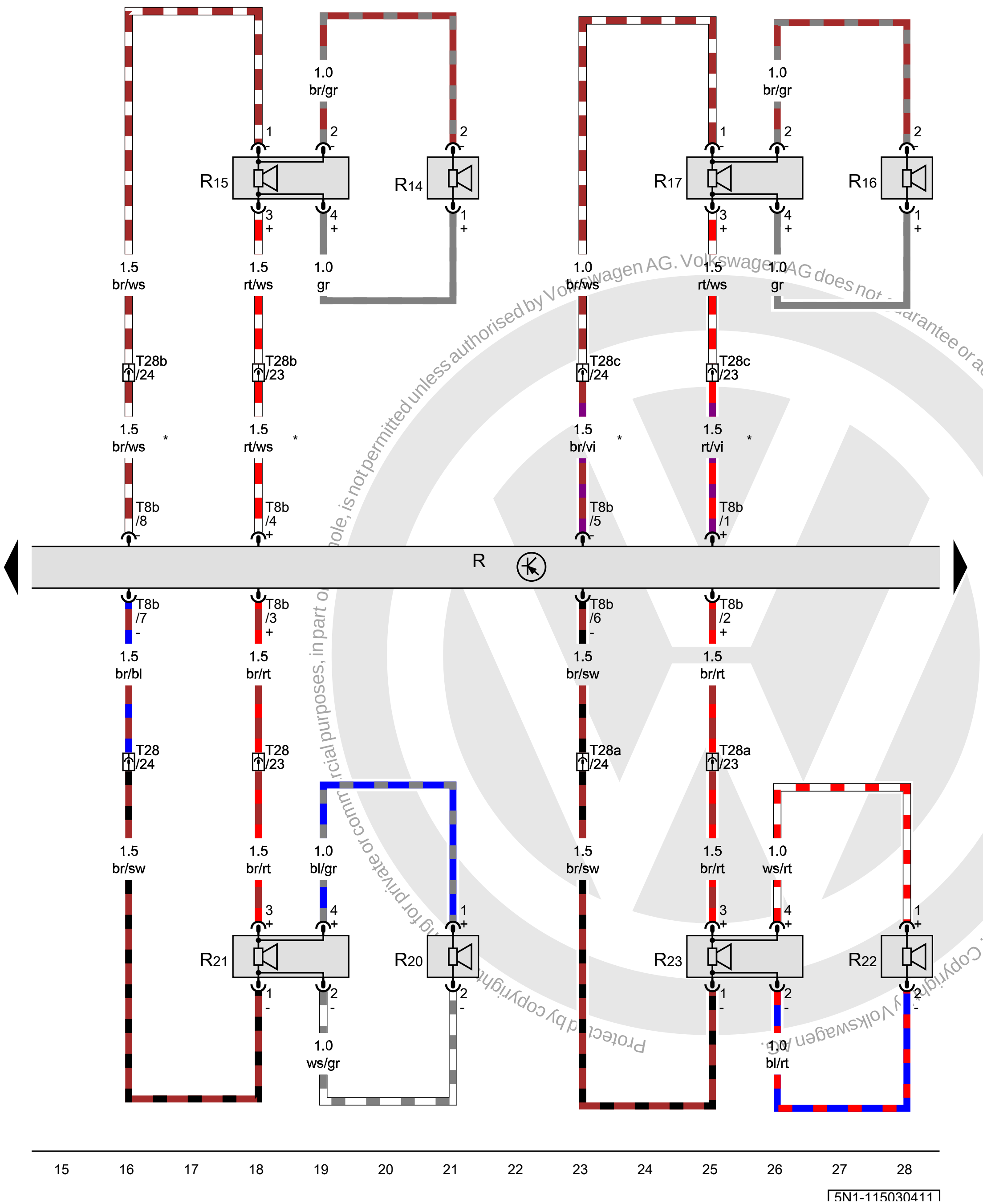


J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
SB8	Fuse 8 on fuse holder B
SC59	Fuse 59 on fuse holder C
T4aq	4-pin connector
T4ax	4-pin connector
T12	12-pin connector
T12a	12-pin connector
T16b	16-pin connector
T52b	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with no start/stop system
*2	Only models with CD changer/ prepared for CD changer
*3	According to equipment
*4	Only models with centre armrest
*5	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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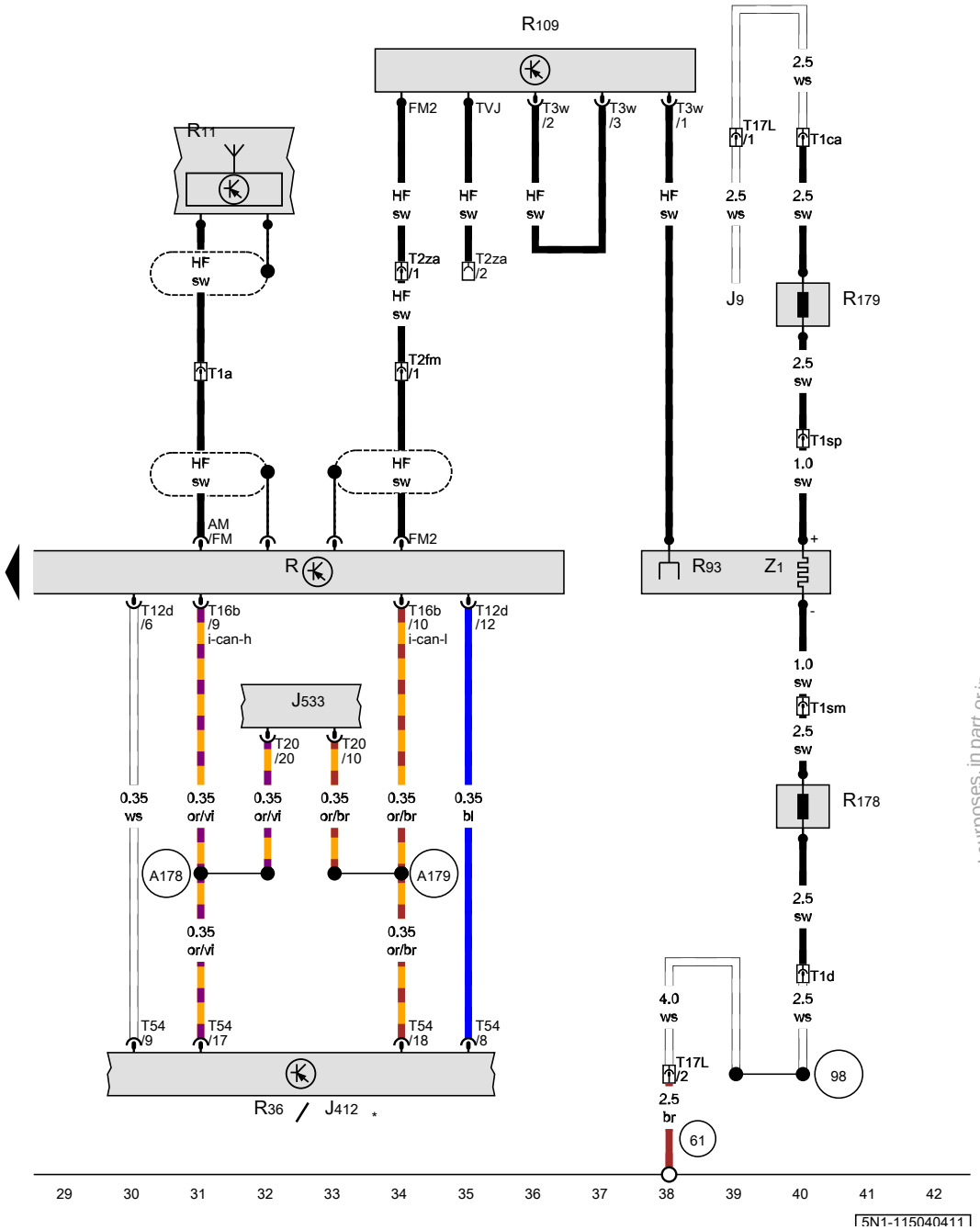
Radio, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker



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R	Radio
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T8b	8-pin connector
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector
*	Only models with rear loudspeaker

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Radio, Aerial, Telephone transmitter and receiver unit, Right aerial module, Heated rear window

J9	Heated rear window relay
J412	Mobile telephone operating electronics control unit
J533	Data bus diagnostic interface
R	Radio
R11	Aerial
R36	Telephone transmitter and receiver unit
R93	Radio aerial 2
R109	Right aerial module
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T1a	Single connector
T1ca	Single connector
T1d	Single connector
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T12d	12-pin connector
T16b	16-pin connector
T17L	17-pin connector
T20	20-pin connector
T54	54-pin connector
Z1	Heated rear window
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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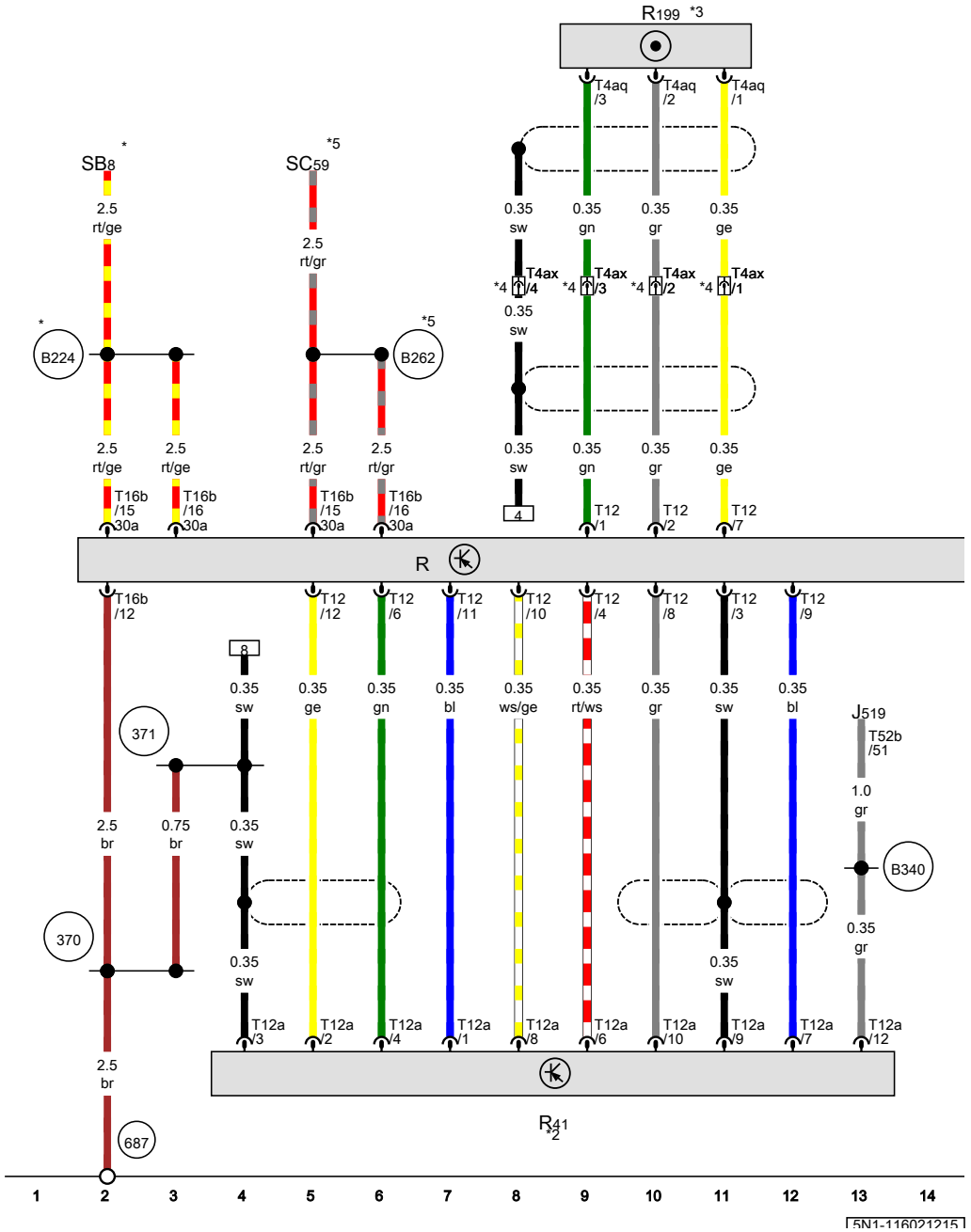
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Radio system RCD 310, Japan only , (8AH)

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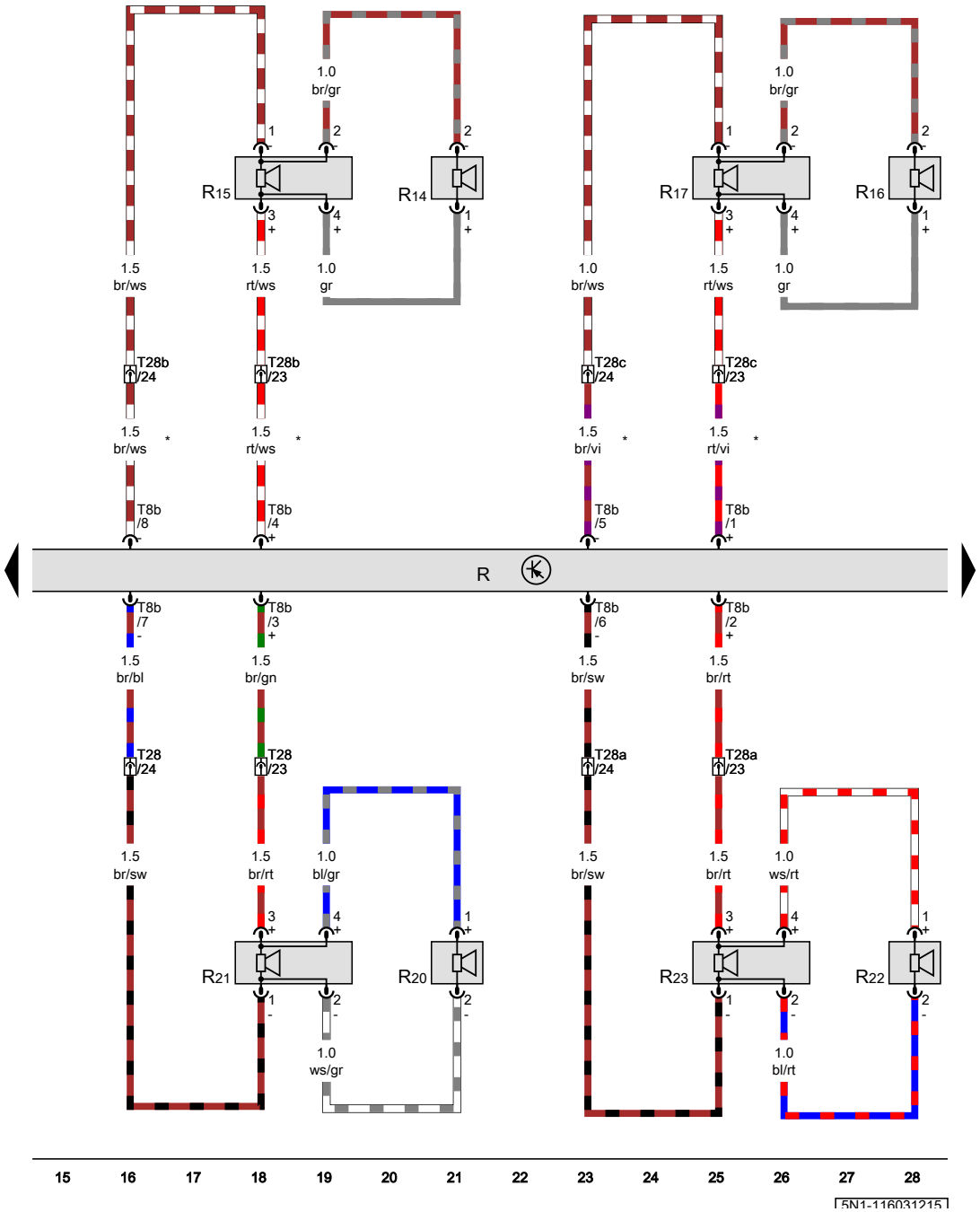
Radio, CD changer, Connection for external audio sources



J519	Onboard supply control unit
R	Radio
R41	CD changer
R199	Connection for external audio sources
SB8	Fuse 8 on fuse holder B
SC59	Fuse 59 on fuse holder C
T4aq	4-pin connector
T4ax	4-pin connector
T12	12-pin connector
T12a	12-pin connector
T16b	16-pin connector
T52b	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with no start/stop system
*2	Only models with CD changer/ prepared for CD changer
*3	According to equipment
*4	Only models with centre armrest
*5	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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li	=	purple
vi	=	purple
ge	=	yellow
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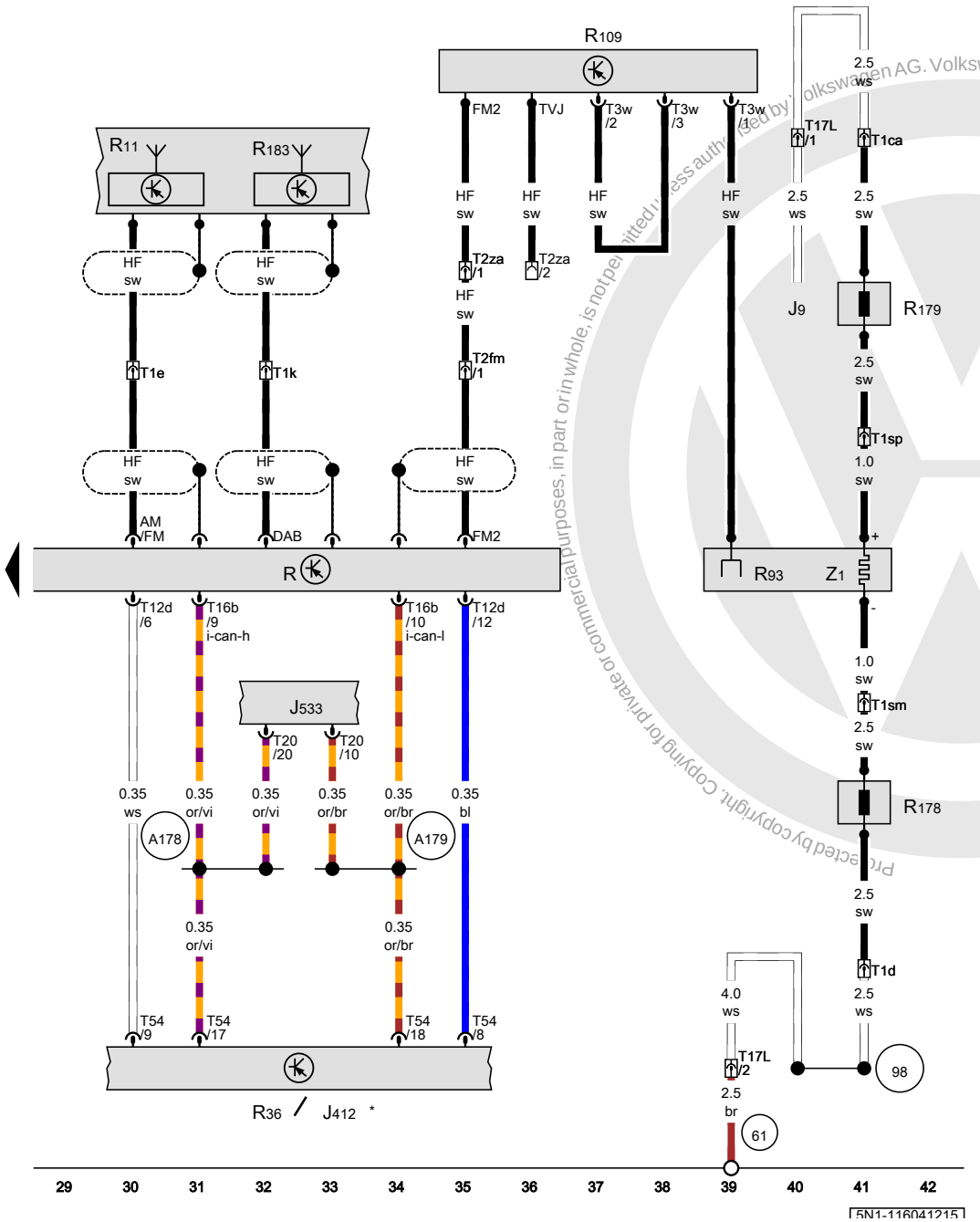


Radio, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

R	Radio
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T8b	8-pin connector
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector
*	Only models with rear loudspeaker

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio, Aerial, Telephone transmitter and receiver unit, Right aerial module, Heated rear window

J9	Heated rear window relay
J412	Mobile telephone operating electronics control unit
J533	Data bus diagnostic interface
R	Radio
R11	Aerial
R36	Telephone transmitter and receiver unit
R93	Radio aerial 2
R109	Right aerial module
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
R183	Digital radio aerial
T1ca	Single connector
T1d	Single connector
T1e	Single connector
T1k	Single connector
T1sm	Single connector
T1sp	Single connector
T2fm	2-pin connector
T2za	2-pin connector
T3w	3-pin connector
T12d	12-pin connector
T16b	16-pin connector
T17L	17-pin connector
T20	20-pin connector
T54	54-pin connector
Z1	Heated rear window
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	According to equipment

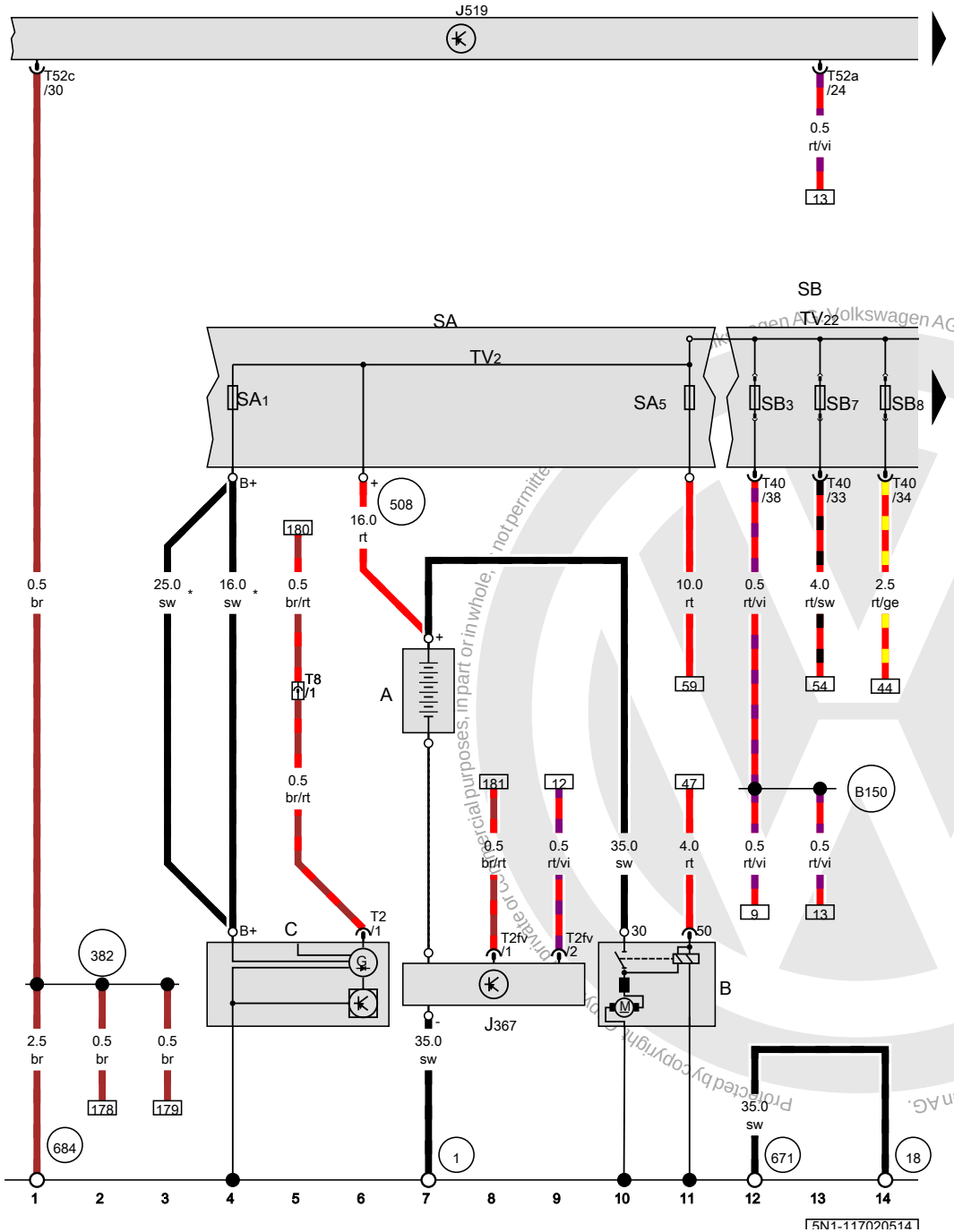
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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1.4l petrol engine with start/stop system , CAXA

From August 2010

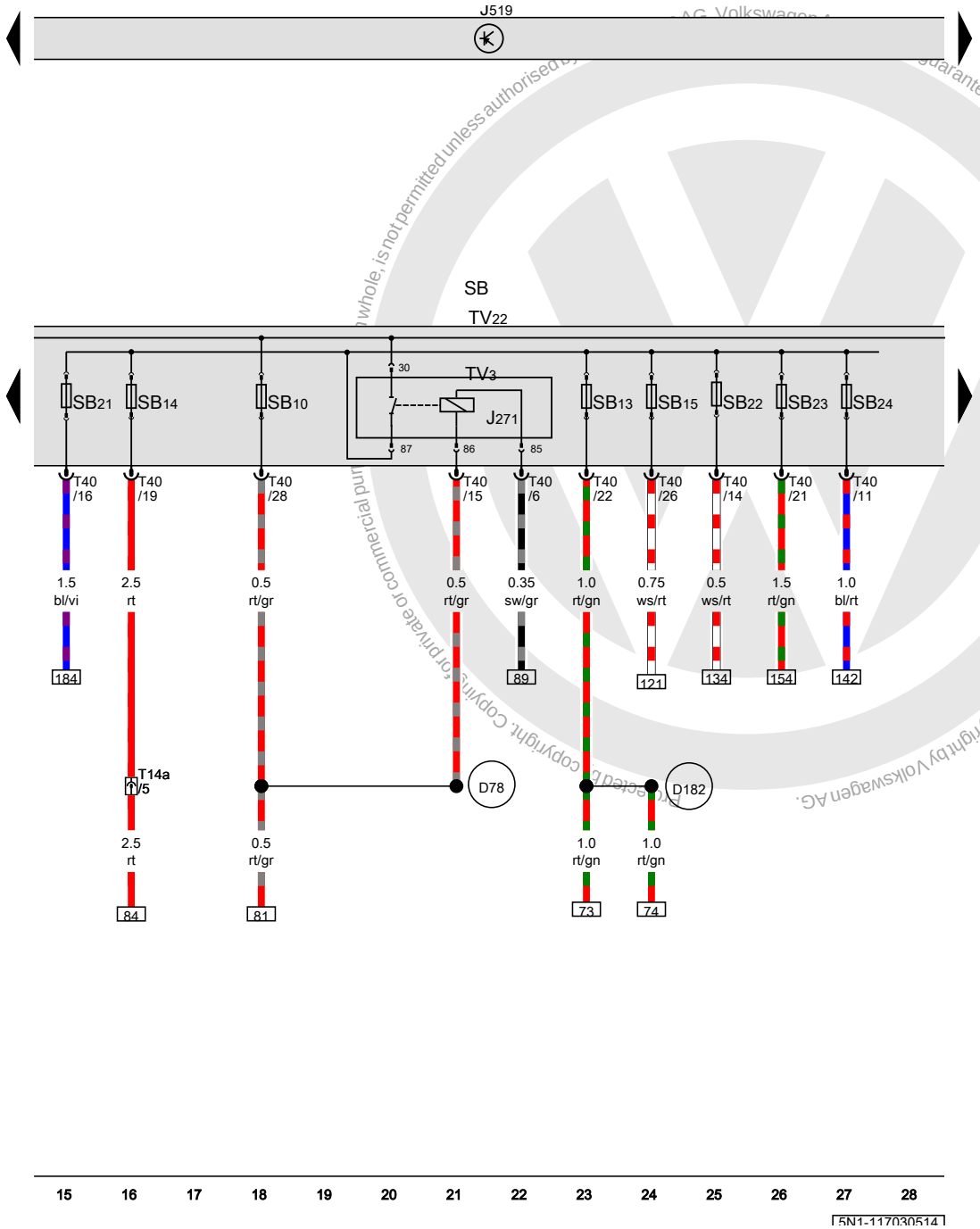


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, Starter, Alternator, Battery monitor control unit, Onboard supply control unit, Fuse holder A, Fuse holder B

A	Battery
B	Starter
C	Alternator
J367	Battery monitor control unit
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SB3	Fuse 3 on fuse holder B
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T2	2-pin connector
T2fv	2-pin connector
T8	8-pin connector
T40	40-pin connector
T52a	52-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
B150	Positive connection 2 (30a), in interior wiring harness
*	According to equipment

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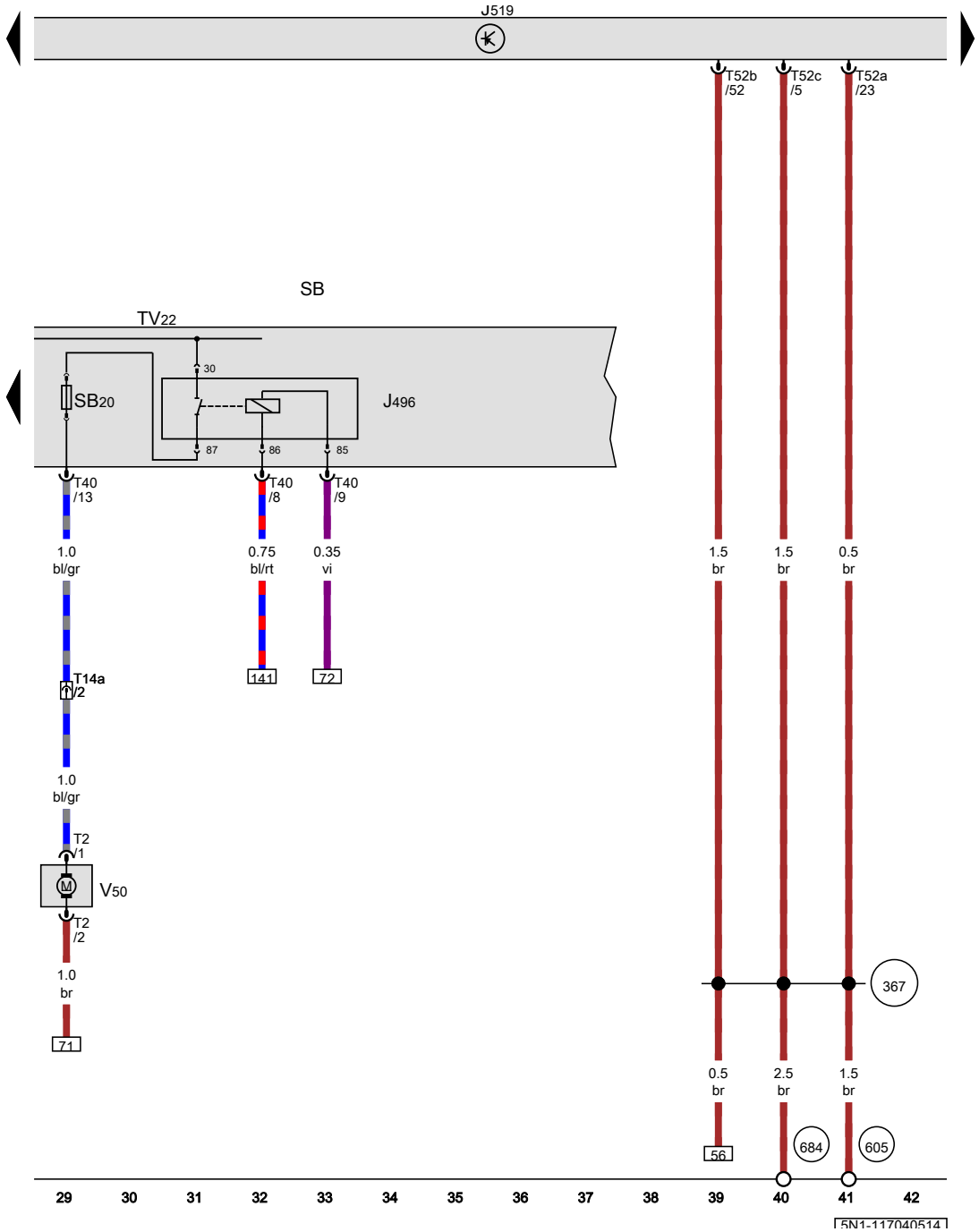


Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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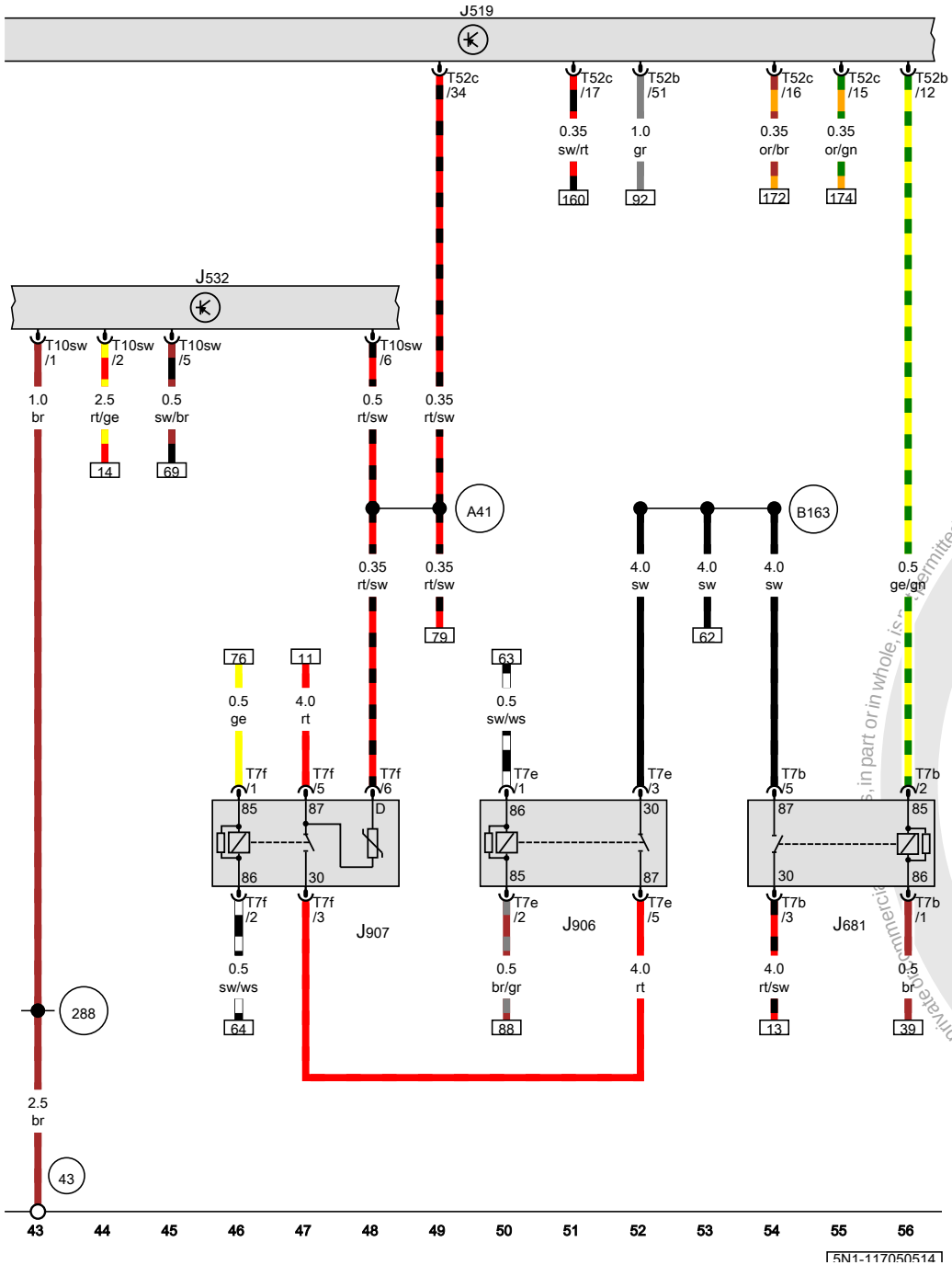


Additional coolant pump relay, Onboard supply control unit, Fuse holder B, Coolant circulation pump

J496	Additional coolant pump relay
J519	Onboard supply control unit
SB	Fuse holder B
SB20	Fuse 20 on fuse holder B
T2	2-pin connector
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV22	Terminal 30 wiring junction 2
V50	Coolant circulation pump
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2

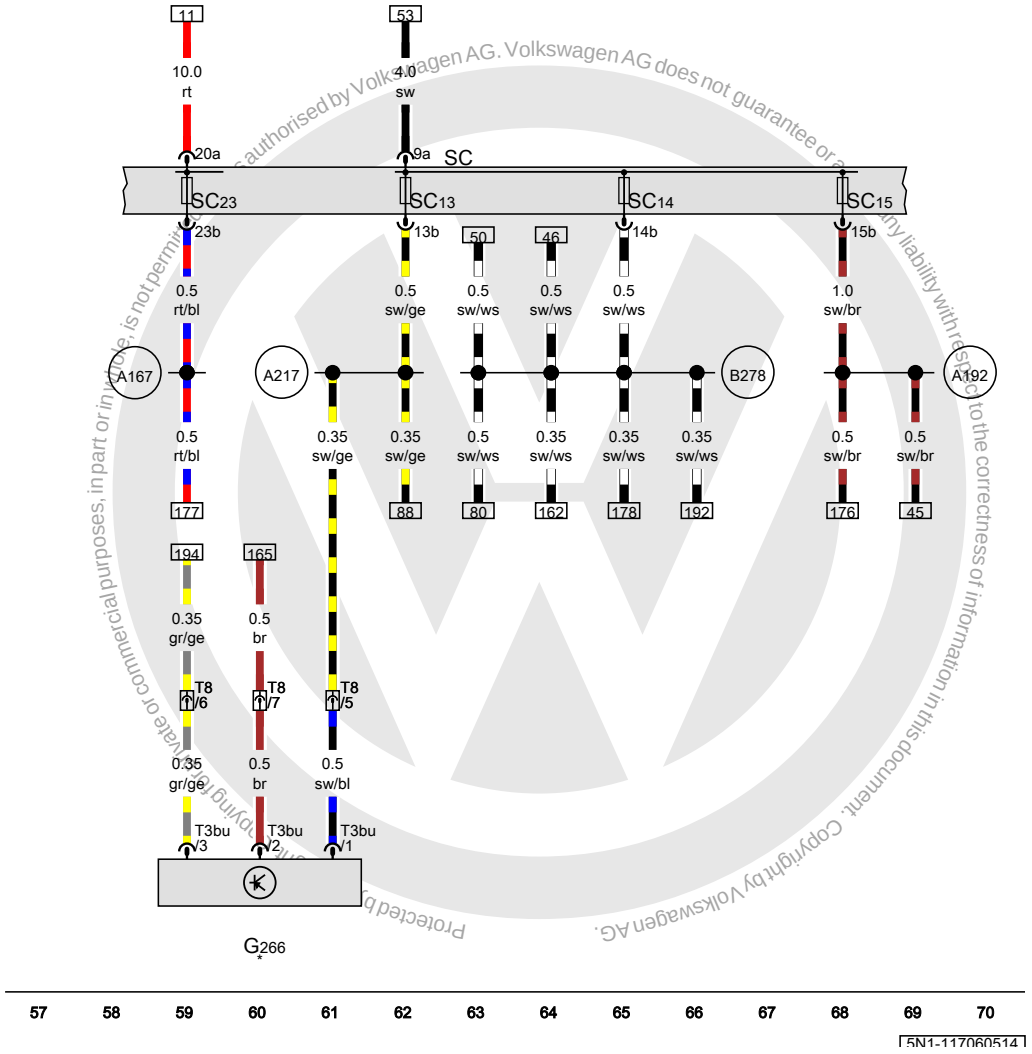
J519	Onboard supply control unit
J532	Voltage stabiliser
J681	Terminal 15 voltage supply relay 2
J906	Starter relay 1
J907	Starter relay 2
T7b	7-pin connector
T7e	7-pin connector
T7f	7-pin connector
T10sw	10-pin connector
T52b	52-pin connector
T52c	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
A41	Positive connection (50), in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Oil level and oil temperature sender, Fuse holder C

G266	Oil level and oil temperature sender
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
T3bu	3-pin connector
T8	8-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	According to equipment

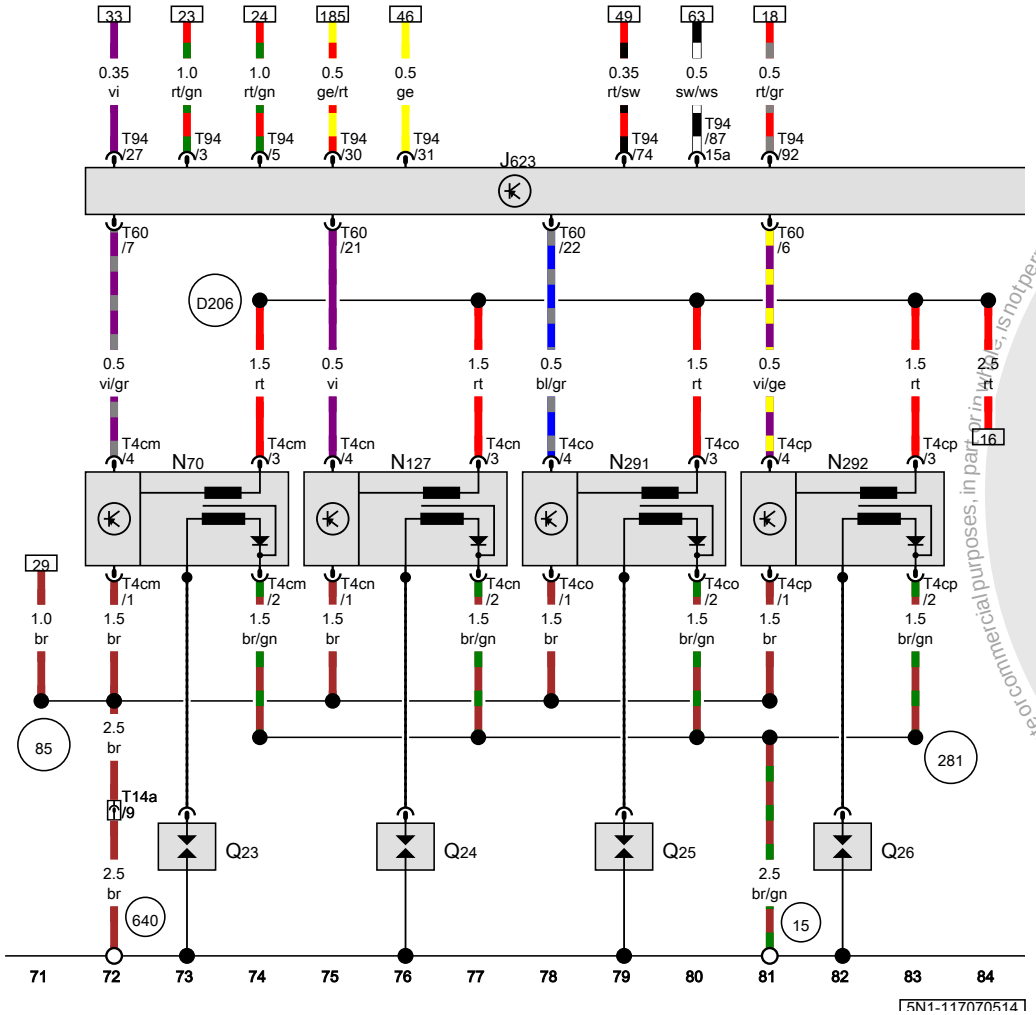


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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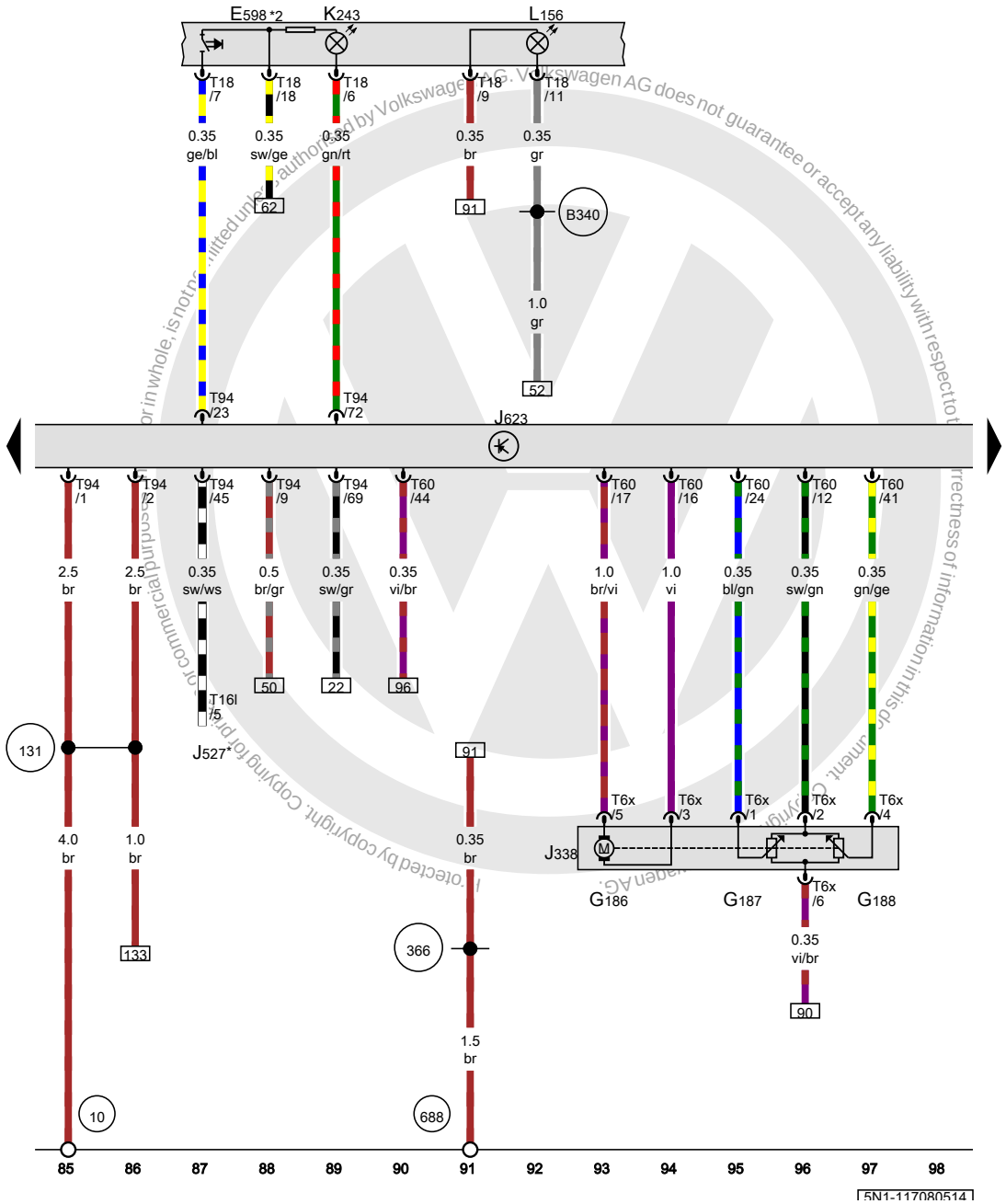
Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
640	Earth point 2, left in engine compartment
D206	Connection 4 (87a) in engine prewiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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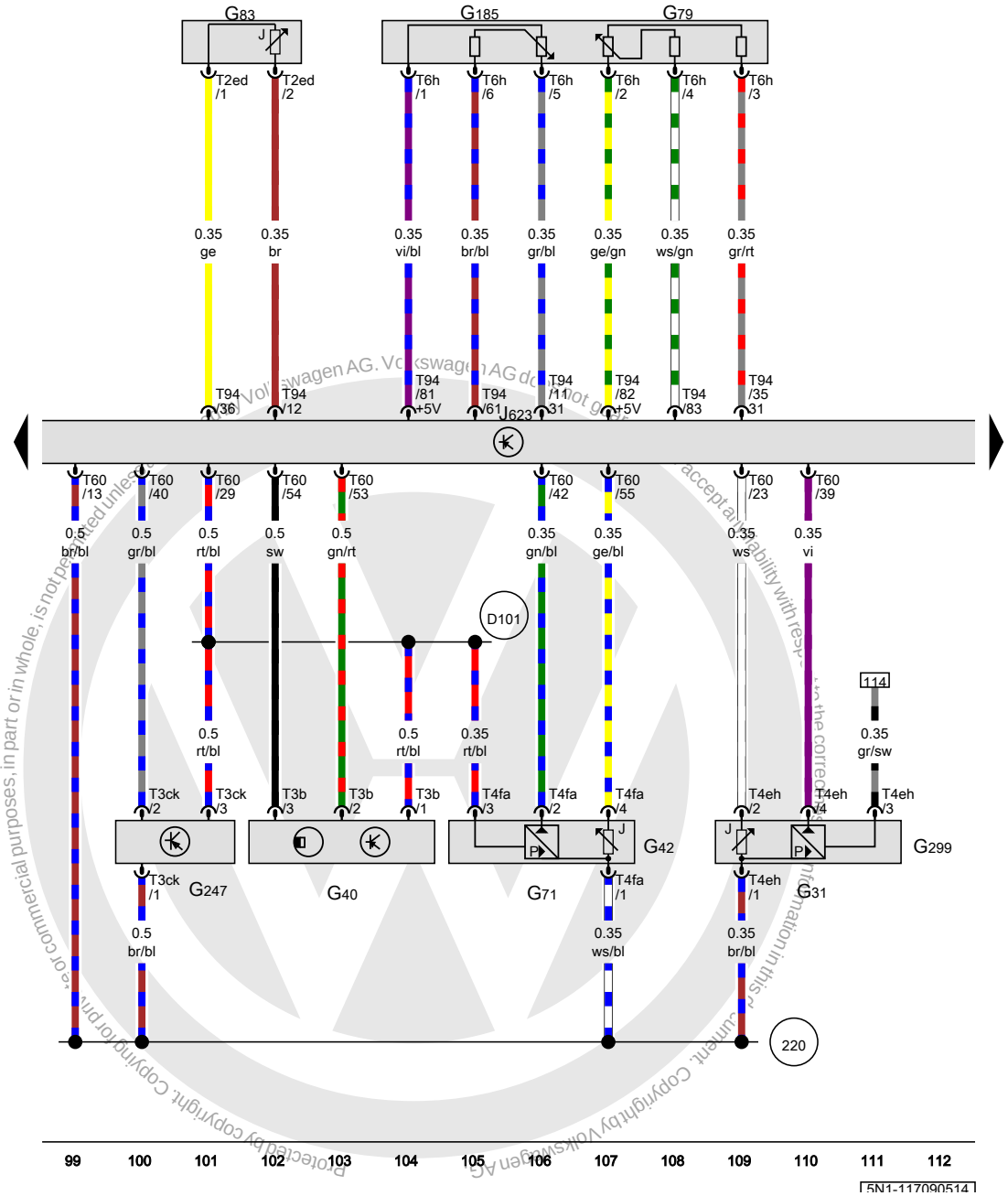


Driving program button, Throttle valve module, Engine control unit

E598	Driving program button
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J527	Steering column electronics control unit
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
T6x	6-pin connector
T16l	16-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
*	Only models with cruise control system (CCS)
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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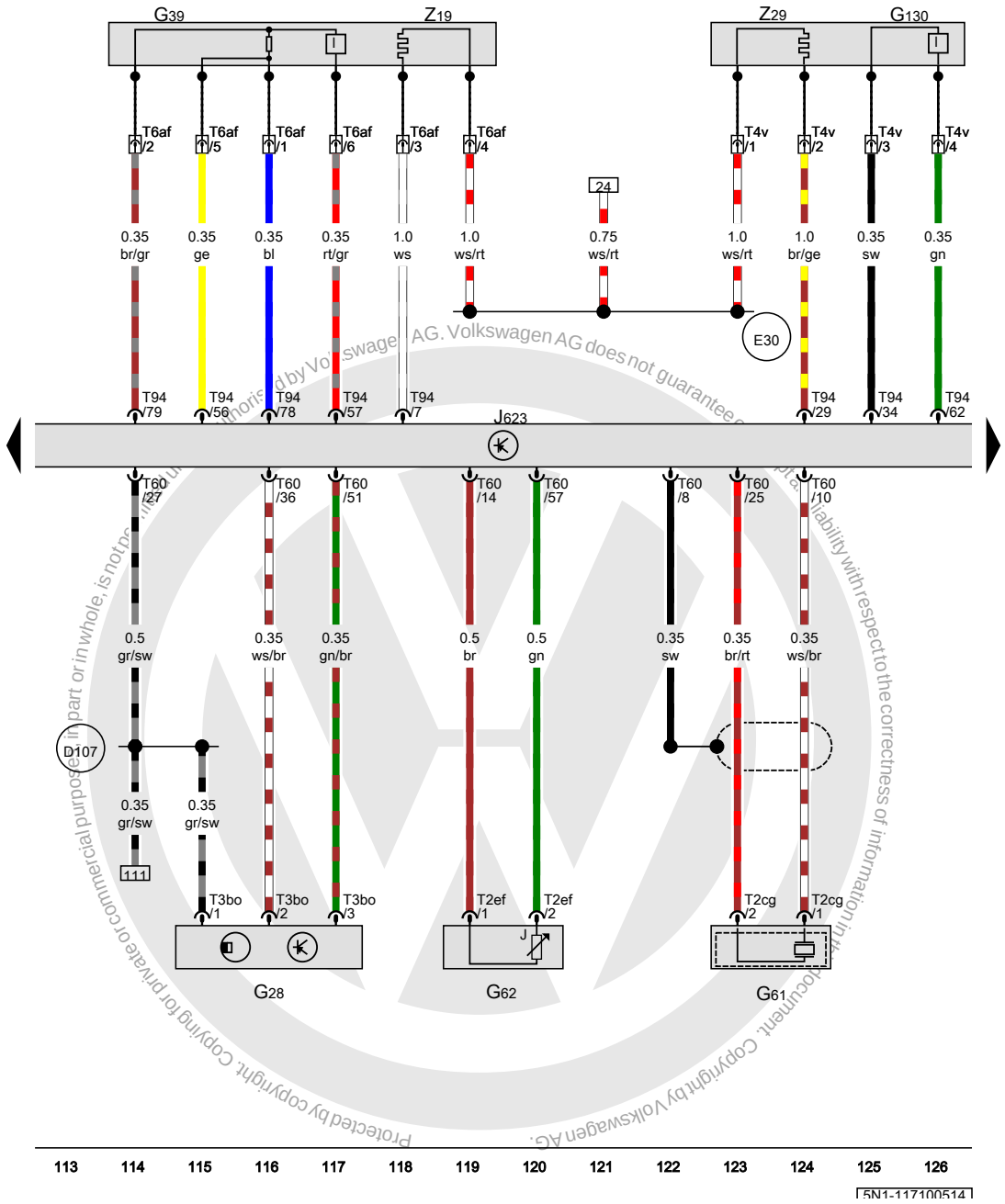


Charge pressure sender, Intake manifold pressure sender, Accelerator position sender, Radiator outlet coolant temperature sender, Accelerator position sender 2, Fuel pressure sender, Engine control unit

G31	Charge pressure sender
G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G79	Accelerator position sender
G83	Radiator outlet coolant temperature sender
G185	Accelerator position sender 2
G247	Fuel pressure sender
G299	Intake air temperature sender 2
J623	Engine control unit
T2ed	2-pin connector
T3b	3-pin connector
T3ck	3-pin connector
T4eh	4-pin connector
T4fa	4-pin connector
T6h	6-pin connector
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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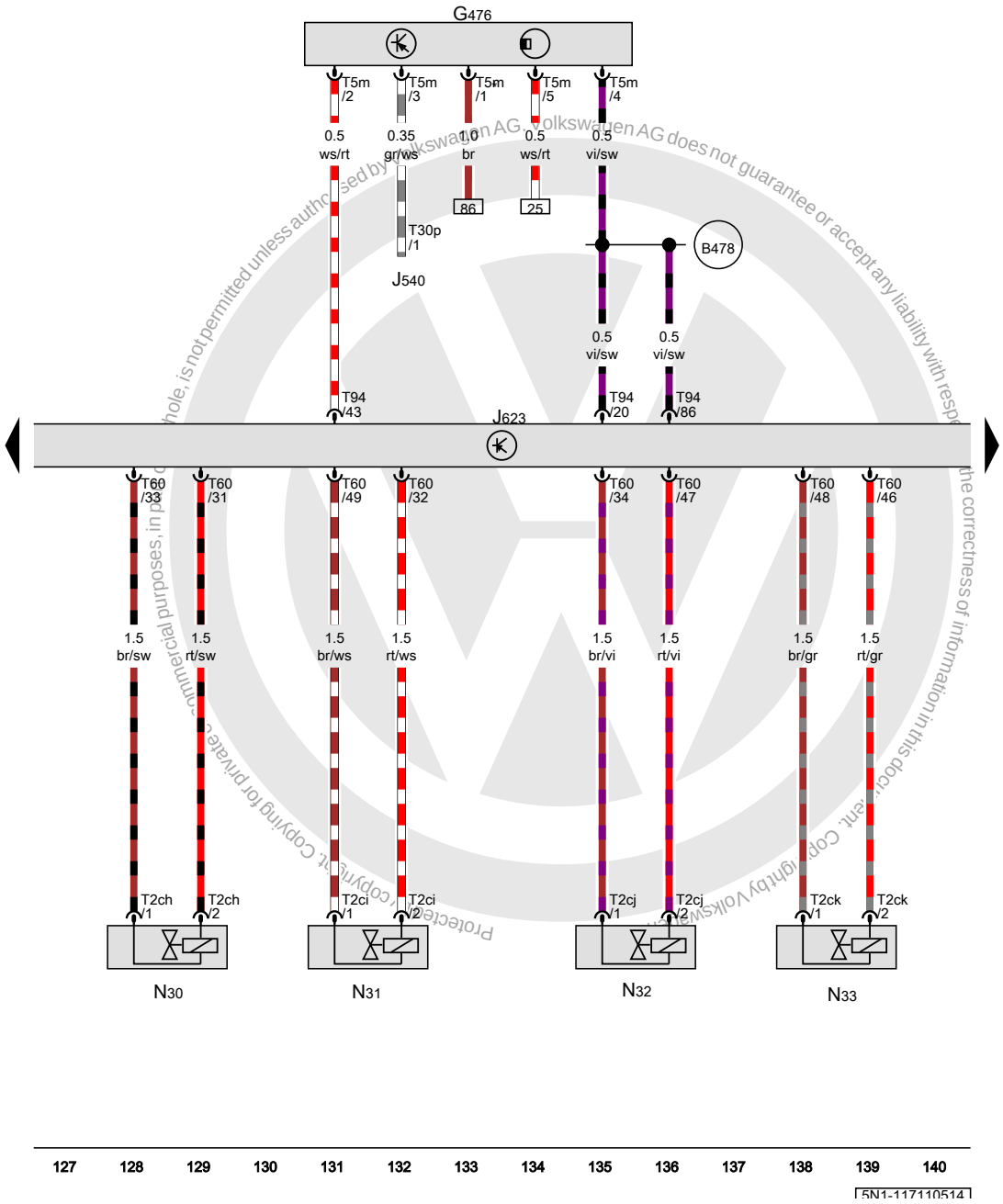


Engine speed sender, Lambda probe, Knock sensor 1, Coolant temperature sender, Lambda probe after catalytic converter, Engine control unit

G28	Engine speed sender
G39	Lambda probe
G61	Knock sensor 1
G62	Coolant temperature sender
G130	Lambda probe after catalytic converter
J623	Engine control unit
T2cg	2-pin connector
T2ef	2-pin connector
T3bo	3-pin connector
T4v	4-pin connector
T6af	6-pin connector
T60	60-pin connector
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D107	Connection 5 in engine compartment wiring harness
E30	Connection (87a), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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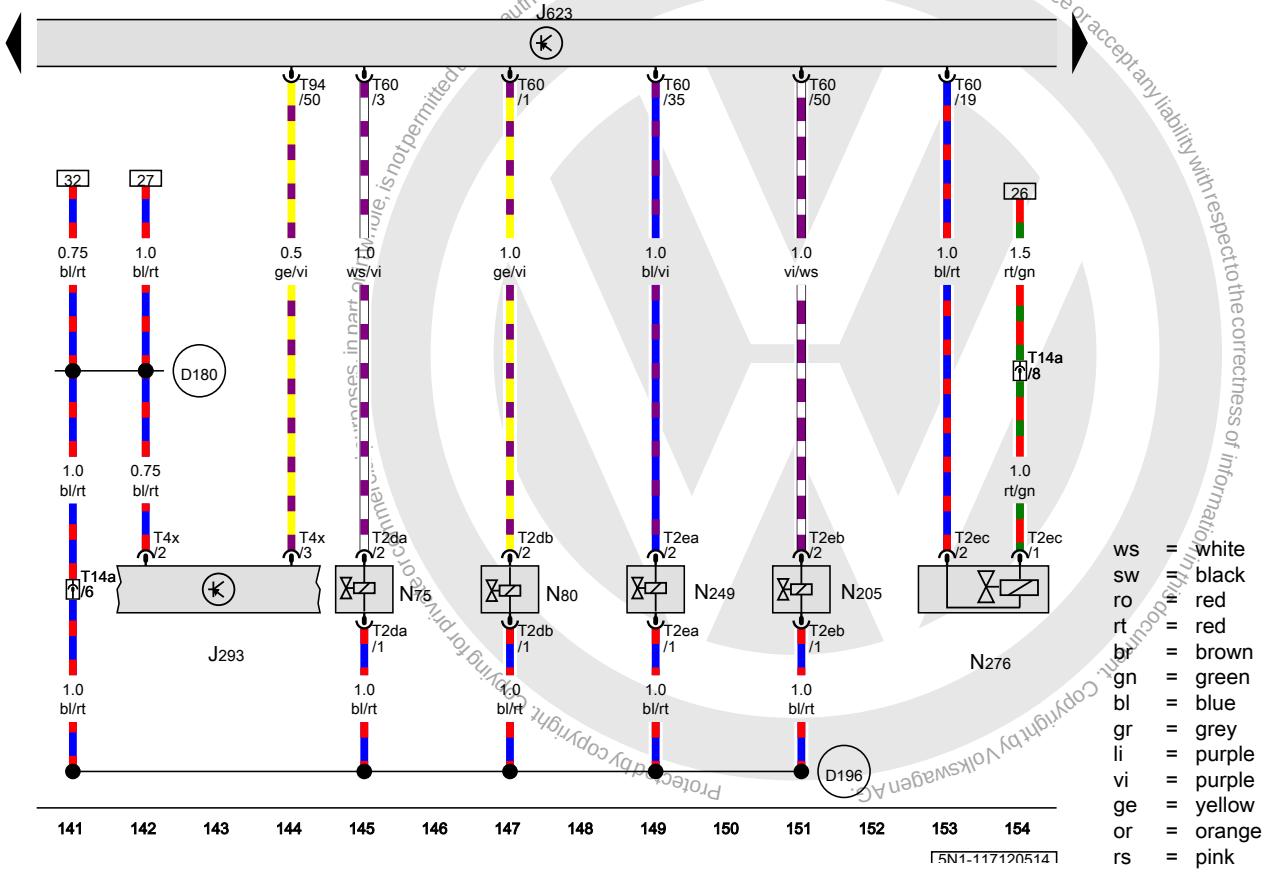
Clutch position sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T5m	5-pin connector
T30p	30-pin connector
T60	60-pin connector
T94	94-pin connector
B478	Connection 14, in main wiring harness
*	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Radiator fan control unit, Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Fuel pressure regulating valve



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

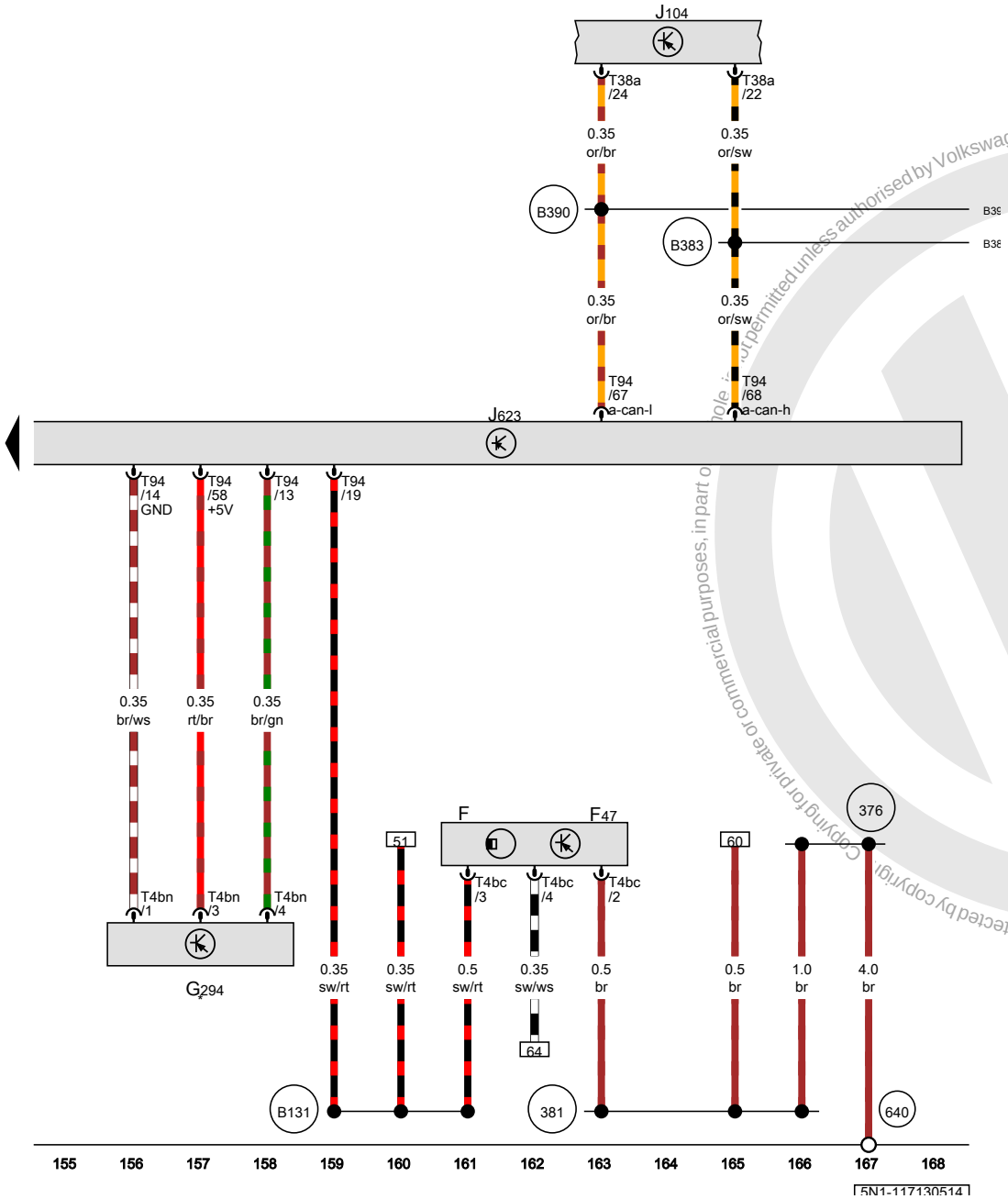
J293 Radiator fan control unit
J623 Engine control unit
N75 Charge pressure control solenoid valve
N80 Activated charcoal filter solenoid valve 1
N205 Camshaft control valve 1
N249 Turbocharger air recirculation valve
N276 Fuel pressure regulating valve
T2da 2-pin connector
T2db 2-pin connector
T2ea 2-pin connector
T2eb 2-pin connector
T2ec 2-pin connector
T4x 4-pin connector
T14a 14-pin connector
T60 60-pin connector
T94 94-pin connector

D180 Connection (87a), in engine compartment wiring harness

D196 Connection 2 (87a) in engine prewiring harness

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Brake light switch, Engine control unit



F	Brake light switch
F47	Brake pedal switch
G294	Brake servo pressure sensor
J104	ABS control unit
J623	Engine control unit
T4bc	4-pin connector
T4bn	4-pin connector
T38a	38-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B131	Connection (54), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Data bus diagnostic interface, Diagnostic connection

J533 Data bus diagnostic interface
T16l 16-pin connector
T20 20-pin connector
U31 Diagnostic connection

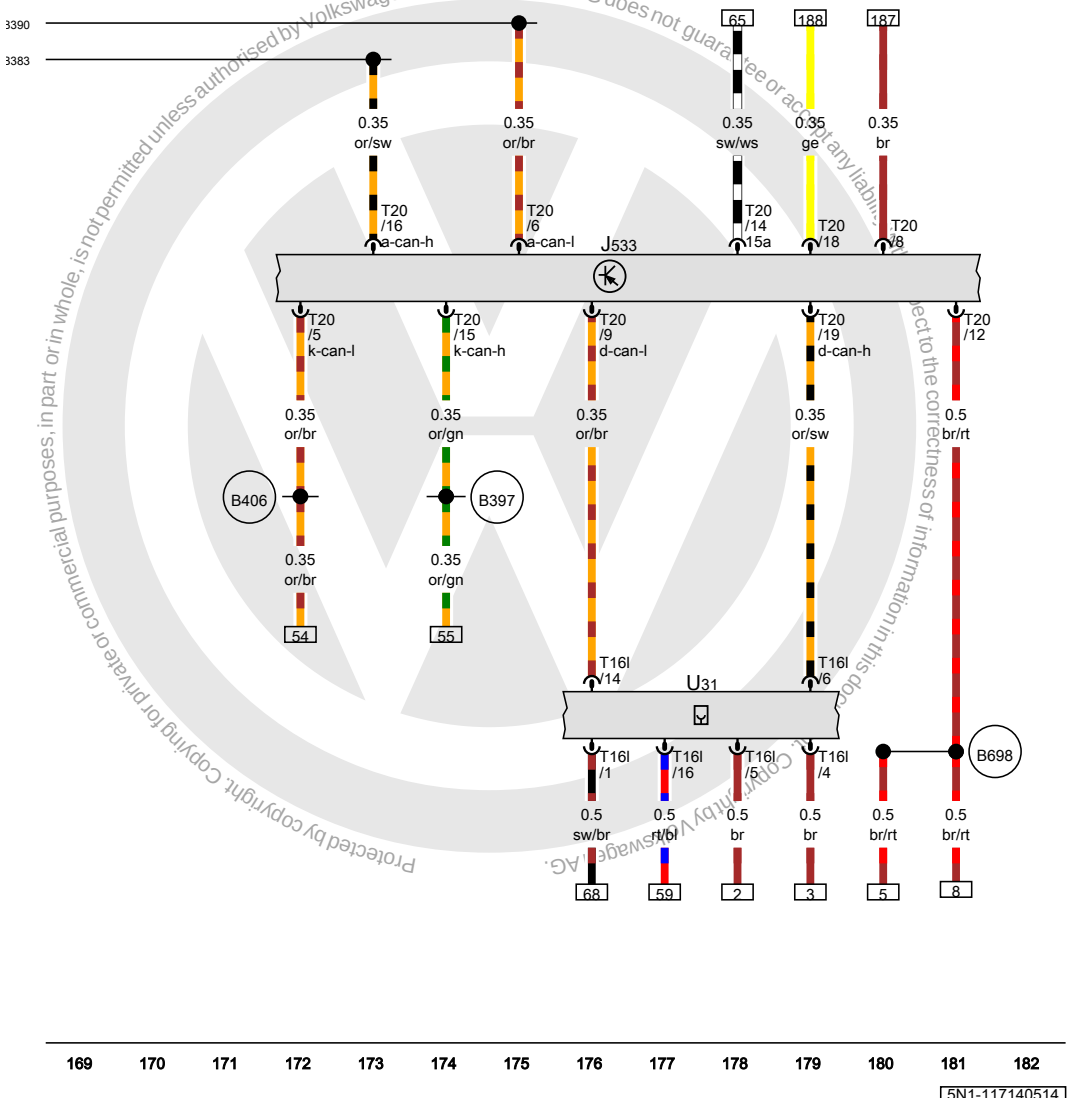
B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

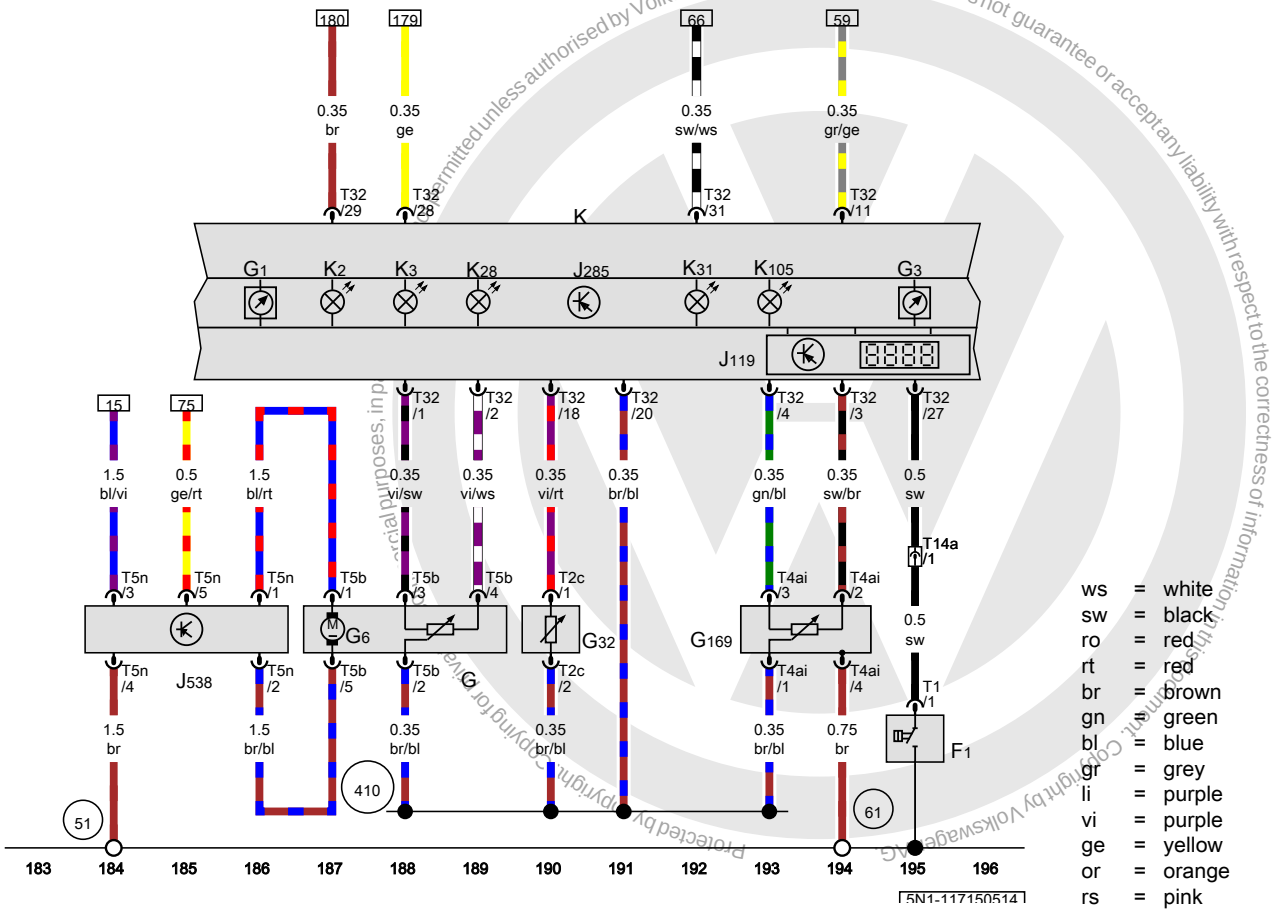
B698 Connection 3 (LIN bus) in main wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert



ws	=	white			
sw	=	black			
ro	=	red			
rt	=	red			
br	=	brown			
gn	=	green			
bl	=	blue			
gr	=	grey			
li	=	purple			
vi	=	purple			
ge	=	yellow			
or	=	orange			
rs	=	pink			

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T1	Single connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness

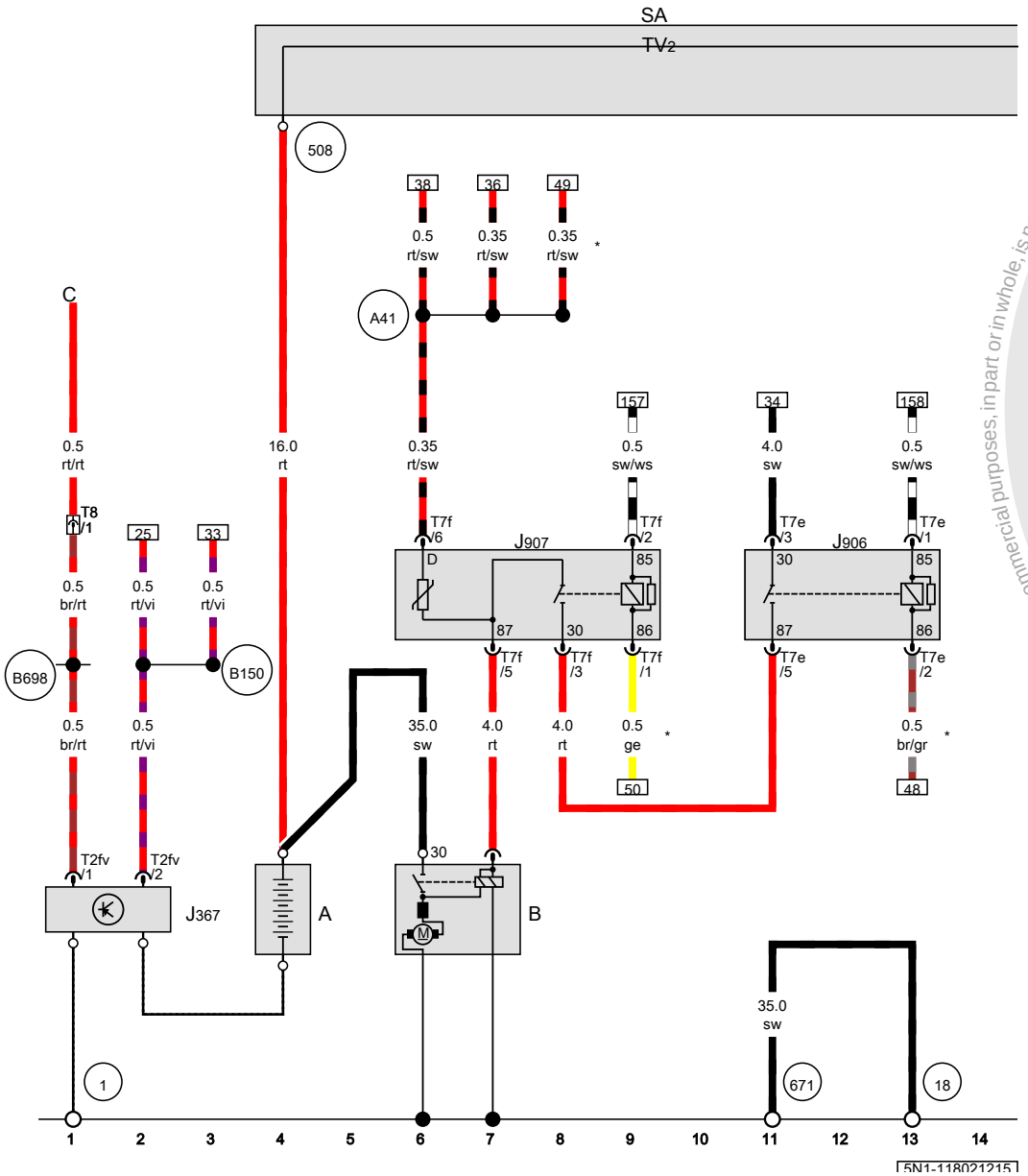
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Fuse assignment , (7L6)

From May 2010

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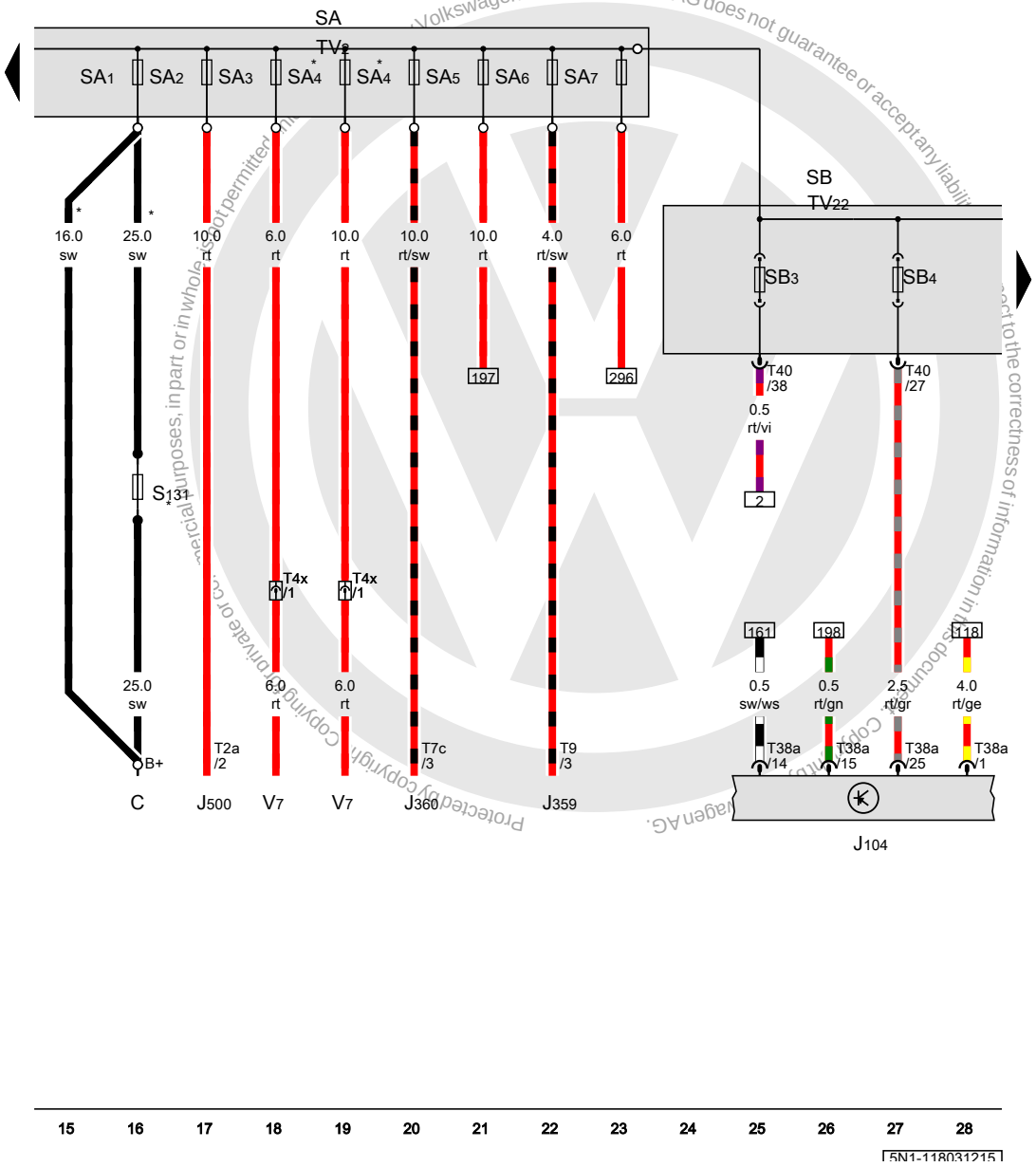
Battery, Starter, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder A, Terminal 30 wiring junction



A	Battery
B	Starter
C	Alternator
J367	Battery monitor control unit
J906	Starter relay 1
J907	Starter relay 2
SA	Fuse holder A
T2fv	2-pin connector
T7e	7-pin connector
T7f	7-pin connector
TV2	Terminal 30 wiring junction
T8	8-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
A41	Positive connection (50), in dash panel wiring harness
B150	Positive connection 2 (30a), in interior wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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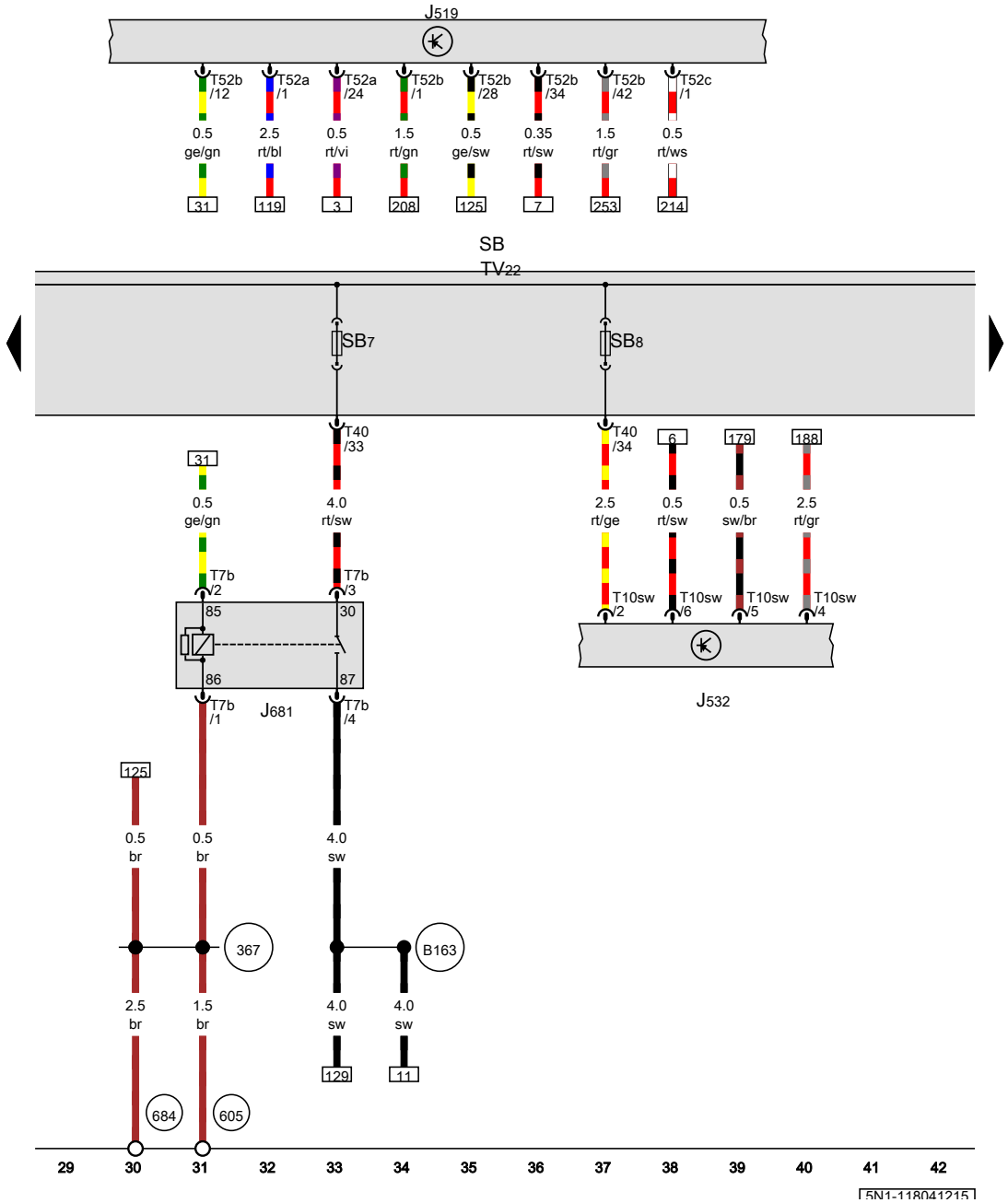


Fuse holder A, Fuse holder B, Terminal 30 wiring junction, Terminal 30 wiring junction 2

C	Alternator
J104	ABS control unit
J359	Low heat output relay
J360	High heat output relay
J500	Power steering control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SA6	Fuse 6 in fuse holder A
SA7	Fuse 7 in fuse holder A
S131	Fuse 1, in alternator wire
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
T2a	2-pin connector
T4x	4-pin connector
T7c	7-pin connector
T9	9-pin connector
T38a	38-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
V7	Radiator fan
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Fuse holder B, Terminal 30 wiring junction 2

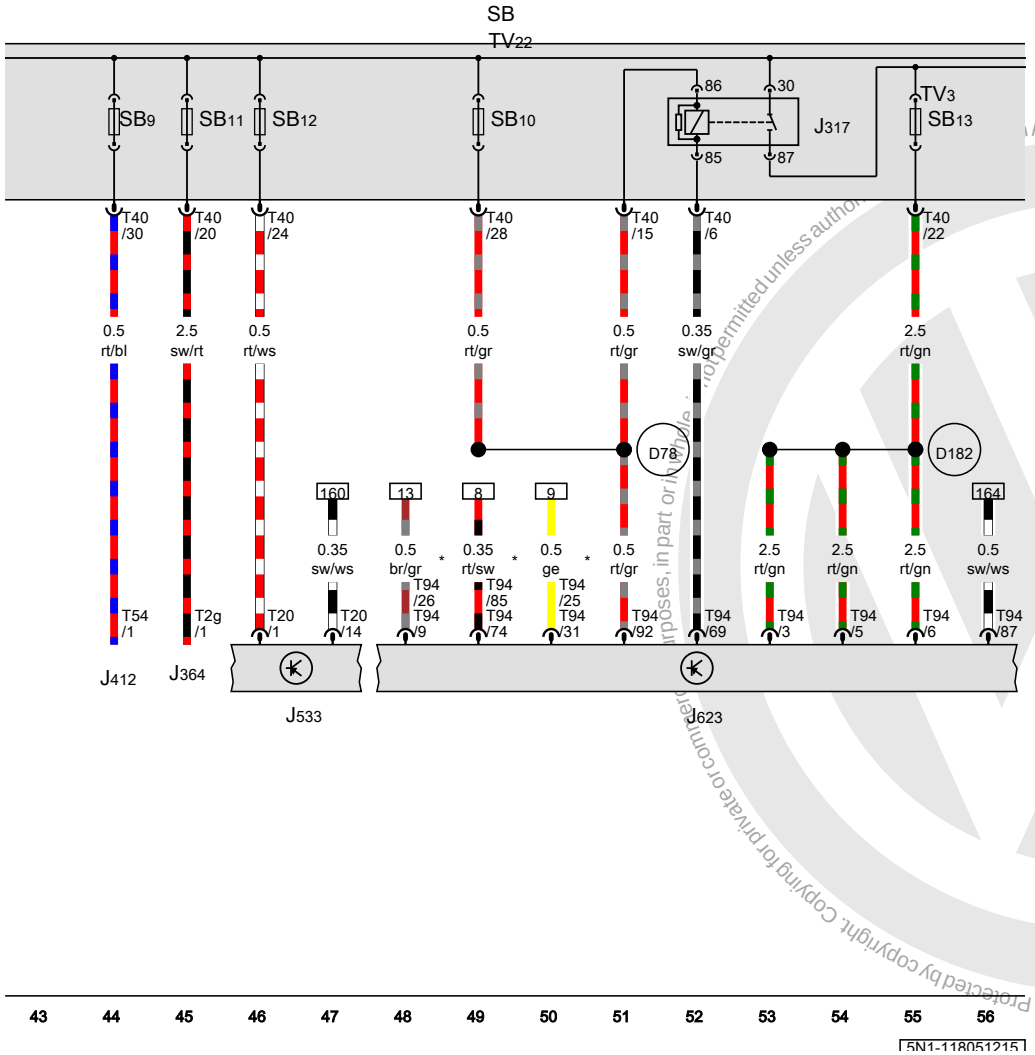
J519	Onboard supply control unit
J532	Voltage stabiliser
J681	Terminal 15 voltage supply relay 2
SB	Fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T7b	7-pin connector
T10sw	10-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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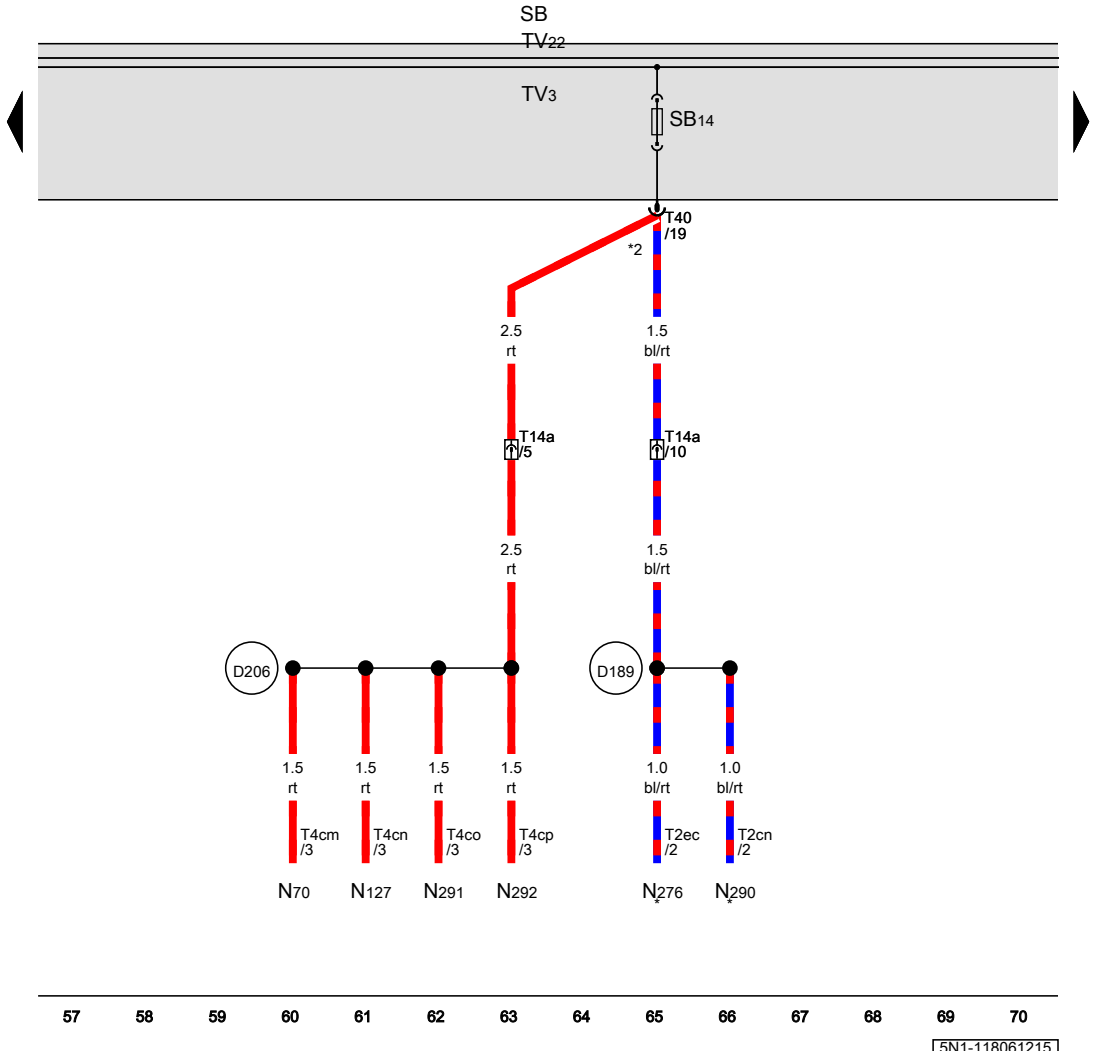
Terminal 30 voltage supply relay, Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

J317	Terminal 30 voltage supply relay
J364	Auxiliary heater control unit
J412	Mobile telephone operating electronics control unit
J533	Data bus diagnostic interface
J623	Engine control unit
SB	Fuse holder B
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB13	Fuse 13 on fuse holder B
T2g	2-pin connector
TV3	Terminal 30a wiring junction
T20	20-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
T54	54-pin connector
T94	94-pin connector
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for engine



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

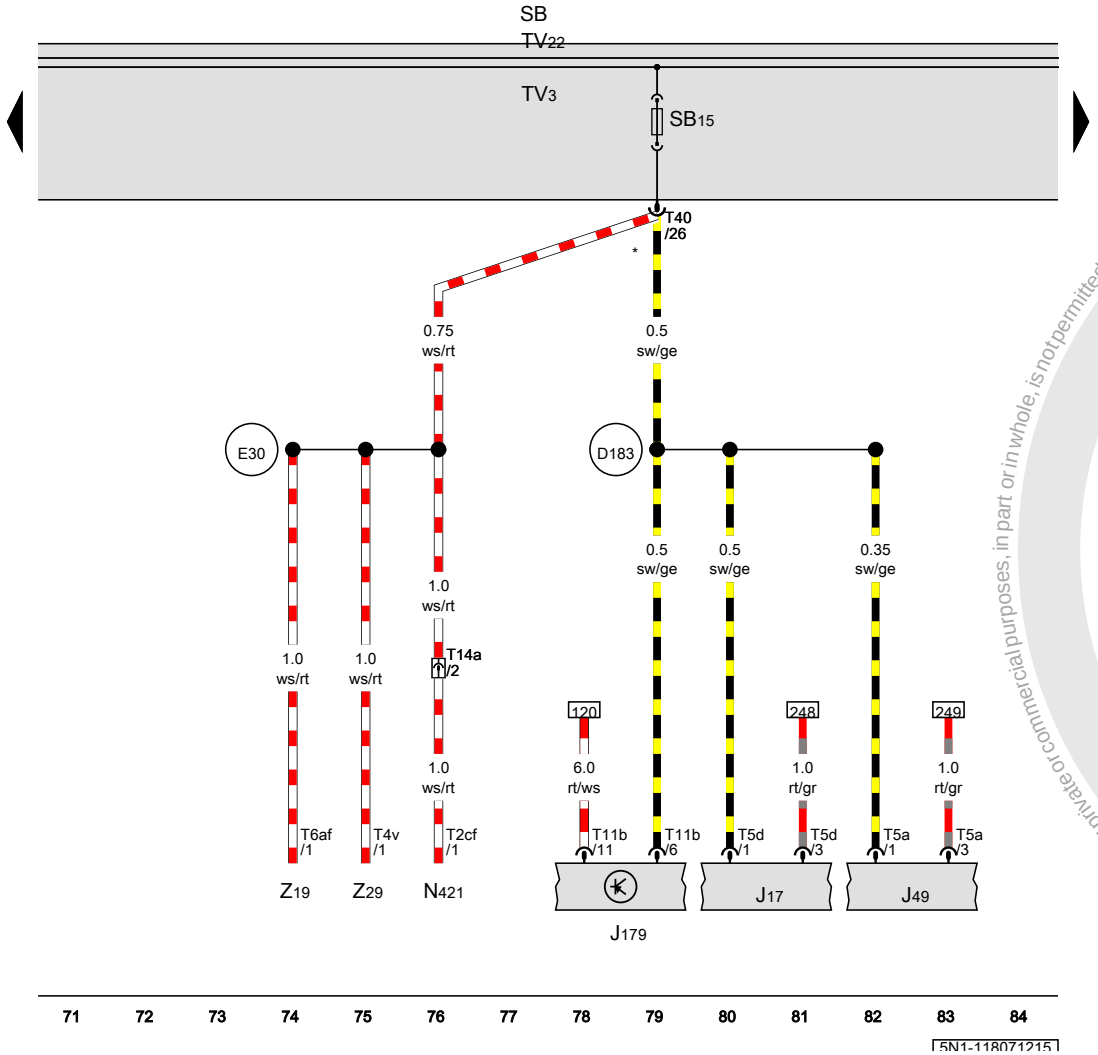
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
SB	Fuse holder B
SB14	Fuse 14 on fuse holder B
T2cn	2-pin connector
T2ec	2-pin connector
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
D189	Connection (87a) in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	Only models with diesel engine
*2	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

J17	Fuel pump relay
J49	Electric fuel pump 2 relay
J179	Automatic glow period control unit
N421	Magnetic clutch for supercharger
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
T2cf	2-pin connector
T4v	4-pin connector
T5a	5-pin connector
T5d	5-pin connector
T6af	6-pin connector
T11b	11-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D183	Connection 4 (87a), in engine compartment wiring harness
E30	Connection (87a), in engine wiring harness
*	see applicable current flow diagram for engine

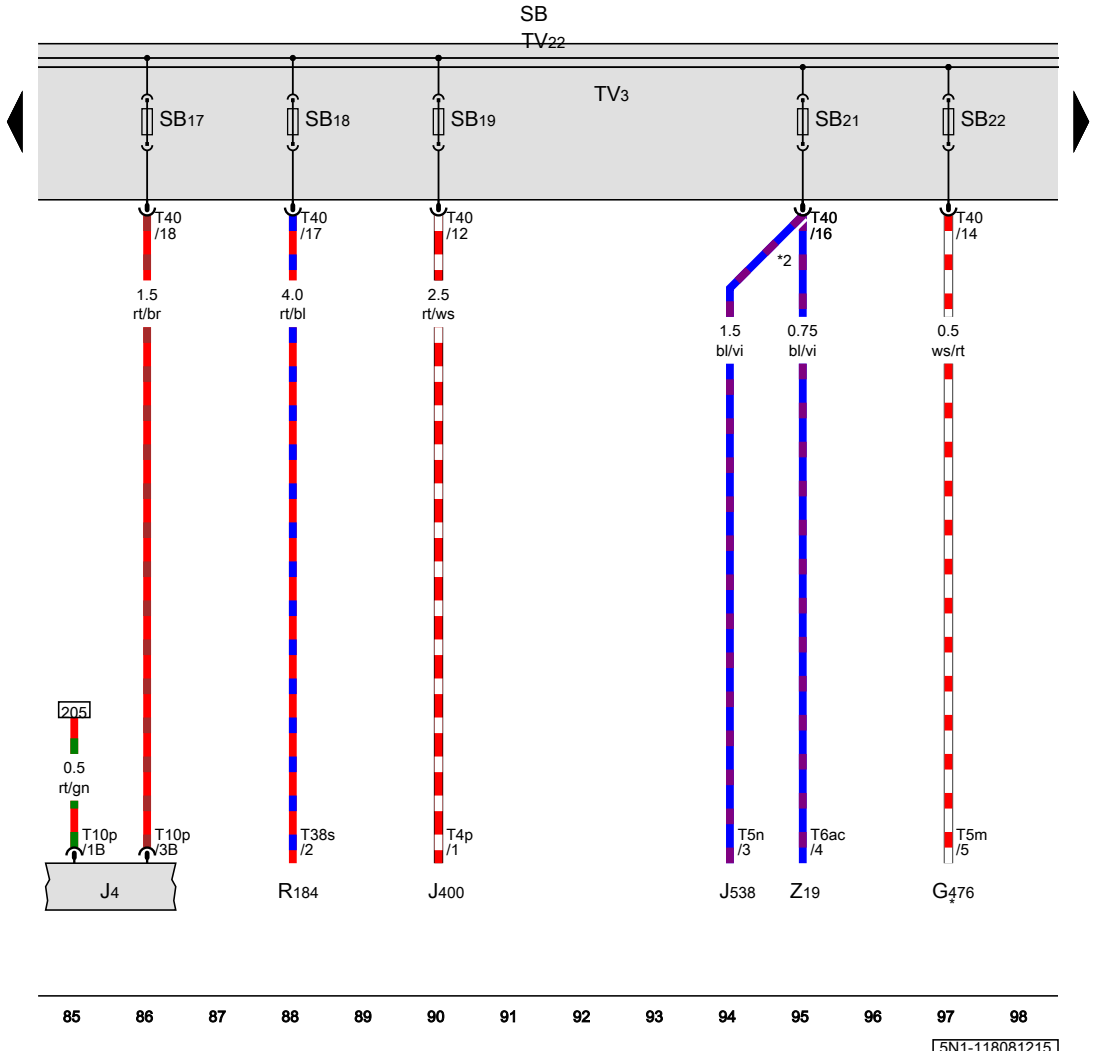


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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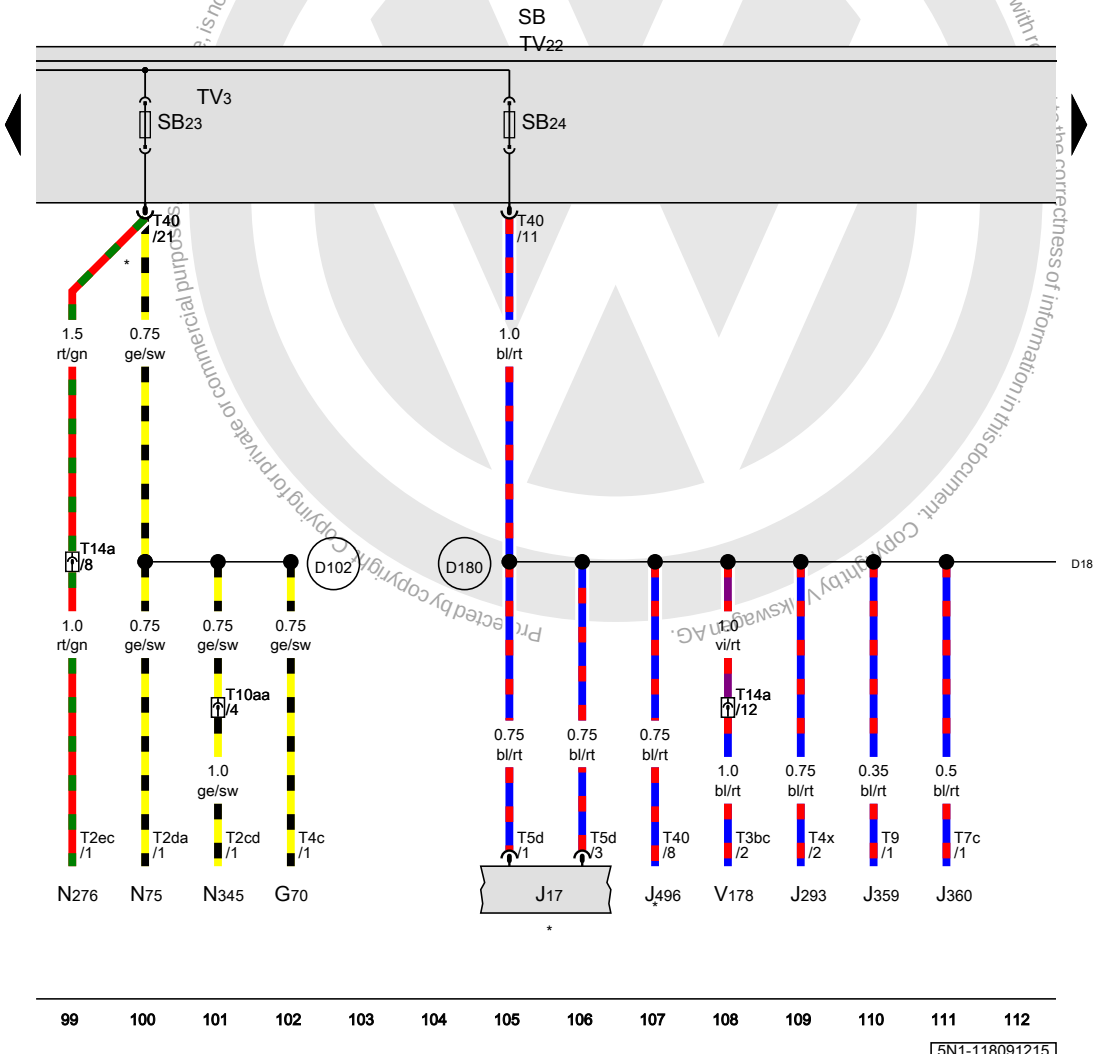
Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

G476	Clutch position sender
J4	Dual tone horn relay
J400	Wiper motor control unit
J538	Fuel pump control unit
R184	Digital sound package amplifier
SB	Fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
T4p	4-pin connector
T5m	5-pin connector
T5n	5-pin connector
T6ac	6-pin connector
T10p	10-pin connector
T38s	38-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
Z19	Lambda probe heater
*	Only models with manual gearbox
*2	see applicable current flow diagram for engine



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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rs	=	pink

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ws = white
sw = black
ro = red
rt = red
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gn = green
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or = orange
rs = pink

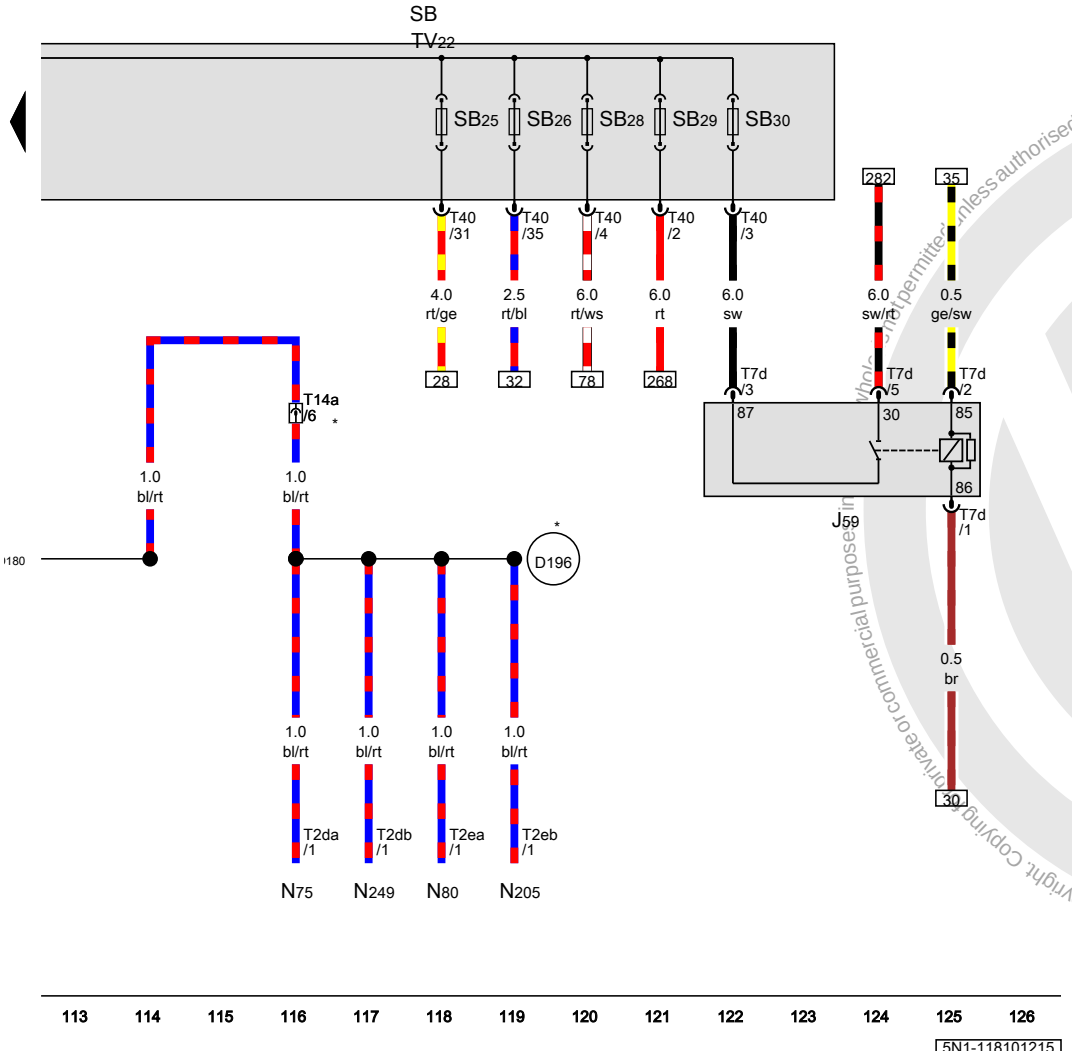
Fuse holder B, Terminal 30a wiring junction, Terminal 30 wiring junction 2

G70	Air mass meter
J17	Fuel pump relay
J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J496	Additional coolant pump relay
N75	Charge pressure control solenoid valve
N276	Fuel pressure regulating valve
N345	Exhaust gas recirculation cooler changeover valve
SB	Fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T2cd	2-pin connector
T2da	2-pin connector
T2ec	2-pin connector
T3bc	3-pin connector
T4c	4-pin connector
T4x	4-pin connector
T5d	5-pin connector
T7c	7-pin connector
TV3	Terminal 30a wiring junction
T9	9-pin connector
T10aa	10-pin connector
T14a	14-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
V178	Coolant circulation pump 2
D102	Connection 2 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	see applicable current flow diagram for engine

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X-contact relief relay, Fuse holder B, Terminal 30 wiring junction 2

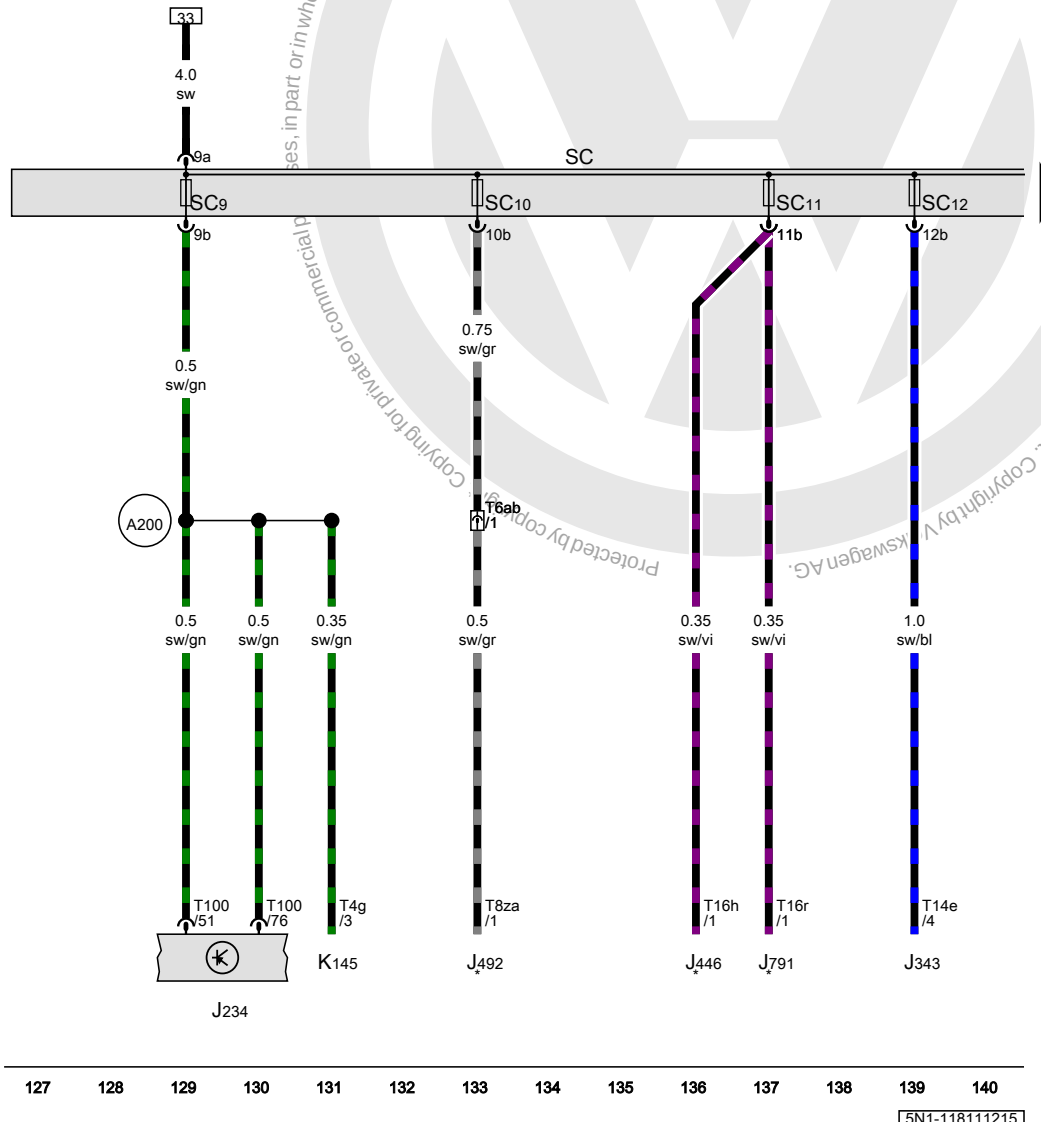
J59	X-contact relief relay
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
SB	Fuse holder B
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB30	Fuse 30 on fuse holder B
T2da	2-pin connector
T2db	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T7d	7-pin connector
T14a	14-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	see applicable current flow diagram for engine



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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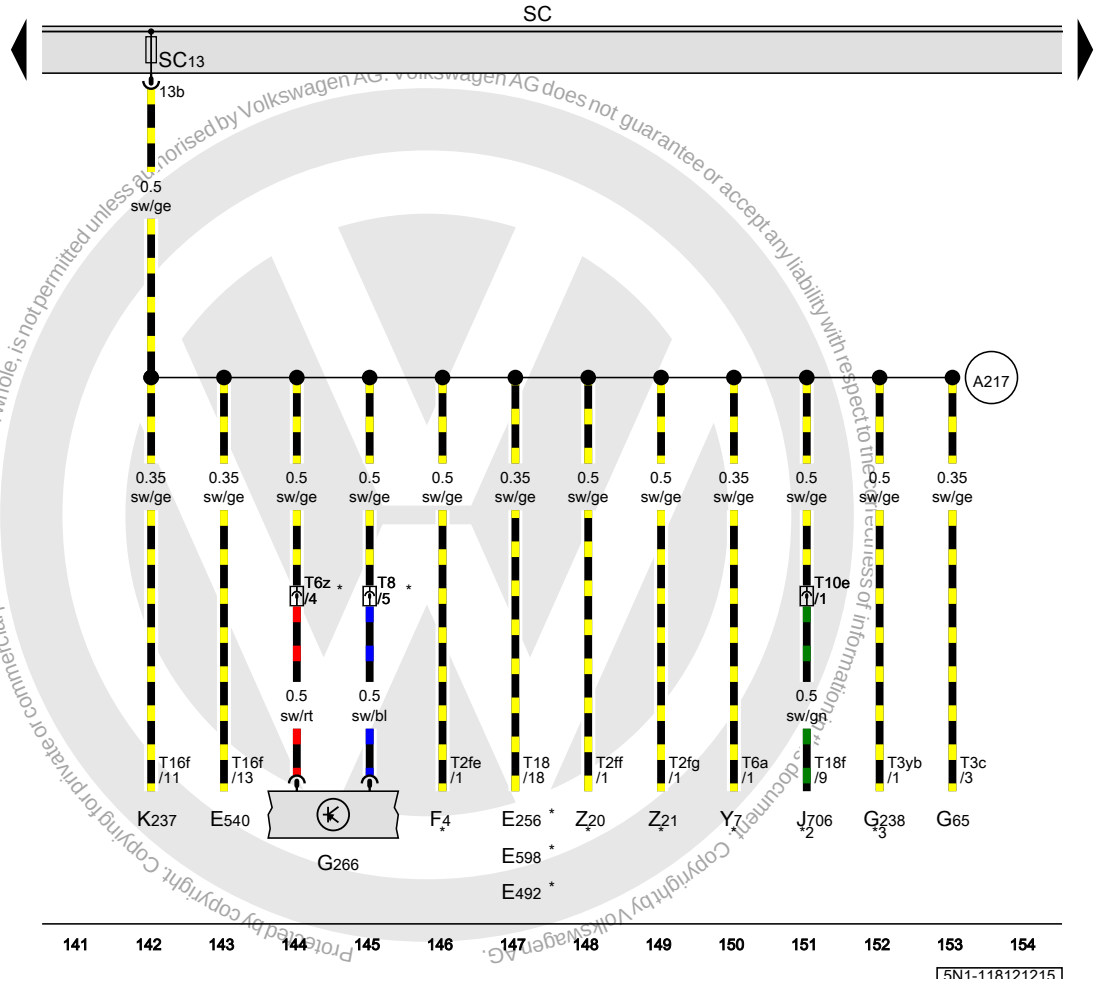
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Fuse holder C

J234	Airbag control unit
J343	Left gas discharge bulb control unit
J446	Parking aid control unit
J492	All-wheel drive control unit
J791	Park assist steering control unit
K145	Front passenger side airbag deactivated warning lamp
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
T4g	4-pin connector
T6ab	6-pin connector
T8za	8-pin connector
T14e	14-pin connector
T16h	16-pin connector
T16r	16-pin connector
T100	100-pin connector
A200	Positive connection 5 (15a) in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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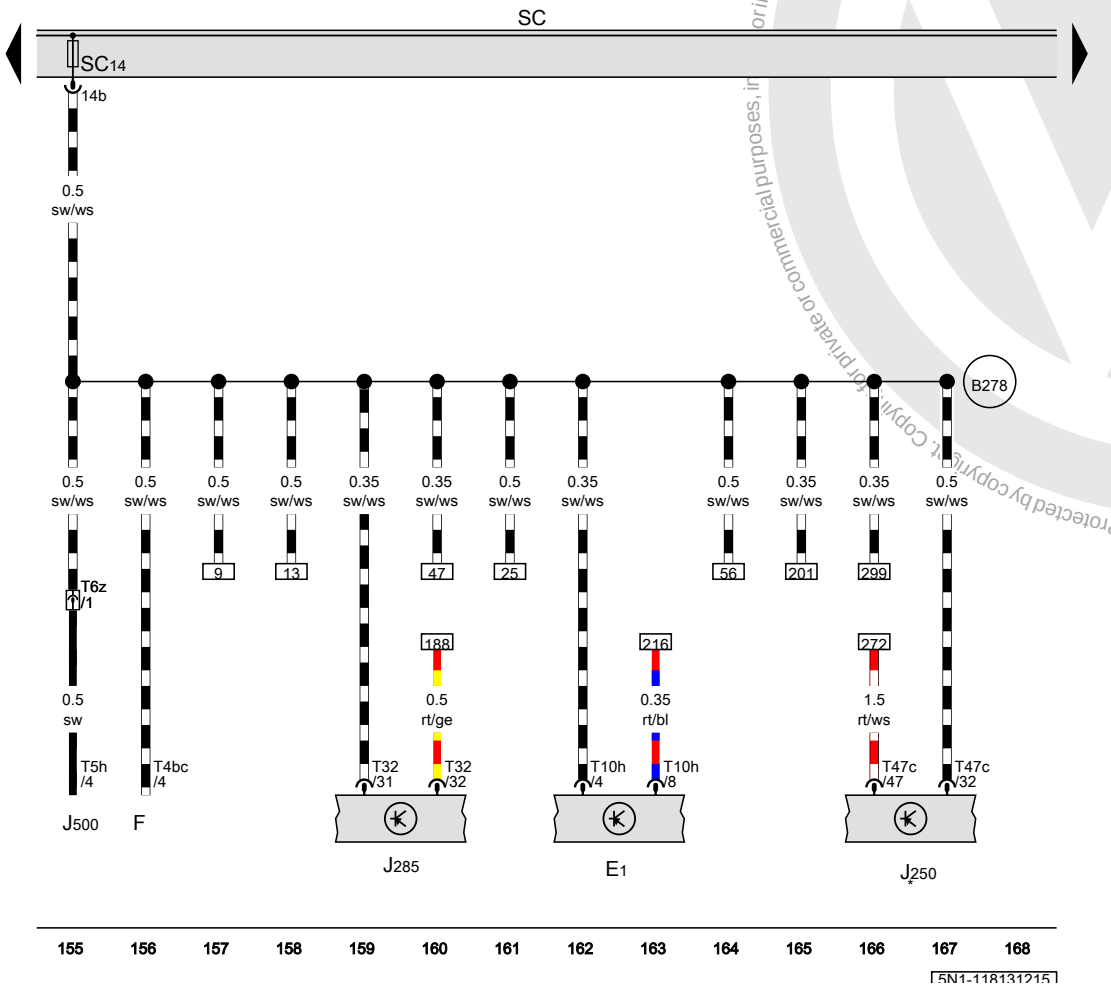
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuse holder C

E256	Button for TCS and electronic stabilisation program
E492	Tyre Pressure Loss Indicator button
E540	Auto-hold button
E598	Driving program button
F4	Reversing light switch
G65	High-pressure sender
G238	Air quality sensor
G266	Oil level and oil temperature sender
J706	Seat occupied recognition control unit
K237	Auto-hold warning lamp
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
T2fe	2-pin connector
T2ff	2-pin connector
T2fg	2-pin connector
T3c	3-pin connector
T3yb	3-pin connector
T6a	6-pin connector
T6z	6-pin connector
T8	8-pin connector
T10e	10-pin connector
T16f	16-pin connector
T18	18-pin connector
T18f	18-pin connector
Y7	Automatic anti-dazzle interior mirror
Z20	Left washer jet heater element
Z21	Right washer jet heater element
A217	Positive connection 8 (15a) in dash panel wiring harness
*	According to equipment
*2	Only for American markets
*3	Only models with Climatronic

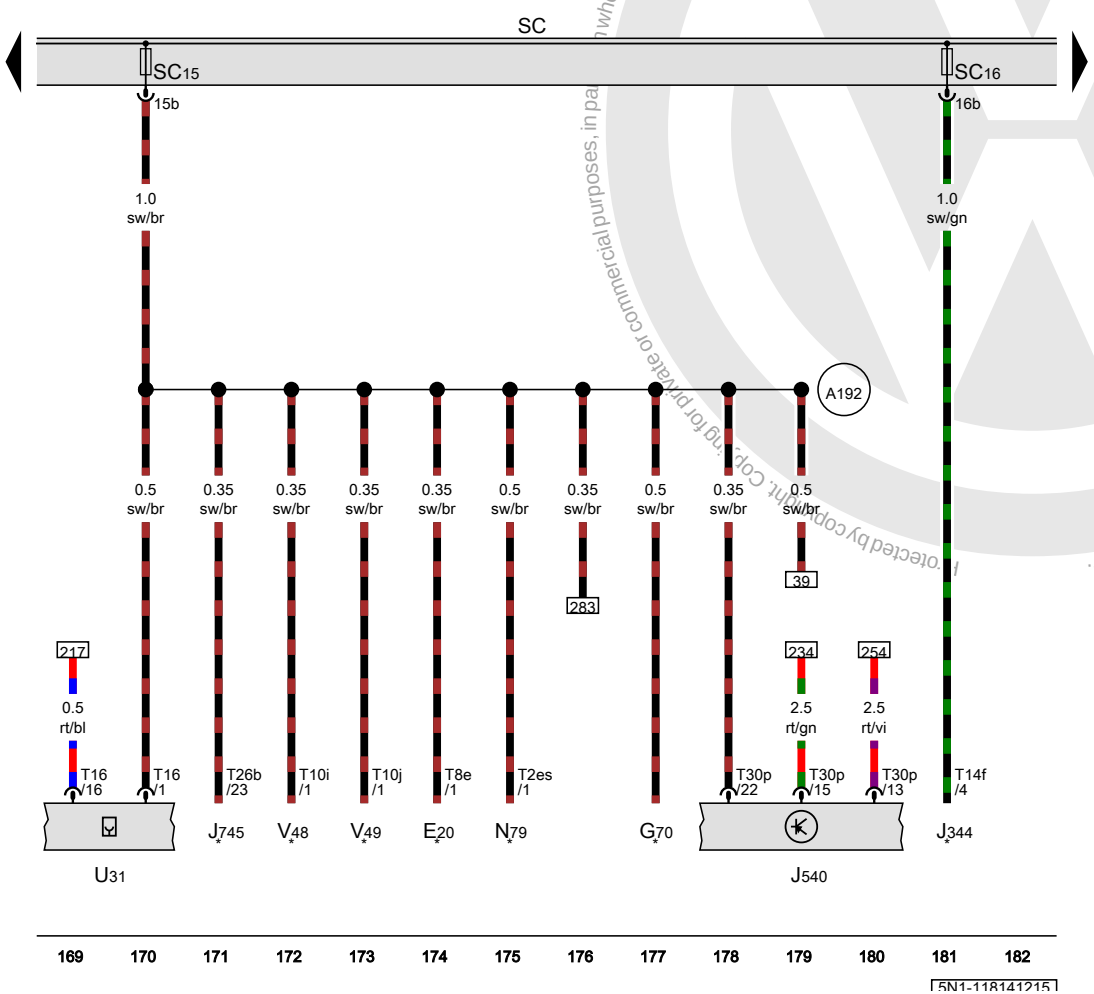
Fuse holder C

E1	Light switch
F	Brake light switch
J250	Electronically controlled damping control unit
J285	Control unit in dash panel insert
J500	Power steering control unit
SC	Fuse holder C
SC14	Fuse 14 on fuse holder C
T4bc	4-pin connector
T5h	5-pin connector
T6z	6-pin connector
T10h	10-pin connector
T32	32-pin connector
T47c	47-pin connector
B278	Positive connection 2 (15a) in main wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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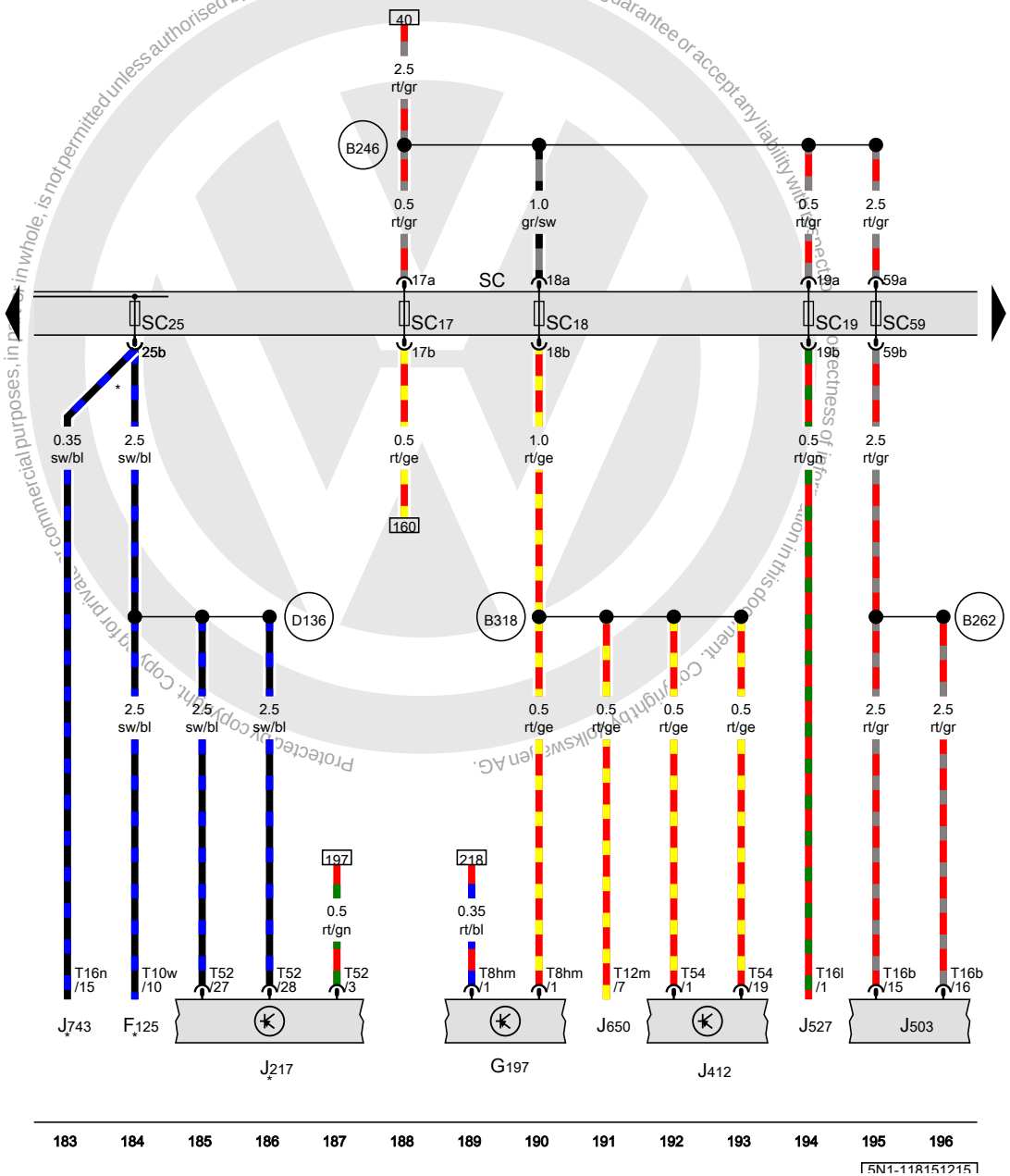
Fuse holder C

E20	Switch and instrument illumination regulator
G70	Air mass meter
J344	Right gas discharge bulb control unit
J540	Control unit for electromechanical parking brake
J745	Control unit for cornering light and headlight range control
N79	Heater element for crankcase breather
SC	Fuse holder C
SC15	Fuse 15 on fuse holder C
SC16	Fuse 16 on fuse holder C
T2es	2-pin connector
T8e	8-pin connector
T10i	10-pin connector
T10j	10-pin connector
T14f	14-pin connector
T16	16-pin connector
T26b	26-pin connector
T30p	30-pin connector
U31	Diagnostic connection
V48	Left headlight range control motor
V49	Right headlight range control motor
A192	Positive connection 3 (15a) in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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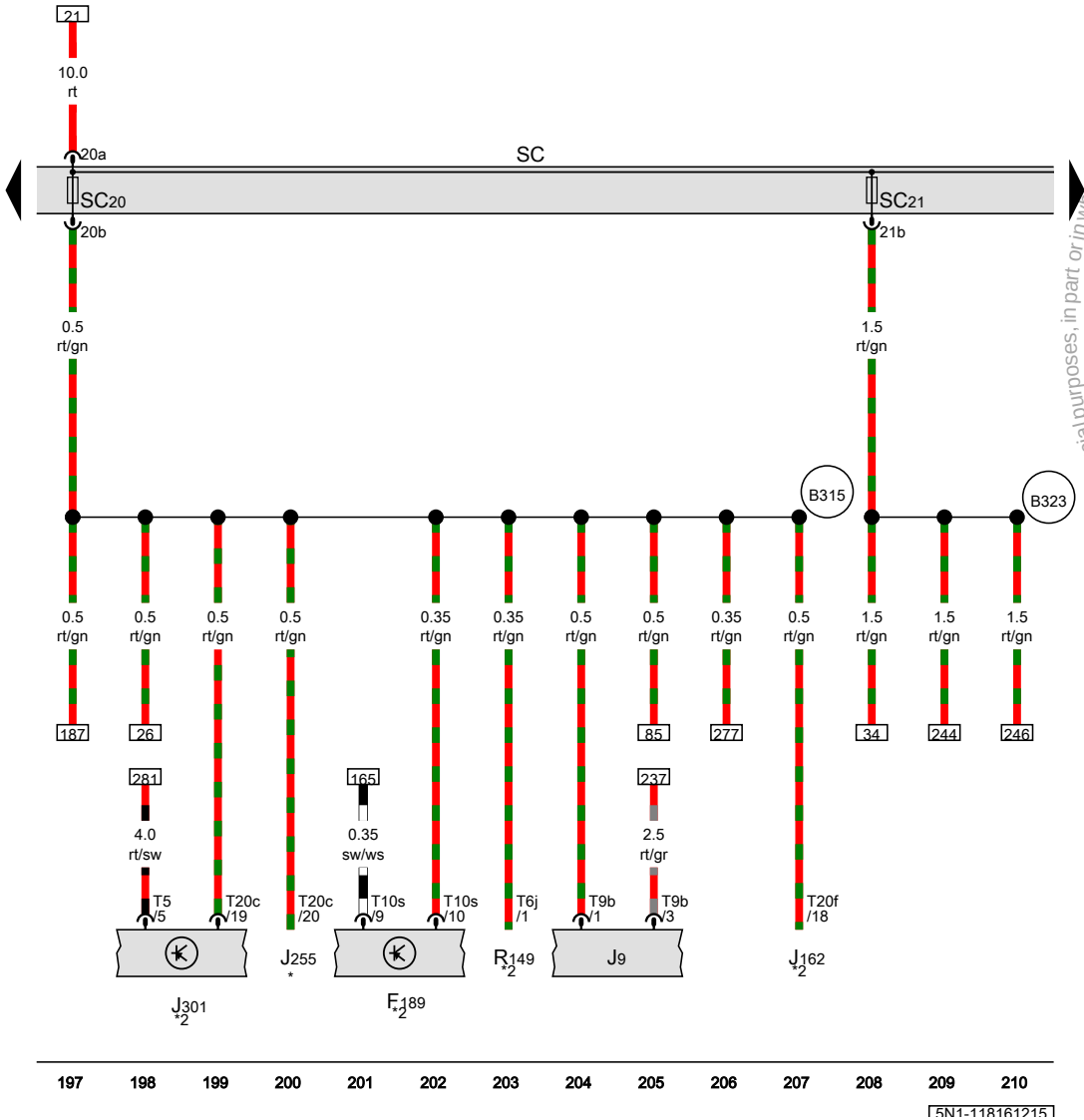
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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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or = orange
rs = pink

Fuse holder C

F125	Multifunction switch
G197	Magnetic field sender for compass
J217	Automatic gearbox control unit
J412	Mobile telephone operating electronics control unit
J503	Control unit with display for radio and navigation
J527	Steering column electronics control unit
J650	Multimedia system control unit
J743	Mechatronic unit for dual clutch gearbox
SC	Fuse holder C
SC17	Fuse 17 on fuse holder C
SC18	Fuse 18 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC25	Fuse 25 on fuse holder C
SC59	Fuse 59 on fuse holder C
T8hm	8-pin connector
T10w	10-pin connector
T12m	12-pin connector
T16b	16-pin connector
T16l	16-pin connector
T16n	16-pin connector
T52	52-pin connector
T54	54-pin connector
B246	Positive connection (30a, stabilised), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
B318	Positive connection 4 (30a) in main wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
*	According to equipment

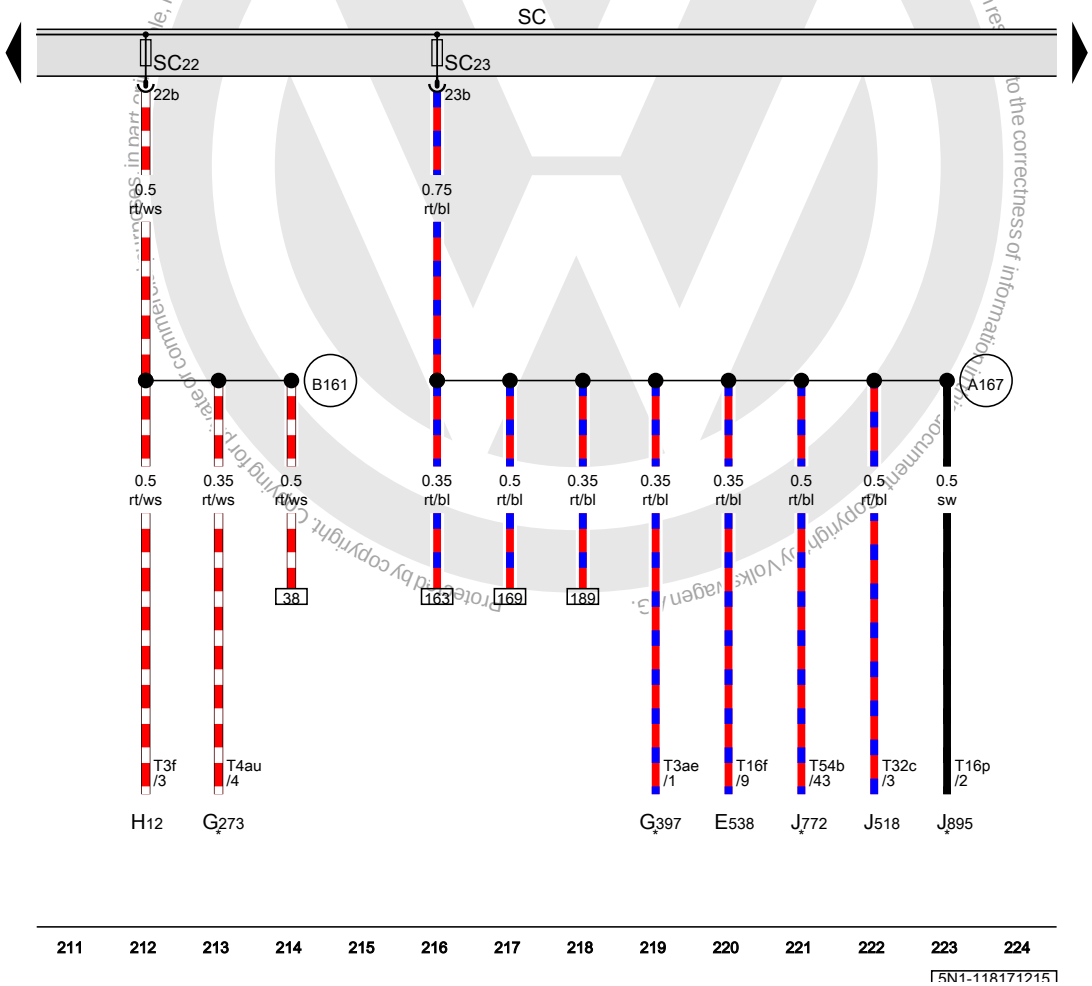


Fuse holder C

F189	Tiptronic switch
J9	Heated rear window relay
J162	Heater control unit
J255	Climatronic control unit
J301	Air conditioning system control unit
R149	Remote control receiver for auxiliary coolant heater
SC	Fuse holder C
SC20	Fuse 20 on fuse holder C
SC21	Fuse 21 on fuse holder C
T5	5-pin connector
T6j	6-pin connector
T9b	9-pin connector
T10s	10-pin connector
T20c	20-pin connector
T20f	20-pin connector
B315	Positive connection 1 (30a) in main wiring harness
B323	Positive connection 9 (30a) in main wiring harness
*	Only models with Climatronic
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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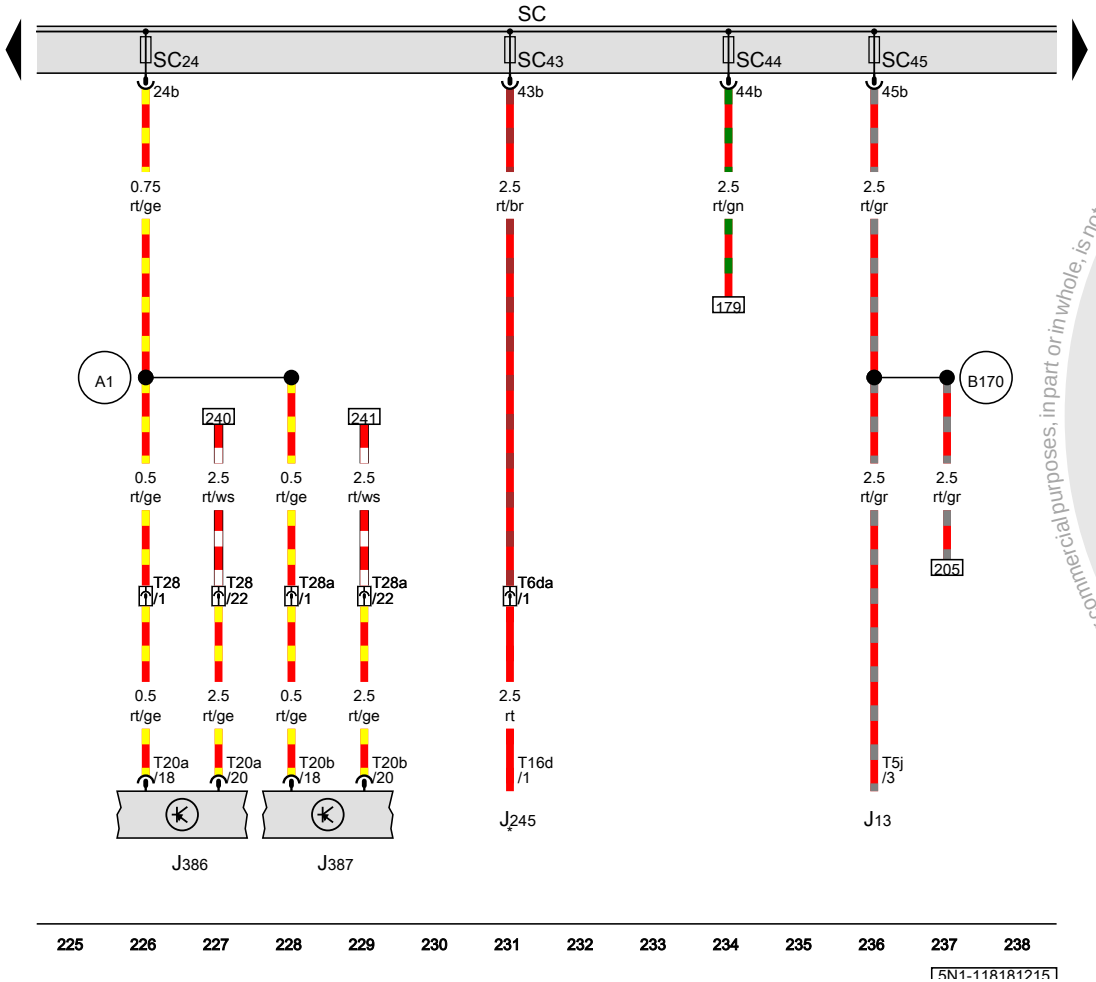


Fuse holder C

E538	Electromechanical parking brake button
G273	Interior monitoring sensor
G397	Rain and light sensor
H12	Alarm horn
J518	Entry and start authorisation control unit
J772	Reversing camera system control unit
J895	Control unit for vehicle location system
SC	Fuse holder C
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
T3ae	3-pin connector
T3f	3-pin connector
T4au	4-pin connector
T16f	16-pin connector
T16p	16-pin connector
T32c	32-pin connector
T54b	54-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
B161	Connection (ATA), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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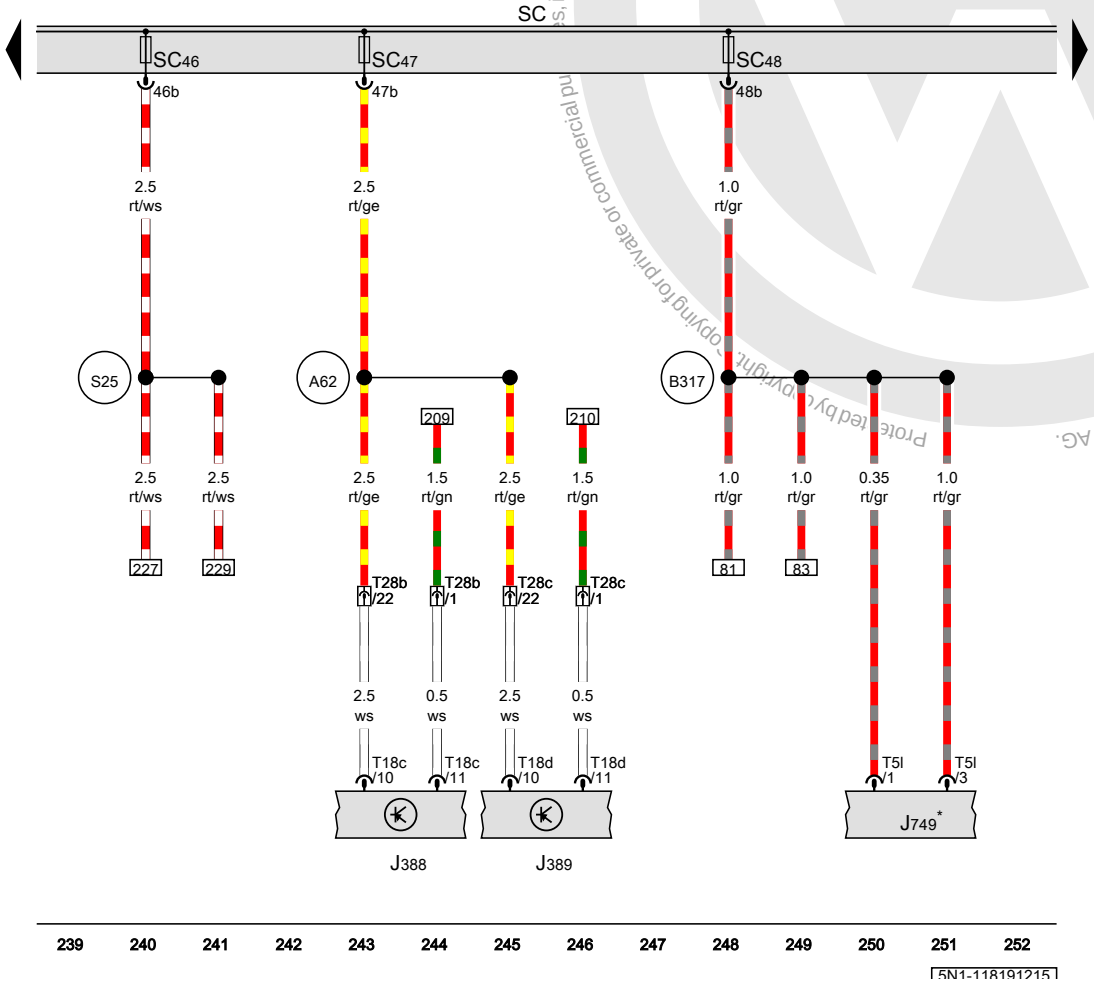
Fuse holder C

J13	Fresh air blower relay
J245	Sliding sunroof adjustment control unit
J386	Driver door control unit
J387	Front passenger door control unit
SC	Fuse holder C
SC24	Fuse 24 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC44	Fuse 44 on fuse holder C
SC45	Fuse 45 on fuse holder C
T5j	5-pin connector
T6da	6-pin connector
T16d	16-pin connector
T20a	20-pin connector
T20b	20-pin connector
T28	28-pin connector
T28a	28-pin connector
A1	Positive connection (30a), in dash panel wiring harness
B170	Positive connection 2 (30), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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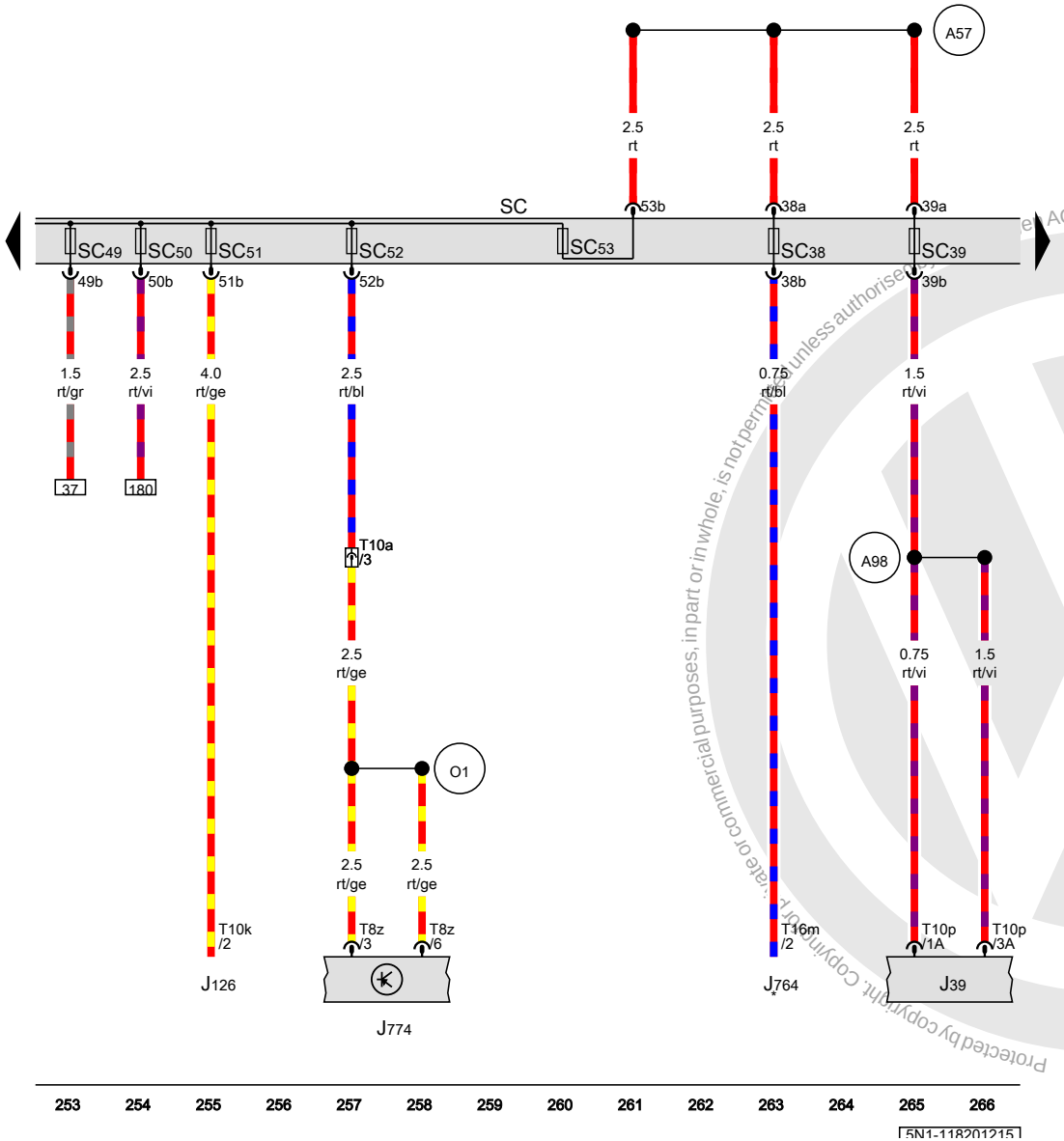
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Fuse holder C

J388	Rear left door control unit
J389	Rear right door control unit
J749	Fuel pump relay for auxiliary heater
SC	Fuse holder C
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
T5l	5-pin connector
T18c	18-pin connector
T18d	18-pin connector
T28b	28-pin connector
T28c	28-pin connector
A62	Connection (window regulators), in dash panel wiring harness
B317	Positive connection 3 (30a) in main wiring harness
S25	Positive connection (30a), in central locking wiring harness
*	Only models with fuel operated auxiliary heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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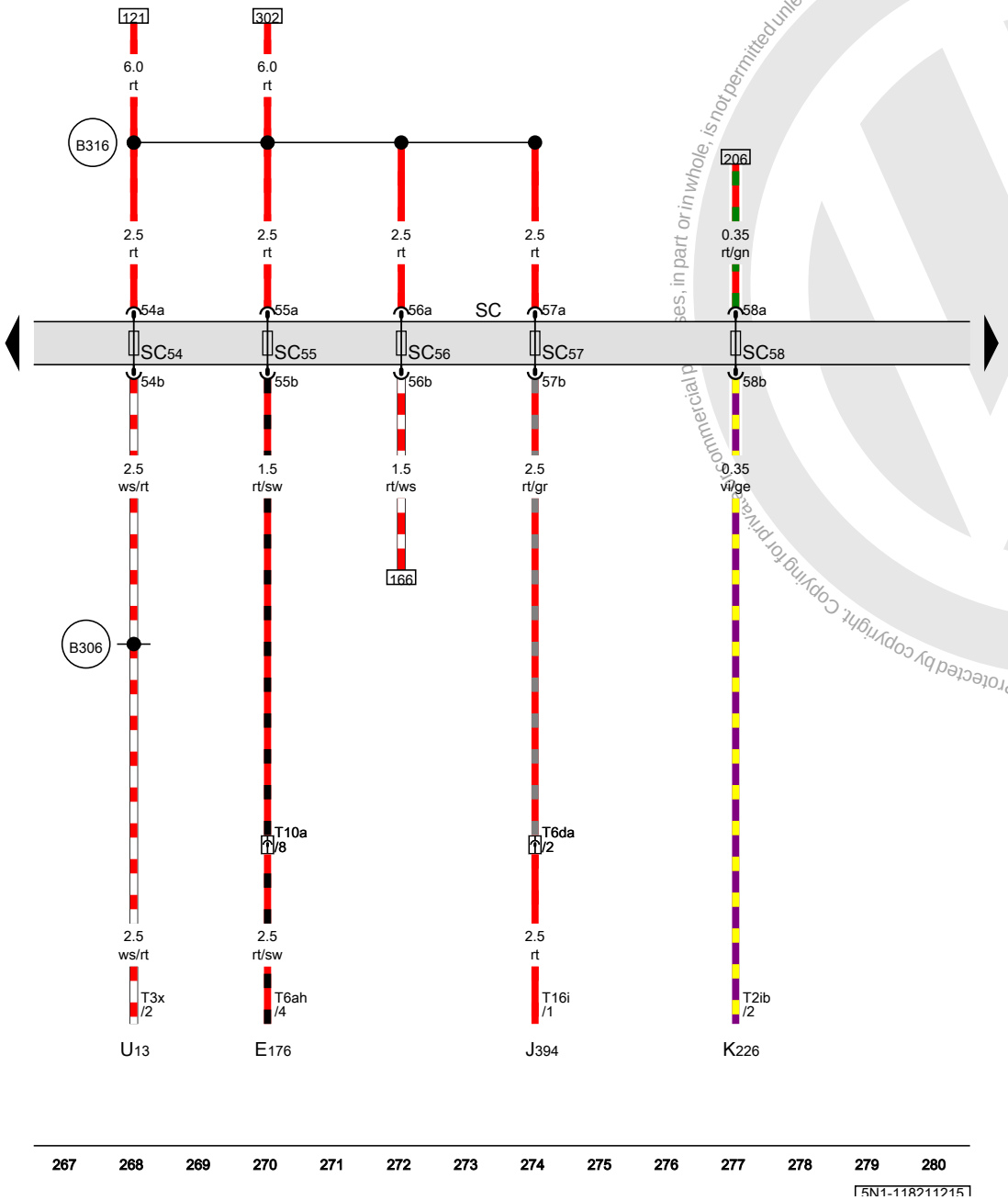


Fuse holder C

J39	Headlight washer system relay
J126	Fresh air blower control unit
J764	Control unit for electronic steering column lock
J774	Heated front seats control unit
SC	Fuse holder C
SC38	Fuse 38 on fuse holder C
SC39	Fuse 39 on fuse holder C
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
SC52	Fuse 52 on fuse holder C
SC53	Fuse 53 on fuse holder C
T8z	8-pin connector
T10a	10-pin connector
T10k	10-pin connector
T10p	10-pin connector
T16m	16-pin connector
A57	Positive connection 3 (30), in dash panel wiring harness
A98	Positive connection 4 (30), in dash panel wiring harness
O1	Positive connection (30), in seat heating wiring harness
*	Only models with entry and start authorisation

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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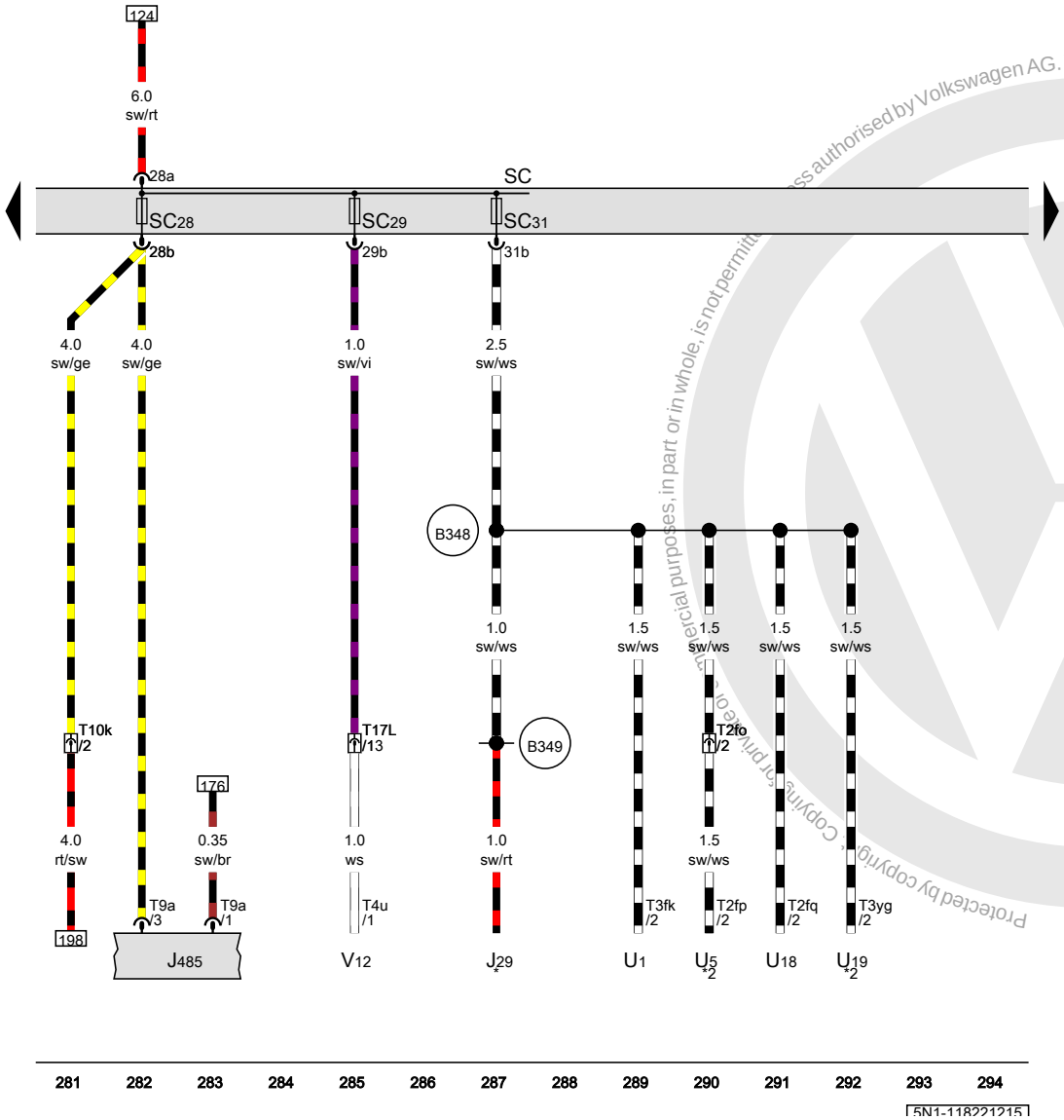


Fuse holder C

E176	Driver seat lumbar support adjustment switch
J394	Sunroof roller blind control unit
K226	Towing bracket locked warning lamp
SC	Fuse holder C
SC54	Fuse 54 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC56	Fuse 56 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC58	Fuse 58 on fuse holder C
T2ib	2-pin connector
T3x	3-pin connector
T6ah	6-pin connector
T6da	6-pin connector
T10a	10-pin connector
T16i	16-pin connector
U13	DC/AC converter with socket, 12 V - 230 V
B306	Positive connection 10 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Fuse holder C

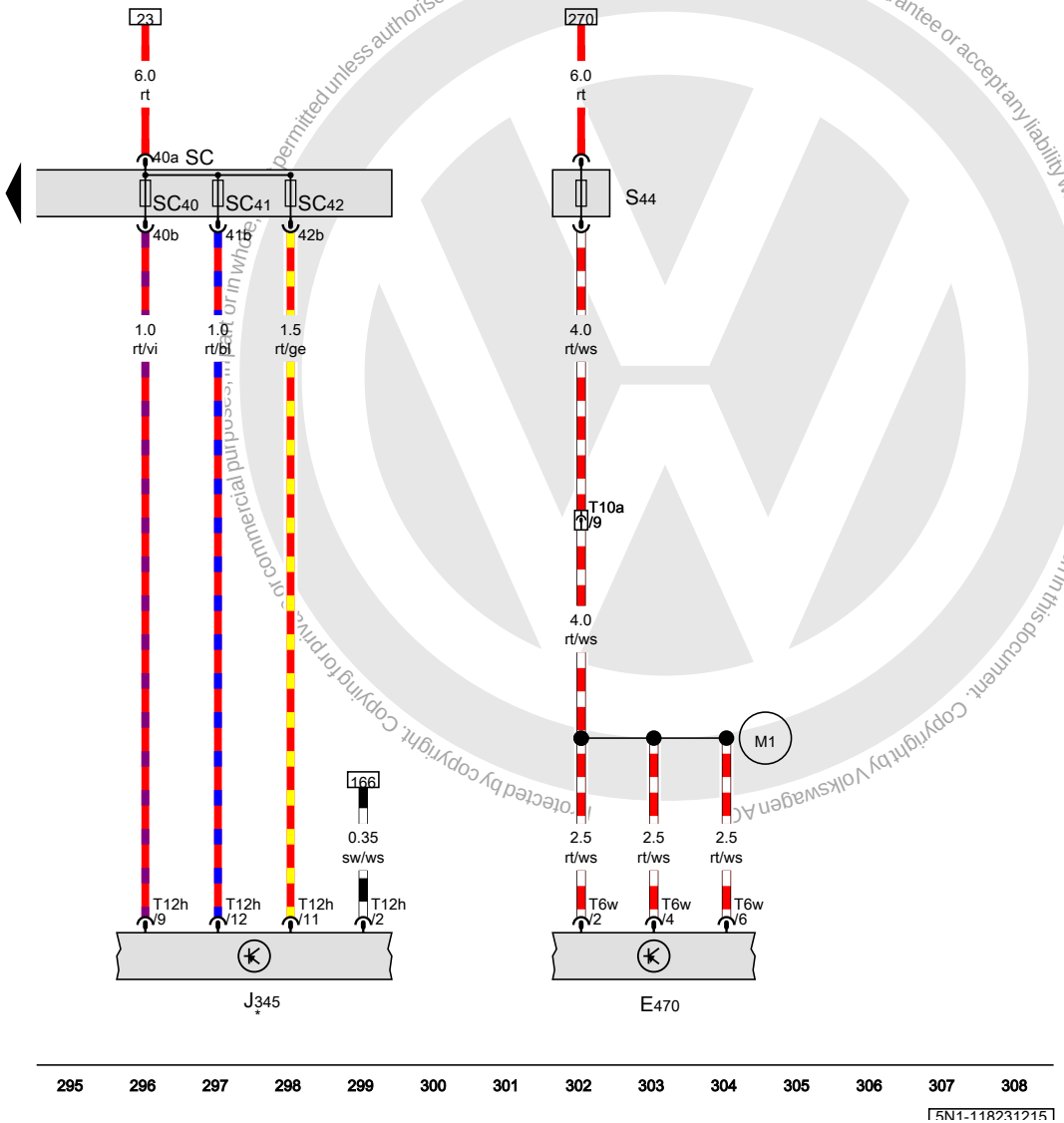
J29	Blocking diode
J485	Auxiliary heater operation relay
SC	Fuse holder C
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC31	Fuse 31 on fuse holder C
T2fo	2-pin connector
T2fp	2-pin connector
T2fq	2-pin connector
T3fk	3-pin connector
T3yg	3-pin connector
T4u	4-pin connector
T9a	9-pin connector
T10k	10-pin connector
T17L	17-pin connector
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
U19	12 V socket 3
V12	Rear window wiper motor
B348	Connection 1 (75a), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
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Driver seat adjustment thermal fuse 1, Fuse holder C

E470	Driver seat adjustment operating unit
J345	Trailer detector control unit
S44	Driver seat adjustment thermal fuse 1
SC	Fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
T6w	6-pin connector
T10a	10-pin connector
T12h	12-pin connector
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

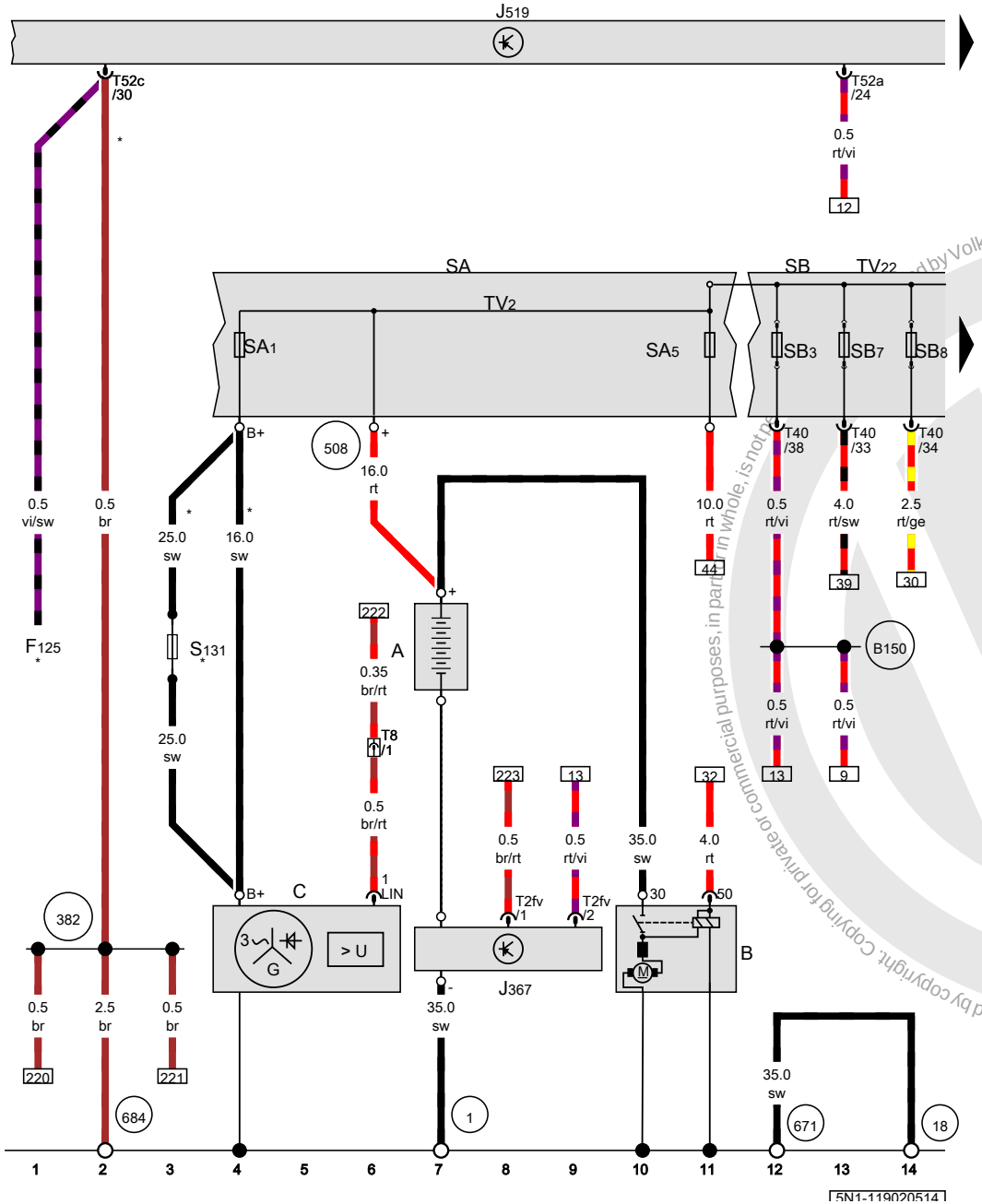
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2.0l diesel engine with start/stop system , CFFB,CFFD

From May 2010

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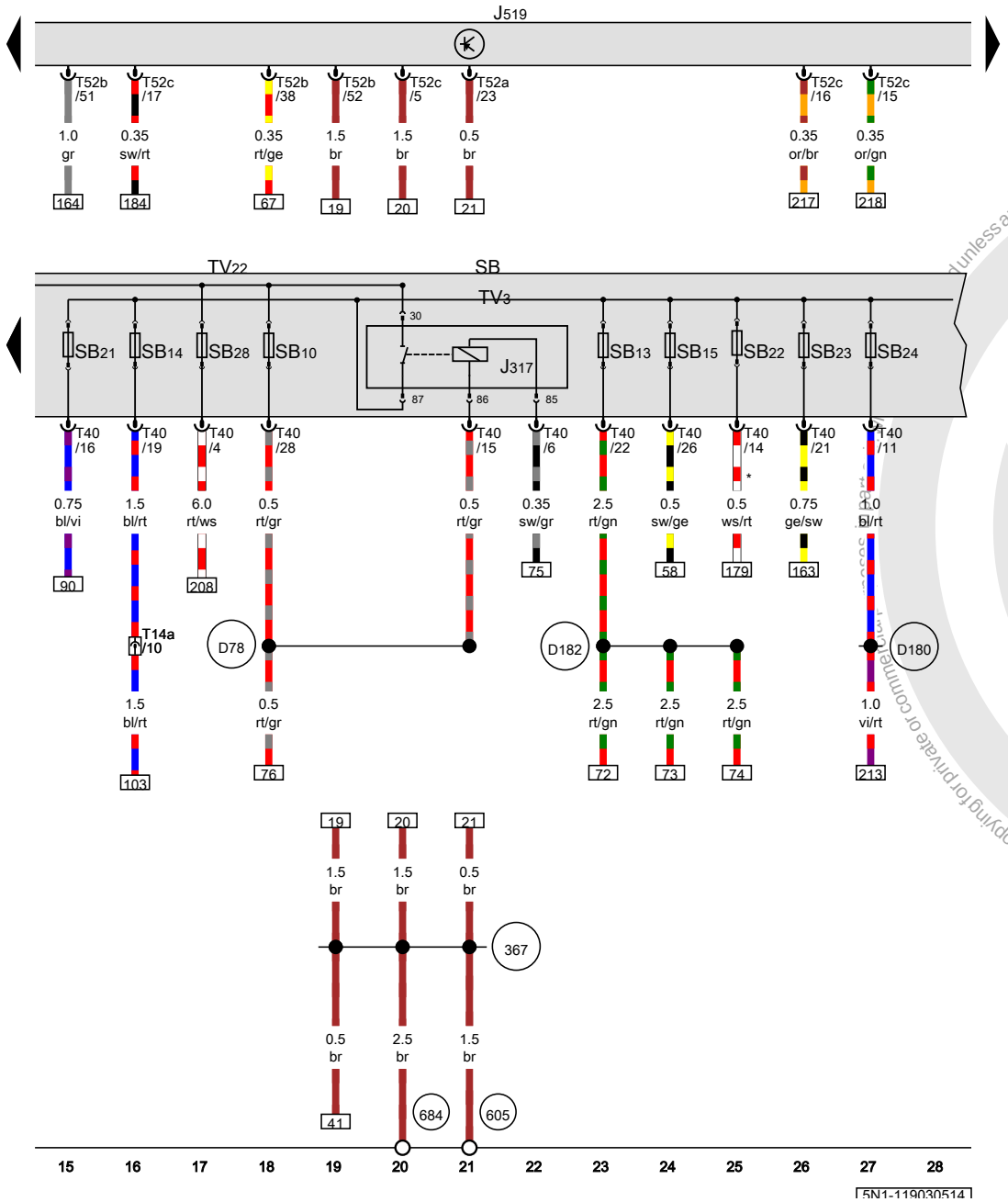
Battery, Starter, Alternator, Battery monitor control unit, Onboard supply control unit



A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J367	Battery monitor control unit
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
S131	Fuse 1, in alternator wire
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T2fv	2-pin connector
T8	8-pin connector
T40	40-pin connector
T52a	52-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
B150	Positive connection 2 (30a), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

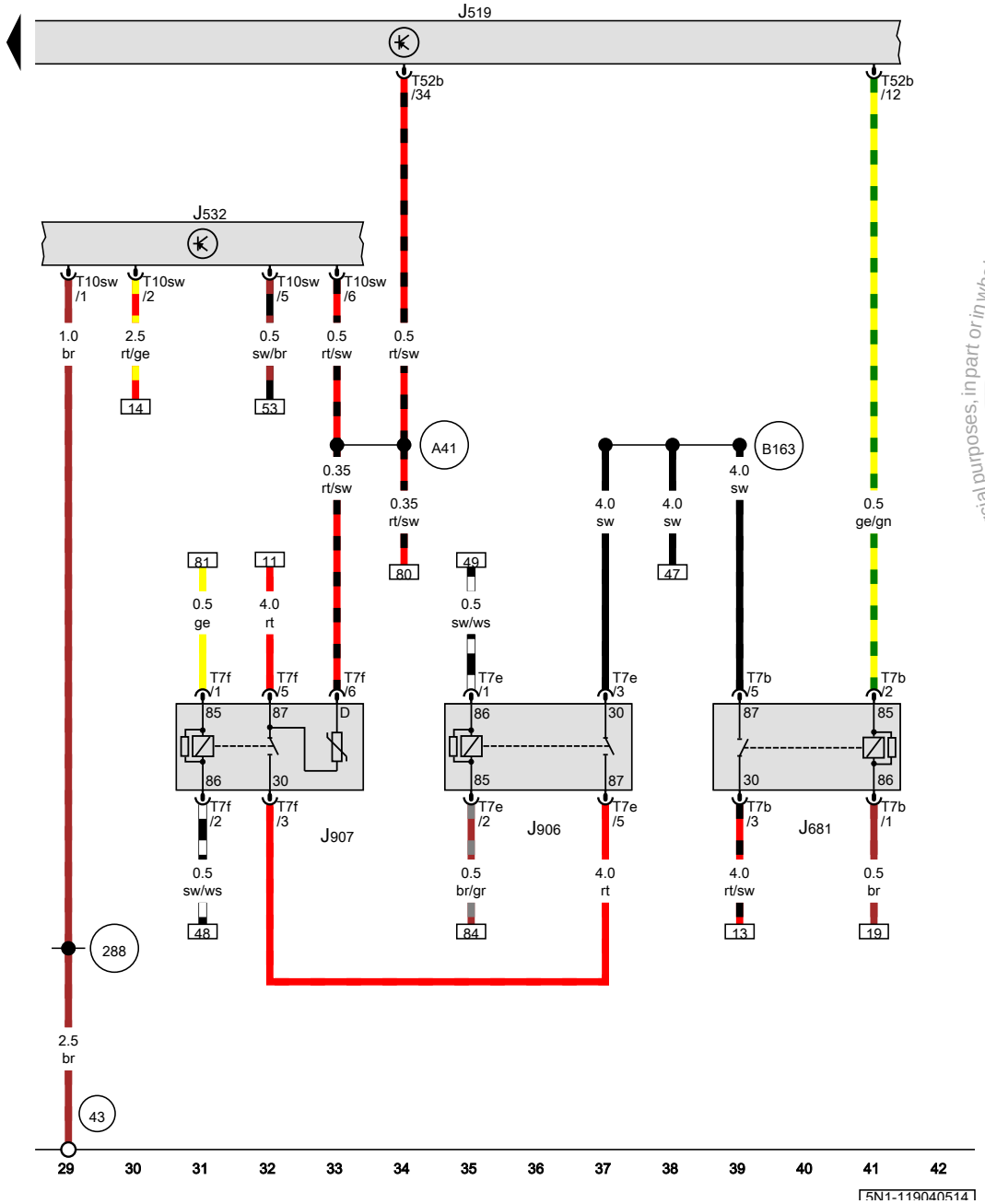
Terminal 30 voltage supply relay, Onboard supply control unit

J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
SB28	Fuse 28 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
D78	Positive connection 1 (30a), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	Only models with manual gearbox

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Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2

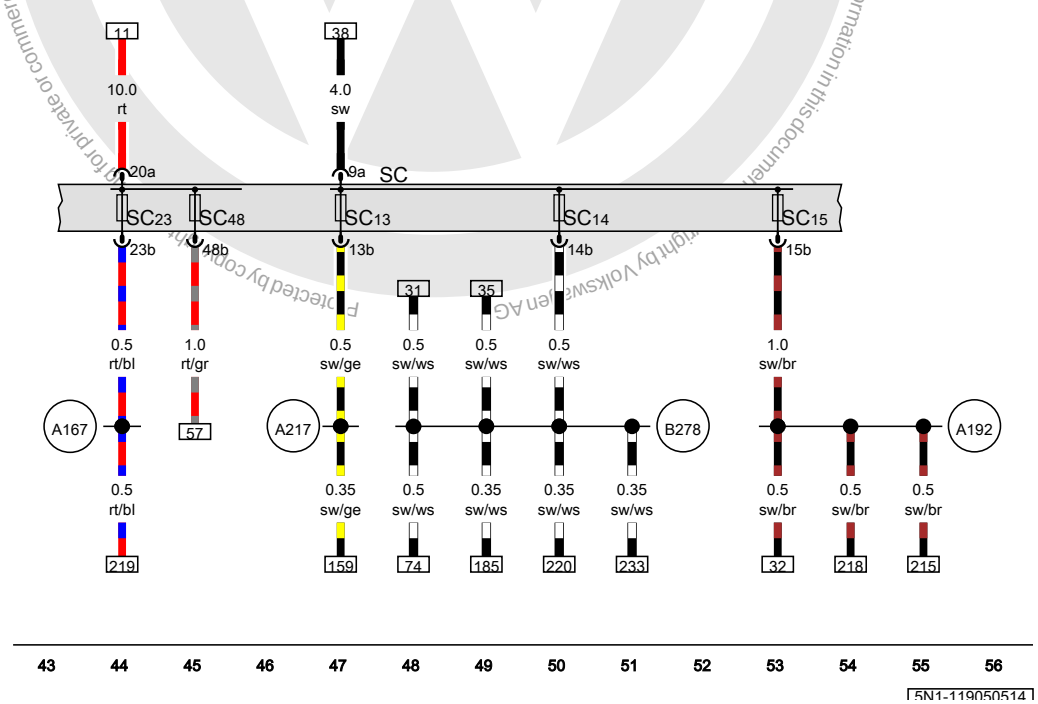
J519	Onboard supply control unit
J532	Voltage stabiliser
J681	Terminal 15 voltage supply relay 2
J906	Starter relay 1
J907	Starter relay 2
T7b	7-pin connector
T7e	7-pin connector
T7f	7-pin connector
T10sw	10-pin connector
T52b	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
A41	Positive connection (50), in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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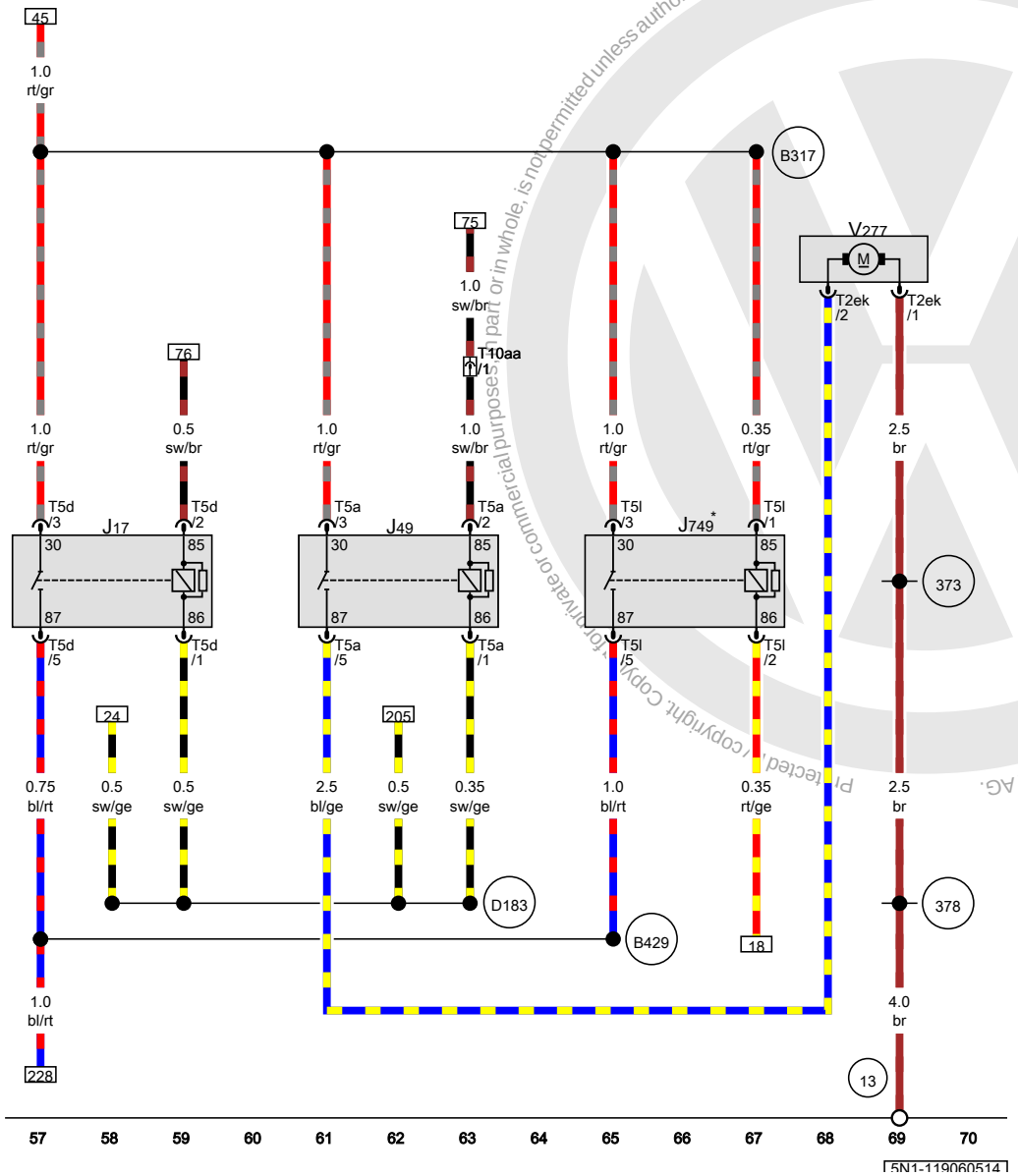
Fuse holder C

SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC48	Fuse 48 on fuse holder C
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Fuel pump relay, Electric fuel pump 2 relay, Fuel pump relay for auxiliary heater, Fuel pump 2

J17	Fuel pump relay
J49	Electric fuel pump 2 relay
J749	Fuel pump relay for auxiliary heater
T2ek	2-pin connector
T5a	5-pin connector
T5d	5-pin connector
T5l	5-pin connector
T10aa	10-pin connector
V277	Fuel pump 2
13	Earth point, on right in engine compartment
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B429	Connection (EFPR), in main wiring harness
D183	Connection 4 (87a) in engine compartment wiring harness
*	Only models with auxiliary coolant heater

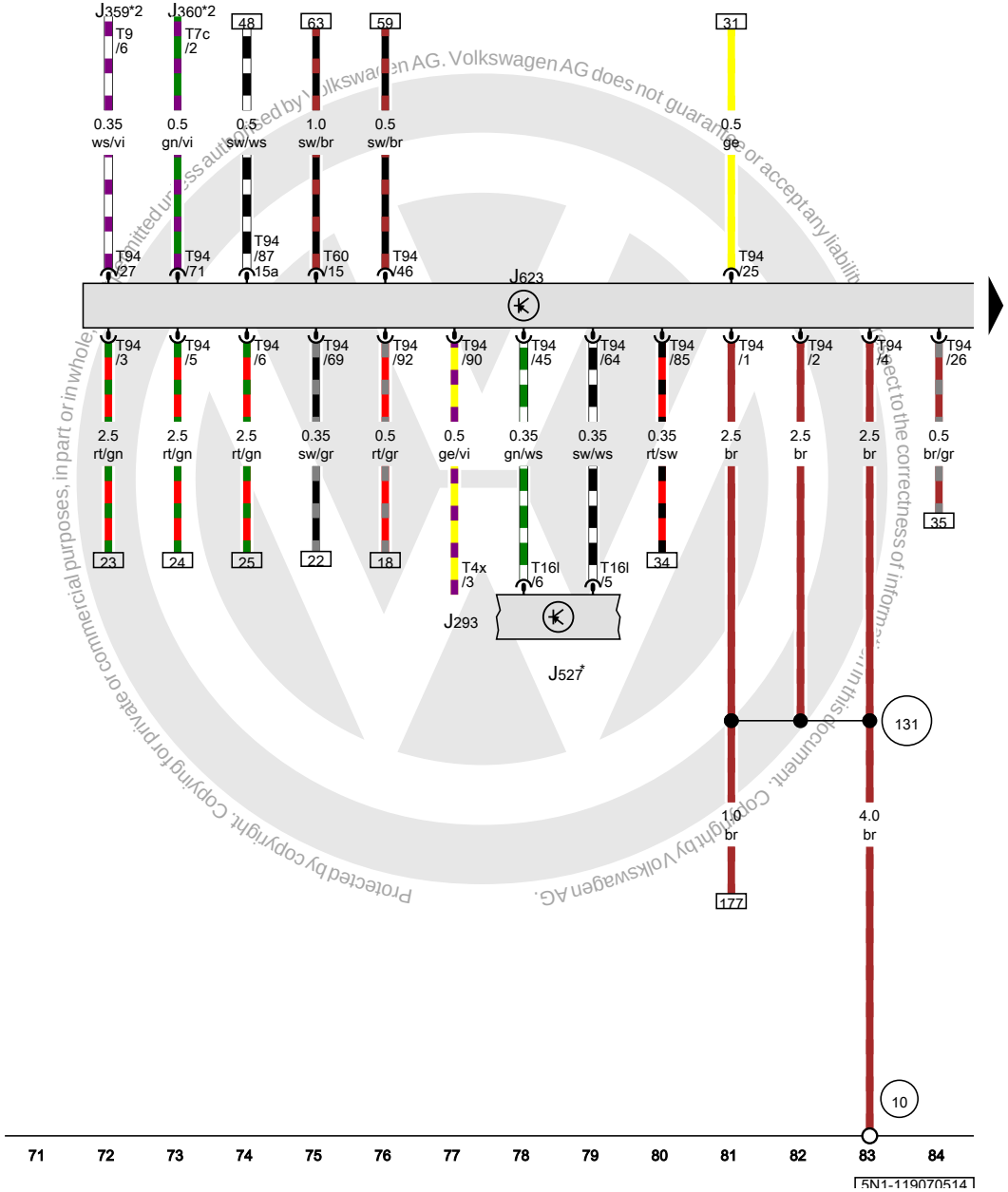


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Steering column electronics control unit, Engine control unit

J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J527	Steering column electronics control unit
J623	Engine control unit
T4x	4-pin connector
T7c	7-pin connector
T9	9-pin connector
T16l	16-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)
*2	According to equipment

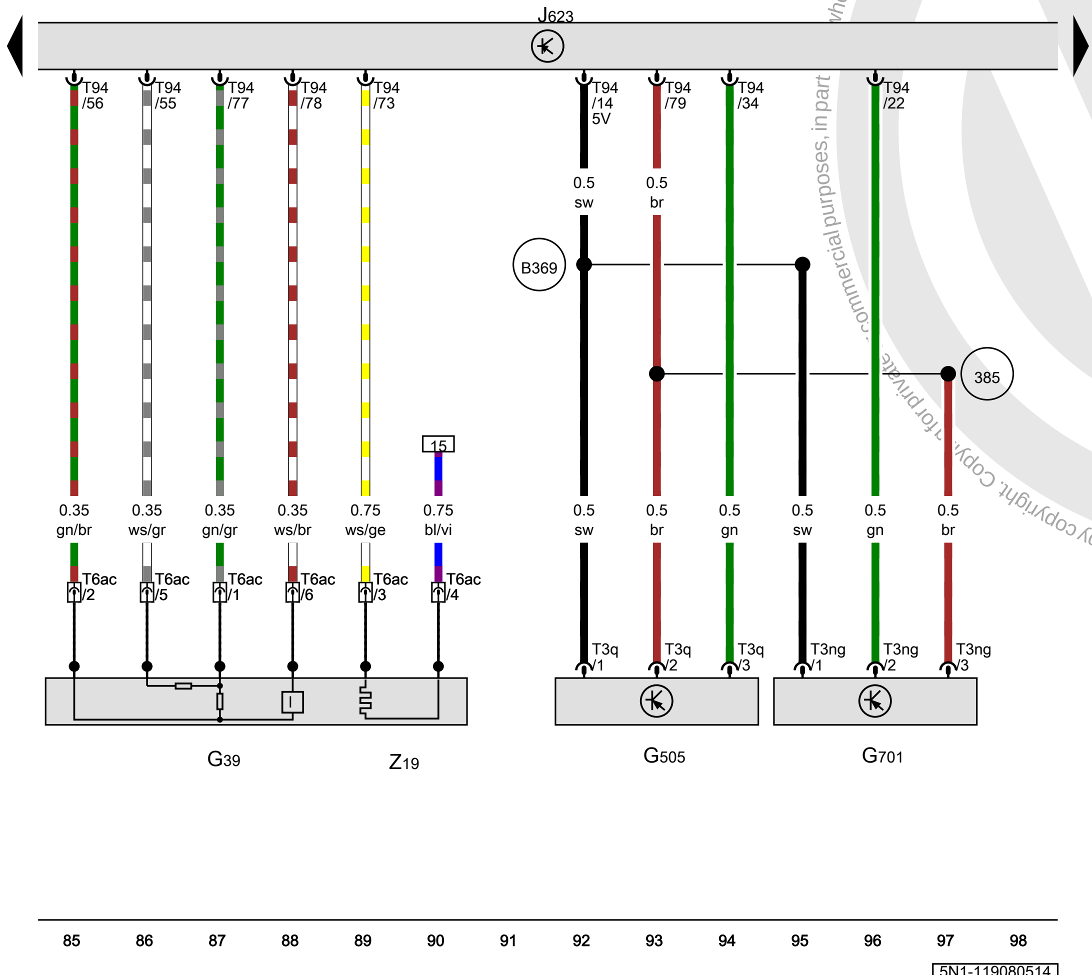


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Lambda probe, Pressure differential sender, Gearbox neutral position sender, Engine control unit

G39	Lambda probe
G505	Pressure differential sender
G701	Gearbox neutral position sender
J623	Engine control unit
T3ng	3-pin connector
T3q	3-pin connector
T6ac	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater
385	Earth connection 20, in main wiring harness
B369	Connection 1 (5V), in main wiring harness

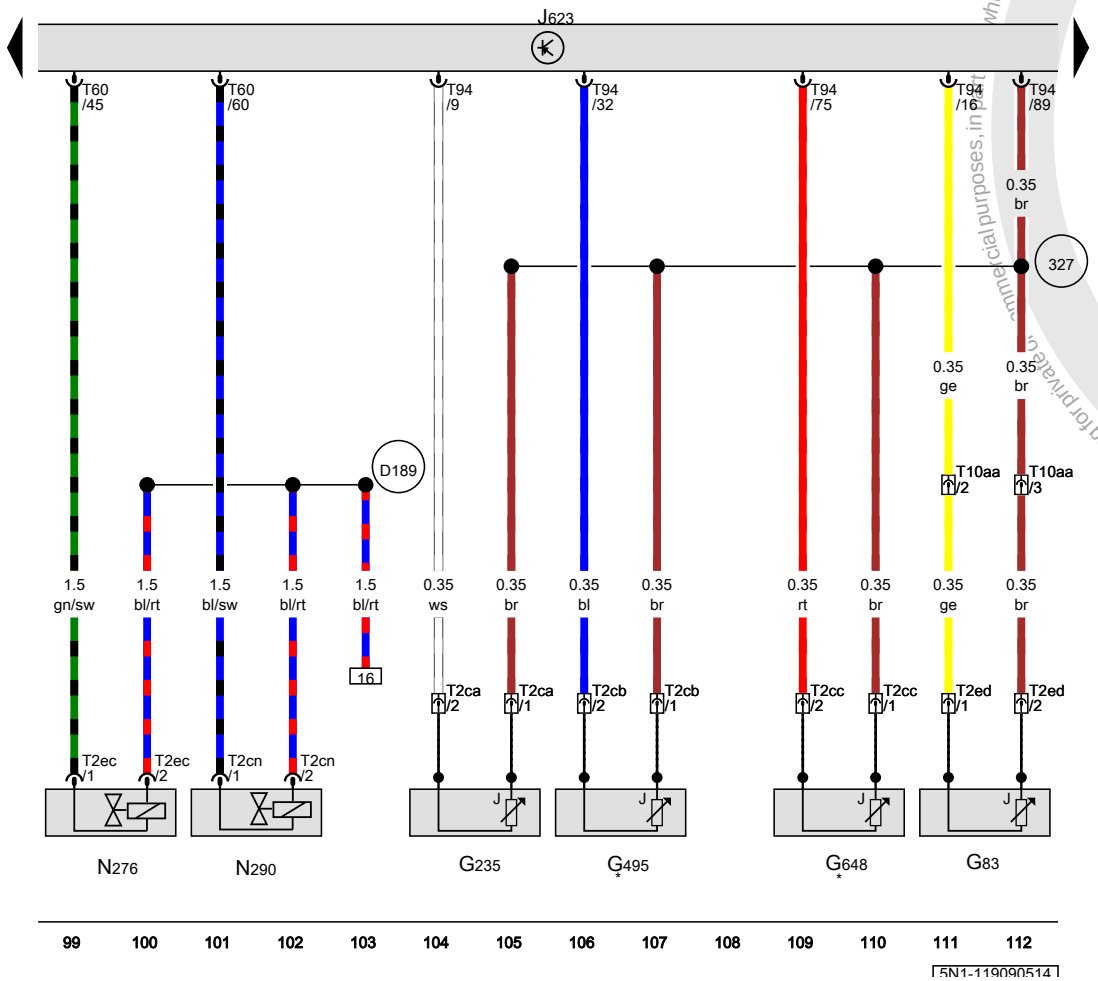


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Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit, Fuel pressure regulating valve, Fuel metering valve

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2ca	2-pin connector
T2cb	2-pin connector
T2cc	2-pin connector
T2cn	2-pin connector
T2ec	2-pin connector
T2ed	2-pin connector
T10aa	10-pin connector
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness
*	According to equipment

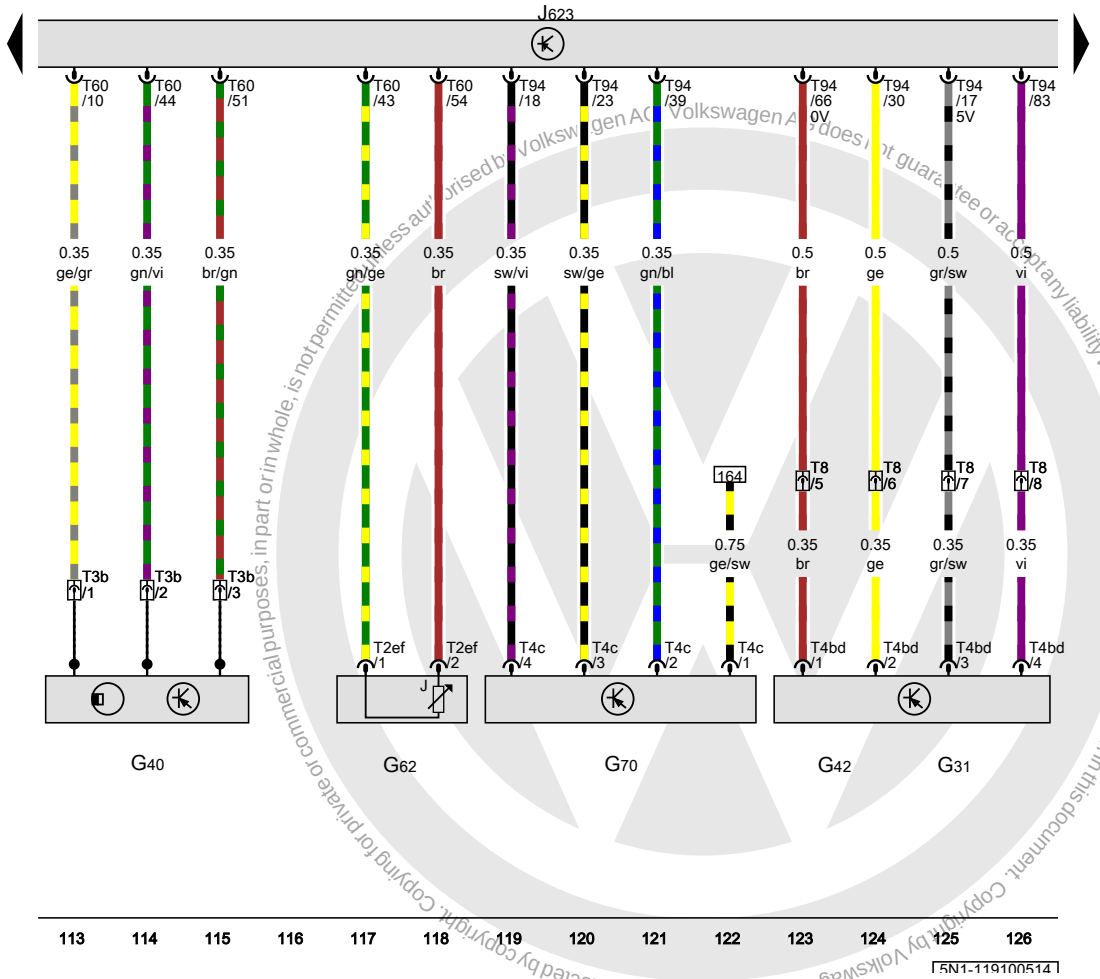


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Charge pressure sender, Hall sender, Intake air temperature sender, Coolant temperature sender, Air mass meter, Engine control unit

G31	Charge pressure sender
G40	Hall sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G70	Air mass meter
J623	Engine control unit
T2ef	2-pin connector
T3b	3-pin connector
T4bd	4-pin connector
T4c	4-pin connector
T8	8-pin connector
T60	60-pin connector
T94	94-pin connector

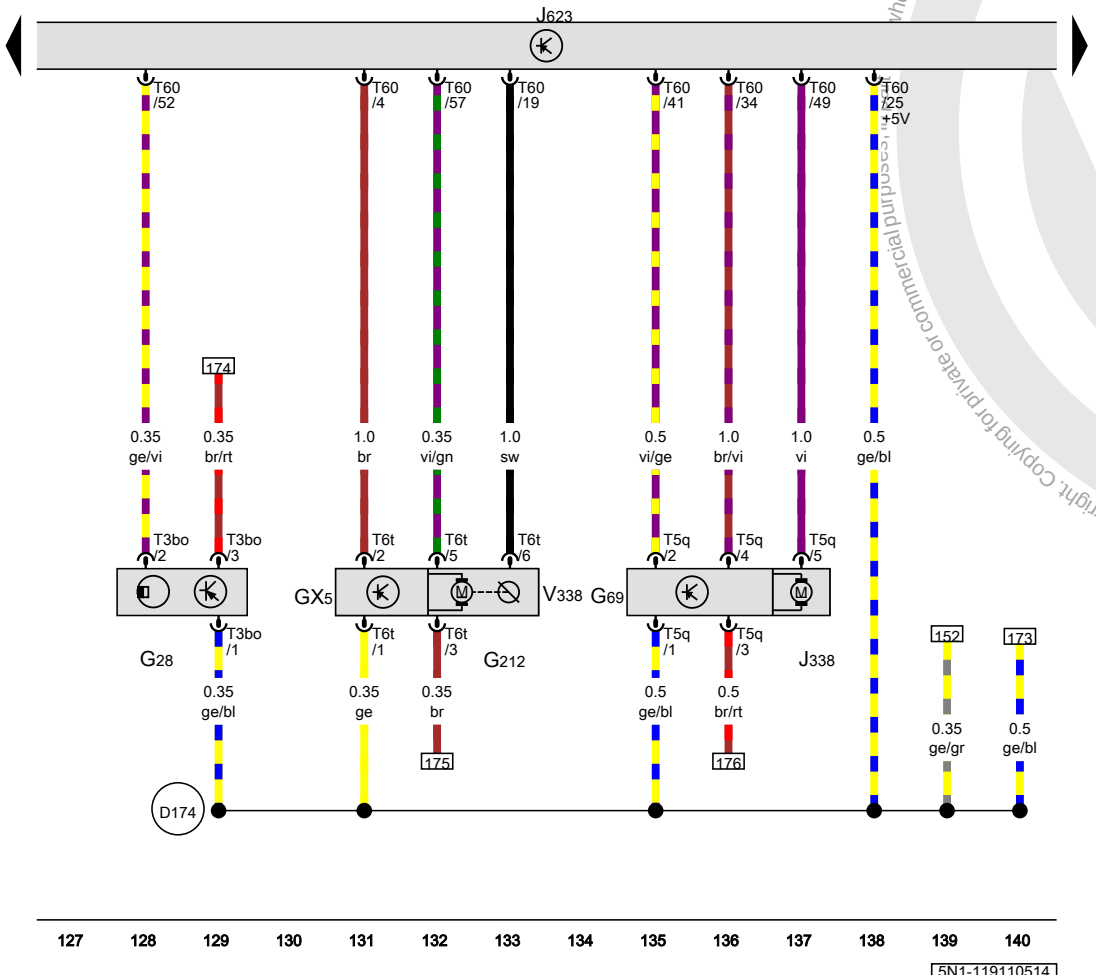


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Exhaust gas recirculation valve 1, Engine speed sender, Throttle valve potentiometer, Exhaust gas recirculation potentiometer, Engine control unit, Exhaust gas recirculation control motor

GX5	Exhaust gas recirculation valve 1
G28	Engine speed sender
G69	Throttle valve potentiometer
G212	Exhaust gas recirculation potentiometer
J338	Throttle valve module
J623	Engine control unit
T3bo	3-pin connector
T5q	5-pin connector
T6t	6-pin connector
T60	60-pin connector
V338	Exhaust gas recirculation control motor
D174	Connection 2 (5V) in engine prewiring harness

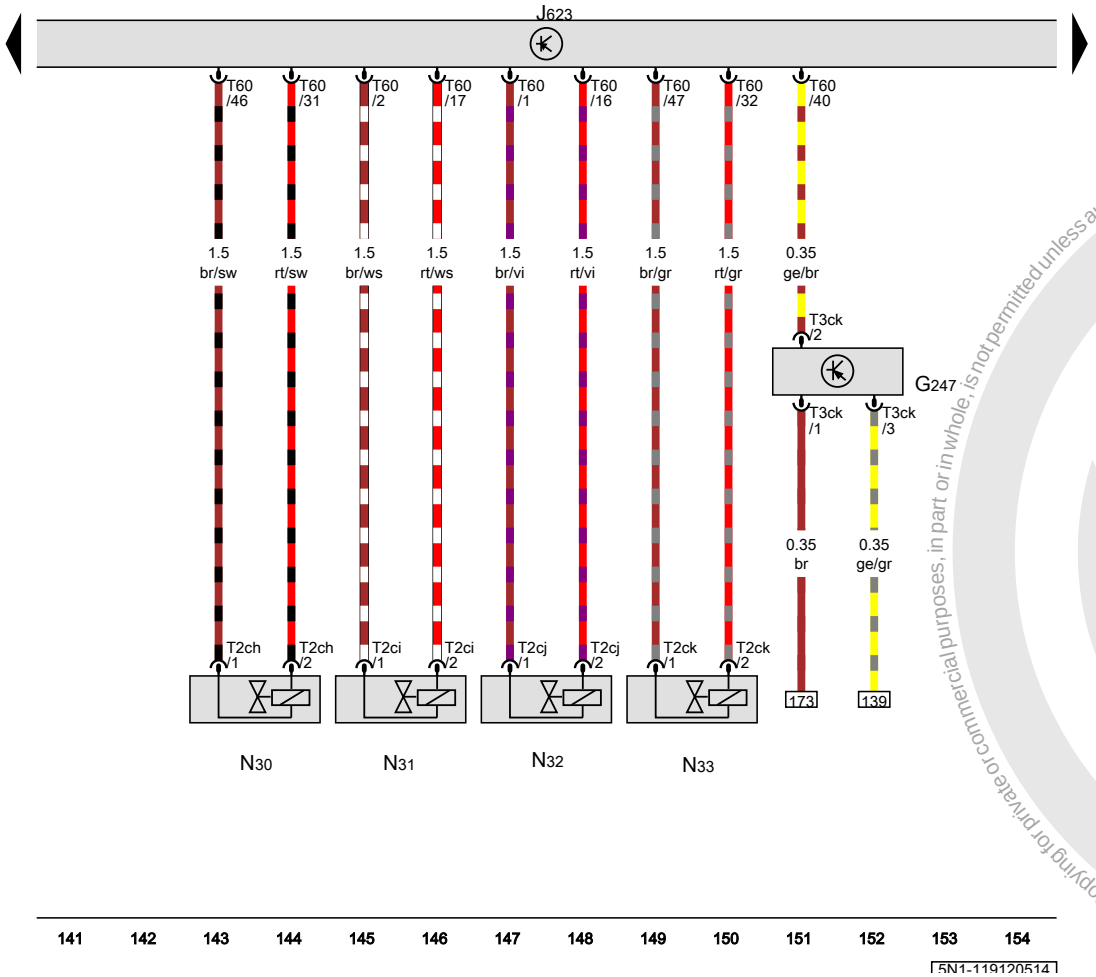


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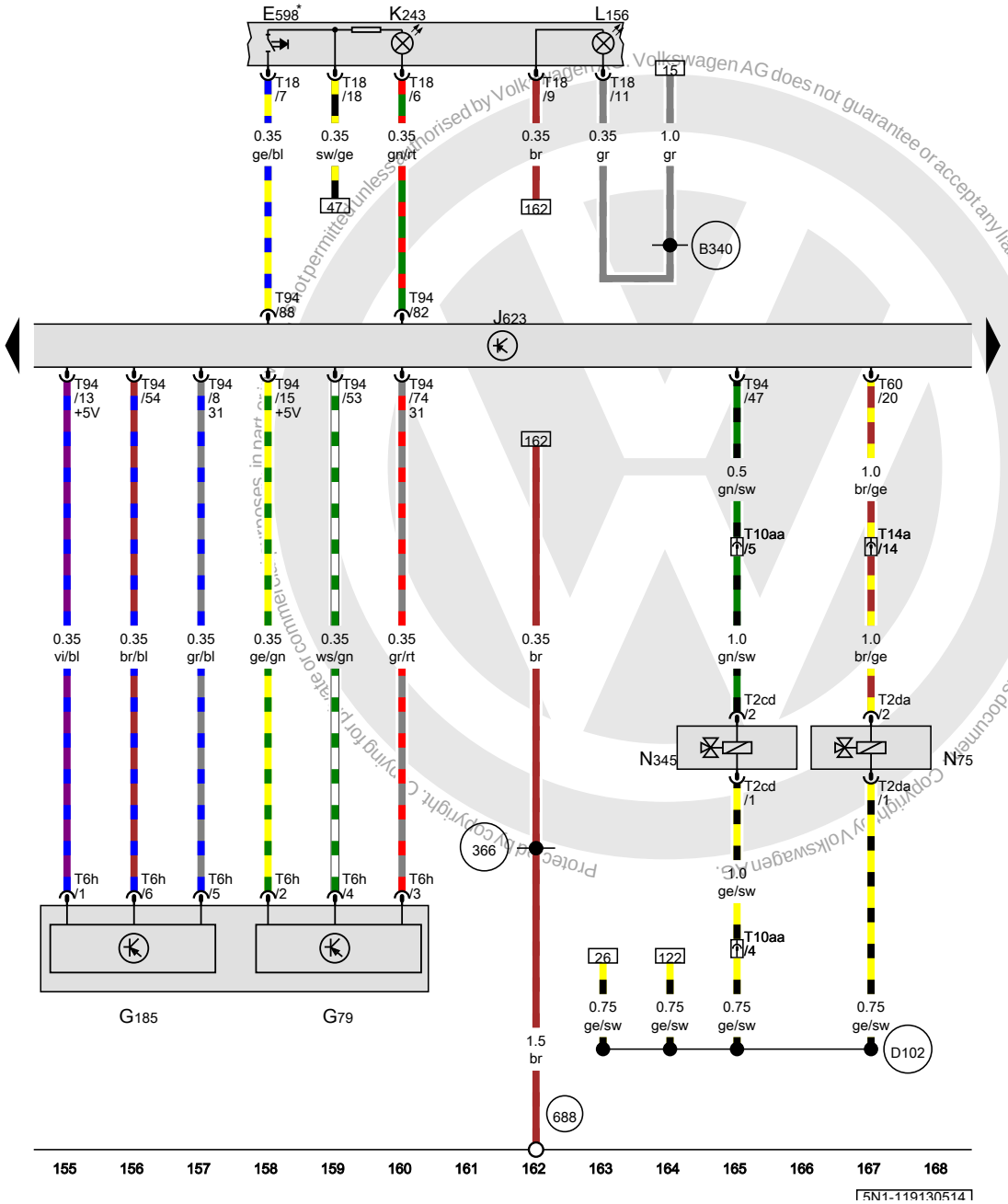
Fuel pressure sender, Engine control unit, Injector, cylinder 1

G247	Fuel pressure sender
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T3ck	3-pin connector
T60	60-pin connector



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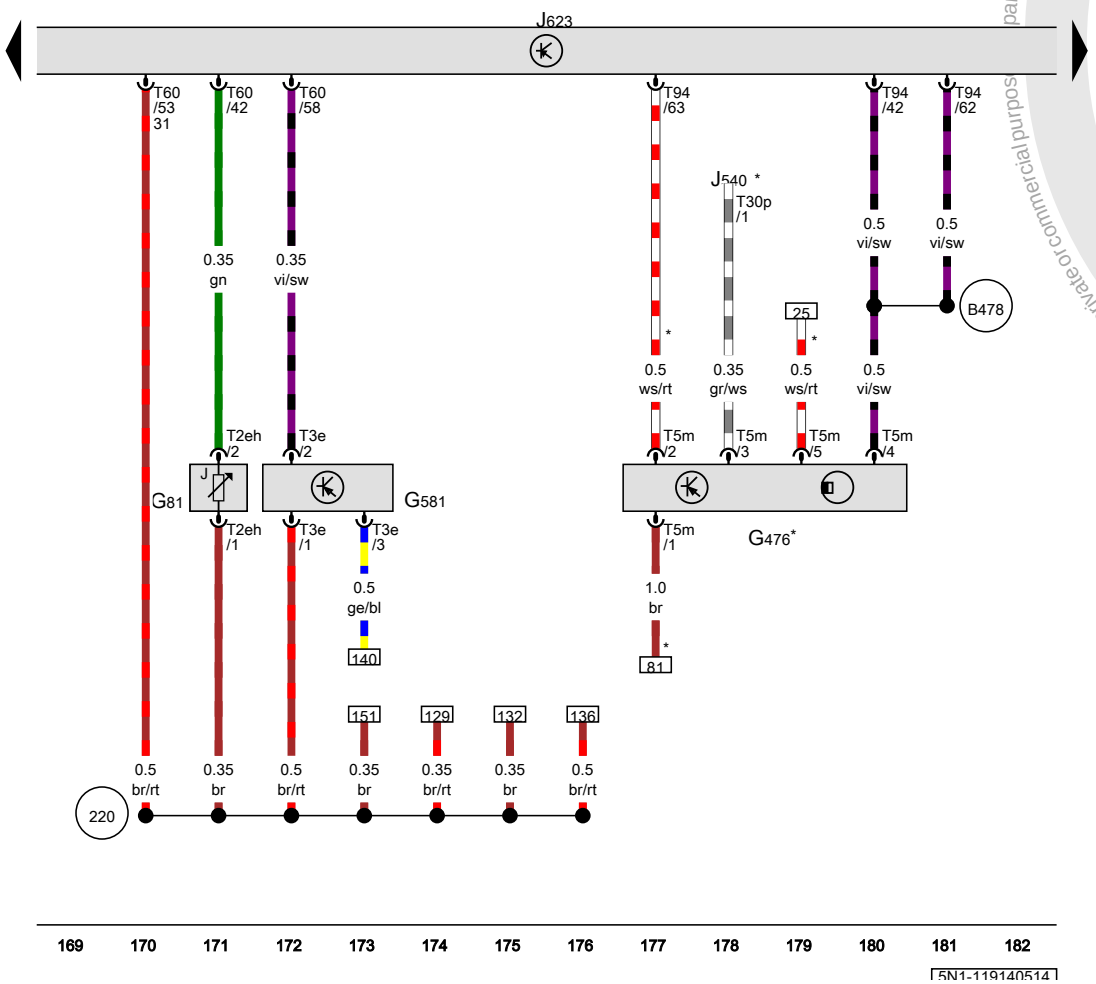
Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

E598	Driving program button
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T2cd	2-pin connector
T2da	2-pin connector
T6h	6-pin connector
T10aa	10-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
D102	Connection 2 in engine compartment wiring harness
*	According to equipment

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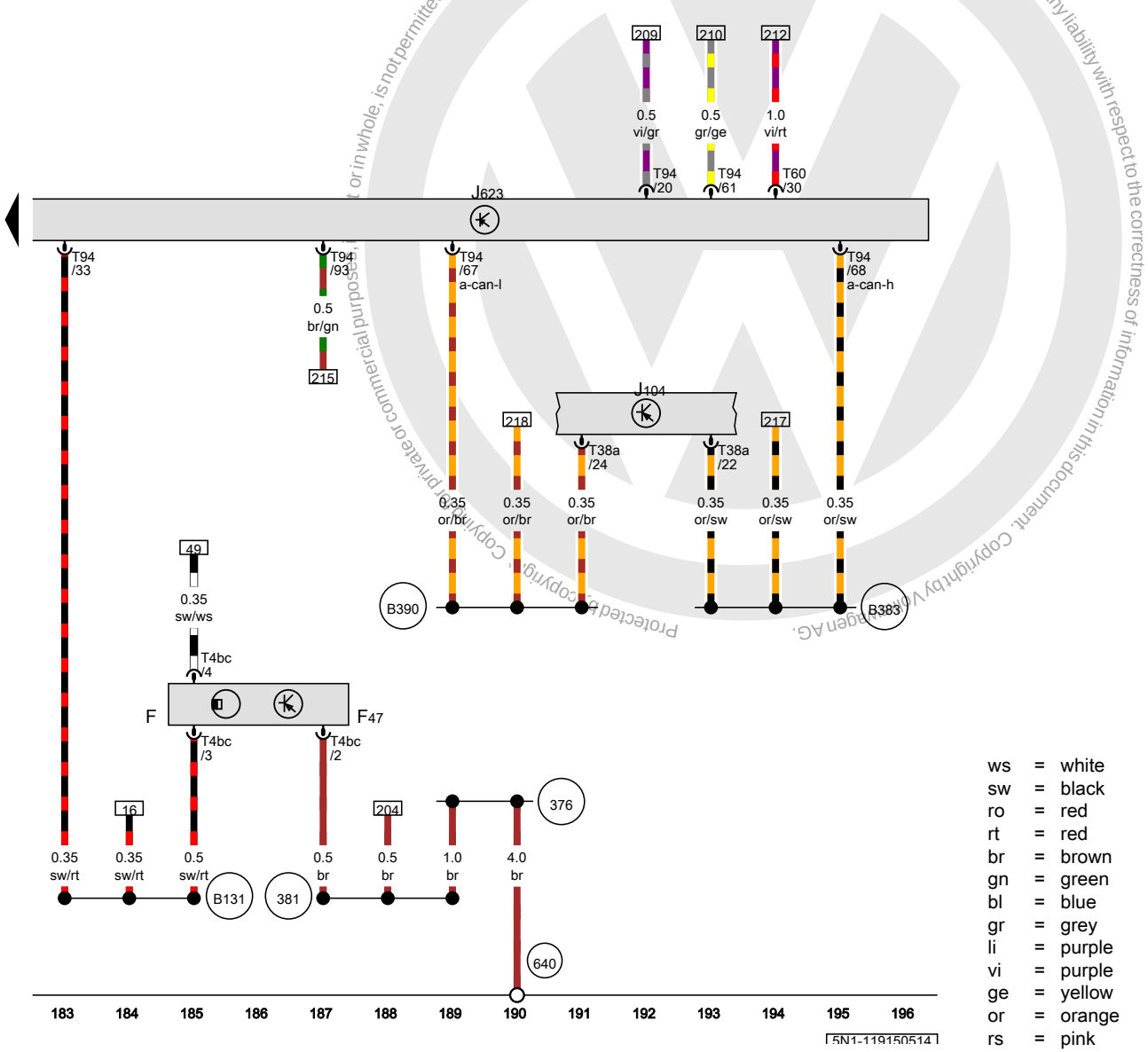
Fuel temperature sender, Clutch position sender, Position sender for charge pressure positioner, Engine control unit

G81	Fuel temperature sender
G476	Clutch position sender
G581	Position sender for charge pressure positioner
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T2eh	2-pin connector
T3e	3-pin connector
T5m	5-pin connector
T30p	30-pin connector
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
B478	Connection 14, in main wiring harness
*	Only models with manual gearbox



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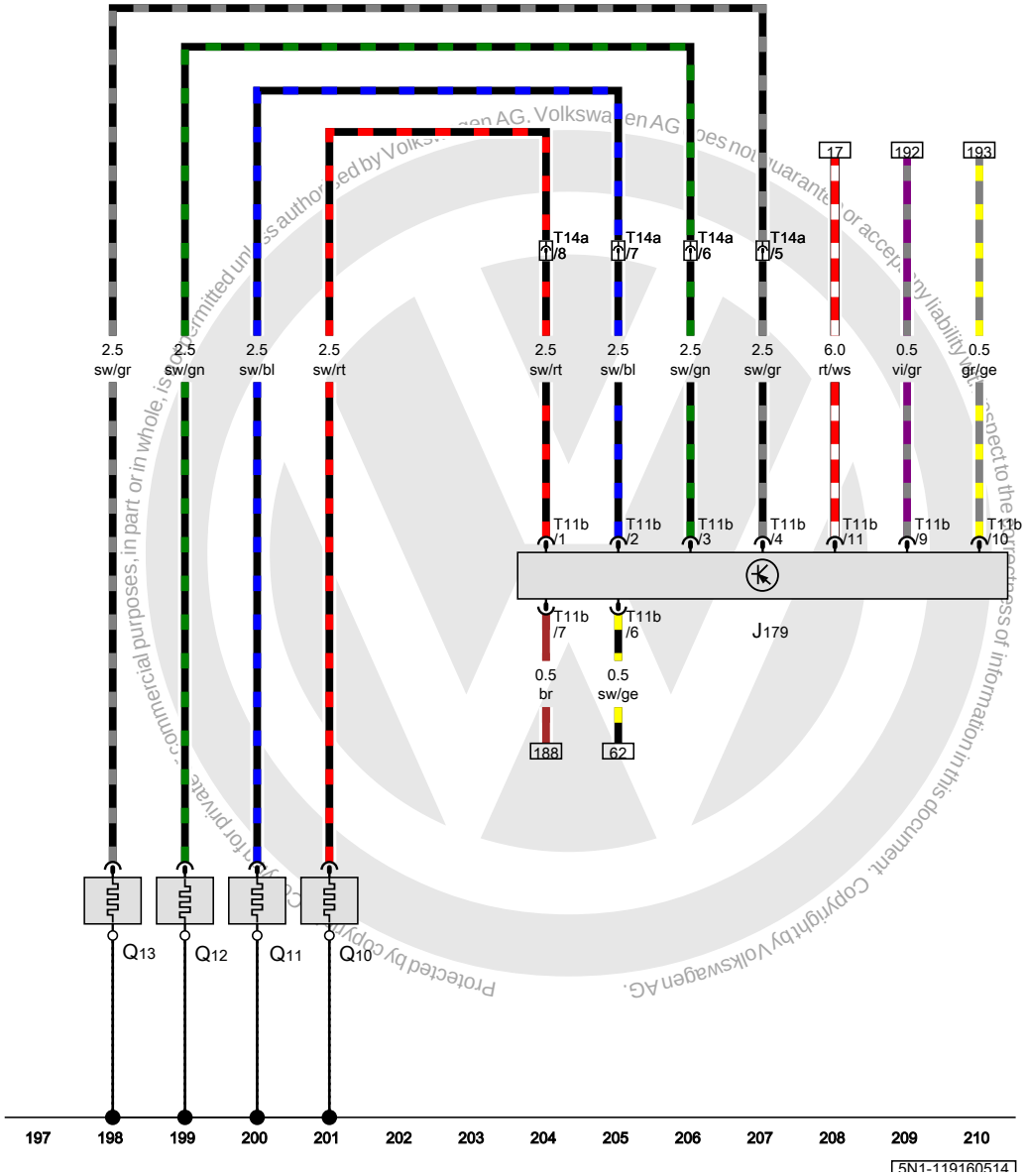
Brake light switch, Engine control unit

F	Brake light switch
F47	Brake pedal switch
J104	ABS control unit
J623	Engine control unit
T4bc	4-pin connector
T38a	38-pin connector
T60	60-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B131	Connection (54), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

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Automatic glow period control unit, Glow plug 1

J179	Automatic glow period control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T11b	11-pin connector
T14a	14-pin connector



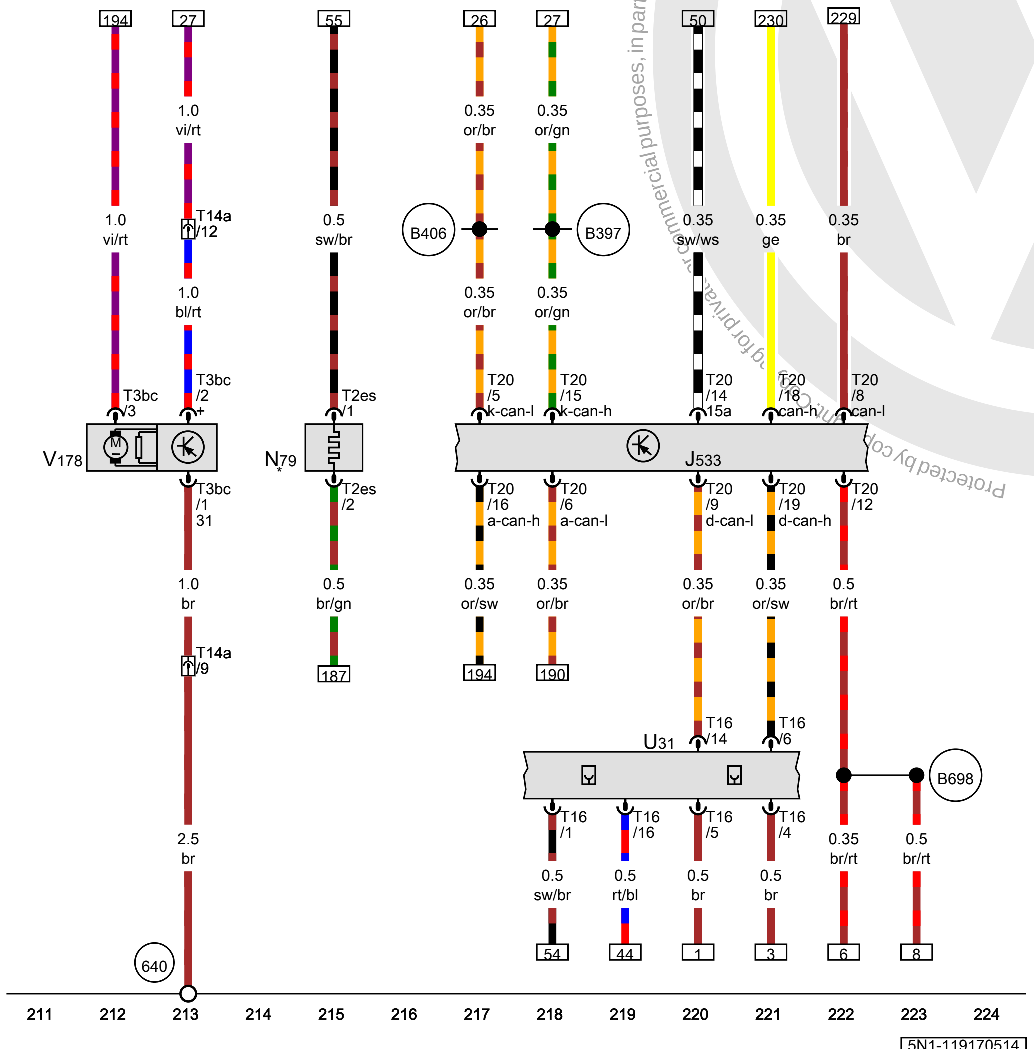
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Data bus diagnostic interface, Heater element for crankcase breather, Diagnostic connection, Coolant circulation pump 2

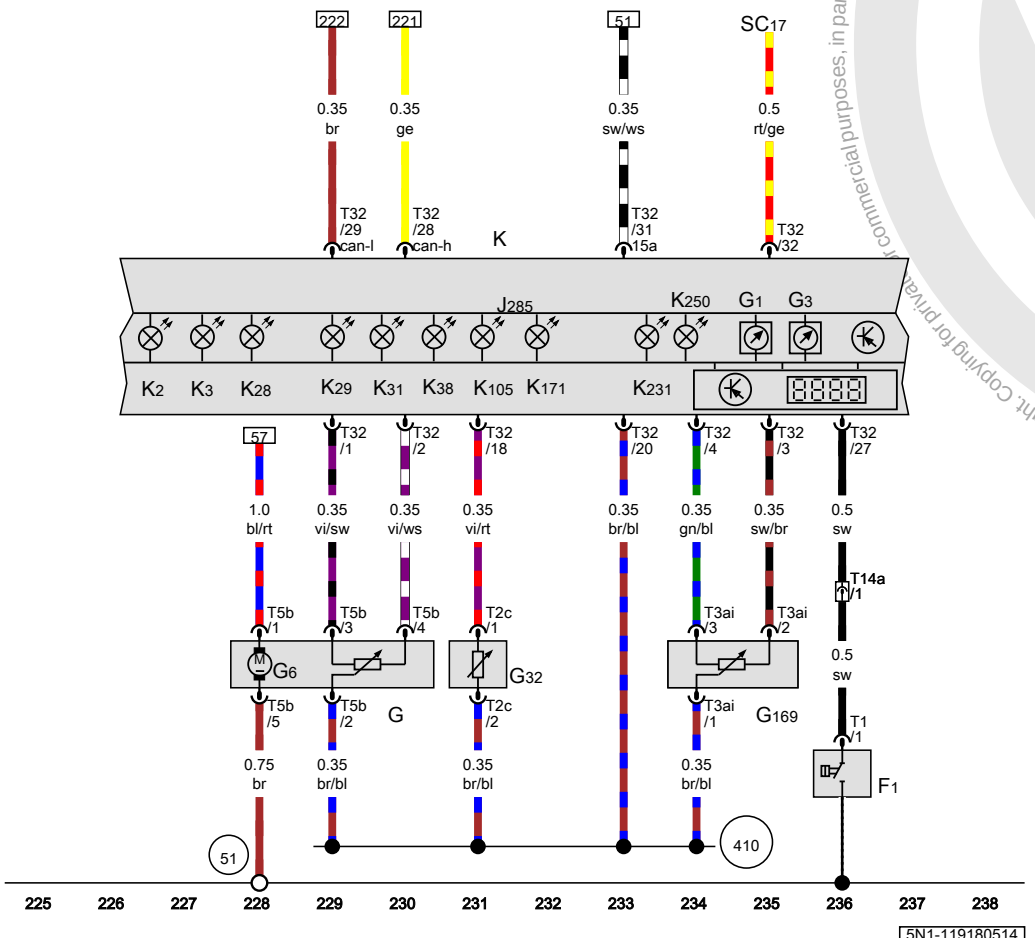
J533	Data bus diagnostic interface
N79	Heater element for crankcase breather
T2es	2-pin connector
T3bc	3-pin connector
T14a	14-pin connector
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
V178	Coolant circulation pump 2
640	Earth point 2, left in engine compartment
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	Only for countries with cold climate



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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
K171	Bonnet open warning lamp
K231	Diesel particulate filter warning lamp
K250	Warning lamp for hill descent control
SC17	Fuse 17 on fuse holder C
T1	Single connector
T2c	2-pin connector
T3ai	3-pin connector
T5b	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
410	Earth connection 1 (sender earth) in main wiring harness



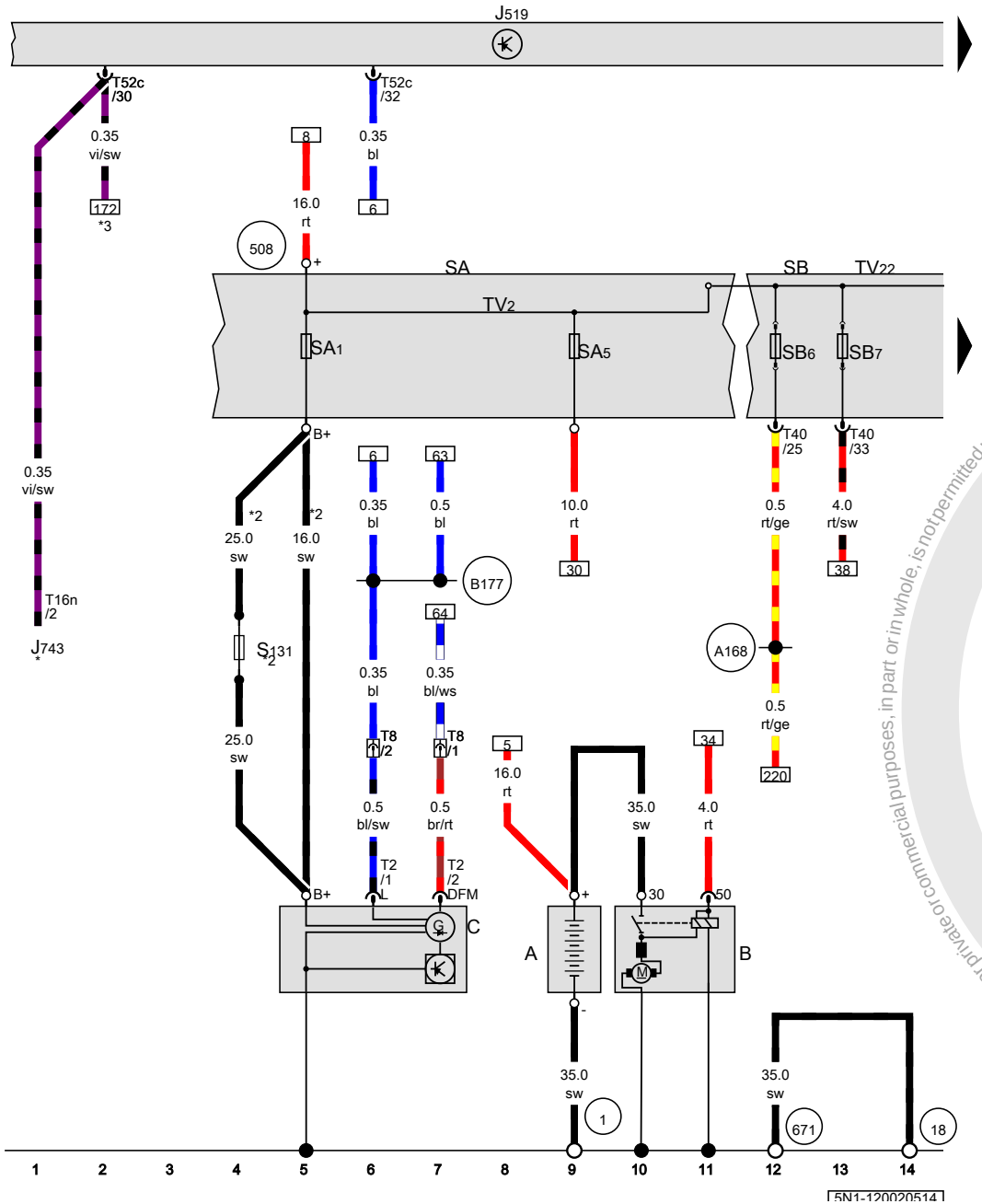
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2.0l diesel engine , CFFA,CFFB,CFGB

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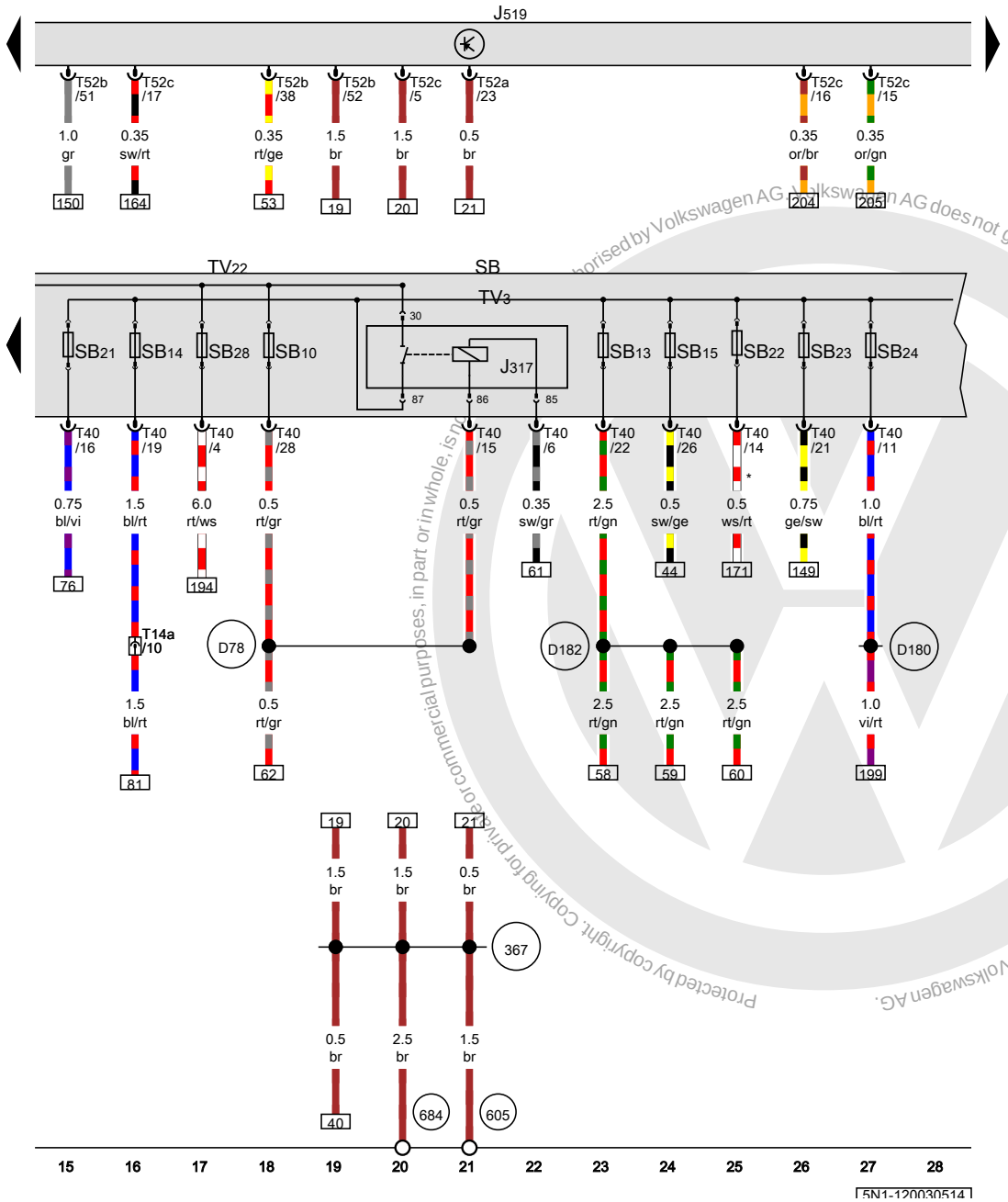


Battery, Starter, Alternator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
J519	Onboard supply control unit
J743	Mechatronic unit for dual clutch gearbox
S131	Fuse 1, in alternator wire
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
T2	2-pin connector
T16n	16-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
T8	8-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
A168	Positive connection 4 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	Only models with automatic gearbox
*2	According to equipment
*3	Only models with manual gearbox

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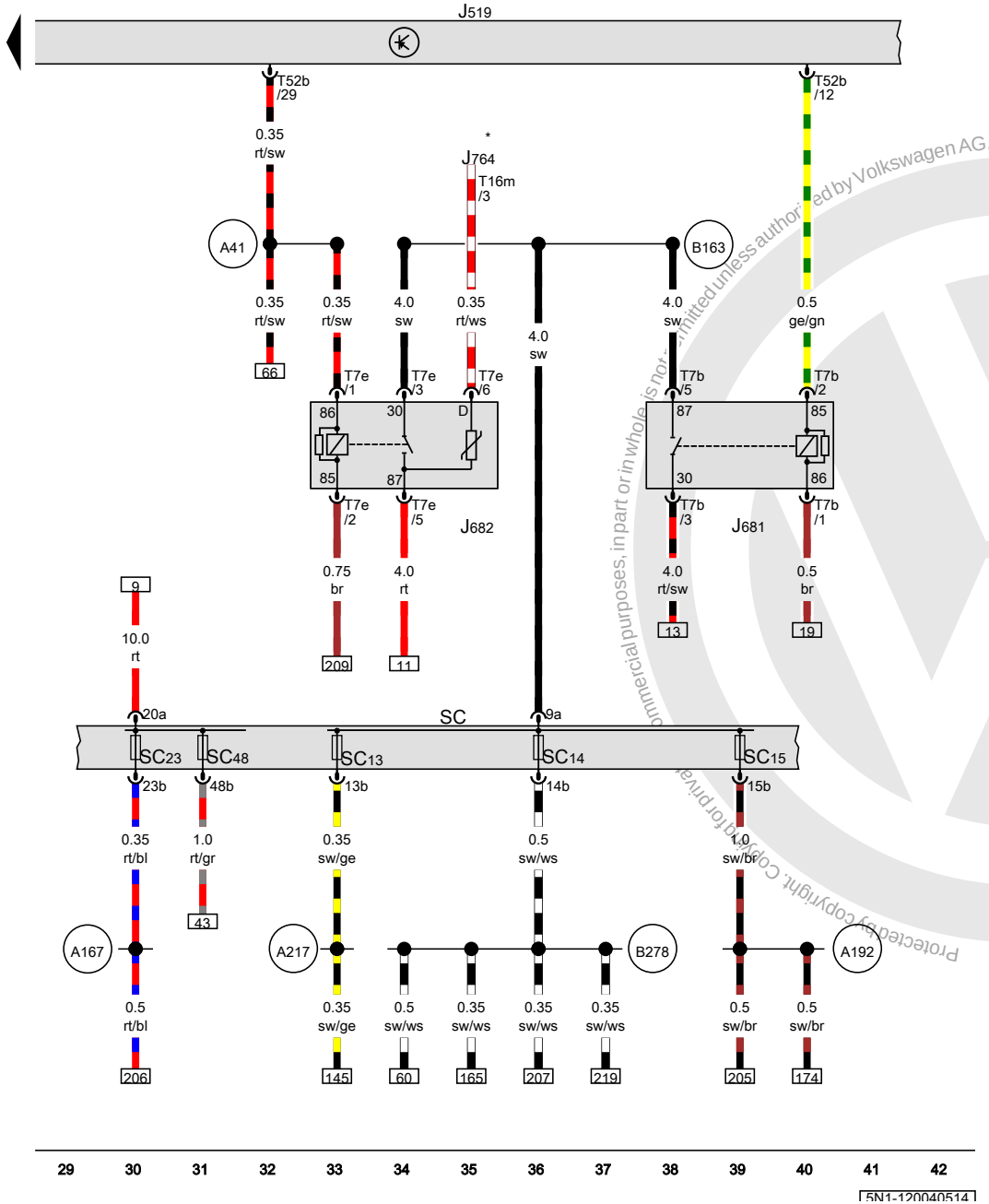


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Terminal 30 voltage supply relay, Onboard supply control unit

J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
SB28	Fuse 28 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
D78	Positive connection 1 (30a), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	Only models with manual gearbox

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Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C

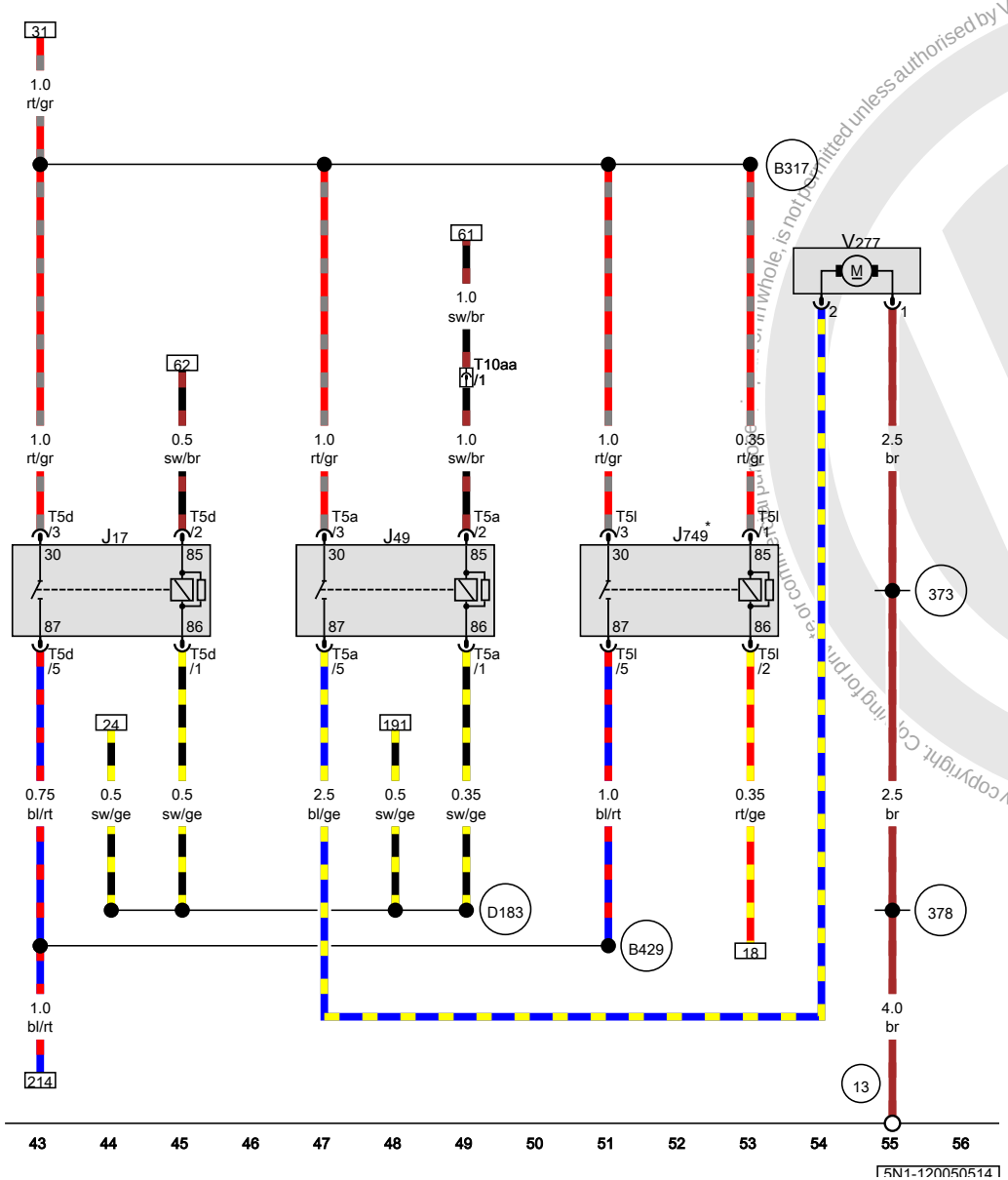
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
J764	Control unit for electronic steering column lock
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC48	Fuse 48 on fuse holder C
T7b	7-pin connector
T7e	7-pin connector
T16m	16-pin connector
T52b	52-pin connector
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Only models with entry and start authorisation

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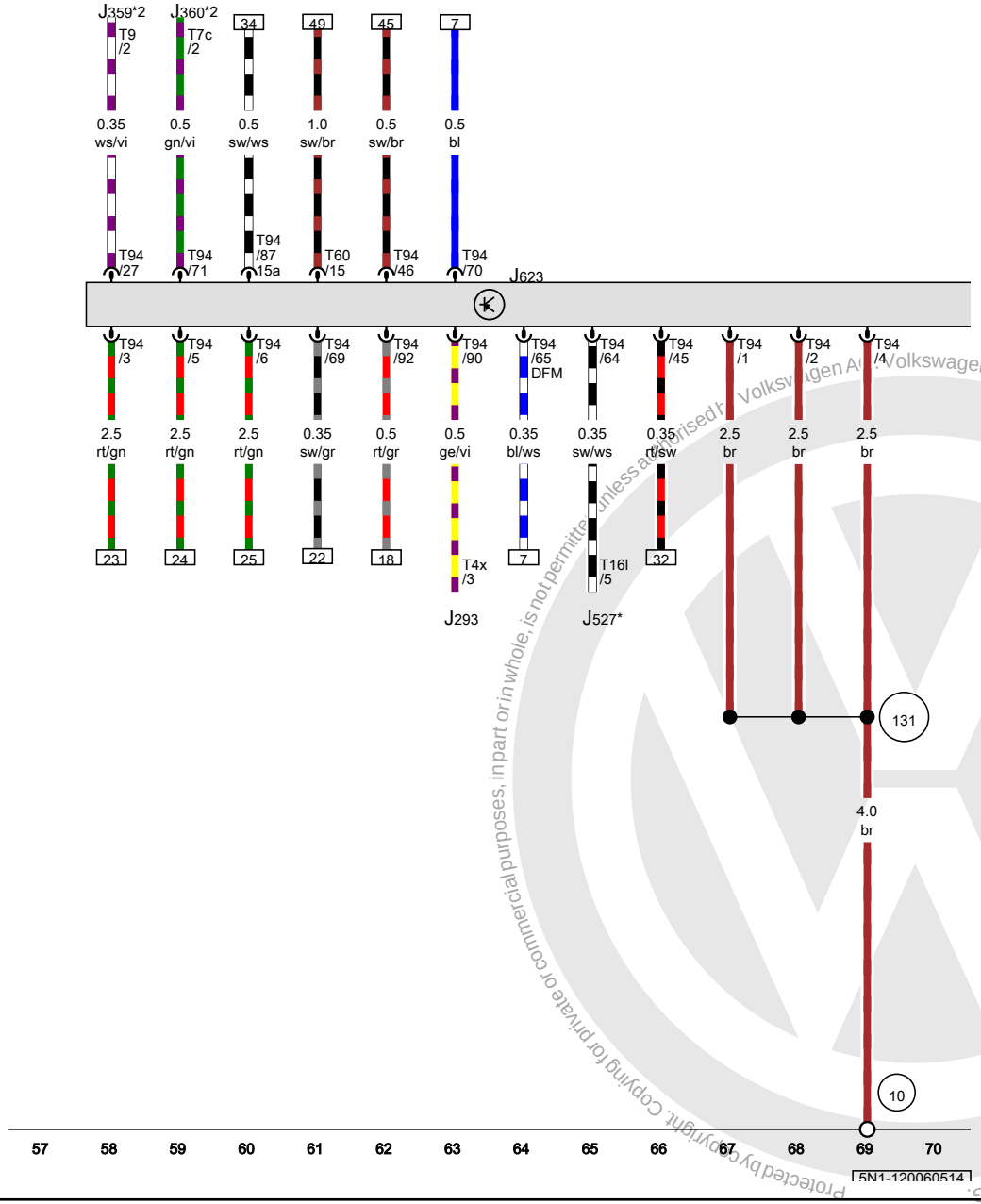
Fuel pump relay, Electric fuel pump 2 relay, Fuel pump relay for auxiliary heater, Fuel pump 2

J17	Fuel pump relay
J49	Electric fuel pump 2 relay
J749	Fuel pump relay for auxiliary heater
T5a	5-pin connector
T5d	5-pin connector
T5l	5-pin connector
T10aa	10-pin connector
V277	Fuel pump 2
13	Earth point, on right in engine compartment
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B429	Connection (EFPR), in main wiring harness
D183	Connection 4 (87a) in engine compartment wiring harness
*	Only models with auxiliary coolant heater



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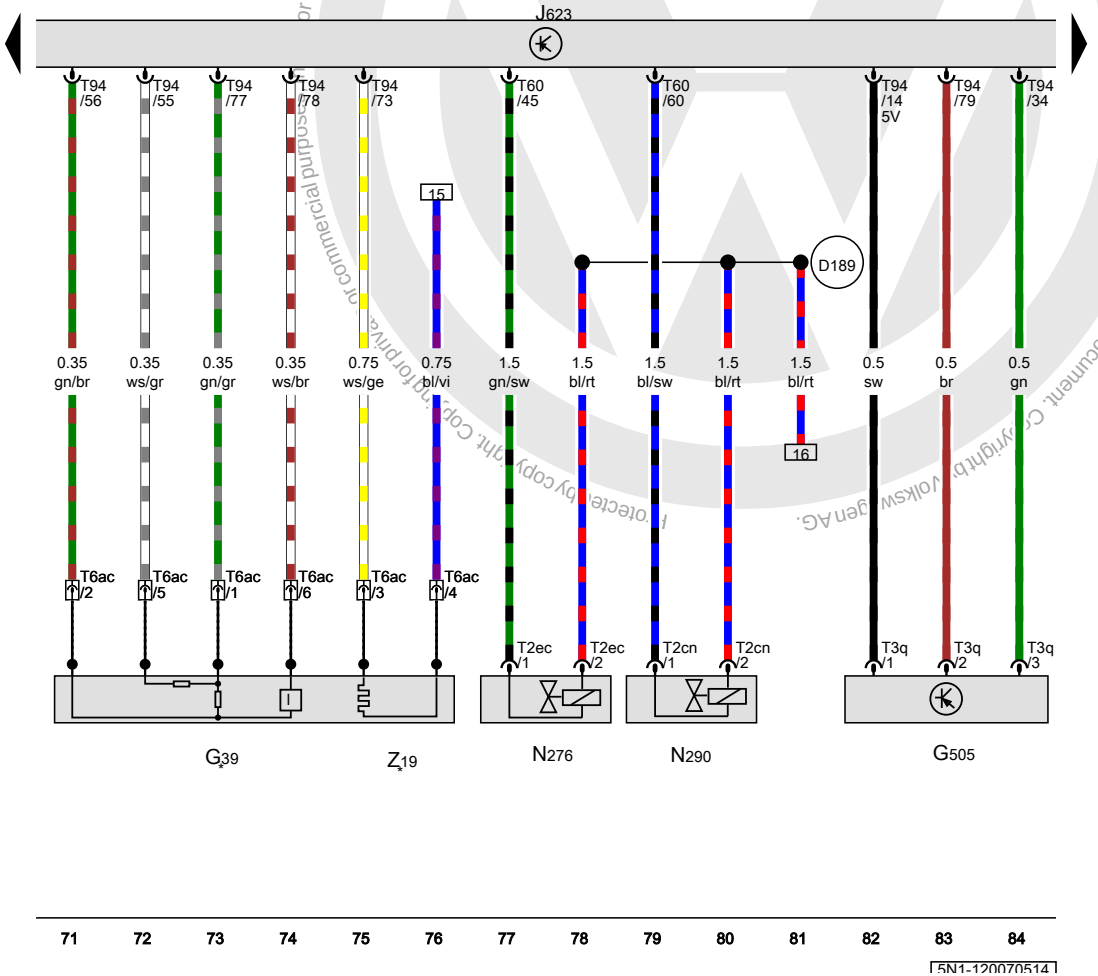
Engine control unit

J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J527	Steering column electronics control unit
J623	Engine control unit
T4x	4-pin connector
T7c	7-pin connector
T9	9-pin connector
T16l	16-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)
*2	According to equipment

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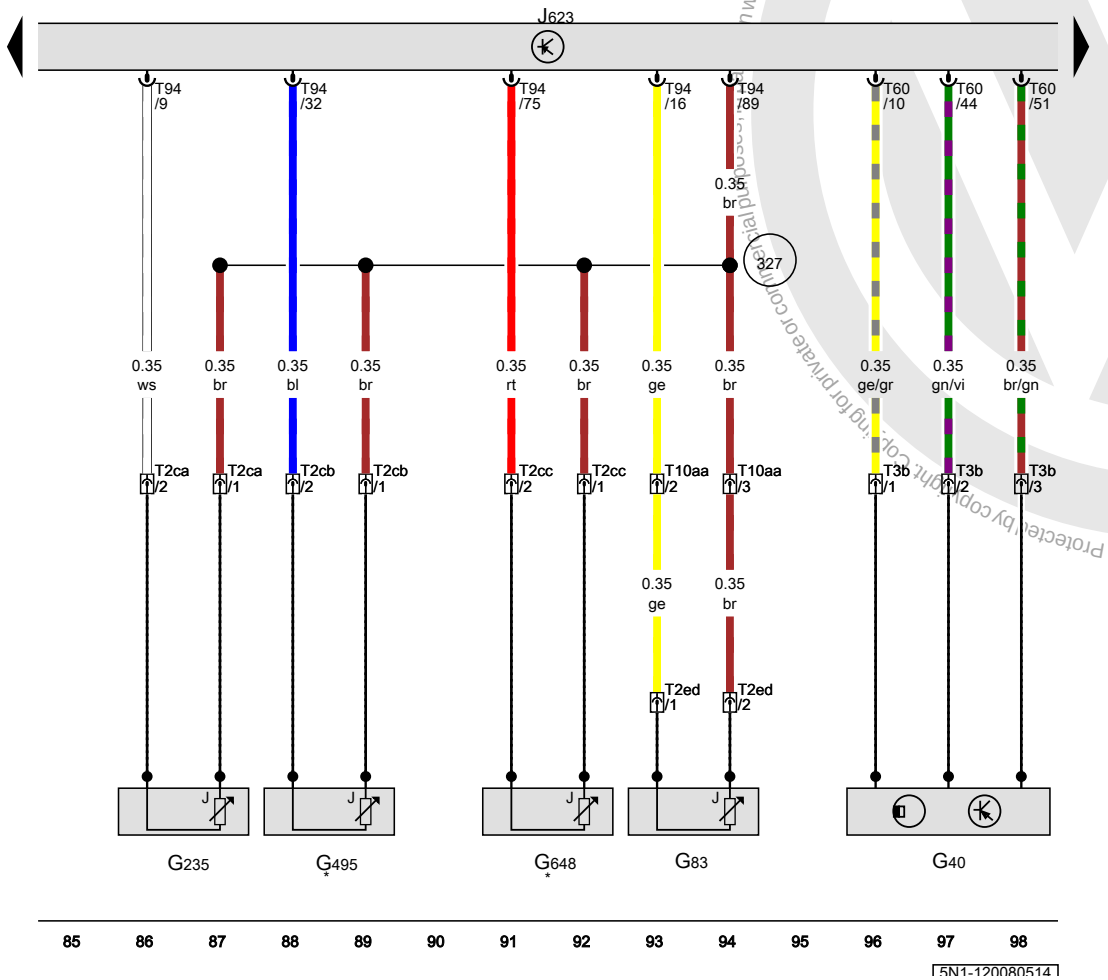
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Lambda probe, Pressure differential sender, Engine control unit, Fuel pressure regulating valve, Fuel metering valve

G39	Lambda probe
G505	Pressure differential sender
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2cn	2-pin connector
T2ec	2-pin connector
T3q	3-pin connector
T6ac	6-pin connector
T60	60-pin connector
T94	94-pin connector
Z19	Lambda probe heater
(D189)	Connection (87a) in engine prewiring harness
*	According to equipment

Hall sender, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G40	Hall sender
G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T2ca	2-pin connector
T2cb	2-pin connector
T2cc	2-pin connector
T2ed	2-pin connector
T3b	3-pin connector
T10aa	10-pin connector
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
*	According to equipment

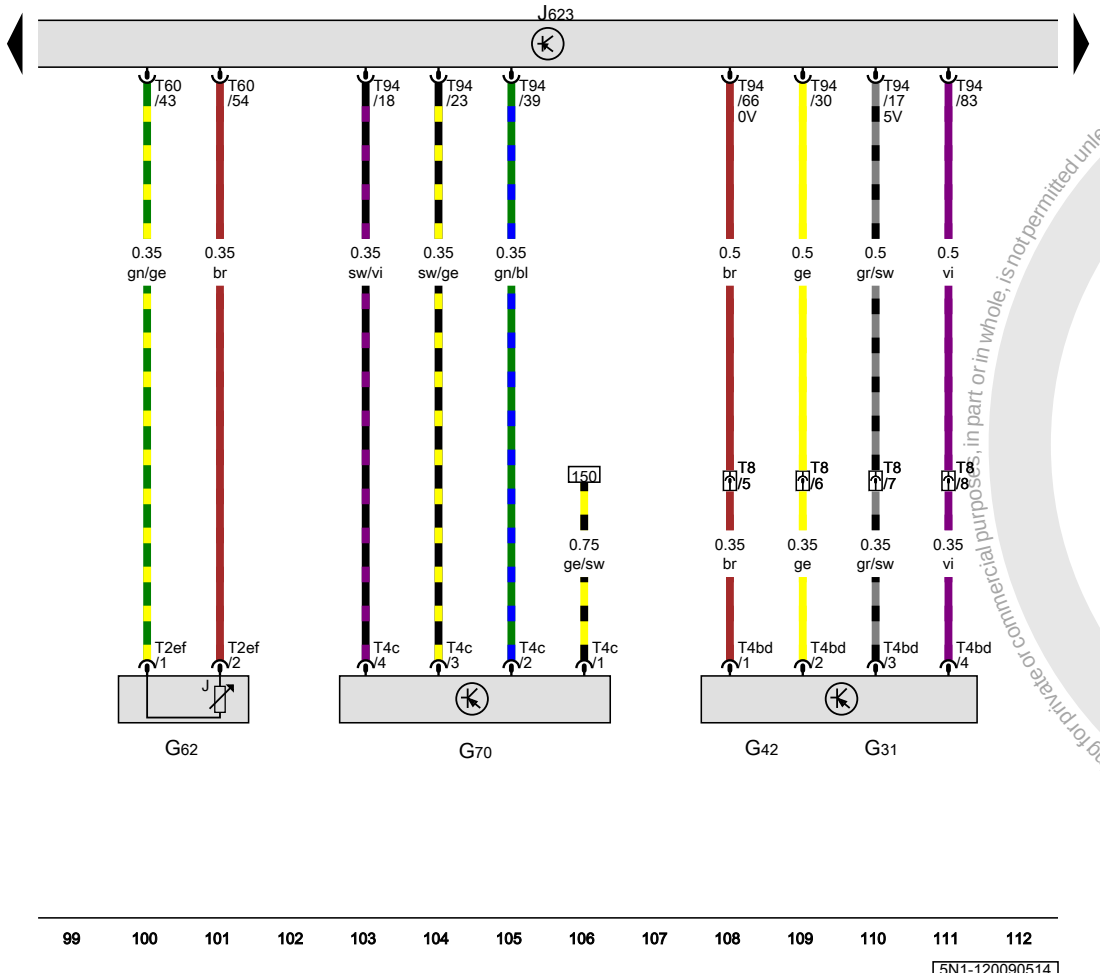


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Charge pressure sender, Intake air temperature sender, Coolant temperature sender, Air mass meter, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G70	Air mass meter
J623	Engine control unit
T2ef	2-pin connector
T4bd	4-pin connector
T4c	4-pin connector
T8	8-pin connector
T60	60-pin connector
T94	94-pin connector

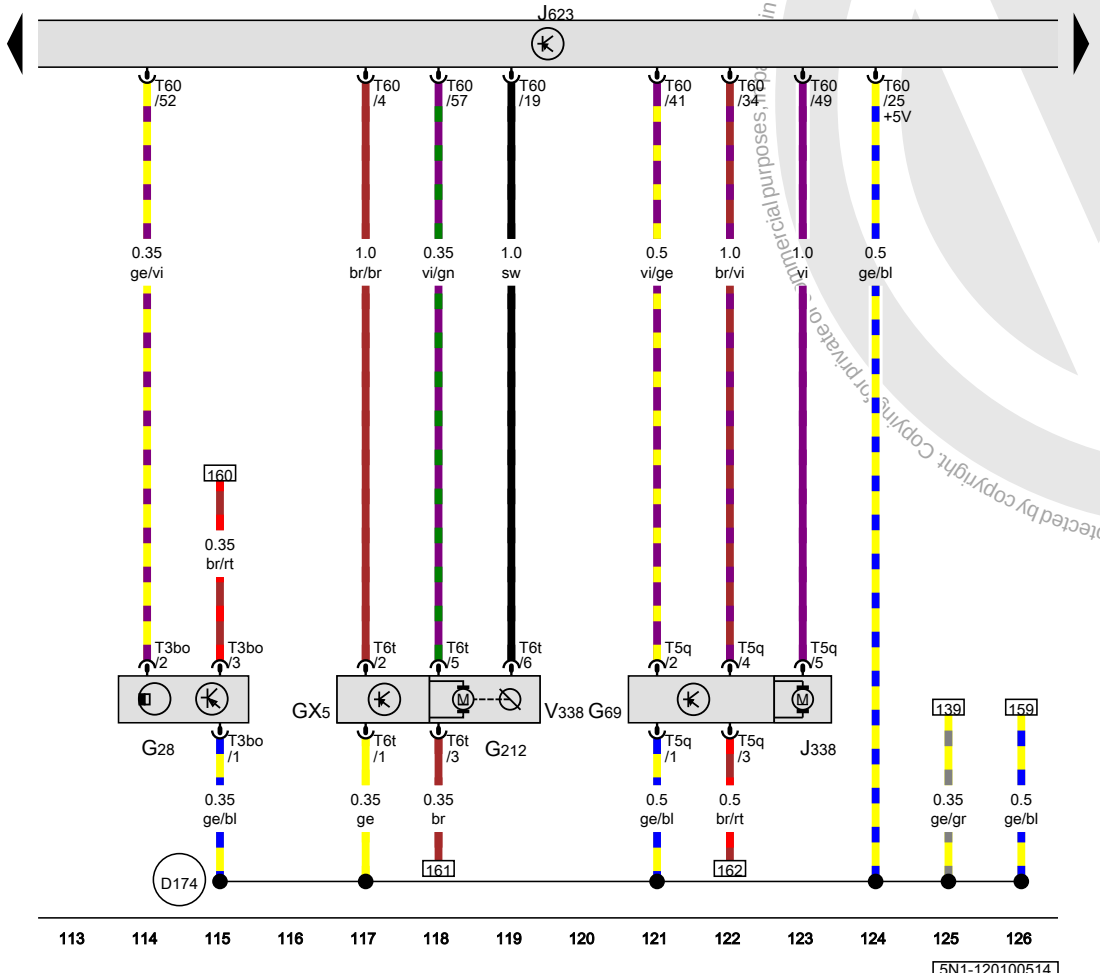


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Exhaust gas recirculation valve 1, Engine speed sender, Throttle valve potentiometer, Exhaust gas recirculation potentiometer, Engine control unit, Exhaust gas recirculation control motor

GX5	Exhaust gas recirculation valve 1
G28	Engine speed sender
G69	Throttle valve potentiometer
G212	Exhaust gas recirculation potentiometer
J338	Throttle valve module
J623	Engine control unit
T3bo	3-pin connector
T5q	5-pin connector
T6t	6-pin connector
T60	60-pin connector
V338	Exhaust gas recirculation control motor
D174	Connection 2 (5V) in engine prewiring harness

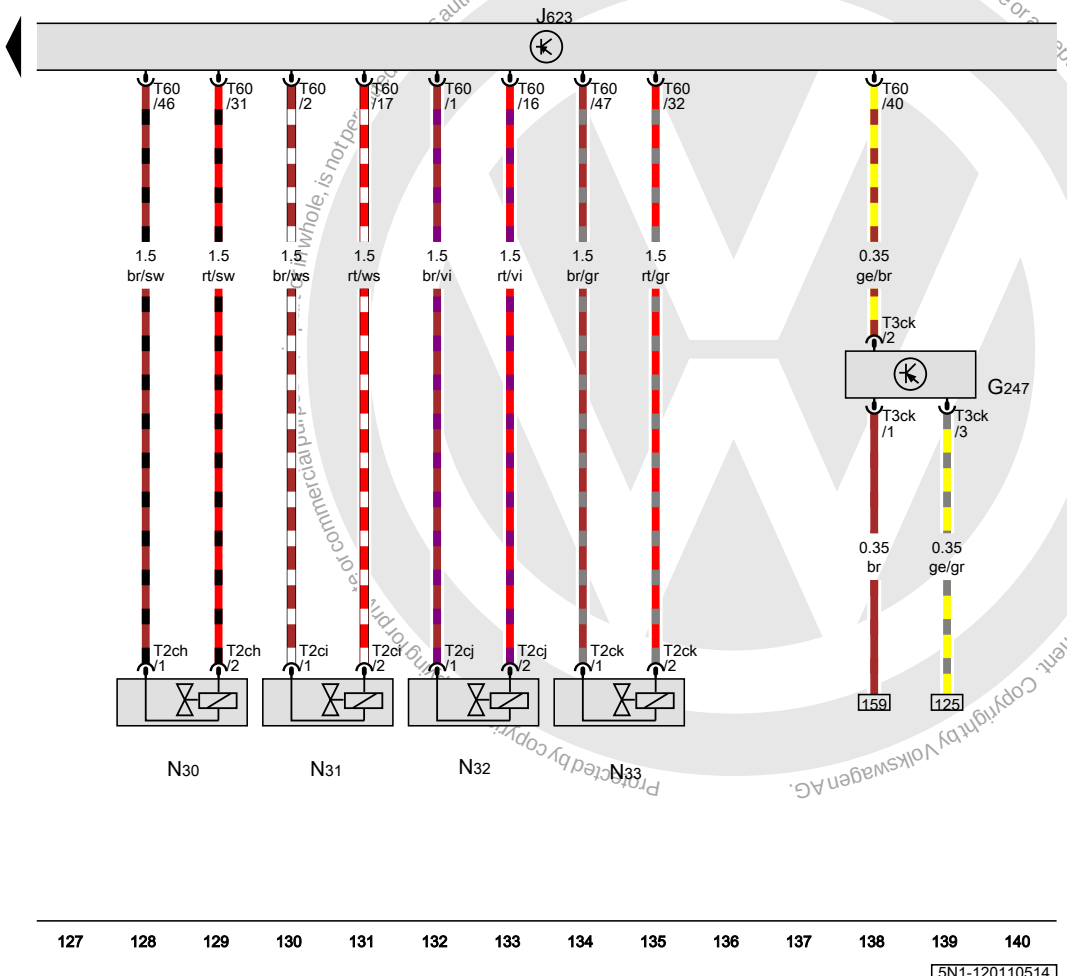


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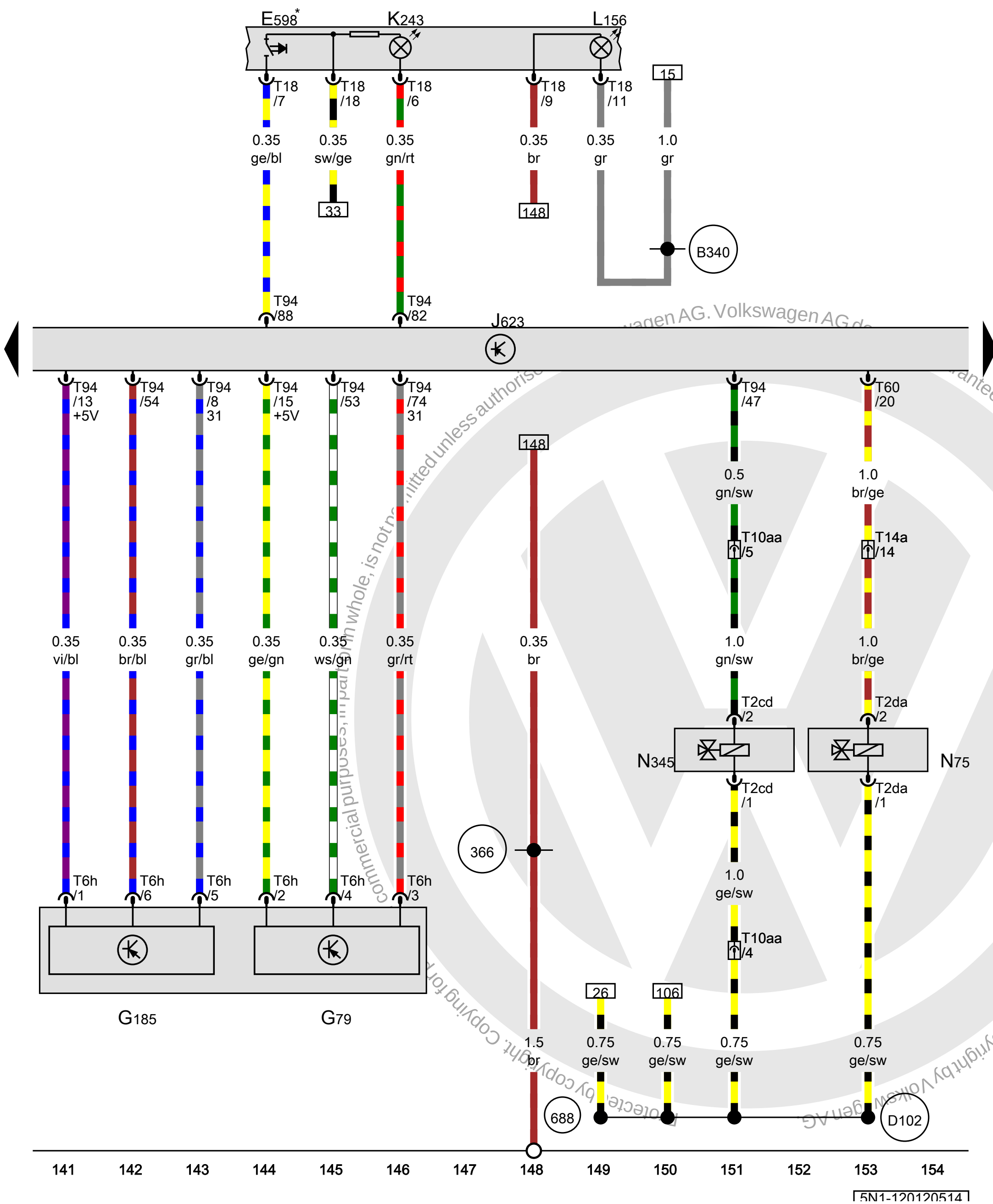
Fuel pressure sender, Engine control unit, Injector, cylinder 1

G247	Fuel pressure sender
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T3ck	3-pin connector
T60	60-pin connector



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ge	=	yellow
or	=	orange
rs	=	pink

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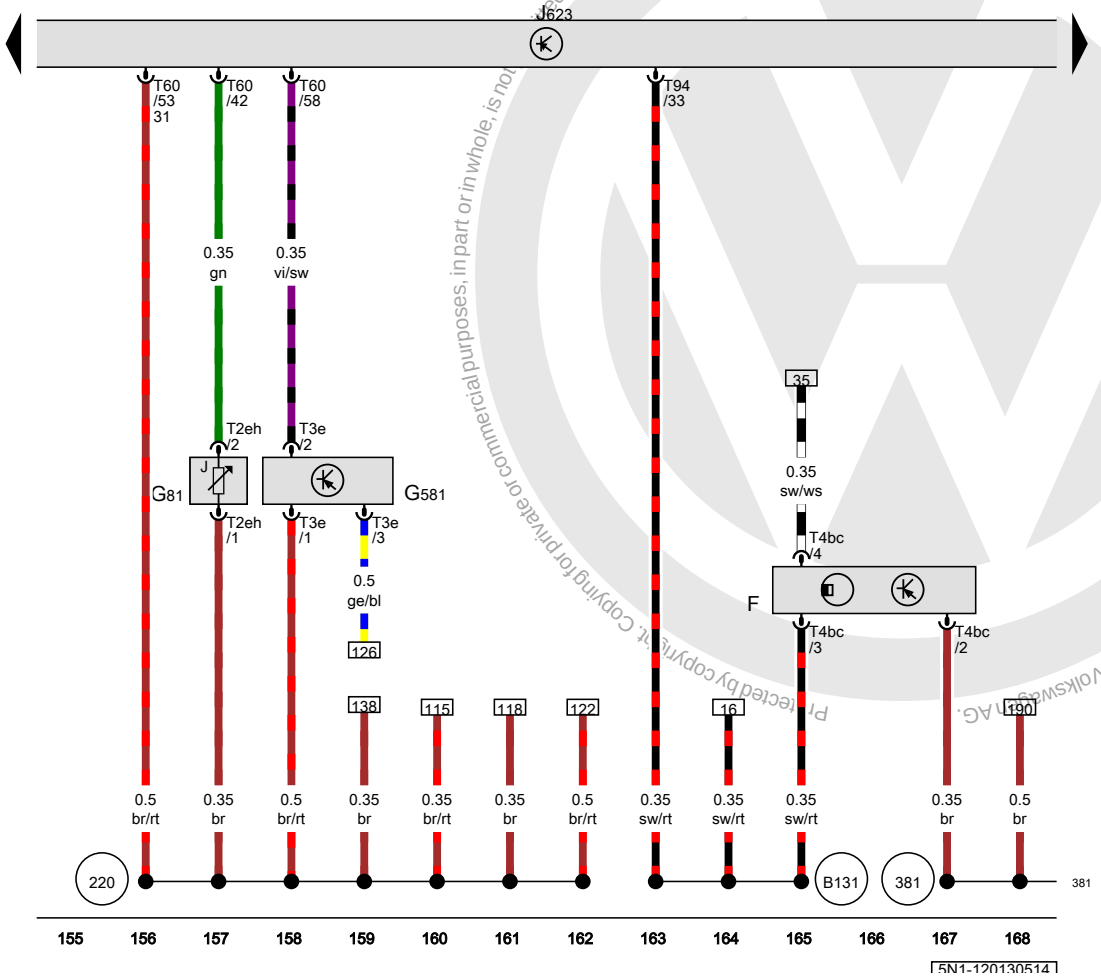
Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

E598	Driving program button
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T2cd	2-pin connector
T2da	2-pin connector
T6h	6-pin connector
T10aa	10-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
D102	Connection 2 in engine compartment wiring harness
*	According to equipment

ws	=	white
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Brake light switch, Fuel temperature sender, Position sender for charge pressure positioner, Engine control unit

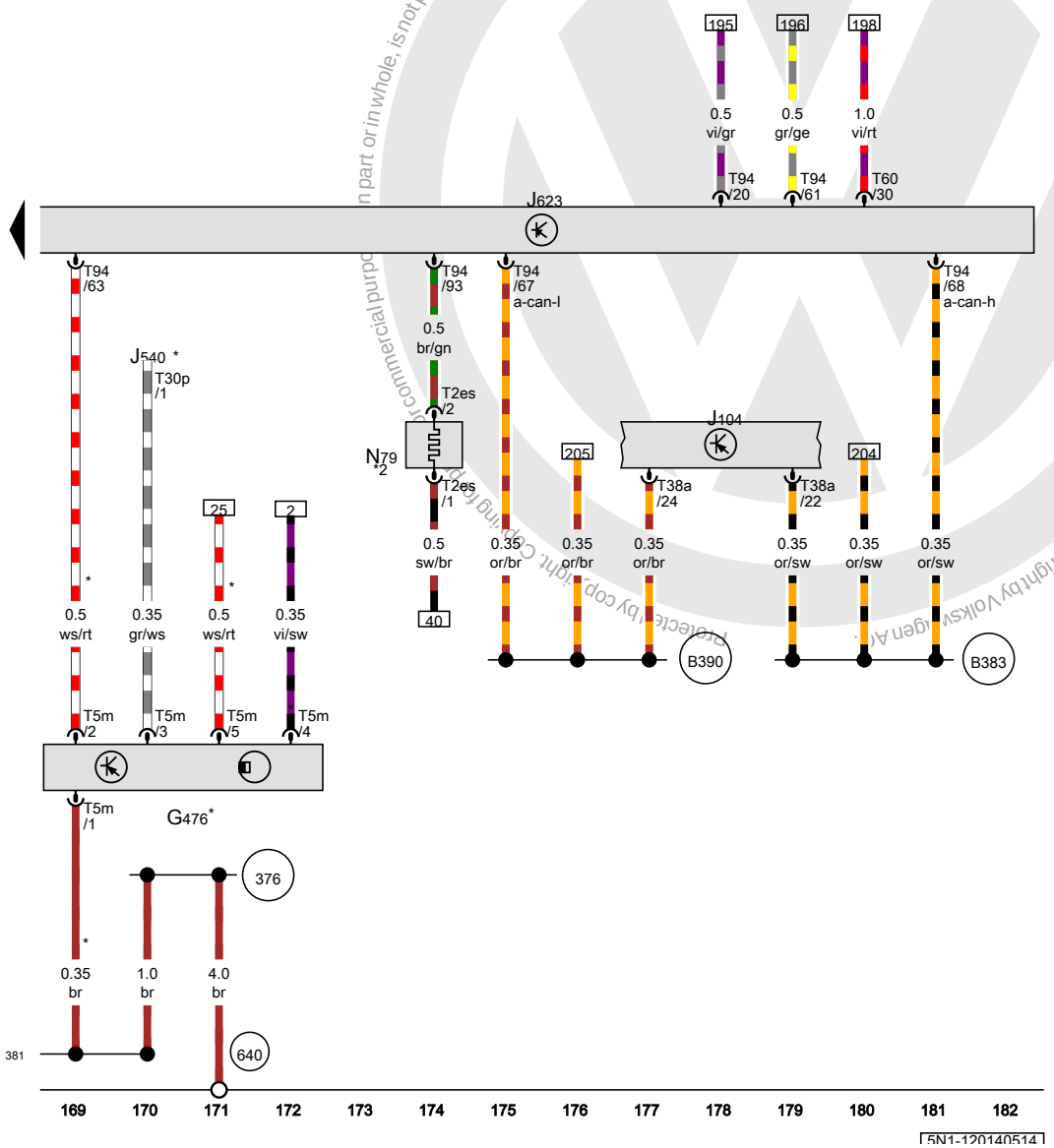
F	Brake light switch
G81	Fuel temperature sender
G581	Position sender for charge pressure positioner
J623	Engine control unit
T2eh	2-pin connector
T3e	3-pin connector
T4bc	4-pin connector
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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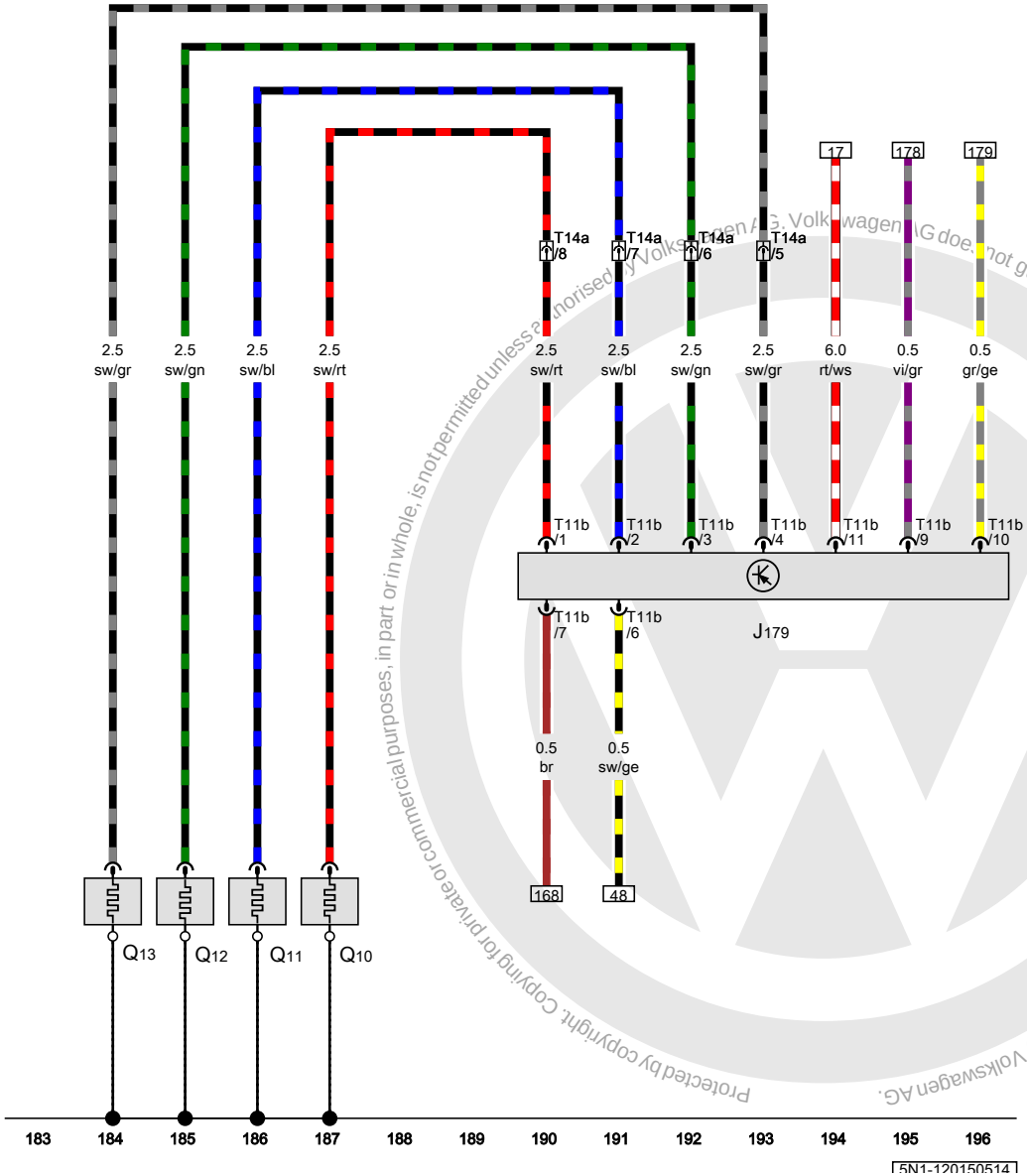
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Clutch position sender, Engine control unit, Heater element for crankcase breather

G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
N79	Heater element for crankcase breather
T2es	2-pin connector
T5m	5-pin connector
T30p	30-pin connector
T38a	38-pin connector
T60	60-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only for countries with cold climate

Automatic glow period control unit, Glow plug 1

J179	Automatic glow period control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T11b	11-pin connector
T14a	14-pin connector

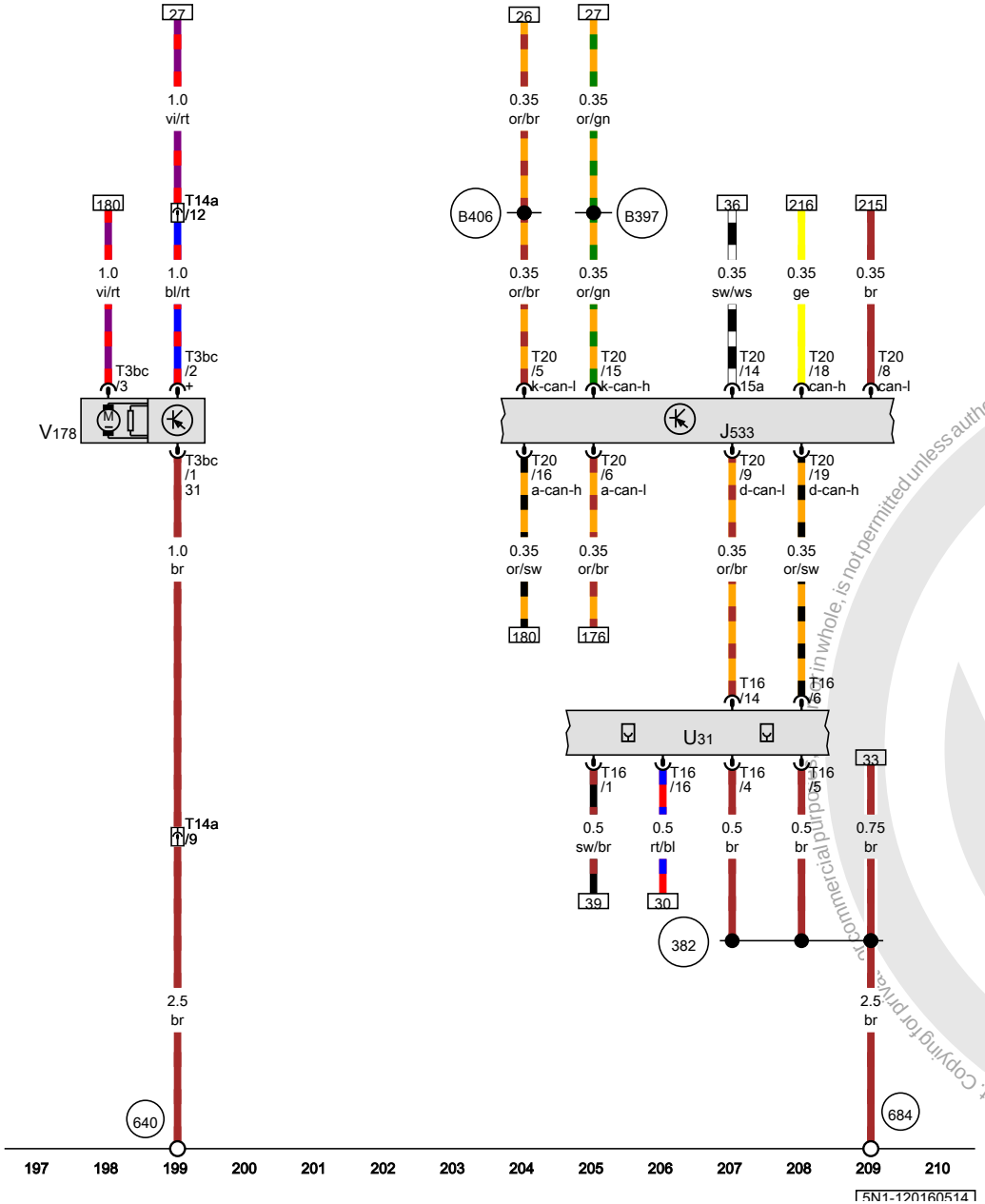


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or	=	orange
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Data bus diagnostic interface, Diagnostic connection, Coolant circulation pump 2

J533	Data bus diagnostic interface
T3bc	3-pin connector
T14a	14-pin connector
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
V178	Coolant circulation pump 2
382	Earth connection 17, in main wiring harness
640	Earth point 2, left in engine compartment
684	Earth point on front of left side member
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

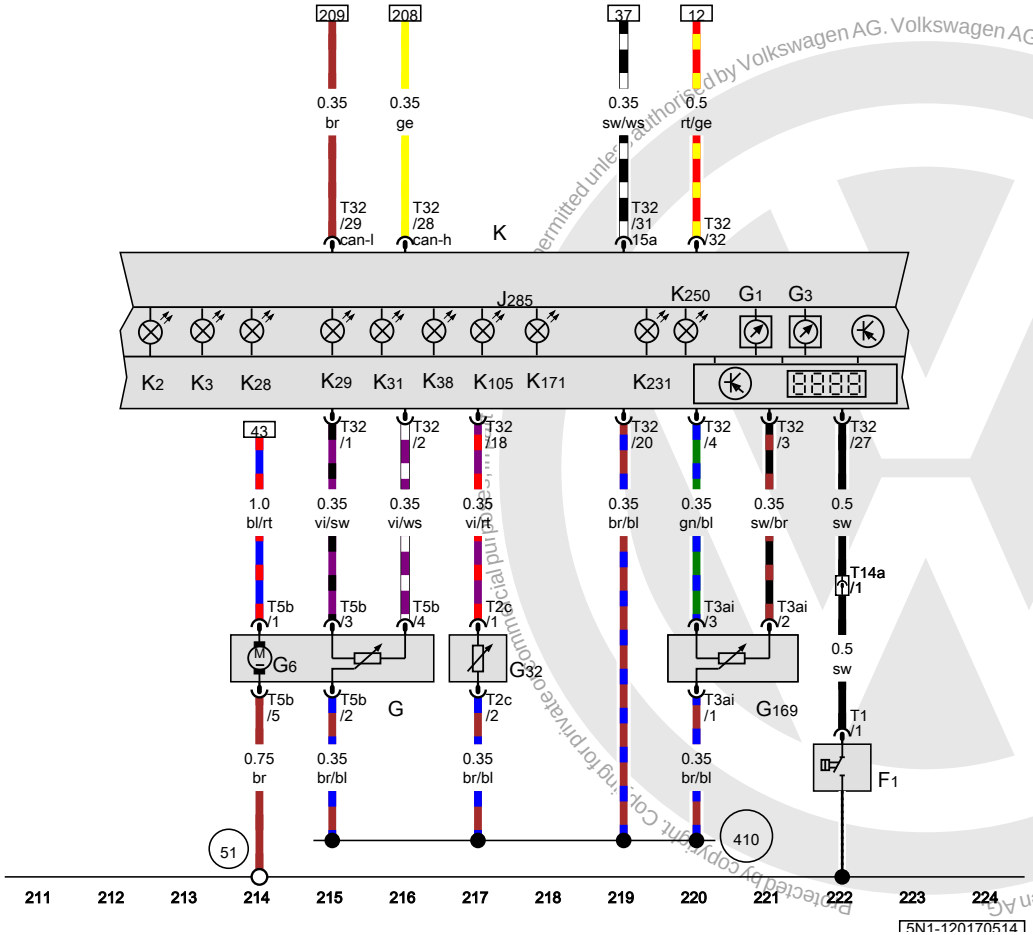


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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
K171	Bonnet open warning lamp
K231	Diesel particulate filter warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T2c	2-pin connector
T3ai	3-pin connector
T5b	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
410	Earth connection 1 (sender earth) in main wiring harness



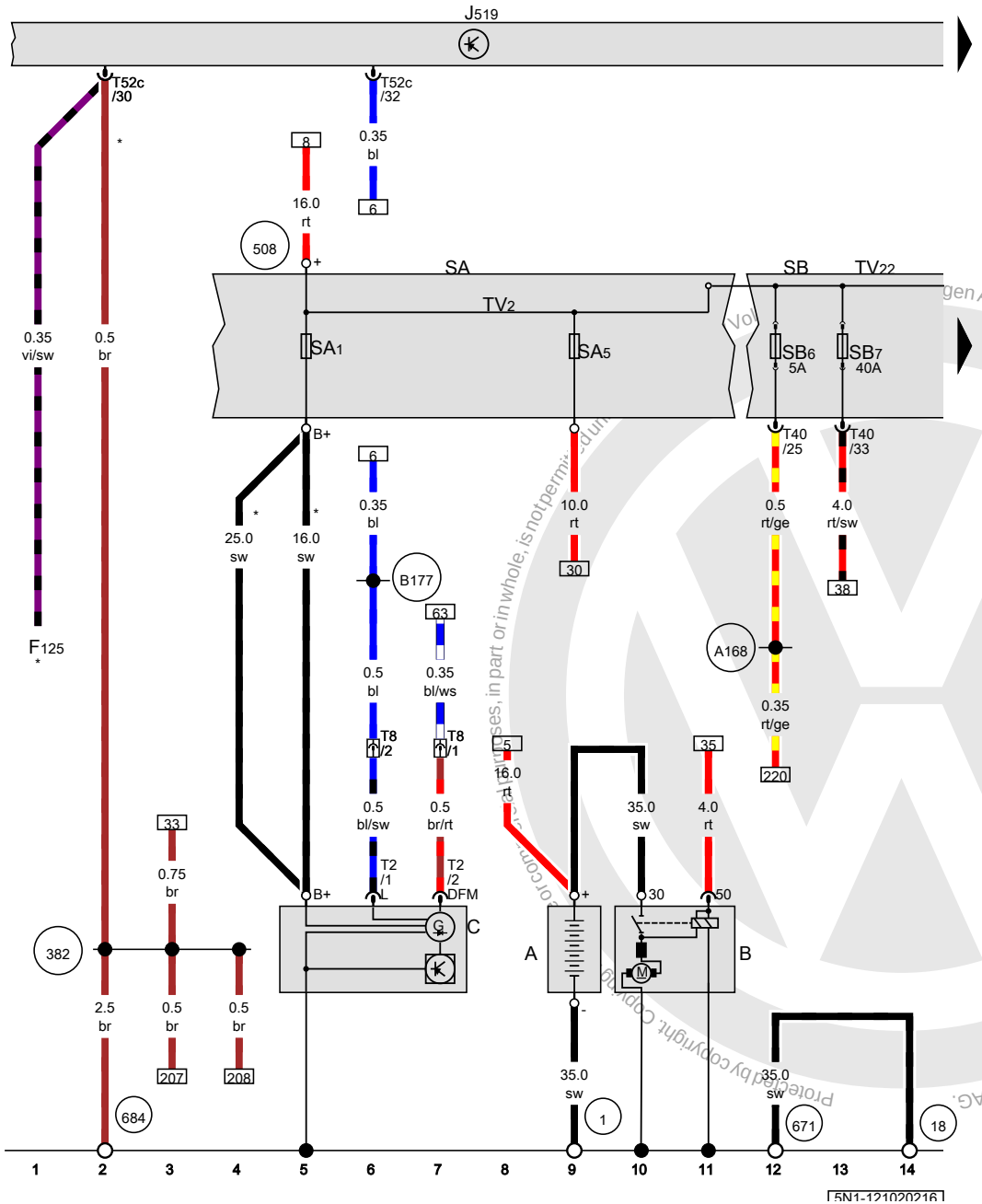
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1.4l petrol engine , CAVA

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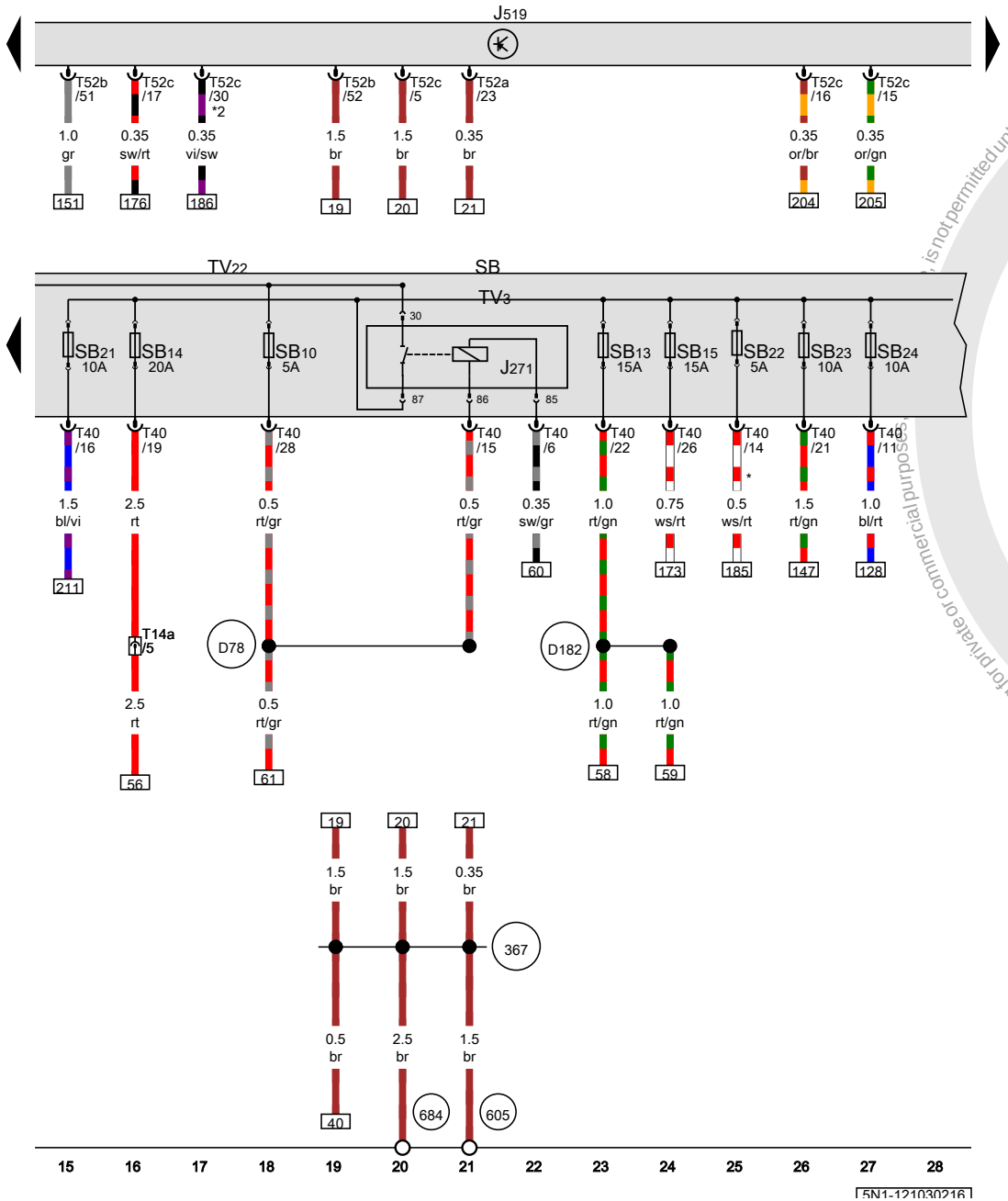


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Battery, Starter, Alternator, Onboard supply control unit, Fuse holder A, Fuse holder B

A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA5	Fuse 5 on fuse holder A
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
TV2	Terminal 30 wiring junction
T2	2-pin connector
T8	8-pin connector
T52c	52-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
A168	Positive connection 4 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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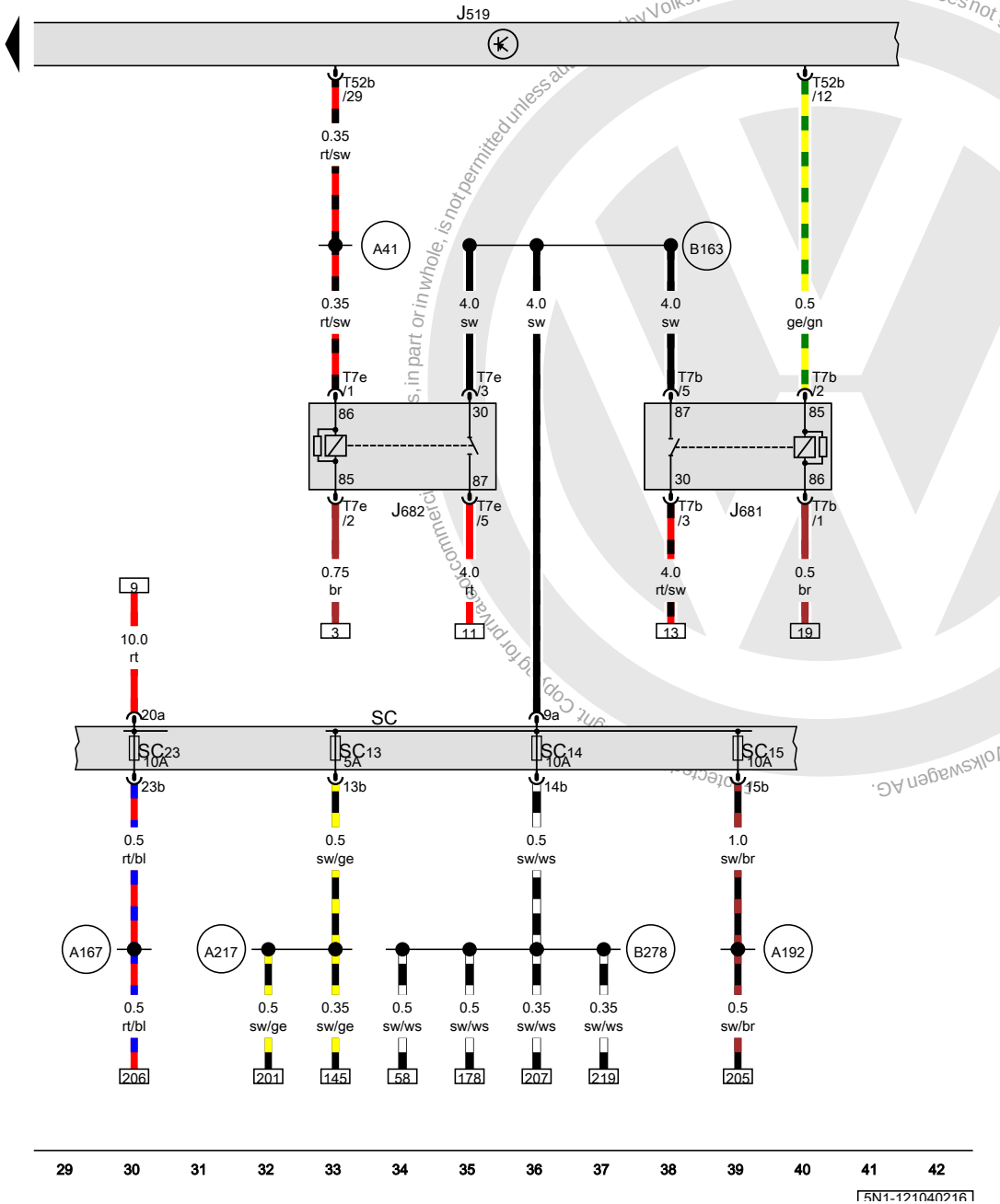


Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only for American markets

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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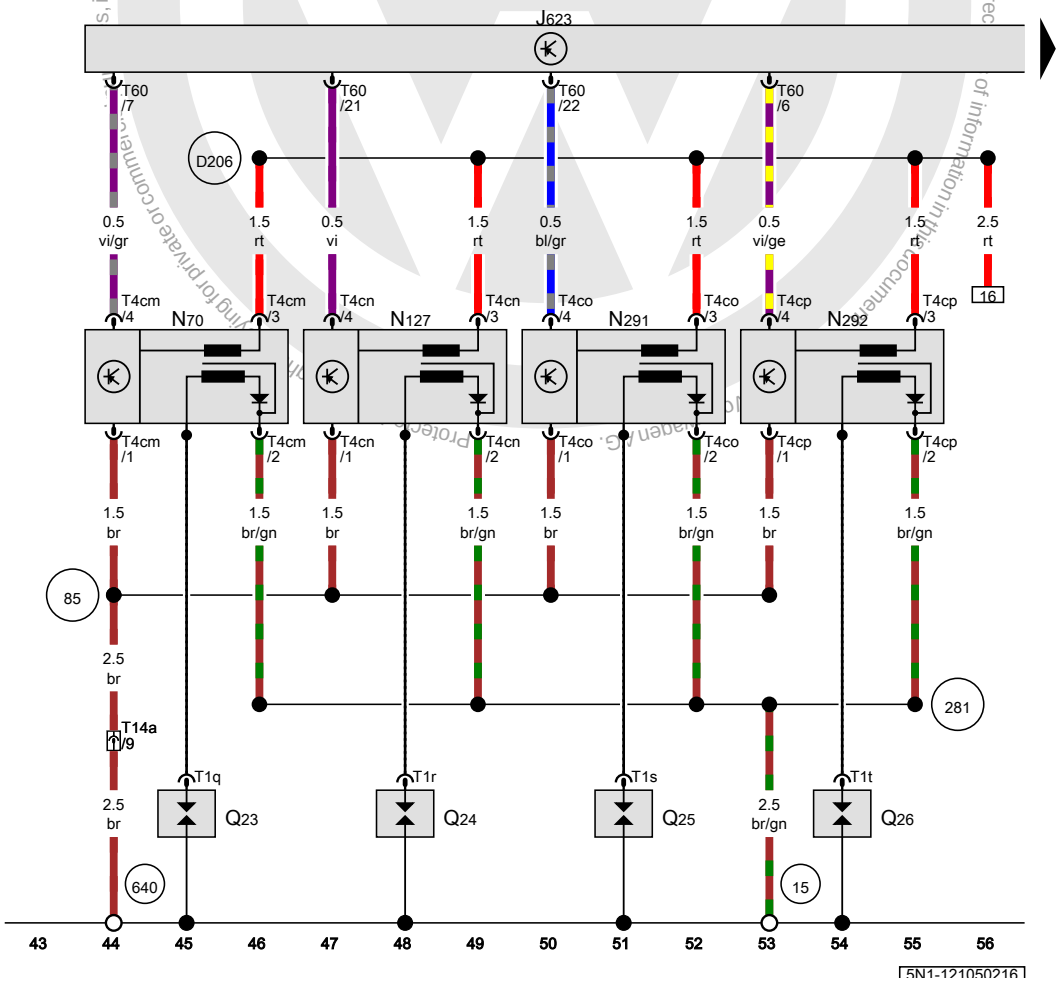
Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C

J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
T7b	7-pin connector
T7e	7-pin connector
T52b	52-pin connector
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness

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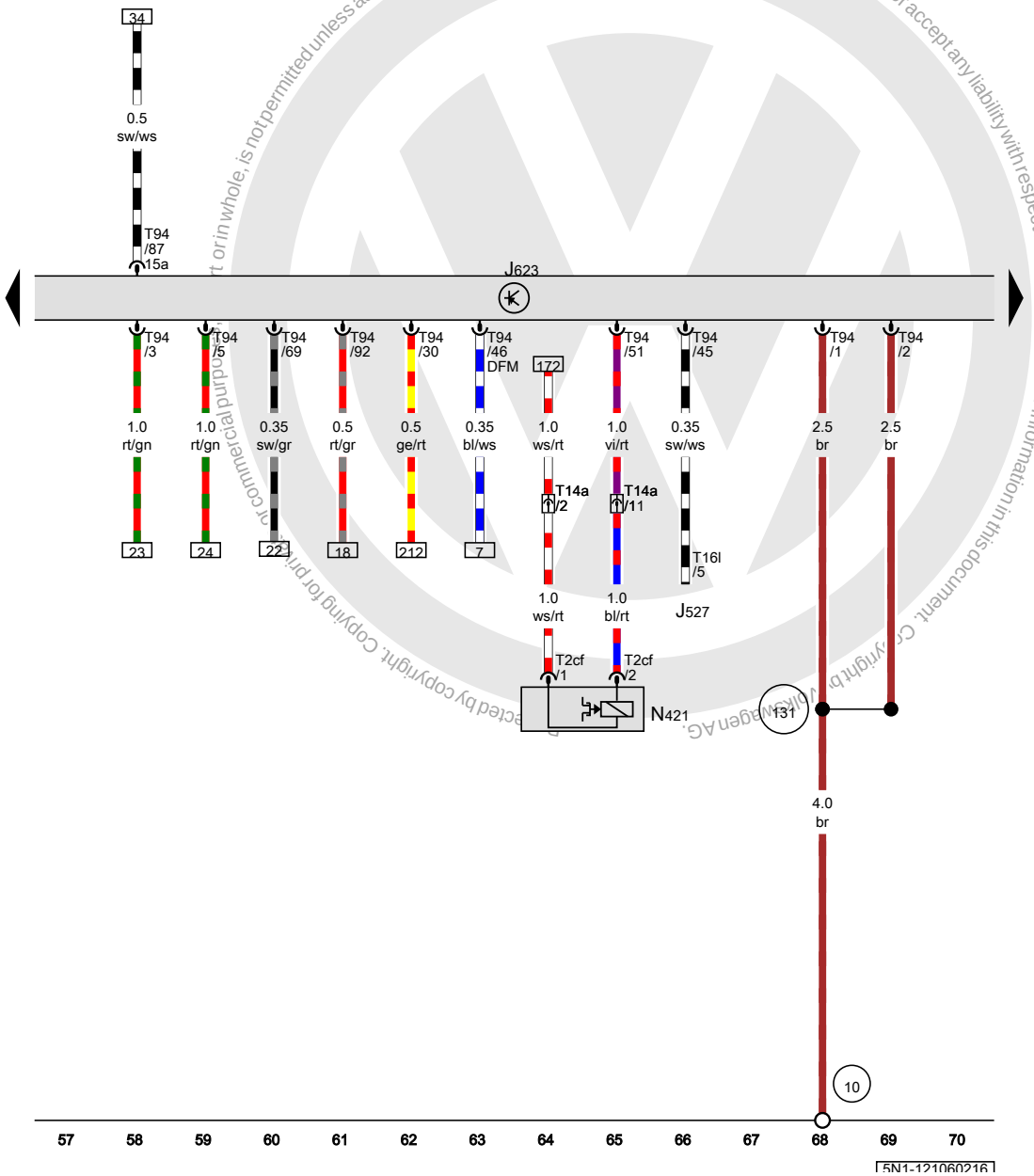


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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T1q	Single connector
T1r	Single connector
T1s	Single connector
T1t	Single connector
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
640	Earth point 2, left in engine compartment
D206	Connection 4 (87a) in engine prewiring harness

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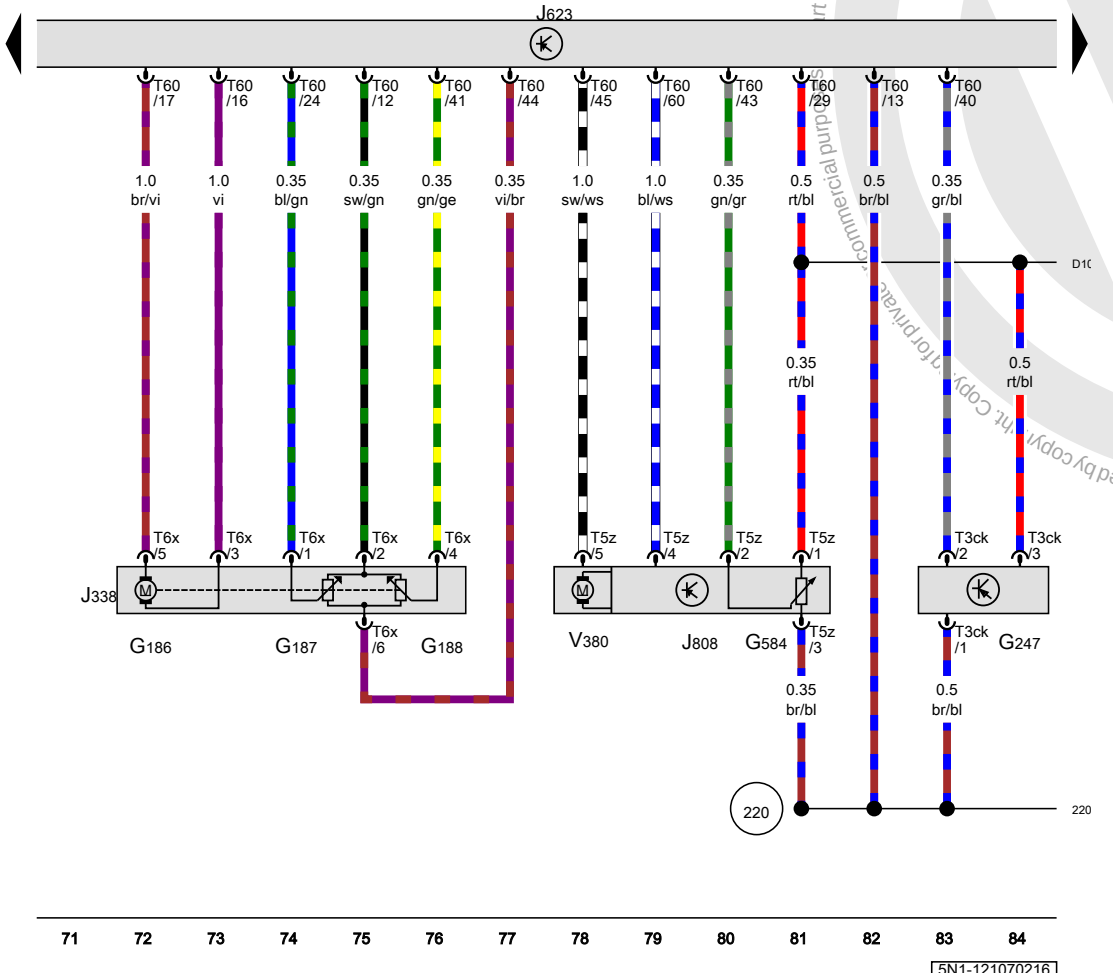
Engine control unit, Magnetic clutch for supercharger

J527	Steering column electronics control unit
J623	Engine control unit
N421	Magnetic clutch for supercharger
T2cf	2-pin connector
T14a	14-pin connector
T16l	16-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness

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Fuel pressure sender, Throttle valve module, Engine control unit, Regulating flap control unit

G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
G584	Regulating flap potentiometer
J338	Throttle valve module
J623	Engine control unit
J808	Regulating flap control unit
T3ck	3-pin connector
T5z	5-pin connector
T6x	6-pin connector
T60	60-pin connector
V380	Regulating flap position control motor
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

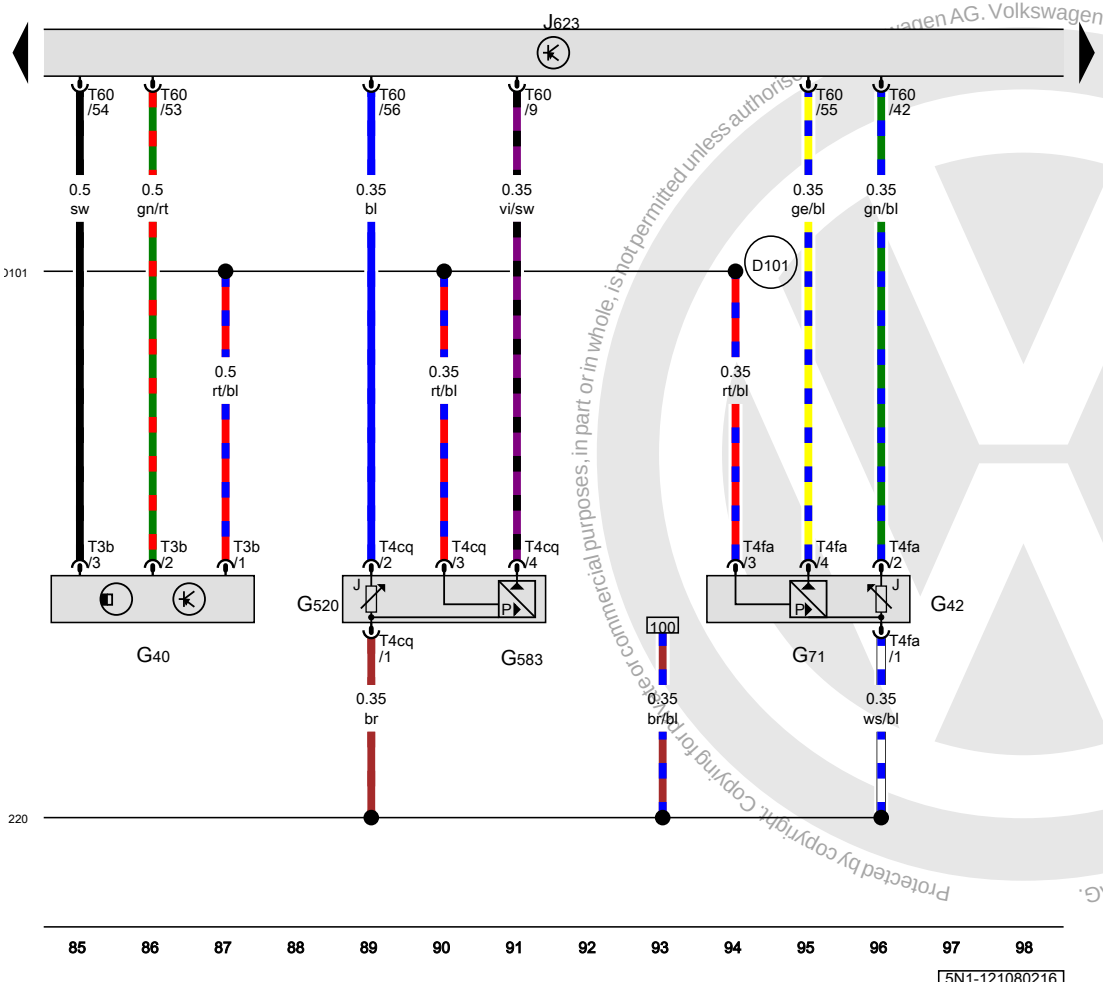


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Intake manifold pressure sender, Intake manifold pressure sender 3, Engine control unit

G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G520	Intake air temperature sender 3
G583	Intake manifold pressure sender 3
J623	Engine control unit
T3b	3-pin connector
T4cq	4-pin connector
T4fa	4-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

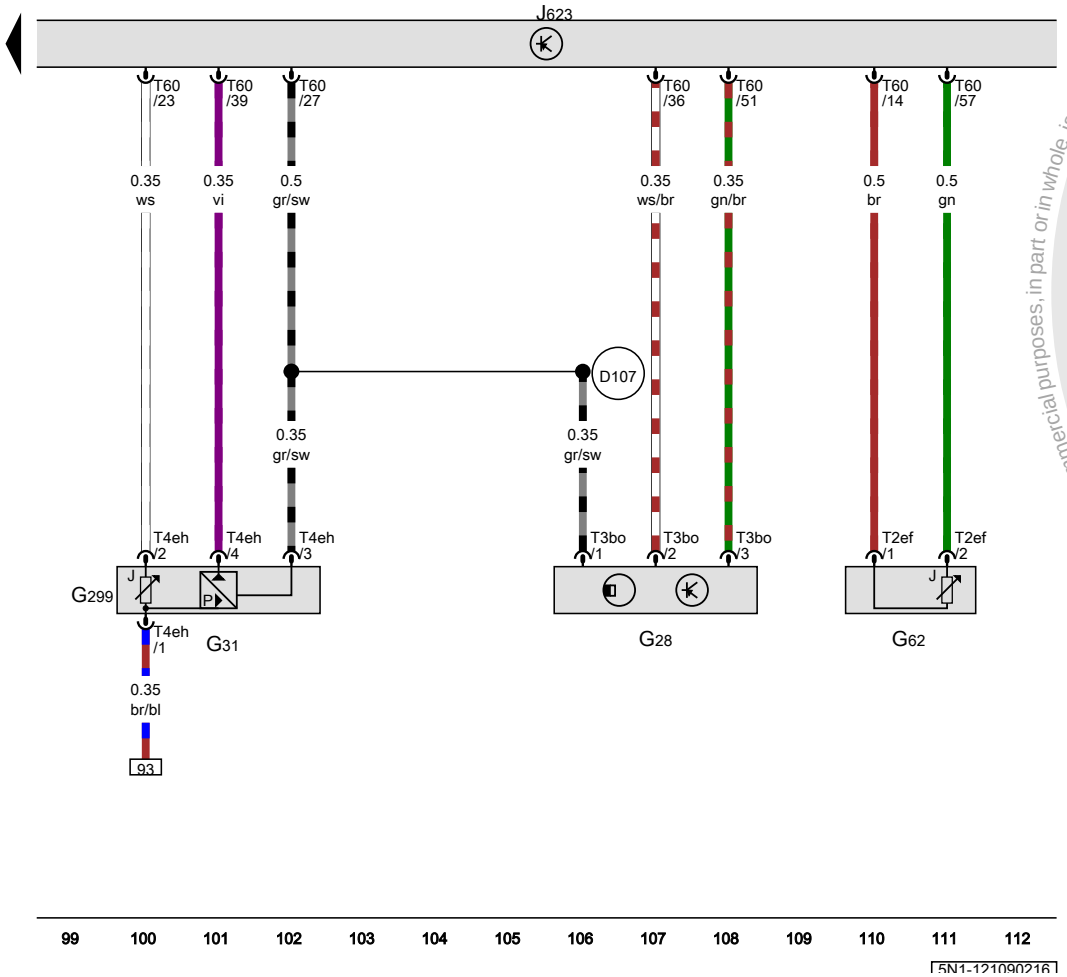


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Engine speed sender, Charge pressure sender, Coolant temperature sender, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G62	Coolant temperature sender
G299	Intake air temperature sender 2
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T4eh	4-pin connector
T60	60-pin connector
D107	Connection 5 in engine compartment wiring harness

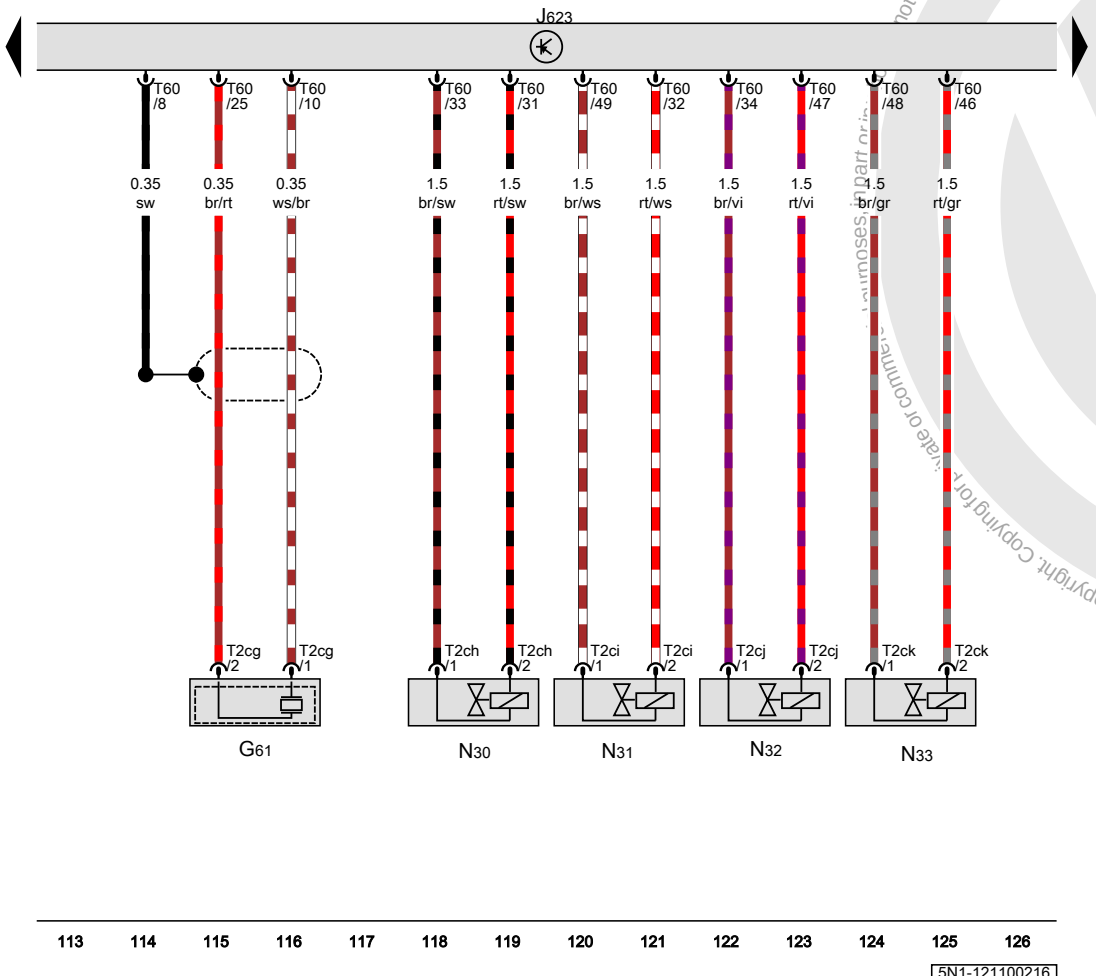


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Knock sensor 1, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G61	Knock sensor 1
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2cg	2-pin connector
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T60	60-pin connector

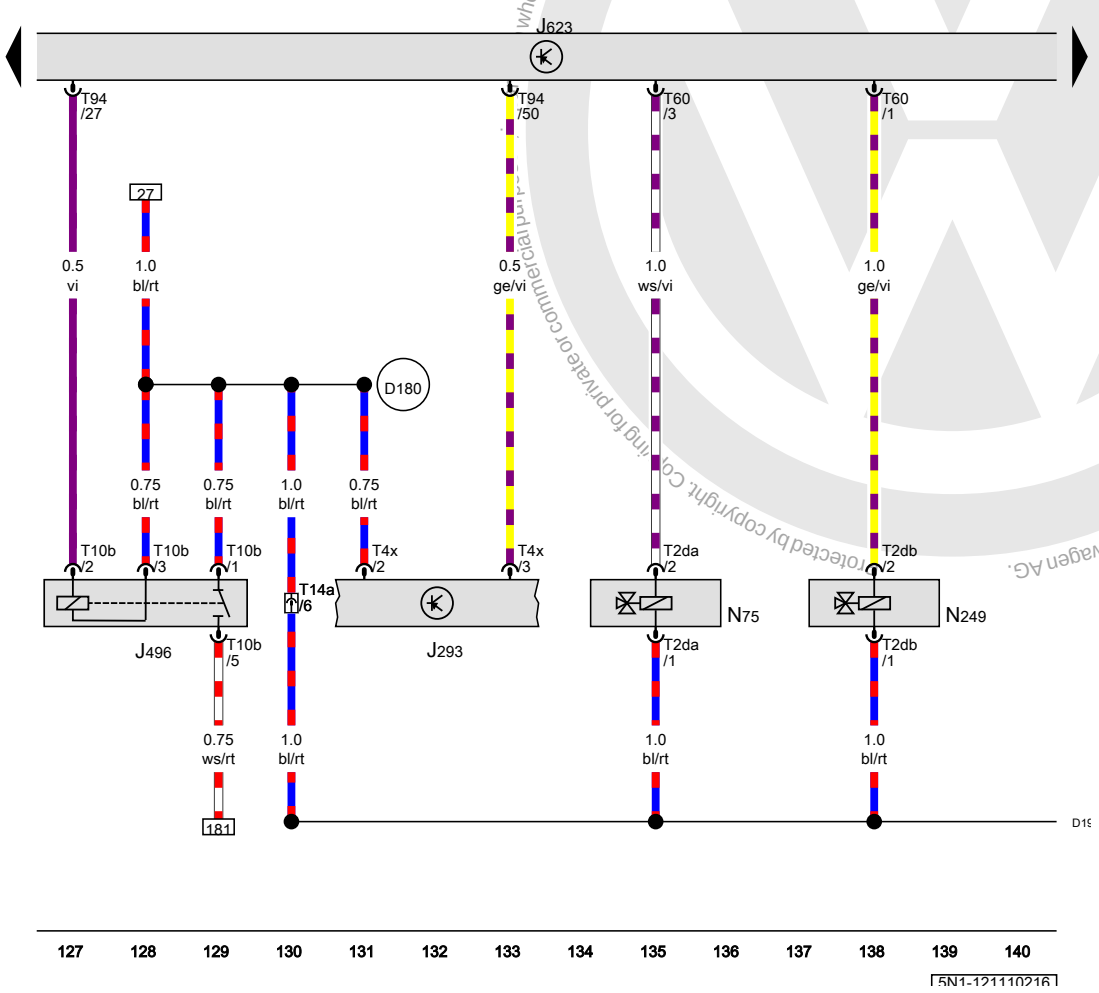


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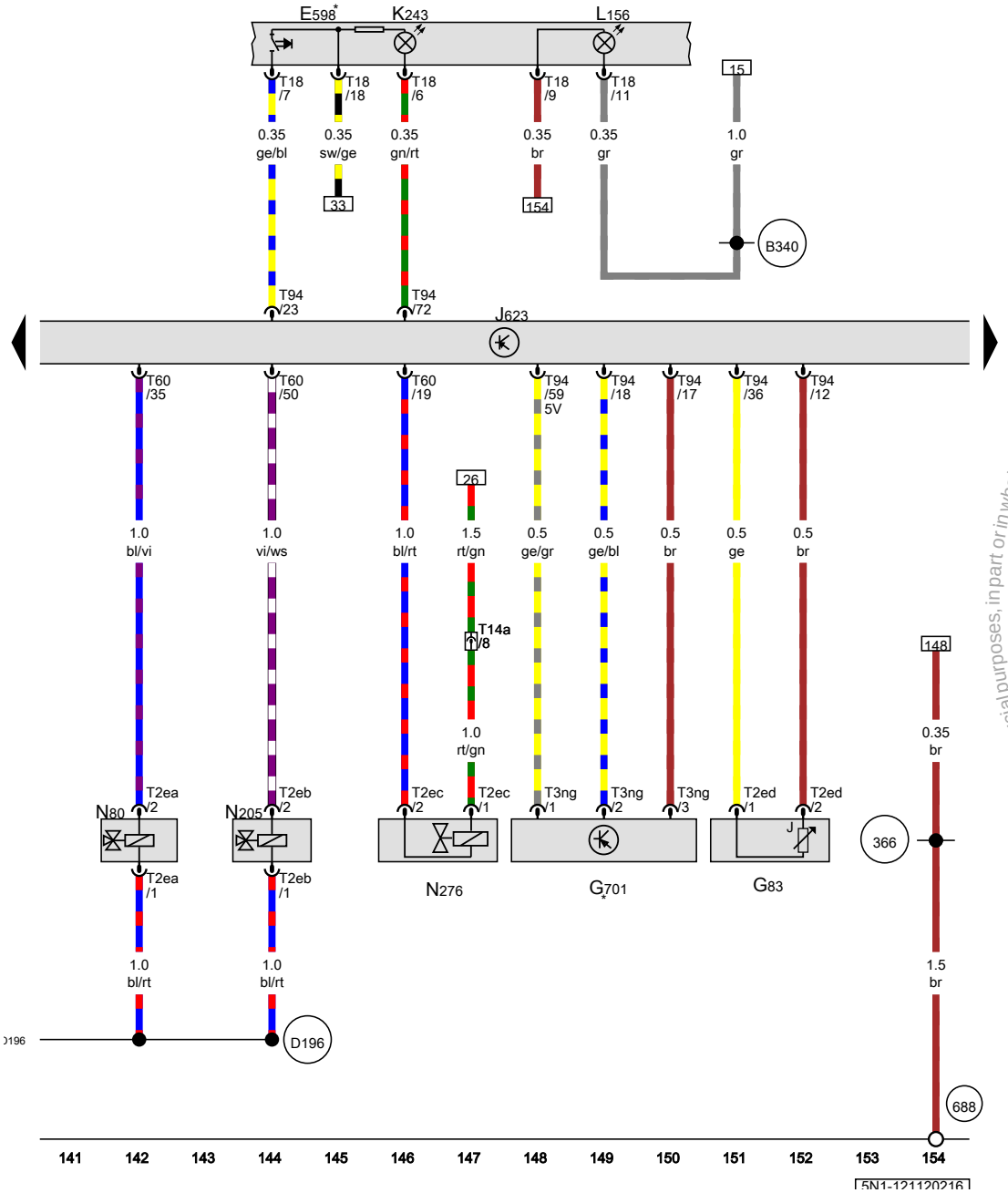
Radiator fan control unit, Additional coolant pump relay, Engine control unit, Charge pressure control solenoid valve, Turbocharger air recirculation valve

J293	Radiator fan control unit
J496	Additional coolant pump relay
J623	Engine control unit
N75	Charge pressure control solenoid valve
N249	Turbocharger air recirculation valve
T2da	2-pin connector
T2db	2-pin connector
T4x	4-pin connector
T10b	10-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness



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Driving program button, Radiator outlet coolant temperature sender, Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve

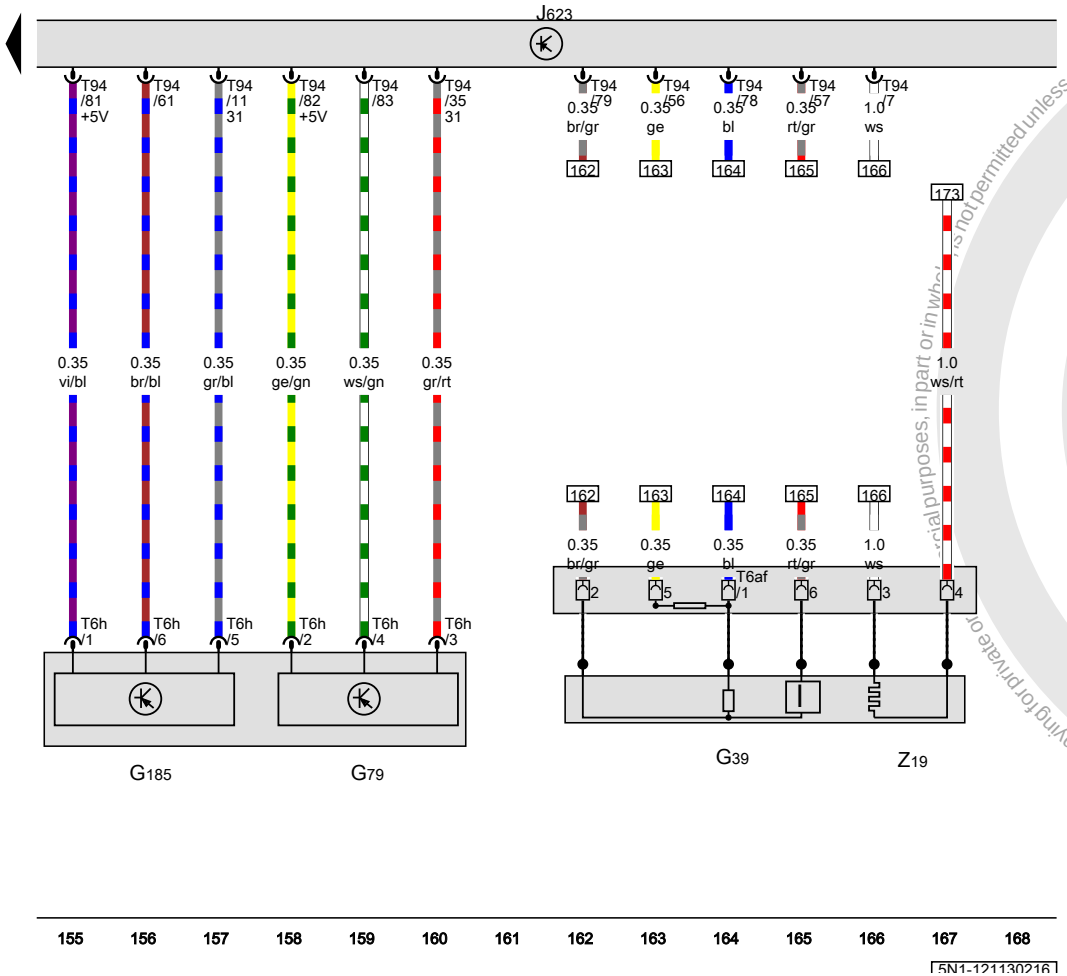
E598	Driving program button
G83	Radiator outlet coolant temperature sender
G701	Gearbox neutral position sender
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
T2ea	2-pin connector
T2eb	2-pin connector
T2ec	2-pin connector
T2ed	2-pin connector
T3ng	3-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine control unit

G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6af	6-pin connector
T6h	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater

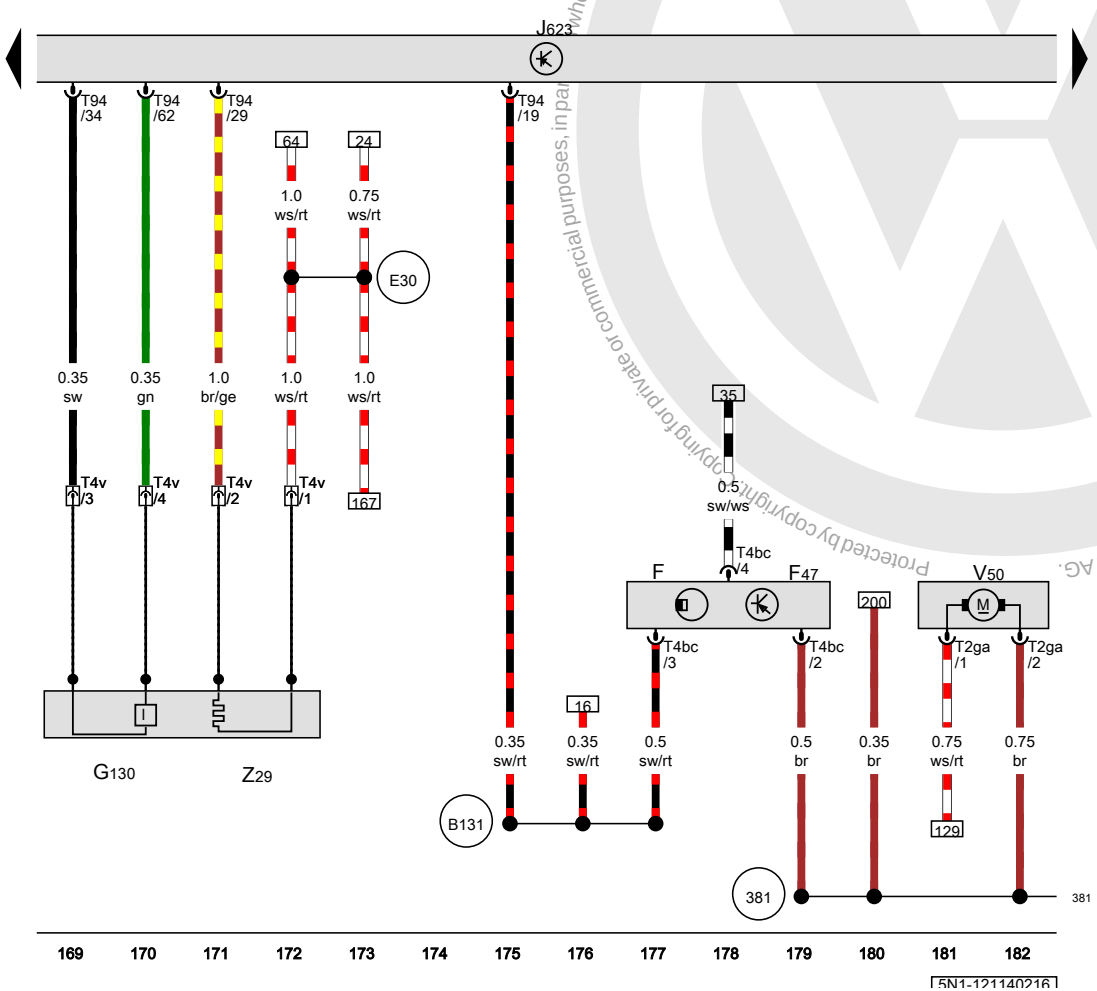


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Brake light switch, Lambda probe after catalytic converter, Engine control unit, Coolant circulation pump

F	Brake light switch
F47	Brake pedal switch
G130	Lambda probe after catalytic converter
J623	Engine control unit
T2ga	2-pin connector
T4bc	4-pin connector
T4v	4-pin connector
T94	94-pin connector
V50	Coolant circulation pump
Z29	Lambda probe 1 heater after catalytic converter
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness
E30	Connection (87a), in engine wiring harness

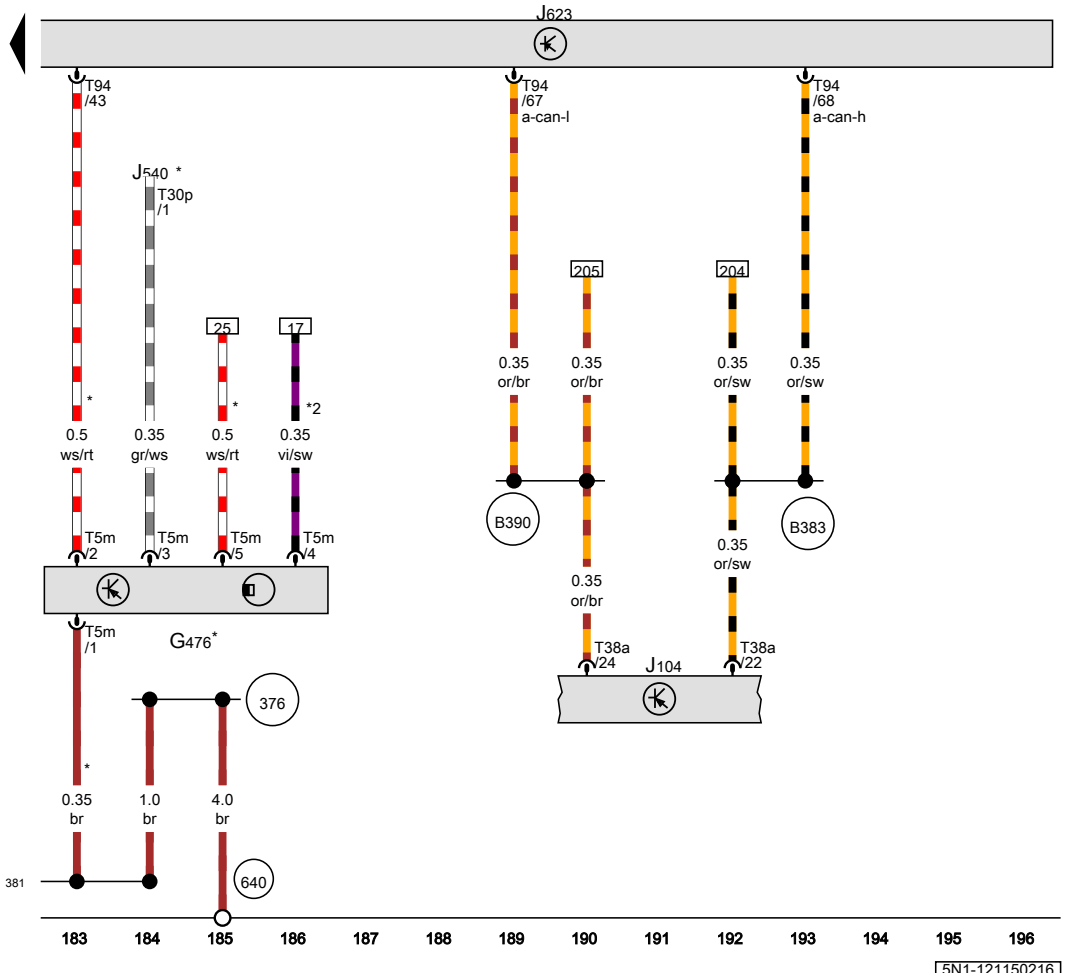


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Clutch position sender, Engine control unit

G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5m	5-pin connector
T30p	30-pin connector
T38a	38-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only for American markets

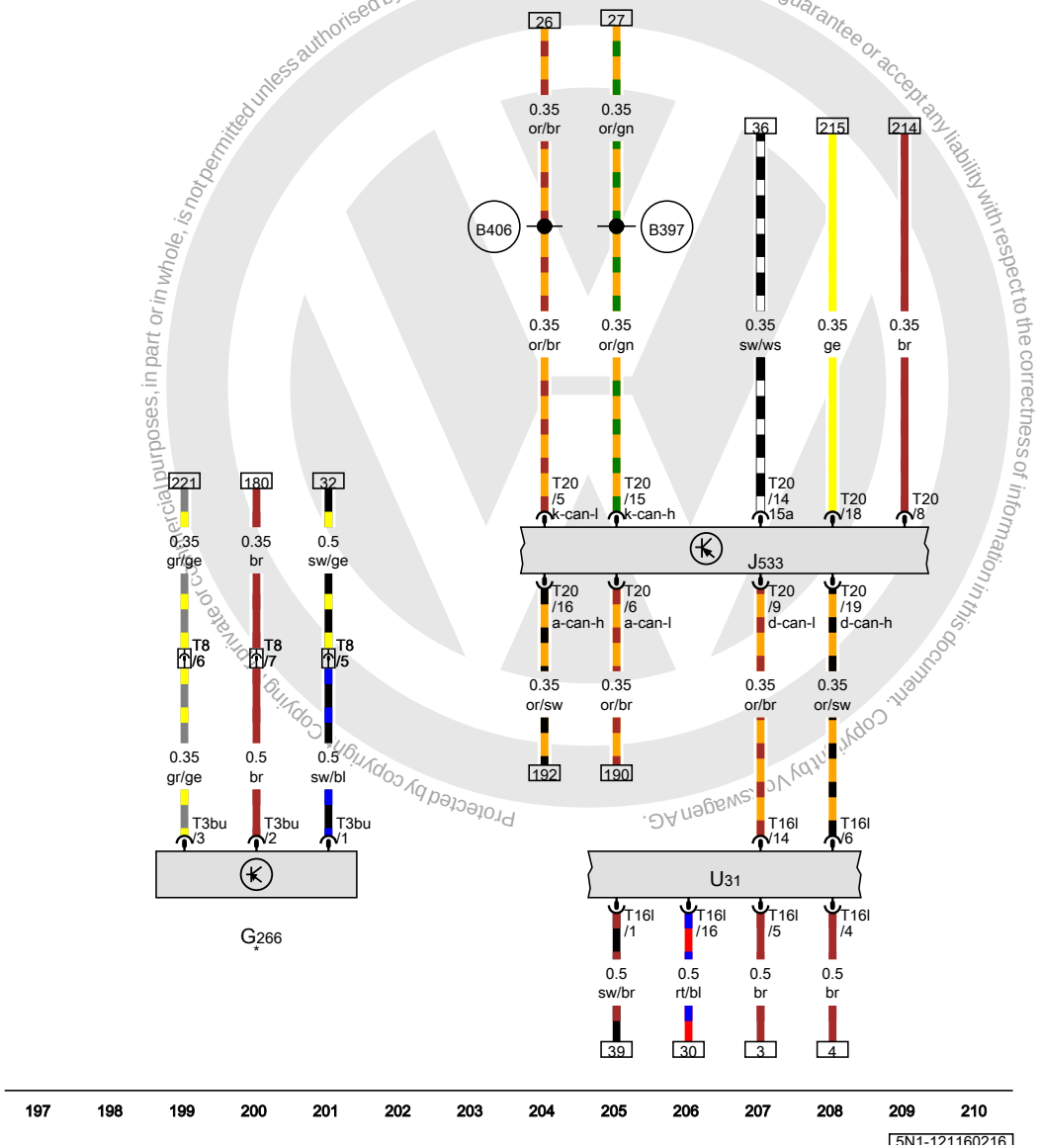


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Oil level and oil temperature sender, Data bus diagnostic interface, Diagnostic connection

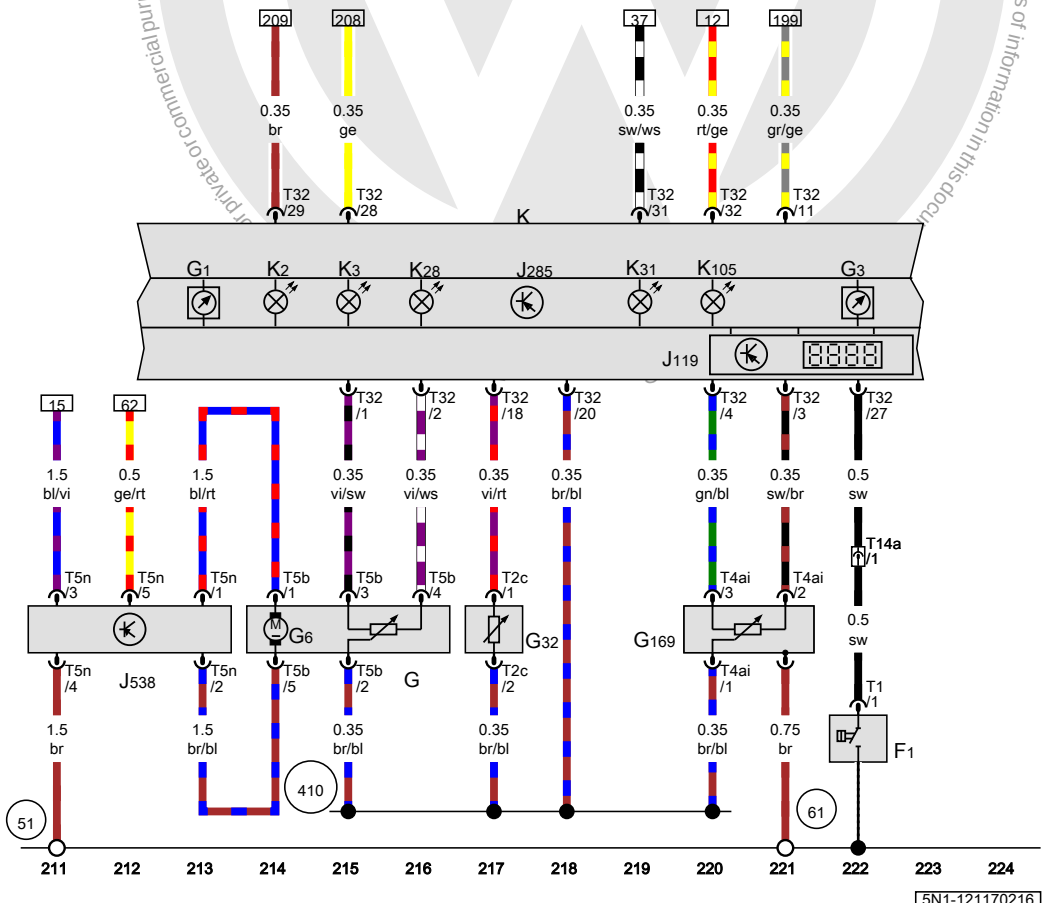
G266	Oil level and oil temperature sender
J533	Data bus diagnostic interface
T3bu	3-pin connector
T8	8-pin connector
T16l	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

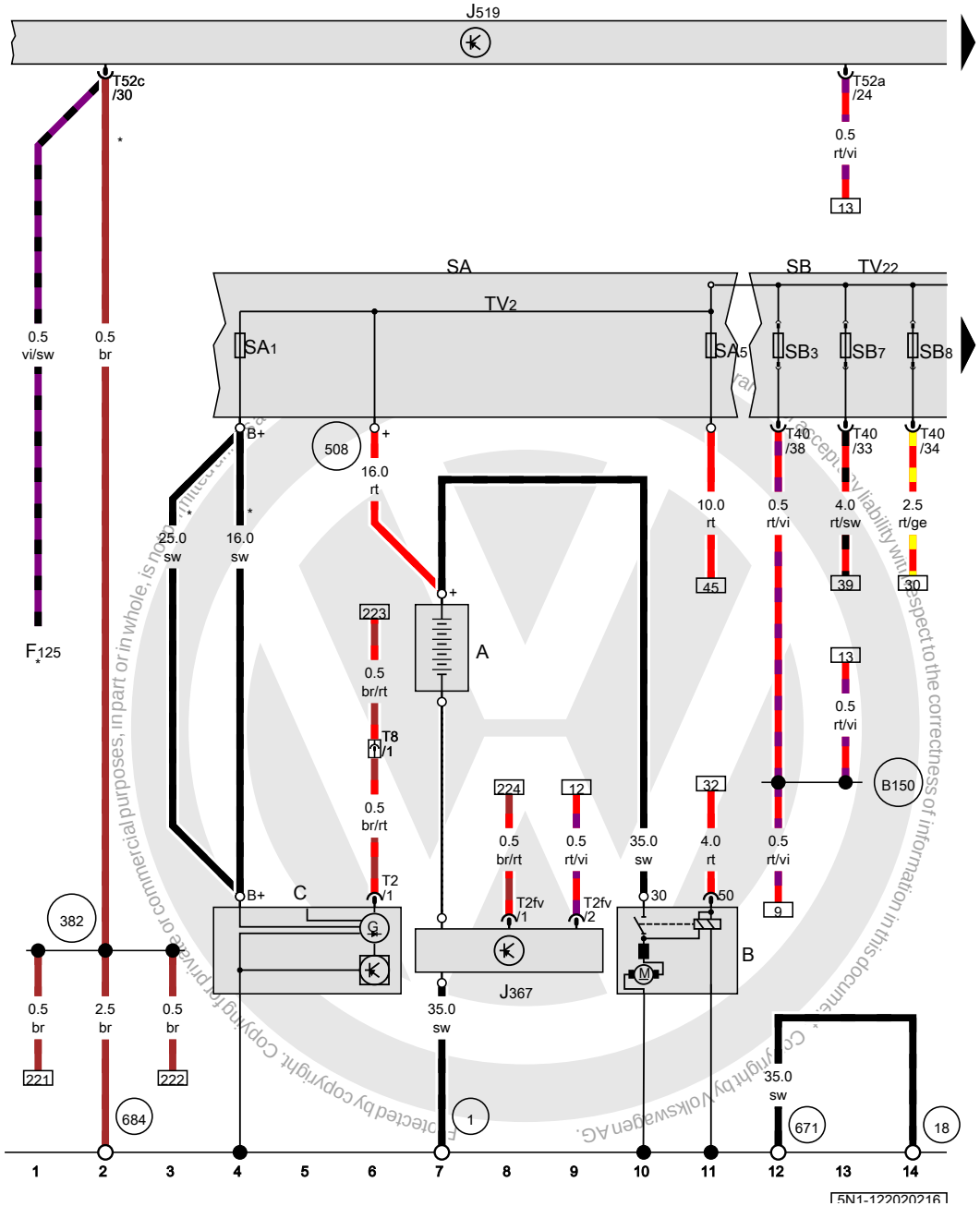
F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T1	Single connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness

1.4l petrol engine with start/stop system , CAVA

From May 2010

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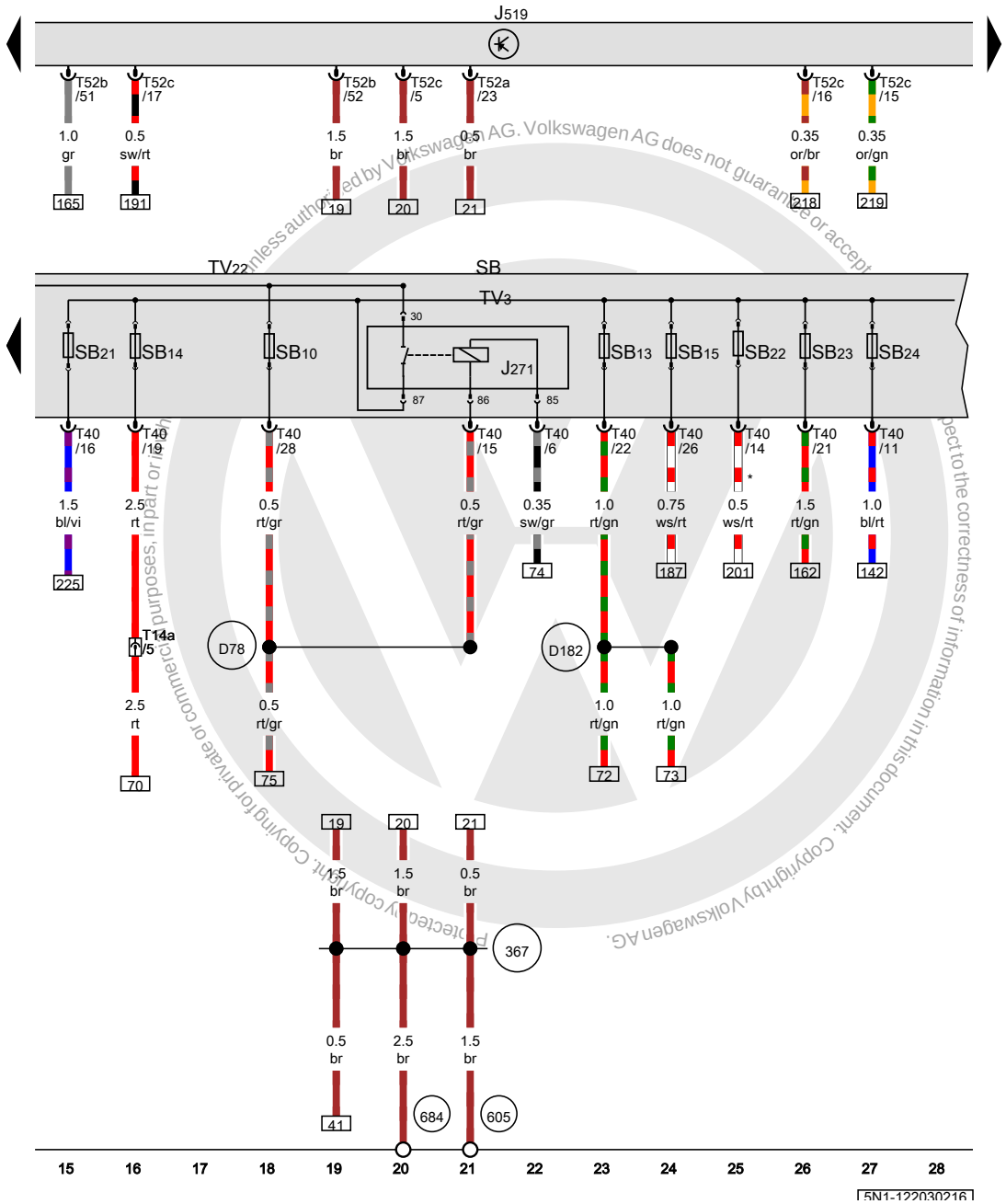
Battery, Starter, Alternator, Battery monitor control unit, Onboard supply control unit, Fuse holder A, Fuse holder B



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J367	Battery monitor control unit
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SB3	Fuse 3 on fuse holder B
SA5	Fuse 5 on fuse holder A
SB	Fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T2	2-pin connector
T2fv	2-pin connector
T8	8-pin connector
T40	40-pin connector
T52a	52-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
B150	Positive connection 2 (30a), in interior wiring harness
*	According to equipment

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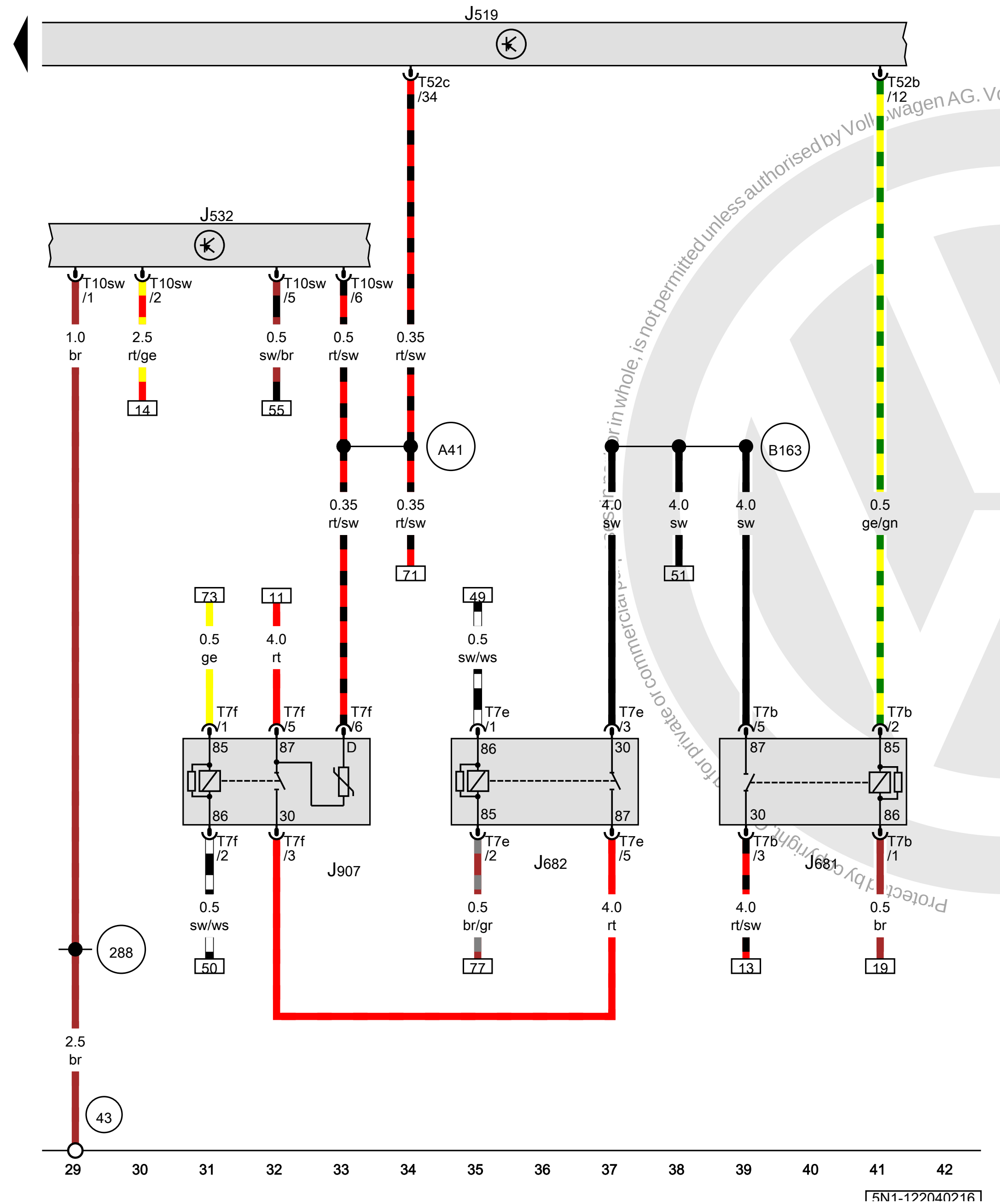
Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Only models with manual gearbox

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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Starter relay 2



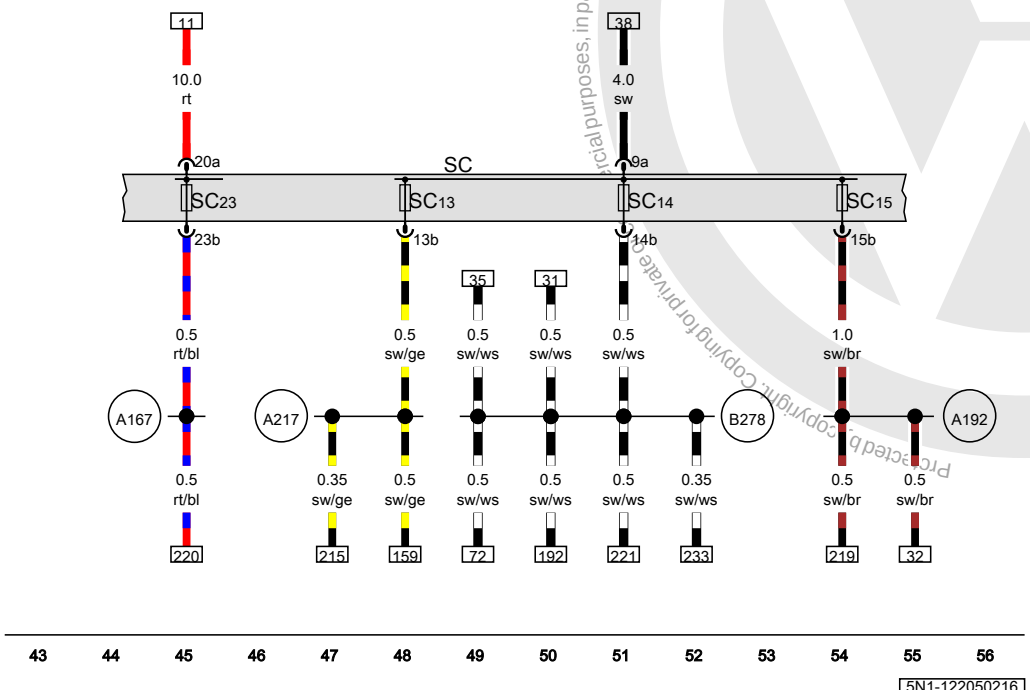
J519		Onboard supply control unit
J532		Voltage stabiliser
J681		Terminal 15 voltage supply relay 2
J682		Terminal 50 voltage supply relay
J907		Starter relay 2
T7b		7-pin connector
T7e		7-pin connector
T7f		7-pin connector
T10sw		10-pin connector
T52b		52-pin connector
T52c		52-pin connector
43		Earth point, lower part of right A-pillar
288		Earth connection (HRC), in dash panel wiring harness
A41		Positive connection (50), in dash panel wiring harness
B163		Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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Fuse holder C

SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness



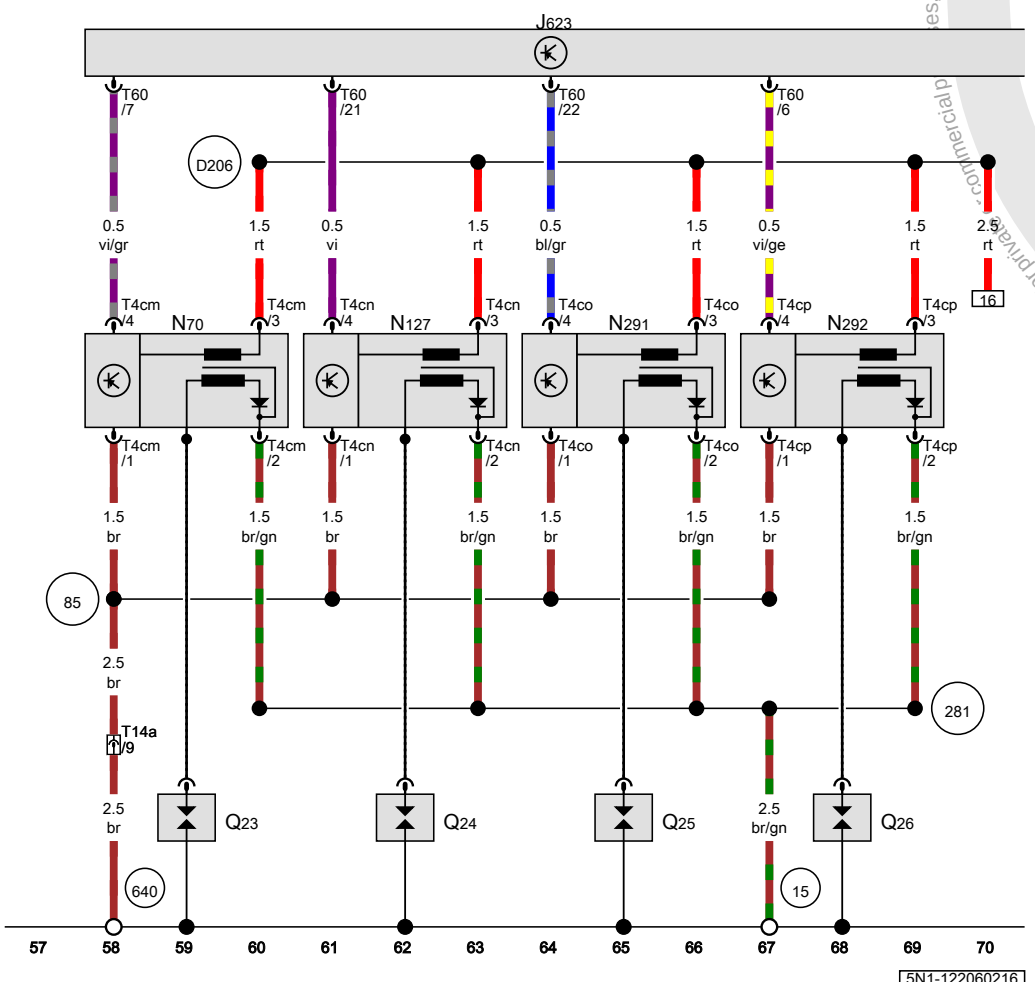
ws = white
sw = black
ro = red
rt = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

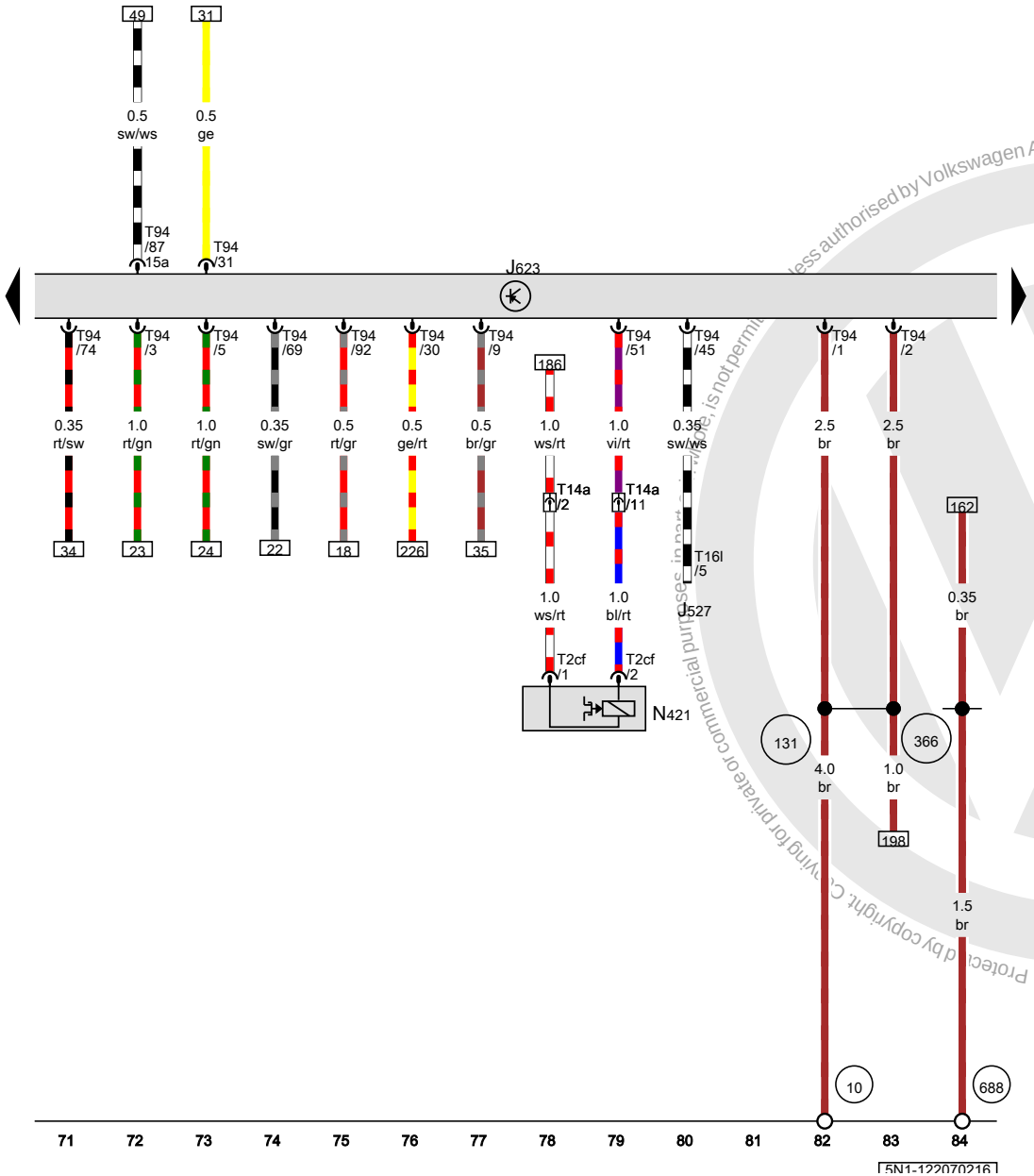
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
640	Earth point 2, left in engine compartment
D206	Connection 4 (87a) in engine prewiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine control unit, Magnetic clutch for supercharger

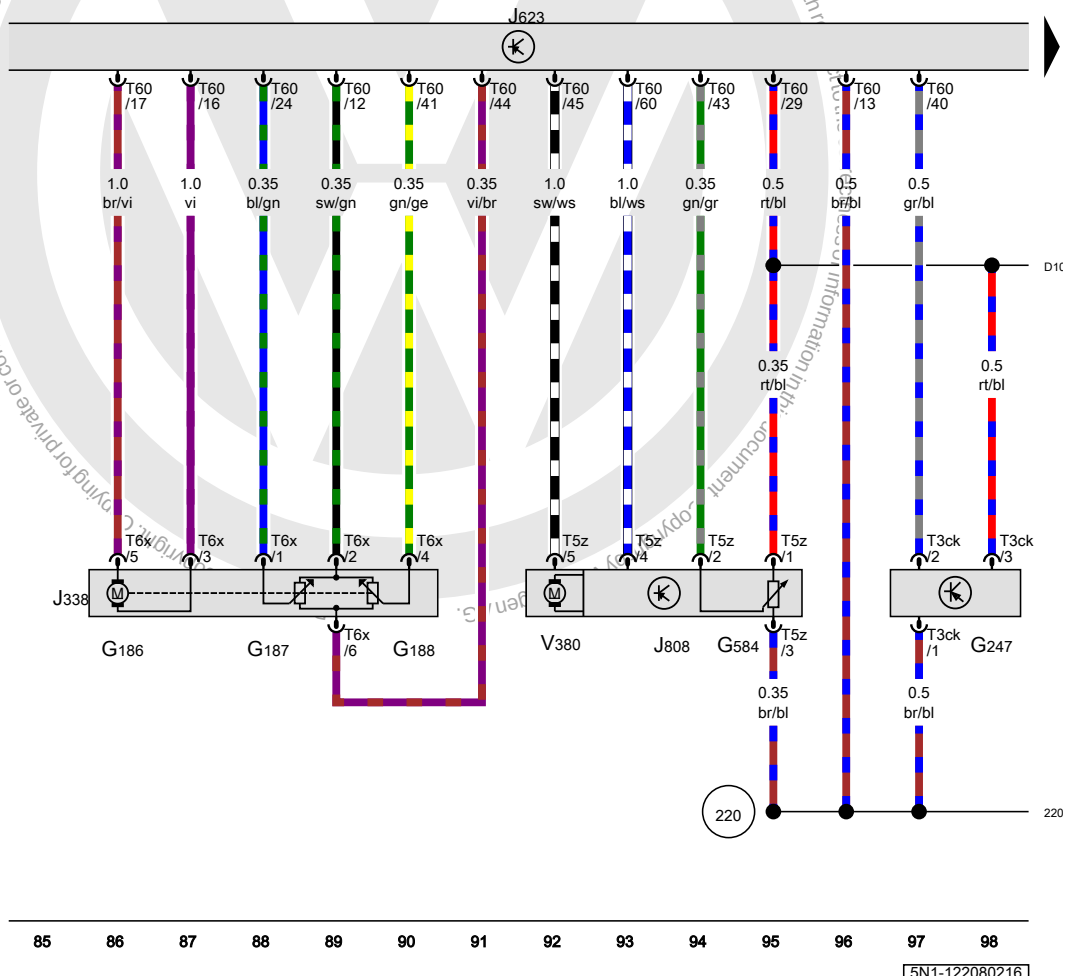
J527	Steering column electronics control unit
J623	Engine control unit
N421	Magnetic clutch for supercharger
T2cf	2-pin connector
T14a	14-pin connector
T16l	16-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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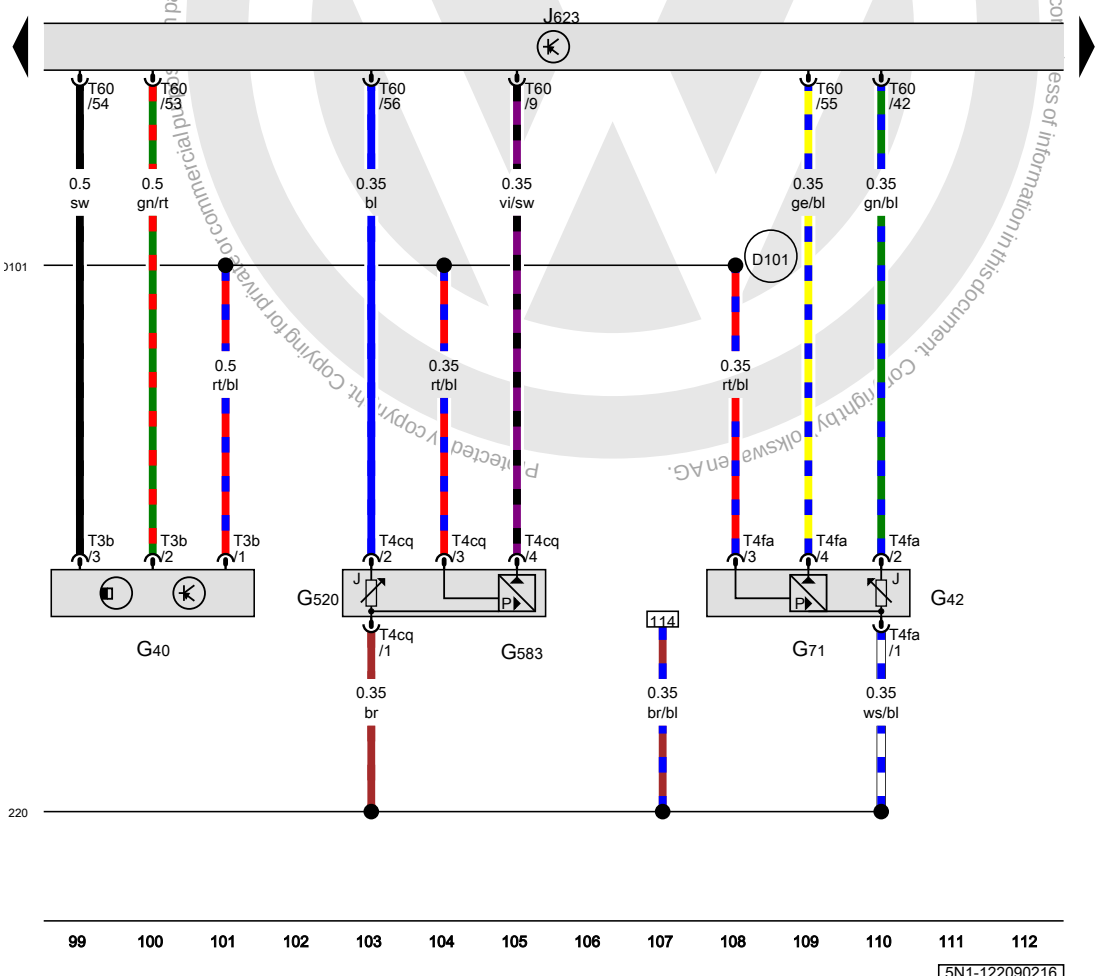


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rt = red
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Fuel pressure sender, Throttle valve module, Engine control unit, Regulating flap control unit

G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
G584	Regulating flap potentiometer
J338	Throttle valve module
J623	Engine control unit
J808	Regulating flap control unit
T3ck	3-pin connector
T5z	5-pin connector
T6x	6-pin connector
T60	60-pin connector
V380	Regulating flap position control motor
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

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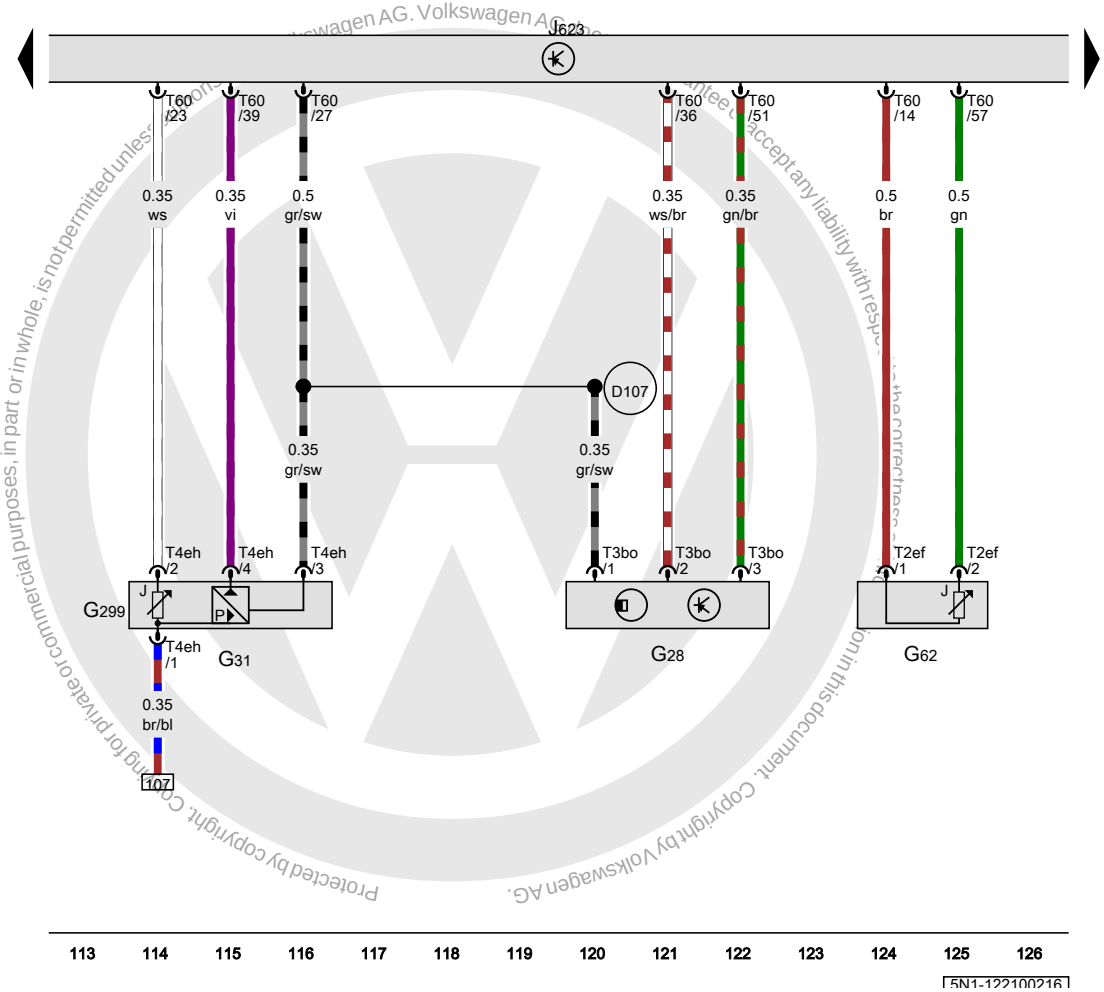
Intake manifold pressure sender, Intake manifold pressure sender 3, Engine control unit

G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G520	Intake air temperature sender 3
G583	Intake manifold pressure sender 3
J623	Engine control unit
T3b	3-pin connector
T4cq	4-pin connector
T4fa	4-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

Engine speed sender, Charge pressure sender, Coolant temperature sender, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G62	Coolant temperature sender
G299	Intake air temperature sender 2
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T4eh	4-pin connector
T60	60-pin connector
D107	Connection 5 in engine compartment wiring harness

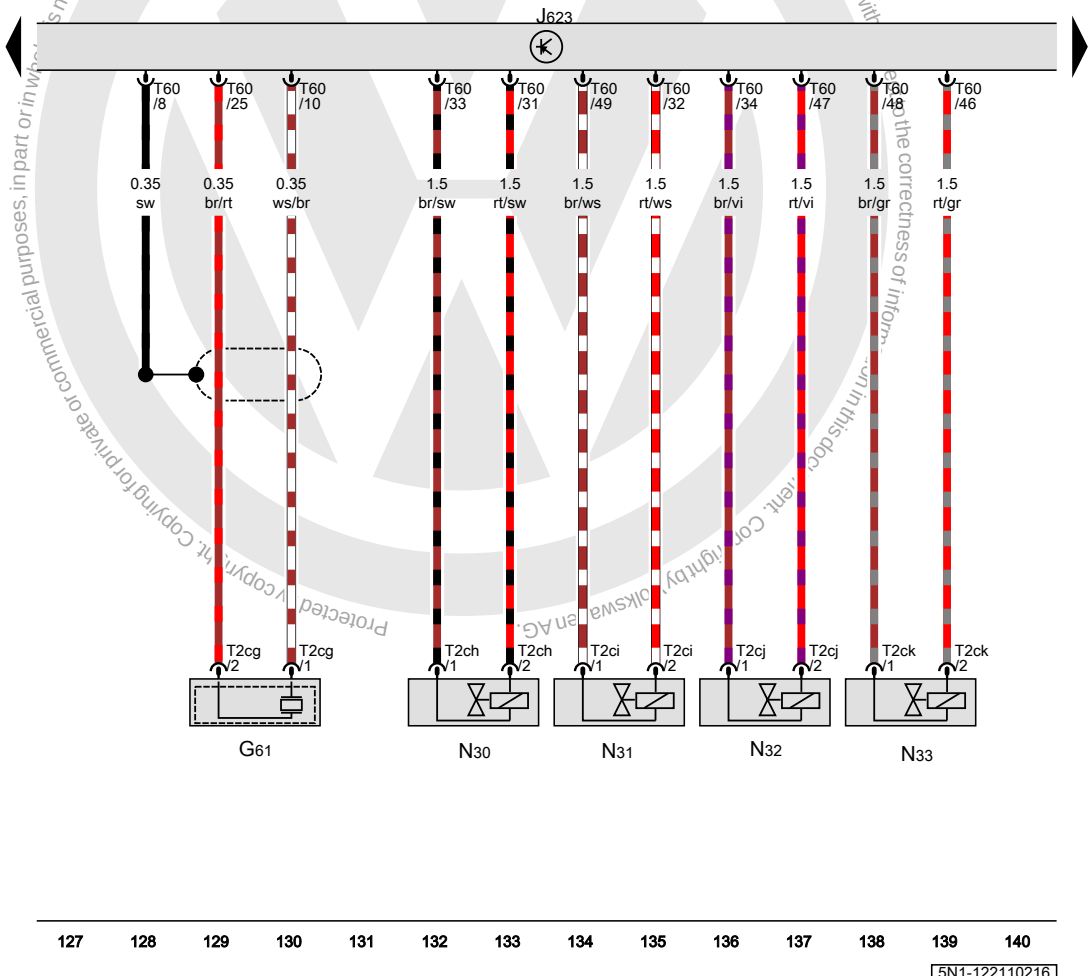


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Knock sensor 1, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G61	Knock sensor 1
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2cg	2-pin connector
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T60	60-pin connector

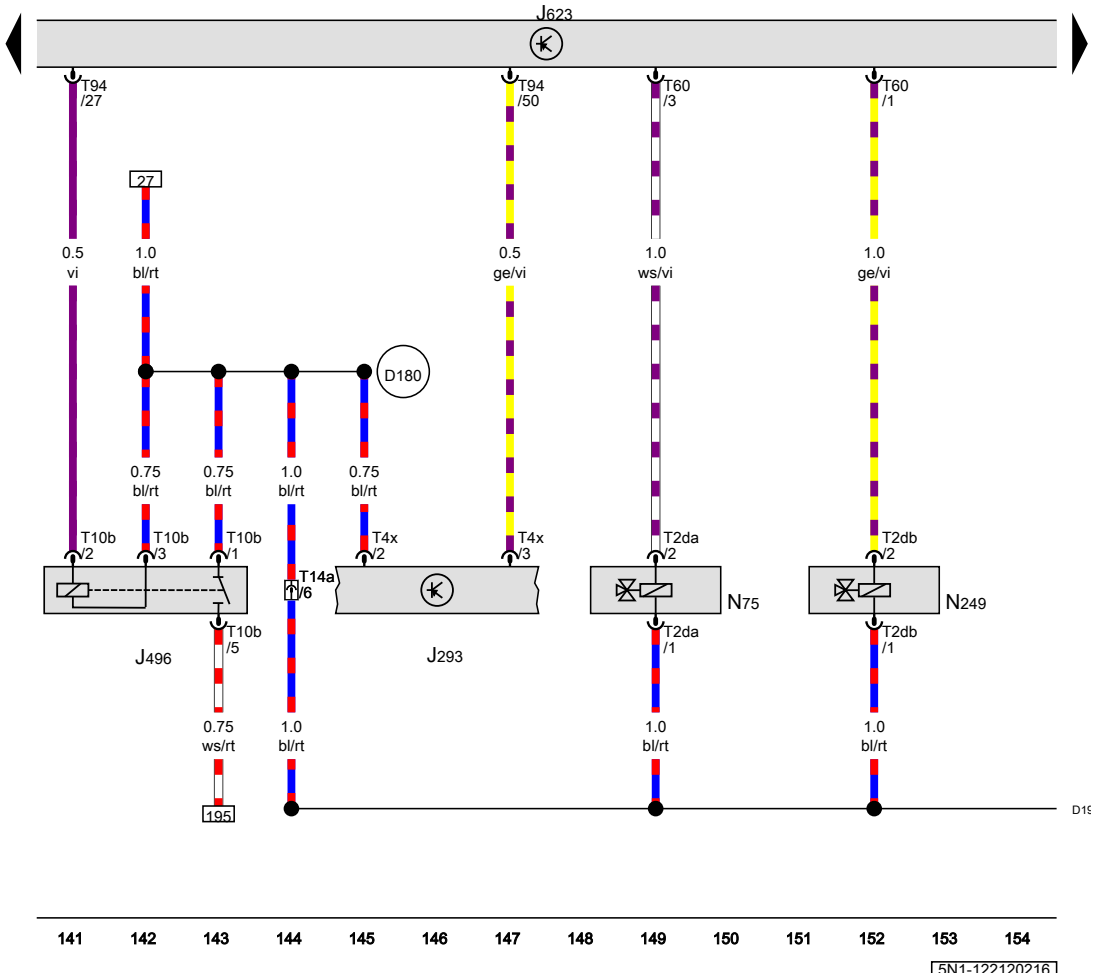


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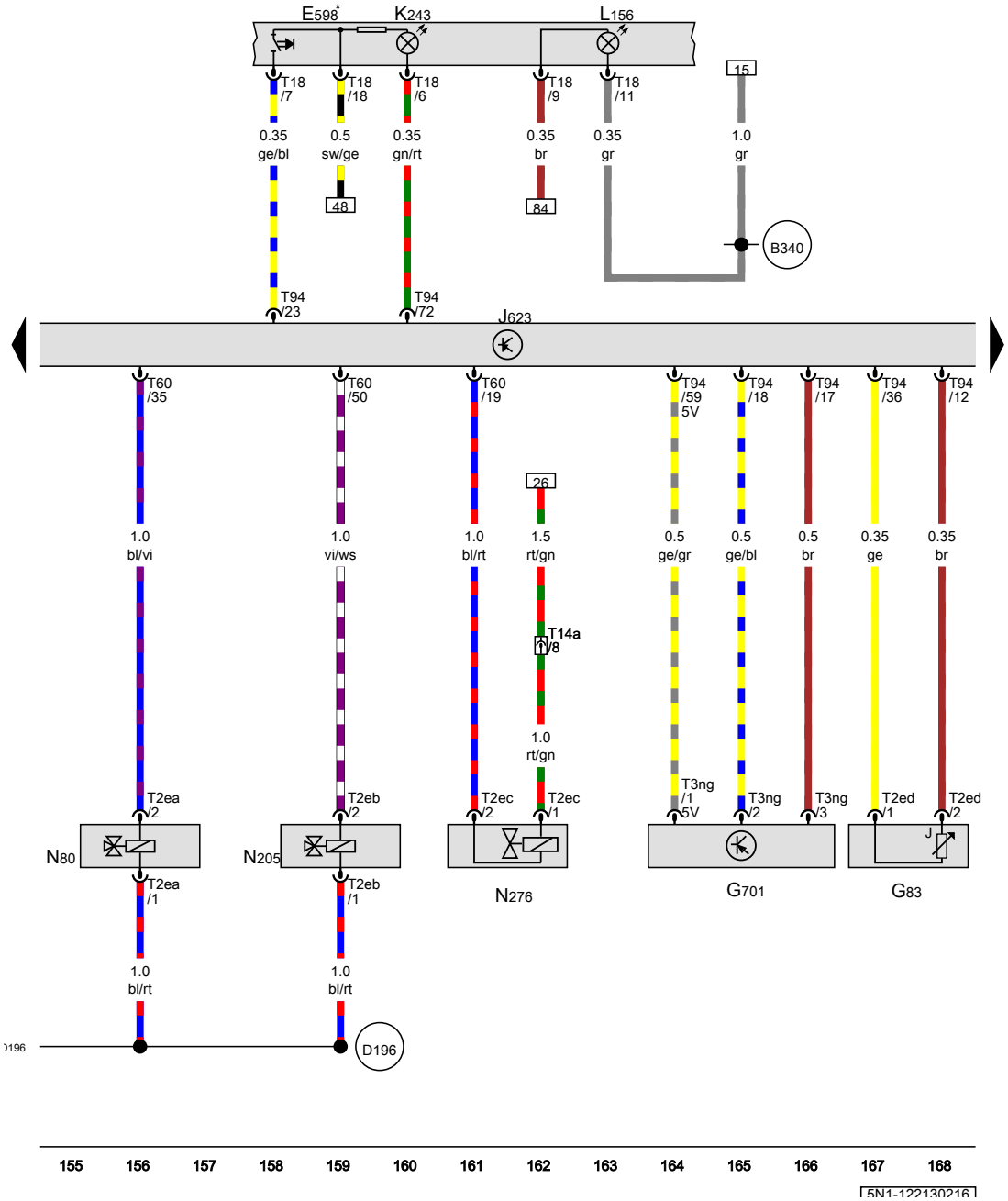
Radiator fan control unit, Additional coolant pump relay, Engine control unit, Charge pressure control solenoid valve, Turbocharger air recirculation valve

J293	Radiator fan control unit
J496	Additional coolant pump relay
J623	Engine control unit
N75	Charge pressure control solenoid valve
N249	Turbocharger air recirculation valve
T2da	2-pin connector
T2db	2-pin connector
T4x	4-pin connector
T10b	10-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Radiator outlet coolant temperature sender, Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve

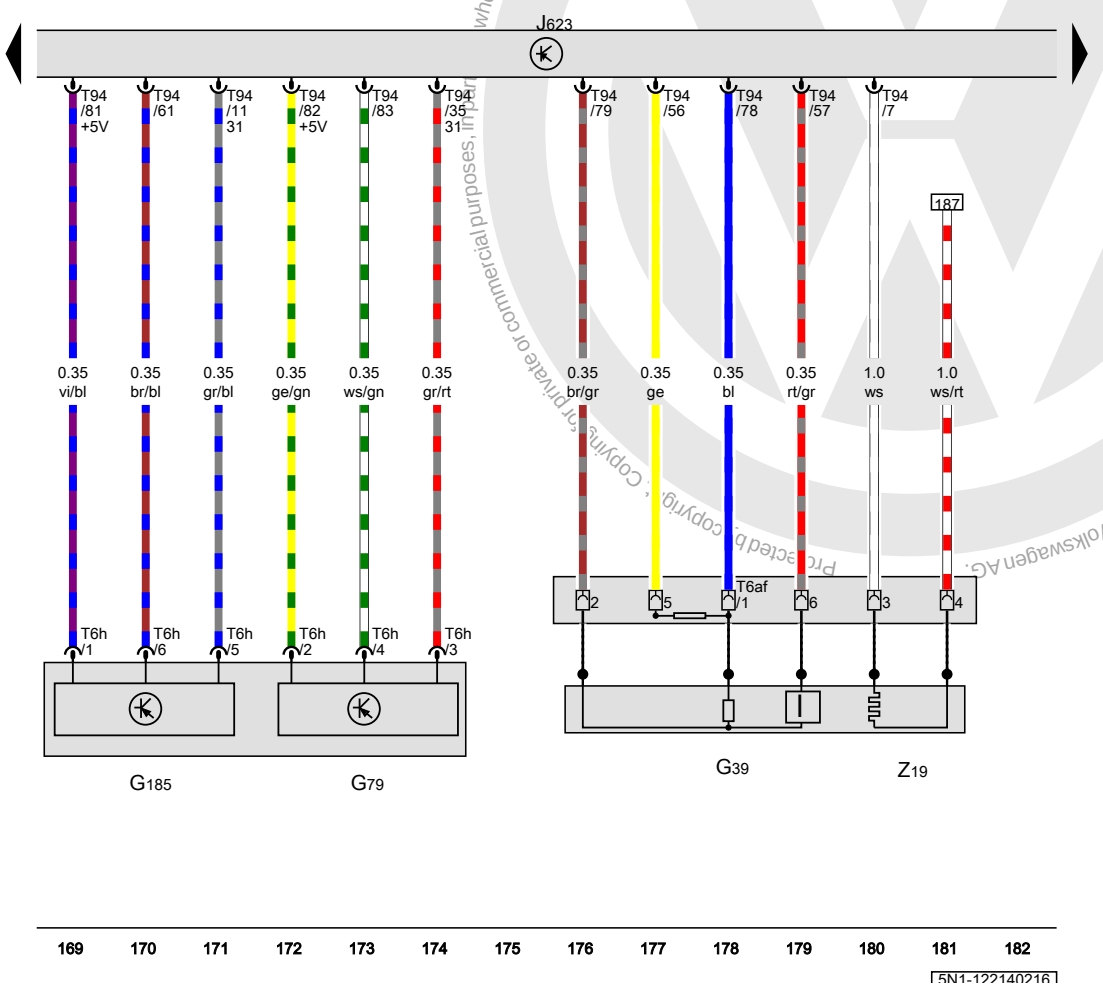
E598	Driving program button
G83	Radiator outlet coolant temperature sender
G701	Gearbox neutral position sender
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
T2ea	2-pin connector
T2eb	2-pin connector
T2ec	2-pin connector
T2ed	2-pin connector
T3ng	3-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
B340	Connection 1 (58d), in main wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine control unit

G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6af	6-pin connector
T6h	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater

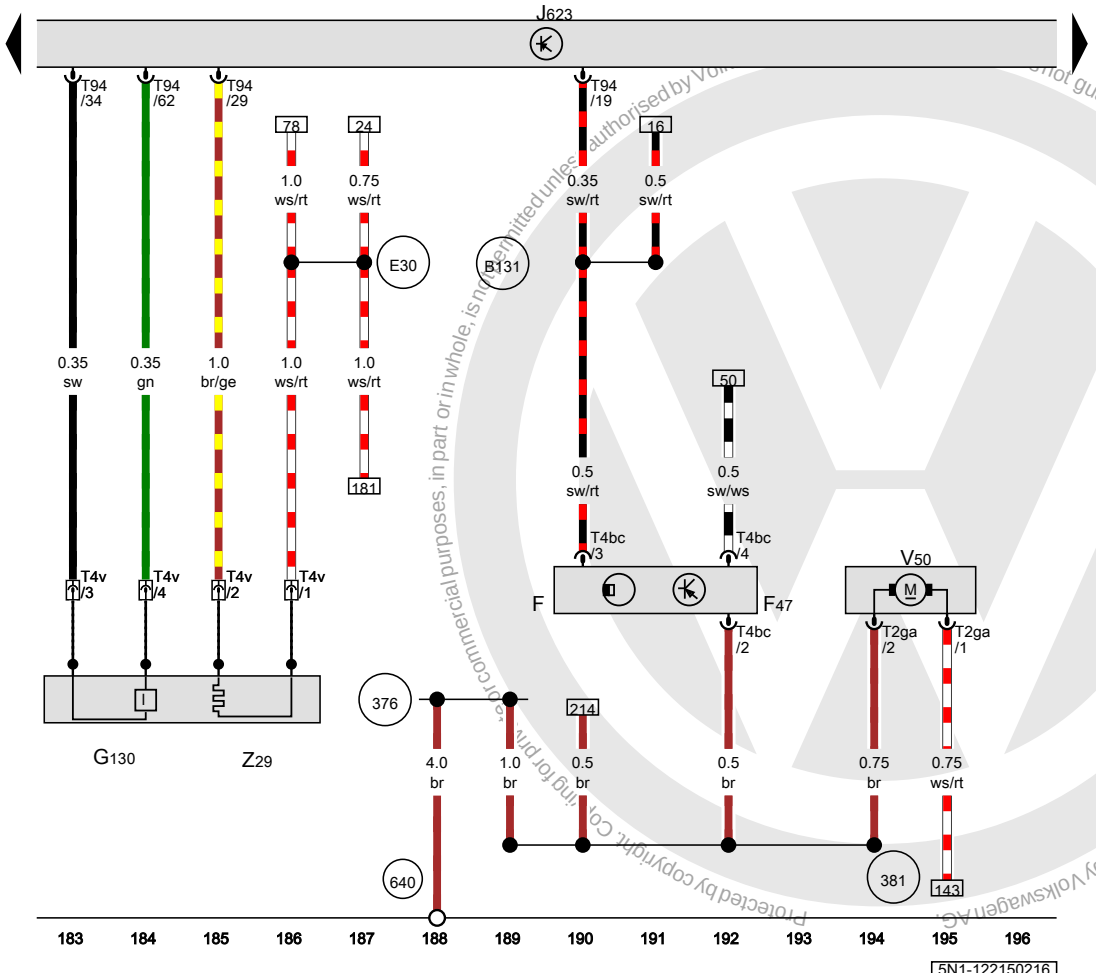


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Brake light switch, Lambda probe after catalytic converter, Engine control unit, Coolant circulation pump

F	Brake light switch
F47	Brake pedal switch
G130	Lambda probe after catalytic converter
J623	Engine control unit
T2ga	2-pin connector
T4bc	4-pin connector
T4v	4-pin connector
T94	94-pin connector
V50	Coolant circulation pump
Z29	Lambda probe 1 heater after catalytic converter
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B131	Connection (54), in interior wiring harness
E30	Connection (87a), in engine wiring harness

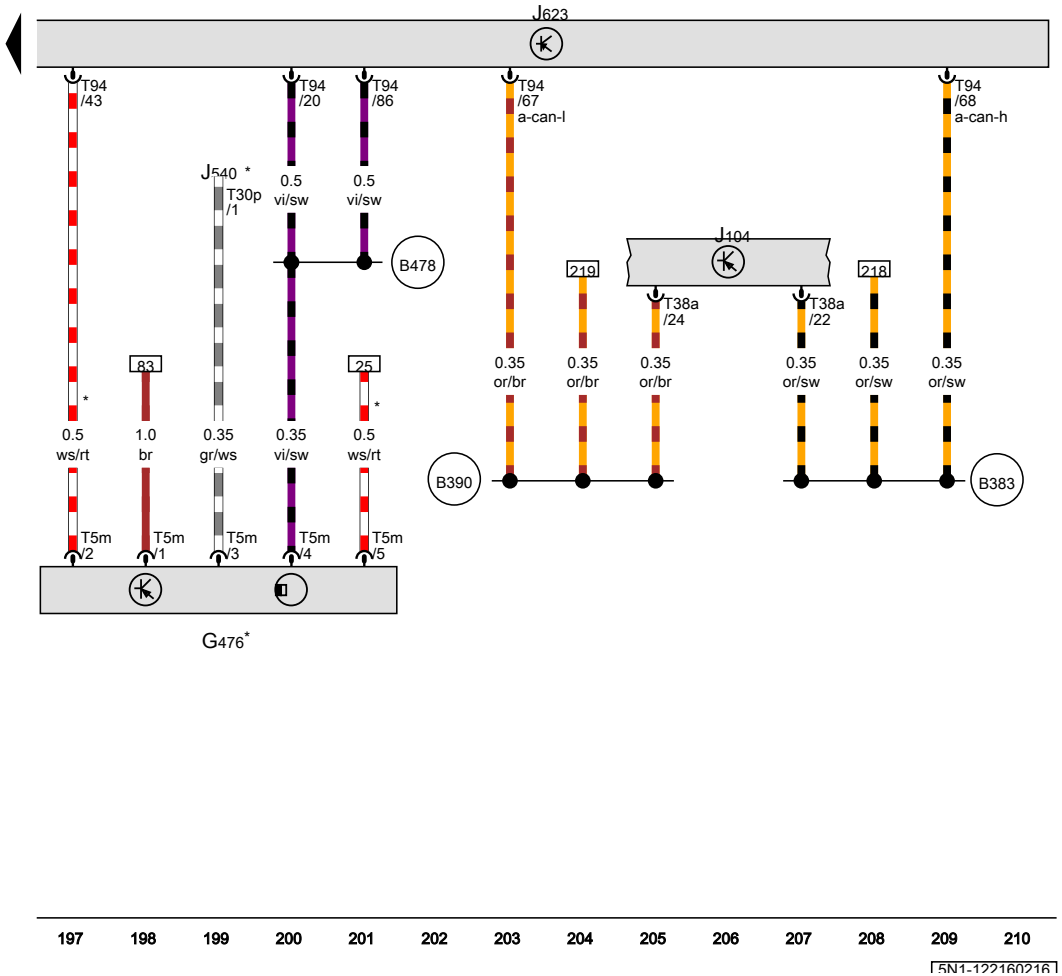


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Clutch position sender, Engine control unit

G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5m	5-pin connector
T30p	30-pin connector
T38a	38-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B478	Connection 14, in main wiring harness
*	Only models with manual gearbox

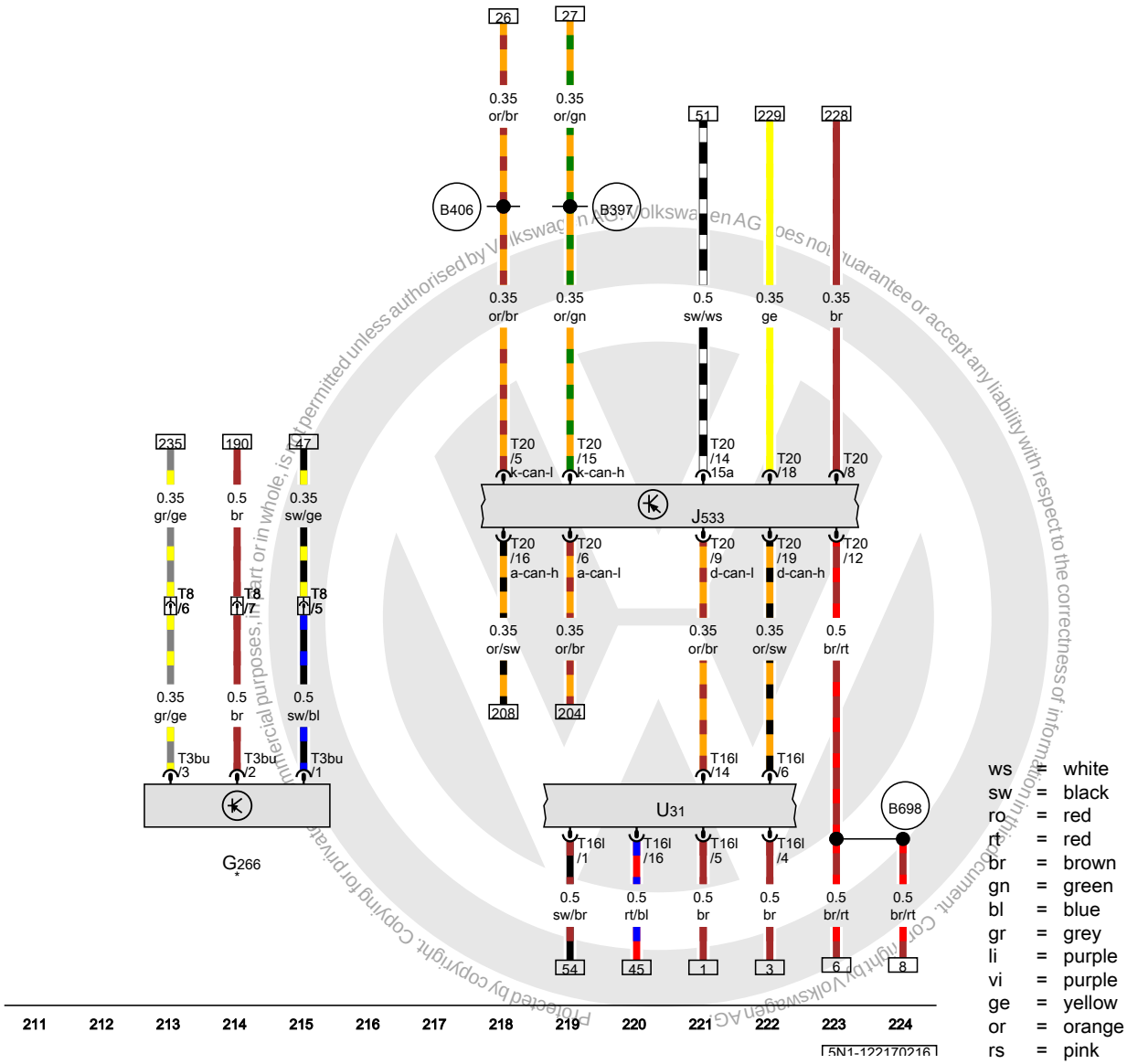


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Oil level and oil temperature sender, Data bus diagnostic interface, Diagnostic connection

G266	Oil level and oil temperature sender
J533	Data bus diagnostic interface
T3bu	3-pin connector
T8	8-pin connector
T16l	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	According to equipment



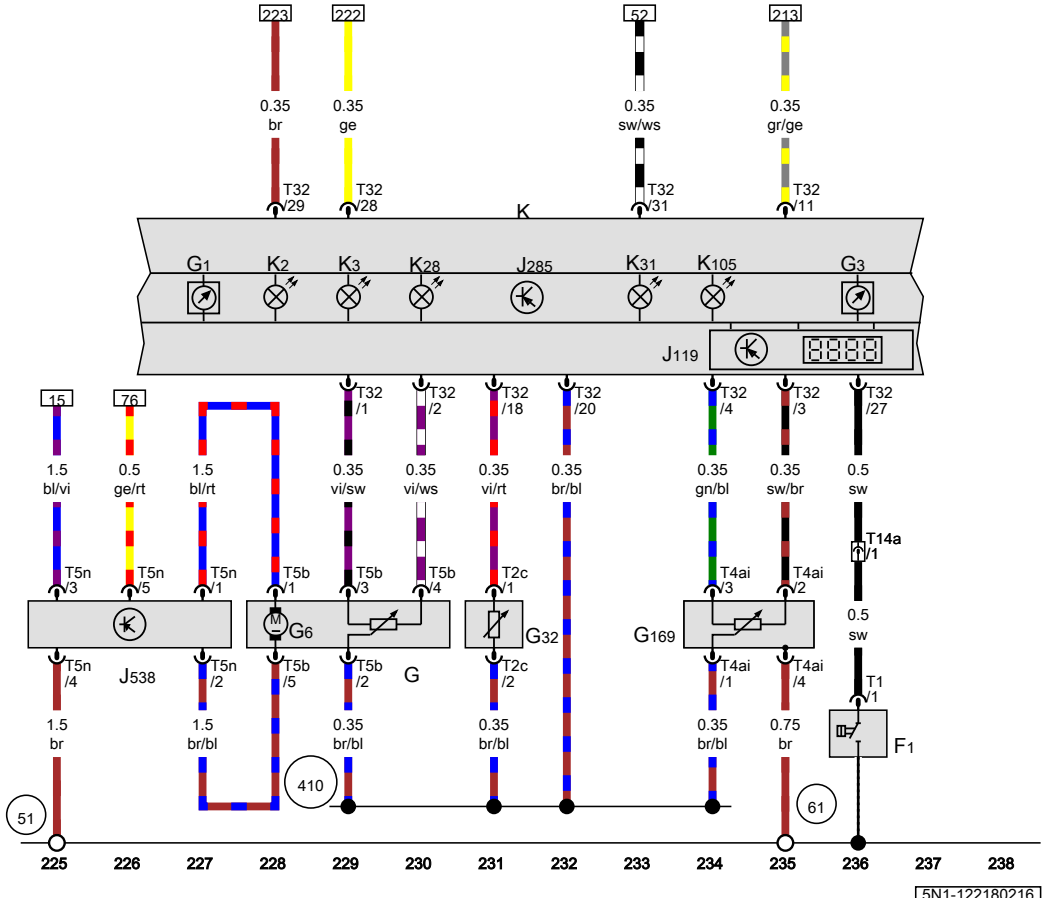
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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T1	Single connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness

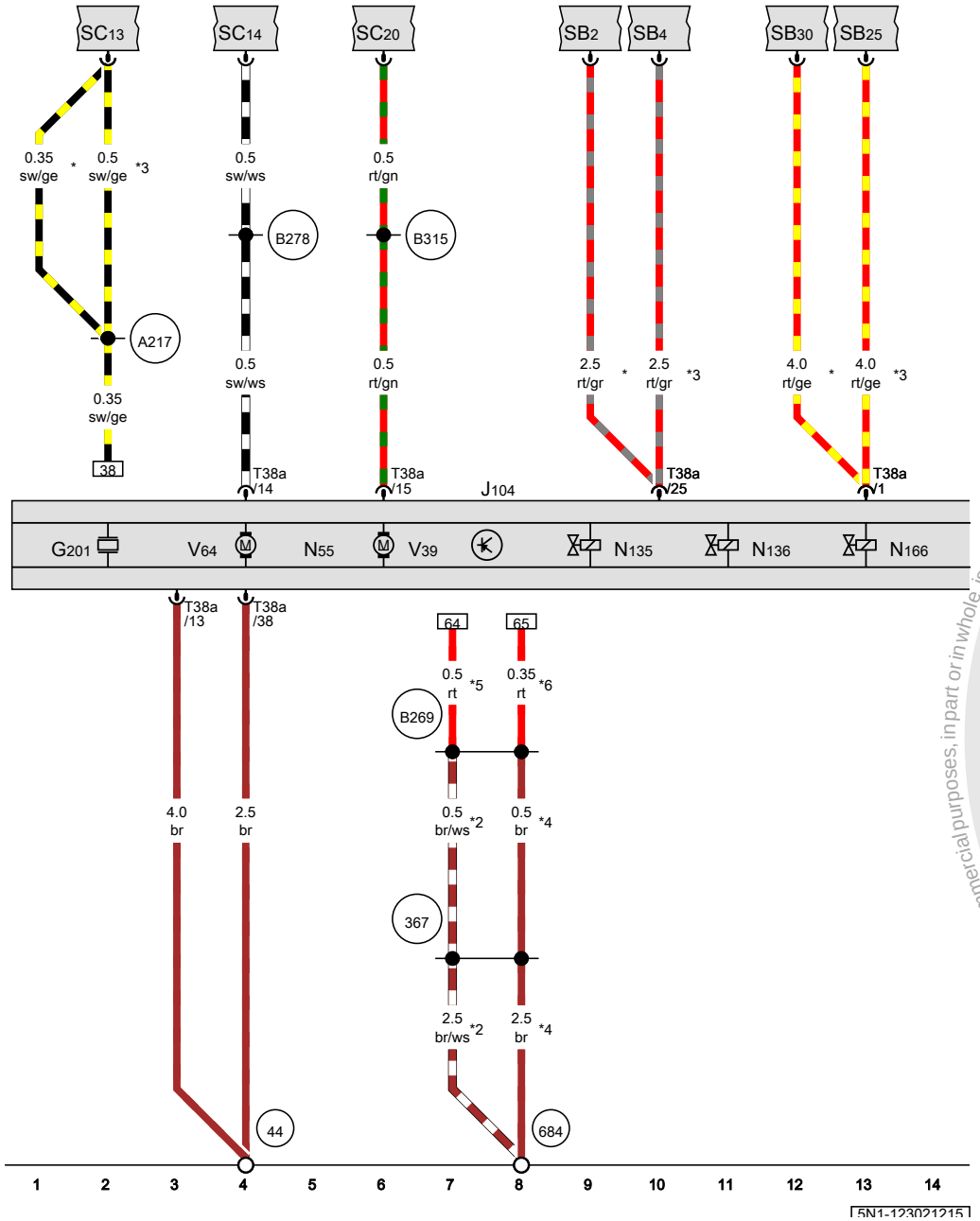


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rs	=	pink

Anti-lock brake system (ABS) with electronic differential lock (EDL) and traction control system (TCS) and electronic stabilisation program (ESP) , (1AS),(1AT)

From May 2010

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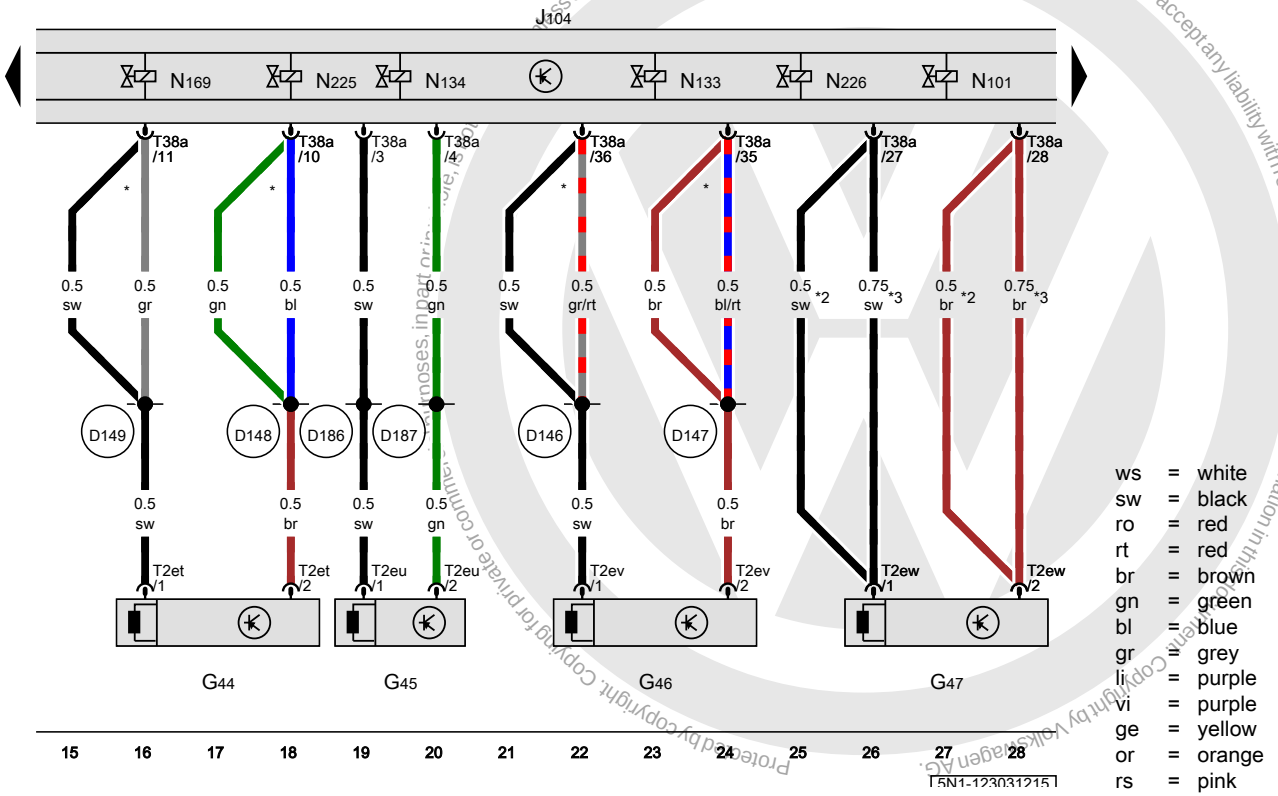
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ro = red
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ABS control unit

G201	Brake pressure sender 1
J104	ABS control unit
N55	ABS hydraulic unit
N135	Rear right ABS outlet valve
N136	Rear left ABS outlet valve
N166	Front right EDL changeover valve
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
SB25	Fuse 25 on fuse holder B
SB30	Fuse 30 on fuse holder B
T38a	38-pin connector
V39	ABS return flow pump
V64	ABS hydraulic pump
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
684	Earth point on front of left side member
A217	Positive connection 8 (15a) in dash panel wiring harness
B269	Connection 2 (brake pad wear indicator), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	From May 2011
*2	From November 2010
*3	Up to May 2011
*4	Up to November 2010
*5	From May 2013
*6	Up to May 2013

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Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit



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gn = green
bl = blue
gr = grey
li = purple
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G44 Rear right speed sensor
G45 Front right speed sensor
G46 Rear left speed sensor
G47 Front left speed sensor
J104 ABS control unit
N101 Front left ABS inlet valve
N133 Rear right ABS inlet valve
N134 Rear left ABS inlet valve
N169 Front left EDL outlet valve
N225 Vehicle stabilization program switch valve 1
N226 Vehicle stabilization program switch valve 2
T2et 2-pin connector
T2eu 2-pin connector
T2ev 2-pin connector
T2ew 2-pin connector
T38a 38-pin connector

D146 Connection (rear left speed sensor +), in engine compartment wiring harness

D147 Connection (rear left speed sensor -), in engine compartment wiring harness

D148 Connection (rear right speed sensor +), in engine compartment wiring harness

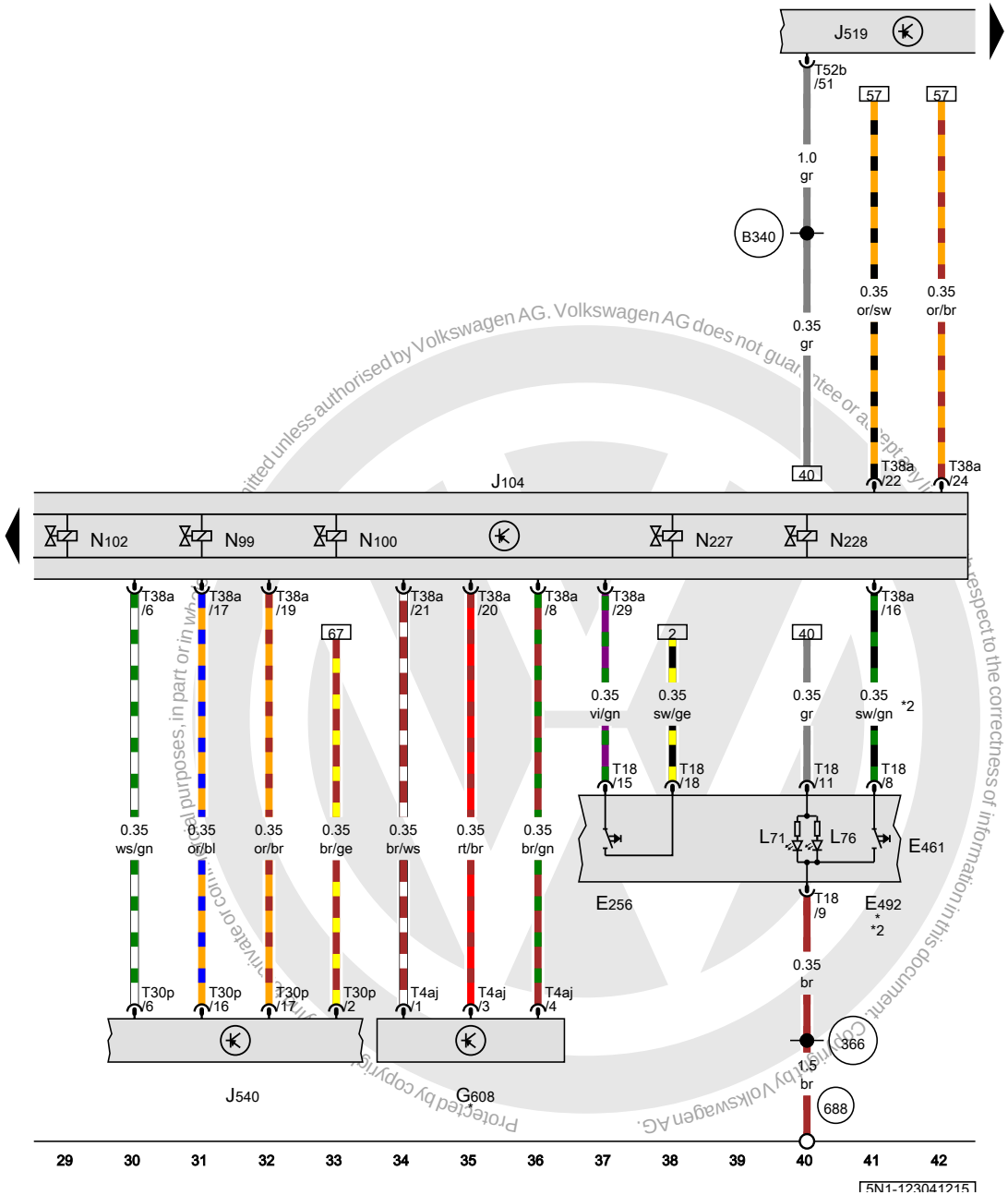
D149 Connection (rear right speed sensor -), in engine compartment wiring harness

D186 Connection (front right speed sensor +), in engine compartment wiring harness

D187 Connection (front right speed sensor -), in engine compartment wiring harness

* According to equipment
*2 From November 2013
*3 Up to November 2013

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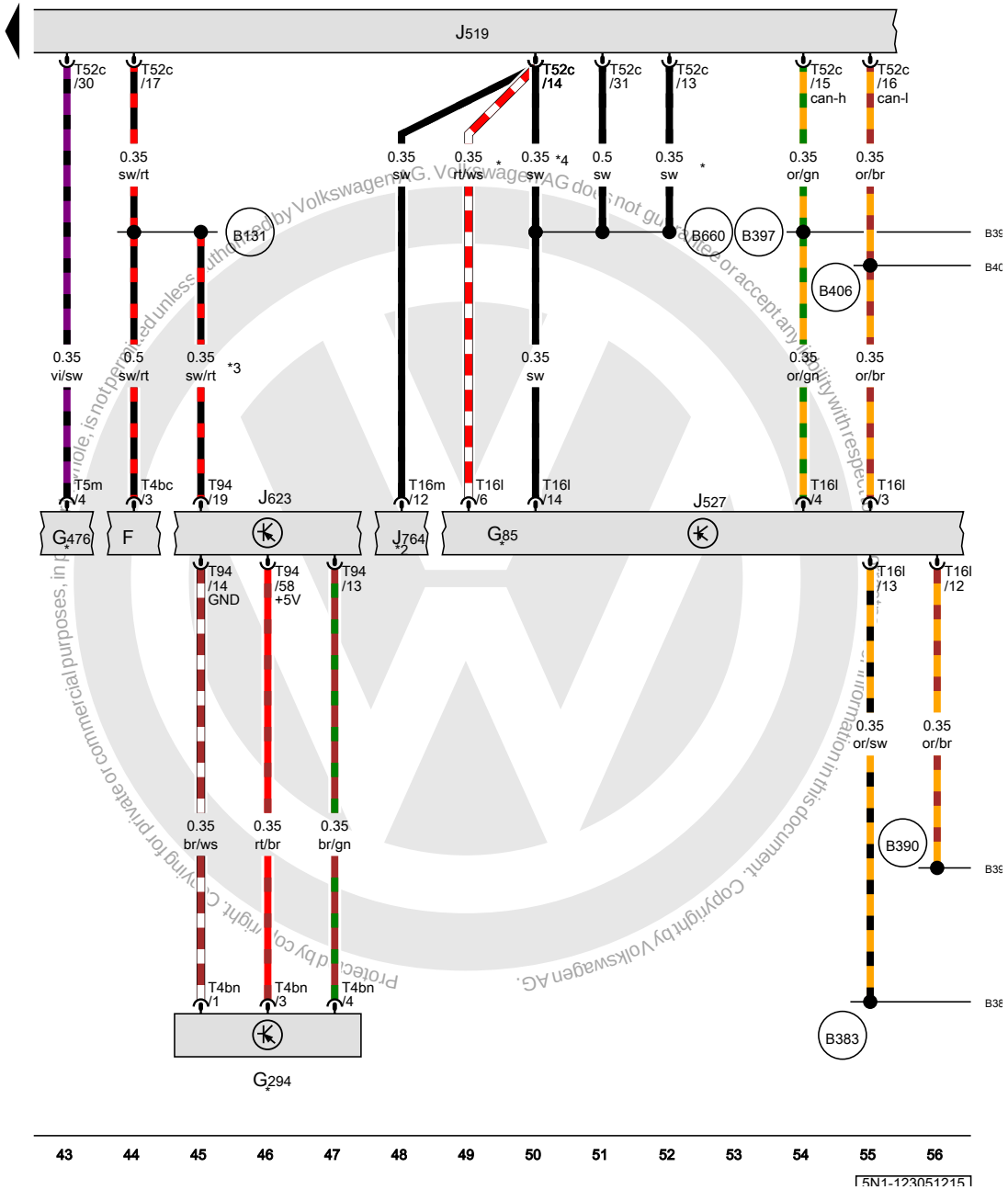


ws = white
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gn = green
bl = blue
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li = purple
vi = purple
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or = orange
rs = pink

Button for TCS and electronic stabilisation program, Operating unit in front of centre console, Vacuum sender, ABS control unit, Onboard supply control unit, Control unit for electromechanical parking brake

E256	Button for TCS and electronic stabilisation program
E461	Operating unit in front of centre console
E492	Tyre Pressure Loss Indicator button
G608	Vacuum sender
J104	ABS control unit
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
L71	Traction control switch illumination bulb
L76	Button illumination bulb
N99	Front right ABS inlet valve
N100	Front right ABS outlet valve
N102	Front left ABS outlet valve
N227	Vehicle stabilization program high-pressure valve 1
N228	Vehicle stabilization program high-pressure valve 2
T4aj	4-pin connector
T18	18-pin connector
T30p	30-pin connector
T38a	38-pin connector
T52b	52-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
*	According to equipment
*2	Up to May 2011

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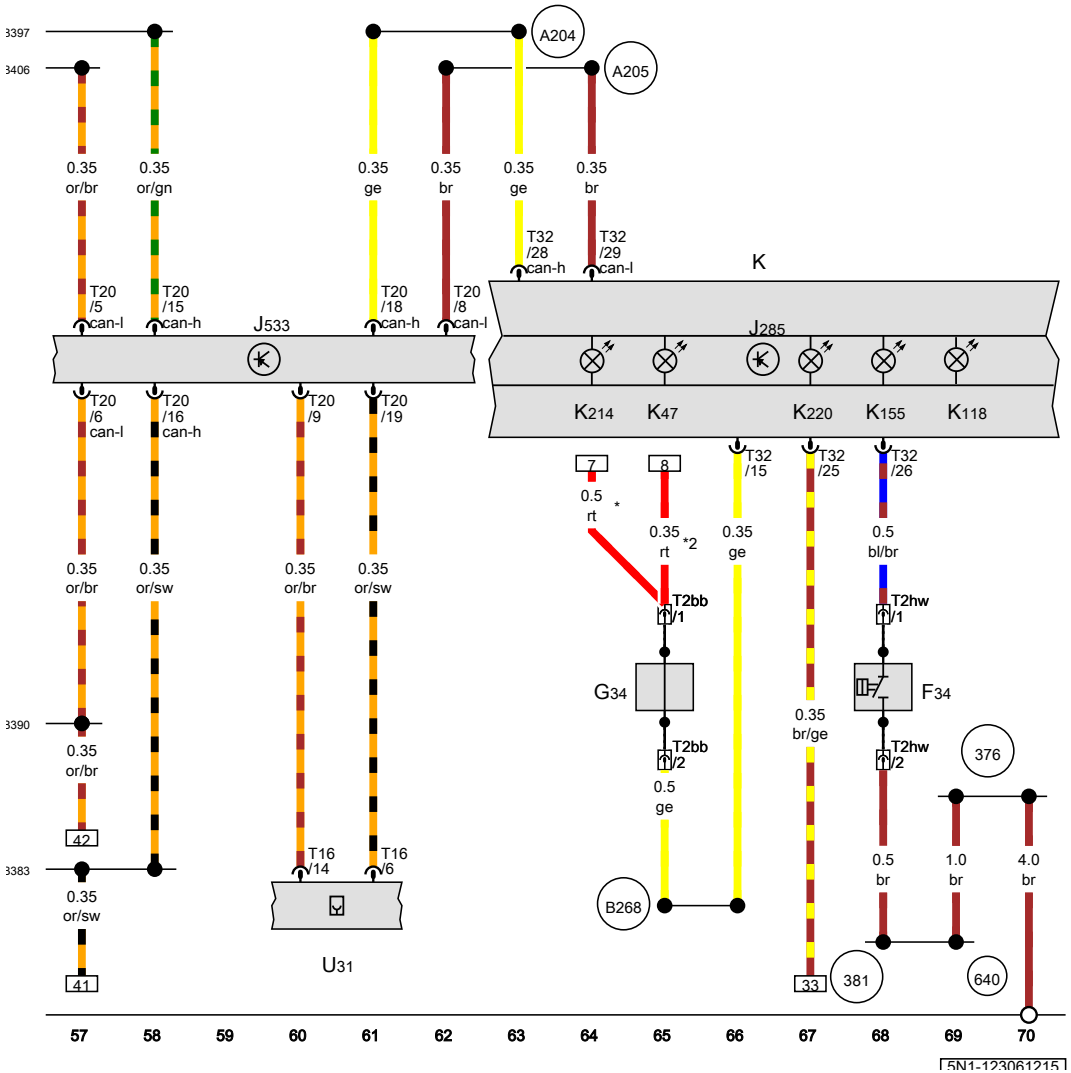
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Steering angle sender, Brake servo pressure sensor, Onboard supply control unit, Steering column electronics control unit, Engine control unit

F	Brake light switch
G85	Steering angle sender
G294	Brake servo pressure sensor
G476	Clutch position sender
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
T4bc	4-pin connector
T4bn	4-pin connector
T5m	5-pin connector
T16l	16-pin connector
T16m	16-pin connector
T52c	52-pin connector
T94	94-pin connector
B131	Connection (54), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	According to equipment
*2	Only models with entry and start authorisation
*3	see applicable current flow diagram for engine
*4	Only models with start/stop system

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Brake fluid level warning contact, Front left brake pad wear sender, Data bus diagnostic interface, Dash panel insert, Diagnostic connection



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

F34	Brake fluid level warning contact
G34	Front left brake pad wear sender
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K	Dash panel insert
K47	ABS warning lamp
K118	Brake system warning lamp
K155	Warning lamp for electronic stabilisation program and TCS
K214	Electric parking brake and handbrake fault warning lamp
K220	Tyre Pressure Loss Indicator warning lamp
T2bb	2-pin connector
T2hw	2-pin connector
T16	16-pin connector
T20	20-pin connector
T32	32-pin connector
U31	Diagnostic connection
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B268	Connection 1 (brake pad wear indicator), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	From May 2013
*2	Up to May 2013

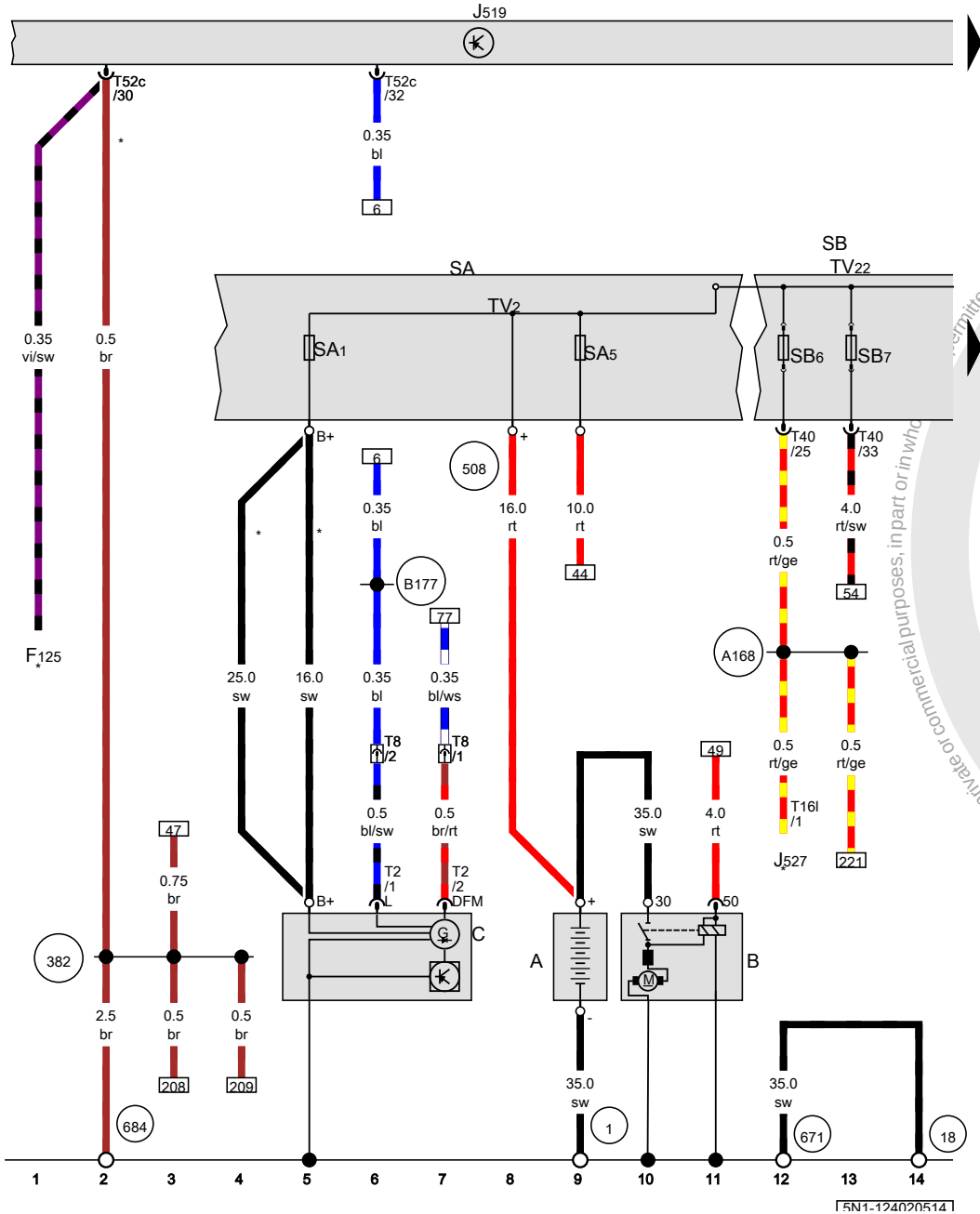
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2.0l petrol engine , CCTA,CCTB,CCZA,CCZC

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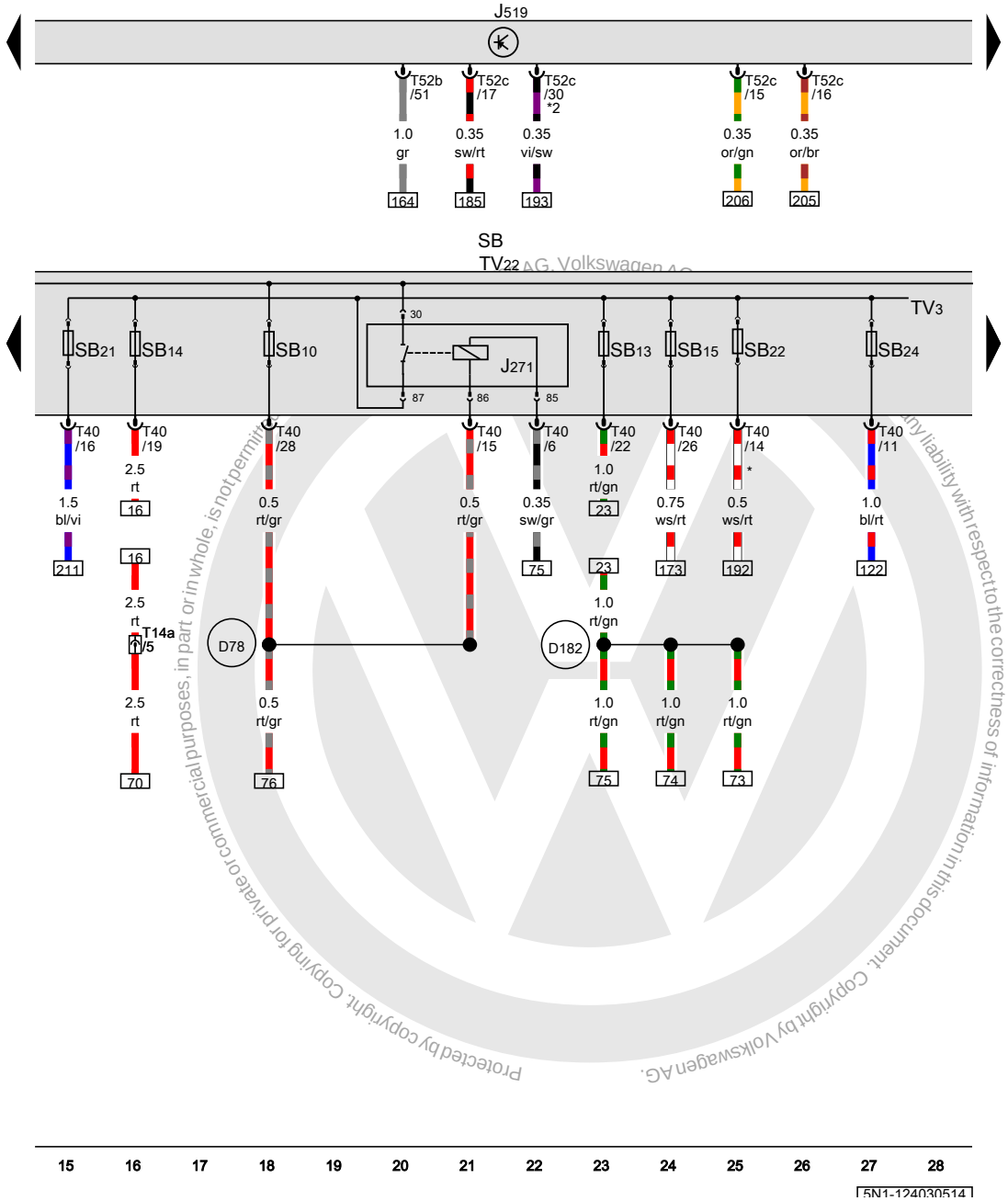
Battery, Starter, Alternator, Onboard supply control unit, Fuse holder A, Fuse holder B



A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
T2	2-pin connector
T16l	16-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
T8	8-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
A168	Positive connection 4 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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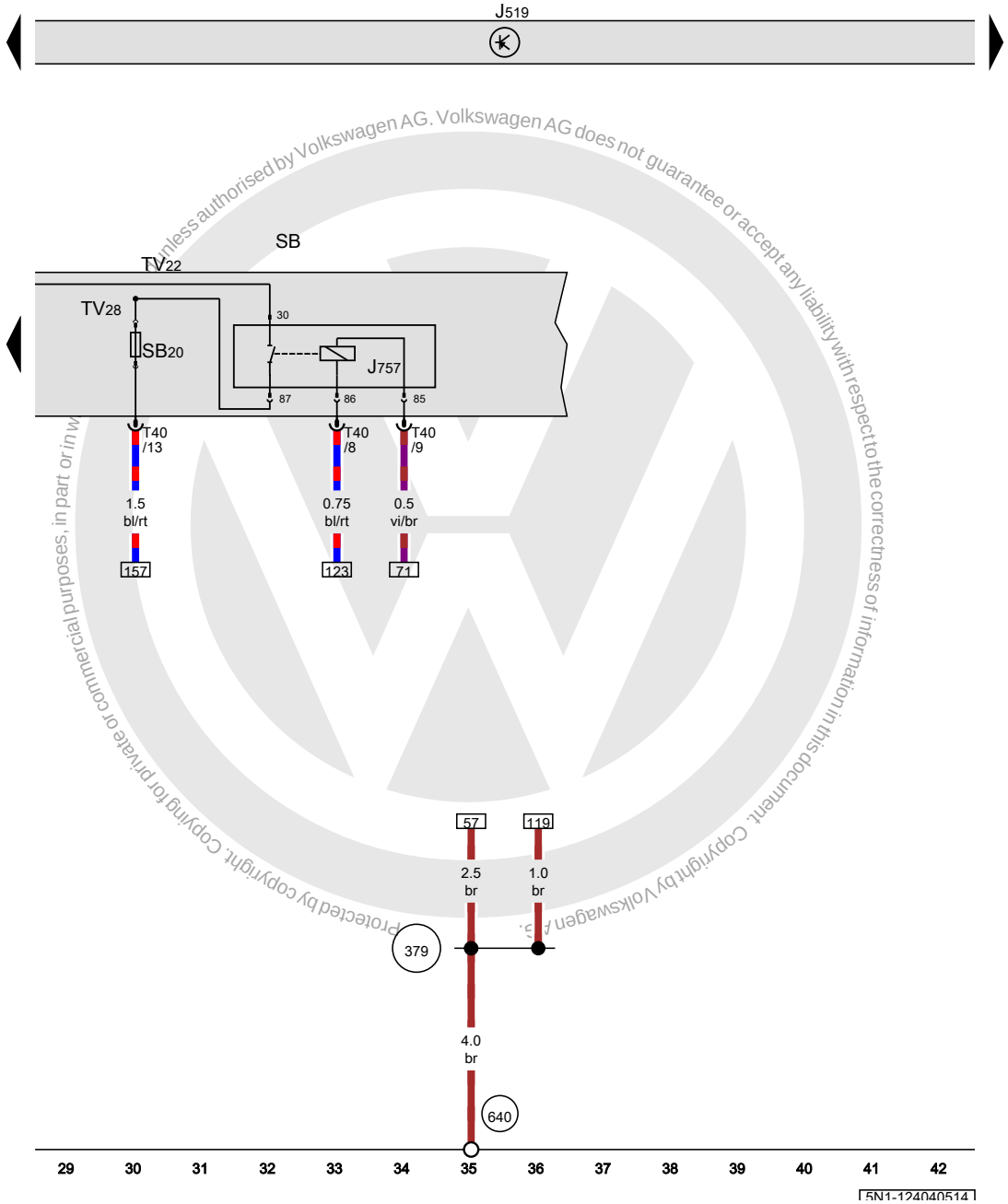


Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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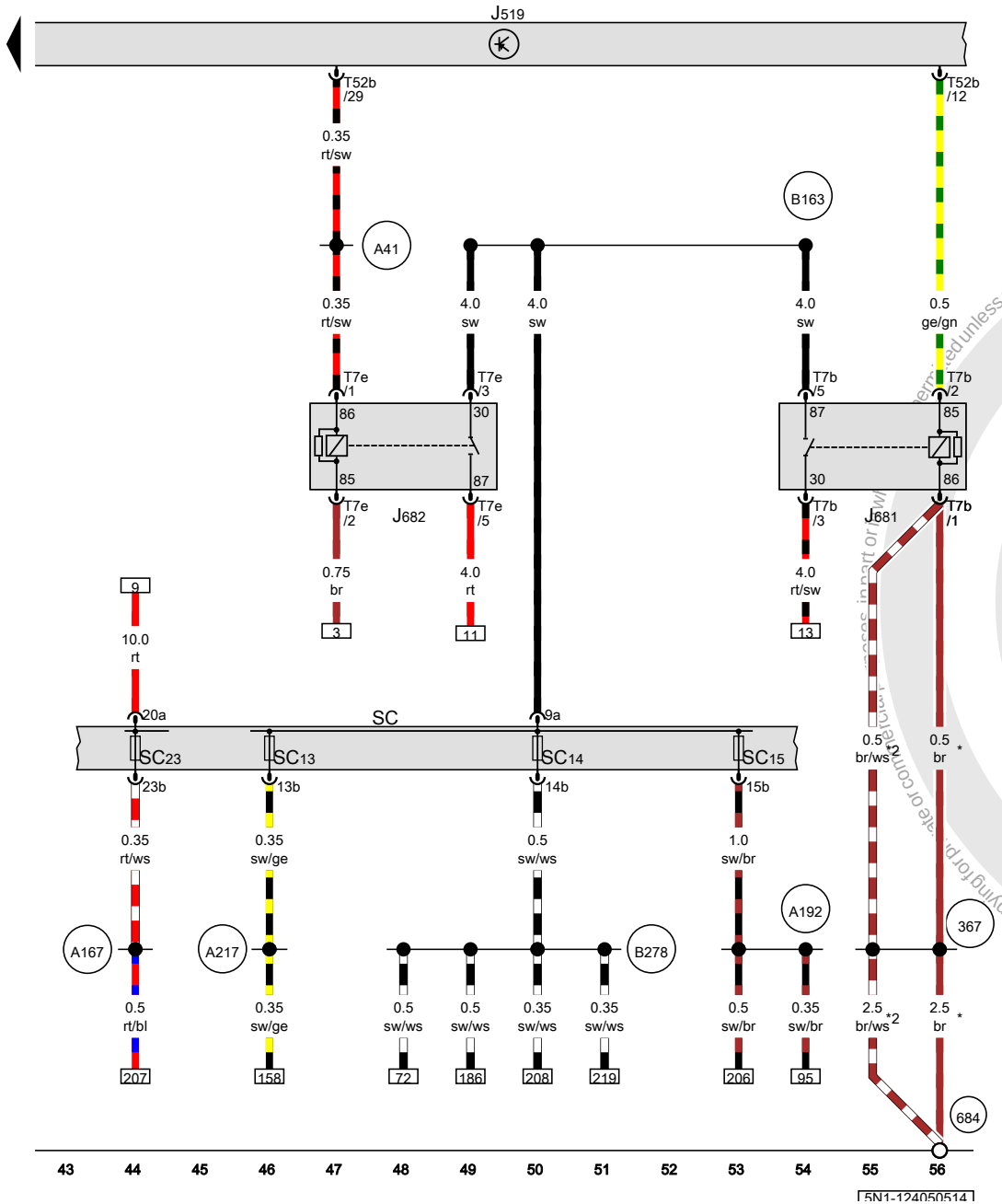


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Onboard supply control unit, Engine component current supply relay, Fuse holder B

J519	Onboard supply control unit
J757	Engine component current supply relay
SB	Fuse holder B
SB20	Fuse 20 on fuse holder B
TV22	Terminal 30 wiring junction 2
TV28	Terminal 30 wiring junction 3
T40	40-pin connector
379	Earth connection 14, in main wiring harness
640	Earth point 2, left in engine compartment

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Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C

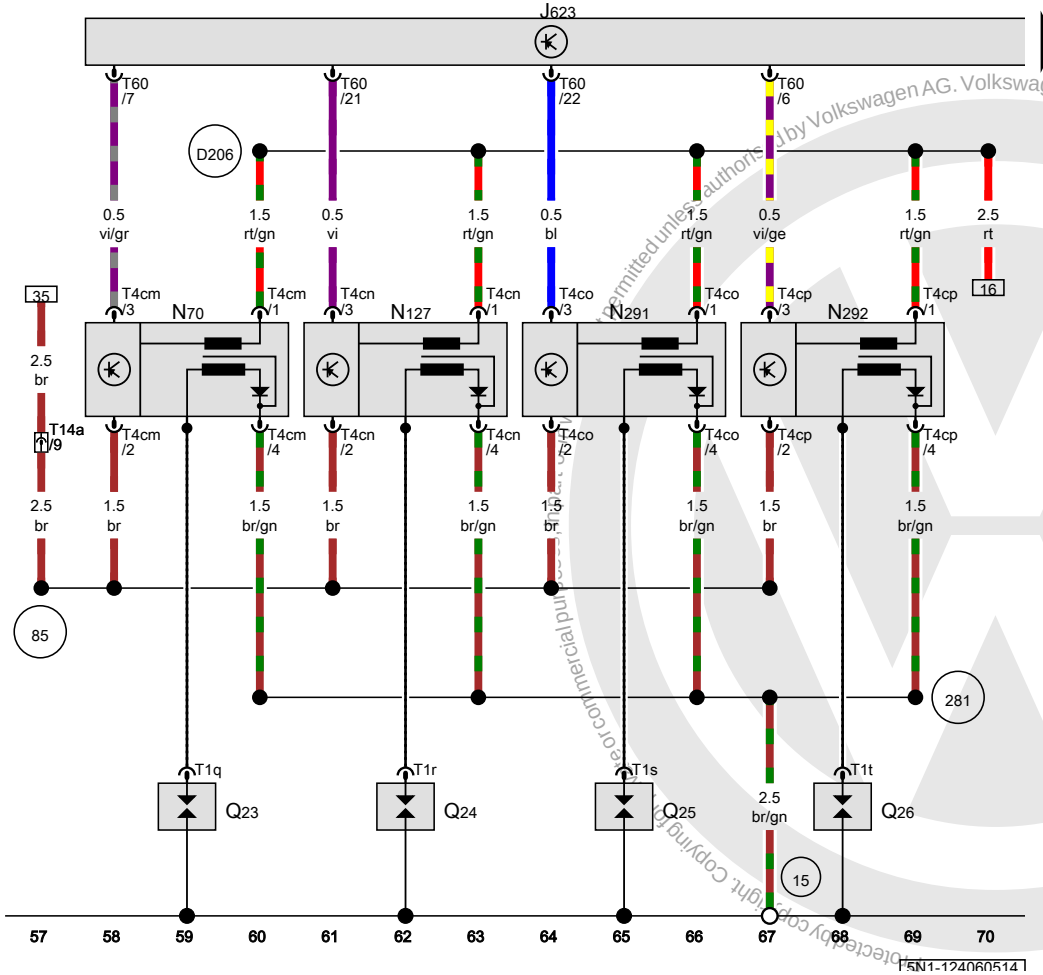
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
T7b	7-pin connector
T7e	7-pin connector
T52b	52-pin connector
367	Earth connection 2, in main wiring harness
684	Earth point on front of left side member
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Up to November 2010
*2	From November 2010

ws	=	white
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rs	=	pink

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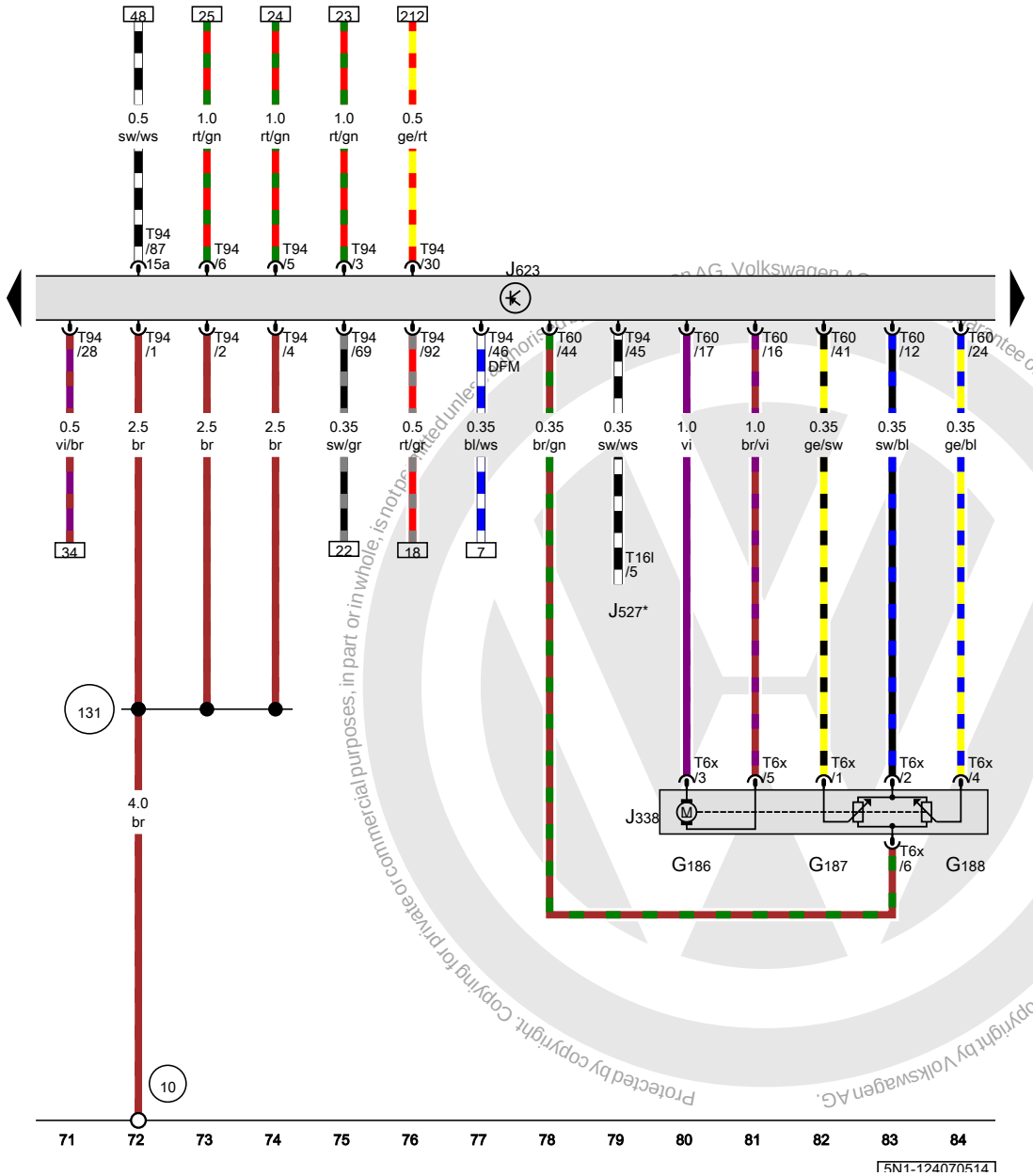
Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T1q	Single connector
T1r	Single connector
T1s	Single connector
T1t	Single connector
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

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Throttle valve module, Engine control unit

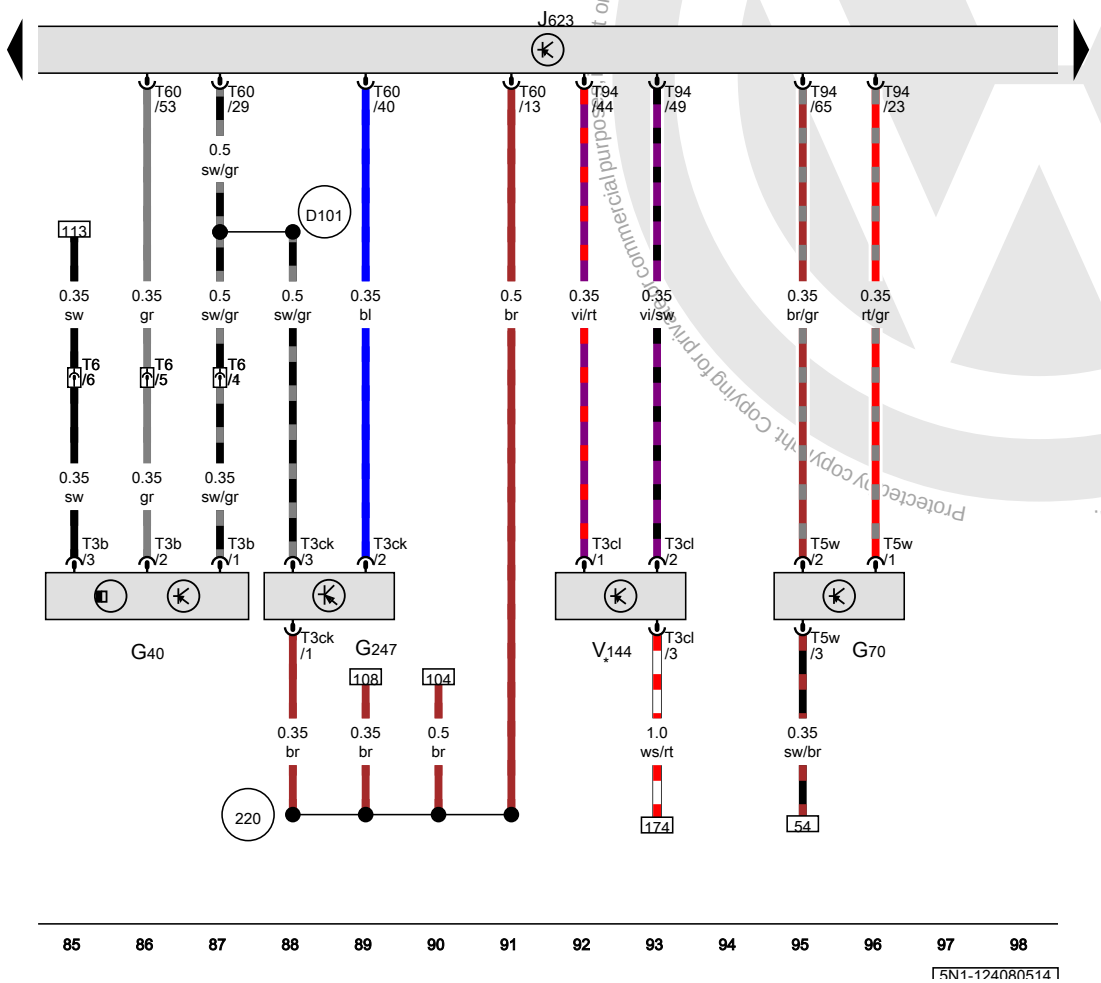
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J527	Steering column electronics control unit
J623	Engine control unit
T6x	6-pin connector
T16l	16-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)

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Air mass meter, Fuel pressure sender, Engine control unit

G40	Hall sender
G70	Air mass meter
G247	Fuel pressure sender
J623	Engine control unit
T3b	3-pin connector
T3ck	3-pin connector
T3cl	3-pin connector
T5w	5-pin connector
T6	6-pin connector
T60	60-pin connector
T94	94-pin connector
V144	Fuel system diagnostic pump
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness
*	According to equipment

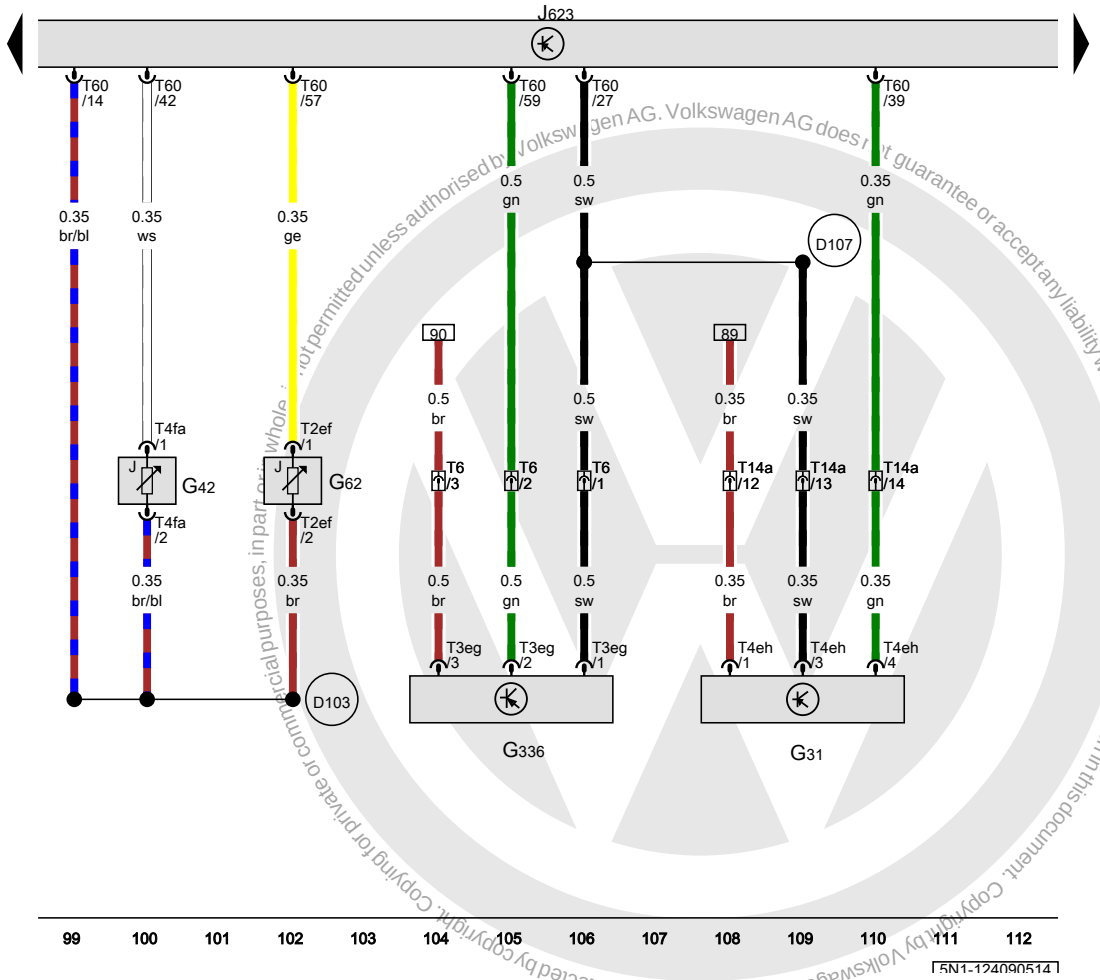


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Charge pressure sender, Intake air temperature sender, Coolant temperature sender, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
T2ef	2-pin connector
T3eg	3-pin connector
T4eh	4-pin connector
T4fa	4-pin connector
T6	6-pin connector
T14a	14-pin connector
T60	60-pin connector
D103	Connection 3 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

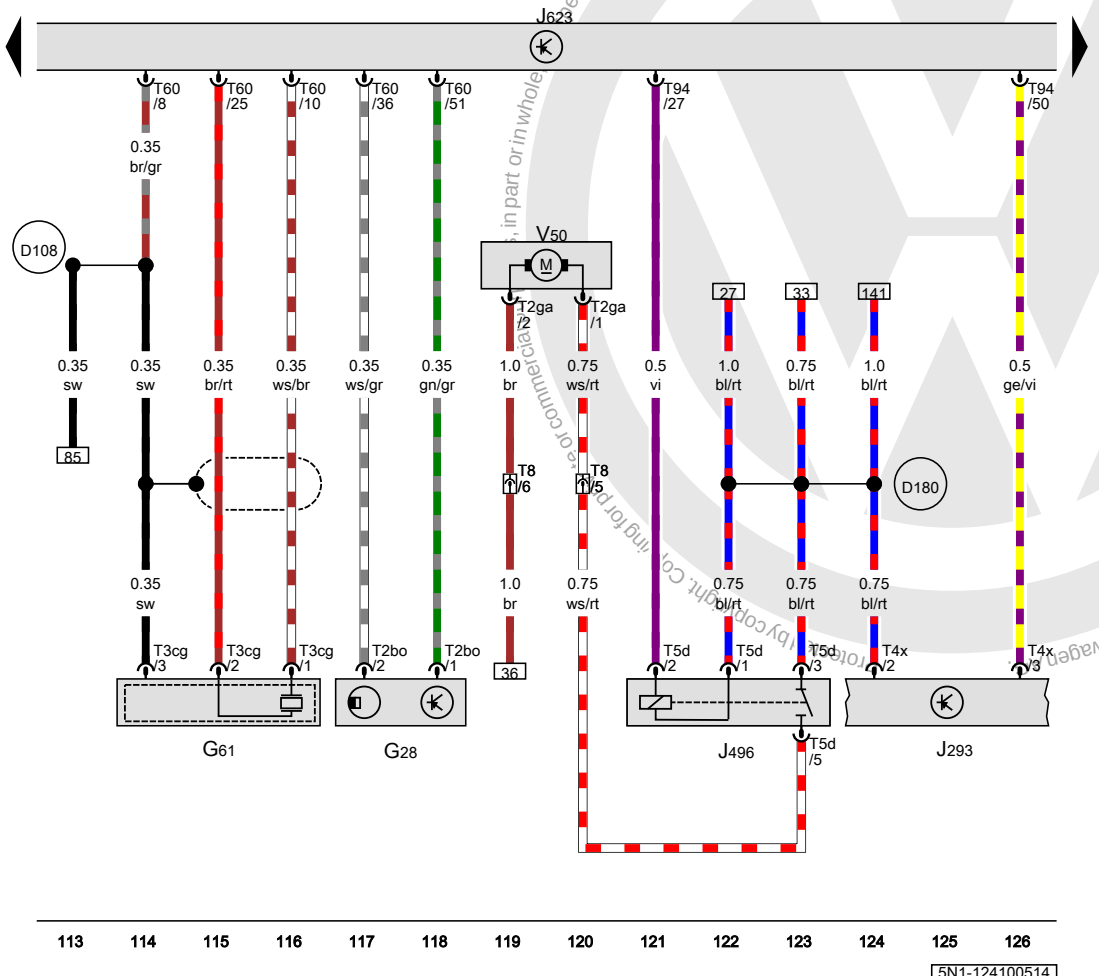


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Engine speed sender, Knock sensor 1, Radiator fan control unit, Additional coolant pump relay, Engine control unit, Coolant circulation pump

G28	Engine speed sender
G61	Knock sensor 1
J293	Radiator fan control unit
J496	Additional coolant pump relay
J623	Engine control unit
T2bo	2-pin connector
T2ga	2-pin connector
T3cg	3-pin connector
T4x	4-pin connector
T5d	5-pin connector
T8	8-pin connector
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
D108	Connection 6 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness

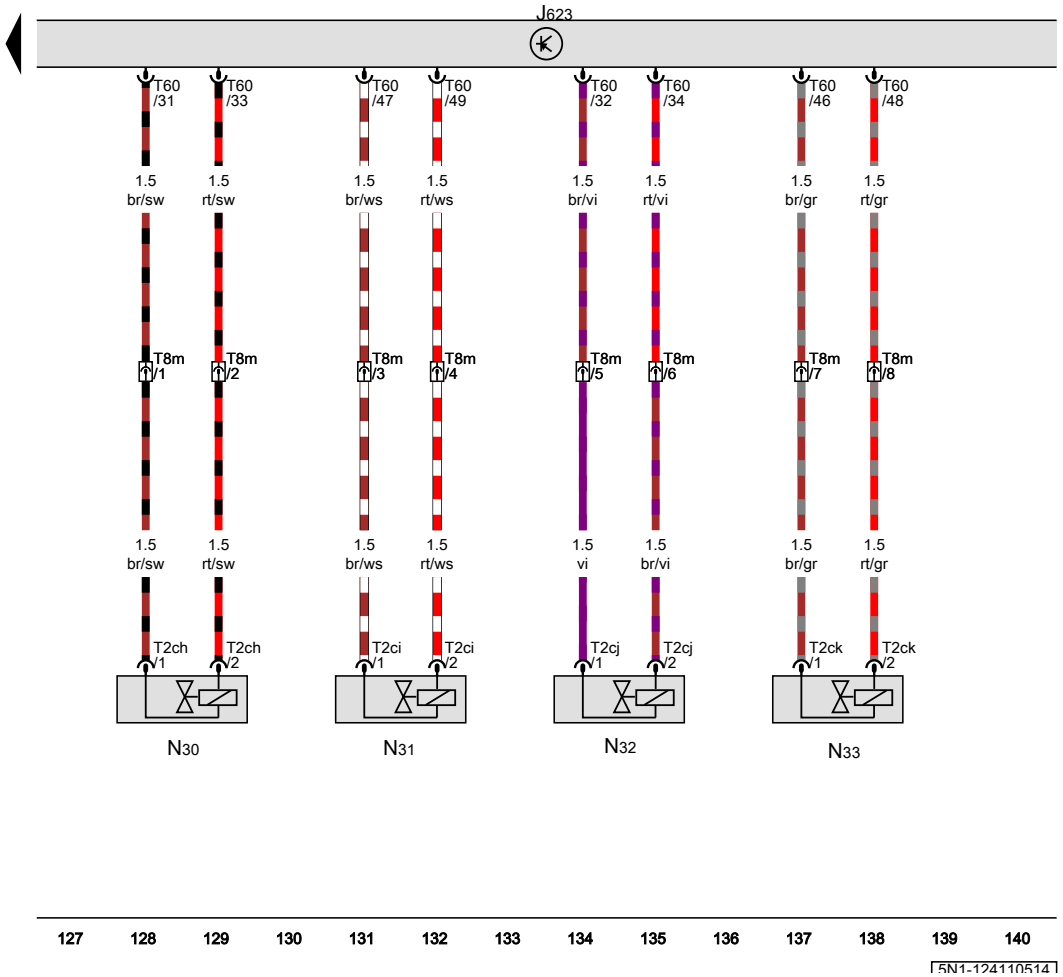


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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T8m	8-pin connector
T60	60-pin connector

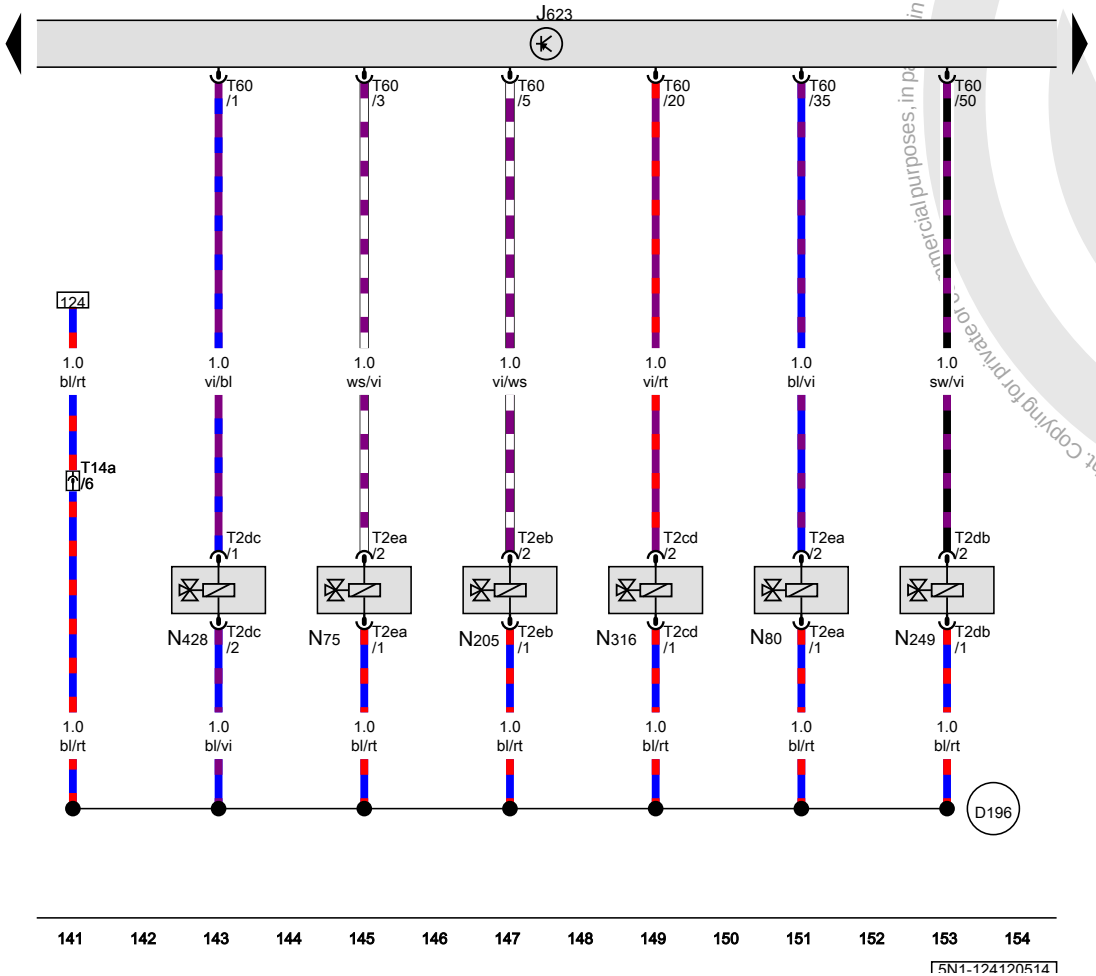


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Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control

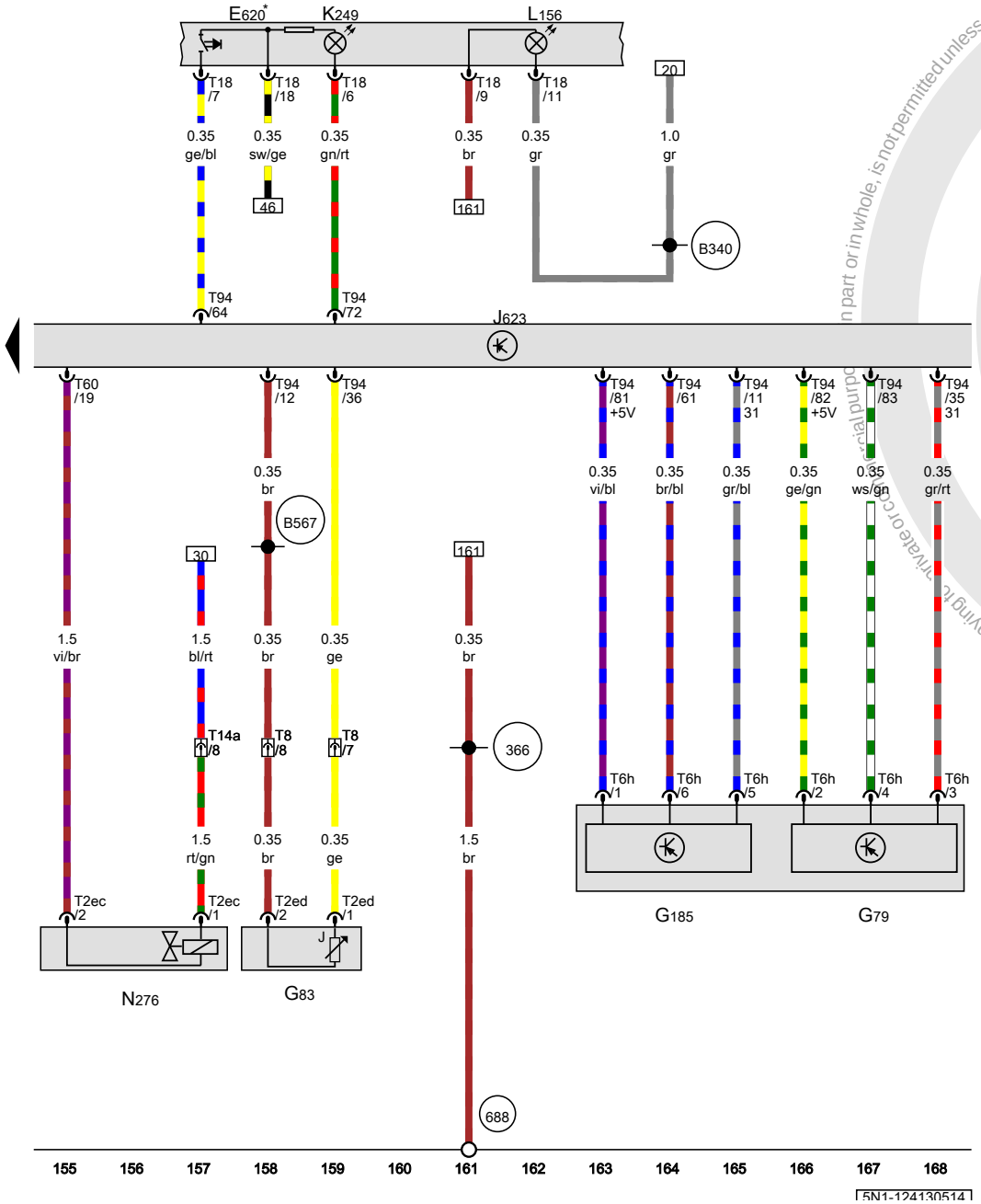
J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N428	Valve for oil pressure control
T2cd	2-pin connector
T2db	2-pin connector
T2dc	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T14a	14-pin connector
T60	60-pin connector
D196	Connection 2 (87a) in engine prewiring harness



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br	=	brown
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Accelerator position sender, Radiator outlet coolant temperature sender, Accelerator position sender 2, Engine control unit, Fuel pressure regulating valve



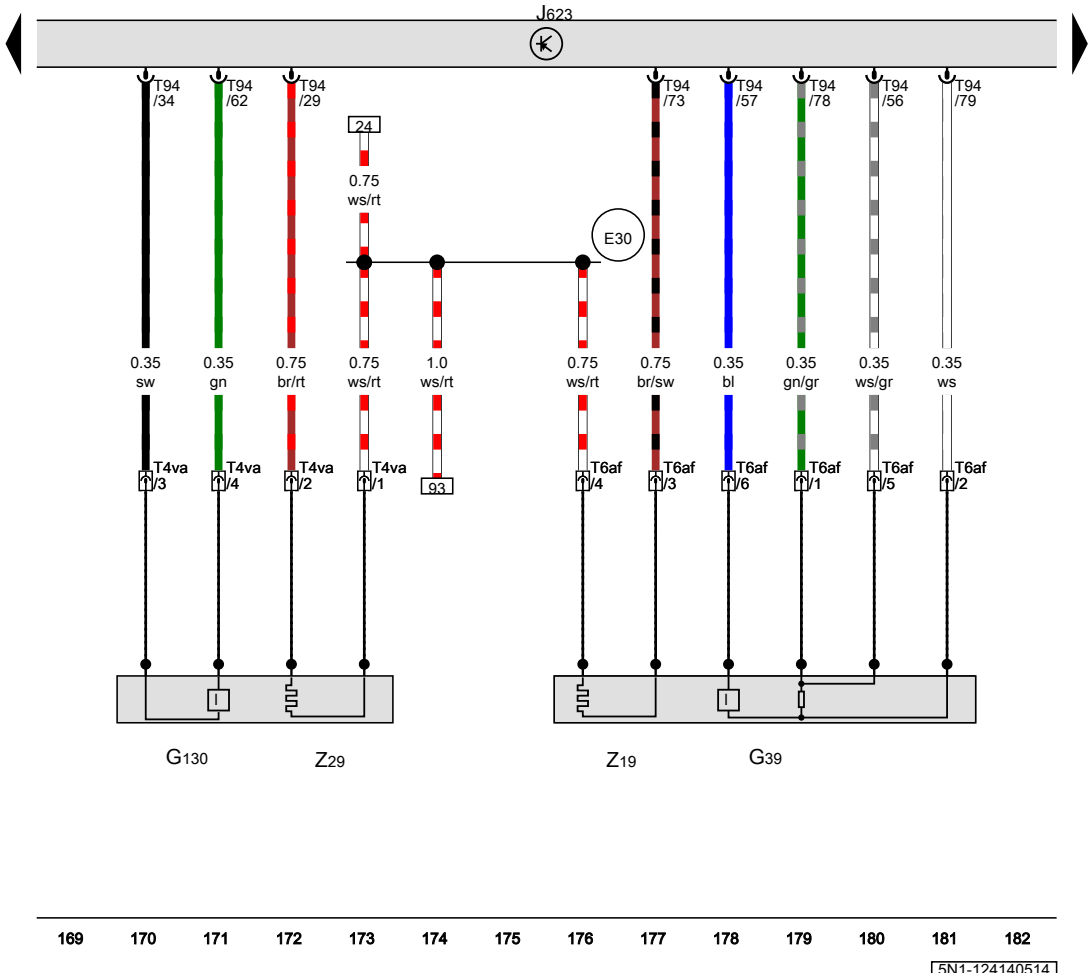
E620	Multifunction module
G79	Accelerator position sender
G83	Radiator outlet coolant temperature sender
G185	Accelerator position sender 2
J623	Engine control unit
K249	Cold engine warning light
L156	Switch illumination bulb
N276	Fuel pressure regulating valve
T2ec	2-pin connector
T2ed	2-pin connector
T6h	6-pin connector
T8	8-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
B567	Connection 34, in main wiring harness
*	According to equipment

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sw	=	black
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rt	=	red
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gn	=	green
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Lambda probe after catalytic converter, Engine control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4va	4-pin connector
T6af	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
E30	Connection (87a), in engine wiring harness

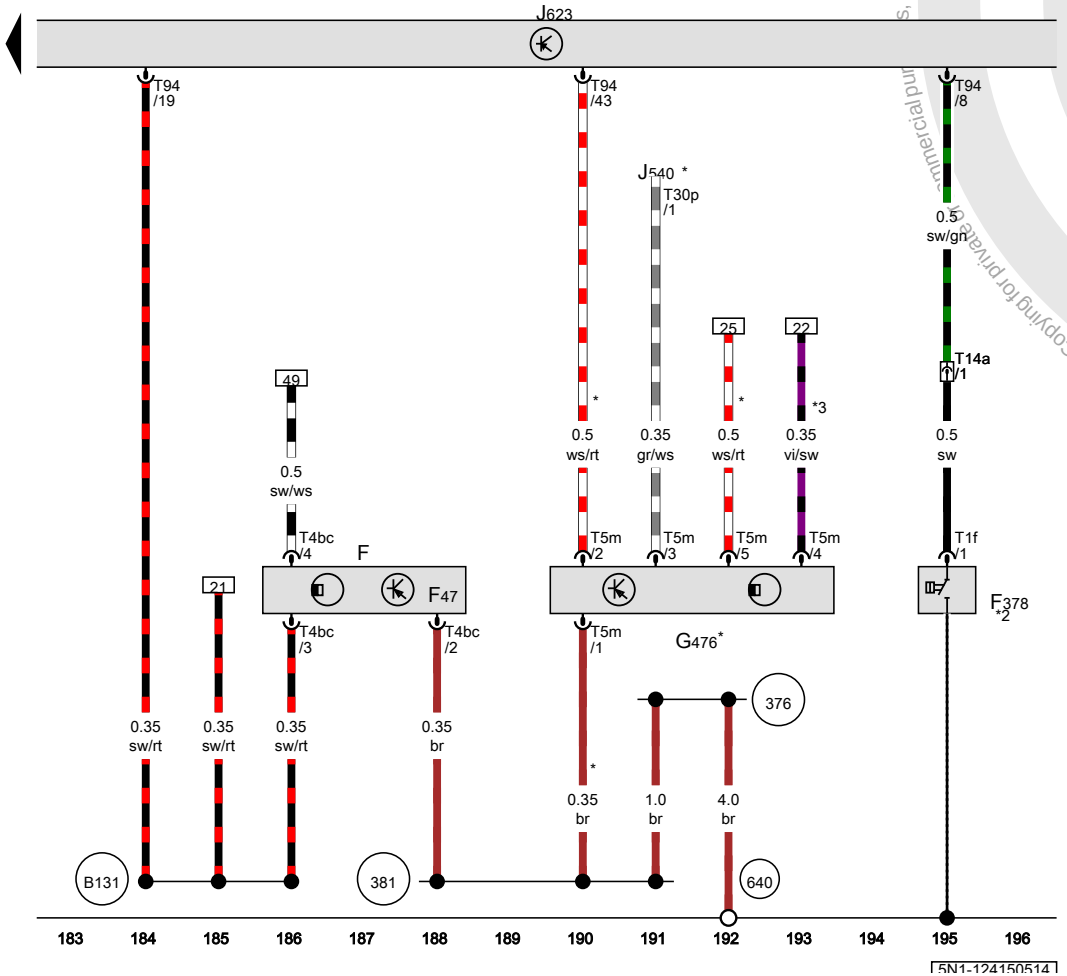


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Brake light switch, Oil pressure switch for reduced oil pressure, Clutch position sender, Engine control unit

F	Brake light switch
F47	Brake pedal switch
F378	Oil pressure switch for reduced oil pressure
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T1f	Single connector
T4bc	4-pin connector
T5m	5-pin connector
T14a	14-pin connector
T30p	30-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B131	Connection (54), in interior wiring harness
*	Only models with manual gearbox
*2	According to equipment
*3	Only for American markets

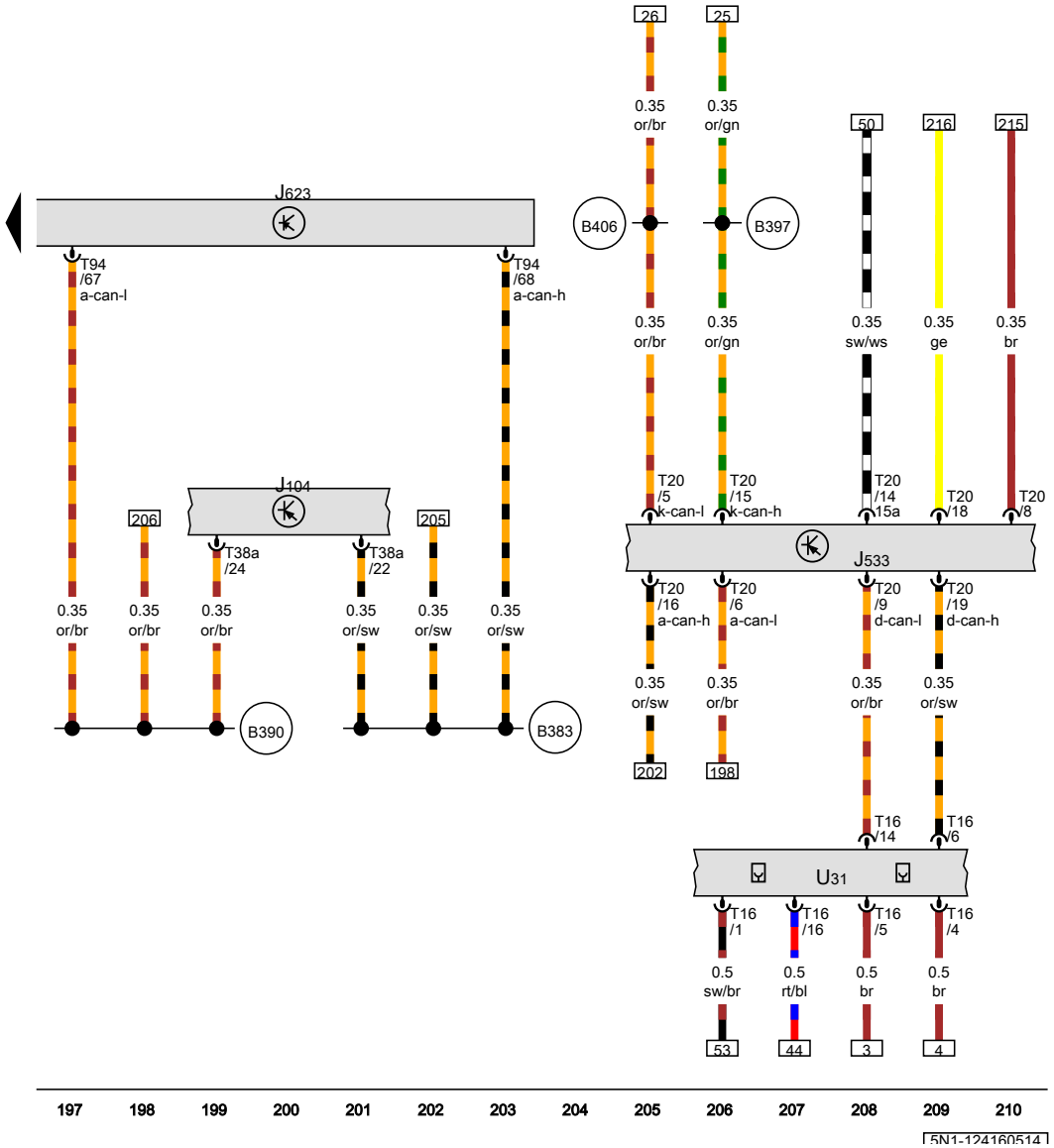


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Data bus diagnostic interface, Engine control unit, Diagnostic connection

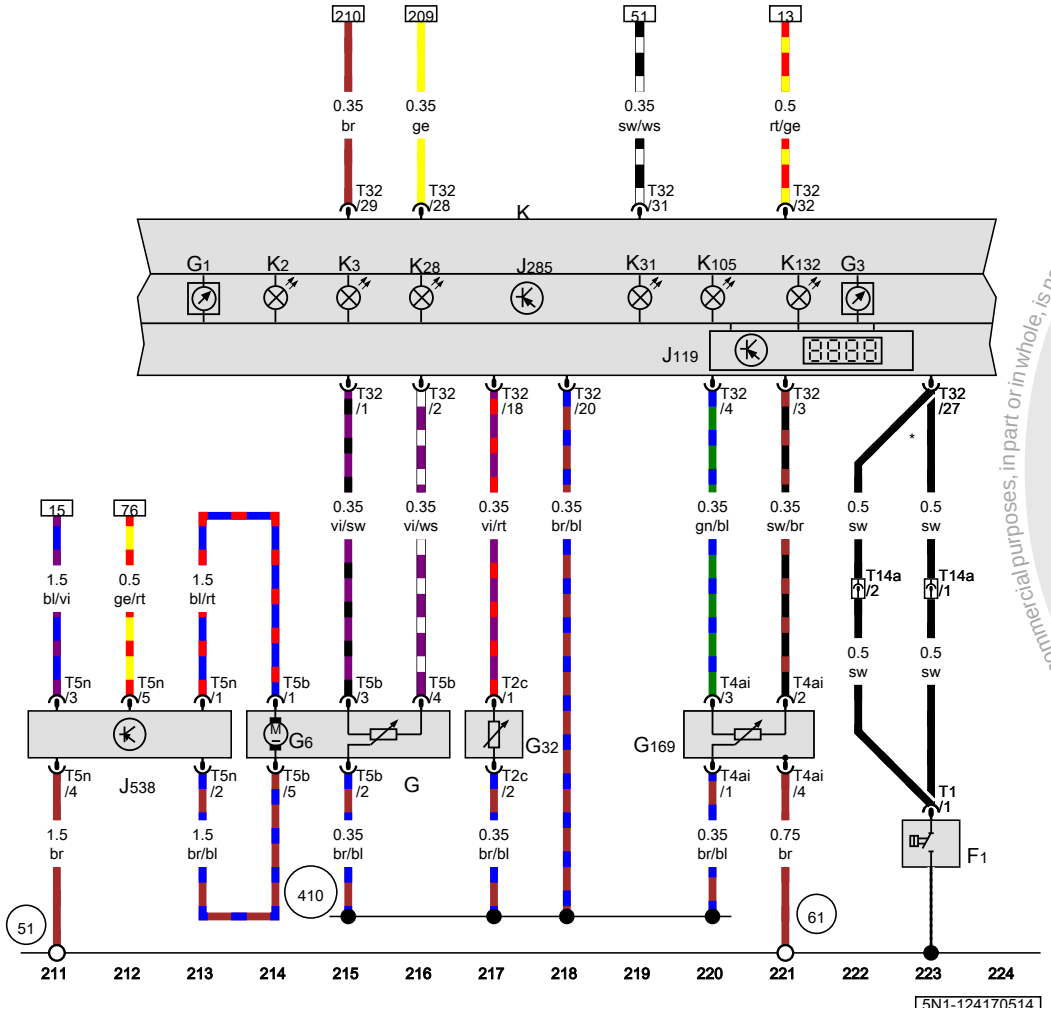
J104	ABS control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T16	16-pin connector
T20	20-pin connector
T38a	38-pin connector
T94	94-pin connector
U31	Diagnostic connection
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert



F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
K132	Electronic power control fault lamp
T1	Single connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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gr	=	grey
li	=	purple
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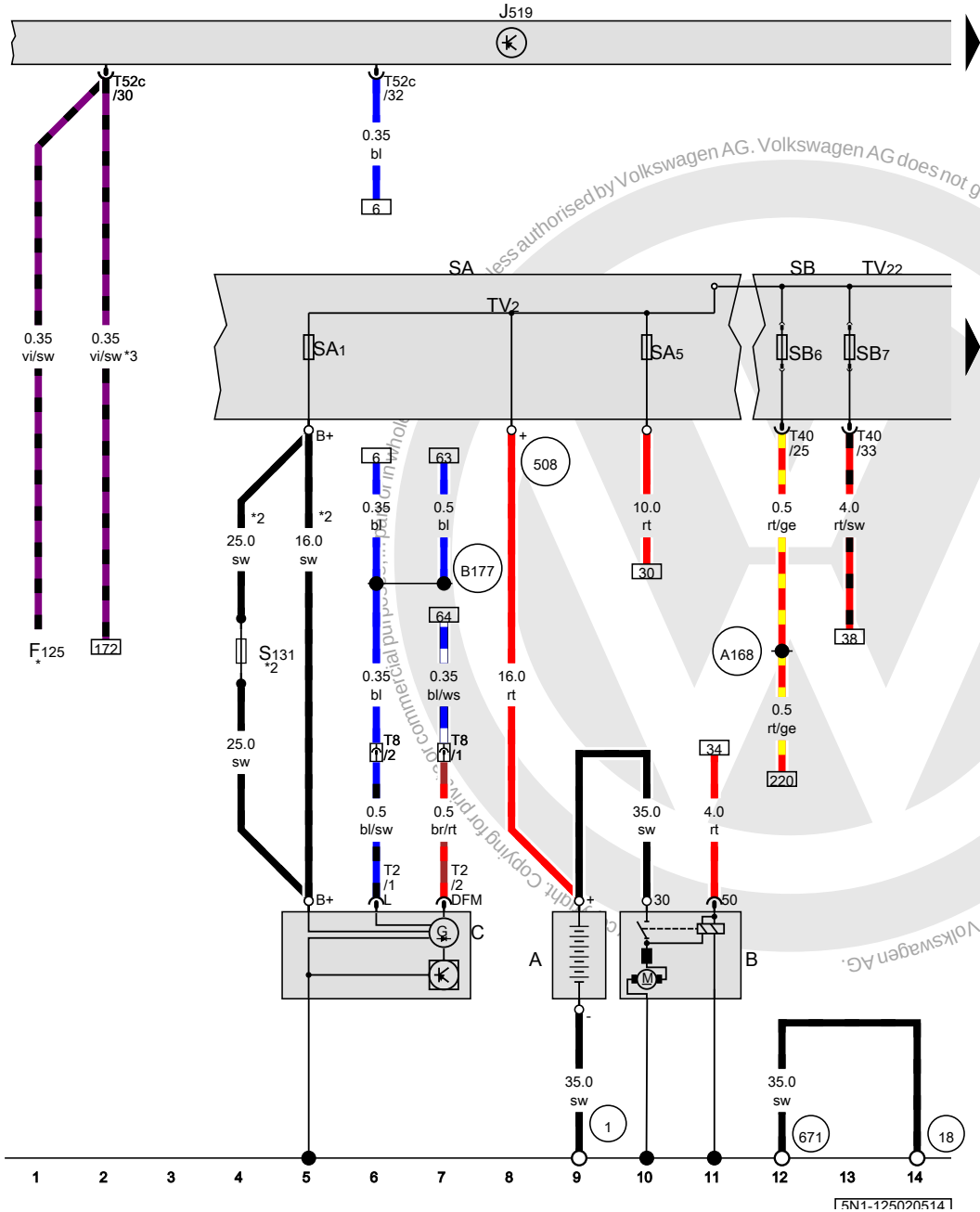
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2.0l diesel engine , CBAB,CLJA

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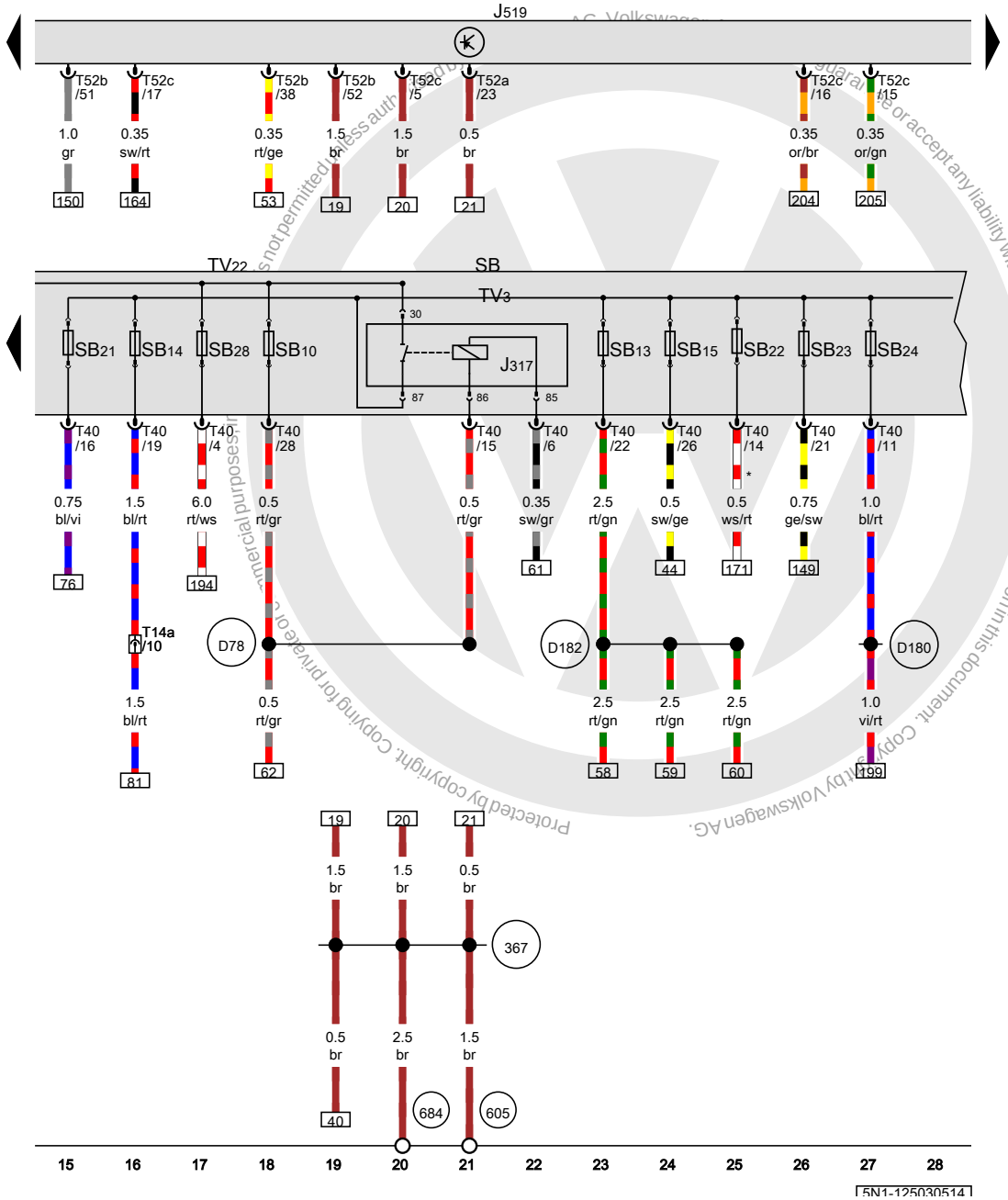
Battery, Starter, Alternator, Onboard supply control unit



A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J519	Onboard supply control unit
S131	Fuse 1, in alternator wire
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
TV2	Terminal 30 wiring junction
T2	2-pin connector
T8	8-pin connector
T52c	52-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
A168	Positive connection 4 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	Only models with automatic gearbox
*2	According to equipment
*3	Only models with manual gearbox

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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
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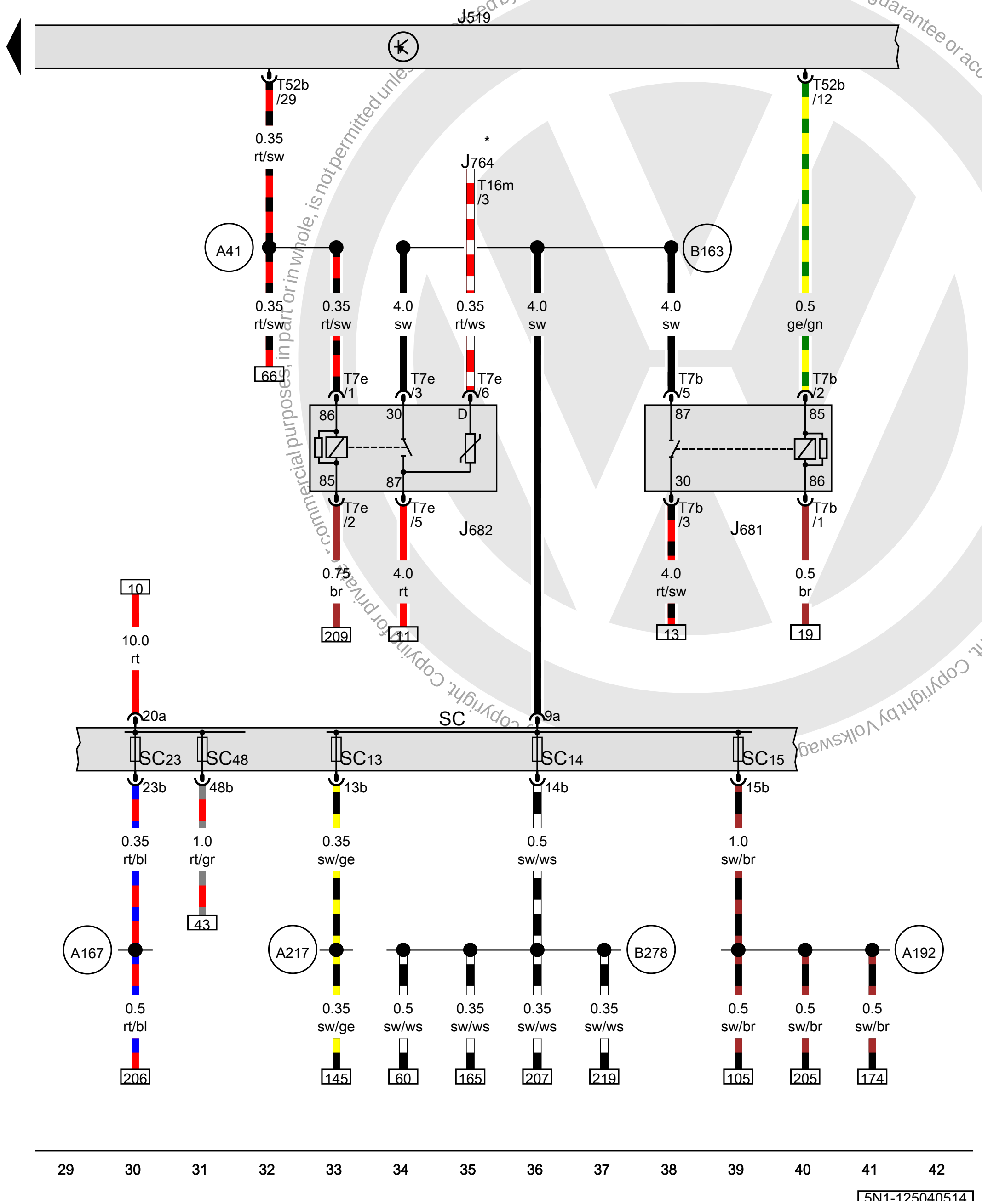
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rt = red
br = brown
gn = green
bl = blue
gr = grey
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vi = purple
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Terminal 30 voltage supply relay, Onboard supply control unit

J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
SB28	Fuse 28 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
D78	Positive connection 1 (30a), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	Only models with manual gearbox

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Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C



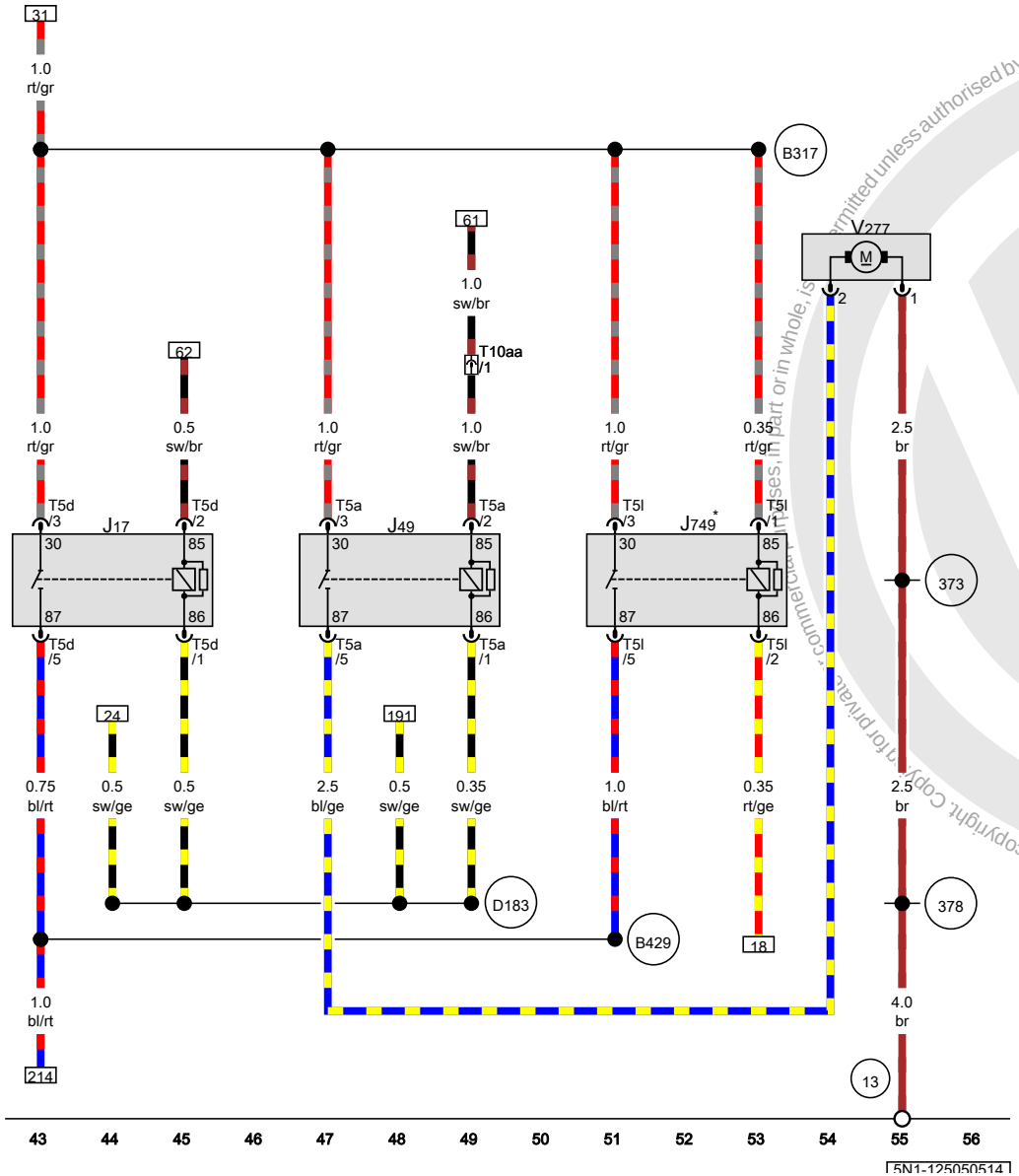
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
J764	Control unit for electronic steering column lock
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC48	Fuse 48 on fuse holder C
T7b	7-pin connector
T7e	7-pin connector
T16m	16-pin connector
T52b	52-pin connector
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Only models with entry and start authorisation

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rt	=	red
br	=	brown
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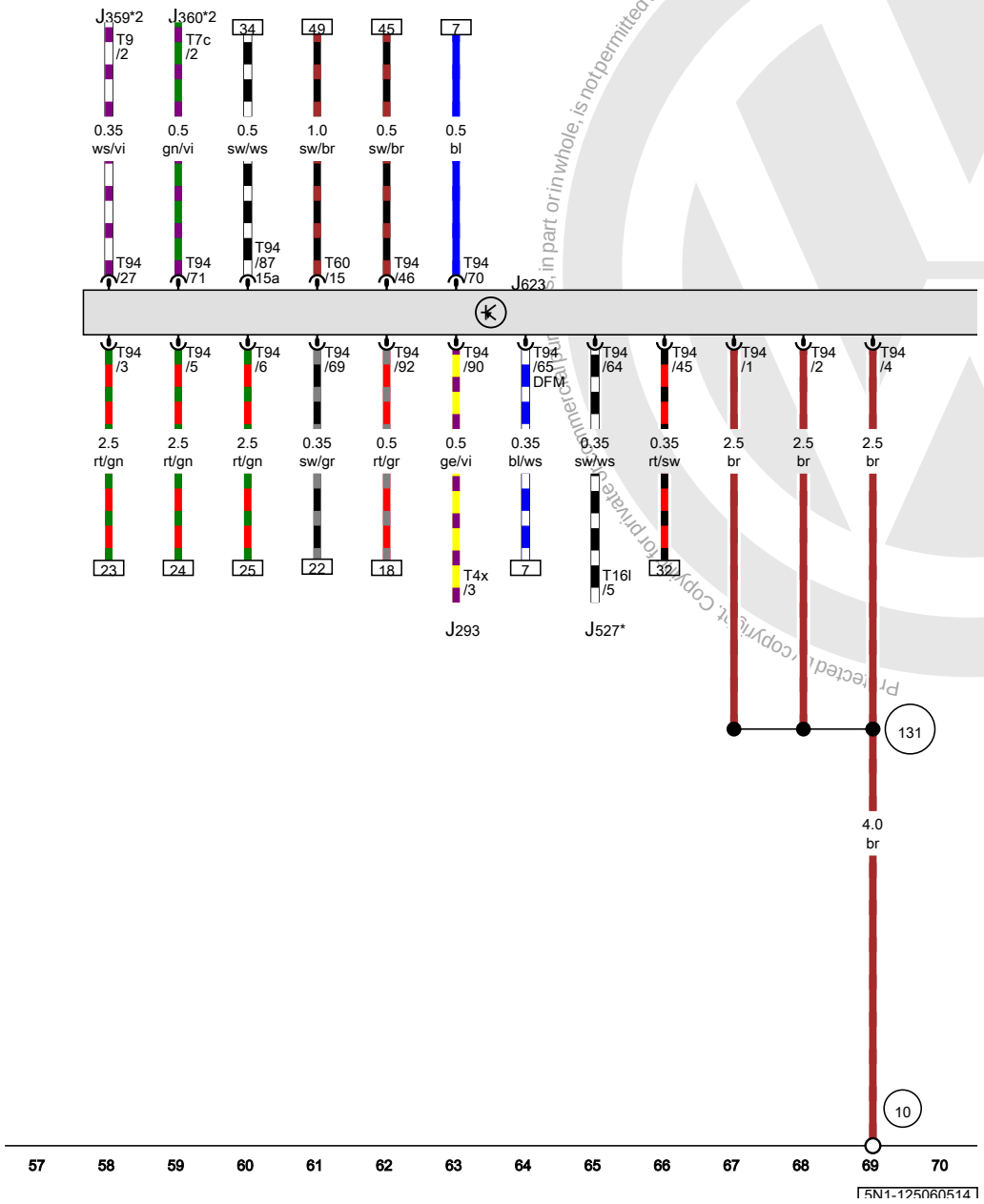
Fuel pump relay, Electric fuel pump 2 relay, Fuel pump relay for auxiliary heater, Fuel pump 2

J17	Fuel pump relay
J49	Electric fuel pump 2 relay
J749	Fuel pump relay for auxiliary heater
T5a	5-pin connector
T5d	5-pin connector
T5l	5-pin connector
T10aa	10-pin connector
V277	Fuel pump 2
13	Earth point, on right in engine compartment
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B429	Connection (EFPR), in main wiring harness
D183	Connection 4 (87a) in engine compartment wiring harness
*	Only models with auxiliary coolant heater



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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Engine control unit

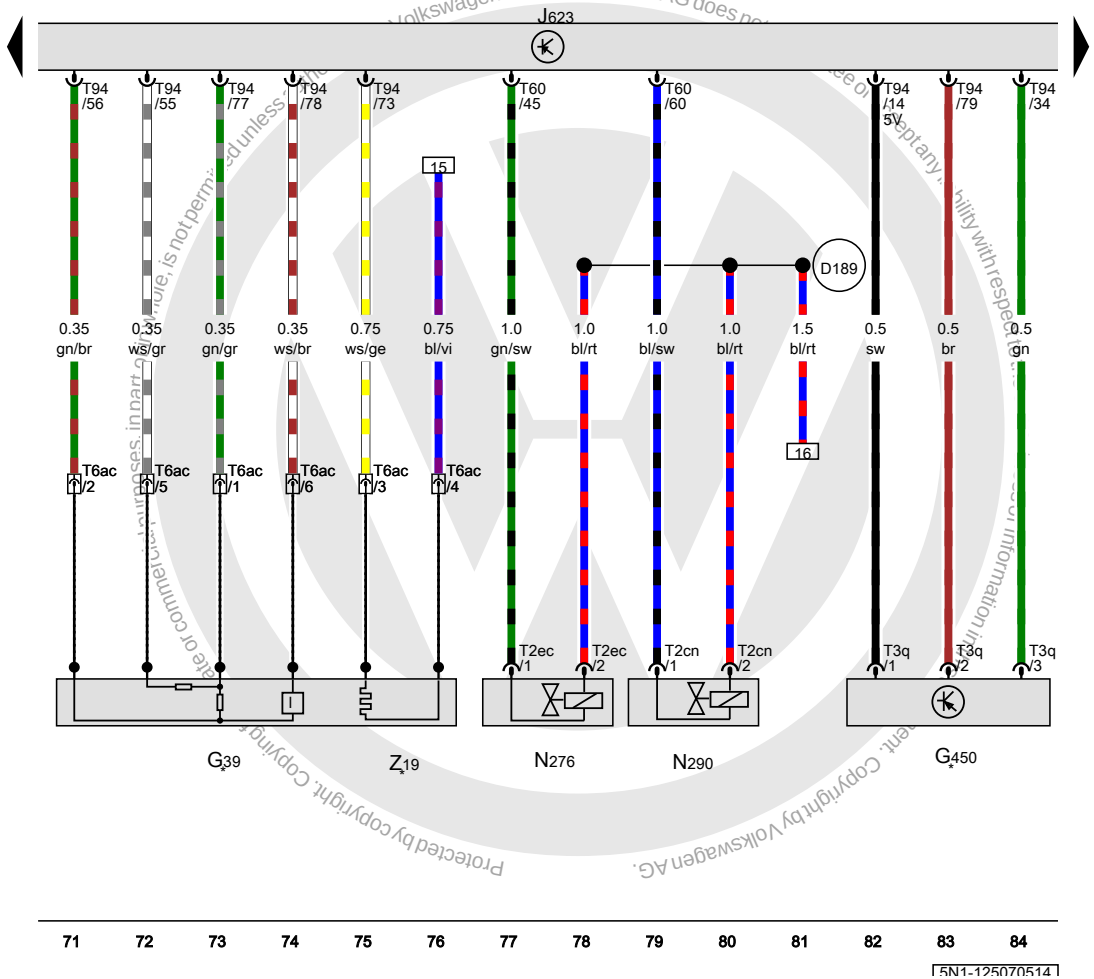
J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J527	Steering column electronics control unit
J623	Engine control unit
T4x	4-pin connector
T7c	7-pin connector
T9	9-pin connector
T16l	16-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Lambda probe, Exhaust gas pressure sensor 1, Engine control unit, Fuel pressure regulating valve, Fuel metering valve

G39	Lambda probe
G450	Exhaust gas pressure sensor 1
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2cn	2-pin connector
T2ec	2-pin connector
T3q	3-pin connector
T6ac	6-pin connector
T60	60-pin connector
T94	94-pin connector
Z19	Lambda probe heater
D189	Connection (87a) in engine prewiring harness
*	According to equipment

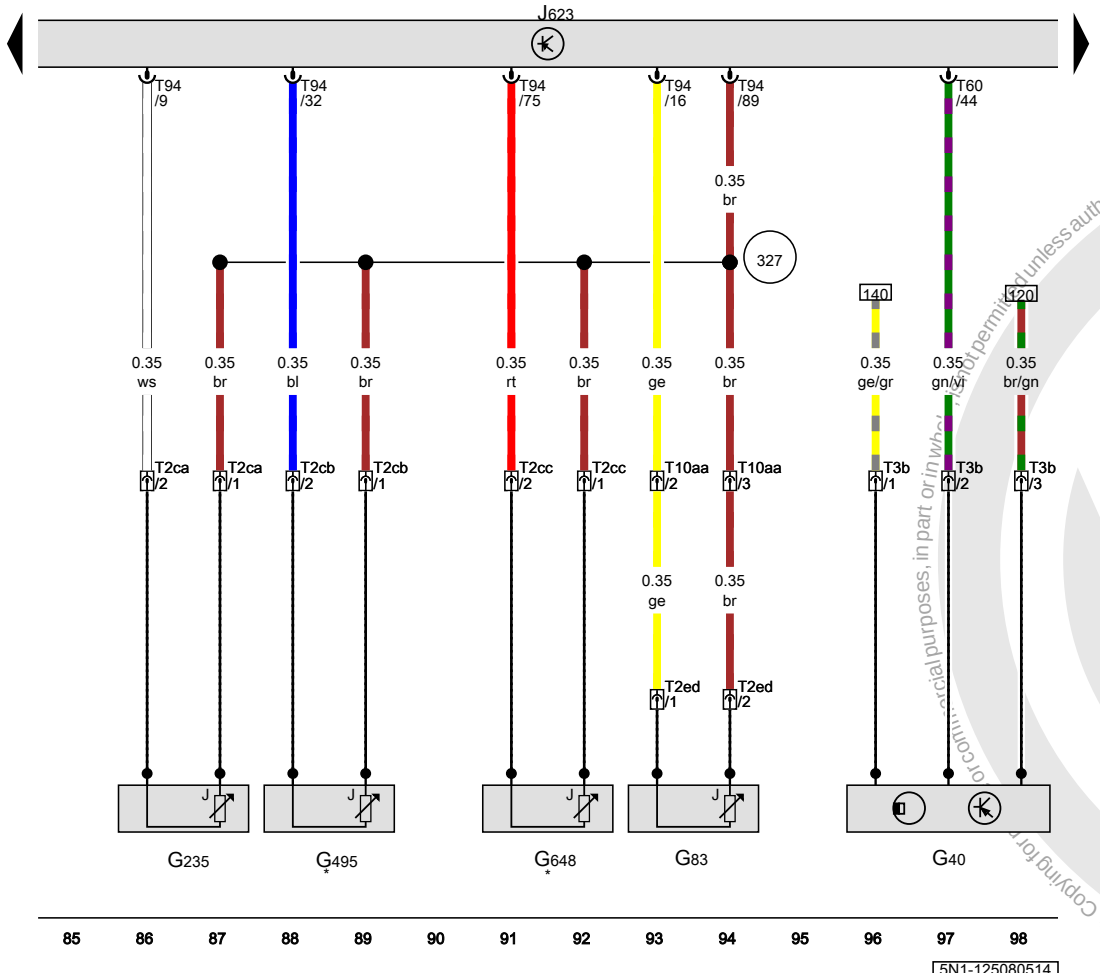


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ge	=	yellow
or	=	orange
rs	=	pink

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Hall sender, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G40	Hall sender
G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T2ca	2-pin connector
T2cb	2-pin connector
T2cc	2-pin connector
T2ed	2-pin connector
T3b	3-pin connector
T10aa	10-pin connector
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
*	According to equipment

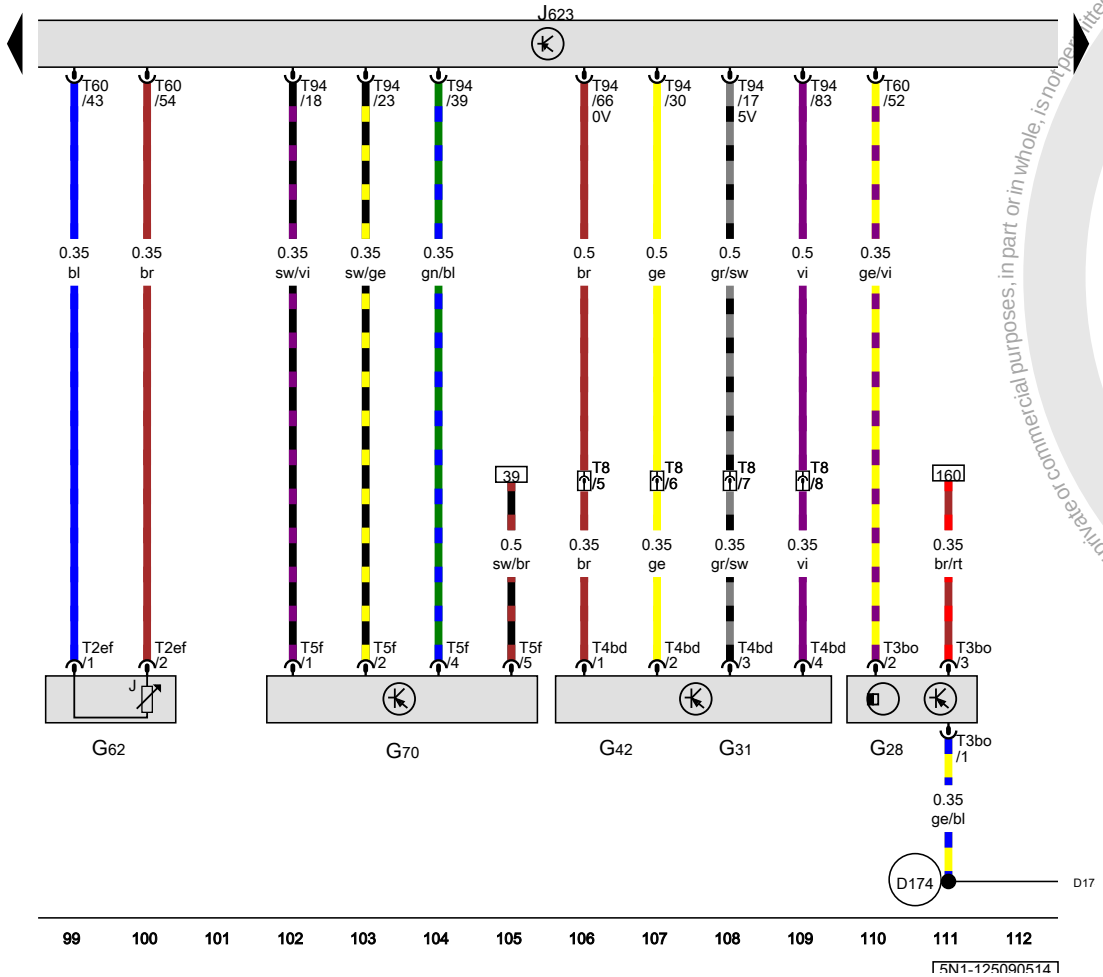


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rs	=	pink

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Engine speed sender, Charge pressure sender, Intake air temperature sender, Coolant temperature sender, Air mass meter, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G70	Air mass meter
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T4bd	4-pin connector
T5f	5-pin connector
T8	8-pin connector
T60	60-pin connector
T94	94-pin connector
D174	Connection 2 (5V) in engine prewiring harness

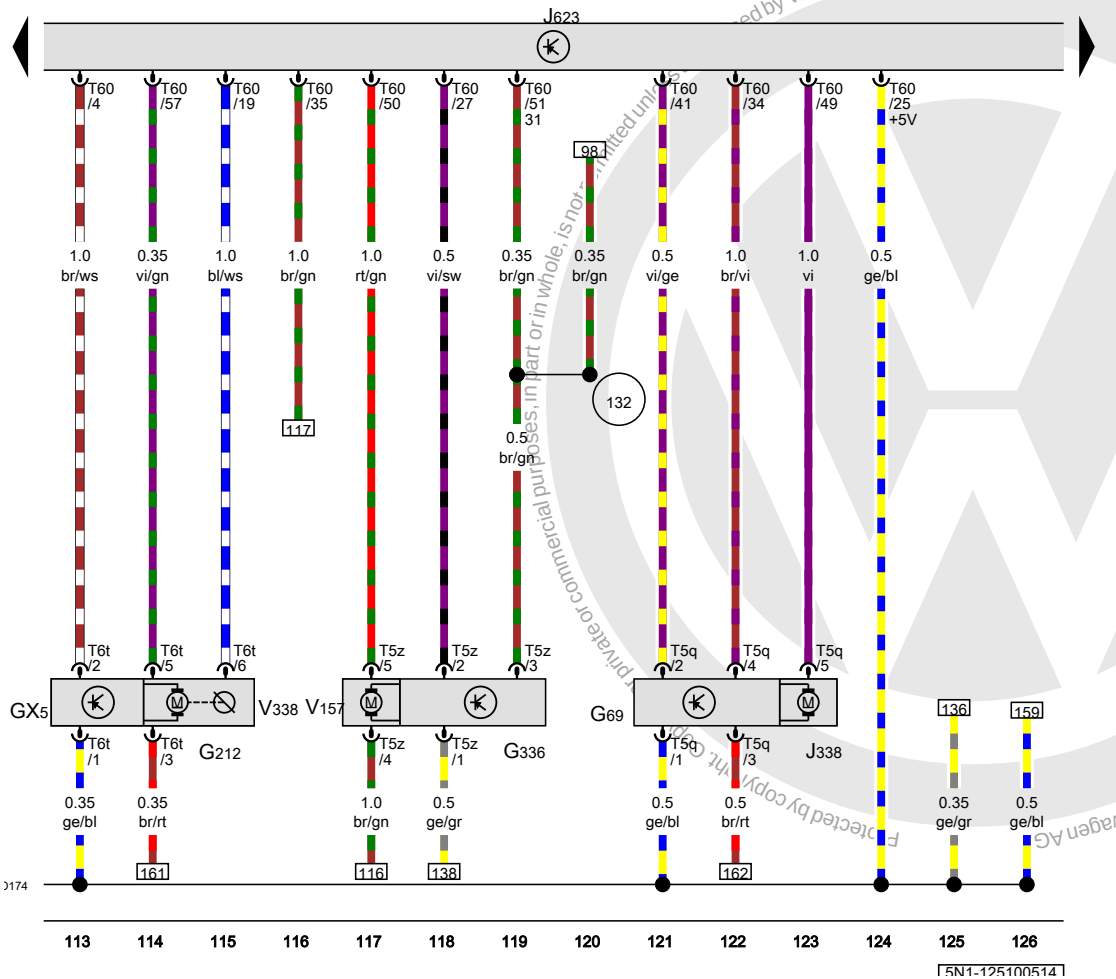


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Exhaust gas recirculation valve 1, Throttle valve potentiometer, Exhaust gas recirculation potentiometer, Intake manifold flap potentiometer, Engine control unit, Intake manifold flap motor, Exhaust gas recirculation control motor

GX5	Exhaust gas recirculation valve 1
G69	Throttle valve potentiometer
G212	Exhaust gas recirculation potentiometer
G336	Intake manifold flap potentiometer
J338	Throttle valve module
J623	Engine control unit
T5q	5-pin connector
T5z	5-pin connector
T6t	6-pin connector
T60	60-pin connector
V157	Intake manifold flap motor
V338	Exhaust gas recirculation control motor
132	Earth connection 3, in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness

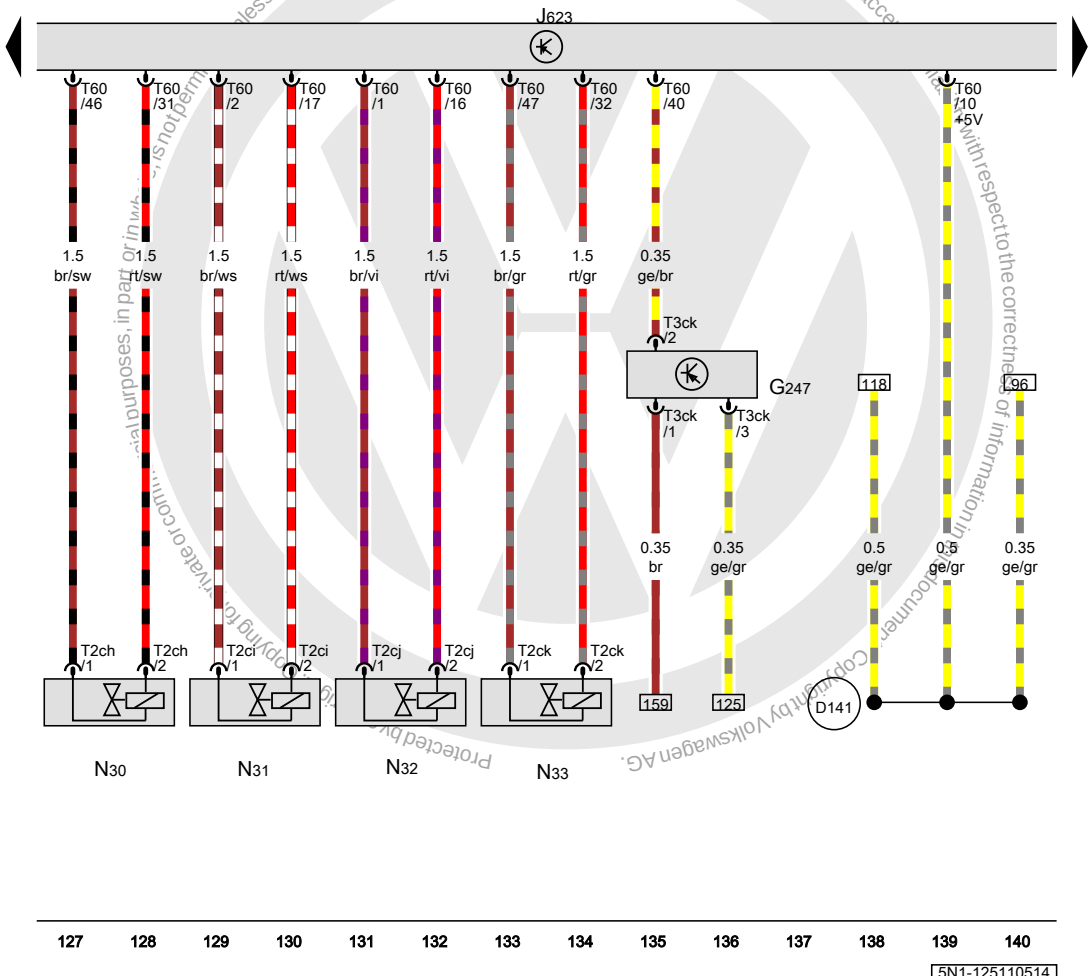


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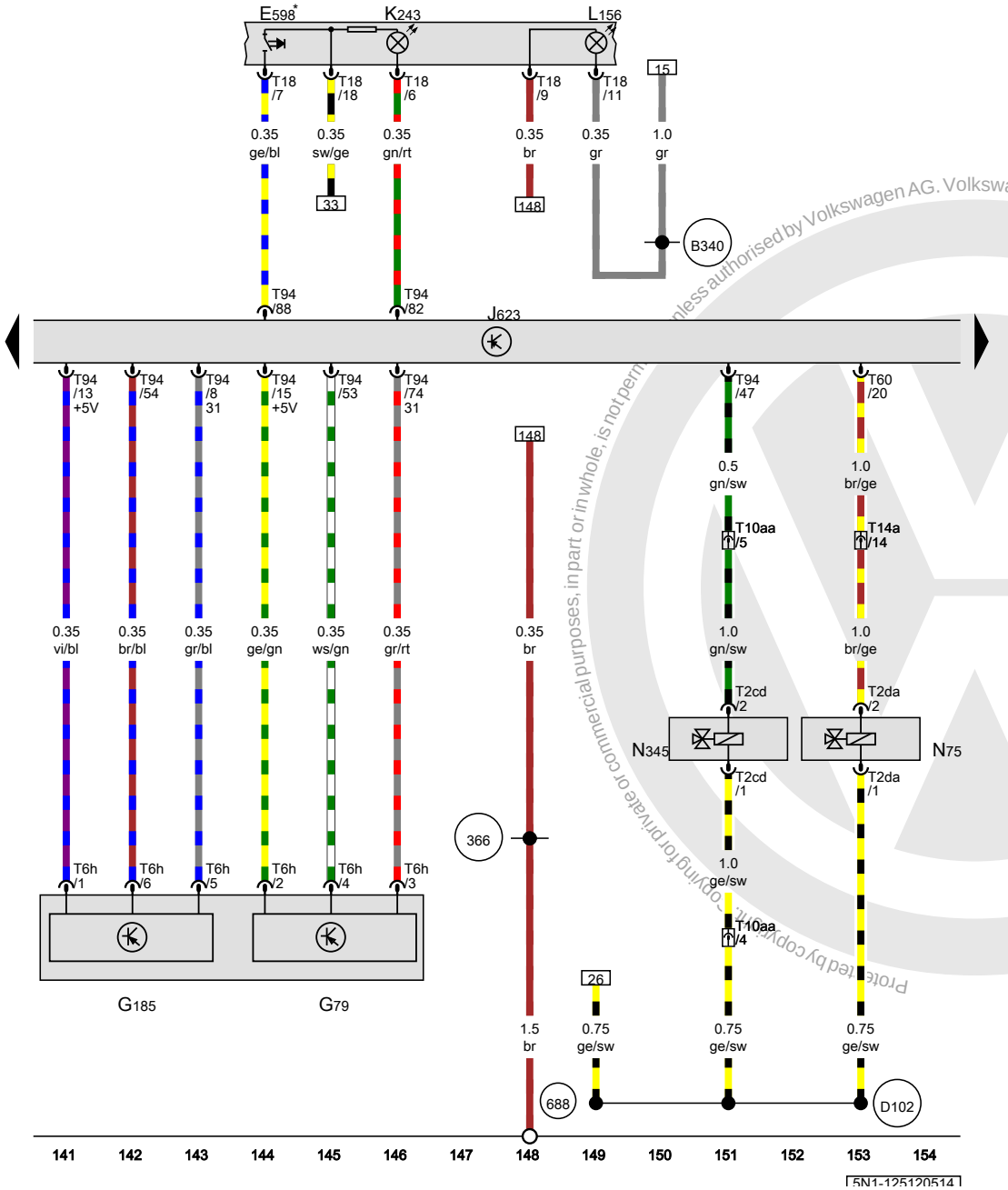
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Fuel pressure sender, Engine control unit, Injector, cylinder 1

G247	Fuel pressure sender
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T3ck	3-pin connector
T60	60-pin connector
D141	Connection (5V) in engine prewiring harness



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rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

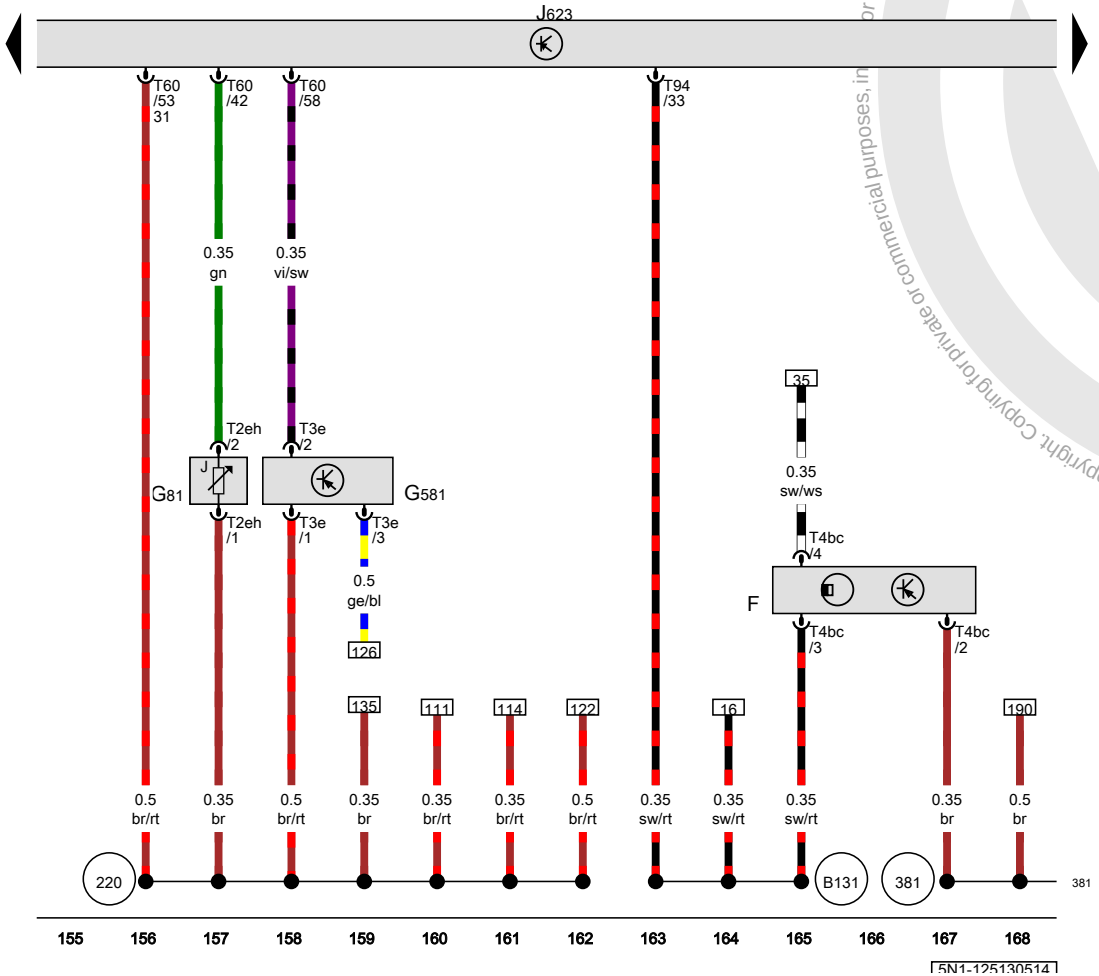
E598	Driving program button
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T2cd	2-pin connector
T2da	2-pin connector
T6h	6-pin connector
T10aa	10-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
D102	Connection 2 in engine compartment wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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Brake light switch, Fuel temperature sender, Position sender for charge pressure positioner, Engine control unit

F	Brake light switch
G81	Fuel temperature sender
G581	Position sender for charge pressure positioner
J623	Engine control unit
T2eh	2-pin connector
T3e	3-pin connector
T4bc	4-pin connector
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness

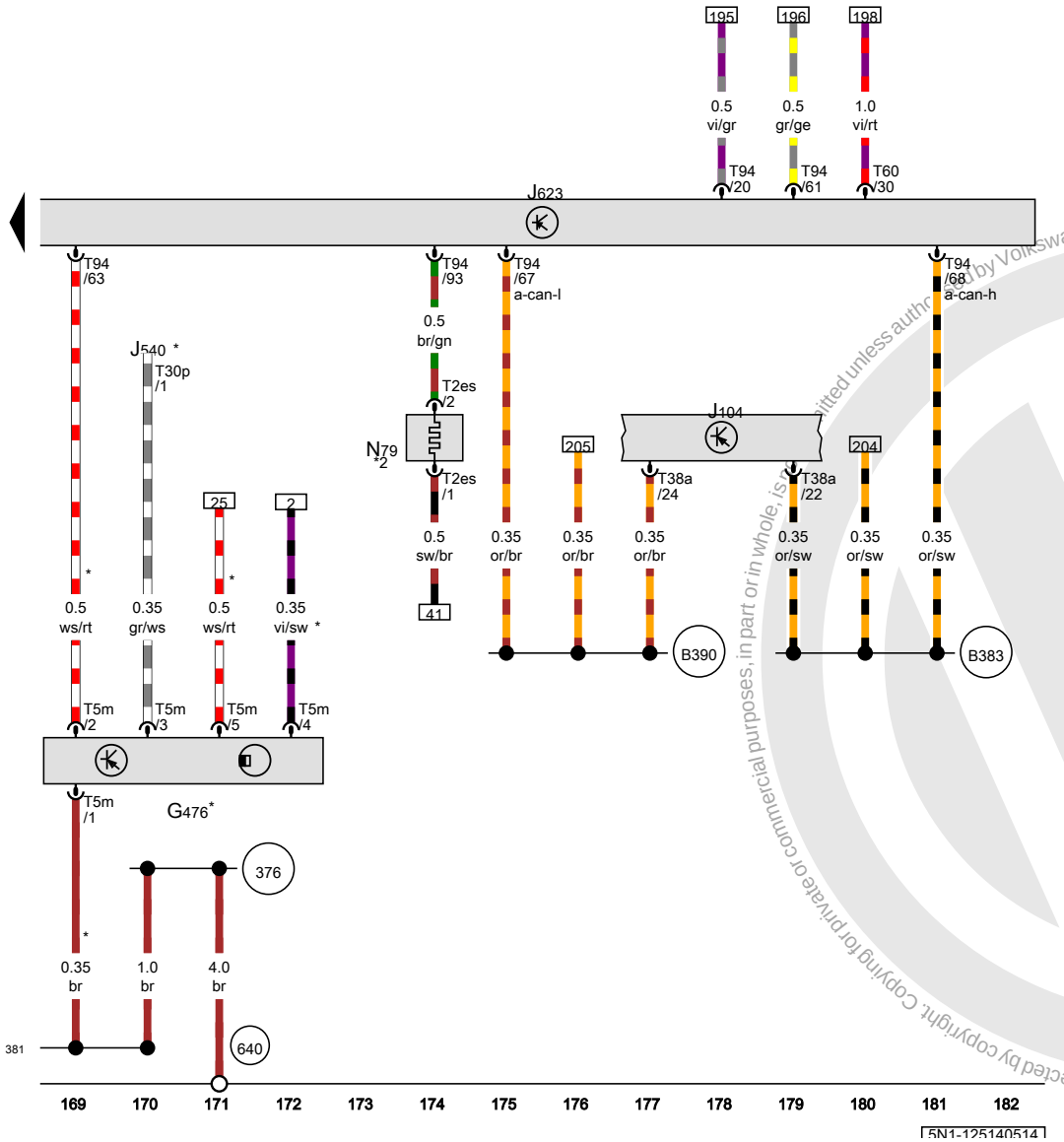


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or = orange
rs = pink

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Clutch position sender, Engine control unit, Heater element for crankcase breather

G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
N79	Heater element for crankcase breather
T2es	2-pin connector
T5m	5-pin connector
T30p	30-pin connector
T38a	38-pin connector
T60	60-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only for countries with cold climate

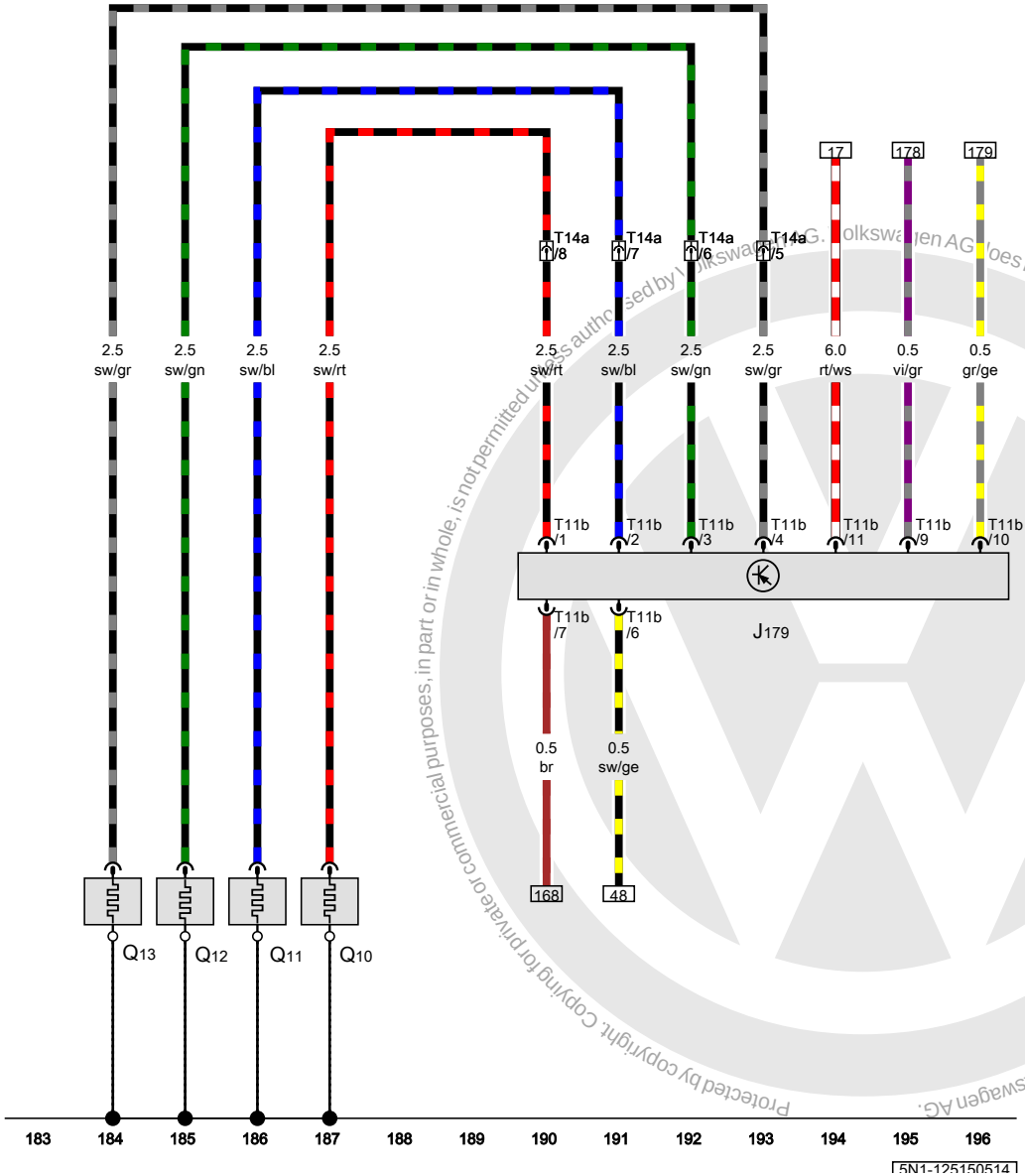


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Automatic glow period control unit, Glow plug 1

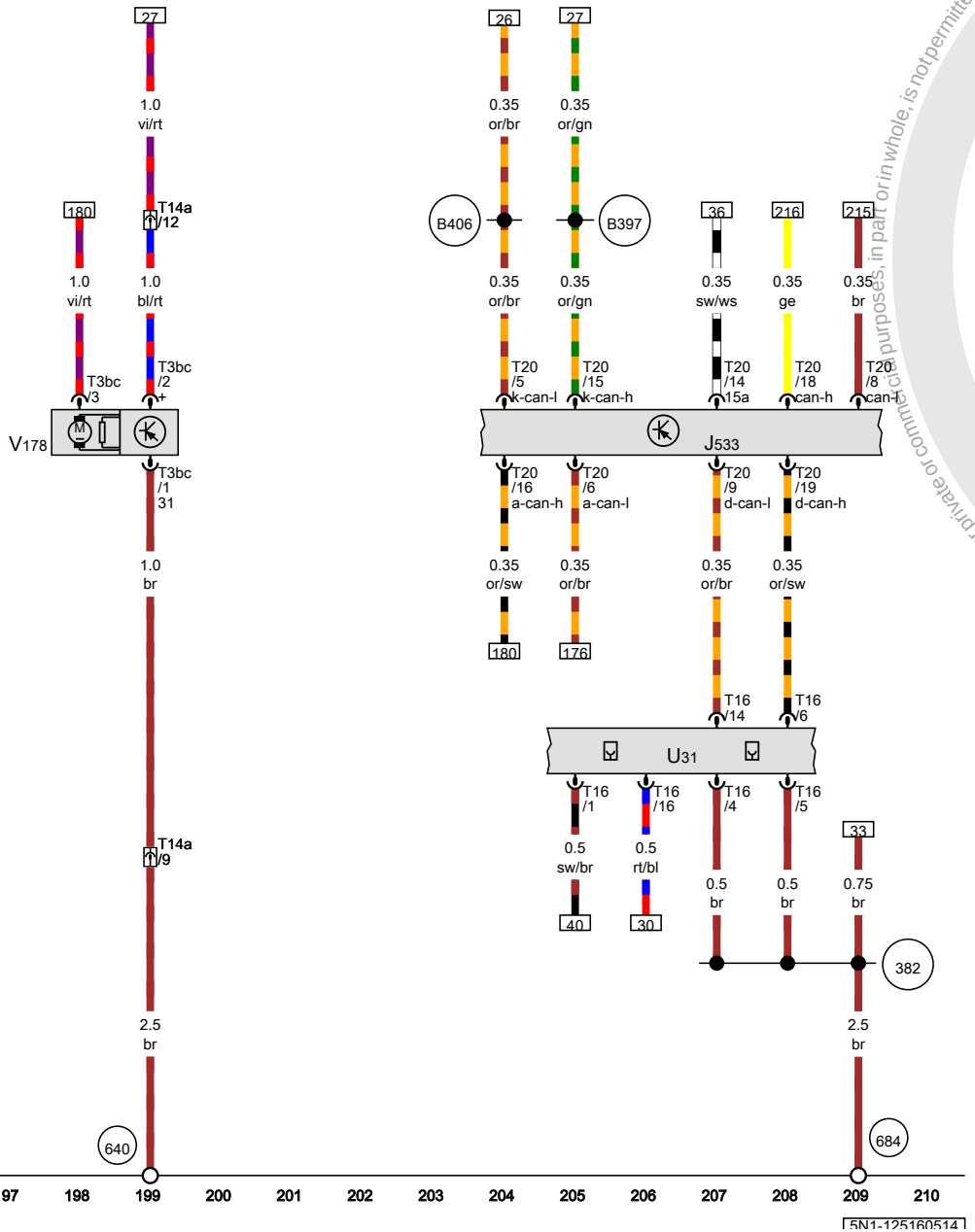
J179 Automatic glow period control unit
Q10 Glow plug 1
Q11 Glow plug 2
Q12 Glow plug 3
Q13 Glow plug 4
T11b 11-pin connector
T14a 14-pin connector



ws = white
sw = black
ro = red
rt = red
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gn = green
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gr = grey
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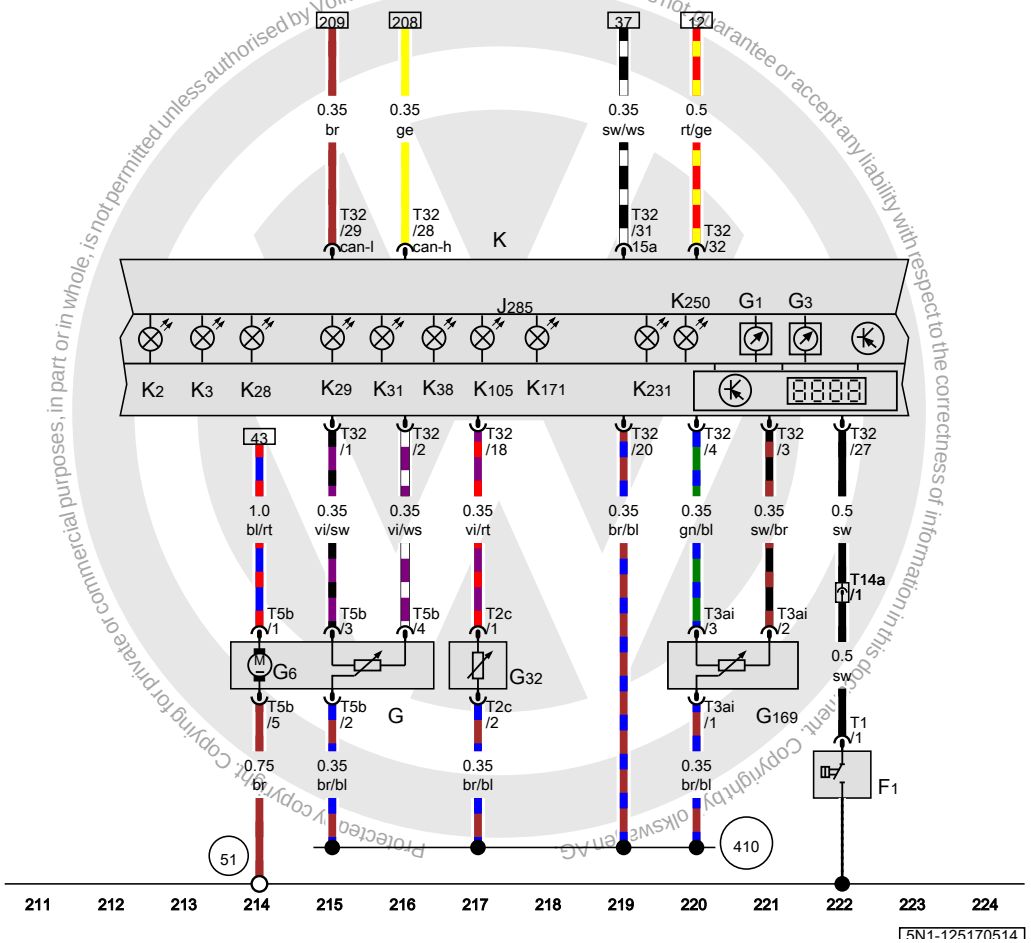
Data bus diagnostic interface, Diagnostic connection, Coolant circulation pump 2

J533	Data bus diagnostic interface
T3bc	3-pin connector
T14a	14-pin connector
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
V178	Coolant circulation pump 2
382	Earth connection 17, in main wiring harness
640	Earth point 2, left in engine compartment
684	Earth point on front of left side member
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
K171	Bonnet open warning lamp
K231	Diesel particulate filter warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T2c	2-pin connector
T3ai	3-pin connector
T5b	5-pin connector
T14a	14-pin connector
T32	32-pin connector
(51)	Earth point, on right in luggage compartment
(410)	Earth connection 1 (sender earth) in main wiring harness



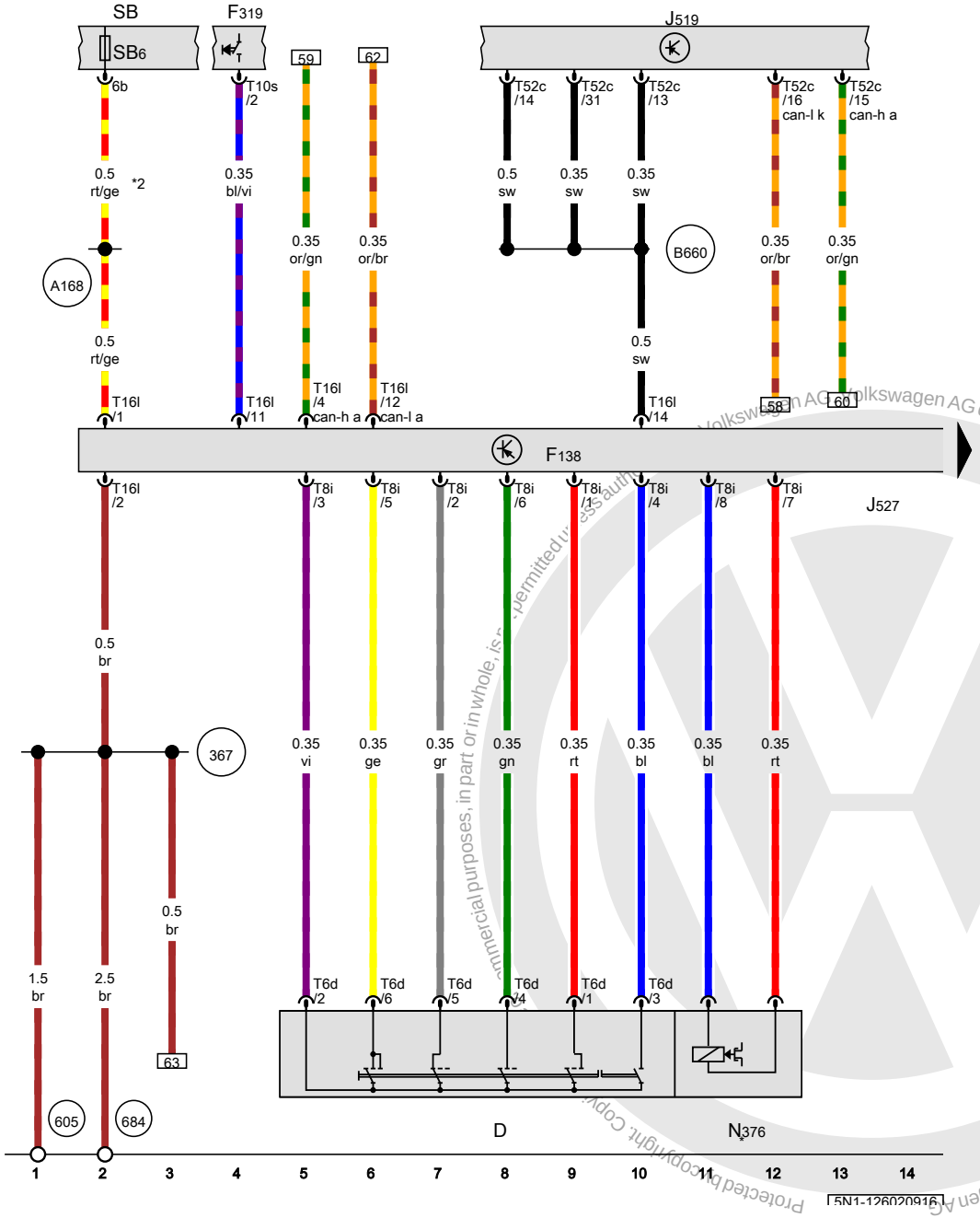
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rs = pink

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Multifunction steering wheel , (2FJ),(2FQ),(2FU),(2PP)

From May 2010

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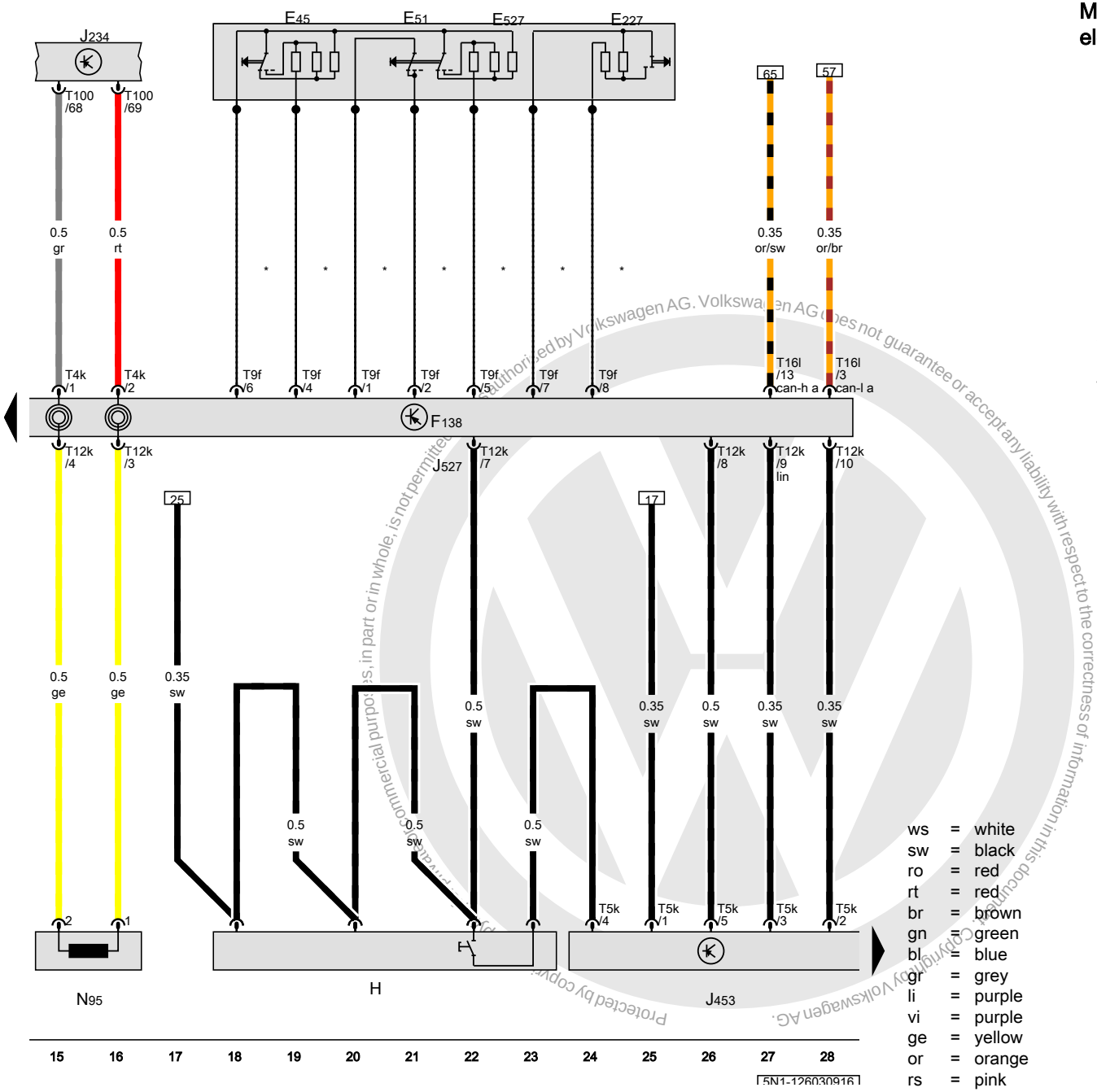


Ignition/starter switch, Onboard supply control unit, Steering column electronics control unit, Ignition key withdrawal lock solenoid

D	Ignition/starter switch
F138	Airbag coil connector and return ring with slip ring
F319	Selector lever locked in position P switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
N376	Ignition key withdrawal lock solenoid
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
T6d	6-pin connector
T8i	8-pin connector
T10s	10-pin connector
T16l	16-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
A168	Positive connection 4 (30a) in dash panel wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with automatic gearbox
*2	Up to May 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Cruise control system switch, Airbag control unit, Multifunction steering wheel control unit, Steering column electronics control unit, Driver side airbag igniter

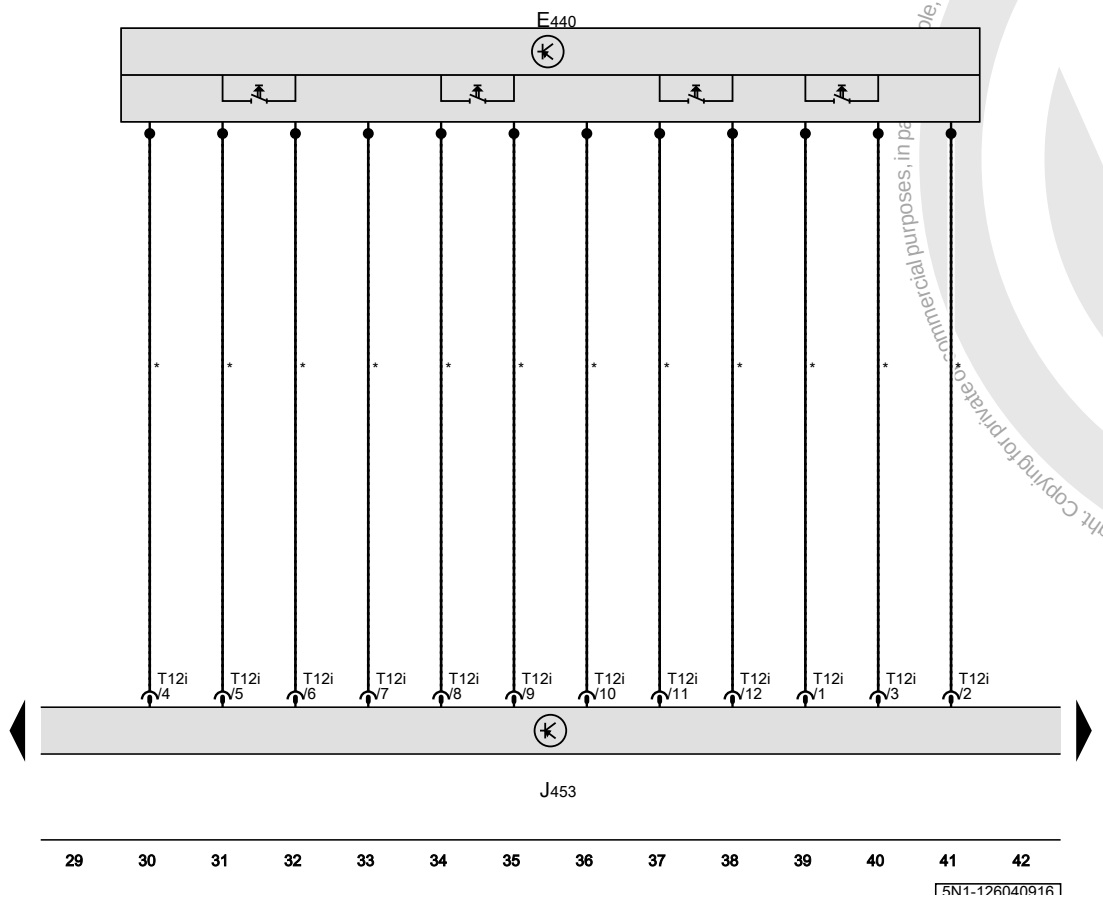
E45	Cruise control system switch
E51	Cruise control system master switch
E227	Cruise control system (CCS) SET button
E527	Button to temporarily switch cruise control system (CCS) off
F138	Airbag coil connector and return ring with slip ring
H	Horn plate
J234	Airbag control unit
J453	Multifunction steering wheel control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
T4k	4-pin connector
T5k	5-pin connector
T9f	9-pin connector
T12k	12-pin connector
T16l	16-pin connector
T100	100-pin connector
*	Adapter wire

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rt	=	red
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gn	=	green
bl	=	blue
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Multifunction buttons on left in steering wheel, Multifunction steering wheel control unit

E440 Multifunction buttons on left in steering wheel
J453 Multifunction steering wheel control unit
T12i 12-pin connector
* Flat conductor

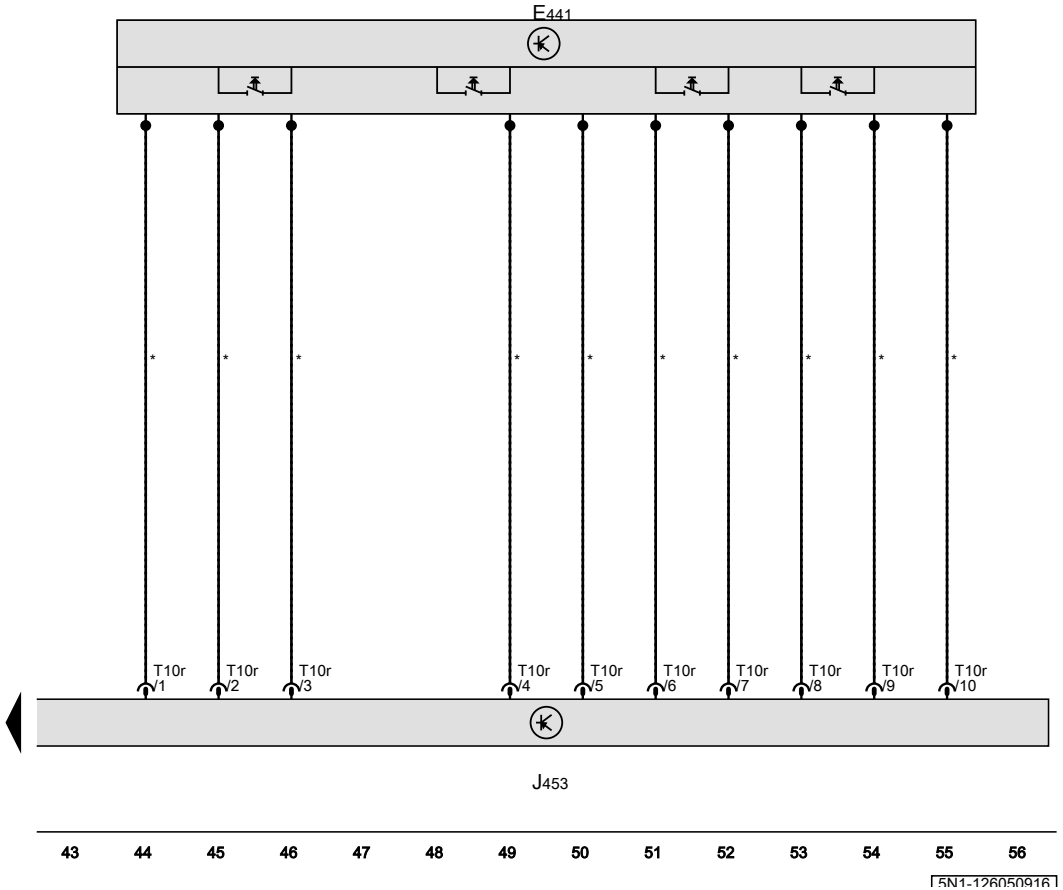


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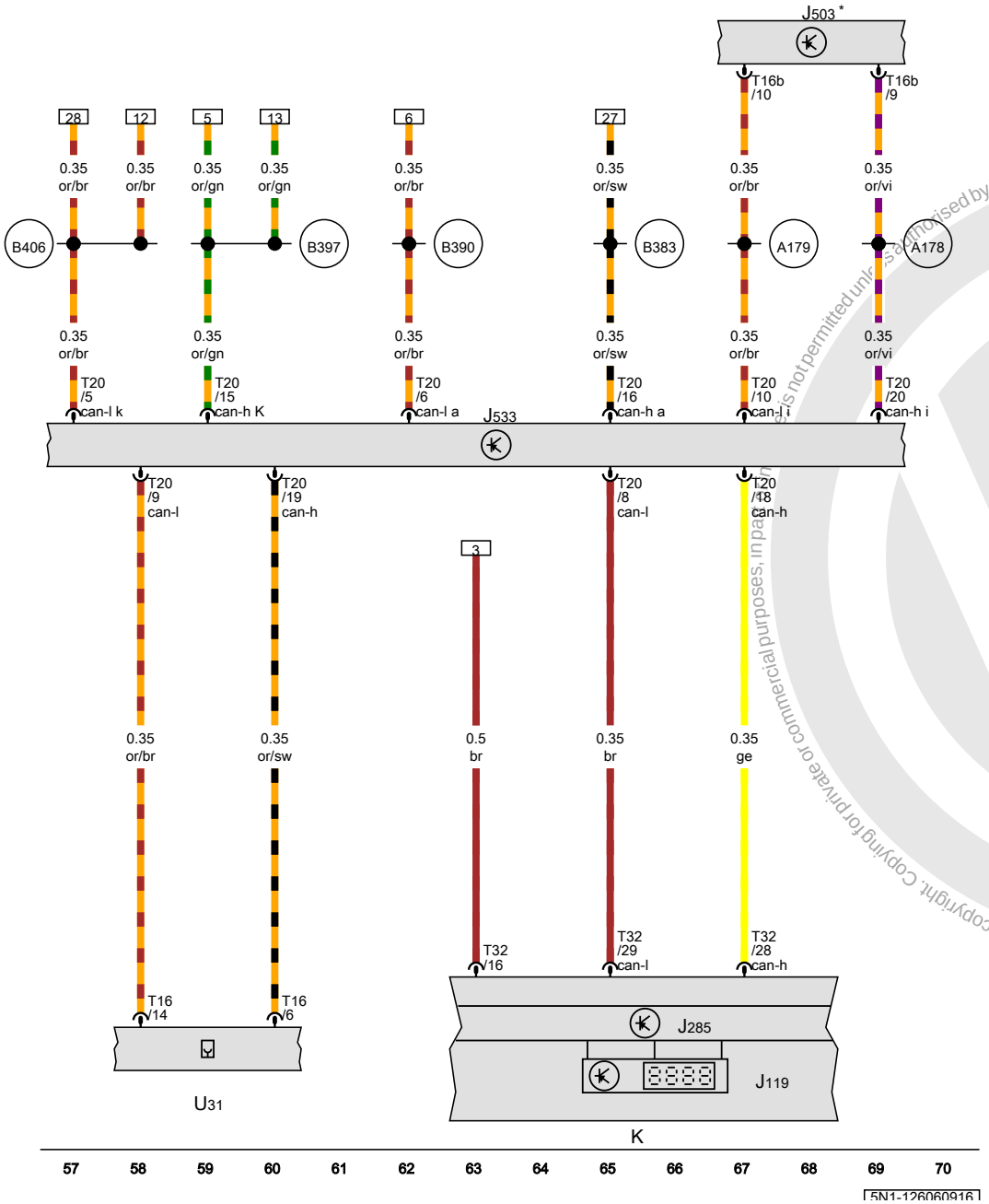
Multifunction buttons on right in steering wheel, Multifunction steering wheel control unit

E441	Multifunction buttons on right in steering wheel
J453	Multifunction steering wheel control unit
T10r	10-pin connector
*	Flat conductor



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Data bus diagnostic interface, Dash panel insert, Diagnostic connection

J119	Multifunction indicator
J285	Control unit in dash panel insert
J503	Control unit with display for radio and navigation
J533	Data bus diagnostic interface
K	Dash panel insert
T16	16-pin connector
T16b	16-pin connector
T20	20-pin connector
T32	32-pin connector
U31	Diagnostic connection
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	According to equipment

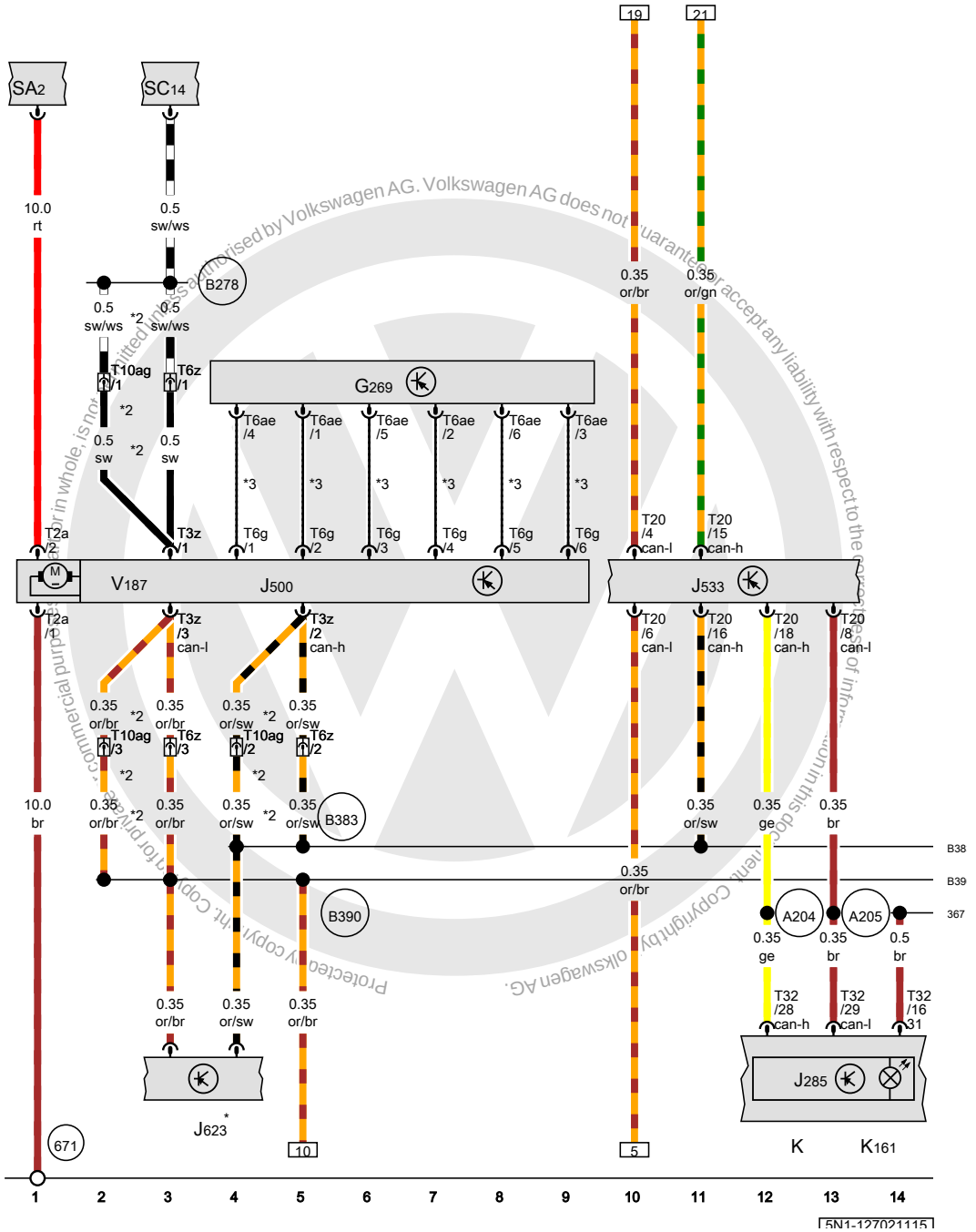
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Power assisted steering , (L0L)

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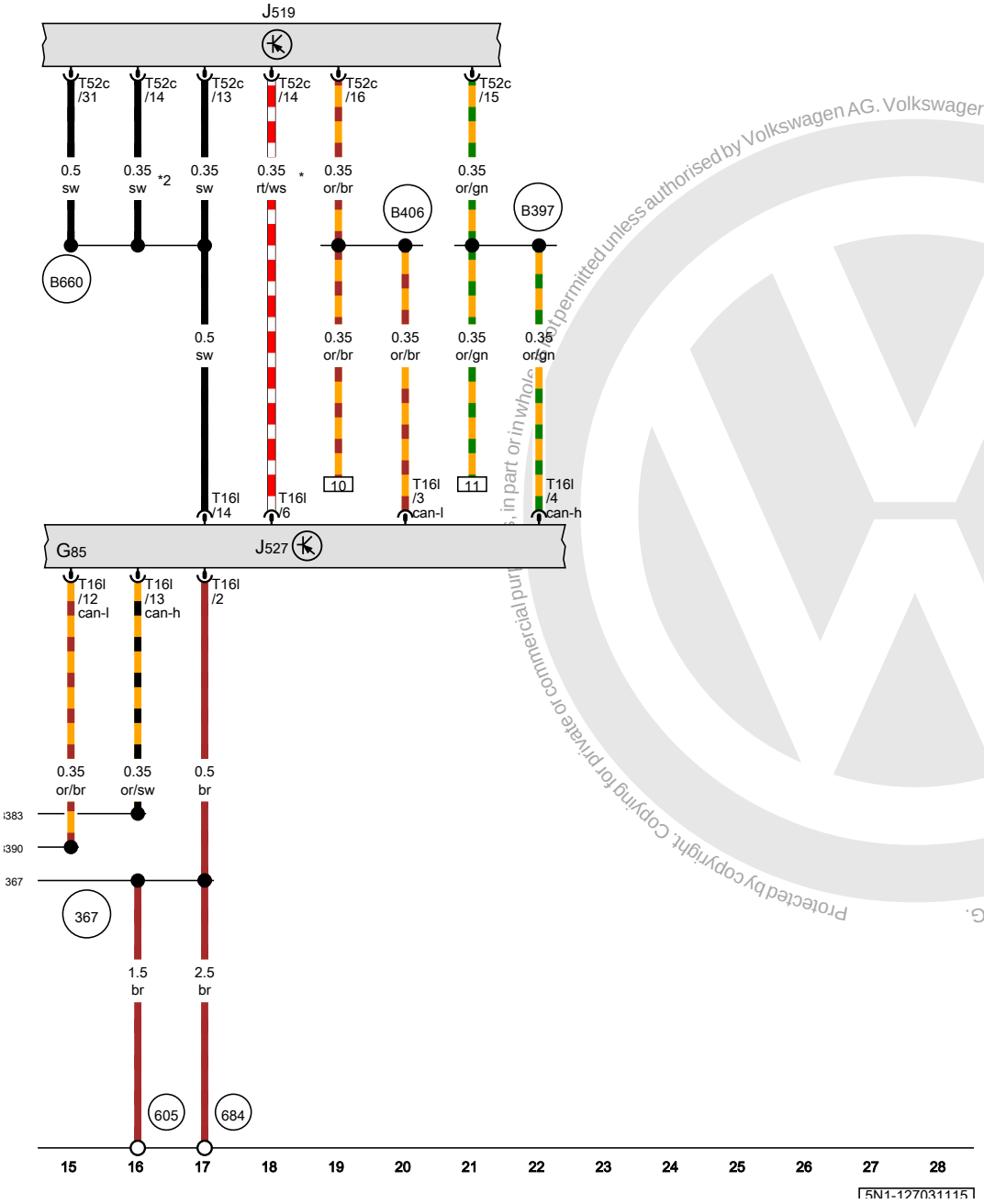


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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or = orange
rs = pink

Steering moment sender, Control unit in dash panel insert, Power steering control unit, Data bus diagnostic interface, Engine control unit, Dash panel insert, Electromechanical power steering warning lamp, Electromechanical power steering motor

G269	Steering moment sender
J285	Control unit in dash panel insert
J500	Power steering control unit
J533	Data bus diagnostic interface
J623	Engine control unit
K	Dash panel insert
K161	Electromechanical power steering warning lamp
SA2	Fuse 2 in fuse holder A
SC14	Fuse 14 on fuse holder C
T2a	2-pin connector
T3z	3-pin connector
T6ae	6-pin connector
T6g	6-pin connector
T6z	6-pin connector
T10ag	10-pin connector, black
T20	20-pin connector
T32	32-pin connector
V187	Electromechanical power steering motor
367	Earth connection 2, in main wiring harness
671	Earth point 1, on front of left longitudinal member
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Adapter wire

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Steering angle sender, Onboard supply control unit, Steering column electronics control unit

G85	Steering angle sender
J519	Onboard supply control unit
J527	Steering column electronics control unit
T16l	16-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with no start/stop system
*2	Only models with start/stop system

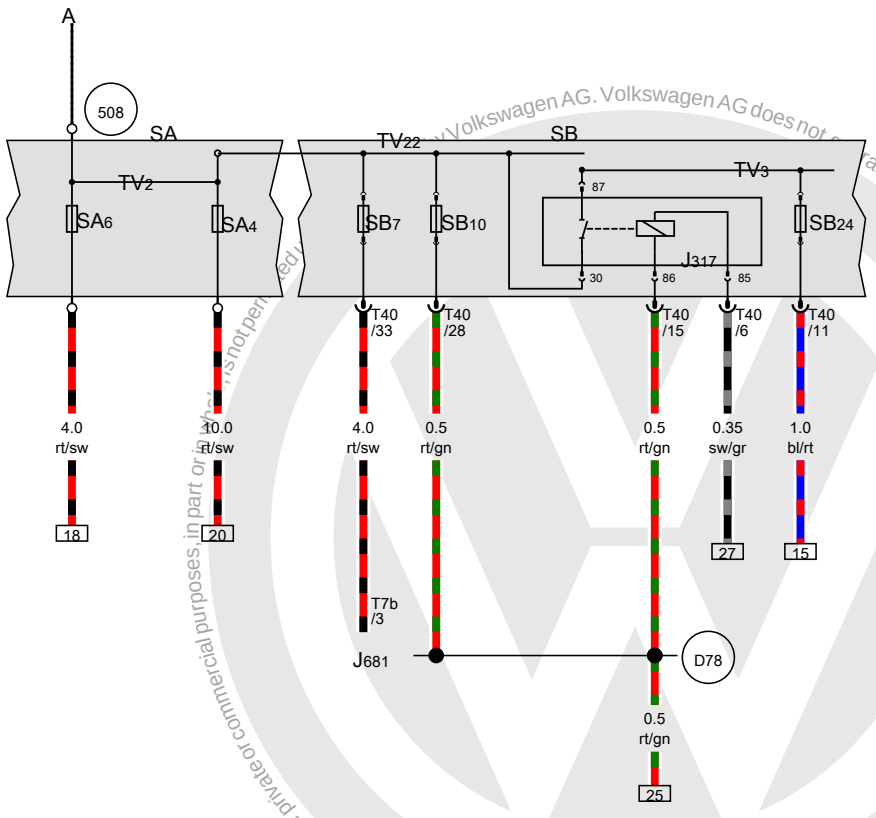
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Auxiliary air heater (PTC) , (7E6)

From May 2010

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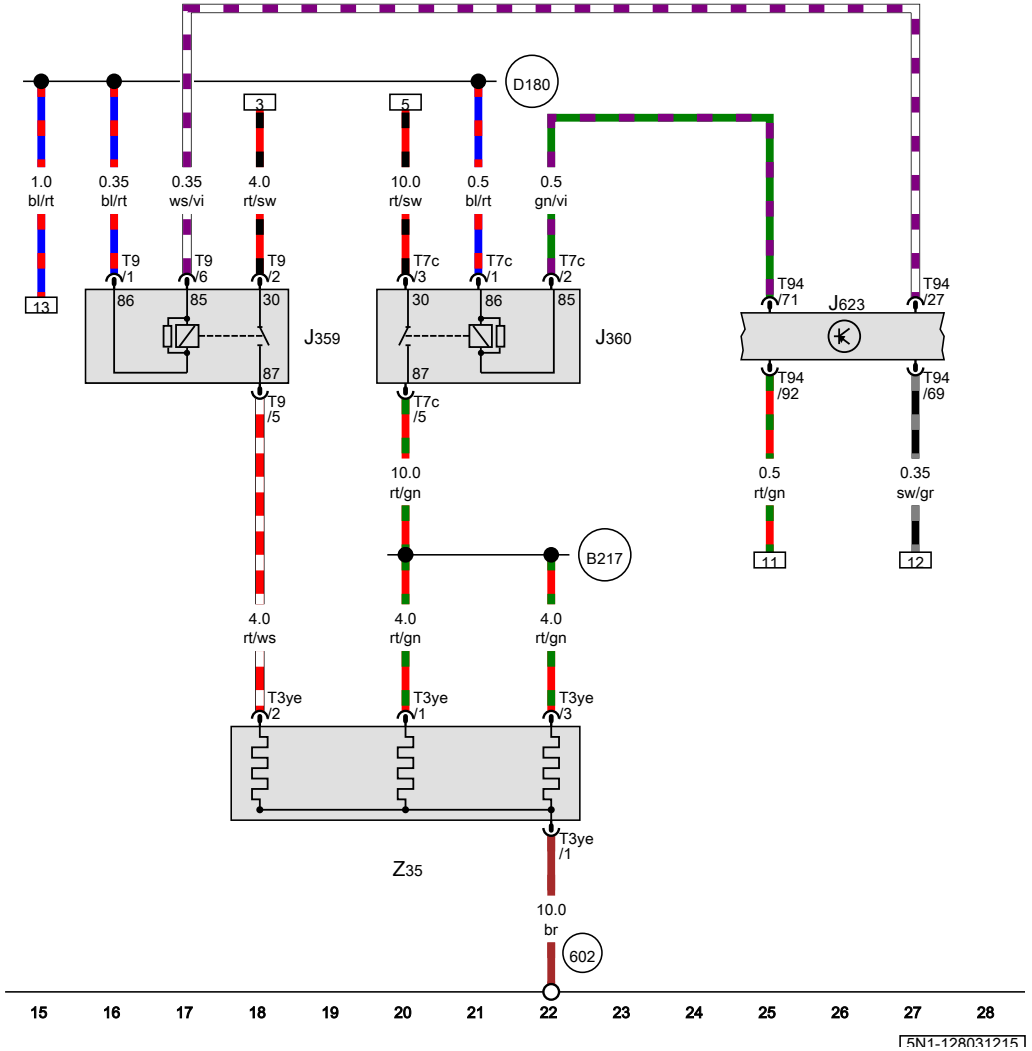
Battery, Fuse holder A, Fuse holder B

A	Battery
J317	Terminal 30 voltage supply relay
J681	Terminal 15 voltage supply relay 2
SA	Fuse holder A
SA4	Fuse 4 in fuse holder A
SA6	Fuse 6 in fuse holder A
SB	Fuse holder B
SB7	Fuse 7 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB24	Fuse 24 on fuse holder B
T7b	7-pin connector
TV2	Terminal 30 wiring junction
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
508	Threaded connection (30) on E-box
D78	Positive connection 1 (30a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Low heat output relay, High heat output relay, Engine control unit, Auxiliary air heater element

J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
T3ye	3-pin connector
T7c	7-pin connector
T9	9-pin connector
T94	94-pin connector
Z35	Auxiliary air heater element
602	Earth point, in front left footwell
B217	Connection (auxiliary heater), in interior wiring harness
D180	Connection (87a), in engine compartment wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

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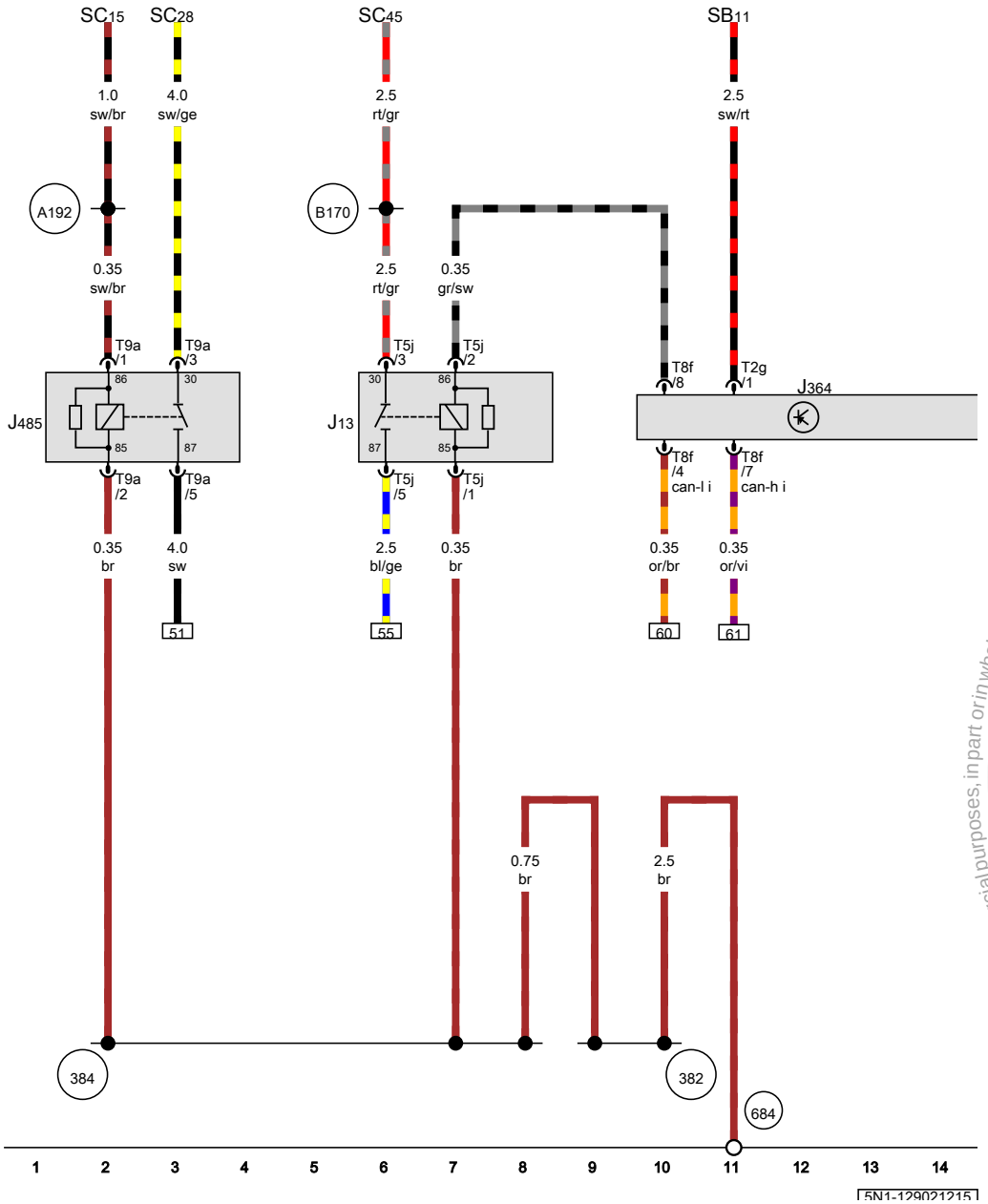
Auxiliary coolant heater , (9M5),(9M9)

From May 2010

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Fresh air blower relay, Auxiliary heater control unit, Auxiliary heater operation relay

J13	Fresh air blower relay
J364	Auxiliary heater control unit
J485	Auxiliary heater operation relay
SB11	Fuse 11 on fuse holder B
SC15	Fuse 15 on fuse holder C
SC28	Fuse 28 on fuse holder C
SC45	Fuse 45 on fuse holder C
T2g	2-pin connector
T5j	5-pin connector
T8f	8-pin connector
T9a	9-pin connector
382	Earth connection 17, in main wiring harness
384	Earth connection 19, in main wiring harness
684	Earth point on front of left side member
A192	Positive connection 3 (15a) in dash panel wiring harness
B170	Positive connection 2 (30), in interior wiring harness

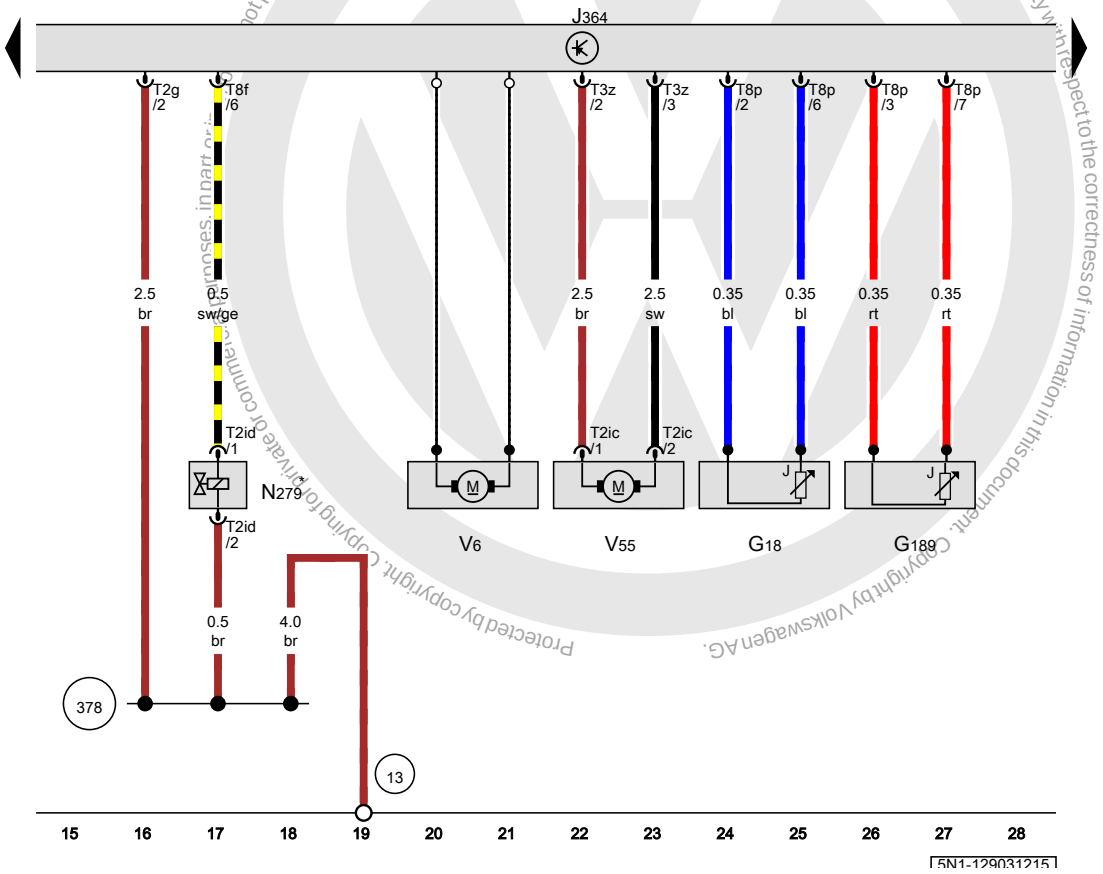


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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

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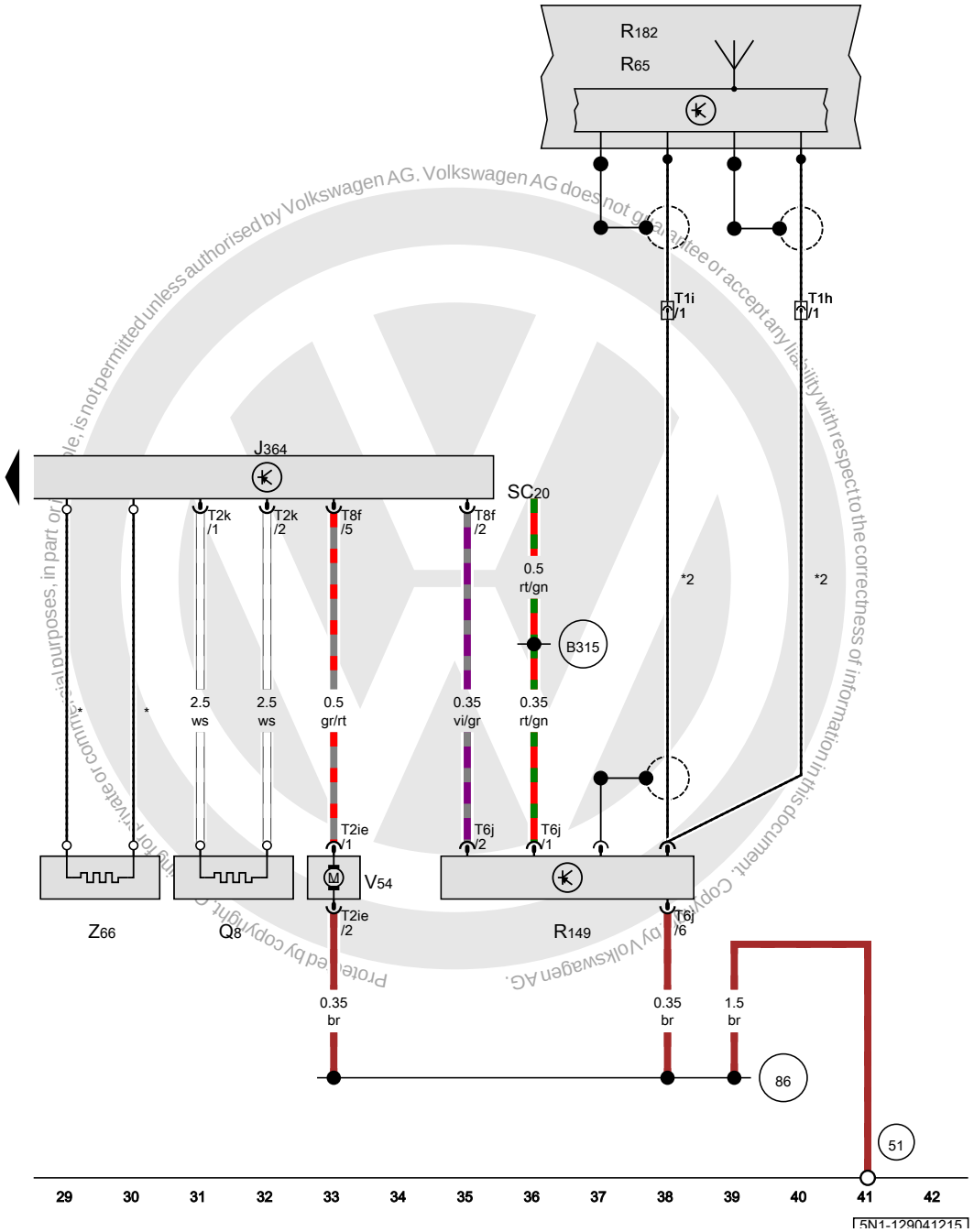
Temperature sensor, Overheating sensor, Auxiliary heater control unit, Heater coolant shut-off valve, Combustion air blower, Circulation pump

G18	Temperature sensor
G189	Overheating sensor
J364	Auxiliary heater control unit
N279	Heater coolant shut-off valve
T2g	2-pin connector
T2ic	2-pin connector
T2id	2-pin connector
T3z	3-pin connector
T8f	8-pin connector
T8p	8-pin connector
V6	Combustion air blower
V55	Circulation pump
13	Earth point, on right in engine compartment
378	Earth connection 13, in main wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
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rs	=	pink

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Auxiliary heater control unit, Glow plug with flame monitor, Telephone aerial, Remote control receiver for auxiliary coolant heater, Auxiliary heater aerial, Metering pump, Fuel pre-heating heater element

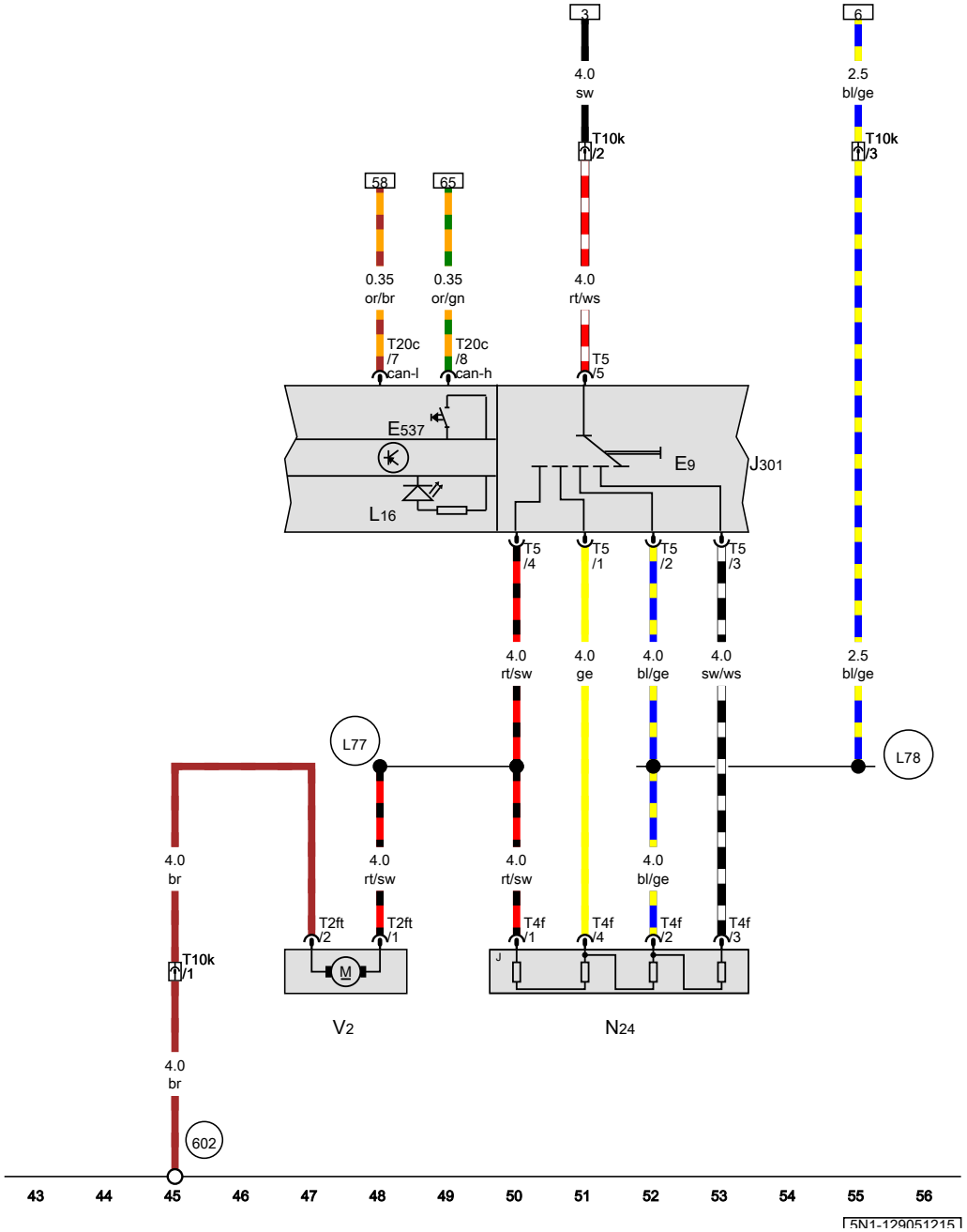
J364	Auxiliary heater control unit
Q8	Glow plug with flame monitor
R65	Telephone aerial
R149	Remote control receiver for auxiliary coolant heater
R182	Auxiliary heater aerial
SC20	Fuse 20 on fuse holder C
T1h	Single connector
T1i	Single connector
T2ie	2-pin connector
T2k	2-pin connector
T6j	6-pin connector
T8f	8-pin connector
V54	Metering pump
Z66	Fuel pre-heating heater element
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	Only models with diesel engine
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

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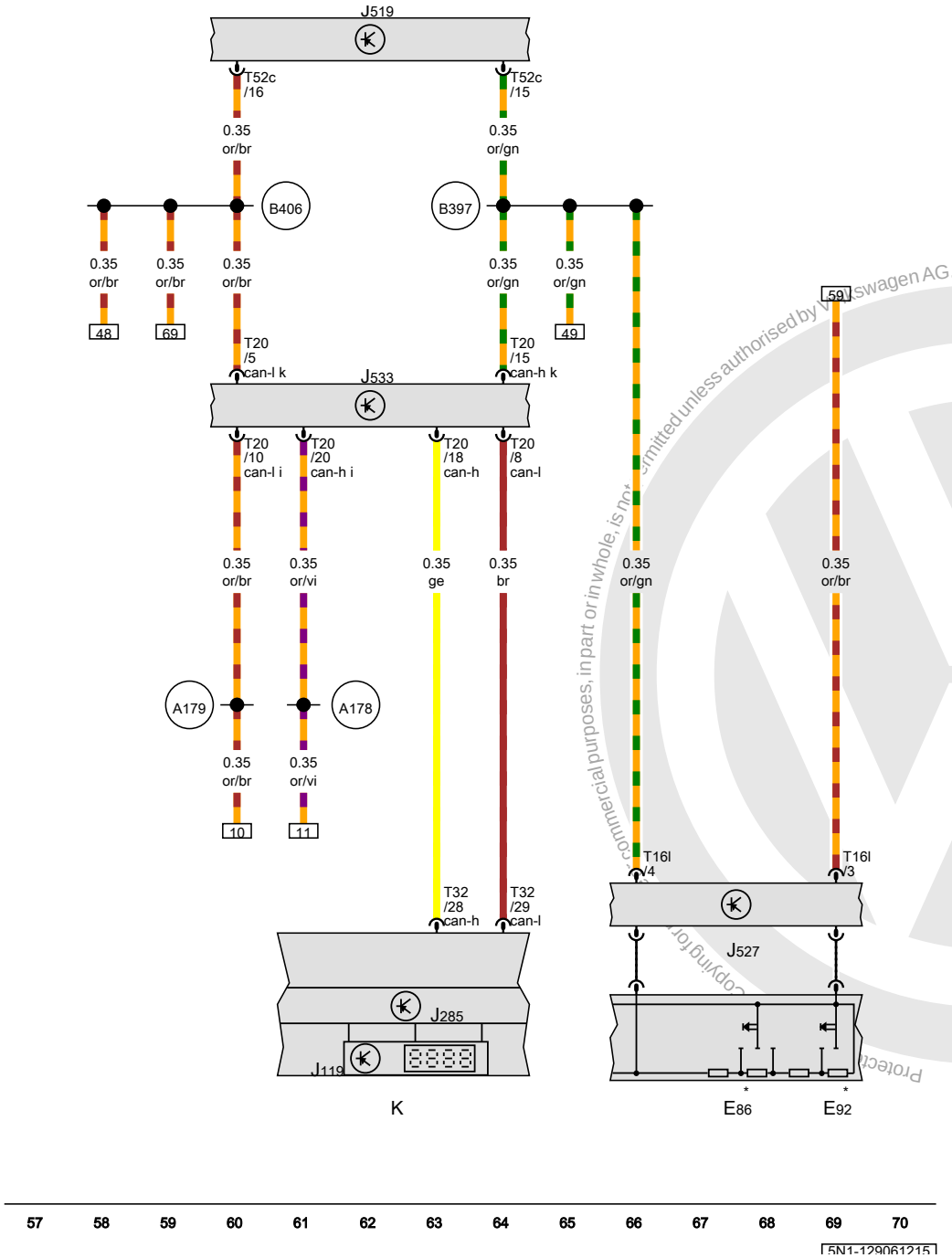
Instant heating button, Air conditioning system control unit, Fresh air blower

E9	Fresh air blower switch
E537	Instant heating button
J301	Air conditioning system control unit
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
T2ft	2-pin connector
T4f	4-pin connector
T5	5-pin connector
T10k	10-pin connector
T20c	20-pin connector
V2	Fresh air blower
602	Earth point, in front left footwell
L77	Connection, in fresh air blower wiring harness
L78	Connection 1, in fresh air blower wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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Multifunction display call-up button, Reset button, Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface, Dash panel insert

E86	Multifunction display call-up button
E92	Reset button
J119	Multifunction indicator
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
K	Dash panel insert
T16l	16-pin connector
T20	20-pin connector
T32	32-pin connector
T52c	52-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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li	=	purple
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rs	=	pink

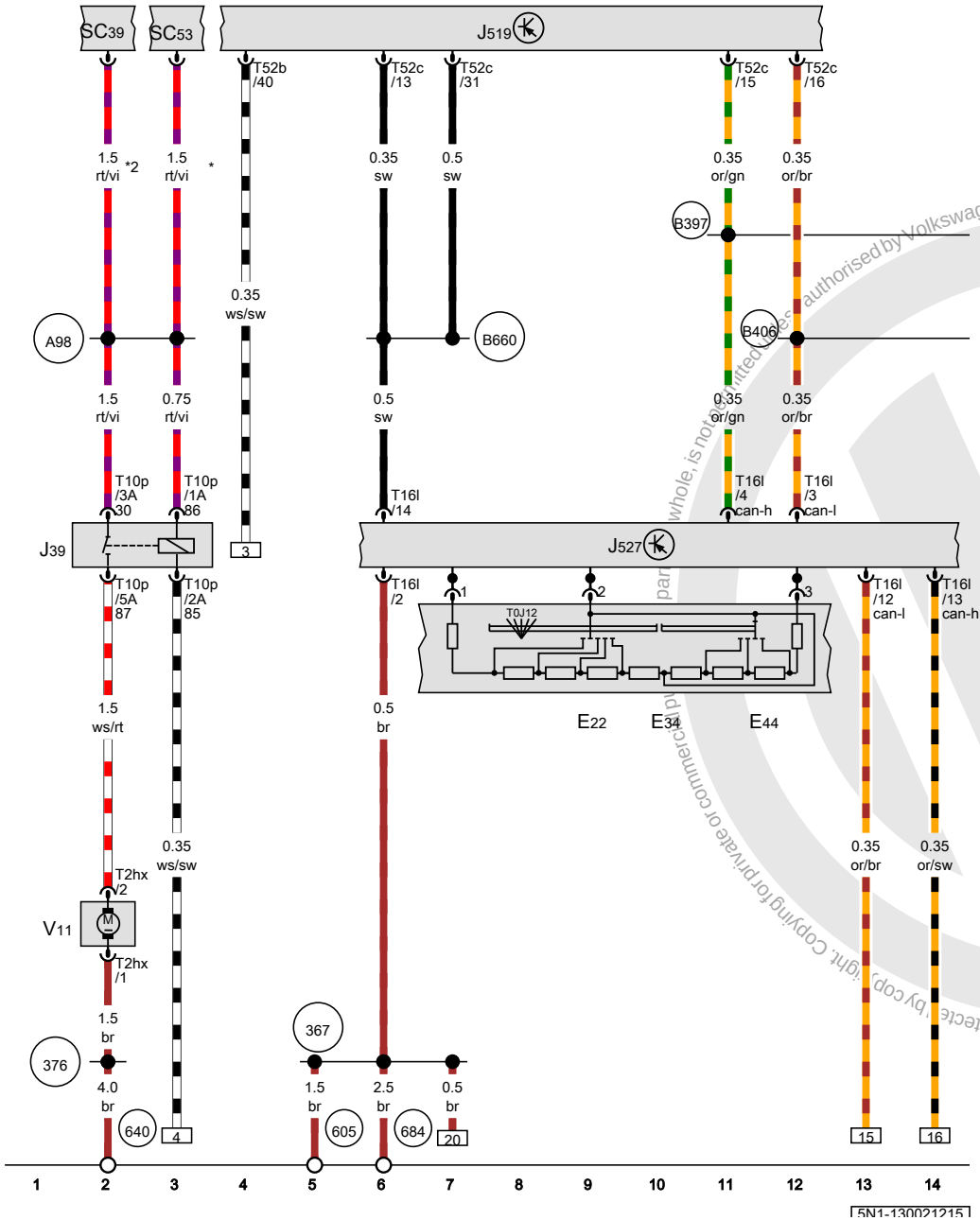
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Headlight washer system , (8X1)

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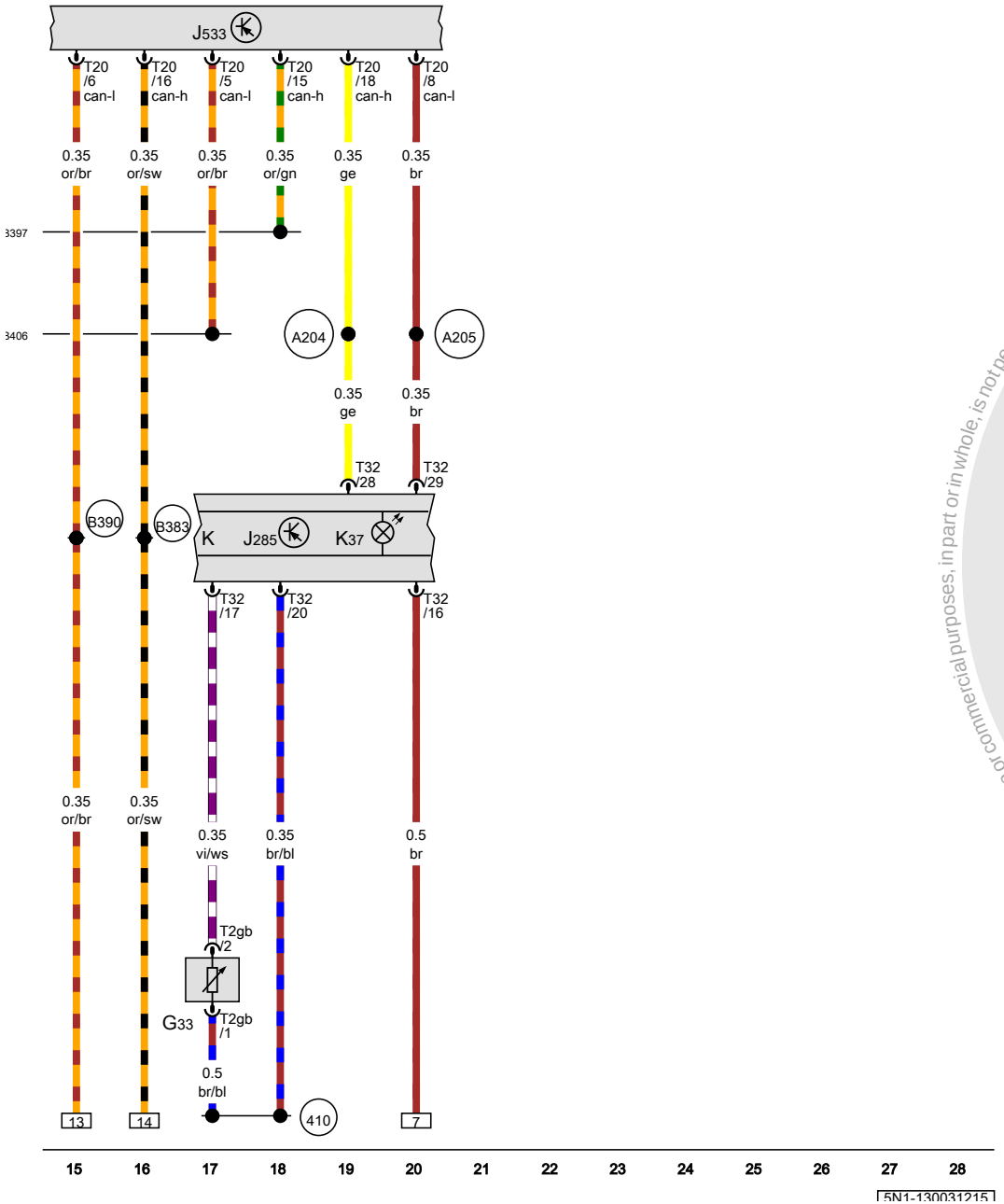


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Intermittent wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Headlight washer system relay, Onboard supply control unit, Steering column electronics control unit, Fuse 53 on fuse holder C, Headlight washer system pump

E22	Intermittent wiper switch
E34	Rear wiper switch
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
J39	Headlight washer system relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
SC39	Fuse 39 on fuse holder C
SC53	Fuse 53 on fuse holder C
T2hx	2-pin connector
T10p	10-pin connector
T16l	16-pin connector
T52b	52-pin connector
T52c	52-pin connector
V11	Headlight washer system pump
367	Earth connection 2, in main wiring harness
376	Earth connection 11, in main wiring harness
605	Earth point, on top end of steering column
640	Earth point 2, left in engine compartment
684	Earth point on front of left side member
A98	Positive connection 4 (30), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Up to May 2010
*2	From May 2010

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Windscreen washer fluid level sender, Data bus diagnostic interface

G33	Windscreen washer fluid level sender
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K	Dash panel insert
K37	Washer fluid level warning lamp
T2gb	2-pin connector
T20	20-pin connector
T32	32-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

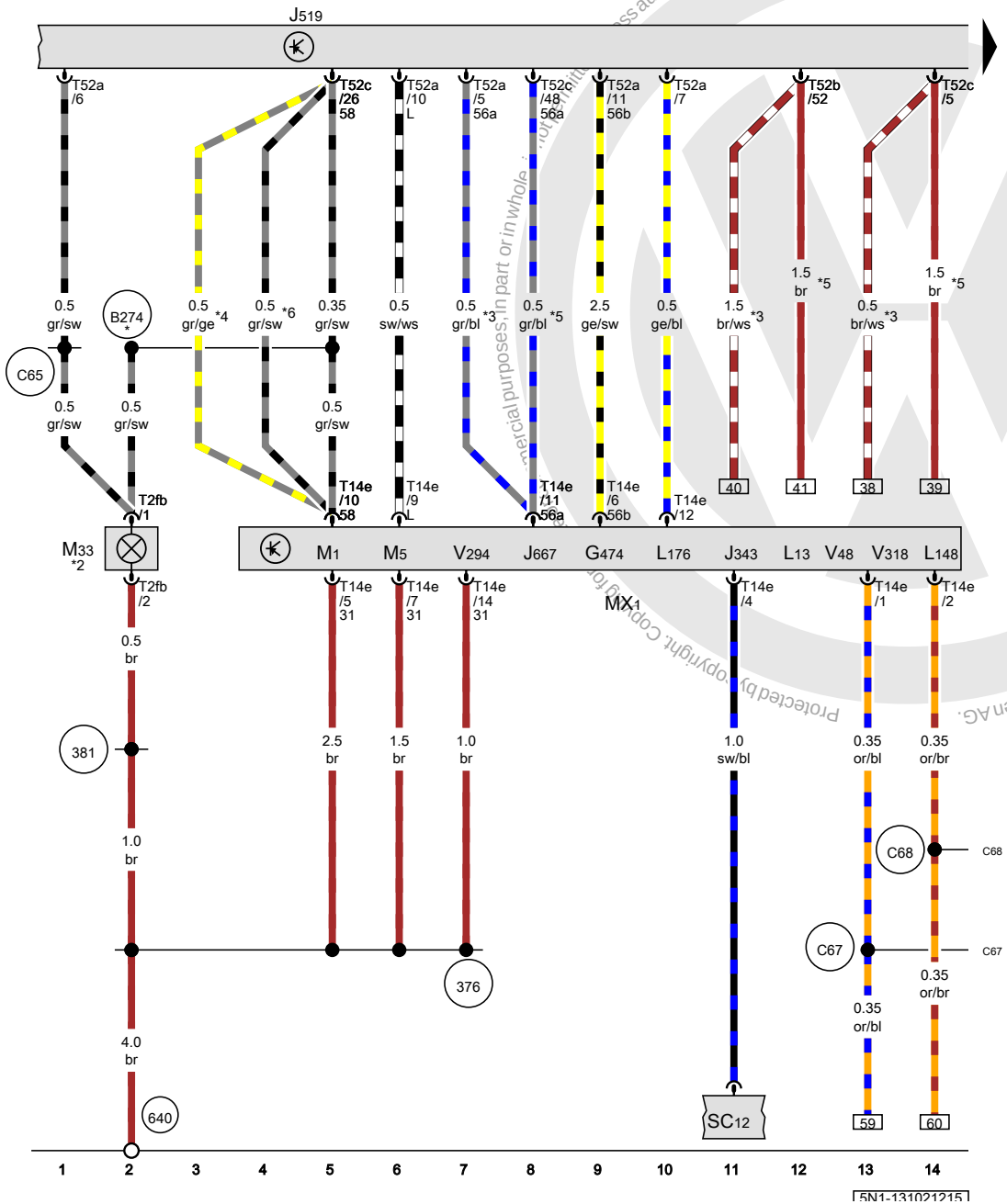
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Headlight with gas discharge light , (8BV),(8IM),(8IP),(8JF),(8JX)

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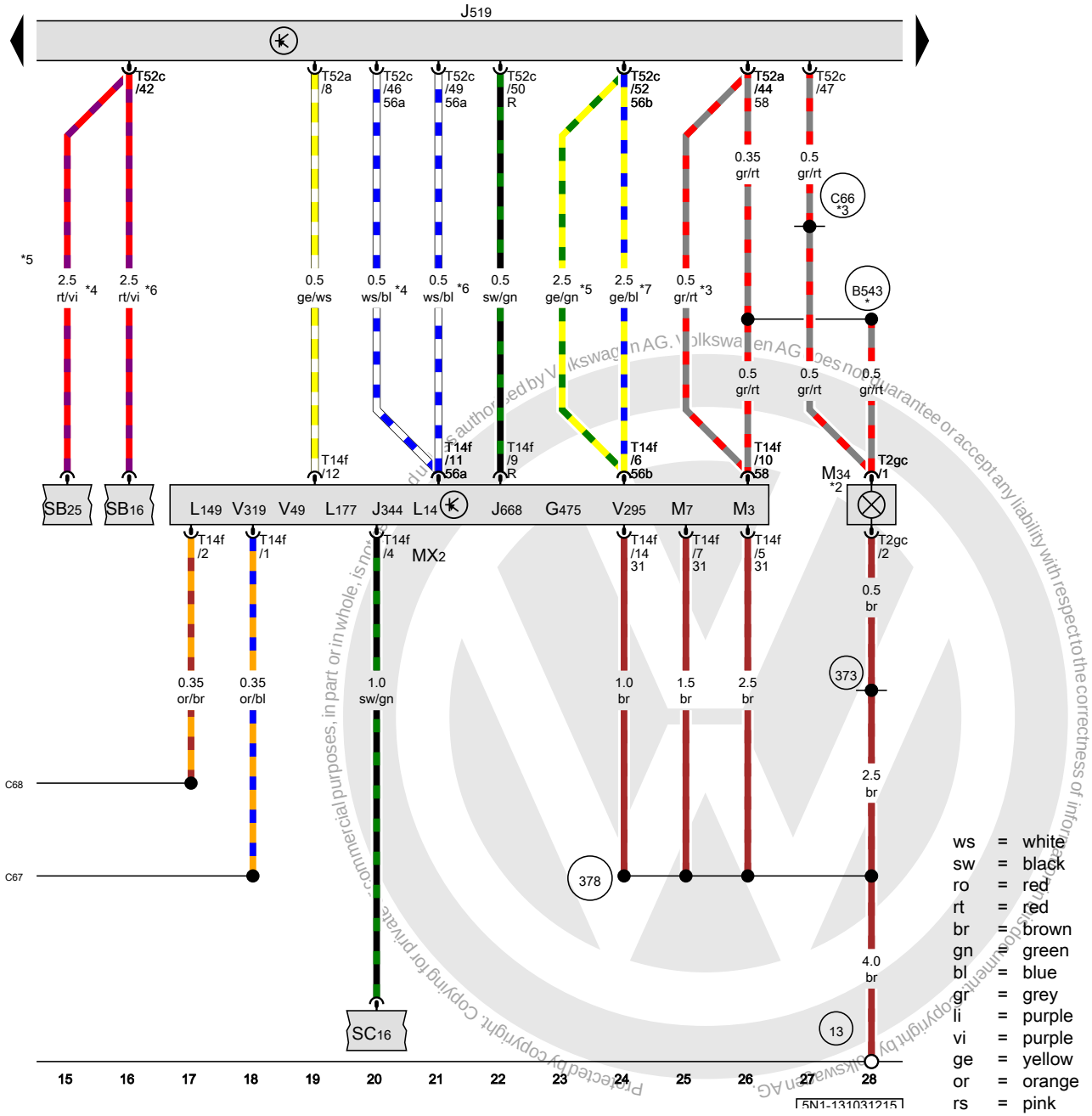


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Left gas discharge bulb control unit, Onboard supply control unit, Output module for left headlight, Front left headlight, Front left side marker bulb

G474	Left swivel module position sensor
J343	Left gas discharge bulb control unit
J519	Onboard supply control unit
J667	Output module for left headlight
L13	Left gas discharge (xenon) bulb
L148	Left cornering light bulb
L176	Left LED module for daytime running light and side light
MX1	Front left headlight
M1	Left side light bulb
M5	Front left turn signal bulb
M33	Front left side marker bulb
SC12	Fuse 12 on fuse holder C
T2fb	2-pin connector
T14e	14-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
V48	Left headlight range control motor
V294	Left dip beam screen motor
V318	Left dynamic cornering light control motor
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B274	Positive connection (58L), in main wiring harness
C65	Positive connection 1, in side marker light wiring harness
C67	Connection (CAN bus, high), in headlight wiring harness
C68	Connection (CAN bus, low), in headlight wiring harness
*	Up to November 2011
*2	Only models with side marker lights and turn signal repeaters
*3	From May 2011
*4	From May 2013
*5	Up to May 2011
*6	From November 2011

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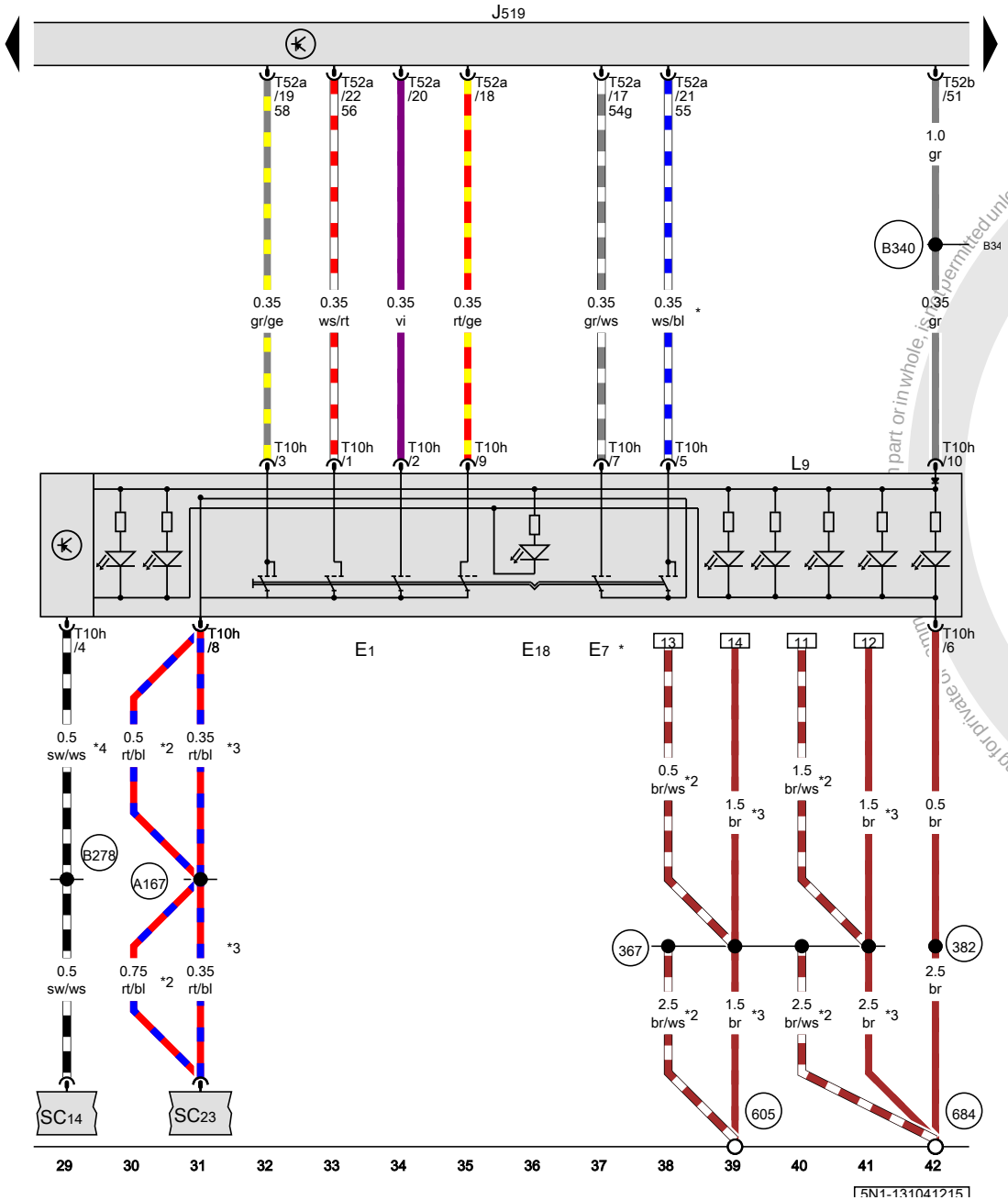


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Right gas discharge bulb control unit, Onboard supply control unit, Output module for right headlight, Front right headlight, Front right side marker bulb

G475	Right swivel module position sensor
J344	Right gas discharge bulb control unit
J519	Onboard supply control unit
J668	Output module for right headlight
L14	Right gas discharge (xenon) bulb
L149	Right cornering light bulb
L177	Right LED module for daytime running light and side light
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M34	Front right side marker bulb
SB16	Fuse 16 on fuse holder B
SC16	Fuse 16 on fuse holder C
SB25	Fuse 25 on fuse holder B
T2gc	2-pin connector
T14f	14-pin connector
T52a	52-pin connector
T52c	52-pin connector
V49	Right headlight range control motor
V295	Right dip beam screen motor
V319	Right dynamic cornering light control motor
13	Earth point, on right in engine compartment
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
B543	Positive connection (58R), in main wiring harness
C66	Positive connection 2, in side marker light wiring harness
C67	Connection (CAN bus, high), in headlight wiring harness
C68	Connection (CAN bus, low), in headlight wiring harness
*	Up to November 2011
*2	Only models with side marker lights and turn signal repeaters
*3	From November 2011
*4	From May 2011
*5	From May 2013
*6	Up to May 2011
*7	Up to May 2013

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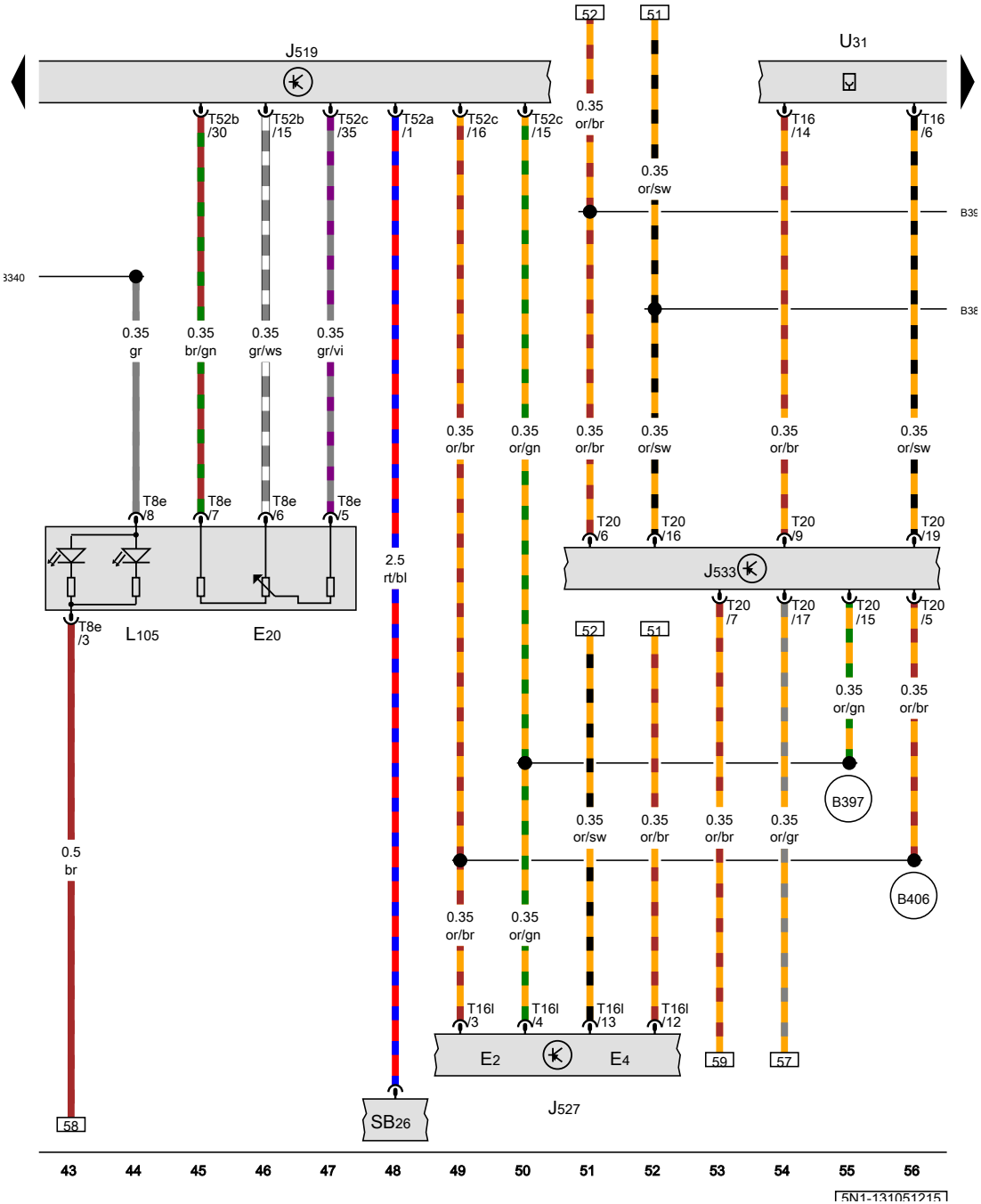


Light switch, Onboard supply control unit

E1	Light switch
E7	Fog light switch
E18	Rear fog light switch
J519	Onboard supply control unit
L9	Light switch illumination bulb
SC14	Fuse 14 on fuse holder C
SC23	Fuse 23 on fuse holder C
T10h	10-pin connector
T52a	52-pin connector
T52b	52-pin connector
367	Earth connection 2, in main wiring harness
382	Earth connection 17, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
A167	Positive connection 3 (30a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
*	According to equipment
*2	From May 2011
*3	Up to May 2011
*4	Cross section depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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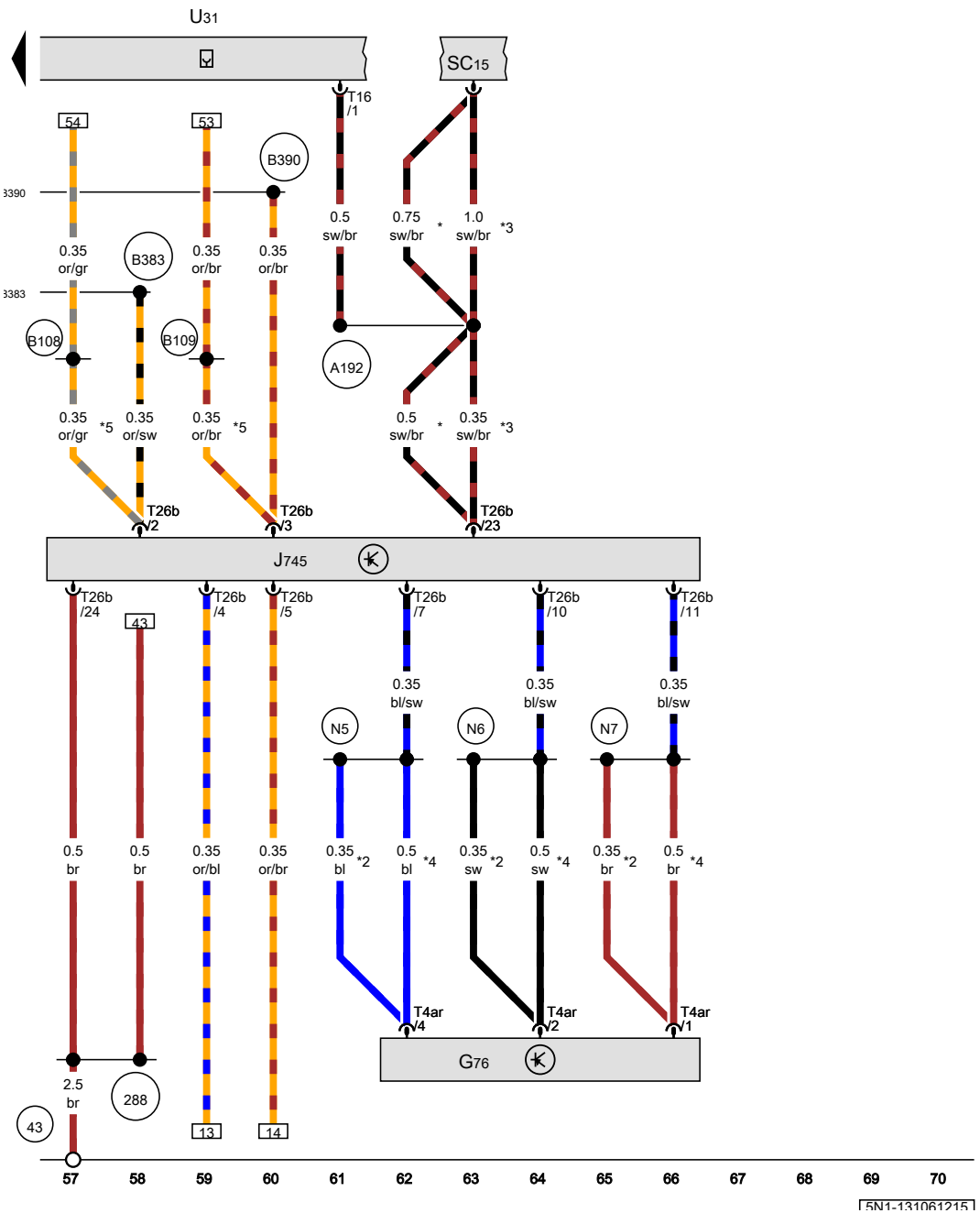


Switch and instrument illumination regulator, Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface, Diagnostic connection

E2	Turn signal switch
E4	Headlight dipper and flasher switch
E20	Switch and instrument illumination regulator
J519	Onboard supply control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
L105	Illumination regulator illumination bulb
SB26	Fuse 26 on fuse holder B
T8e	8-pin connector
T16	16-pin connector
T16l	16-pin connector
T20	20-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
U31	Diagnostic connection
B340	Connection 1 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

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Control unit for cornering light and headlight range control, Diagnostic connection

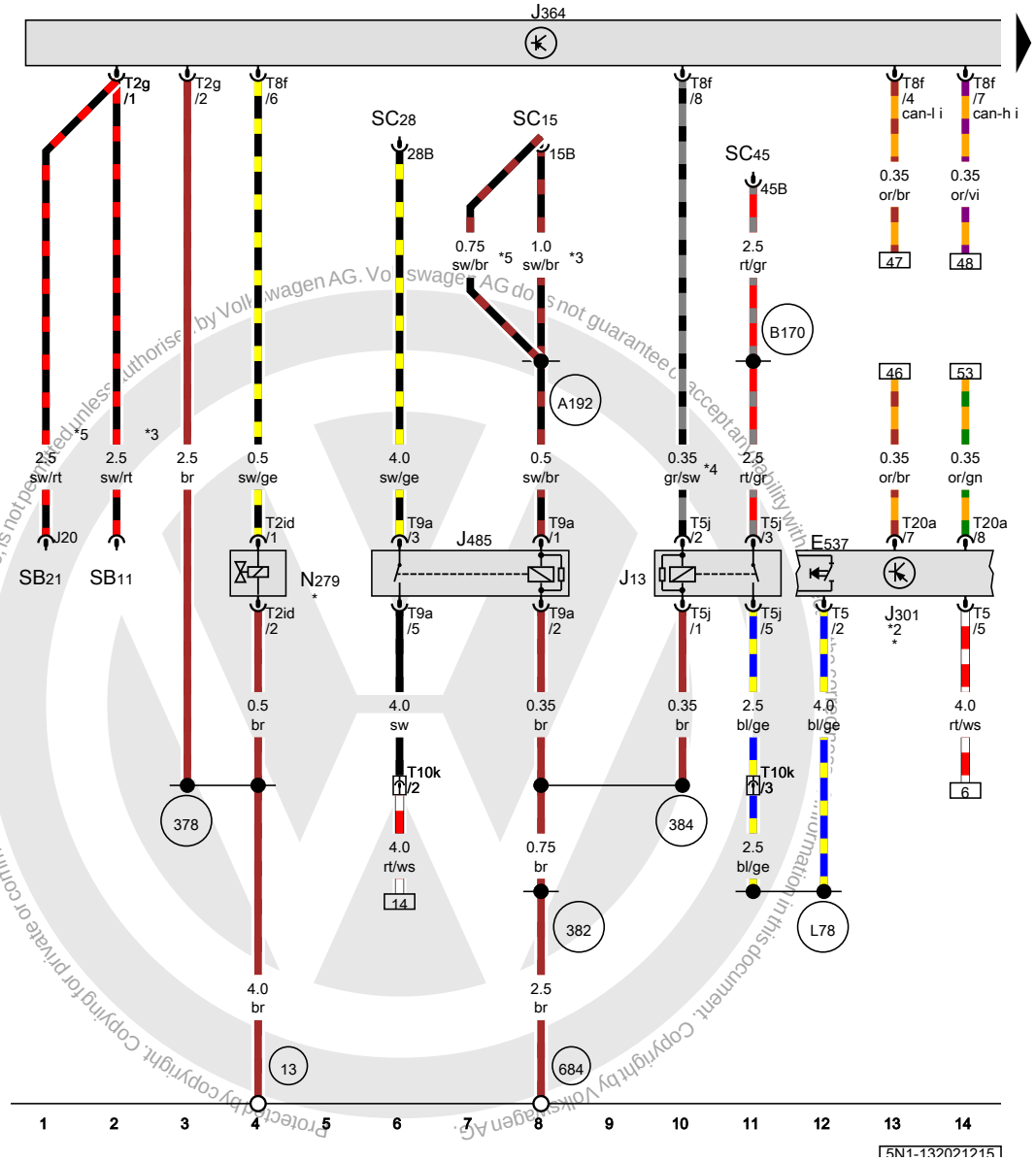
G76	Rear left vehicle level sender
J745	Control unit for cornering light and headlight range control
SC15	Fuse 15 on fuse holder C
T4ar	4-pin connector
T16	16-pin connector
T26b	26-pin connector
U31	Diagnostic connection
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
N5	Connection 4, in headlight range control wiring harness
N6	Connection 5, in headlight range control wiring harness
N7	Connection 6, in headlight range control wiring harness
*	From May 2011
*2	From May 2013
*3	Up to May 2011
*4	Up to May 2013
*5	According to equipment

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Auxiliary coolant heater , (9M5),(9M9)

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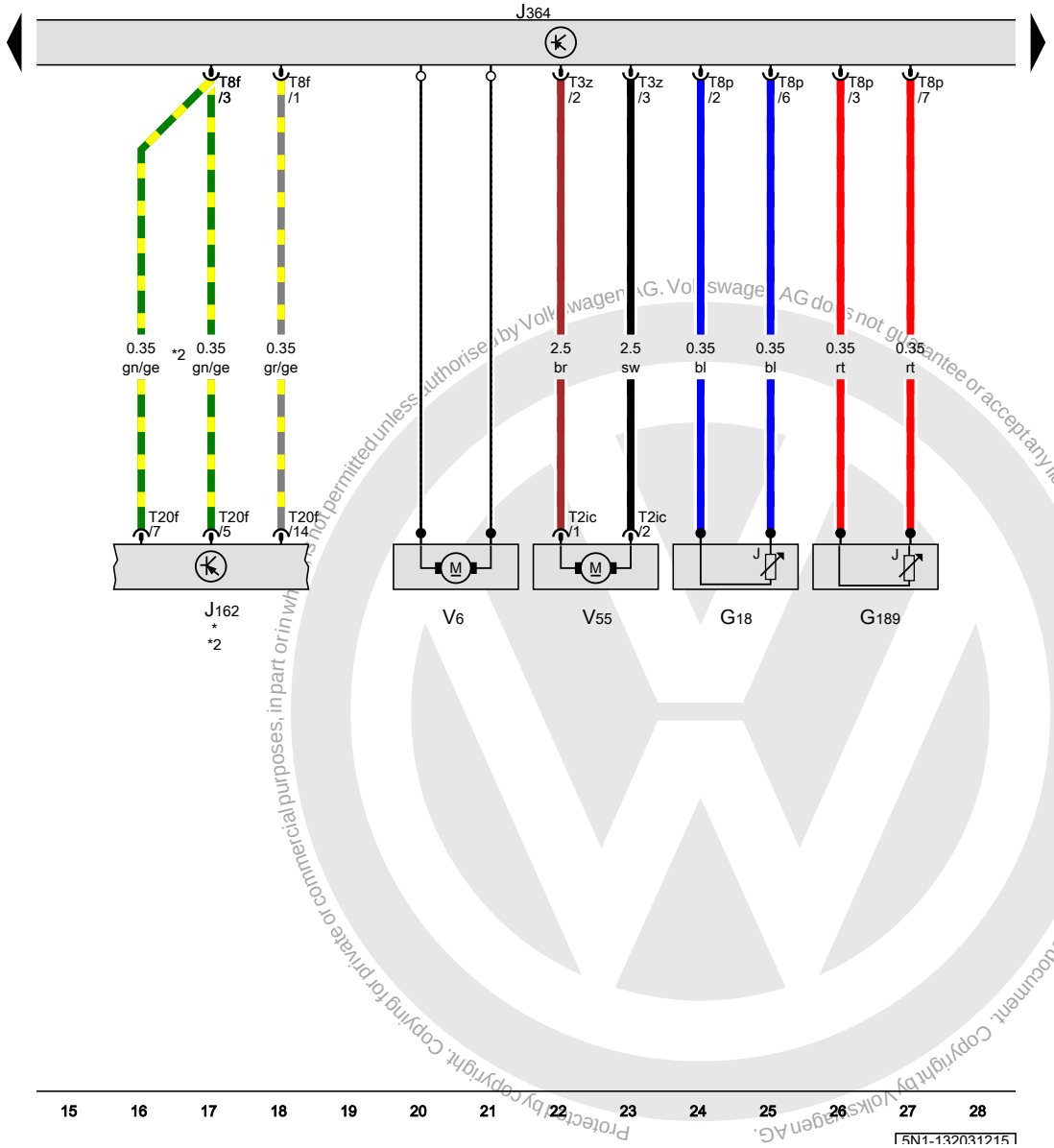
Auxiliary heater control unit, Heater coolant shut-off valve

E537	Instant heating button
J13	Fresh air blower relay
J301	Air conditioning system control unit
J364	Auxiliary heater control unit
J485	Auxiliary heater operation relay
N279	Heater coolant shut-off valve
SB11	Fuse 11 on fuse holder B
SC15	Fuse 15 on fuse holder C
SB21	Fuse 21 on fuse holder B
SC28	Fuse 28 on fuse holder C
SC45	Fuse 45 on fuse holder C
T2g	2-pin connector
T2id	2-pin connector
T5	5-pin connector
T5j	5-pin connector
T8f	8-pin connector
T9a	9-pin connector
T10k	10-pin connector
T20a	20-pin connector
13	Earth point, on right in engine compartment
378	Earth connection 13, in main wiring harness
382	Earth connection 17, in main wiring harness
384	Earth connection 19, in main wiring harness
684	Earth point on front of left side member
A192	Positive connection 3 (15a) in dash panel wiring harness
B170	Positive connection 2 (30), in interior wiring harness
L78	Connection 1, in fresh air blower wiring harness
*	According to equipment
*2	see applicable current flow diagram for air conditioning
*3	Up to May 2011
*4	Wiring colour depends on equipment
*5	From May 2011

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Temperature sensor, Overheating sensor, Auxiliary heater control unit, Combustion air blower, Circulation pump

G18	Temperature sensor
G189	Overheating sensor
J162	Heater control unit
J364	Auxiliary heater control unit
T2ic	2-pin connector
T3z	3-pin connector
T8f	8-pin connector
T8p	8-pin connector
T20f	20-pin connector
V6	Combustion air blower
V55	Circulation pump
*	Only models with front heater
*2	According to equipment

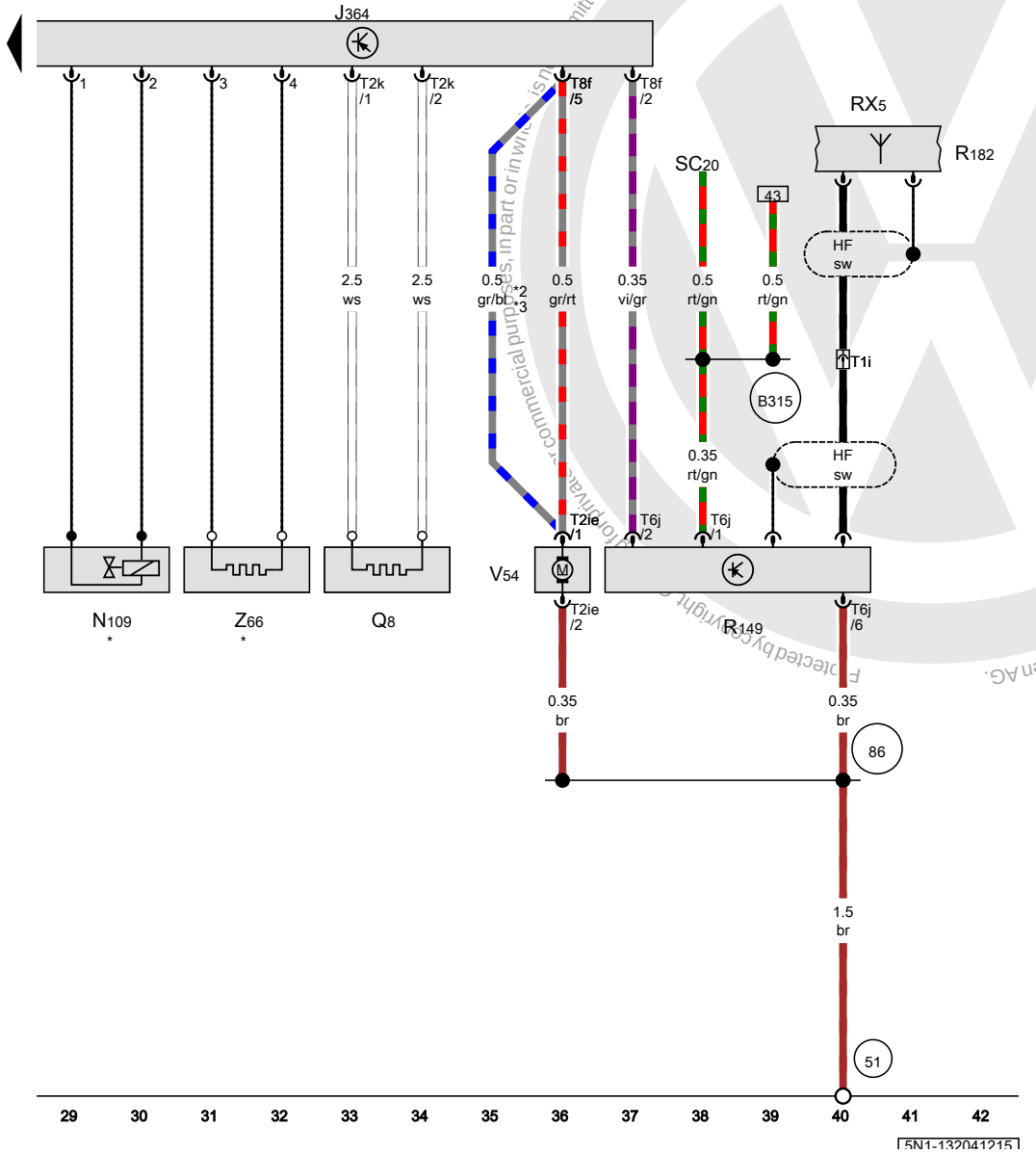


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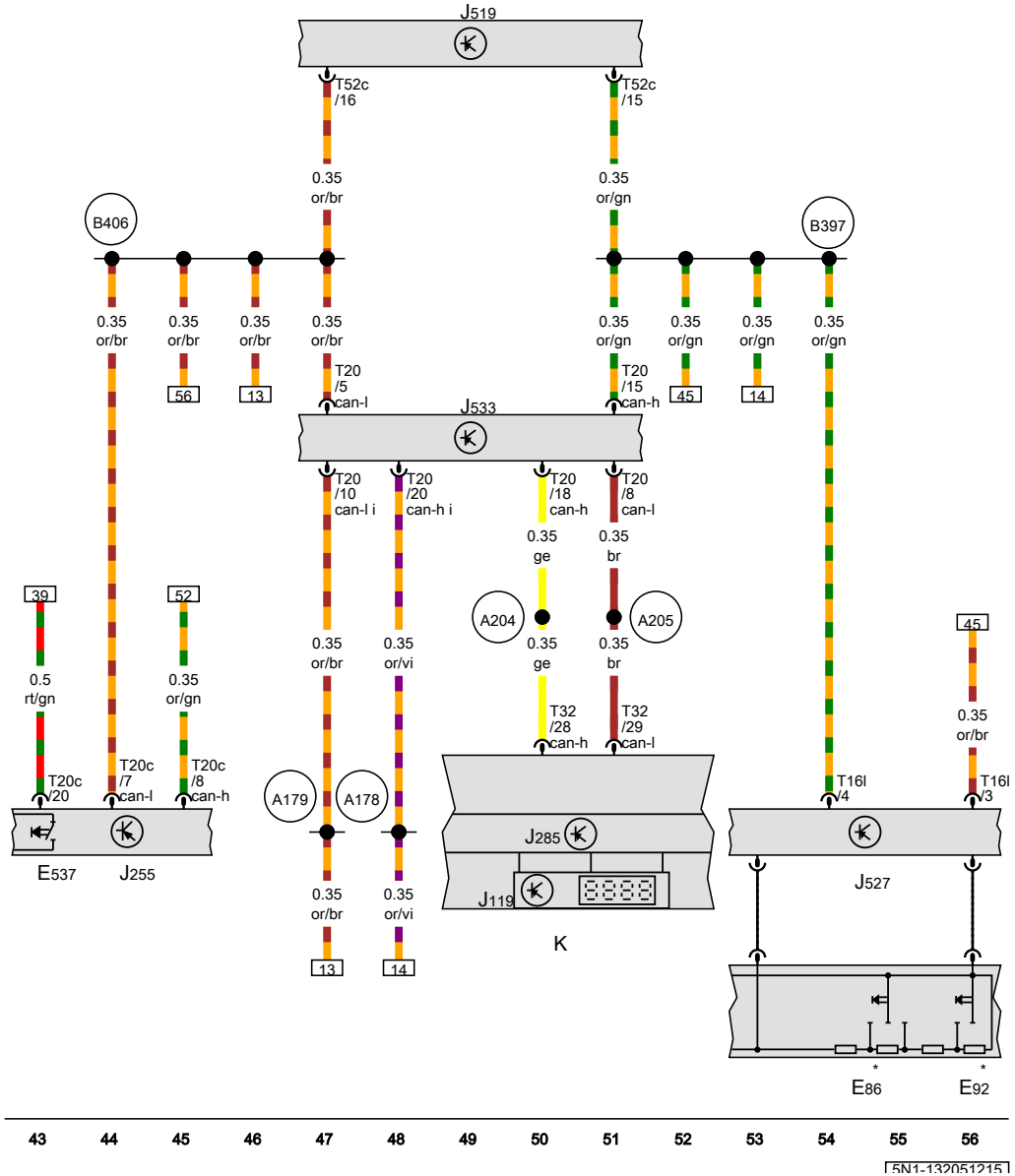
Auxiliary heater control unit, Glow plug with flame monitor, Roof aerial, Remote control receiver for auxiliary coolant heater, Auxiliary heater aerial, Metering pump, Fuel pre-heating heater element



J364	Auxiliary heater control unit
N109	Fuel shut-off valve
Q8	Glow plug with flame monitor
RX5	Roof aerial
R149	Remote control receiver for auxiliary coolant heater
R182	Auxiliary heater aerial
SC20	Fuse 20 on fuse holder C
T1i	Single connector
T2ie	2-pin connector
T2k	2-pin connector
T6j	6-pin connector
T8f	8-pin connector
V54	Metering pump
Z66	Fuel pre-heating heater element
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	Only models with diesel engine
*2	From November 2011
*3	Only left-hand drive models

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Multifunction display call-up button, Reset button, Instant heating button, Climatronic control unit, Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface, Dash panel insert



E86	Multifunction display call-up button
E92	Reset button
E537	Instant heating button
J119	Multifunction indicator
J255	Climatronic control unit
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
K	Dash panel insert
T16l	16-pin connector
T20	20-pin connector
T20c	20-pin connector
T32	32-pin connector
T52c	52-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	According to equipment

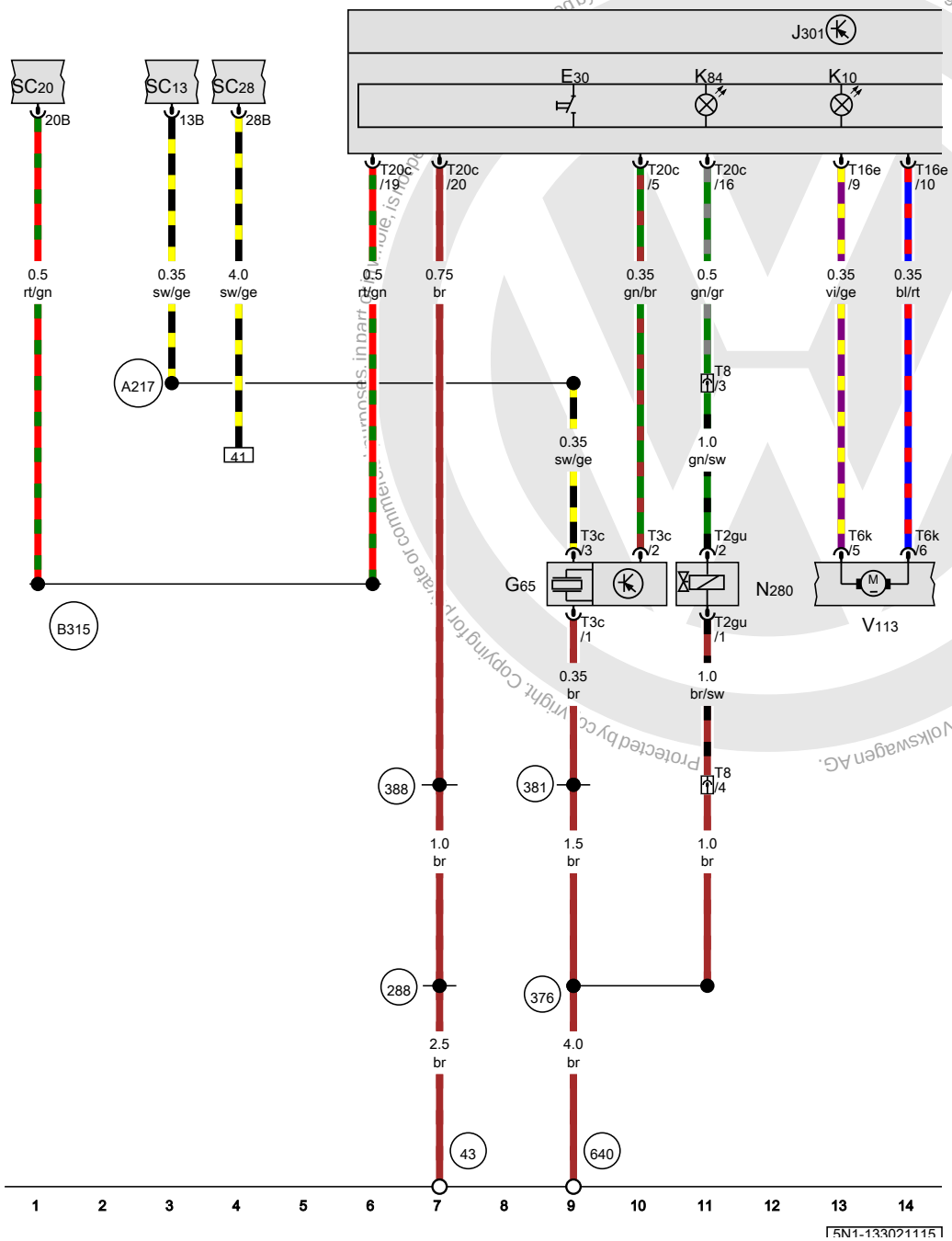
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Air conditioning system , (KH6)

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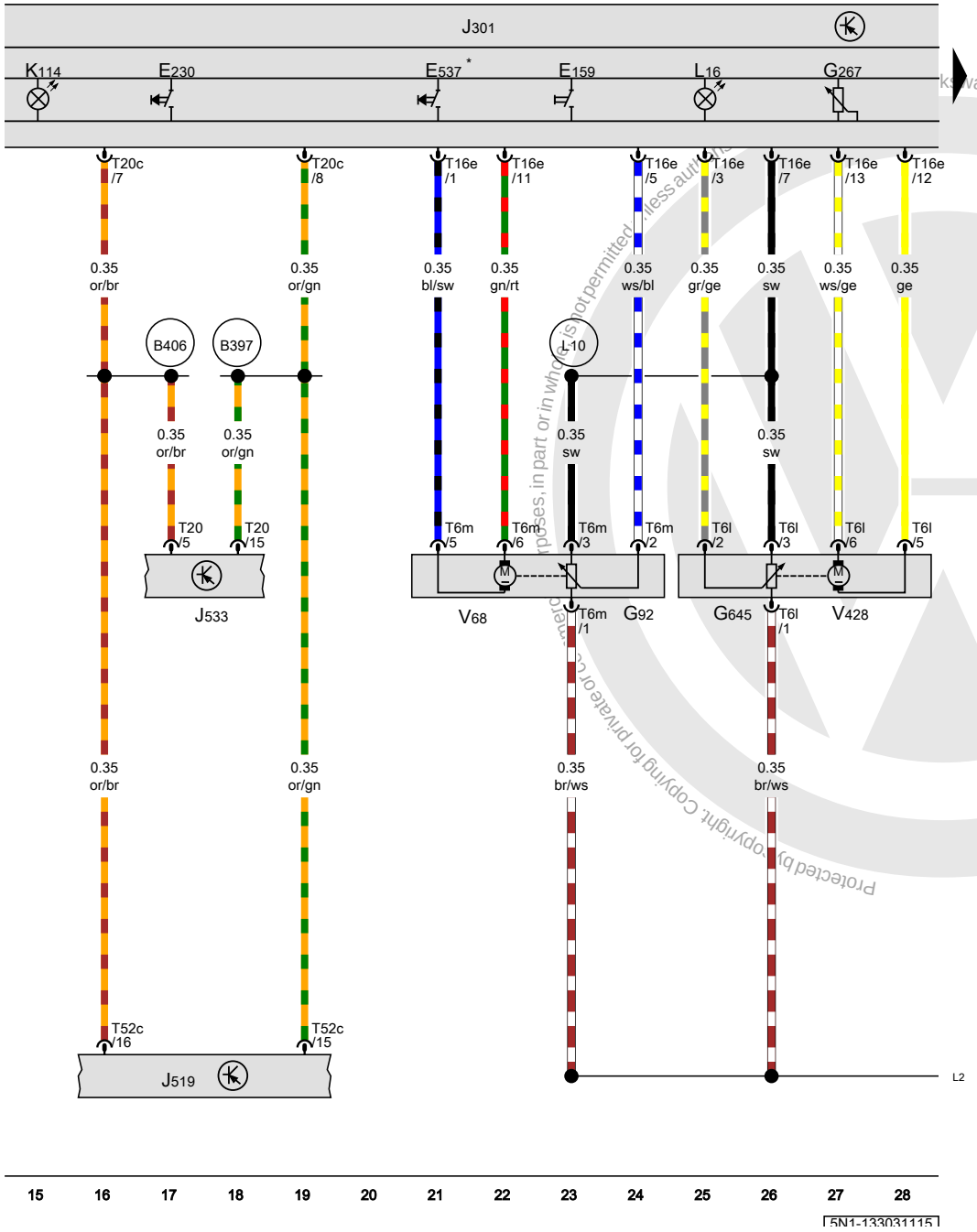


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High-pressure sender, Air conditioning system control unit, Air conditioner compressor regulating valve, Air recirculation flap control motor

E30	Air conditioning system switch
G65	High-pressure sender
J301	Air conditioning system control unit, in centre console
K10	Heated rear window warning lamp
K84	Air conditioning system warning lamp
N280	Air conditioner compressor regulating valve
SC13	Fuse 13 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC28	Fuse 28 on fuse holder C
T2gu	2-pin connector
T3c	3-pin connector
T6k	6-pin connector
T8	8-pin connector
T16e	16-pin connector
T20c	20-pin connector
V113	Air recirculation flap control motor
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
388	Earth connection 23, in main wiring harness
640	Earth point 2, left in engine compartment
A217	Positive connection 8 (15a) in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness

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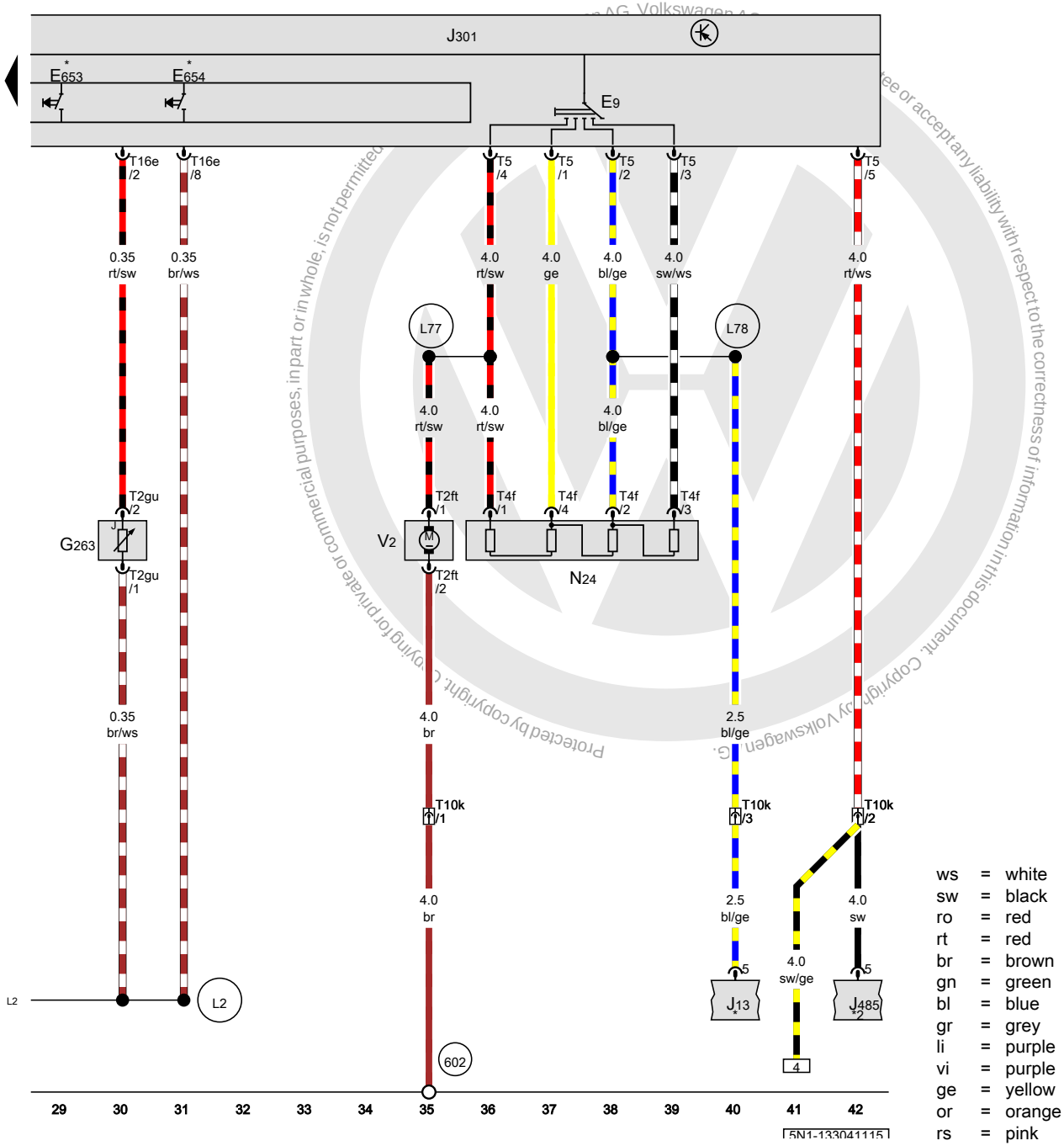


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Potentiometer for temperature flap control motor, Air conditioning system control unit, Onboard supply control unit, Air distribution flap control motor

E159	Fresh air and air recirculation flap switch
E230	Heated rear window button
E537	Instant heating button
G92	Potentiometer for temperature flap control motor
G267	Potentiometer for temperature selection rotary knob
G645	Potentiometer for air distribution flap control motor
J301	Air conditioning system control unit, in centre console
J519	Onboard supply control unit
J533	Data bus diagnostic interface
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
T6l	6-pin connector
T6m	6-pin connector
T16e	16-pin connector
T20	20-pin connector
T20c	20-pin connector
T52c	52-pin connector
V68	Temperature flap control motor
V428	Air distribution flap control motor
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
L2	Connection in air conditioning system wiring harness
L10	Connection 2, in air conditioning system wiring harness
*	Only models with auxiliary heating

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Evaporator output temperature sender, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower

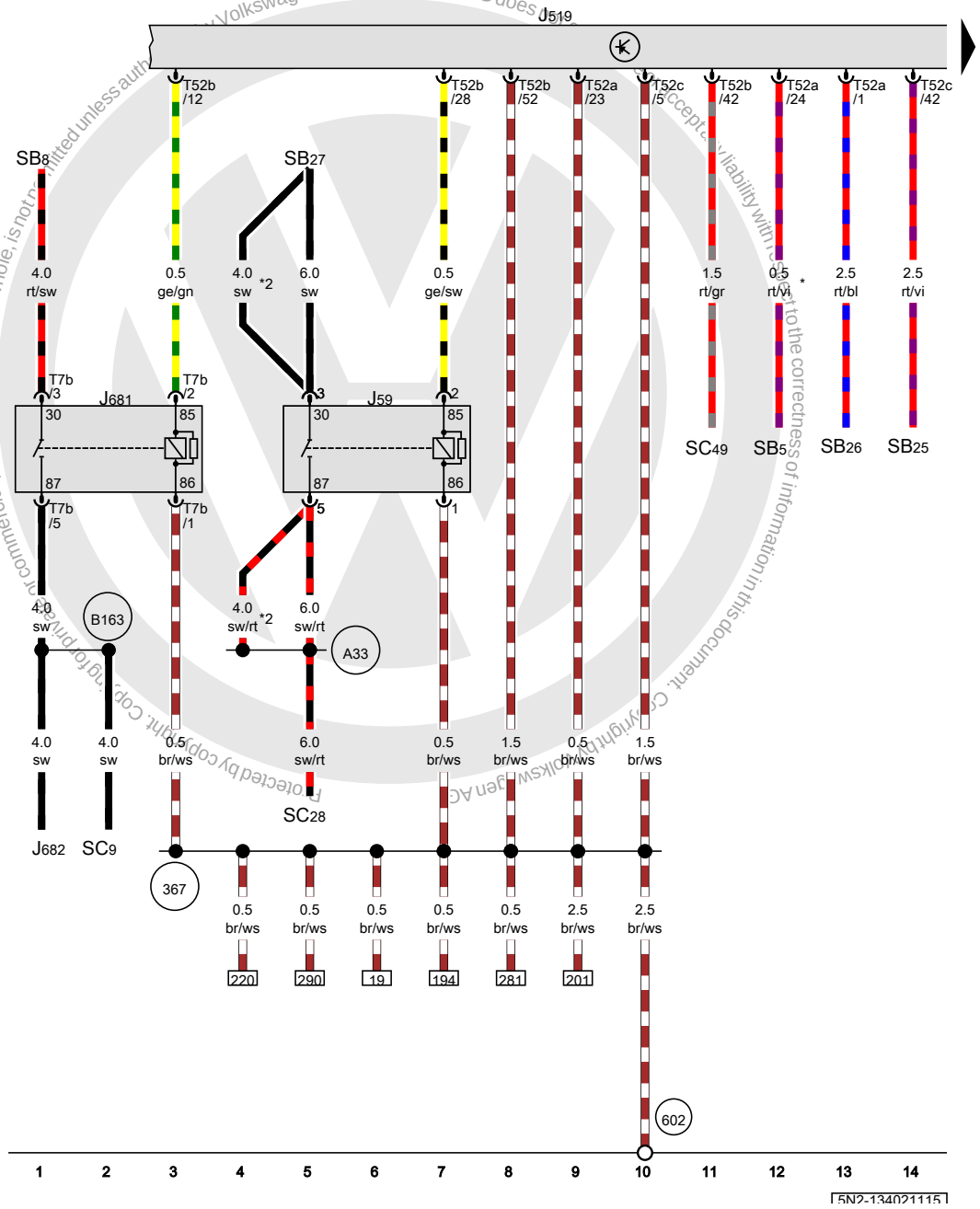
E9	Fresh air blower switch
E653	Button for left seat heating
E654	Button for right seat heating
G263	Evaporator output temperature sender
J13	Fresh air blower relay
J301	Air conditioning system control unit, in centre console
J485	Auxiliary heater operation relay
N24	Fresh air blower series resistor with overheating fuse
T2ft	2-pin connector
T2gu	2-pin connector
T4f	4-pin connector
T5	5-pin connector
T10k	10-pin connector
T16e	16-pin connector
V2	Fresh air blower
602	Earth point, in front left footwell
L2	Connection in air conditioning system wiring harness
L77	Connection, in fresh air blower wiring harness
L78	Connection 1, in fresh air blower wiring harness
*	According to equipment
*2	Only models with auxiliary heating

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Basic equipment

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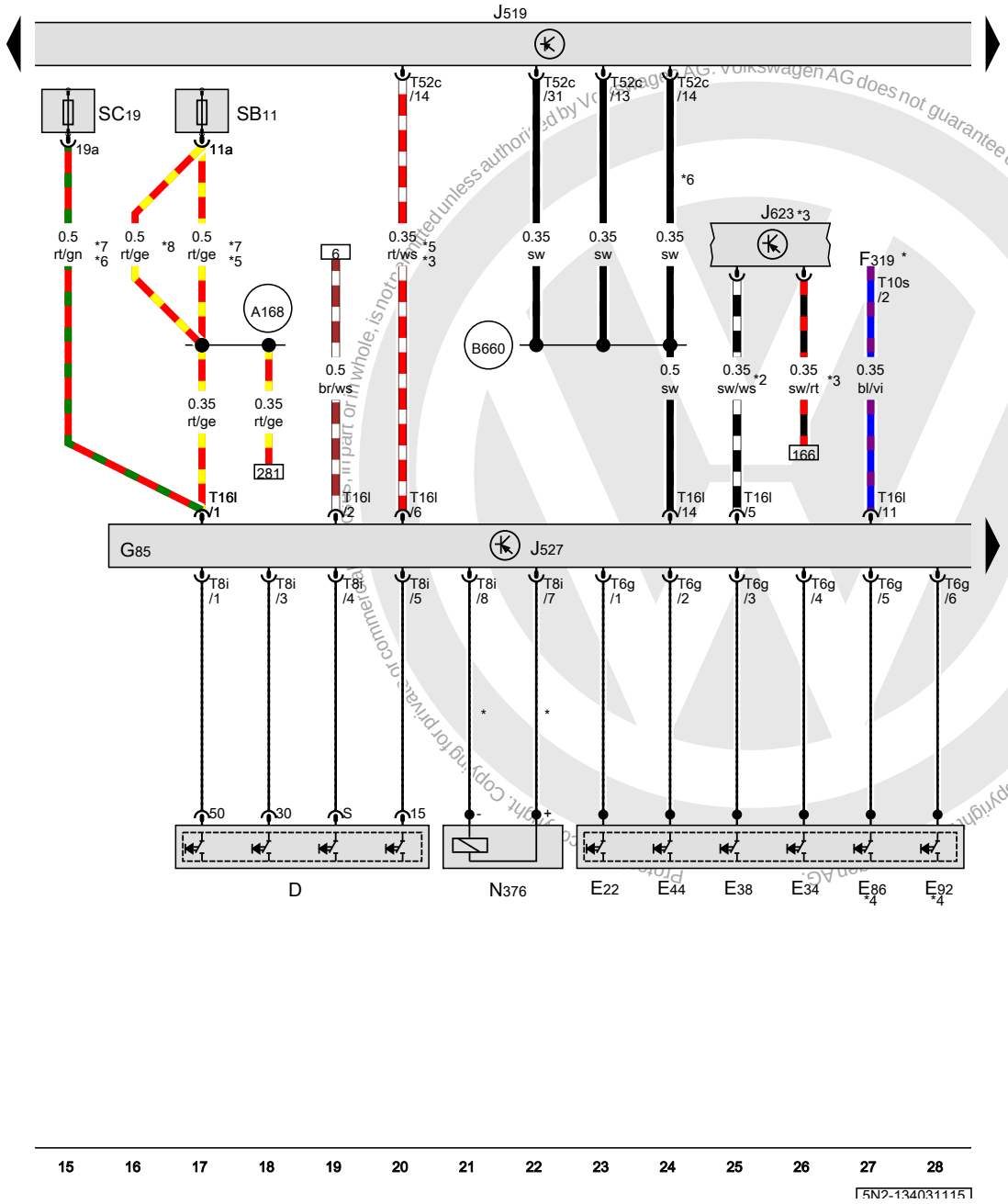


X-contact relief relay, Onboard supply control unit, Terminal 15 voltage supply relay 2

J59	X-contact relief relay
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SB5	Fuse 5 on fuse holder B
SB8	Fuse 8 on fuse holder B
SC9	Fuse 9 on fuse holder C
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
SB27	Fuse 27 on fuse holder B
SC28	Fuse 28 on fuse holder C
SC49	Fuse 49 on fuse holder C
T7b	7-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
A33	Connection (75), in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
*	Only models with no start/stop system
*2	According to equipment

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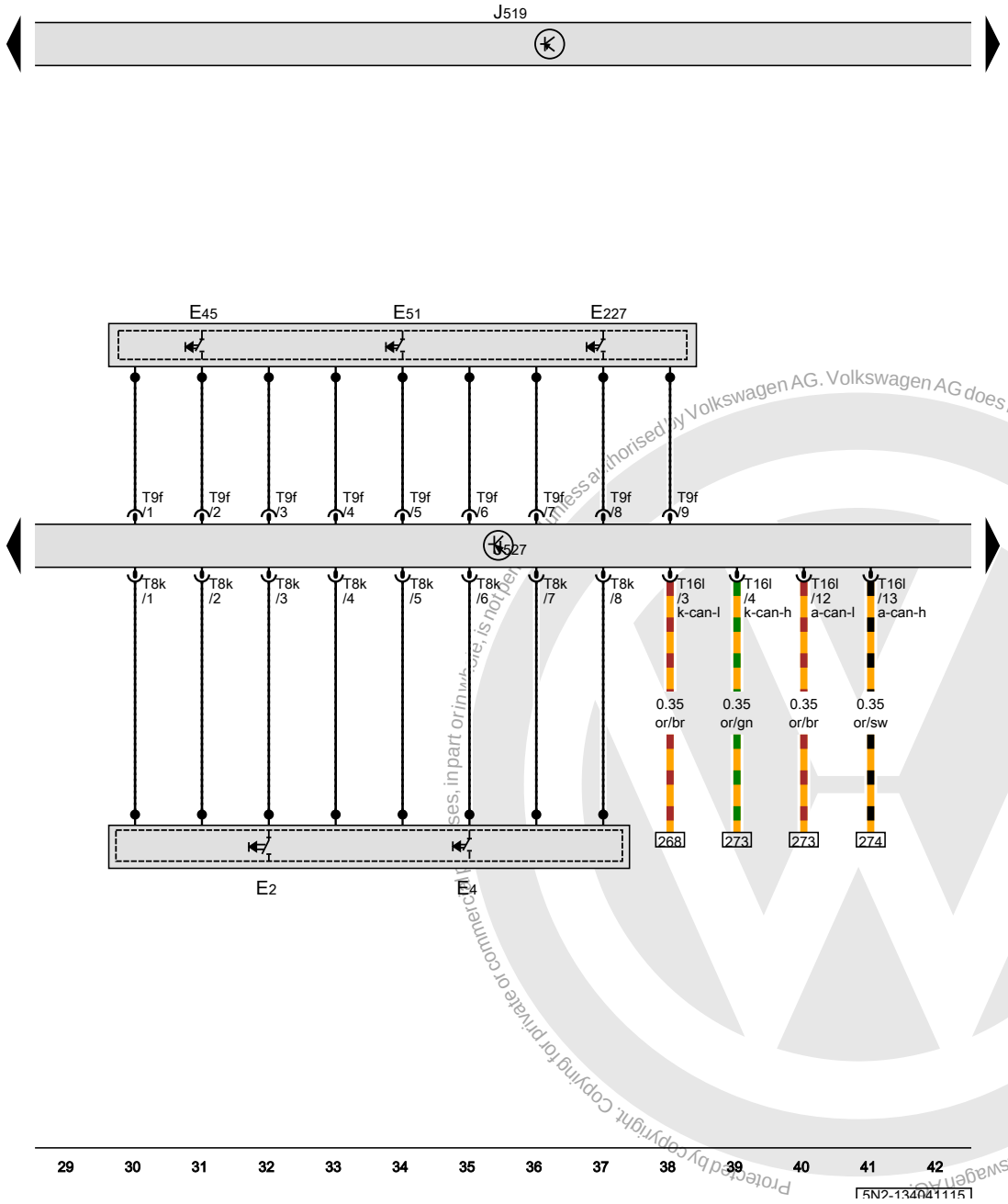
Ignition/starter switch, Intermittent wiper switch, Steering angle sender, Onboard supply control unit, Steering column electronics control unit, Ignition key withdrawal lock solenoid

D	Ignition/starter switch
E22	Intermittent wiper switch
E34	Rear wiper switch
E38	Intermittent wiper regulator
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E86	Multifunction display call-up button
E92	Reset button
F319	Selector lever locked in position P switch
G85	Steering angle sender
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
N376	Ignition key withdrawal lock solenoid
SB11	Fuse 11 on fuse holder B
SC19	Fuse 19 on fuse holder C
T6g	6-pin connector
T8i	8-pin connector
T10s	10-pin connector
T16l	16-pin connector
T52c	52-pin connector
A168	Positive connection 4 (30a) in dash panel wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with automatic gearbox
*2	Only models with cruise control system (CCS)
*3	see applicable current flow diagram for engine
*4	Only models with multifunction display
*5	Only models with no start/stop system
*6	Only models with start/stop system
*7	Only left-hand drive models
*8	Only right-hand drive models

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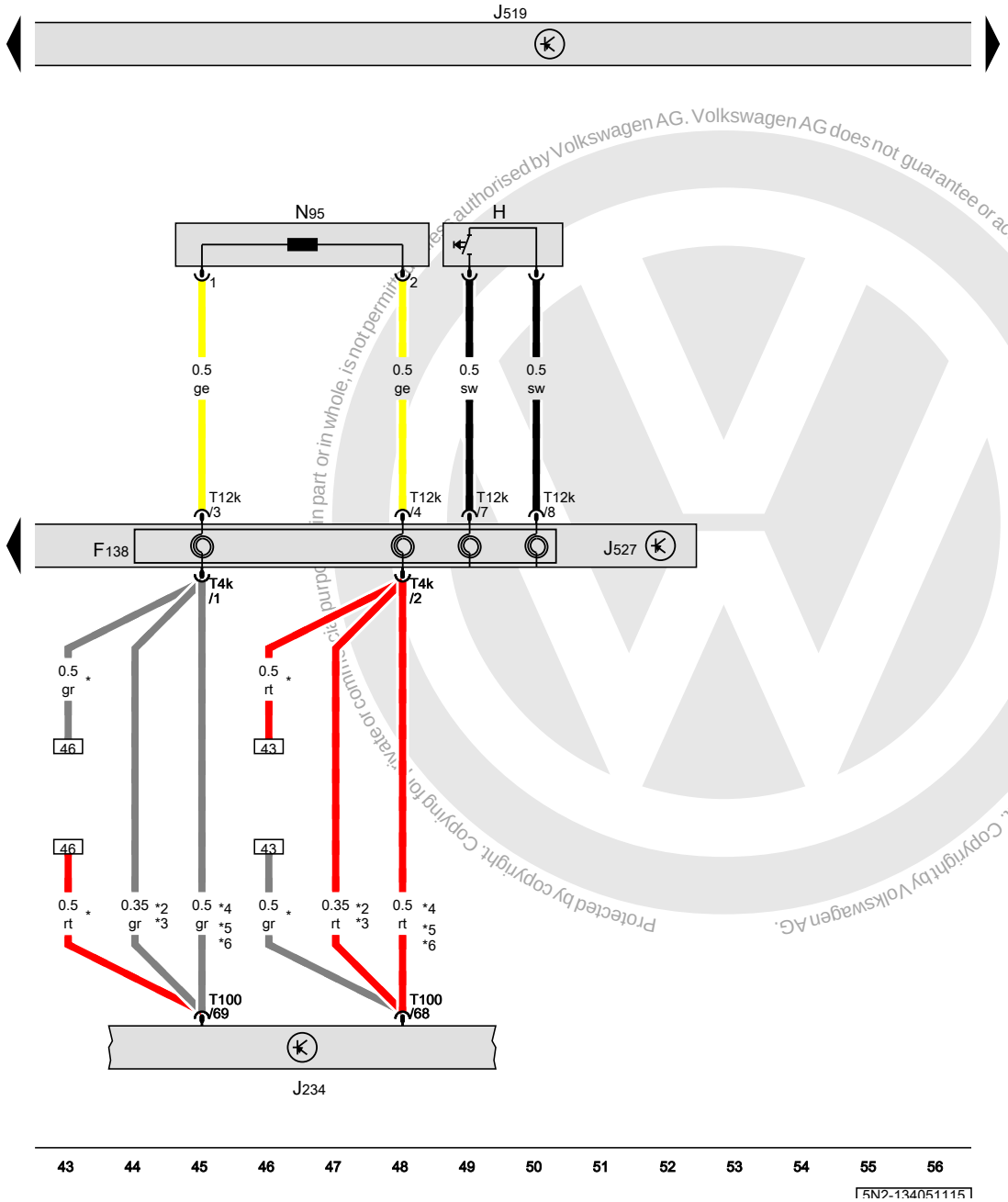
Turn signal switch, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit

E2	Turn signal switch
E4	Headlight dipper and flasher switch
E45	Cruise control system switch
E51	Cruise control system master switch
E227	Cruise control system (CCS) SET button
J519	Onboard supply control unit
J527	Steering column electronics control unit
T8k	8-pin connector
T9f	9-pin connector
T16l	16-pin connector



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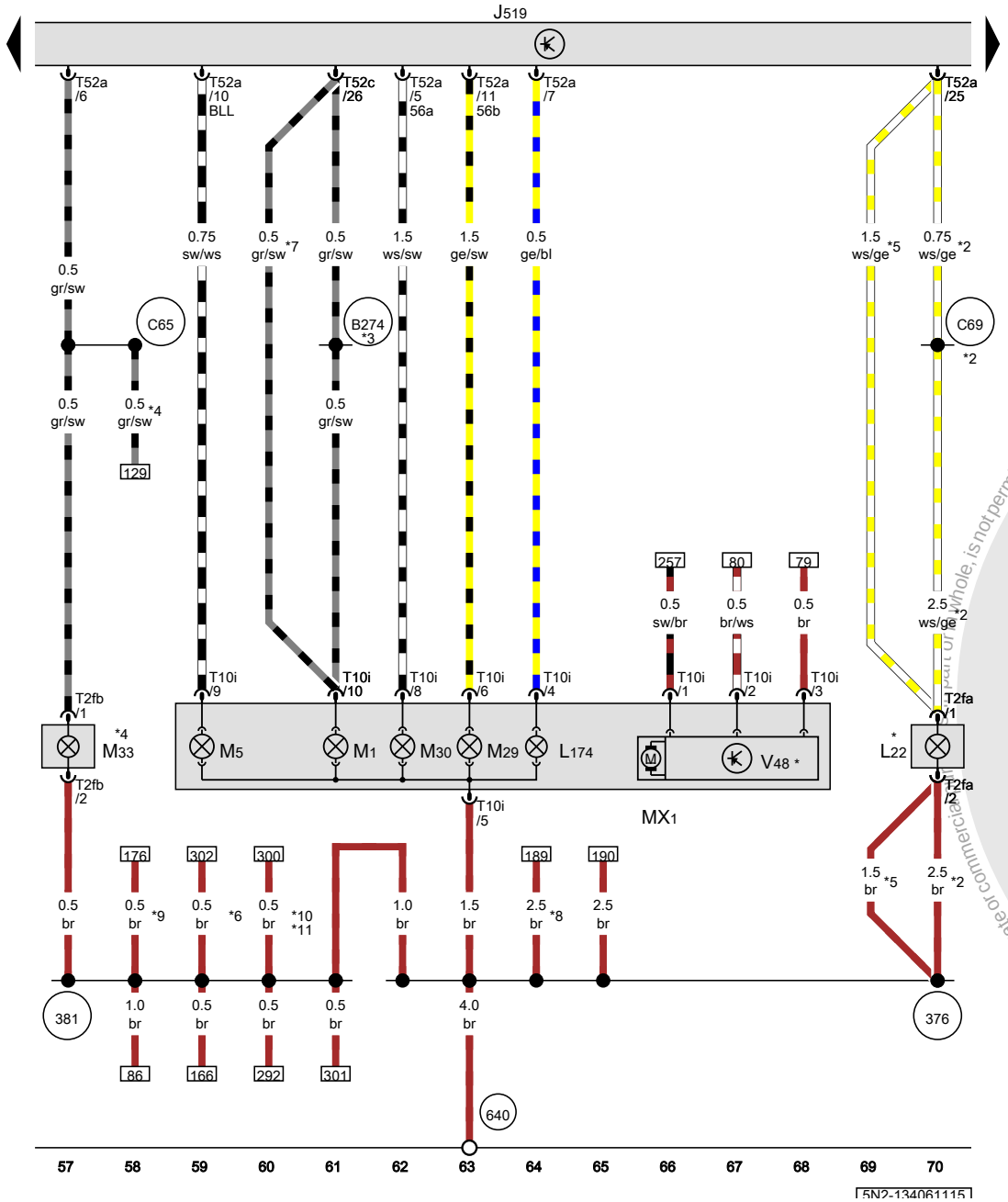


Airbag coil connector and return ring with slip ring, Horn plate, Airbag control unit, Onboard supply control unit, Steering column electronics control unit, Driver side airbag igniter

F138	Airbag coil connector and return ring with slip ring
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
T4k	4-pin connector
T12k	12-pin connector
T100	100-pin connector
640	Earth point 2, left in engine compartment
*	Up to November 2012
*2	From May 2014
*3	Up to November 2014
*4	From November 2012
*5	Up to May 2014
*6	From November 2014

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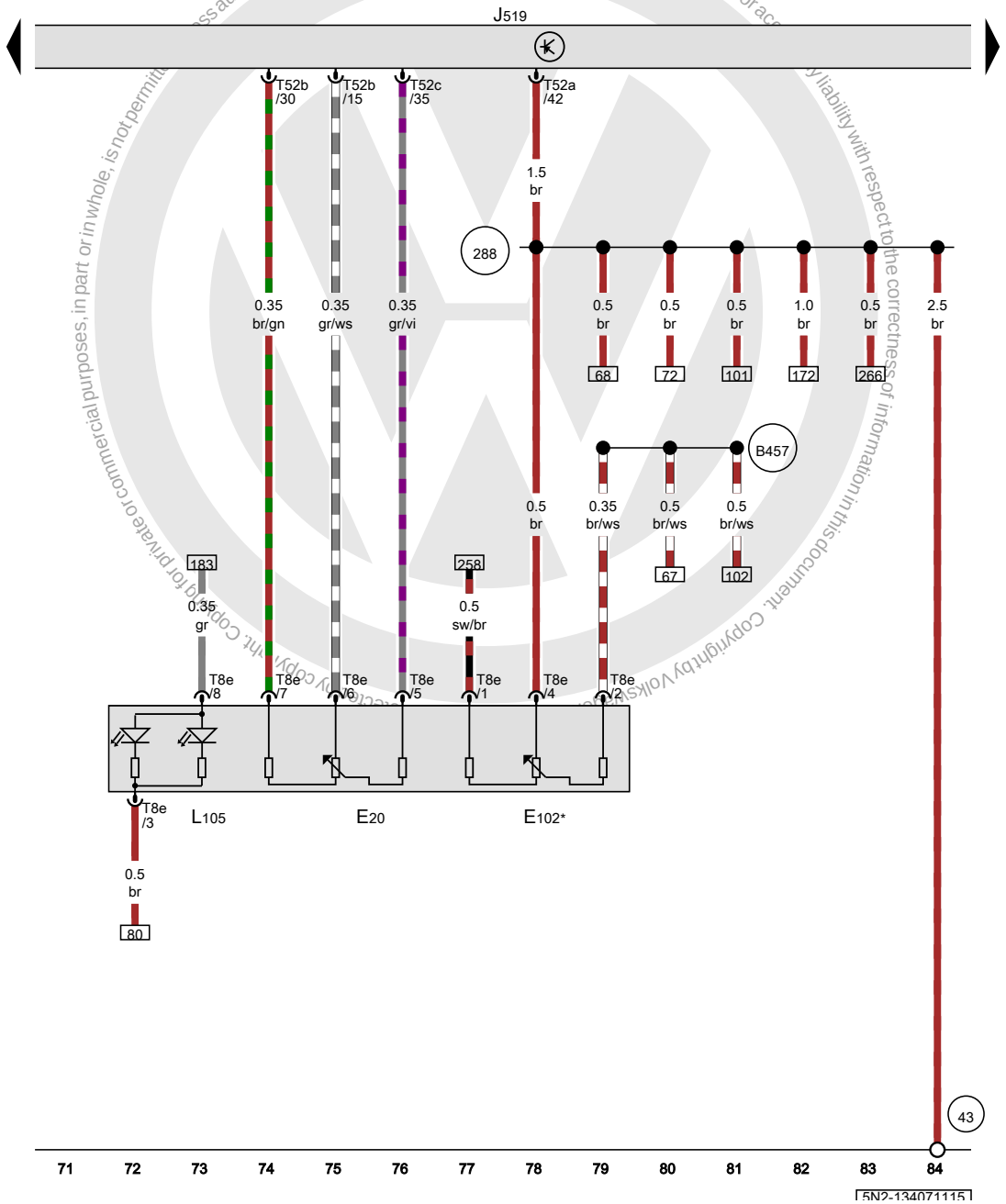


Onboard supply control unit, Left fog light bulb, Left daytime running light bulb, Front left headlight, Left side light bulb, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Front left side marker bulb, Left headlight range control motor

J519	Onboard supply control unit
L22	Left fog light bulb
L174	Left daytime running light bulb
MX1	Front left headlight
M1	Left side light bulb
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
M33	Front left side marker bulb
T2fa	2-pin connector
T2fb	2-pin connector
T10i	10-pin connector
T52a	52-pin connector
T52c	52-pin connector
V48	Left headlight range control motor
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B274	Positive connection (58L), in main wiring harness
C65	Positive connection 1, in side marker light wiring harness
C69	Front left connection (fog light),, in main wiring harness
*	According to equipment
*2	Up to May 2014
*3	Up to November 2011
*4	Only models with side marker lights and turn signal repeaters
*5	From May 2014
*6	Only models with 1.4l engine
*7	From November 2011
*8	Only right-hand drive models
*9	From May 2013
*10	Only models with diesel engine
*11	From May 2015

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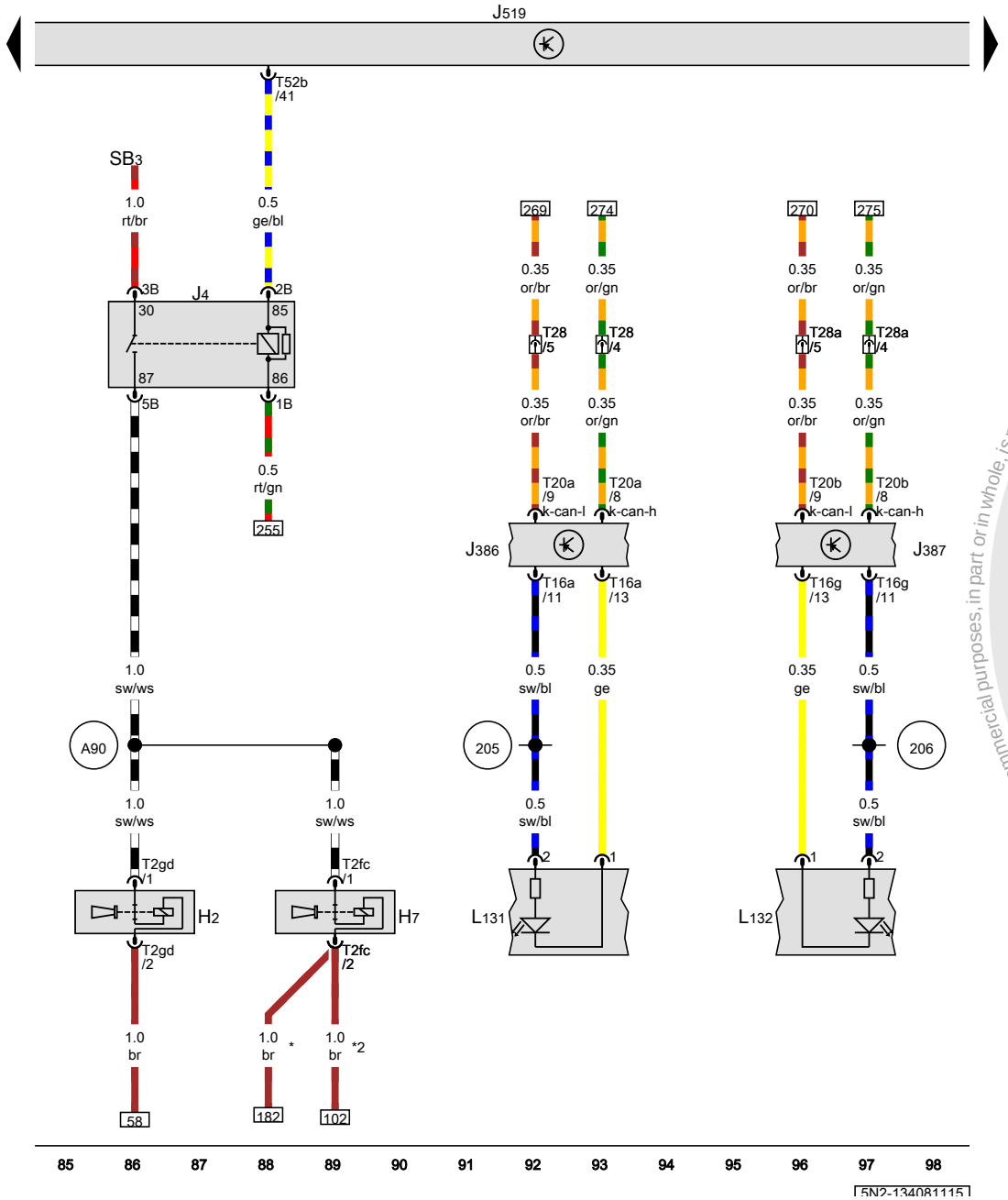


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Switch and instrument illumination regulator, Onboard supply control unit

E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
J519	Onboard supply control unit
L105	Illumination regulator illumination bulb
T8e	8-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
640	Earth point 2, left in engine compartment
B457	Connection 1 (potentiometer), in main wiring harness
*	According to equipment

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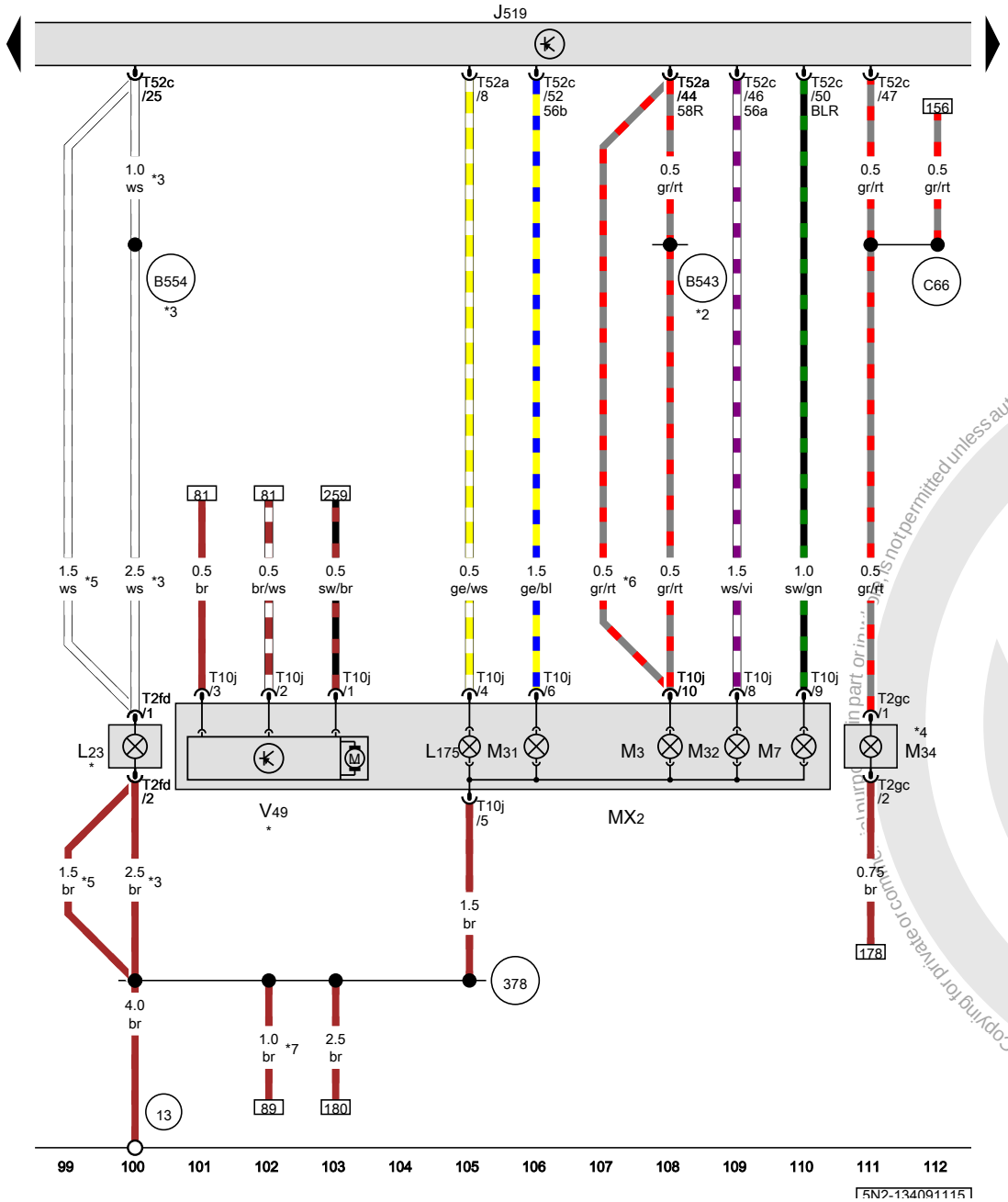


Dual tone horn relay, Driver door control unit, Front passenger door control unit, Onboard supply control unit, Driver side turn signal repeater bulb, Front passenger side turn signal repeater bulb

H2	Treble horn
H7	Bass horn
J4	Dual tone horn relay
J386	Driver door control unit
J387	Front passenger door control unit
J519	Onboard supply control unit
L131	Driver side turn signal repeater bulb
L132	Front passenger side turn signal repeater bulb
SB3	Fuse 3 on fuse holder B
T2fc	2-pin connector
T2gd	2-pin connector
T16a	16-pin connector
T16g	16-pin connector
T20a	20-pin connector
T20b	20-pin connector
T28	28-pin connector
T28a	28-pin connector
T52b	52-pin connector
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
A90	Connection (dual tone horn), in dash panel wiring harness
*	From May 2013
*2	Up to May 2013

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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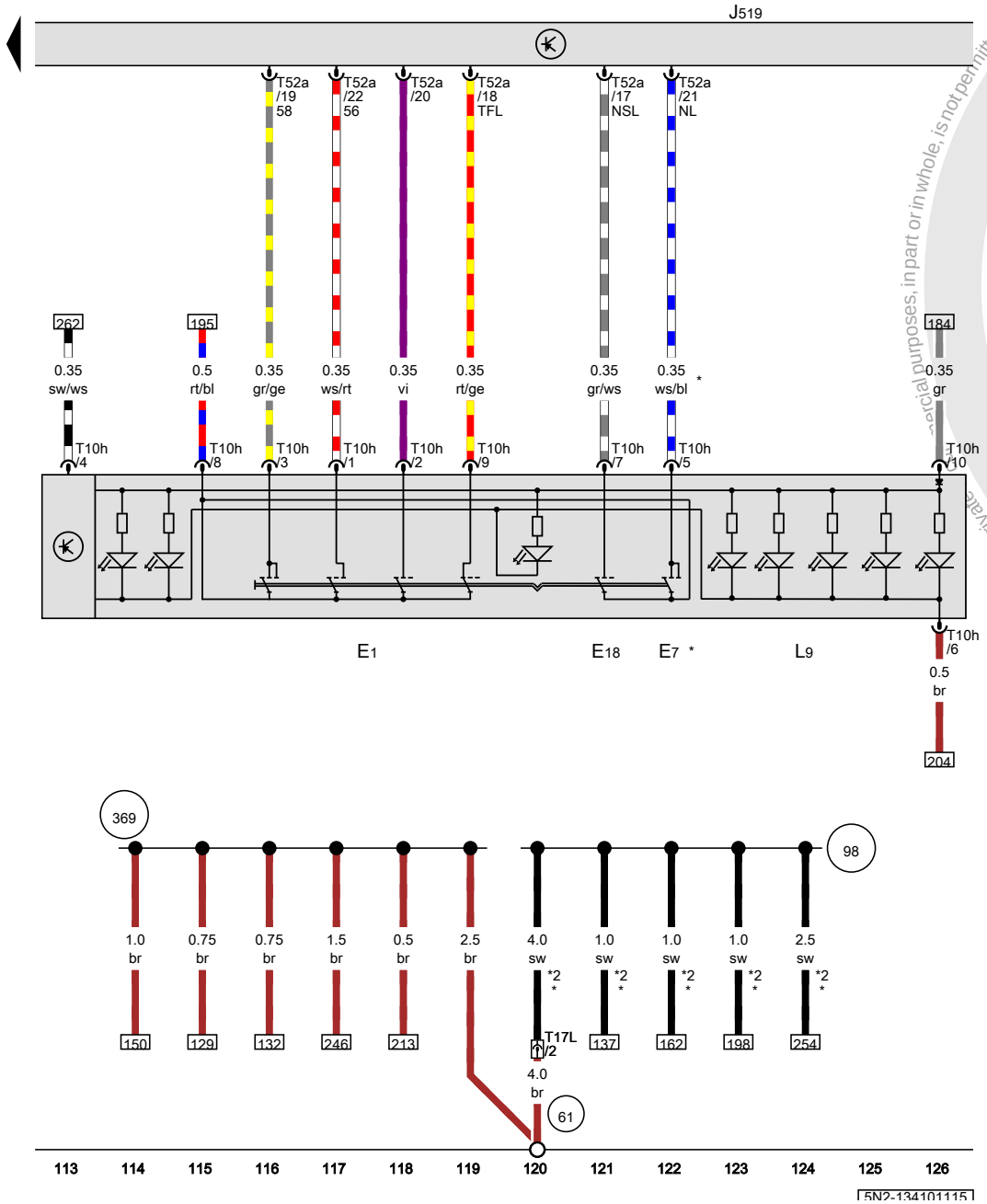


Onboard supply control unit, Right fog light bulb, Right daytime running light bulb, Front right headlight, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Front right side marker bulb, Right headlight range control motor

J519	Onboard supply control unit
L23	Right fog light bulb
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
M34	Front right side marker bulb
T2fd	2-pin connector
T2gc	2-pin connector
T10j	10-pin connector
T52a	52-pin connector
T52c	52-pin connector
V49	Right headlight range control motor
13	Earth point, on right in engine compartment
378	Earth connection 13, in main wiring harness
B543	Positive connection (58R), in main wiring harness
B554	Connection (fog light), in main wiring harness
C66	Positive connection 2, in side marker light wiring harness
*	According to equipment
*2	Up to November 2011
*3	Up to May 2014
*4	Only models with side marker lights and turn signal repeaters
*5	From May 2014
*6	From November 2011
*7	Up to May 2013

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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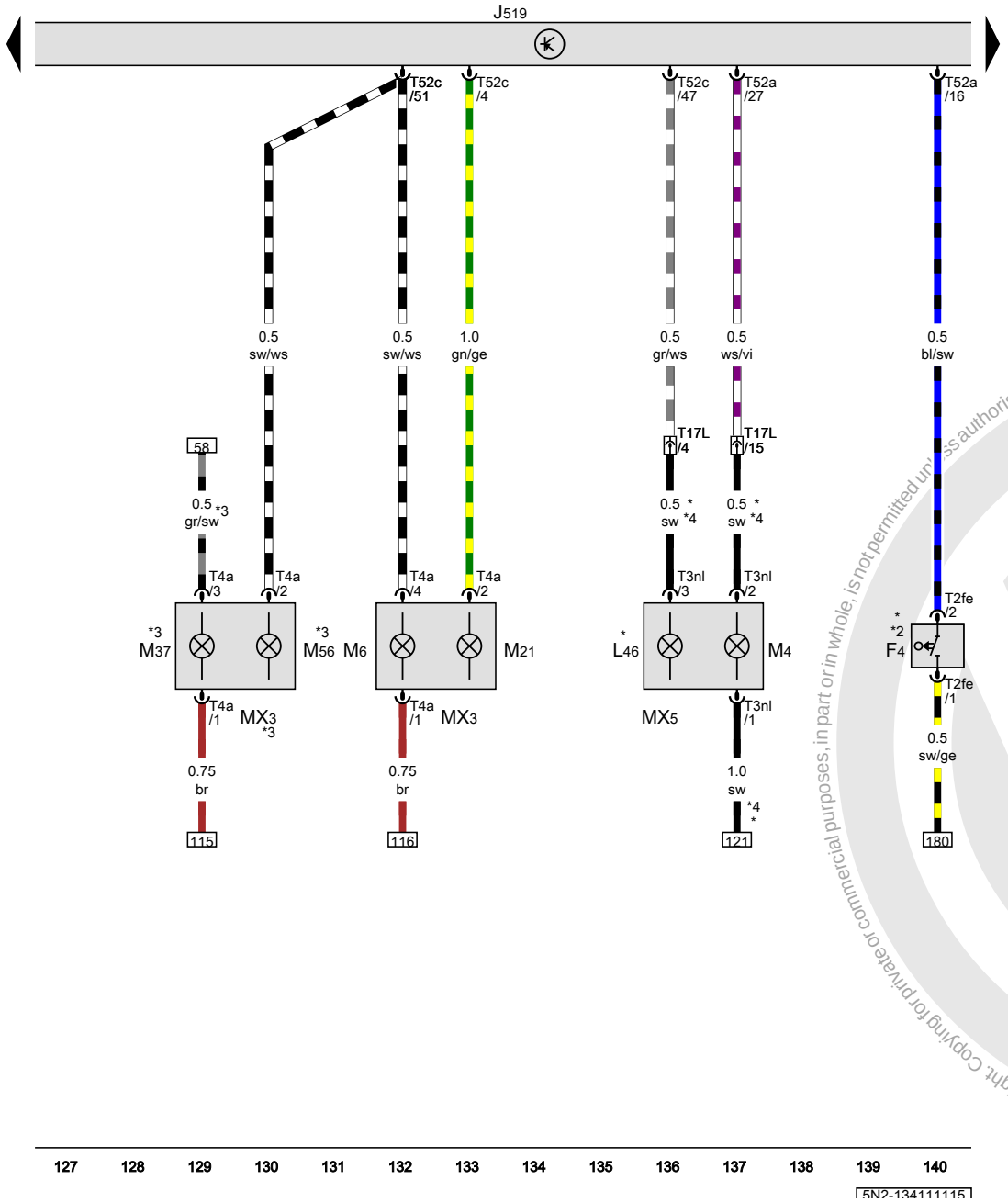


Light switch, Onboard supply control unit

E1	Light switch
E7	Fog light switch
E18	Rear fog light switch
J519	Onboard supply control unit
L9	Light switch illumination bulb
T10h	10-pin connector
T17L	17-pin connector
T52a	52-pin connector
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
*	According to equipment
*2	Wire colour is white and wire is printed

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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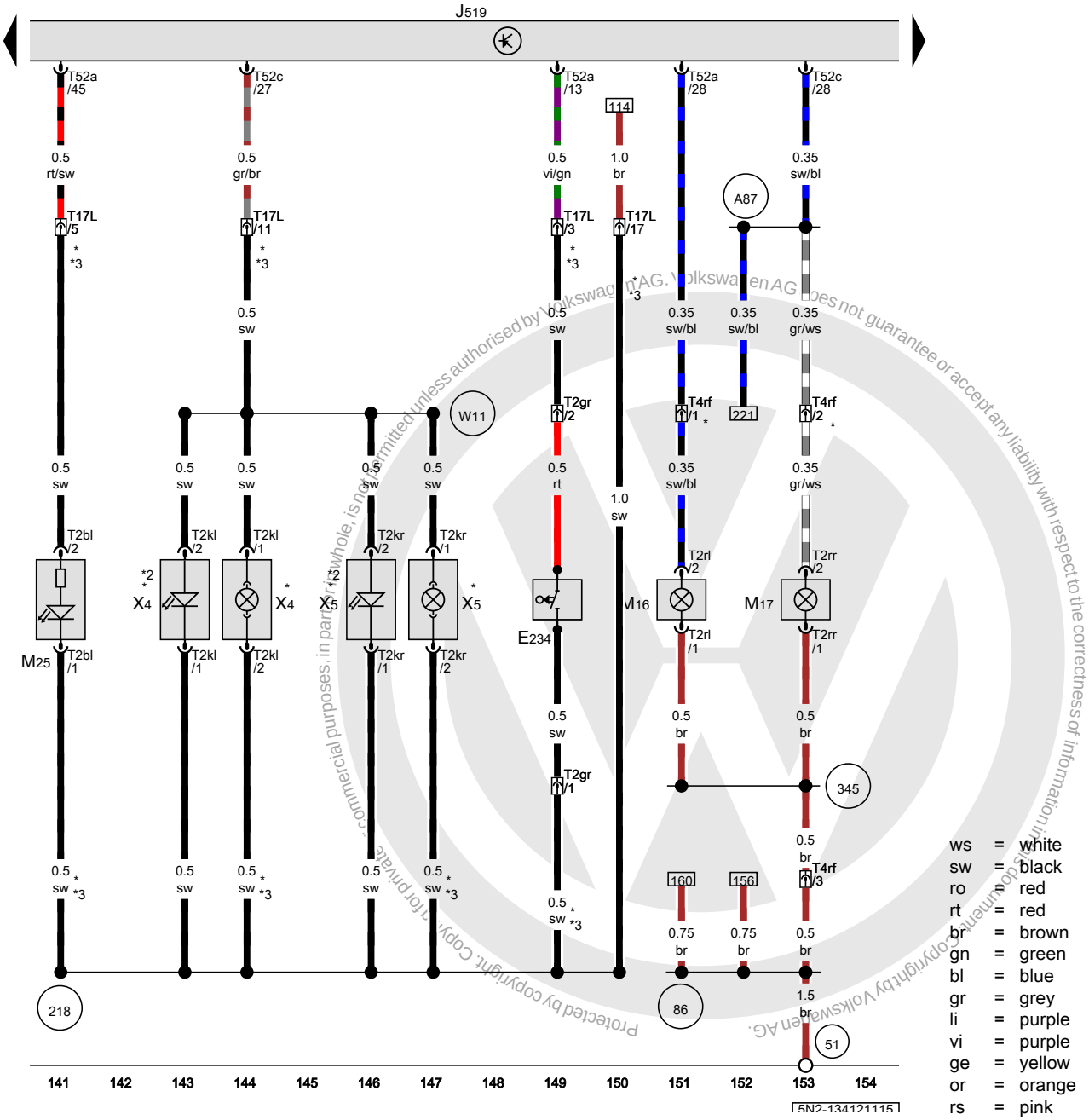


Reversing light switch, Onboard supply control unit, Rear left fog light bulb, Left tail light, Left tail light 2

F4	Reversing light switch
J519	Onboard supply control unit
L46	Rear left fog light bulb
MX3	Left tail light
M4	Left tail light bulb
MX5	Left tail light 2
M6	Rear left turn signal bulb
M21	Left brake and tail light bulb
M37	Rear left side marker bulb
M56	Left brake and turn signal bulb
T2fe	2-pin connector
T3nl	3-pin connector
T4a	4-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52c	52-pin connector
*	According to equipment
*2	Only models with automatic gearbox
*3	Only models with side marker lights and turn signal repeaters
*4	Wire colour is white and wire is printed

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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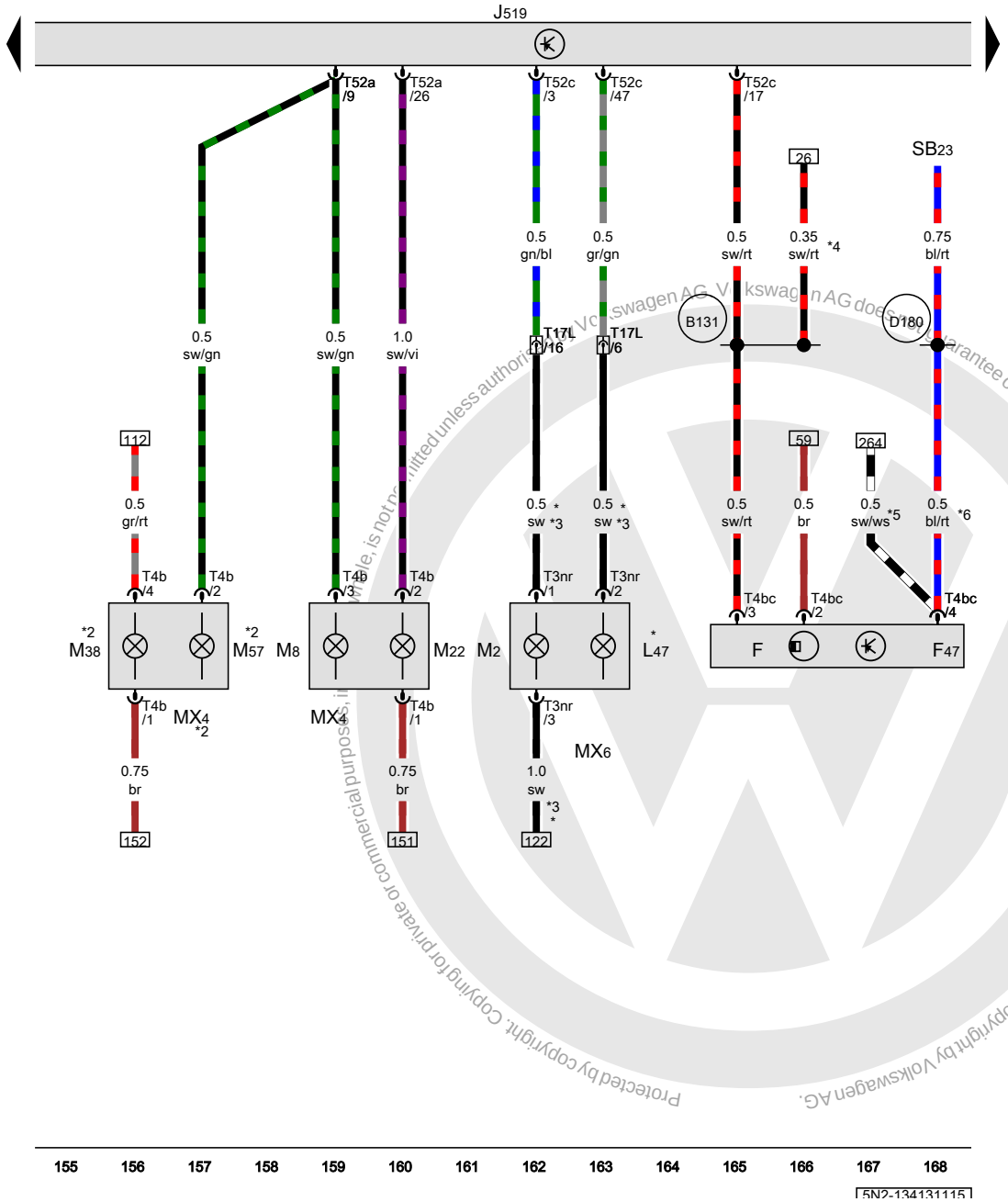


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Rear lid handle release button, Onboard supply control unit, Left reversing light bulb, Right reversing light bulb, High-level brake light bulb, Left number plate light, Right number plate light

E234	Rear lid handle release button
J519	Onboard supply control unit
M16	Left reversing light bulb
M17	Right reversing light bulb
M25	High-level brake light bulb
T2bl	2-pin connector
T2gr	2-pin connector
T2kl	2-pin connector
T2kr	2-pin connector
T2rl	2-pin connector
T2rr	2-pin connector
T4rf	4-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52c	52-pin connector
X4	Left number plate light
X5	Right number plate light
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
218	Earth connection 1, in rear lid wiring harness
345	Earth connection, in bumper wiring harness
A87	Connection (RL), in dash panel wiring harness
W11	Connection (58), in rear lid wiring harness
*	According to equipment
*2	From May 2013
*3	Wire colour is white and wire is printed

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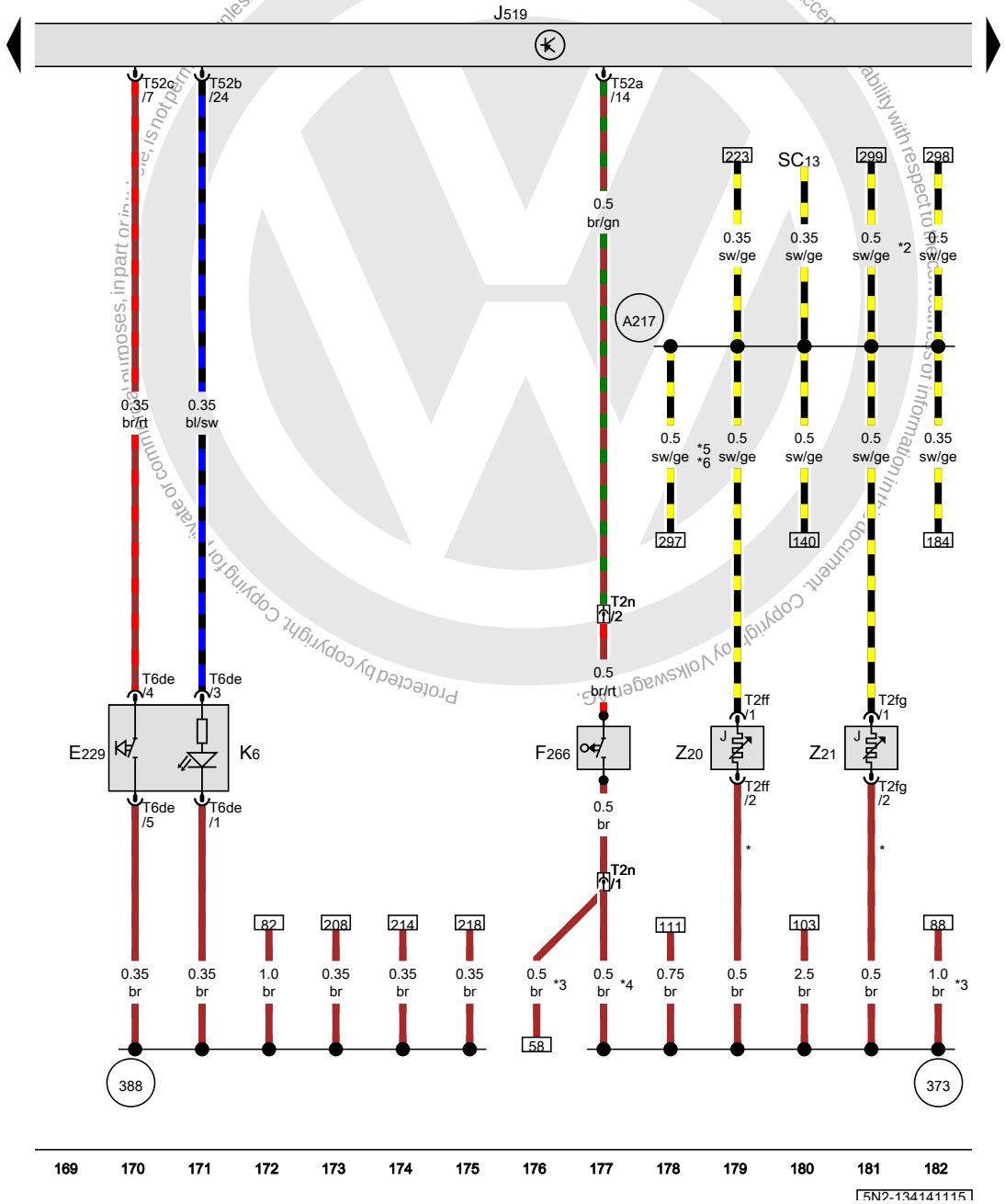
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
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Brake light switch, Onboard supply control unit, Rear right fog light bulb, Right tail light, Right tail light 2

F	Brake light switch
F47	Brake pedal switch
J519	Onboard supply control unit
L47	Rear right fog light bulb
M2	Right tail light bulb
MX4	Right tail light
MX6	Right tail light 2
M8	Rear right turn signal bulb
M22	Right brake and tail light bulb
M38	Rear right side marker bulb
M57	Right brake and turn signal bulb
SB23	Fuse 23 on fuse holder B
T3nr	3-pin connector
T4b	4-pin connector
T4bc	4-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52c	52-pin connector
B131	Connection (54), in interior wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	According to equipment
*2	Only models with side marker lights and turn signal repeaters
*3	Wire colour is white and wire is printed
*4	see applicable current flow diagram for engine
*5	Up to November 2011
*6	From November 2011

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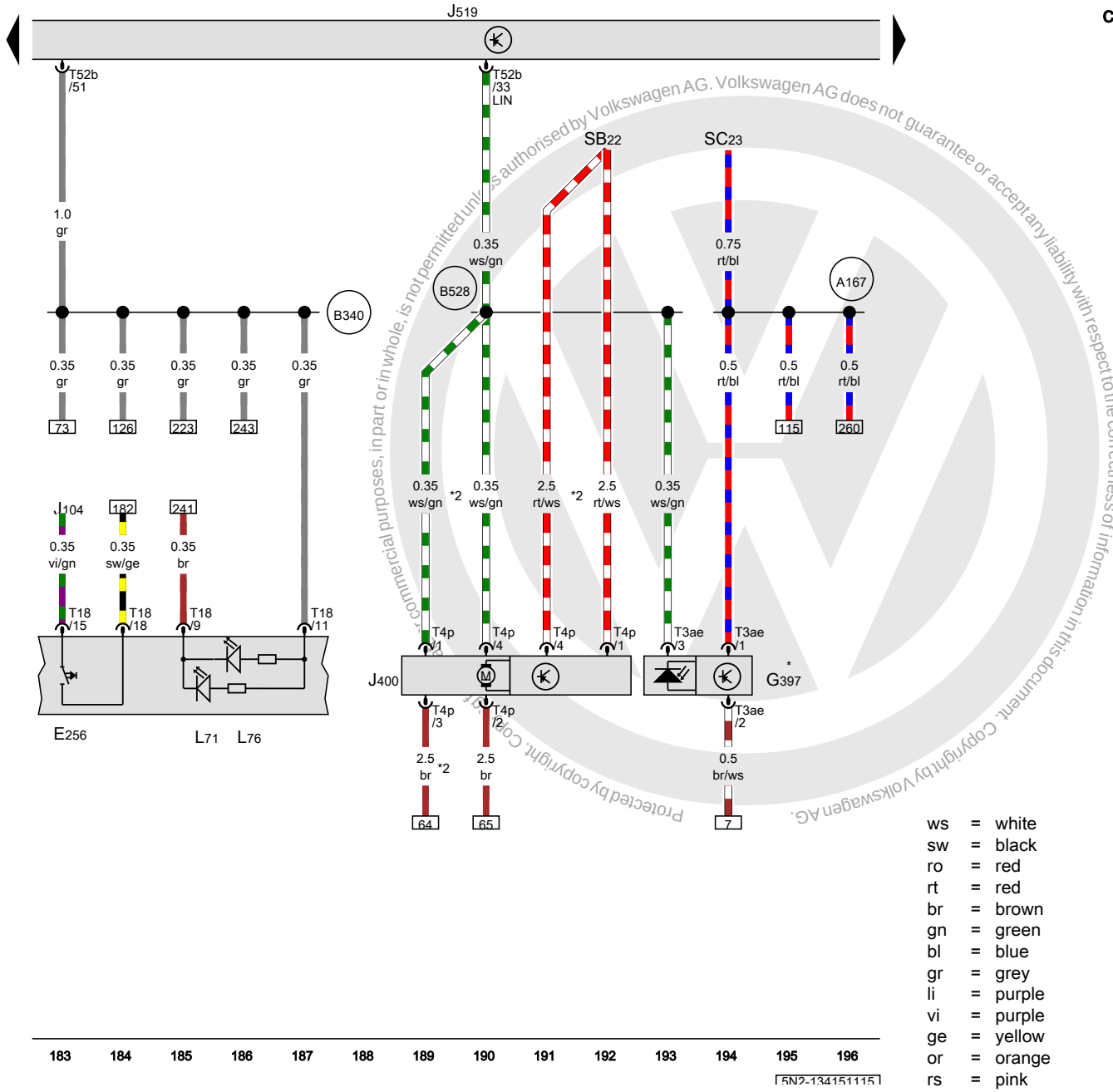
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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
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ge = yellow
or = orange
rs = pink

Hazard warning lights button, Bonnet contact switch, Onboard supply control unit, Left washer jet heater element, Right washer jet heater element

E229	Hazard warning lights button
F266	Bonnet contact switch
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
SC13	Fuse 13 on fuse holder C
T2ff	2-pin connector
T2fg	2-pin connector
T2n	2-pin connector
T6de	6-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
373	Earth connection 8, in main wiring harness
388	Earth connection 23, in main wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
*	According to equipment
*2	Only models with 1.4l engine
*3	From May 2013
*4	Up to May 2013
*5	Only models with diesel engine
*6	From May 2015

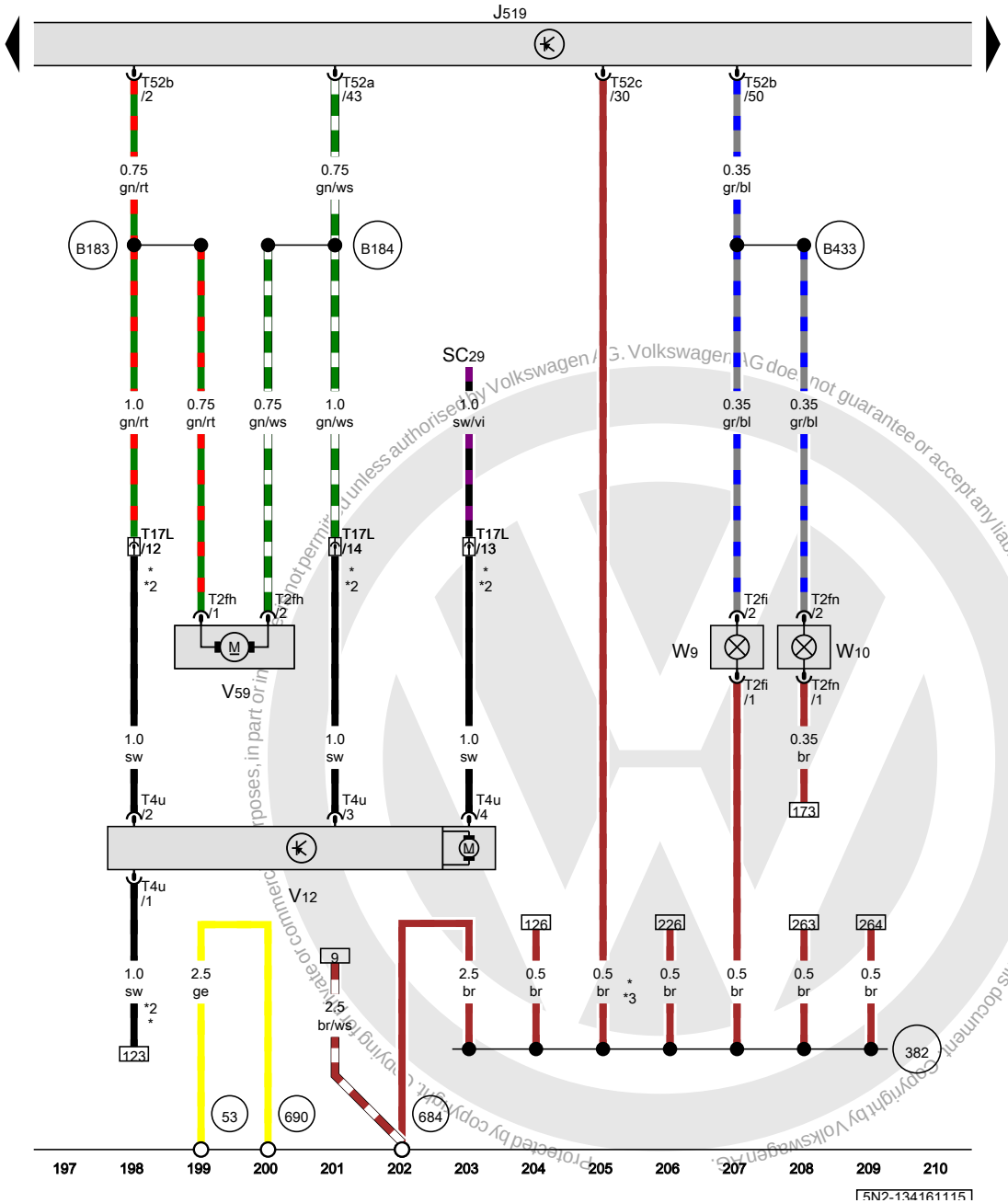


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Button for TCS and electronic stabilisation program, Rain and light sensor, Wiper motor control unit, Onboard supply control unit

E256	Button for TCS and electronic stabilisation program
G397	Rain and light sensor
J104	ABS control unit
J400	Wiper motor control unit
J519	Onboard supply control unit
L71	Traction control switch illumination bulb
L76	Button illumination bulb
SB22	Fuse 22 on fuse holder B
SC23	Fuse 23 on fuse holder C
T3ae	3-pin connector
T4p	4-pin connector
T18	18-pin connector
T52b	52-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
B340	Connection 1 (58d), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	According to equipment
*2	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

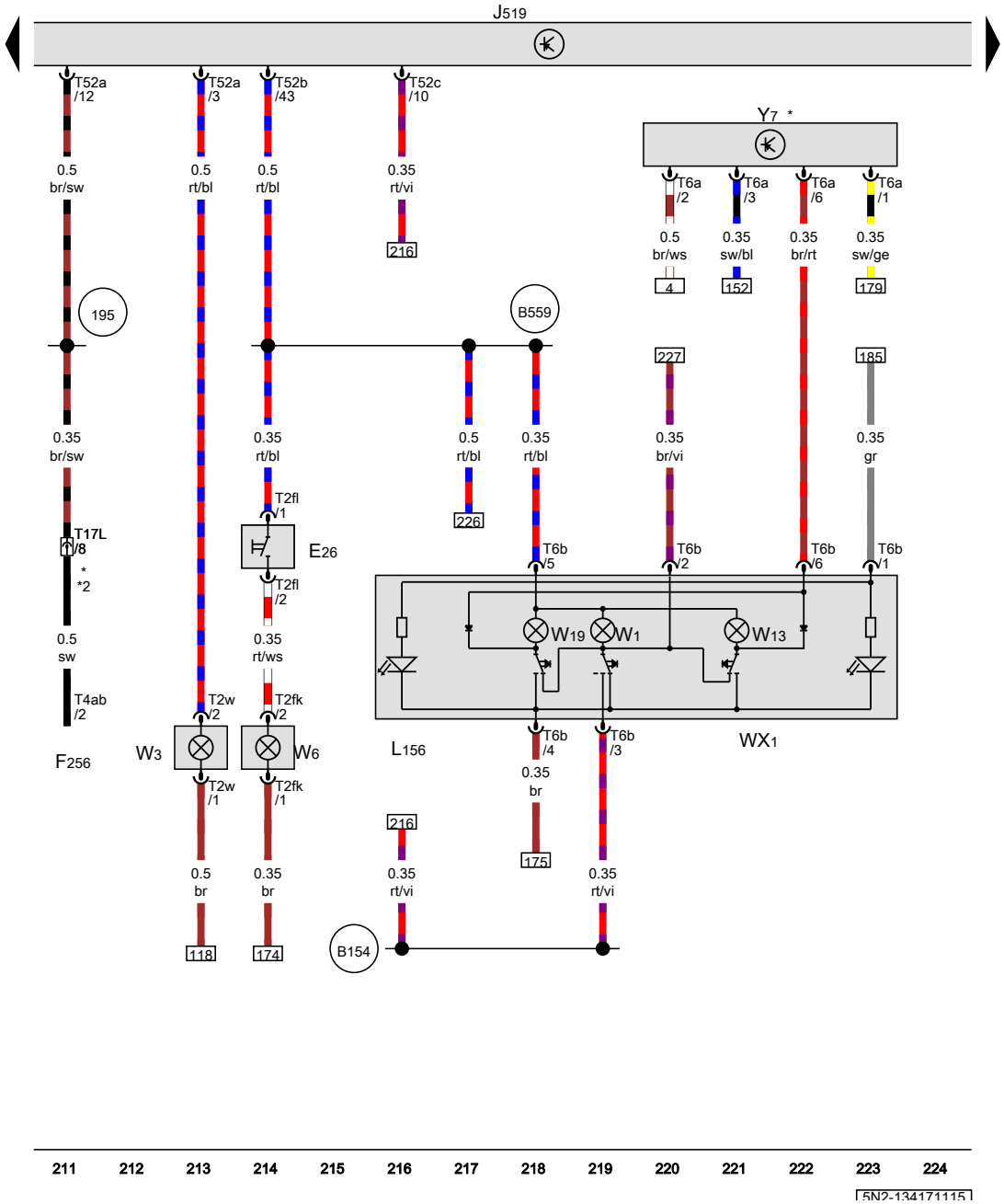


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump, Left footwell light, Right footwell light

J519	Onboard supply control unit
SC29	Fuse 29 on fuse holder C
T2fh	2-pin connector
T2fi	2-pin connector
T2fn	2-pin connector
T4u	4-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
W9	Left footwell light
W10	Right footwell light
53	Earth point, on right in rear lid
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
690	Earth point, rear centre roof frame
B183	Connection 1 (washer pump), in interior wiring harness
B184	Connection 2 (washer pump), in interior wiring harness
B433	Connection (footwell light), in main wiring harness
*	According to equipment
*2	Wire colour is white and wire is printed
*3	see applicable current flow diagram for gearbox

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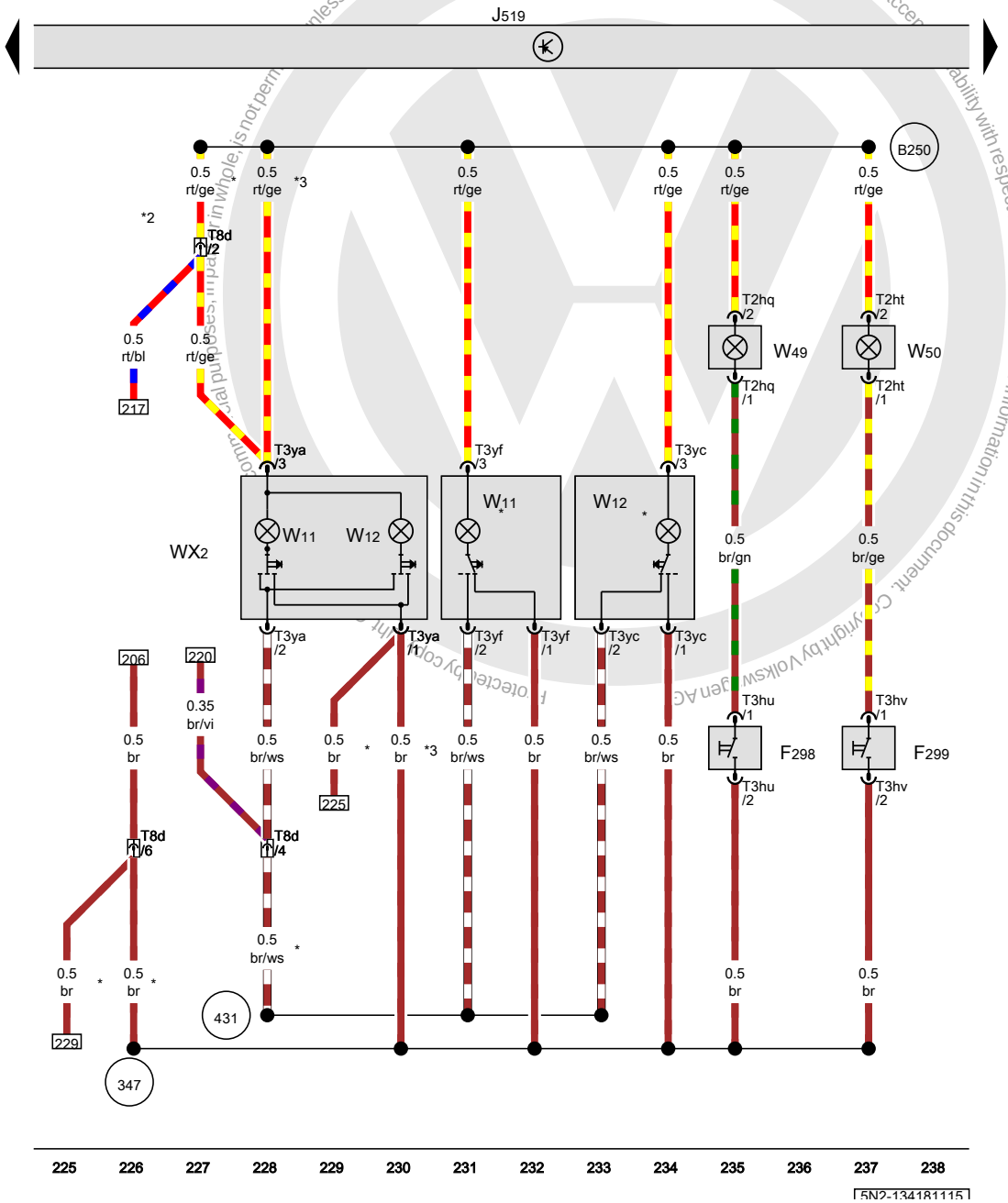


Onboard supply control unit, Front interior light, Luggage compartment light, Glove compartment light, Automatic anti-dazzle interior mirror

E26	Glove compartment light switch
F256	Rear lid lock unit
J519	Onboard supply control unit
L156	Switch illumination bulb
T2fk	2-pin connector
T2fl	2-pin connector
T2w	2-pin connector
T4ab	4-pin connector
T6a	6-pin connector
T6b	6-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
WX1	Front interior light
W1	Front interior light
W3	Luggage compartment light
W6	Glove compartment light
W13	Front passenger reading light
W19	Driver side reading light
Y7	Automatic anti-dazzle interior mirror
195	Earth connection, in rear door switch wiring harness
B154	Connection 1 (DCt), in interior wiring harness
B559	Positive connection 1 (30g), in main wiring harness
*	According to equipment
*2	Wire colour is white and wire is printed

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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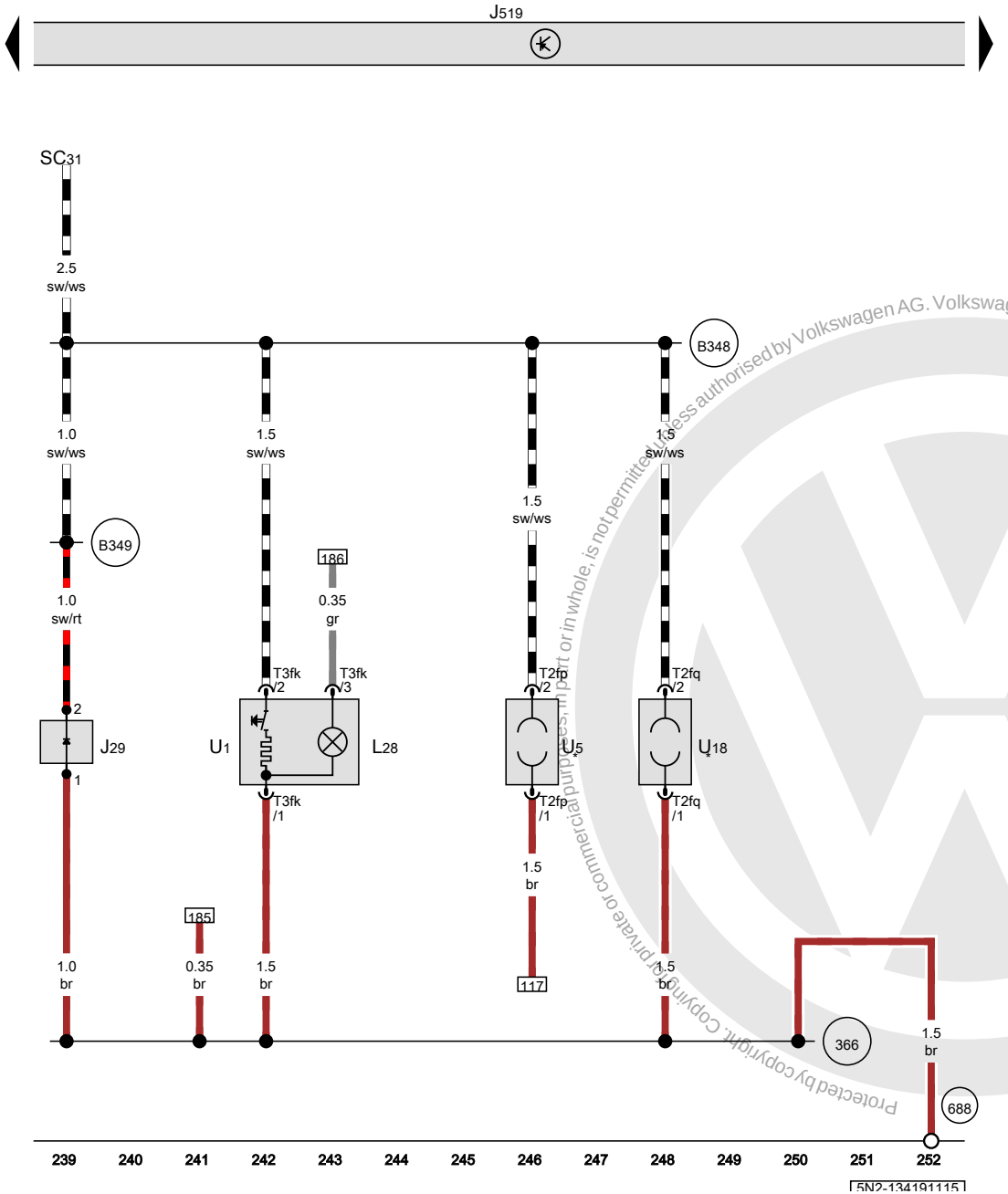
Onboard supply control unit, Rear interior light, Rear right reading light, Rear left illuminated vanity mirror, Rear right illuminated vanity mirror

F298	Rear left vanity mirror contact switch
F299	Rear right vanity mirror contact switch
J519	Onboard supply control unit
T2hq	2-pin connector, black
T2ht	2-pin connector, black
T3hu	3-pin connector, black
T3hv	3-pin connector, black
T3ya	3-pin connector, black
T3yc	3-pin connector, black
T3yf	3-pin connector, black
T8d	8-pin connector, black
WX2	Rear interior light
W11	Rear left reading light
W12	Rear right reading light
W49	Rear left illuminated vanity mirror
W50	Rear right illuminated vanity mirror
347	Earth connection, in roof wiring harness
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
*	Only models with panoramic sliding sunroof
*2	According to equipment
*3	Only models with illuminated vanity mirror

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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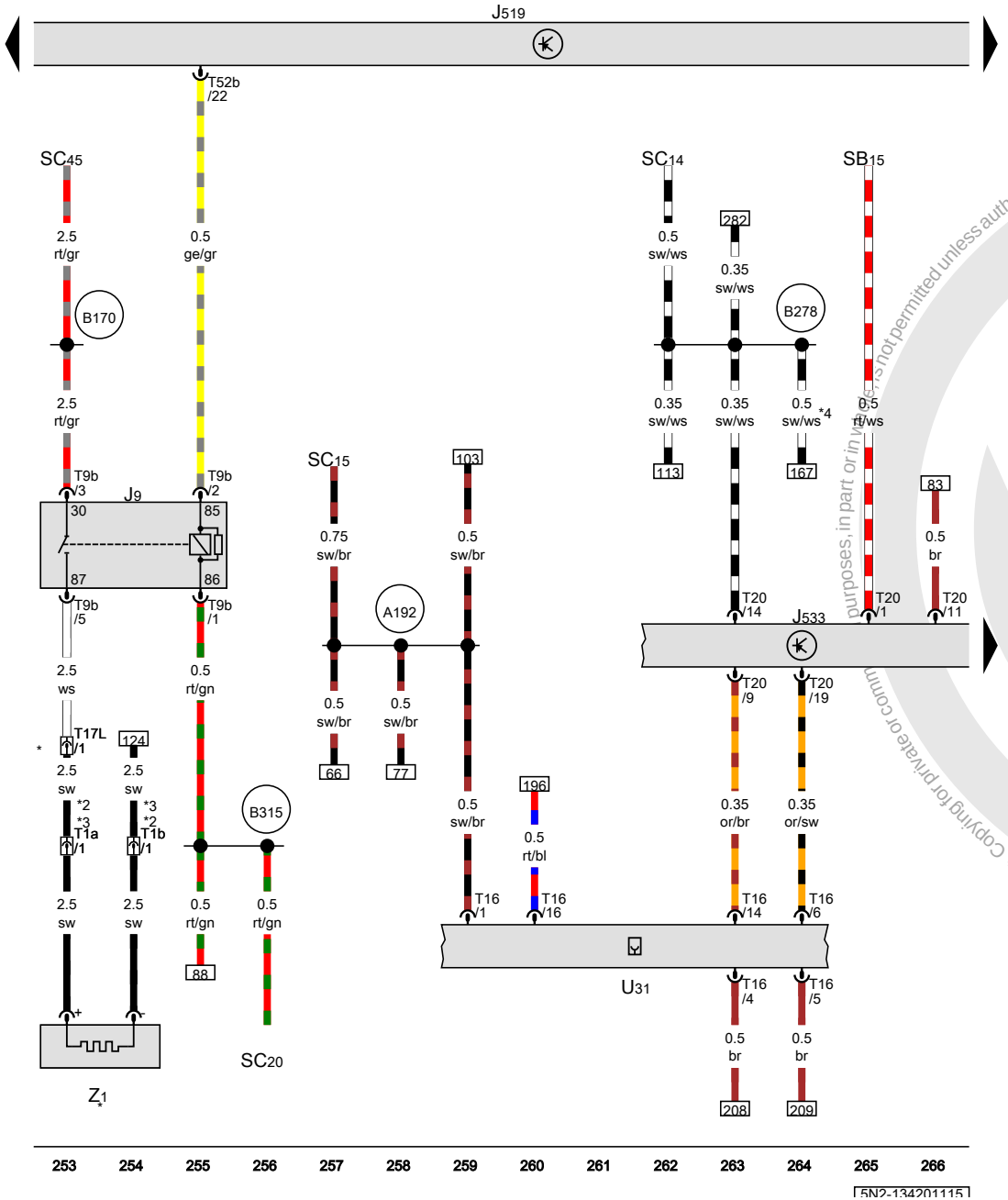
Onboard supply control unit, Cigarette lighter, 12 V socket, 12 V socket 2



J29	Blocking diode
J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
SC31	Fuse 31 on fuse holder C
T2fp	2-pin connector
T2fq	2-pin connector
T3fk	3-pin connector
U1	Cigarette lighter, in front centre console
U5	12 V socket, in luggage compartment
U18	12 V socket 2, in rear centre console
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B348	Connection 1 (75a), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Heated rear window relay, Onboard supply control unit, Data bus diagnostic interface, Diagnostic connection, Heated rear window

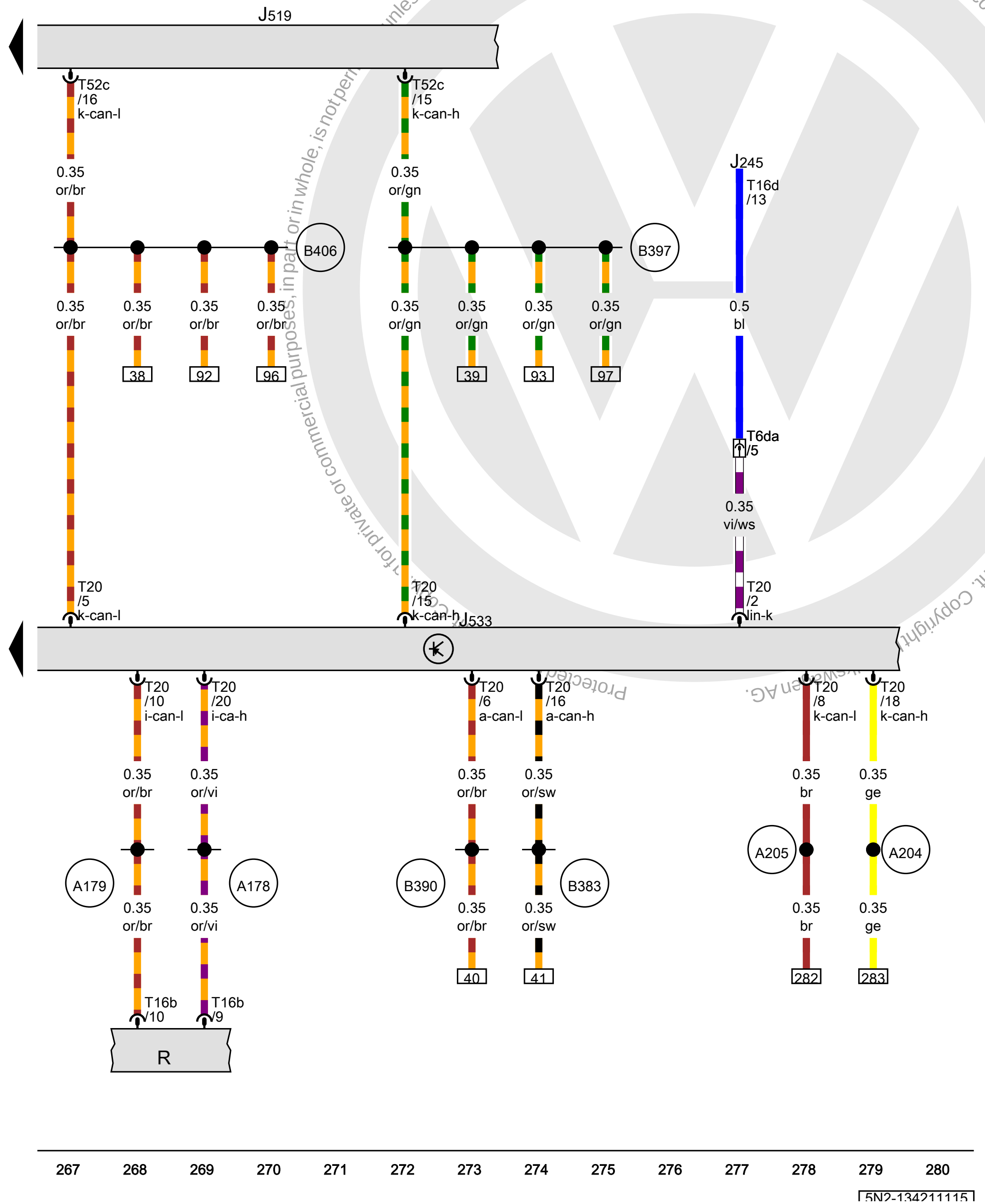
J9	Heated rear window relay
J519	Onboard supply control unit
J533	Data bus diagnostic interface
SC14	Fuse 14 on fuse holder C
SB15	Fuse 15 on fuse holder B
SC15	Fuse 15 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC45	Fuse 45 on fuse holder C
T1a	Single connector
T1b	Single connector
T9b	9-pin connector
T16	16-pin connector
T17L	17-pin connector
T20	20-pin connector
T52b	52-pin connector
U31	Diagnostic connection
Z1	Heated rear window
A192	Positive connection 3 (15a) in dash panel wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	see applicable current flow diagram for radio/ radio navigation system
*2	According to equipment
*3	Wire colour is white and wire is printed
*4	Up to November 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Onboard supply control unit, Data bus diagnostic interface

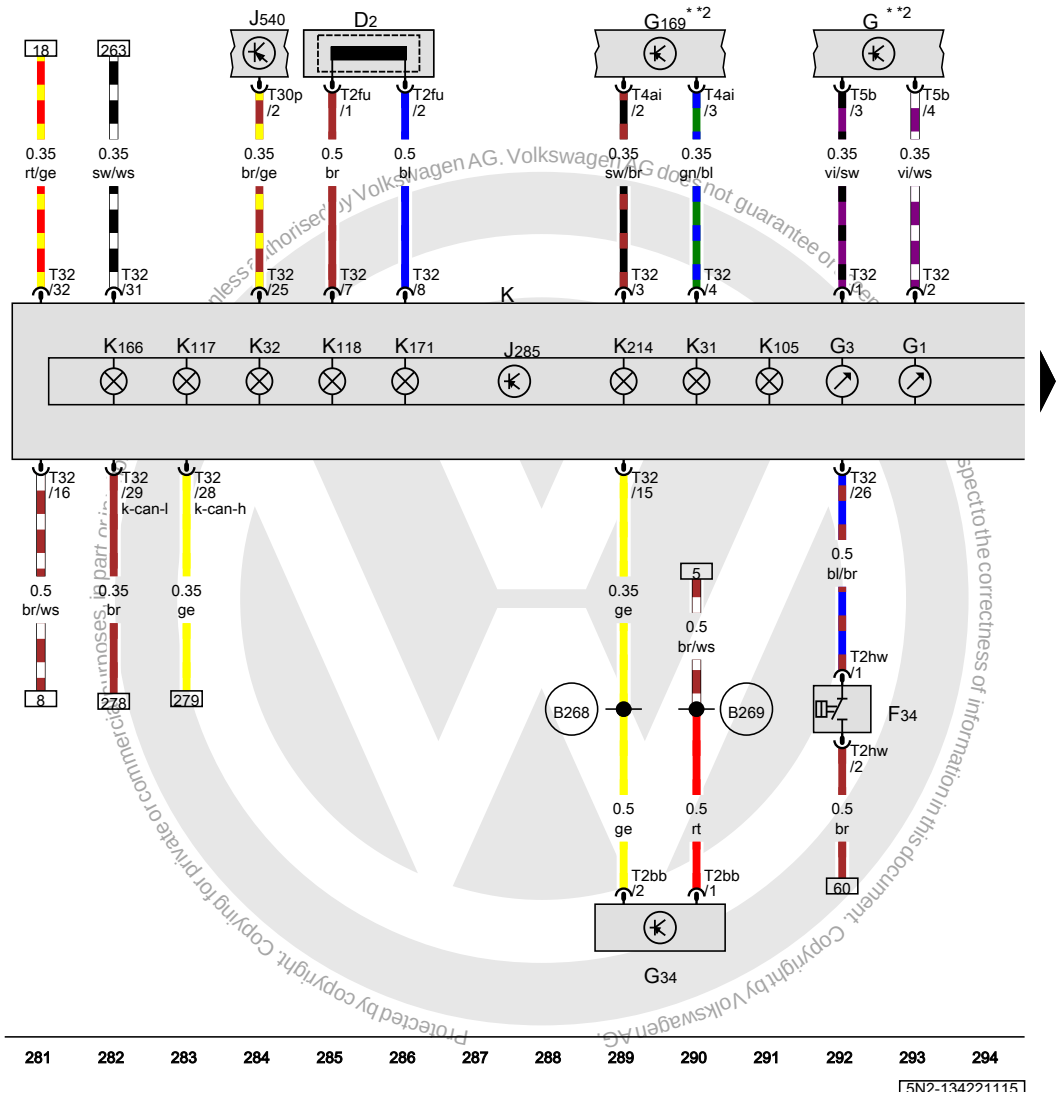
J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
R	Radio
T6da	6-pin connector
T16b	16-pin connector
T16d	16-pin connector
T20	20-pin connector
T52c	52-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Immobiliser reader coil, Fuel gauge sender, Front left brake pad wear sender, Control unit in dash panel insert, Dash panel insert

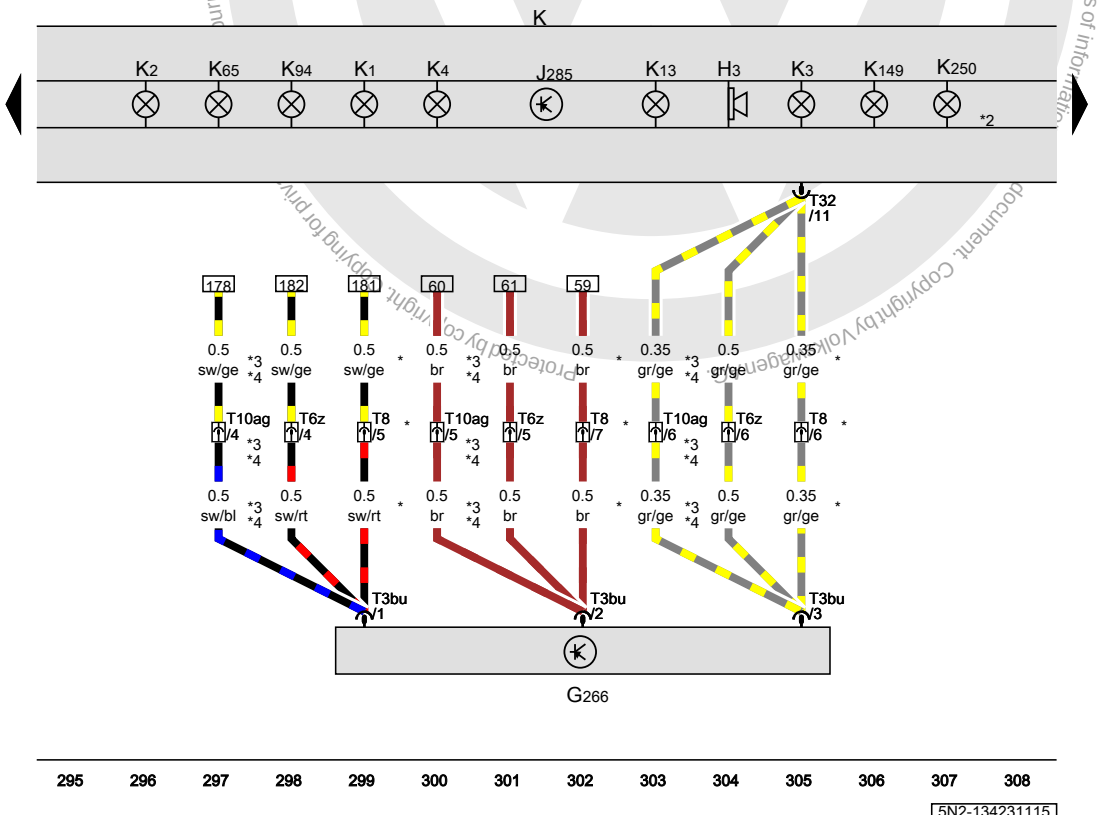


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D2	Immobiliser reader coil
F34	Brake fluid level warning contact
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G34	Front left brake pad wear sender
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J540	Control unit for electromechanical parking brake
K	Dash panel insert
K31	Cruise control system warning lamp
K32	Brake pad warning lamp
K105	Reserve fuel warning lamp
K117	Immobiliser warning lamp
K118	Brake system warning lamp
K166	Door open warning lamp
K171	Bonnet open warning lamp
K214	Electric parking brake and handbrake fault warning lamp
T2bb	2-pin connector
T2fu	2-pin connector
T2hw	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T30p	30-pin connector
T32	32-pin connector
B268	Connection 1 (brake pad wear indicator), in interior wiring harness
B269	Connection 2 (brake pad wear indicator), in interior wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine

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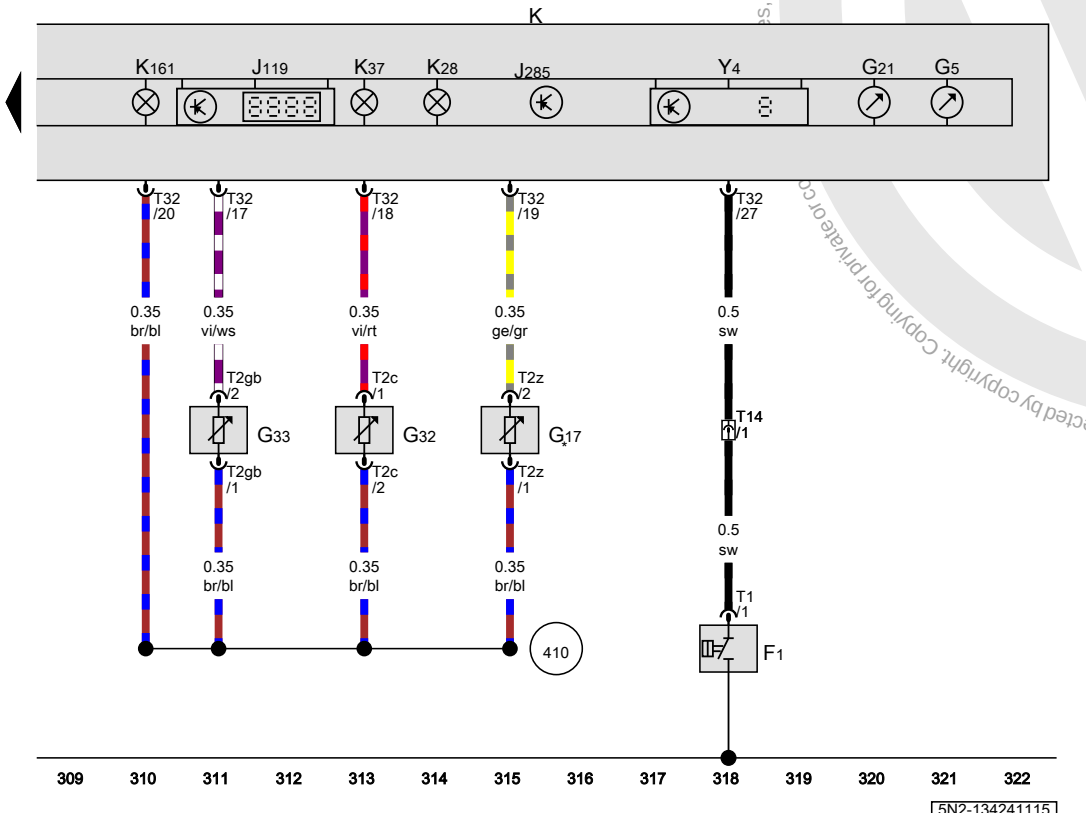
Control unit in dash panel insert, Dash panel insert

G266	Oil level and oil temperature sender
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K4	Side light warning lamp
K13	Rear fog light warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
K149	Engine electronics warning lamp
K250	Warning lamp for hill descent control
T3bu	3-pin connector, black
T6z	6-pin connector
T8	8-pin connector
T10ag	10-pin connector, black
T32	32-pin connector
*	Only models with 1.4l engine
*2	According to equipment
*3	Only models with diesel engine
*4	From May 2015

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Oil pressure switch, Ambient temperature sensor, Coolant shortage indicator sender, Windscreen washer fluid level sender, Control unit in dash panel insert, Dash panel insert

F1	Oil pressure switch
G5	Rev. counter
G17	Ambient temperature sensor
G21	Speedometer
G32	Coolant shortage indicator sender
G33	Windscreen washer fluid level sender
J119	Multifunction indicator
J285	Control unit in dash panel insert
K	Dash panel insert
K28	Coolant temperature and coolant shortage warning lamp
K37	Washer fluid level warning lamp
K161	Electromechanical power steering warning lamp
T1	Single connector
T2c	2-pin connector
T2gb	2-pin connector
T2z	2-pin connector
T14	14-pin connector
T32	32-pin connector
Y4	Trip counter
(410)	Earth connection 1 (sender earth) in main wiring harness
*	According to equipment



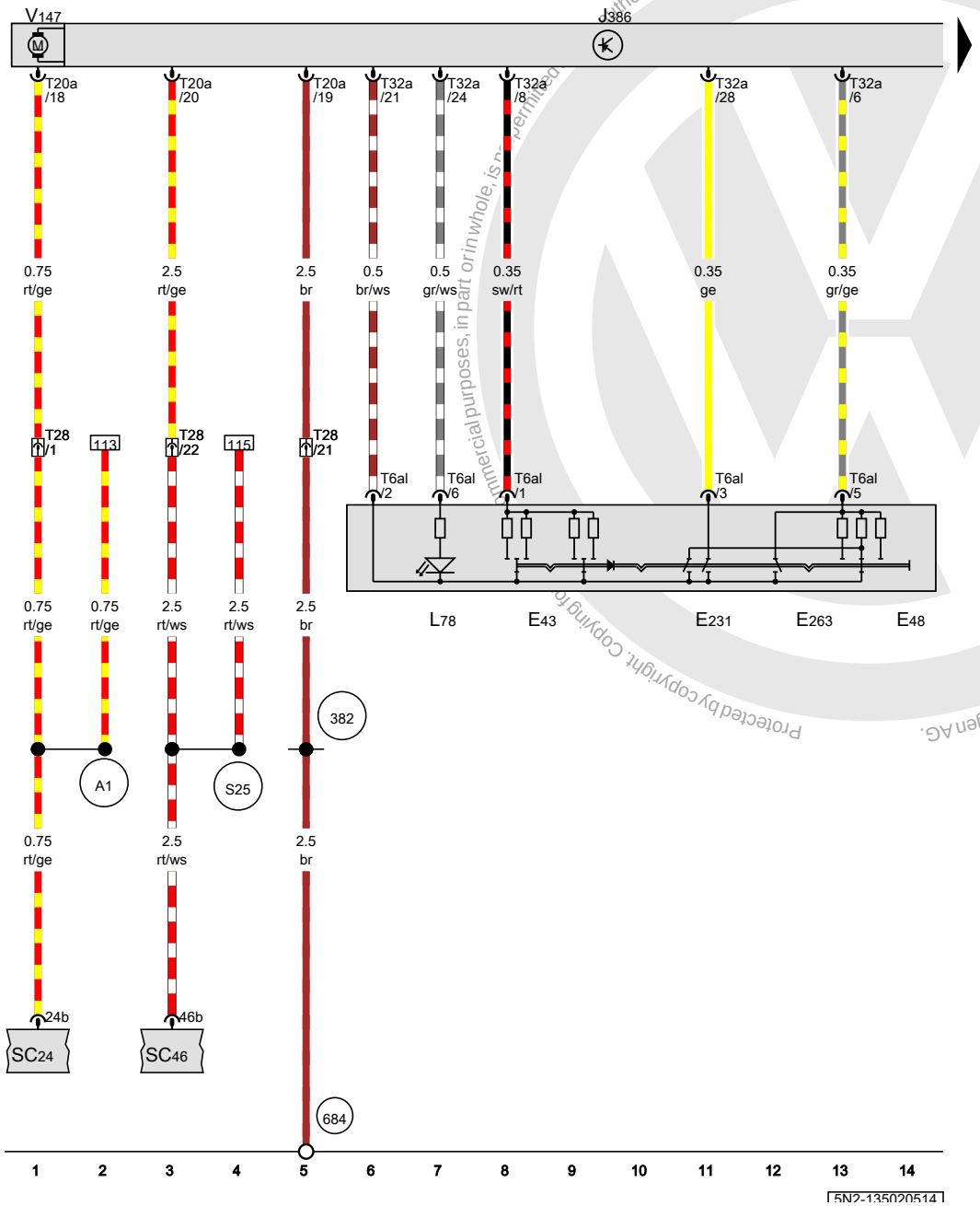
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rs	=	pink

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Convenience system

From May 2011

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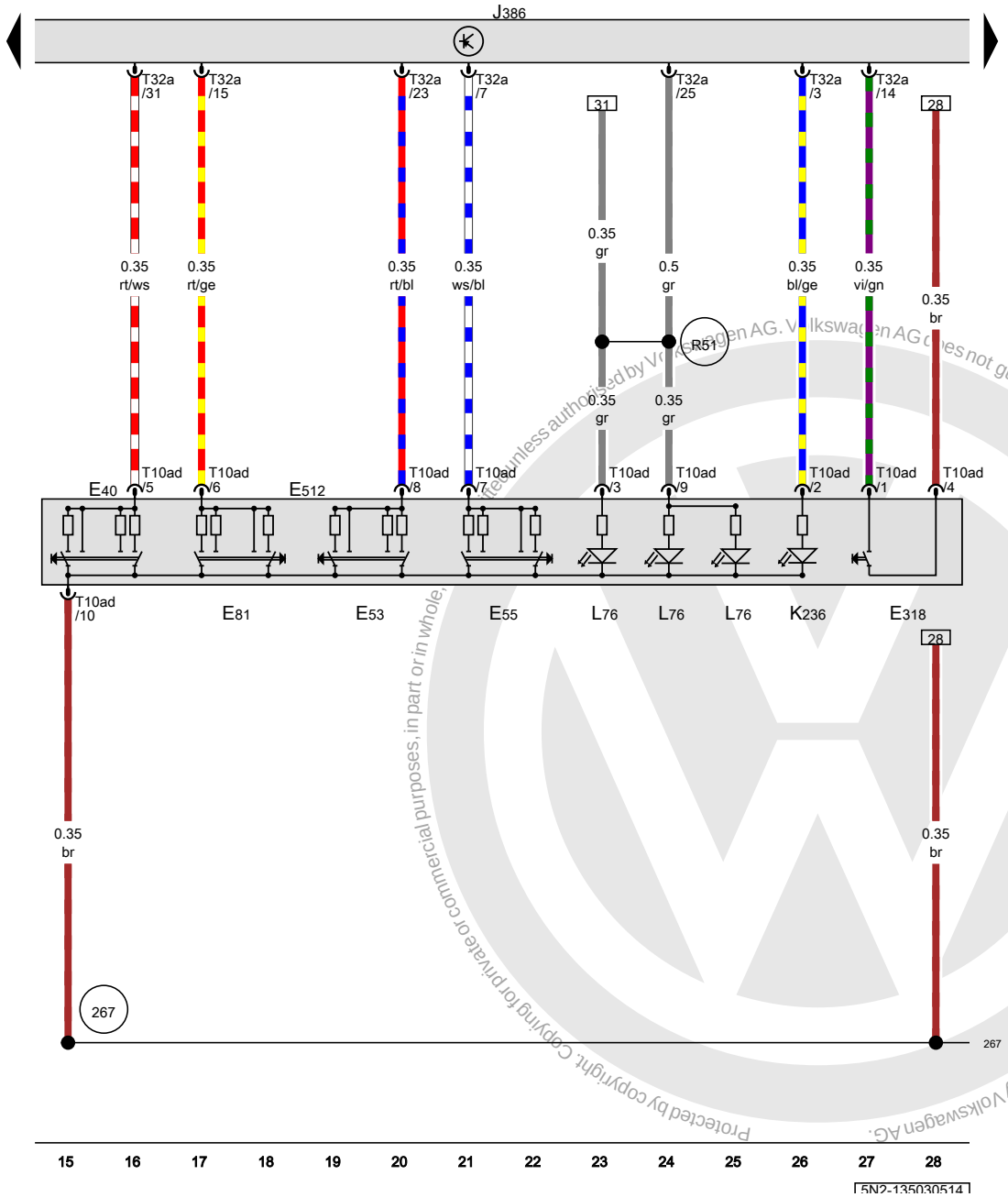


Mirror adjustment switch, Driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E231	Exterior mirror heater button
E263	Fold-in mirror switch
J386	Driver door control unit
L78	Mirror adjustment switch illumination bulb
SC24	Fuse 24 on fuse holder C
SC46	Fuse 46 on fuse holder C
T6al	6-pin connector
T20a	20-pin connector
T28	28-pin connector
T32a	32-pin connector
V147	Driver side window regulator motor
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
A1	Positive connection (30a), in dash panel wiring harness
S25	Positive connection (30a), in central locking wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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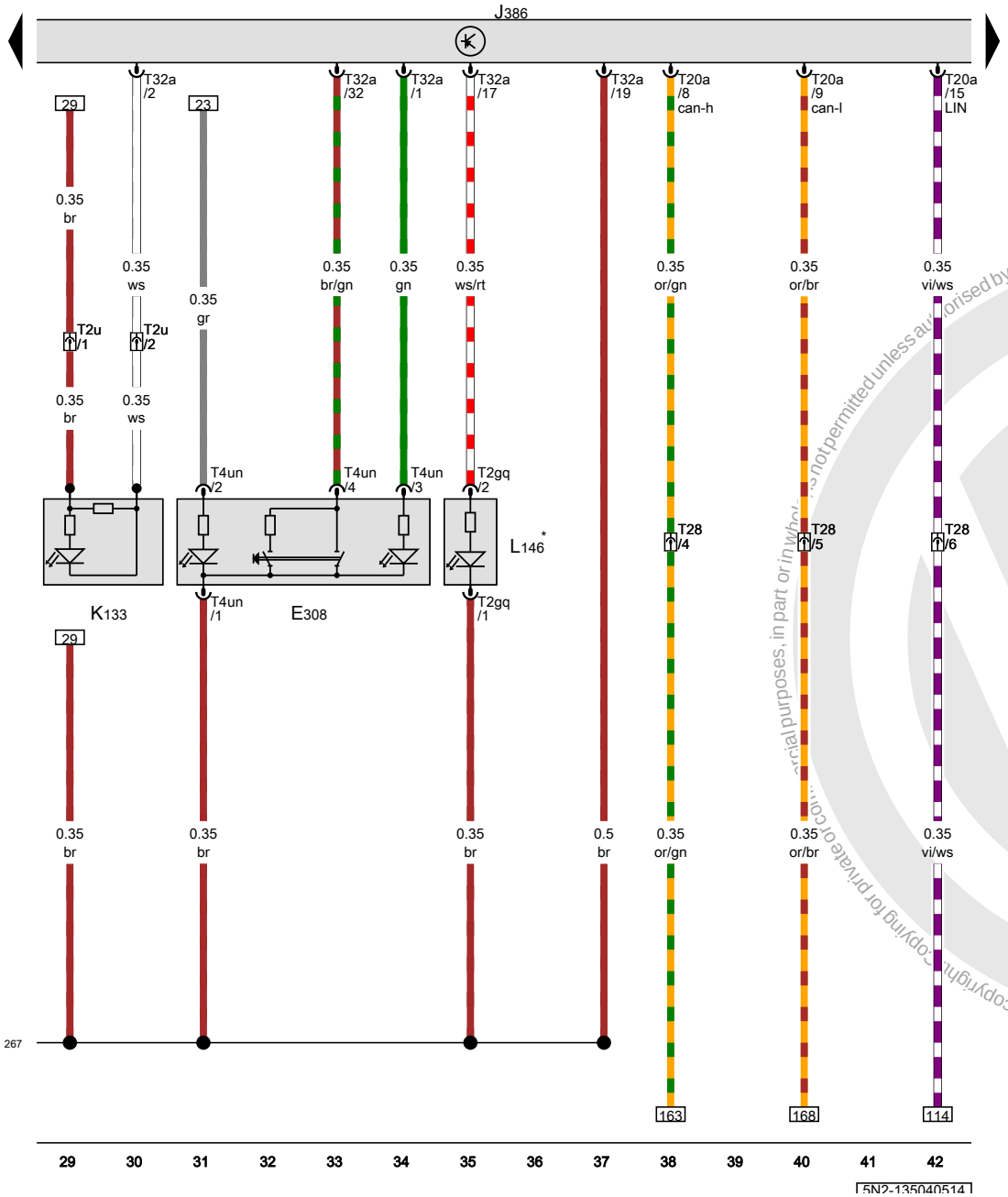


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Operating unit for window regulator in driver door, Driver door control unit

E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E318	Childproof lock button
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
K236	Warning light for activated childproof lock
L76	Button illumination bulb
T10ad	10-pin connector
T32a	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R51	Connection (58b), in driver side door wiring harness

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Driver side interior locking button for central locking system, Driver door control unit, Central locking SAFELOCK function warning lamp, Driver side door interior handle illumination bulb

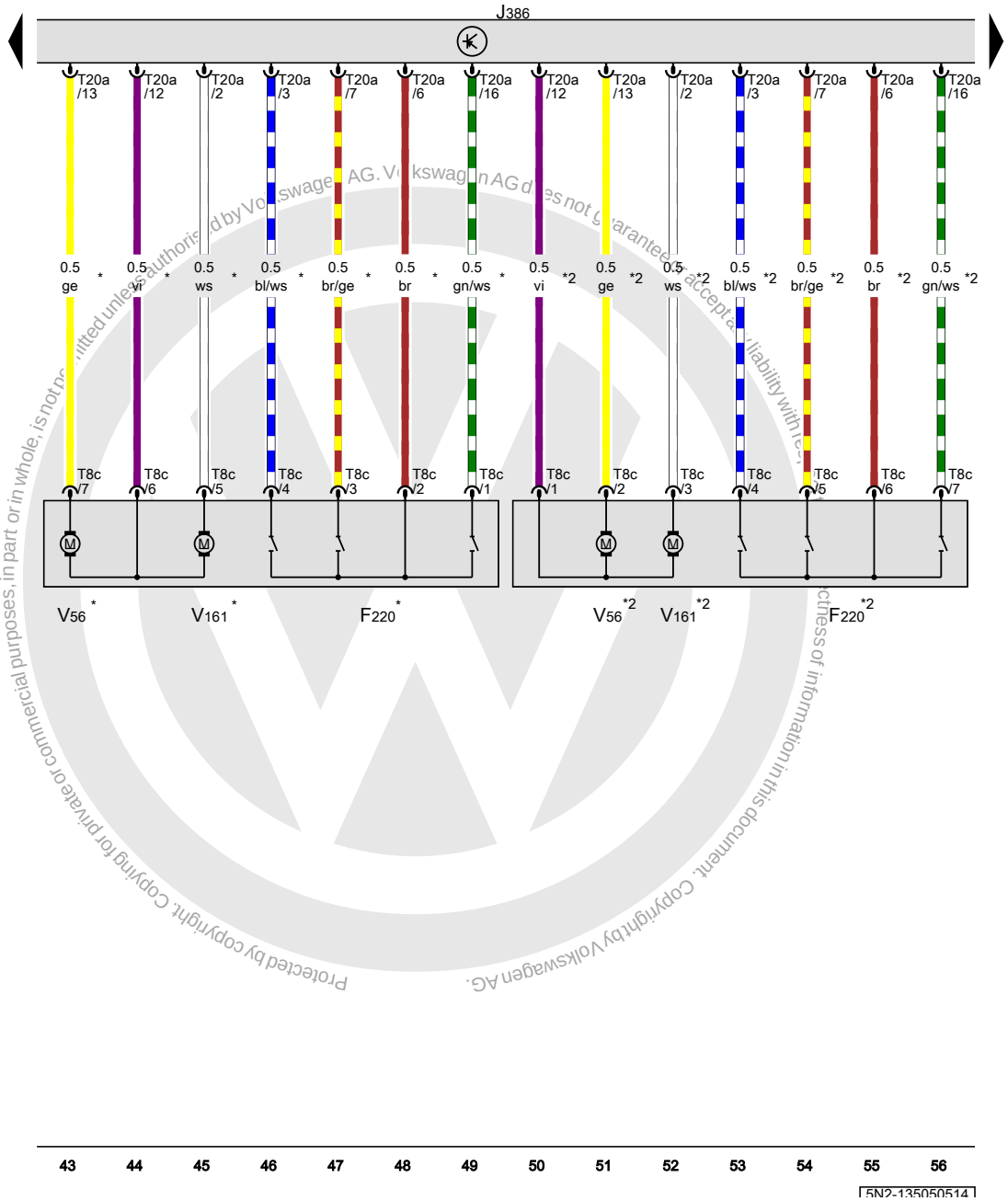
E308	Driver side interior locking button for central locking system
J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L146	Driver side door interior handle illumination bulb
T2gq	2-pin connector
T2u	2-pin connector
T4un	4-pin connector
T20a	20-pin connector
T28	28-pin connector
T32a	32-pin connector
(267)	Earth connection 2, in drive side door wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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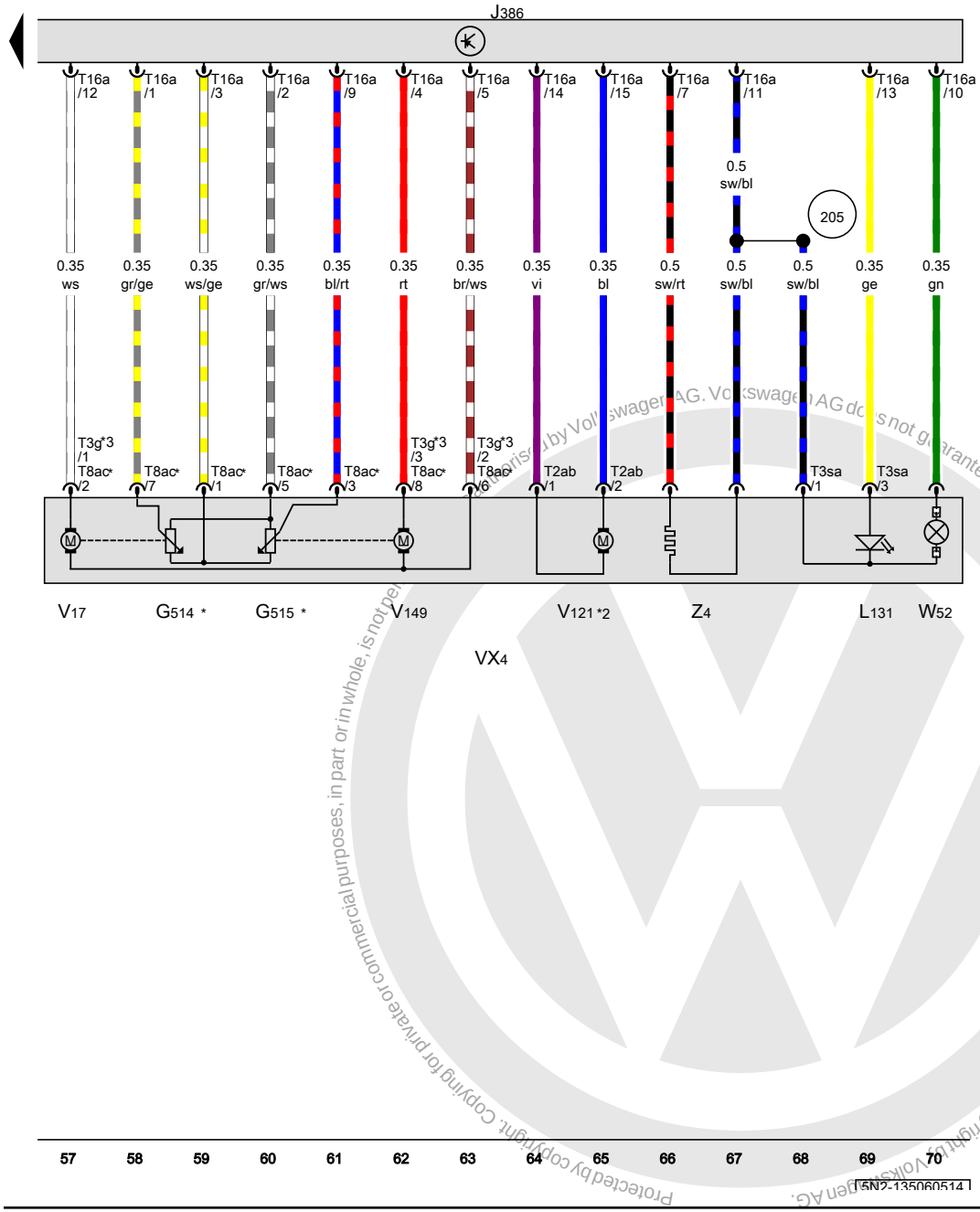
Driver side central locking lock unit, Driver door control unit

F220	Driver side central locking lock unit
J386	Driver door control unit
T8c	8-pin connector
T20a	20-pin connector
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
*	Only left-hand drive models
*2	Only right-hand drive models



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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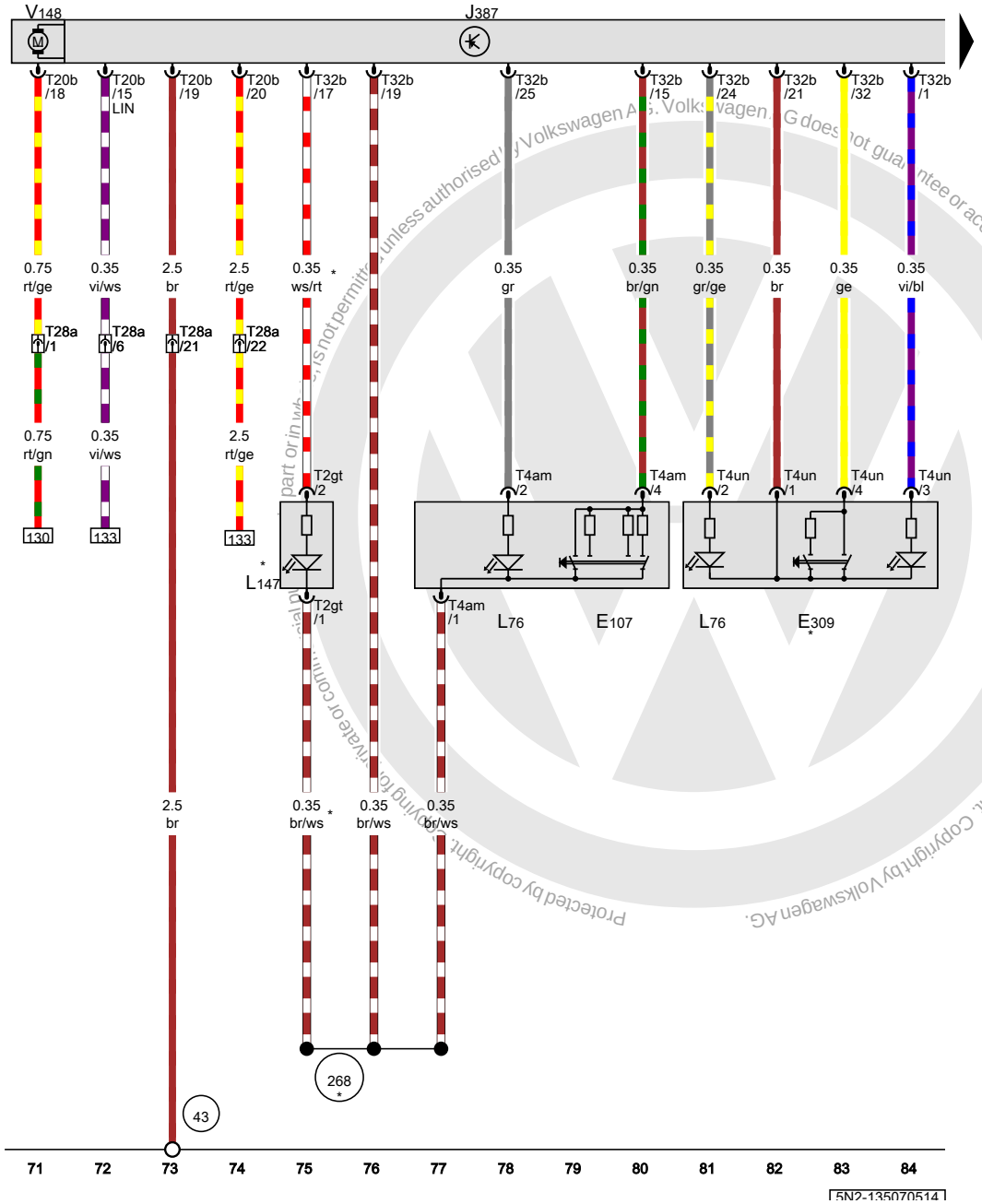


Driver door control unit, Driver side exterior mirror

G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
L131	Driver side turn signal repeater bulb
T2ab	2-pin connector
T3g	3-pin connector
T3sa	3-pin connector
T8ac	8-pin connector
T16a	16-pin connector
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
W52	Driver side entry light in exterior mirror
Z4	Heated exterior mirror on driver side
205	Earth connection, in driver door wiring harness
*	Only models with electric seat adjustment and memory function
*2	Only models with electric folding exterior mirrors
*3	Only models with no memory function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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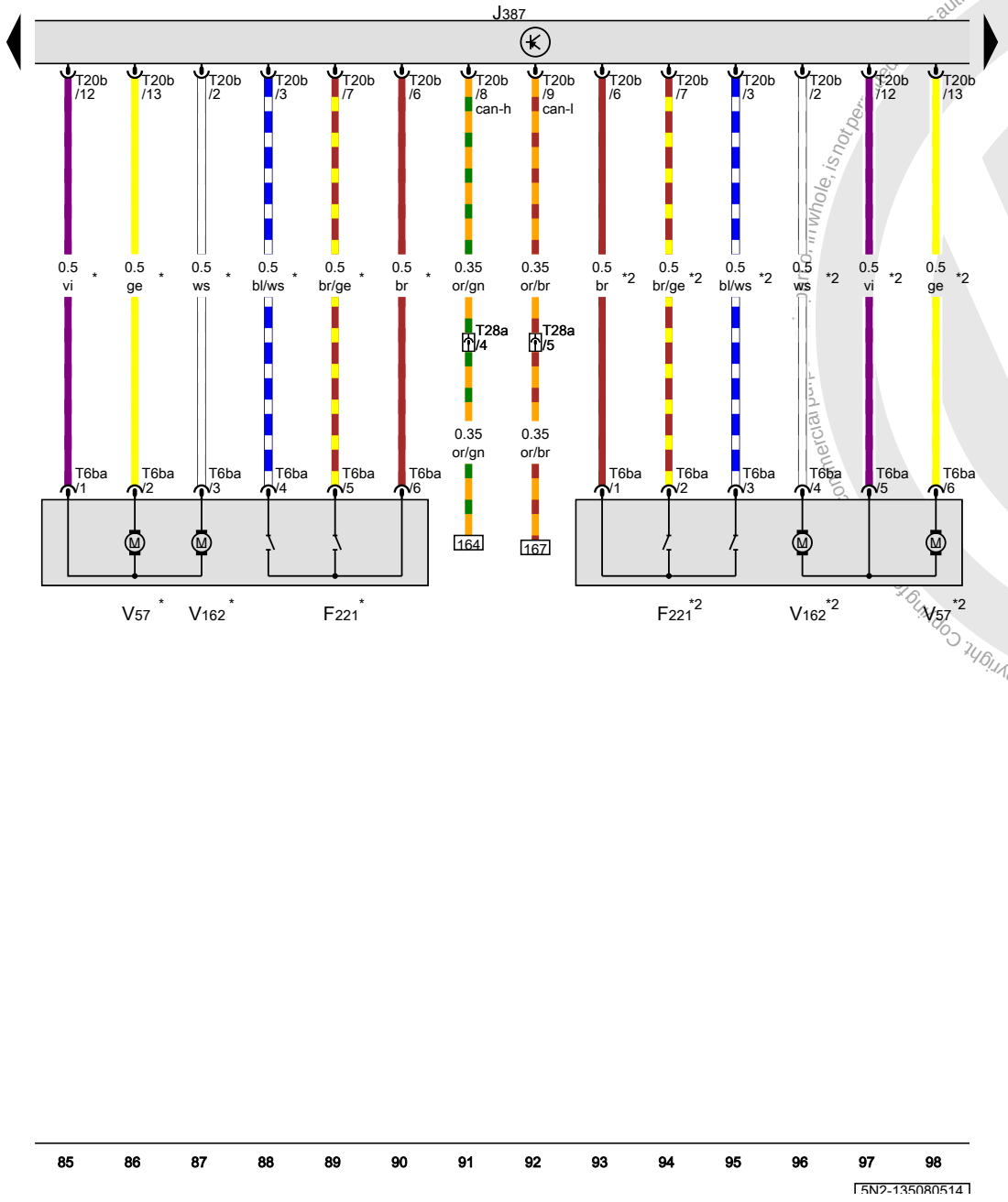


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gn = green
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Window regulator switch in front passenger door, Front passenger side interior locking button for central locking system, Front passenger door control unit, Front passenger side door interior handle illumination bulb

E107	Window regulator switch in front passenger door
E309	Front passenger side interior locking button for central locking system
J387	Front passenger door control unit
L76	Button illumination bulb
L147	Front passenger side door interior handle illumination bulb
T2gt	2-pin connector
T4am	4-pin connector
T4un	4-pin connector
T20b	20-pin connector
T28a	28-pin connector
T32b	32-pin connector
V148	Front passenger side window regulator motor
43	Earth point, lower part of right A-pillar
268	Earth connection 2, in front passenger side door wiring harness
*	According to equipment

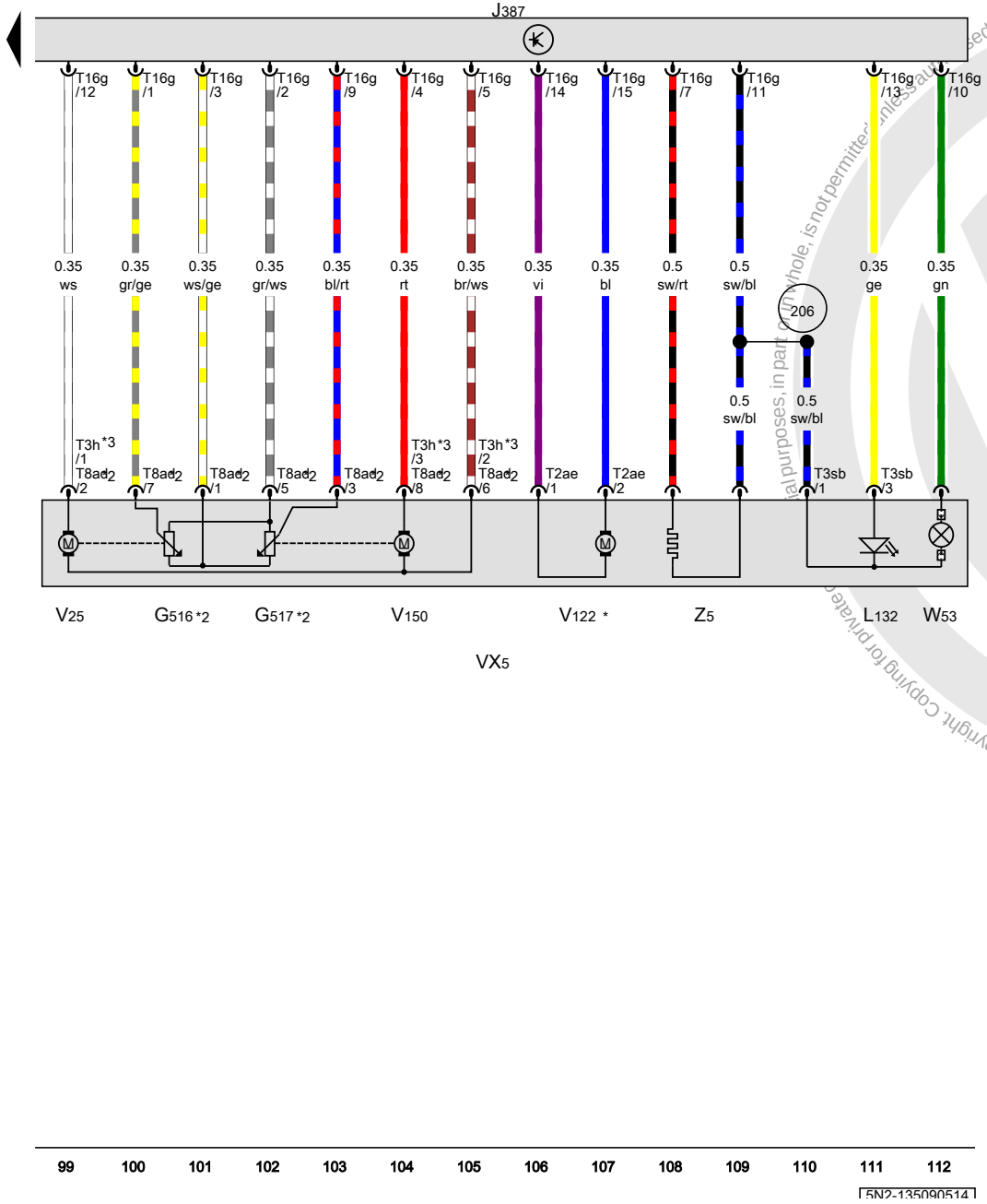


Front passenger side central locking lock unit, Front passenger door control unit

F221	Front passenger side central locking lock unit
J387	Front passenger door control unit
T6ba	6-pin connector
T20b	20-pin connector
T28a	28-pin connector
V57	Front passenger seat central locking motor
V162	Front passenger door central locking SAFELOCK function motor
*	Only left-hand drive models
*2	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

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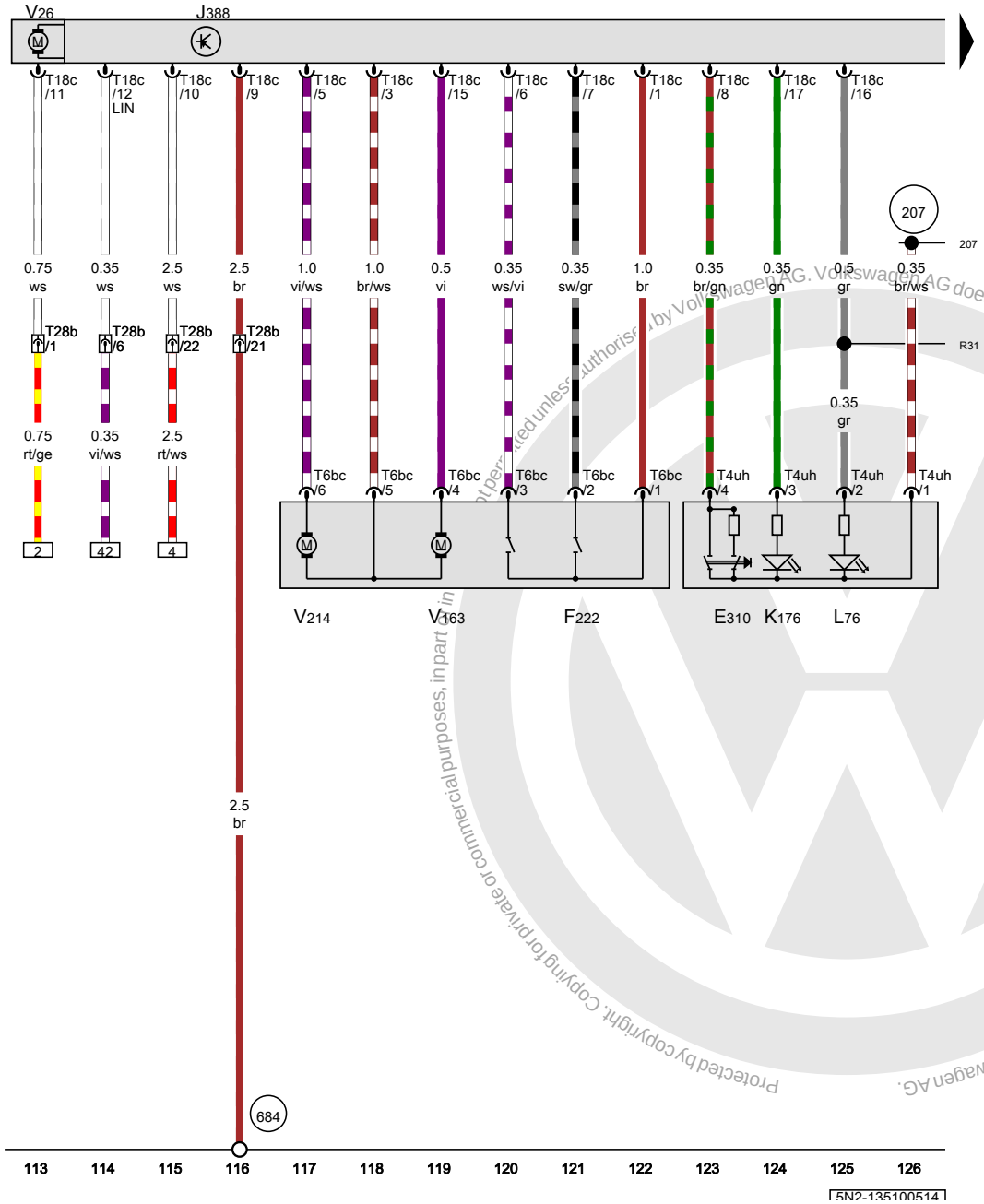


Front passenger door control unit, Front passenger side exterior mirror

G516	Potentiometer for horizontal adjustment of front passenger side mirror
G517	Potentiometer for vertical adjustment of front passenger side mirror
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T2ae	2-pin connector
T3h	3-pin connector
T3sb	3-pin connector
T8ad	8-pin connector
T16g	16-pin connector
VX5	Front passenger side exterior mirror
V25	Front passenger side mirror adjustment motor
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
W53	Front passenger side entry light in exterior mirror
Z5	Heated exterior mirror on front passenger side
206	Earth connection, in front passenger door wiring harness
*	Only models with electric folding exterior mirrors
*2	Only models with electric seat adjustment and memory function
*3	Only models with no memory function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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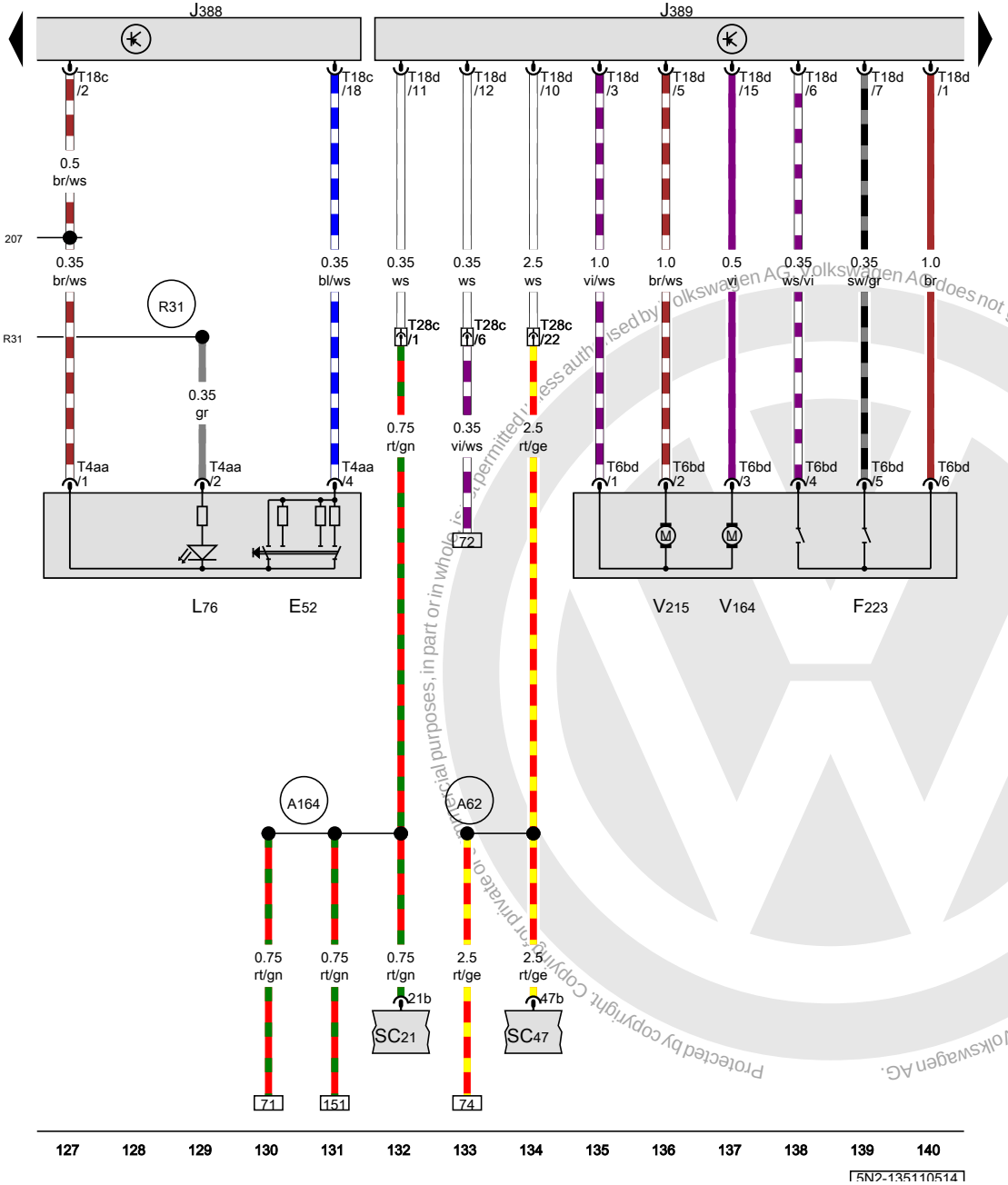


Rear left interior locking button for central locking system, Rear left central locking lock unit, Rear left door control unit

E310	Rear left interior locking button for central locking system
F222	Rear left central locking lock unit
J388	Rear left door control unit
K176	Rear left interior locking warning lamp
L76	Button illumination bulb
T4uh	4-pin connector
T6bc	6-pin connector
T18c	18-pin connector
T28b	28-pin connector
V26	Rear left window regulator motor
V163	Rear left door central locking SAFELOCK function motor
V214	Rear left door central locking motor, lock
207	Earth connection, in rear left door wiring harness
684	Earth point on front of left side member
R31	Connection 1, in rear left door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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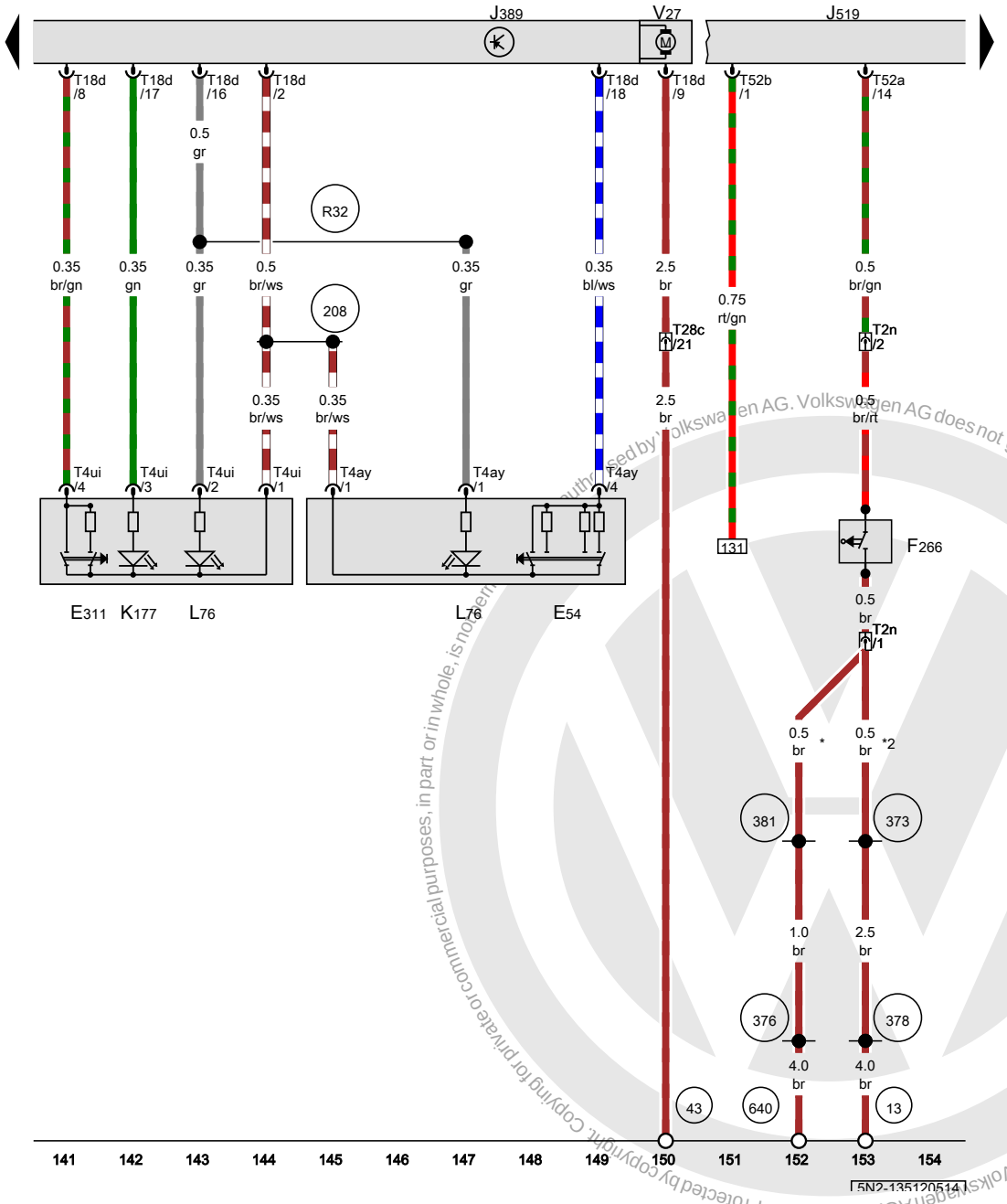


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Rear left window regulator switch, in door, Rear right central locking lock unit, Rear left door control unit, Rear right door control unit

E52	Rear left window regulator switch, in door
F223	Rear right central locking lock unit
J388	Rear left door control unit
J389	Rear right door control unit
L76	Button illumination bulb
SC21	Fuse 21 on fuse holder C
SC47	Fuse 47 on fuse holder C
T4aa	4-pin connector
T6bd	6-pin connector
T18c	18-pin connector
T18d	18-pin connector
T28c	28-pin connector
V164	Rear right door central SAFELOCK function locking motor
V215	Rear right door central locking motor, lock
207	Earth connection, in rear left door wiring harness
A62	Connection (window regulators), in dash panel wiring harness
A164	Positive connection 2 (30a) in dash panel wiring harness
R31	Connection 1, in rear left door wiring harness

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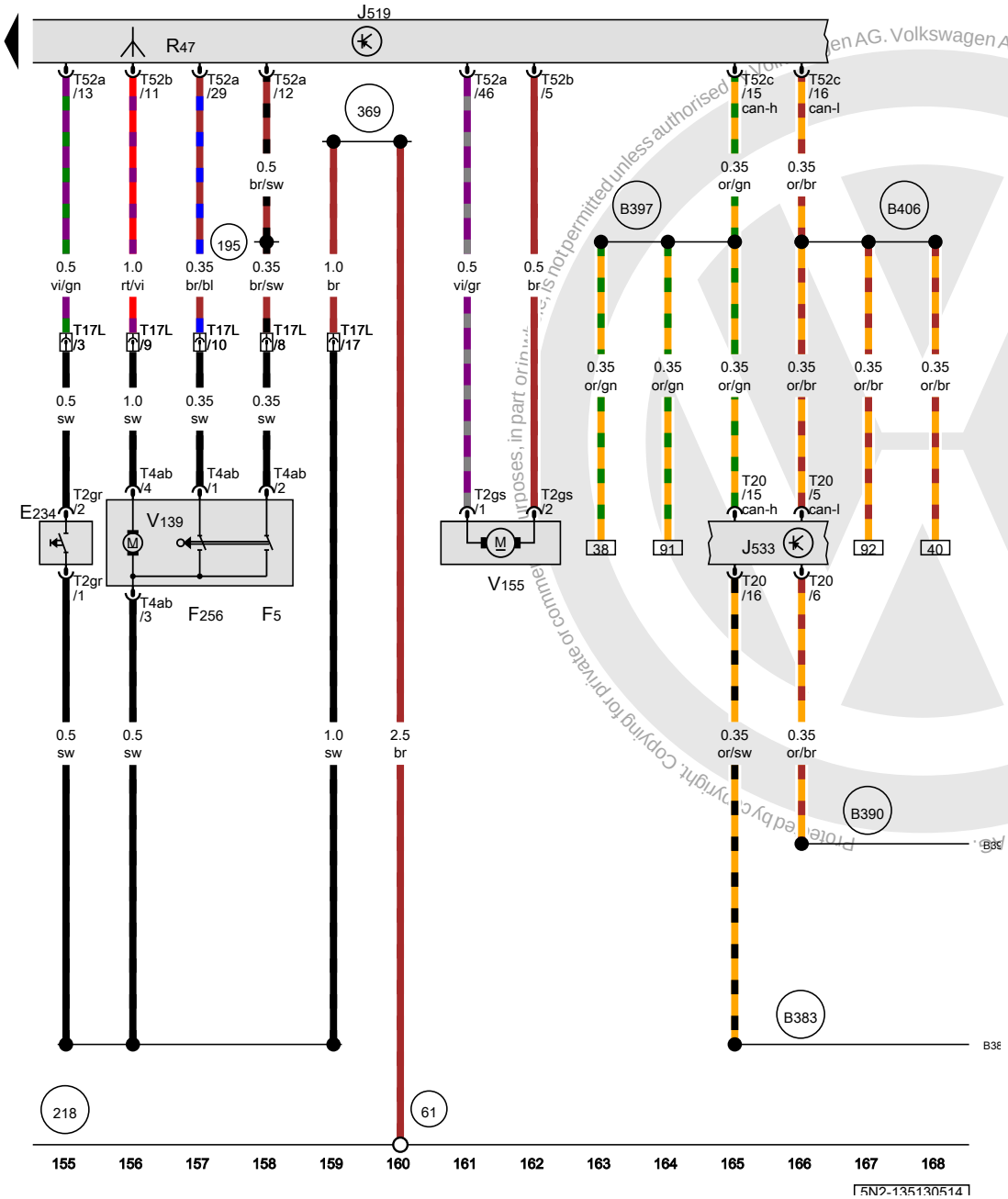


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Rear right window regulator switch, in door, Rear right interior locking button for central locking system, Bonnet contact switch, Rear right door control unit, Onboard supply control unit

E54	Rear right window regulator switch, in door
E311	Rear right interior locking button for central locking system
F266	Bonnet contact switch
J389	Rear right door control unit
J519	Onboard supply control unit
K177	Rear right interior locking warning lamp
L76	Button illumination bulb
T2n	2-pin connector
T4ay	4-pin connector
T4ui	4-pin connector
T18d	18-pin connector
T28c	28-pin connector
T52a	52-pin connector
T52b	52-pin connector
V27	Rear right window regulator motor
13	Earth point, on right in engine compartment
43	Earth point, lower part of right A-pillar
208	Earth connection, in rear right door wiring harness
373	Earth connection 8, in main wiring harness
376	Earth connection 11, in main wiring harness
378	Earth connection 13, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
R32	Connection 2, in rear right door wiring harness
*	From May 2013
*2	Up to May 2013

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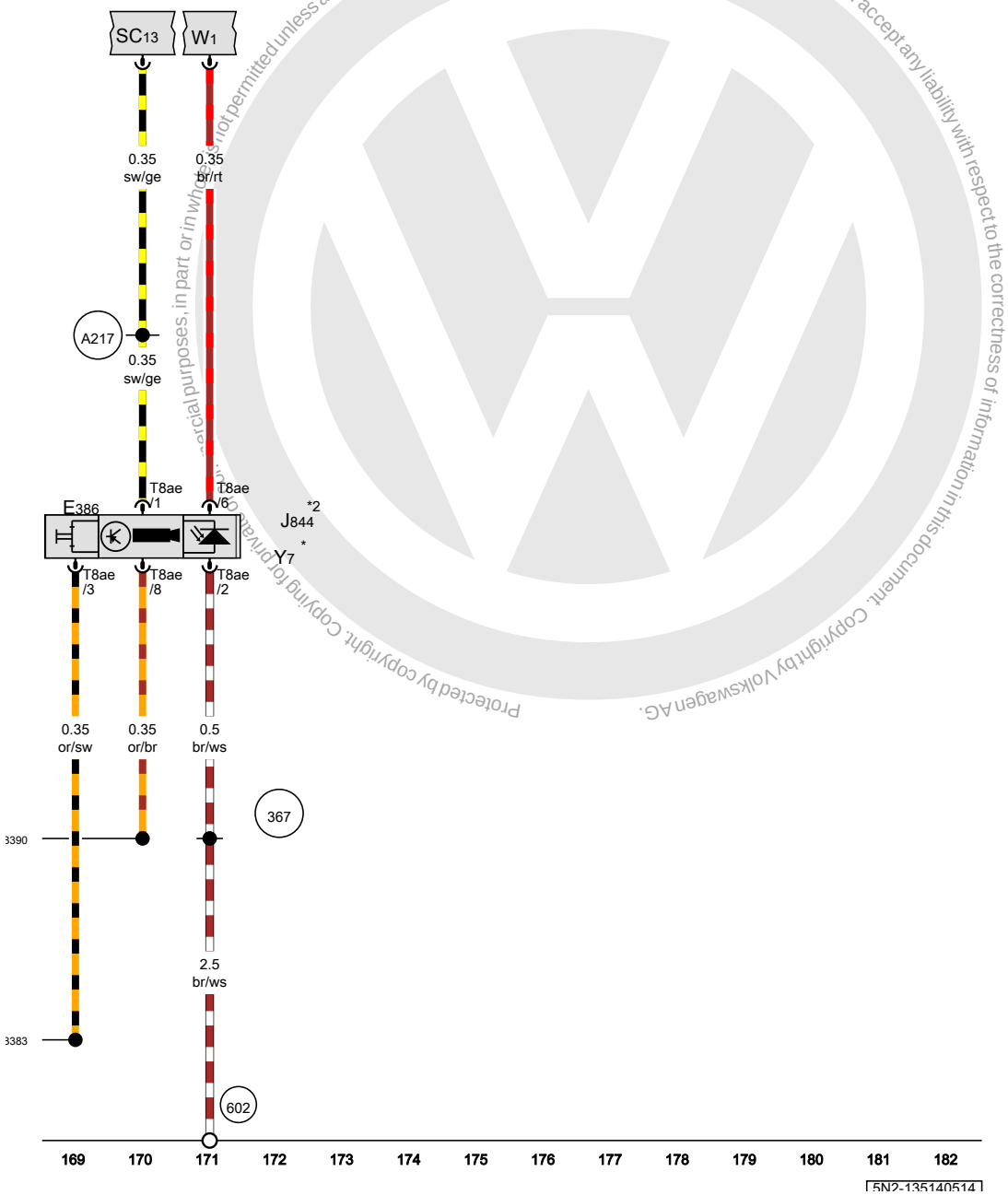
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Rear lid handle release button, Rear lid lock unit, Onboard supply control unit, Central locking and anti-theft alarm system aerial, Tank filler flap locking motor

E234	Rear lid handle release button
F5	Luggage compartment light switch
F256	Rear lid lock unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
R47	Central locking and anti-theft alarm system aerial
T2gr	2-pin connector
T2gs	2-pin connector
T4ab	4-pin connector
T17L	17-pin connector
T20	20-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
V139	Rear lid release motor
V155	Tank filler flap locking motor
61	Earth point, left C-pillar
195	Earth connection, in rear door switch wiring harness
218	Earth connection 1, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

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Main beam assist control unit, Automatic anti-dazzle interior mirror

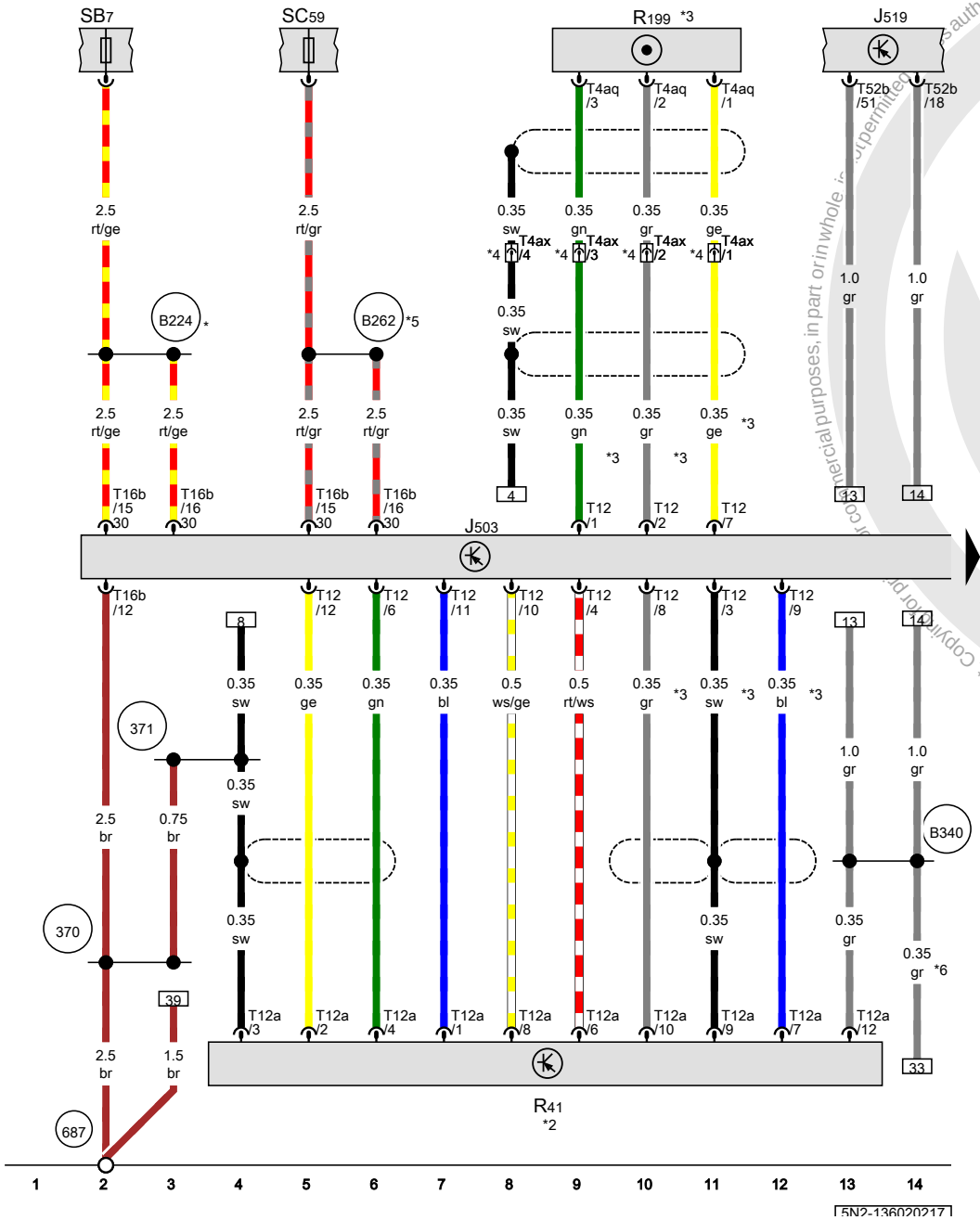
E386	Anti-dazzle interior mirror button
J844	Main beam assist control unit
SC13	Fuse 13 on fuse holder C
T8ae	8-pin connector
W1	Front interior light
Y7	Automatic anti-dazzle interior mirror
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
A217	Positive connection 8 (15a) in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	According to equipment
*2	Only models with main beam assist

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radio systems/navigation systems , (7T2),(7T6),(7T8),(7UB),(7UC),(7UK),(7UL),(8AE),(8AH),(8AI),(8AP),(8AU),(8AX),(8AY),(8DD),(8UA)

From May 2011

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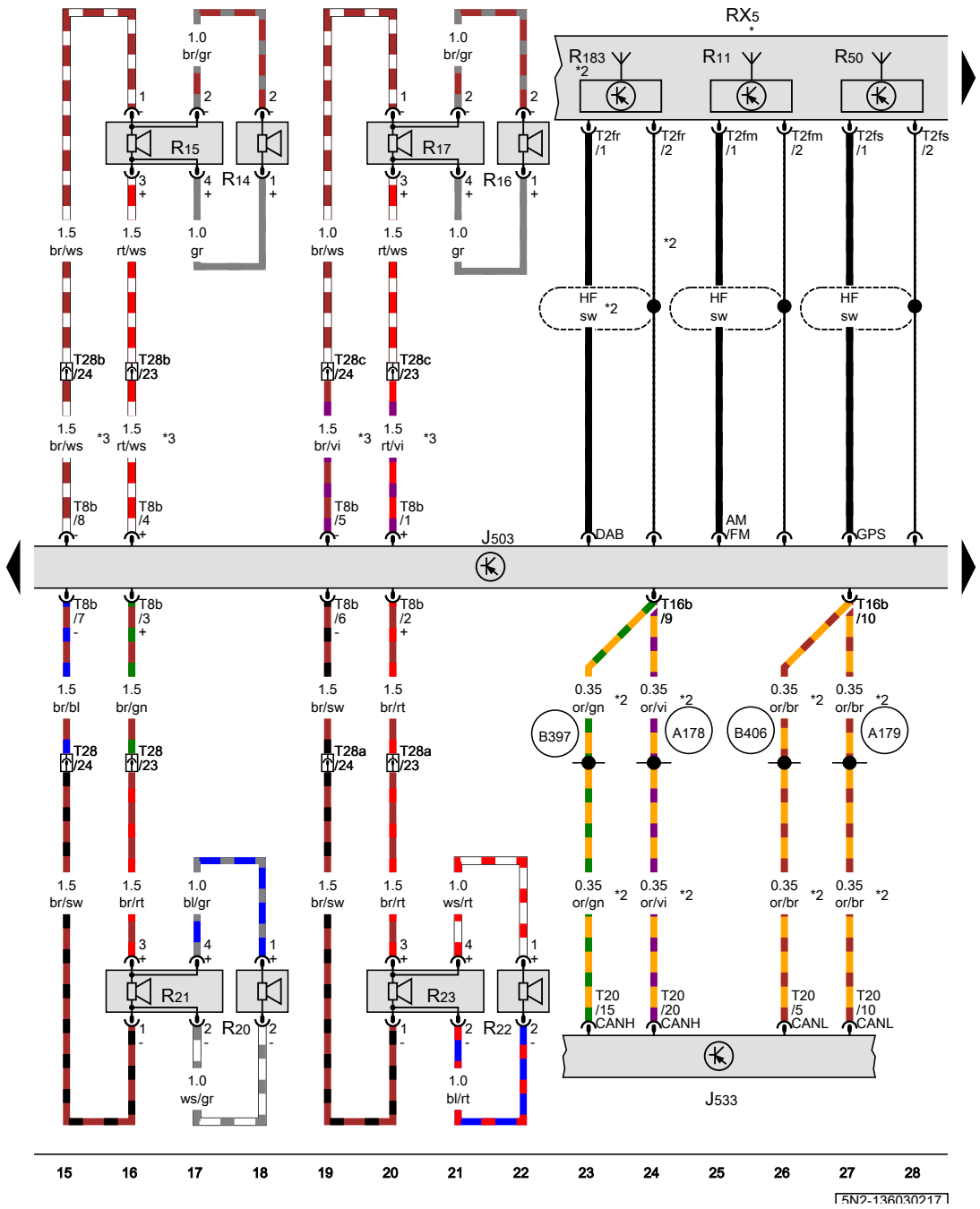


Control unit with display for radio and navigation, CD changer, Connection for external audio sources

J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R41	CD changer
R199	Connection for external audio sources
SB7	Fuse 7 on fuse holder B
SC59	Fuse 59 on fuse holder C
T4aq	4-pin connector
T4ax	4-pin connector
T12	12-pin connector
T12a	12-pin connector
T16b	16-pin connector
T52b	52-pin connector, white
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with no start/stop system
*2	Only models with CD changer/ prepared for CD changer
*3	According to equipment
*4	Only models with centre armrest
*5	Only models with start/stop system
*6	Only models with radio navigation system RNS 315

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
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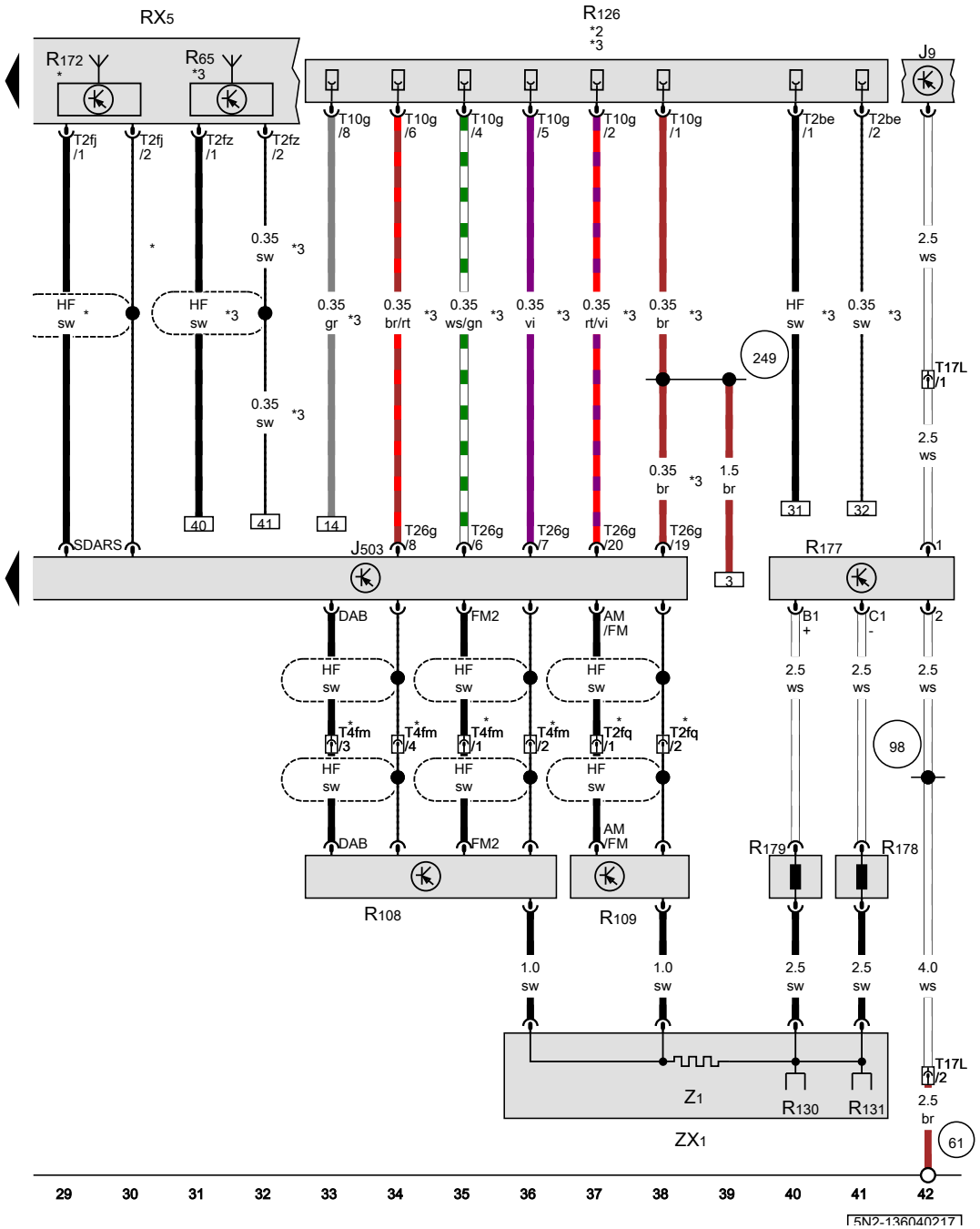


Control unit with display for radio and navigation, Data bus diagnostic interface, Roof aerial, Aerial, Rear left bass loudspeaker, Rear right bass loudspeaker, Front left bass loudspeaker, Front right bass loudspeaker, GPS aerial, Digital radio aerial

J503	Control unit with display for radio and navigation
J533	Data bus diagnostic interface
RX5	Roof aerial
R11	Aerial
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R50	GPS aerial
R183	Digital radio aerial
T2fm	2-pin connector, purple
T2fr	2-pin connector, blue
T2fs	2-pin connector, dark blue
T8b	8-pin connector
T16b	16-pin connector
T20	20-pin connector
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Pre-wired component
*2	According to equipment
*3	Only models with rear loudspeaker

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit with display for radio and navigation, Roof aerial, Telephone aerial, Left aerial module, Right aerial module, Telephone bracket, Satellite tuner aerial, Rear window

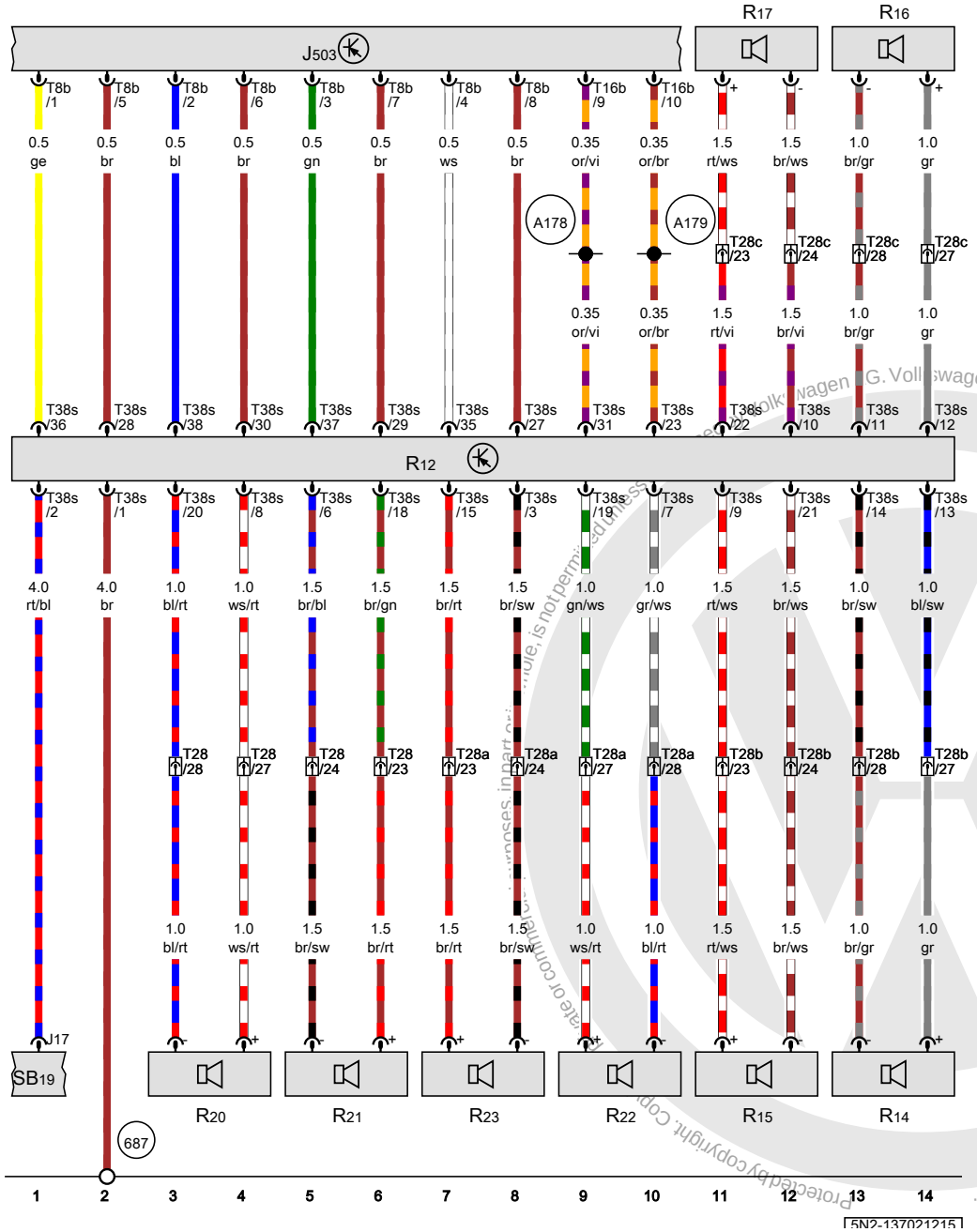
J9	Heated rear window relay
J503	Control unit with display for radio and navigation
RX5	Roof aerial
R65	Telephone aerial
R108	Left aerial module
R109	Right aerial module
R126	Telephone bracket
R130	Rear window aerial 1
R131	Rear window aerial 2
R172	Satellite tuner aerial
R177	Amplitude modulation (AM) frequency filter
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T2be	2-pin connector, purple
T2fj	2-pin connector, green
T2fq	2-pin connector
T2fz	2-pin connector, purple
T4fm	4-pin connector
T10g	10-pin connector, black
T17L	17-pin connector, on rear left roof frame
T26g	26-pin connector, black
ZX1	Rear window
Z1	Heated rear window
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
249	Earth connection 2, in interior wiring harness
*	According to equipment
*2	Pre-wired component
*3	Only models with radio navigation system RNS 315

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Sound system DYNAUDIO , (8RU),(9VE)

From May 2011

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Control unit with display for radio and navigation, Amplifier, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

J503	Control unit with display for radio and navigation
R12	Amplifier, under driver seat
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
SB19	Fuse 19 on fuse holder B
T8b	8-pin connector
T16b	16-pin connector
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector
T38s	38-pin connector
687	Earth point 1, on centre tunnel
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness

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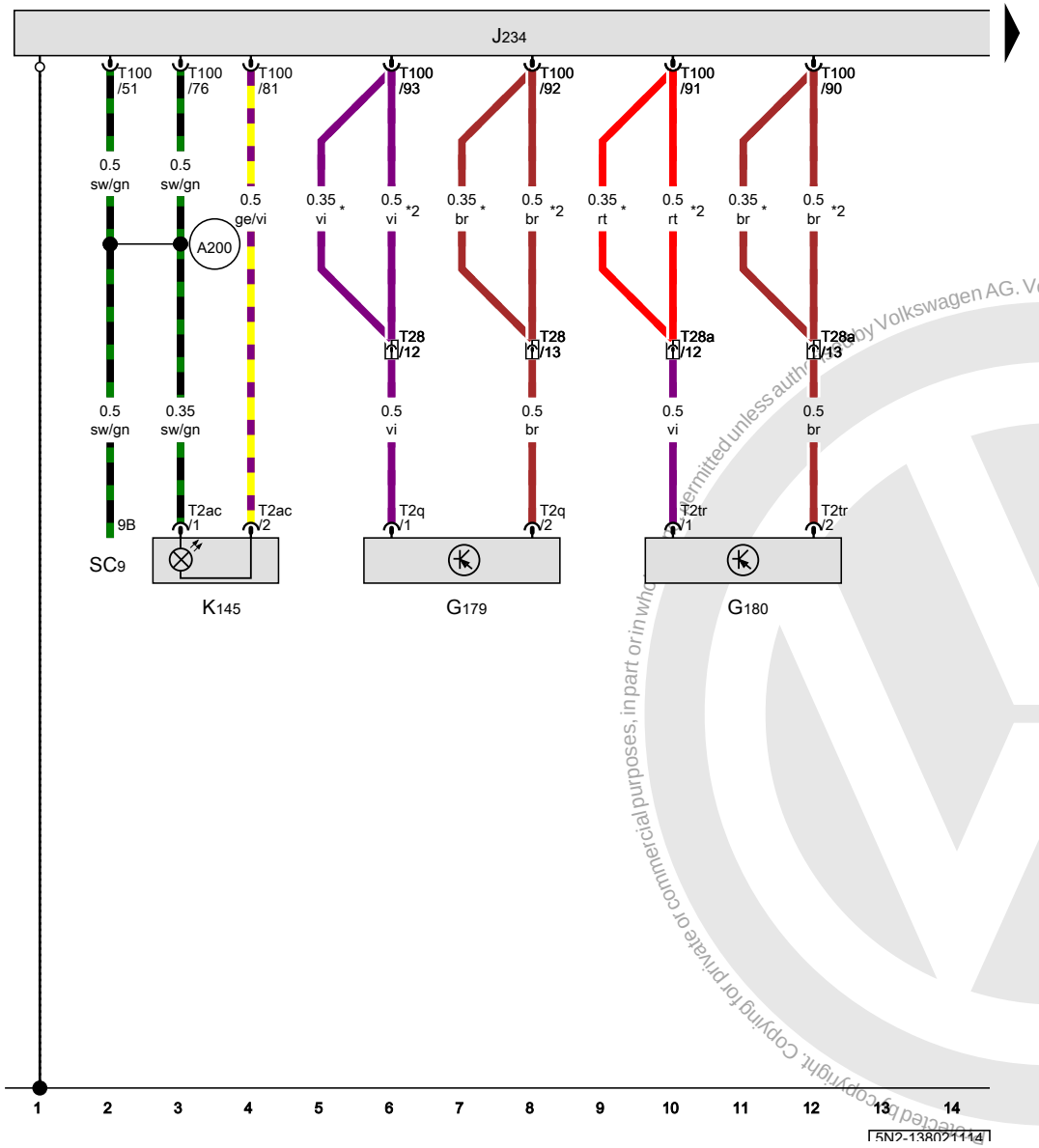
Airbag systems

From May 2011

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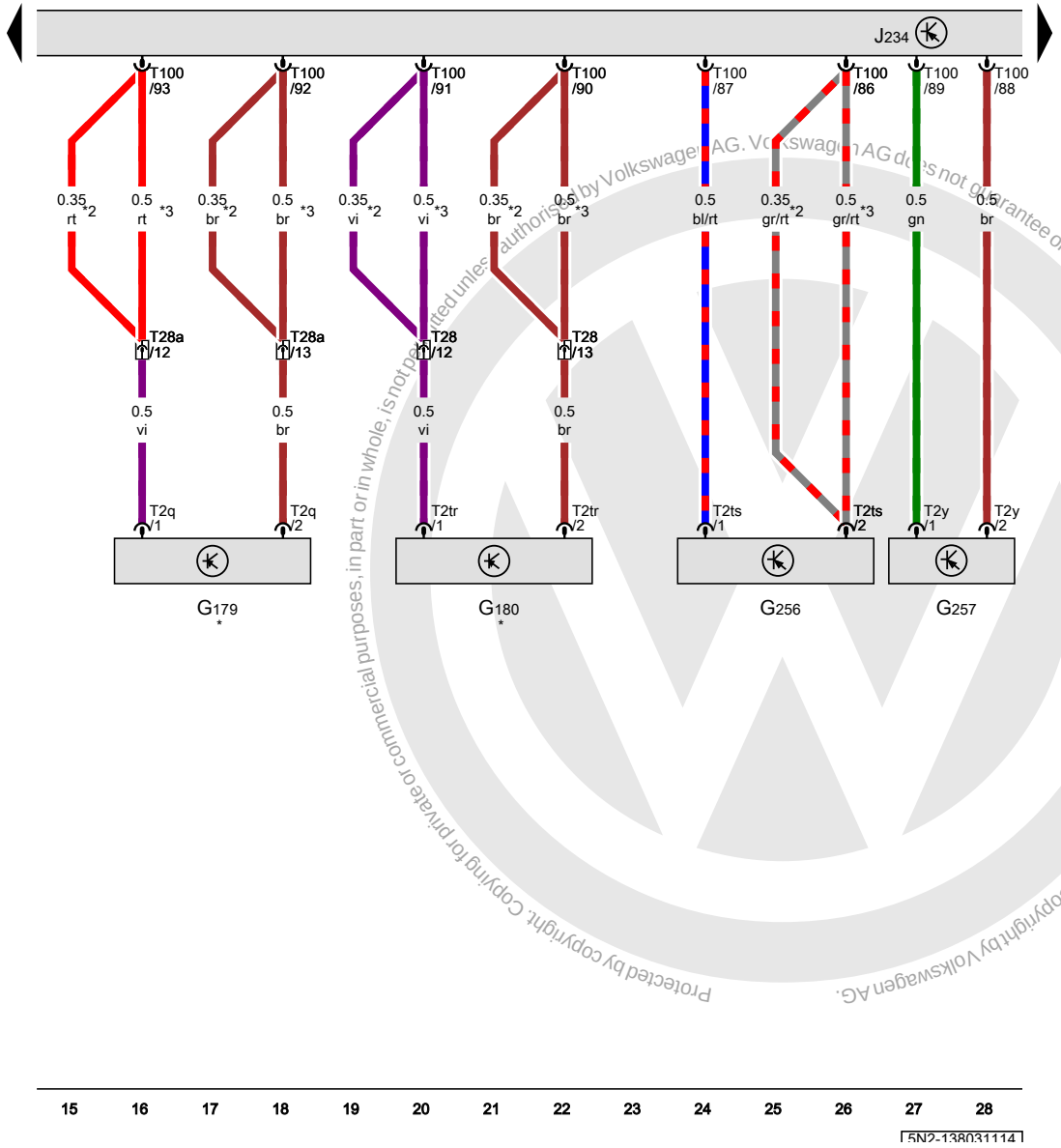
Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Airbag control unit, Front passenger side airbag deactivated warning lamp

G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
J234	Airbag control unit, under centre console
K145	Front passenger side airbag deactivated warning lamp
SC9	Fuse 9 on fuse holder C
T2ac	2-pin connector
T2q	2-pin connector
T2tr	2-pin connector
T28	28-pin connector
T28a	28-pin connector
T100	100-pin connector
A200	Positive connection 5 (15a) in dash panel wiring harness
*	From May 2014
*2	Up to May 2014



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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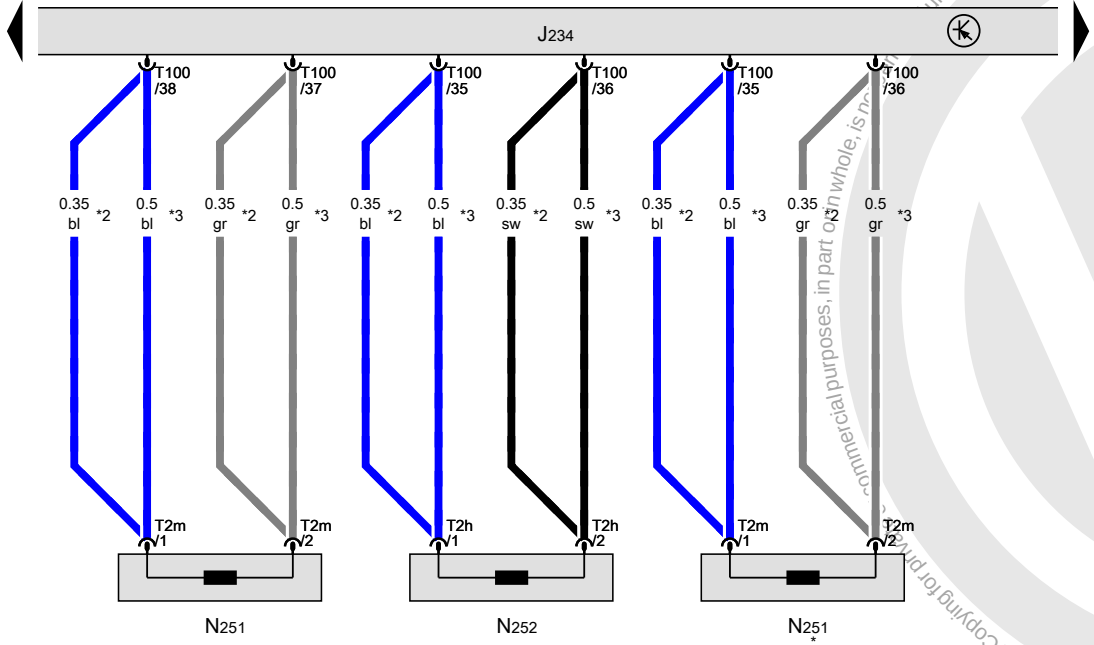
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sw = black
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gn = green
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Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on front passenger side, Airbag control unit

G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on front passenger side
J234	Airbag control unit, under centre console
T2q	2-pin connector
T2tr	2-pin connector
T2ts	2-pin connector
T2y	2-pin connector
T28	28-pin connector
T28a	28-pin connector
T100	100-pin connector
*	Only right-hand drive models
*2	From May 2014
*3	Up to May 2014

Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

J234	Airbag control unit, under centre console
N251	Driver side curtain airbag igniter
N252	Front passenger side curtain airbag igniter
T2h	2-pin connector
T2m	2-pin connector
T100	100-pin connector
*	Only right-hand drive models
*2	From May 2014
*3	Up to May 2014

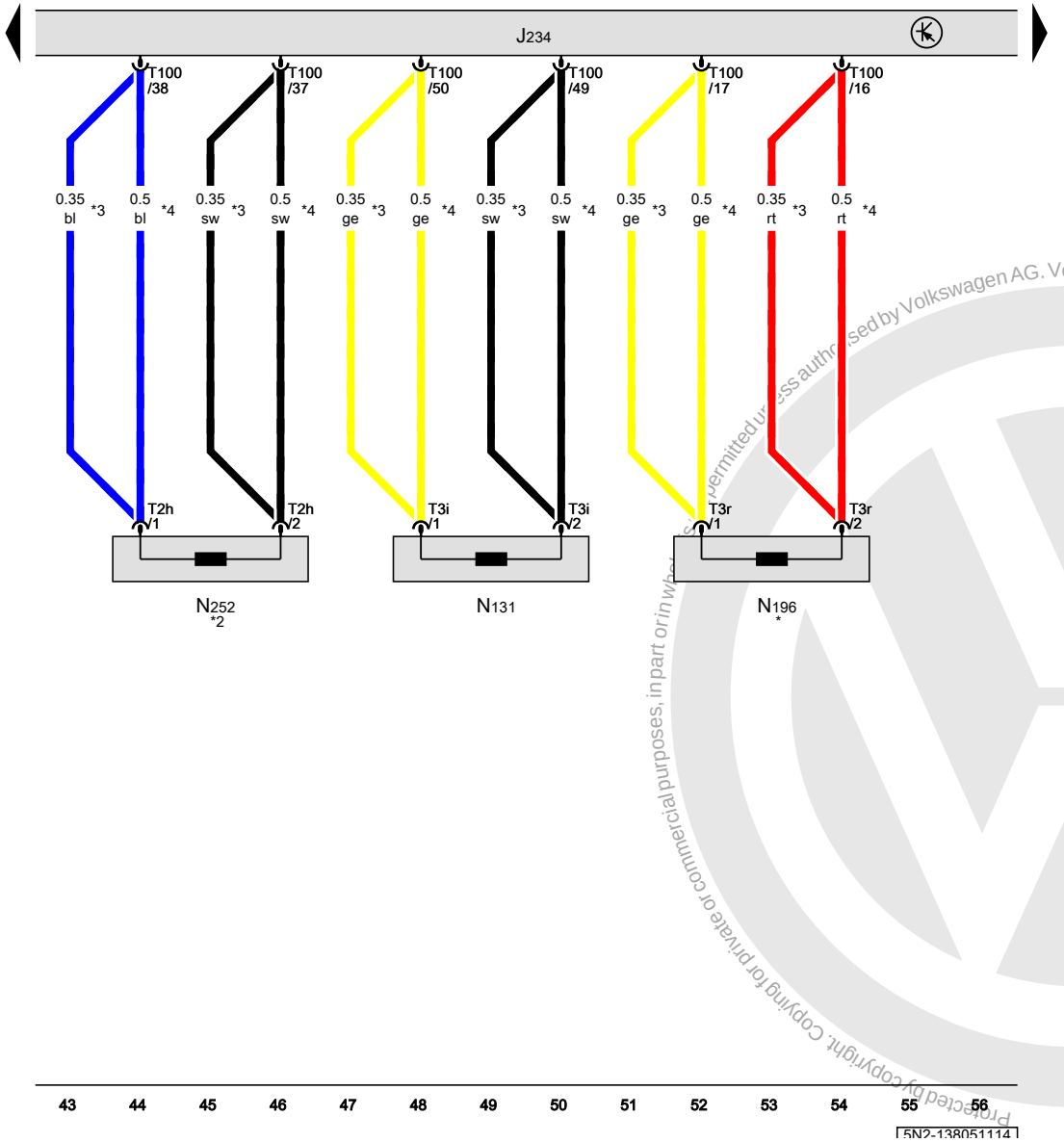


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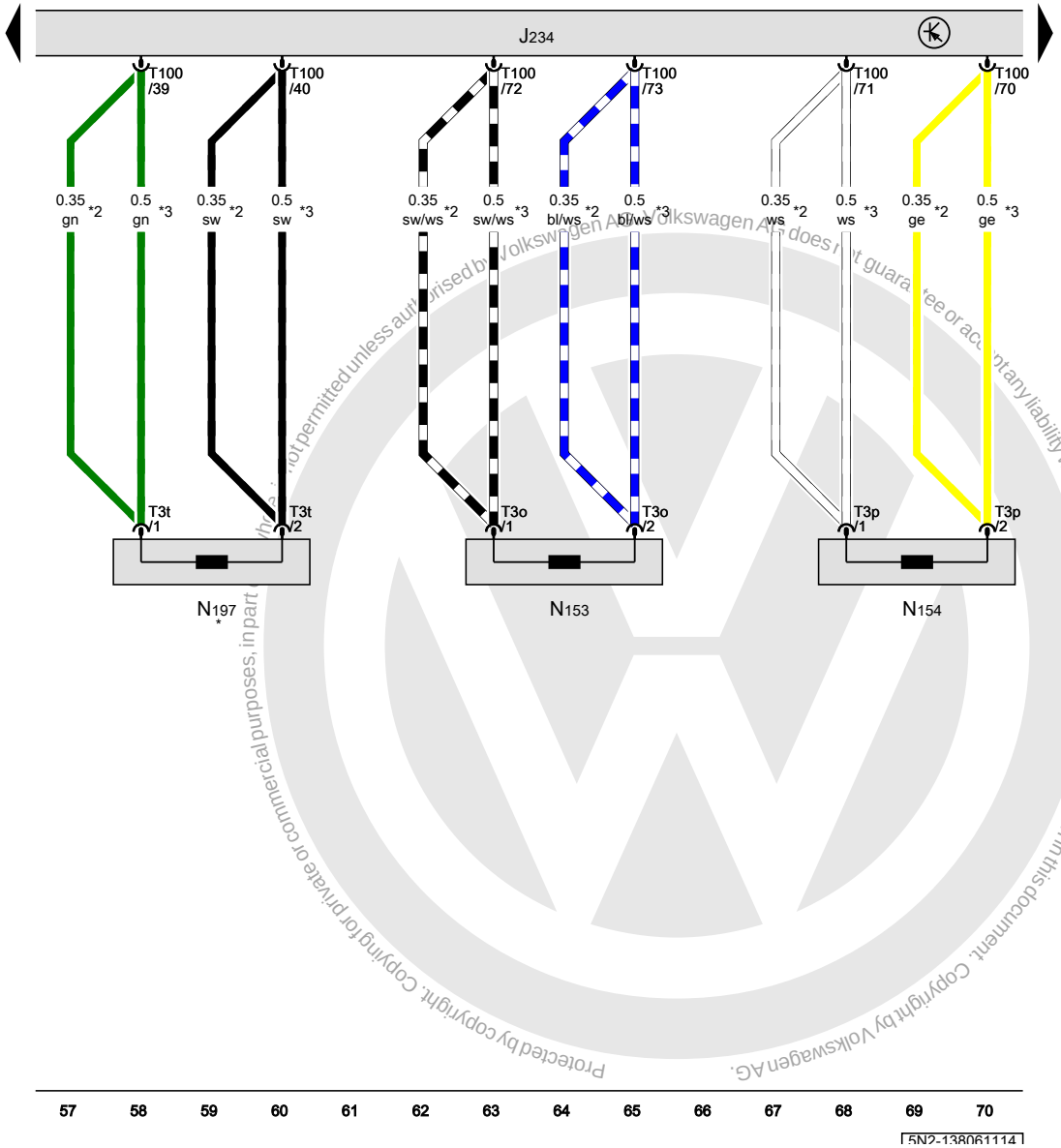
Airbag control unit, Front passenger side airbag igniter 1, Rear belt tensioner igniter on driver side

J234	Airbag control unit, under centre console
N131	Front passenger side airbag igniter 1
N196	Rear belt tensioner igniter on driver side
N252	Front passenger side curtain airbag igniter
T2h	2-pin connector
T3i	3-pin connector
T3r	3-pin connector
T100	100-pin connector
*	According to equipment
*2	Only right-hand drive models
*3	From May 2014
*4	Up to May 2014



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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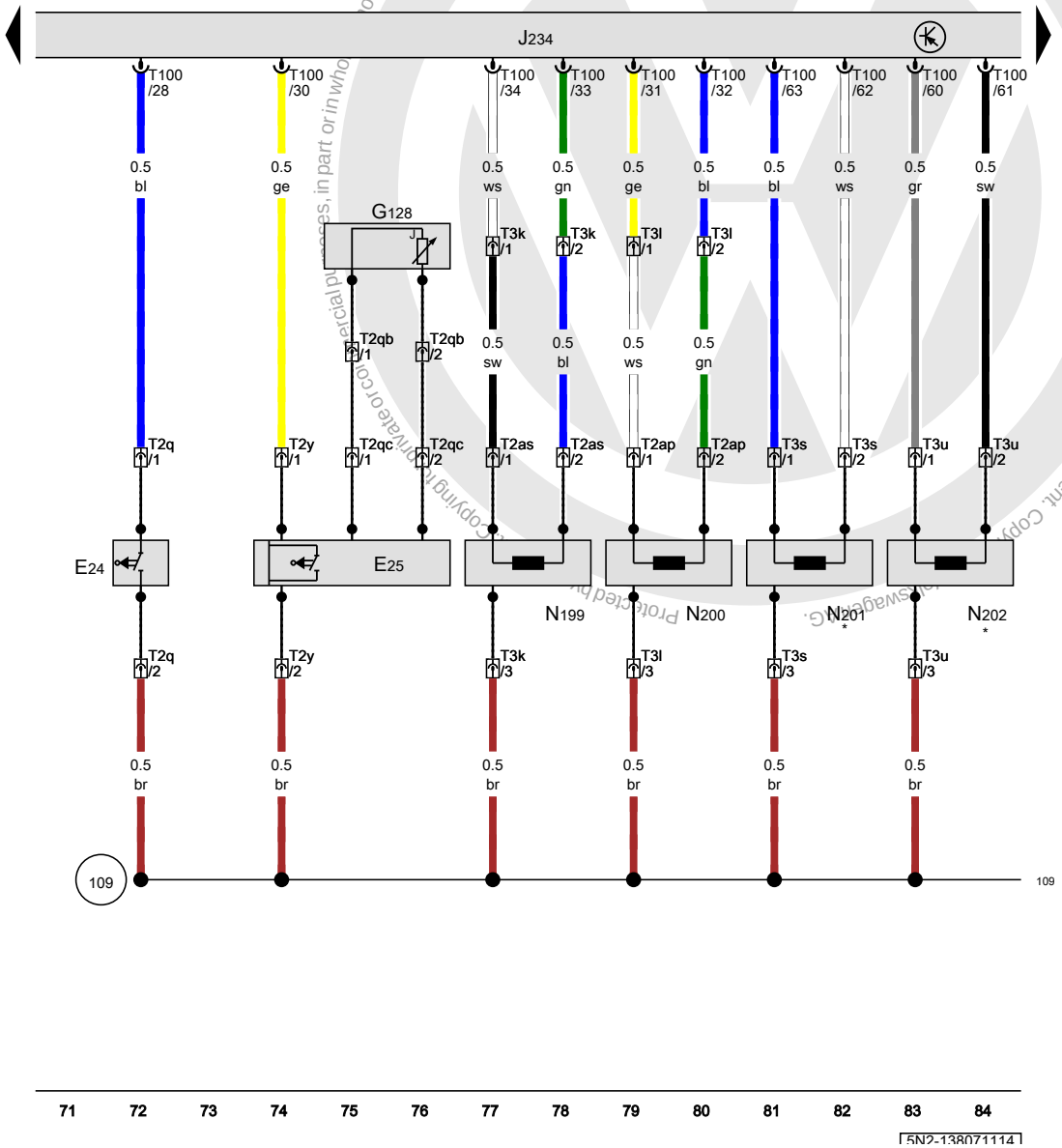
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Airbag control unit, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1, Rear belt tensioner igniter on front passenger side

J234	Airbag control unit, under centre console
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
N197	Rear belt tensioner igniter on front passenger side
T3o	3-pin connector
T3p	3-pin connector
T3t	3-pin connector
T100	100-pin connector
*	According to equipment
*2	From May 2014
*3	Up to May 2014

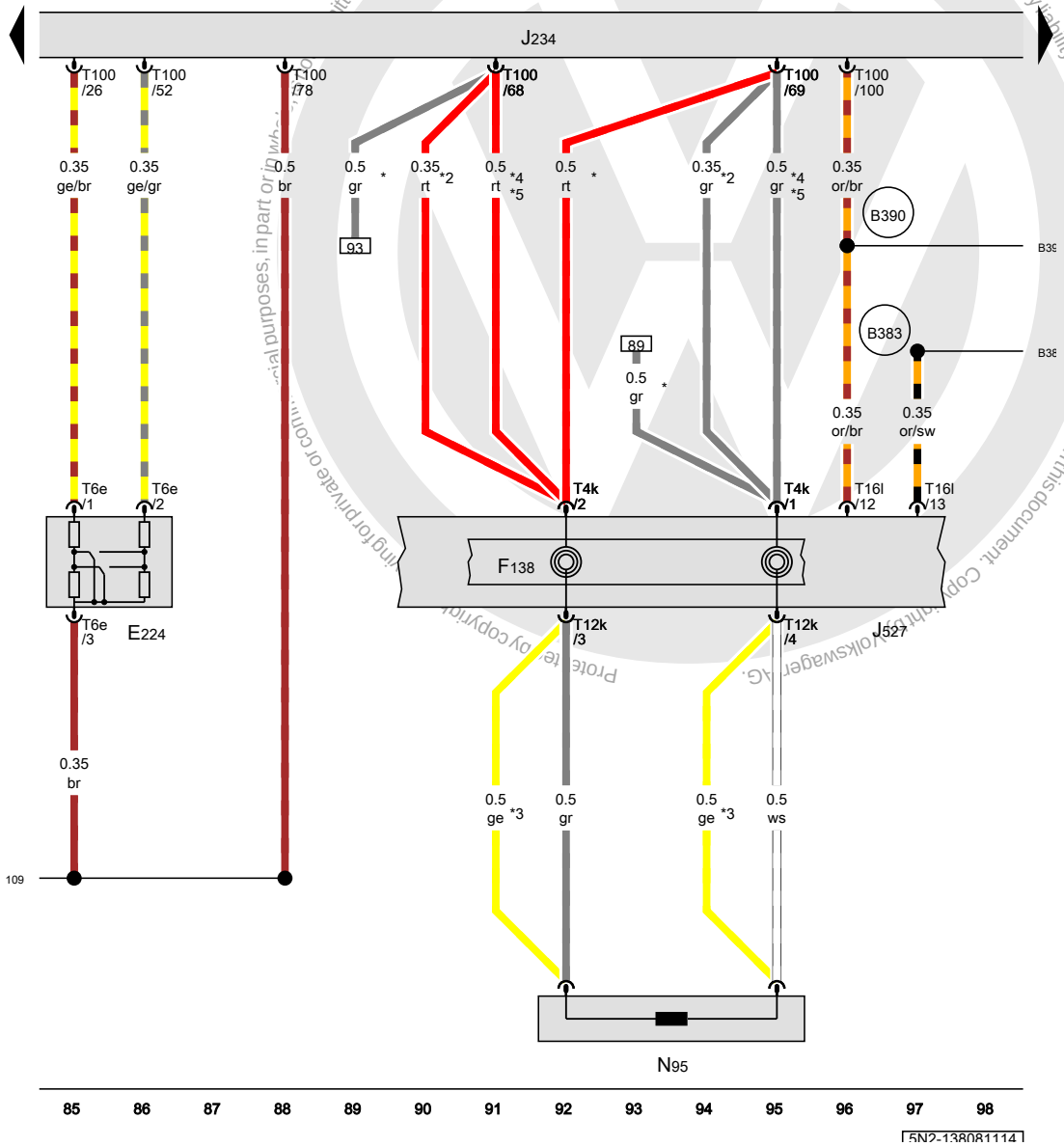
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Driver side belt switch, Front passenger side belt switch, Seat occupied sensor, front passenger side, Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side, Rear side airbag igniter on driver side, Rear side airbag igniter on front passenger side

E24	Driver side belt switch
E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
J234	Airbag control unit, under centre console
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
N201	Rear side airbag igniter on driver side
N202	Rear side airbag igniter on front passenger side
T2ap	2-pin connector
T2as	2-pin connector
T2q	2-pin connector
T2qb	2-pin connector
T2qc	2-pin connector
T2y	2-pin connector
T3k	3-pin connector
T3l	3-pin connector
T3s	3-pin connector
T3u	3-pin connector
T100	100-pin connector
109	Earth connection, in airbag wiring harness
*	According to equipment



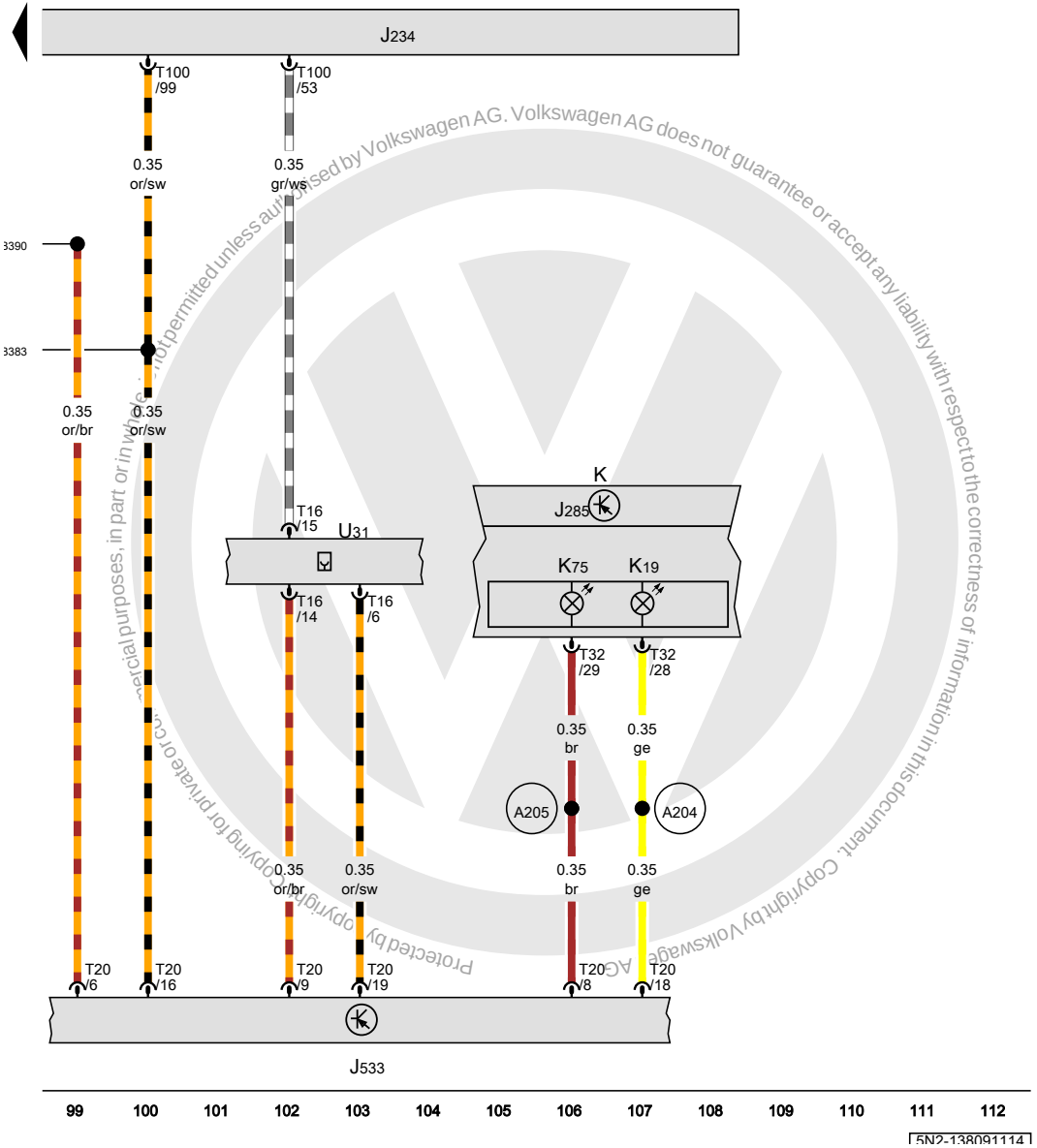
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Key operated switch to deactivate front passenger side airbag, Airbag control unit, Steering column electronics control unit, Driver side airbag igniter

E224	Key operated switch to deactivate front passenger side airbag, in glove compartment
F138	Airbag coil connector and return ring with slip ring
J234	Airbag control unit, under centre console
J527	Steering column electronics control unit
N95	Driver side airbag igniter
T4k	4-pin connector
T6e	6-pin connector
T12k	12-pin connector
T16l	16-pin connector
T100	100-pin connector
109	Earth connection, in airbag wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Up to November 2012
*2	From May 2014
*3	According to equipment
*4	From November 2012
*5	Up to May 2014

Airbag control unit, Control unit in dash panel insert, Data bus diagnostic interface, Diagnostic connection

J234	Airbag control unit, under centre console
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K	Dash panel insert
K19	Seat belt warning system warning lamp
K75	Airbag warning lamp
T16	16-pin connector
T20	20-pin connector
T32	32-pin connector
T100	100-pin connector
U31	Diagnostic connection
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness



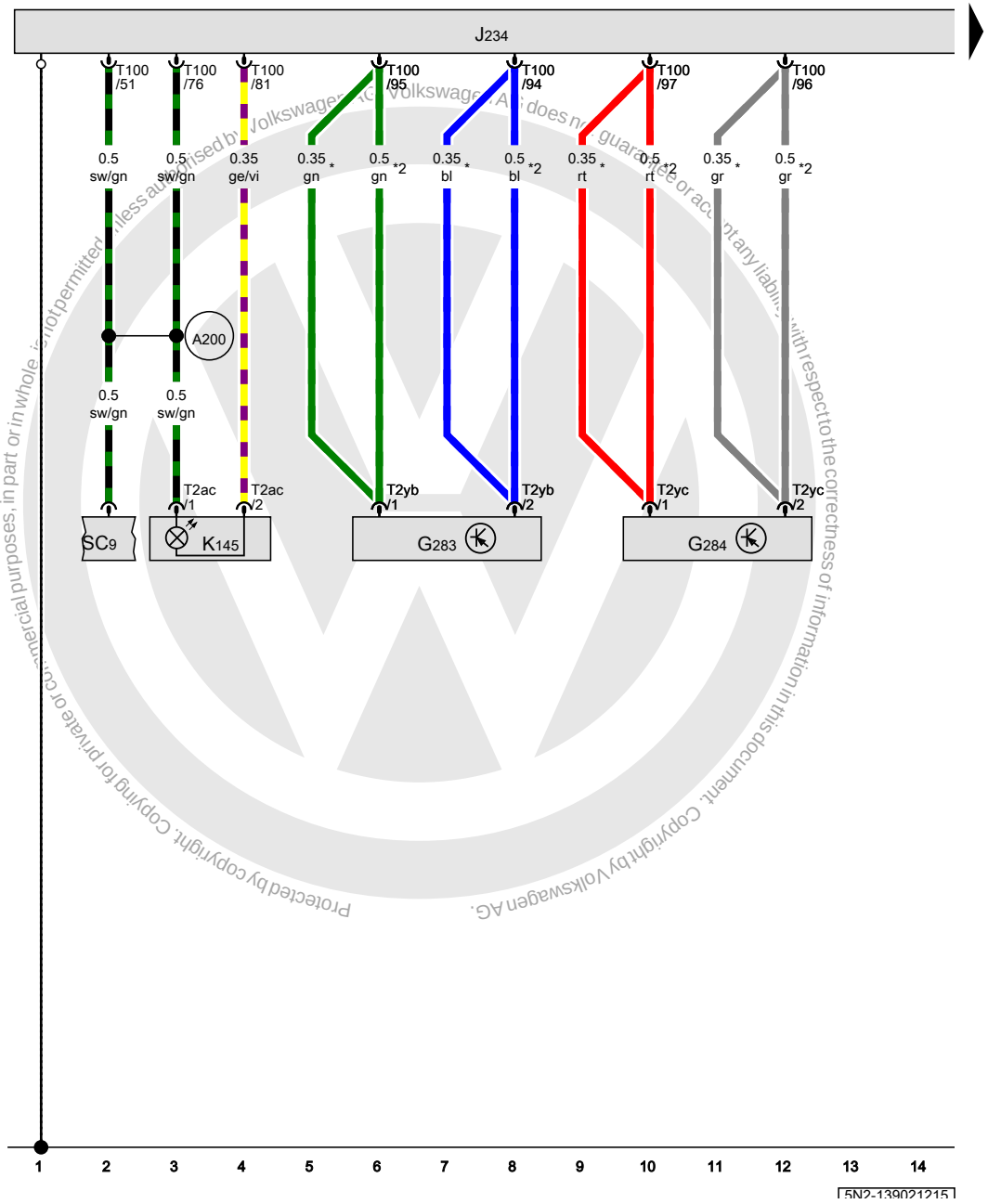
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gn	=	green
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li	=	purple
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Airbag systems (US equipment) , (4UM)

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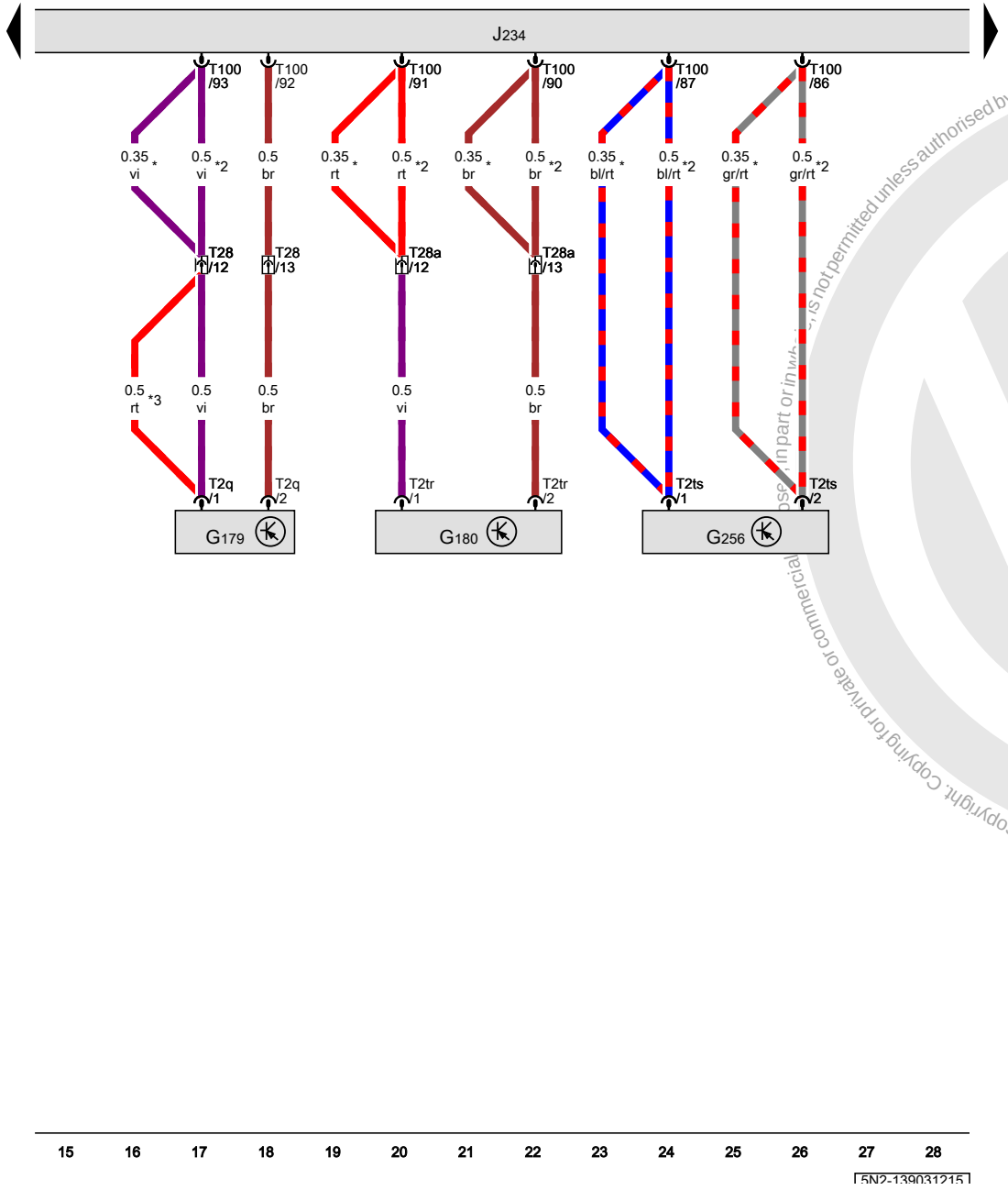


Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side, Airbag control unit, Front passenger side airbag deactivated warning lamp

G283	Front airbag crash sensor for driver side
G284	Front airbag crash sensor for front passenger side
J234	Airbag control unit, under centre console
K145	Front passenger side airbag deactivated warning lamp
SC9	Fuse 9 on fuse holder C
T2ac	2-pin connector
T2yb	2-pin connector
T2yc	2-pin connector
T100	100-pin connector
A200	Positive connection 5 (15a) in dash panel wiring harness
*	From May 2014
*2	Up to May 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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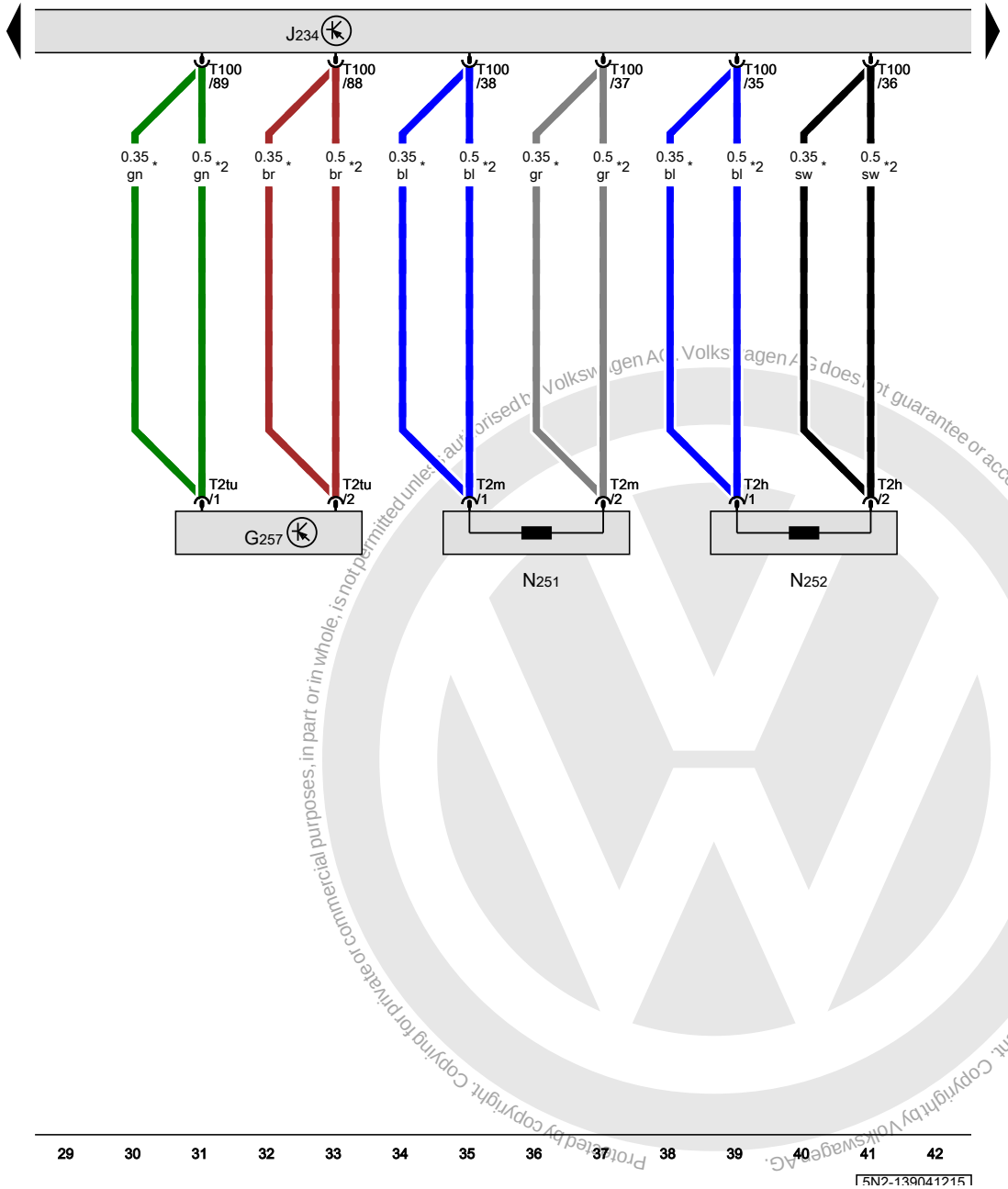


Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Airbag control unit

G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
G256	Rear side airbag crash sensor on driver side
J234	Airbag control unit, under centre console
T2q	2-pin connector
T2tr	2-pin connector
T2ts	2-pin connector
T28	28-pin connector
T28a	28-pin connector
T100	100-pin connector
*	From May 2014
*2	Up to May 2014
*3	According to equipment

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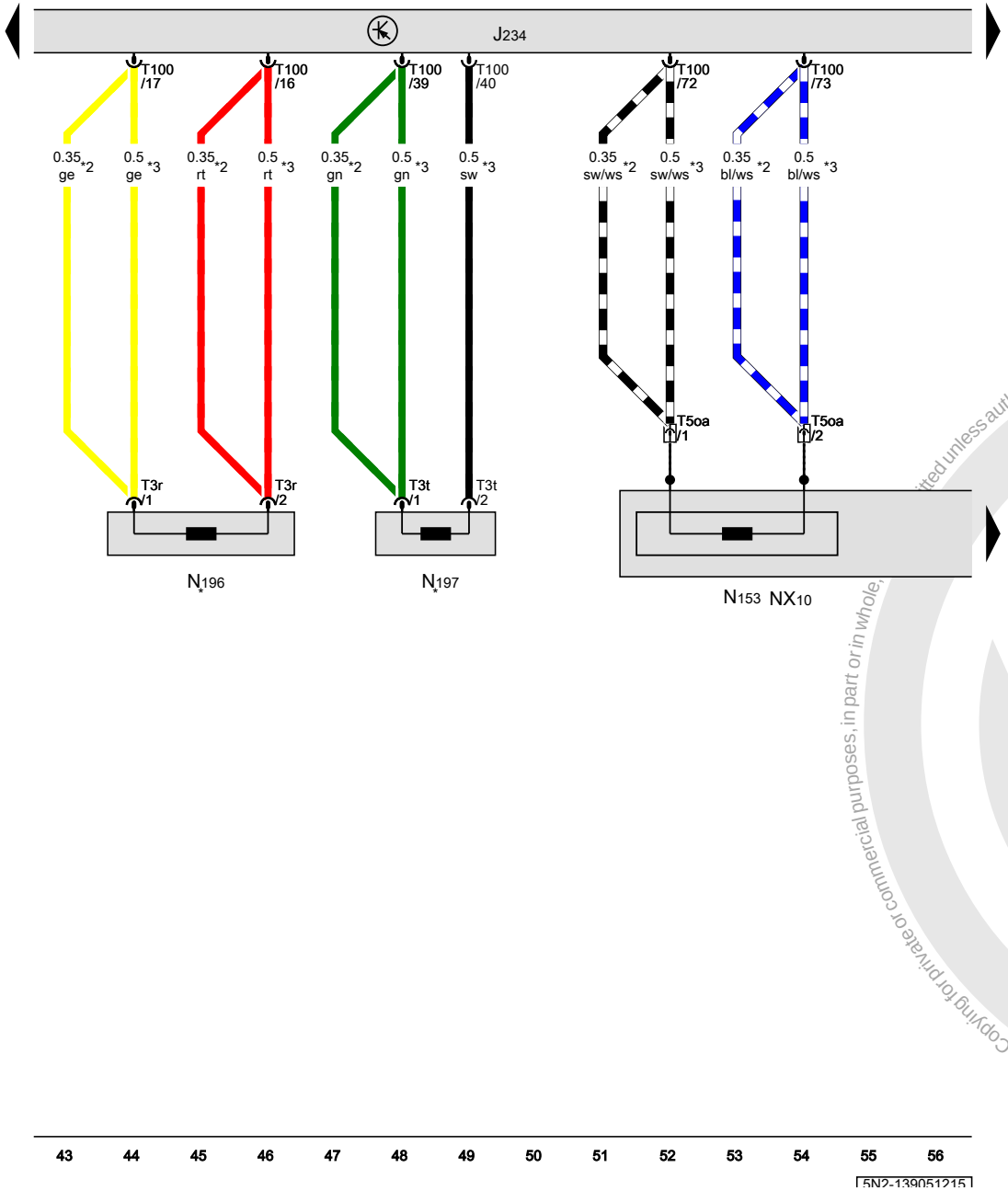


Rear side airbag crash sensor on front passenger side, Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

G257	Rear side airbag crash sensor on front passenger side
J234	Airbag control unit, under centre console
N251	Driver side curtain airbag igniter
N252	Front passenger side curtain airbag igniter
T2h	2-pin connector
T2m	2-pin connector
T2tu	2-pin connector
T100	100-pin connector
*	From May 2014
*2	Up to May 2014

ws	=	white
sw	=	black
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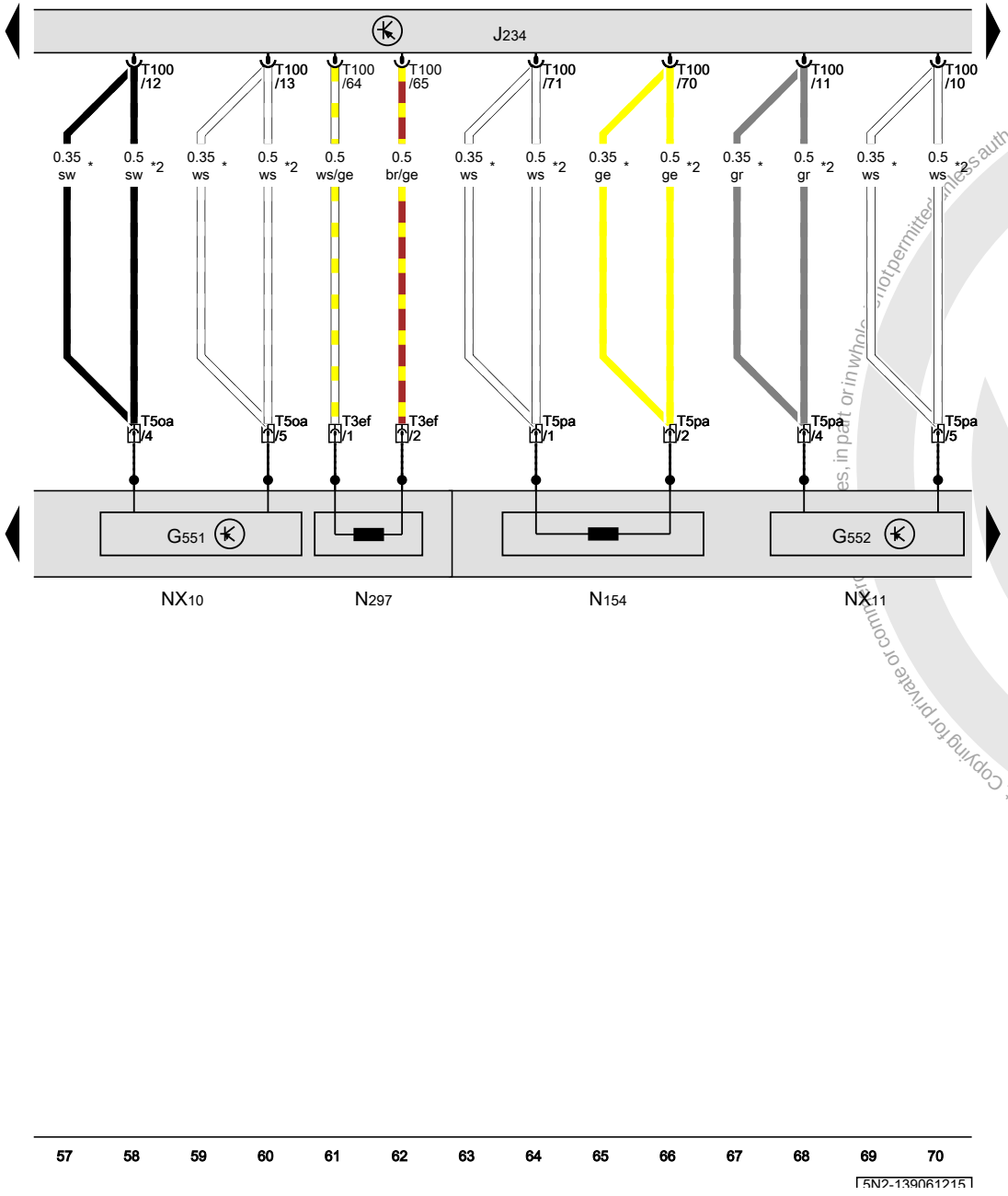
Airbag control unit, Front left seat belt, Driver seat belt tensioner igniter 1, Rear belt tensioner igniter on driver side, Rear belt tensioner igniter on front passenger side

J234	Airbag control unit, under centre console
NX10	Front left seat belt
N153	Driver seat belt tensioner igniter 1
N196	Rear belt tensioner igniter on driver side
N197	Rear belt tensioner igniter on front passenger side
T3r	3-pin connector
T3t	3-pin connector
T5oa	5-pin connector
T100	100-pin connector
*	According to equipment
*2	From May 2014
*3	Up to May 2014

ws	=	white
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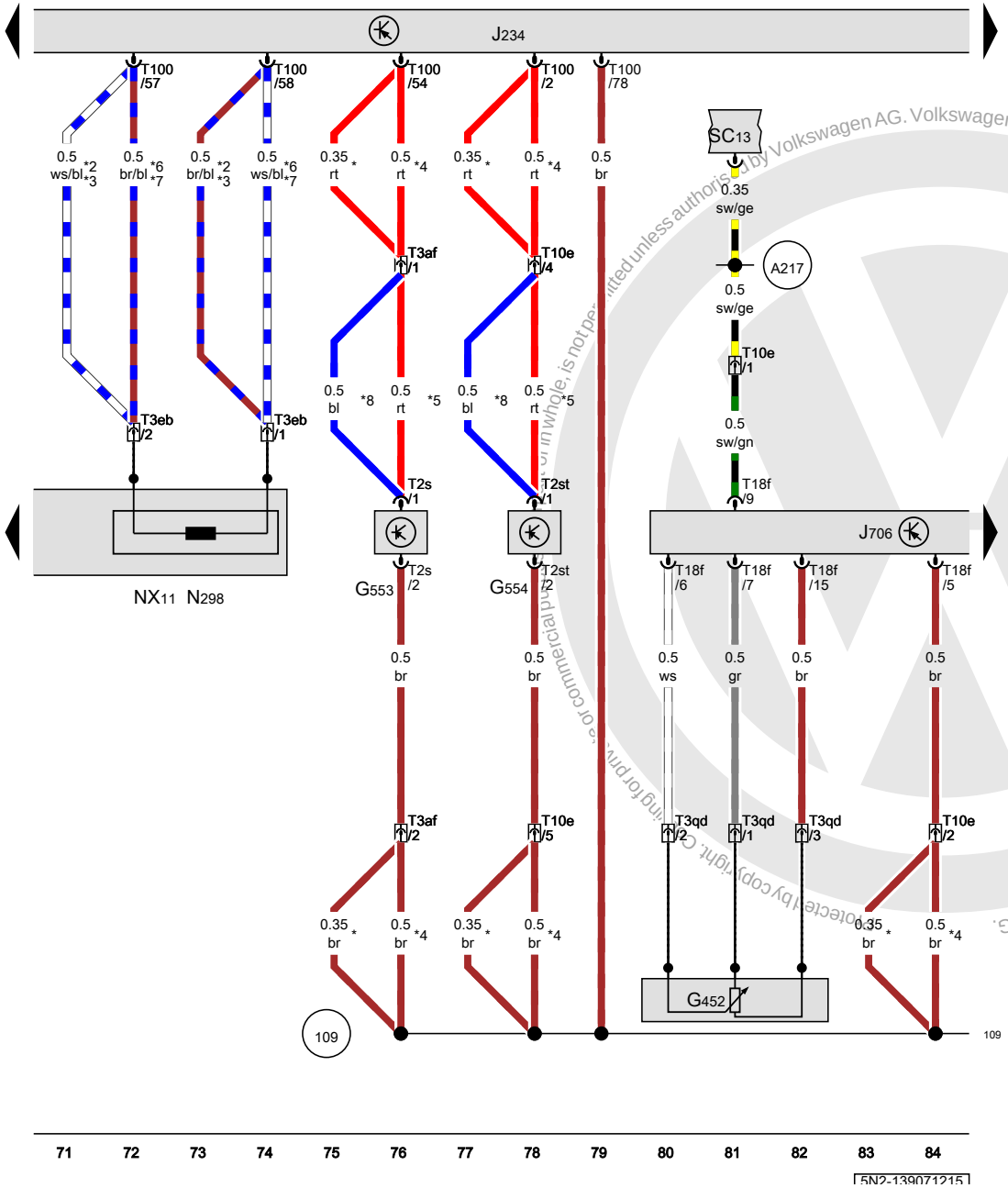
Driver side belt force limiter, Front passenger side belt force limiter, Airbag control unit, Front left seat belt, Front right seat belt, Front passenger seat belt tensioner igniter 1, Igniter for driver side seat belt tensioner 2



G551	Driver side belt force limiter
G552	Front passenger side belt force limiter
J234	Airbag control unit, under centre console
NX10	Front left seat belt
NX11	Front right seat belt
N154	Front passenger seat belt tensioner igniter 1
N297	Igniter for driver side seat belt tensioner 2
T3ef	3-pin connector
T5oa	5-pin connector
T5pa	5-pin connector
T100	100-pin connector
*	From May 2014
*2	Up to May 2014

ws	=	white
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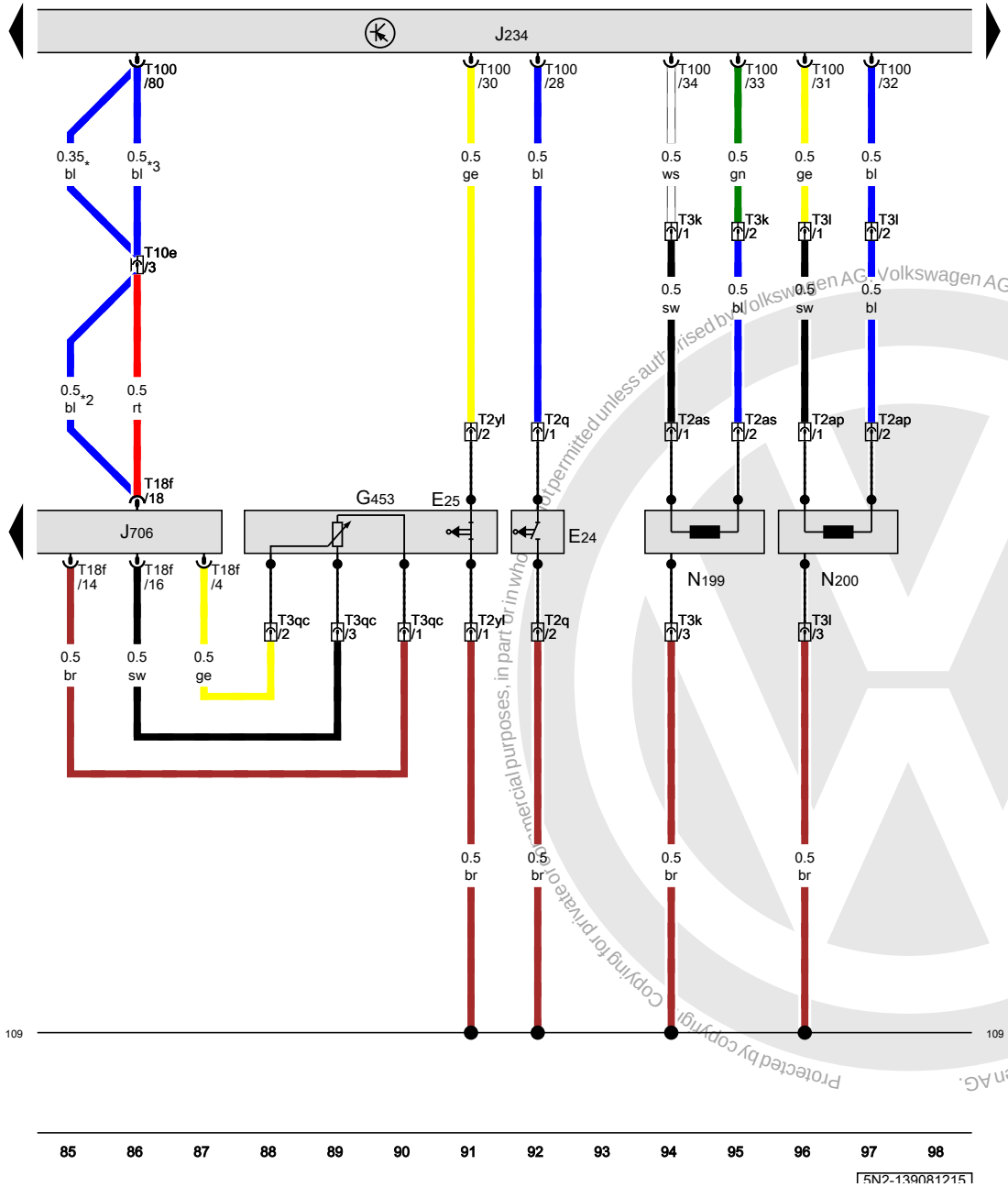


Pressure sensor for seat occupied recognition, Driver side seat position sensor, Front passenger side seat position sensor, Airbag control unit, Seat occupied recognition control unit, Front right seat belt, Igniter for front passenger side seat belt tensioner 2

G452	Pressure sensor for seat occupied recognition
G553	Driver side seat position sensor
G554	Front passenger side seat position sensor
J234	Airbag control unit, under centre console
J706	Seat occupied recognition control unit
NX11	Front right seat belt
N298	Igniter for front passenger side seat belt tensioner 2
SC13	Fuse 13 on fuse holder C
T2s	2-pin connector
T2st	2-pin connector
T3af	3-pin connector
T3eb	3-pin connector
T3qd	3-pin connector
T10e	10-pin connector
T18f	18-pin connector
T100	100-pin connector
109	Earth connection, in airbag wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
*	From May 2014
*2	From May 2013
*3	Up to November 2013
*4	Up to May 2014
*5	Up to May 2012
*6	Up to May 2013
*7	From November 2013
*8	From May 2012

ws	=	white
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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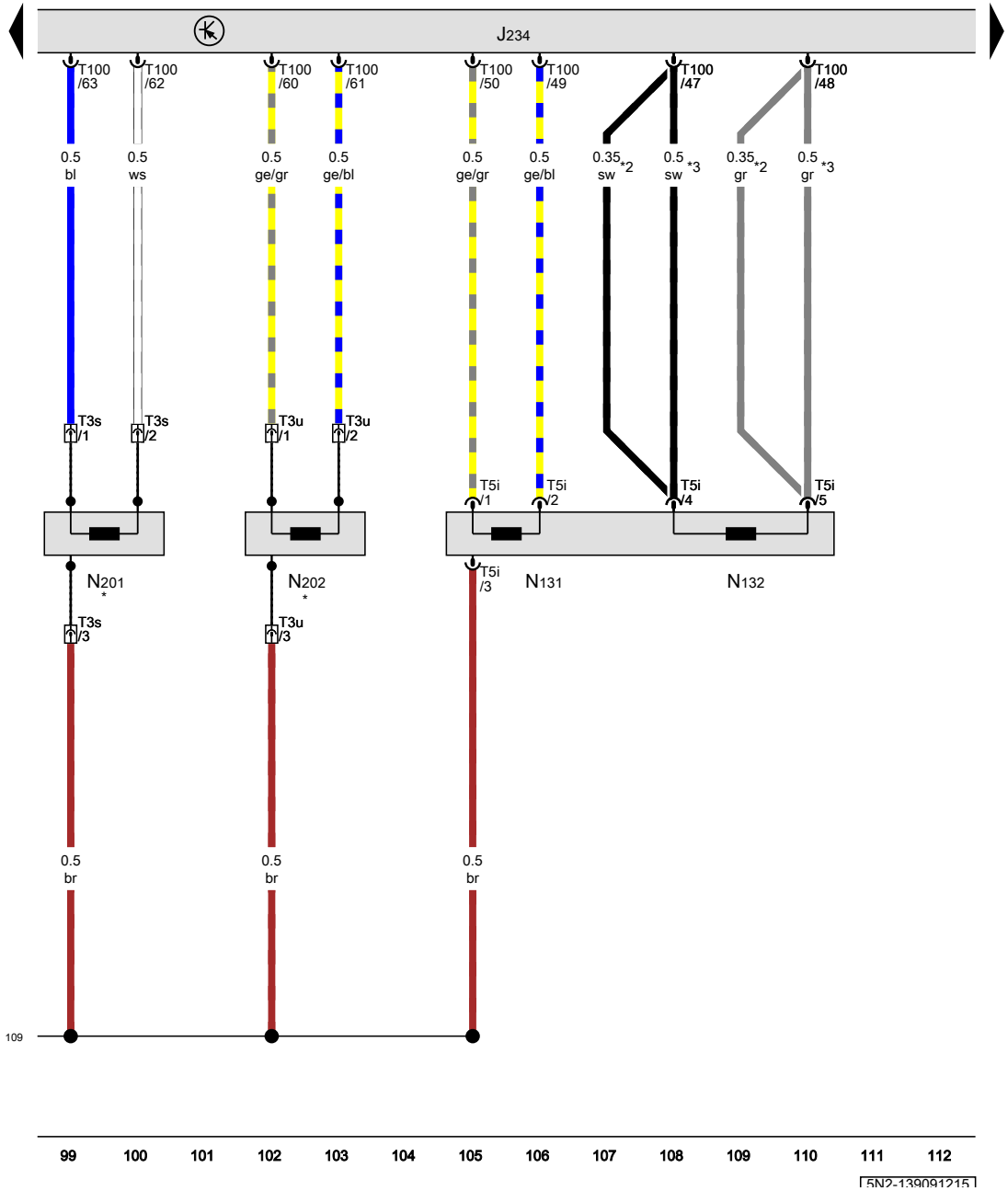


Driver side belt switch, Front passenger side belt switch, Airbag control unit, Seat occupied recognition control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side

E24	Driver side belt switch
E25	Front passenger side belt switch
G453	Seat belt force sensor for seat occupied recognition
J234	Airbag control unit, under centre console
J706	Seat occupied recognition control unit
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
T2ap	2-pin connector
T2as	2-pin connector
T2q	2-pin connector
T2yl	2-pin connector
T3k	3-pin connector
T3l	3-pin connector
T3qc	3-pin connector
T10e	10-pin connector
T18f	18-pin connector
T100	100-pin connector
109	Earth connection, in airbag wiring harness
*	From May 2014
*2	According to equipment
*3	Up to May 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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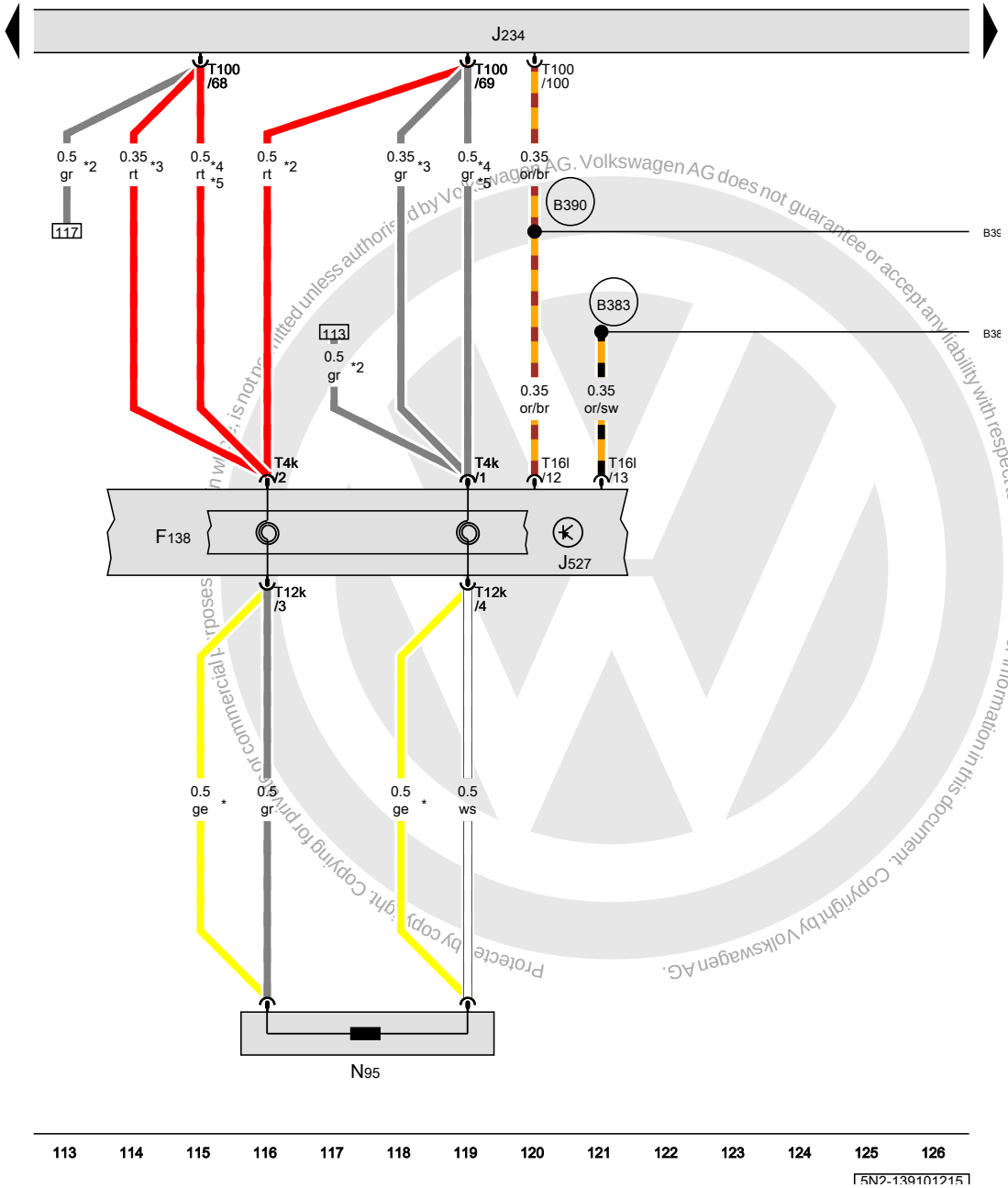


Airbag control unit, Front passenger side airbag igniter 1, Front passenger side airbag igniter 2, Rear side airbag igniter on driver side, Rear side airbag igniter on front passenger side

J234	Airbag control unit, under centre console
N131	Front passenger side airbag igniter 1
N132	Front passenger side airbag igniter 2
N201	Rear side airbag igniter on driver side
N202	Rear side airbag igniter on front passenger side
T3s	3-pin connector
T3u	3-pin connector
T5i	5-pin connector
T100	100-pin connector
(109)	Earth connection, in airbag wiring harness
*	According to equipment
*2	From May 2014
*3	Up to May 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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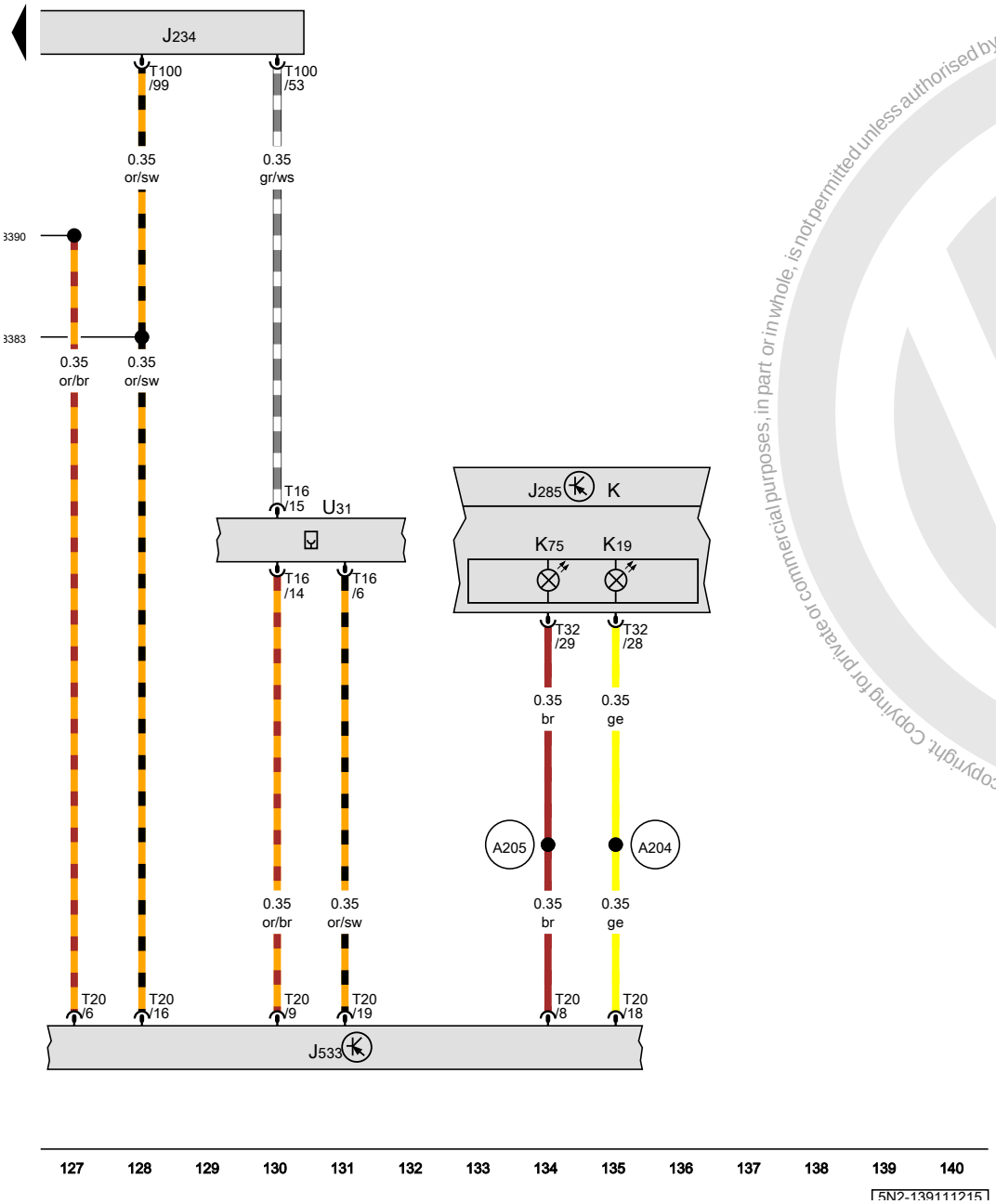
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Airbag control unit, Steering column electronics control unit, Driver side airbag igniter

F138	Airbag coil connector and return ring with slip ring
J234	Airbag control unit, under centre console
J527	Steering column electronics control unit
N95	Driver side airbag igniter
T4k	4-pin connector
T12k	12-pin connector
T16l	16-pin connector
T100	100-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	According to equipment
*2	Up to November 2012
*3	From May 2014
*4	From November 2012
*5	Up to May 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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rs	=	pink

Airbag control unit, Control unit in dash panel insert, Data bus diagnostic interface, Diagnostic connection



J234	Airbag control unit, under centre console
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K	Dash panel insert
K19	Seat belt warning system warning lamp
K75	Airbag warning lamp
T16	16-pin connector
T20	20-pin connector
T32	32-pin connector
T100	100-pin connector
U31	Diagnostic connection
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

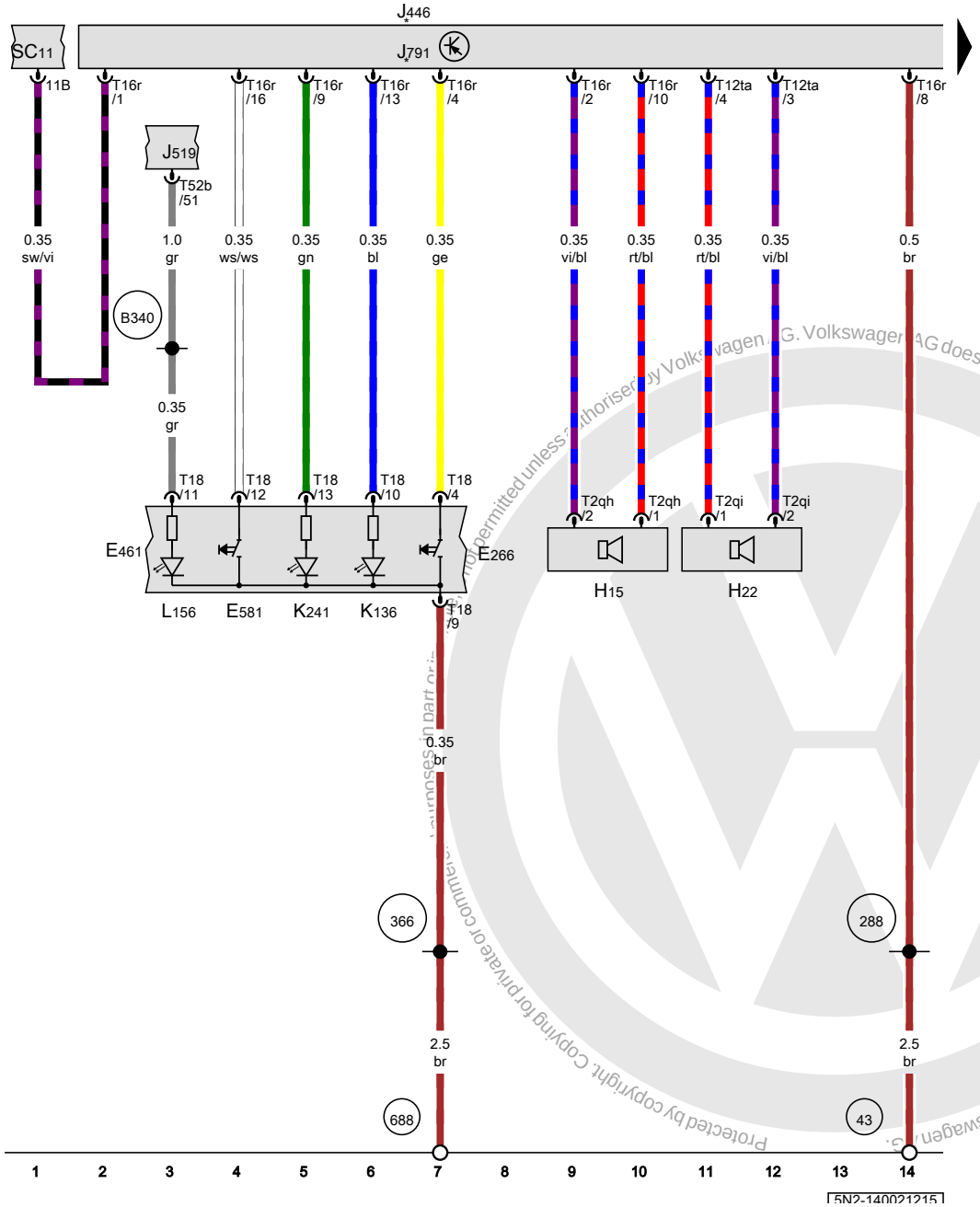
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Parking aid (PDC) with park assist steering (Park Assist) , (7X1),(7X5),(7X6)

From May 2011

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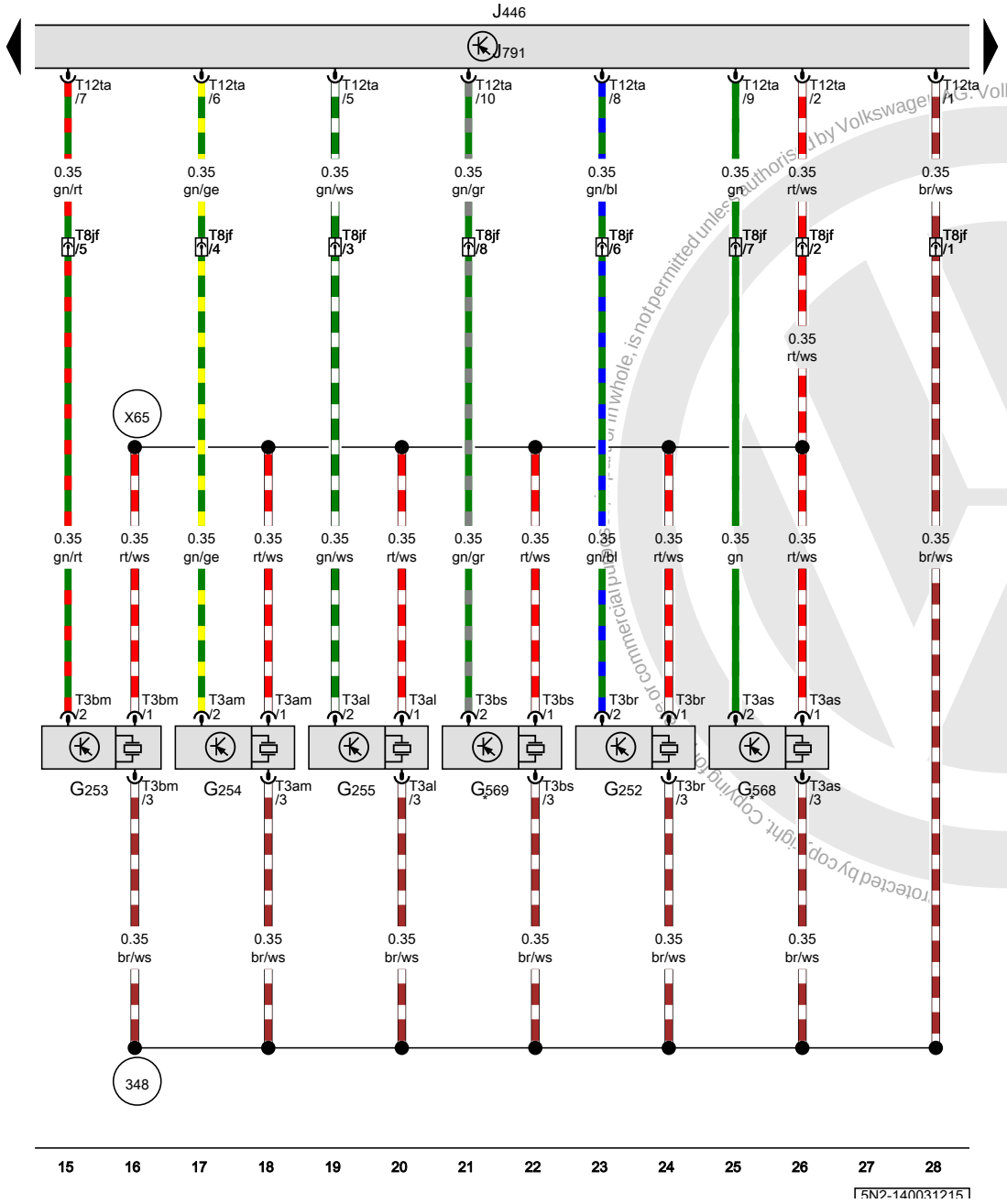


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rt = red
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Operating unit in front of centre console, Rear parking aid warning buzzer, Front parking aid warning buzzer, Parking aid control unit, Park assist steering control unit

E266	Parking aid button
E461	Operating unit in front of centre console
E581	Park assist steering button
H15	Rear parking aid warning buzzer
H22	Front parking aid warning buzzer
J446	Parking aid control unit
J519	Onboard supply control unit
J791	Park assist steering control unit, behind dash panel, left
K136	Parking aid warning lamp
K241	Warning light for park assist steering
L156	Switch illumination bulb
SC11	Fuse 11 on fuse holder C
T2qh	2-pin connector
T2qi	2-pin connector
T12ta	12-pin connector
T16r	16-pin connector
T18	18-pin connector
T52b	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
*	According to equipment

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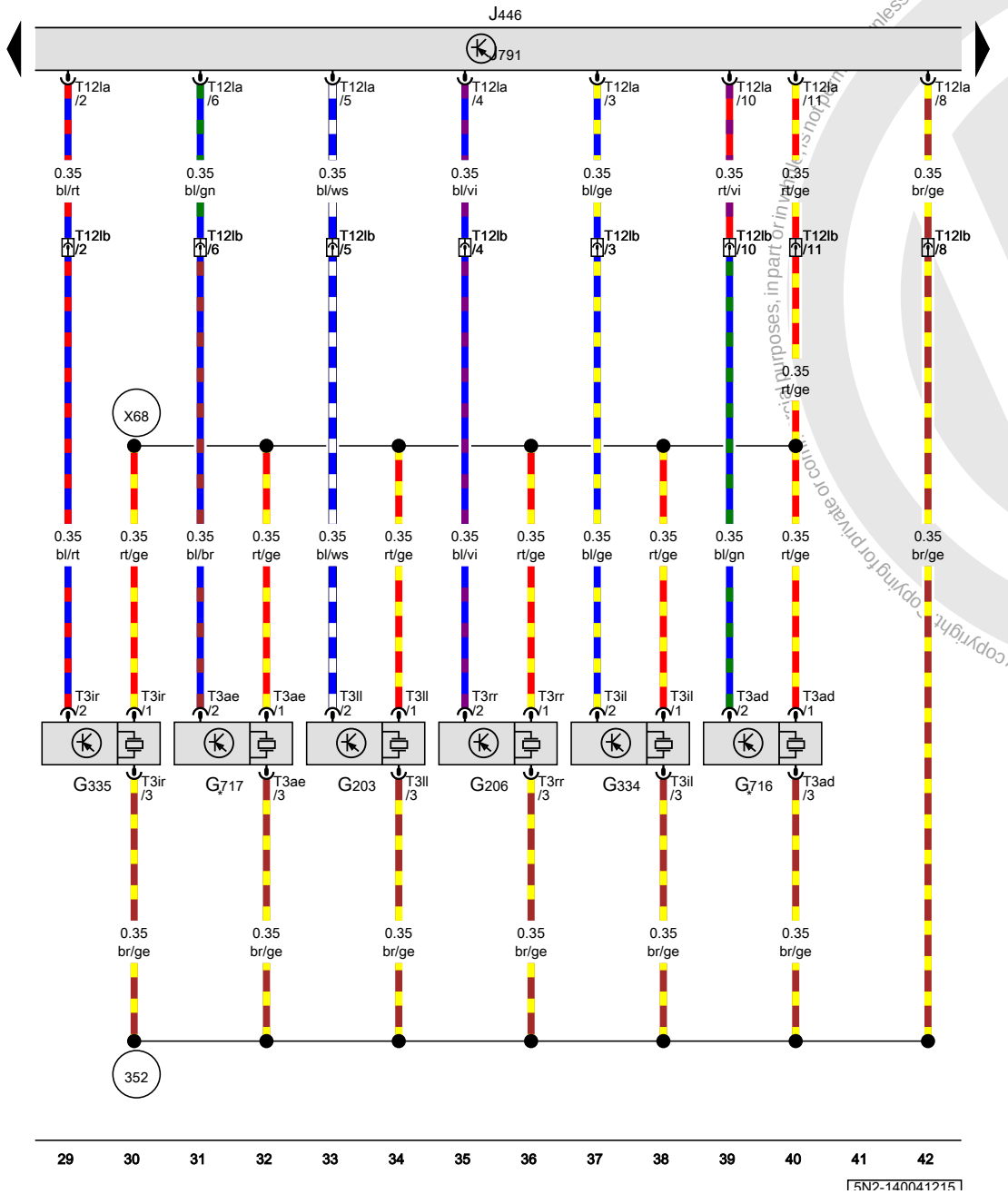


Front right parking aid sender, Front centre right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Front left sender for park assist steering on left side of vehicle, Front right sender for park assist steering on right side of vehicle, Parking aid control unit, Park assist steering control unit

G252	Front right parking aid sender
G253	Front centre right parking aid sender
G254	Front centre left parking aid sender
G255	Front left parking aid sender
G568	Front left sender for park assist steering on left side of vehicle
G569	Front right sender for park assist steering on right side of vehicle
J446	Parking aid control unit
J791	Park assist steering control unit, behind dash panel, left
T3al	3-pin connector
T3am	3-pin connector
T3as	3-pin connector
T3bm	3-pin connector
T3br	3-pin connector
T3bs	3-pin connector
T8jf	8-pin connector
T12ta	12-pin connector
348	Earth connection (parking aid), in front bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness
*	Only models with park assist steering

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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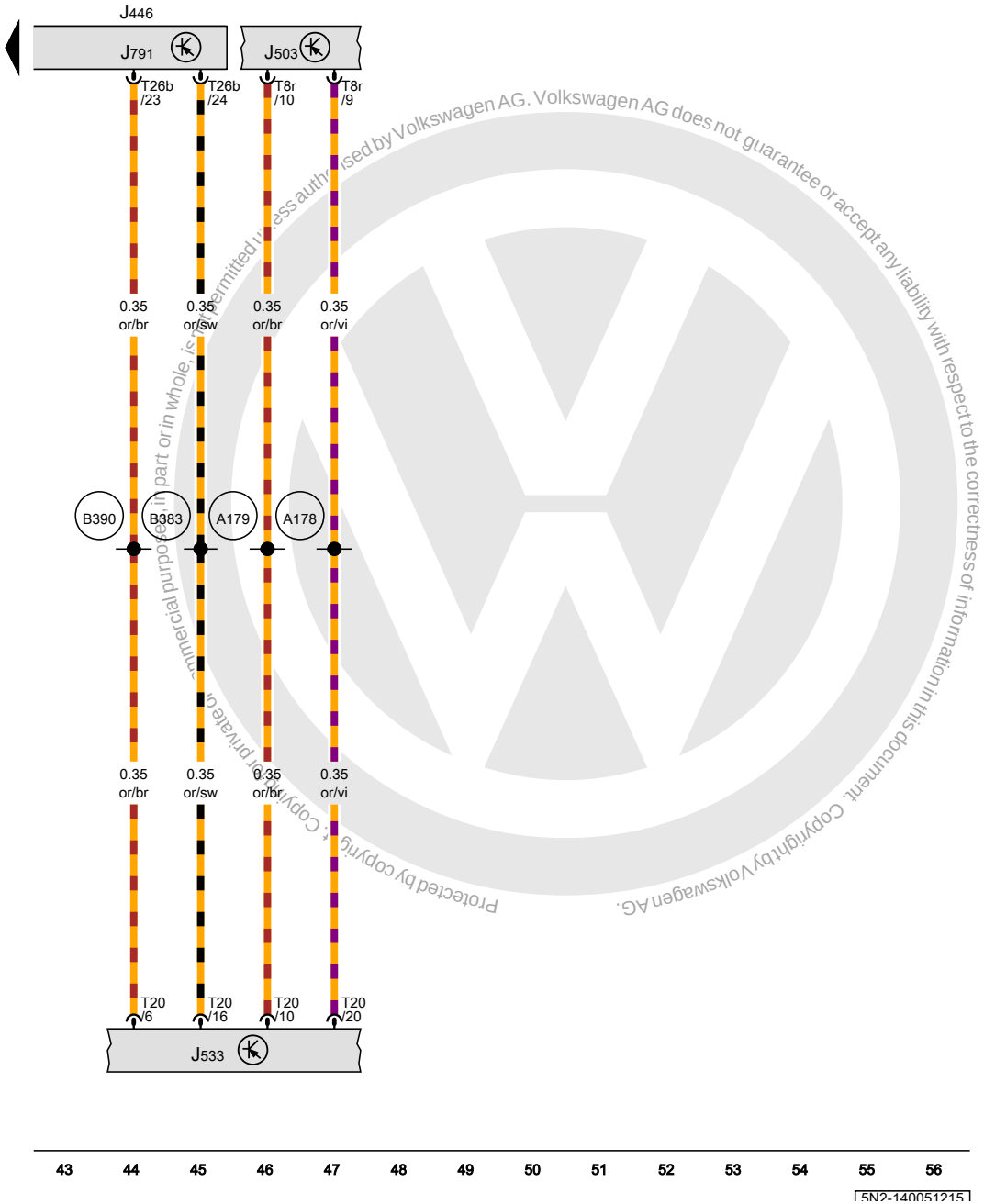


Rear left parking aid sender, Rear right parking aid sender, Rear left inner parking aid sender, Rear right inner parking aid sender, Rear left park assist steering sender, Rear right park assist steering sender, Parking aid control unit, Park assist steering control unit

G203	Rear left parking aid sender
G206	Rear right parking aid sender
G334	Rear left inner parking aid sender
G335	Rear right inner parking aid sender
G716	Rear left park assist steering sender
G717	Rear right park assist steering sender
J446	Parking aid control unit
J791	Park assist steering control unit, behind dash panel, left
T3ad	3-pin connector
T3ae	3-pin connector
T3il	3-pin connector
T3ir	3-pin connector
T3ll	3-pin connector
T3rr	3-pin connector
T12la	12-pin connector
T12lb	12-pin connector
352	Earth connection (parking aid), in rear bumper wiring harness
X68	Positive connection (parking aid), in rear bumper wiring harness
*	Only models with park assist steering

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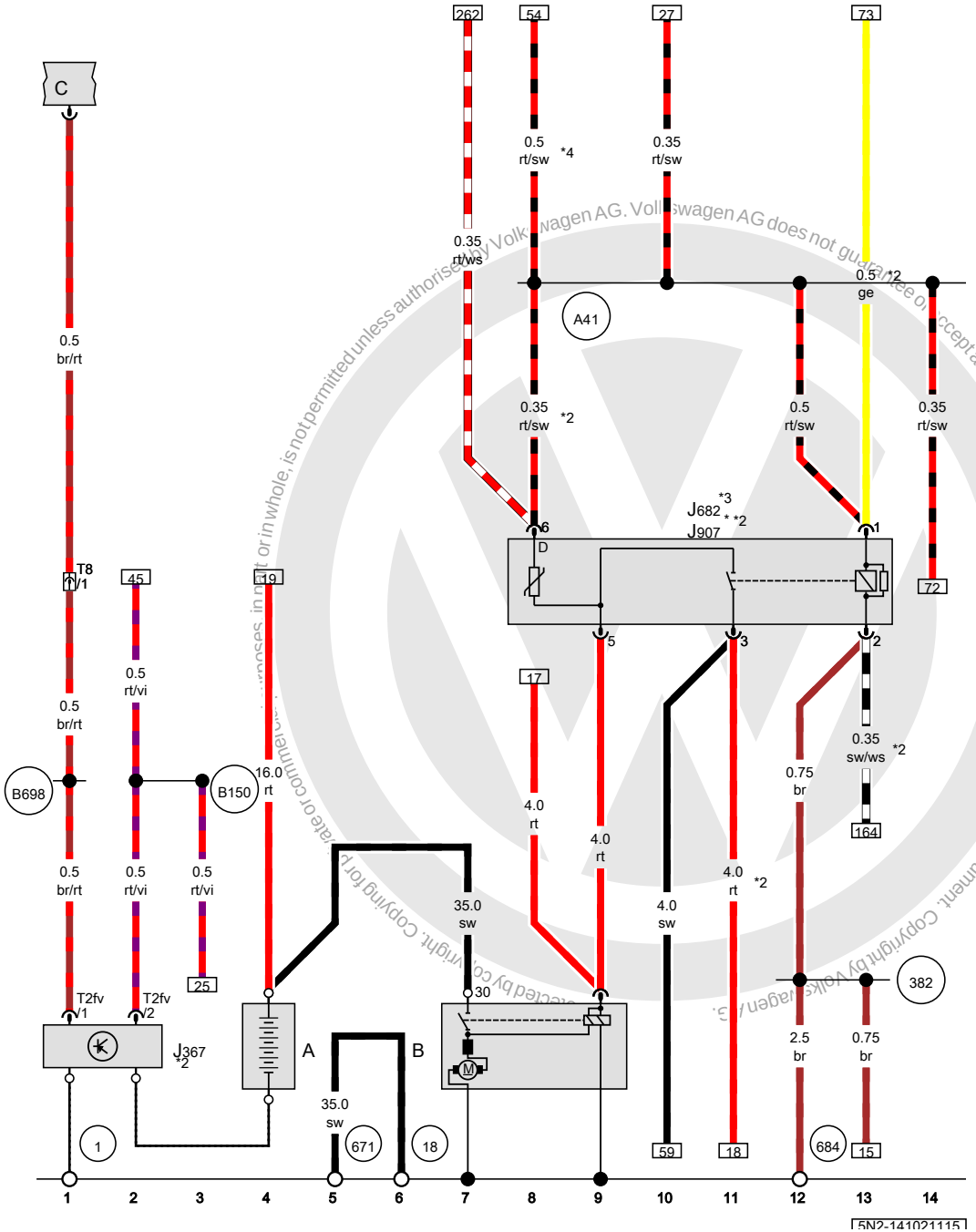
Parking aid control unit, Control unit with display for radio and navigation, Data bus diagnostic interface, Park assist steering control unit

J446	Parking aid control unit
J503	Control unit with display for radio and navigation
J533	Data bus diagnostic interface
J791	Park assist steering control unit, behind dash panel, left
T8r	8-pin connector
T20	20-pin connector
T26b	26-pin connector, black
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

Fuse assignment

From May 2011

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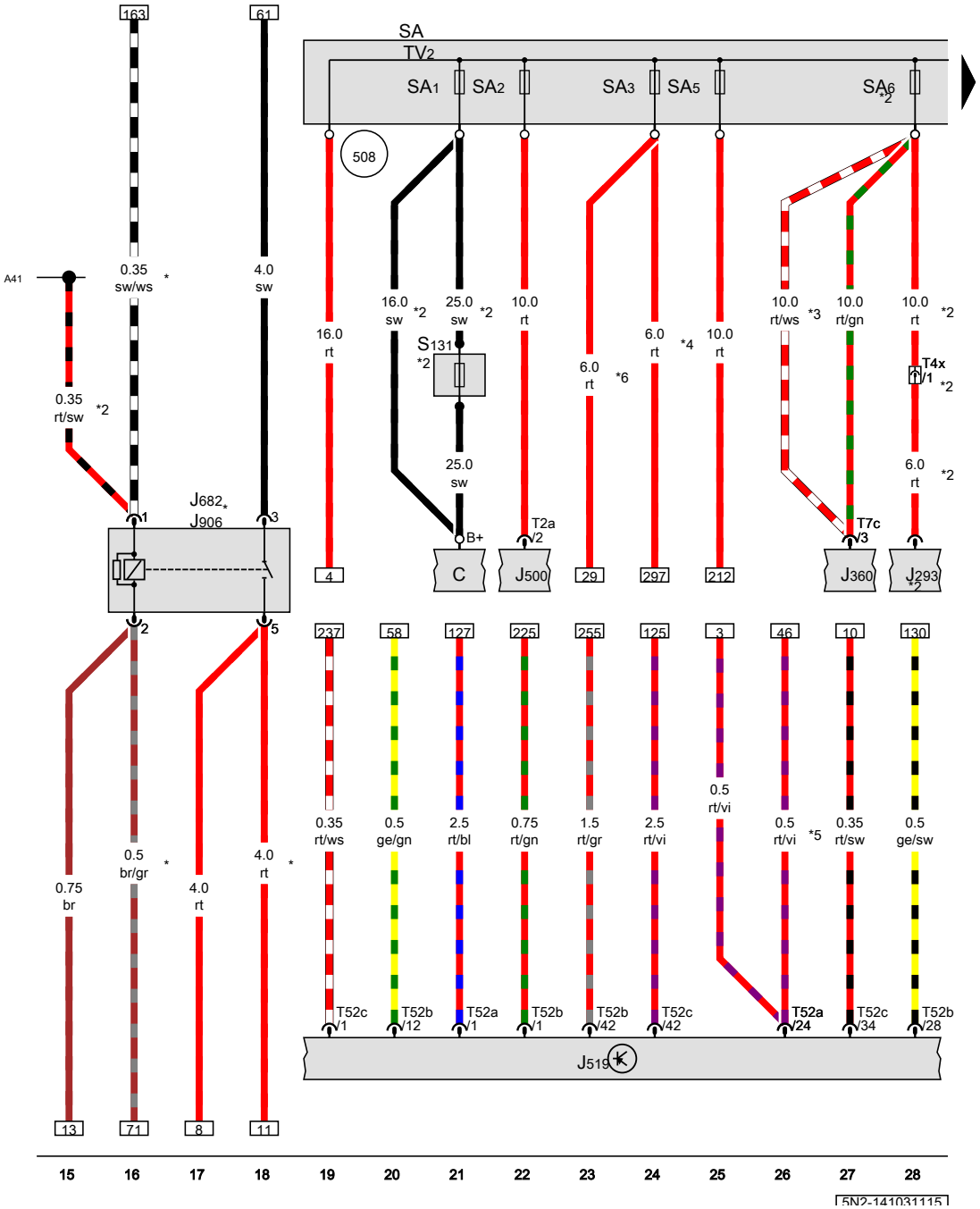


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Battery, Starter, Battery monitor control unit, Starter relay 2

A	Battery
B	Starter
C	Alternator
J367	Battery monitor control unit
J682	Terminal 50 voltage supply relay
J907	Starter relay 2
T2fv	2-pin connector
T8	8-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
A41	Positive connection (50), in dash panel wiring harness
B150	Positive connection 2 (30a), in interior wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with start/stop system
*3	Only models with no start/stop system
*4	Up to May 2012

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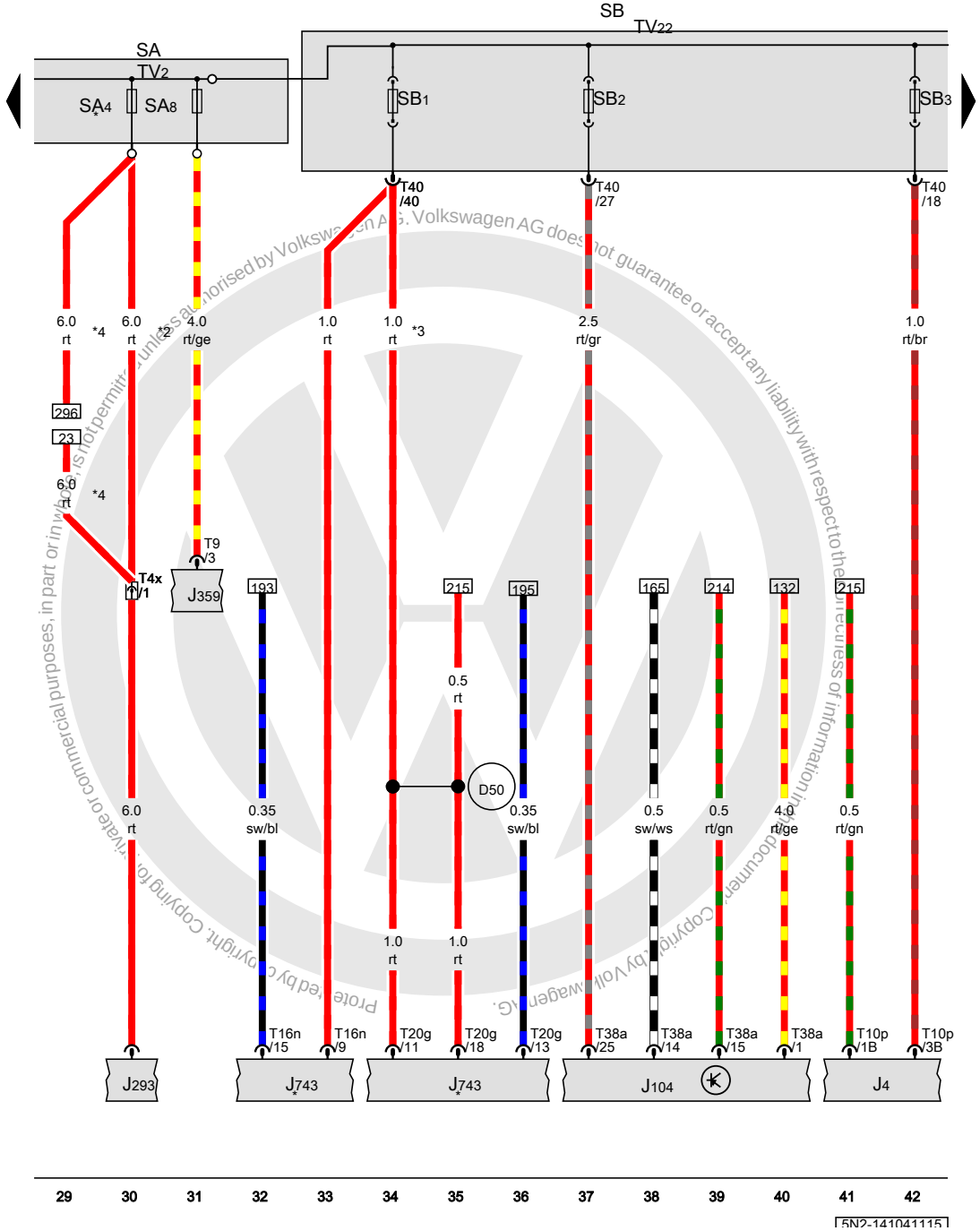


Onboard supply control unit, Starter relay 1, Fuse holder A, Terminal 30 wiring junction

C	Alternator
J293	Radiator fan control unit
J360	High heat output relay
J500	Power steering control unit
J519	Onboard supply control unit
J682	Terminal 50 voltage supply relay
J906	Starter relay 1
S131	Fuse 1, in alternator wire
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
SA5	Fuse 5 in fuse holder A
SA6	Fuse 6 in fuse holder A
T2a	2-pin connector
T4x	4-pin connector
T7c	7-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
508	Threaded connection (30) on E-box
A41	Positive connection (50), in dash panel wiring harness
*	Only models with start/stop system
*2	According to equipment
*3	From November 2012
*4	Up to May 2015
*5	Only models with no start/stop system
*6	From May 2015

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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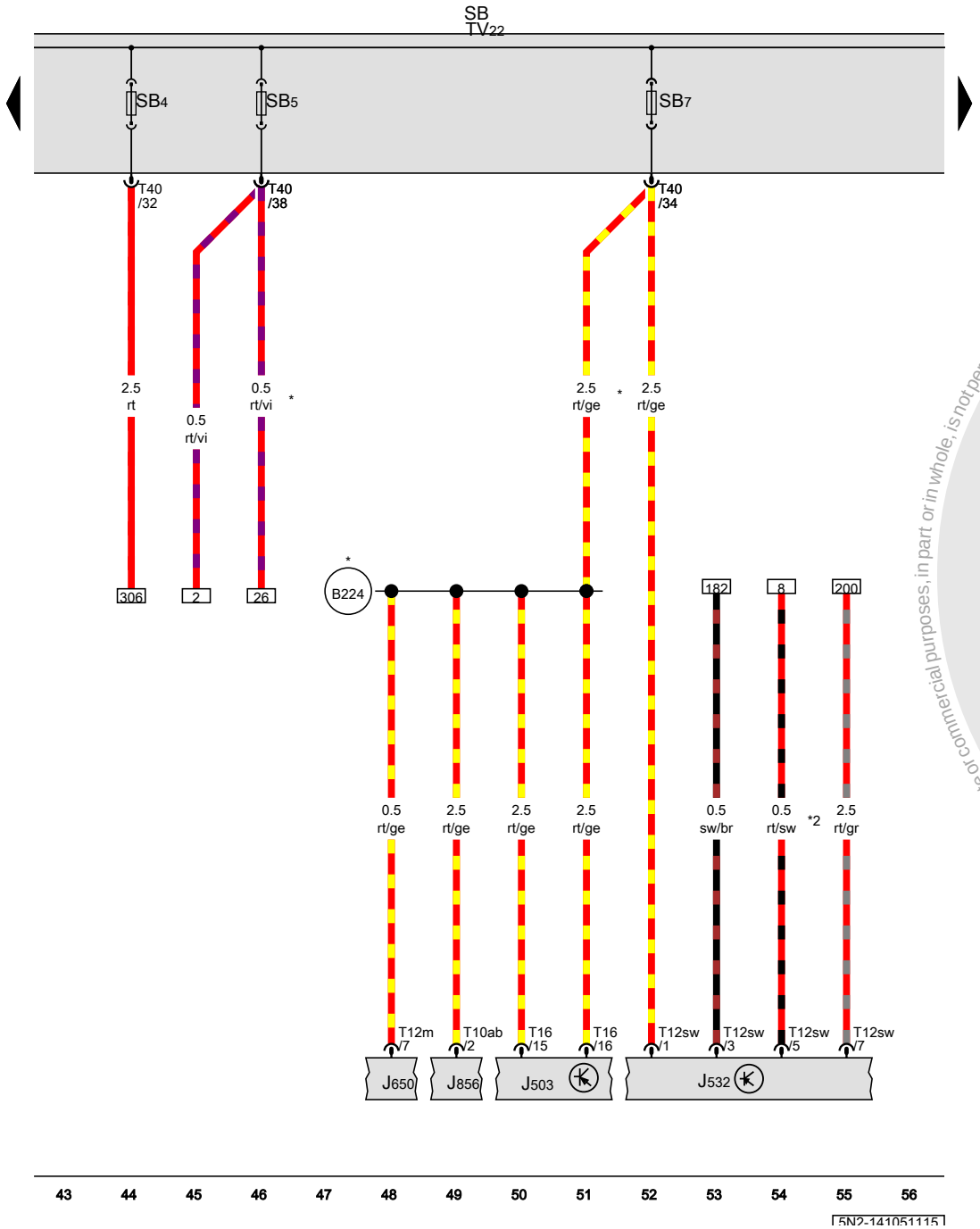


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Fuse holder A, Fuse holder B, Terminal 30 wiring junction

J4	Dual tone horn relay
J104	ABS control unit
J293	Radiator fan control unit
J359	Low heat output relay
J743	Mechatronic unit for dual clutch gearbox
SA	Fuse holder A
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
SA4	Fuse 4 in fuse holder A
SA8	Fuse 8 in fuse holder A
T4x	4-pin connector
T9	9-pin connector
T10p	10-pin connector
T16n	16-pin connector
T20g	20-pin connector
T38a	38-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
D50	Positive connection (30), in engine compartment wiring harness
*	According to equipment
*2	Up to May 2015
*3	Only models with 6-speed automatic gearbox and Tiptronic
*4	From May 2015

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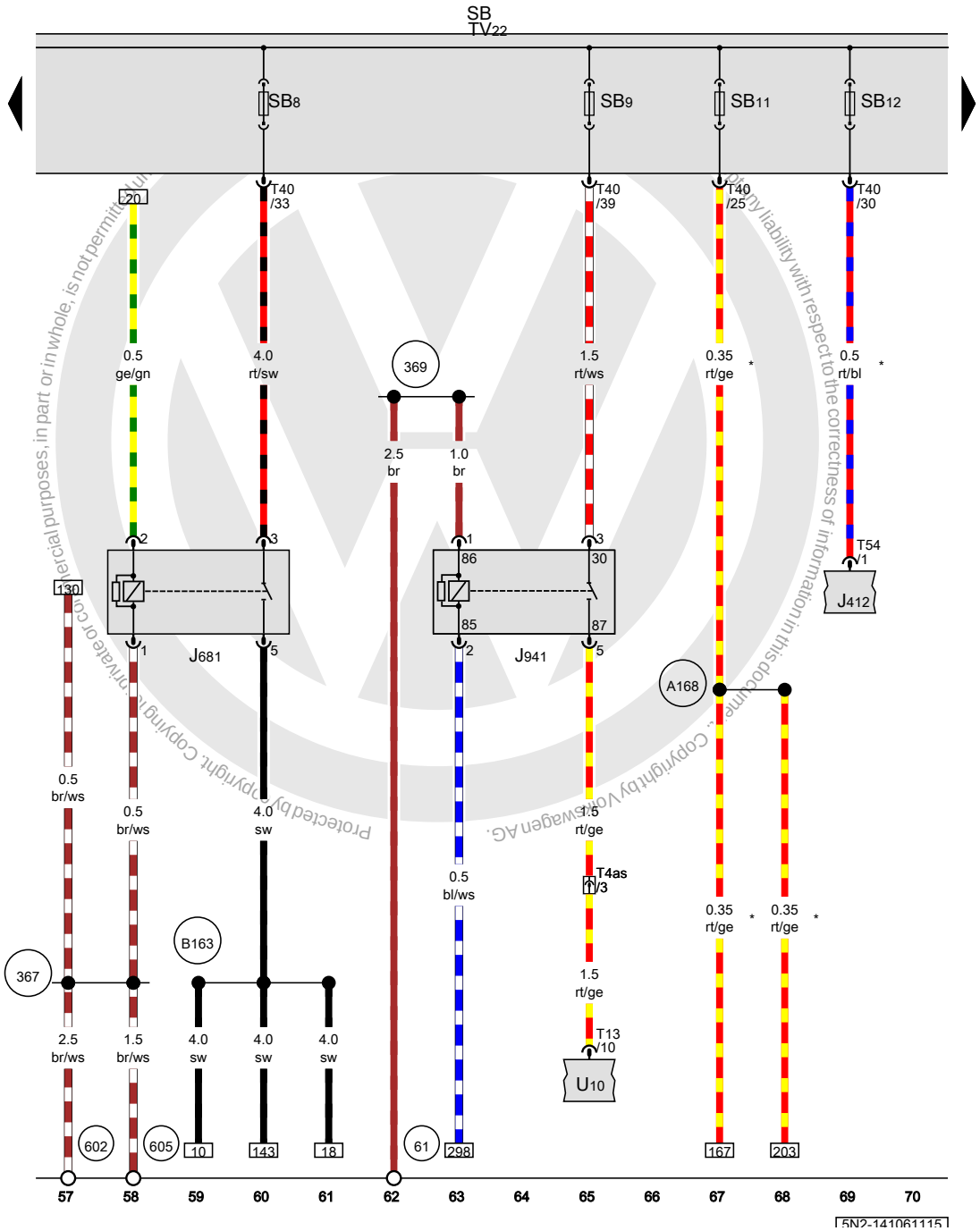


Voltage stabiliser, Fuse holder B

J503	Control unit with display for radio and navigation
J532	Voltage stabiliser
J650	Multimedia system control unit
J856	Control unit for navigation system
SB	Fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB7	Fuse 7 on fuse holder B
T10ab	10-pin connector
T12m	12-pin connector
T12sw	12-pin connector
T16	16-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
B224	Connection 1 (radio), in interior wiring harness
*	Only models with no start/stop system
*2	Up to May 2012

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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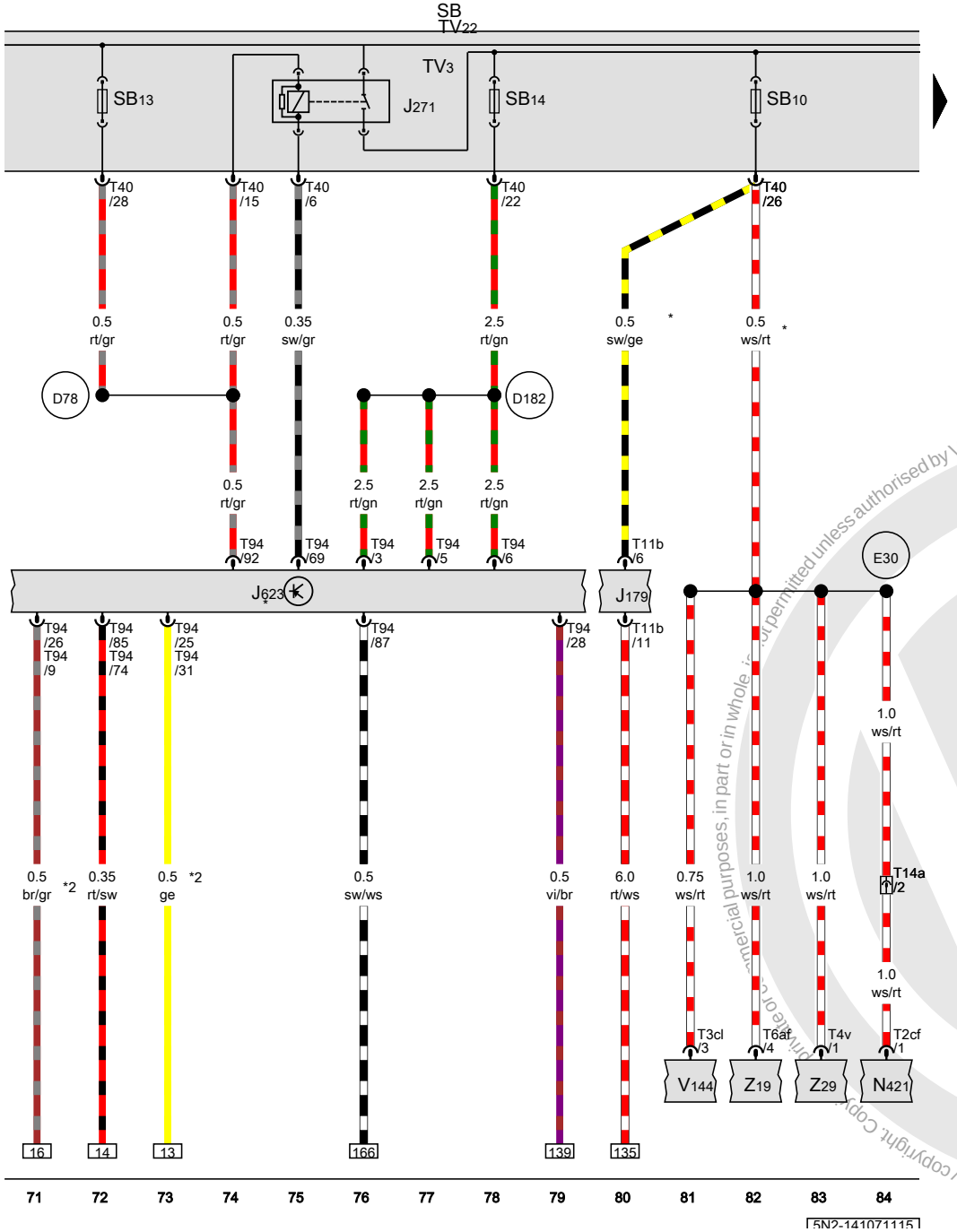


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Terminal 15 voltage supply relay 2, Fuse holder B

J412	Mobile telephone operating electronics control unit
J681	Terminal 15 voltage supply relay 2
J941	Trailer voltage supply relay
SB	Fuse holder B
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
T4as	4-pin connector
T13	13-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
T54	54-pin connector
U10	Trailer socket
61	Earth point, left C-pillar
367	Earth connection 2, in main wiring harness
369	Earth connection 4, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
A168	Positive connection 4 (30a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
*	Only models with no start/stop system

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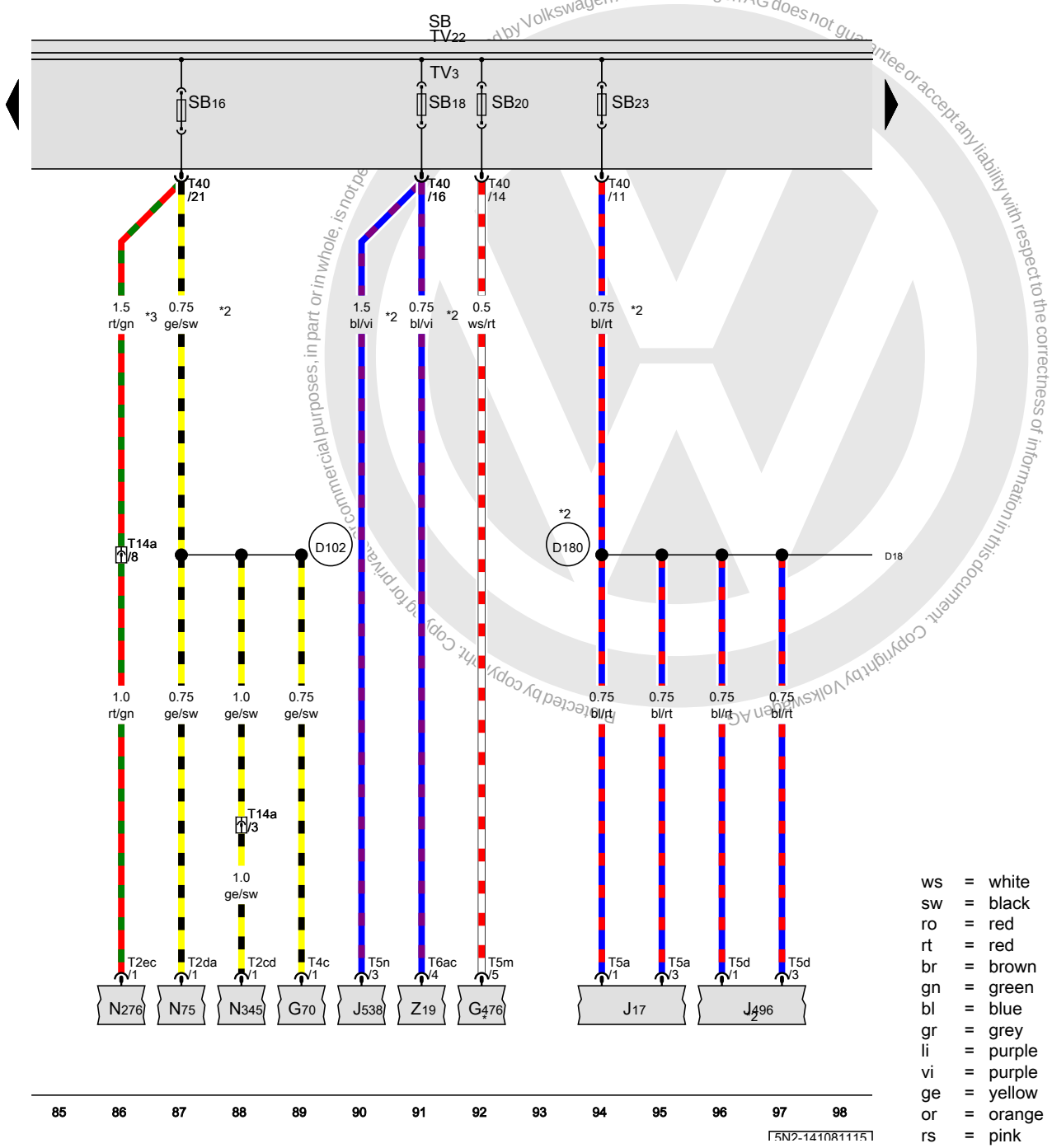


Main relay, Fuse holder B, Terminal 30a wiring junction

J179	Automatic glow period control unit
J271	Main relay
J623	Engine control unit
N421	Magnetic clutch for supercharger
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
T2cf	2-pin connector
T3cl	3-pin connector
T4v	4-pin connector
T6af	6-pin connector
T11b	11-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
T94	94-pin connector
V144	Fuel system diagnostic pump
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
E30	Connection (87a), in engine wiring harness
*	see applicable current flow diagram for engine
*2	Only models with start/stop system

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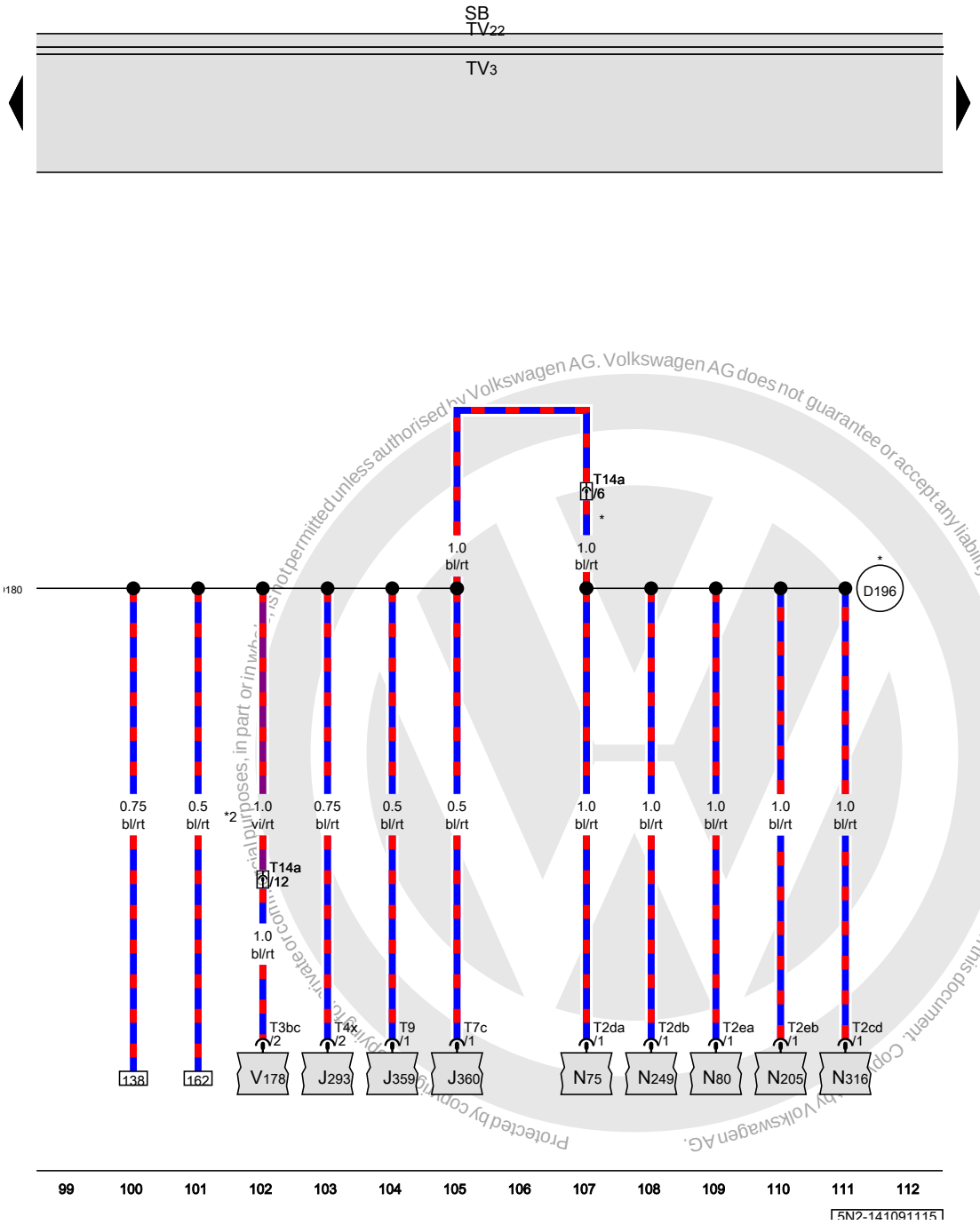


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Fuse holder B, Terminal 30a wiring junction

G70	Air mass meter
G476	Clutch position sender
J17	Fuel pump relay
J496	Additional coolant pump relay
J538	Fuel pump control unit
N75	Charge pressure control solenoid valve
N276	Fuel pressure regulating valve
N345	Exhaust gas recirculation cooler changeover valve
SB	Fuse holder B
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
T2cd	2-pin connector
T2da	2-pin connector
T2ec	2-pin connector
T4c	4-pin connector
T5a	5-pin connector
T5d	5-pin connector
T5m	5-pin connector
T5n	5-pin connector
T6ac	6-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
Z19	Lambda probe heater
D102	Connection 2 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	Only models with manual gearbox
*2	see applicable current flow diagram for engine
*3	From December 2003

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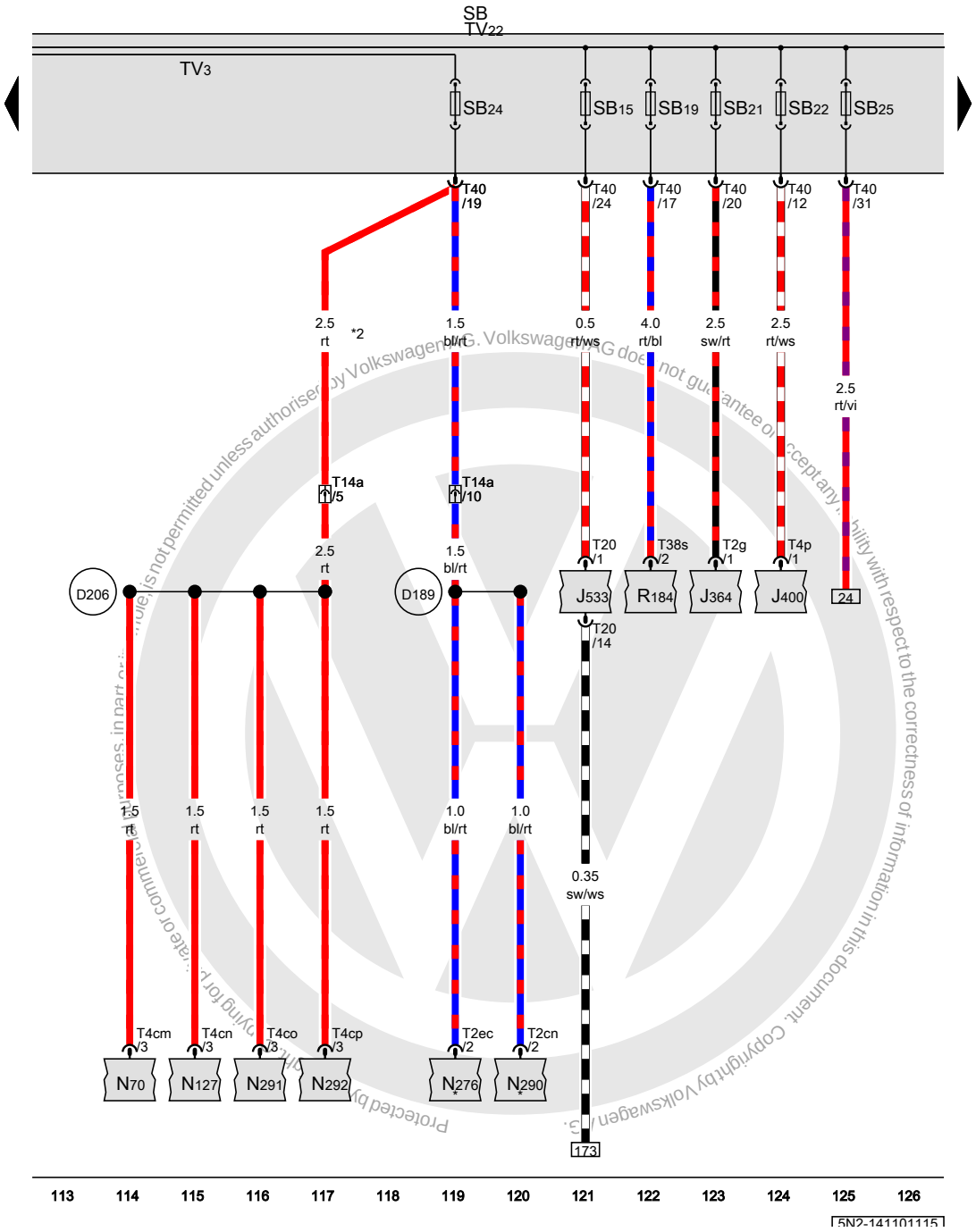


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuse holder B, Terminal 30a wiring junction

J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
SB	Fuse holder B
T2cd	2-pin connector
T2da	2-pin connector
T2db	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T3bc	3-pin connector
T4x	4-pin connector
T7c	7-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
T9	9-pin connector
TV22	Terminal 30 wiring junction 2
V178	Coolant circulation pump 2
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	see applicable current flow diagram for engine
*2	From November 2011

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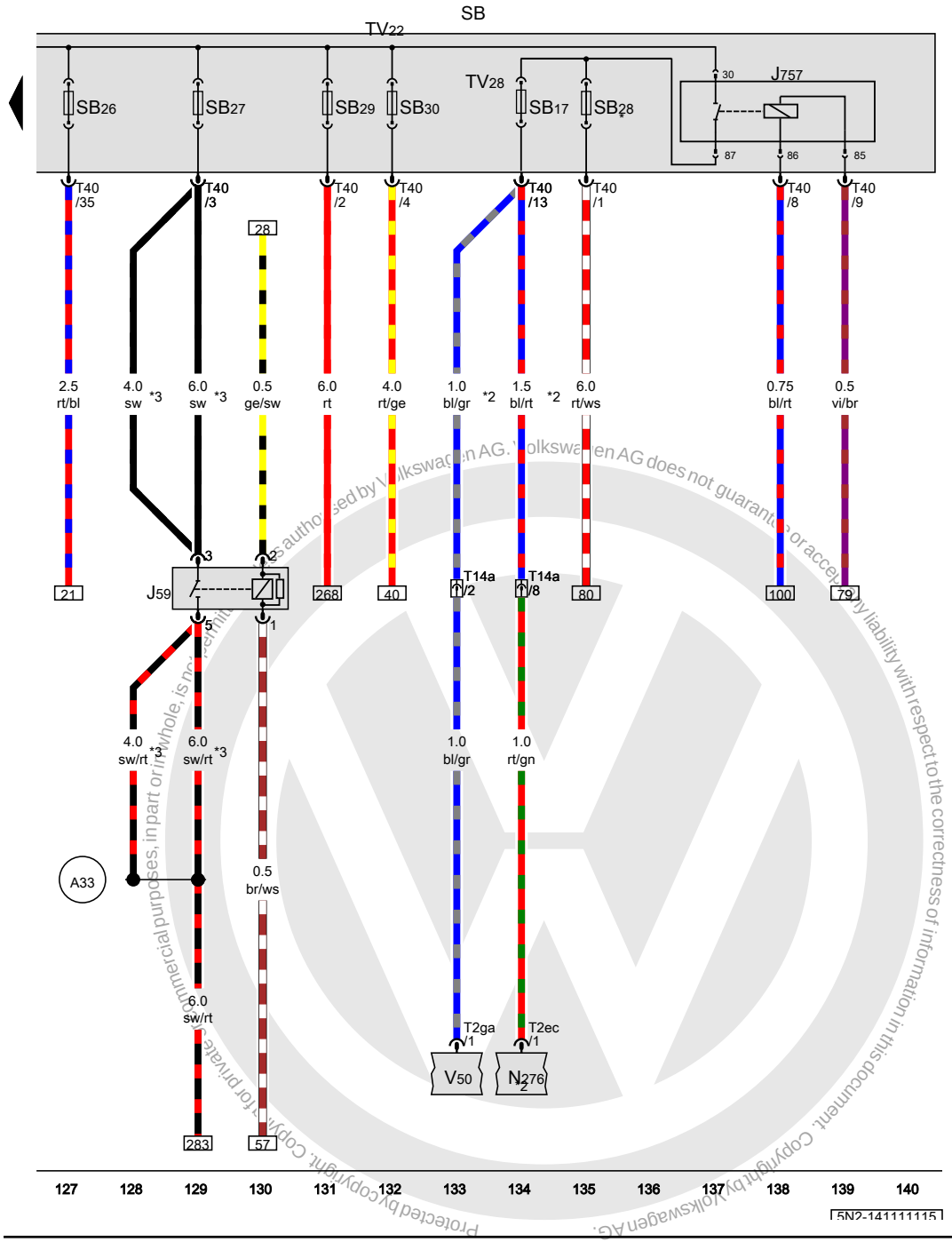


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuse holder B, Terminal 30a wiring junction

J364	Auxiliary heater control unit
J400	Wiper motor control unit
J533	Data bus diagnostic interface
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
R184	Digital sound package amplifier
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB24	Fuse 24 on fuse holder B
SB25	Fuse 25 on fuse holder B
T2cn	2-pin connector
T2ec	2-pin connector
T2g	2-pin connector
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T4p	4-pin connector
T14a	14-pin connector
TV3	Terminal 30a wiring junction
T20	20-pin connector
T38s	38-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
D189	Connection (87a) in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	Only models with diesel engine
*2	see applicable current flow diagram for engine

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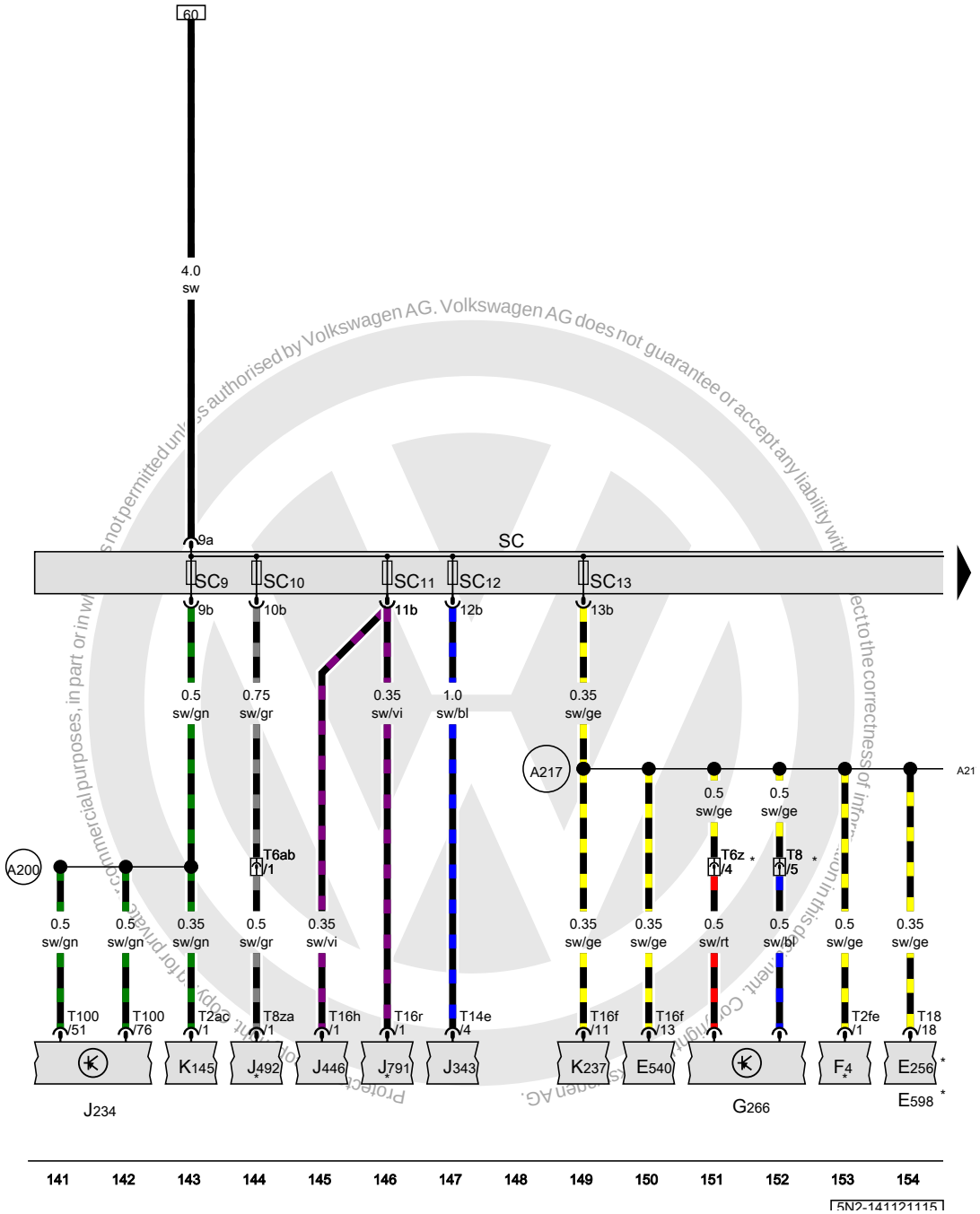


X-contact relief relay, Fuse holder B

J59	X-contact relief relay
J757	Engine component current supply relay
N276	Fuel pressure regulating valve
SB	Fuse holder B
SB17	Fuse 17 on fuse holder B
SB26	Fuse 26 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB30	Fuse 30 on fuse holder B
T2ec	2-pin connector
T2ga	2-pin connector
T14a	14-pin connector
TV22	Terminal 30 wiring junction 2
TV28	Terminal 30 wiring junction 3
T40	40-pin connector
V50	Coolant circulation pump
A33	Connection (75), in dash panel wiring harness
*	Only models with diesel engine
*2	see applicable current flow diagram for engine
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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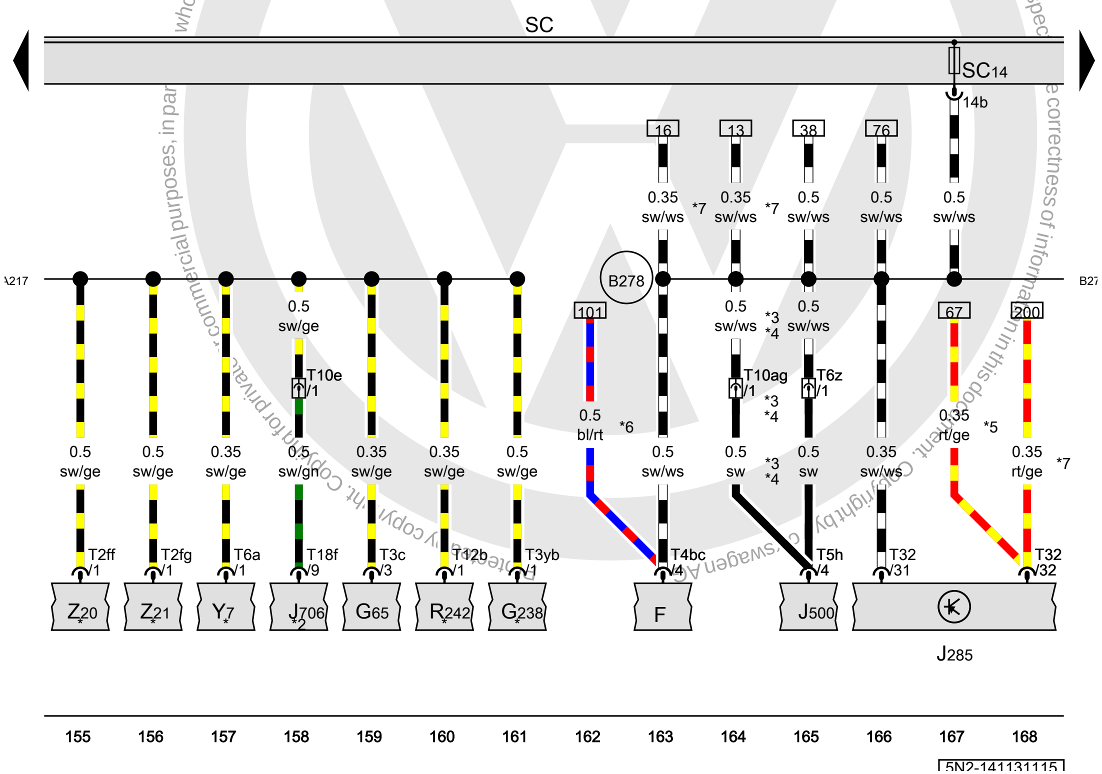


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuse holder C

E256	Button for TCS and electronic stabilisation program
E540	Auto-hold button
E598	Driving program button
F4	Reversing light switch
G266	Oil level and oil temperature sender
J234	Airbag control unit
J343	Left gas discharge bulb control unit
J446	Parking aid control unit
J492	All-wheel drive control unit
J791	Park assist steering control unit
K145	Front passenger side airbag deactivated warning lamp
K237	Auto-hold warning lamp
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC13	Fuse 13 on fuse holder C
T2ac	2-pin connector
T2fe	2-pin connector
T6ab	6-pin connector
T6z	6-pin connector
T8	8-pin connector
T8za	8-pin connector
T14e	14-pin connector
T16f	16-pin connector
T16h	16-pin connector
T16r	16-pin connector
T18	18-pin connector
T100	100-pin connector
A200	Positive connection 5 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
*	According to equipment

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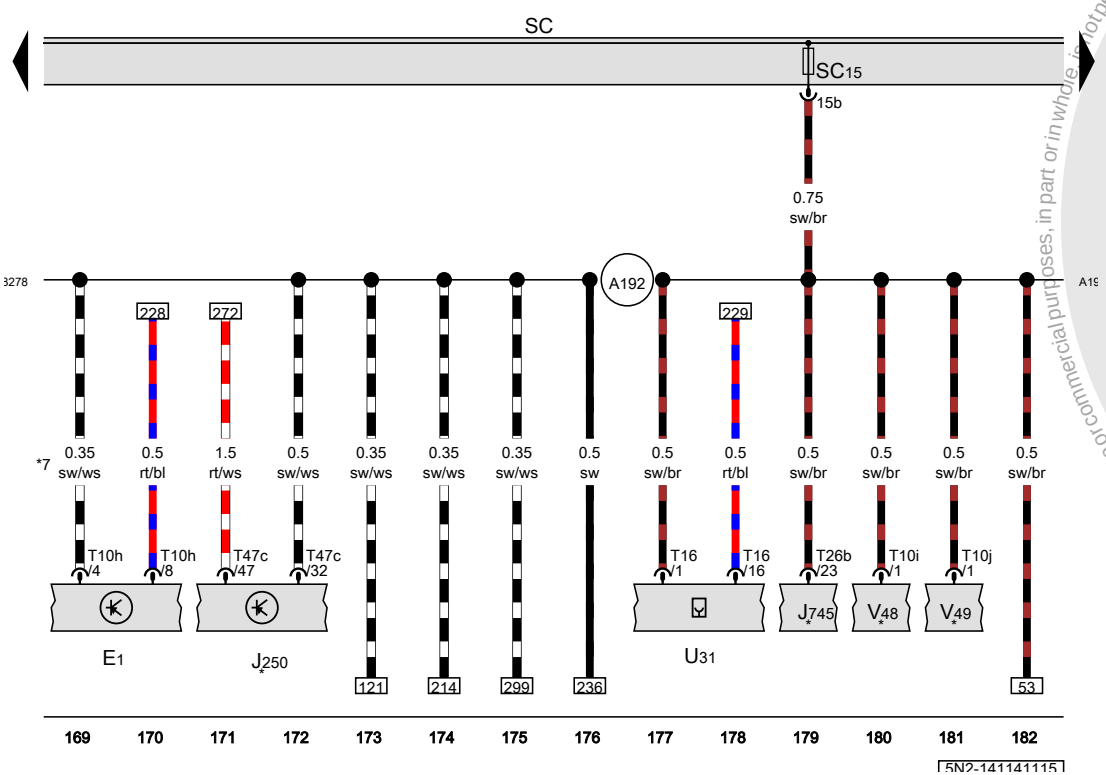
Fuse holder C

F	Brake light switch
G65	High-pressure sender
G238	Air quality sensor
J285	Control unit in dash panel insert
J500	Power steering control unit
J706	Seat occupied recognition control unit
R242	Front camera for driver assist systems
SC	Fuse holder C
SC14	Fuse 14 on fuse holder C
T2ff	2-pin connector
T2fg	2-pin connector
T3c	3-pin connector
T3yb	3-pin connector
T4bc	4-pin connector
T5h	5-pin connector
T6a	6-pin connector
T6z	6-pin connector
T10ag	10-pin connector, black
T10e	10-pin connector
T12b	12-pin connector
T18f	18-pin connector
T32	32-pin connector
Y7	Automatic anti-dazzle interior mirror
Z20	Left washer jet heater element
Z21	Right washer jet heater element
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	According to equipment
*2	Only for American markets
*3	Only models with diesel engine
*4	From May 2015
*5	Only models with no start/stop system
*6	From November 2011
*7	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

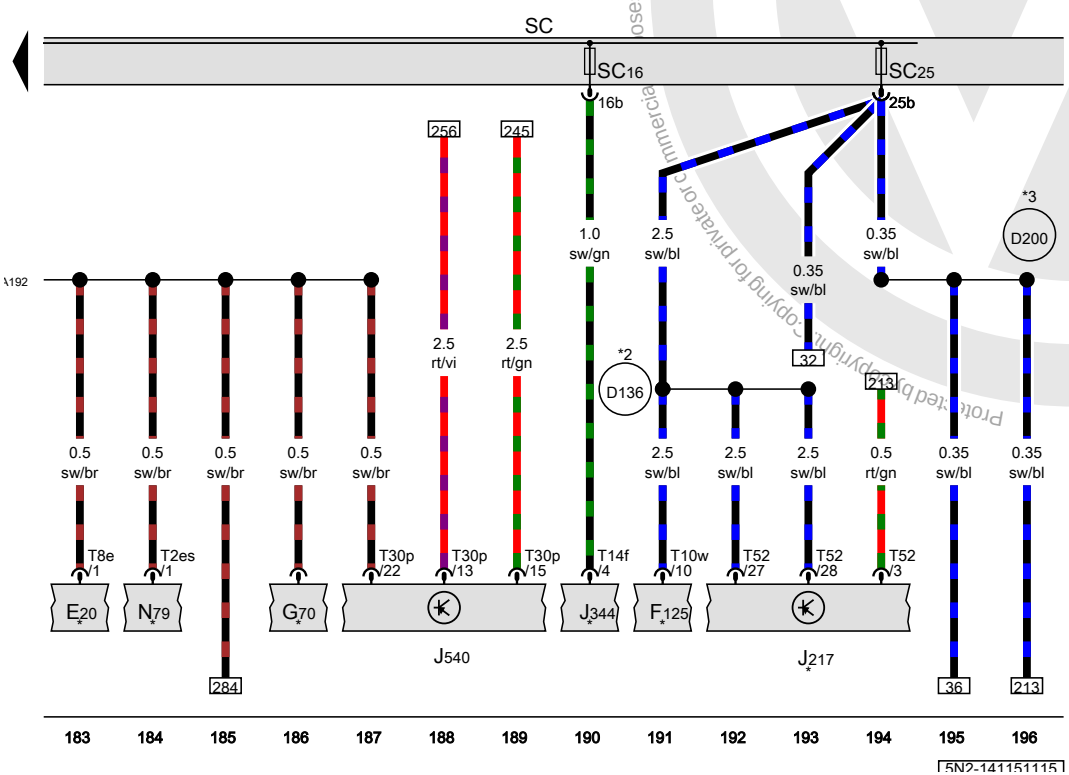
Fuse holder C

E1	Light switch
J250	Electronically controlled damping control unit
J745	Control unit for cornering light and headlight range control
SC	Fuse holder C
SC15	Fuse 15 on fuse holder C
T10h	10-pin connector
T10i	10-pin connector
T10j	10-pin connector
T16	16-pin connector
T26b	26-pin connector
T47c	47-pin connector
U31	Diagnostic connection
V48	Left headlight range control motor
V49	Right headlight range control motor
A192	Positive connection 3 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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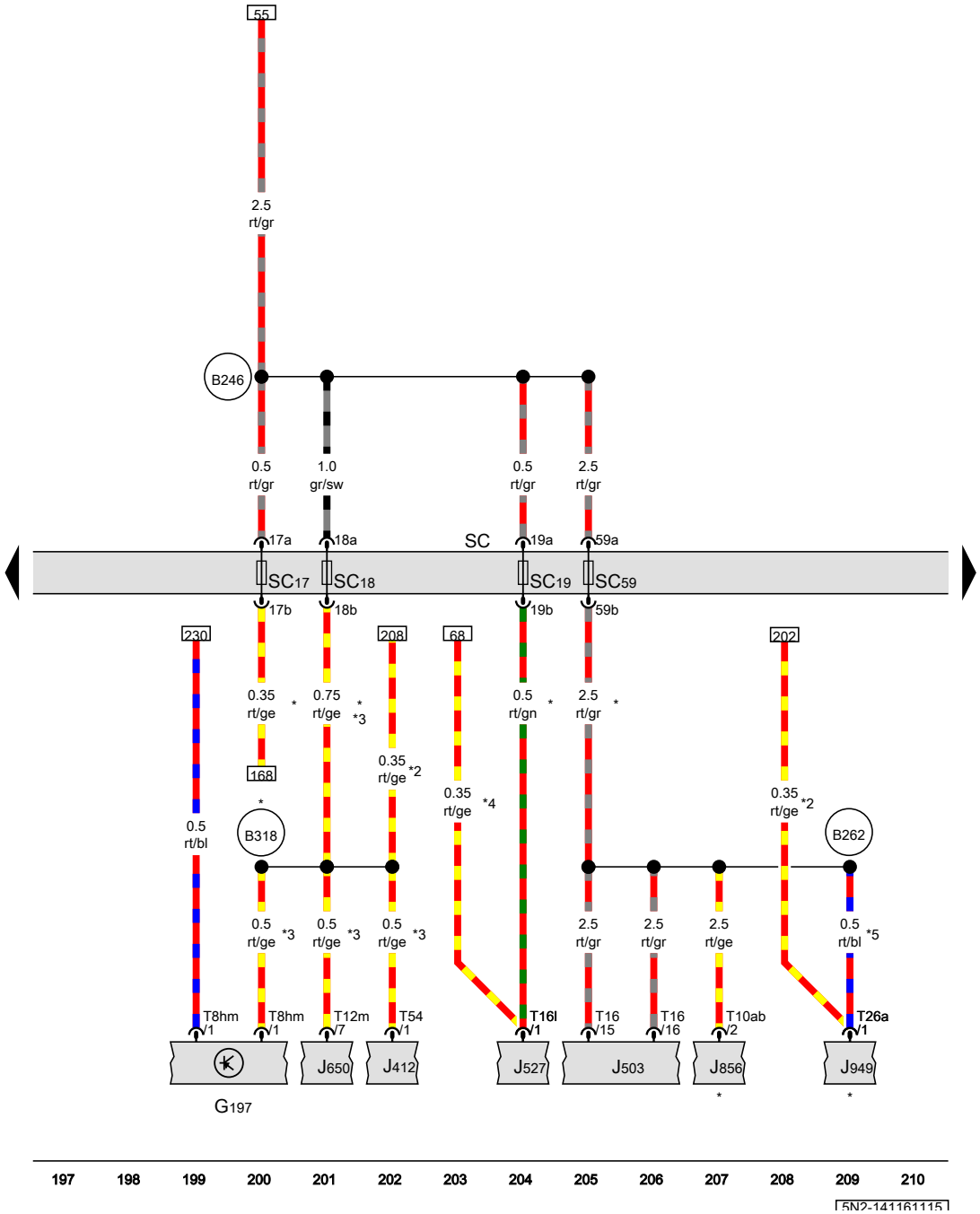


Fuse holder C

E20	Switch and instrument illumination regulator
F125	Multifunction switch
G70	Air mass meter
J217	Automatic gearbox control unit
J344	Right gas discharge bulb control unit
J540	Control unit for electromechanical parking brake
N79	Heater element for crankcase breather
SC	Fuse holder C
SC16	Fuse 16 on fuse holder C
SC25	Fuse 25 on fuse holder C
T2es	2-pin connector
T8e	8-pin connector
T10w	10-pin connector
T14f	14-pin connector
T30p	30-pin connector
T52	52-pin connector
A192	Positive connection 3 (15a) in dash panel wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
D200	Positive connection 3 (15a), in engine compartment wiring harness
*	According to equipment
*2	Only models with no start/stop system
*3	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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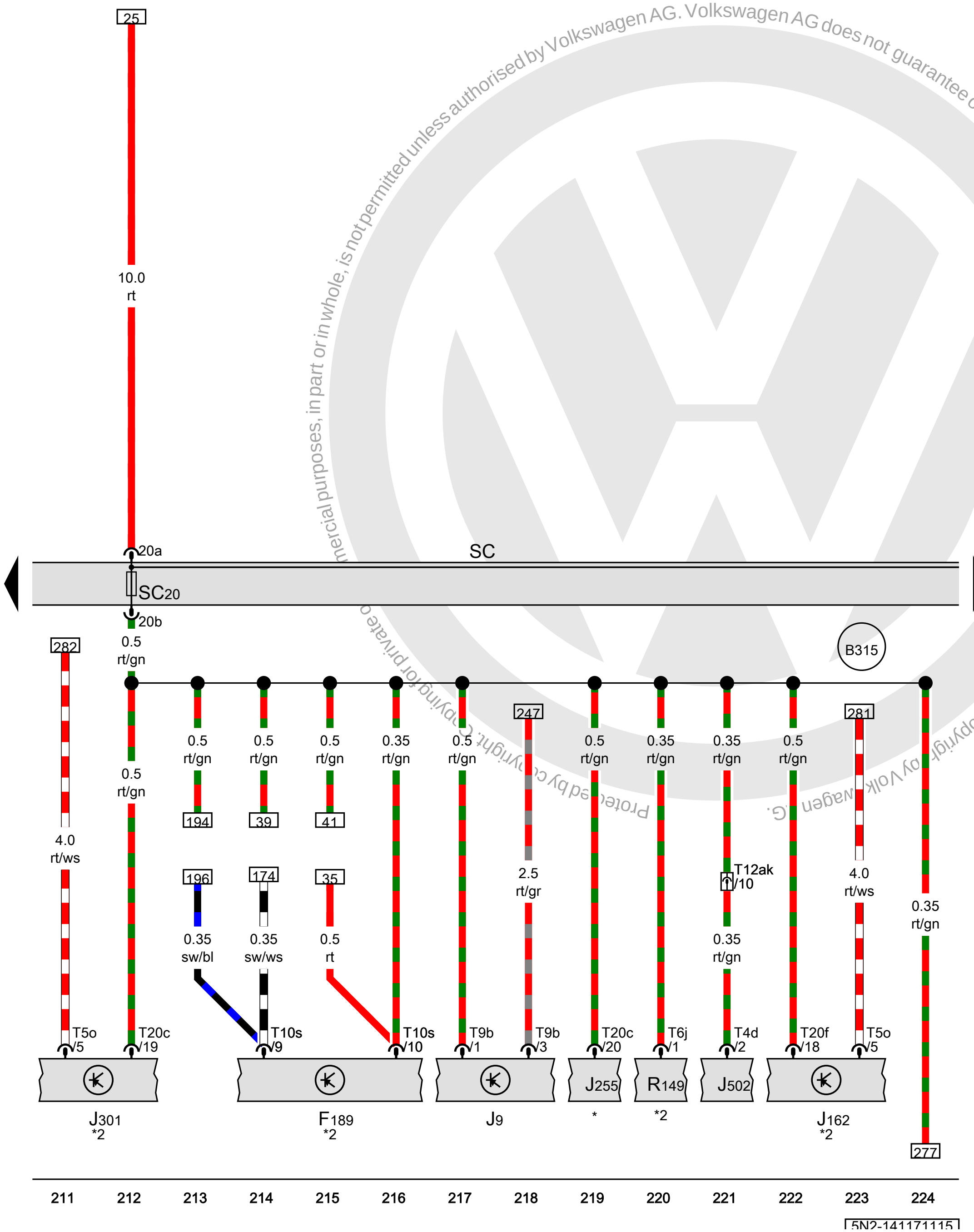


Fuse holder C

G197	Magnetic field sender for compass
J412	Mobile telephone operating electronics control unit
J503	Control unit with display for radio and navigation
J527	Steering column electronics control unit
J650	Multimedia system control unit
J856	Control unit for navigation system
J949	Emergency call module control unit and communication unit
SC	Fuse holder C
SC17	Fuse 17 on fuse holder C
SC18	Fuse 18 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC59	Fuse 59 on fuse holder C
T8hm	8-pin connector
T10ab	10-pin connector
T12m	12-pin connector
T16	16-pin connector
T16l	16-pin connector
T26a	26-pin connector
T54	54-pin connector
B246	Positive connection (30a, stabilised), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	Only models with start/stop system
*2	From November 2014
*3	Cross section depends on equipment
*4	Only models with no start/stop system
*5	Up to November 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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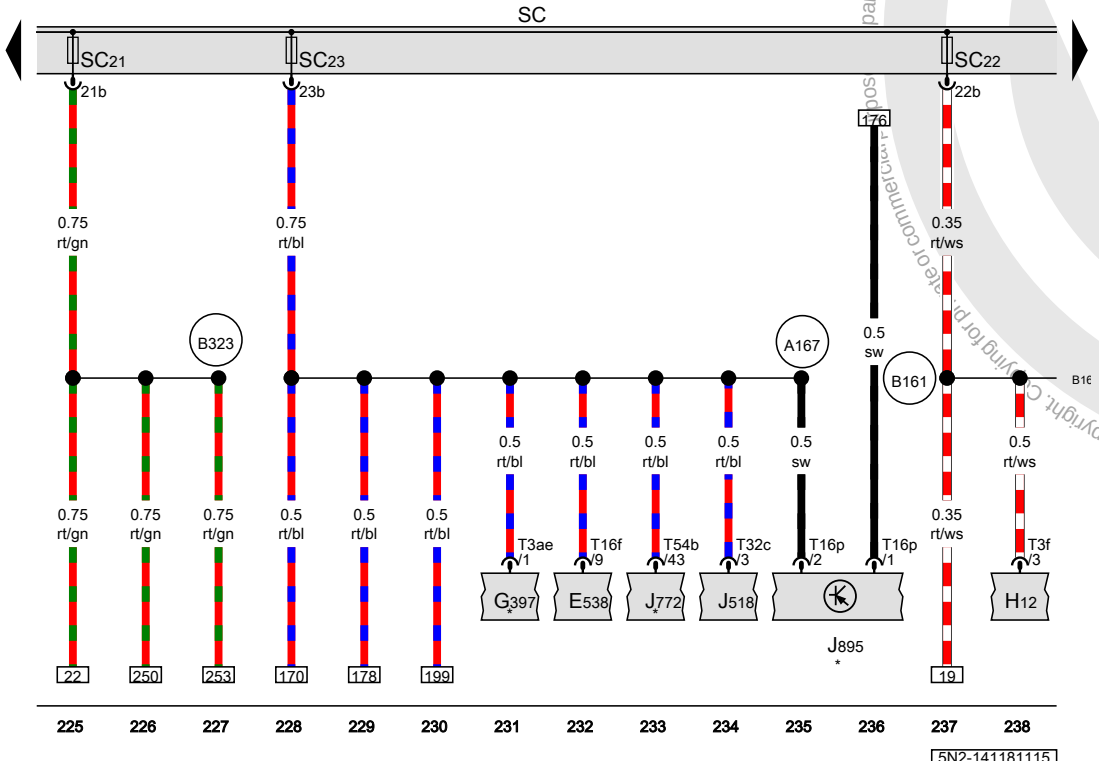


Fuse holder C

F189	Tiptronic switch
J9	Heated rear window relay
J162	Heater control unit
J255	Climatronic control unit
J301	Air conditioning system control unit
J502	Tyre Pressure Monitoring System control unit
R149	Remote control receiver for auxiliary coolant heater
SC	Fuse holder C
SC20	Fuse 20 on fuse holder C
T4d	4-pin connector
T5o	5-pin connector
T6j	6-pin connector
T9b	9-pin connector
T10s	10-pin connector
T12ak	12-pin connector
T20c	20-pin connector
T20f	20-pin connector
B315	Positive connection 1 (30a) in main wiring harness
*	Only models with Climatronic
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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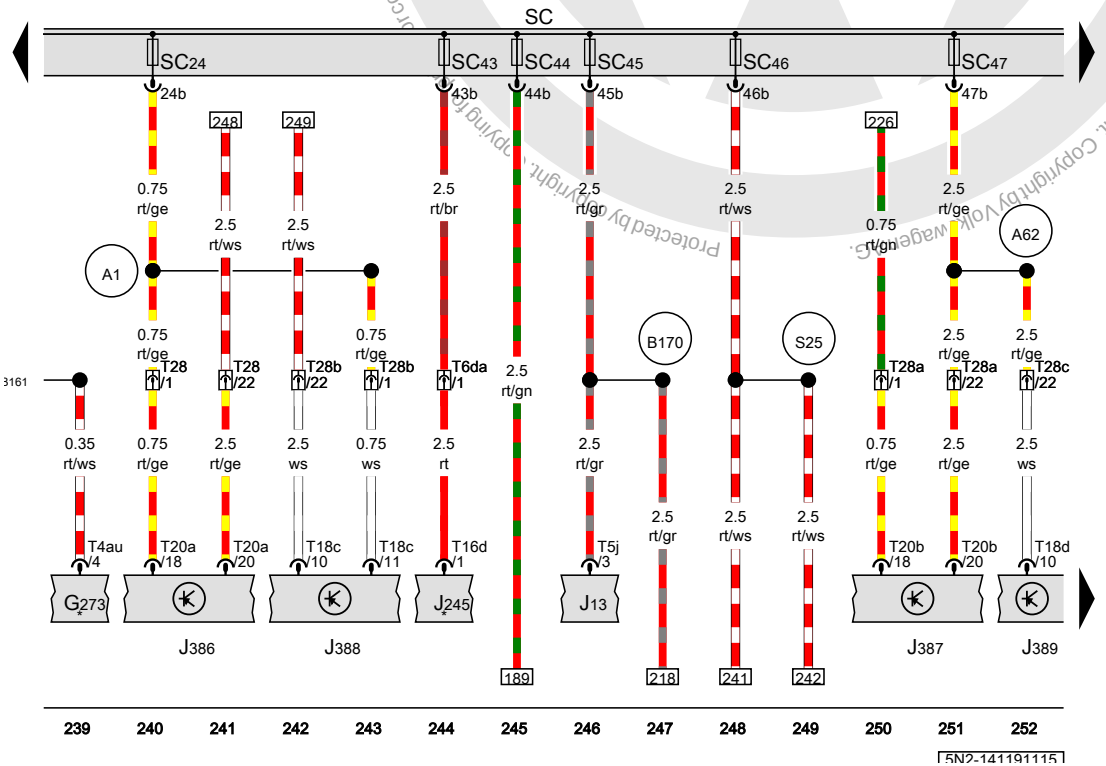
Fuse holder C

E538	Electromechanical parking brake button
G397	Rain and light sensor
H12	Alarm horn
J518	Entry and start authorisation control unit
J772	Reversing camera system control unit
J895	Control unit for vehicle location system
SC	Fuse holder C
SC21	Fuse 21 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
T3ae	3-pin connector
T3f	3-pin connector
T16f	16-pin connector
T16p	16-pin connector
T32c	32-pin connector
T54b	54-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
B161	Connection (ATA), in interior wiring harness
B323	Positive connection 9 (30a) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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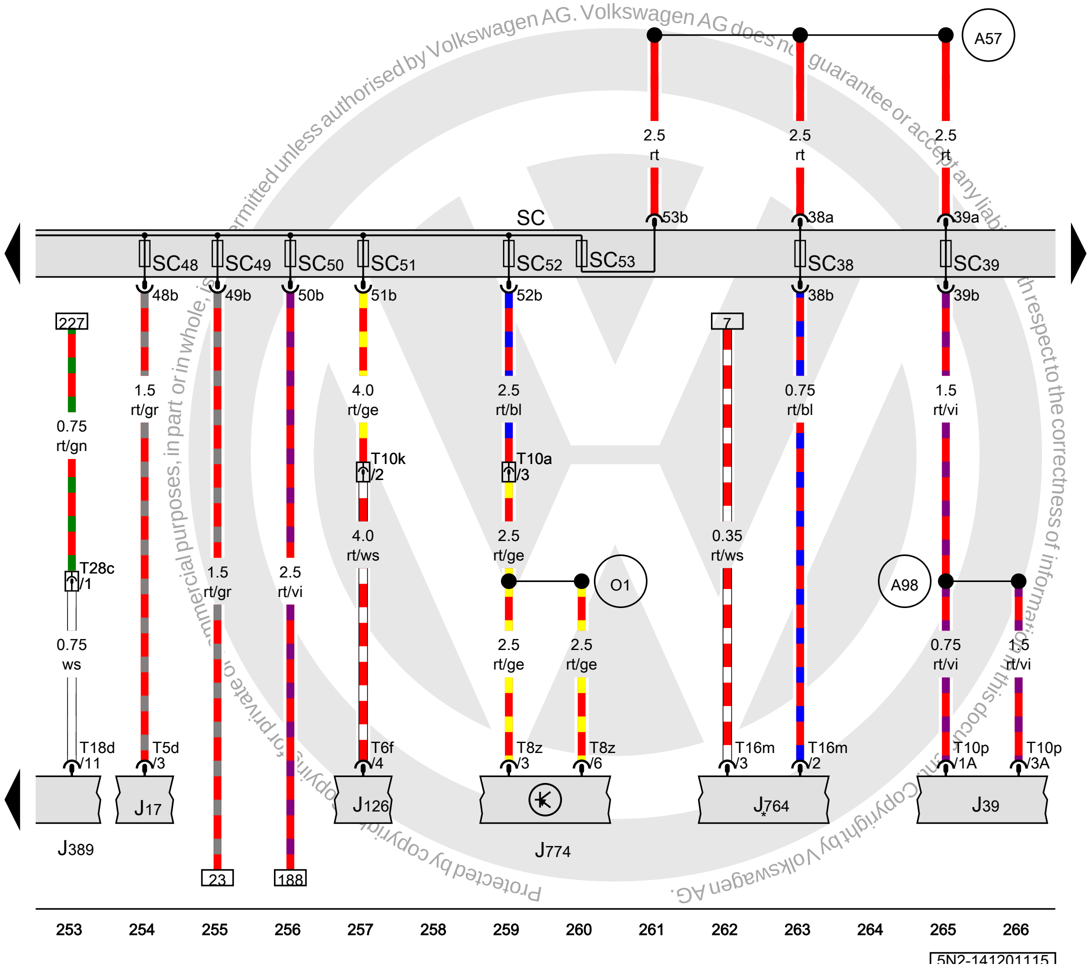
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rs = pink

Fuse holder C

G273	Interior monitoring sensor
J13	Fresh air blower relay
J245	Sliding sunroof adjustment control unit
J386	Driver door control unit
J387	Front passenger door control unit
J388	Rear left door control unit
J389	Rear right door control unit
SC	Fuse holder C
SC24	Fuse 24 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC44	Fuse 44 on fuse holder C
SC45	Fuse 45 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
T4au	4-pin connector
T5j	5-pin connector
T6da	6-pin connector
T16d	16-pin connector
T18c	18-pin connector
T18d	18-pin connector
T20a	20-pin connector
T20b	20-pin connector
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector
A1	Positive connection (30a), in dash panel wiring harness
A62	Connection (window regulators), in dash panel wiring harness
B161	Connection (ATA), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
S25	Positive connection (30a), in central locking wiring harness
*	According to equipment



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Fuse holder C

J17 Fuel pump relay
J39 Headlight washer system relay
J126 Fresh air blower control unit
J389 Rear right door control unit
J764 Control unit for electronic steering column lock
J774 Heated front seats control unit
SC Fuse holder C
SC38 Fuse 38 on fuse holder C
SC39 Fuse 39 on fuse holder C
SC48 Fuse 48 on fuse holder C
SC49 Fuse 49 on fuse holder C
SC50 Fuse 50 on fuse holder C
SC51 Fuse 51 on fuse holder C
SC52 Fuse 52 on fuse holder C
SC53 Fuse 53 on fuse holder C
T5d 5-pin connector
T6f 6-pin connector
T8z 8-pin connector
T10a 10-pin connector
T10k 10-pin connector
T10p 10-pin connector
T16m 16-pin connector
T18d 18-pin connector
T28c 28-pin connector

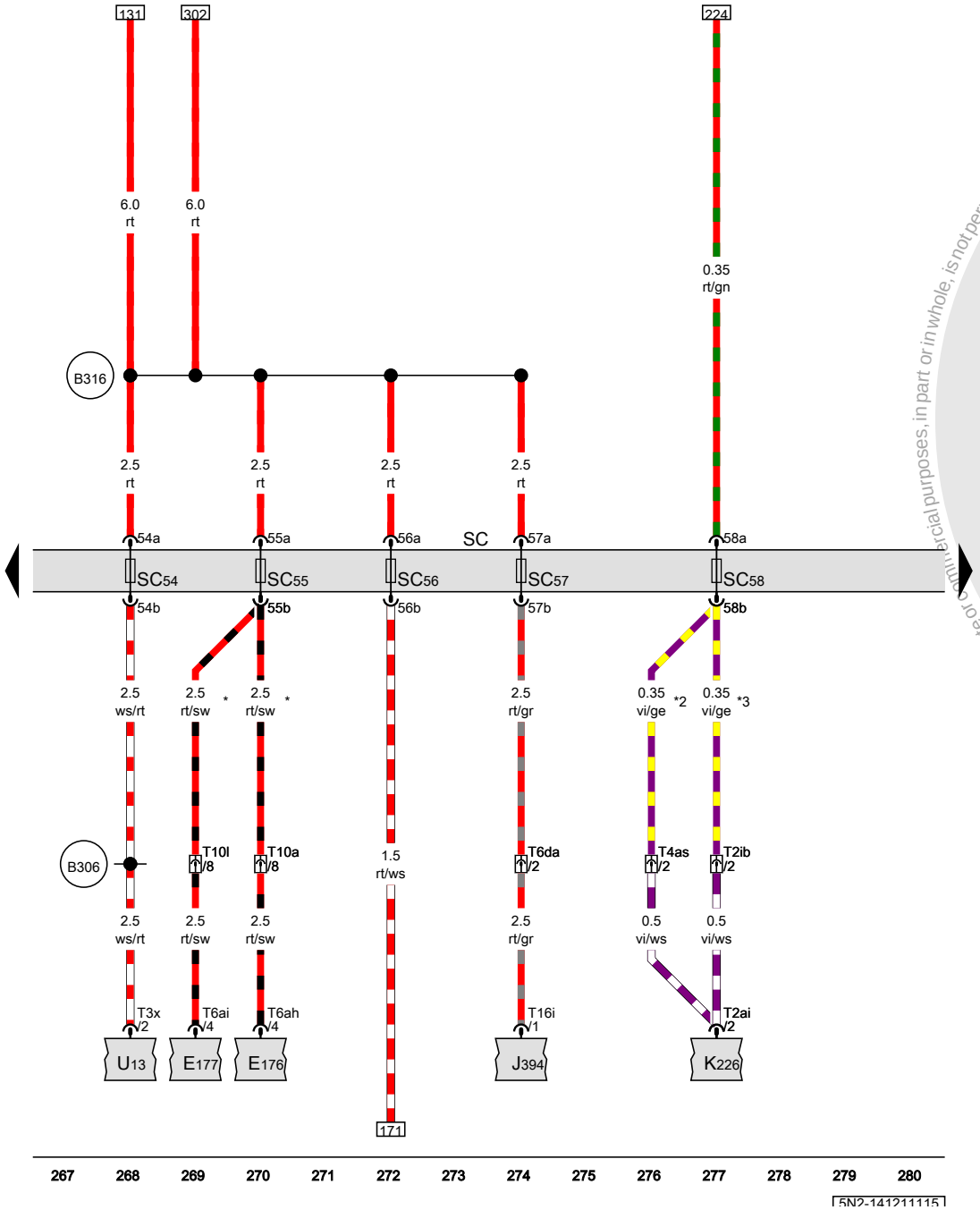
A57 Positive connection 3 (30), in dash panel wiring harness

A98 Positive connection 4 (30), in dash panel wiring harness

O1 Positive connection (30), in seat heating wiring harness

* Only models with entry and start authorisation

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

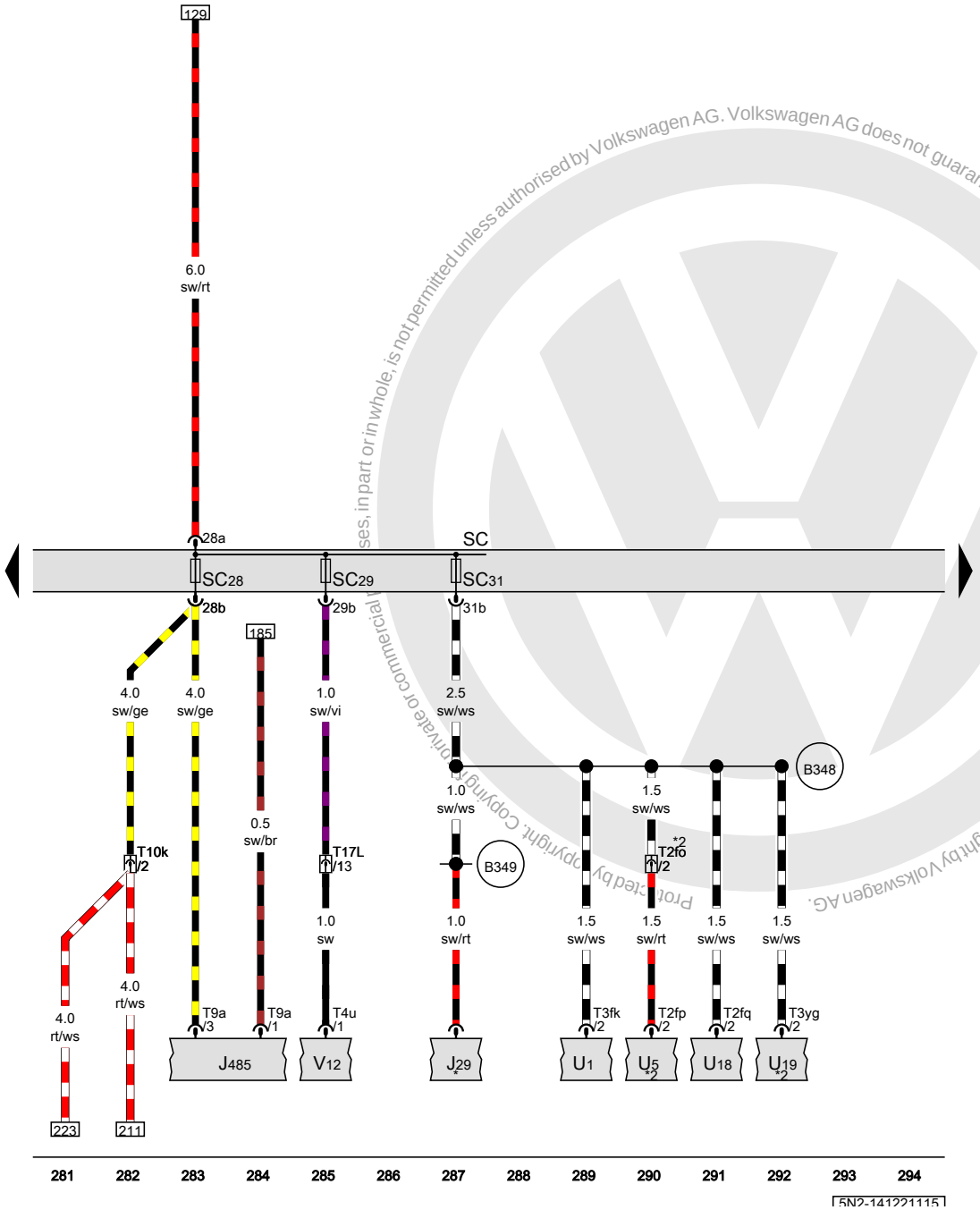


Fuse holder C

E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
J394	Sunroof roller blind control unit
K226	Towing bracket locked warning lamp
SC	Fuse holder C
SC54	Fuse 54 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC56	Fuse 56 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC58	Fuse 58 on fuse holder C
T2ai	2-pin connector
T2ib	2-pin connector
T3x	3-pin connector
T4as	4-pin connector
T6ah	6-pin connector
T6ai	6-pin connector
T6da	6-pin connector
T10a	10-pin connector
T10l	10-pin connector
T16i	16-pin connector
U13	DC/AC converter with socket, 12 V - 230 V
B306	Positive connection 10 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
*	According to equipment
*2	From May 2012
*3	Up to May 2012

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
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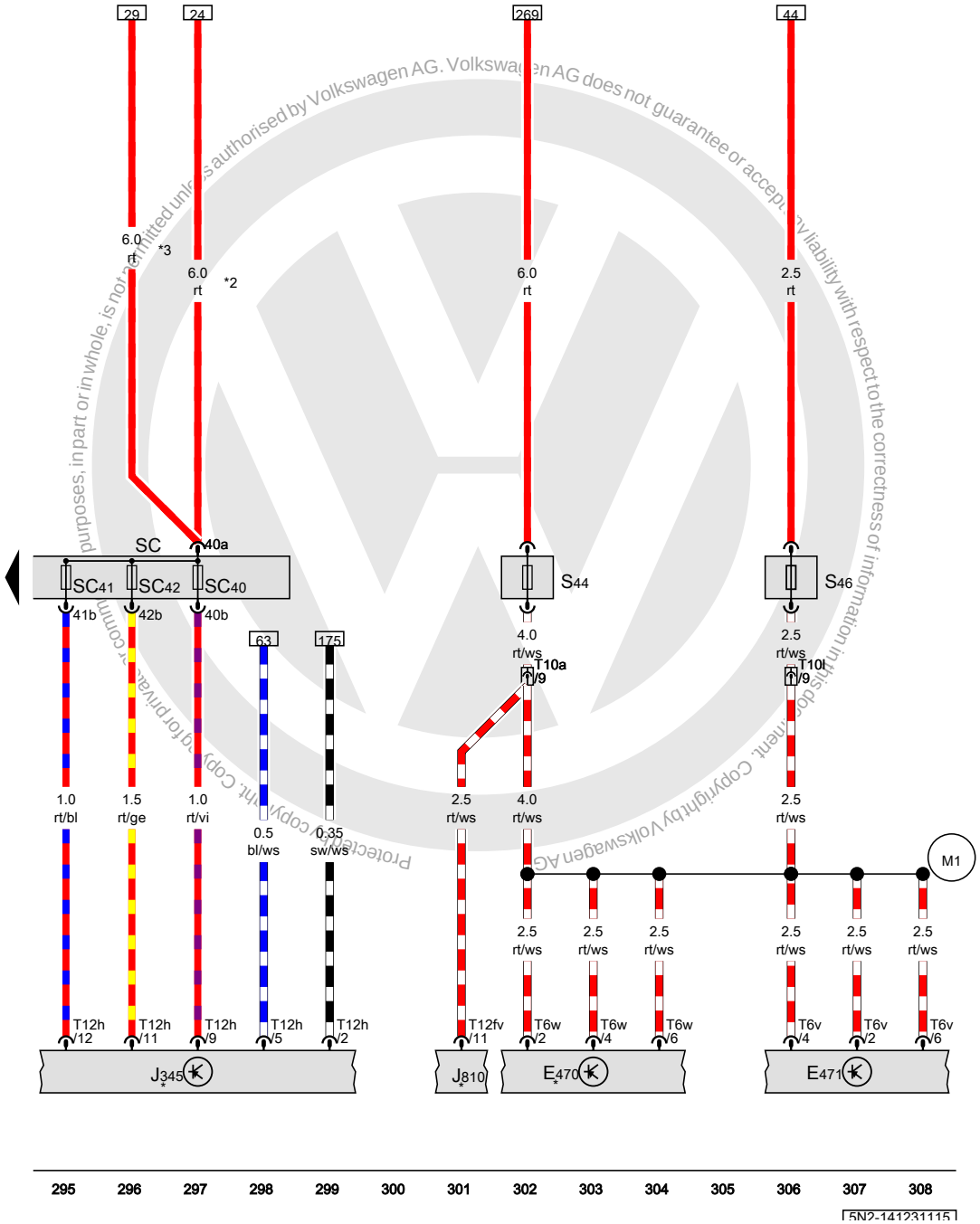


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Fuse holder C

J29	Blocking diode
J485	Auxiliary heater operation relay
SC	Fuse holder C
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC31	Fuse 31 on fuse holder C
T2fo	2-pin connector
T2fp	2-pin connector
T2fq	2-pin connector
T3fk	3-pin connector
T3yg	3-pin connector
T4u	4-pin connector
T9a	9-pin connector
T10k	10-pin connector
T17L	17-pin connector
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
U19	12 V socket 3
V12	Rear window wiper motor
B348	Connection 1 (75a), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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ro = red
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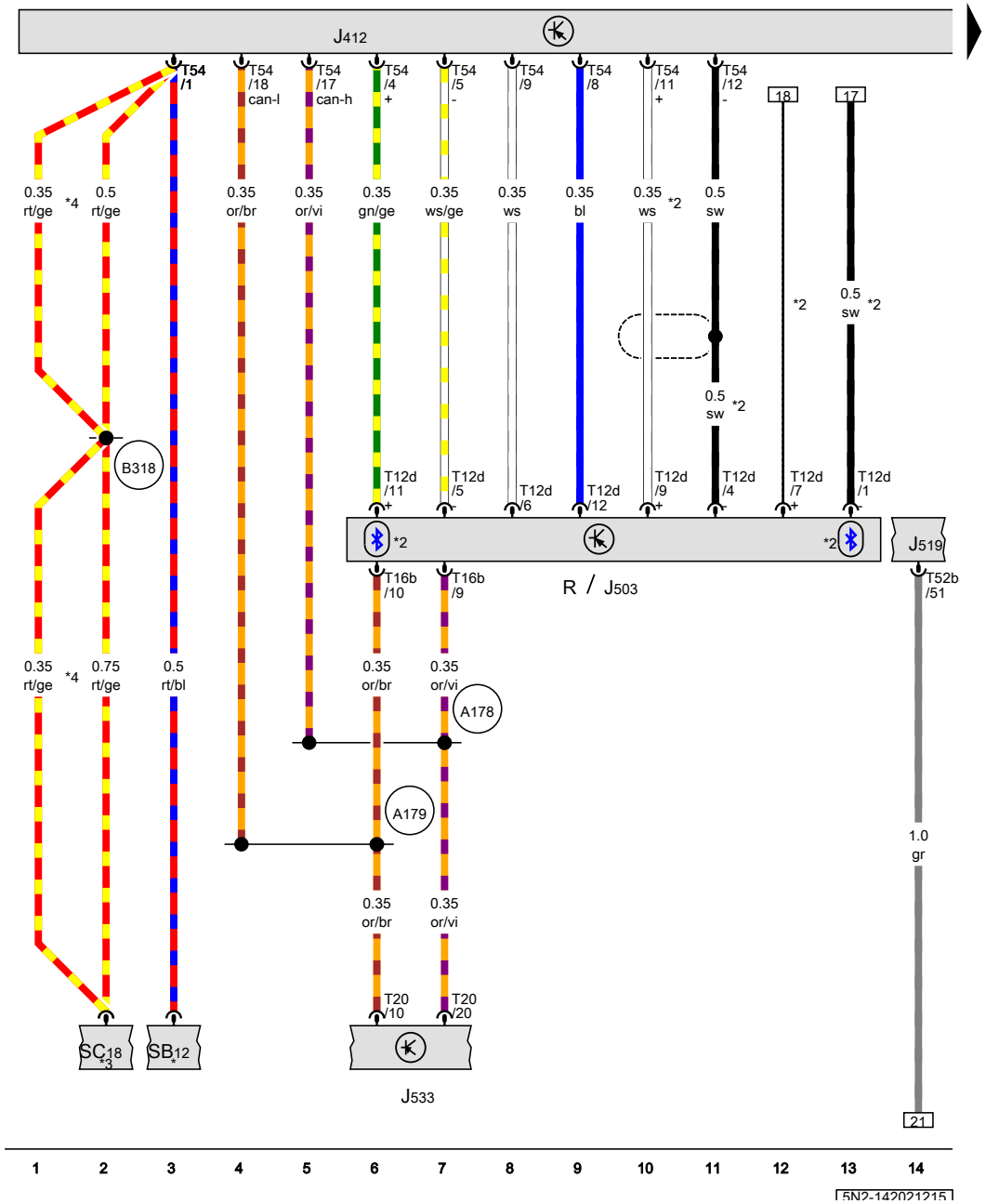
Driver seat adjustment thermal fuse 1, Fuse holder C

E470	Driver seat adjustment operating unit
E471	Front passenger seat adjustment operating unit
J345	Trailer detector control unit
J810	Driver seat adjustment control unit
S44	Driver seat adjustment thermal fuse 1
S46	Front passenger seat adjustment thermal fuse 1
SC	Fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
T6v	6-pin connector
T6w	6-pin connector
T10a	10-pin connector
T10l	10-pin connector
T12fv	12-pin connector
T12h	12-pin connector
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	According to equipment
*2	Up to May 2015
*3	From May 2015

Preparation for mobile telephone , (9ZT),(9ZS),(9ZU),(9W7),(9ZI),(9ZR),(9ZA),(9ZB)

From May 2011

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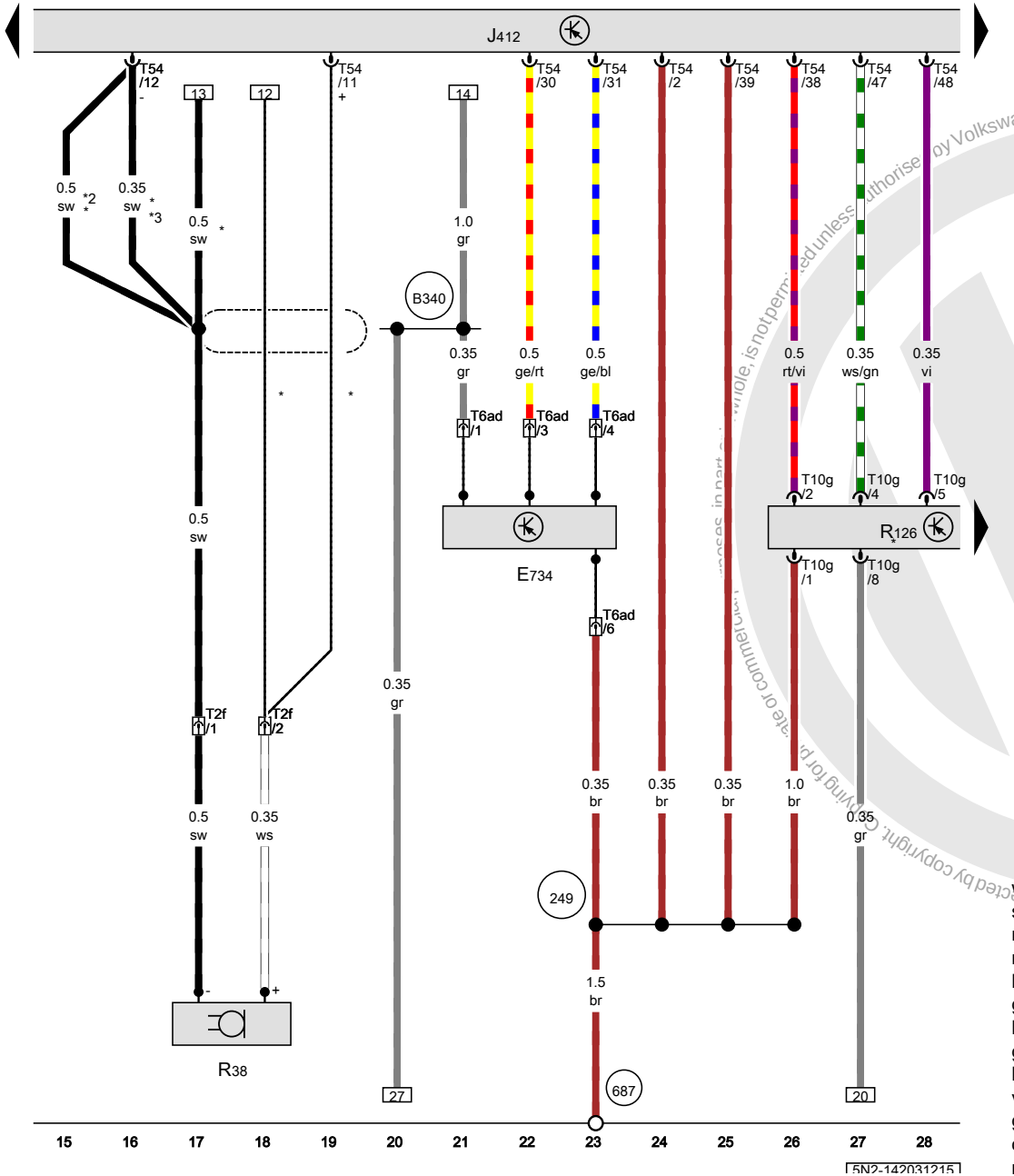


Mobile telephone operating electronics control unit, Control unit with display for radio and navigation, Onboard supply control unit, Radio

J412	Mobile telephone operating electronics control unit
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
J533	Data bus diagnostic interface
R	Radio
SB12	Fuse 12 on fuse holder B
SC18	Fuse 18 on fuse holder C
T12d	12-pin connector
T16b	16-pin connector
T20	20-pin connector
T52b	52-pin connector
T54	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	Only models with no start/stop system
*2	According to equipment
*3	Only models with start/stop system
*4	From November 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
rs	=	pink

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Telematics button module, Mobile telephone operating electronics control unit, Telephone microphone, Telephone bracket

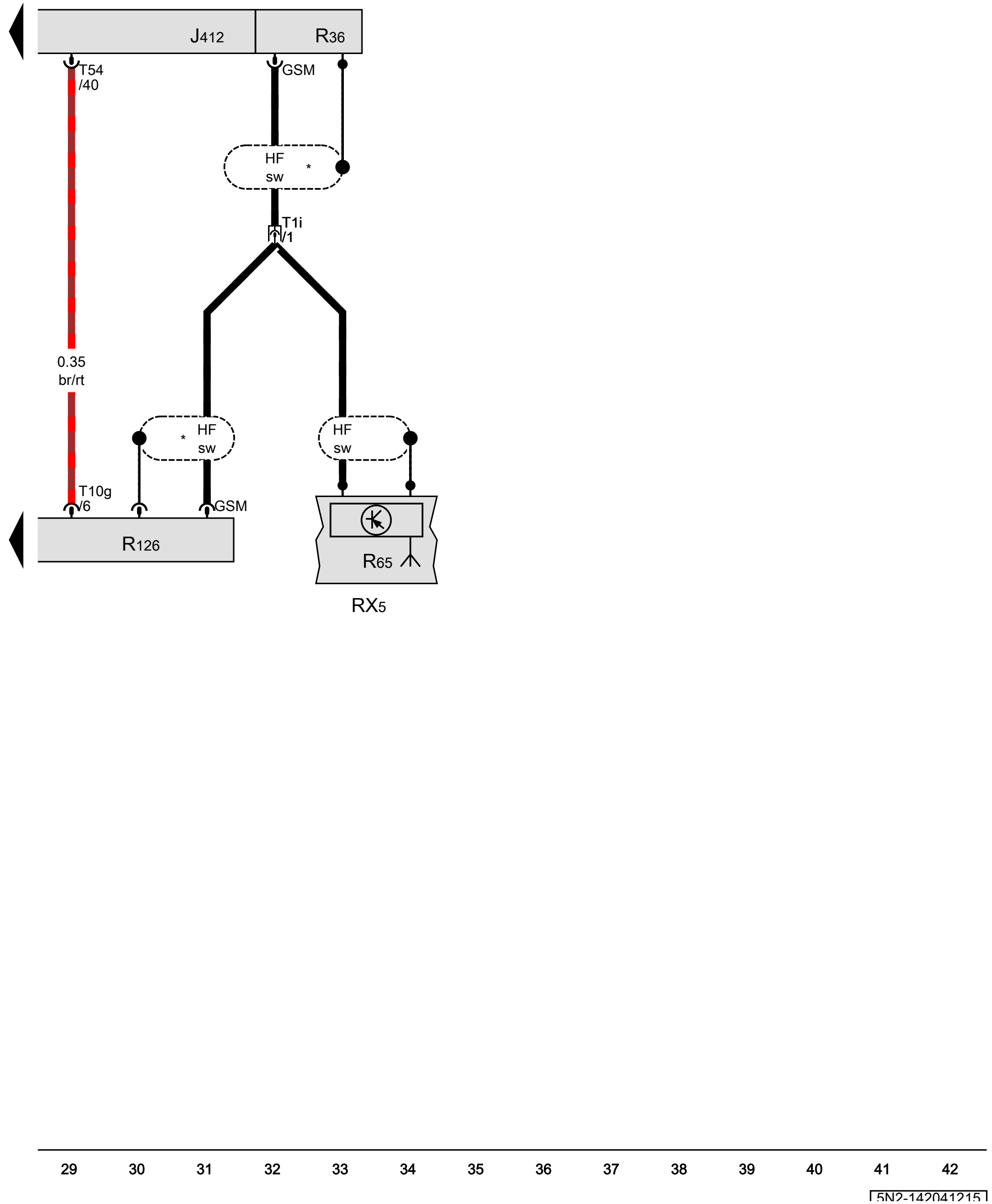
E734	Telematics button module
J412	Mobile telephone operating electronics control unit
R38	Telephone microphone
R126	Telephone bracket
T2f	2-pin connector
T6ad	6-pin connector
T10g	10-pin connector
T54	54-pin connector
249	Earth connection 2, in interior wiring harness
687	Earth point 1, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
*	According to equipment
*2	From May 2014
*3	Up to May 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Mobile telephone operating electronics control unit, Telephone aerial, Telephone bracket

J412	Mobile telephone operating electronics control unit
RX5	Roof aerial
R36	Telephone transmitter and receiver unit
R65	Telephone aerial
R126	Telephone bracket
T1i	Single connector
T10g	10-pin connector
T54	54-pin connector
*	According to equipment



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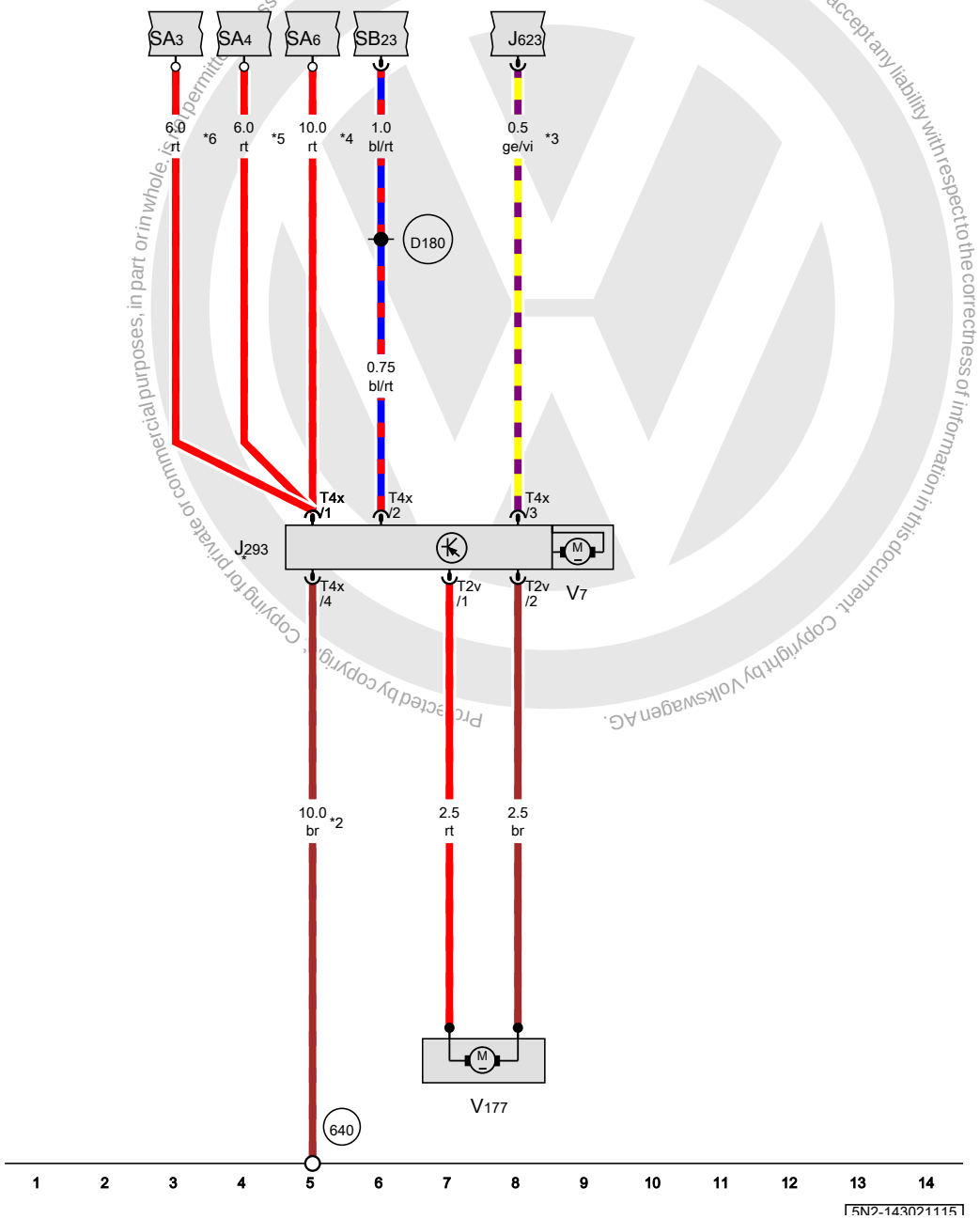
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Radiator fan

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Radiator fan control unit, Fuse 4 in fuse holder A, Radiator fan, Radiator fan 2

J293	Radiator fan control unit
J623	Engine control unit
SA3	Fuse 3 in fuse holder A
SA4	Fuse 4 in fuse holder A
SA6	Fuse 6 in fuse holder A
SB23	Fuse 23 on fuse holder B
T2v	2-pin connector, black
T4x	4-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
640	Earth point 2, left in engine compartment
D180	Connection (87a), in engine compartment wiring harness
*	Pre-wired component
*2	Cross-section 6.0 possible
*3	see applicable current flow diagram for engine
*4	According to equipment
*5	Up to May 2015
*6	From May 2015

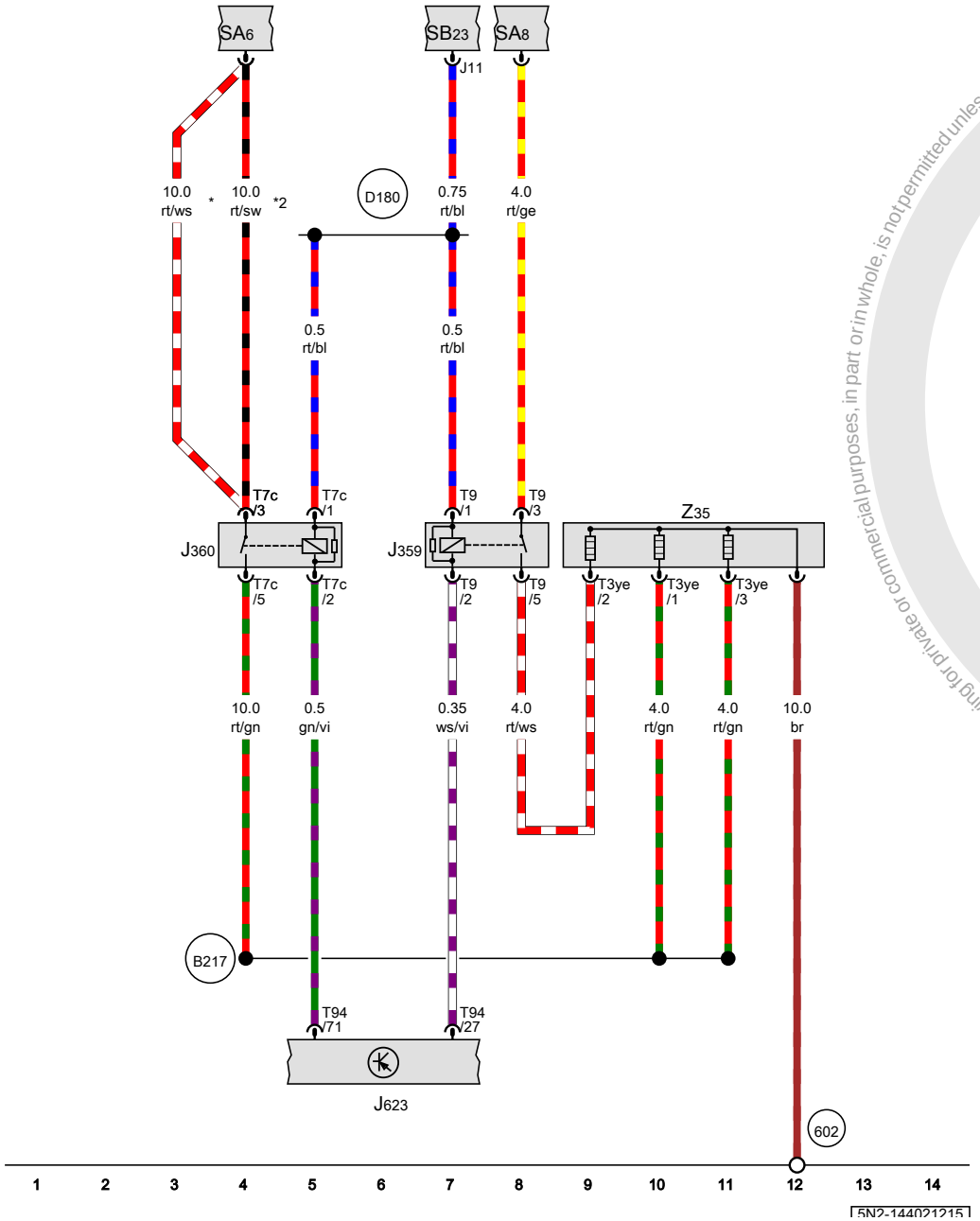
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or	=	orange
rs	=	pink

Auxiliary air heater (PTC) , (7E6)

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Low heat output relay, High heat output relay, Auxiliary air heater element



J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
SA6	Fuse 6 in fuse holder A
SA8	Fuse 8 in fuse holder A
SB23	Fuse 23 on fuse holder B
T3ye	3-pin connector
T7c	7-pin connector
T9	9-pin connector
T94	94-pin connector
Z35	Auxiliary air heater element
602	Earth point, in front left footwell
B217	Connection (auxiliary heater), in interior wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	From November 2012
*2	Up to November 2012

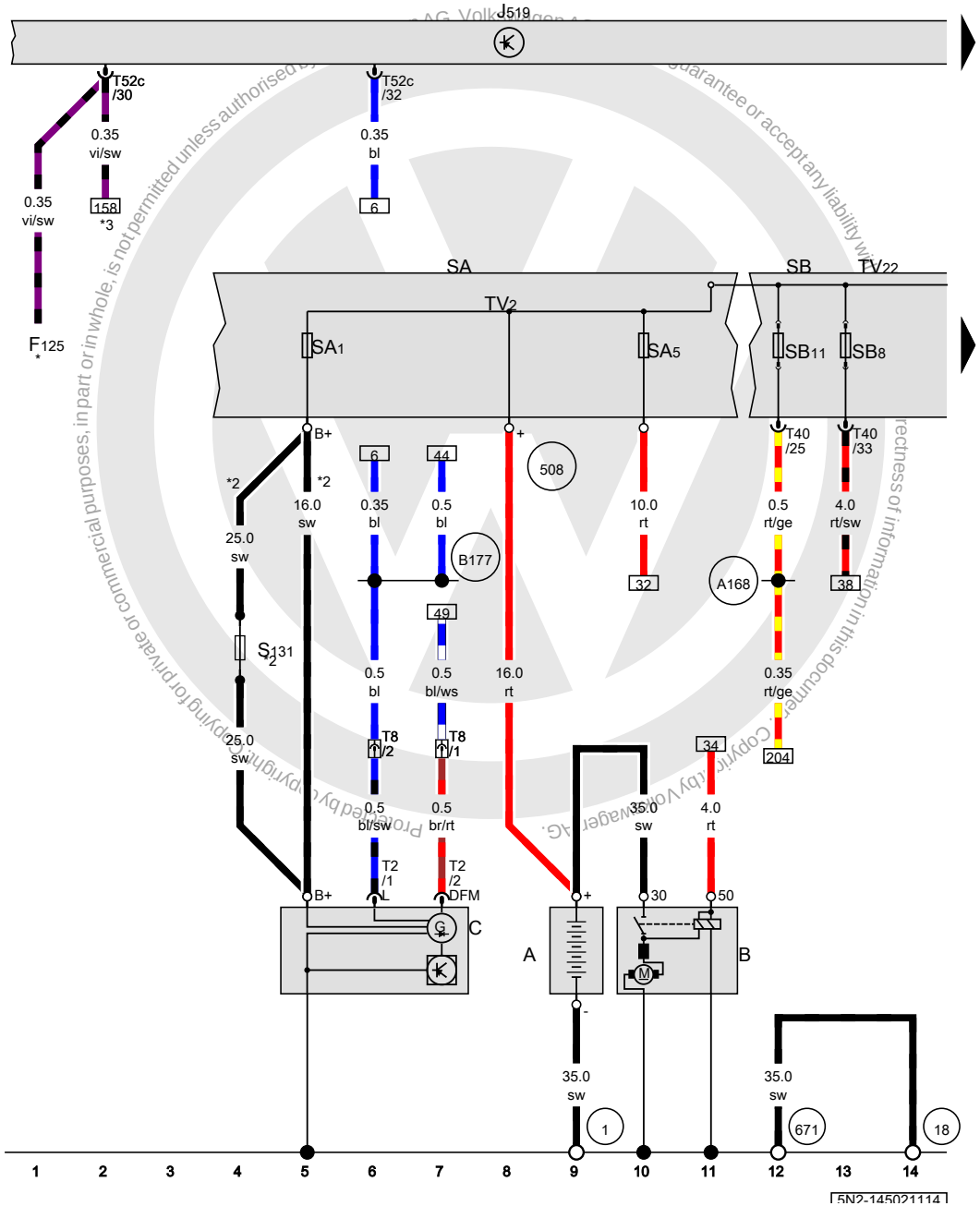
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2.0l diesel engine , CFFA,CFFB,CFGB,CLJA

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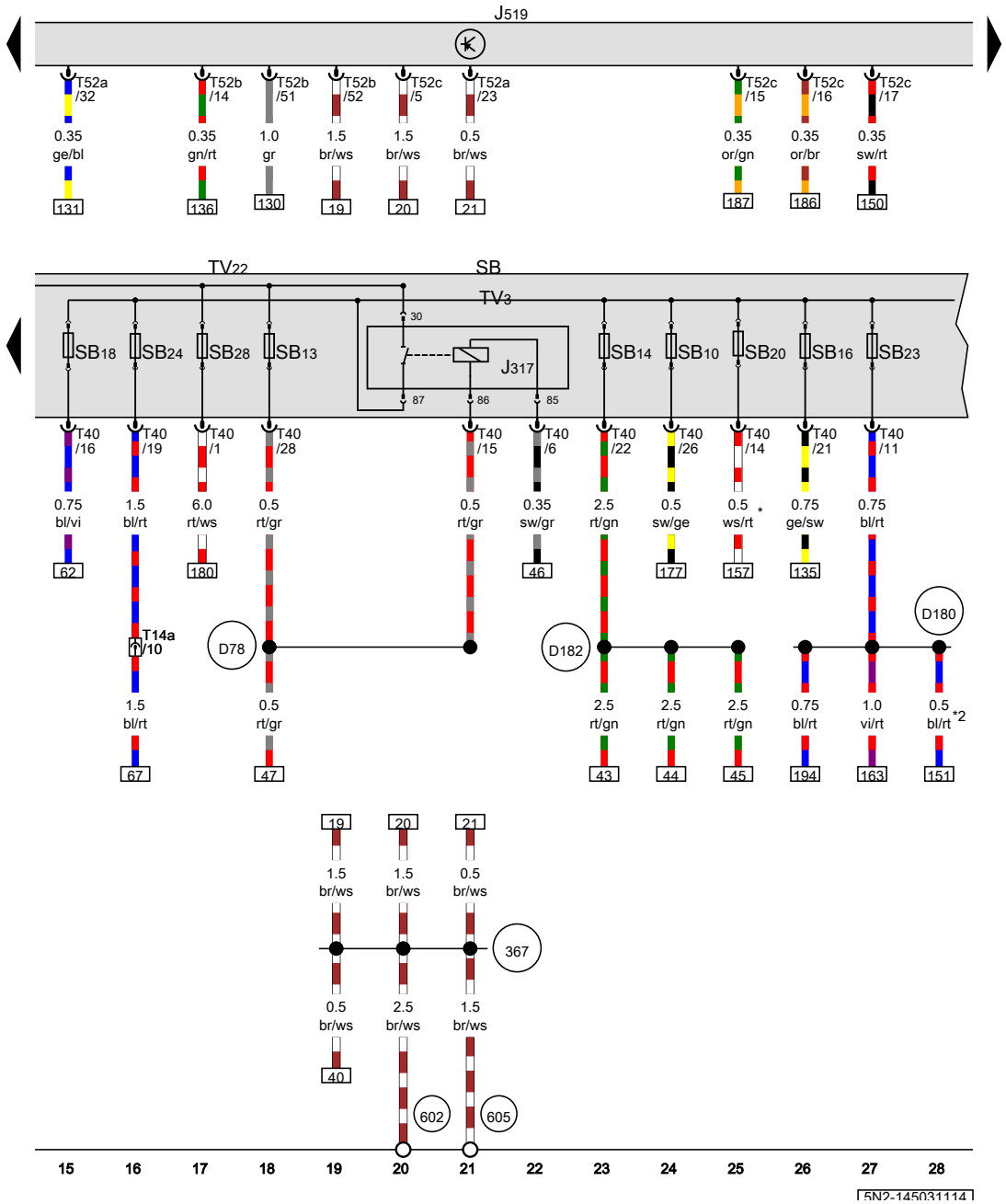


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, Starter, Alternator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB8	Fuse 8 on fuse holder B
SB11	Fuse 11 on fuse holder B
S131	Fuse 1, in alternator wire
T2	2-pin connector
T8	8-pin connector
T40	40-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
18	Earth point, on cylinder block
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
A168	Positive connection 4 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	Only models with automatic gearbox
*2	According to equipment
*3	Only models with manual gearbox

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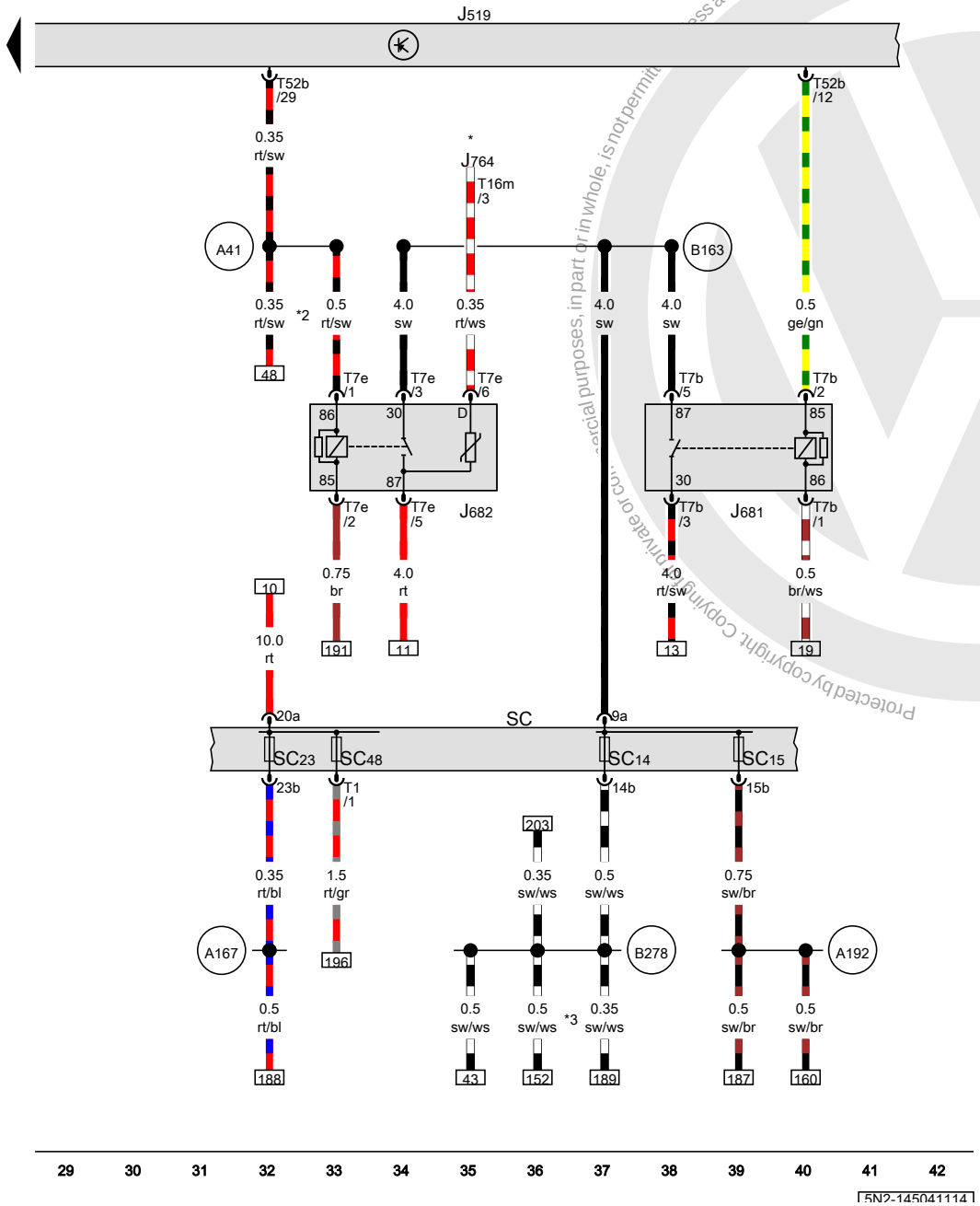
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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
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or = orange
rs = pink

Terminal 30 voltage supply relay, Onboard supply control unit

J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
SB28	Fuse 28 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
D78	Positive connection 1 (30a), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	Only models with manual gearbox
*2	From November 2011

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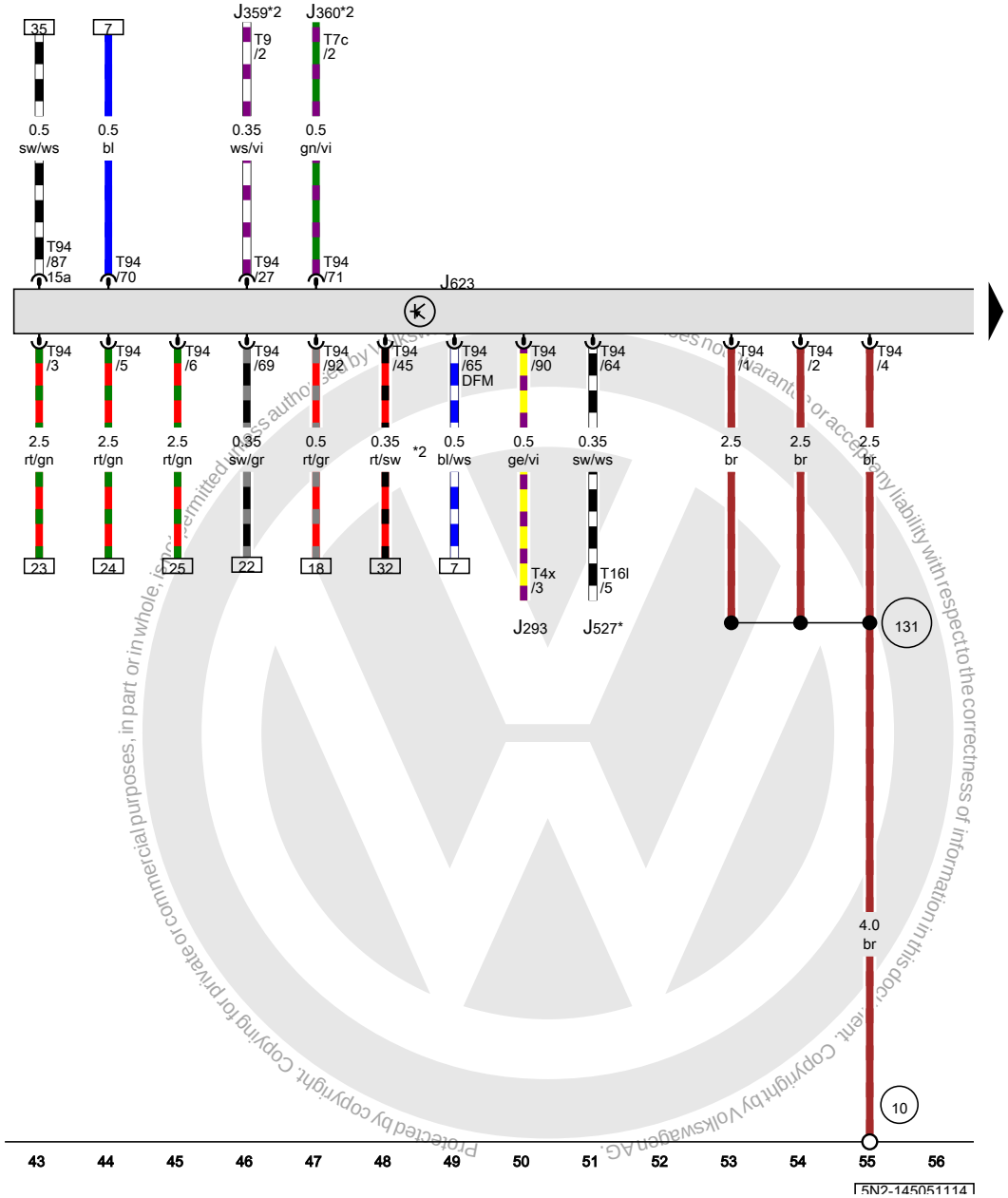
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Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C

J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
J764	Control unit for electronic steering column lock
SC	Fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC48	Fuse 48 on fuse holder C
T1	Single connector
T7b	7-pin connector
T7e	7-pin connector
T16m	16-pin connector
T52b	52-pin connector
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Only models with entry and start authorisation
*2	According to equipment
*3	Up to November 2011

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ro	=	red
rt	=	red
br	=	brown
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li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink



Engine control unit

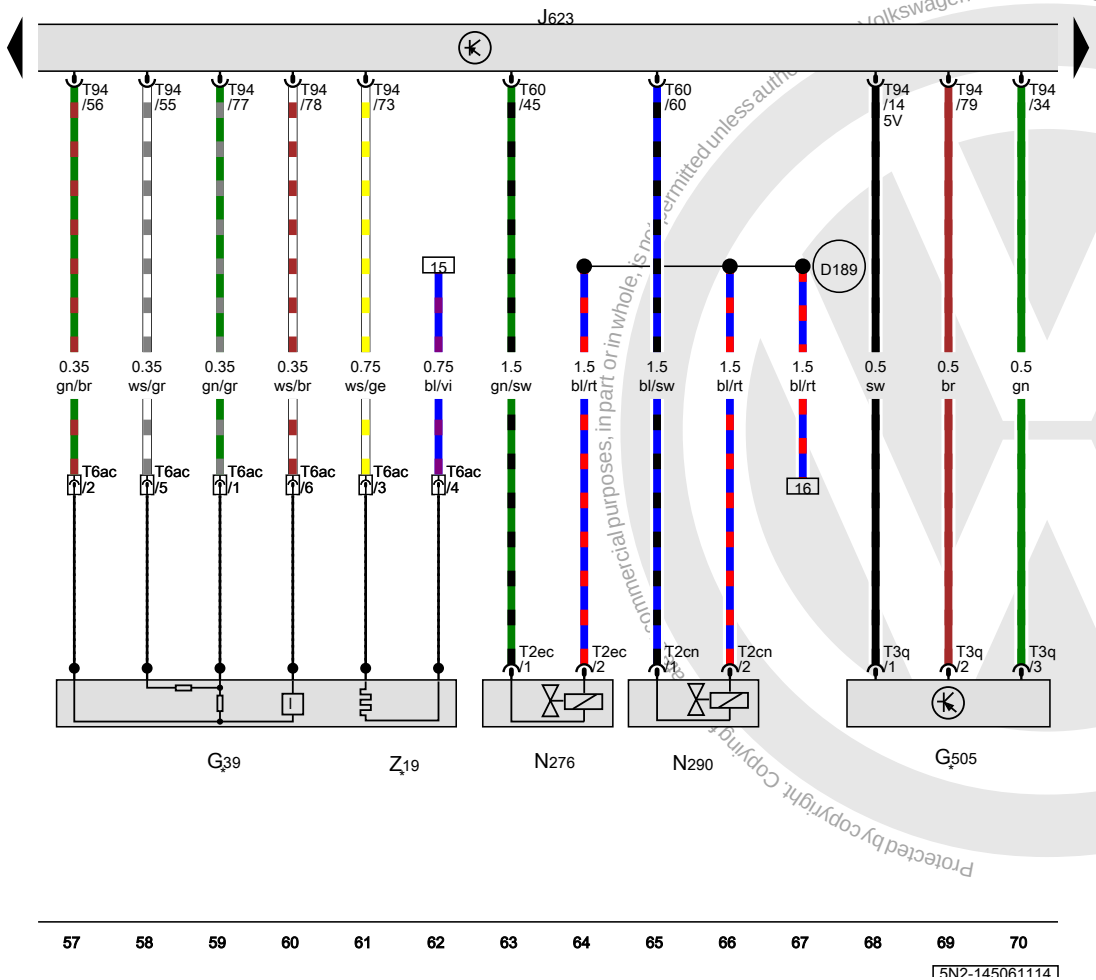
J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J527	Steering column electronics control unit
J623	Engine control unit
T4x	4-pin connector
T7c	7-pin connector
T9	9-pin connector
T16l	16-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)
*2	According to equipment

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ro	=	red
rt	=	red
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gn	=	green
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Lambda probe, Pressure differential sender, Engine control unit, Fuel pressure regulating valve, Fuel metering valve

G39	Lambda probe
G505	Pressure differential sender
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2cn	2-pin connector
T2ec	2-pin connector
T3q	3-pin connector
T6ac	6-pin connector
T60	60-pin connector
T94	94-pin connector
Z19	Lambda probe heater
(D189)	Connection (87a) in engine prewiring harness
*	According to equipment

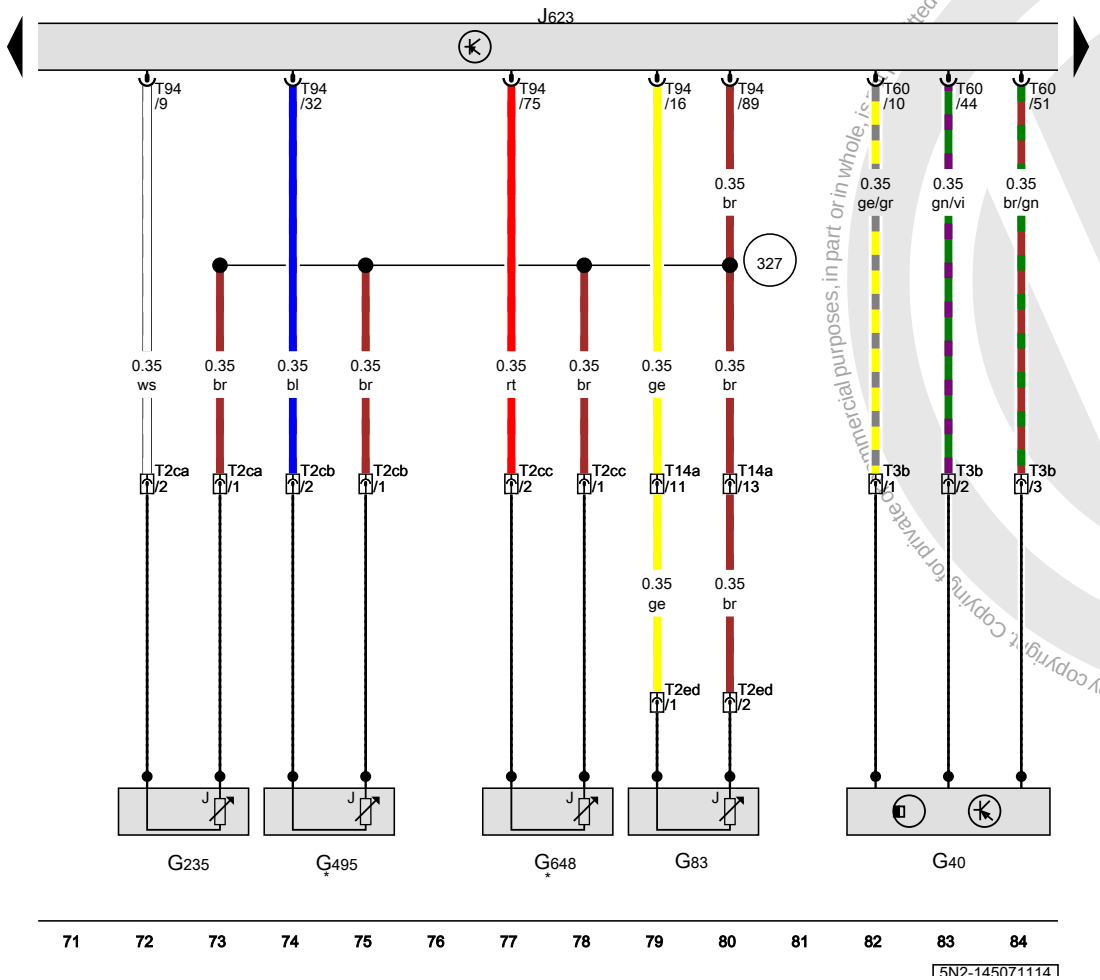


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Hall sender, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G40	Hall sender
G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T2ca	2-pin connector
T2cb	2-pin connector
T2cc	2-pin connector
T2ed	2-pin connector
T3b	3-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
*	According to equipment

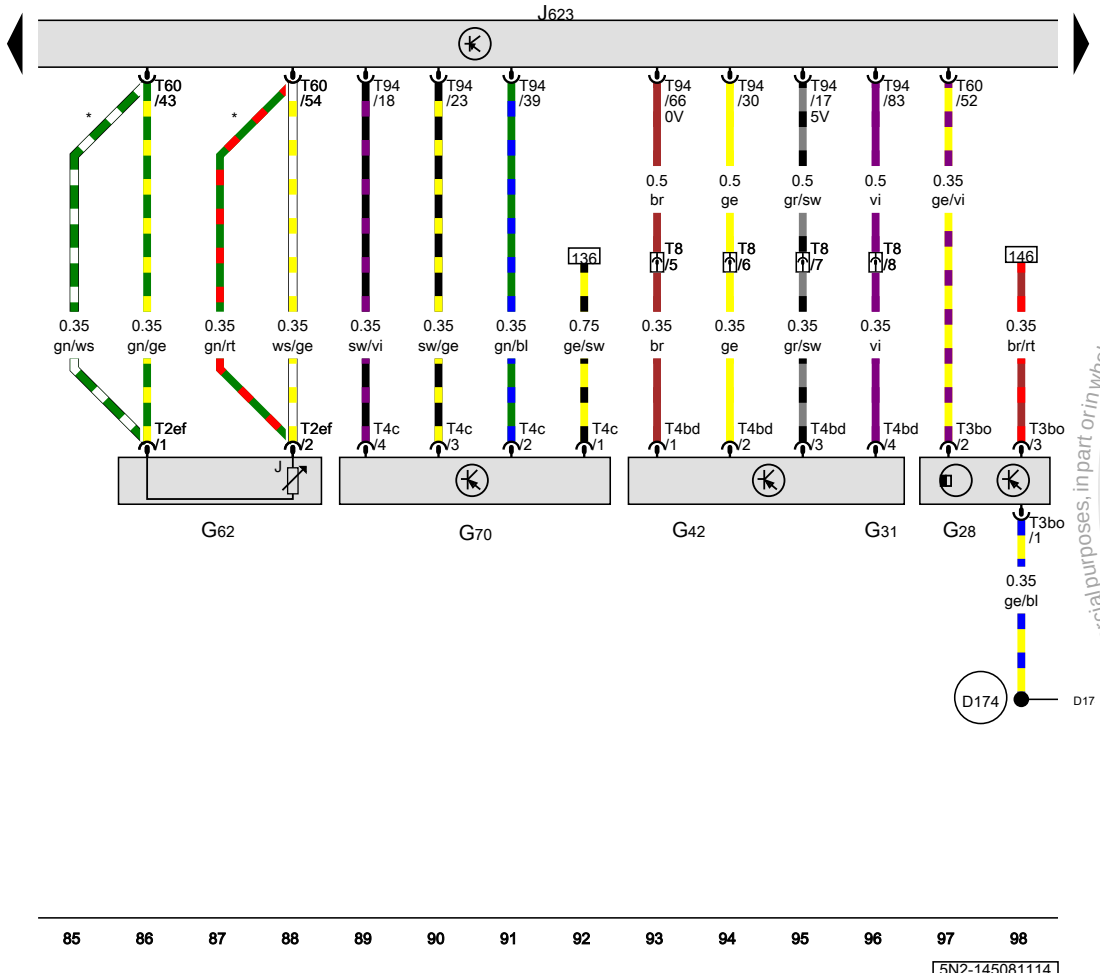


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Engine speed sender, Charge pressure sender, Intake air temperature sender, Coolant temperature sender, Air mass meter, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G70	Air mass meter
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T4bd	4-pin connector
T4c	4-pin connector
T8	8-pin connector
T60	60-pin connector
T94	94-pin connector
D174	Connection 2 (5V) in engine prewiring harness
*	According to equipment

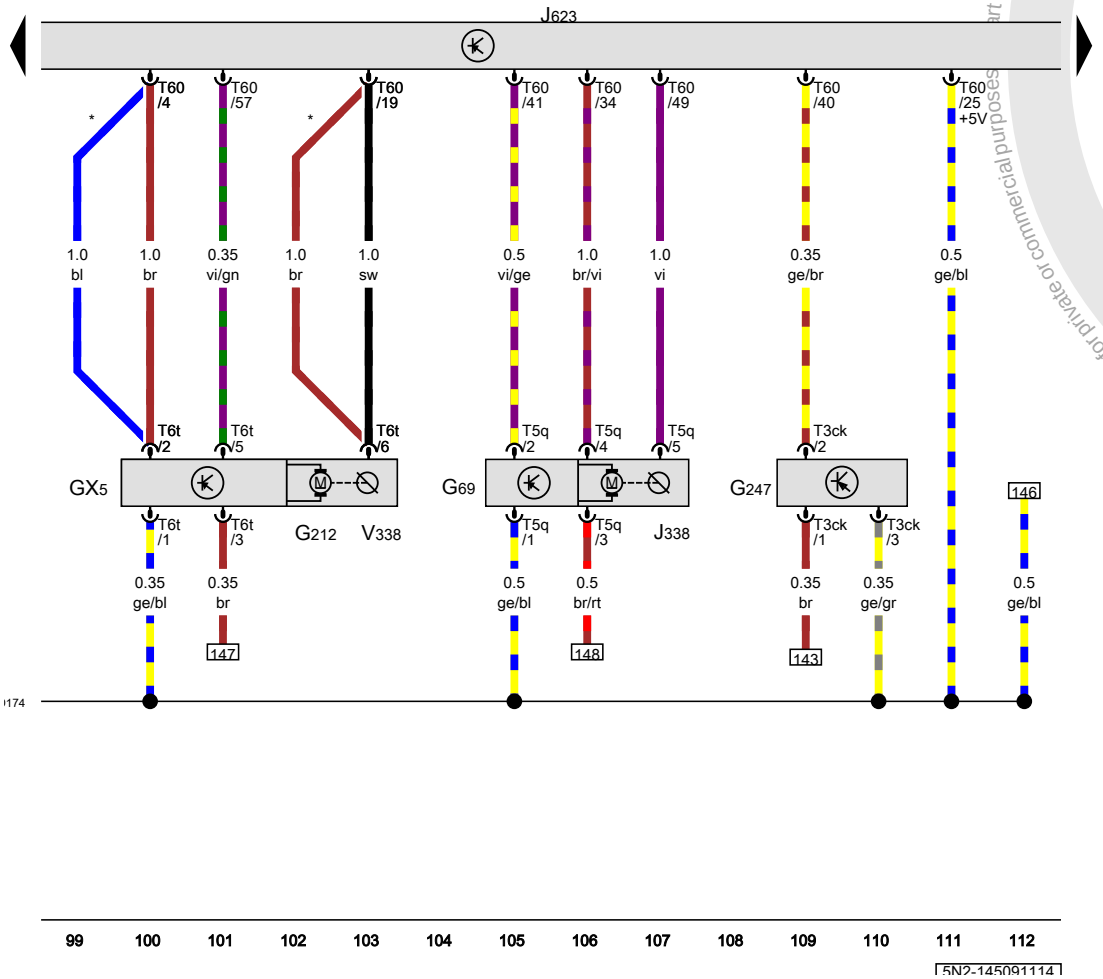


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Exhaust gas recirculation valve 1, Throttle valve potentiometer, Fuel pressure sender, Engine control unit

GX5	Exhaust gas recirculation valve 1
G69	Throttle valve potentiometer
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine control unit
T3ck	3-pin connector
T5q	5-pin connector
T6t	6-pin connector
T60	60-pin connector
V338	Exhaust gas recirculation control motor
D174	Connection 2 (5V) in engine prewiring harness
*	According to equipment

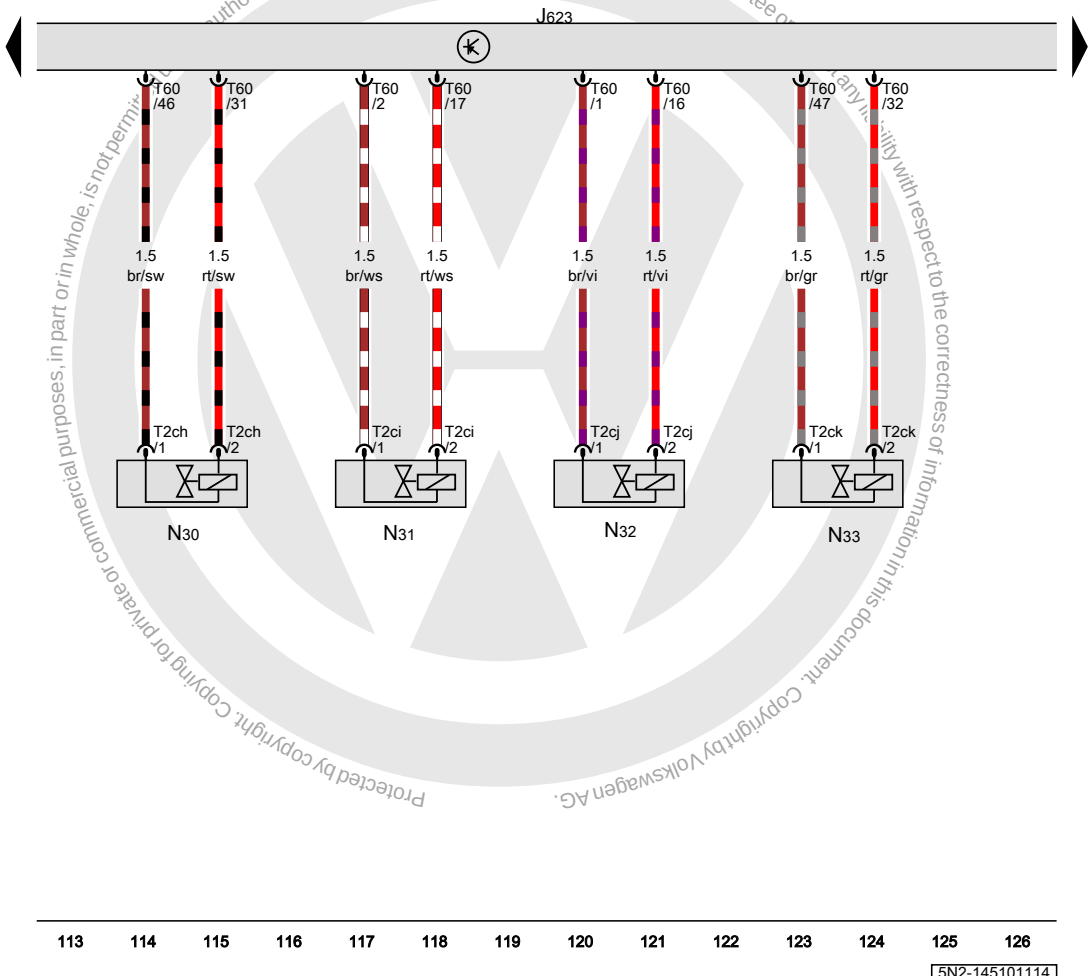


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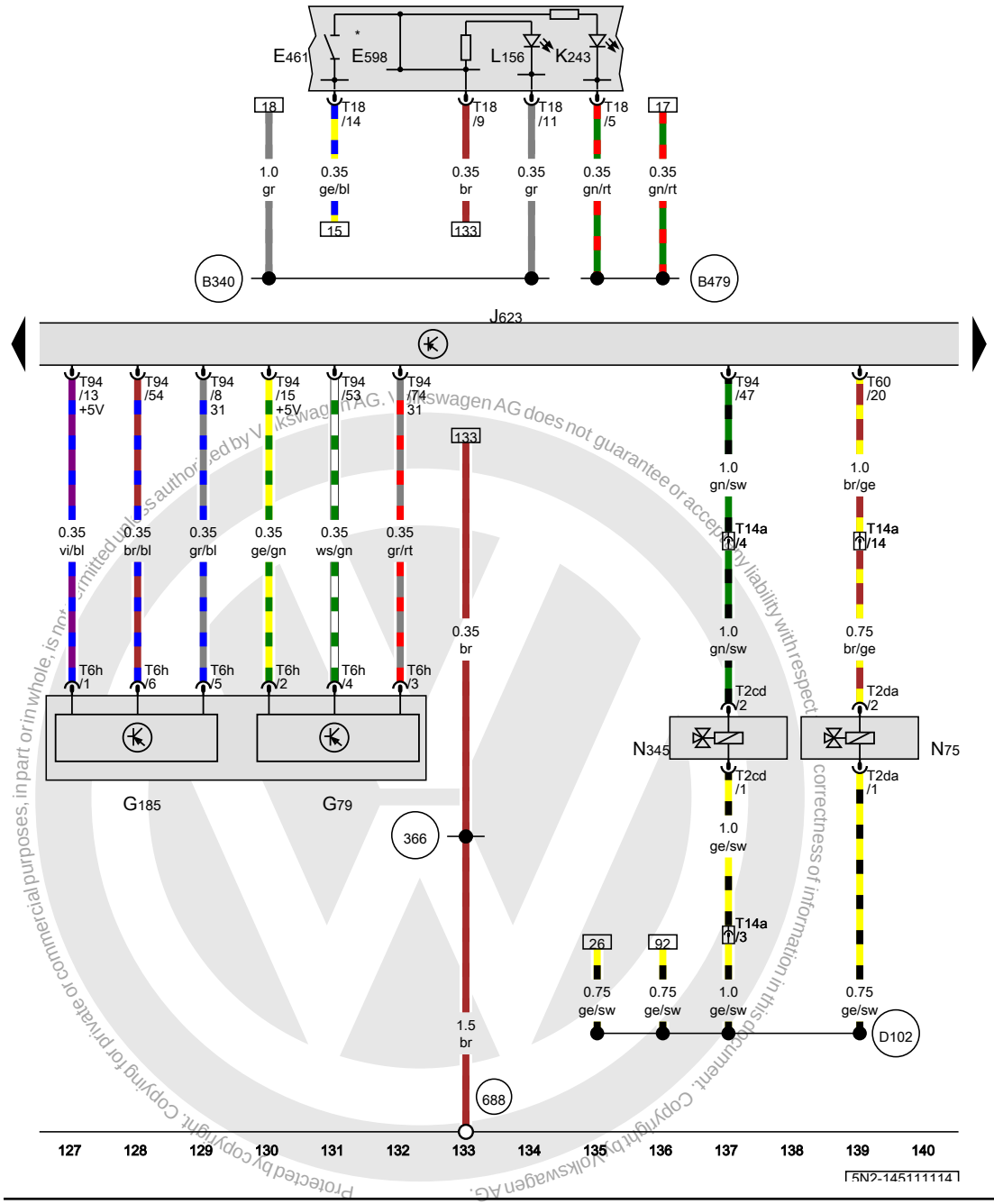
Engine control unit, Injector, cylinder 1

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T60	60-pin connector



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Operating unit in front of centre console, Driving program button, Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

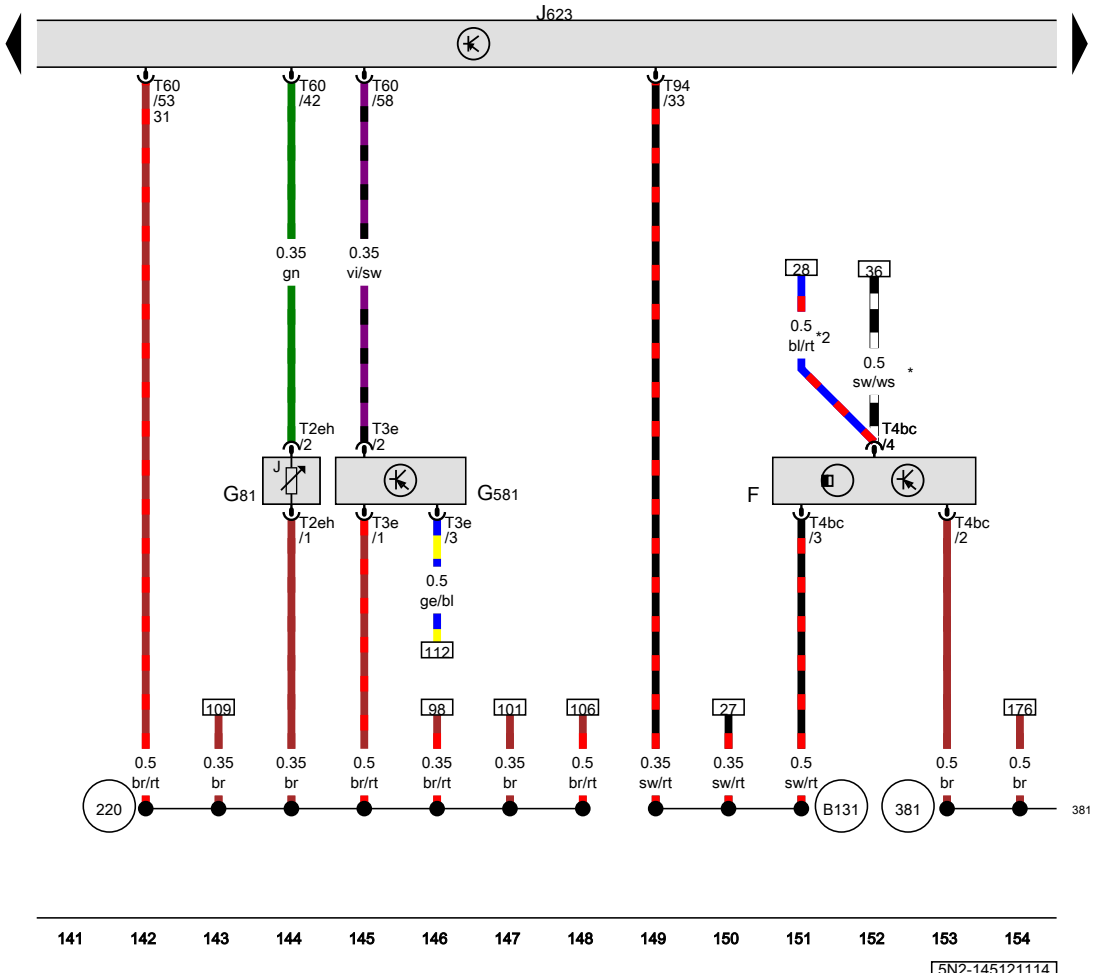
E461	Operating unit in front of centre console
E598	Driving program button
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T2cd	2-pin connector
T2da	2-pin connector
T6h	6-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
B479	Connection 15, in main wiring harness
D102	Connection 2 in engine compartment wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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Brake light switch, Fuel temperature sender, Position sender for charge pressure positioner, Engine control unit

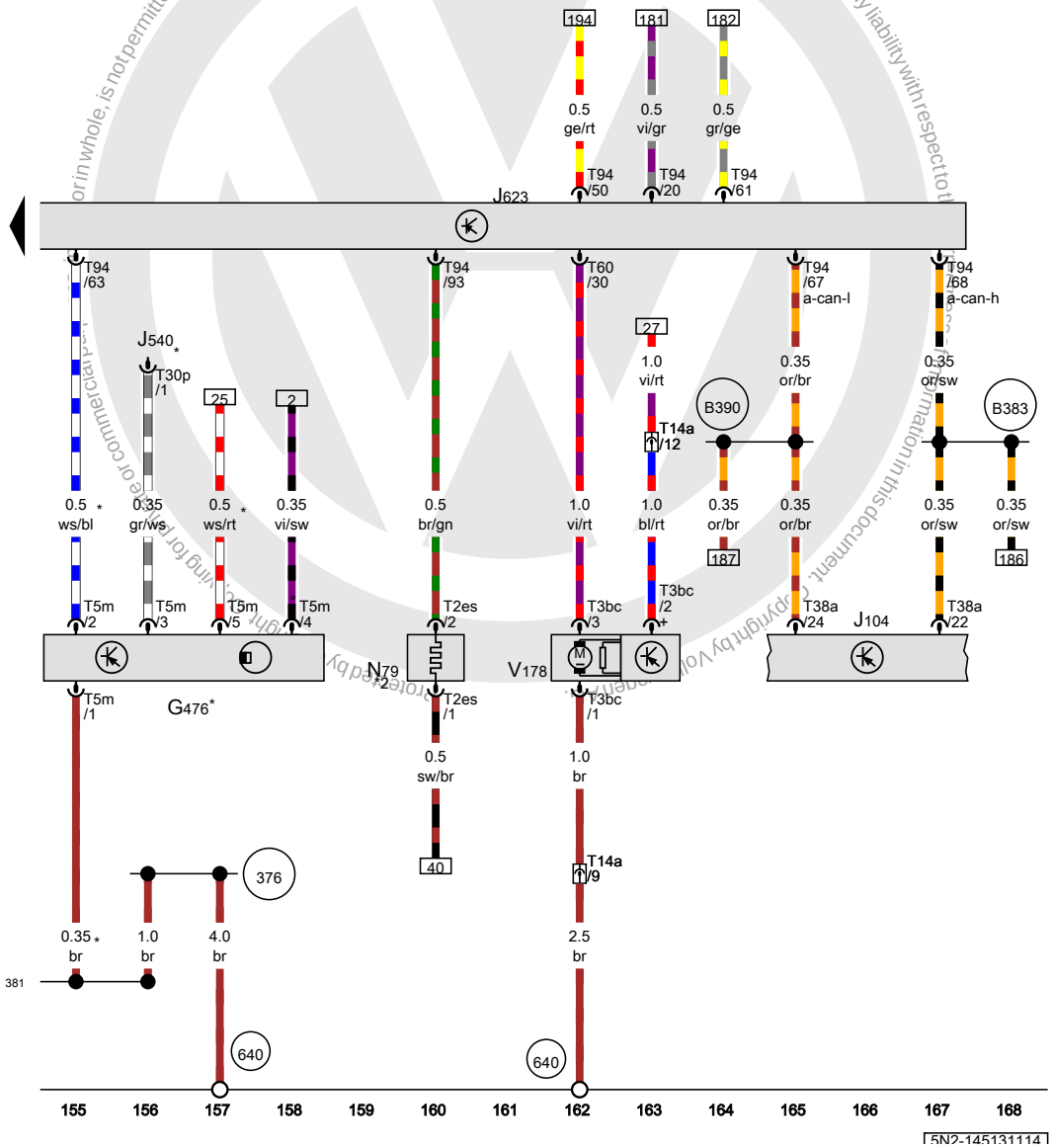
F	Brake light switch
G81	Fuel temperature sender
G581	Position sender for charge pressure positioner
J623	Engine control unit
T2eh	2-pin connector
T3e	3-pin connector
T4bc	4-pin connector
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness
*	Up to November 2011
*2	From November 2011



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sw	=	black
ro	=	red
rt	=	red
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rs	=	pink

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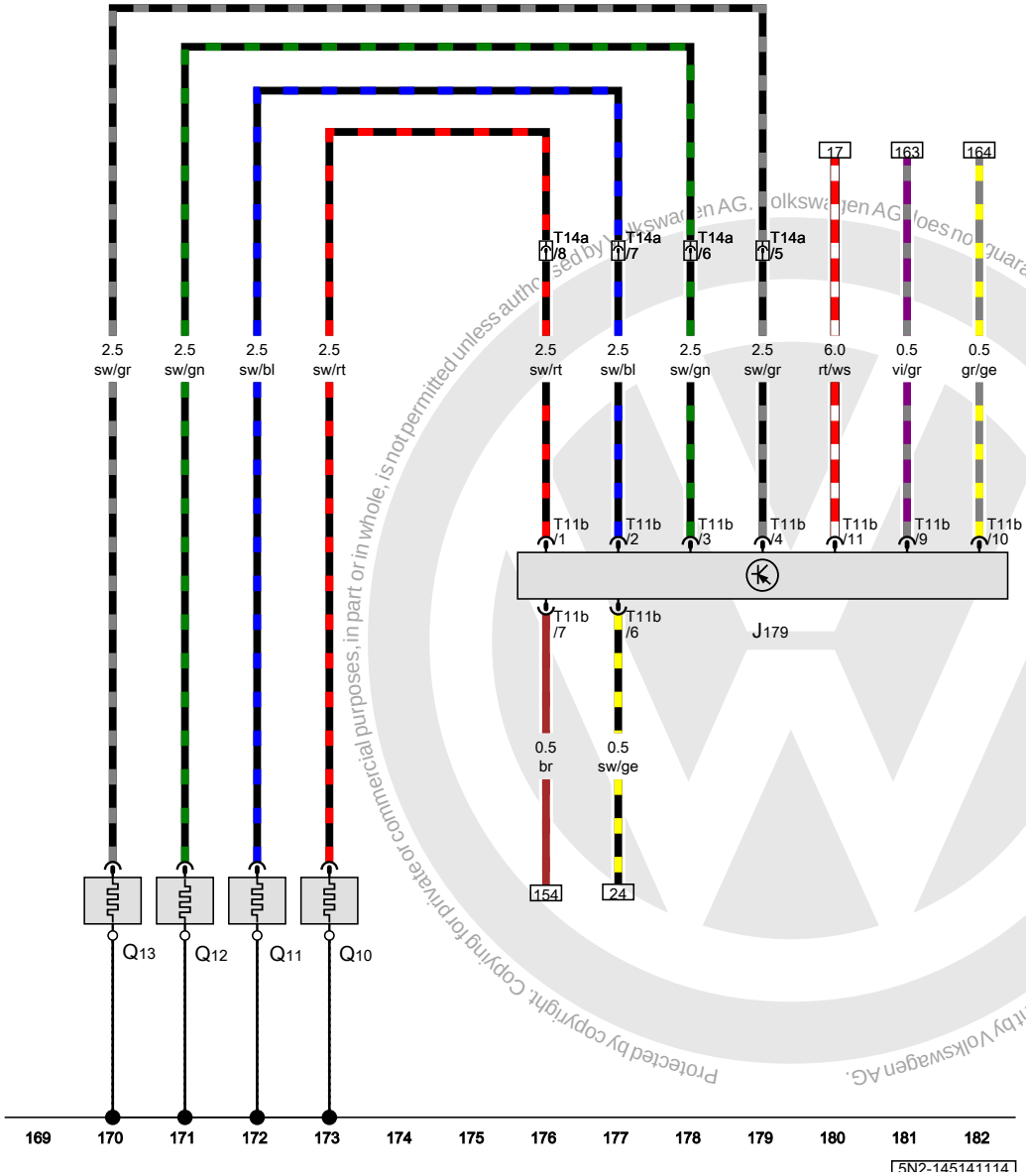
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Clutch position sender, Engine control unit, Heater element for crankcase breather, Coolant circulation pump 2

G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
N79	Heater element for crankcase breather
T2es	2-pin connector
T3bc	3-pin connector
T5m	5-pin connector
T14a	14-pin connector
T30p	30-pin connector
T38a	38-pin connector
T60	60-pin connector
T94	94-pin connector
V178	Coolant circulation pump 2
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only for countries with cold climate

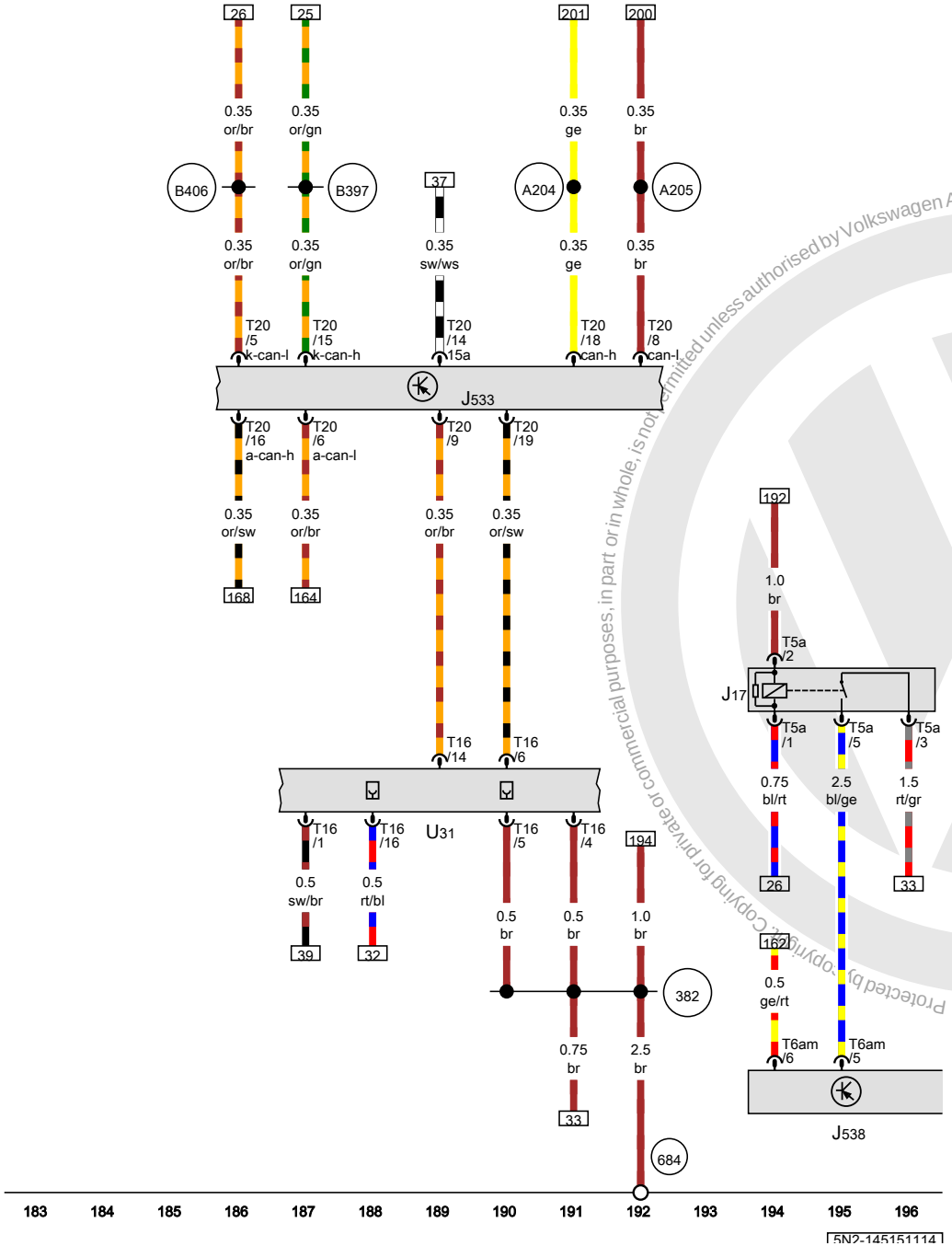
Automatic glow period control unit, Glow plug 1

J179	Automatic glow period control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T11b	11-pin connector
T14a	14-pin connector



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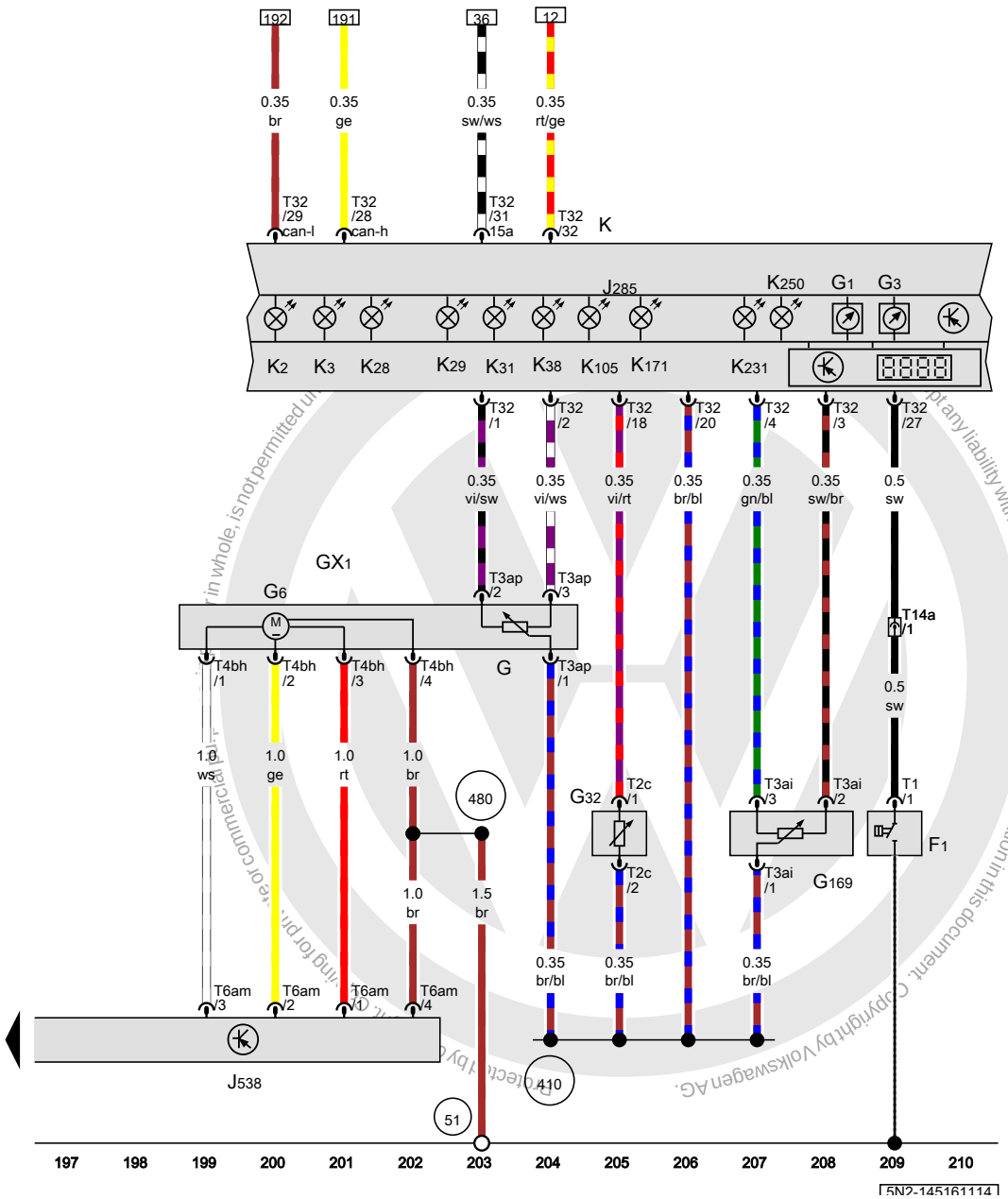


Data bus diagnostic interface, Fuel pump control unit, Diagnostic connection

J17	Fuel pump relay
J533	Data bus diagnostic interface
J538	Fuel pump control unit
T5a	5-pin connector
T6am	6-pin connector
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

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rt	=	red
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gn	=	green
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Oil pressure switch, Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Fuel pump control unit, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
GX1	Fuel delivery unit
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
K171	Bonnet open warning lamp
K231	Diesel particulate filter warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T2c	2-pin connector
T3ai	3-pin connector
T3ap	3-pin connector
T4bh	4-pin connector
T6am	6-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
410	Earth connection 1 (sender earth) in main wiring harness
480	Earth connection, in fuel tank wiring harness

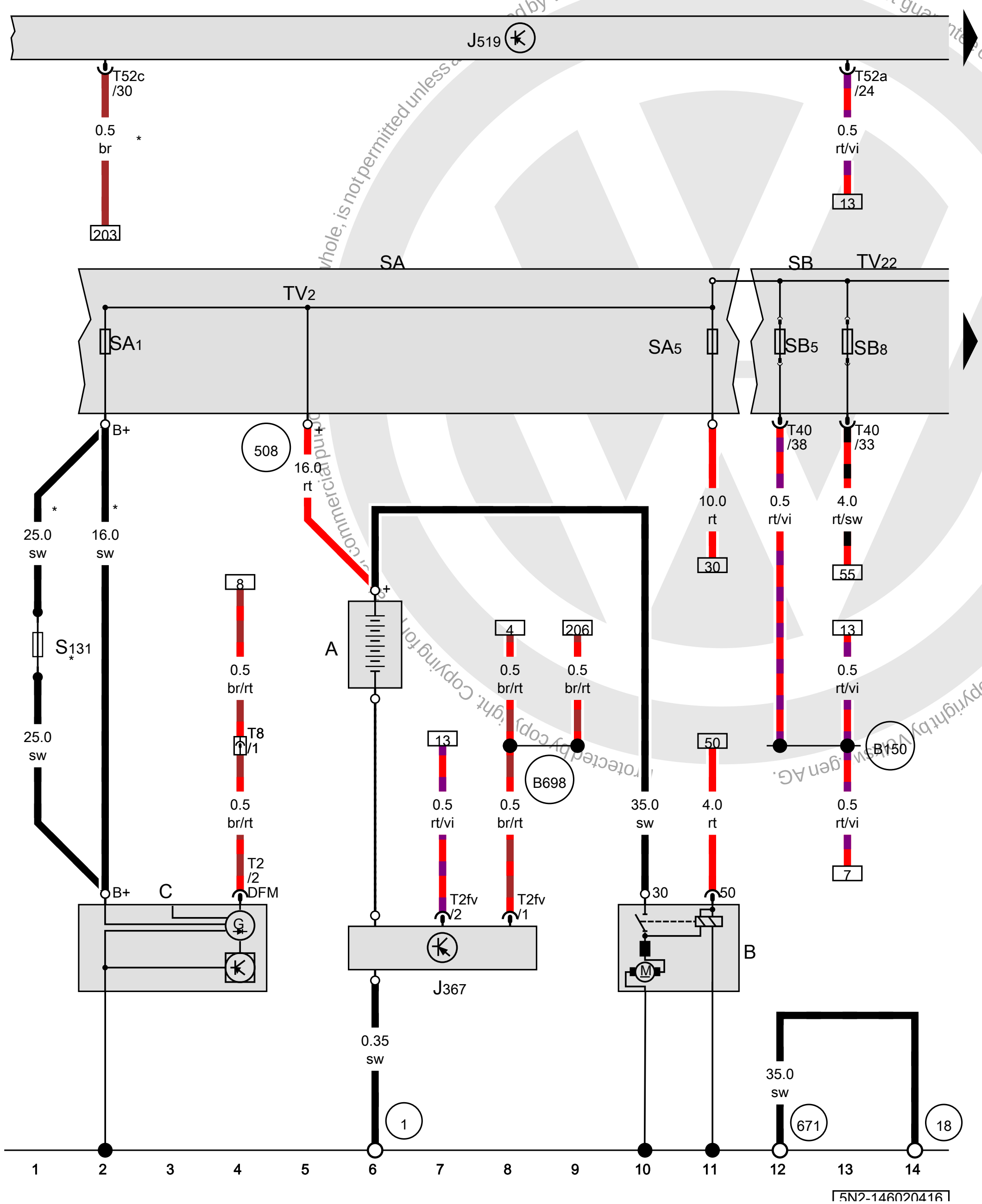
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2.0l diesel engine with start/stop system , CBAB,CFFB,CFFD,CFGC

From May 2011

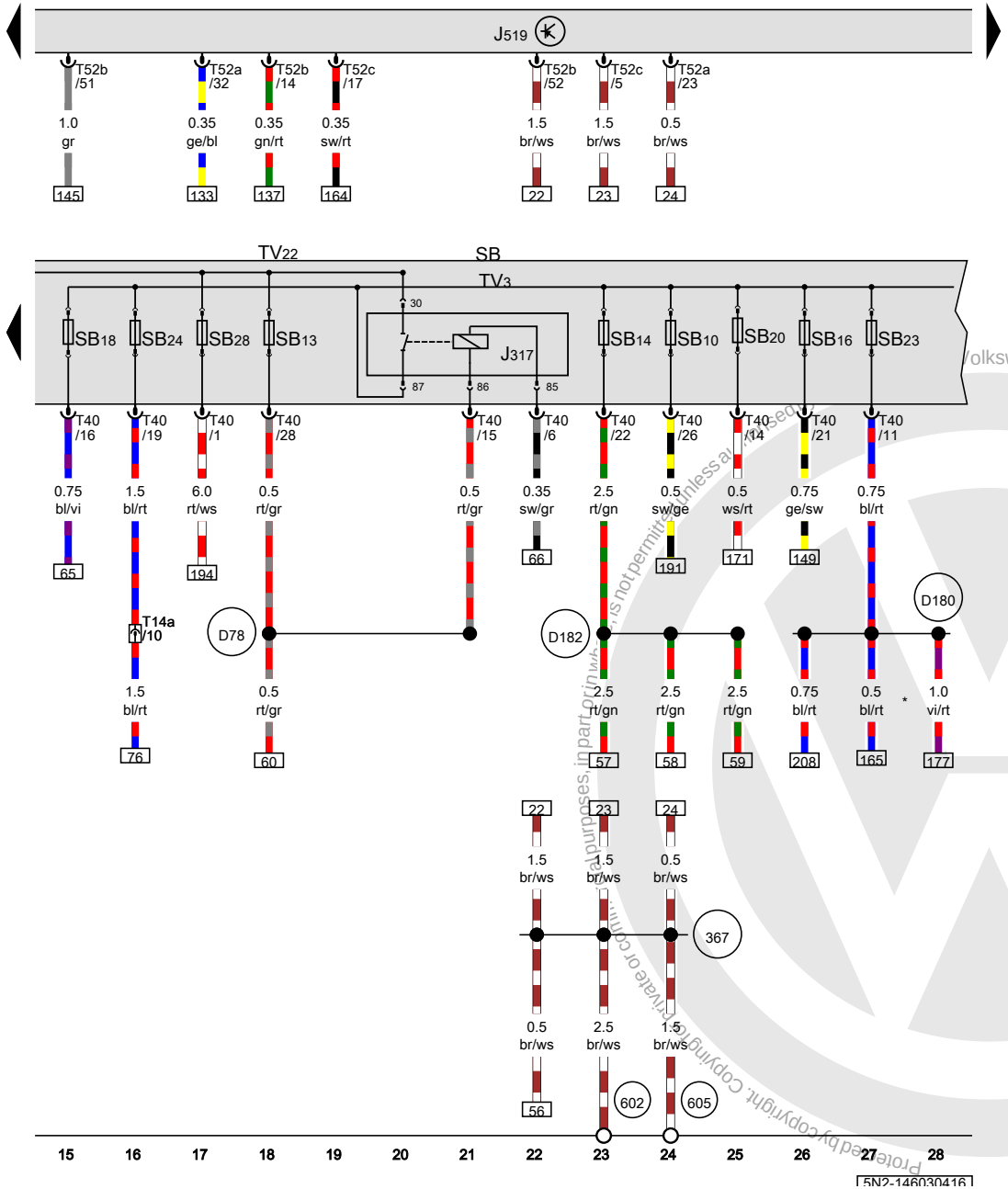
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Battery, Starter, Alternator, Onboard supply control unit



A	Battery
B	Starter
C	Alternator
J367	Battery monitor control unit
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
S131	Fuse 1, in alternator wire
SB	Fuse holder B
SB5	Fuse 5 on fuse holder B
SB8	Fuse 8 on fuse holder B
T2	2-pin connector
T2fv	2-pin connector
T8	8-pin connector
T40	40-pin connector
T52a	52-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
18	Earth point, on cylinder block
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
B150	Positive connection 2 (30a), in interior wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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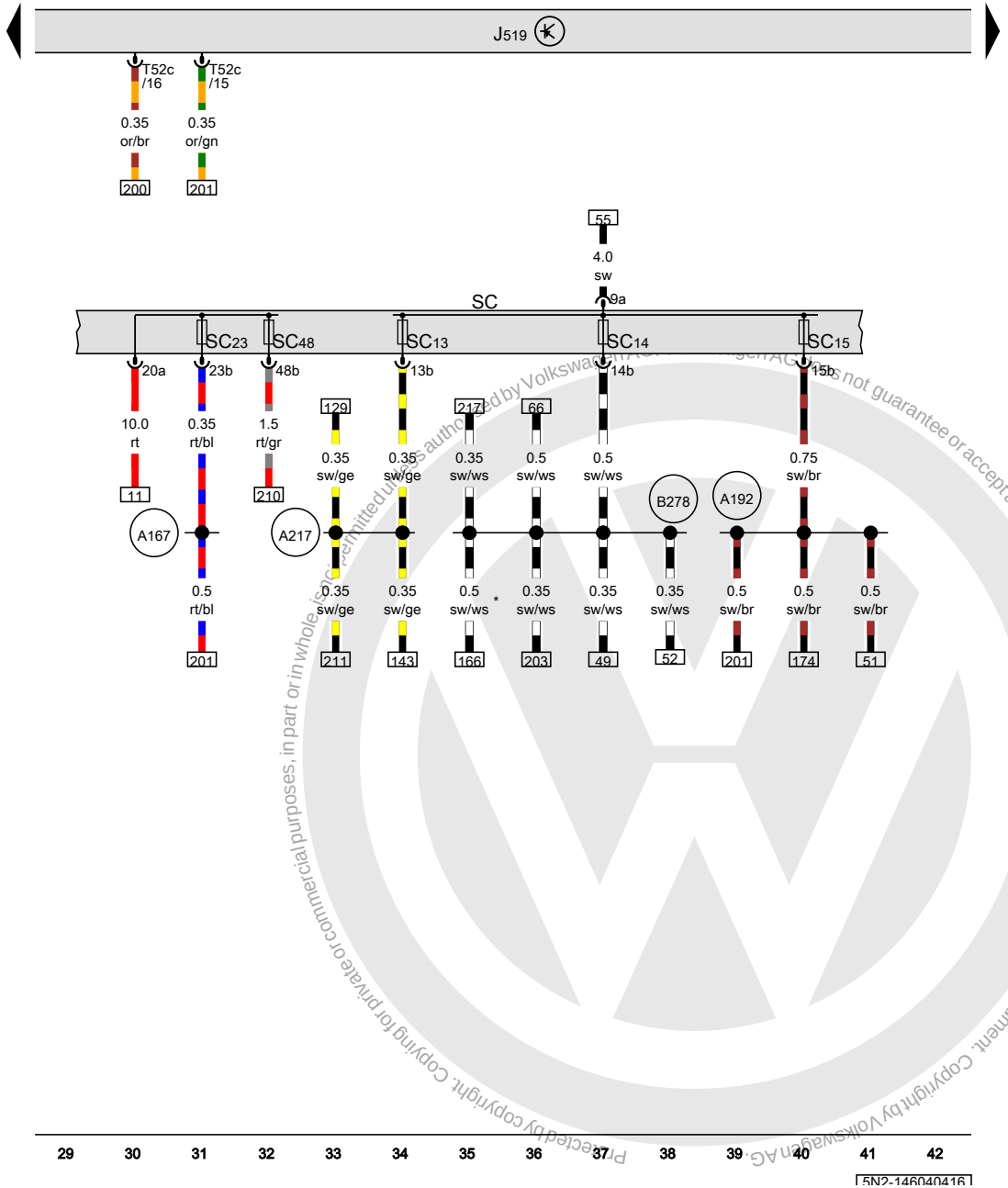


Terminal 30 voltage supply relay, Onboard supply control unit

J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
SB28	Fuse 28 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
D78	Positive connection 1 (30a), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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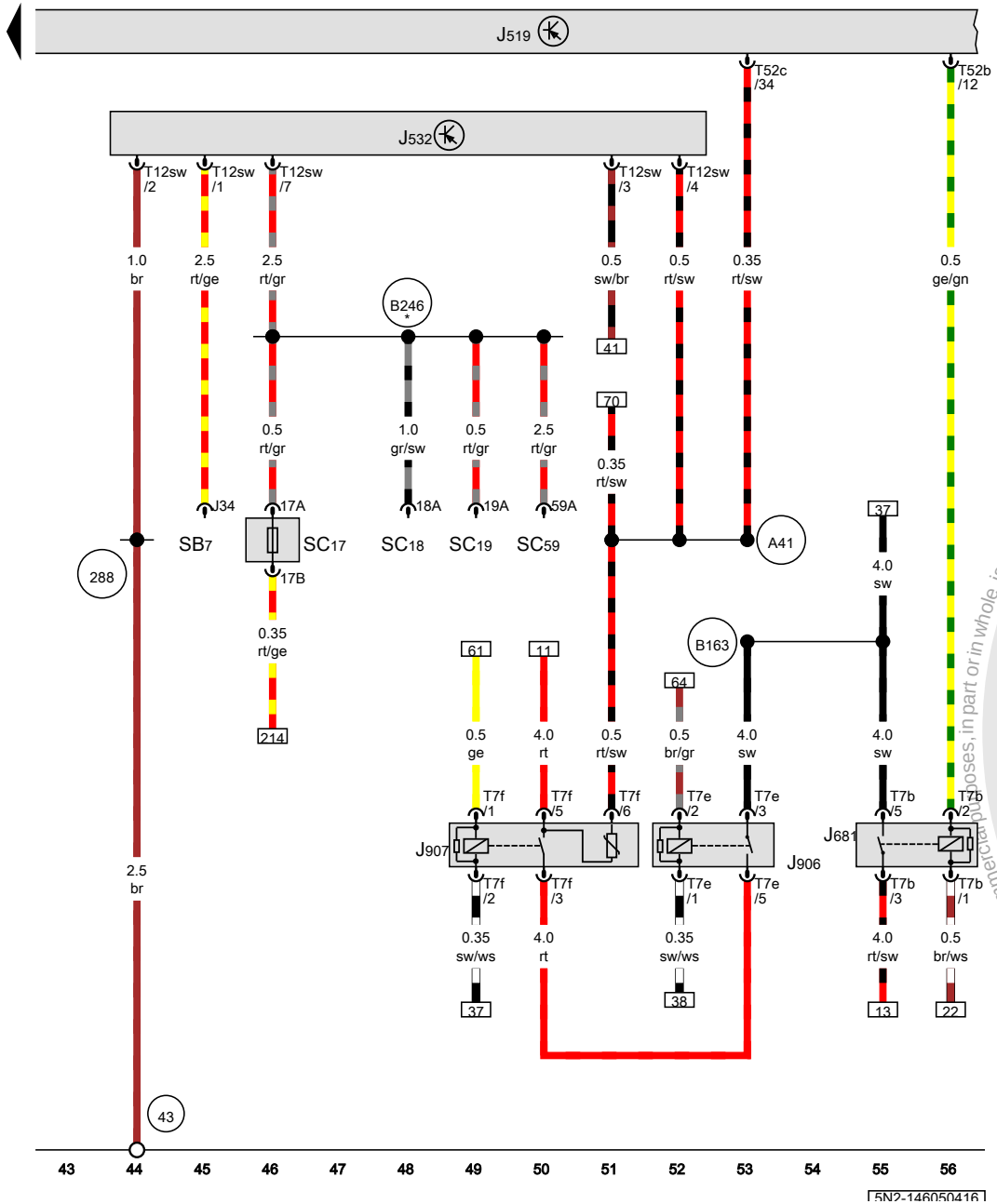


Onboard supply control unit, Fuse holder C

J519	Onboard supply control unit
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC48	Fuse 48 on fuse holder C
T52c	52-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Up to November 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
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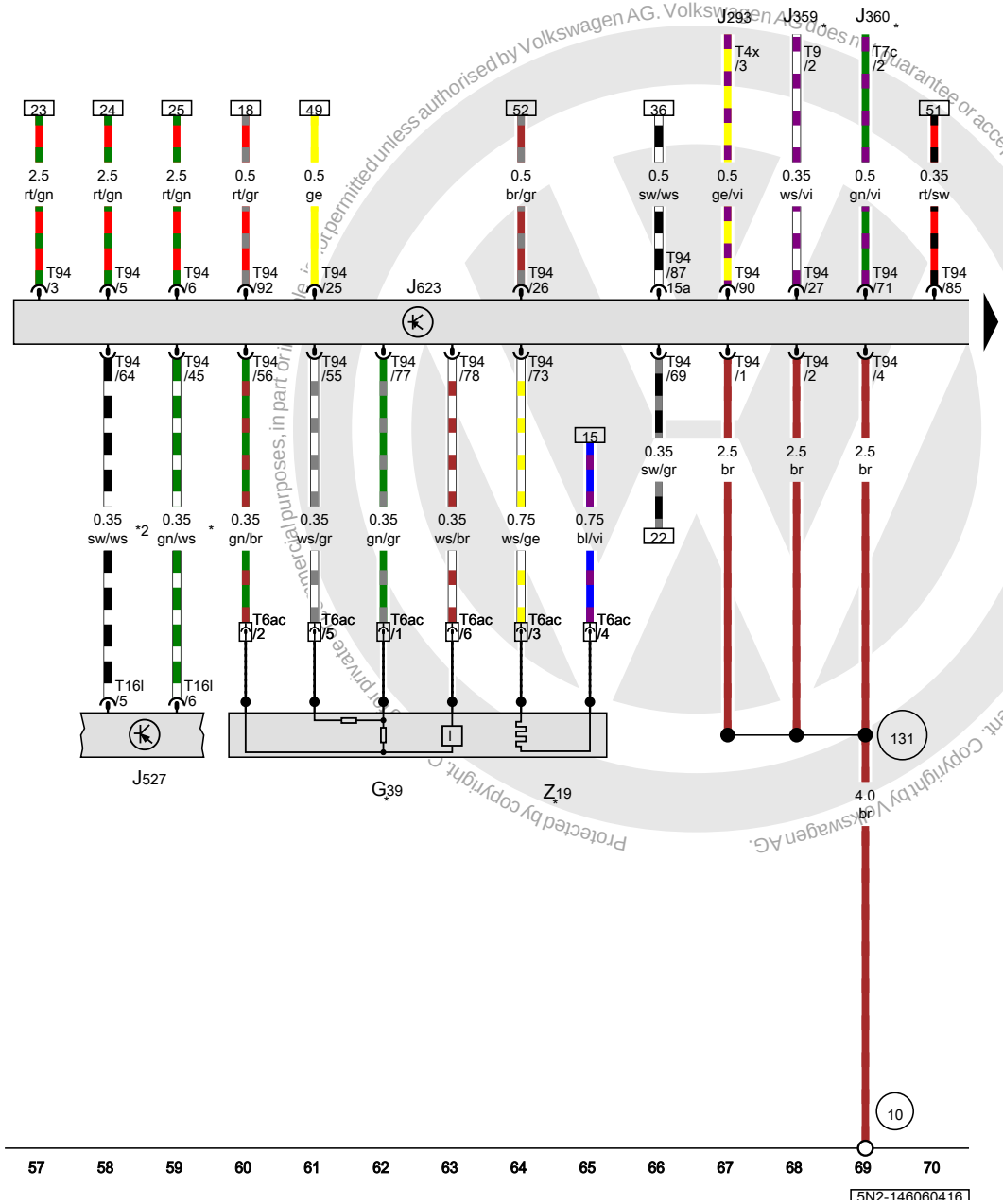


Onboard supply control unit, Terminal 15 voltage supply relay 2, Starter relay 1

J519	Onboard supply control unit
J532	Voltage stabiliser
J681	Terminal 15 voltage supply relay 2
J906	Starter relay 1
J907	Starter relay 2
SB7	Fuse 7 on fuse holder B
SC17	Fuse 17 on fuse holder C
SC18	Fuse 18 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC59	Fuse 59 on fuse holder C
T7b	7-pin connector
T7e	7-pin connector
T7f	7-pin connector
T12sw	12-pin connector
T52b	52-pin connector
T52c	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
A41	Positive connection (50), in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B246	Positive connection (30a, stabilised), in interior wiring harness
*	see applicable current flow diagram for fuse assignment

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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
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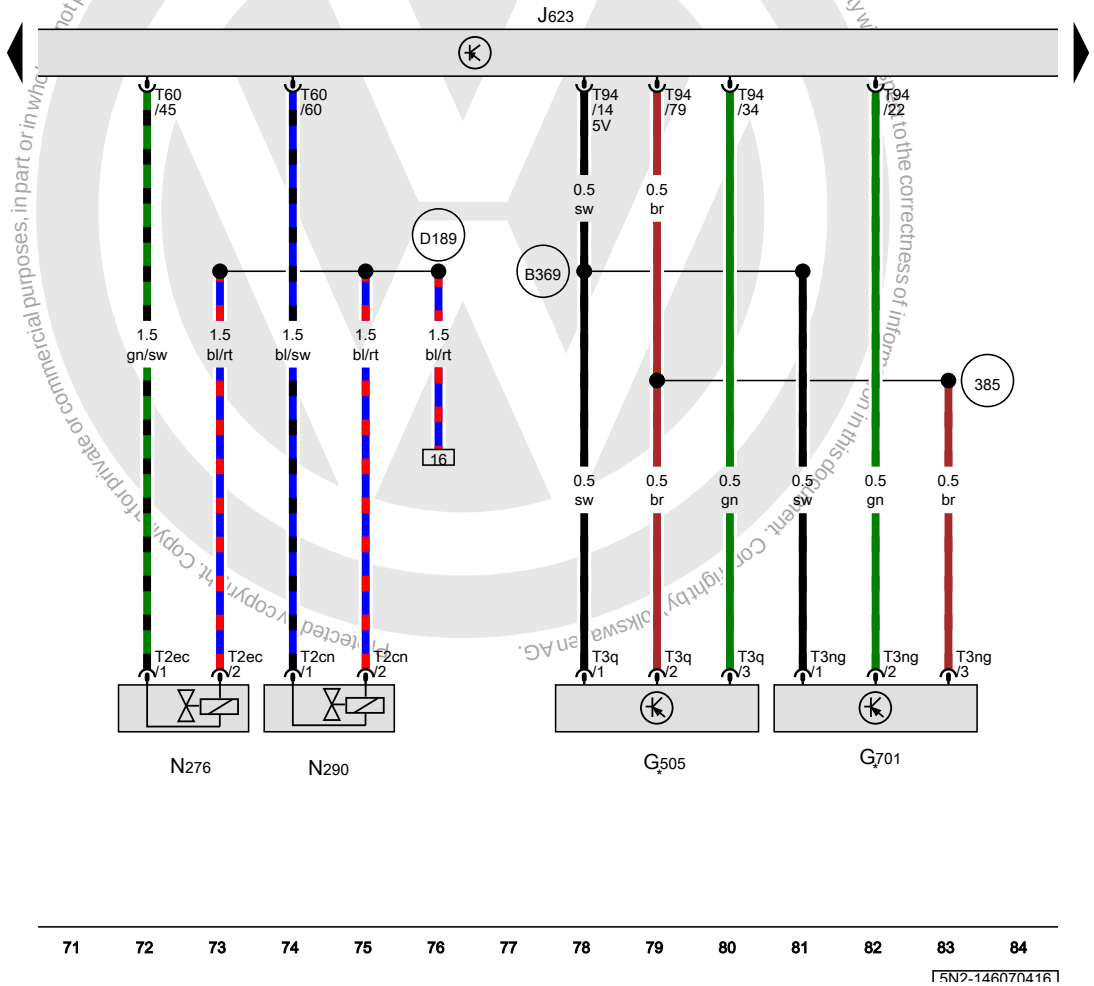
Lambda probe, Engine control unit

G39	Lambda probe
J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J527	Steering column electronics control unit
J623	Engine control unit
T4x	4-pin connector
T6ac	6-pin connector
T7c	7-pin connector
T9	9-pin connector
T16l	16-pin connector
T94	94-pin connector
Z19	Lambda probe heater
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	According to equipment
*2	Only models with cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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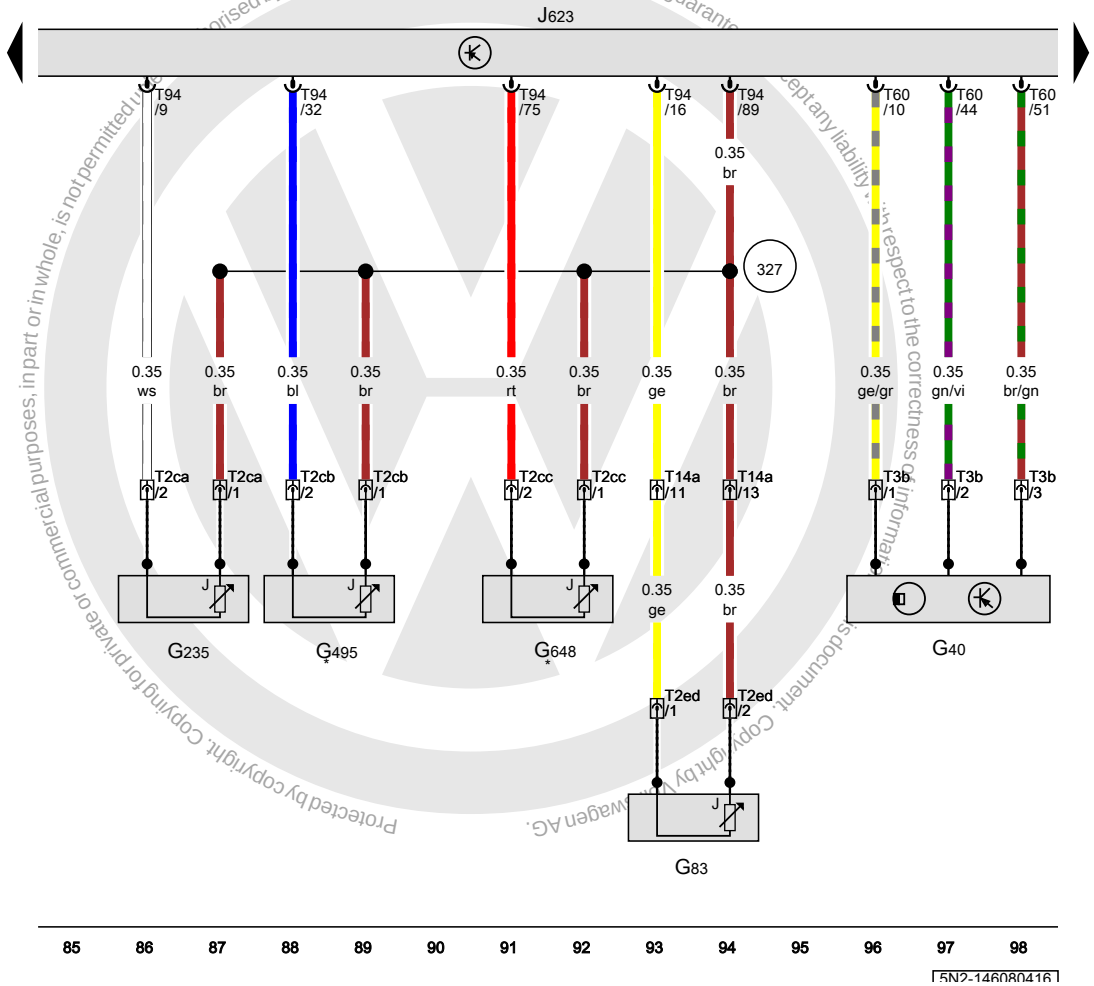
Pressure differential sender, Engine control unit, Fuel pressure regulating valve, Fuel metering valve

G505	Pressure differential sender
G701	Gearbox neutral position sender
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2cn	2-pin connector
T2ec	2-pin connector
T3ng	3-pin connector
T3q	3-pin connector
T60	60-pin connector
T94	94-pin connector
385	Earth connection 20, in main wiring harness
B369	Connection 1 (5V), in main wiring harness
D189	Connection (87a) in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Hall sender, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G40	Hall sender
G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T2ca	2-pin connector
T2cb	2-pin connector
T2cc	2-pin connector
T2ed	2-pin connector
T3b	3-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
*	According to equipment

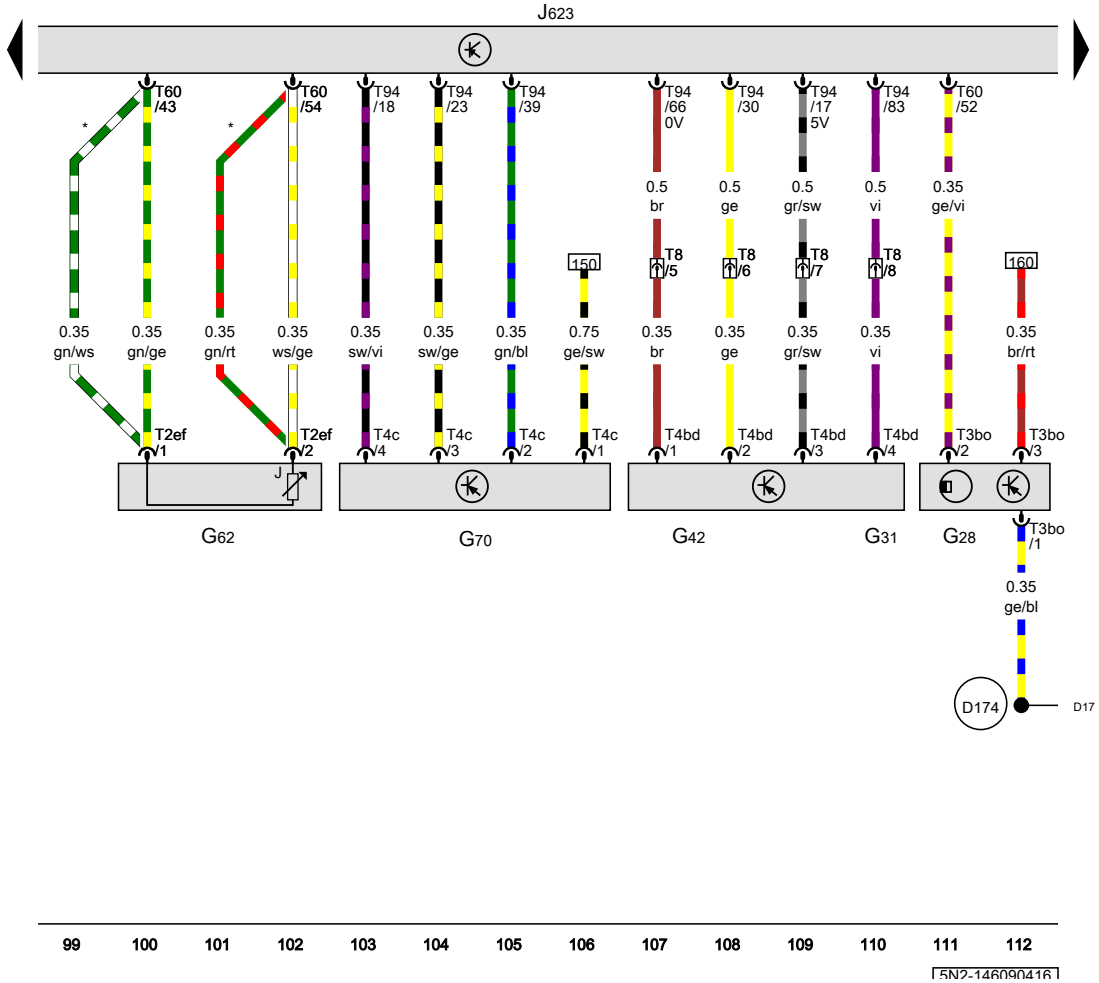


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Engine speed sender, Charge pressure sender, Intake air temperature sender, Coolant temperature sender, Air mass meter, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G70	Air mass meter
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T4bd	4-pin connector
T4c	4-pin connector
T8	8-pin connector
T60	60-pin connector
T94	94-pin connector
D174	Connection 2 (5V) in engine prewiring harness
*	According to equipment

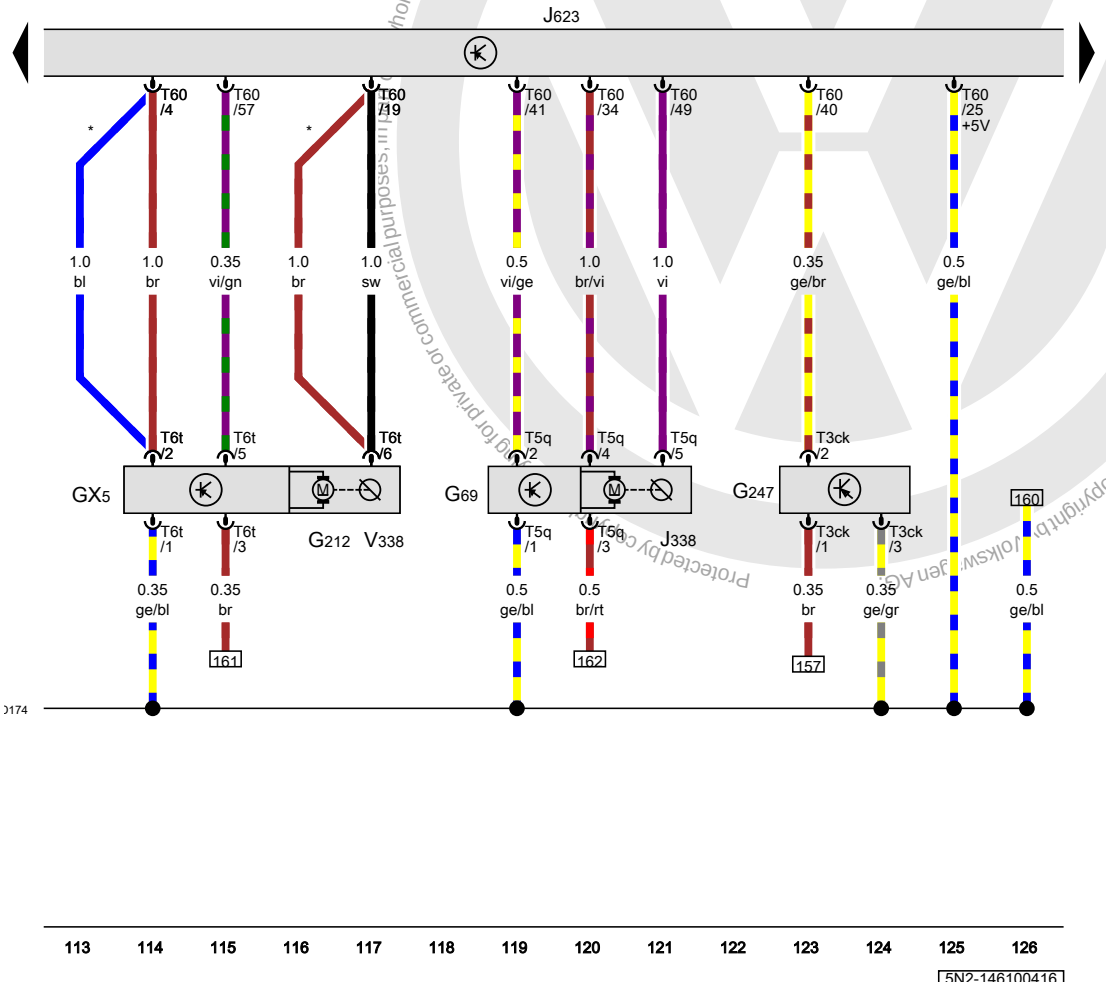


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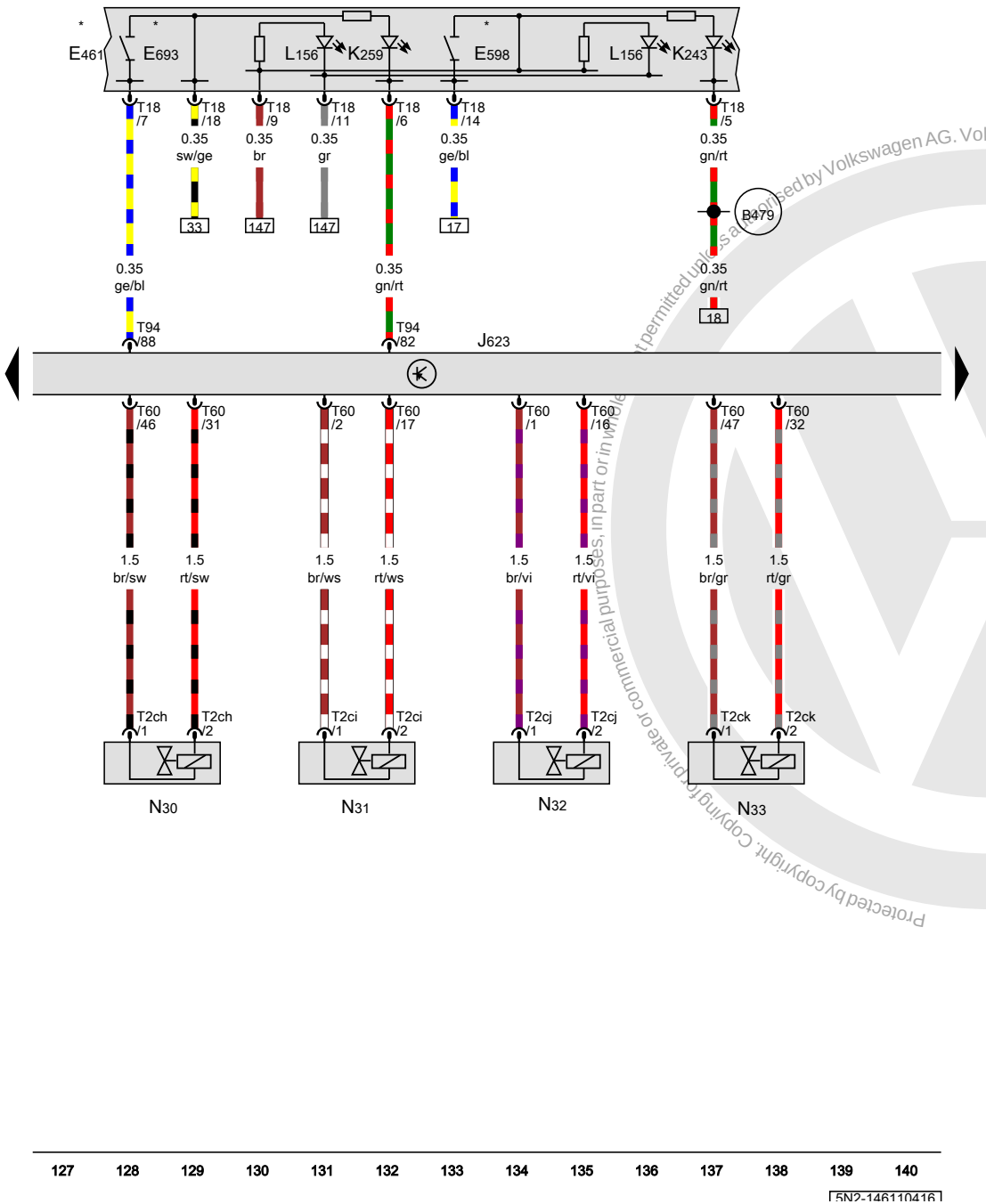
Exhaust gas recirculation valve 1, Throttle valve potentiometer, Fuel pressure sender, Engine control unit

GX5	Exhaust gas recirculation valve 1
G69	Throttle valve potentiometer
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine control unit
T3ck	3-pin connector
T5q	5-pin connector
T6t	6-pin connector
T60	60-pin connector
V338	Exhaust gas recirculation control motor
D174	Connection 2 (5V) in engine prewiring harness
*	According to equipment



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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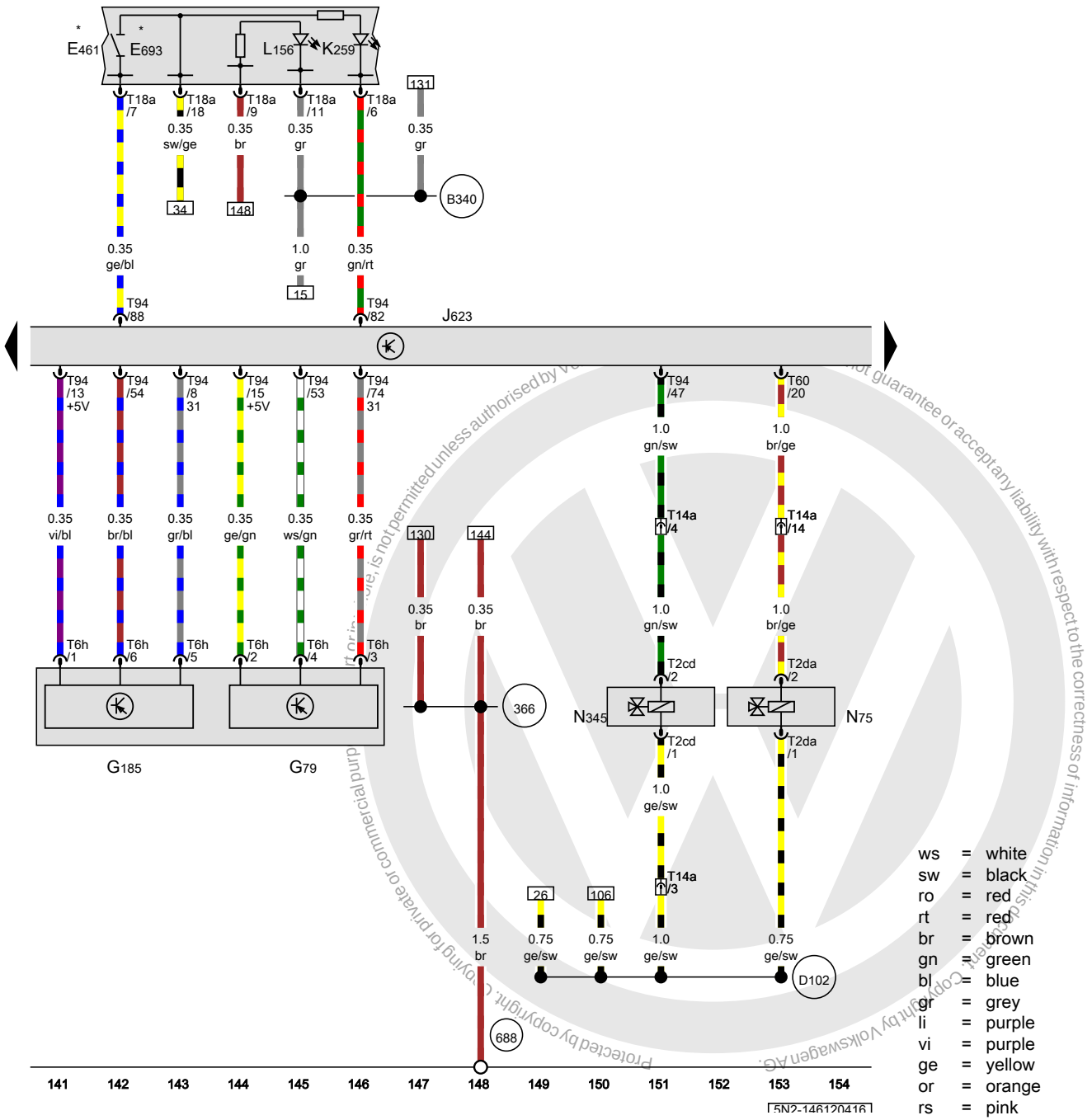


Operating unit in front of centre console, Start/Stop operation button, Engine control unit, Injector, cylinder 1

E461	Operating unit in front of centre console
E598	Driving program button
E693	Start/Stop operation button
J623	Engine control unit
K243	Driving program warning light
K259	Start/Stop operation warning lamp
L156	Switch illumination bulb
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
B479	Connection 15, in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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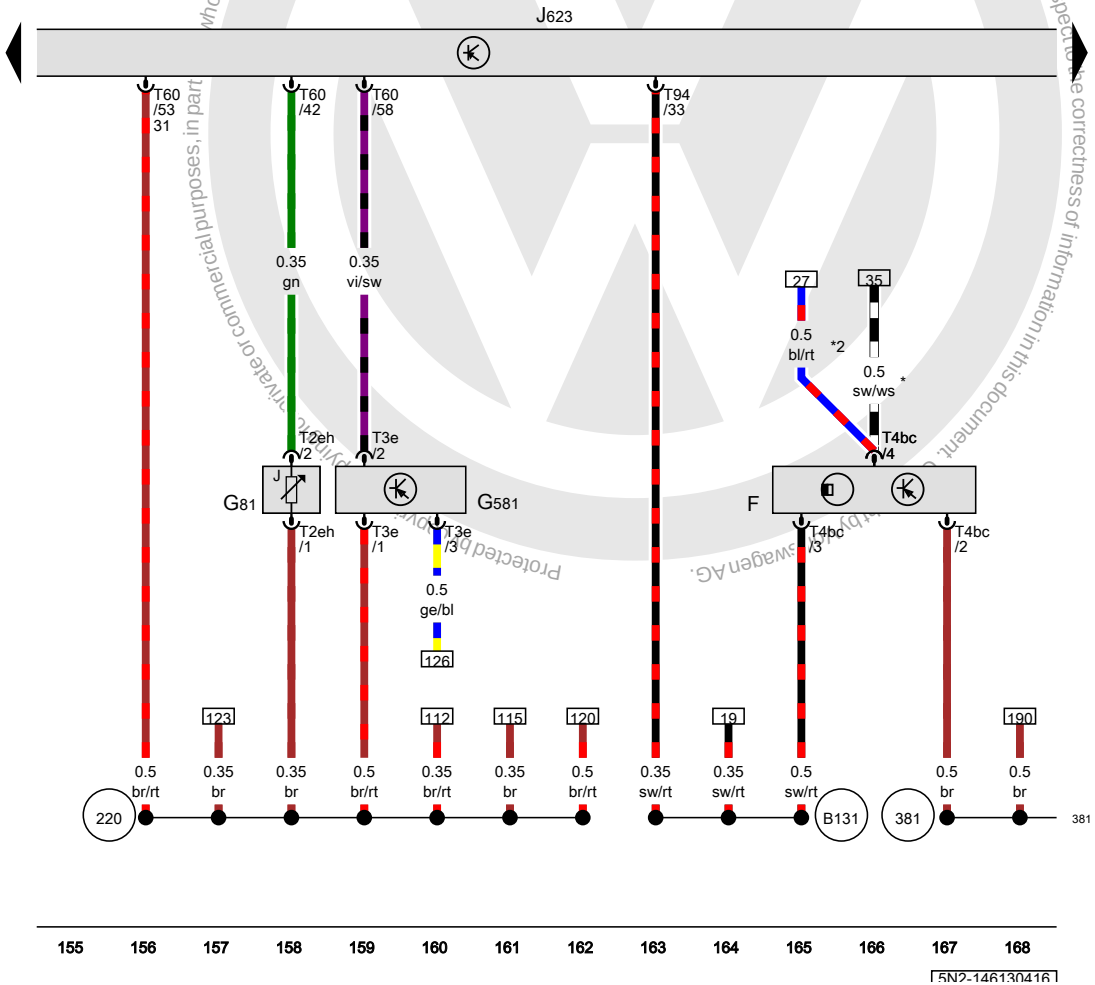
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Operating unit in front of centre console, Start/Stop operation button, Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

E461	Operating unit in front of centre console
E693	Start/Stop operation button
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
K259	Start/Stop operation warning lamp
L156	Switch illumination bulb
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T2cd	2-pin connector
T2da	2-pin connector
T6h	6-pin connector
T14a	14-pin connector
T18a	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
D102	Connection 2 in engine compartment wiring harness
*	According to equipment

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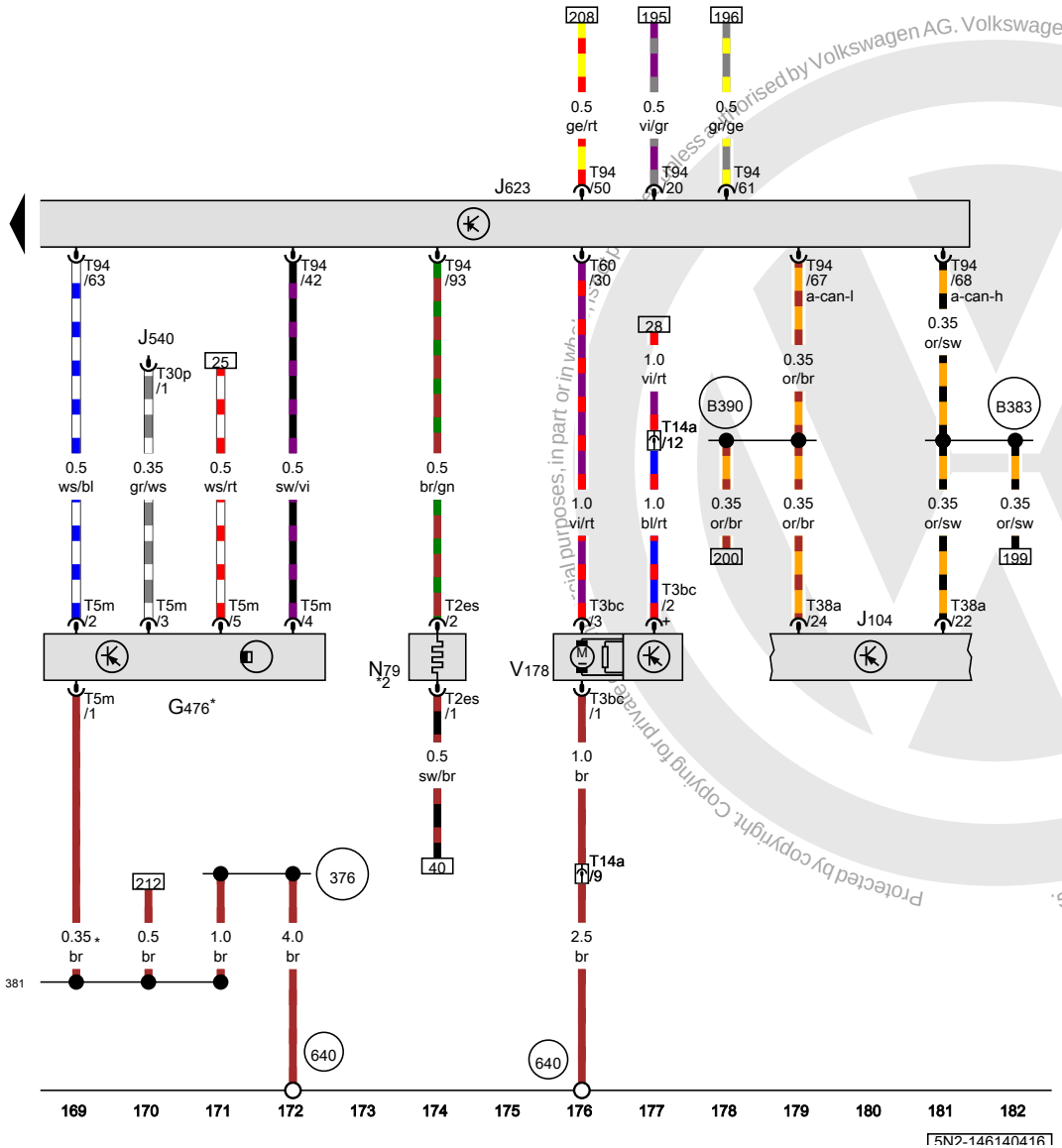


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rs = pink

Brake light switch, Fuel temperature sender, Position sender for charge pressure positioner, Engine control unit

F	Brake light switch
G81	Fuel temperature sender
G581	Position sender for charge pressure positioner
J623	Engine control unit
T2eh	2-pin connector
T3e	3-pin connector
T4bc	4-pin connector
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness
*	Up to November 2011
*2	From November 2011

Clutch position sender, Engine control unit, Heater element for crankcase breather, Coolant circulation pump 2

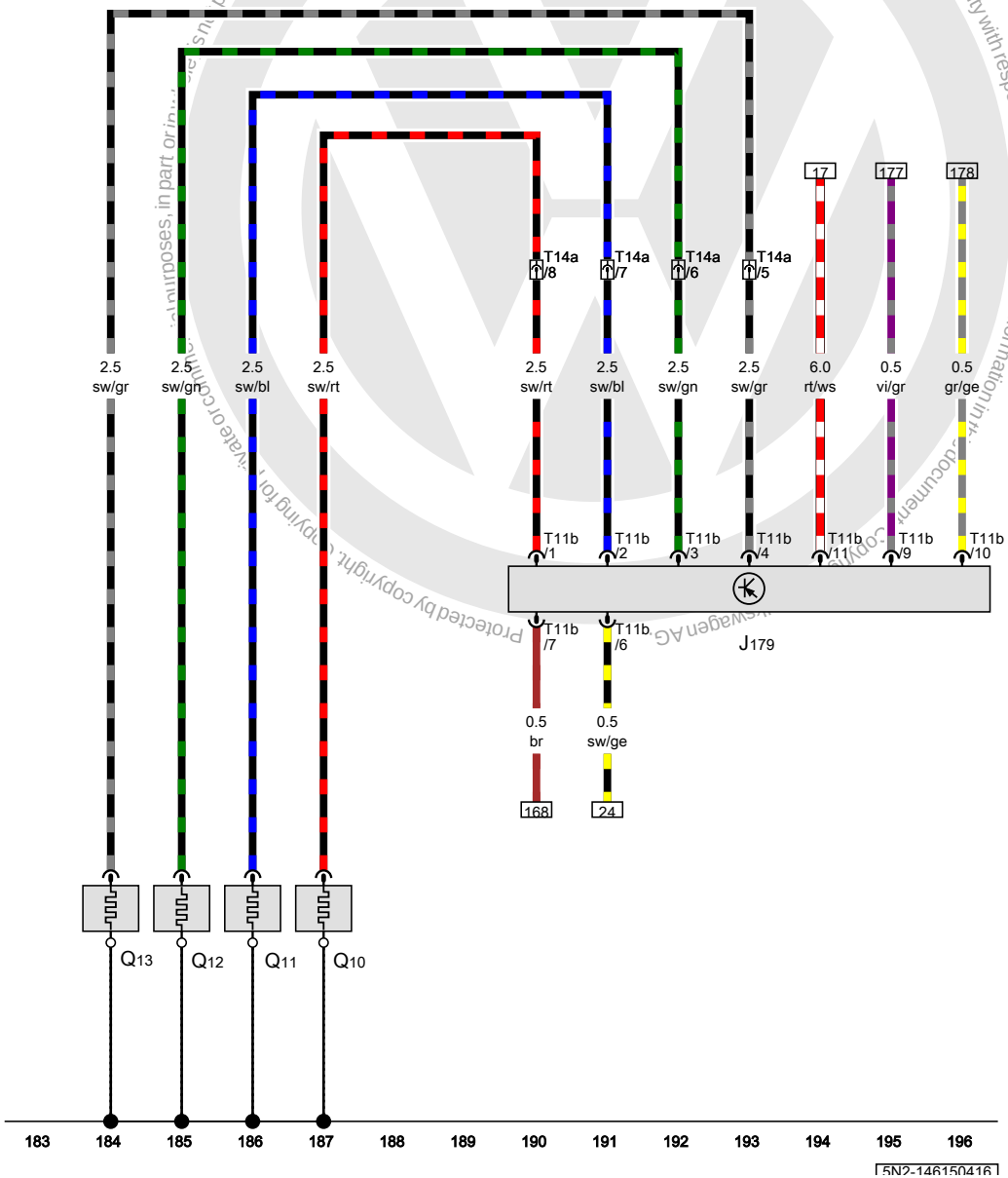


G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
N79	Heater element for crankcase breather
T2es	2-pin connector
T3bc	3-pin connector
T5m	5-pin connector
T14a	14-pin connector
T30p	30-pin connector
T38a	38-pin connector
T60	60-pin connector
T94	94-pin connector
V178	Coolant circulation pump 2
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only for countries with cold climate

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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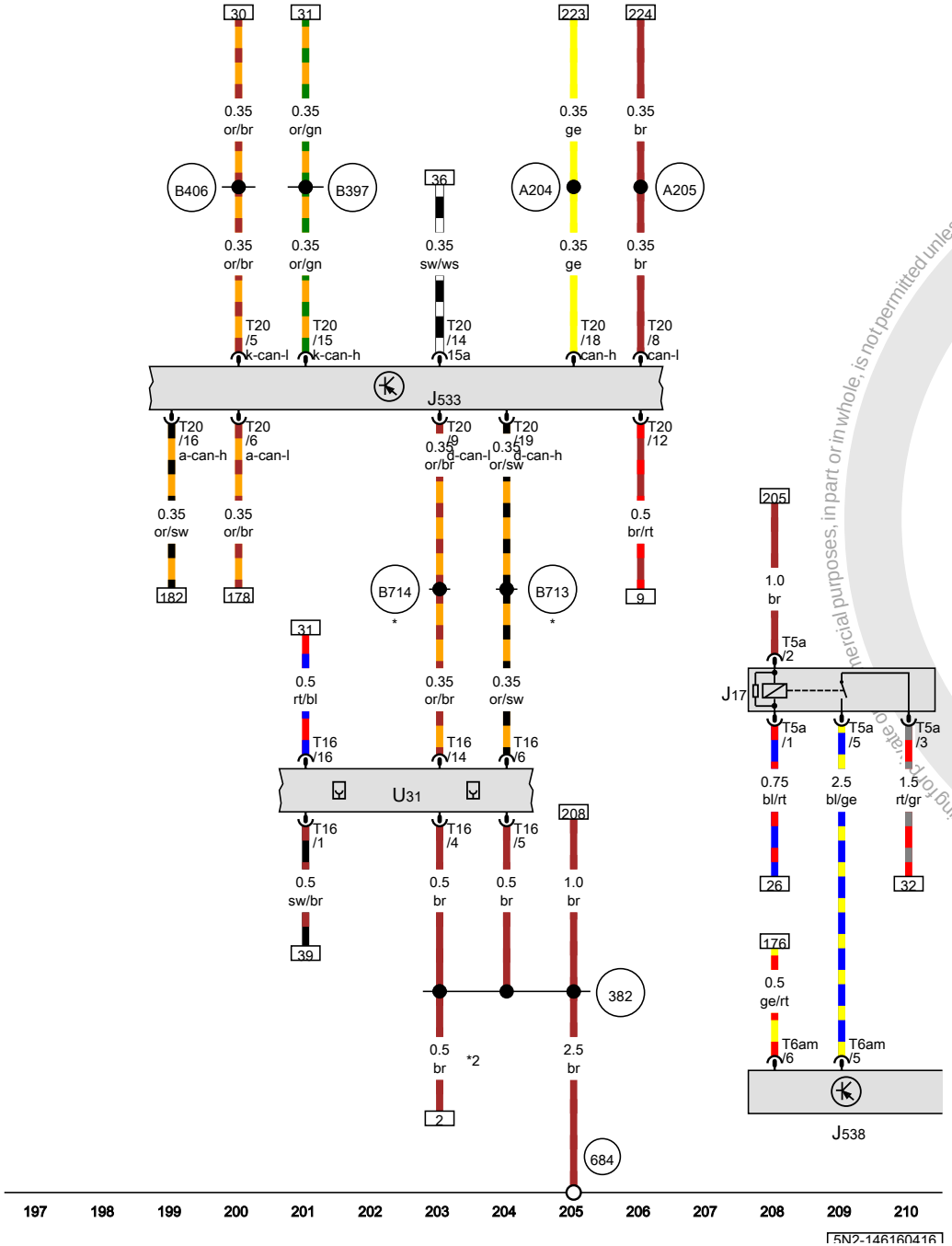
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Automatic glow period control unit, Glow plug 1

J179	Automatic glow period control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T11b	11-pin connector
T14a	14-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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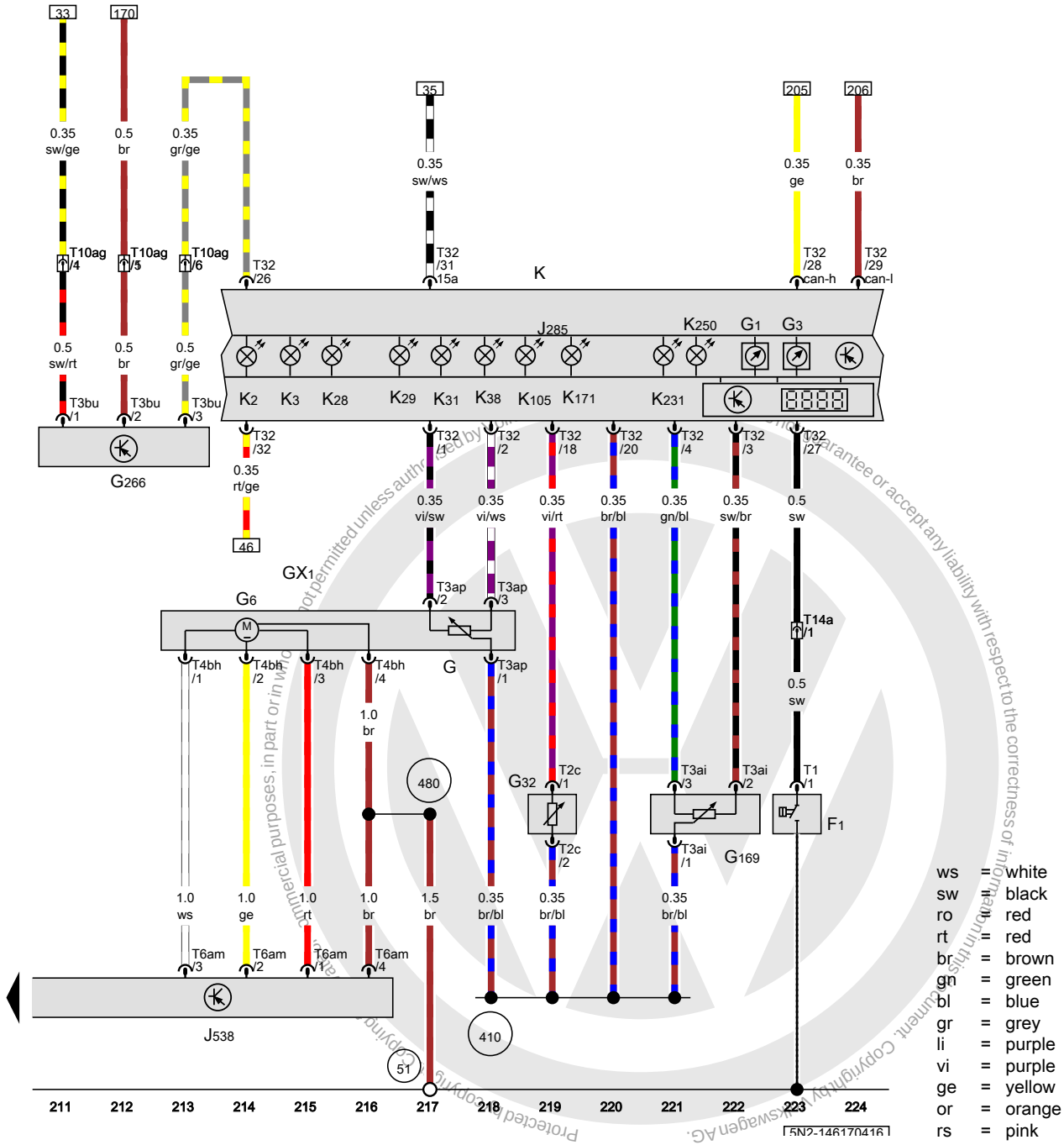


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Data bus diagnostic interface, Fuel pump control unit, Diagnostic connection

J17	Fuel pump relay
J533	Data bus diagnostic interface
J538	Fuel pump control unit
T5a	5-pin connector
T6am	6-pin connector
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
*	From May 2014
*2	According to equipment

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vi = purple
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Oil pressure switch, Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Fuel pump control unit, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
GX1	Fuel delivery unit
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
K171	Bonnet open warning lamp
K231	Diesel particulate filter warning lamp
K250	Warning lamp for hill descent control
T1	Single connector
T2c	2-pin connector
T3ai	3-pin connector
T3ap	3-pin connector
T3bu	3-pin connector
T4bh	4-pin connector
T6am	6-pin connector
T10ag	10-pin connector
T14a	14-pin connector
T32	32-pin connector

(51) Earth point, on right in luggage compartment

(410) Earth connection 1 (sender earth) in main wiring harness

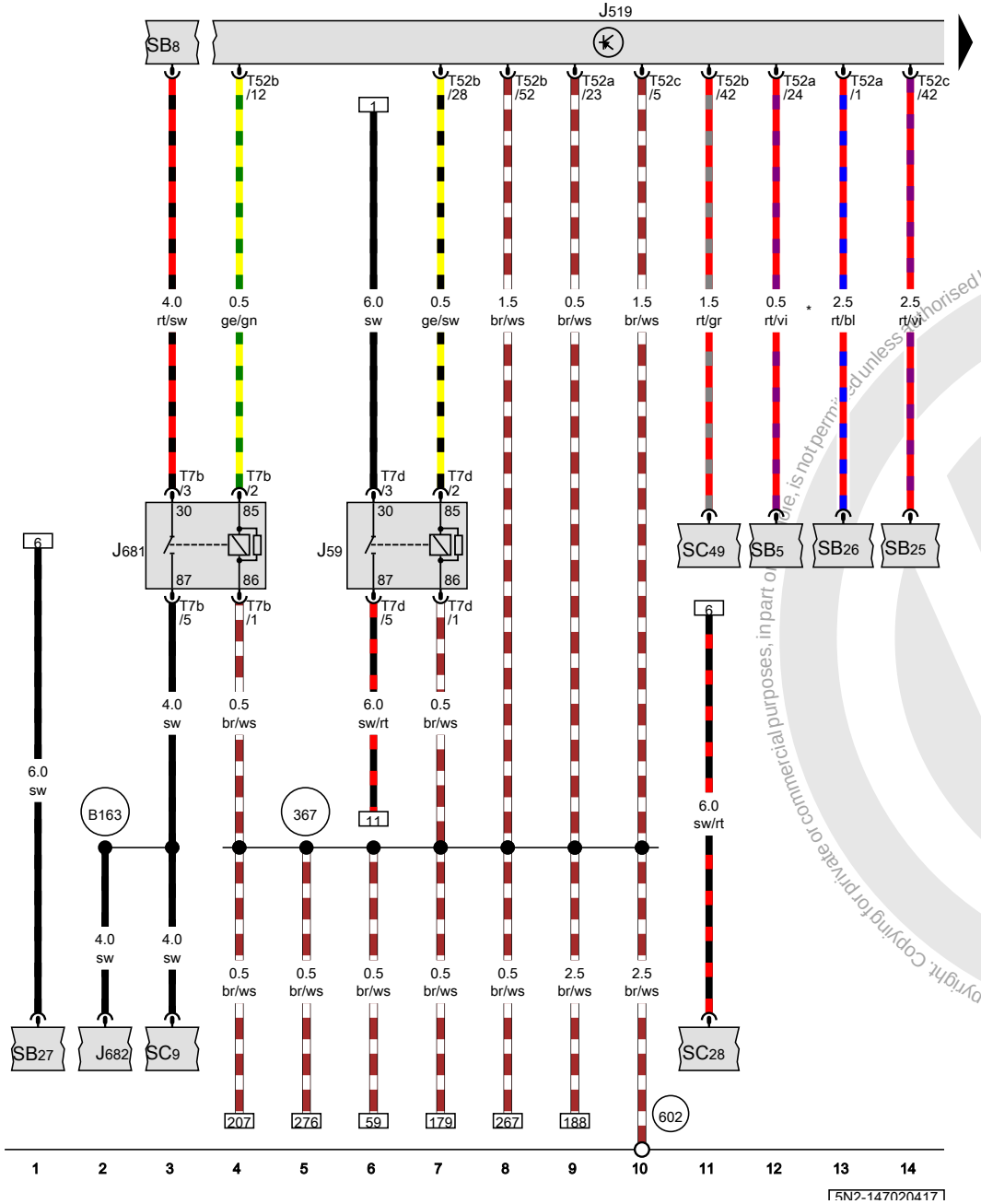
(480) Earth connection, in fuel tank wiring harness

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Basic equipment (Canada, Mexico, USA)

From May 2011

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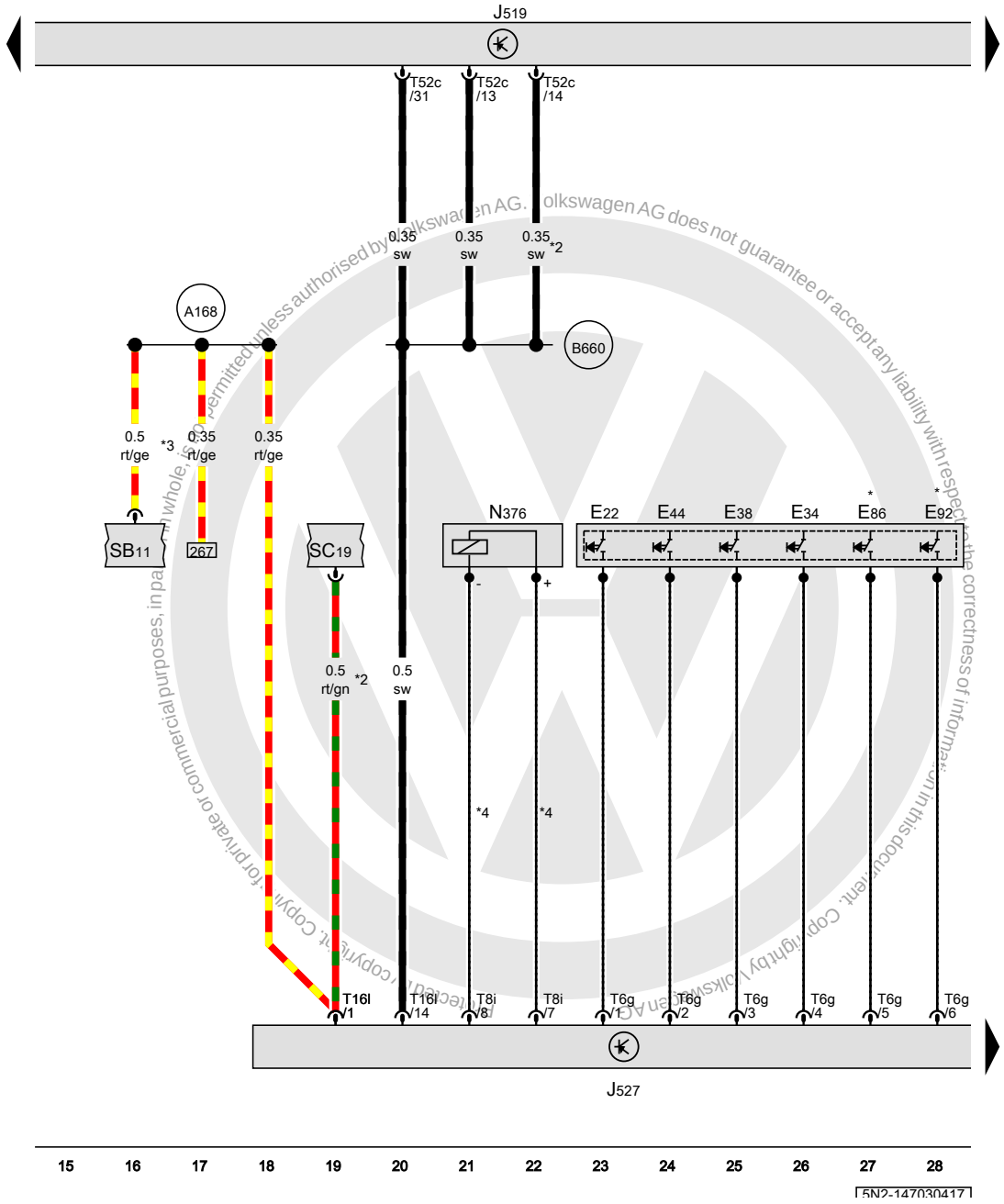


X-contact relief relay, Onboard supply control unit, Terminal 15 voltage supply relay 2

J59	X-contact relief relay
J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SB5	Fuse 5 on fuse holder B
SB8	Fuse 8 on fuse holder B
SC9	Fuse 9 on fuse holder C
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
SB27	Fuse 27 on fuse holder B
SC28	Fuse 28 on fuse holder C
SC49	Fuse 49 on fuse holder C
T7b	7-pin connector
T7d	7-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
B163	Positive connection 1 (15), in interior wiring harness
*	Only models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Intermittent wiper switch, Onboard supply control unit, Steering column electronics control unit, Ignition key withdrawal lock solenoid

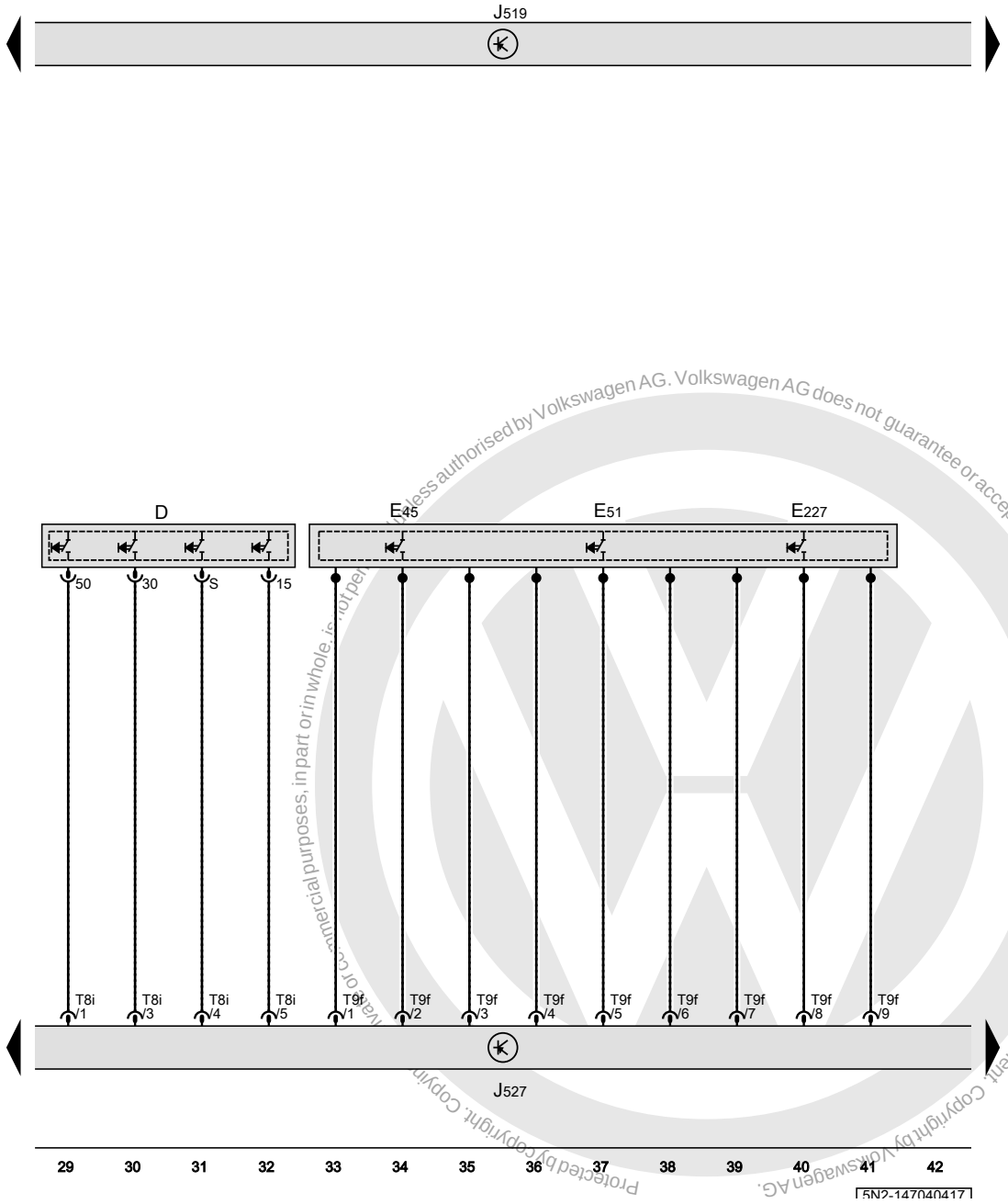
E22	Intermittent wiper switch
E34	Rear wiper switch
E38	Intermittent wiper regulator
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E86	Multifunction display call-up button
E92	Reset button
J519	Onboard supply control unit
J527	Steering column electronics control unit
N376	Ignition key withdrawal lock solenoid
SB11	Fuse 11 on fuse holder B
SC19	Fuse 19 on fuse holder C
T6g	6-pin connector
T8i	8-pin connector
T16l	16-pin connector
T52c	52-pin connector
A168	Positive connection 4 (30a) in dash panel wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with multifunction display
*2	Only models with start/stop system
*3	Only models with no start/stop system
*4	For models with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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Ignition/starter switch, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
E51	Cruise control system master switch
E227	Cruise control system (CCS) SET button
J519	Onboard supply control unit
J527	Steering column electronics control unit
T8i	8-pin connector
T9f	9-pin connector

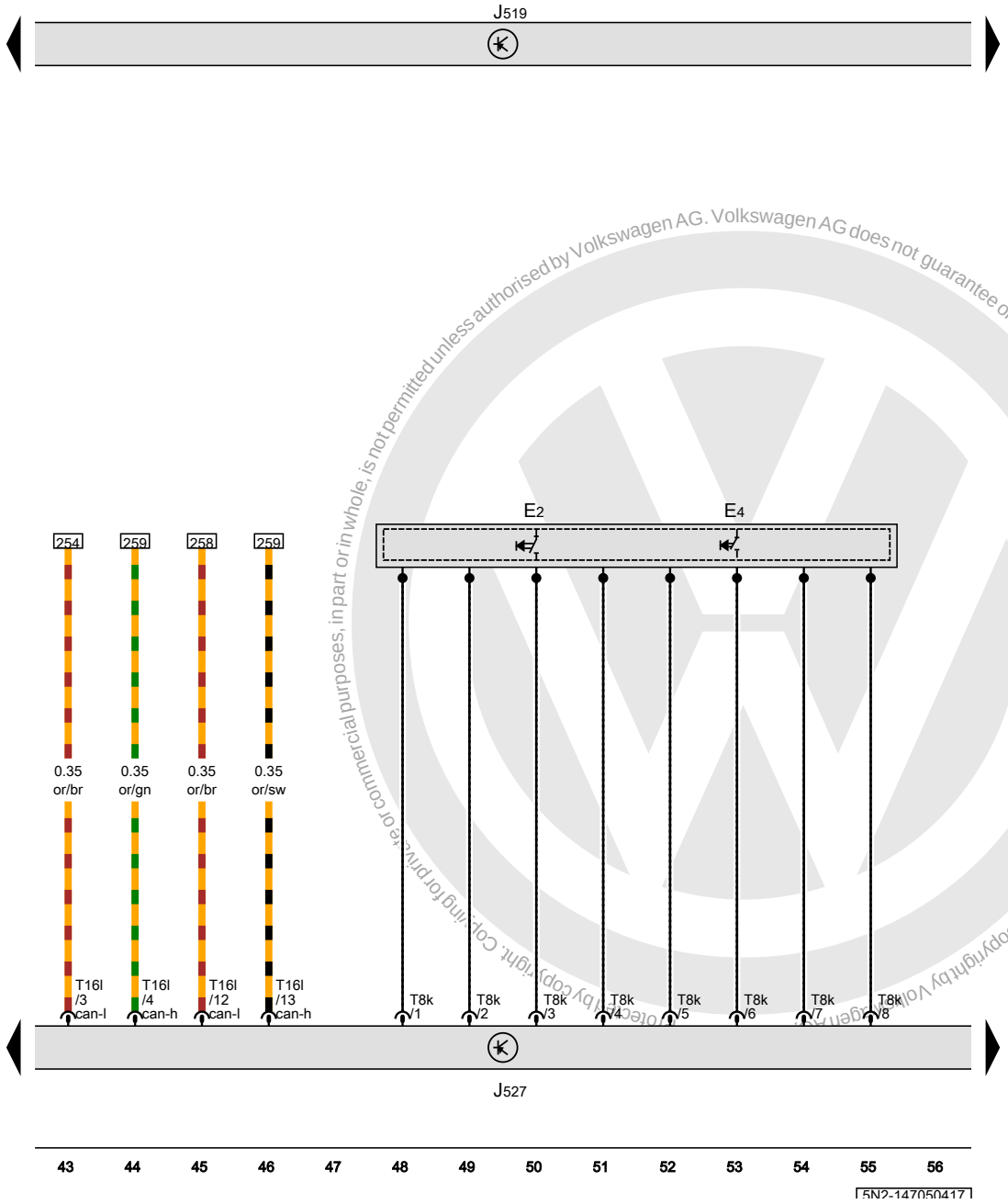


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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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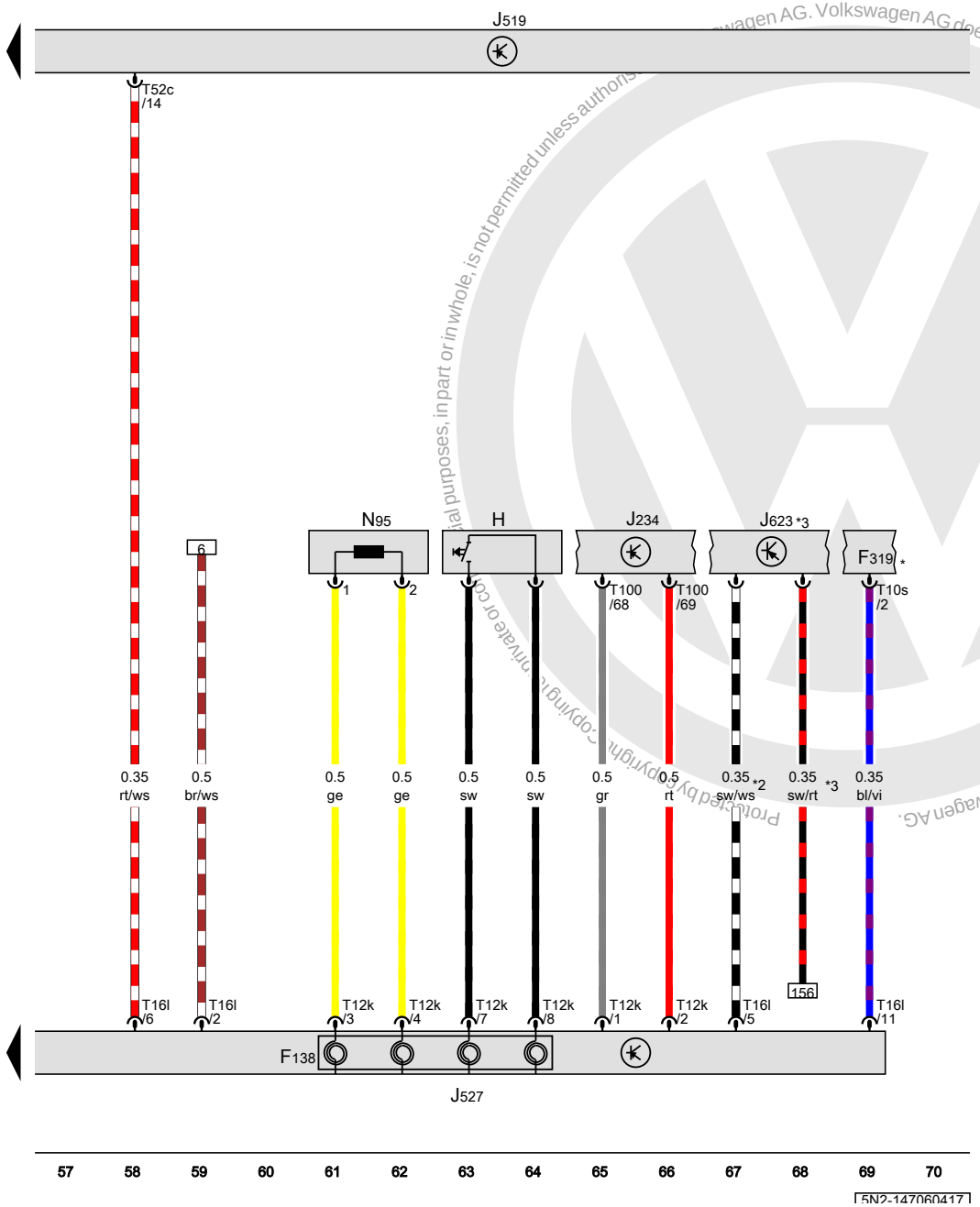
Turn signal switch, Onboard supply control unit, Steering column electronics control unit

E2	Turn signal switch
E4	Headlight dipper and flasher switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
T8k	8-pin connector
T16l	16-pin connector



ws = white
sw = black
ro = red
rt = red
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gn = green
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vi = purple
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or = orange
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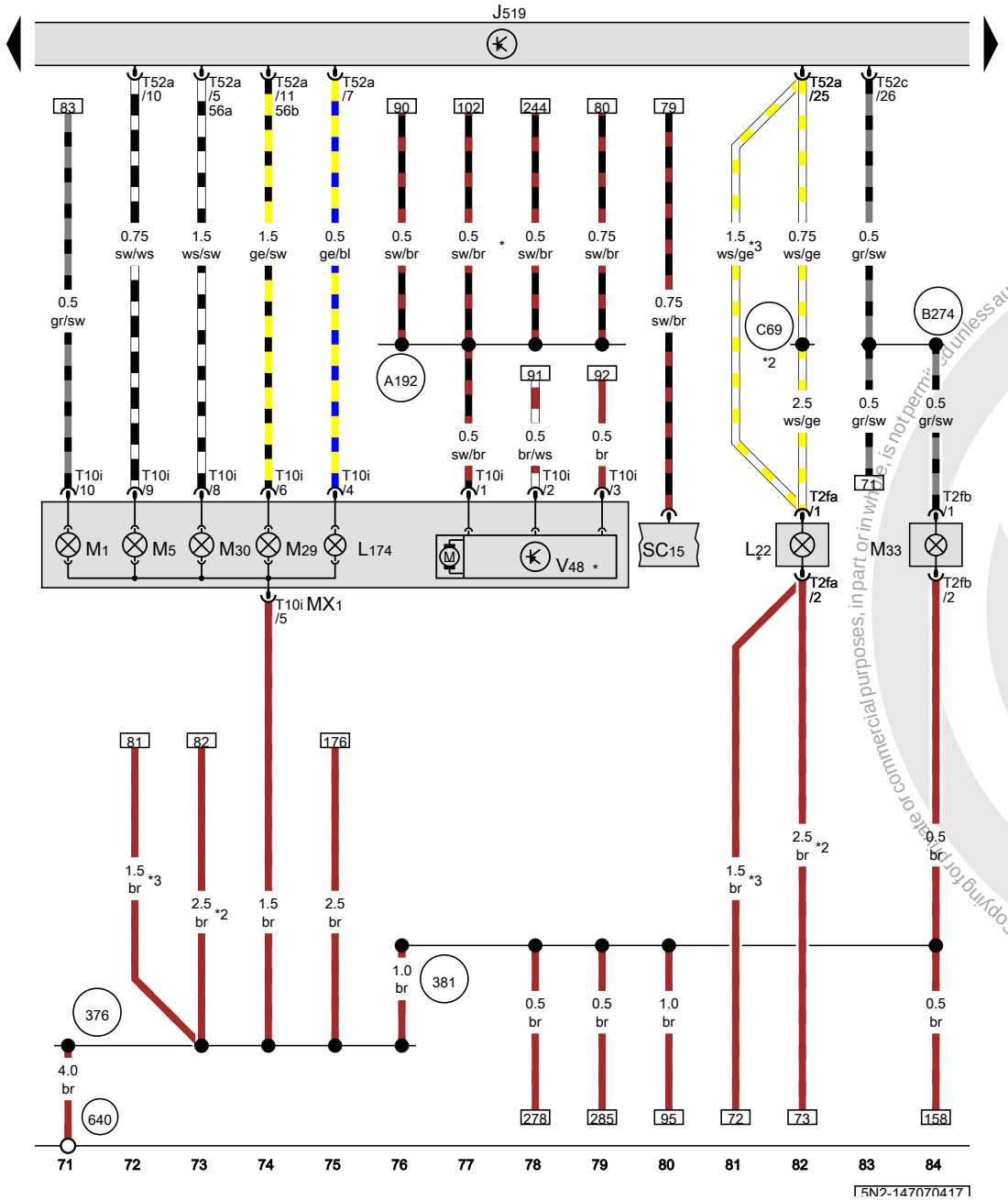


Airbag coil connector and return ring with slip ring, Horn plate, Airbag control unit, Onboard supply control unit, Steering column electronics control unit, Driver side airbag igniter

F138	Airbag coil connector and return ring with slip ring
F319	Selector lever locked in position P switch
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
N95	Driver side airbag igniter
T10s	10-pin connector
T12k	12-pin connector
T16l	16-pin connector
T52c	52-pin connector
T100	100-pin connector
*	For models with automatic gearbox
*2	Only models with cruise control system (CCS)
*3	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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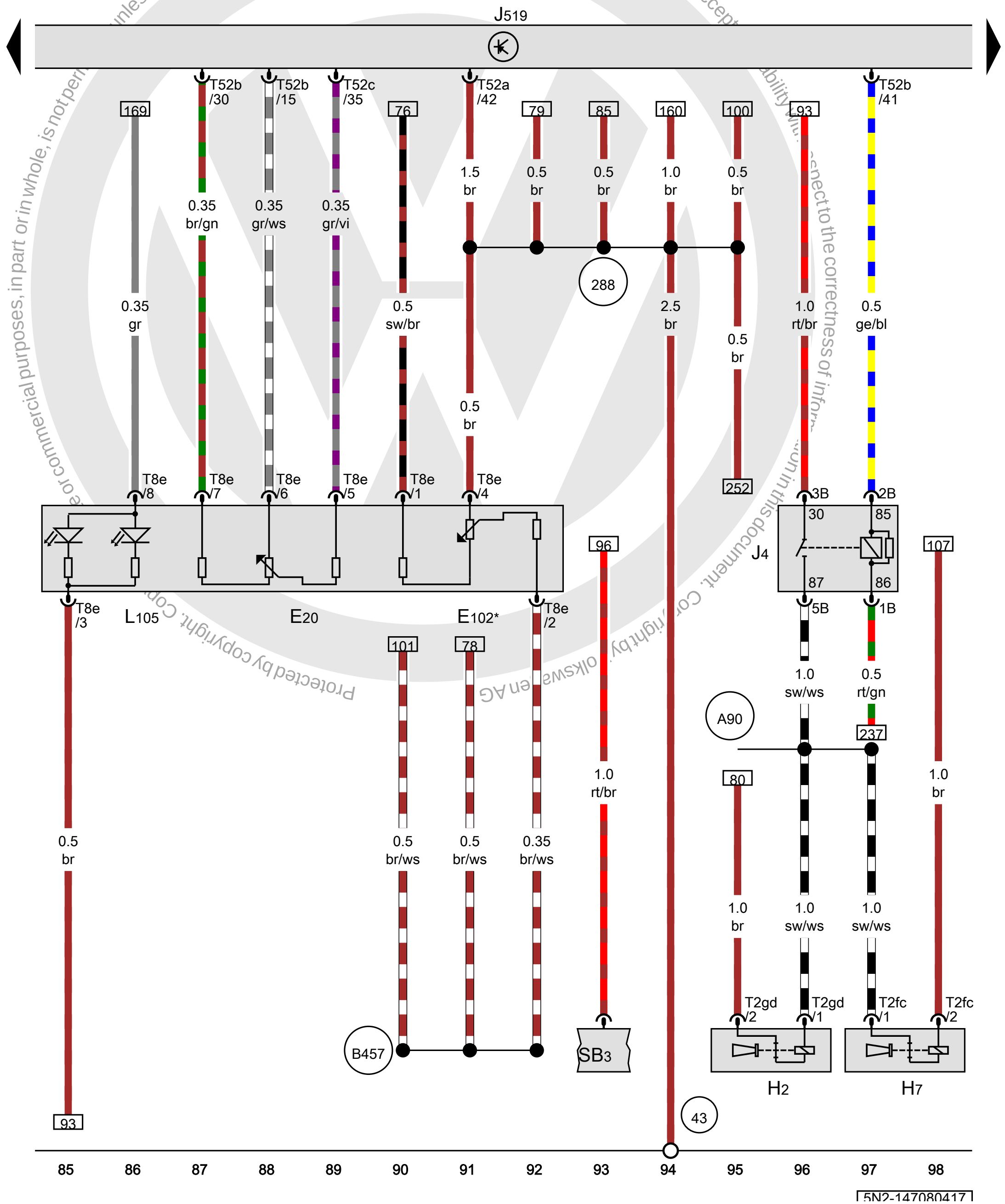
Onboard supply control unit, Left fog light bulb, Front left headlight

J519	Onboard supply control unit
L22	Left fog light bulb
L174	Left daytime running light bulb
M1	Left side light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
M33	Front left side marker bulb
SC15	Fuse 15 on fuse holder C
T2fa	2-pin connector
T2fb	2-pin connector
T10i	10-pin connector
T52a	52-pin connector
T52c	52-pin connector
V48	Left headlight range control motor
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
A192	Positive connection 3 (15a) in dash panel wiring harness
B274	Positive connection (58L), in main wiring harness
C69	Front left connection (fog light),, in main wiring harness
*	According to equipment
*2	Up to May 2014
*3	From May 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Switch and instrument illumination regulator, Dual tone horn relay, Onboard supply control unit

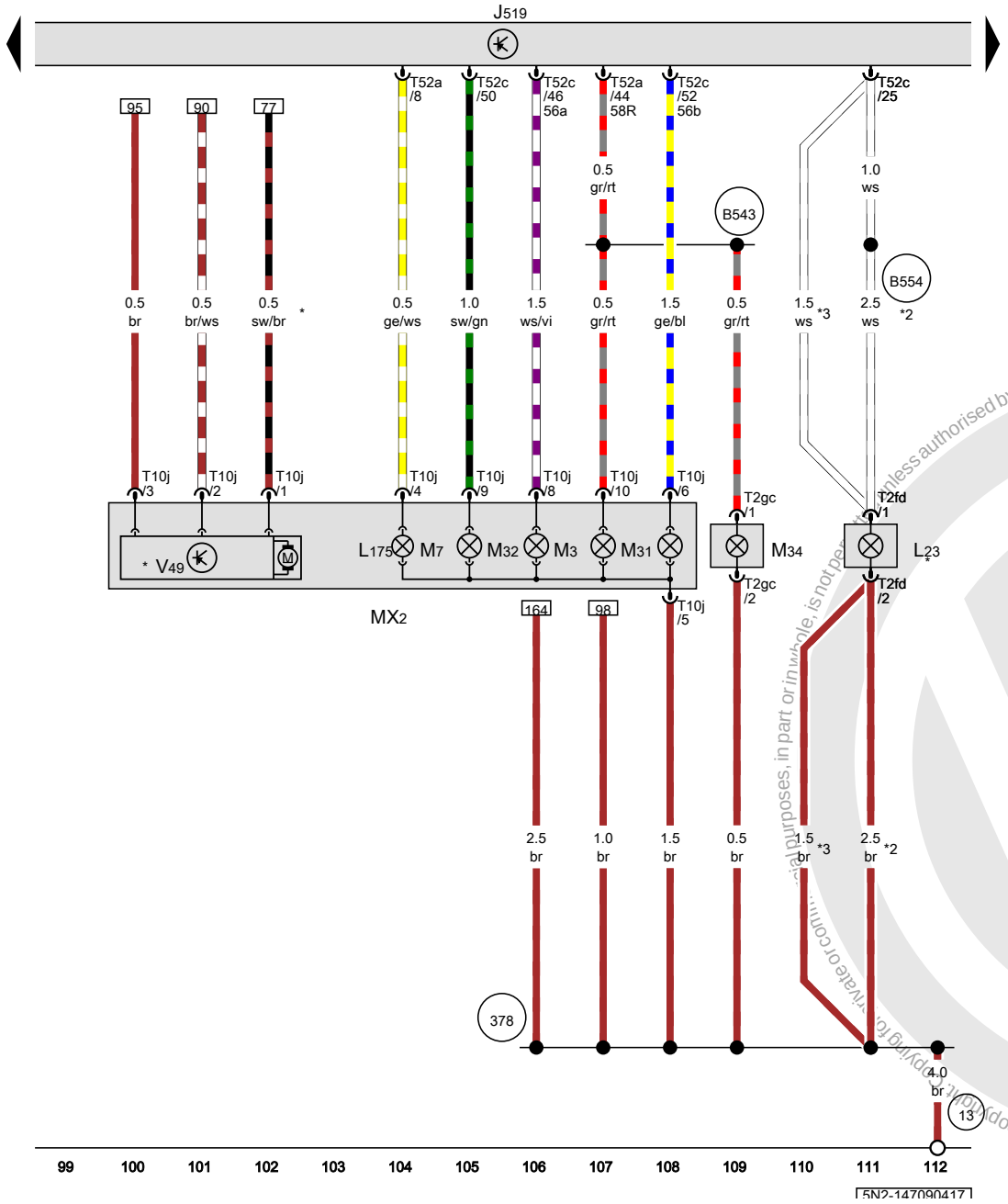


E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
H2	Treble horn
H7	Bass horn
J4	Dual tone horn relay
J519	Onboard supply control unit
L105	Illumination regulator illumination bulb
SB3	Fuse 3 on fuse holder B
T2fc	2-pin connector
T2gd	2-pin connector
T8e	8-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
A90	Connection (dual tone horn), in dash panel wiring harness
B457	Connection 1 (potentiometer), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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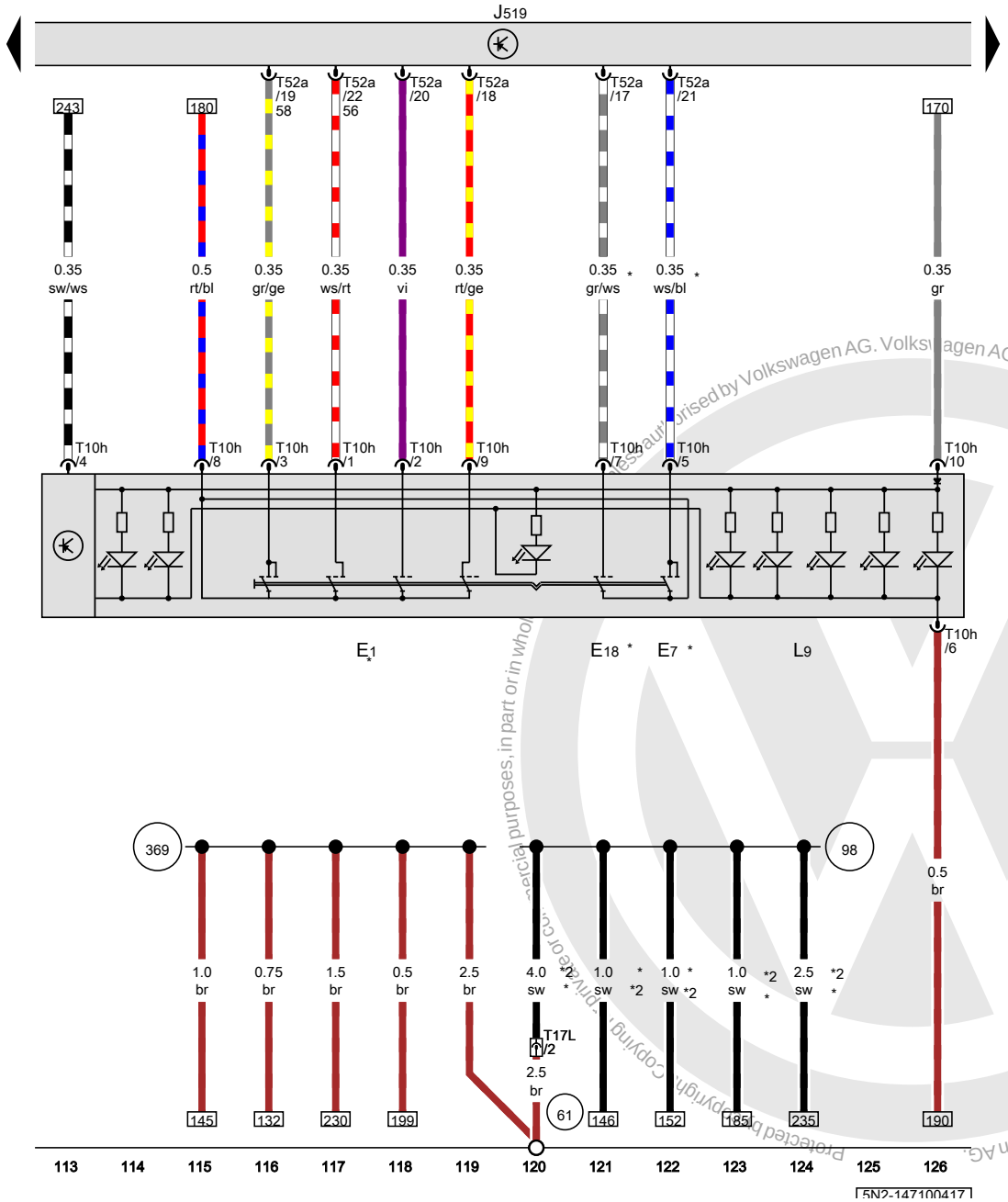
Onboard supply control unit, Right fog light bulb, Front right headlight



J519	Onboard supply control unit
L23	Right fog light bulb
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
M34	Front right side marker bulb
T2fd	2-pin connector
T2gc	2-pin connector
T10j	10-pin connector
T52a	52-pin connector
T52c	52-pin connector
V49	Right headlight range control motor
13	Earth point, on right in engine compartment
378	Earth connection 13, in main wiring harness
B543	Positive connection (58R), in main wiring harness
B554	Connection (fog light), in main wiring harness
*	According to equipment
*2	Up to May 2014
*3	From May 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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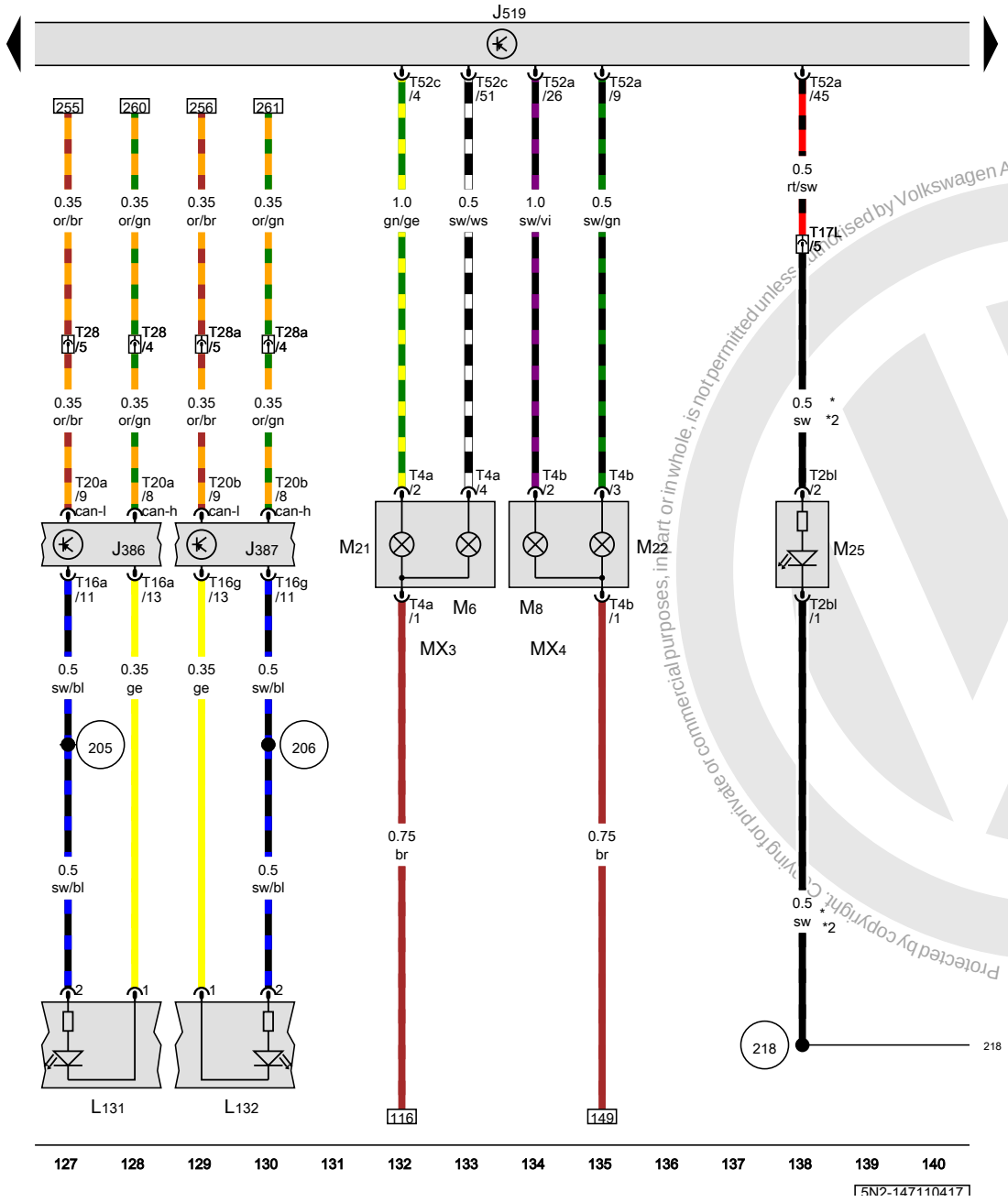


Light switch, Onboard supply control unit

E1	Light switch
E7	Fog light switch
E18	Rear fog light switch
J519	Onboard supply control unit
L9	Light switch illumination bulb
T10h	10-pin connector
T17L	17-pin connector
T52a	52-pin connector
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
369	Earth connection 4, in main wiring harness
*	According to equipment
*2	Wire colour is white and wire is printed

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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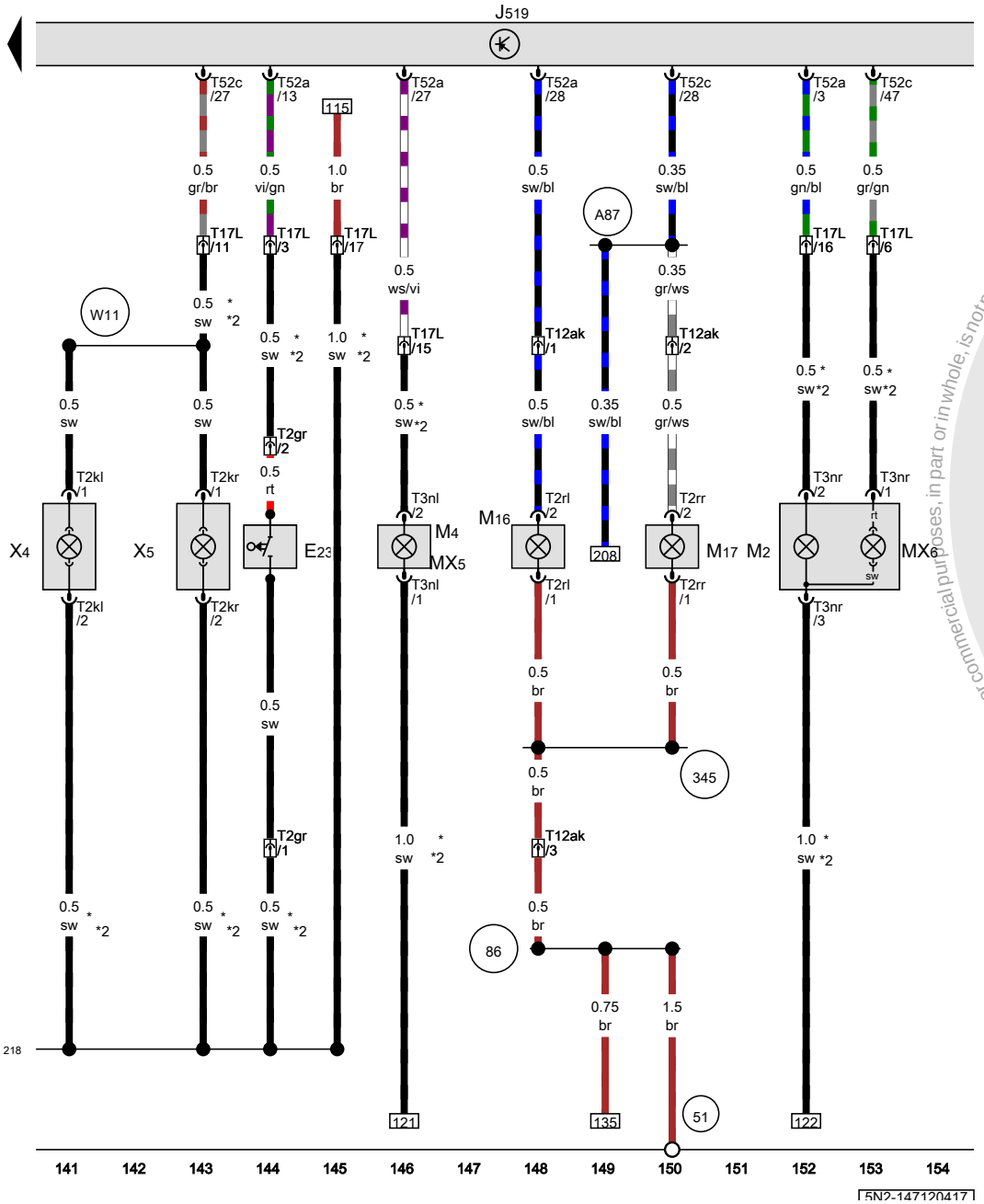


Driver door control unit, Front passenger door control unit, Onboard supply control unit, Driver side turn signal repeater bulb, Front passenger side turn signal repeater bulb, Left tail light, Right tail light, High-level brake light bulb

J386	Driver door control unit
J387	Front passenger door control unit
J519	Onboard supply control unit
L131	Driver side turn signal repeater bulb
L132	Front passenger side turn signal repeater bulb
MX3	Left tail light
MX4	Right tail light
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	High-level brake light bulb
T2bl	2-pin connector
T4a	4-pin connector
T4b	4-pin connector
T16a	16-pin connector
T16g	16-pin connector
T17L	17-pin connector
T20a	20-pin connector
T20b	20-pin connector
T28	28-pin connector
T28a	28-pin connector
T52a	52-pin connector
T52c	52-pin connector
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
218	Earth connection 1, in rear lid wiring harness
*	According to equipment
*2	Wire colour is white and wire is printed

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
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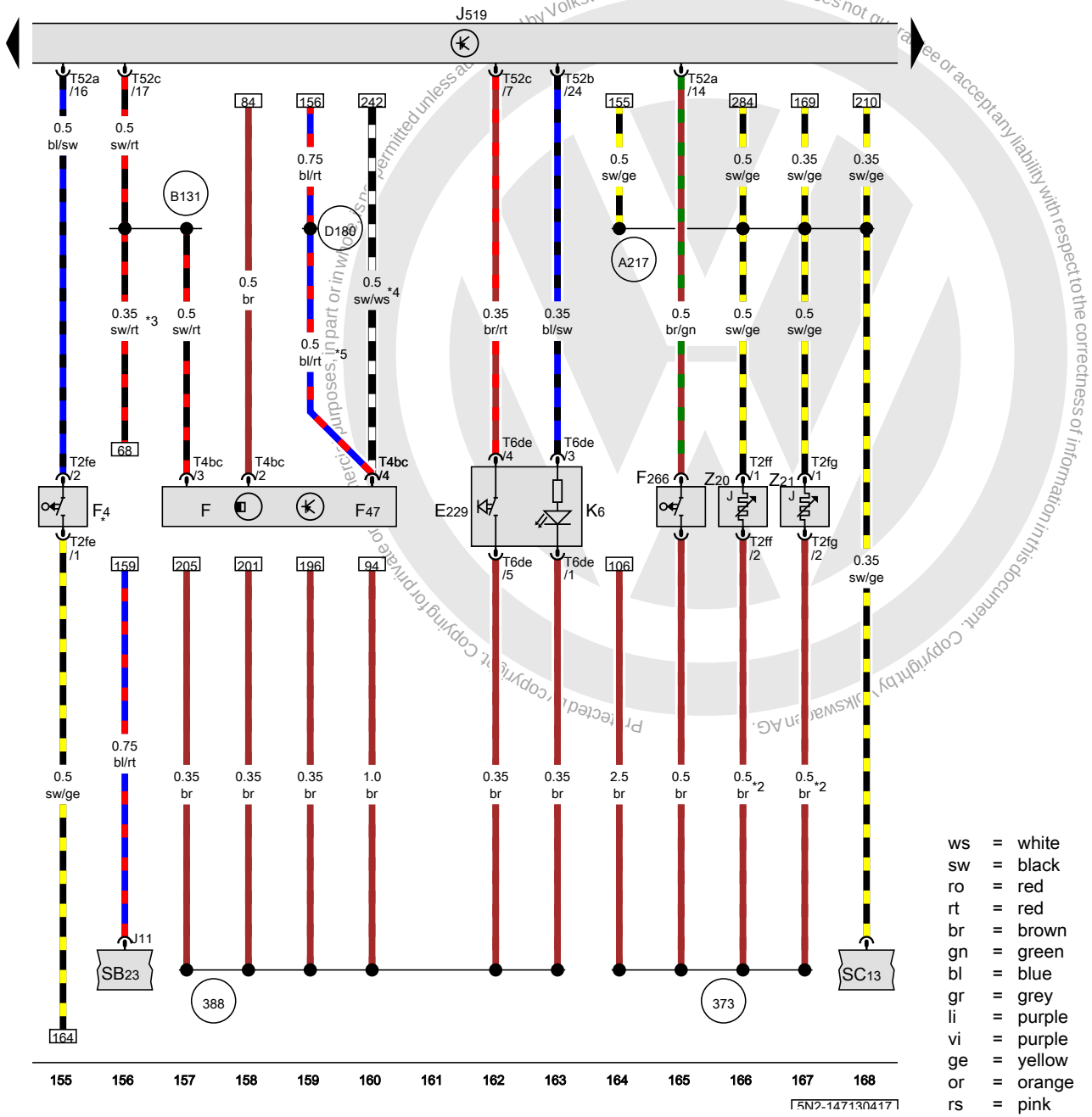


Onboard supply control unit, Left tail light 2, Right tail light 2, Left reversing light bulb, Right reversing light bulb, Left number plate light, Right number plate light

E234	Rear lid handle release button
J519	Onboard supply control unit
M2	Right tail light bulb
M4	Left tail light bulb
MX5	Left tail light 2
MX6	Right tail light 2
M16	Left reversing light bulb
M17	Right reversing light bulb
T2gr	2-pin connector
T2kl	2-pin connector
T2kr	2-pin connector
T2rl	2-pin connector
T2rr	2-pin connector
T3nl	3-pin connector
T3nr	3-pin connector
T12ak	12-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52c	52-pin connector
X4	Left number plate light
X5	Right number plate light
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
218	Earth connection 1, in rear lid wiring harness
345	Earth connection, in bumper wiring harness
A87	Connection (RL), in dash panel wiring harness
W11	Connection (58), in rear lid wiring harness
*	According to equipment
*2	Wire colour is white and wire is printed

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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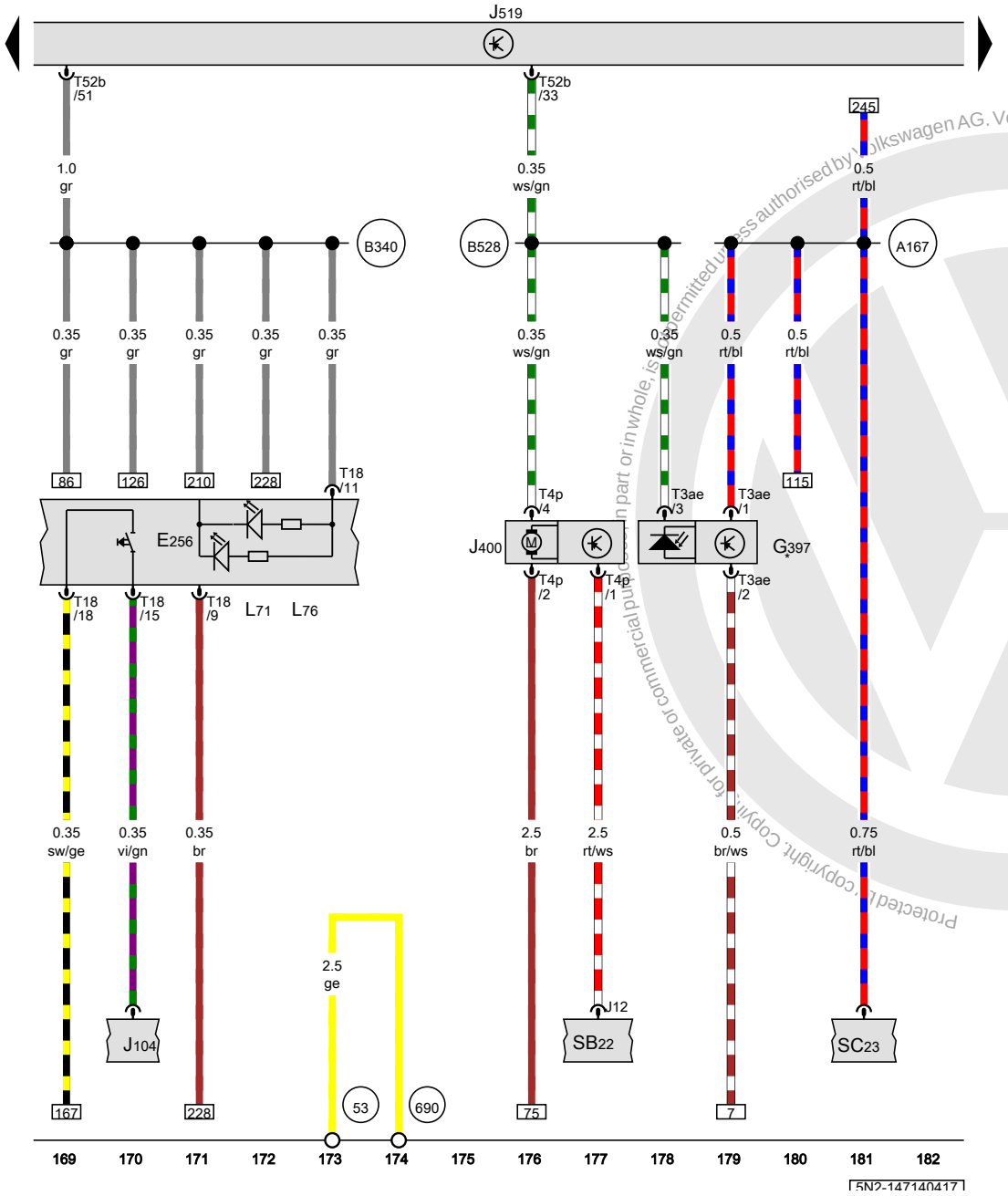


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Hazard warning lights button, Brake light switch, Reversing light switch, Bonnet contact switch, Onboard supply control unit, Left washer jet heater element, Right washer jet heater element

E229	Hazard warning lights button
F	Brake light switch
F4	Reversing light switch
F47	Brake pedal switch
F266	Bonnet contact switch
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
SC13	Fuse 13 on fuse holder C
SB23	Fuse 23 on fuse holder B
T2fe	2-pin connector
T2ff	2-pin connector
T2fg	2-pin connector
T4bc	4-pin connector
T6de	6-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
373	Earth connection 8, in main wiring harness
388	Earth connection 23, in main wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B131	Connection (54), in interior wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	For models with automatic gearbox
*2	According to equipment
*3	see applicable current flow diagram for engine
*4	Up to November 2011
*5	From November 2011

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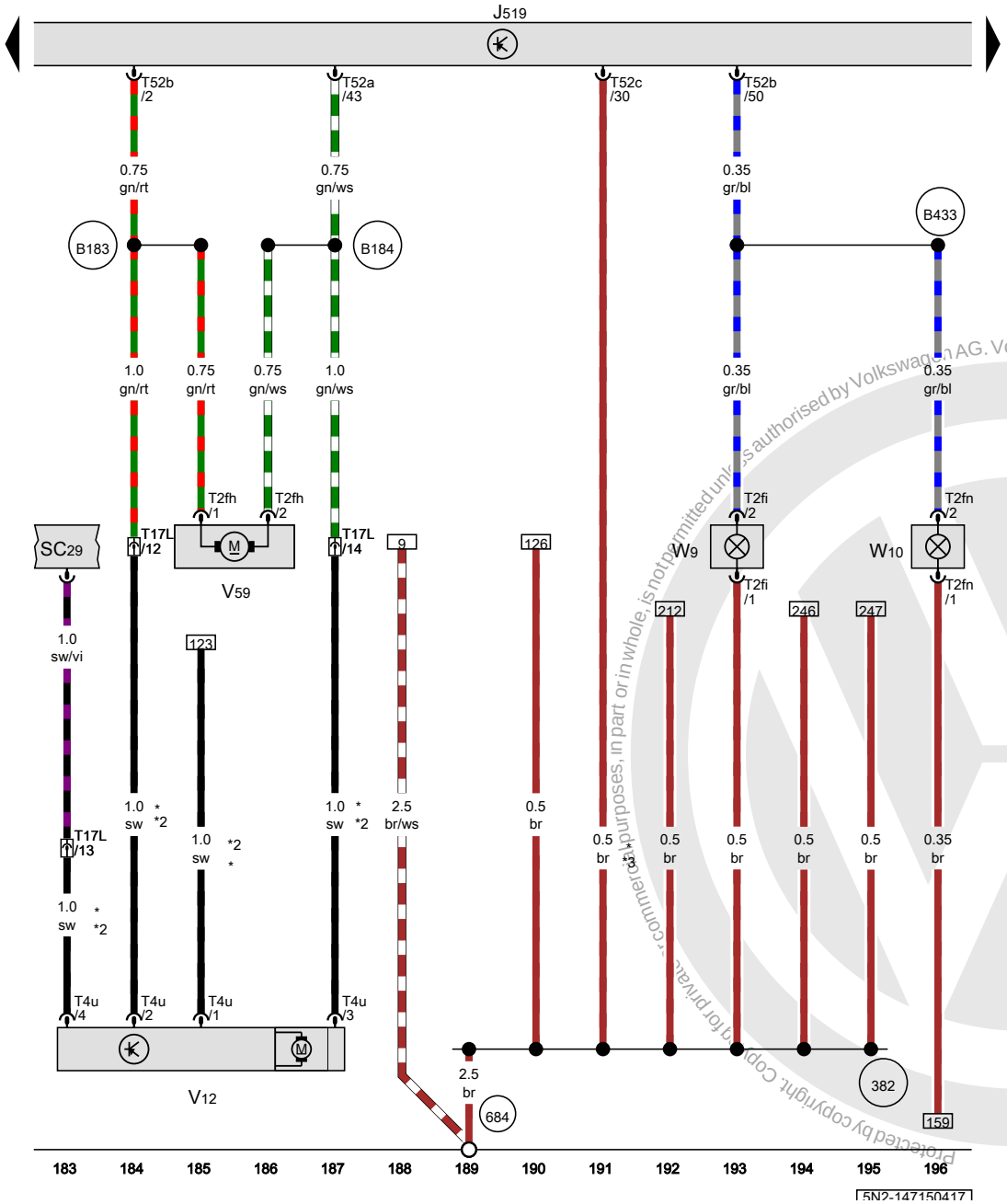


Button for TCS and electronic stabilisation program, Rain and light sensor, Wiper motor control unit, Onboard supply control unit

E256	Button for TCS and electronic stabilisation program
G397	Rain and light sensor
J104	ABS control unit
J400	Wiper motor control unit
J519	Onboard supply control unit
L71	Traction control switch illumination bulb
L76	Button illumination bulb
SB22	Fuse 22 on fuse holder B
SC23	Fuse 23 on fuse holder C
T3ae	3-pin connector
T4p	4-pin connector
T18	18-pin connector
T52b	52-pin connector
53	Earth point, on right in rear lid
690	Earth point, rear centre roof frame
A167	Positive connection 3 (30a) in dash panel wiring harness
B340	Connection 1 (58d), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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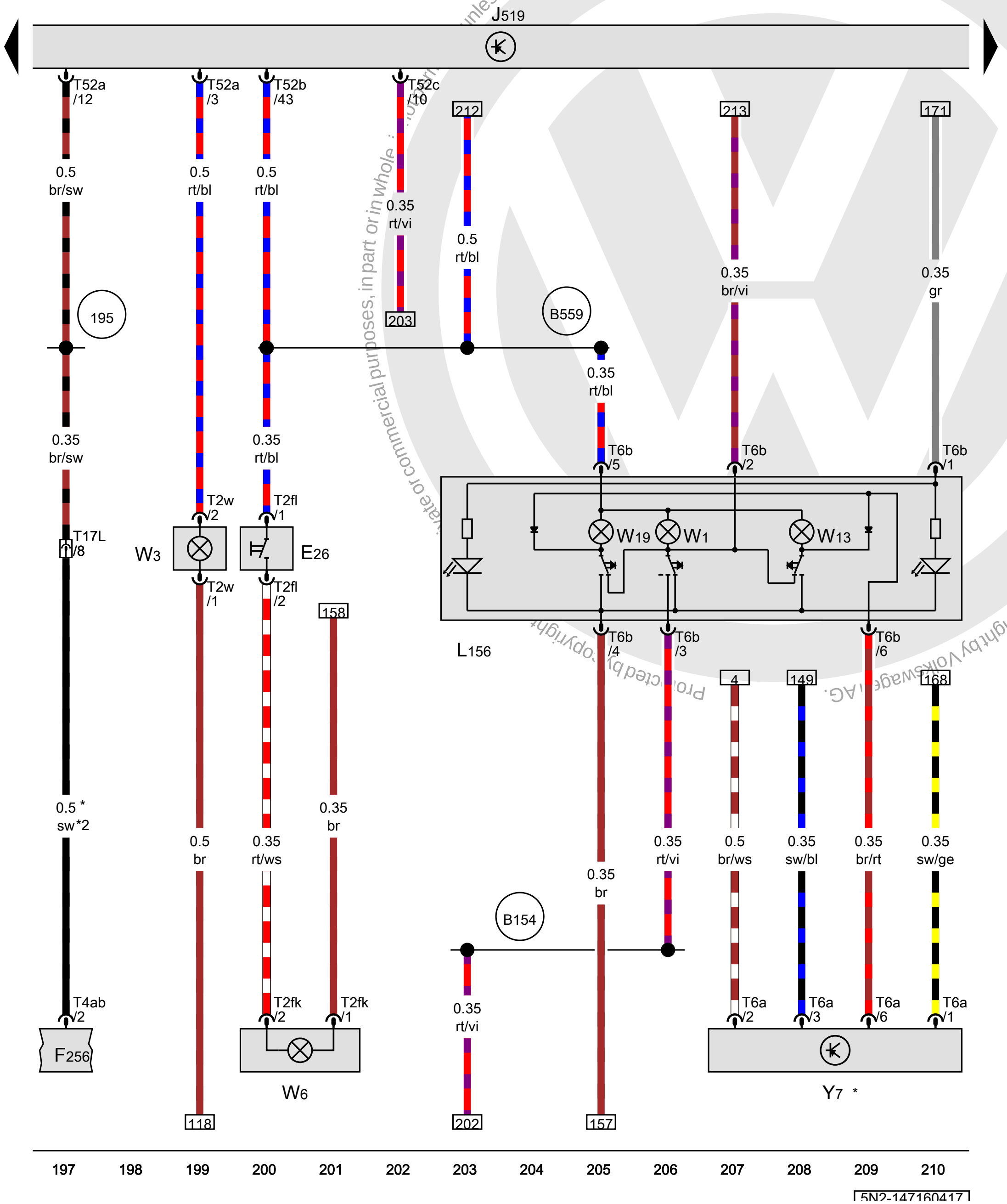
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sw = black
ro = red
rt = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump, Left footwell light, Right footwell light

J519	Onboard supply control unit
SC29	Fuse 29 on fuse holder C
T2fh	2-pin connector
T2fi	2-pin connector
T2fn	2-pin connector
T4u	4-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
W9	Left footwell light
W10	Right footwell light
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
B183	Connection 1 (washer pump), in interior wiring harness
B184	Connection 2 (washer pump), in interior wiring harness
B433	Connection (footwell light), in main wiring harness
*	According to equipment
*2	Wire colour is white and wire is printed
*3	see applicable current flow diagram for gearbox

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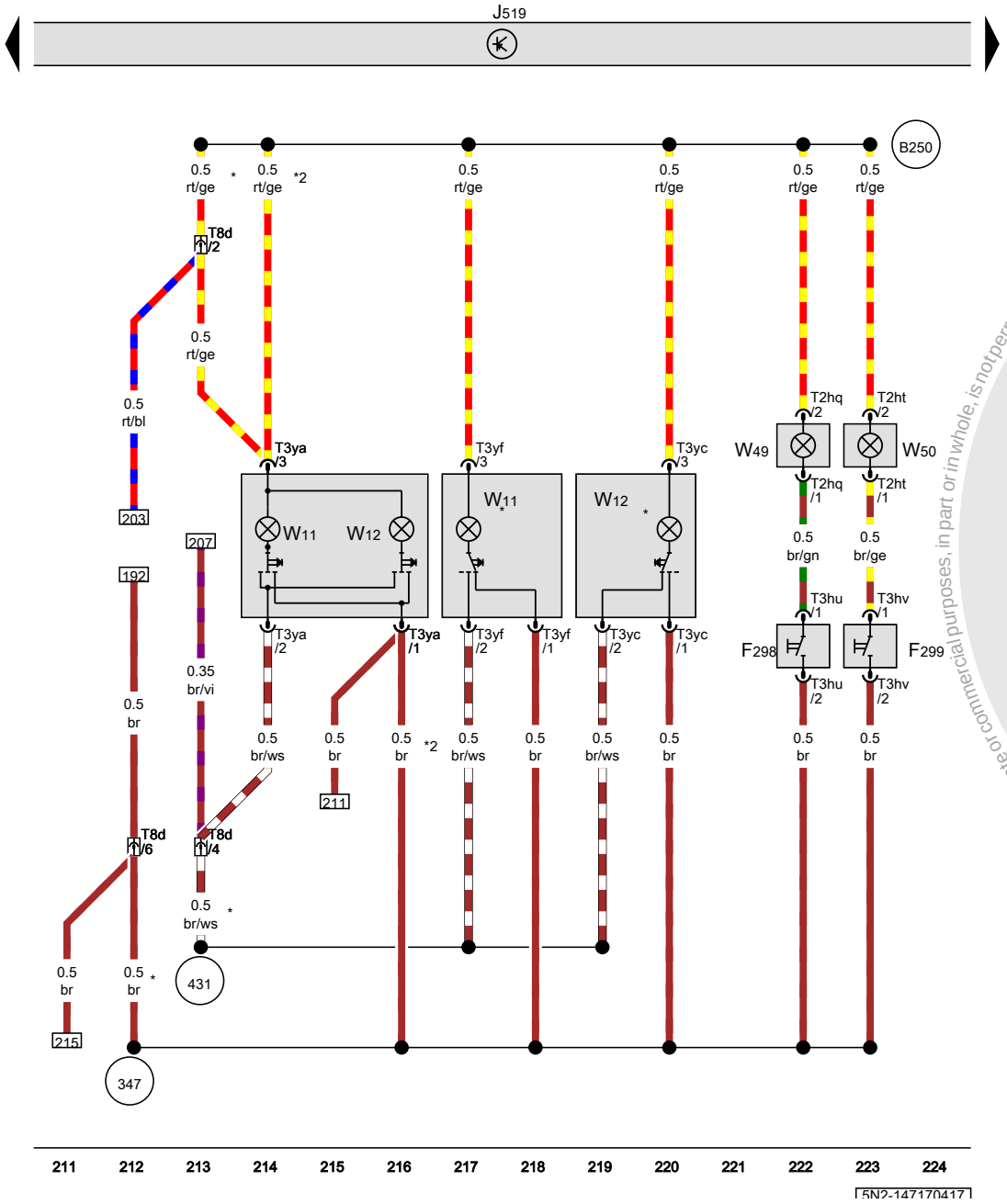
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Onboard supply control unit, Front interior light, Luggage compartment light, Glove compartment light, Automatic anti-dazzle interior mirror

E26	Glove compartment light switch
F256	Rear lid lock unit
J519	Onboard supply control unit
L156	Switch illumination bulb
T2fk	2-pin connector
T2fl	2-pin connector
T2w	2-pin connector
T4ab	4-pin connector
T6a	6-pin connector
T6b	6-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
W1	Front interior light
W3	Luggage compartment light
W6	Glove compartment light
W13	Front passenger reading light
W19	Driver side reading light
Y7	Automatic anti-dazzle interior mirror
195	Earth connection, in rear door switch wiring harness
B154	Connection 1 (DCt), in interior wiring harness
B559	Positive connection 1 (30g), in main wiring harness
*	According to equipment
*2	Wire colour is white and wire is printed

ws	=	white
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ro	=	red
rt	=	red
br	=	brown
gn	=	green
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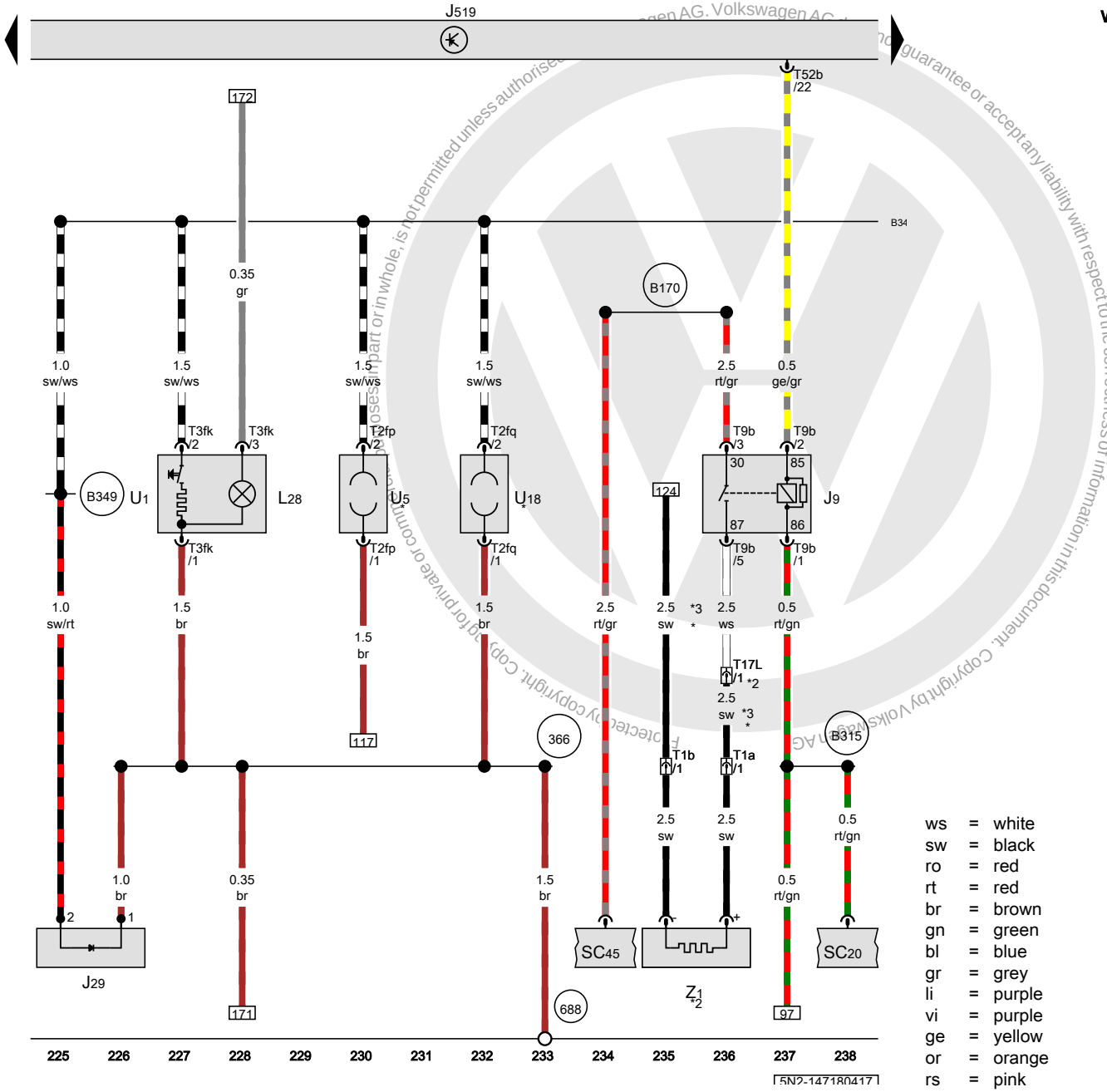


Onboard supply control unit, Rear left reading light, Rear left illuminated vanity mirror, Rear right illuminated vanity mirror

F298	Rear left vanity mirror contact switch
F299	Rear right vanity mirror contact switch
J519	Onboard supply control unit
T2hq	2-pin connector
T2ht	2-pin connector
T3hu	3-pin connector
T3hv	3-pin connector
T3ya	3-pin connector
T3yc	3-pin connector
T3yf	3-pin connector
T8d	8-pin connector
W11	Rear left reading light
W12	Rear right reading light
W49	Rear left illuminated vanity mirror
W50	Rear right illuminated vanity mirror
347	Earth connection, in roof wiring harness
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
*	Only models with panoramic sliding sunroof
*2	For models with illuminated vanity mirror

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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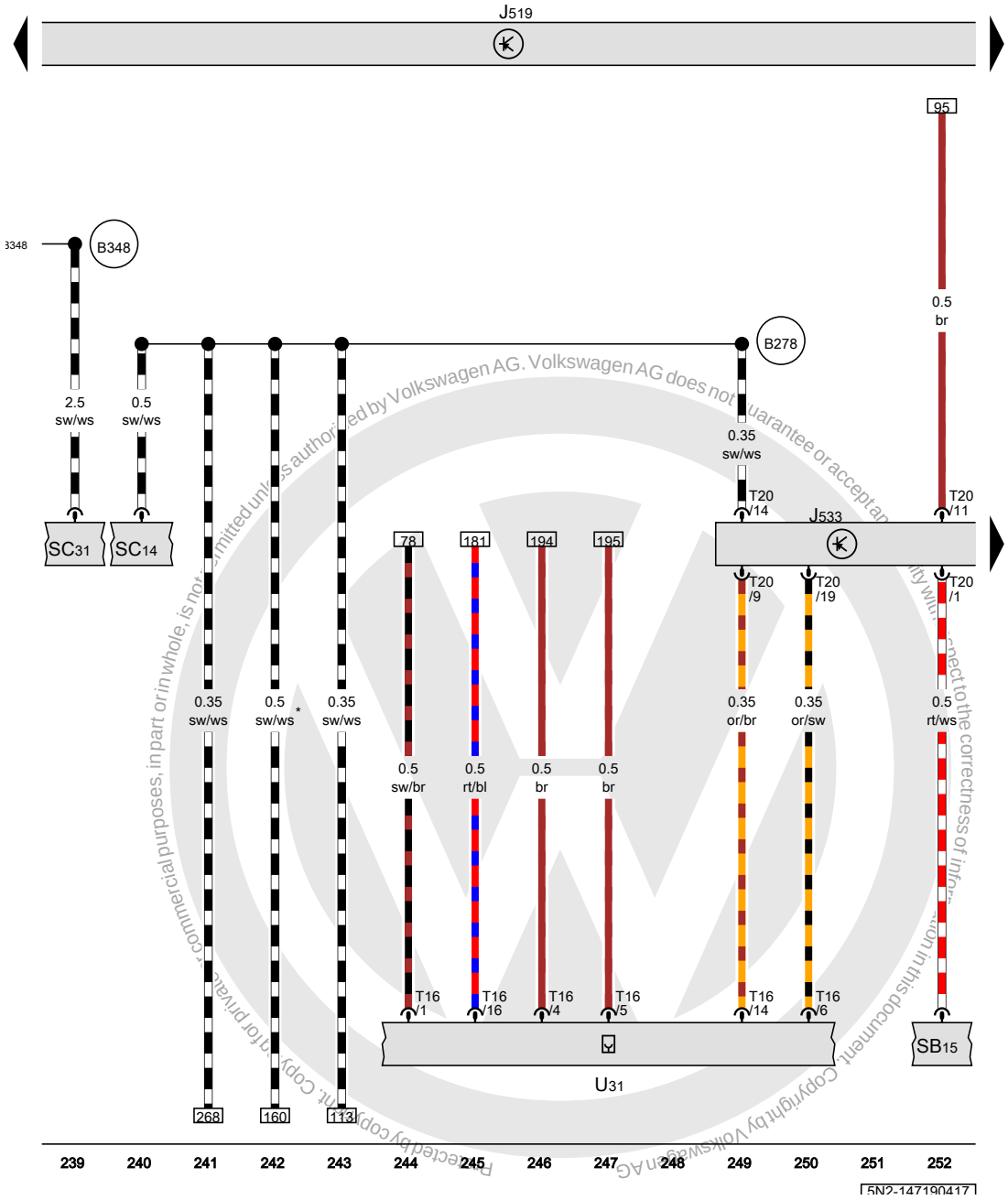


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Heated rear window relay, Onboard supply control unit, Cigarette lighter, 12 V socket, 12 V socket 2, Heated rear window

J9	Heated rear window relay
J29	Blocking diode
J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
SC20	Fuse 20 on fuse holder C
SC45	Fuse 45 on fuse holder C
T1a	1-pin connector
T1b	1-pin connector
T2fp	2-pin connector
T2fq	2-pin connector
T3fk	3-pin connector
T9b	9-pin connector
T17L	17-pin connector
T52b	52-pin connector
U1	Cigarette lighter, in front centre console
U5	12 V socket, in luggage compartment
U18	12 V socket 2, in rear centre console
Z1	Heated rear window
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B170	Positive connection 2 (30), in interior wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B348	Connection 1 (75a), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for radio/ radio navigation system
*3	Wire colour is white and wire is printed

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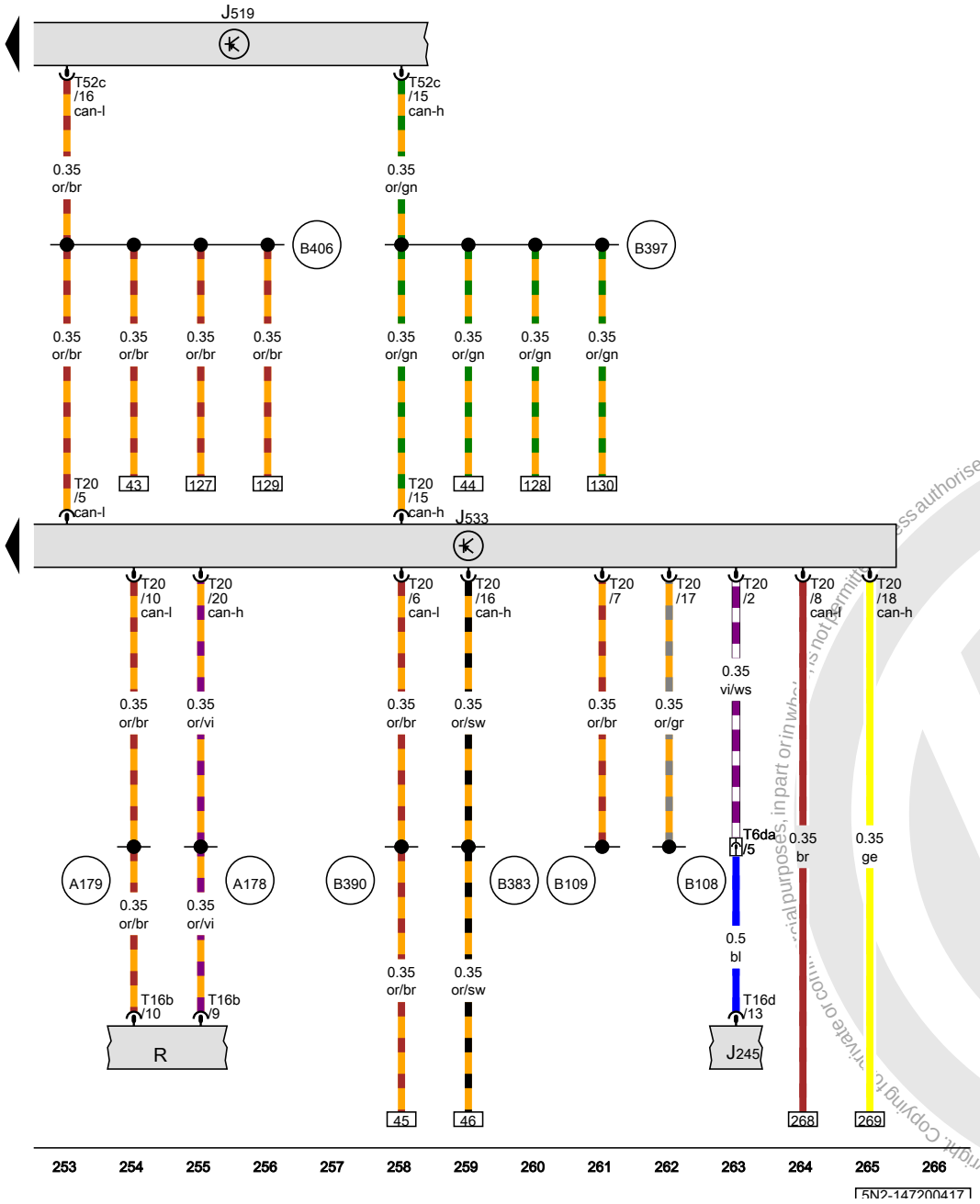


Onboard supply control unit, Data bus diagnostic interface, Diagnostic connection

J519	Onboard supply control unit
J533	Data bus diagnostic interface
SC14	Fuse 14 on fuse holder C
SB15	Fuse 15 on fuse holder B
SC31	Fuse 31 on fuse holder C
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
B278	Positive connection 2 (15a) in main wiring harness
B348	Connection 1 (75a), in main wiring harness
*	Up to November 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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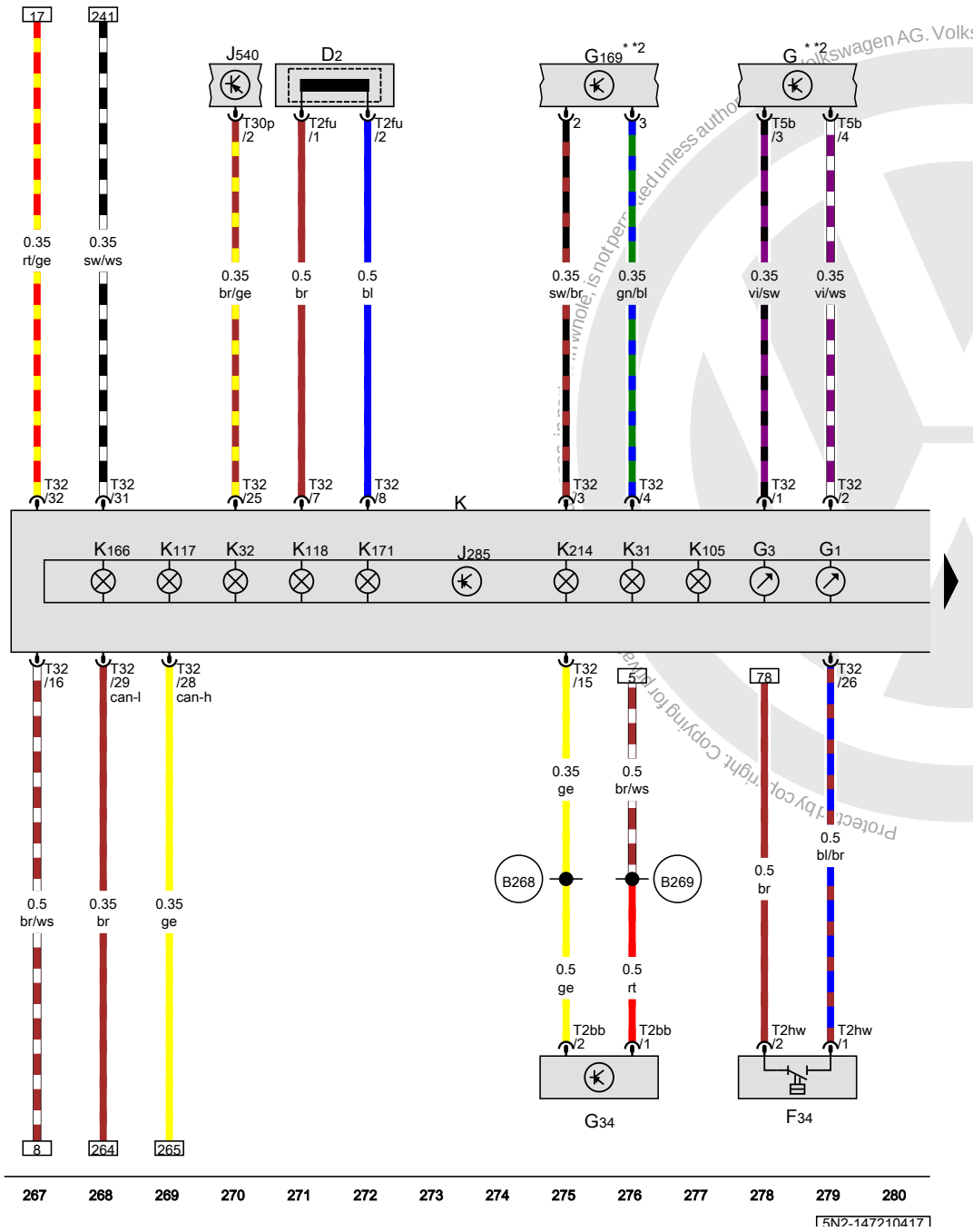


Onboard supply control unit, Data bus diagnostic interface

J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
R	Radio
T6da	6-pin connector
T16b	16-pin connector
T16d	16-pin connector
T20	20-pin connector
T52c	52-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

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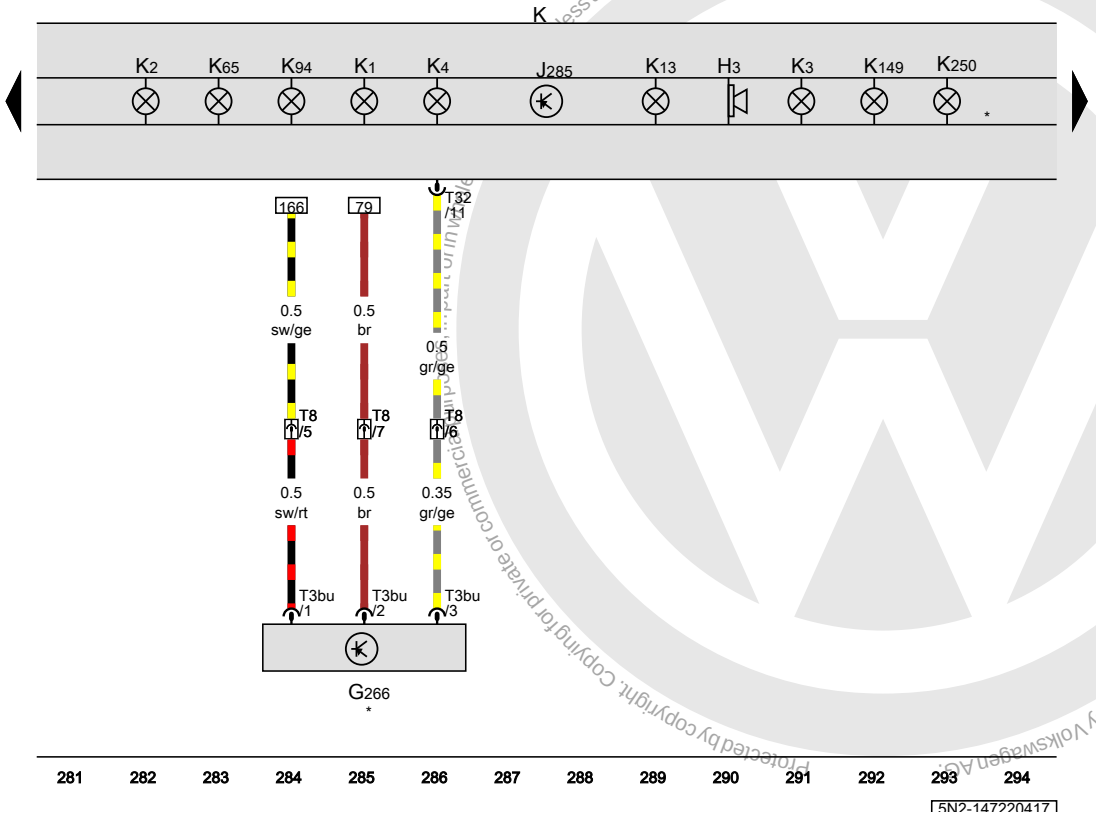
Immobiliser reader coil, Fuel gauge sender, Front left brake pad wear sender, Control unit in dash panel insert, Dash panel insert

D2	Immobiliser reader coil
F34	Brake fluid level warning contact
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G34	Front left brake pad wear sender
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J540	Control unit for electromechanical parking brake
K	Dash panel insert
K31	Cruise control system warning lamp
K32	Brake pad warning lamp
K105	Reserve fuel warning lamp
K117	Immobiliser warning lamp
K118	Brake system warning lamp
K166	Door open warning lamp
K171	Bonnet open warning lamp
K214	Electric parking brake and handbrake fault warning lamp
T2bb	2-pin connector
T2fu	2-pin connector
T2hw	2-pin connector
T5b	5-pin connector
T30p	30-pin connector
T32	32-pin connector
B268	Connection 1 (brake pad wear indicator), in interior wiring harness
B269	Connection 2 (brake pad wear indicator), in interior wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine

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Control unit in dash panel insert, Dash panel insert

G266	Oil level and oil temperature sender
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K4	Side light warning lamp
K13	Rear fog light warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
K149	Engine electronics warning lamp
K250	Warning lamp for hill descent control
T3bu	3-pin connector
T8	8-pin connector
T32	32-pin connector
*	According to equipment

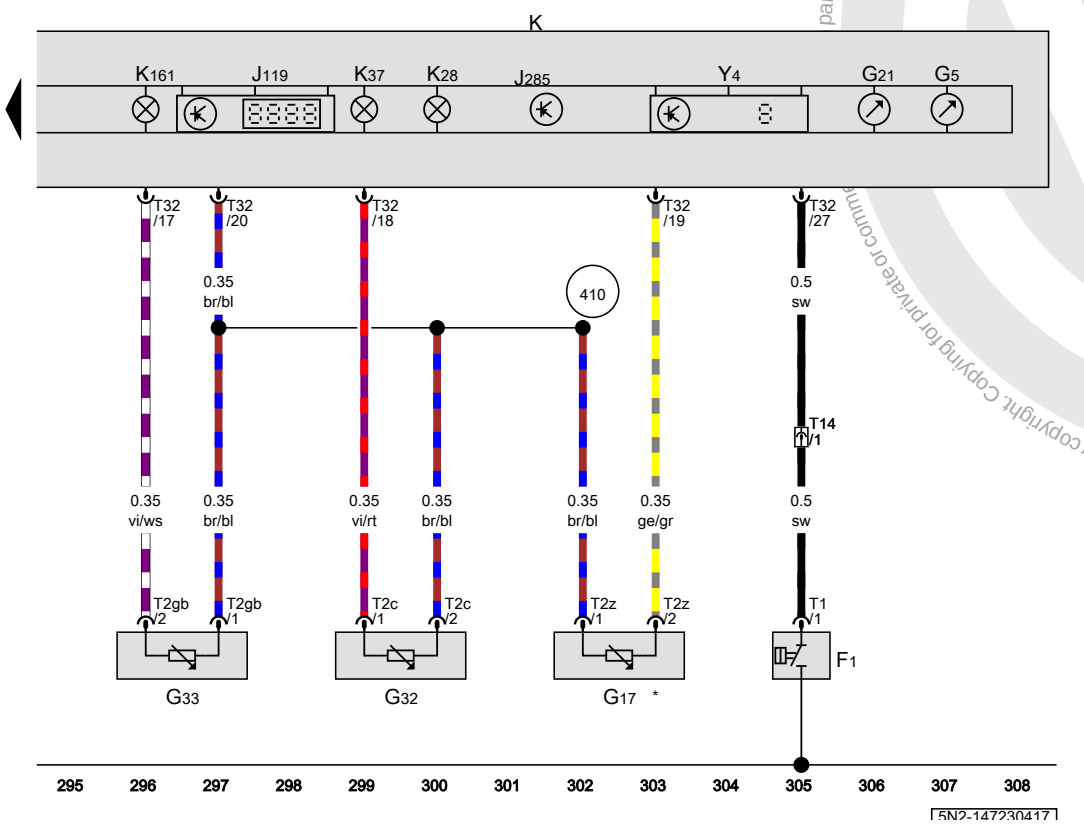


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Oil pressure switch, Ambient temperature sensor, Coolant shortage indicator sender, Windscreen washer fluid level sender, Control unit in dash panel insert, Dash panel insert

F1	Oil pressure switch
G5	Rev. counter
G17	Ambient temperature sensor
G21	Speedometer
G32	Coolant shortage indicator sender
G33	Windscreen washer fluid level sender
J119	Multifunction indicator
J285	Control unit in dash panel insert
K	Dash panel insert
K28	Coolant temperature and coolant shortage warning lamp
K37	Washer fluid level warning lamp
K161	Electromechanical power steering warning lamp
T1	1-pin connector
T2c	2-pin connector
T2gb	2-pin connector
T2z	2-pin connector
T14	14-pin connector
T32	32-pin connector
Y4	Trip counter
(410)	Earth connection 1 (sender earth) in main wiring harness
*	According to equipment



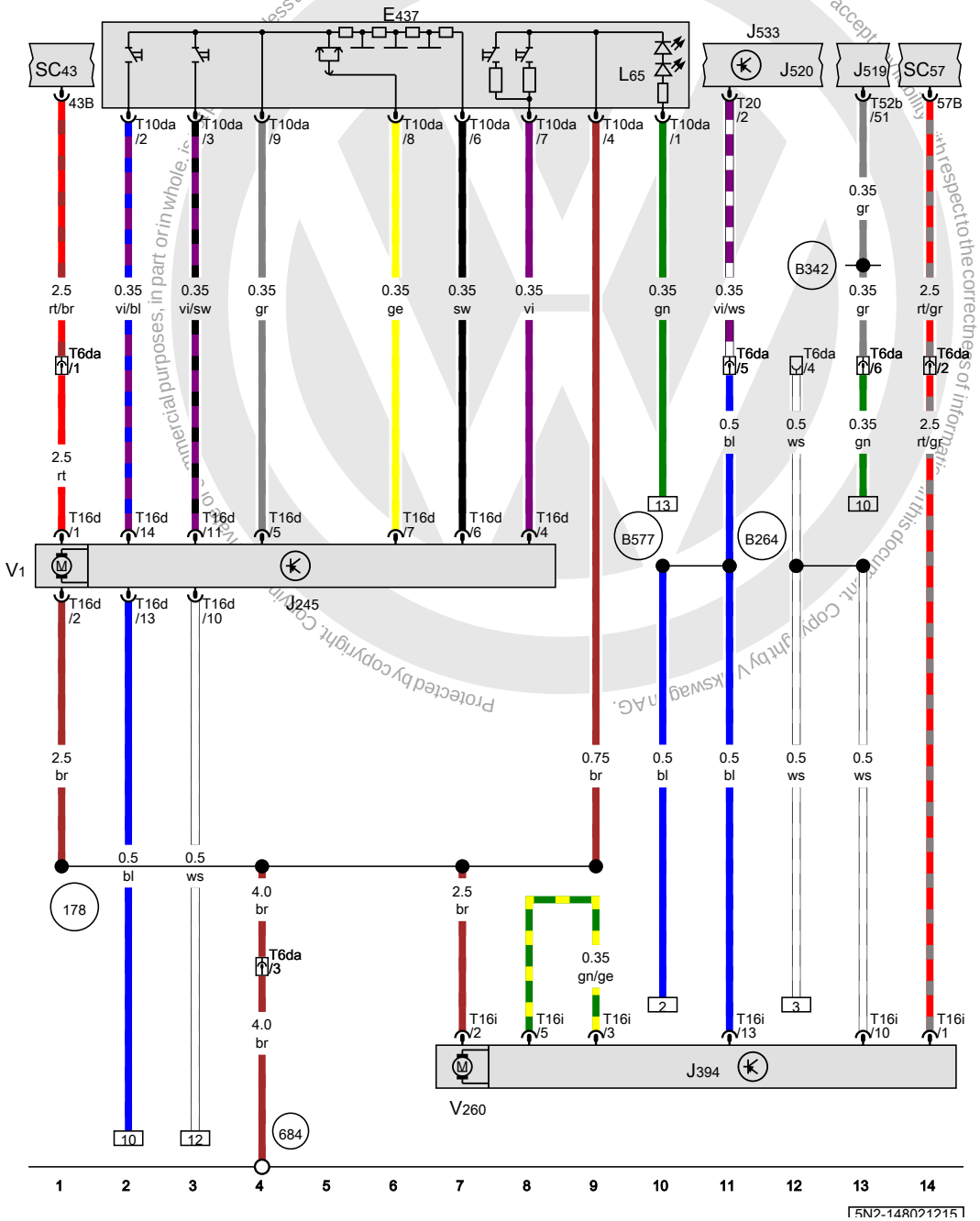
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Panoramic sliding sunroof , (3FU)

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Sun blind and sunroof button, Sliding sunroof adjustment control unit, Sunroof roller blind control unit

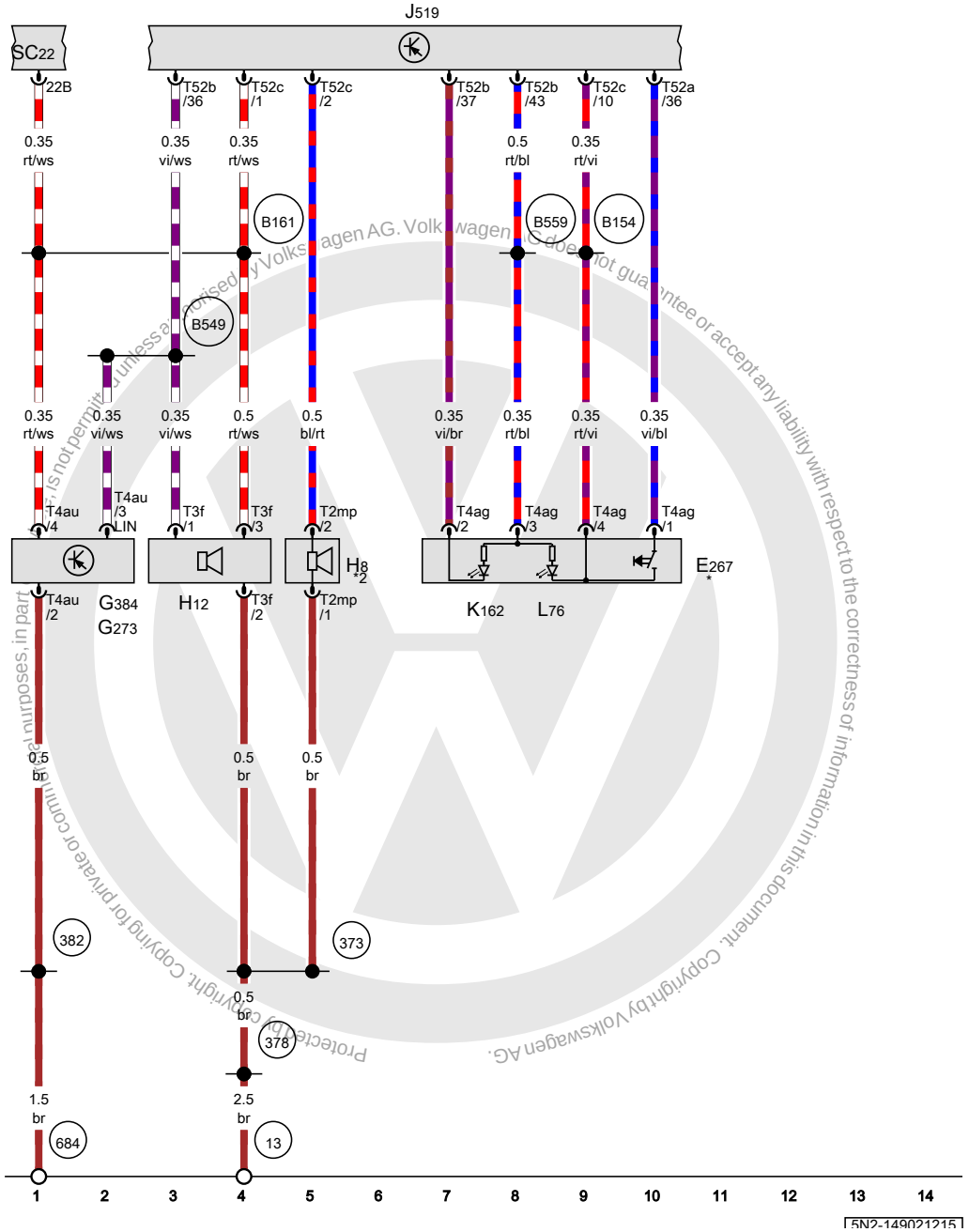
E437	Sun blind and sunroof button
J245	Sliding sunroof adjustment control unit
J394	Sunroof roller blind control unit
J519	Onboard supply control unit
J520	Onboard supply control unit 2
J533	Data bus diagnostic interface
L65	Sliding sunroof switch illumination bulb
SC43	Fuse 43 on fuse holder C
SC57	Fuse 57 on fuse holder C
T6da	6-pin connector
T10da	10-pin connector
T16d	16-pin connector
T16i	16-pin connector
T20	20-pin connector
T52b	52-pin connector
V1	Sliding sunroof motor
V260	Sunroof roller blind motor
178	Earth connection, in sliding sunroof wiring harness
684	Earth point on front of left side member
B264	Connection 1, in roof wiring harness
B342	Connection 3 (58d), in main wiring harness
B577	LIN bus connection, in roof wiring harness

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Anti-theft alarm system, interior monitor , (7AL),(7AG)

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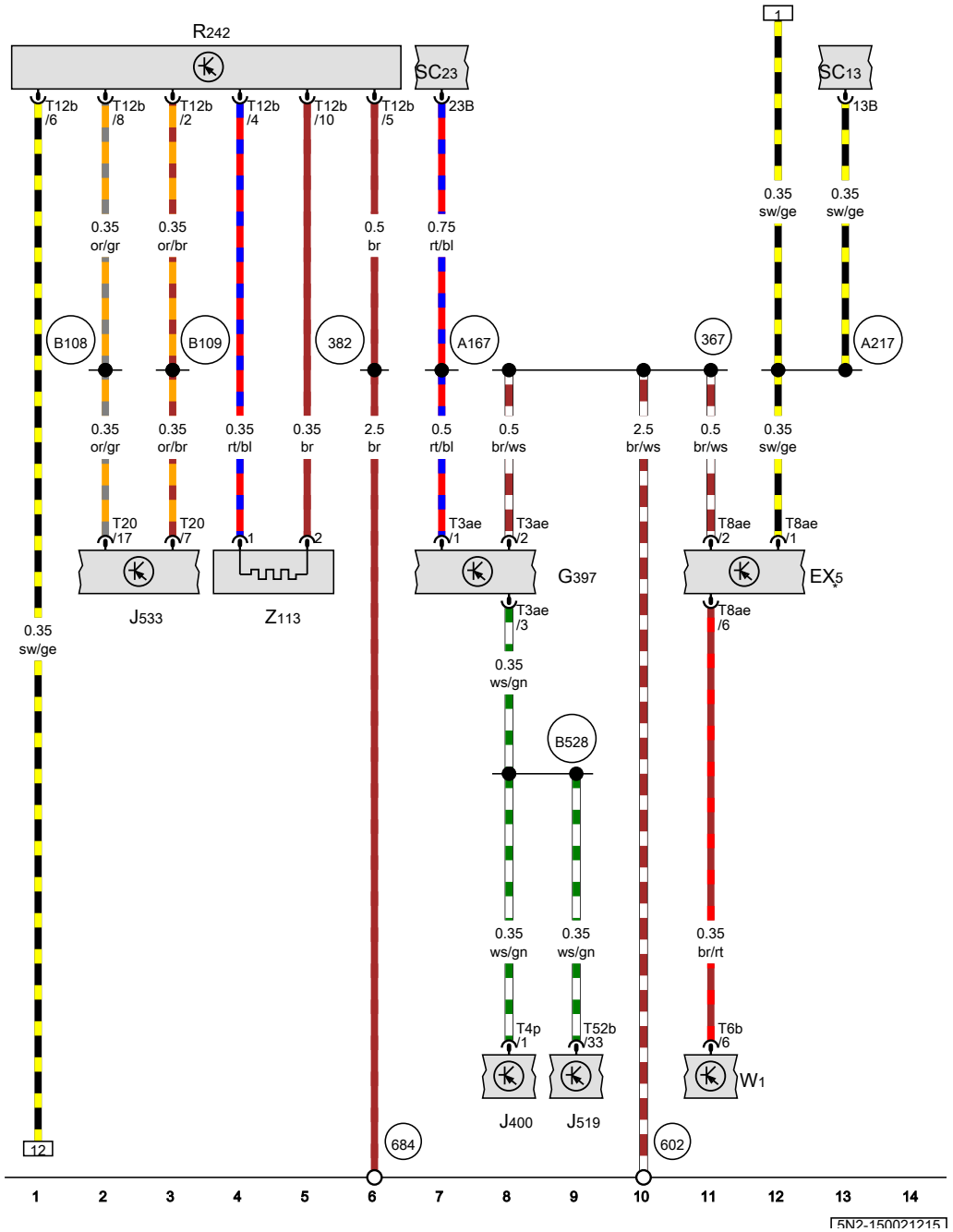
Interior monitoring deactivation switch, Interior monitoring sensor, Vehicle inclination sender, Anti-theft alarm system horn, Alarm horn, Onboard supply control unit

E267	Interior monitoring deactivation switch
G273	Interior monitoring sensor
G384	Vehicle inclination sender
H8	Anti-theft alarm system horn
H12	Alarm horn
J519	Onboard supply control unit
K162	Interior monitoring off warning lamp
L76	Button illumination bulb
SC22	Fuse 22 on fuse holder C
T2mp	2-pin connector
T3f	3-pin connector
T4ag	4-pin connector
T4au	4-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
13	Earth point, on right in engine compartment
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
B154	Connection 1 (DCt), in interior wiring harness
B161	Connection (ATA), in interior wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
B559	Positive connection 1 (30g), in main wiring harness
*	Only models with interior monitoring deactivation switch
*2	Country specific

Front camera for driver assist systems , (QK1),(8G1)

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Front camera for driver assist systems, Windscreen heater for front sensors

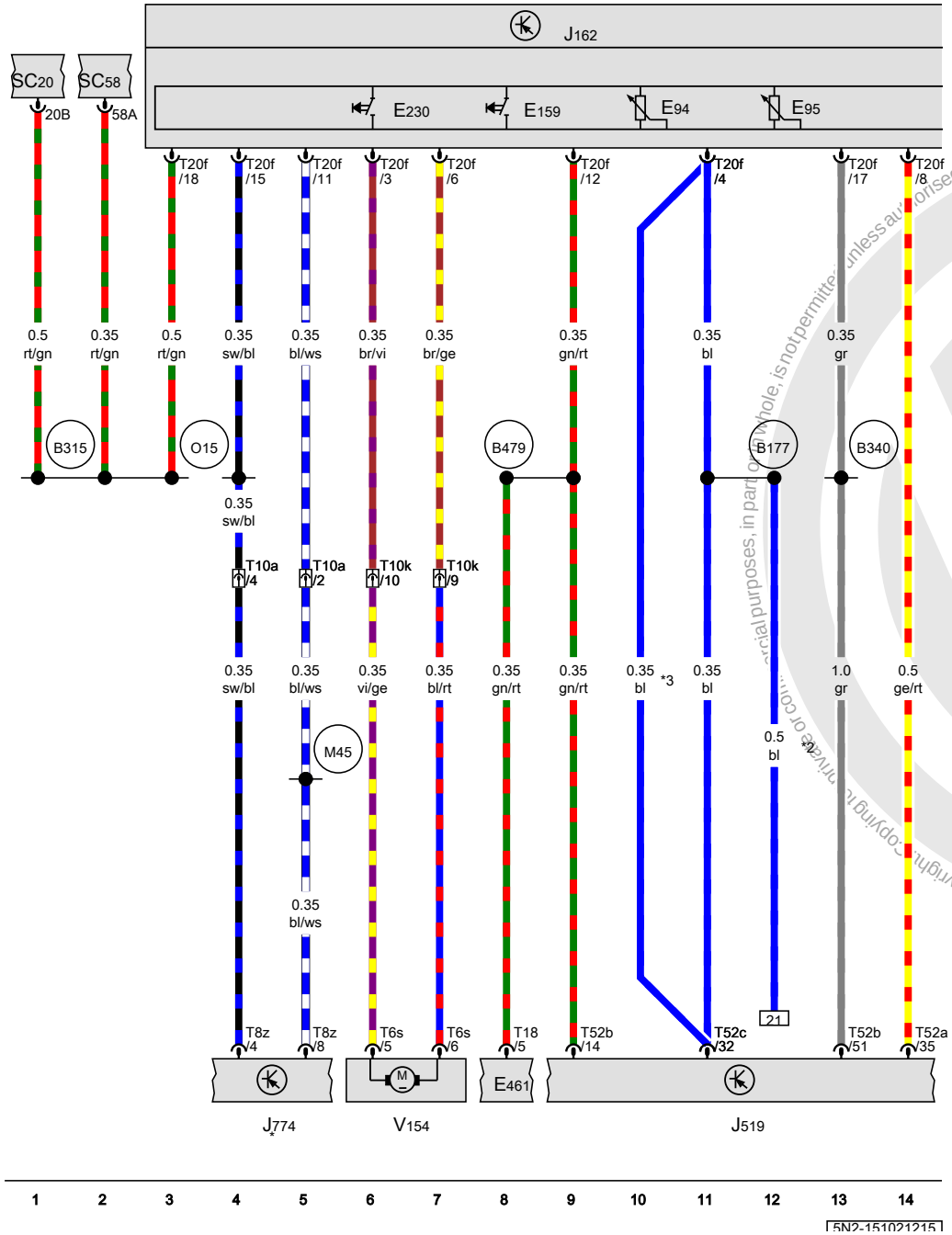
EX5	Interior mirror
G397	Rain and light sensor
J400	Wiper motor control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
R242	Front camera for driver assist systems
SC13	Fuse 13 on fuse holder C
SC23	Fuse 23 on fuse holder C
T3ae	3-pin connector
T4p	4-pin connector
T6b	6-pin connector
T8ae	8-pin connector
T12b	12-pin connector
T20	20-pin connector
T52b	52-pin connector
W1	Front interior light
Z113	Windscreen heater for front sensors
367	Earth connection 2, in main wiring harness
382	Earth connection 17, in main wiring harness
602	Earth point, in front left footwell
684	Earth point on front of left side member
A167	Positive connection 3 (30a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	According to equipment

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Manually controlled heater , (9AA)

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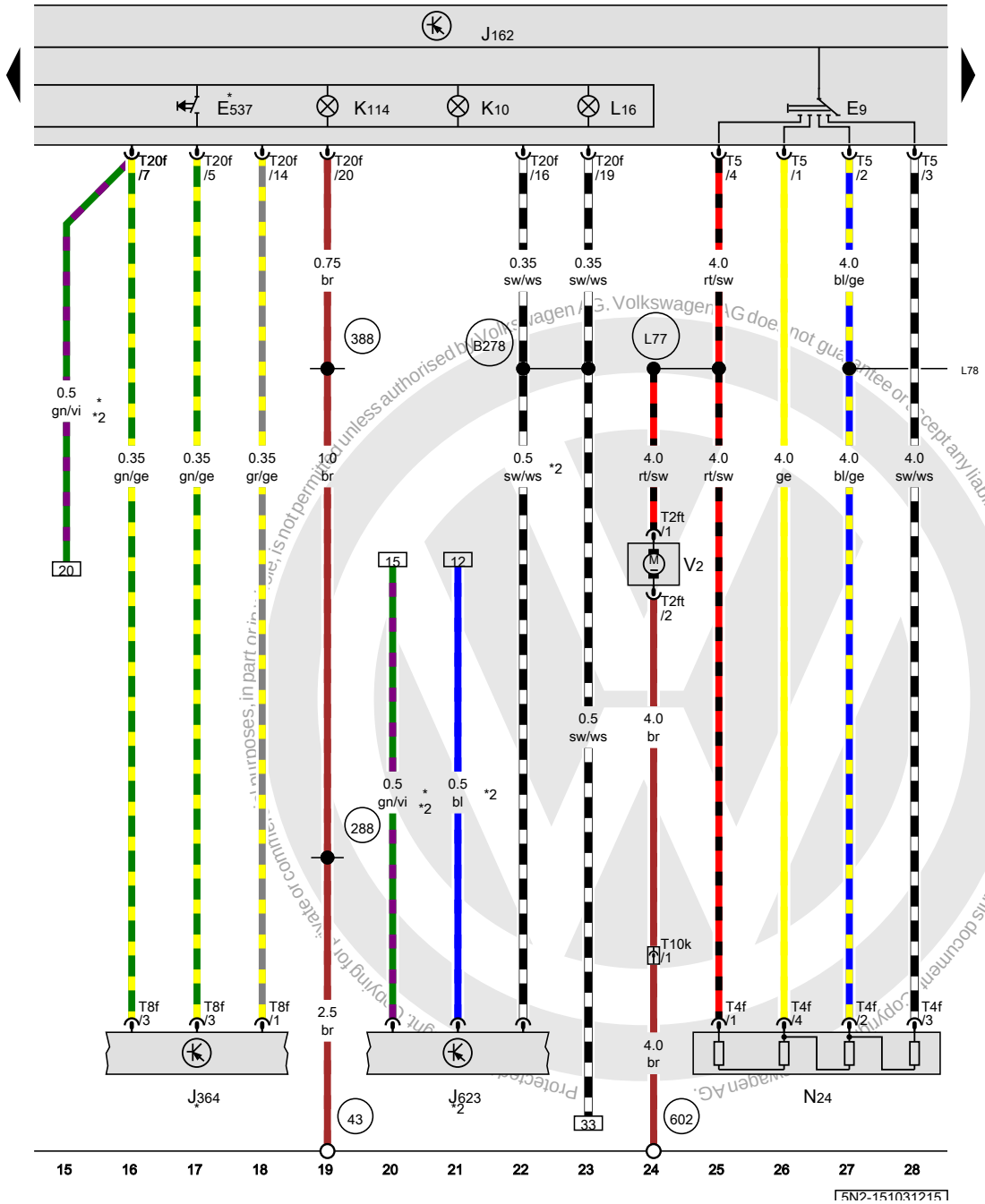
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Heater control unit, Heated front seats control unit, Fresh air and air recirculation flap control motor

E94	Heated driver seat regulator
E95	Heated front passenger seat regulator
E159	Fresh air and air recirculation flap switch
E230	Heated rear window button
E461	Operating unit in front of centre console
J162	Heater control unit
J519	Onboard supply control unit
J774	Heated front seats control unit
SC20	Fuse 20 on fuse holder C
SC58	Fuse 58 on fuse holder C
T6s	6-pin connector
T8z	8-pin connector
T10a	10-pin connector
T10k	10-pin connector
T18	18-pin connector
T20f	20-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
V154	Fresh air and air recirculation flap control motor
B177	Connection (61), in interior wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B479	Connection 15, in main wiring harness
M45	Connection 5, in driver seat wiring harness
O15	Connection 4, in seat heating wiring harness

* Only models with seat heating
*2 see applicable current flow diagram for engine
*3 According to equipment

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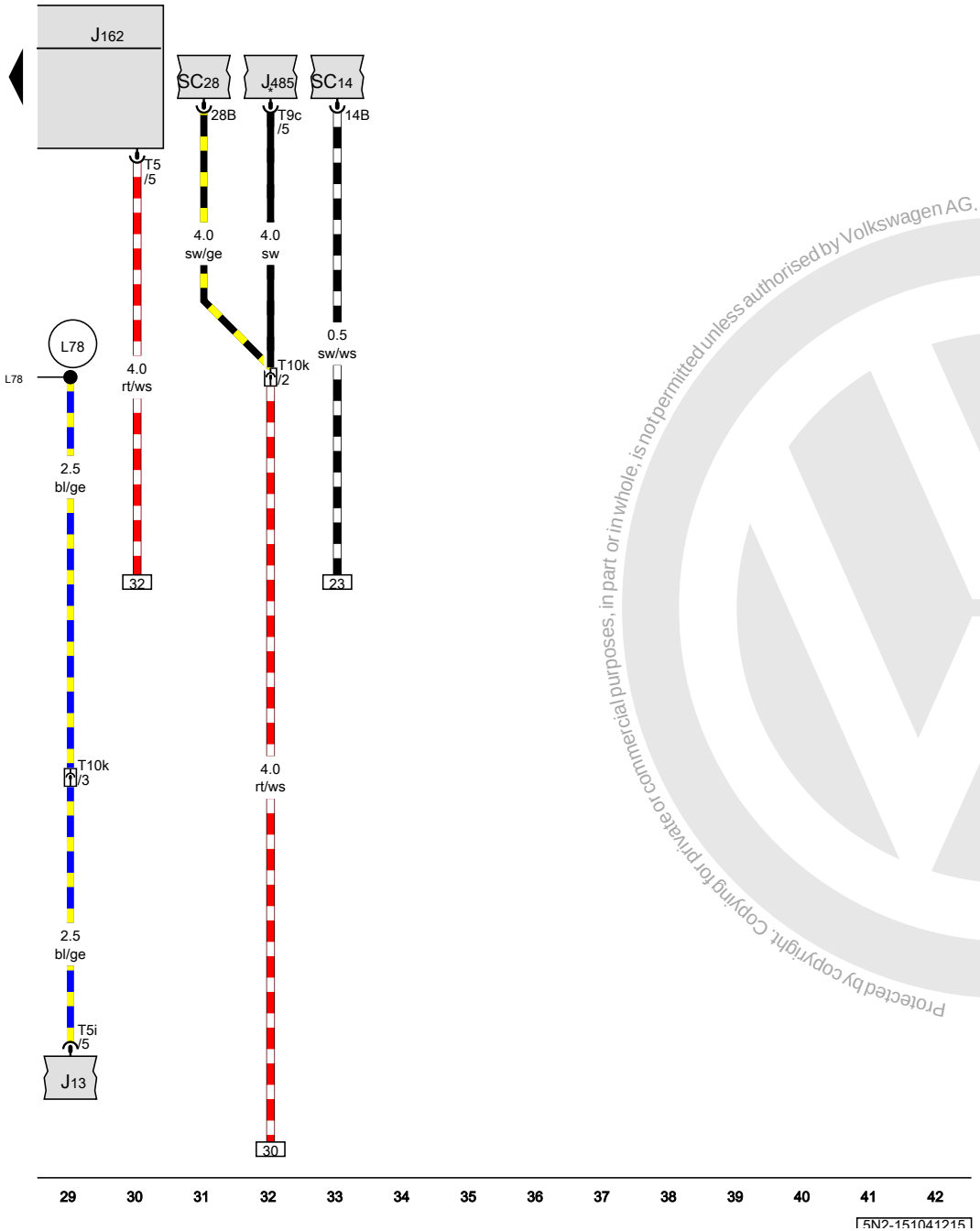


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Heater control unit, Auxiliary heater control unit

E9	Fresh air blower switch
E537	Instant heating button
J162	Heater control unit
J364	Auxiliary heater control unit
J623	Engine control unit
K10	Heated rear window warning lamp
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
T2ft	2-pin connector
T4f	4-pin connector
T5	5-pin connector
T8f	8-pin connector
T10k	10-pin connector
T20f	20-pin connector
V2	Fresh air blower
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 23, in main wiring harness
602	Earth point, in front left footwell
B278	Positive connection 2 (15a) in main wiring harness
L77	Connection, in fresh air blower wiring harness
L78	Connection 1, in fresh air blower wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine

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Heater control unit

J13	Fresh air blower relay
J162	Heater control unit
J485	Auxiliary heater operation relay
SC14	Fuse 14 on fuse holder C
SC28	Fuse 28 on fuse holder C
T5	5-pin connector
T5i	5-pin connector
T9c	9-pin connector
T10k	10-pin connector
L78	Connection 1, in fresh air blower wiring harness
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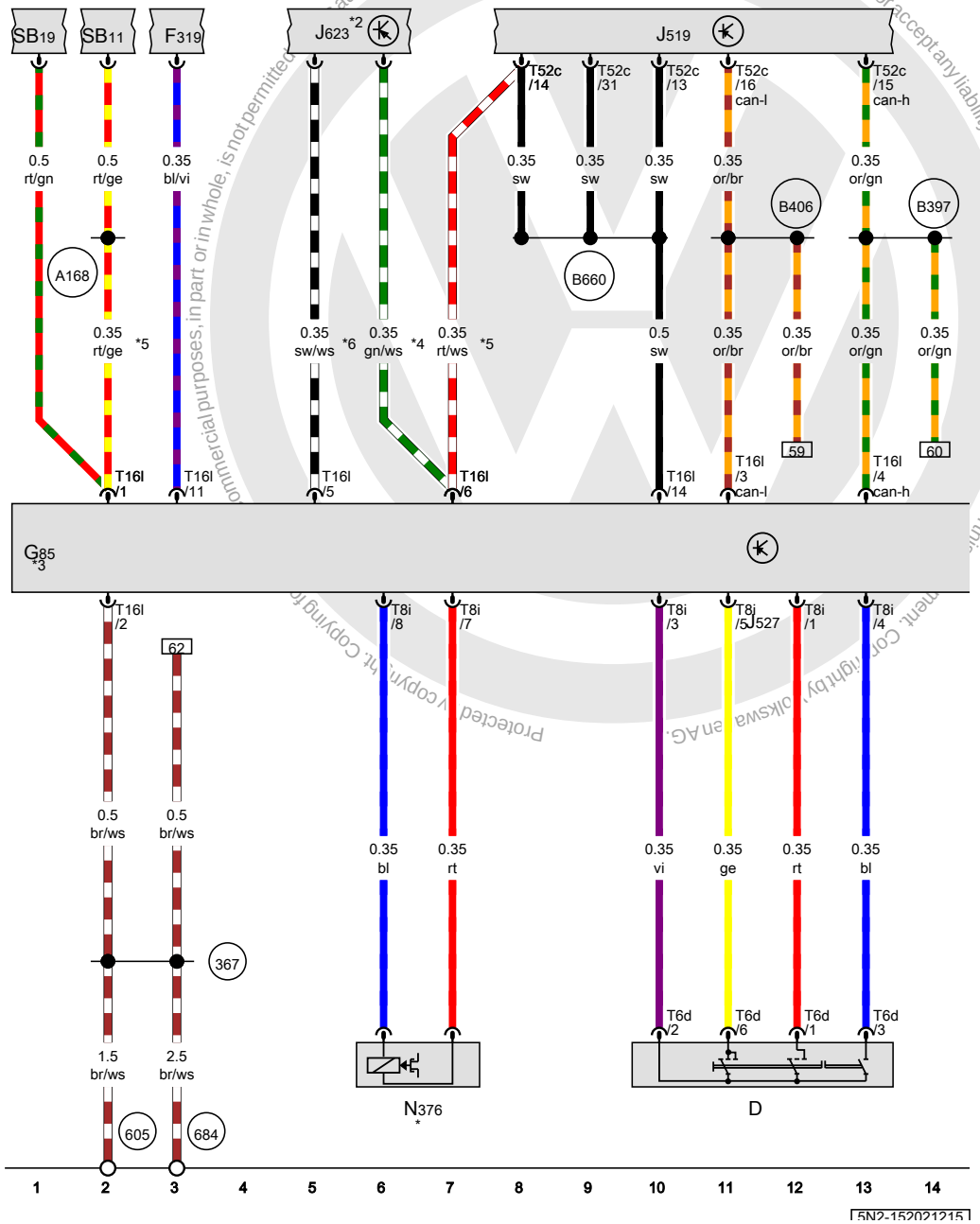
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Multifunction steering wheel , (2FJ),(2FQ),(2FU),(2PP),(1MQ),(1XP),(1XY)

From May 2011

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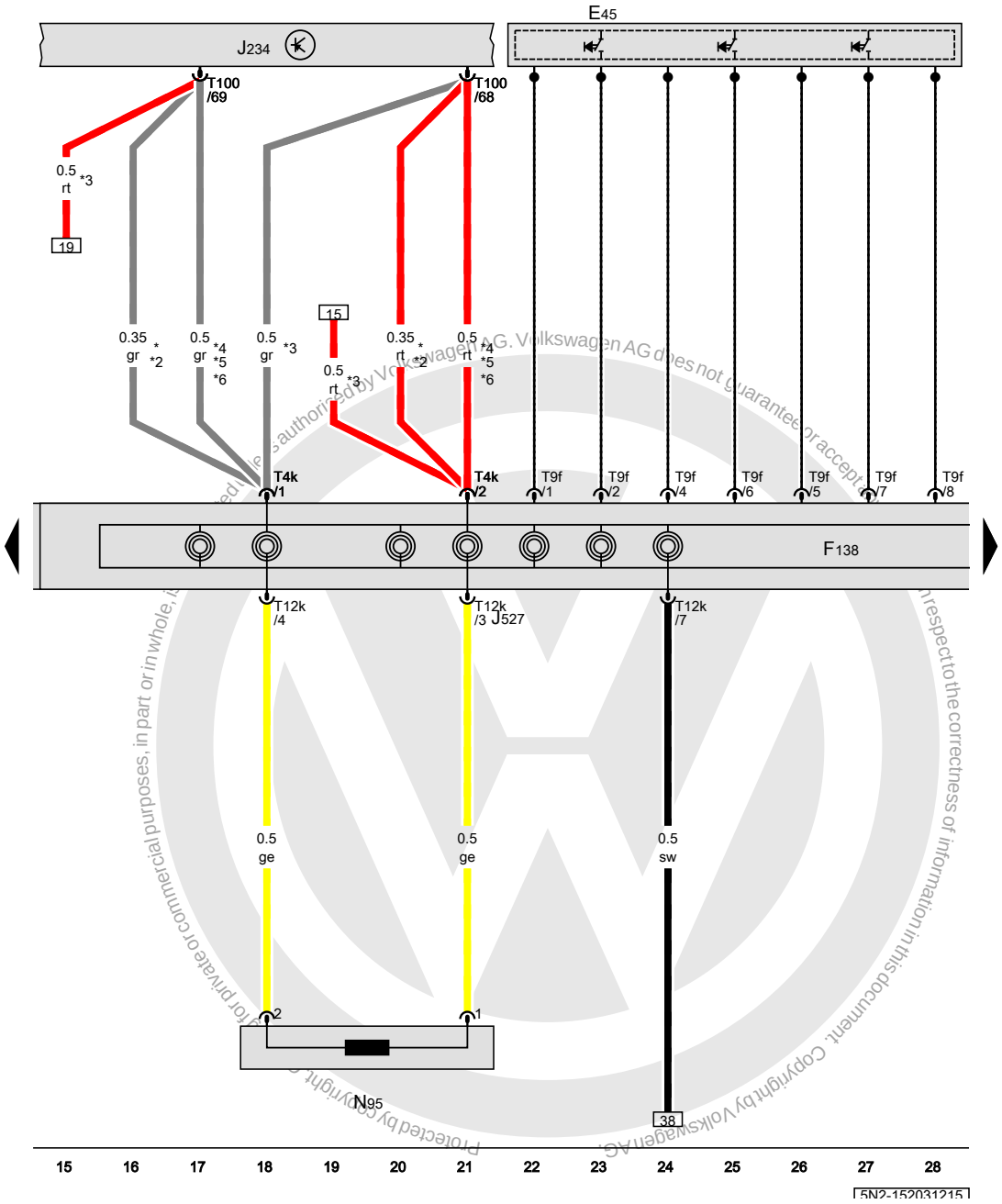
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Ignition/starter switch, Onboard supply control unit, Steering column electronics control unit, Ignition key withdrawal lock solenoid

D	Ignition/starter switch
F319	Selector lever locked in position P switch
G85	Steering angle sender
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
N376	Ignition key withdrawal lock solenoid
SB11	Fuse 11 on fuse holder B
SB19	Fuse 19 on fuse holder B
T6d	6-pin connector
T8i	8-pin connector
T16l	16-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
605	Earth point, on top end of steering column
684	Earth point on front of left side member
A168	Positive connection 4 (30a) in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with automatic gearbox
*2	see applicable current flow diagram for engine
*3	Only left-hand drive models
*4	Only models with stop/start system
*5	Only models with no start/stop system
*6	According to equipment

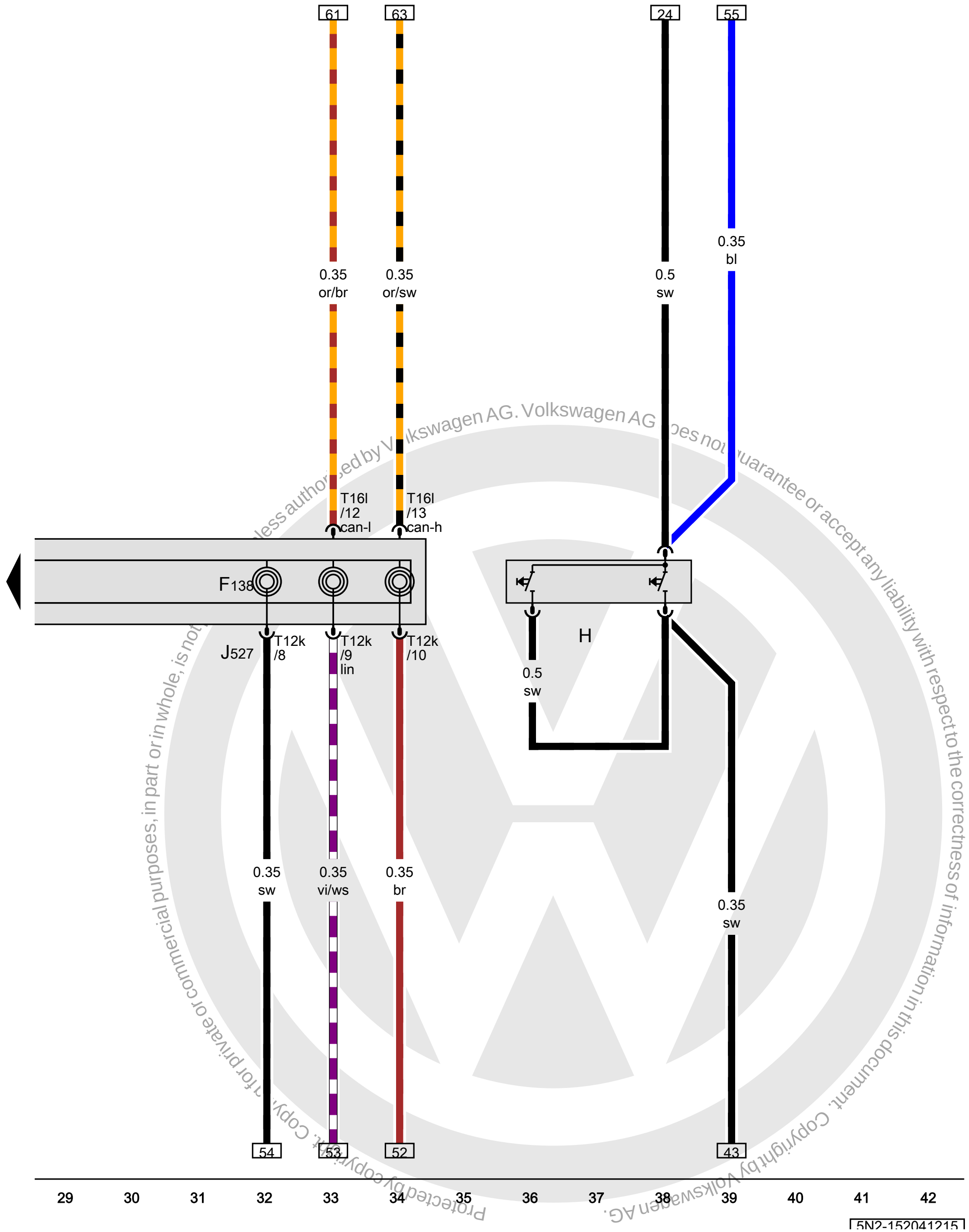


Cruise control system switch, Airbag coil connector and return ring with slip ring, Airbag control unit, Steering column electronics control unit, Driver side airbag igniter

E45	Cruise control system switch
F138	Airbag coil connector and return ring with slip ring
J234	Airbag control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
T4k	4-pin connector, yellow
T9f	9-pin connector
T12k	12-pin connector
T100	100-pin connector
*	From May 2014
*2	Up to November 2014
*3	Up to November 2012
*4	From November 2012
*5	Up to May 2014
*6	From November 2014

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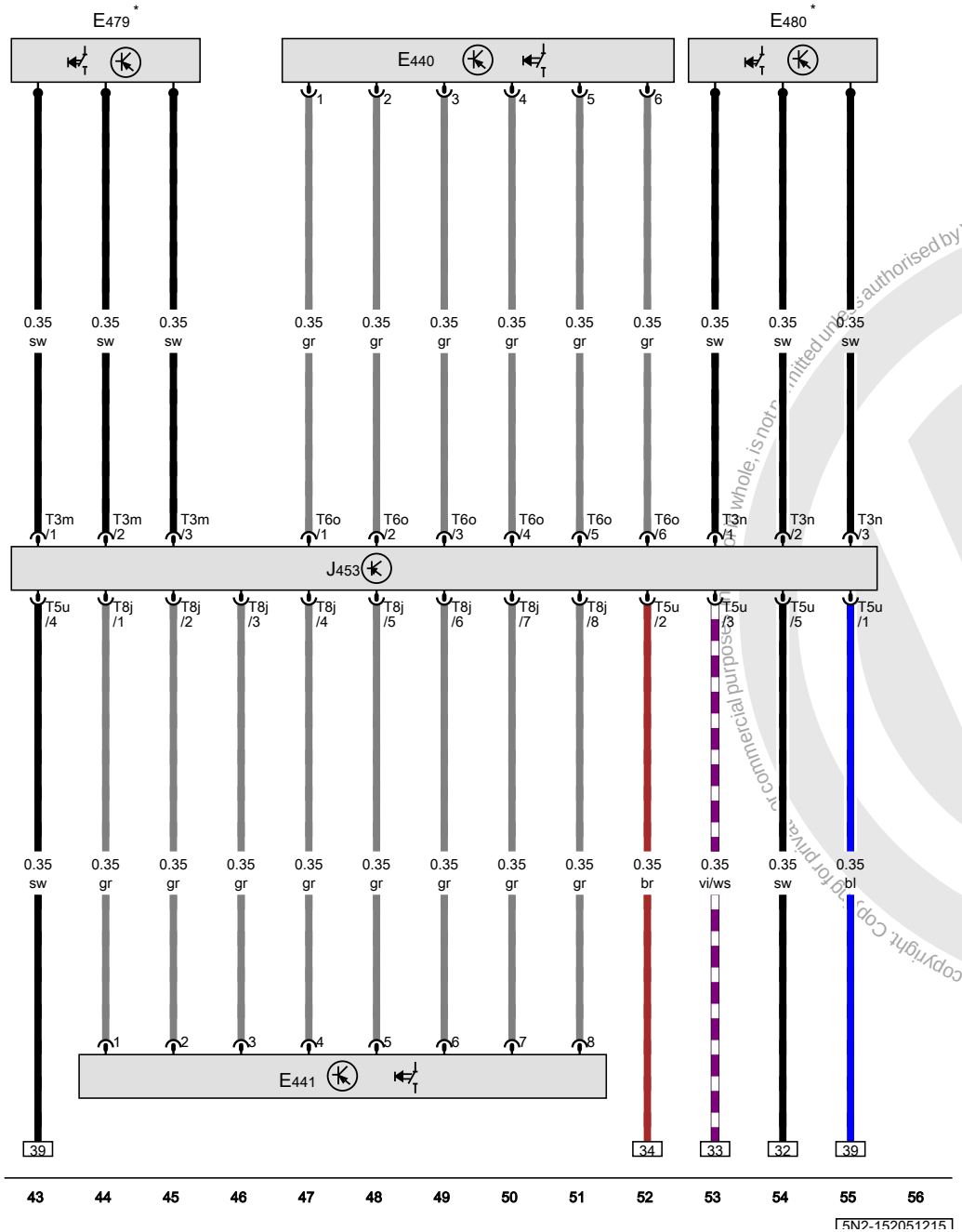


Airbag coil connector and return ring with slip ring, Steering column electronics control unit

E51	Cruise control system master switch
E227	Cruise control system (CCS) SET button
F138	Airbag coil connector and return ring with slip ring
H	Horn plate
J527	Steering column electronics control unit
T12k	12-pin connector
T16l	16-pin connector

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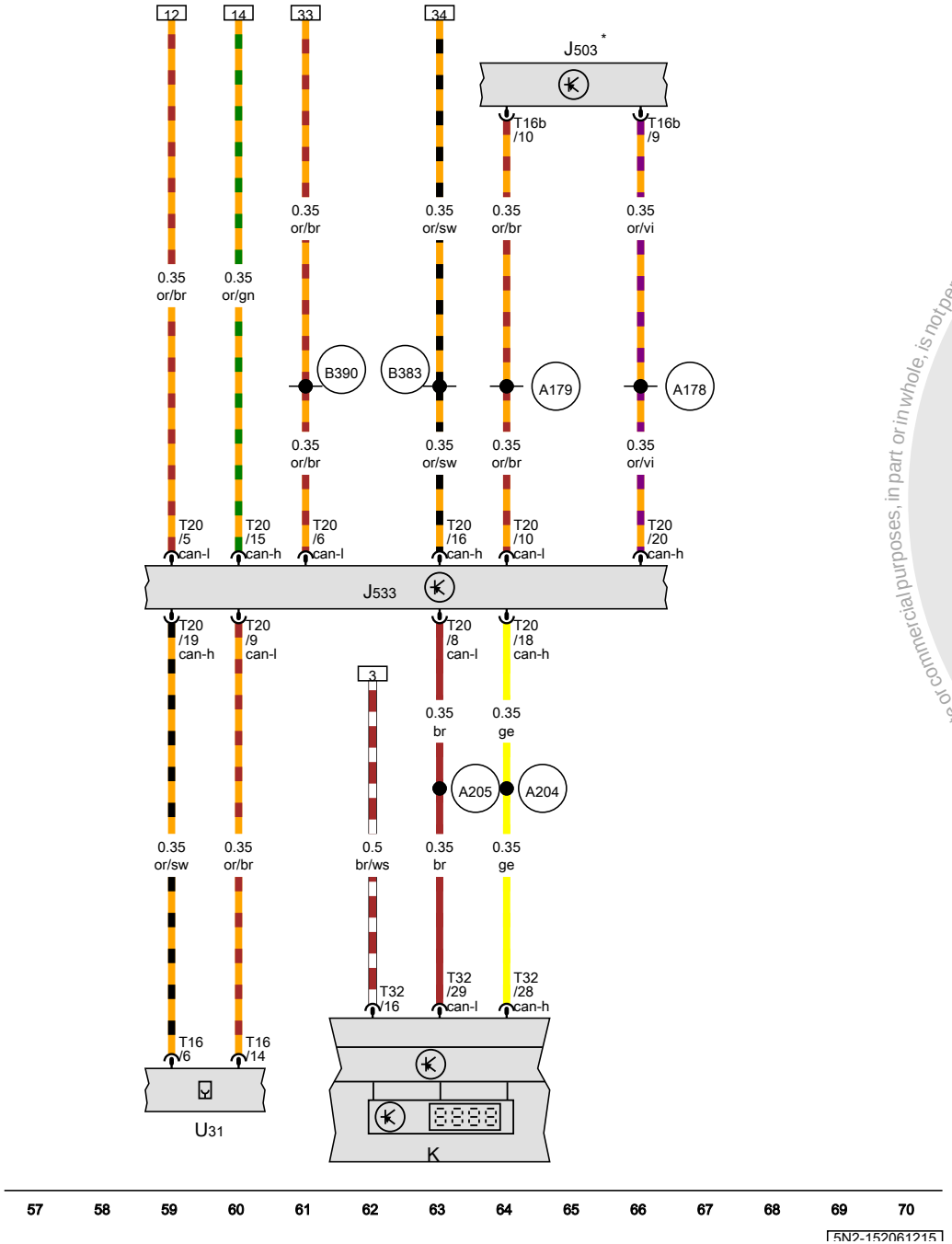


Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Multifunction steering wheel control unit

E440	Multifunction buttons on left in steering wheel
E441	Multifunction buttons on right in steering wheel
E479	Tiptronic switch (shift up)
E480	Tiptronic switch (shift down)
J453	Multifunction steering wheel control unit
T3m	3-pin connector
T3n	3-pin connector
T5u	5-pin connector
T6o	6-pin connector
T8j	8-pin connector
*	Only models with Tiptronic

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Data bus diagnostic interface, Dash panel insert, Diagnostic connection

J503	Control unit with display for radio and navigation
J533	Data bus diagnostic interface
K	Dash panel insert
T16	16-pin connector
T16b	16-pin connector
T20	20-pin connector
T32	32-pin connector
U31	Diagnostic connection
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	According to equipment

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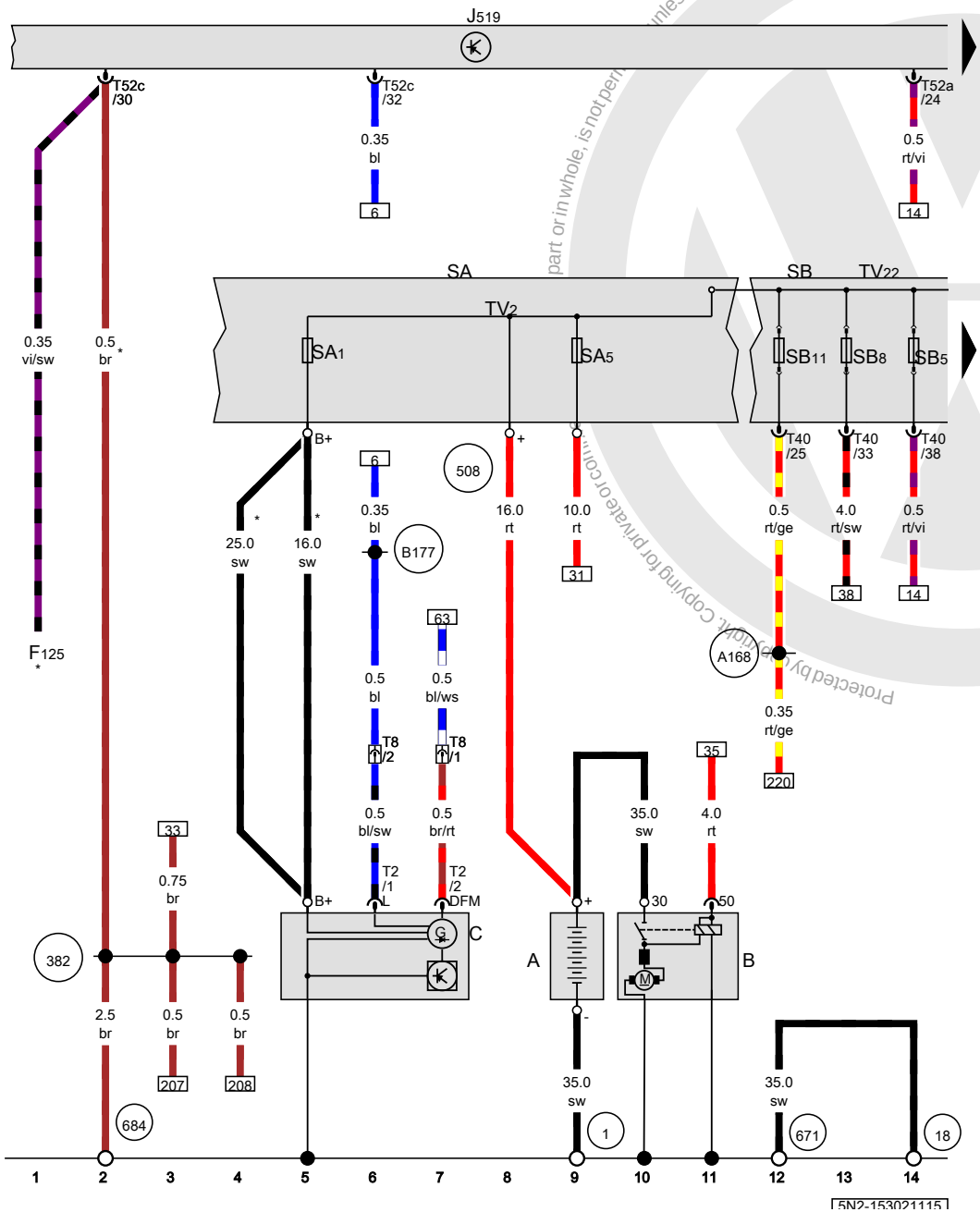
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1.4l petrol engine , CAVA,CAVD,CTHA,CTHD

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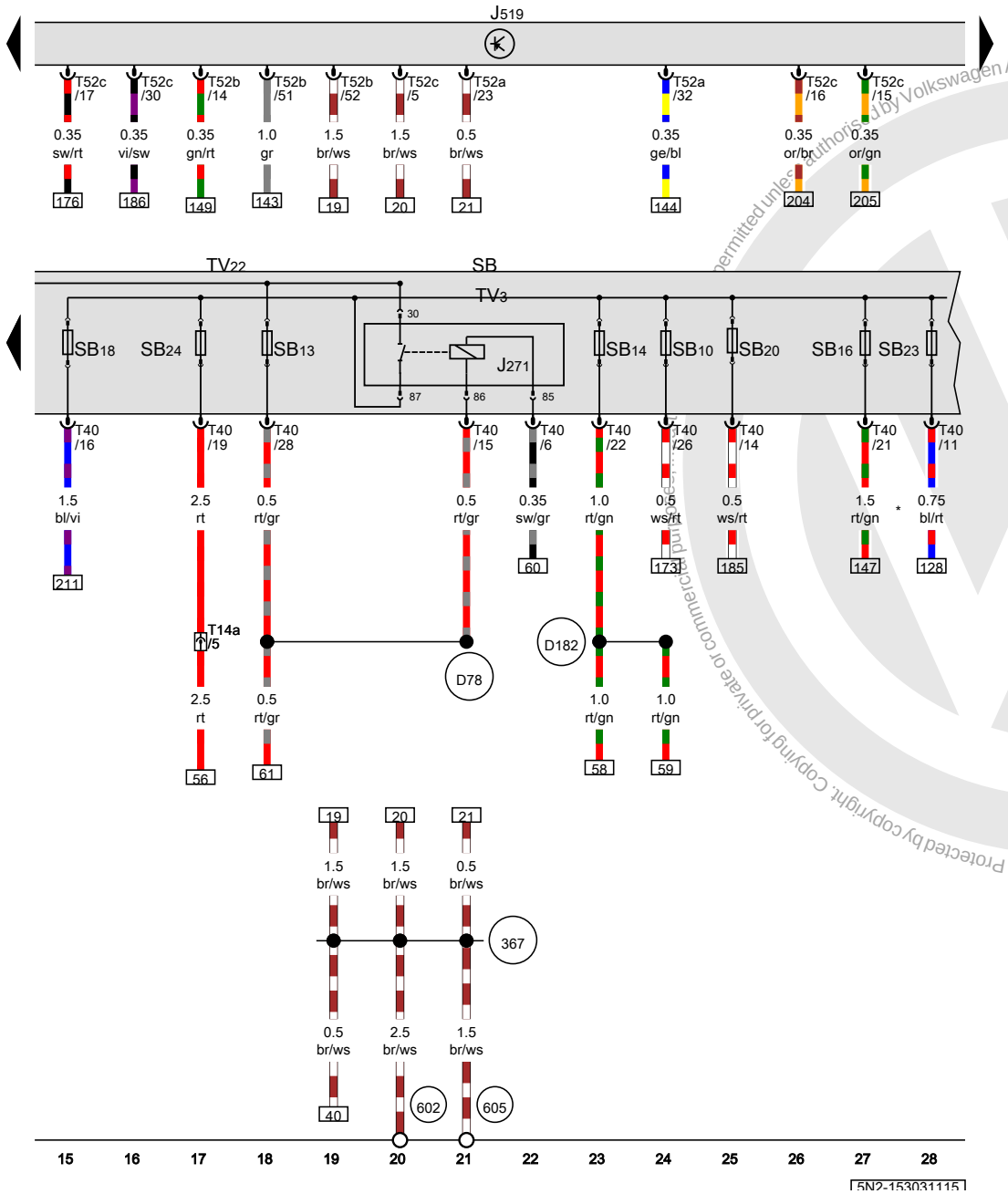
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Battery, Starter, Alternator, Onboard supply control unit, Fuse holder A, Fuse holder B

A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB5	Fuse 5 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB11	Fuse 11 on fuse holder B
T2	2-pin connector
T52a	52-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
T8	8-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
A168	Positive connection 4 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	According to equipment

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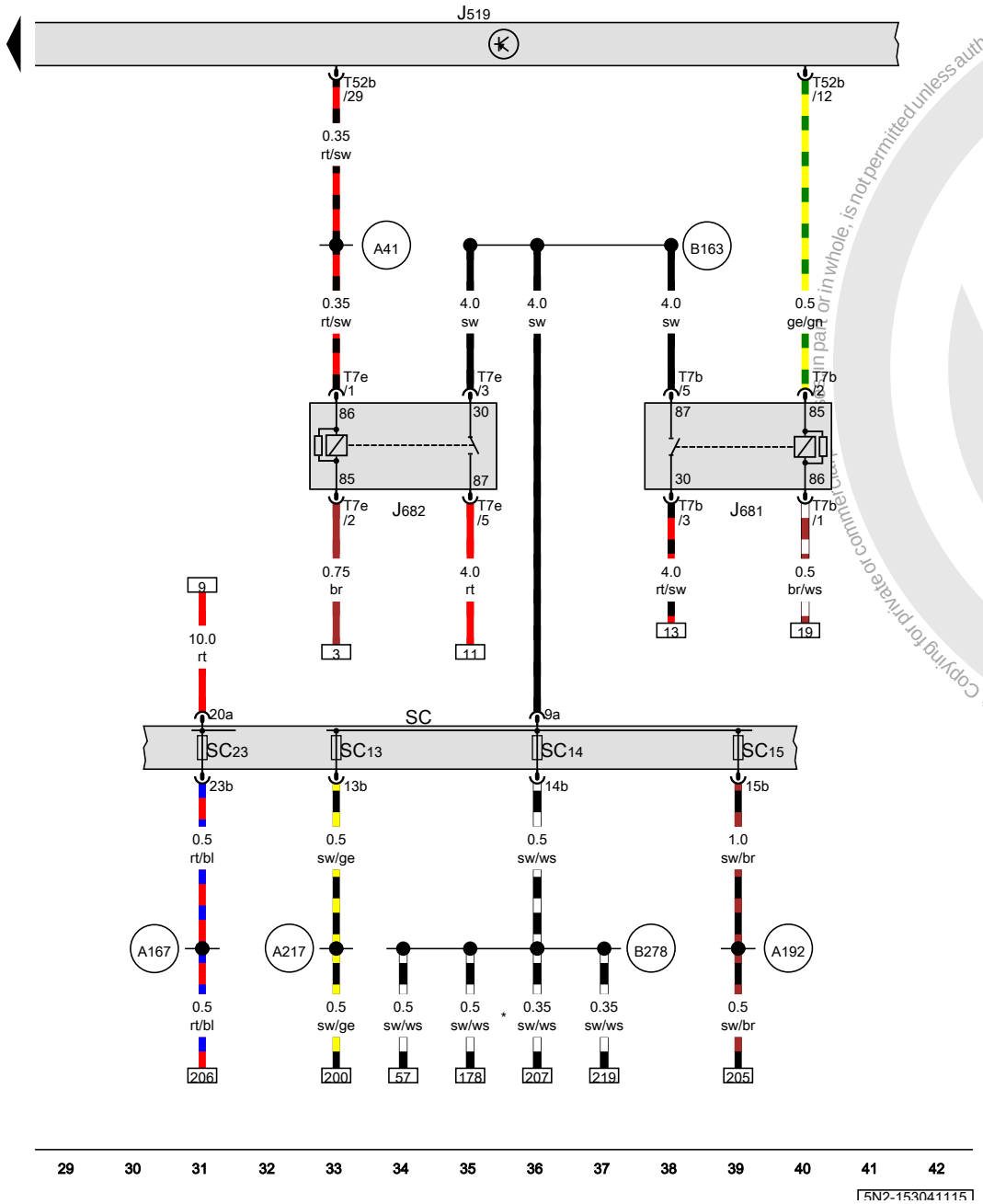


Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Up to November 2011

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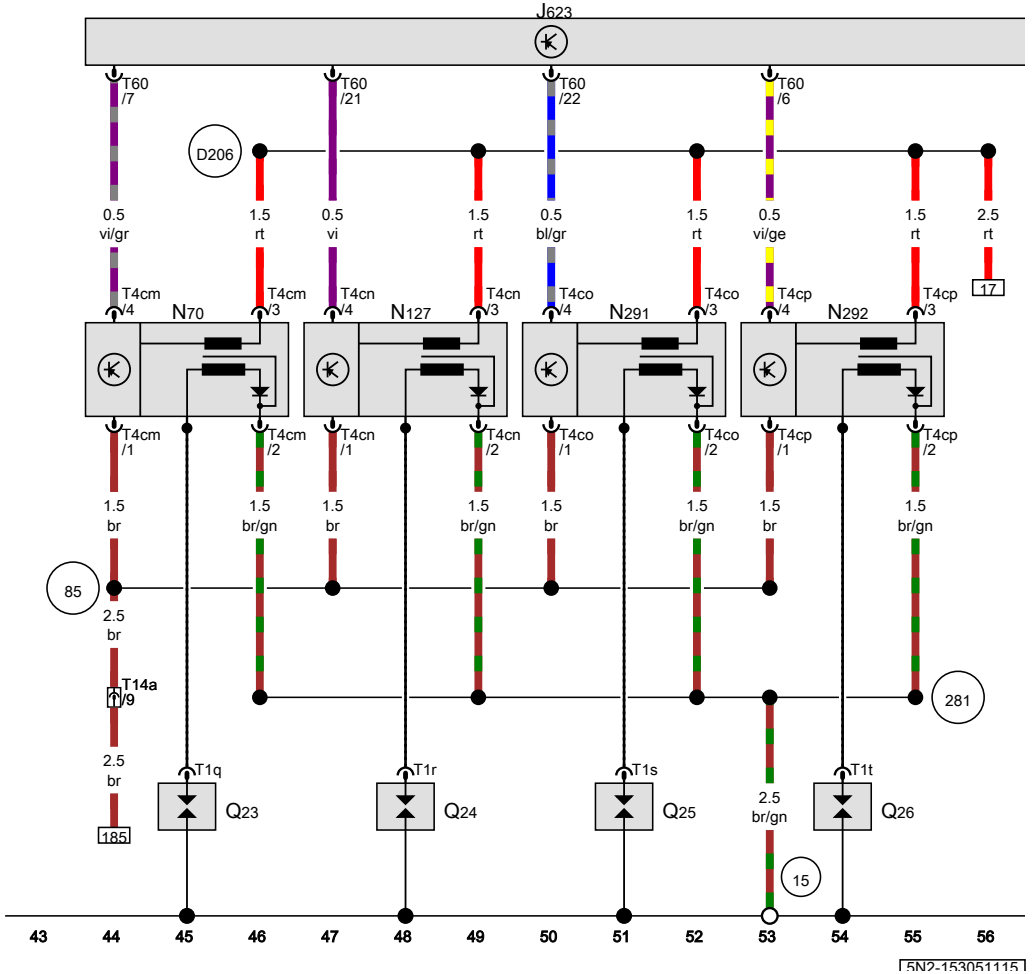
Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C

J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
T7b	7-pin connector
T7e	7-pin connector
T52b	52-pin connector
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Up to November 2011

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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage



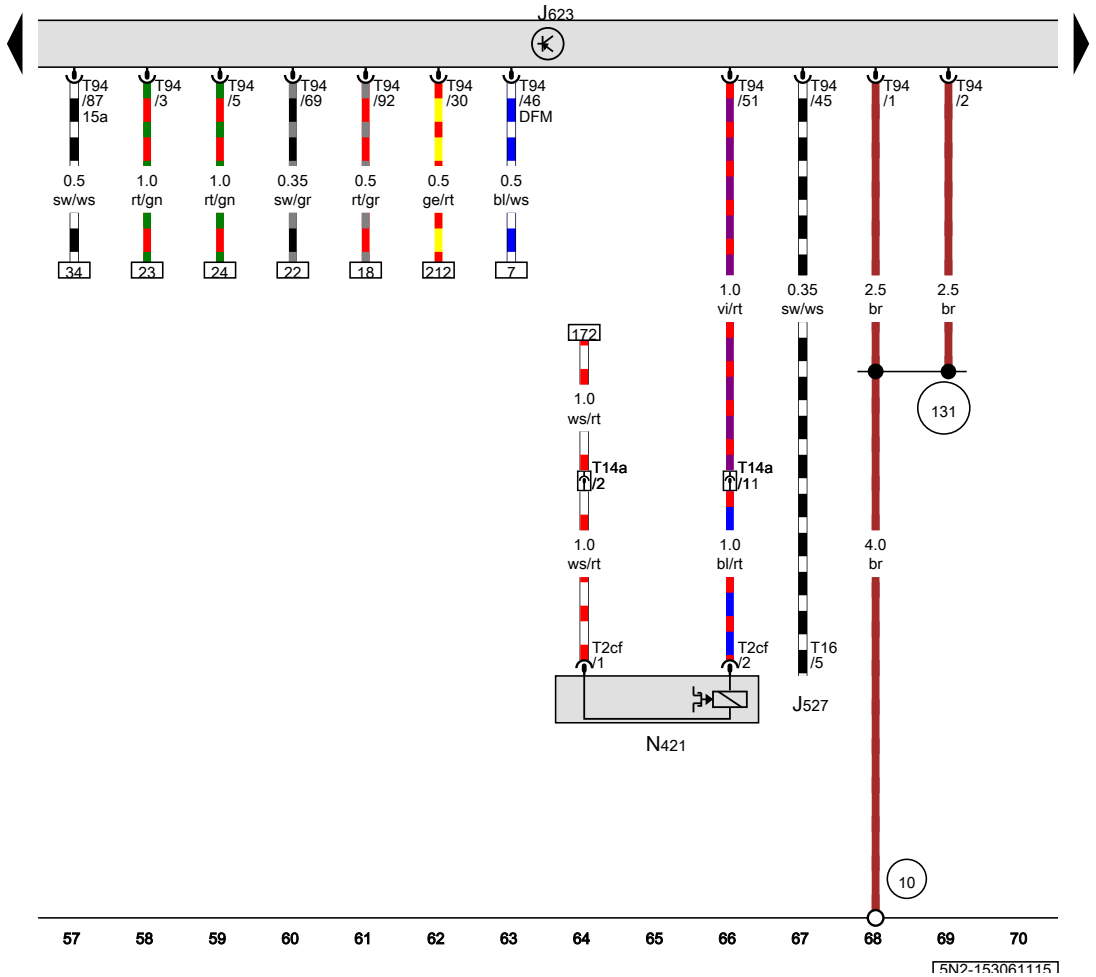
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T1q	Single connector
T1r	Single connector
T1s	Single connector
T1t	Single connector
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness

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Engine control unit, Magnetic clutch for supercharger

J527	Steering column electronics control unit
J623	Engine control unit
N421	Magnetic clutch for supercharger
T2cf	2-pin connector
T14a	14-pin connector
T16	16-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness

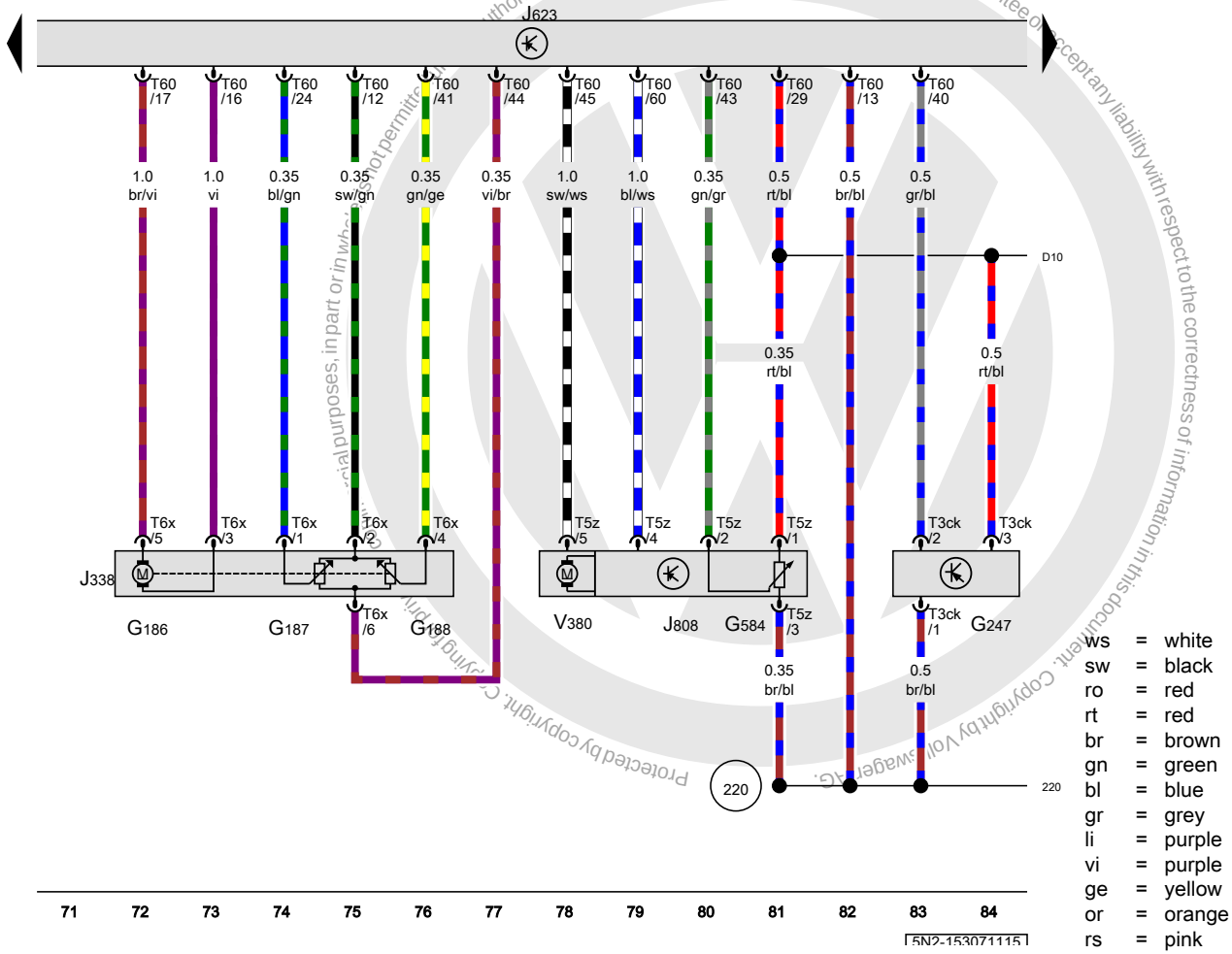


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Fuel pressure sender, Throttle valve module, Engine control unit, Regulating flap control unit

G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
G584	Regulating flap potentiometer
J338	Throttle valve module
J623	Engine control unit
J808	Regulating flap control unit
T3ck	3-pin connector
T5z	5-pin connector
T6x	6-pin connector
T60	60-pin connector
V380	Regulating flap position control motor
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

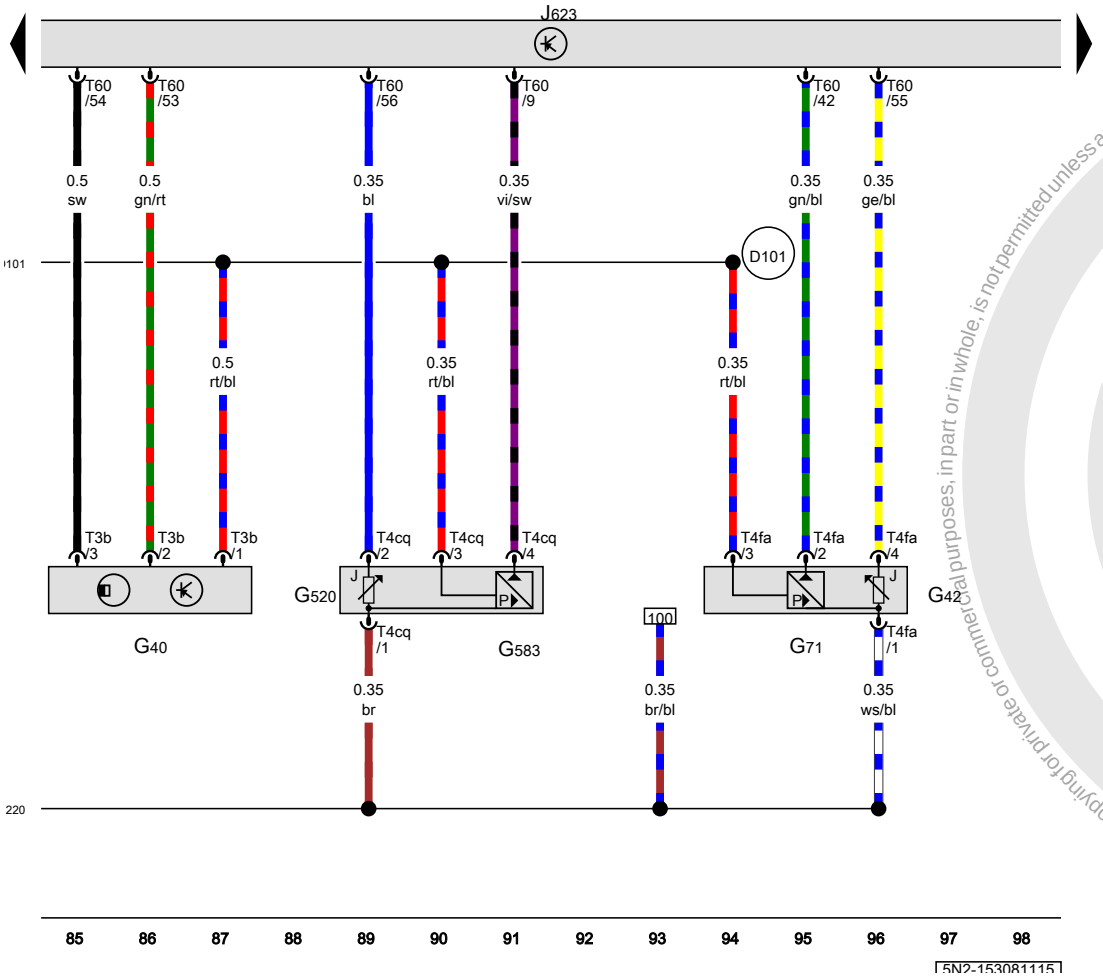


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Intake manifold pressure sender, Intake manifold pressure sender 3, Engine control unit

G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G520	Intake air temperature sender 3
G583	Intake manifold pressure sender 3
J623	Engine control unit
T3b	3-pin connector
T4cq	4-pin connector
T4fa	4-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

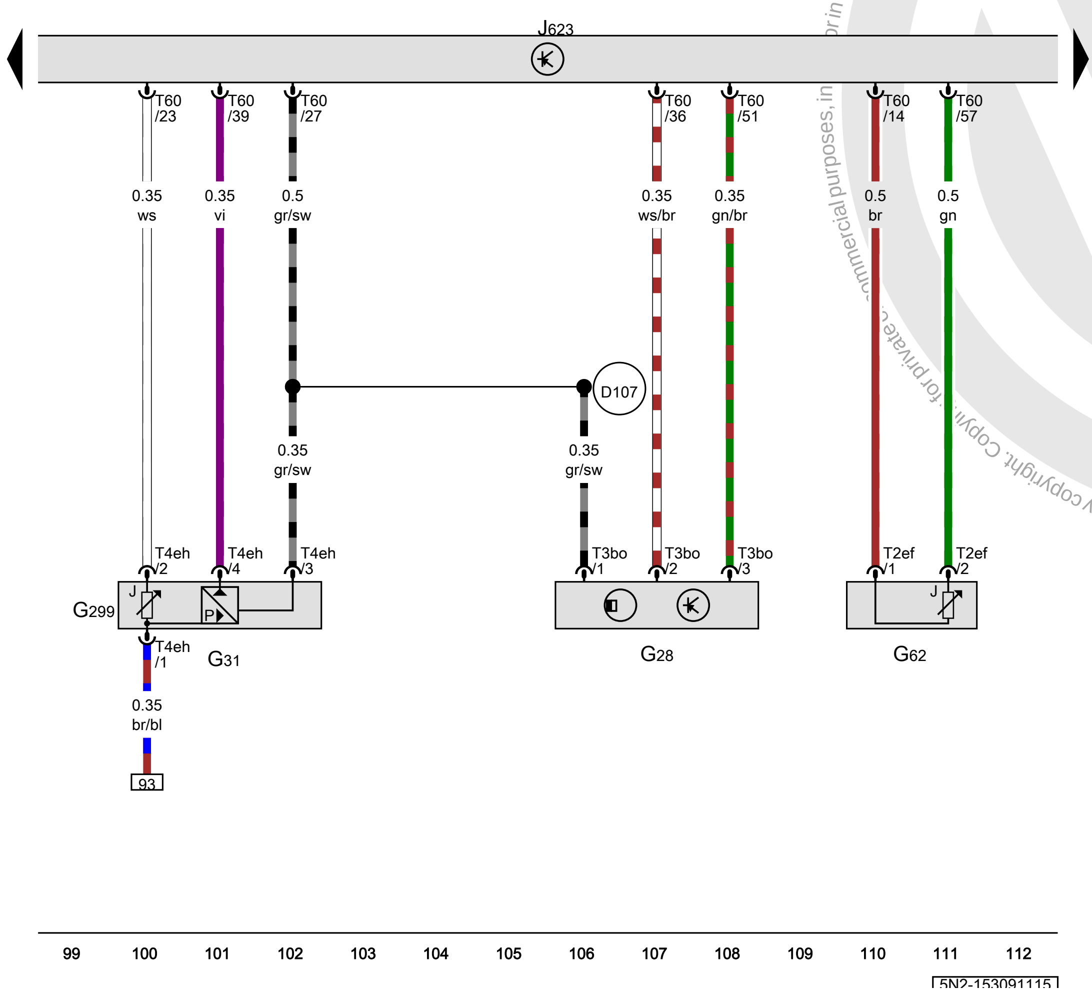


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Engine speed sender, Charge pressure sender, Coolant temperature sender, Engine control unit

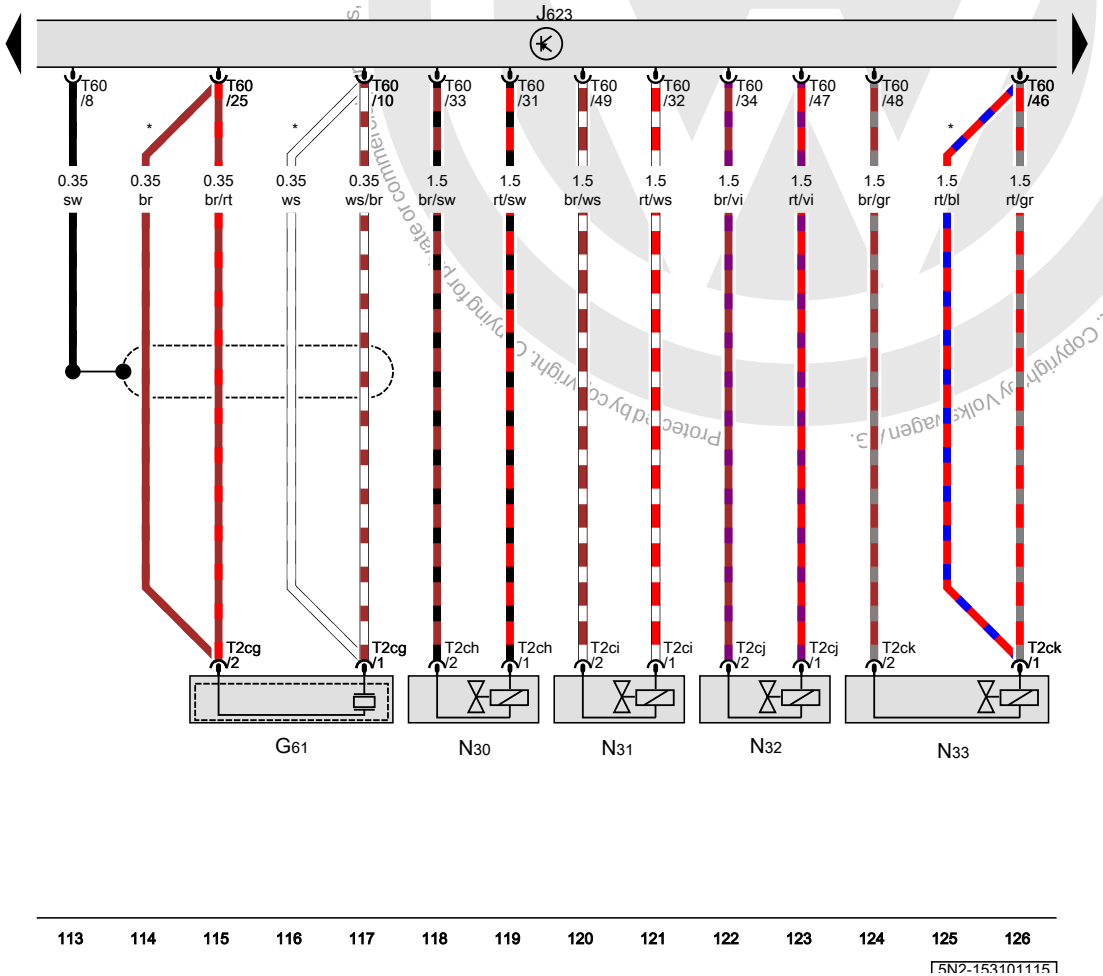
G28	Engine speed sender
G31	Charge pressure sender
G62	Coolant temperature sender
G299	Intake air temperature sender 2
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T4eh	4-pin connector
T60	60-pin connector
D107	Connection 5 in engine compartment wiring harness



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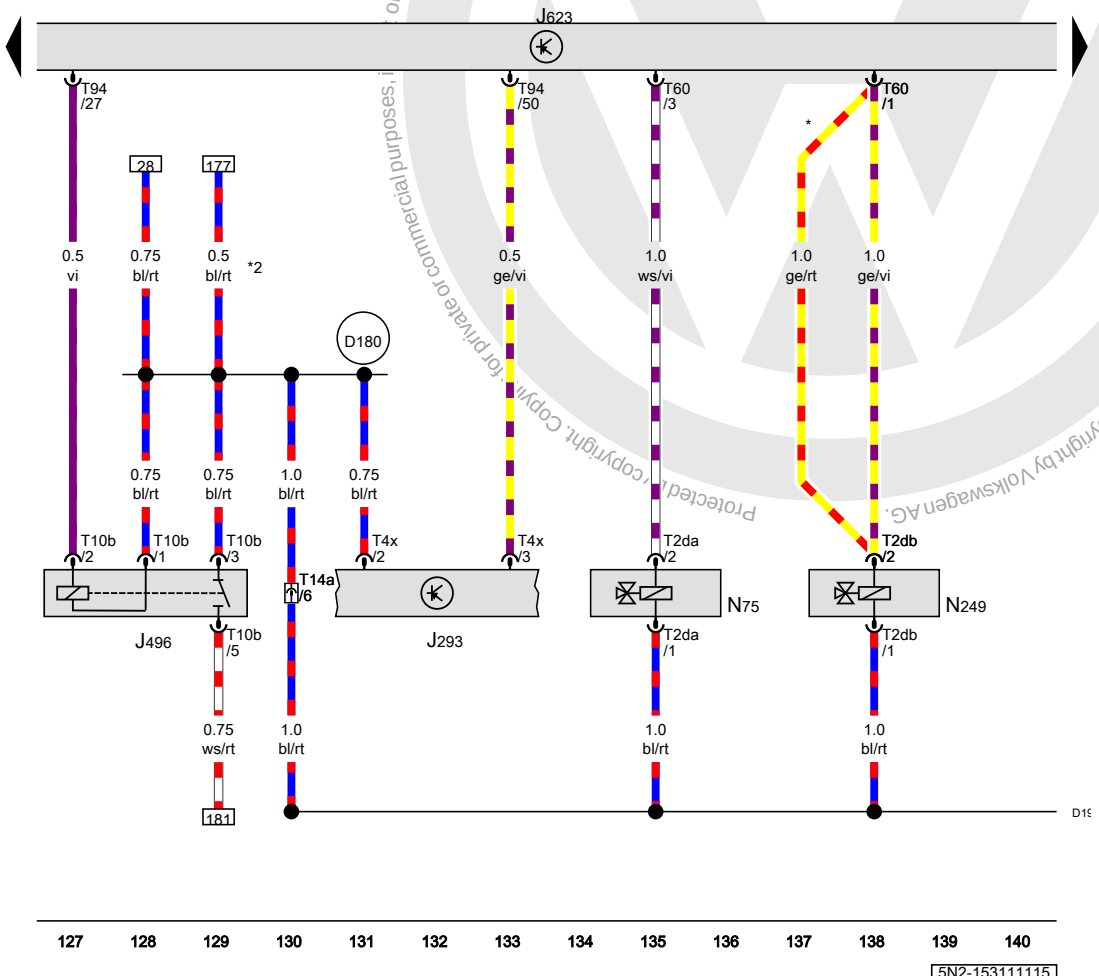


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Knock sensor 1, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G61	Knock sensor 1
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2cg	2-pin connector
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T60	60-pin connector
*	According to equipment

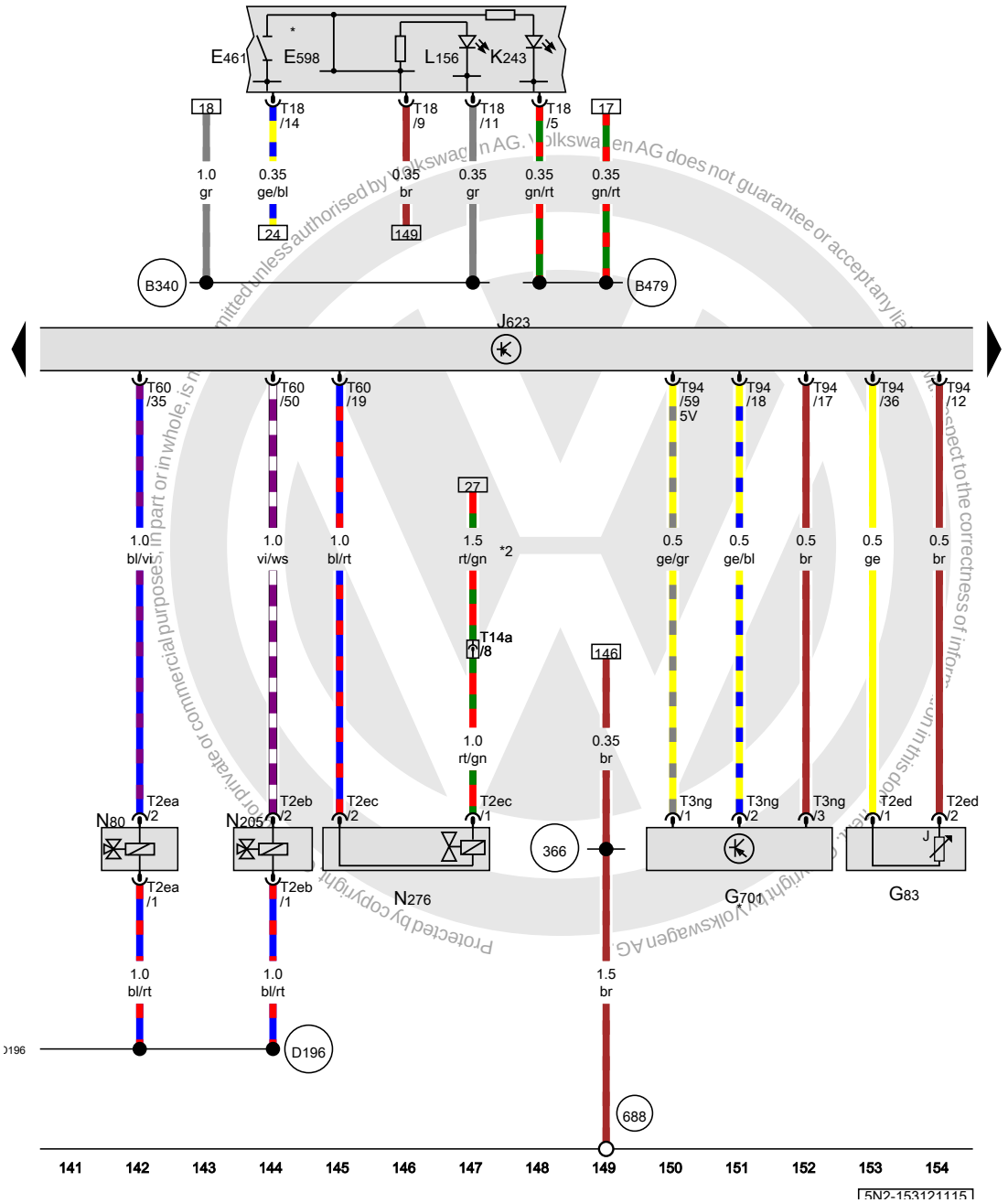
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Radiator fan control unit, Additional coolant pump relay, Engine control unit, Charge pressure control solenoid valve, Turbocharger air recirculation valve

J293	Radiator fan control unit
J496	Additional coolant pump relay
J623	Engine control unit
N75	Charge pressure control solenoid valve
N249	Turbocharger air recirculation valve
T2da	2-pin connector
T2db	2-pin connector
T4x	4-pin connector
T10b	10-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	According to equipment
*2	From November 2011



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

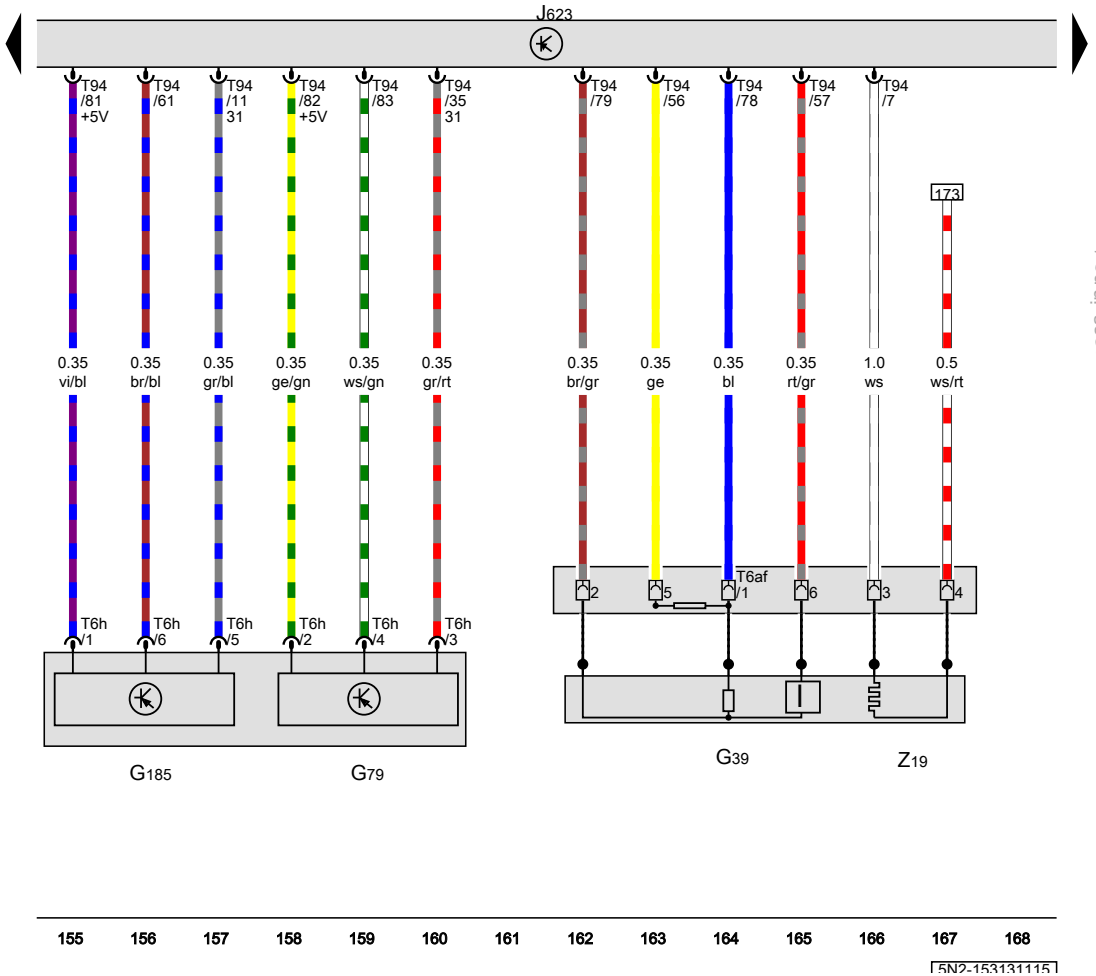
Operating unit in front of centre console, Driving program button, Radiator outlet coolant temperature sender, Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve

E461	Operating unit in front of centre console
E598	Driving program button
G83	Radiator outlet coolant temperature sender
G701	Gearbox neutral position sender
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
T2ea	2-pin connector
T2eb	2-pin connector
T2ec	2-pin connector
T2ed	2-pin connector
T3ng	3-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
B479	Connection 15, in main wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	According to equipment
*2	Up to November 2011

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Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine control unit

G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6af	6-pin connector
T6h	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater

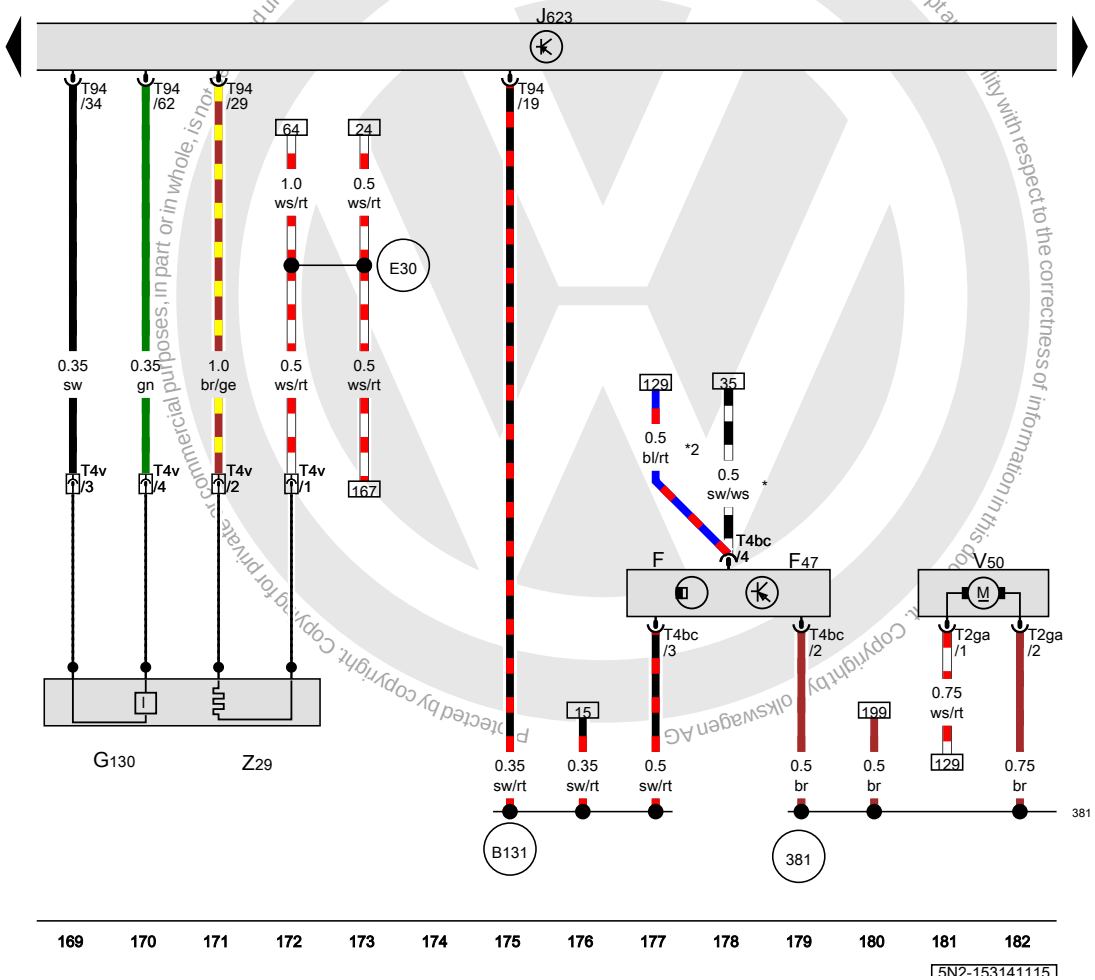


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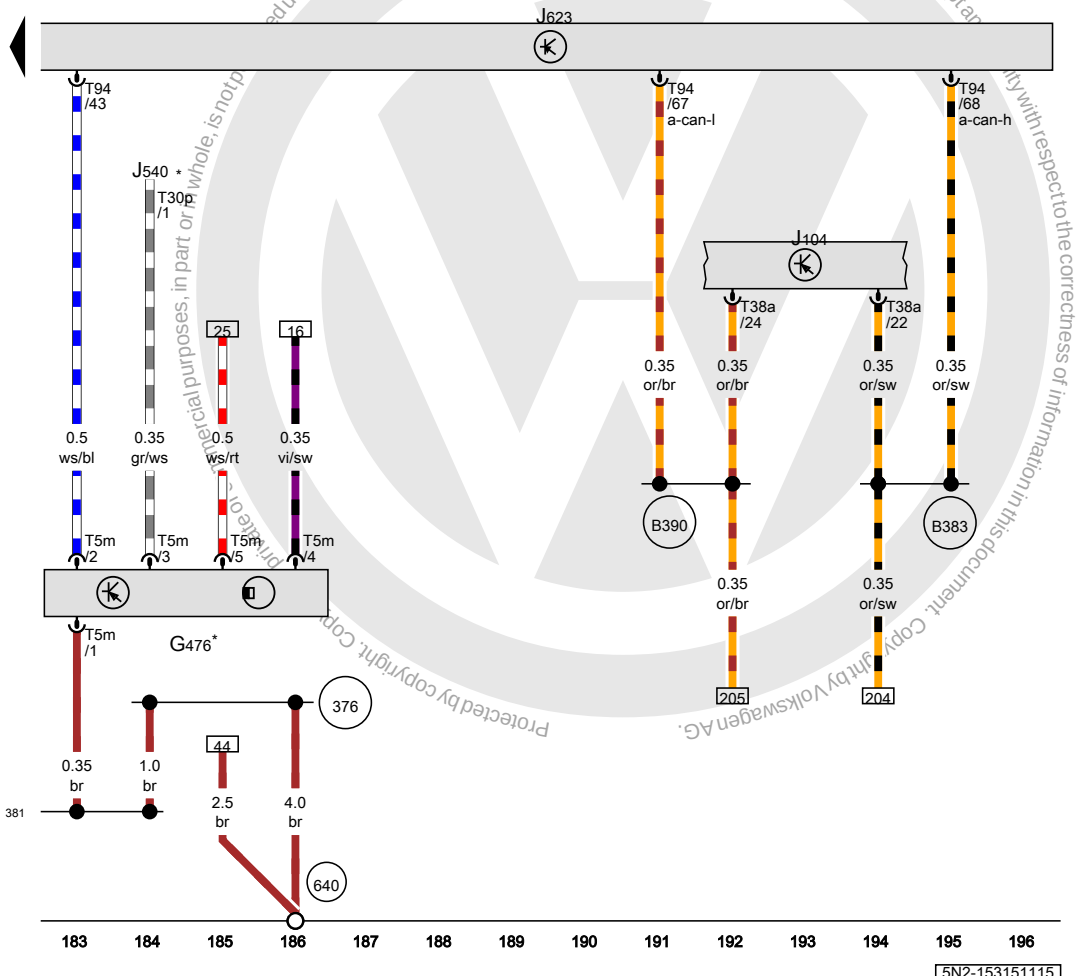
Brake light switch, Lambda probe after catalytic converter, Engine control unit, Coolant circulation pump

F	Brake light switch
F47	Brake pedal switch
G130	Lambda probe after catalytic converter
J623	Engine control unit
T2ga	2-pin connector
T4bc	4-pin connector
T4v	4-pin connector
T94	94-pin connector
V50	Coolant circulation pump
Z29	Lambda probe 1 heater after catalytic converter
381	Earth connection 16, in main wiring harness
B131	Connection (54), in interior wiring harness
E30	Connection (87a), in engine wiring harness
*	Up to November 2011
*2	From November 2011



ws = white
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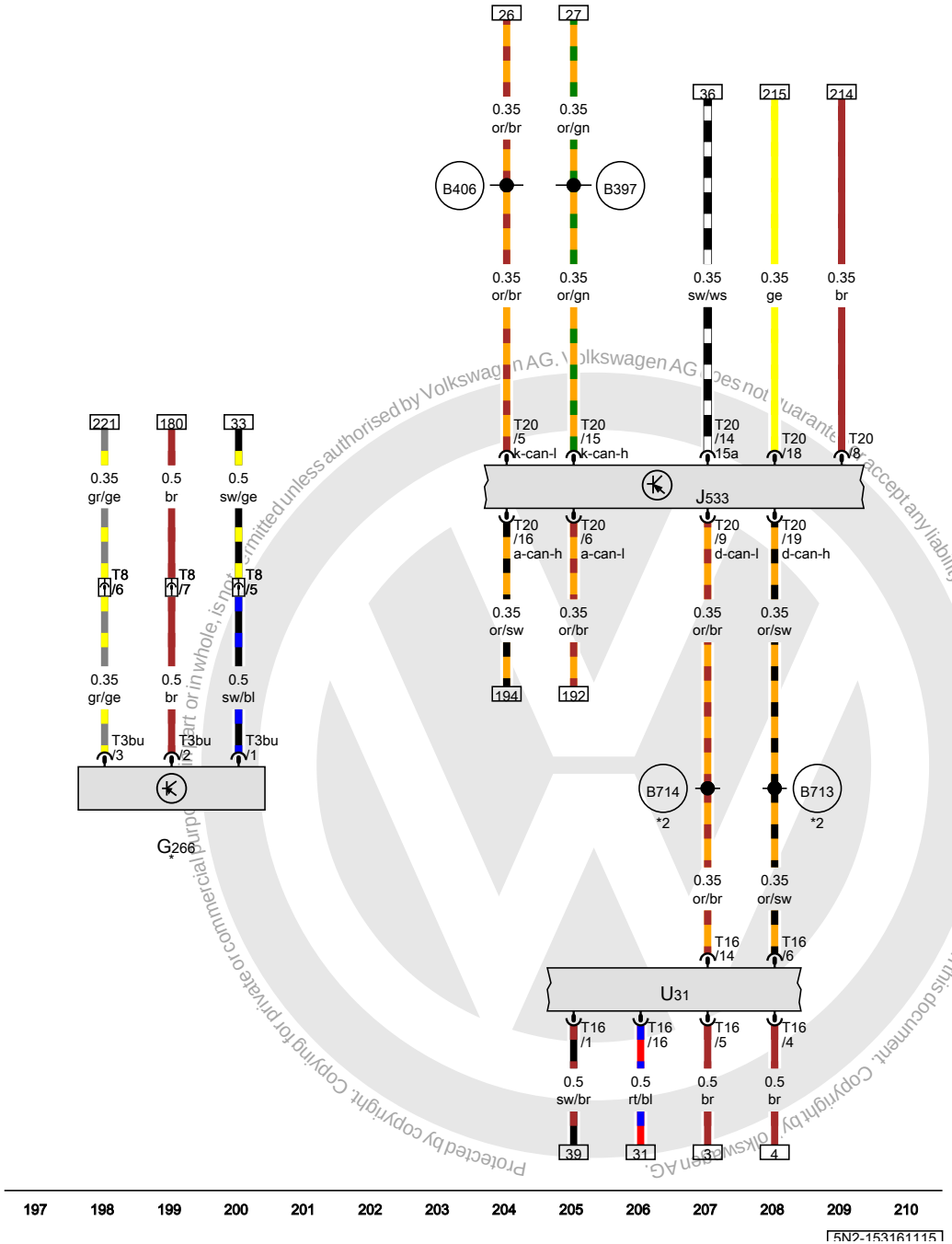


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gn = green
bl = blue
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Clutch position sender, Engine control unit

G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5m	5-pin connector
T30p	30-pin connector
T38a	38-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox

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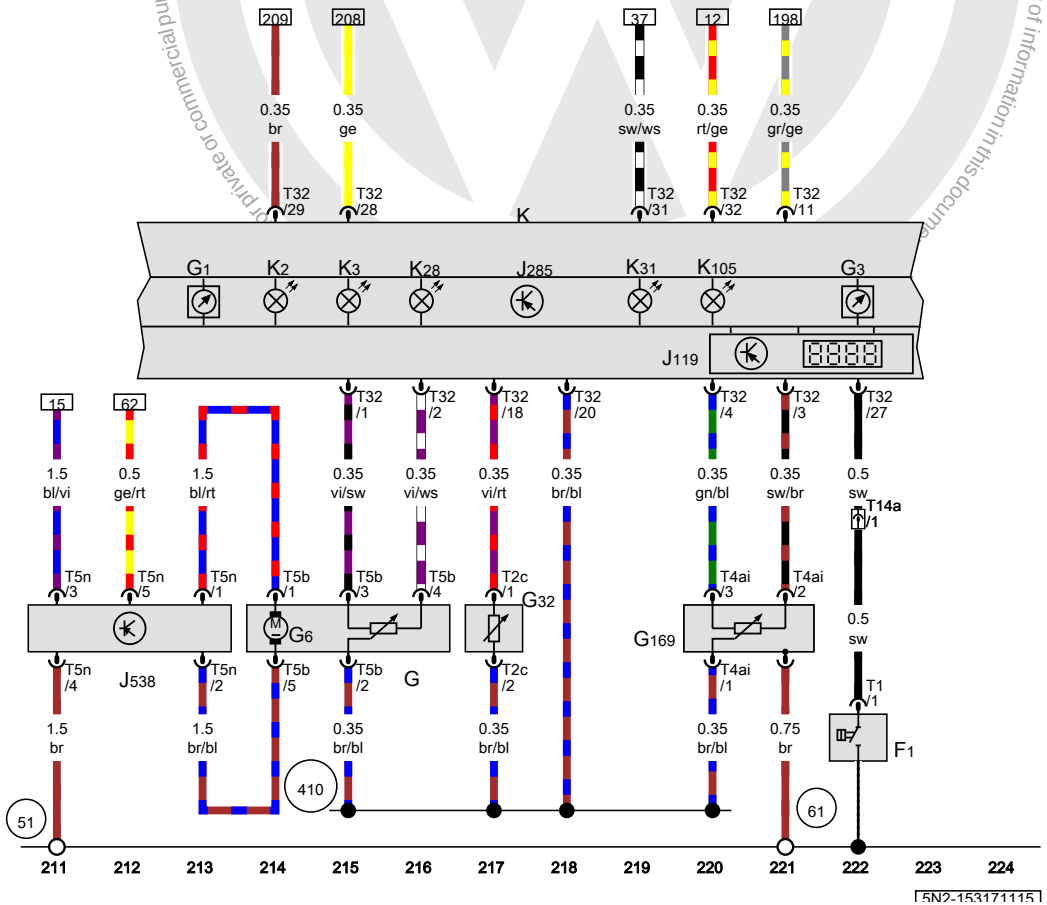
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Oil level and oil temperature sender, Data bus diagnostic interface, Diagnostic connection

G266	Oil level and oil temperature sender
J533	Data bus diagnostic interface
T3bu	3-pin connector
T8	8-pin connector
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
*	According to equipment
*2	From May 2014

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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

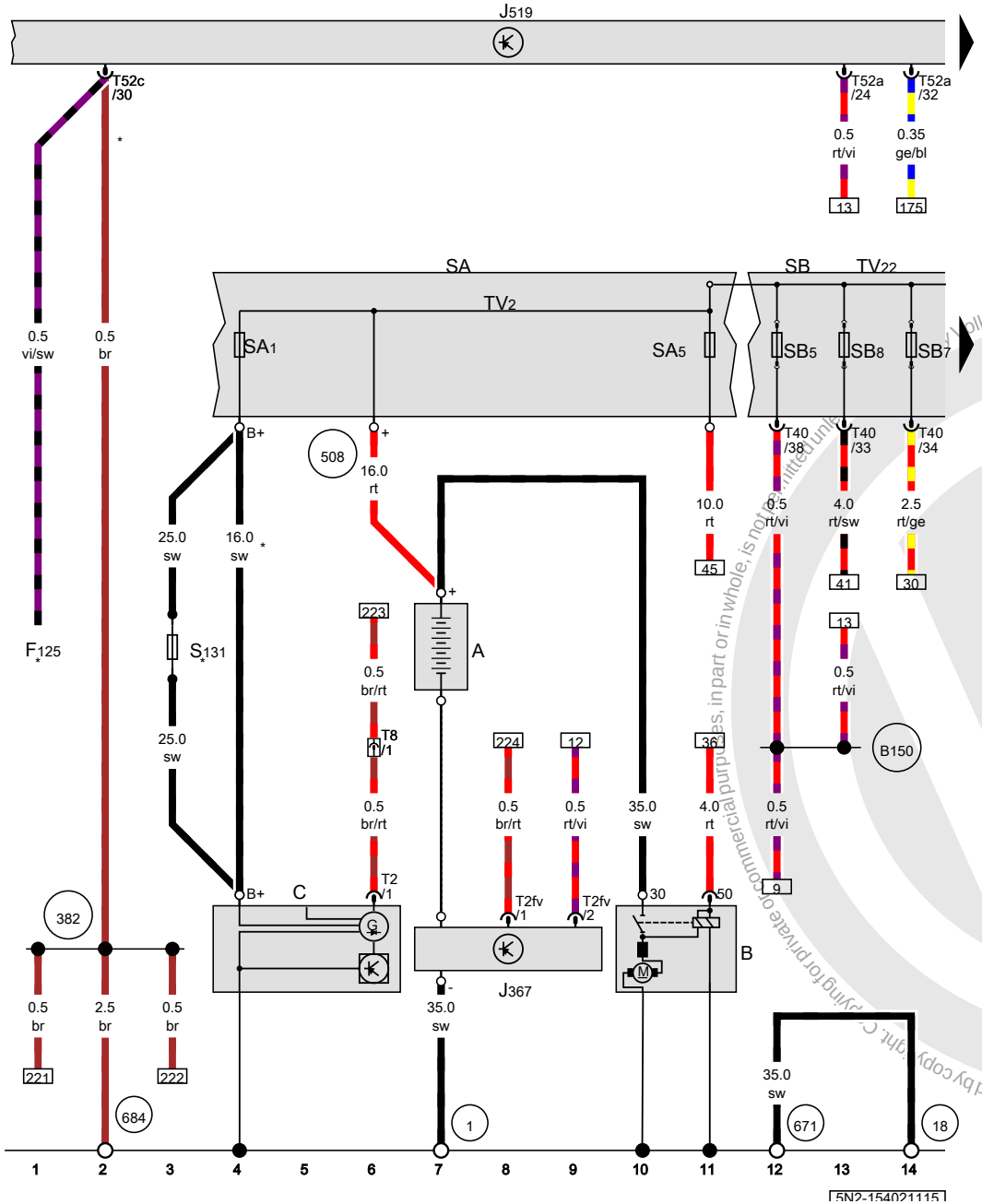
F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T1	Single connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness

1.4l petrol engine with start/stop system , CAVA,CAVD,CTHA,CTHD

From May 2011

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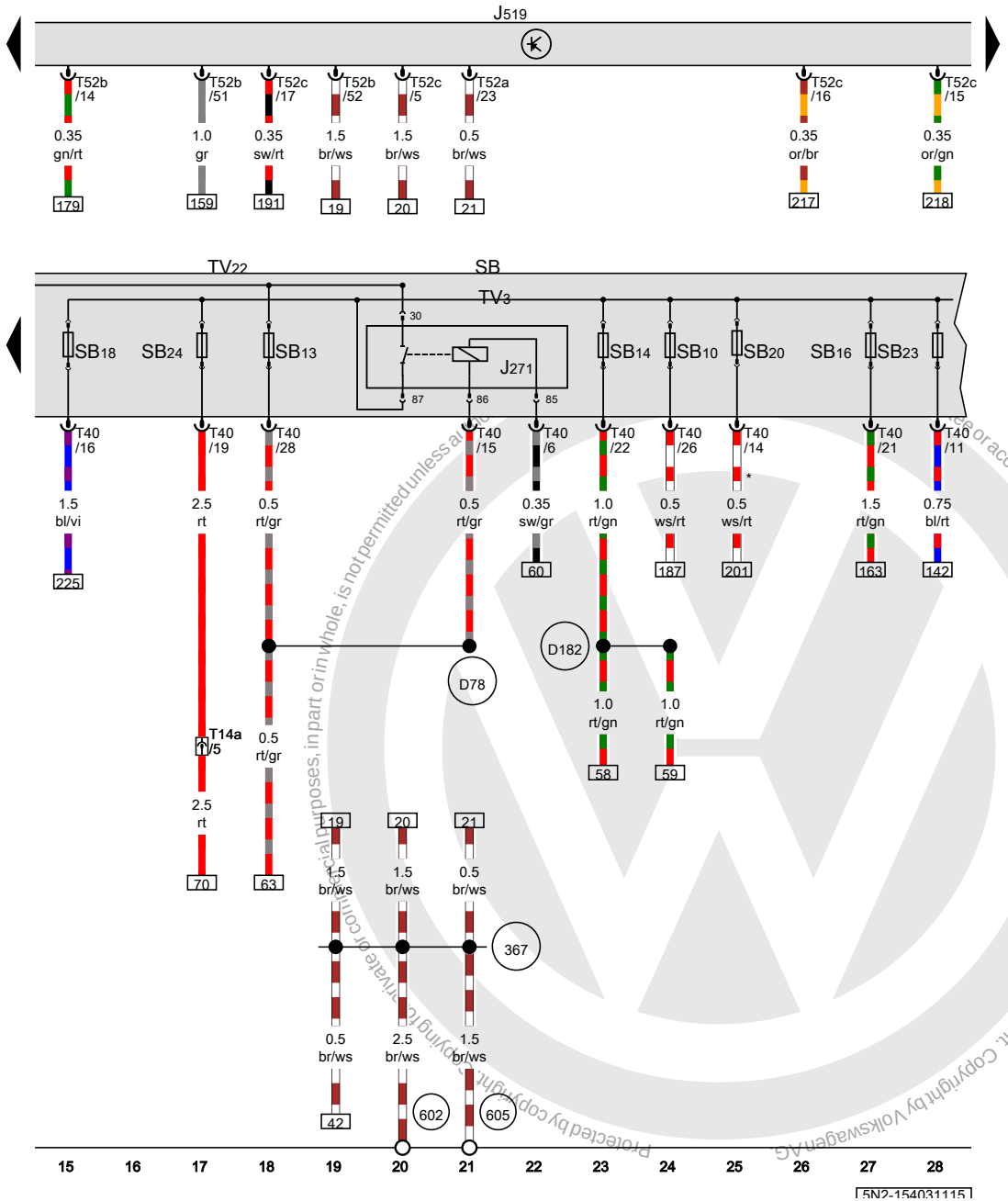
Battery, Starter, Alternator, Battery monitor control unit, Onboard supply control unit, Fuse holder A, Fuse holder B



A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J367	Battery monitor control unit
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB5	Fuse 5 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
S131	Fuse 1
T2	2-pin connector
T2fv	2-pin connector
T8	8-pin connector
T40	40-pin connector
T52a	52-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
B150	Positive connection 2 (30a), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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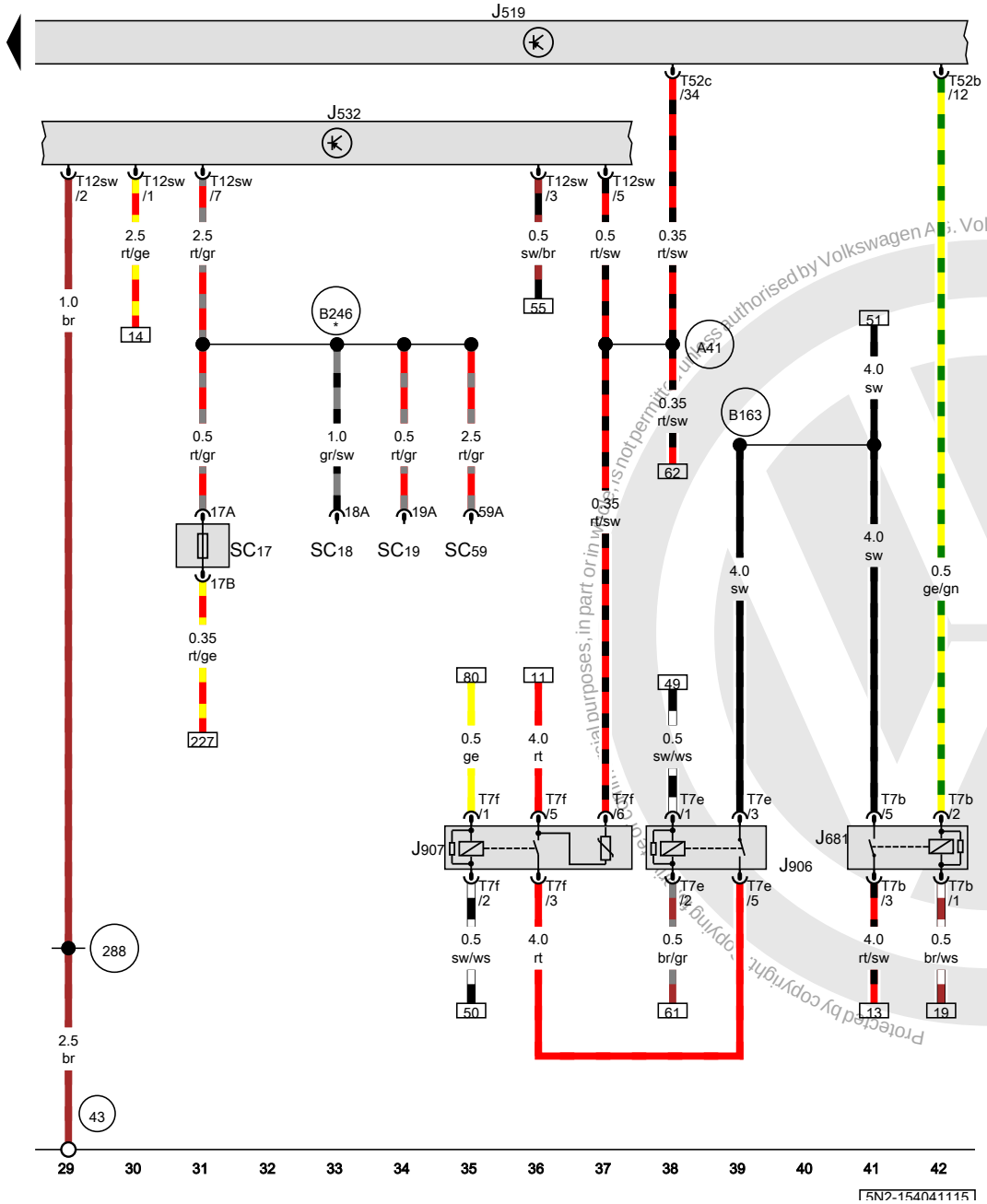


ws = white
sw = black
ro = red
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li = purple
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Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Only models with manual gearbox

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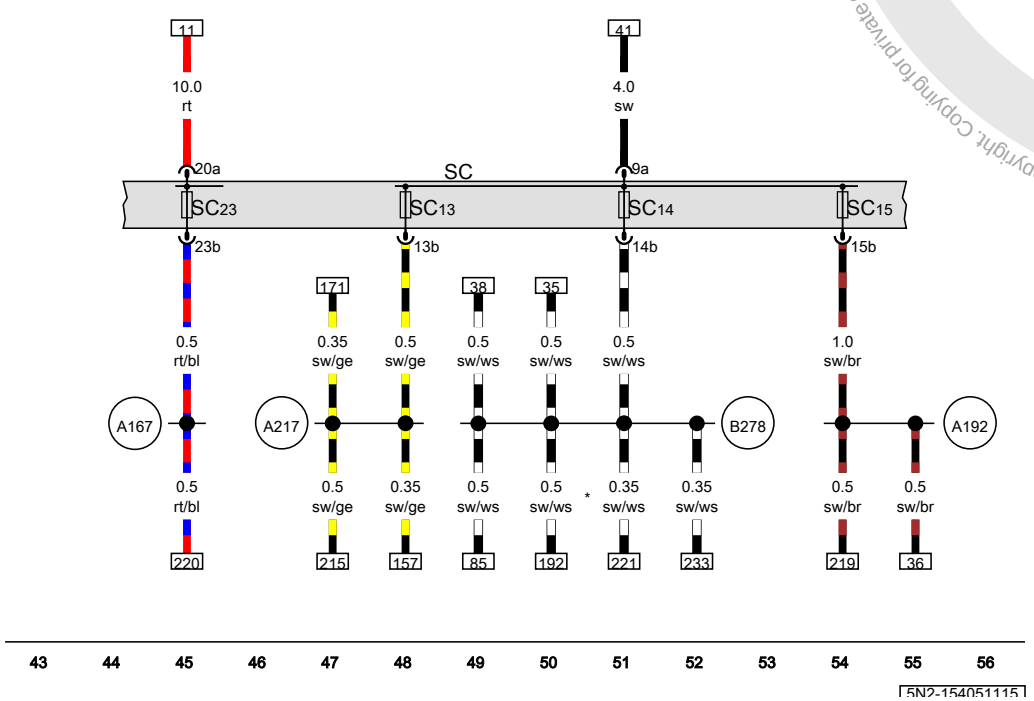
Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2

J519	Onboard supply control unit
J532	Voltage stabiliser
J681	Terminal 15 voltage supply relay 2
J906	Starter relay 1
J907	Starter relay 2
SC17	Fuse 17 on fuse holder C
SC18	Fuse 18 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC59	Fuse 59 on fuse holder C
T7b	7-pin connector
T7e	7-pin connector
T7f	7-pin connector
T12sw	12-pin connector
T52b	52-pin connector
T52c	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
A41	Positive connection (50), in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B246	Positive connection (30a, stabilised), in interior wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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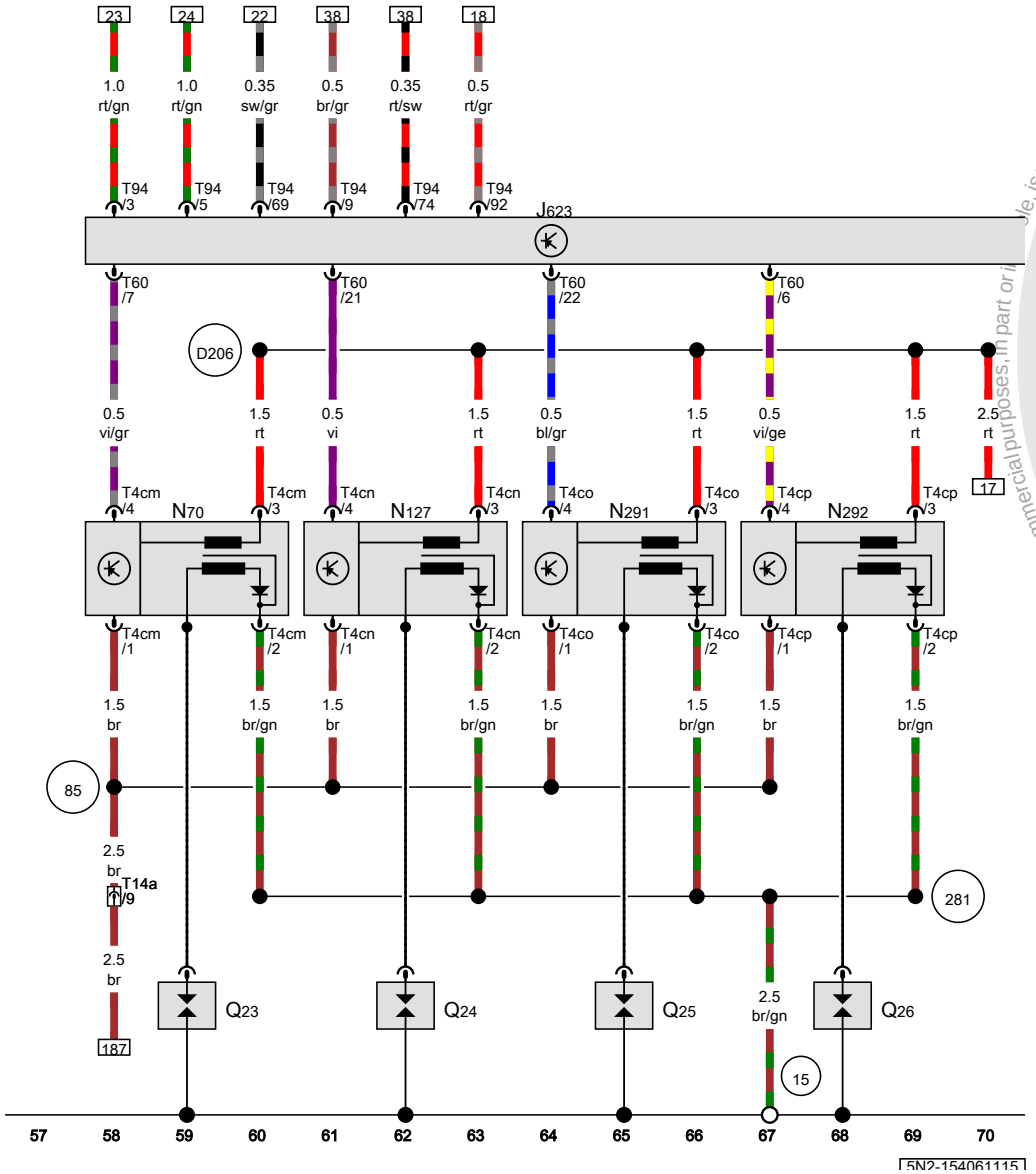


Fuse holder C

SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Up to November 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage



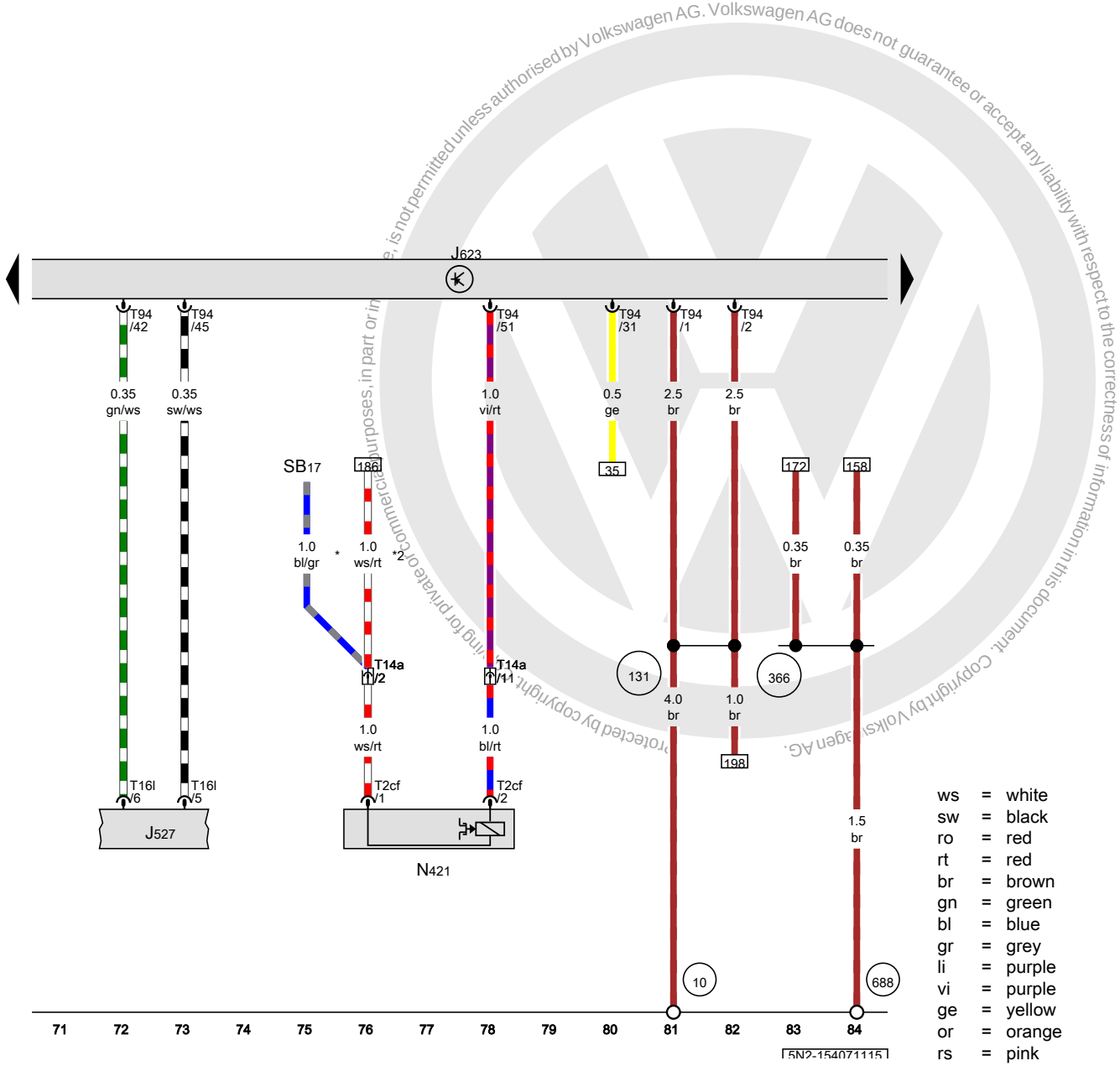
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness

ws	=	white
sw	=	black
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rt	=	red
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gn	=	green
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Engine control unit, Magnetic clutch for supercharger

J527	Steering column electronics control unit
J623	Engine control unit
N421	Magnetic clutch for supercharger
SB17	Fuse 17 on fuse holder B
T2cf	2-pin connector
T14a	14-pin connector
T16l	16-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
*	Up to November 2011
*2	From November 2011

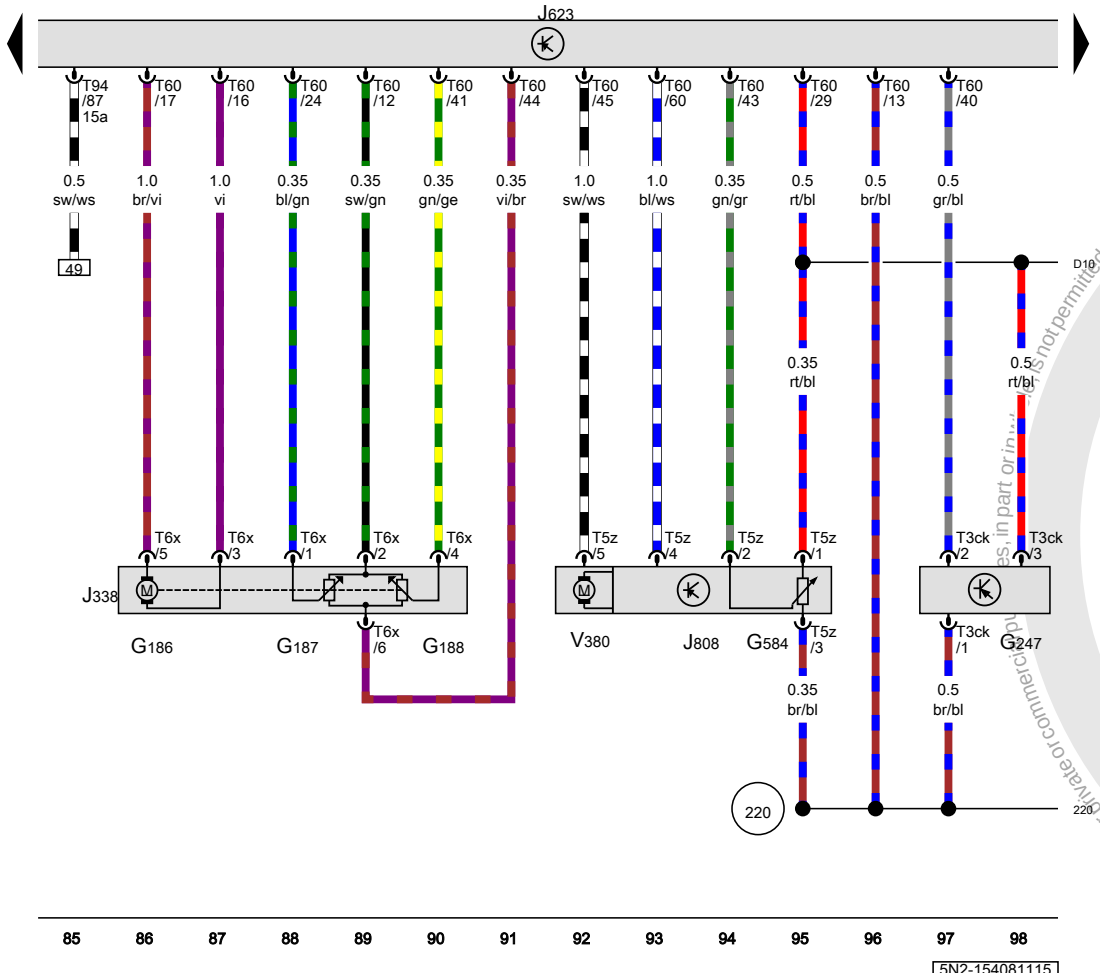


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Fuel pressure sender, Throttle valve module, Engine control unit, Regulating flap control unit

G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
G584	Regulating flap potentiometer
J338	Throttle valve module
J623	Engine control unit
J808	Regulating flap control unit
T3ck	3-pin connector
T5z	5-pin connector
T6x	6-pin connector
T60	60-pin connector
T94	94-pin connector
V380	Regulating flap position control motor
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

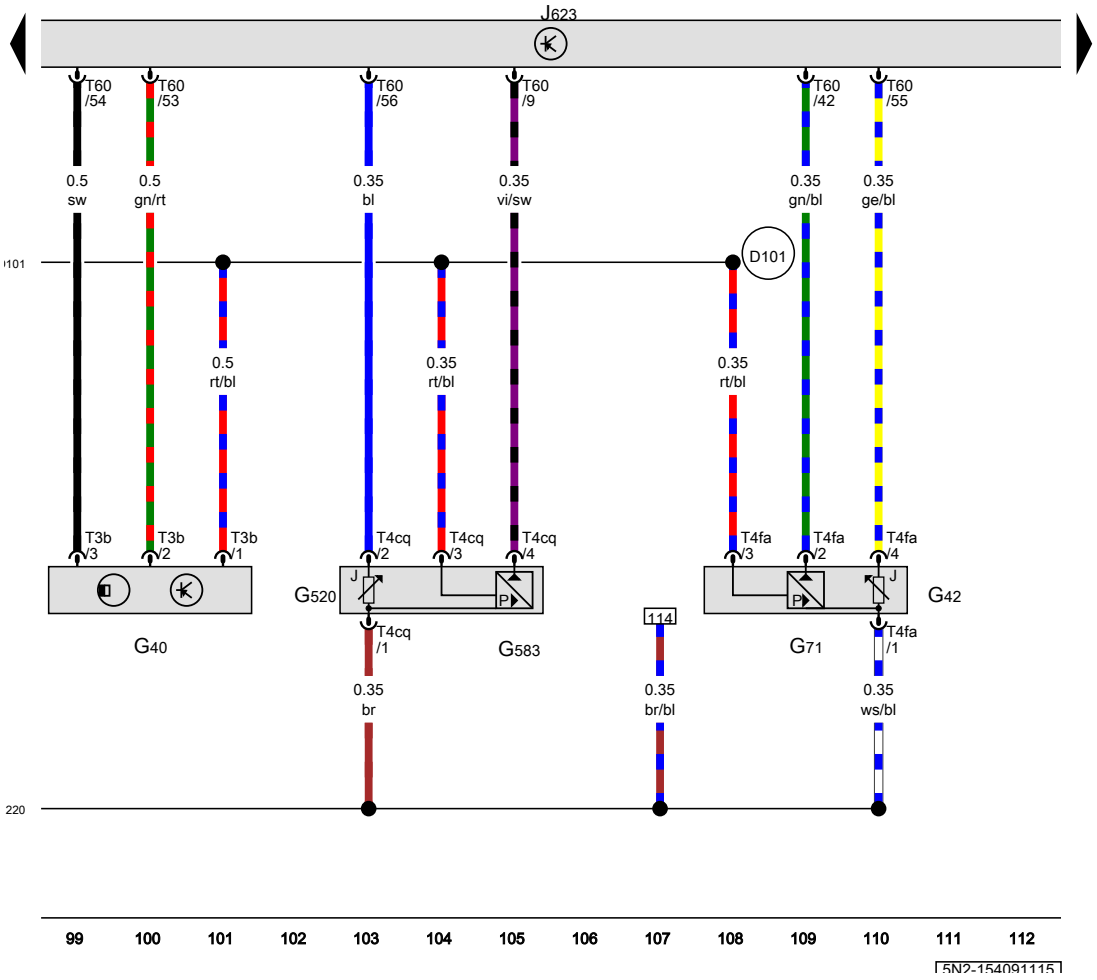


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Intake manifold pressure sender, Intake manifold pressure sender 3, Engine control unit

G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G520	Intake air temperature sender 3
G583	Intake manifold pressure sender 3
J623	Engine control unit
T3b	3-pin connector
T4cq	4-pin connector
T4fa	4-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness



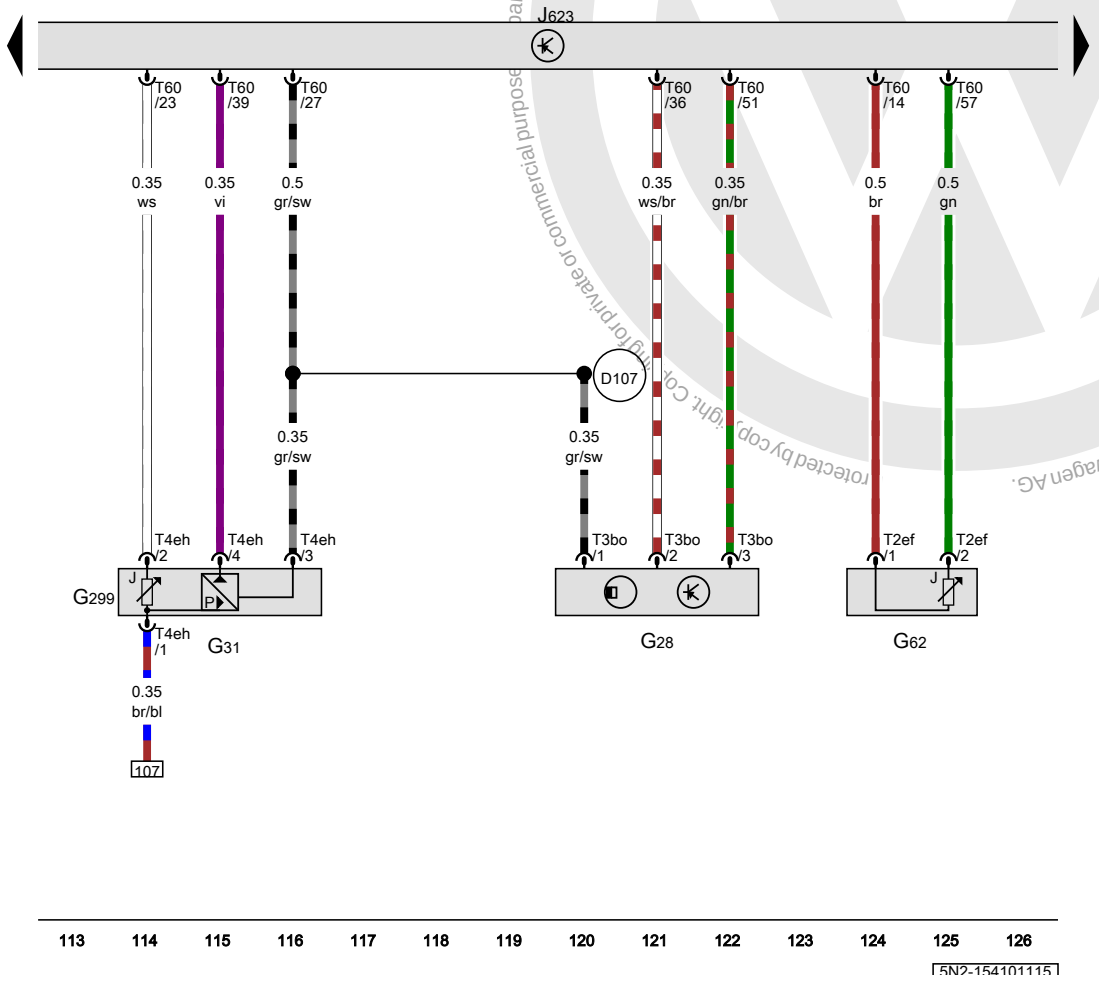
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Engine speed sender, Charge pressure sender, Coolant temperature sender, Engine control unit

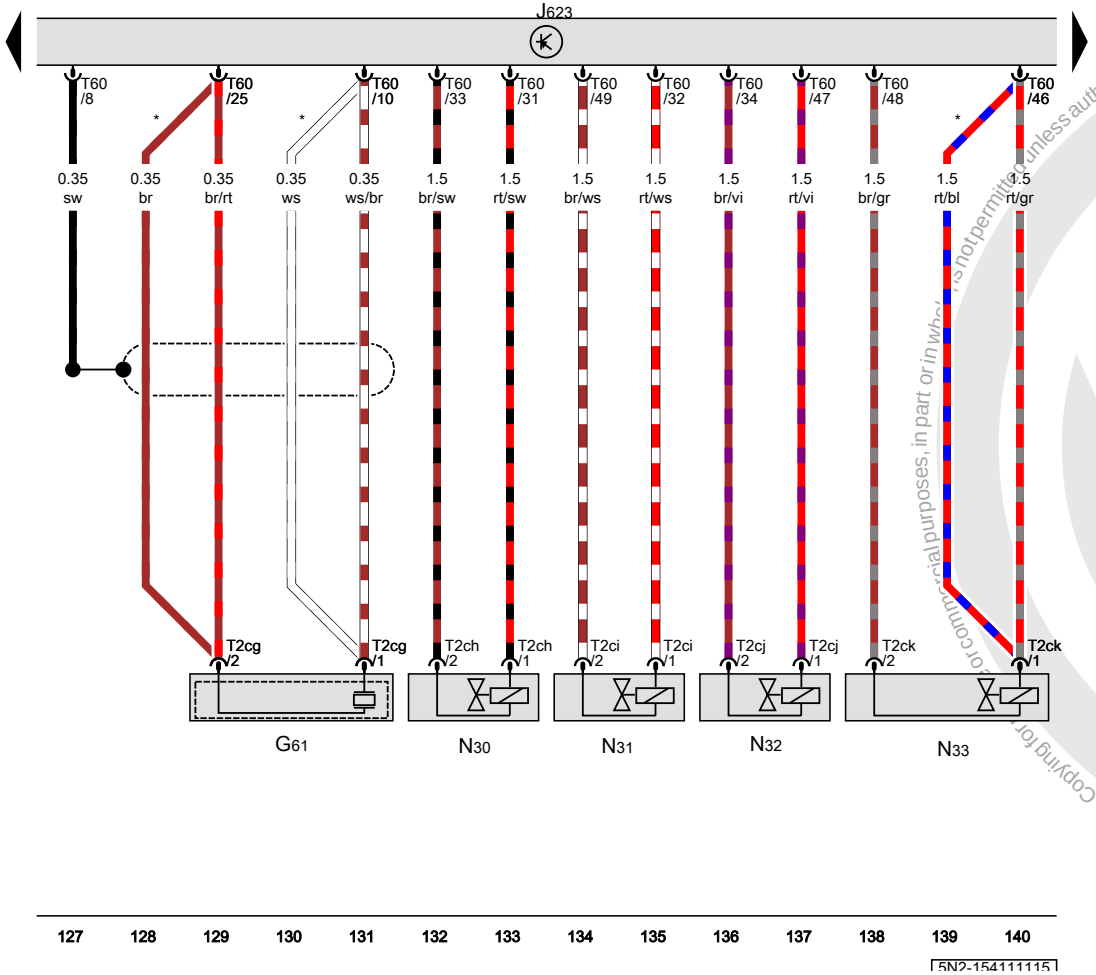
G28	Engine speed sender
G31	Charge pressure sender
G62	Coolant temperature sender
G299	Intake air temperature sender 2
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T4eh	4-pin connector
T60	60-pin connector
D107	Connection 5 in engine compartment wiring harness



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Knock sensor 1, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G61	Knock sensor 1
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2cg	2-pin connector
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T60	60-pin connector
*	According to equipment

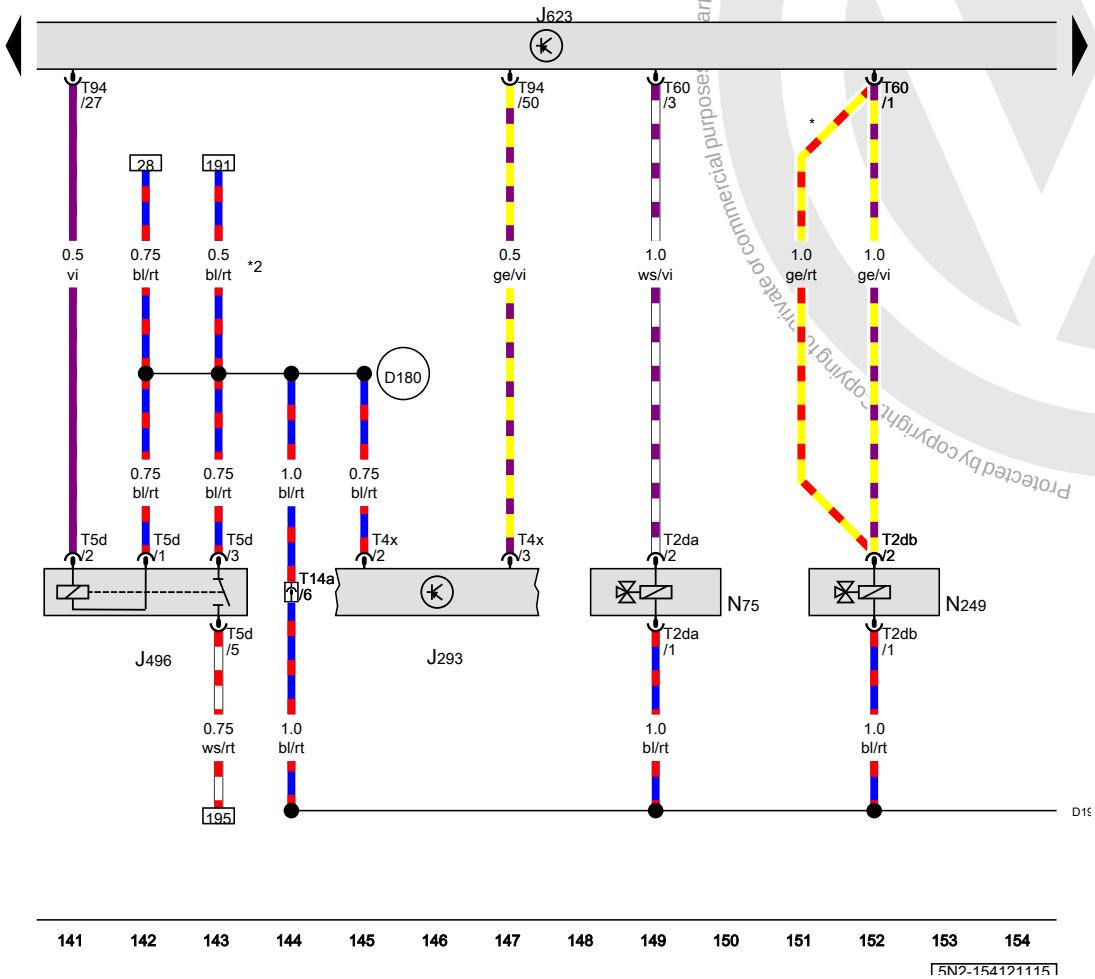


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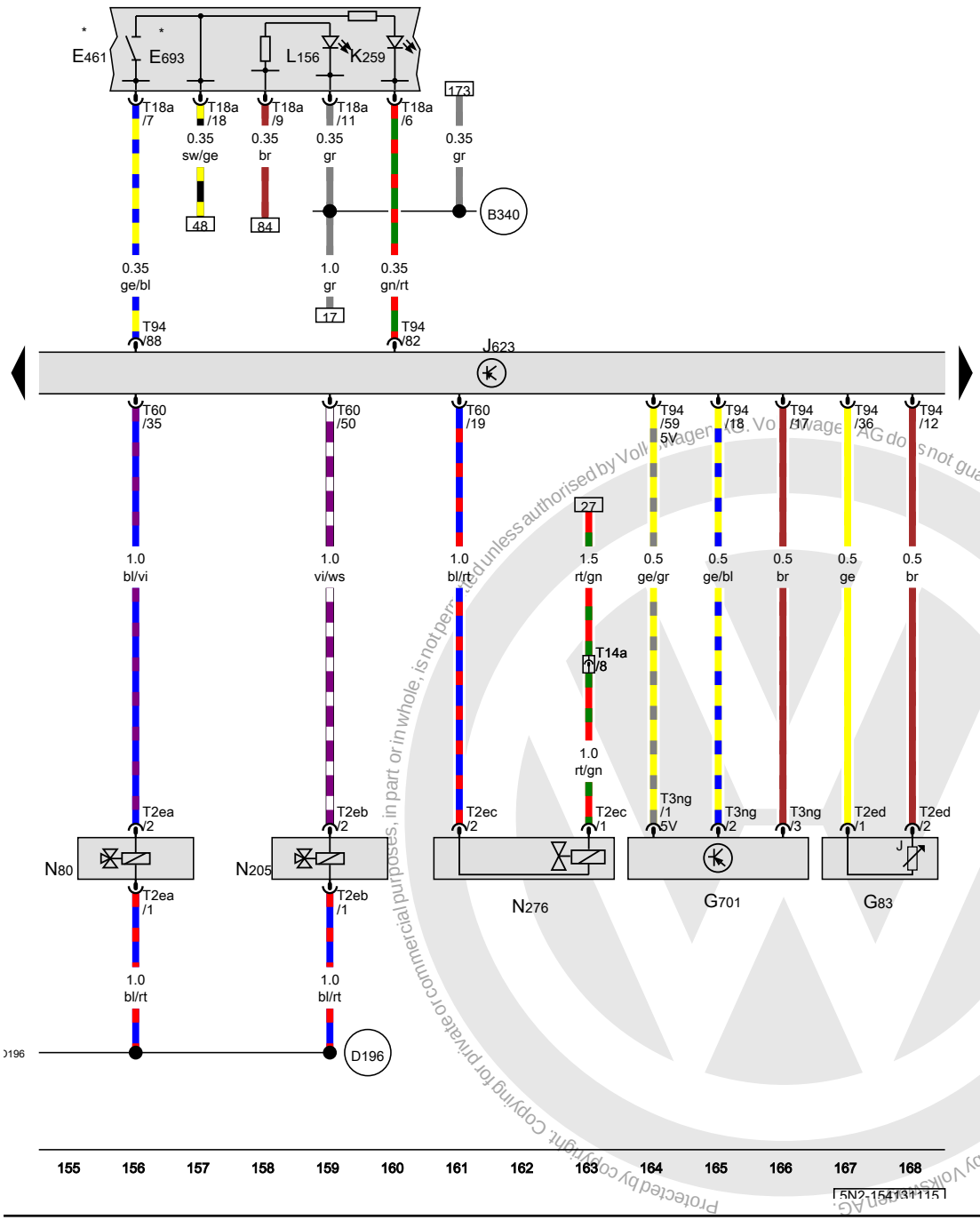
Radiator fan control unit, Additional coolant pump relay, Engine control unit, Charge pressure control solenoid valve, Turbocharger air recirculation valve

J293	Radiator fan control unit
J496	Additional coolant pump relay
J623	Engine control unit
N75	Charge pressure control solenoid valve
N249	Turbocharger air recirculation valve
T2da	2-pin connector
T2db	2-pin connector
T4x	4-pin connector
T5d	5-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	According to equipment
*2	From November 2011



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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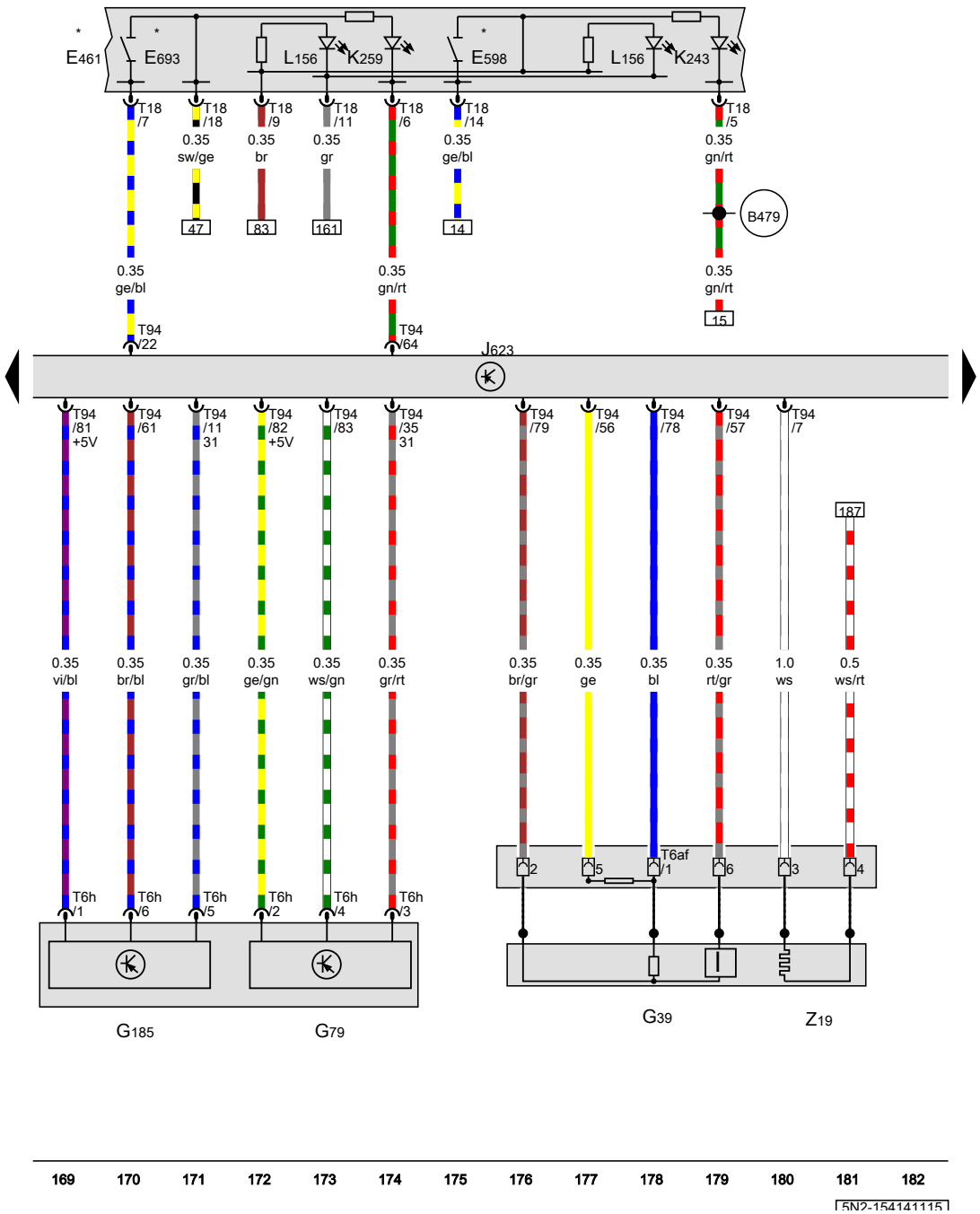


Operating unit in front of centre console, Start/Stop operation button, Radiator outlet coolant temperature sender, Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve

E461	Operating unit in front of centre console
E693	Start/Stop operation button
G83	Radiator outlet coolant temperature sender
G701	Gearbox neutral position sender
J623	Engine control unit
K259	Start/Stop operation warning lamp
L156	Switch illumination bulb
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
T2ea	2-pin connector
T2eb	2-pin connector
T2ec	2-pin connector
T2ed	2-pin connector
T3ng	3-pin connector
T14a	14-pin connector
T18a	18-pin connector
T60	60-pin connector
T94	94-pin connector
B340	Connection 1 (58d), in main wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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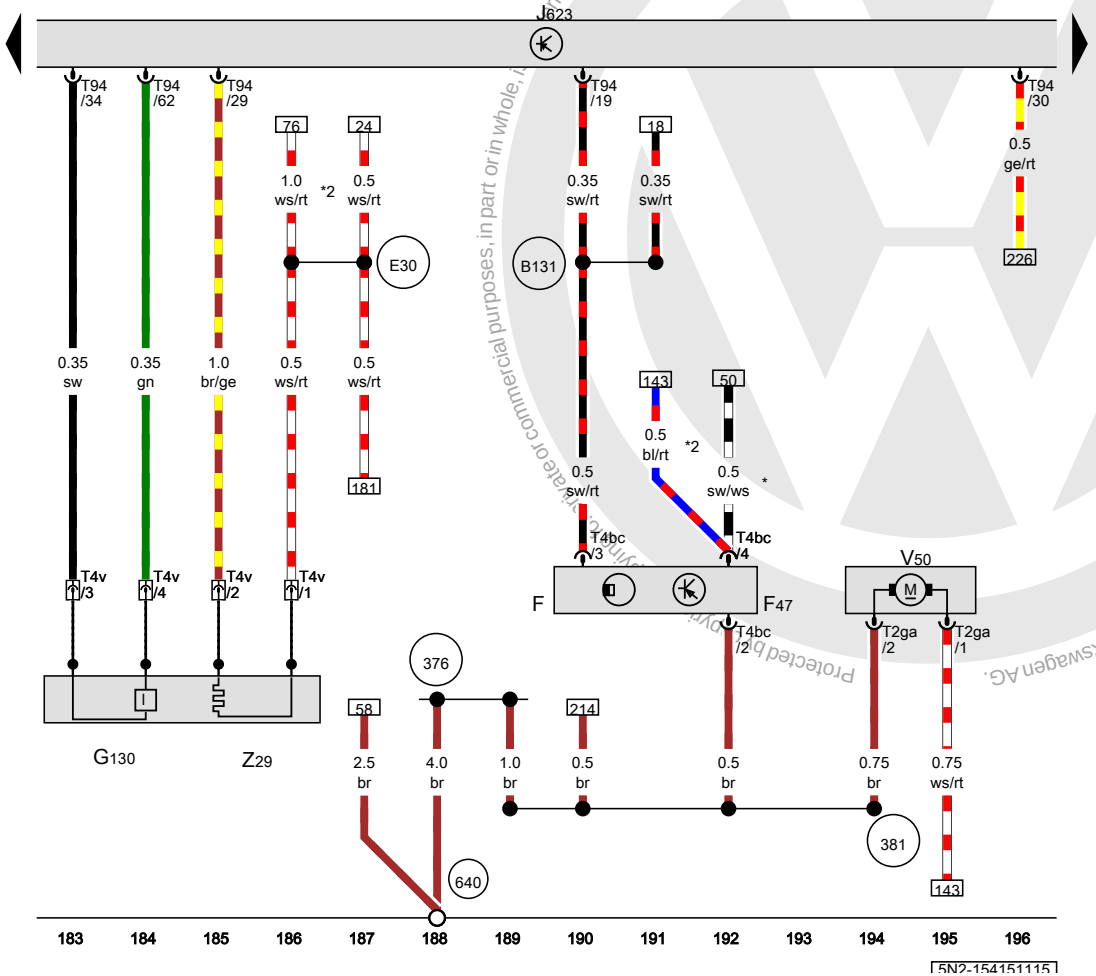
Operating unit in front of centre console, Start/Stop operation button, Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine control unit

E461	Operating unit in front of centre console
E598	Driving program button
E693	Start/Stop operation button
G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
K243	Driving program warning light
K259	Start/Stop operation warning lamp
L156	Switch illumination bulb
T6af	6-pin connector
T6h	6-pin connector
T18	18-pin connector
T94	94-pin connector
Z19	Lambda probe heater
(B479)	Connection 15, in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Brake light switch, Lambda probe after catalytic converter, Engine control unit, Coolant circulation pump



F Brake light switch
F47 Brake pedal switch
G130 Lambda probe after catalytic converter
J623 Engine control unit
T2ga 2-pin connector
T4bc 4-pin connector
T4v 4-pin connector
T94 94-pin connector
V50 Coolant circulation pump
Z29 Lambda probe 1 heater after catalytic converter

376 Earth connection 11, in main wiring harness

381 Earth connection 16, in main wiring harness

640 Earth point 2, left in engine compartment

B131 Connection (54), in interior wiring harness

E30 Connection (87a), in engine wiring harness

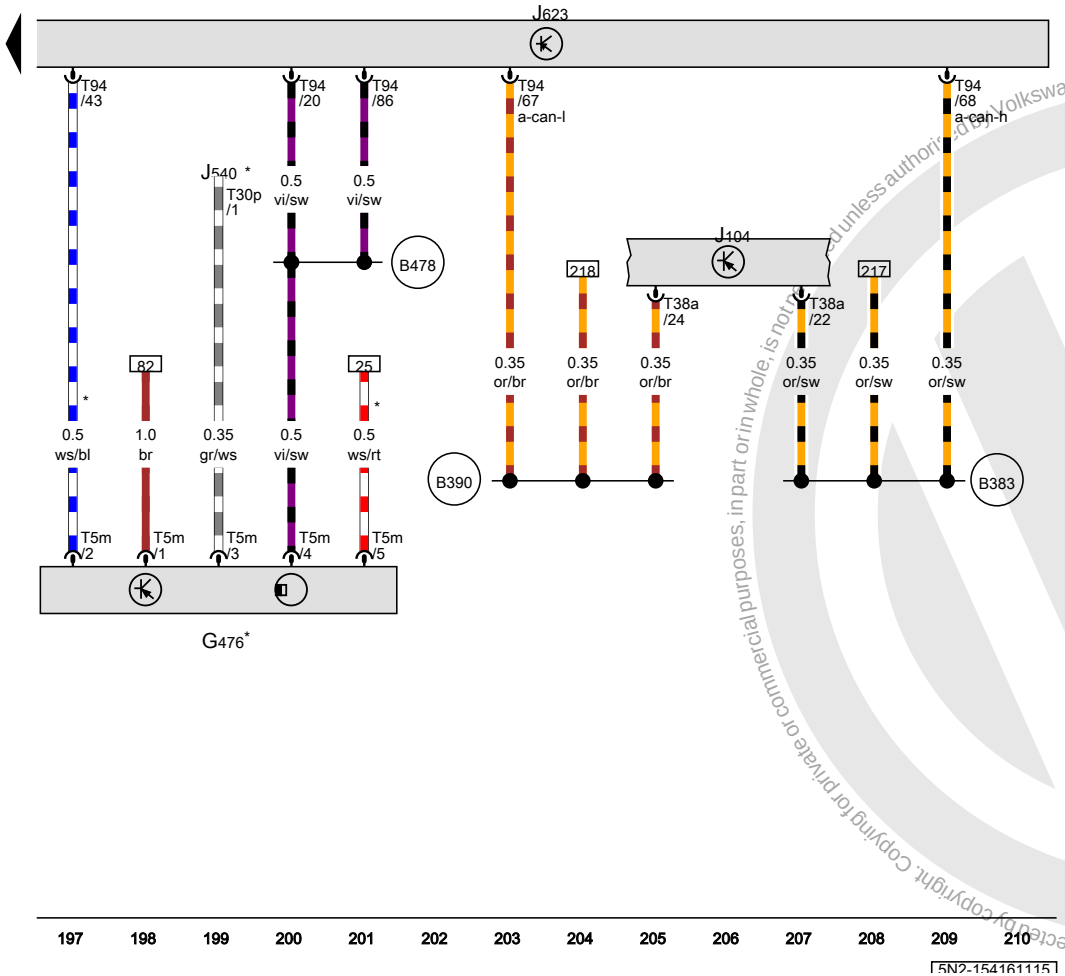
* Up to November 2011
*2 From November 2011

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Clutch position sender, Engine control unit

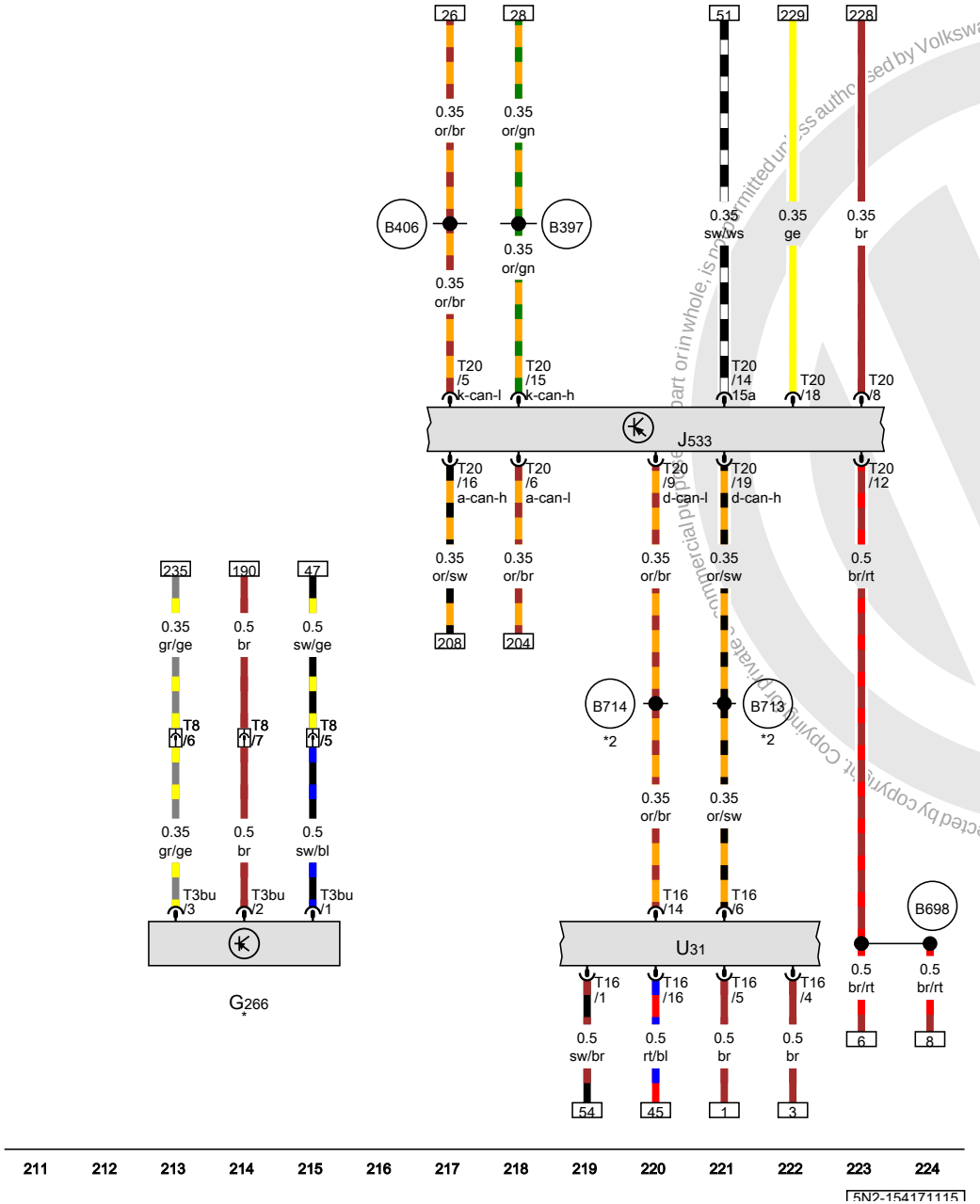
G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5m	5-pin connector
T30p	30-pin connector
T38a	38-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B478	Connection 14, in main wiring harness
*	Only models with manual gearbox



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Oil level and oil temperature sender, Data bus diagnostic interface, Diagnostic connection



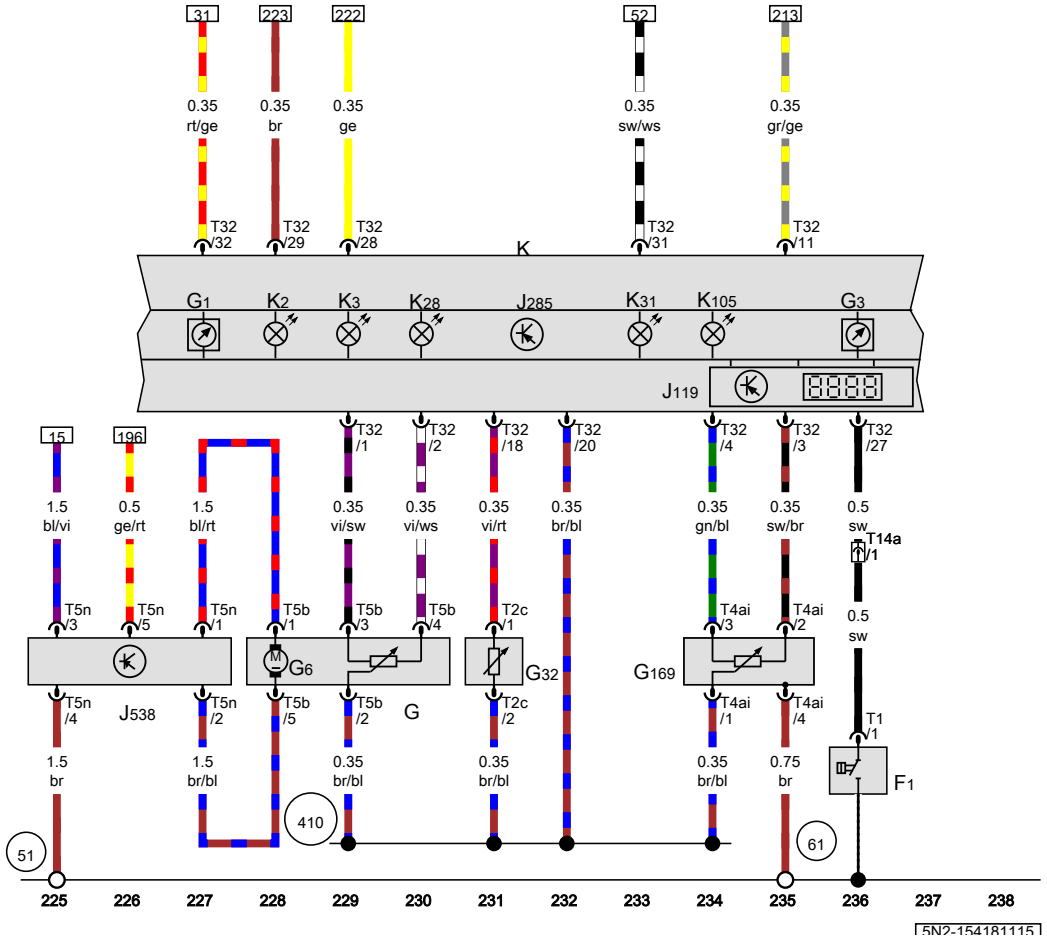
G266	Oil level and oil temperature sender
J533	Data bus diagnostic interface
T3bu	3-pin connector
T8	8-pin connector
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
*	According to equipment
*2	From May 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T1	Single connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness



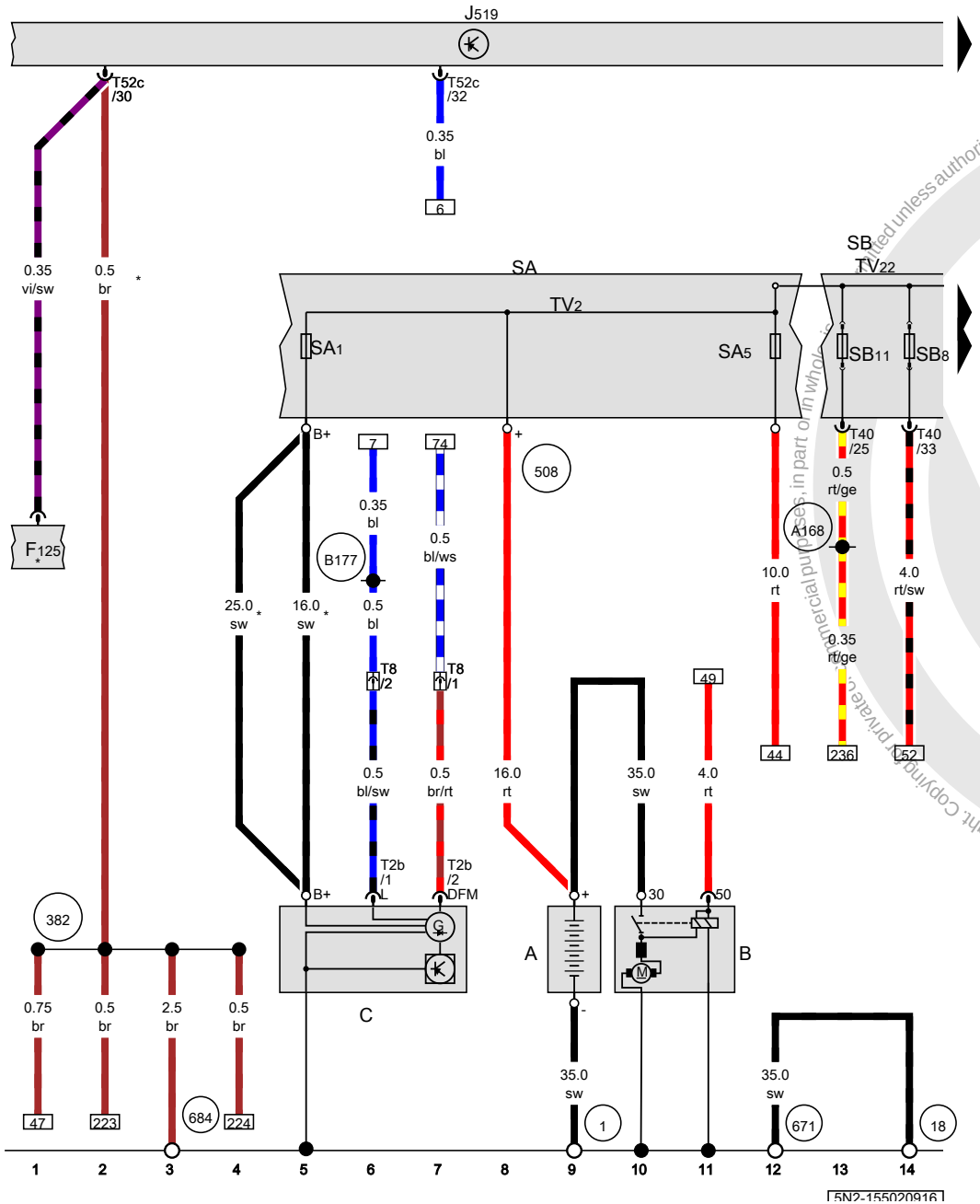
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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2.0l petrol engine , CAWA,CAWB,CCTA,CCTB,CCZB,CCZC,CCZD

From May 2011

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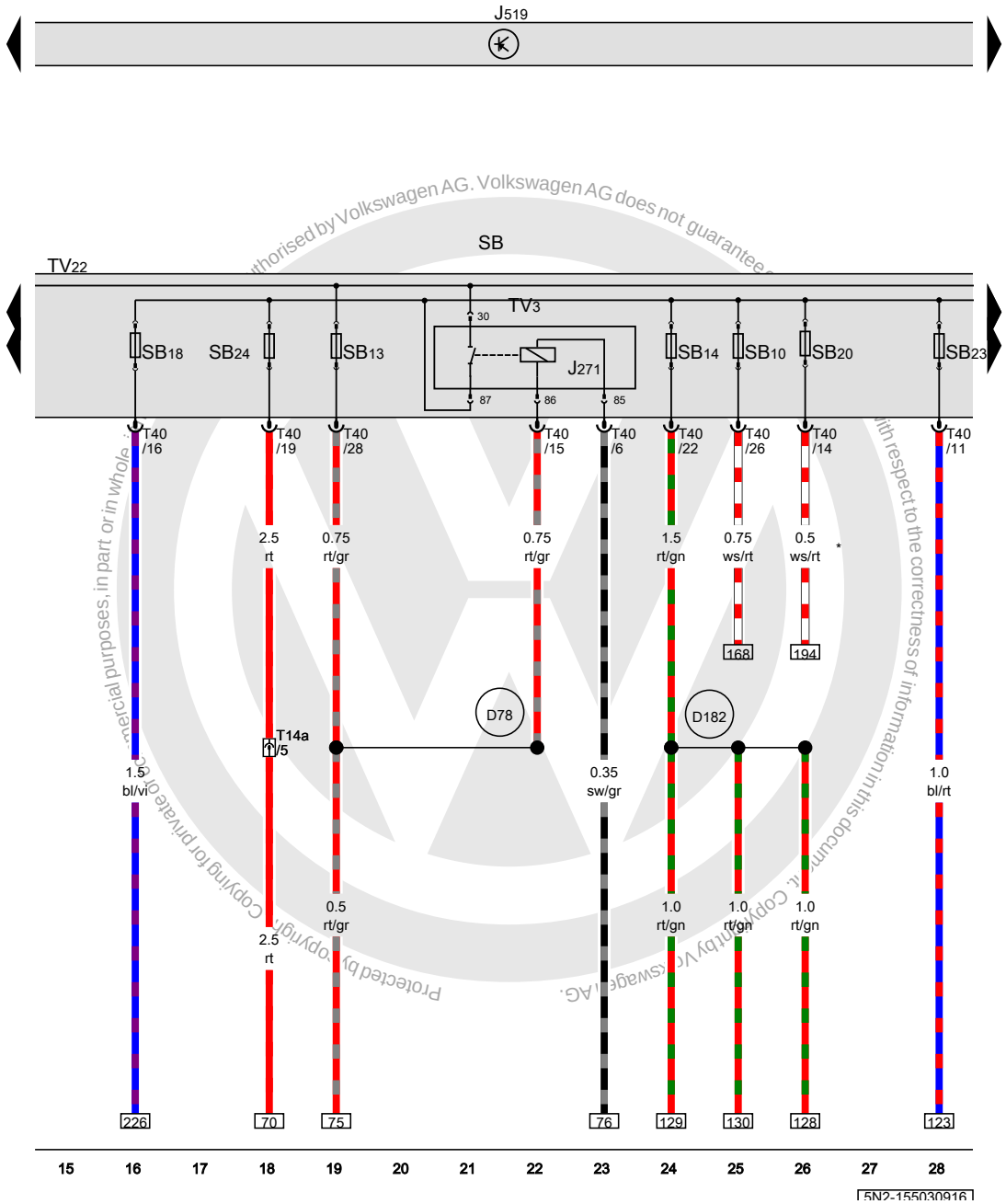


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, Starter, Alternator, Onboard supply control unit, Fuse holder A, Fuse holder B

A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA5	Fuse 5 on fuse holder A
SB	Fuse holder B
SB8	Fuse 8 on fuse holder B
SB11	Fuse 11 on fuse holder B
T2b	2-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
T8	8-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
A168	Positive connection 4 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	According to equipment

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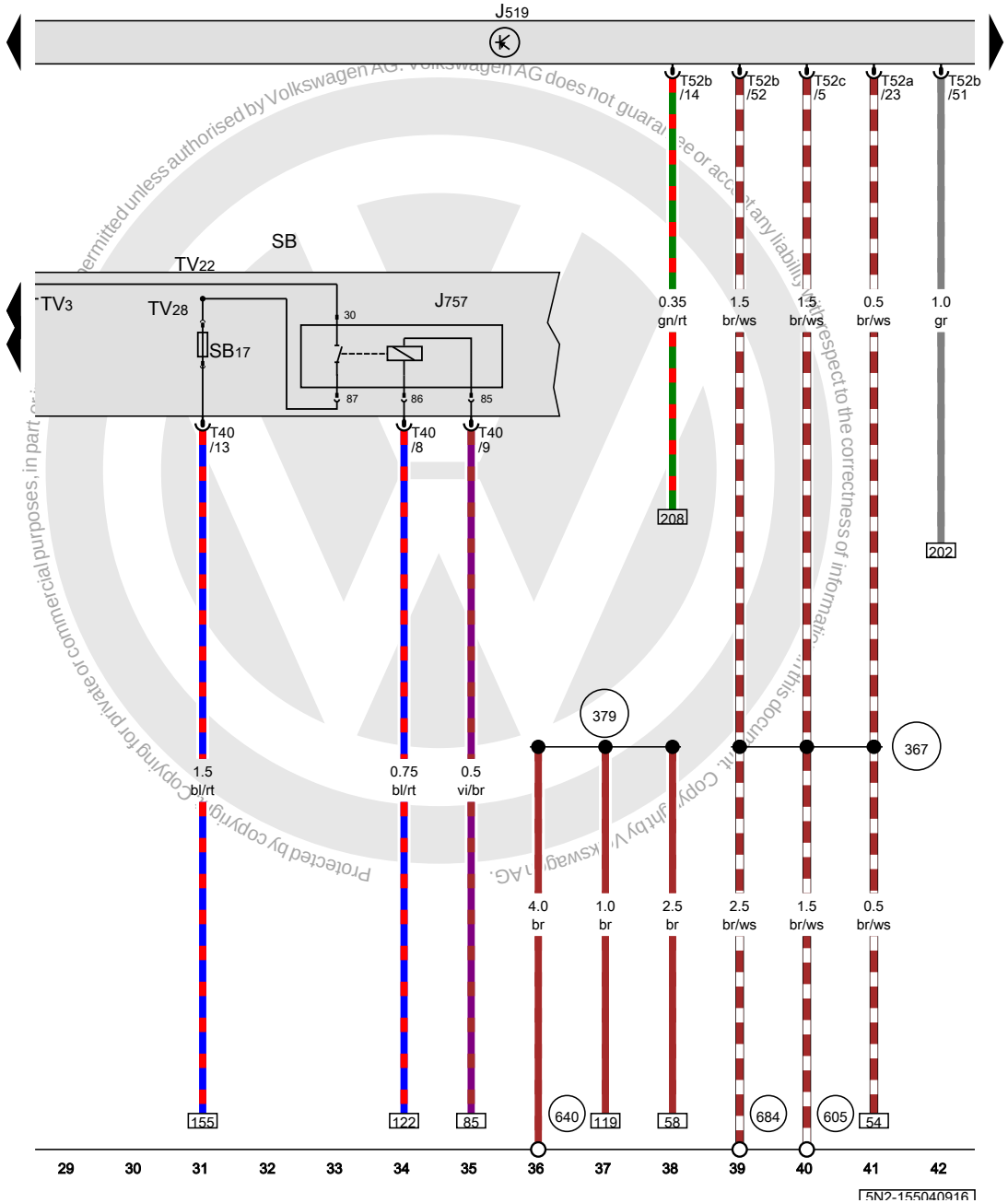


Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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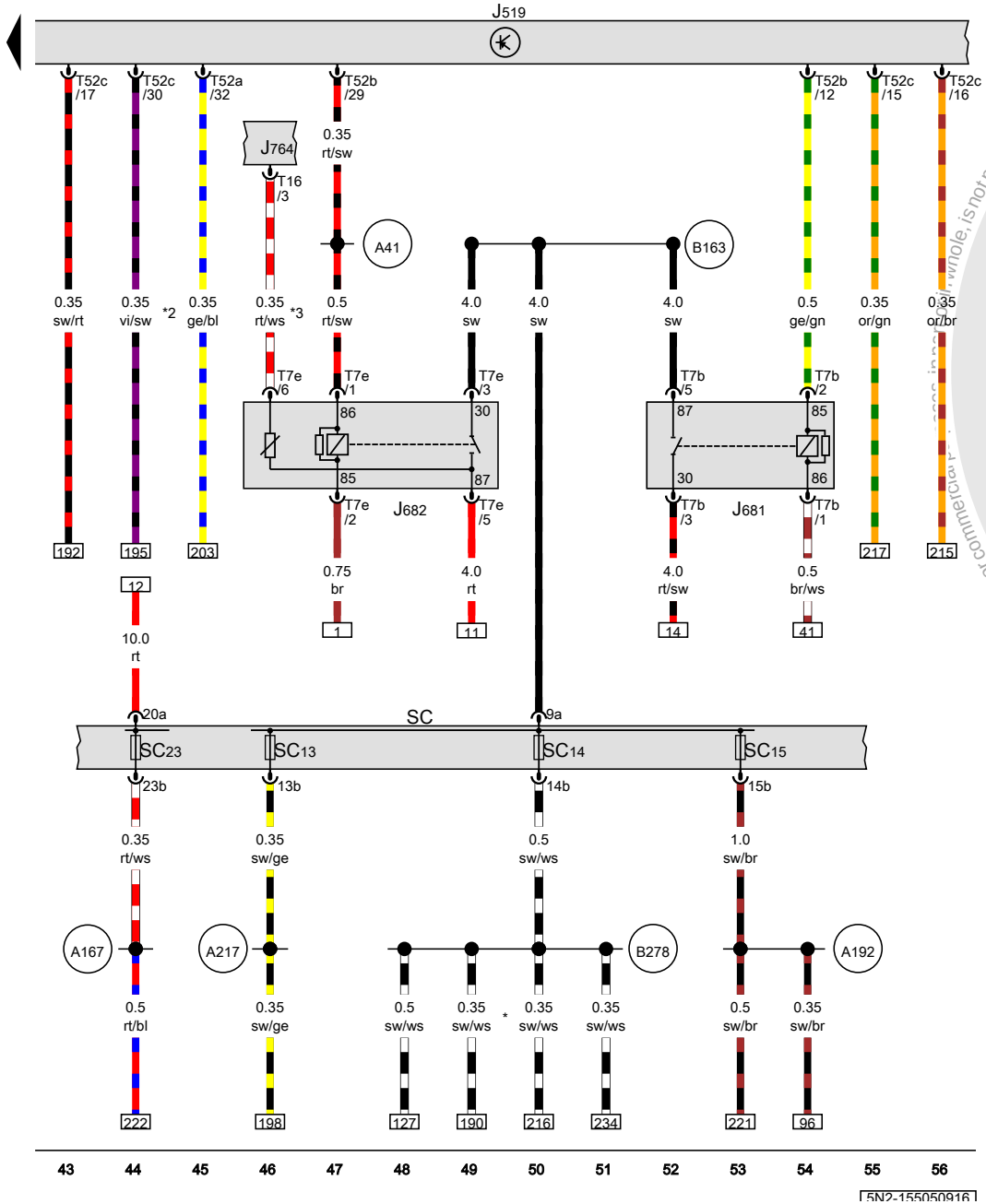


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Onboard supply control unit, Engine component current supply relay, Fuse holder B

J519	Onboard supply control unit
J757	Engine component current supply relay
SB	Fuse holder B
SB17	Fuse 17 on fuse holder B
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
TV28	Terminal 30 wiring junction 3
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
379	Earth connection 14, in main wiring harness
605	Earth point, on top end of steering column
640	Earth point 2, left in engine compartment
684	Earth point on front of left side member

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

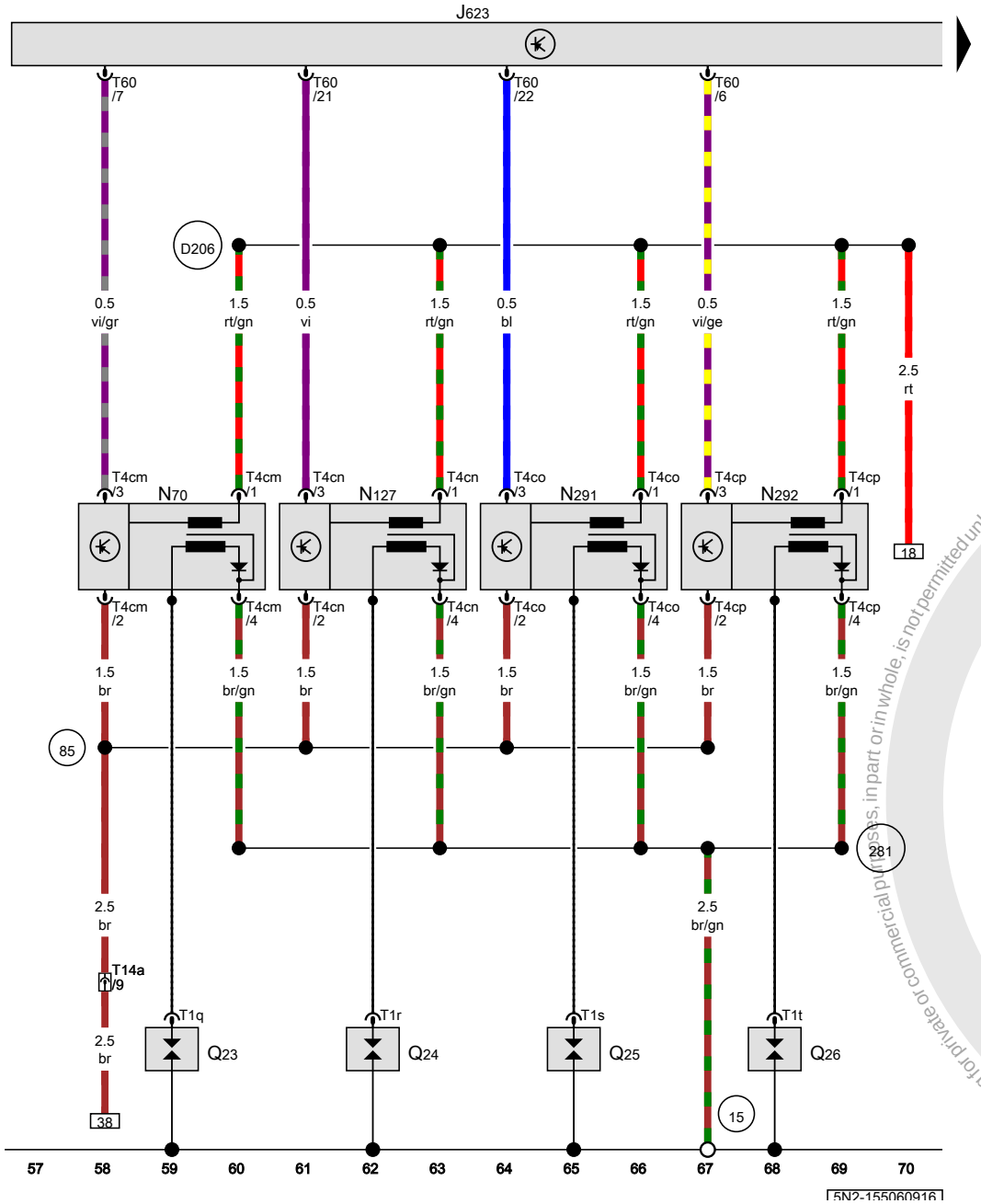


Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C

J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
J764	Control unit for electronic steering column lock
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
T7b	7-pin connector
T7e	7-pin connector
T16	16-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Up to November 2011
*2	Only for American markets
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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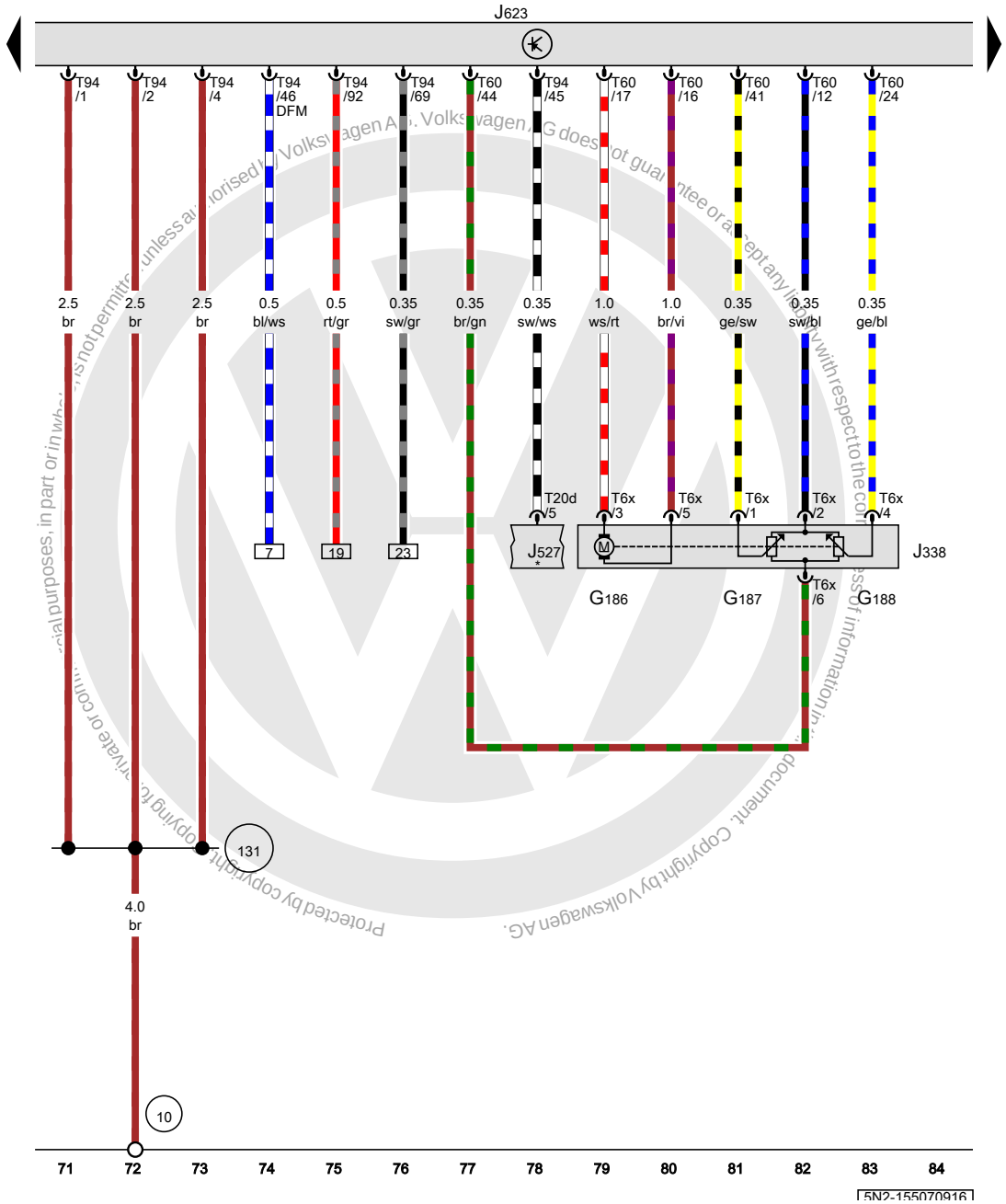


Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T1q	1-pin connector
T1r	1-pin connector
T1s	1-pin connector
T1t	1-pin connector
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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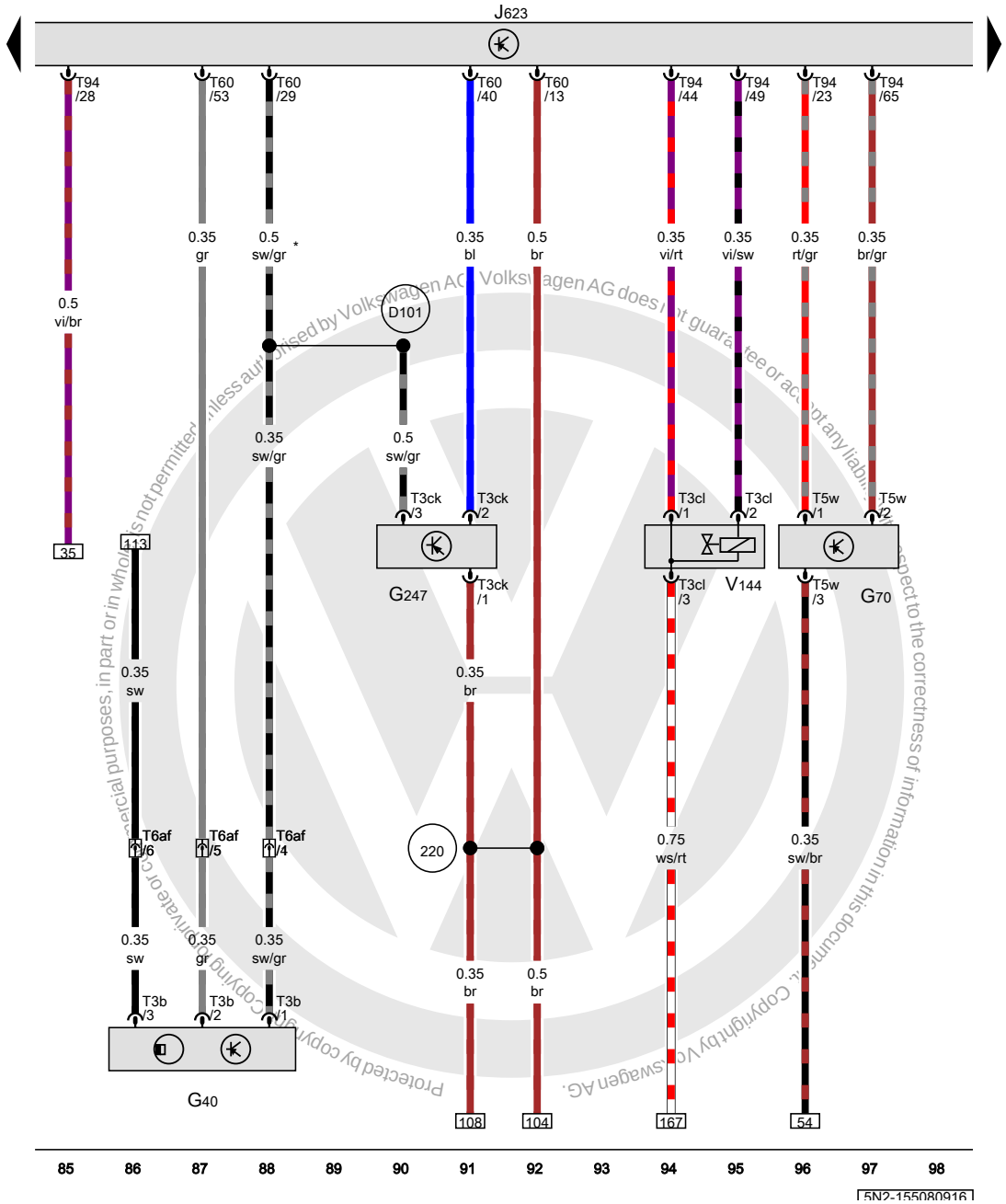
Throttle valve module, Engine control unit

G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J527	Steering column electronics control unit
J623	Engine control unit
T6x	6-pin connector
T20d	20-pin connector
T60	60-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
*	Only models with cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Air mass meter, Fuel pressure sender, Engine control unit

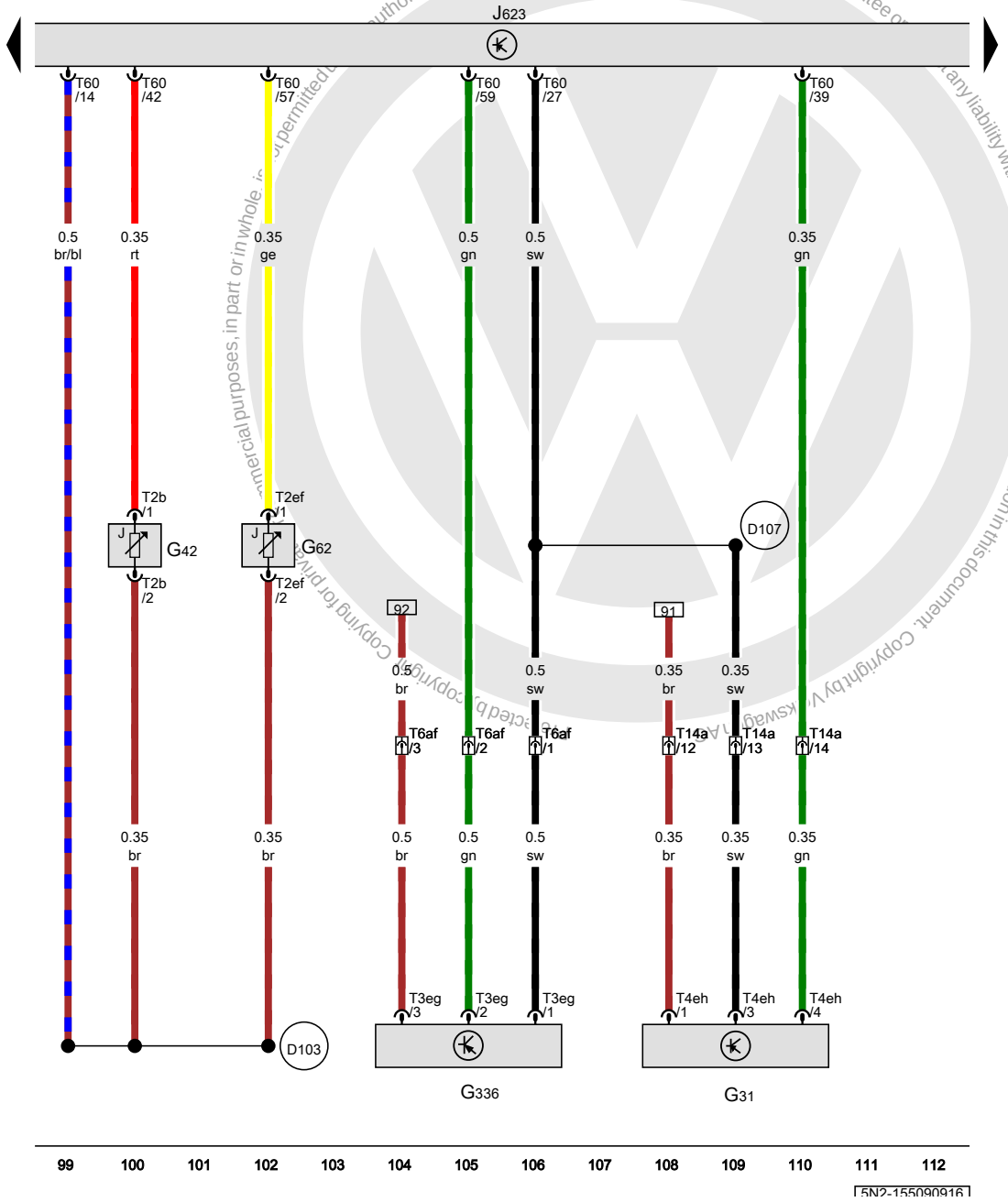


G40	Hall sender
G70	Air mass meter
G247	Fuel pressure sender
J623	Engine control unit
T3b	3-pin connector
T3ck	3-pin connector
T3cl	3-pin connector
T5w	5-pin connector
T6af	6-pin connector
T60	60-pin connector
T94	94-pin connector
V144	Fuel system diagnostic pump
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness
*	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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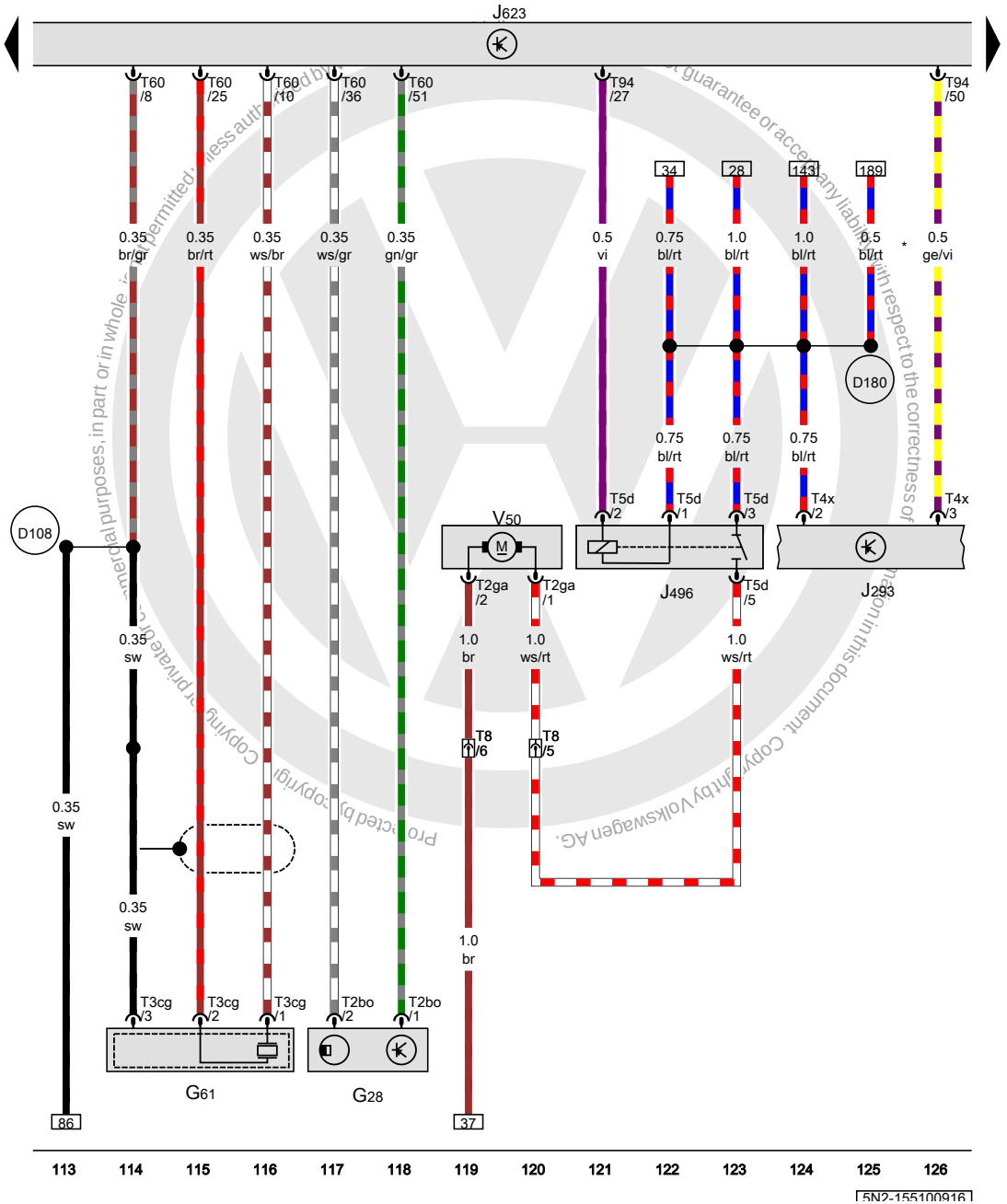
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Charge pressure sender, Intake air temperature sender, Coolant temperature sender, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
T2b	2-pin connector
T2ef	2-pin connector
T3eg	3-pin connector
T4eh	4-pin connector
T6af	6-pin connector
T14a	14-pin connector
T60	60-pin connector
D103	Connection 3 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



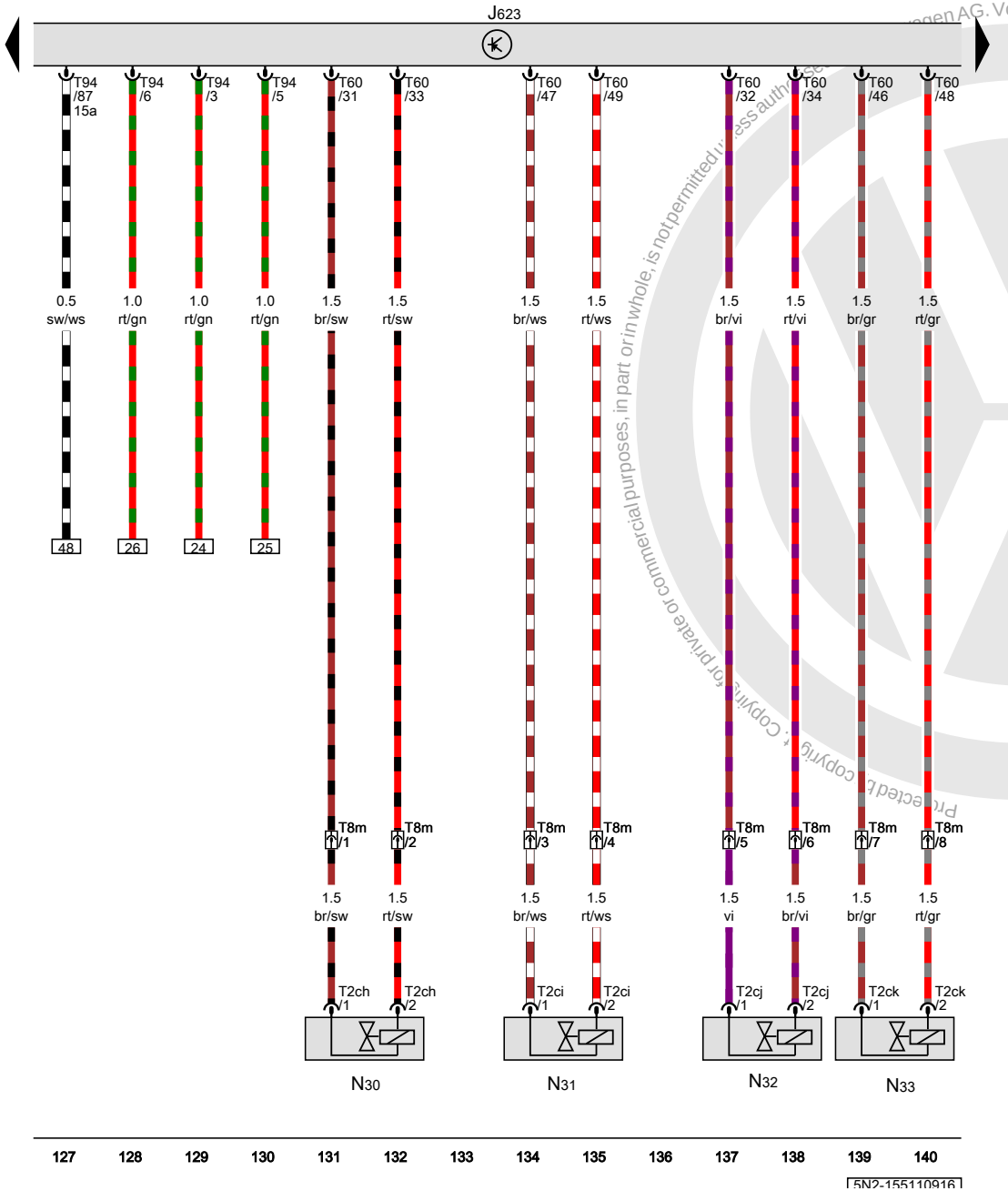
Engine speed sender, Knock sensor 1, Radiator fan control unit, Additional coolant pump relay, Engine control unit, Coolant circulation pump

G28	Engine speed sender
G61	Knock sensor 1
J293	Radiator fan control unit
J496	Additional coolant pump relay
J623	Engine control unit
T2bo	2-pin connector
T2ga	2-pin connector
T3cg	3-pin connector
T4x	4-pin connector
T5d	5-pin connector
T8	8-pin connector
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
D108	Connection 6 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	From November 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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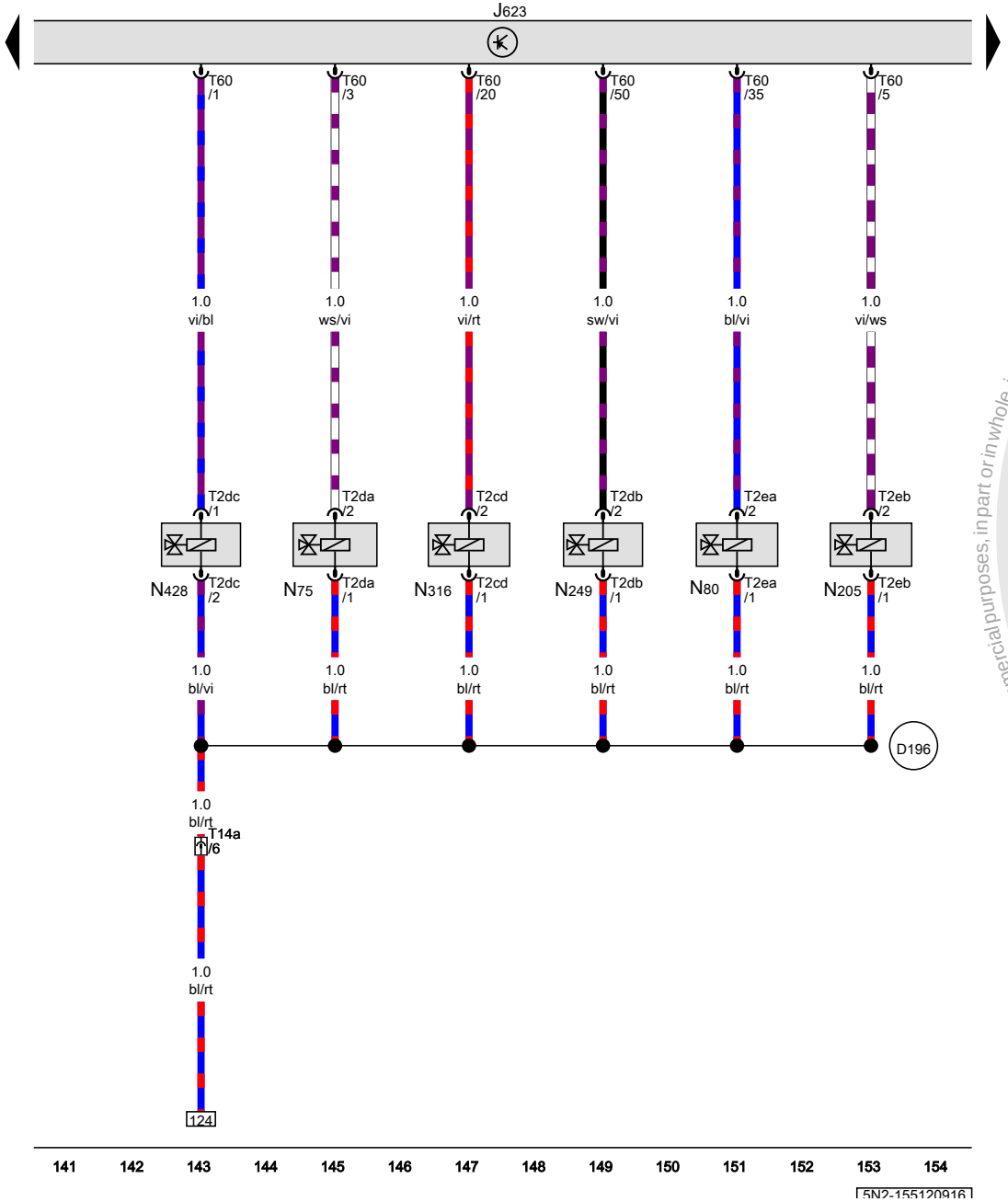
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4



J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T8m	8-pin connector
T60	60-pin connector
T94	94-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N428	Valve for oil pressure control
T2cd	2-pin connector
T2da	2-pin connector
T2db	2-pin connector
T2dc	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T14a	14-pin connector
T60	60-pin connector
D196	Connection 2 (87a) in engine prewiring harness

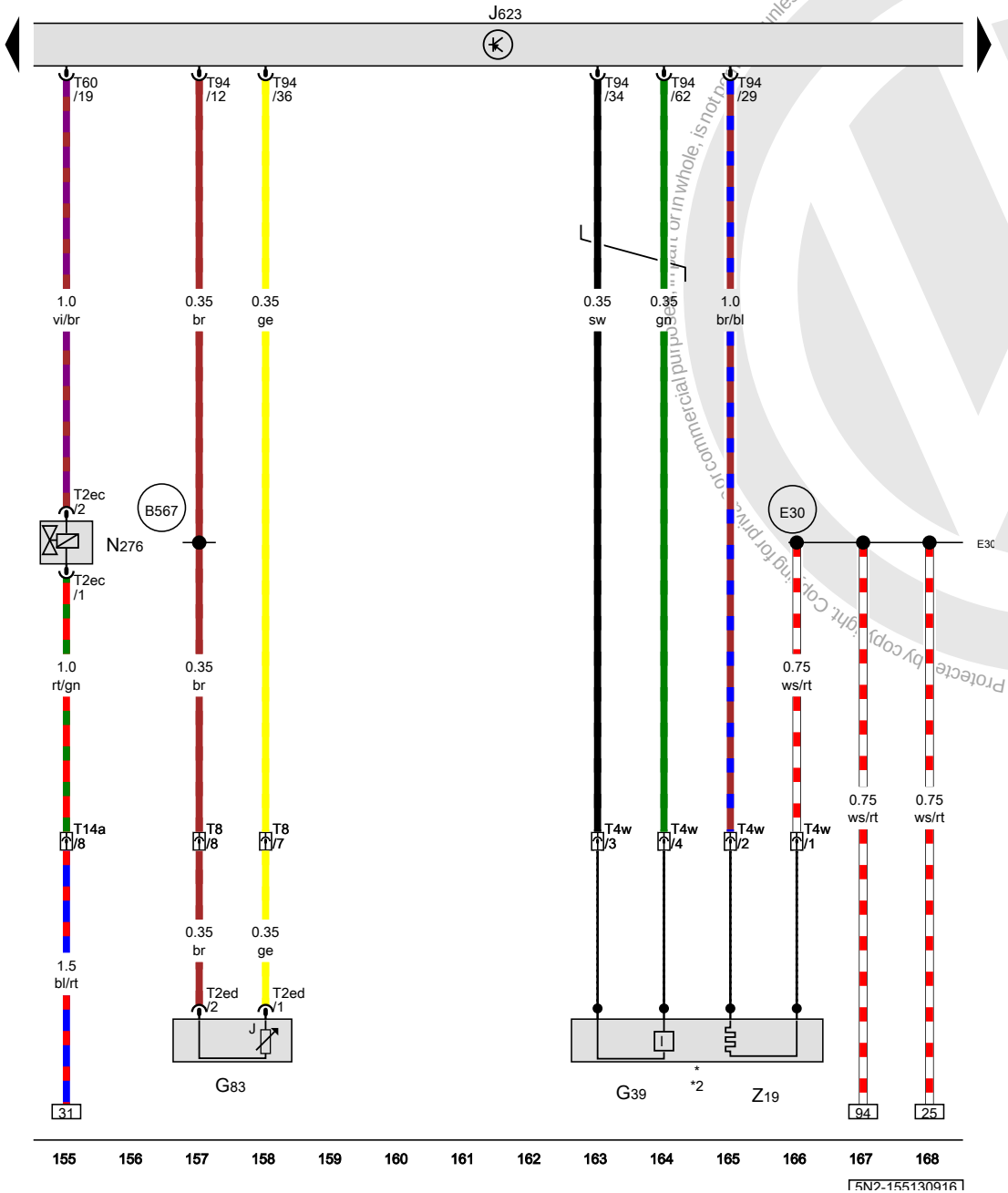
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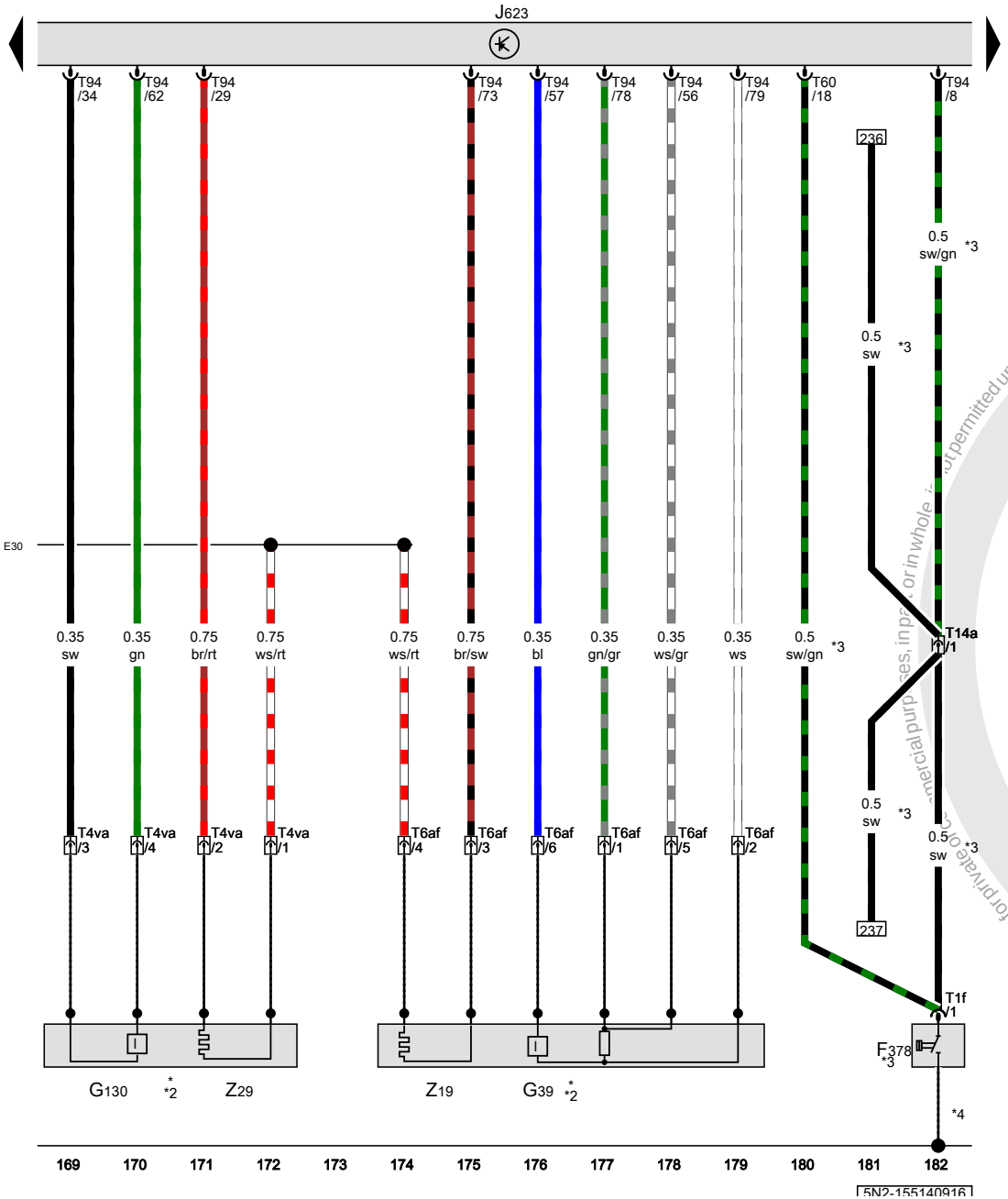
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Lambda probe, Radiator outlet coolant temperature sender, Engine control unit, Fuel pressure regulating valve, Lambda probe heater

G39	Lambda probe
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
N276	Fuel pressure regulating valve
T2ec	2-pin connector
T2ed	2-pin connector
T4w	4-pin connector
T8	8-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
Z19	Lambda probe heater
B567	Connection 34, in main wiring harness
E30	Connection (87a), in engine wiring harness
*	Only models with Euro 5 emission standard
*2	Only models with Euro 4 emission standard



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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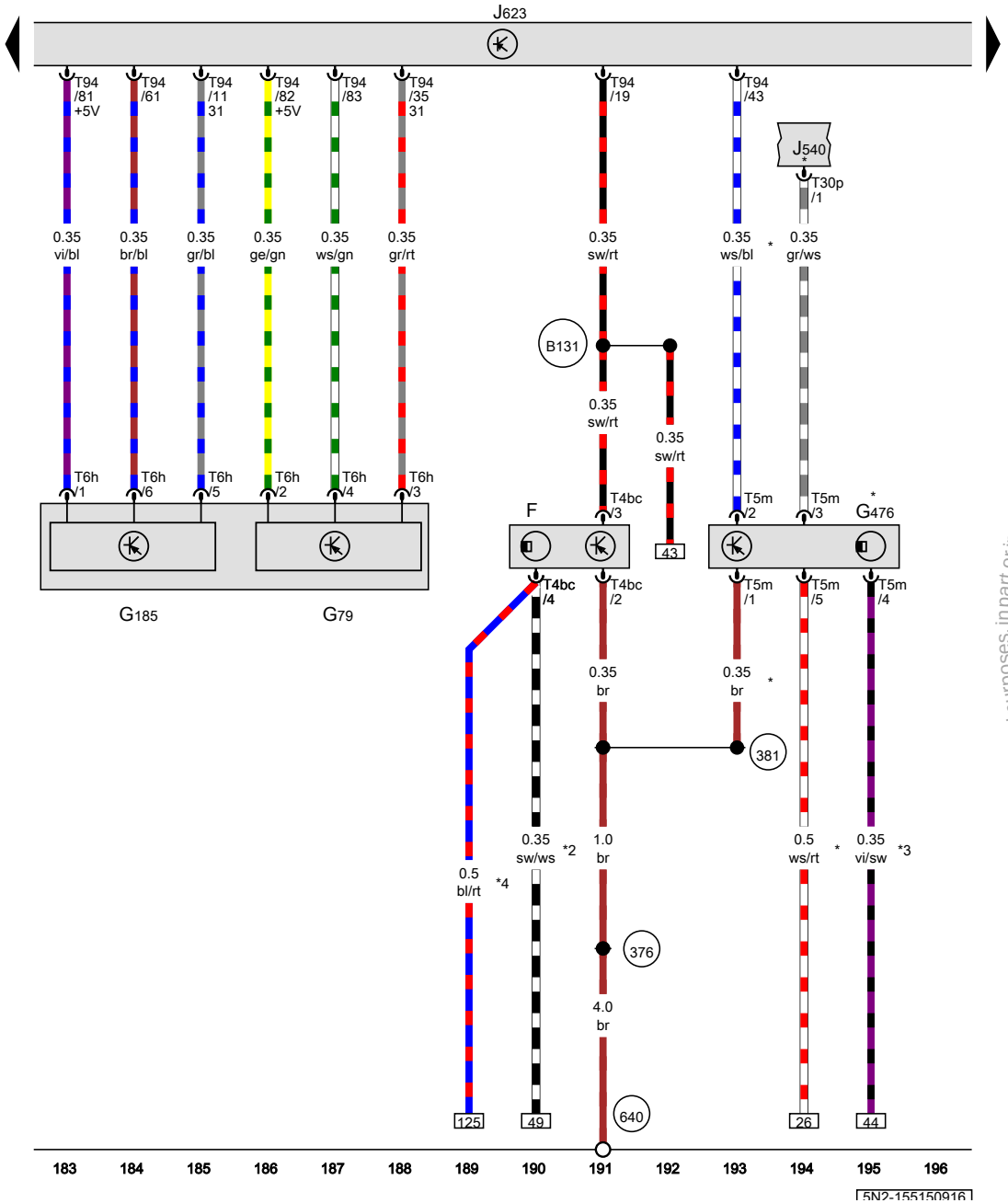


Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

F378	Oil pressure switch for reduced oil pressure
G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T1f	1-pin connector
T4va	4-pin connector
T6af	6-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
(E30)	Connection (87a), in engine wiring harness
*	Only models with BIN5/ULEV emission standard
*2	Only models with Tier 2 emission standard
*3	According to equipment
*4	Earth supply via housing

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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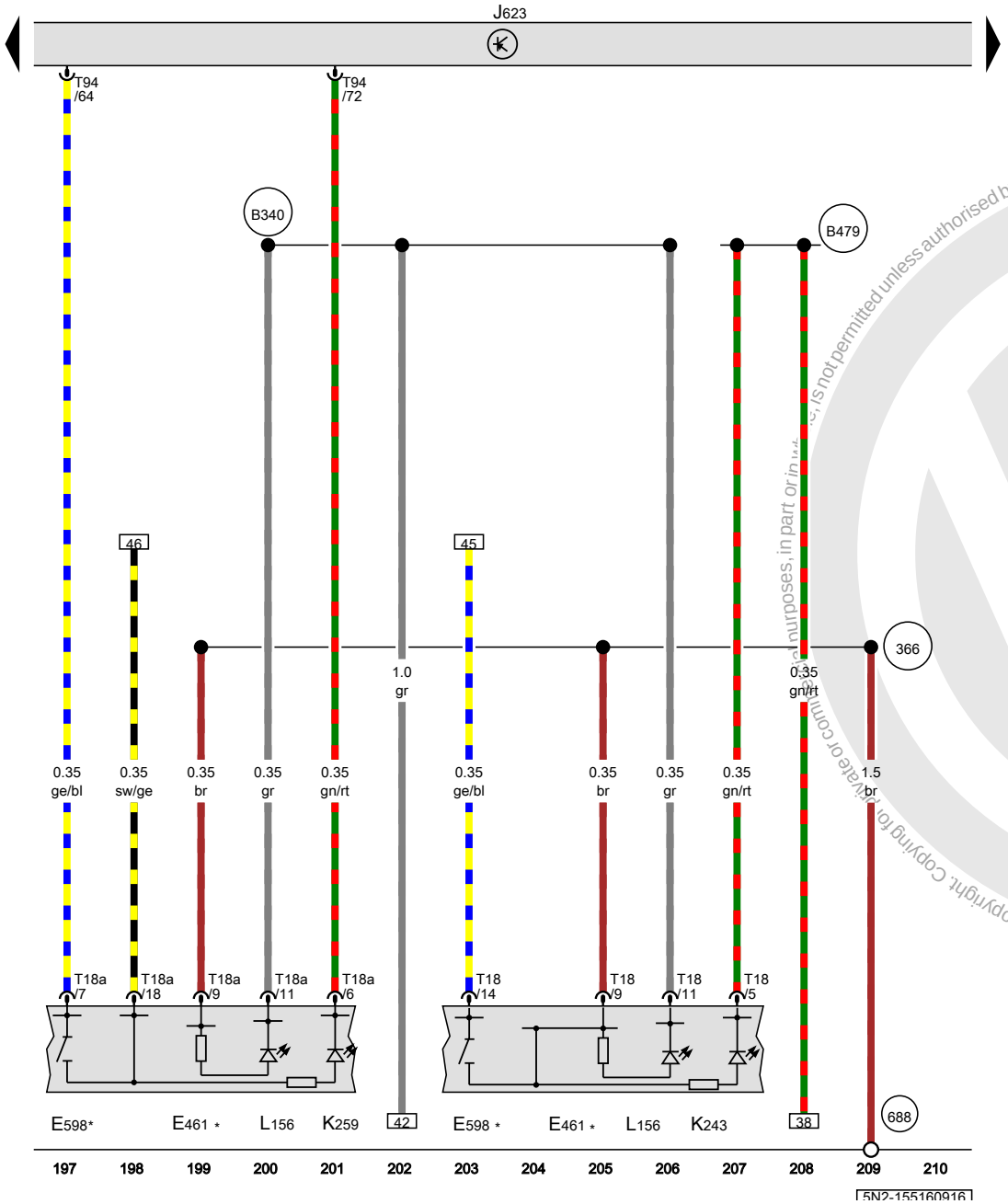


Brake light switch, Accelerator position sender, Accelerator position sender 2, Clutch position sender, Engine control unit

F	Brake light switch
G79	Accelerator position sender
G185	Accelerator position sender 2
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T4bc	4-pin connector
T5m	5-pin connector
T6h	6-pin connector
T30p	30-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B131	Connection (54), in interior wiring harness
*	Only models with manual gearbox
*2	Up to November 2011
*3	Only for American markets
*4	From November 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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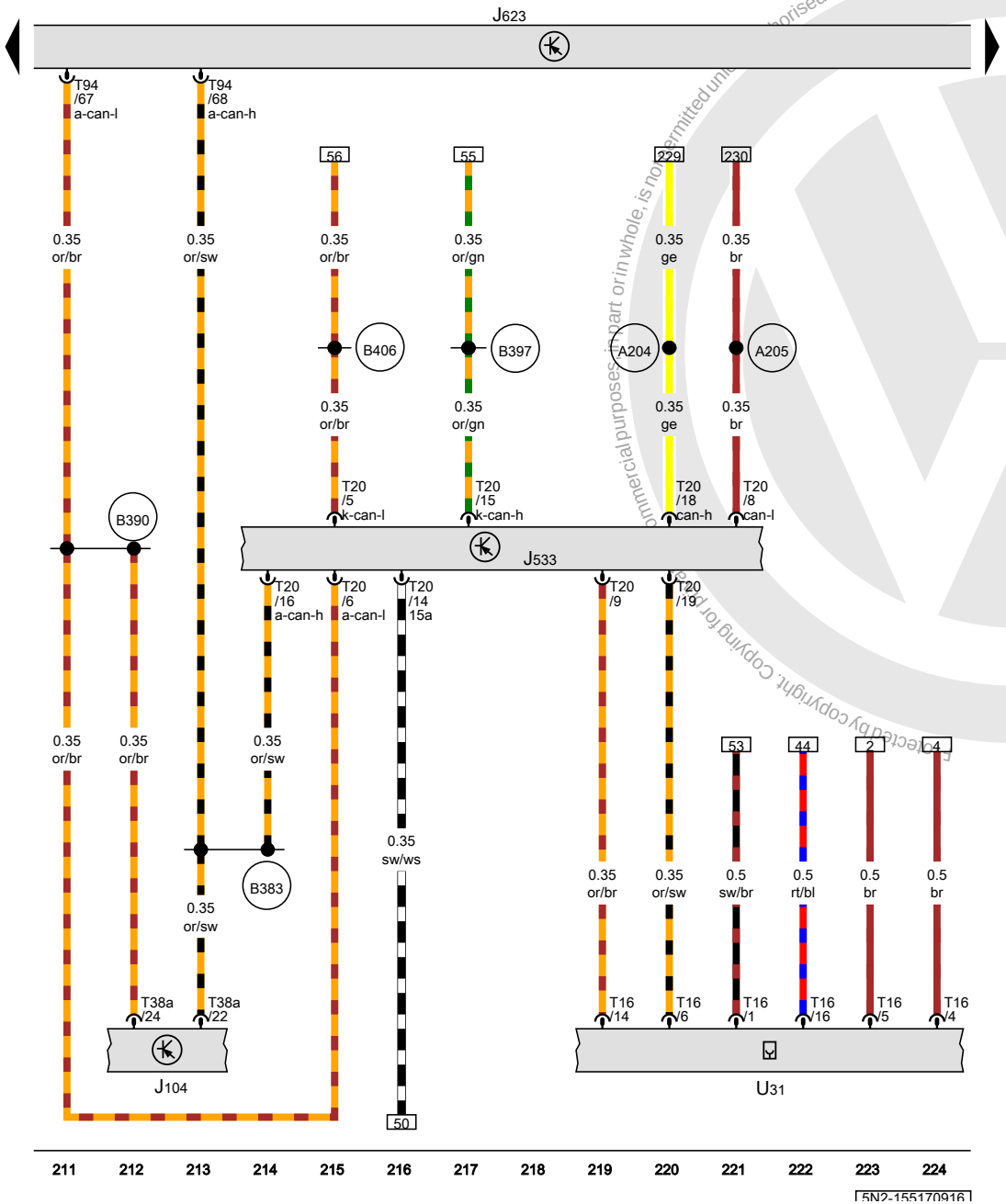


Operating unit in front of centre console, Driving program button, Engine control unit

E461	Operating unit in front of centre console
E598	Driving program button
J623	Engine control unit
K243	Driving program warning light
K259	Start/Stop operation warning lamp
L156	Switch illumination bulb
T18	18-pin connector
T18a	18-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
B479	Connection 15, in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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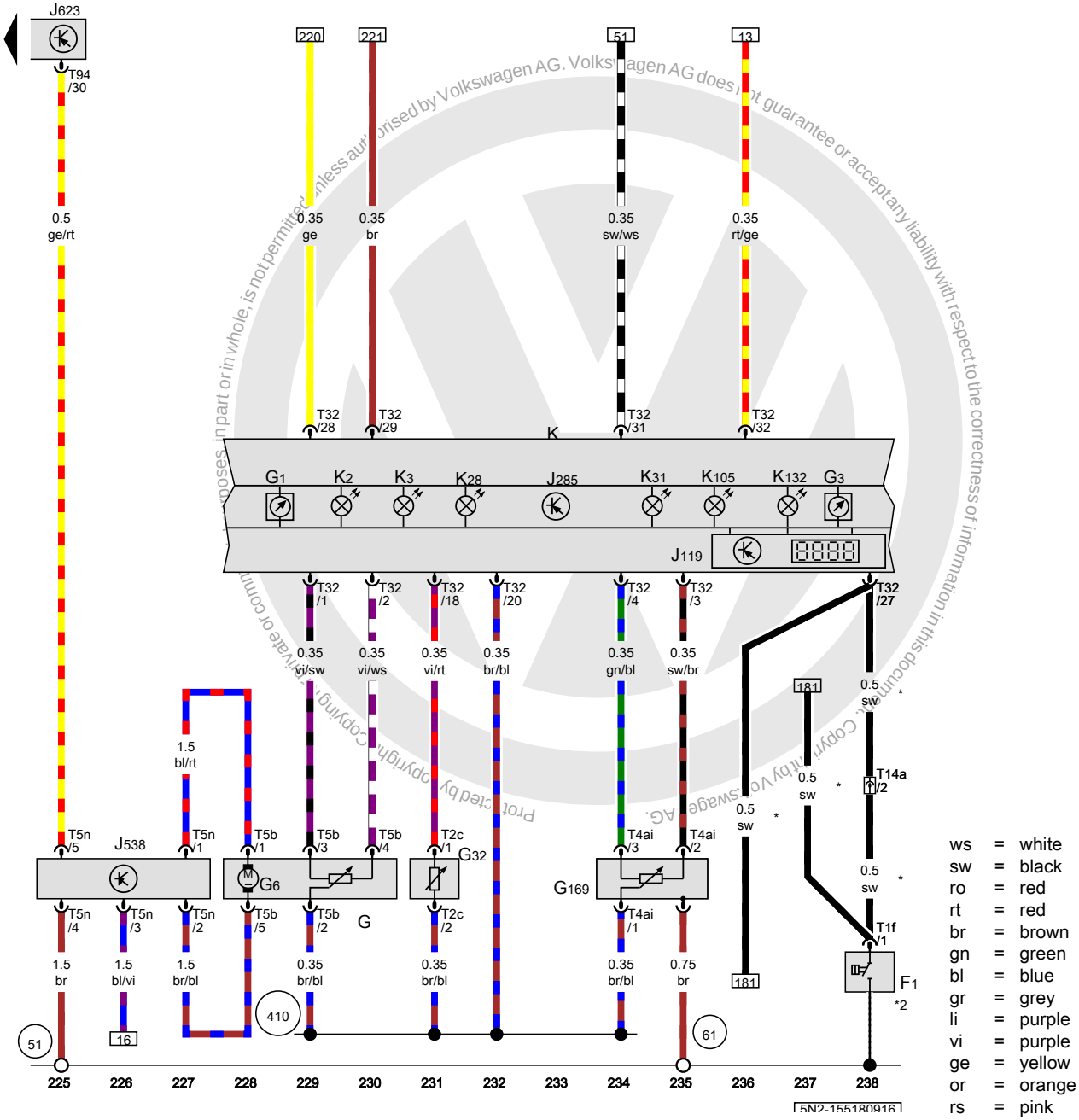


Data bus diagnostic interface, Engine control unit, Diagnostic connection

J104	ABS control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T16	16-pin connector
T20	20-pin connector
T38a	38-pin connector
T94	94-pin connector
U31	Diagnostic connection
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

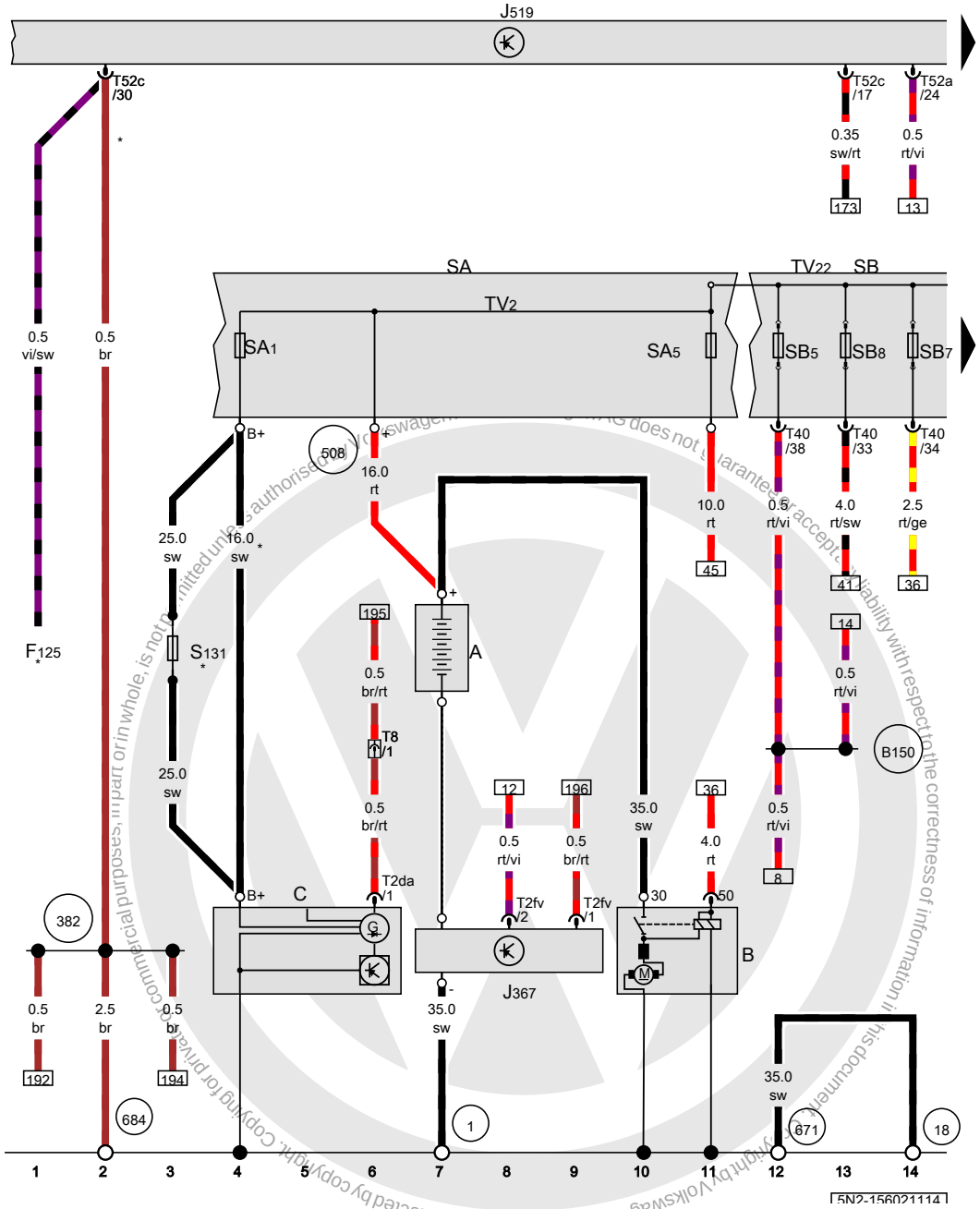
Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Engine control unit, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
J623	Engine control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
K132	Electronic power control fault lamp
T1f	1-pin connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
T94	94-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness
*	According to equipment
*2	Earth supply via housing

1.4l petrol engine with start/stop system , CAXA

From May 2011

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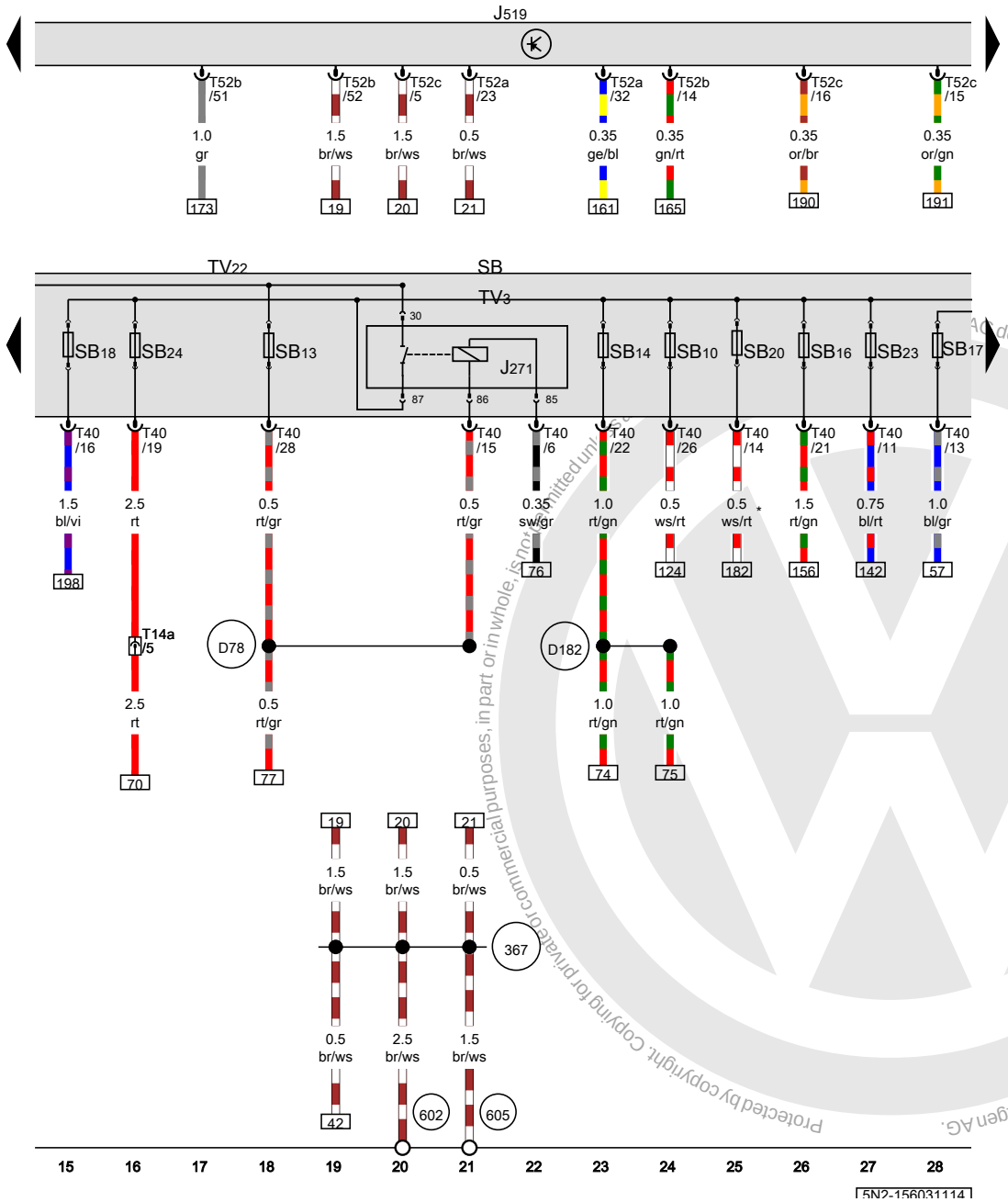


Battery, Starter, Alternator, Battery monitor control unit, Onboard supply control unit, Fuse holder A, Fuse holder B

A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J367	Battery monitor control unit
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB5	Fuse 5 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
S131	Fuse 1
T2da	2-pin connector
T2fv	2-pin connector
T8	8-pin connector
T40	40-pin connector
T52a	52-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
B150	Positive connection 2 (30a), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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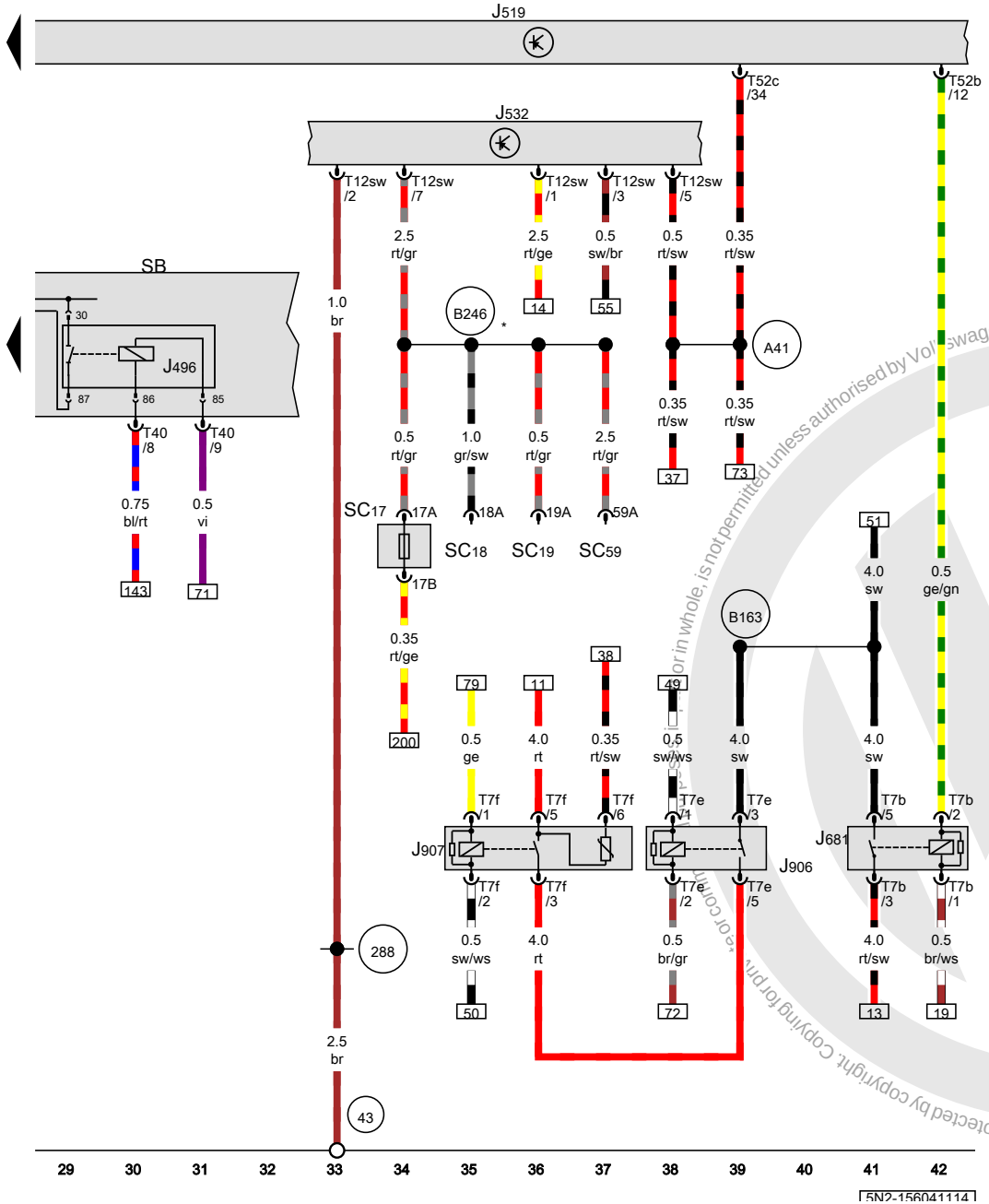


Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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rs	=	pink

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Additional coolant pump relay, Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2, Fuse holder B

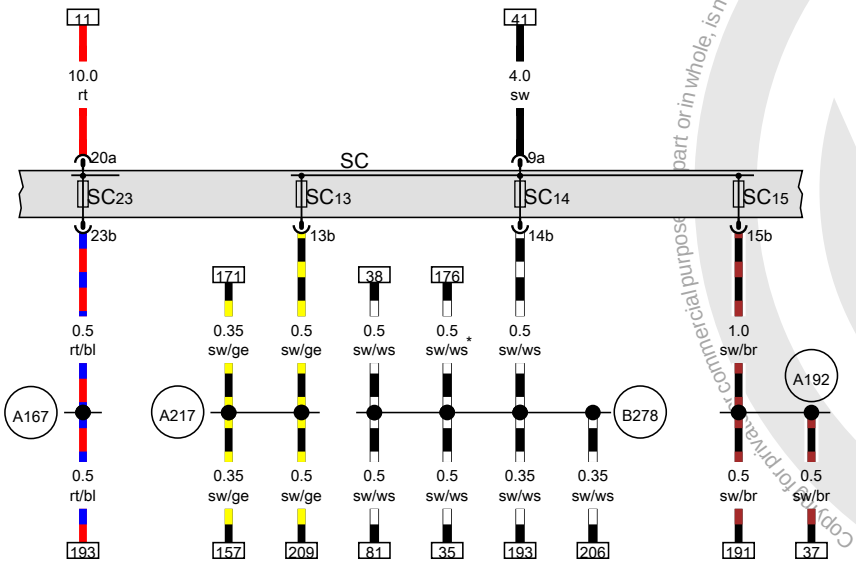
J496	Additional coolant pump relay
J519	Onboard supply control unit
J532	Voltage stabiliser
J681	Terminal 15 voltage supply relay 2
J906	Starter relay 1
J907	Starter relay 2
SB	Fuse holder B
SC17	Fuse 17 on fuse holder C
SC18	Fuse 18 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC59	Fuse 59 on fuse holder C
T7b	7-pin connector
T7e	7-pin connector
T7f	7-pin connector
T12sw	12-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
A41	Positive connection (50), in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B246	Positive connection (30a, stabilised), in interior wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Fuse holder C

SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Up to November 2011



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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rs	=	pink

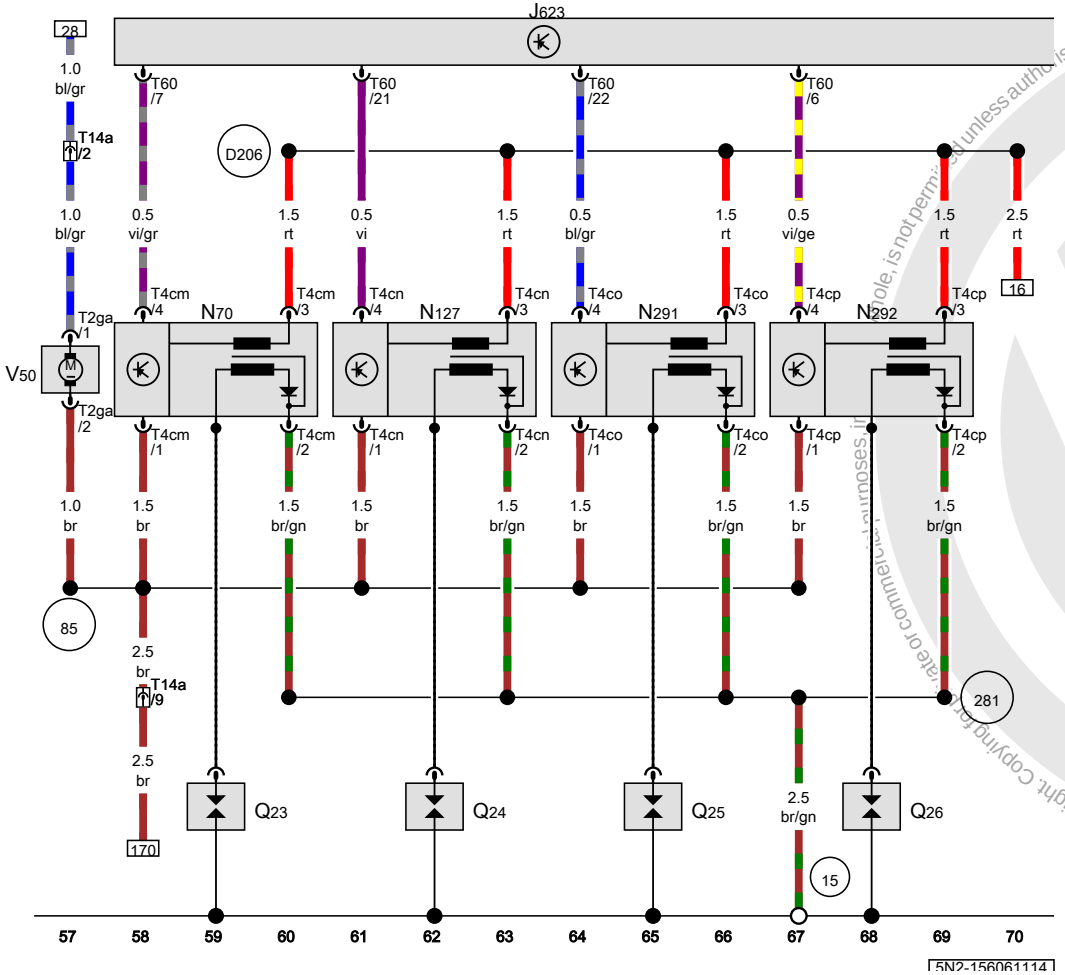
43 44 45 46 47 48 49 50 51 52 53 54 55 56

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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Coolant circulation pump

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T2ga	2-pin connector
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
V50	Coolant circulation pump
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness

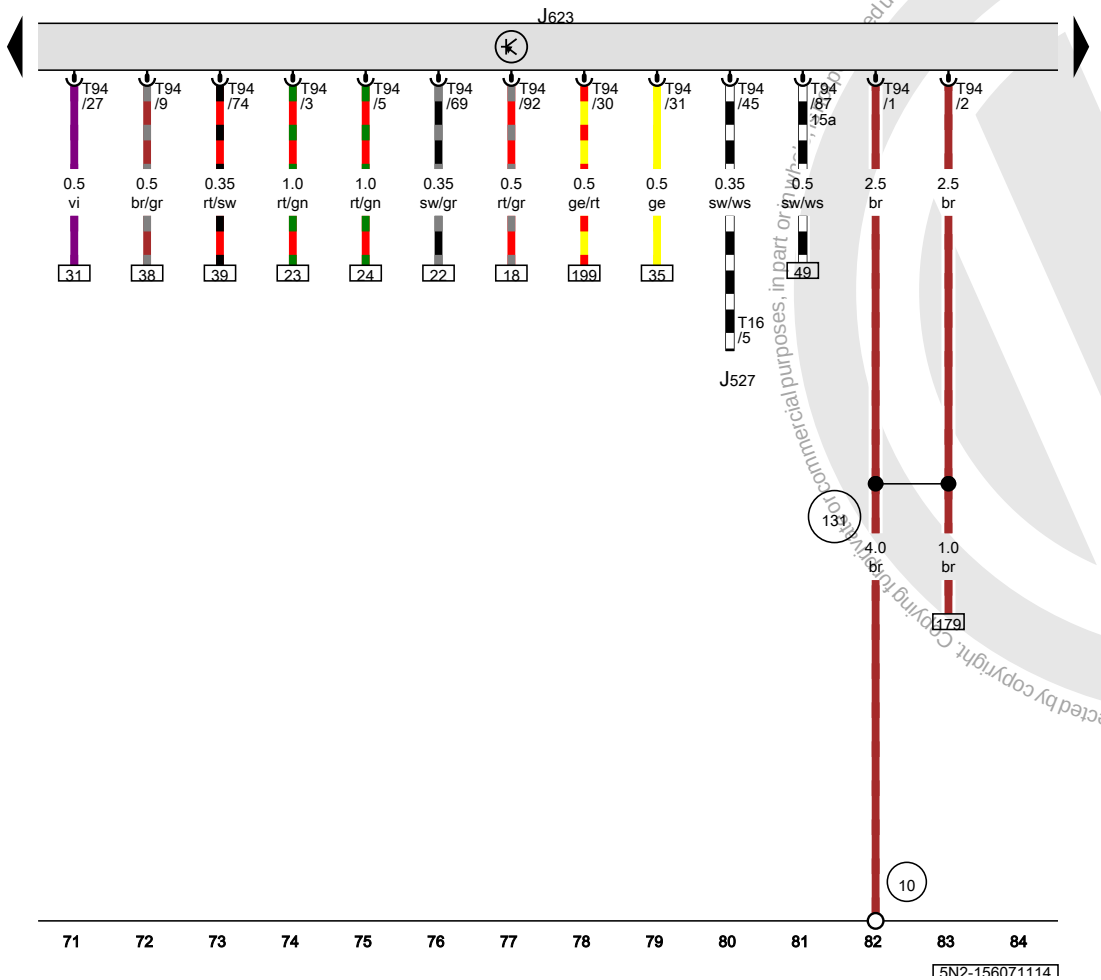


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Engine control unit

J527	Steering column electronics control unit
J623	Engine control unit
T16	16-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness

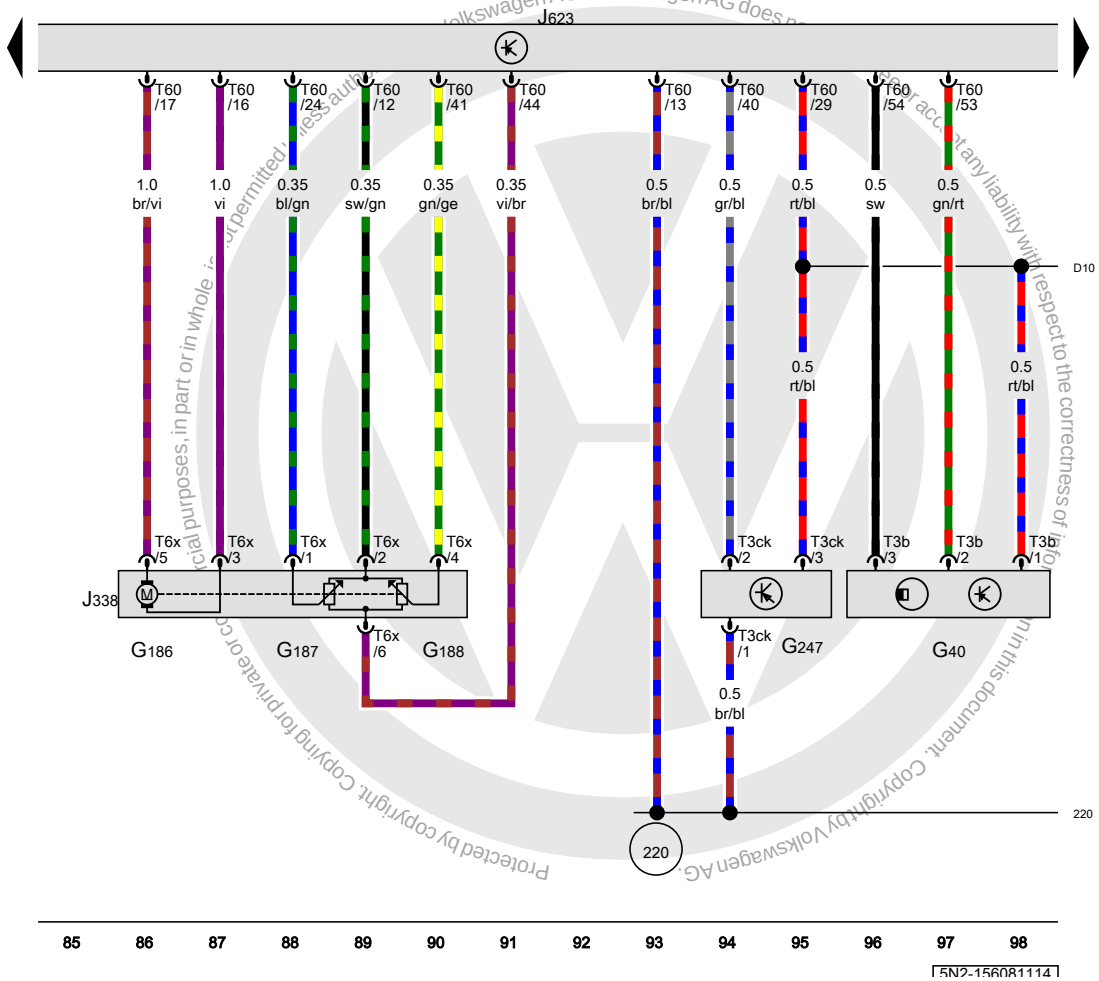


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Fuel pressure sender, Throttle valve module, Engine control unit

G40	Hall sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine control unit
T3b	3-pin connector
T3ck	3-pin connector
T6x	6-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

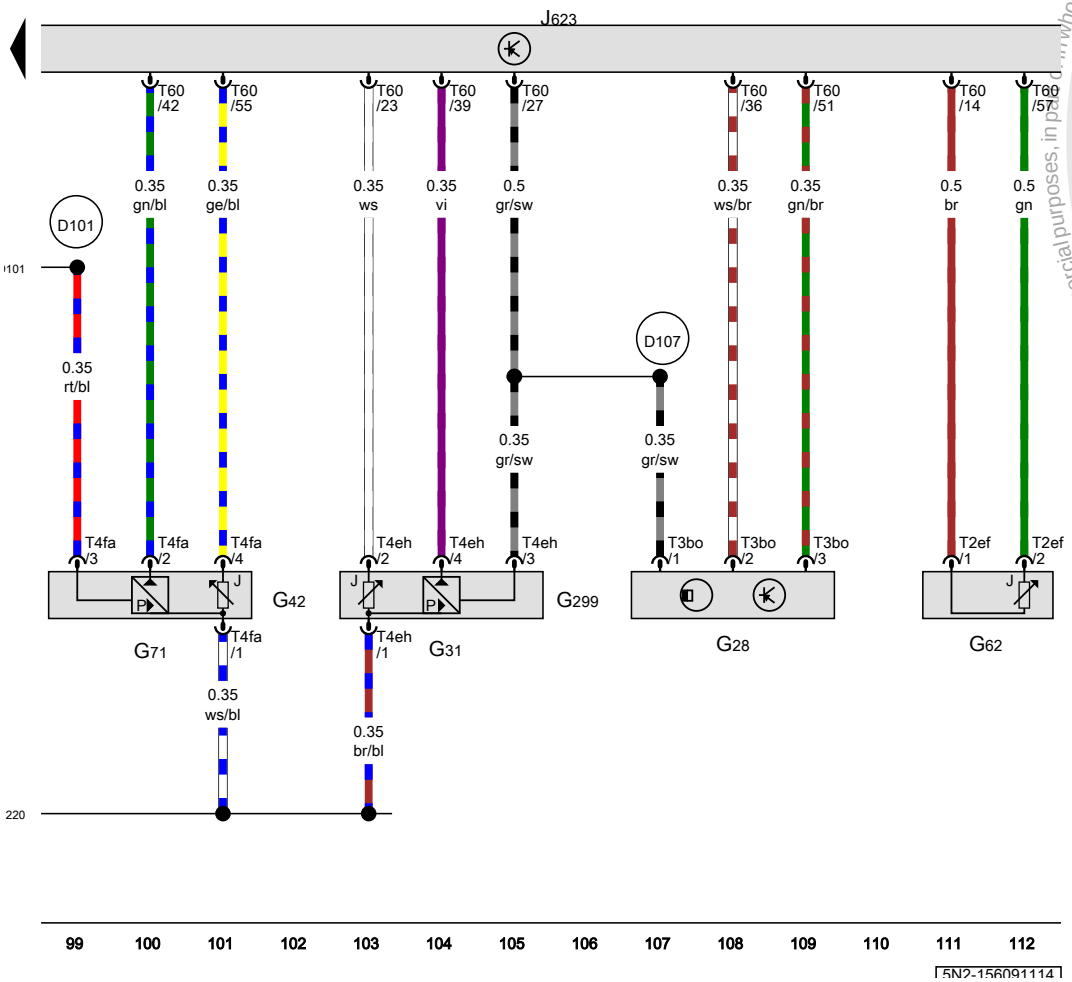


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Engine speed sender, Charge pressure sender, Coolant temperature sender, Intake manifold pressure sender, Engine control unit

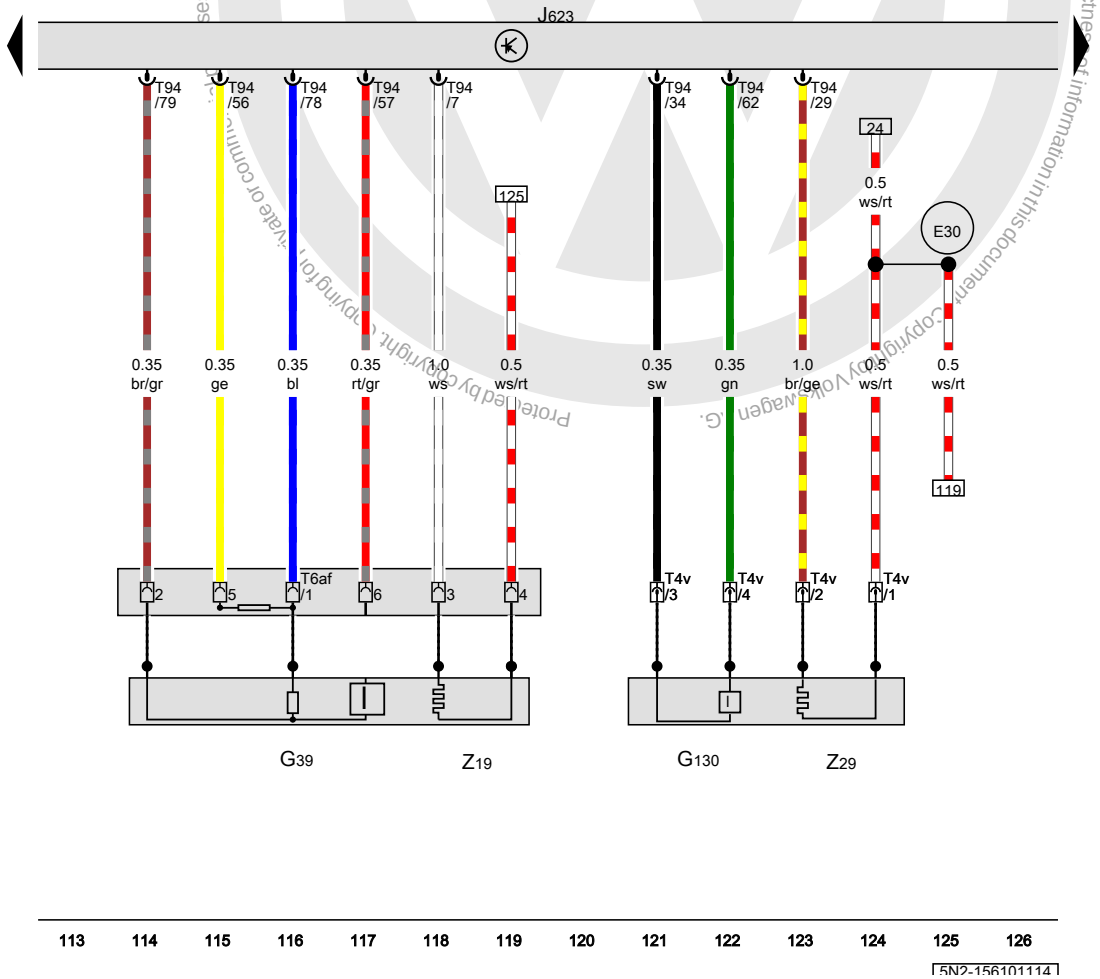
G28	Engine speed sender
G31	Charge pressure sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G71	Intake manifold pressure sender
G299	Intake air temperature sender 2
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T4eh	4-pin connector
T4fa	4-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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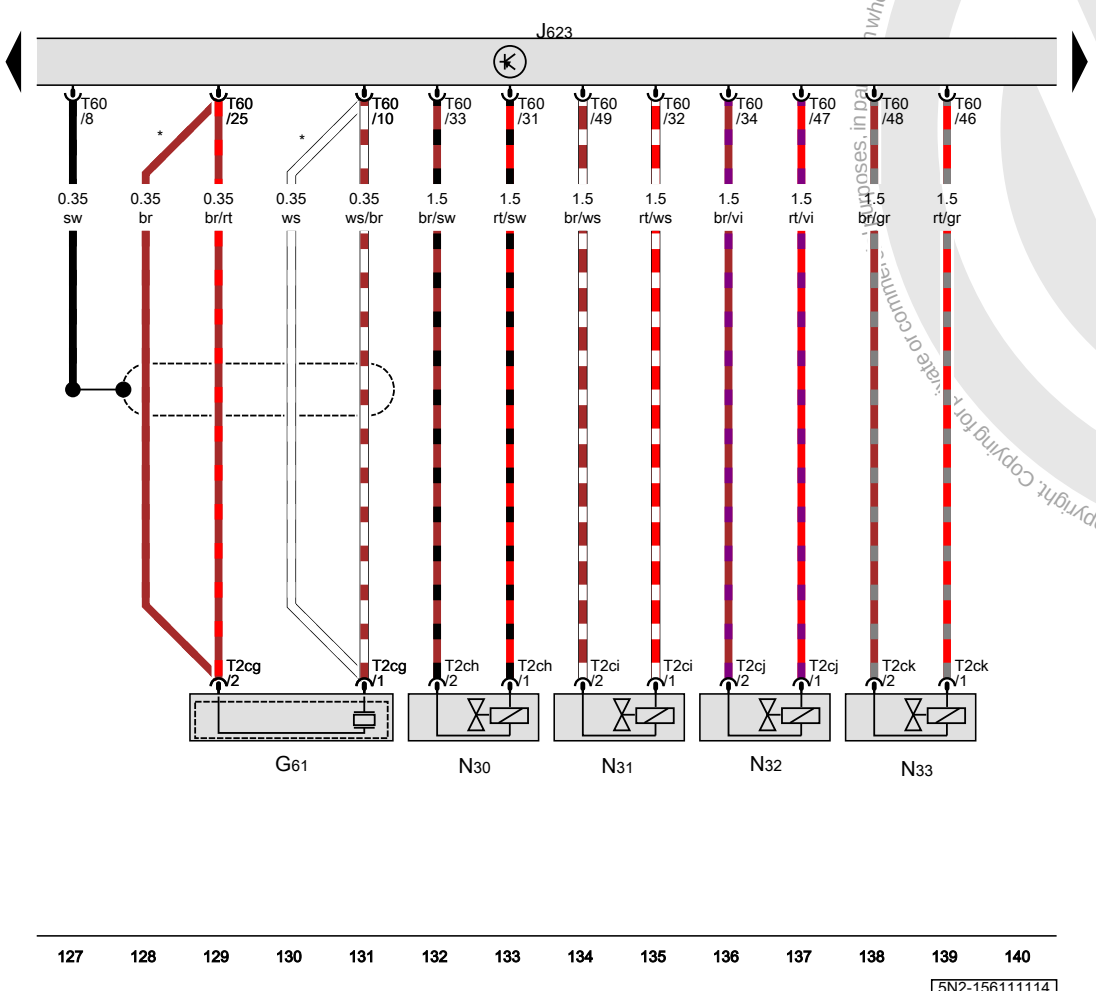
Lambda probe, Lambda probe after catalytic converter, Engine control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4v	4-pin connector
T6af	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
E30	Connection (87a), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Knock sensor 1, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

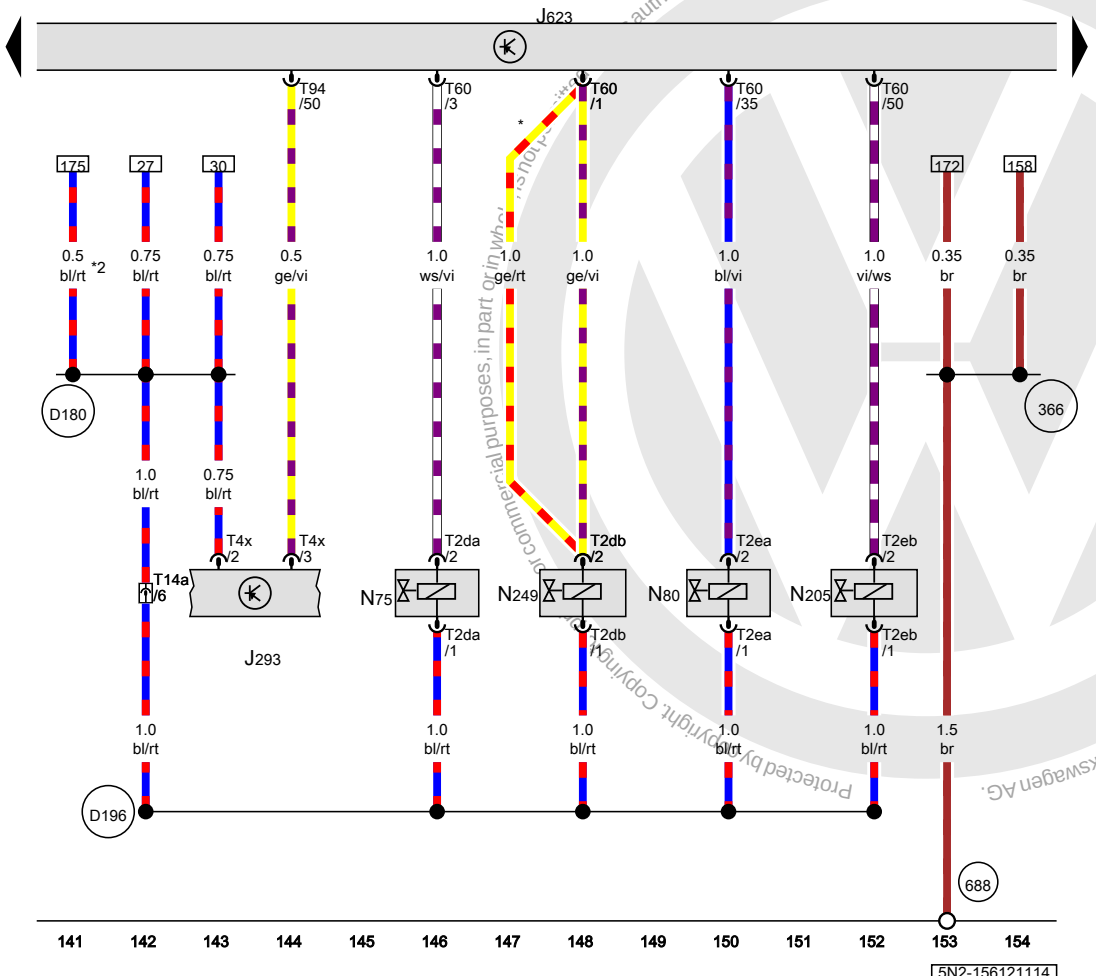
G61	Knock sensor 1
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2cg	2-pin connector
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T60	60-pin connector
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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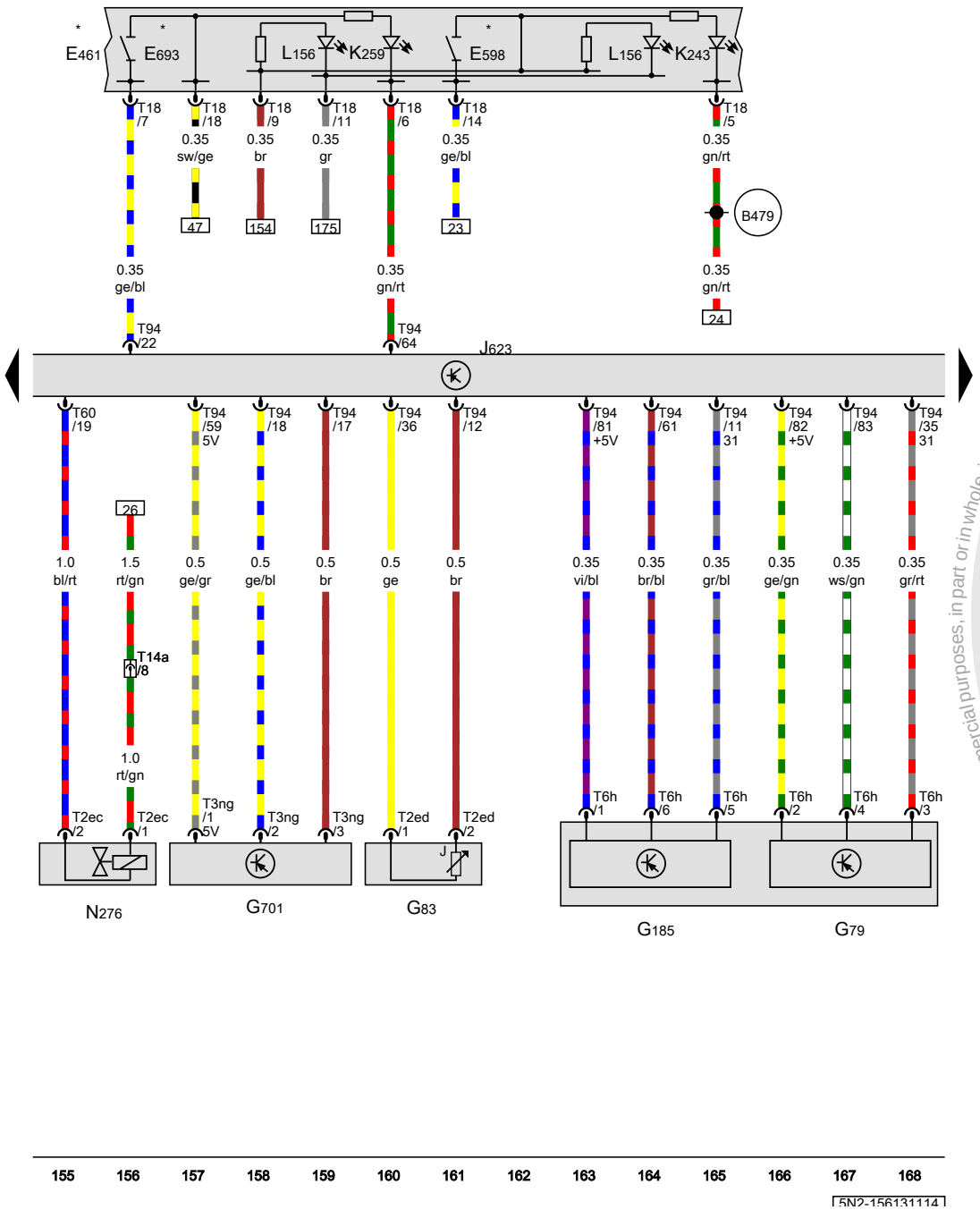
Radiator fan control unit, Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

J293	Radiator fan control unit
J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
T2da	2-pin connector
T2db	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T4x	4-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	According to equipment
*2	From November 2011

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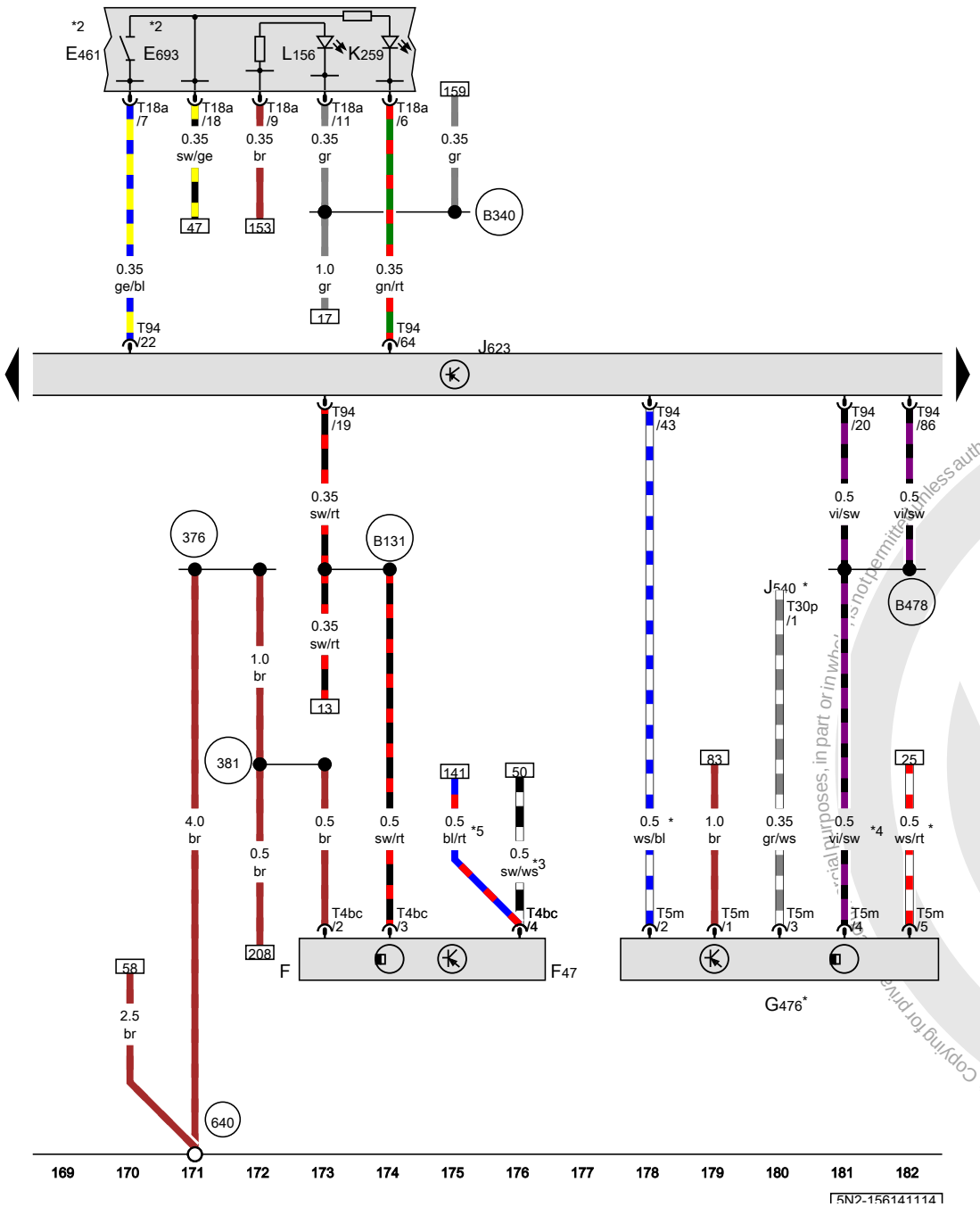


Operating unit in front of centre console, Driving program button, Start/Stop operation button, Accelerator position sender, Radiator outlet coolant temperature sender, Accelerator position sender 2, Engine control unit, Fuel pressure regulating valve

E461	Operating unit in front of centre console
E598	Driving program button
E693	Start/Stop operation button
G79	Accelerator position sender
G83	Radiator outlet coolant temperature sender
G185	Accelerator position sender 2
G701	Gearbox neutral position sender
J623	Engine control unit
K243	Driving program warning light
K259	Start/Stop operation warning lamp
L156	Switch illumination bulb
N276	Fuel pressure regulating valve
T2ec	2-pin connector
T2ed	2-pin connector
T3ng	3-pin connector
T6h	6-pin connector
T14a	14-pin connector
T18	18-pin connector
T60	60-pin connector
T94	94-pin connector
B479	Connection 15, in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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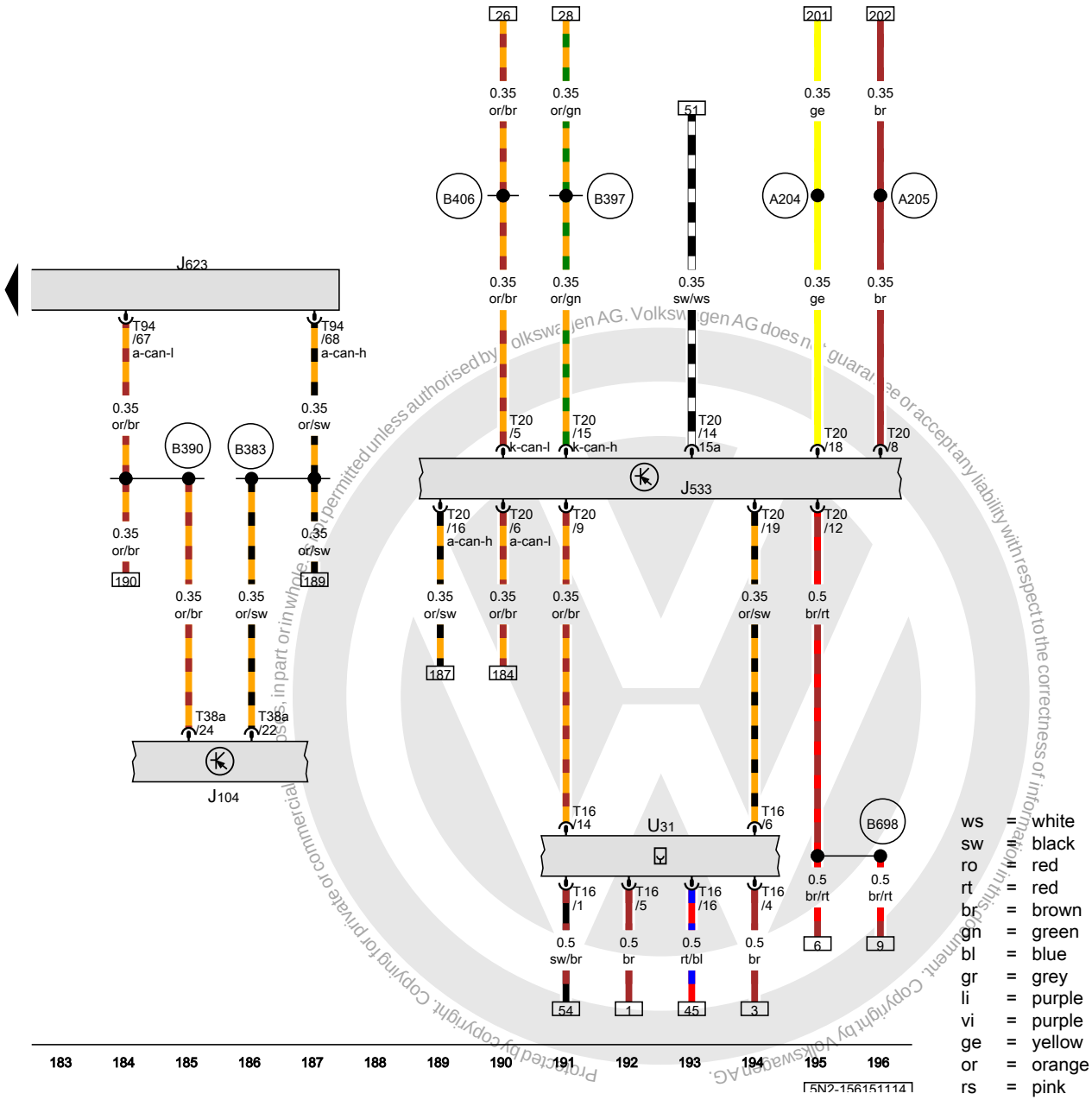


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Operating unit in front of centre console, Start/Stop operation button, Brake light switch, Clutch position sender, Engine control unit

E461	Operating unit in front of centre console
E693	Start/Stop operation button
F	Brake light switch
F47	Brake pedal switch
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
K259	Start/Stop operation warning lamp
L156	Switch illumination bulb
T4bc	4-pin connector
T5m	5-pin connector
T18a	18-pin connector
T30p	30-pin connector
T94	94-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B131	Connection (54), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
B478	Connection 14, in main wiring harness
*	Only models with manual gearbox
*2	According to equipment
*3	Up to November 2011
*4	Only models with stop/start system
*5	From November 2011

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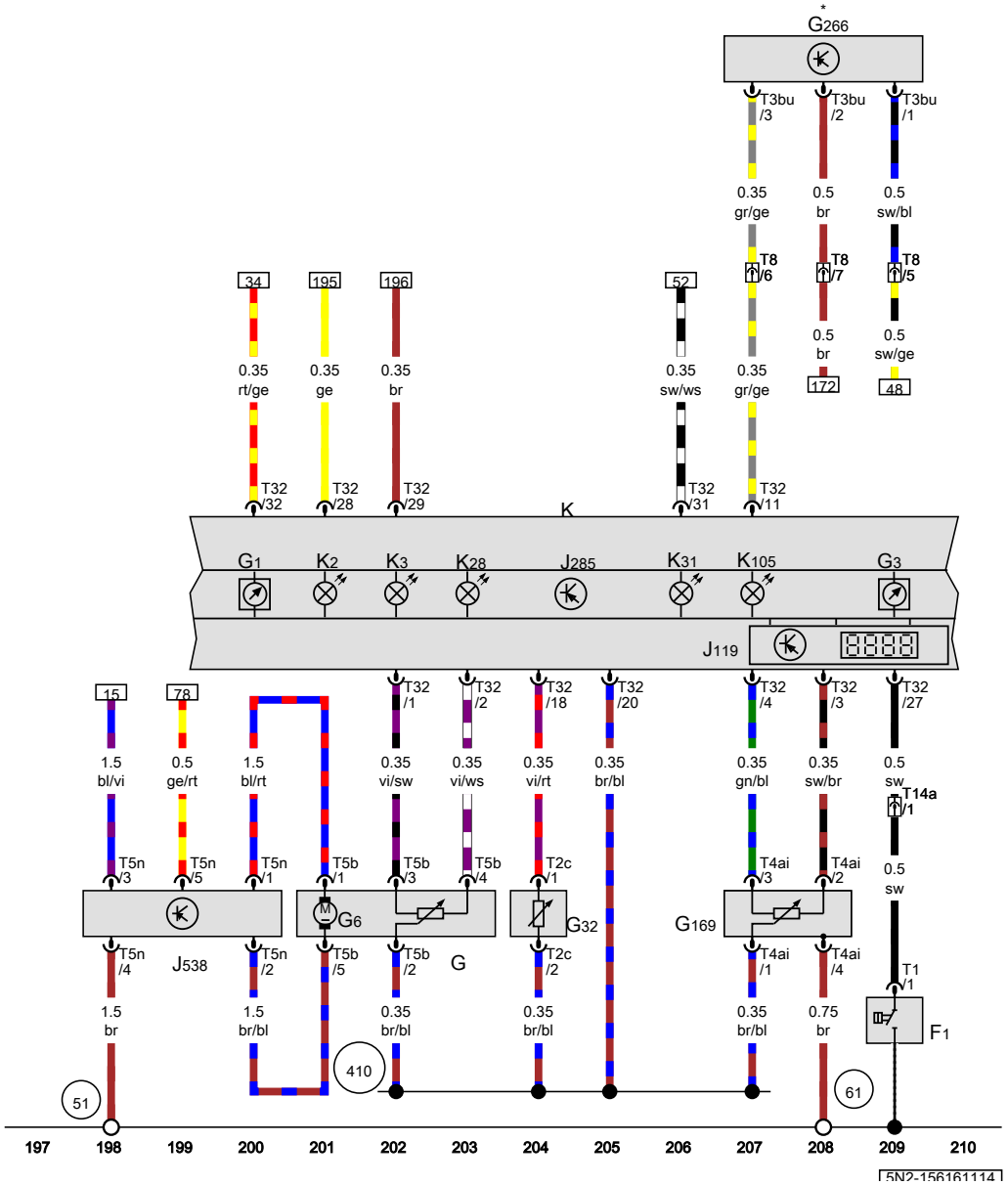
ws = white
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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Data bus diagnostic interface, Engine control unit, Diagnostic connection

J104	ABS control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T16	16-pin connector
T20	20-pin connector
T38a	38-pin connector
T94	94-pin connector
U31	Diagnostic connection
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness

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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Oil level and oil temperature sender, Dash panel insert



F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
G266	Oil level and oil temperature sender
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T1	Single connector
T2c	2-pin connector
T3bu	3-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T8	8-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness
*	According to equipment

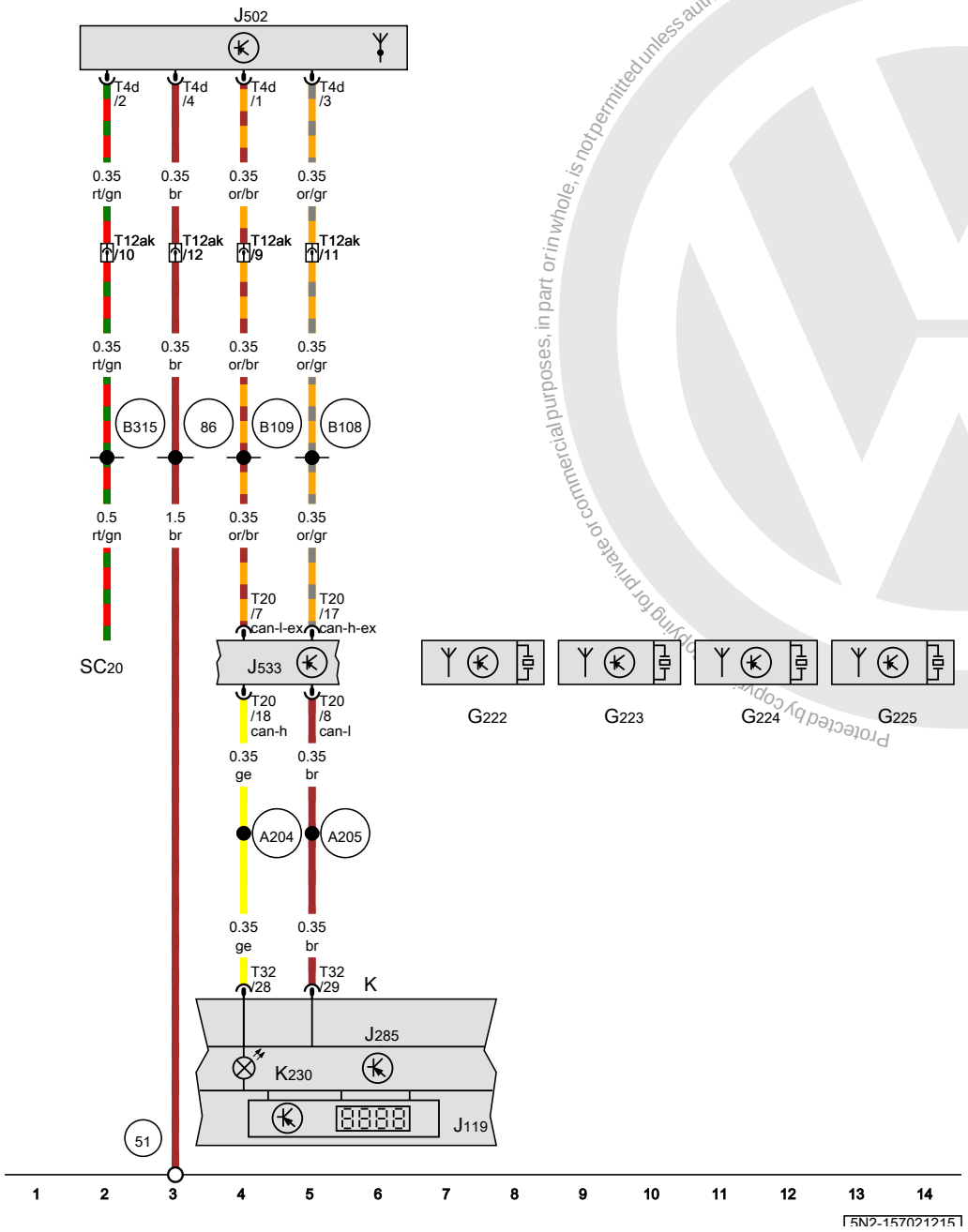
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Tyre Pressure Monitoring System , (7K1),(7K3)

From May 2011

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Front left tyre pressure sensor, Front right tyre pressure sensor, Rear left tyre pressure sensor, Rear right tyre pressure sensor, Control unit in dash panel insert, Tyre Pressure Monitoring System control unit, Data bus diagnostic interface, Dash panel insert

G222	Front left tyre pressure sensor
G223	Front right tyre pressure sensor
G224	Rear left tyre pressure sensor
G225	Rear right tyre pressure sensor
J119	Multifunction indicator
J285	Control unit in dash panel insert
J502	Tyre Pressure Monitoring System control unit, in rear bumper
J533	Data bus diagnostic interface
K	Dash panel insert
K230	Tyre Pressure Monitoring System warning lamp
SC20	Fuse 20 on fuse holder C
T4d	4-pin connector
T12ak	12-pin connector
T20	20-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness

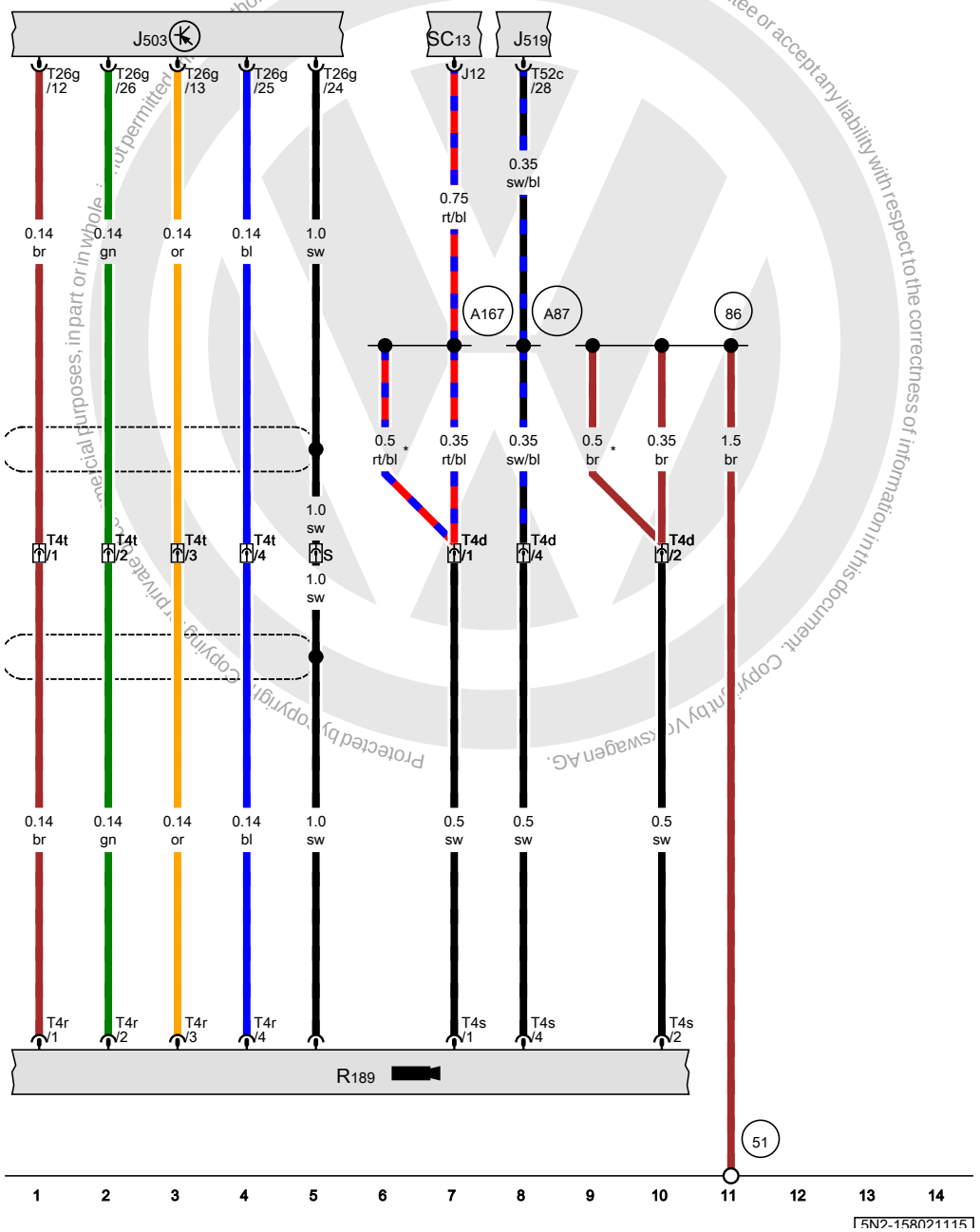
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gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Reversing camera (Rear Assist) , (KA1)

From November 2011

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Control unit with display for radio and navigation, Reversing camera

J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R189	Reversing camera
SC13	Fuse 13 on fuse holder C
T4	4-pin connector
T4d	4-pin connector
T4r	4-pin connector
T4s	4-pin connector
T4t	4-pin connector
T26g	26-pin connector
T52c	52-pin connector
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
A87	Connection (RL), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
*	From May 2013

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

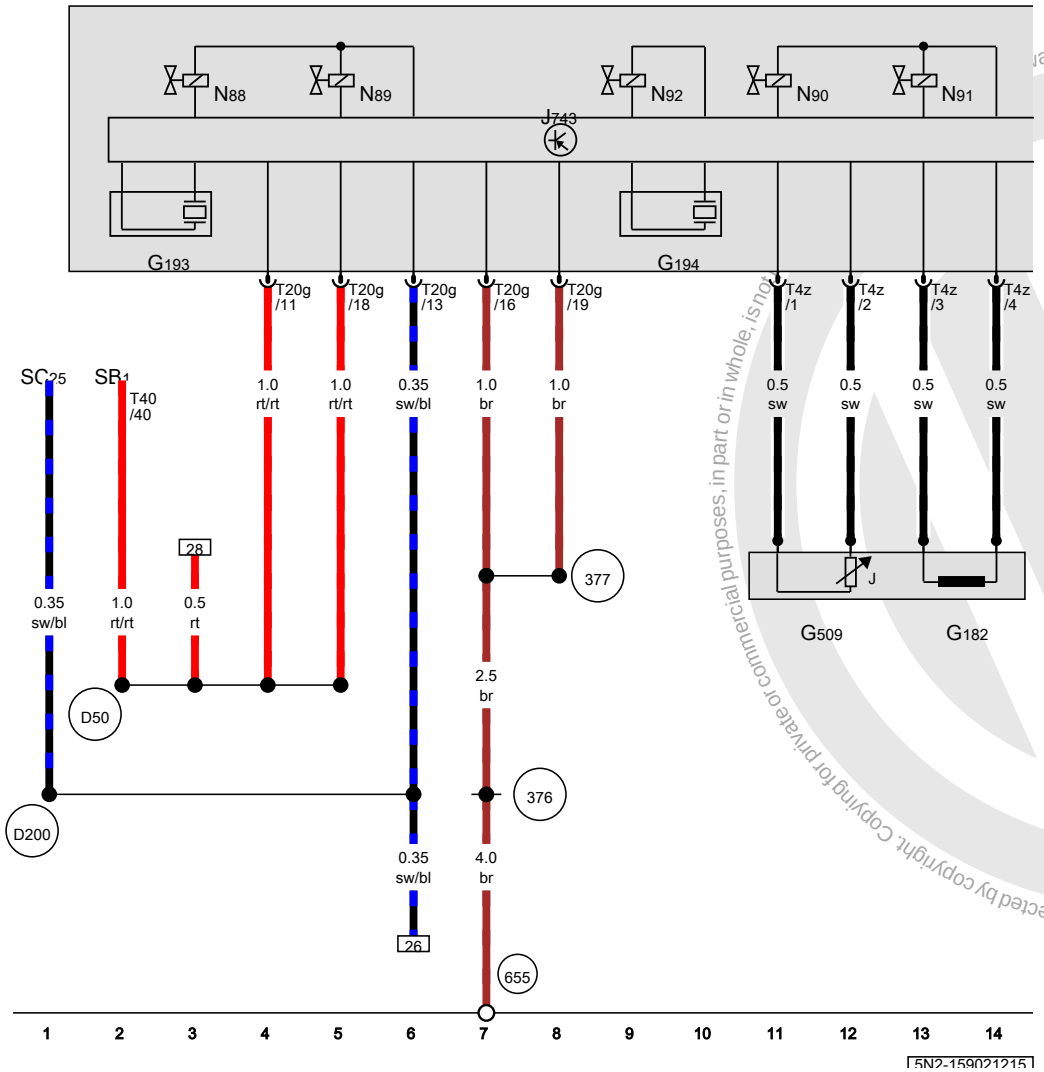
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Dual clutch gearbox (DSG) , (0ES)

From May 2012

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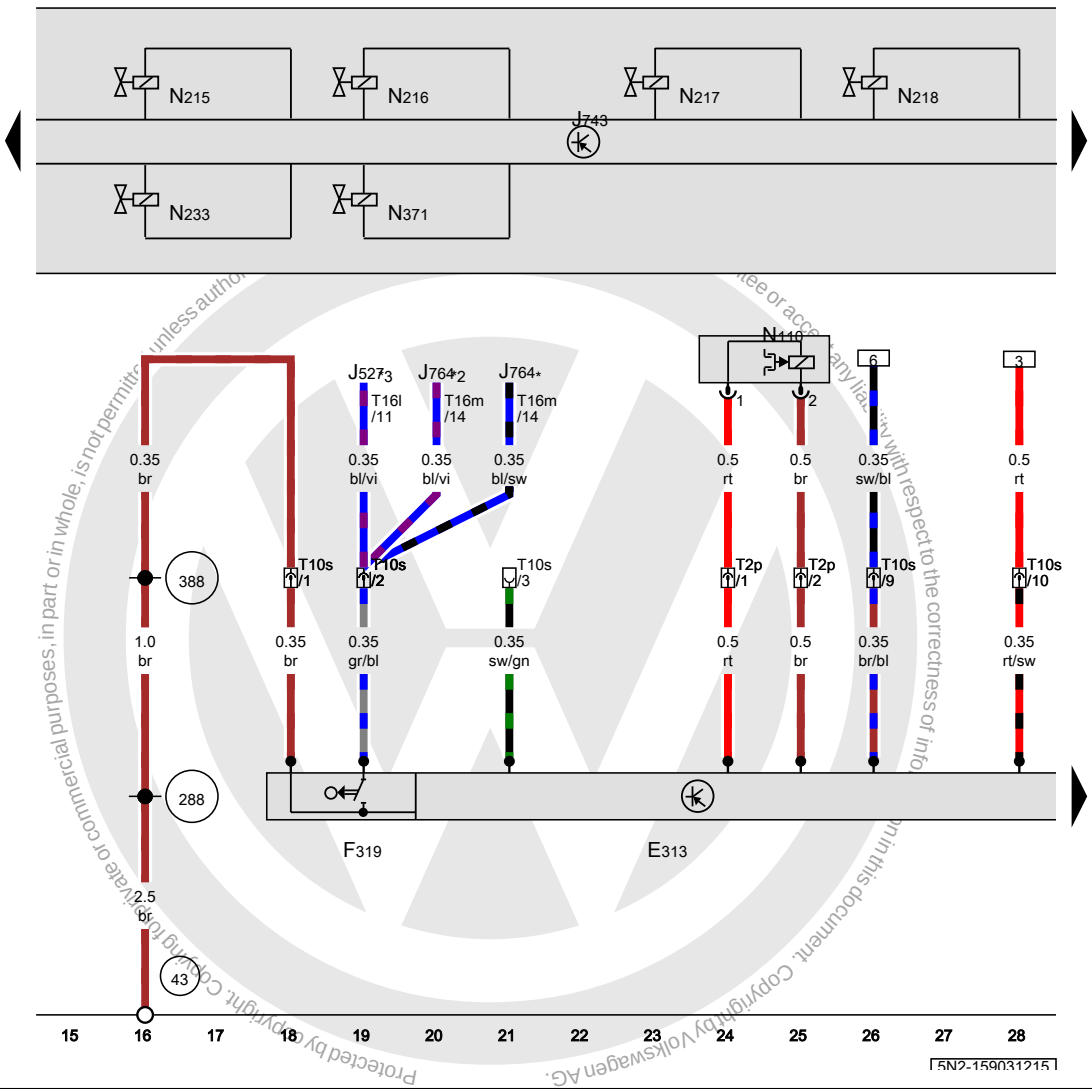
Gearbox input speed sender, Automatic gearbox hydraulic pressure sender 1, Automatic gearbox hydraulic pressure sender 2, Clutch temperature sender, Mechatronic unit for dual clutch gearbox, Solenoid valve 1, Solenoid valve 2, Solenoid valve 4, Solenoid valve 5



G182	Gearbox input speed sender
G193	Automatic gearbox hydraulic pressure sender 1
G194	Automatic gearbox hydraulic pressure sender 2
G509	Clutch temperature sender
J743	Mechatronic unit for dual clutch gearbox, in gearbox
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
SB1	Fuse 1 on fuse holder B
SC25	Fuse 25 on fuse holder C
T4z	4-pin connector
T20g	20-pin connector
T40	40-pin connector
376	Earth connection 11, in main wiring harness
377	Earth connection 12, in main wiring harness
655	Earth point, on left headlight
D50	Positive connection (30), in engine compartment wiring harness
D200	Positive connection 3 (15a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
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li = purple
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ge = yellow
or = orange
rs = pink

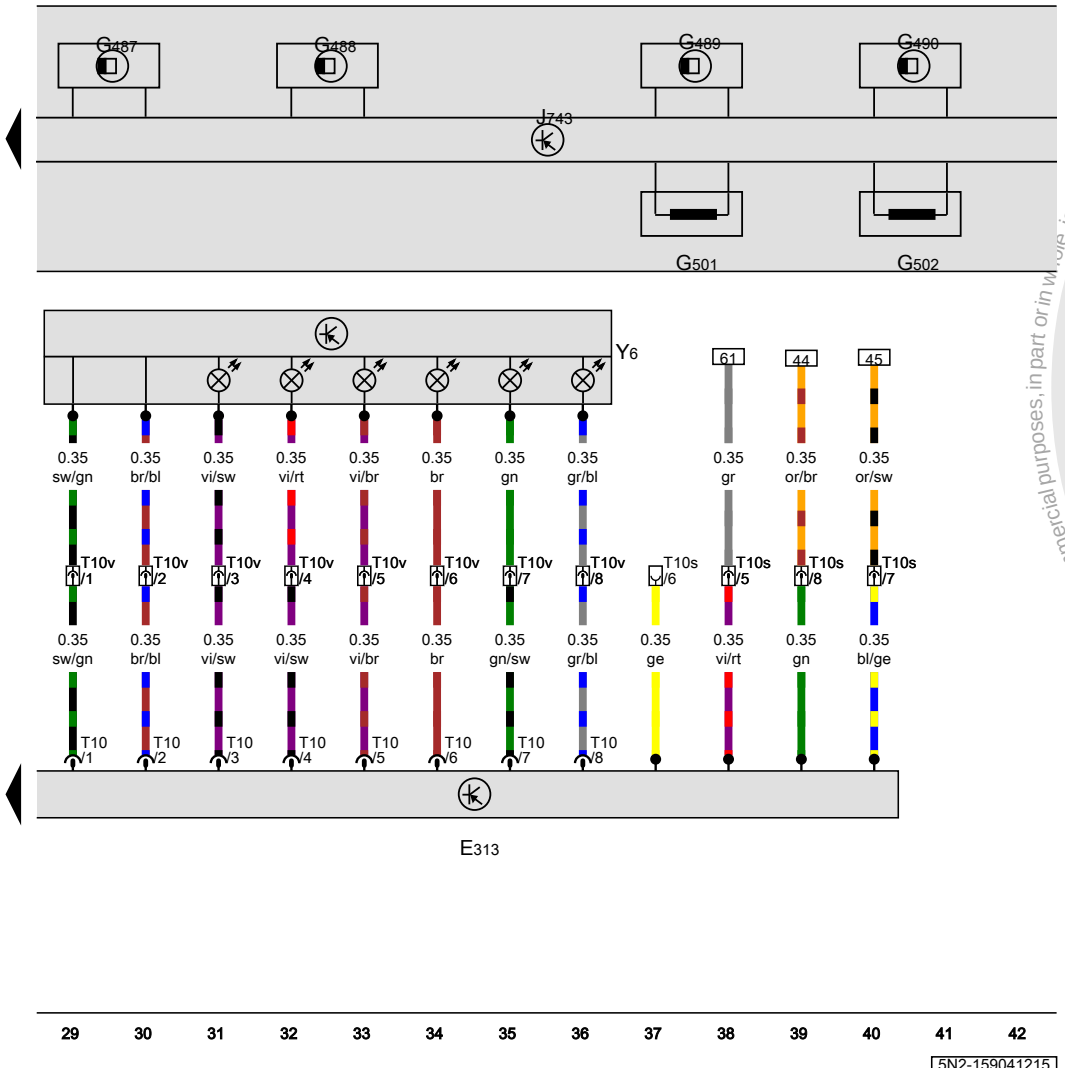
Selector lever, Selector lever locked in position P switch, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Automatic gearbox pressure regulating valve 1, Automatic gearbox pressure regulating valve 2, Automatic gearbox pressure regulating valve 3, Automatic gearbox pressure regulating valve 4, Automatic gearbox pressure regulating valve 5, Automatic gearbox pressure regulating valve 6

E313	Selector lever
F319	Selector lever locked in position P switch
J527	Steering column electronics control unit
J743	Mechatronic unit for dual clutch gearbox, in gearbox
J764	Control unit for electronic steering column lock
N110	Selector lever lock solenoid
N215	Automatic gearbox pressure regulating valve 1
N216	Automatic gearbox pressure regulating valve 2
N217	Automatic gearbox pressure regulating valve 3
N218	Automatic gearbox pressure regulating valve 4
N233	Automatic gearbox pressure regulating valve 5
N371	Automatic gearbox pressure regulating valve 6
T2p	2-pin connector, under selector lever
T10s	10-pin connector, under selector lever
T16l	16-pin connector
T16m	16-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 23, in main wiring harness
*	From November 2012
*2	Only models with entry and start authorisation
*3	Only models with no entry and start authorisation

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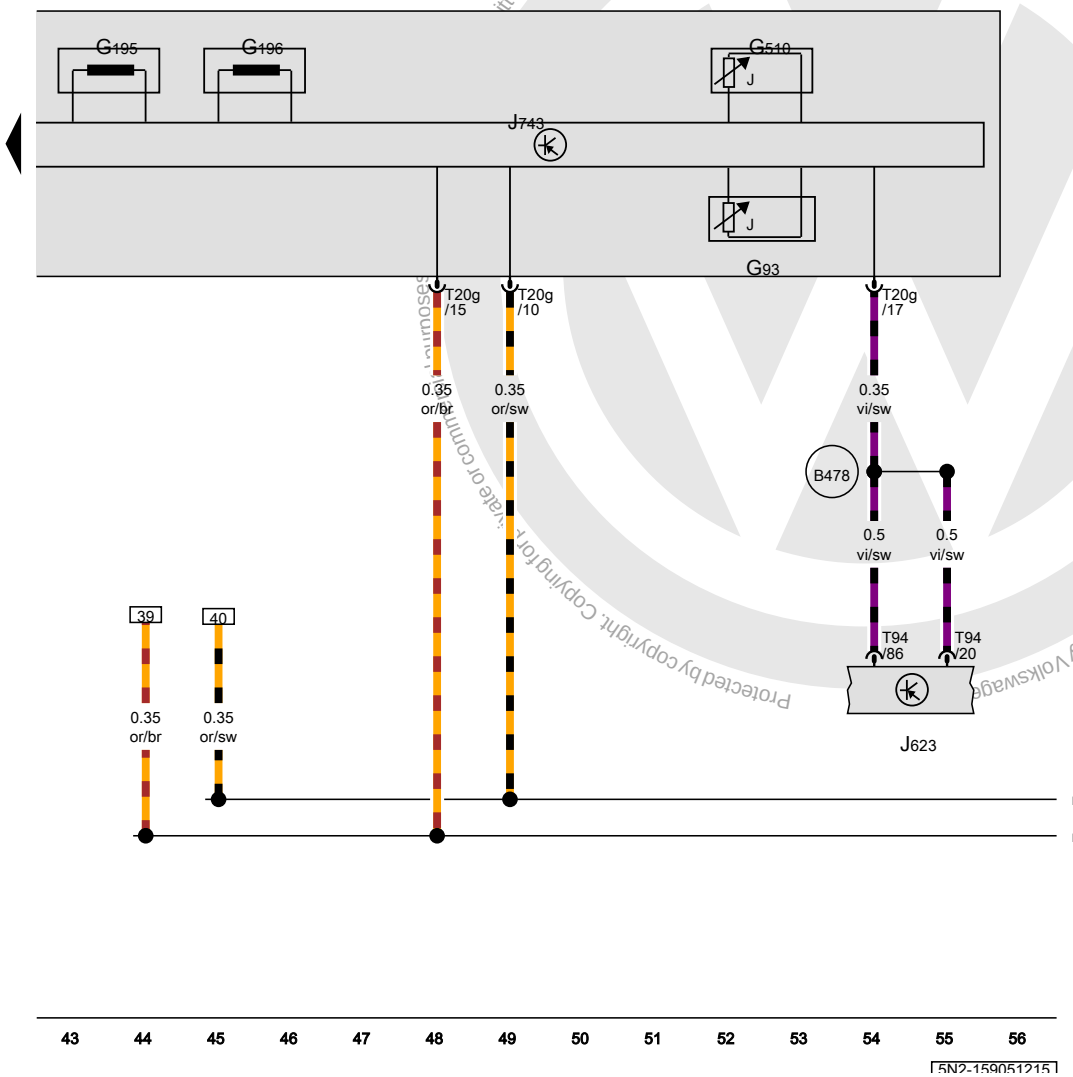
Selector lever, Gear selector movement sensor 1, Gear selector movement sensor 2, Gear selector movement sensor 3, Gear selector movement sensor 4, Input shaft speed sender 1, Input shaft speed sender 2, Mechatronic unit for dual clutch gearbox, Selector lever position display

E313	Selector lever
G487	Gear selector movement sensor 1
G488	Gear selector movement sensor 2
G489	Gear selector movement sensor 3
G490	Gear selector movement sensor 4
G501	Input shaft speed sender 1
G502	Input shaft speed sender 2
J743	Mechatronic unit for dual clutch gearbox, in gearbox
T10	10-pin connector
T10s	10-pin connector, under selector lever
T10v	10-pin connector, under selector lever
Y6	Selector lever position display



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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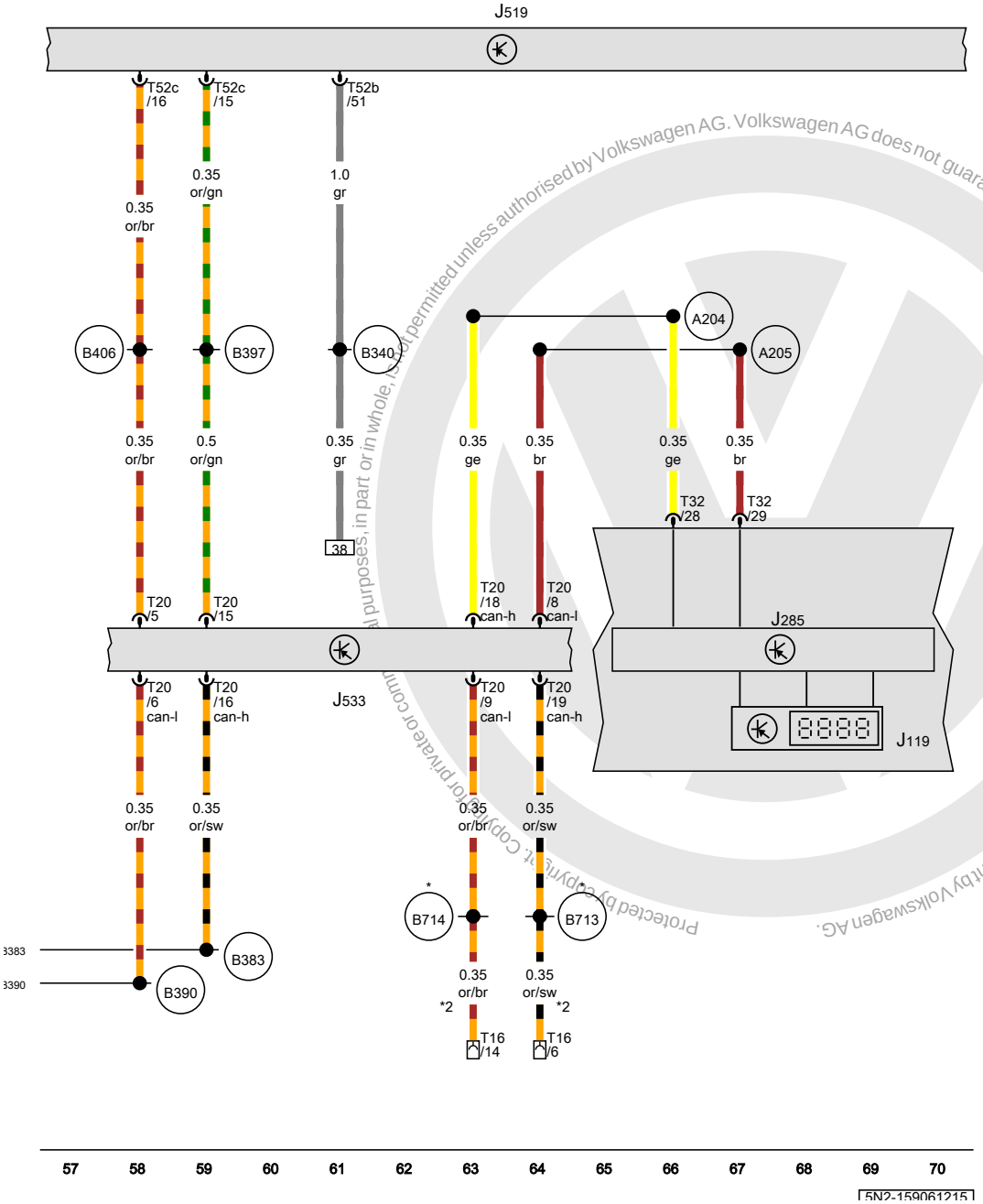


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Gearbox oil temperature sender, Gearbox output speed sender, Gearbox output speed sender 2, Temperature sender in control unit, Mechatronic unit for dual clutch gearbox

G93	Gearbox oil temperature sender
G195	Gearbox output speed sender
G196	Gearbox output speed sender 2
G510	Temperature sender in control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox, in gearbox
T20g	20-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B478	Connection 14, in main wiring harness

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rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Multifunction indicator, Control unit in dash panel insert, Data bus diagnostic interface

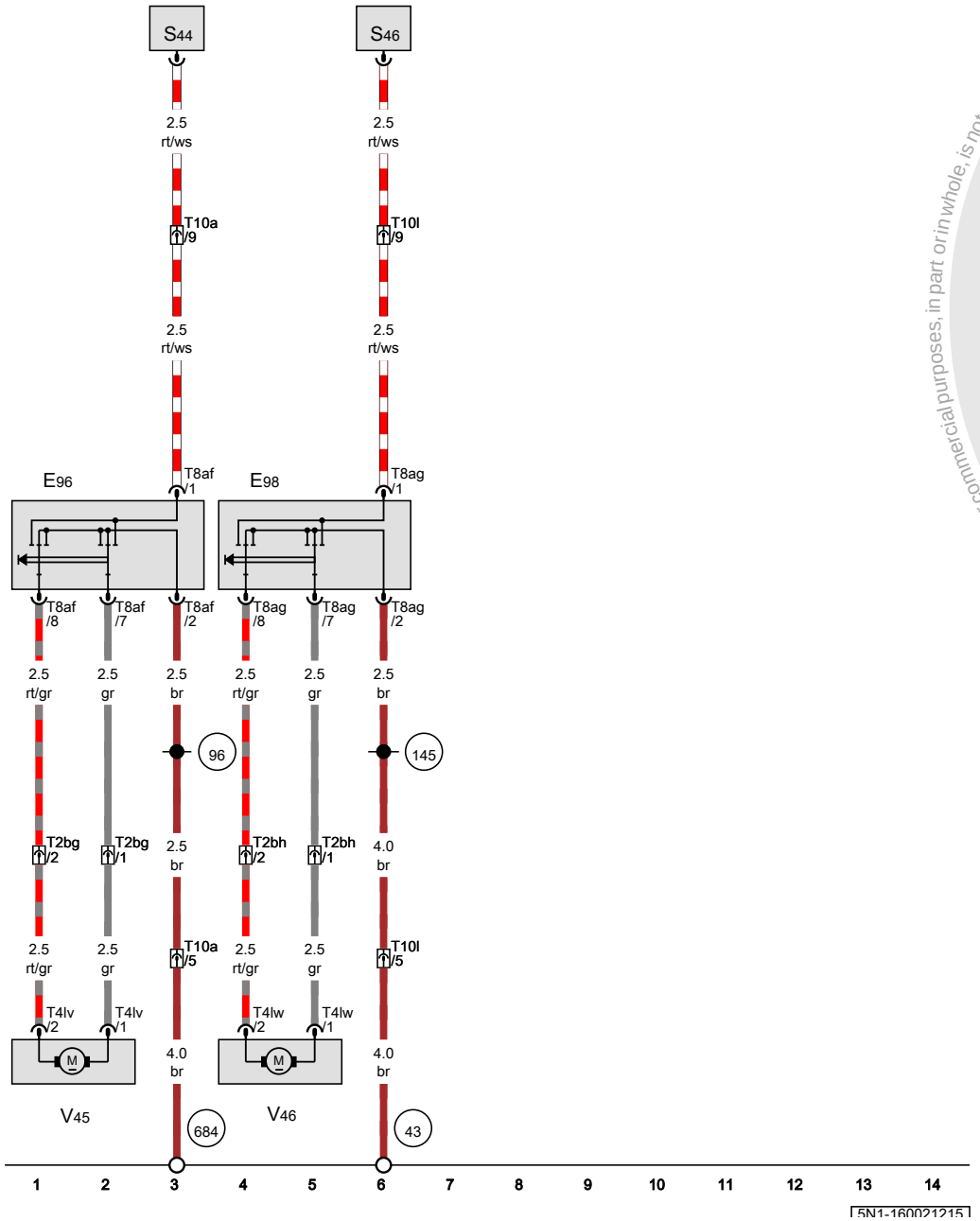
J119	Multifunction indicator
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnostic interface, in left footwell, near centre console
T16	16-pin connector
T20	20-pin connector
T32	32-pin connector
T52b	52-pin connector
T52c	52-pin connector
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B340	Connection 1 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
*	From May 2014
*2	Diagnostic connection

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Backrest adjustment , (3PD),(3PT)

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Driver seat backrest adjustment switch, Front passenger seat backrest adjustment switch, Driver seat backrest adjustment motor, Front passenger seat backrest adjustment motor

E96	Driver seat backrest adjustment switch
E98	Front passenger seat backrest adjustment switch
S44	Driver seat adjustment thermal fuse 1
S46	Front passenger seat adjustment thermal fuse 1
T2bg	2-pin connector
T2bh	2-pin connector
T4lv	4-pin connector
T4lw	4-pin connector
T8af	8-pin connector
T8ag	8-pin connector
T10a	10-pin connector
T10l	10-pin connector
V45	Driver seat backrest adjustment motor
V46	Front passenger seat backrest adjustment motor
43	Earth point, lower part of right A-pillar
96	Earth connection 1, in seat heating wiring harness
145	Earth connection 3, in seat heating wiring harness
684	Earth point on front of left side member

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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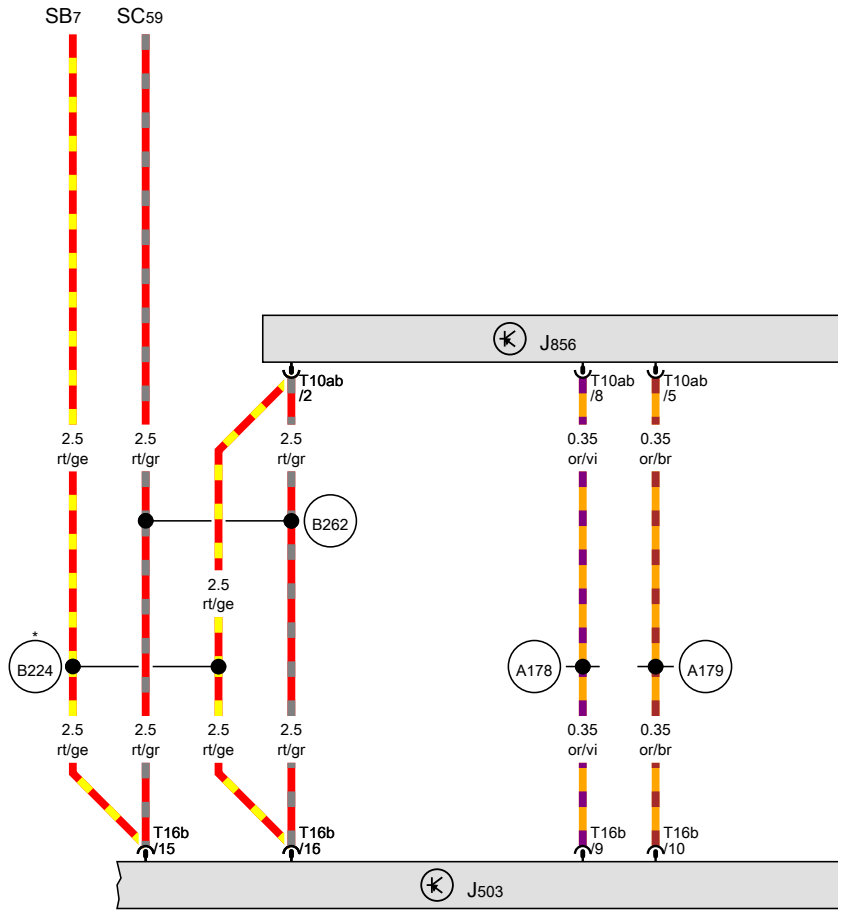
Radio and navigation system (South Korea) , (8AE),(7UB)

From May 2012

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Control unit with display for radio and navigation, Control unit for navigation system

J503	Control unit with display for radio and navigation
J856	Control unit for navigation system
SB7	Fuse 7 on fuse holder B
SC59	Fuse 59 on fuse holder C
T10ab	10-pin connector
T16b	16-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B224	Connection 1 (radio), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
*	Only models with no start/stop system



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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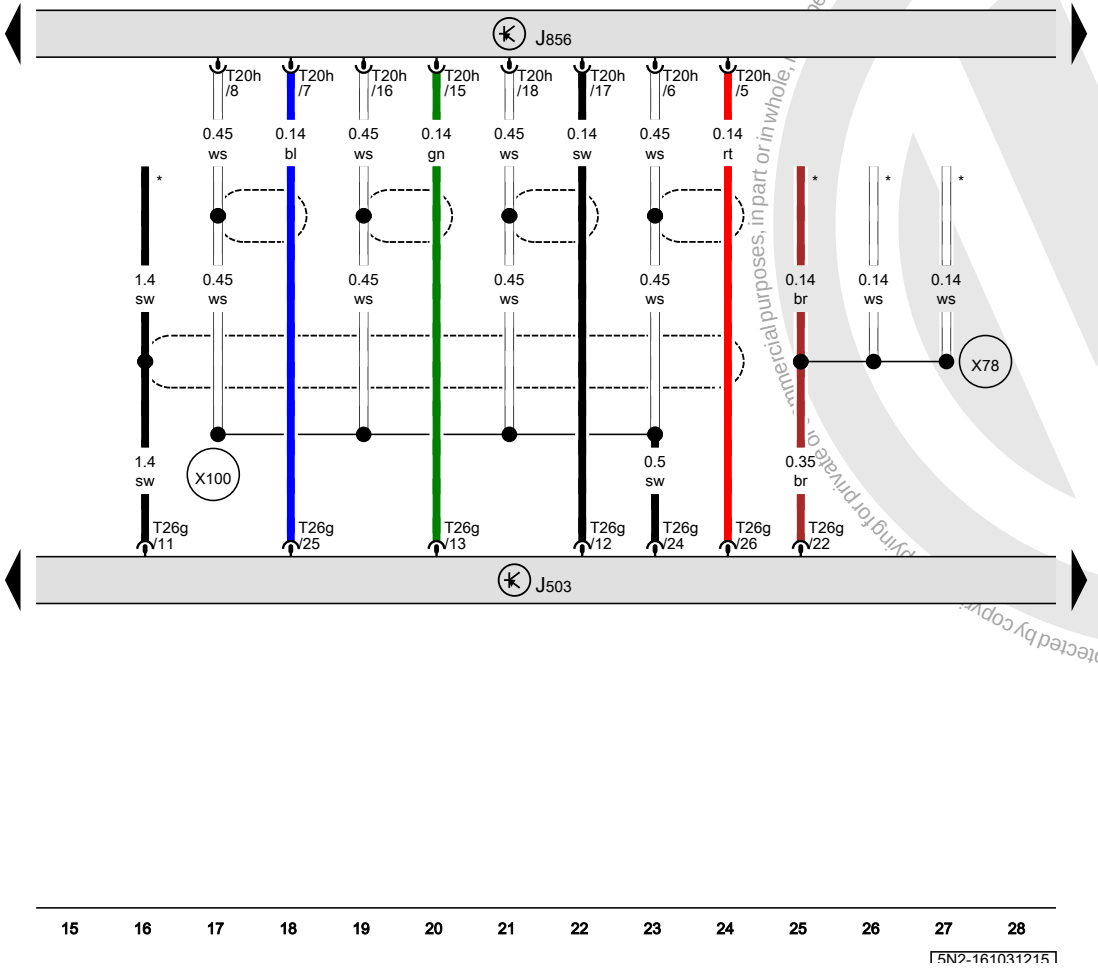
Control unit with display for radio and navigation, Control unit for navigation system

J503 Control unit with display for radio and navigation
J856 Control unit for navigation system
T20h 20-pin connector
T26g 26-pin connector

X78 Connection 1, in optional equipment wiring harness

X100 Connection (screening), in optional equipment wiring harness

* Wiring open end

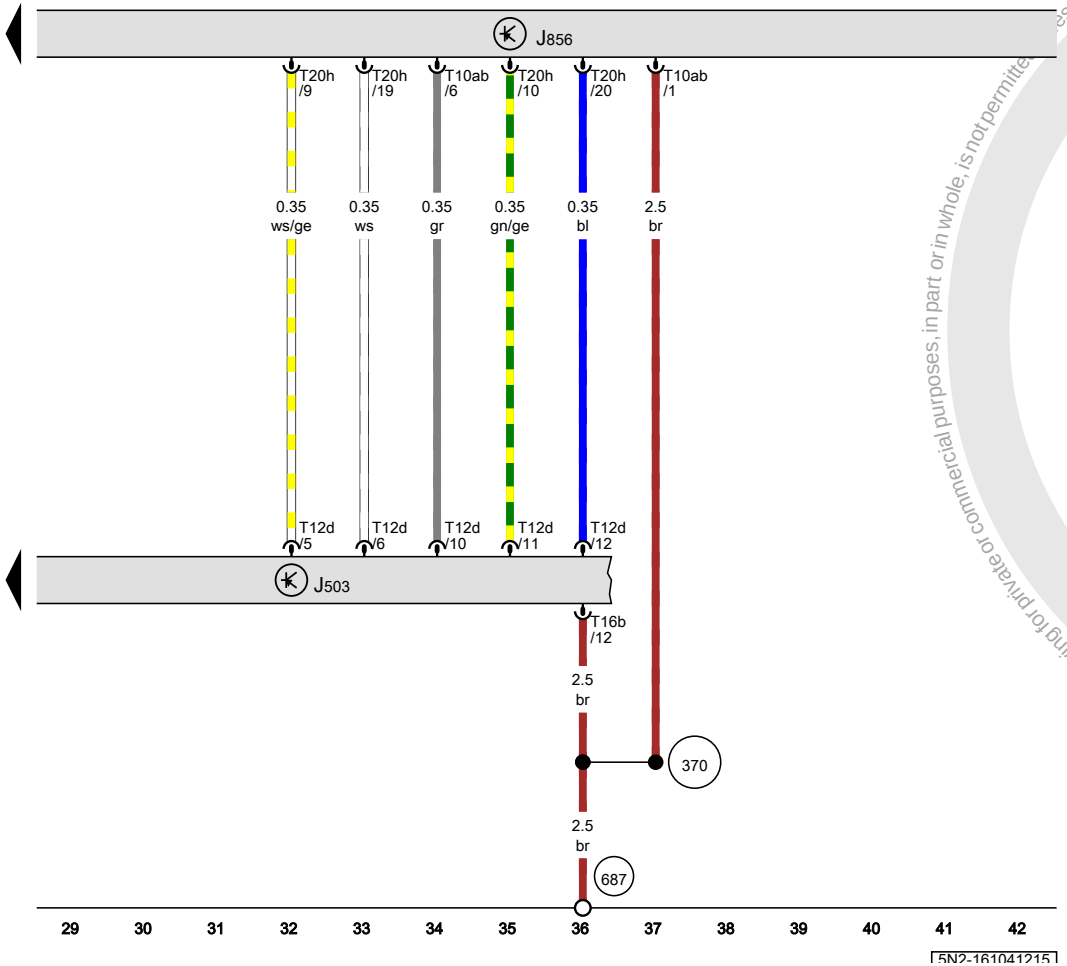


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Control unit with display for radio and navigation, Control unit for navigation system

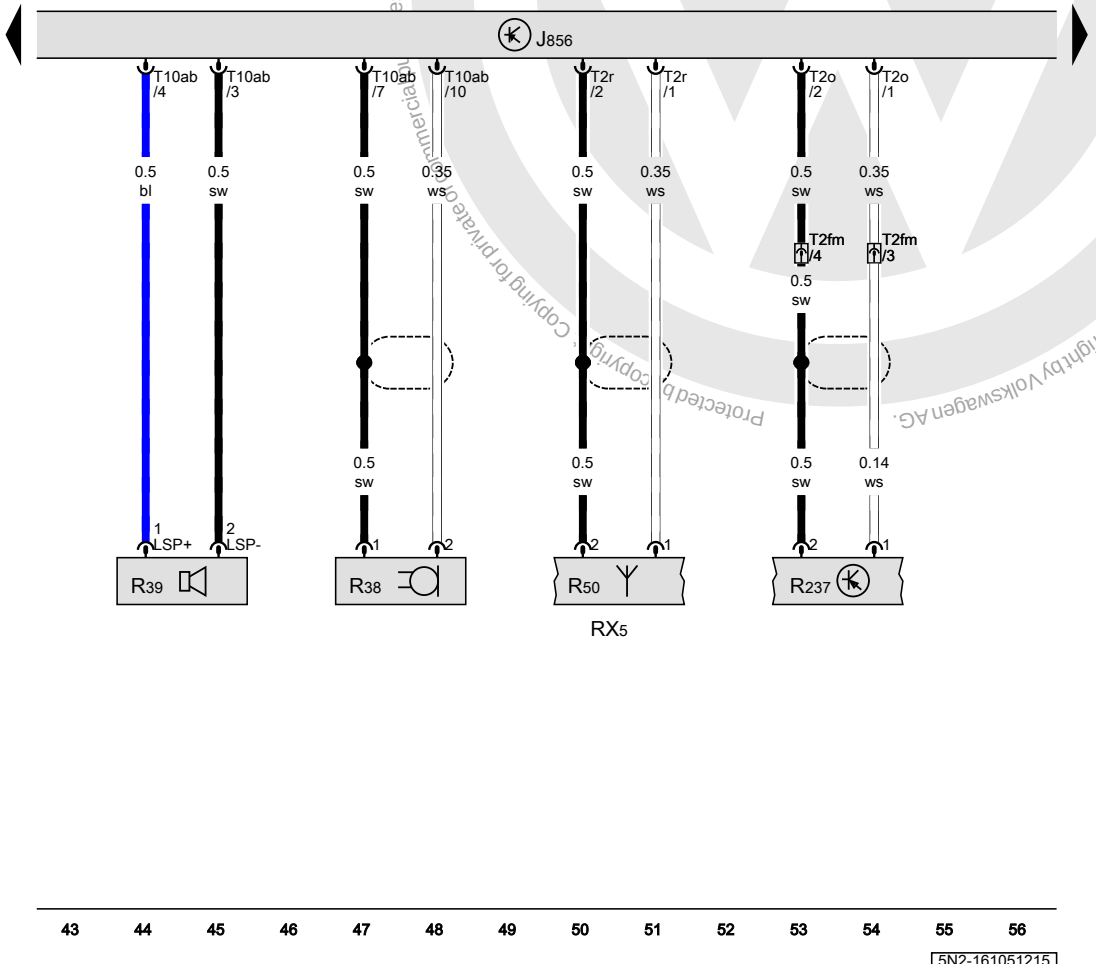
J503	Control unit with display for radio and navigation
J856	Control unit for navigation system
T10ab	10-pin connector
T12d	12-pin connector
T16b	16-pin connector
T20h	20-pin connector
370	Earth connection 5, in main wiring harness
687	Earth point 1, on centre tunnel



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

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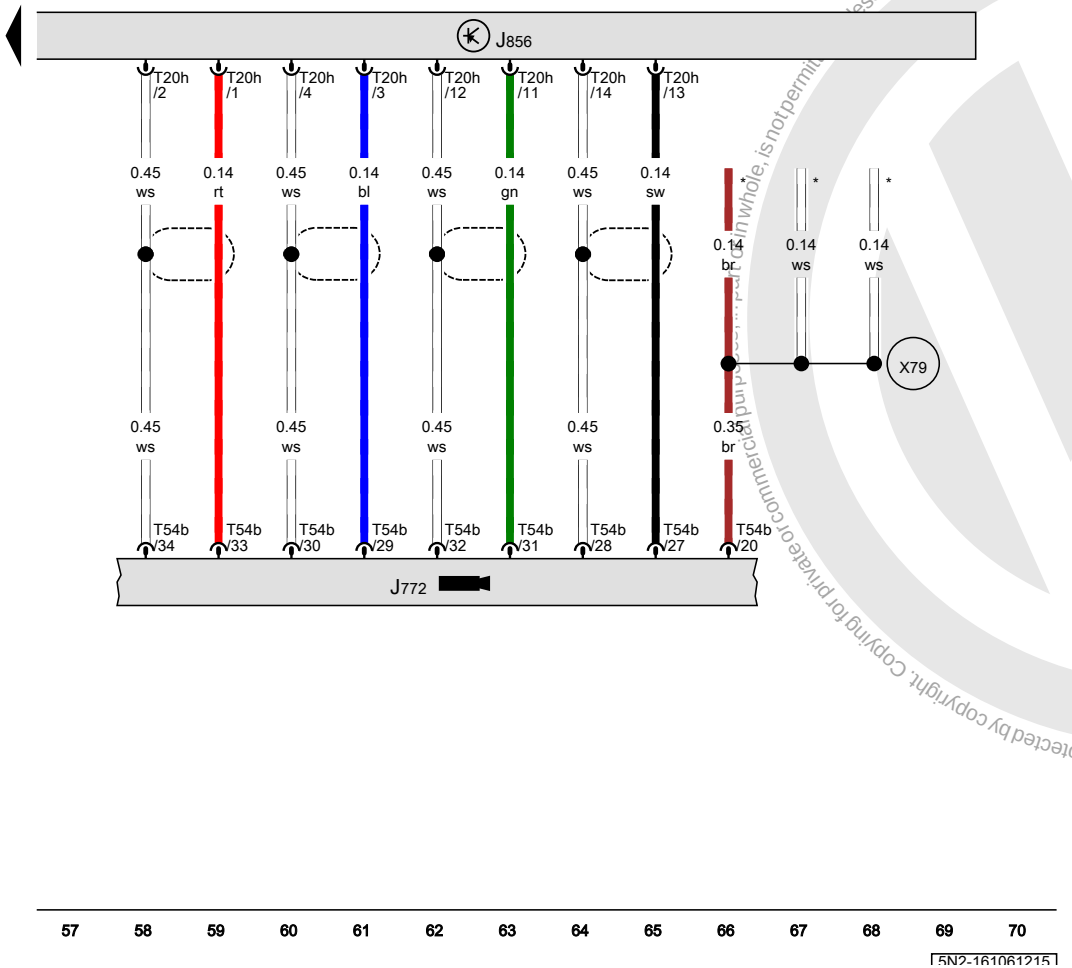
Control unit for navigation system, Roof aerial, Telephone microphone, Telephone and navigation systems loudspeaker, Impedance converter for digital radio reception

J856	Control unit for navigation system
RX5	Roof aerial
R38	Telephone microphone
R39	Telephone and navigation systems loudspeaker
R50	GPS aerial
R237	Impedance converter for digital radio reception
T2fm	2-pin connector
T2o	2-pin connector
T2r	2-pin connector
T10ab	10-pin connector

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or	=	orange
rs	=	pink

Reversing camera system control unit, Control unit for navigation system

J772	Reversing camera system control unit
J856	Control unit for navigation system
T20h	20-pin connector
T54b	54-pin connector
X79	Connection 2, in optional equipment wiring harness
*	Wiring open end



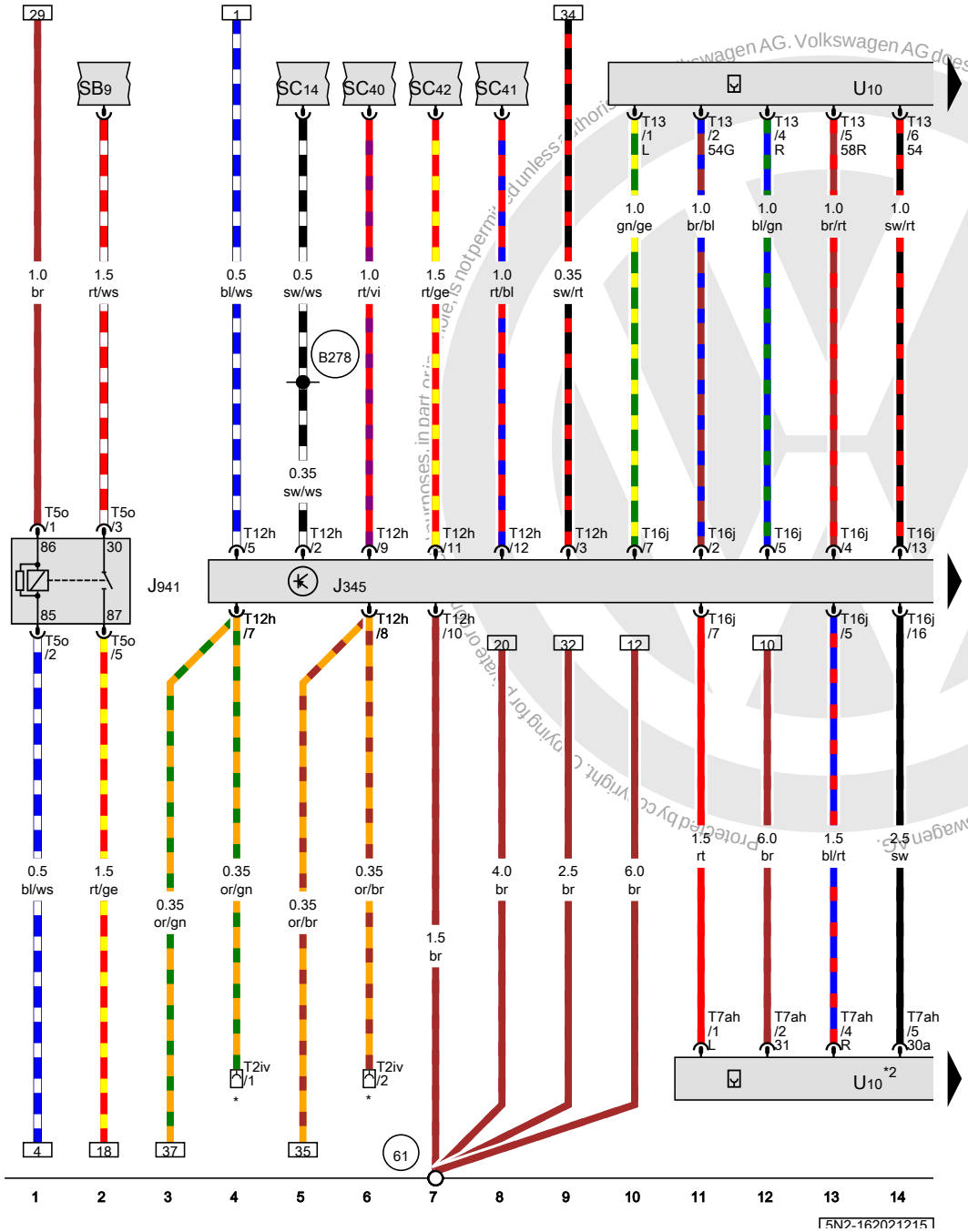
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Trailer coupling , (1D4),(1D6),(1D8),(1M5)

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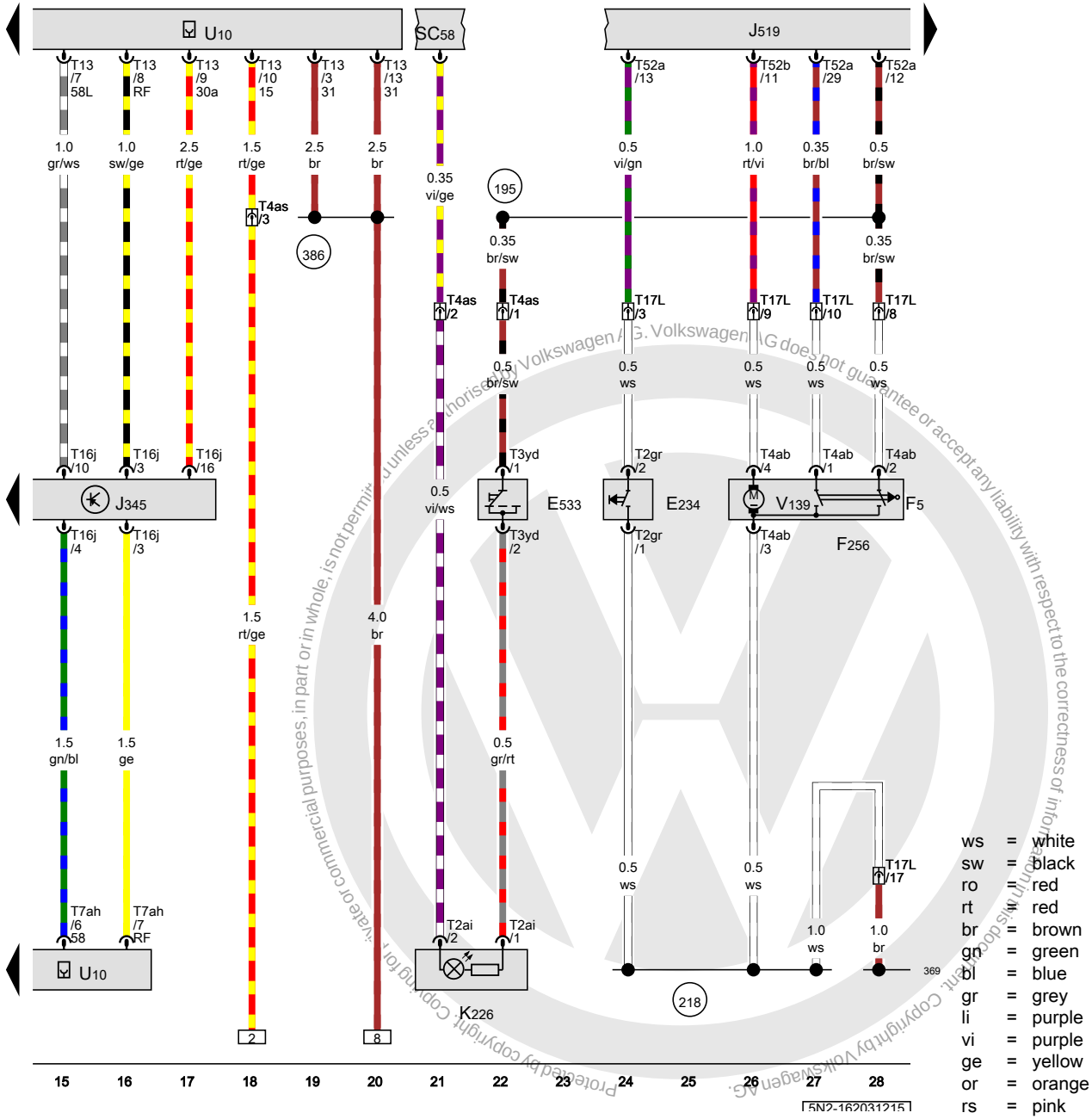


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Trailer detector control unit, Trailer voltage supply relay, Trailer socket

J345	Trailer detector control unit
J941	Trailer voltage supply relay
SB9	Fuse 9 on fuse holder B
SC14	Fuse 14 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
T2iv	2-pin connector
T5o	5-pin connector
T7ah	7-pin connector
T12h	12-pin connector
T13	13-pin connector
T16j	16-pin connector
U10	Trailer socket
61	Earth point, left C-pillar
B278	Positive connection 2 (15a) in main wiring harness
*	Only models with preparation for trailer coupling
*2	Only for American markets

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Rear lid handle release button, Luggage compartment light switch, Rear lid lock unit, Trailer detector control unit, Onboard supply control unit, Towing bracket locked warning lamp, Trailer socket

E234	Rear lid handle release button
E533	Lock button
F5	Luggage compartment light switch
F256	Rear lid lock unit
J345	Trailer detector control unit
J519	Onboard supply control unit
K226	Towing bracket locked warning lamp
SC58	Fuse 58 on fuse holder C
T2ai	2-pin connector
T2gr	2-pin connector
T3yd	3-pin connector
T4ab	4-pin connector
T4as	4-pin connector
T7ah	7-pin connector
T13	13-pin connector
T16j	16-pin connector
T17L	17-pin connector
T52a	52-pin connector
T52b	52-pin connector
U10	Trailer socket
V139	Rear lid release motor

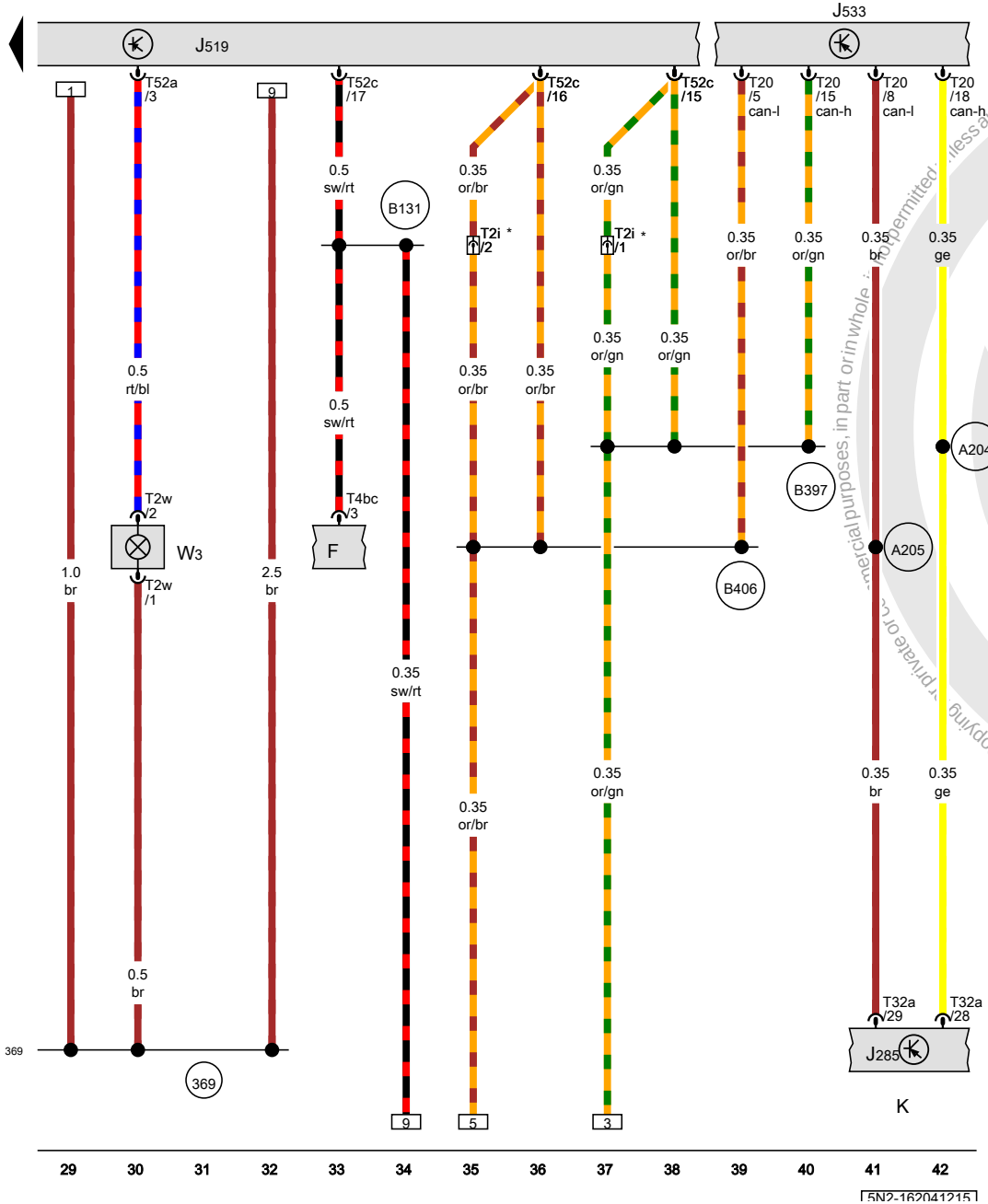
195 Earth connection, in rear door switch wiring harness

218 Earth connection 1, in rear lid wiring harness

369 Earth connection 4, in main wiring harness

386 Earth connection 21, in main wiring harness

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Control unit in dash panel insert, Onboard supply control unit, Data bus diagnostic interface

F	Brake light switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnostic interface
K	Dash panel insert
T2i	2-pin connector
T2w	2-pin connector
T4bc	4-pin connector
T20	20-pin connector
T32a	32-pin connector
T52a	52-pin connector
T52c	52-pin connector
W3	Luggage compartment light
369	Earth connection 4, in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B131	Connection (54), in interior wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with preparation for trailer coupling

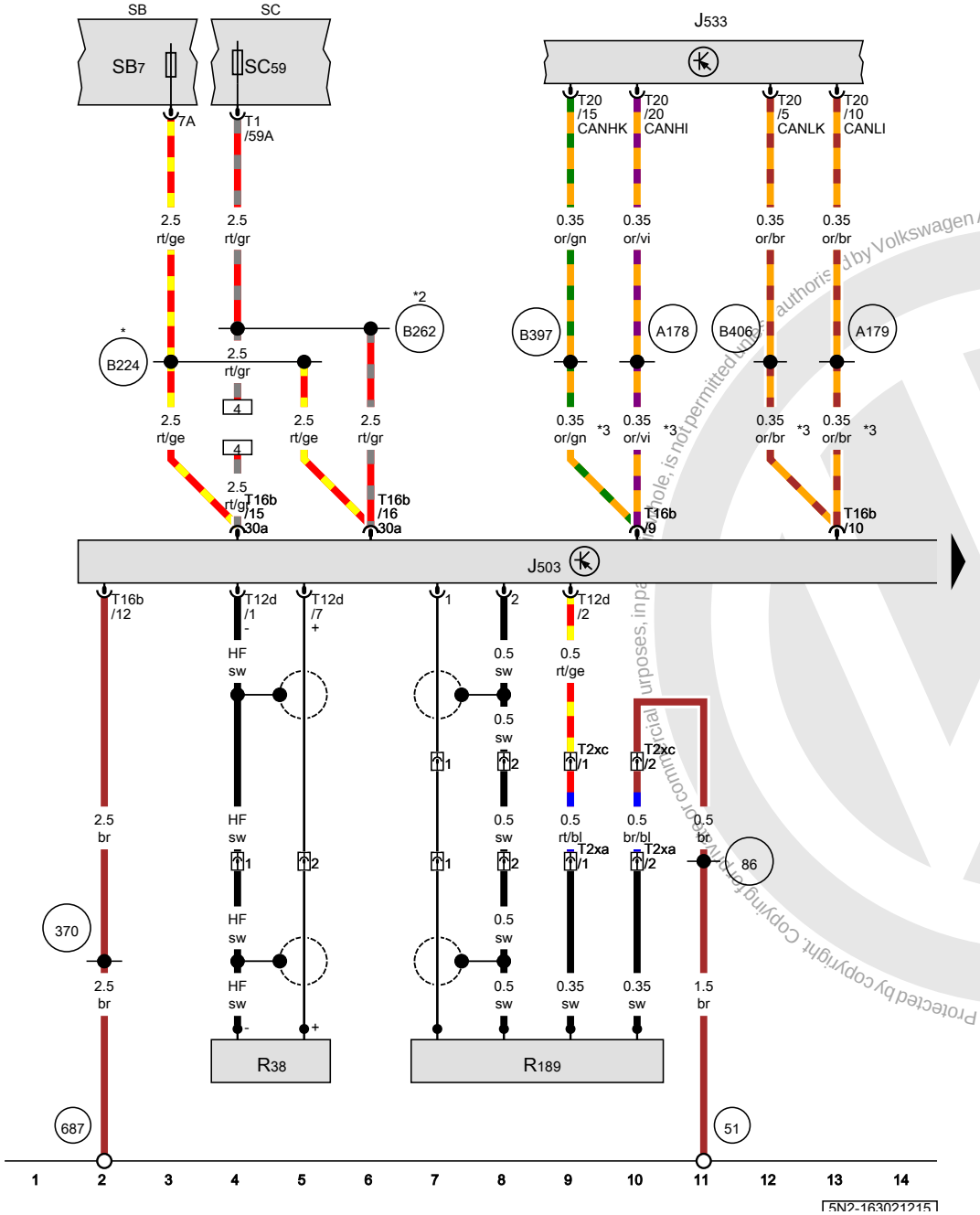
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Preparation for radio, Japan only , (7UN)

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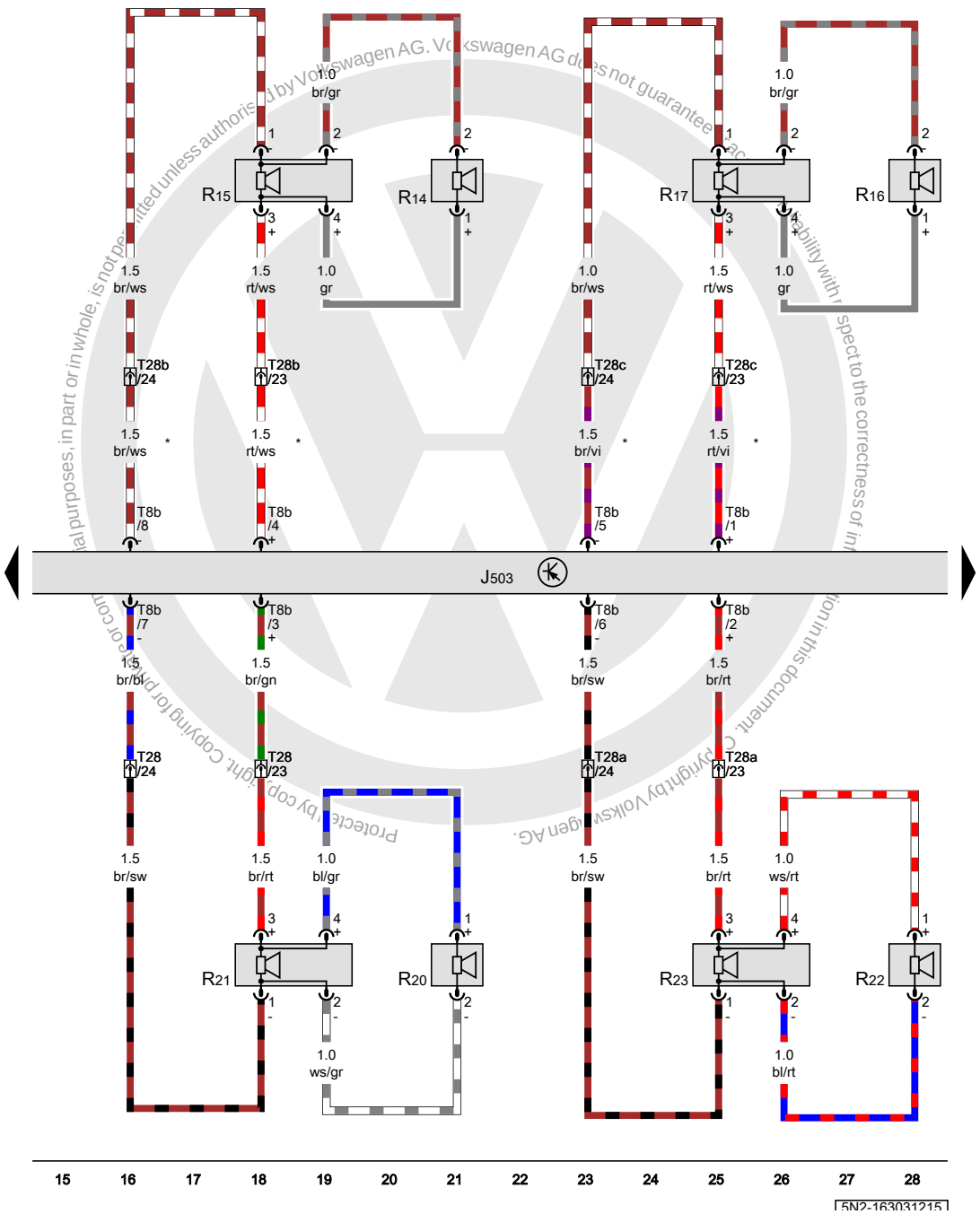


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Control unit with display for radio and navigation, Data bus diagnostic interface, Telephone microphone, Reversing camera

J503	Control unit with display for radio and navigation
J533	Data bus diagnostic interface
R38	Telephone microphone
R189	Reversing camera
SB	Fuse holder B
SB7	Fuse 7 on fuse holder B
SC	Fuse holder C
SC59	Fuse 59 on fuse holder C
T1	1-pin connector
T2aj	2-pin connector
T2ak	2-pin connector
T2f	2-pin connector
T2xa	2-pin connector
T2xc	2-pin connector
T12d	12-pin connector
T16b	16-pin connector
T20	20-pin connector
51	Earth point, on right in luggage compartment
86	Earth connection 1, in rear wiring harness
370	Earth connection 5, in main wiring harness
687	Earth point 1, on centre tunnel
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B224	Connection 1 (radio), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no start/stop system
*2	Only models with start/stop system
*3	According to equipment

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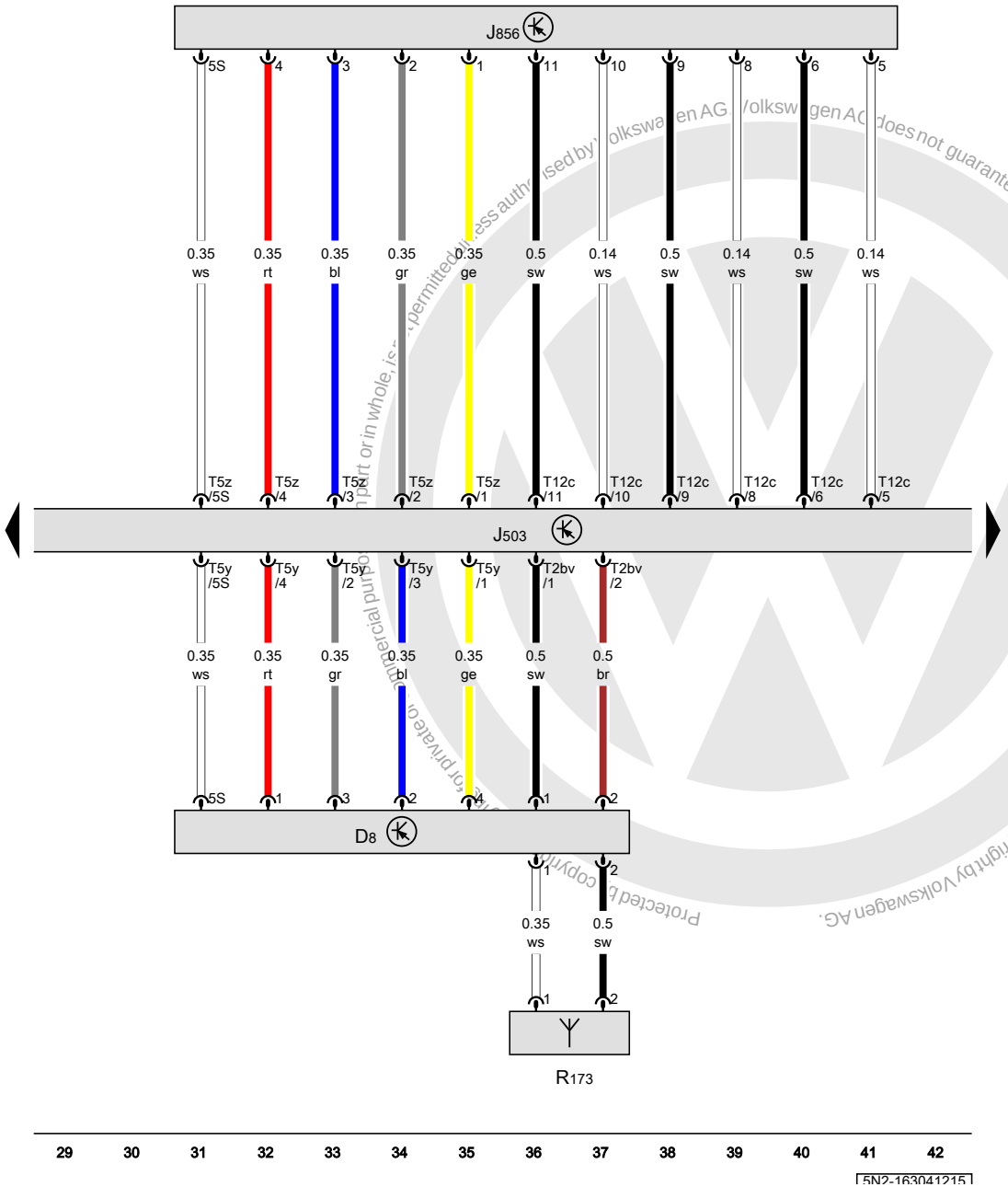


Control unit with display for radio and navigation, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

J503	Control unit with display for radio and navigation
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T8b	8-pin connector
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector
*	Only models with rear loudspeaker

ws	=	white
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rt	=	red
br	=	brown
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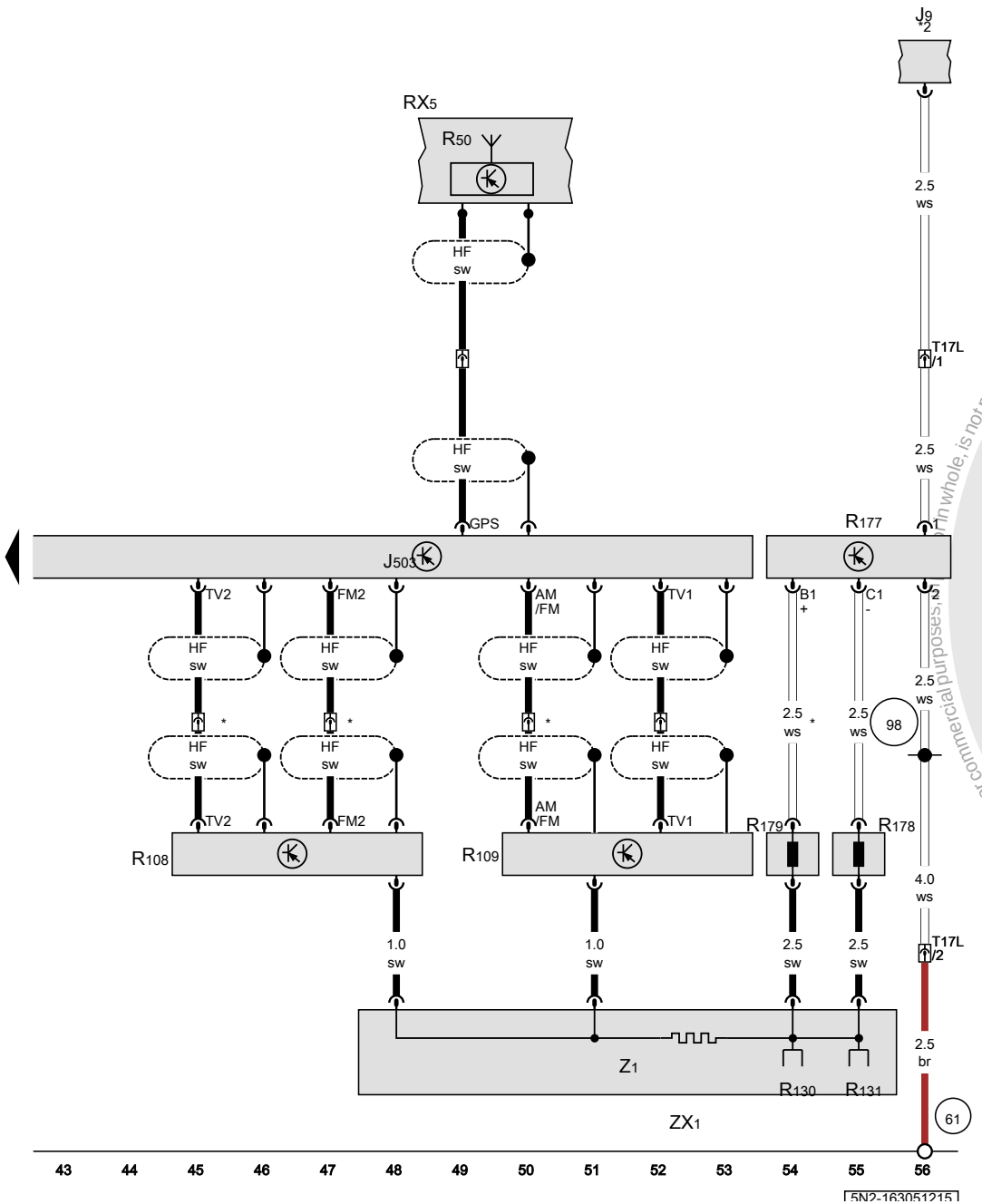
Chip card reader, Control unit with display for radio and navigation, Control unit for navigation system, Traffic data aerial

D8	Chip card reader
J503	Control unit with display for radio and navigation
J856	Control unit for navigation system
R173	Traffic data aerial
T2bv	2-pin connector
T5y	5-pin connector
T5z	5-pin connector
T12c	12-pin connector

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Control unit with display for radio and navigation, Left aerial module, Right aerial module, Amplitude modulation (AM) frequency filter, Frequency modulation (FM) frequency filter in negative wire, Frequency modulation (FM) frequency filter in positive wire, Rear window, Heated rear window



J9	Heated rear window relay
J503	Control unit with display for radio and navigation
RX5	Roof aerial
R50	GPS aerial
R108	Left aerial module
R109	Right aerial module
R130	Rear window aerial 1
R131	Rear window aerial 2
R177	Amplitude modulation (AM) frequency filter
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T1	1-pin connector
T1c	1-pin connector
T2za	2-pin connector
T3w	3-pin connector
T17L	17-pin connector
ZX1	Rear window
Z1	Heated rear window
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
*	According to equipment
*2	see applicable current flow diagram for basic equipment

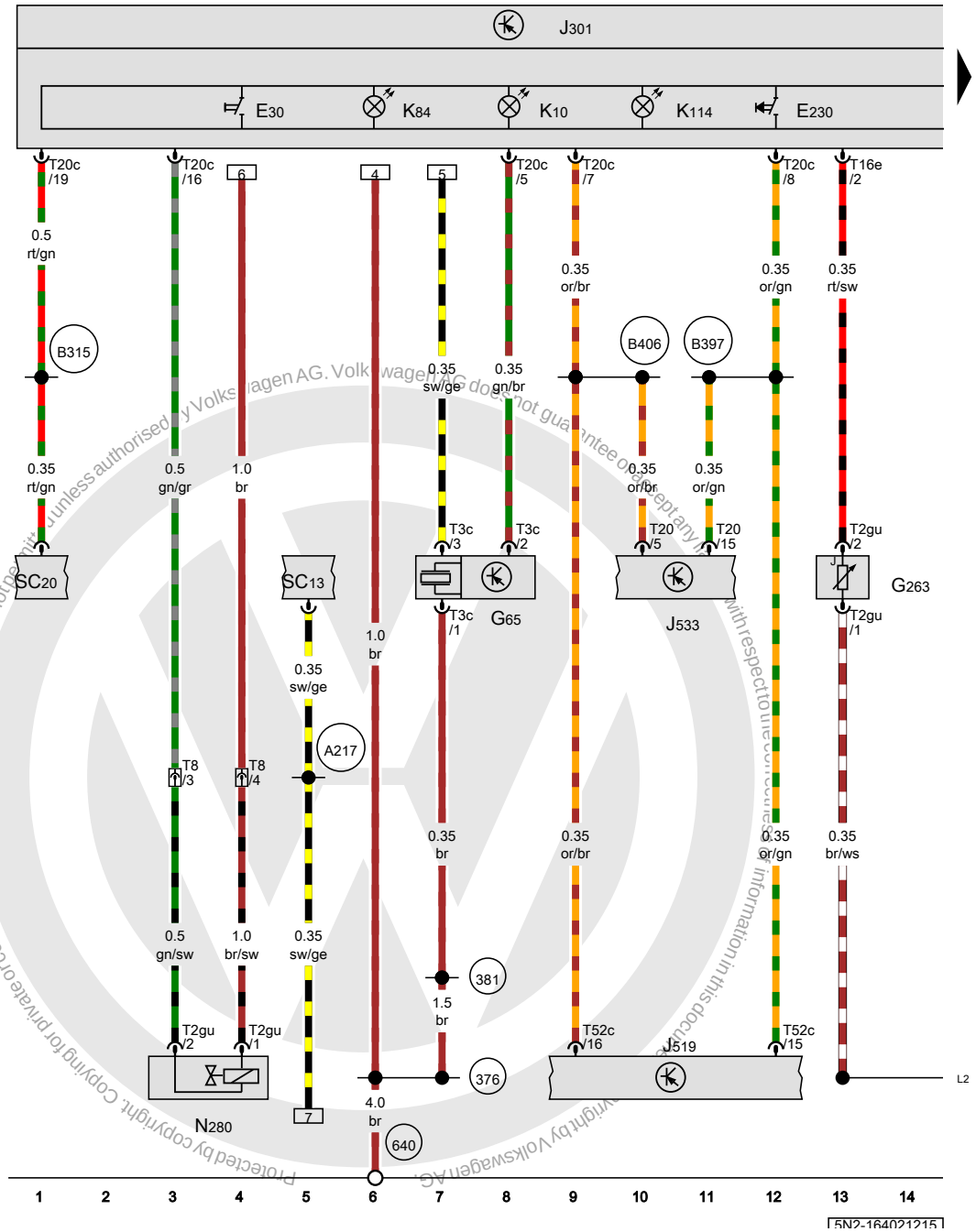
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Air conditioning system , (KH6)

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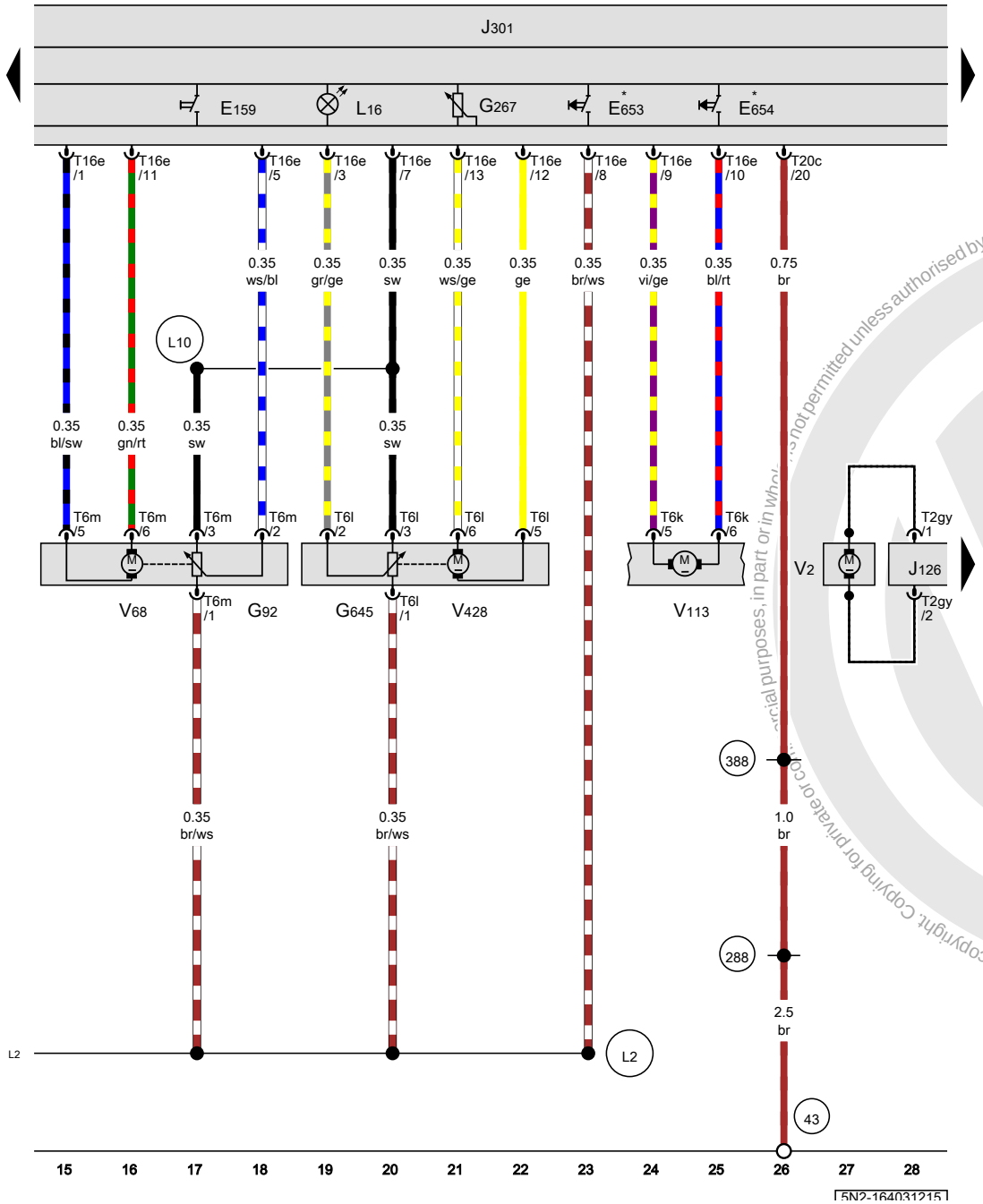


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High-pressure sender, Evaporator output temperature sender, Air conditioning system control unit, Onboard supply control unit, Data bus diagnostic interface, Air conditioner compressor regulating valve

E30	Air conditioning system switch
E230	Heated rear window button
G65	High-pressure sender
G263	Evaporator output temperature sender
J301	Air conditioning system control unit, in centre console
J519	Onboard supply control unit
J533	Data bus diagnostic interface
K10	Heated rear window warning lamp
K84	Air conditioning system warning lamp
K114	Fresh air and air recirculation warning lamp
N280	Air conditioner compressor regulating valve
SC13	Fuse 13 on fuse holder C
SC20	Fuse 20 on fuse holder C
T2gu	2-pin connector
T3c	3-pin connector
T8	8-pin connector
T16e	16-pin connector
T20	20-pin connector
T20c	20-pin connector
T52c	52-pin connector
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
A217	Positive connection 8 (15a) in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
L2	Connection in air conditioning system wiring harness

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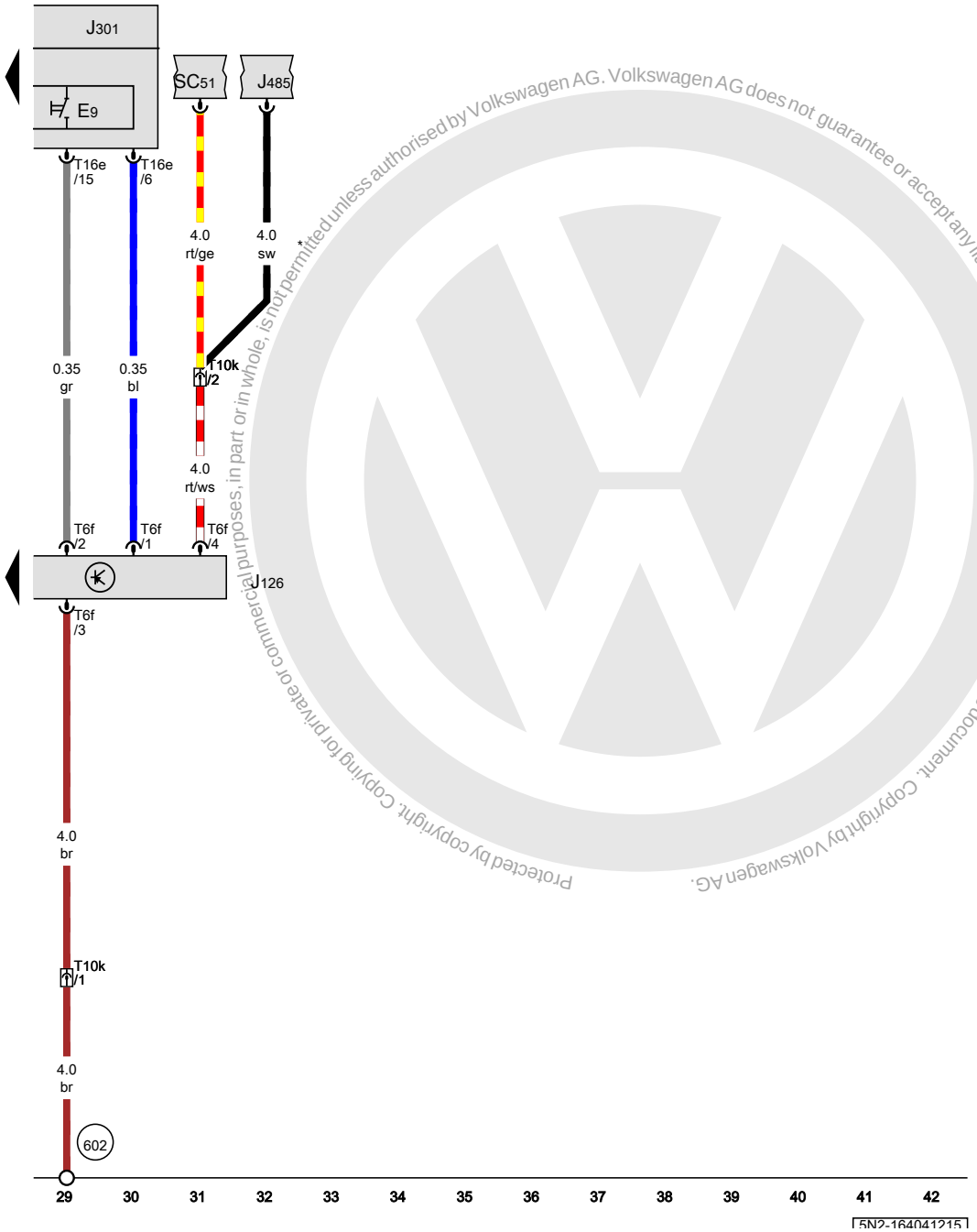


Potentiometer for temperature flap control motor, Fresh air blower control unit, Air conditioning system control unit, Fresh air blower, Air recirculation flap control motor, Air distribution flap control motor

E159	Fresh air and air recirculation flap switch
E653	Button for left seat heating
E654	Button for right seat heating
G92	Potentiometer for temperature flap control motor
G267	Potentiometer for temperature selection rotary knob
G645	Potentiometer for air distribution flap control motor
J126	Fresh air blower control unit
J301	Air conditioning system control unit, in centre console
L16	Fresh air regulator illumination bulb
T2gy	2-pin connector
T6k	6-pin connector
T6l	6-pin connector
T6m	6-pin connector
T16e	16-pin connector
T20c	20-pin connector
V2	Fresh air blower
V68	Temperature flap control motor
V113	Air recirculation flap control motor
V428	Air distribution flap control motor
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 23, in main wiring harness
L2	Connection in air conditioning system wiring harness
L10	Connection 2, in air conditioning system wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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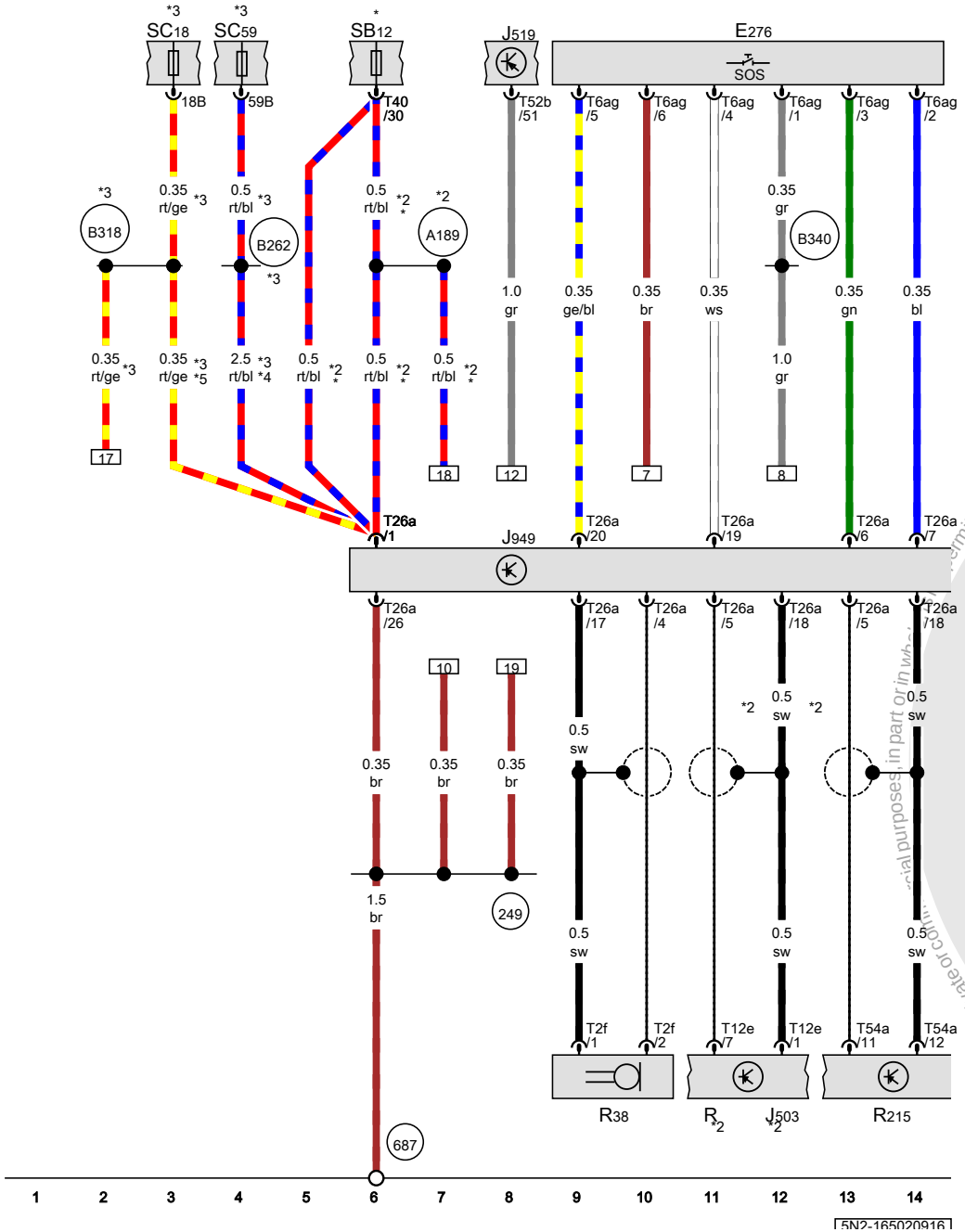
Fresh air blower control unit, Air conditioning system control unit

E9	Fresh air blower switch
J126	Fresh air blower control unit
J301	Air conditioning system control unit, in centre console
J485	Auxiliary heater operation relay
SC51	Fuse 51 on fuse holder C
T6f	6-pin connector
T10k	10-pin connector
T16e	16-pin connector
602	Earth point, in front left footwell
*	Only models with auxiliary heating

Emergency call module , (EL2),(EL3)

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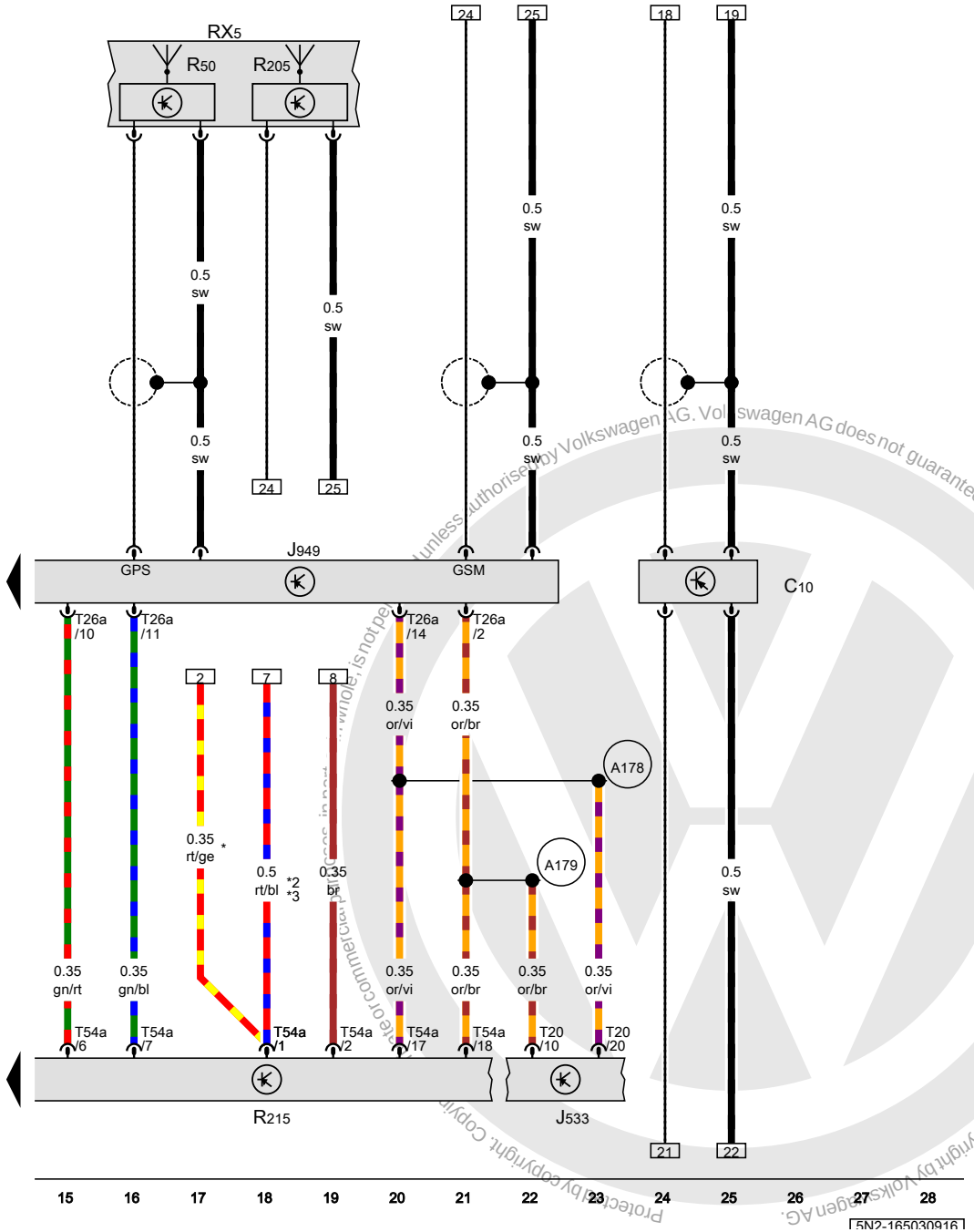


Emergency assistance call button, Emergency call module control unit and communication unit, Telephone microphone

E276	Emergency assistance call button
J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
J949	Emergency call module control unit and communication unit, under front passenger seat
R	Radio
R38	Telephone microphone, on microphone unit in front roof module
R215	Interface for external multimedia unit
SB12	Fuse 12 on fuse holder B
SC18	Fuse 18 on fuse holder C
SC59	Fuse 59 on fuse holder C
T2f	2-pin connector
T6ag	6-pin connector
T12e	12-pin connector
T26a	26-pin connector
T40	40-pin connector
T52b	52-pin connector
T54a	54-pin connector
249	Earth connection 2, in interior wiring harness
687	Earth point 1, on centre tunnel
A189	Positive connection 5 (30a) in dash panel wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with no start/stop system
*2	According to equipment
*3	Only models with start/stop system
*4	Up to November 2014
*5	From November 2014

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Emergency call module control unit and communication unit, Roof aerial

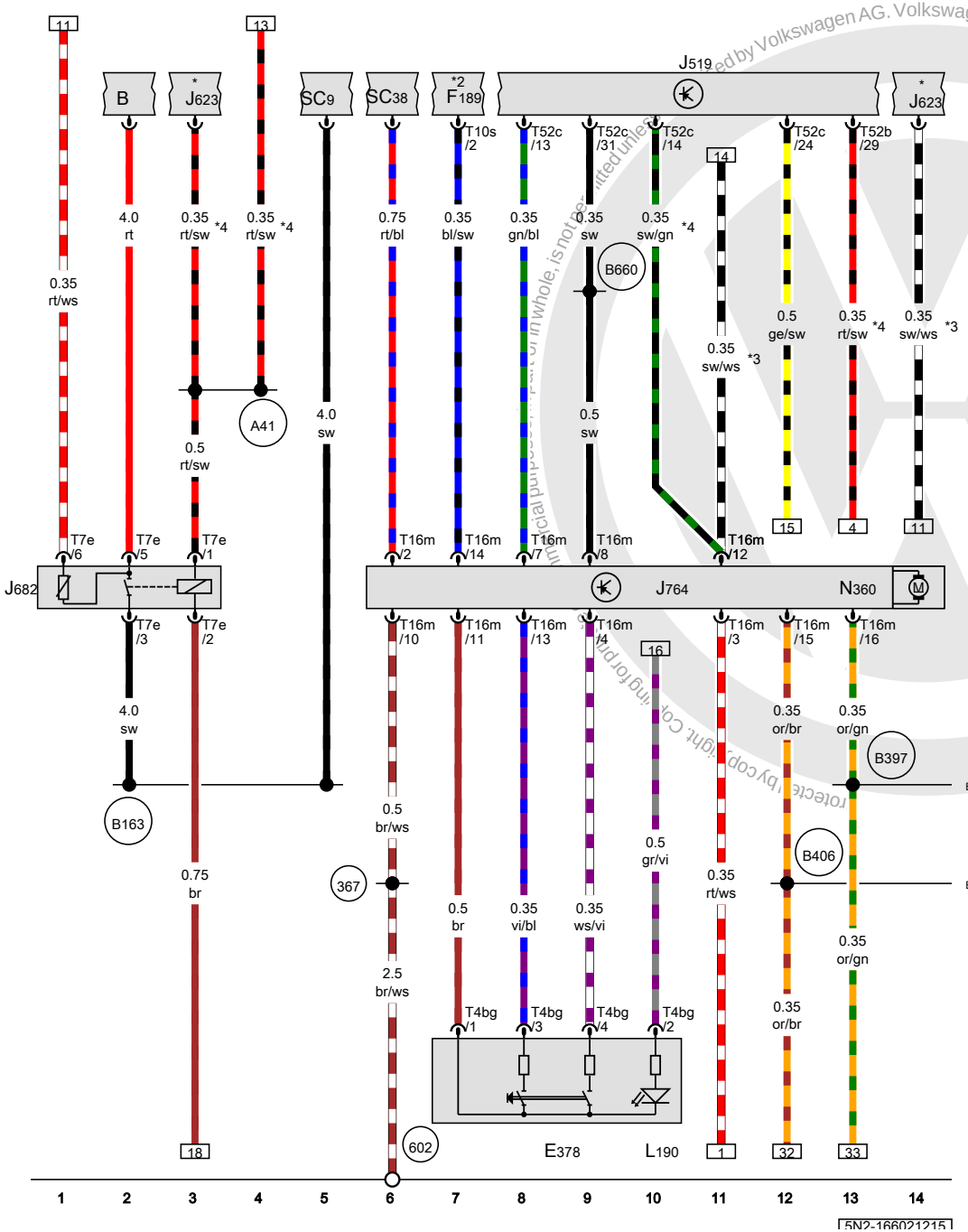
C10	Suppression filter
J533	Data bus diagnostic interface
J949	Emergency call module control unit and communication unit, under front passenger seat
RX5	Roof aerial
R50	GPS aerial
R205	GSM aerial
R215	Interface for external multimedia unit
T20	20-pin connector
T26a	26-pin connector
T54a	54-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Only models with start/stop system
*2	According to equipment
*3	Only models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

Entry and start authorisation , (4F2),(4F6),(4I3)

From May 2013

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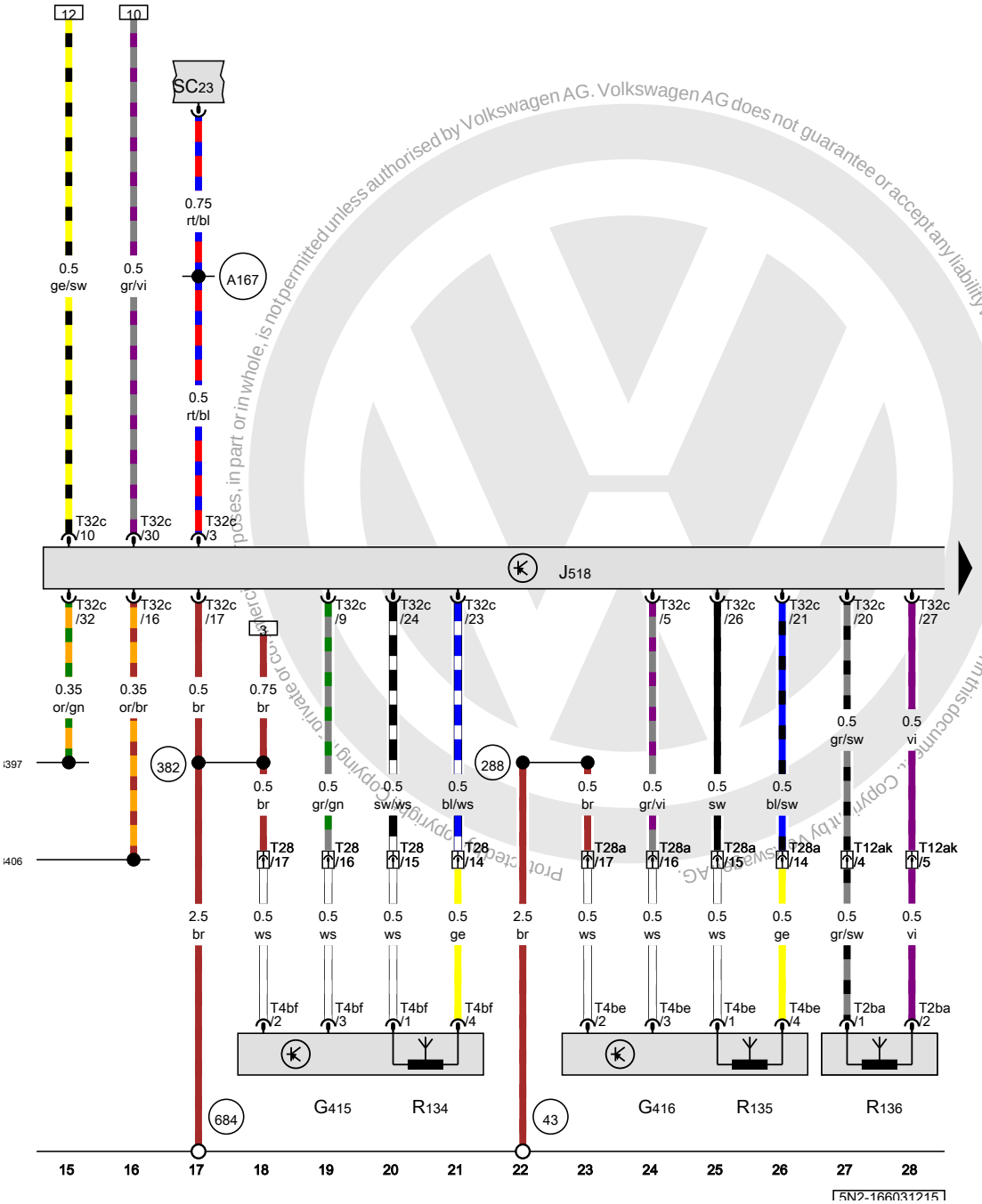


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or = orange
rs = pink

Starter button, Onboard supply control unit, Terminal 50 voltage supply relay, Control unit for electronic steering column lock

B	Starter
E378	Starter button
F189	Tiptronic switch
J519	Onboard supply control unit
J623	Engine control unit
J682	Terminal 50 voltage supply relay
J764	Control unit for electronic steering column lock
L190	Ignition and starter button illumination bulb
N360	Steering column lock control element
SC9	Fuse 9 on fuse holder C
SC38	Fuse 38 on fuse holder C
T4bg	4-pin connector
T7e	7-pin connector
T10s	10-pin connector
T16m	16-pin connector
T52b	52-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
A41	Positive connection (50), in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with automatic gearbox
*3	Wiring colour depends on equipment
*4	According to equipment

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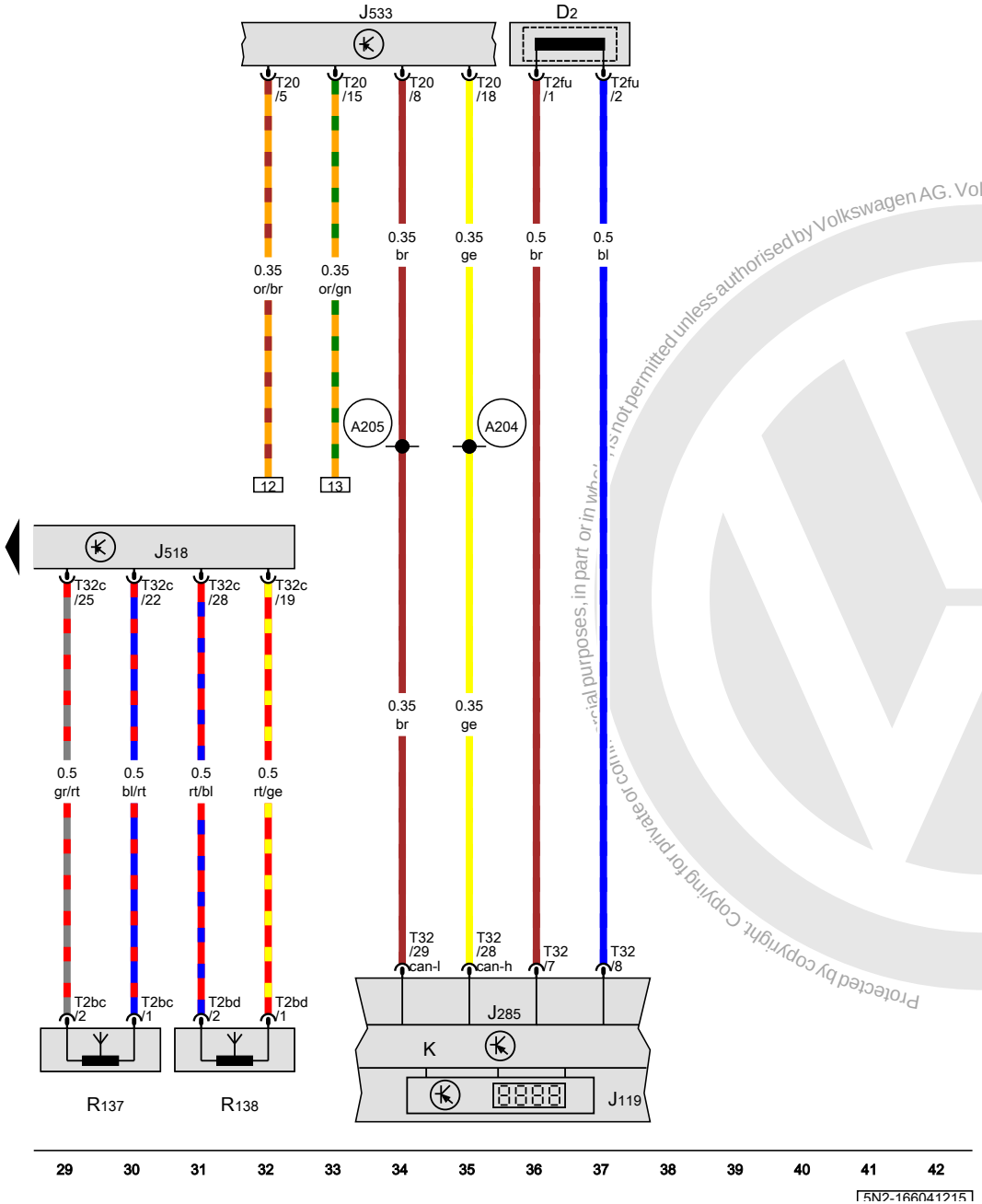


ws = white
sw = black
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br = brown
gn = green
bl = blue
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vi = purple
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rs = pink

Entry and start authorisation control unit, Driver side aerial for entry and start system, Passenger side aerial for entry and start system, Rear bumper aerial for entry and start system

G415	Driver door exterior handle contact sensor
G416	Front passenger door exterior handle contact sensor
J518	Entry and start authorisation control unit
R134	Driver side aerial for entry and start system
R135	Passenger side aerial for entry and start system
R136	Rear bumper aerial for entry and start system
SC23	Fuse 23 on fuse holder C
T2ba	2-pin connector
T4be	4-pin connector
T4bf	4-pin connector
T12ak	12-pin connector
T28	28-pin connector
T28a	28-pin connector
T32c	32-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
A167	Positive connection 3 (30a) in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

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Immobiliser reader coil, Control unit in dash panel insert, Entry and start authorisation control unit, Data bus diagnostic interface, Dash panel insert, Luggage compartment aerial for entry and start system, Interior aerial 1 for entry and start system

D2	Immobiliser reader coil
J119	Multifunction indicator
J285	Control unit in dash panel insert
J518	Entry and start authorisation control unit
J533	Data bus diagnostic interface
K	Dash panel insert
R137	Luggage compartment aerial for entry and start system
R138	Interior aerial 1 for entry and start system
T2bc	2-pin connector
T2bd	2-pin connector
T2fu	2-pin connector
T20	20-pin connector
T32	32-pin connector
T32c	32-pin connector
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness

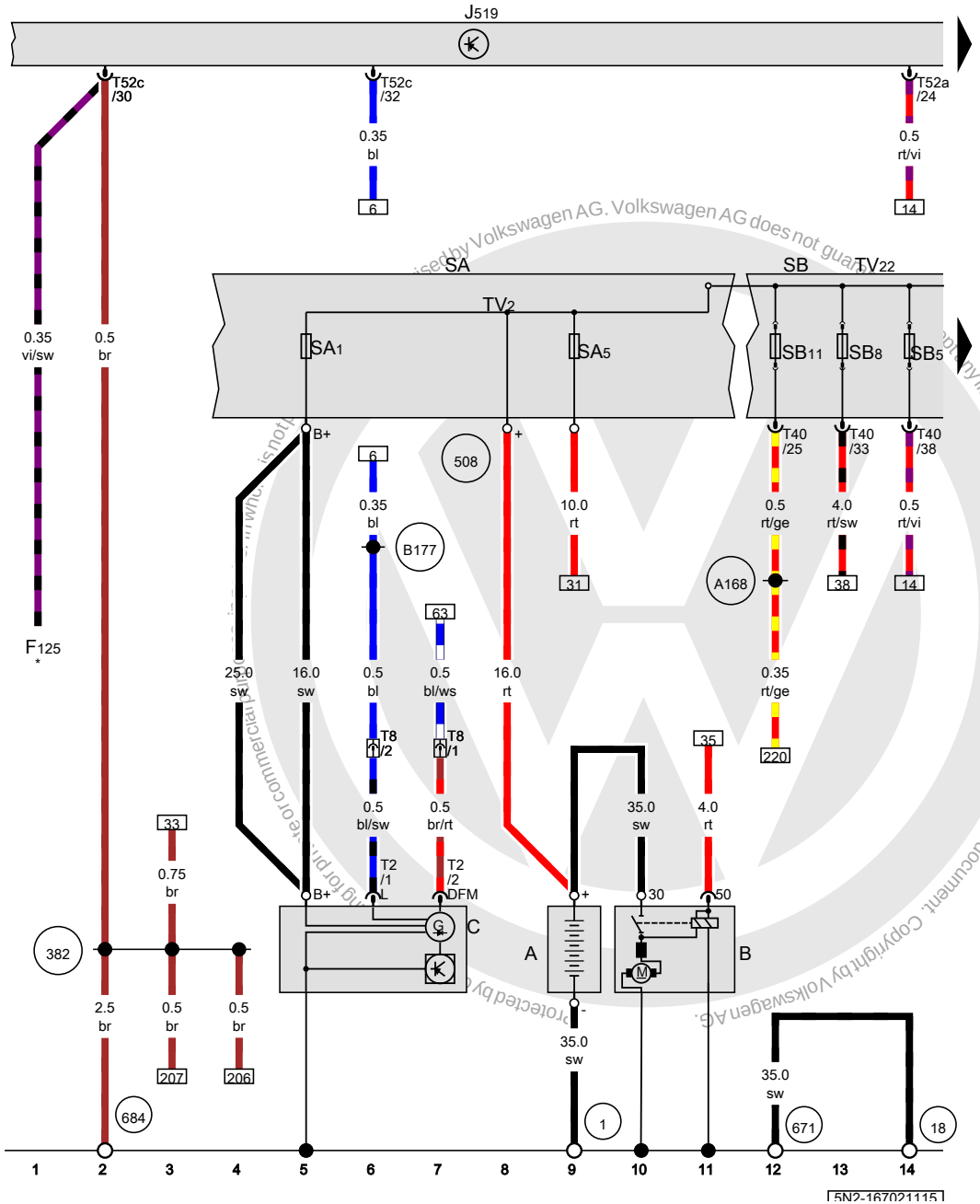
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1.4l petrol engine , CTHA,CTHD

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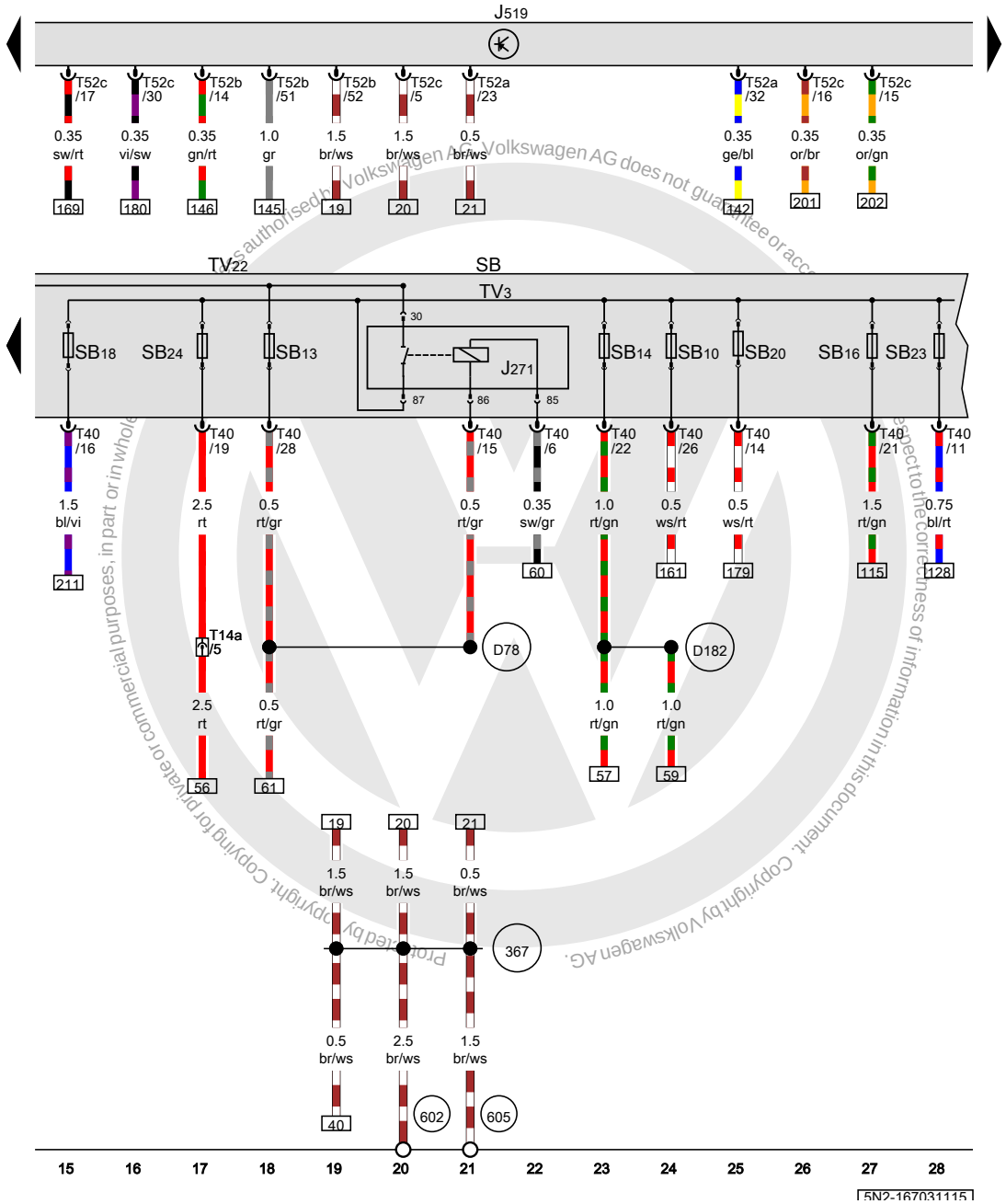


ws = white
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ro = red
rt = red
br = brown
gn = green
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Battery, Starter, Alternator, Onboard supply control unit, Fuse holder A, Fuse holder B

A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB5	Fuse 5 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB11	Fuse 11 on fuse holder B
T2	2-pin connector
T52a	52-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
T8	8-pin connector
TV22	Terminal 30 wiring junction 2
T40	40-pin connector
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
A168	Positive connection 4 (30a) in dash panel wiring harness
B177	Connection (61), in interior wiring harness
*	According to equipment

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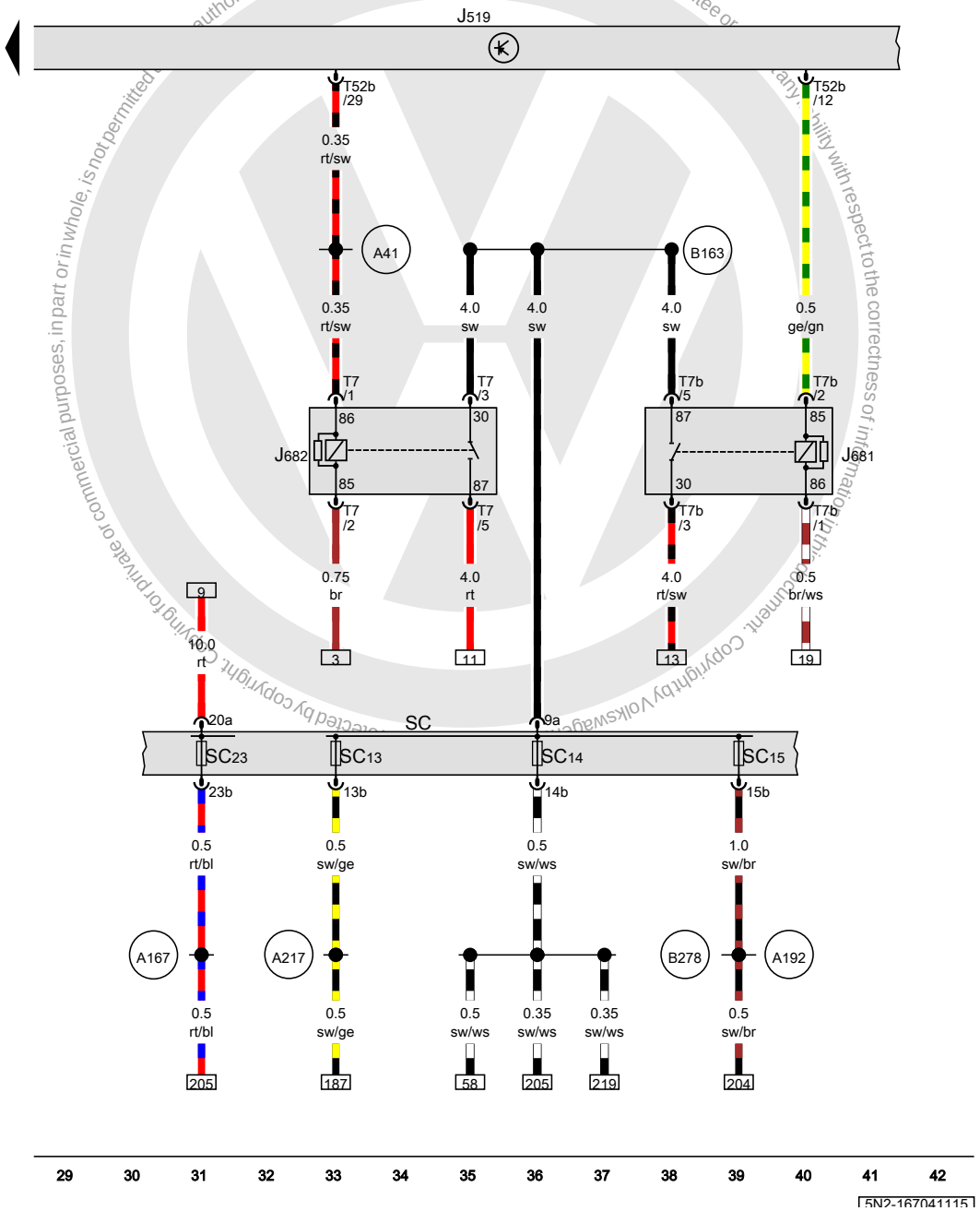
Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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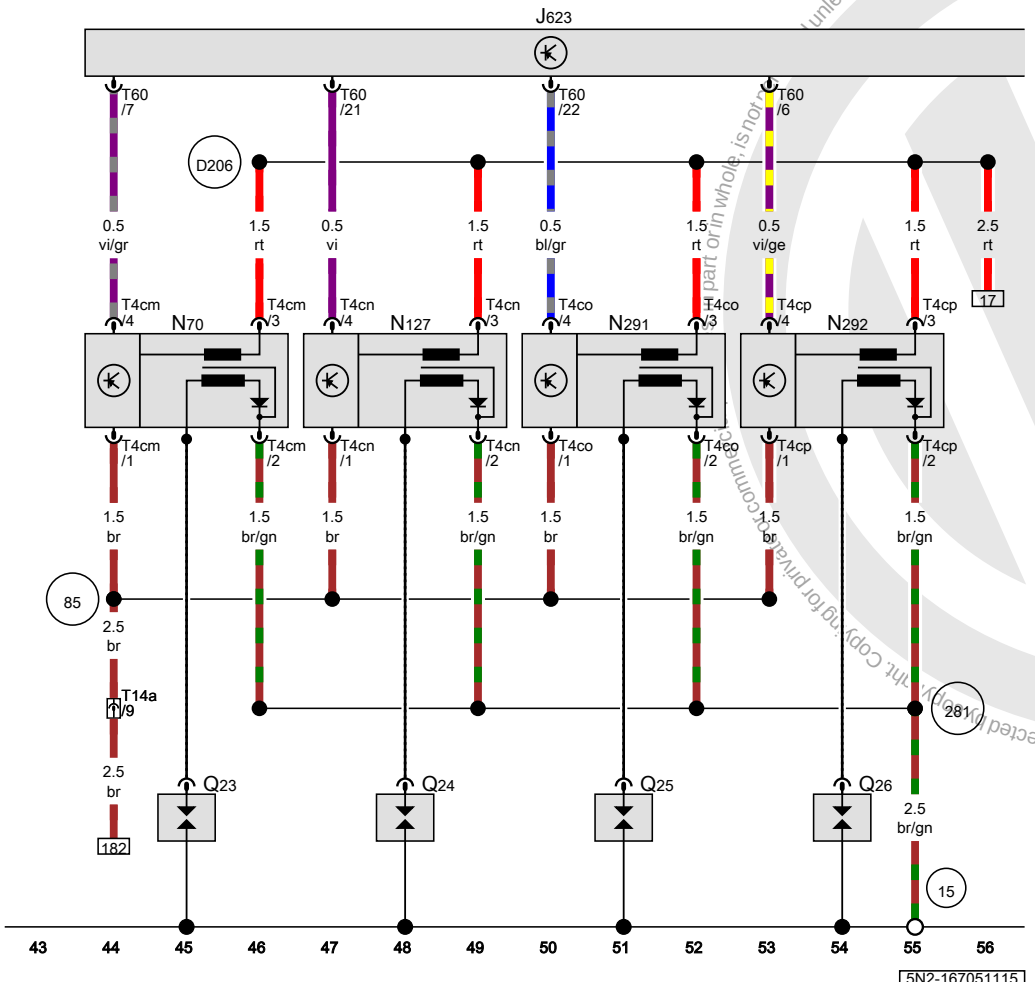
Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay, Fuse holder C

J519	Onboard supply control unit
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
T7	7-pin connector
T7b	7-pin connector
T52b	52-pin connector
A41	Positive connection (50), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness

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ge	=	yellow
or	=	orange
rs	=	pink

Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness

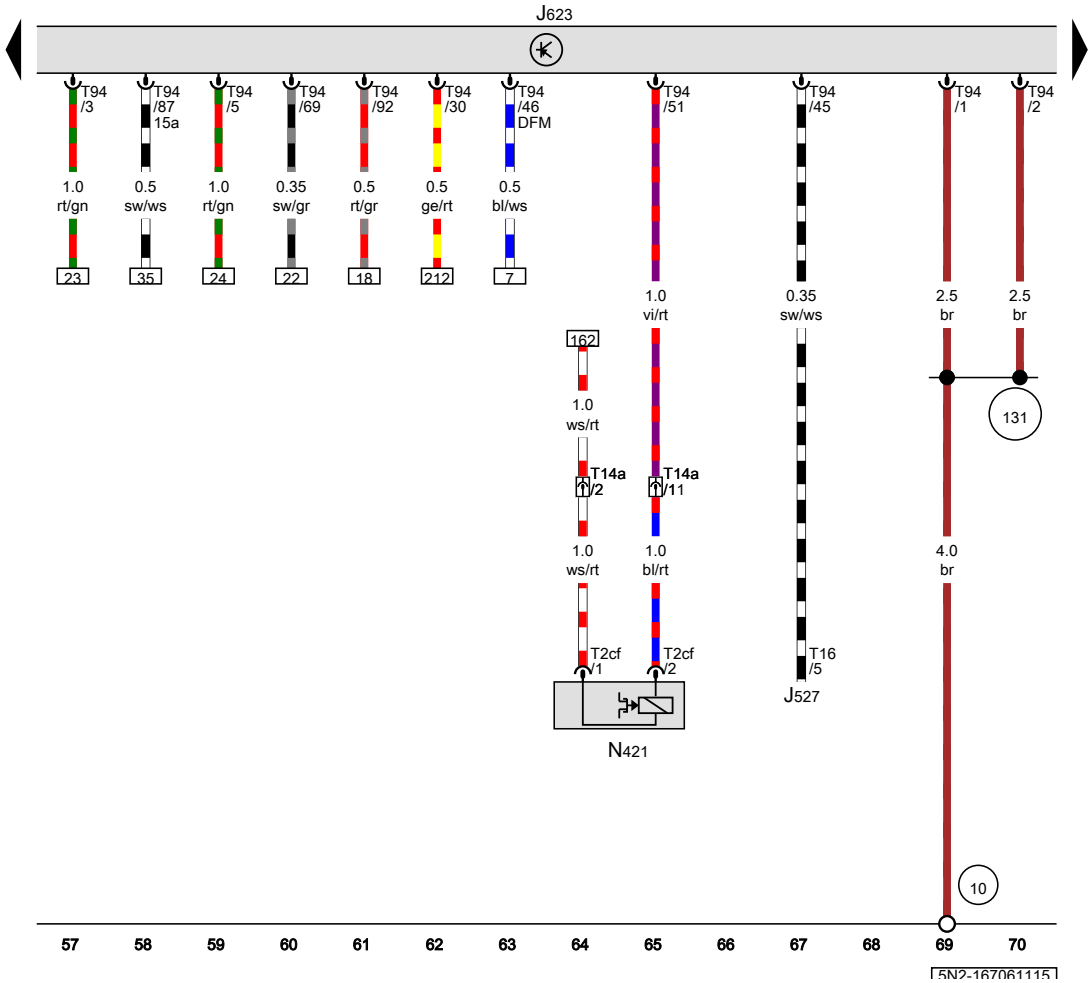


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Engine control unit, Magnetic clutch for supercharger

J527	Steering column electronics control unit
J623	Engine control unit
N421	Magnetic clutch for supercharger
T2cf	2-pin connector
T14a	14-pin connector
T16	16-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness

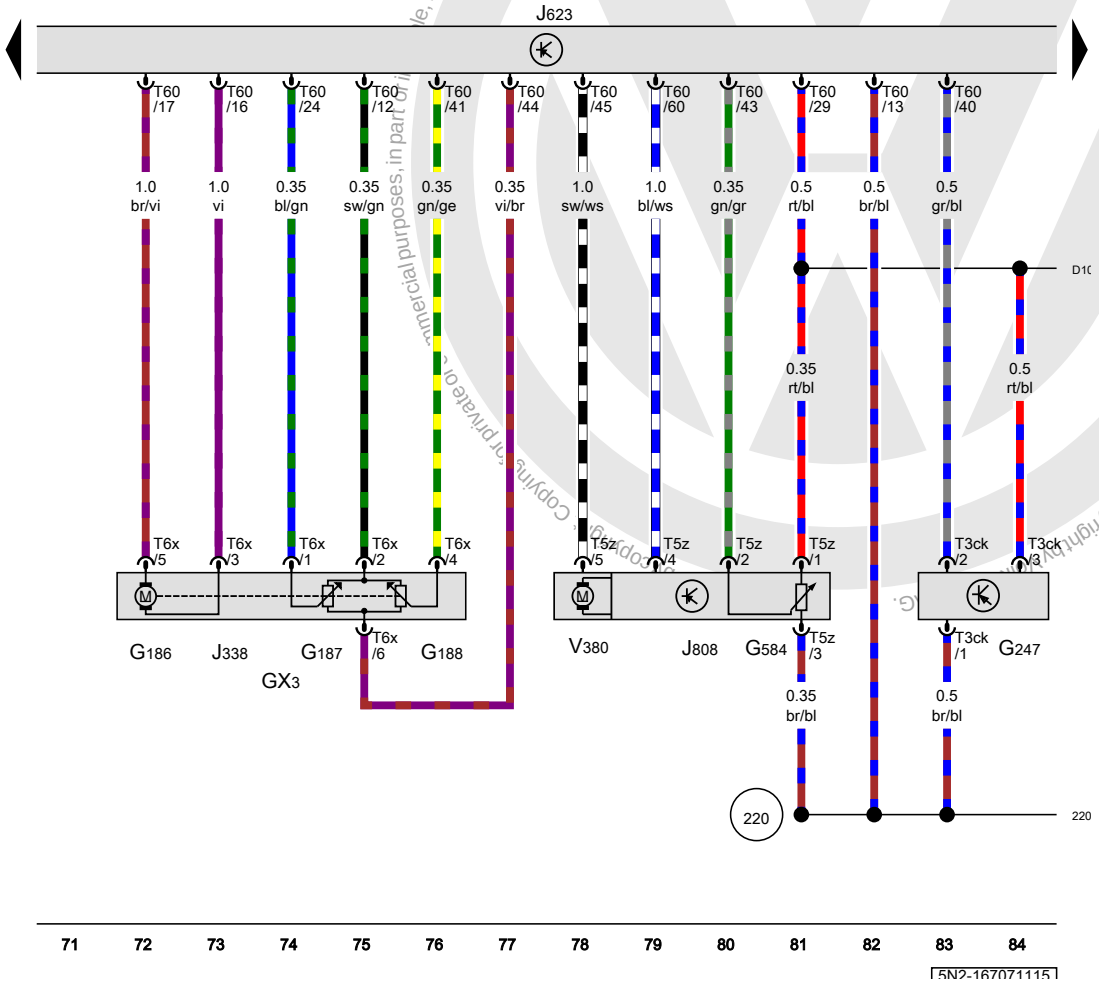


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Throttle valve module, Fuel pressure sender, Throttle valve module, Engine control unit, Regulating flap control unit

GX3	Throttle valve module
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
G584	Regulating flap potentiometer
J338	Throttle valve module
J623	Engine control unit
J808	Regulating flap control unit
T3ck	3-pin connector
T5z	5-pin connector
T6x	6-pin connector
T60	60-pin connector
V380	Regulating flap position control motor
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

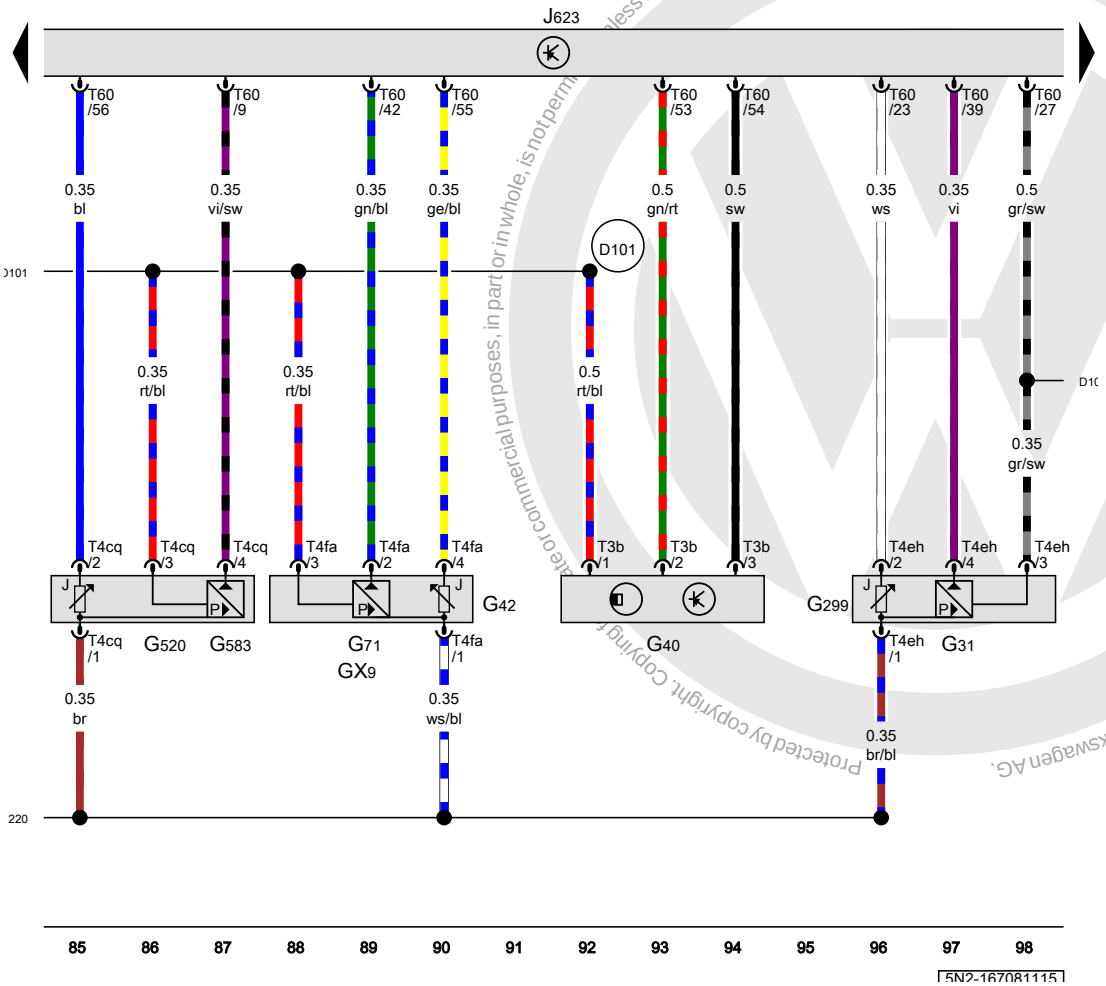


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Intake manifold sender, Charge pressure sender, Intake manifold pressure sender 3, Engine control unit

GX9	Intake manifold sender
G31	Charge pressure sender
G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G299	Intake air temperature sender 2
G520	Intake air temperature sender 3
G583	Intake manifold pressure sender 3
J623	Engine control unit
T3b	3-pin connector
T4cq	4-pin connector
T4eh	4-pin connector
T4fa	4-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness
*	According to equipment



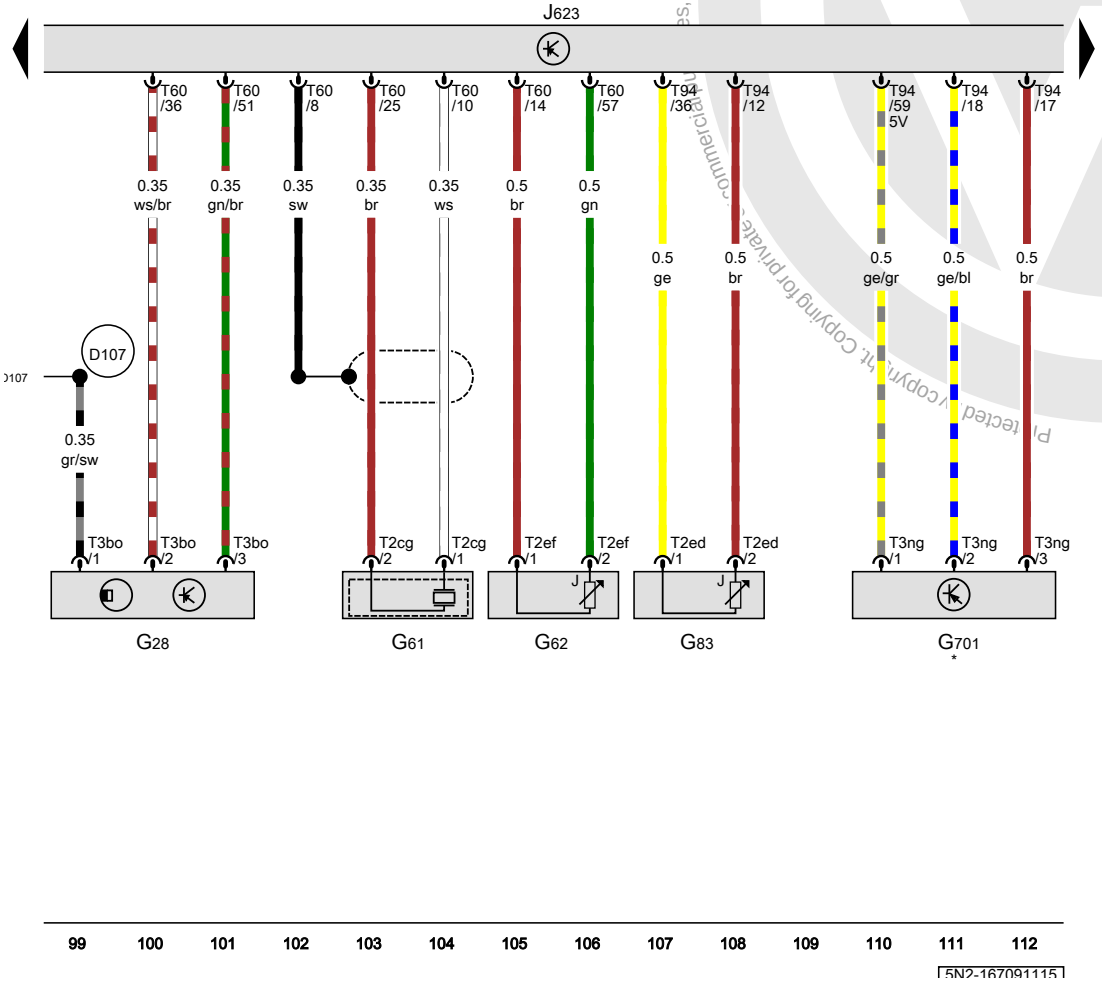
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Engine speed sender, Knock sensor 1, Coolant temperature sender, Radiator outlet coolant temperature sender, Engine control unit

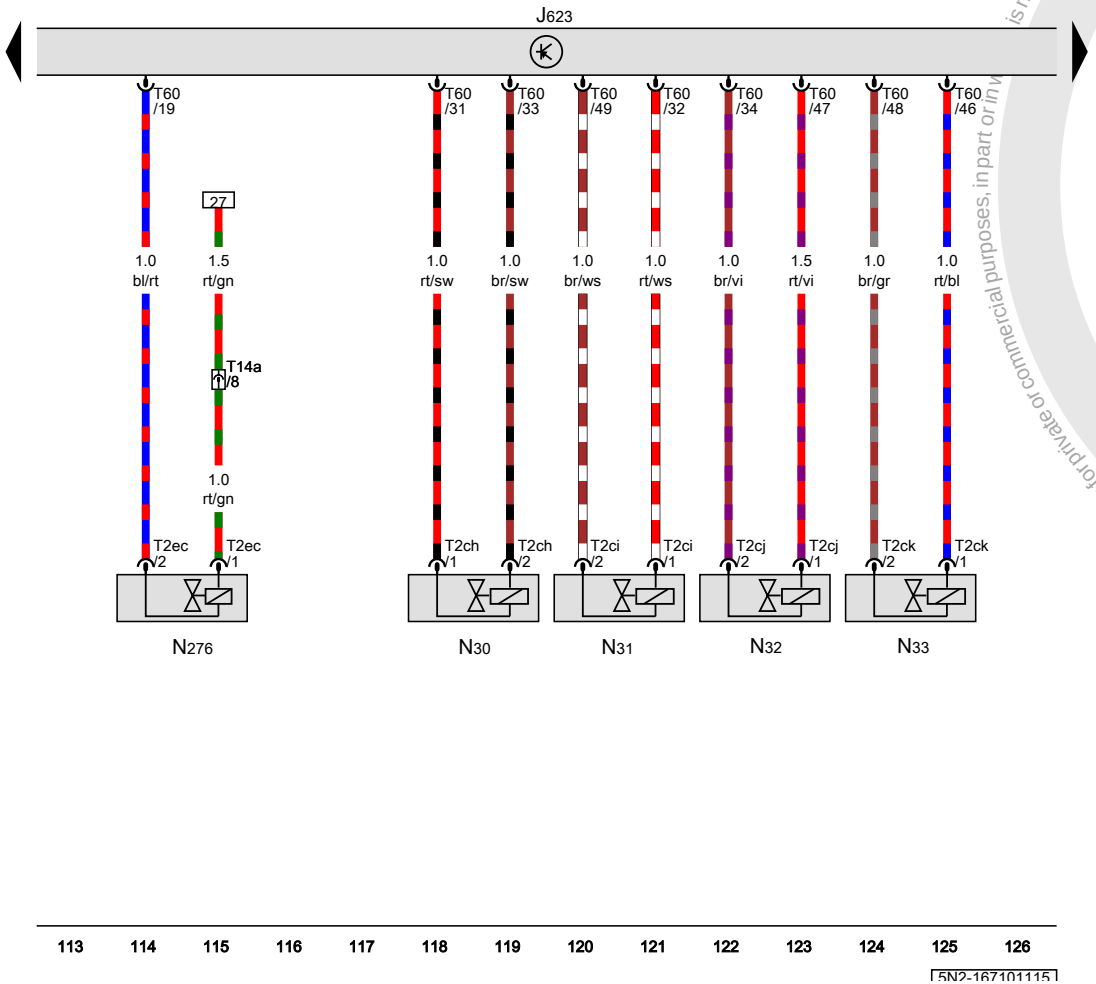
G28	Engine speed sender
G61	Knock sensor 1
G62	Coolant temperature sender
G83	Radiator outlet coolant temperature sender
G701	Gearbox neutral position sender
J623	Engine control unit
T2cg	2-pin connector
T2ed	2-pin connector
T2ef	2-pin connector
T3bo	3-pin connector
T3ng	3-pin connector
T60	60-pin connector
T94	94-pin connector
D107	Connection 5 in engine compartment wiring harness
*	According to equipment



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Fuel pressure regulating valve

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N276	Fuel pressure regulating valve
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T2ec	2-pin connector
T14a	14-pin connector
T60	60-pin connector



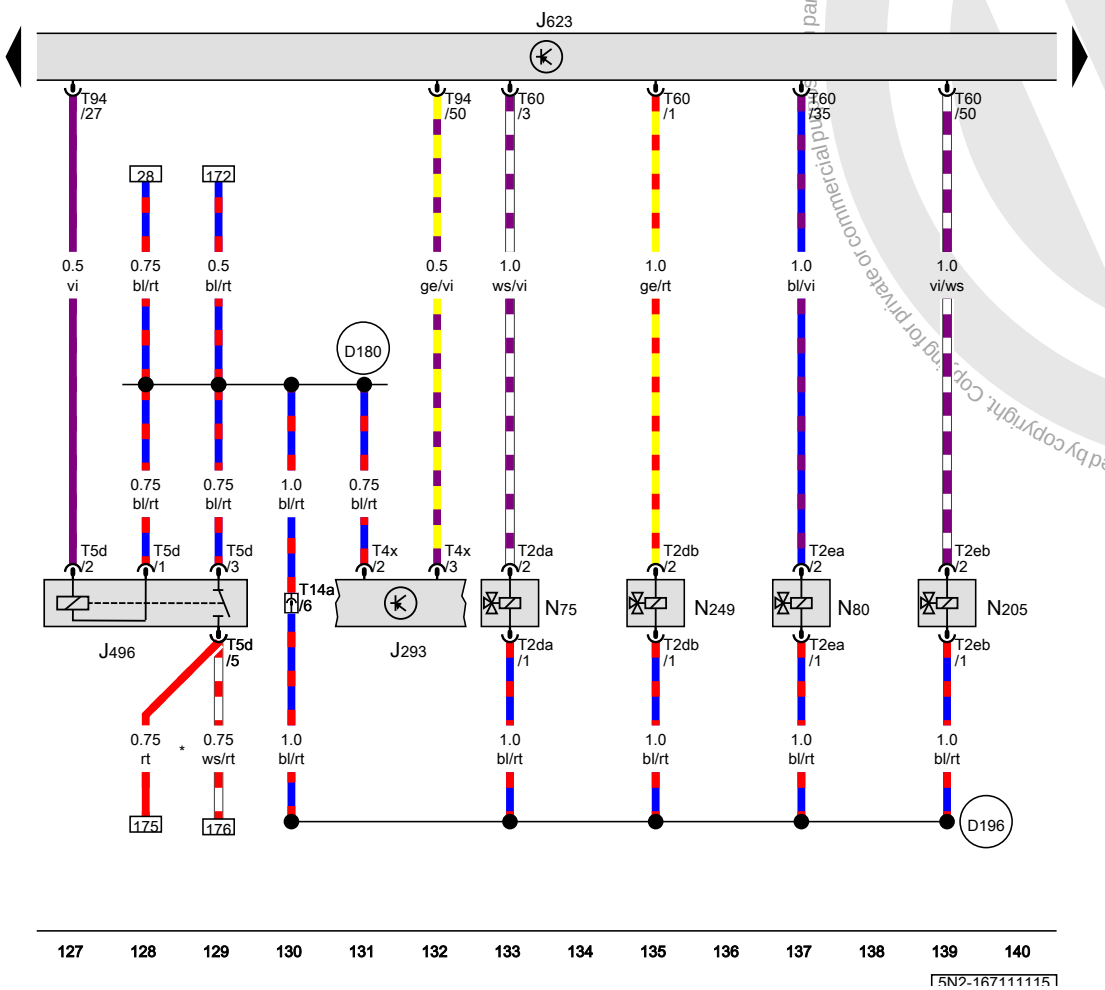
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Radiator fan control unit, Additional coolant pump relay, Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve

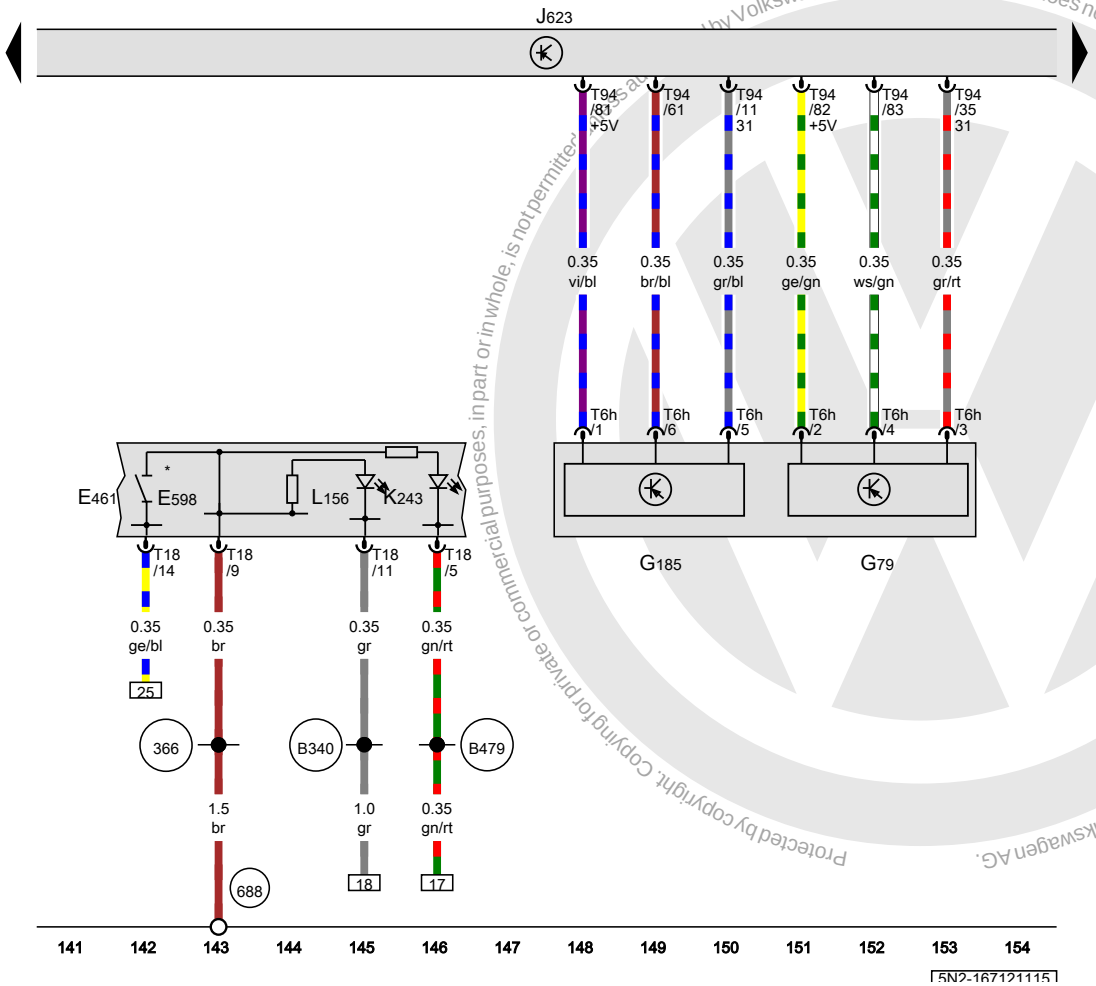
J293	Radiator fan control unit
J496	Additional coolant pump relay
J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
T2da	2-pin connector
T2db	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T4x	4-pin connector
T5d	5-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Operating unit in front of centre console, Driving program button, Accelerator position sender, Accelerator position sender 2, Engine control unit

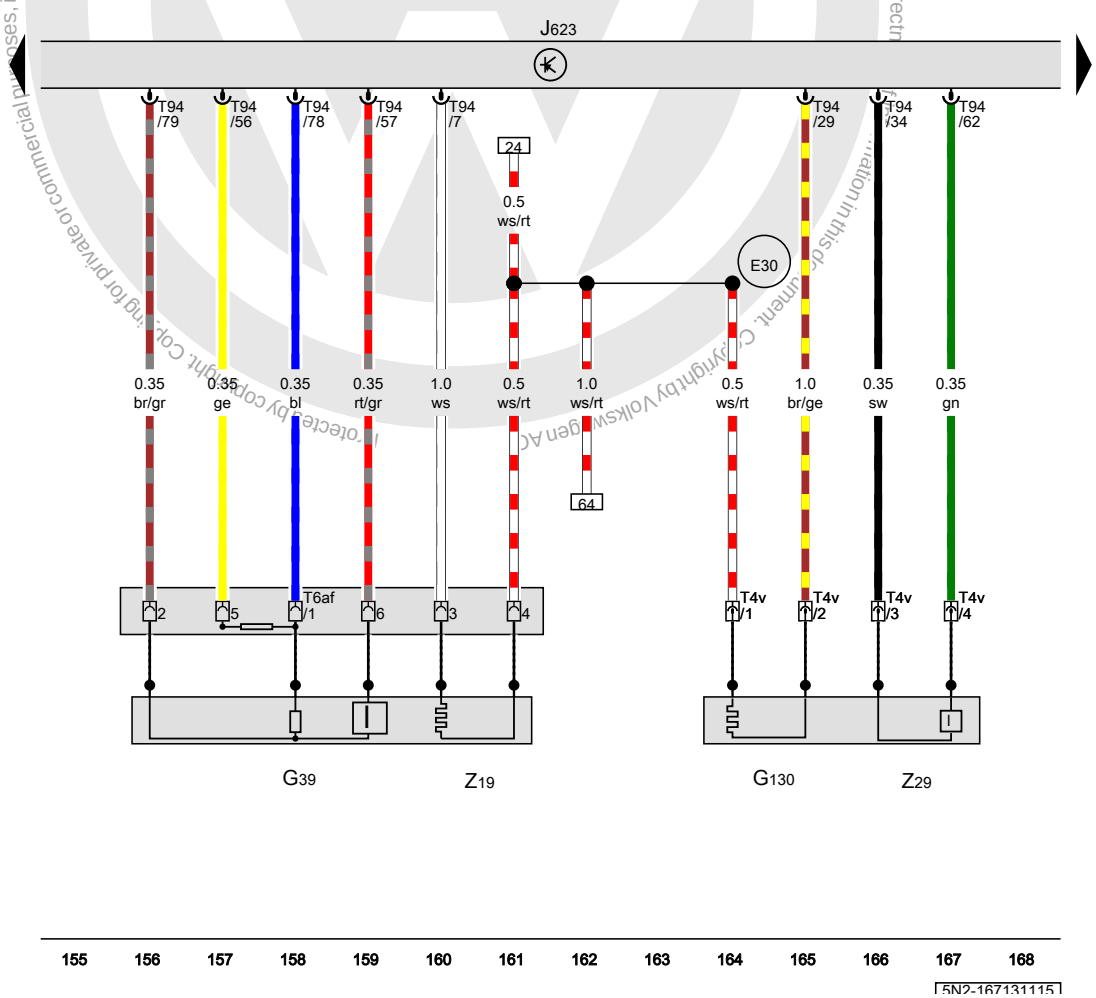
E461	Operating unit in front of centre console
E598	Driving program button
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
K243	Driving program warning light
L156	Switch illumination bulb
T6h	6-pin connector
T18	18-pin connector
T94	94-pin connector
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
B479	Connection 15, in main wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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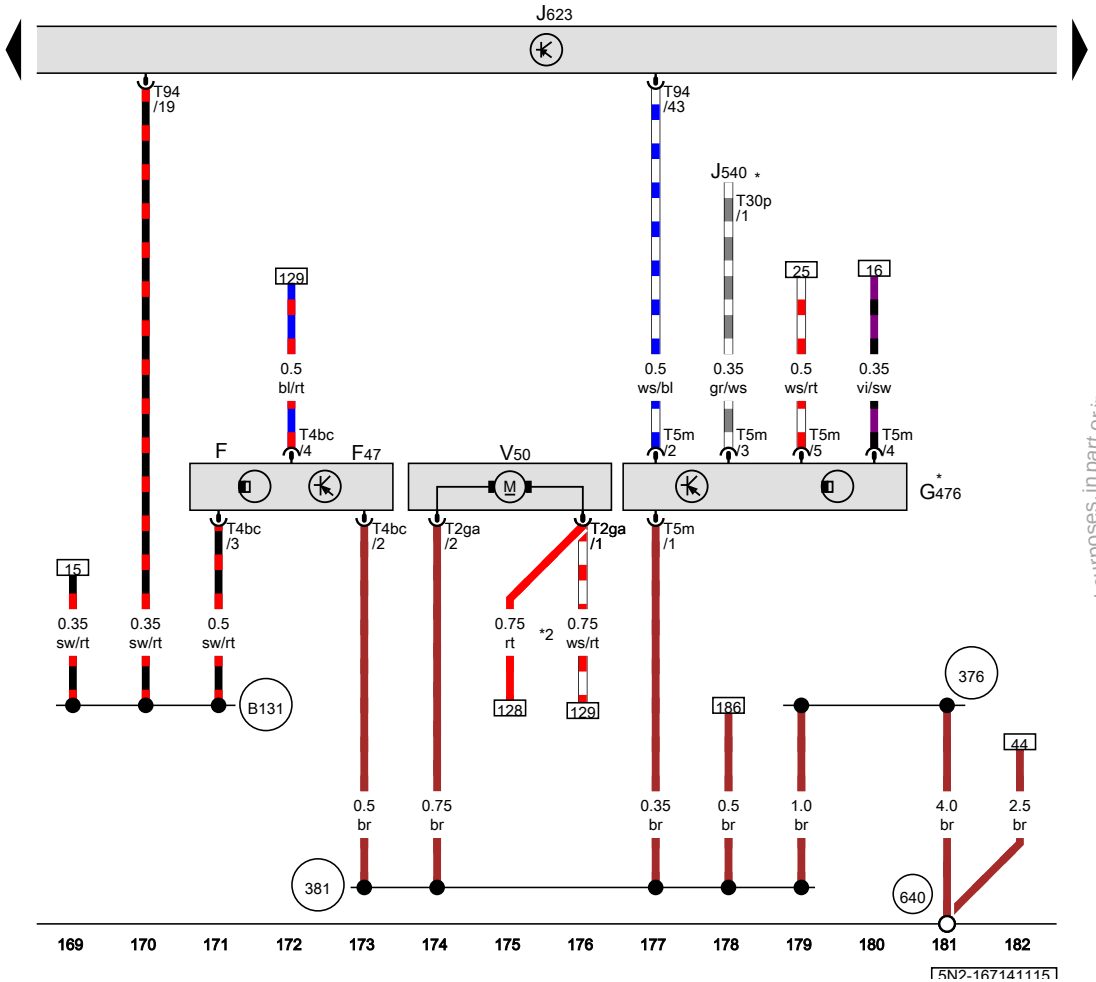


Lambda probe, Lambda probe after catalytic converter, Engine control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4v	4-pin connector
T6af	6-pin connector
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
E30	Connection (87a), in engine wiring harness

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sw	=	black
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Brake light switch, Clutch position sender, Engine control unit, Coolant circulation pump



F Brake light switch
F47 Brake pedal switch
G476 Clutch position sender
J540 Control unit for electromechanical parking brake
J623 Engine control unit
T2ga 2-pin connector
T4bc 4-pin connector
T5m 5-pin connector
T30p 30-pin connector
T94 94-pin connector
V50 Coolant circulation pump

376 Earth connection 11, in main wiring harness

381 Earth connection 16, in main wiring harness

640 Earth point 2, left in engine compartment

B131 Connection (54), in interior wiring harness

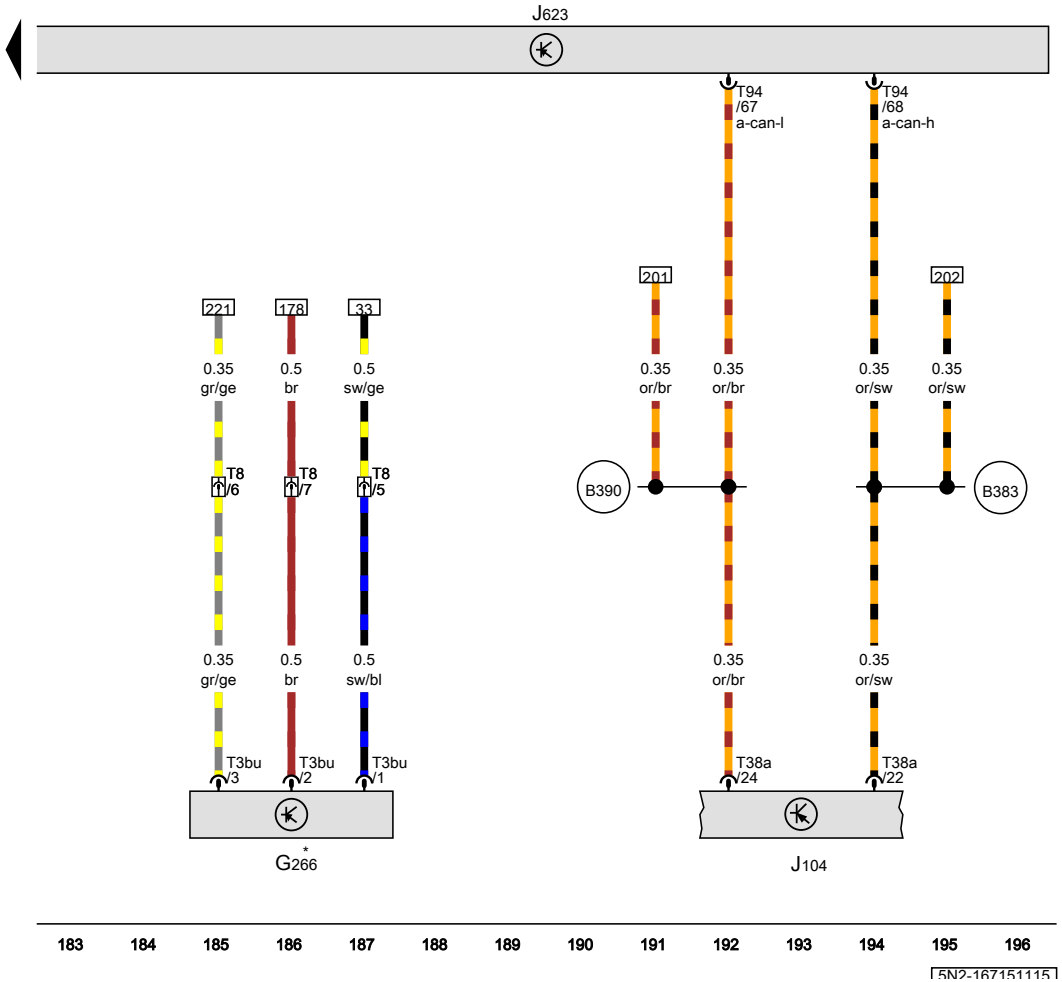
* Only models with manual gearbox
*2 According to equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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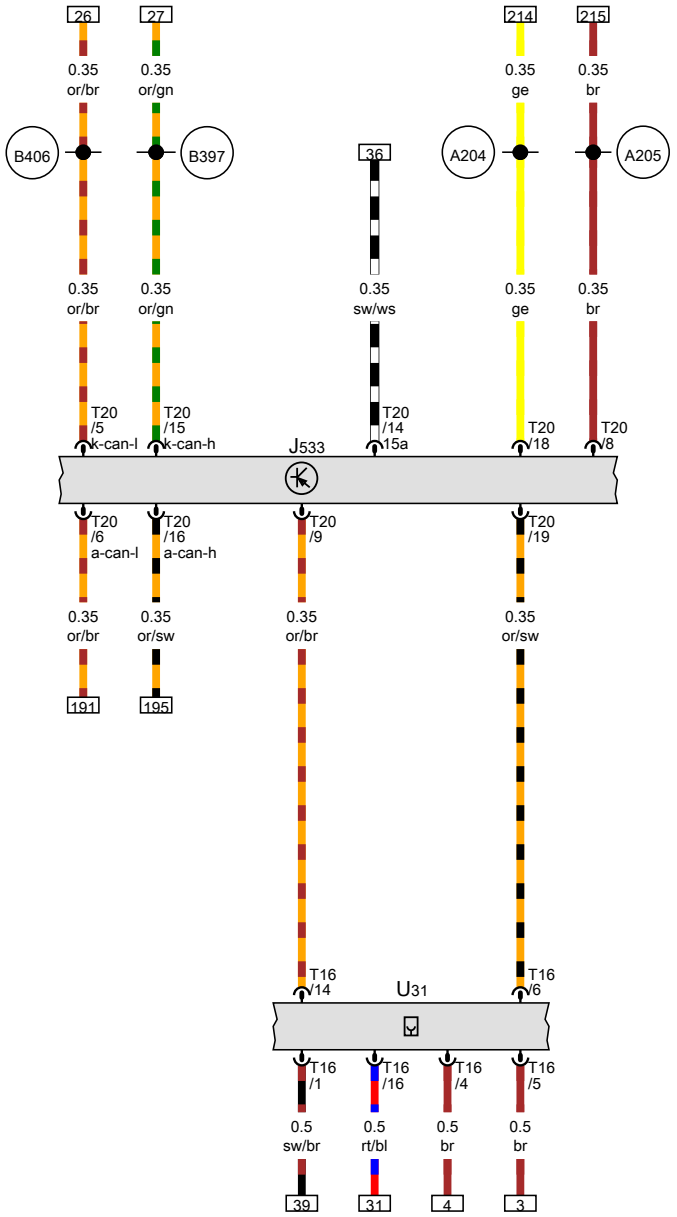
Oil level and oil temperature sender, Engine control unit

G266	Oil level and oil temperature sender
J104	ABS control unit
J623	Engine control unit
T3bu	3-pin connector
T8	8-pin connector
T38a	38-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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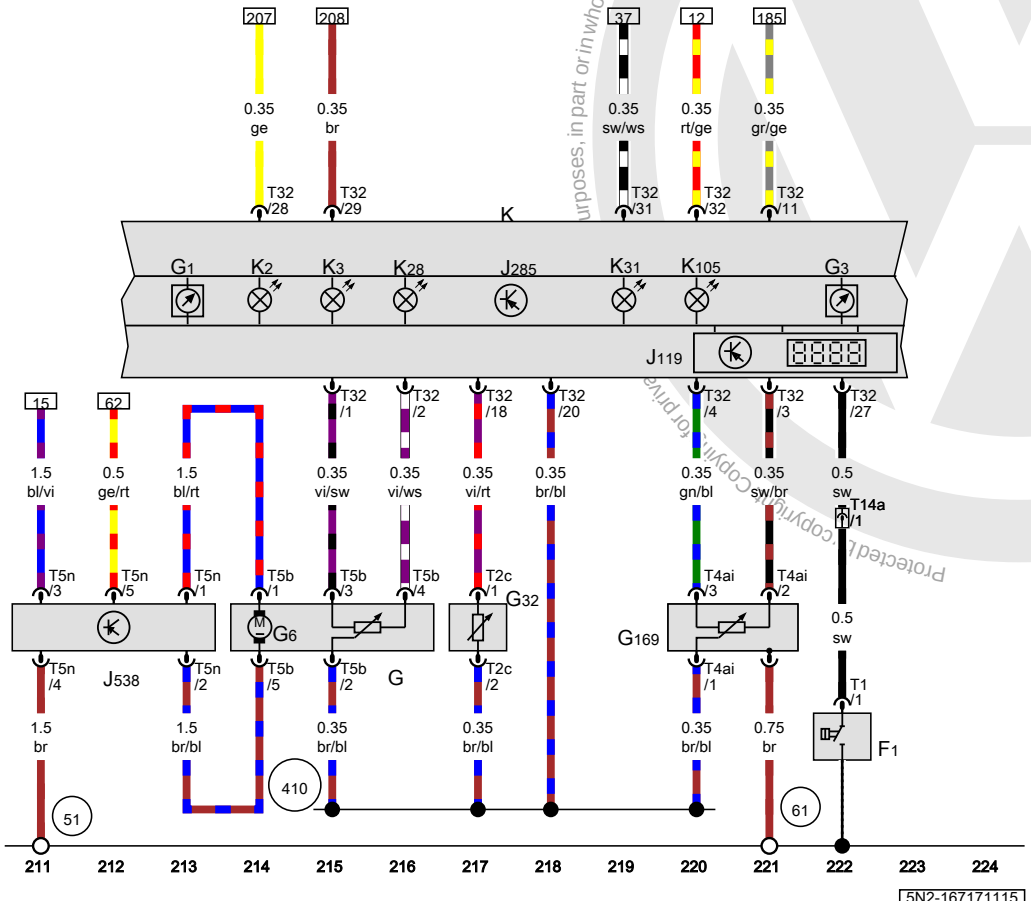
Data bus diagnostic interface, Diagnostic connection

J533	Data bus diagnostic interface
T16	16-pin connector
T20	20-pin connector
U31	Diagnostic connection
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert



F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T1	Single connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

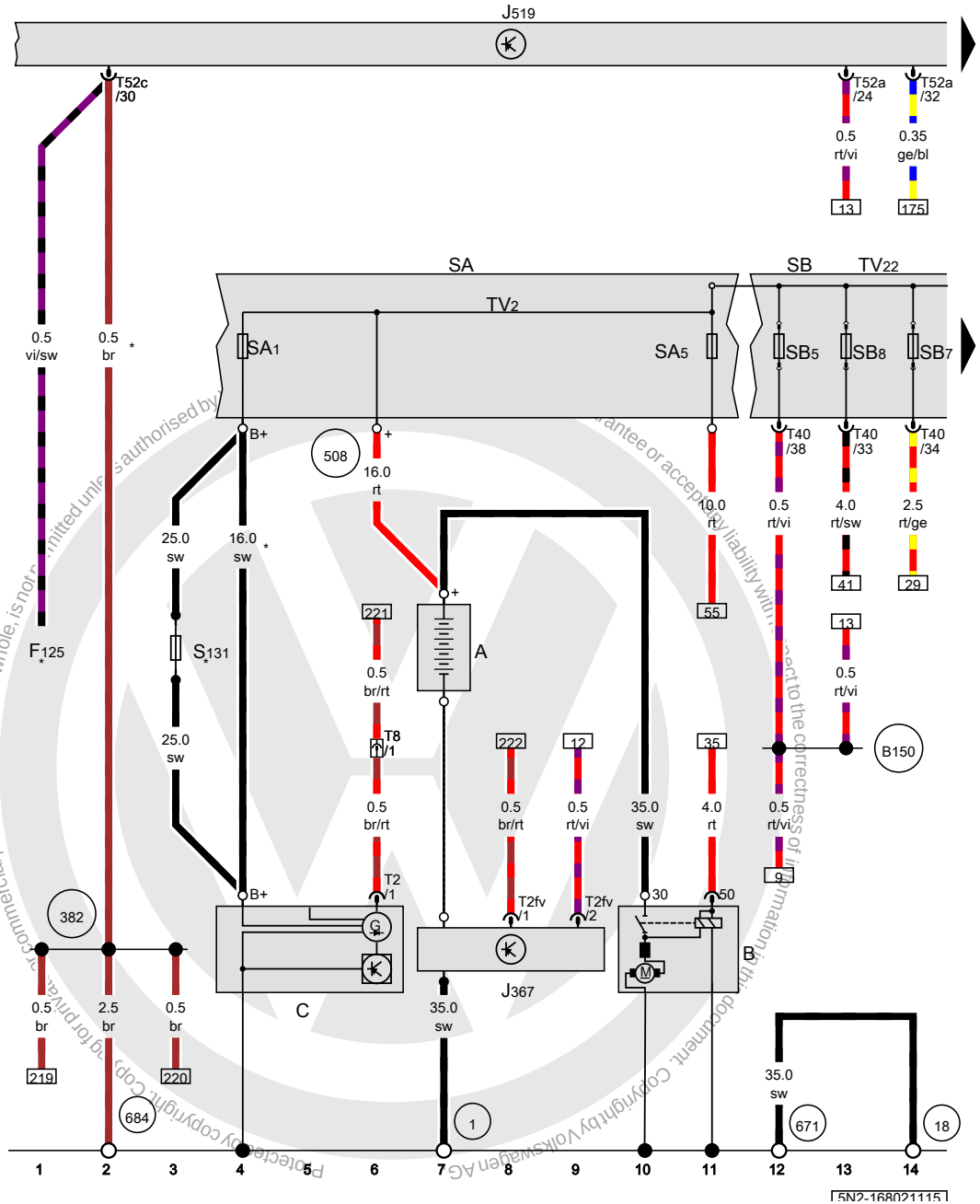
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1.4l petrol engine with start/stop system , CTHA,CTHD

From May 2013

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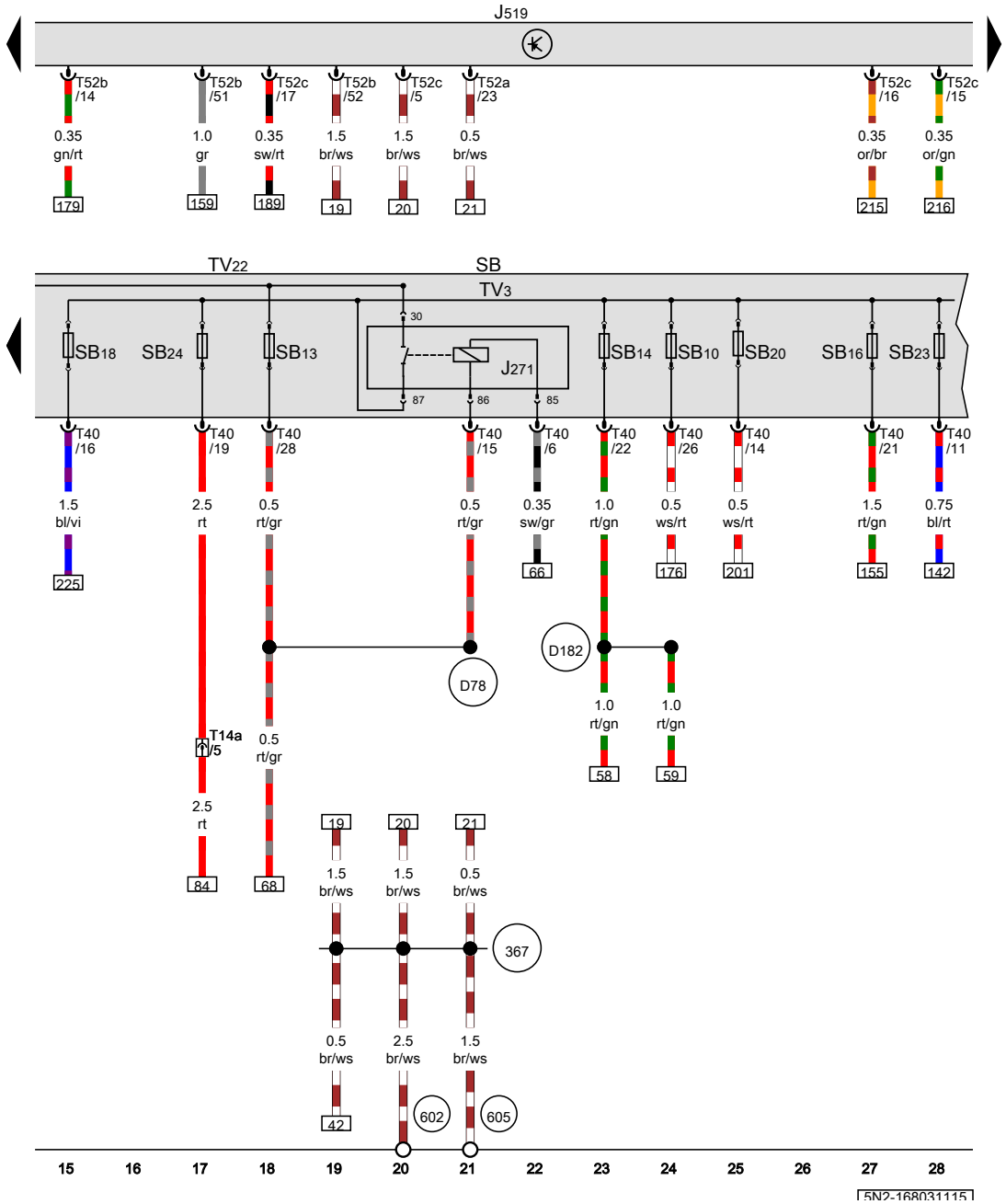
Battery, Starter, Alternator, Battery monitor control unit, Onboard supply control unit, Fuse holder A, Fuse holder B



A	Battery
B	Starter
C	Alternator
F125	Multifunction switch
J367	Battery monitor control unit
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB5	Fuse 5 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
S131	Fuse 1
T2	2-pin connector
T2fv	2-pin connector
T8	8-pin connector
T40	40-pin connector
T52a	52-pin connector
T52c	52-pin connector
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
B150	Positive connection 2 (30a), in interior wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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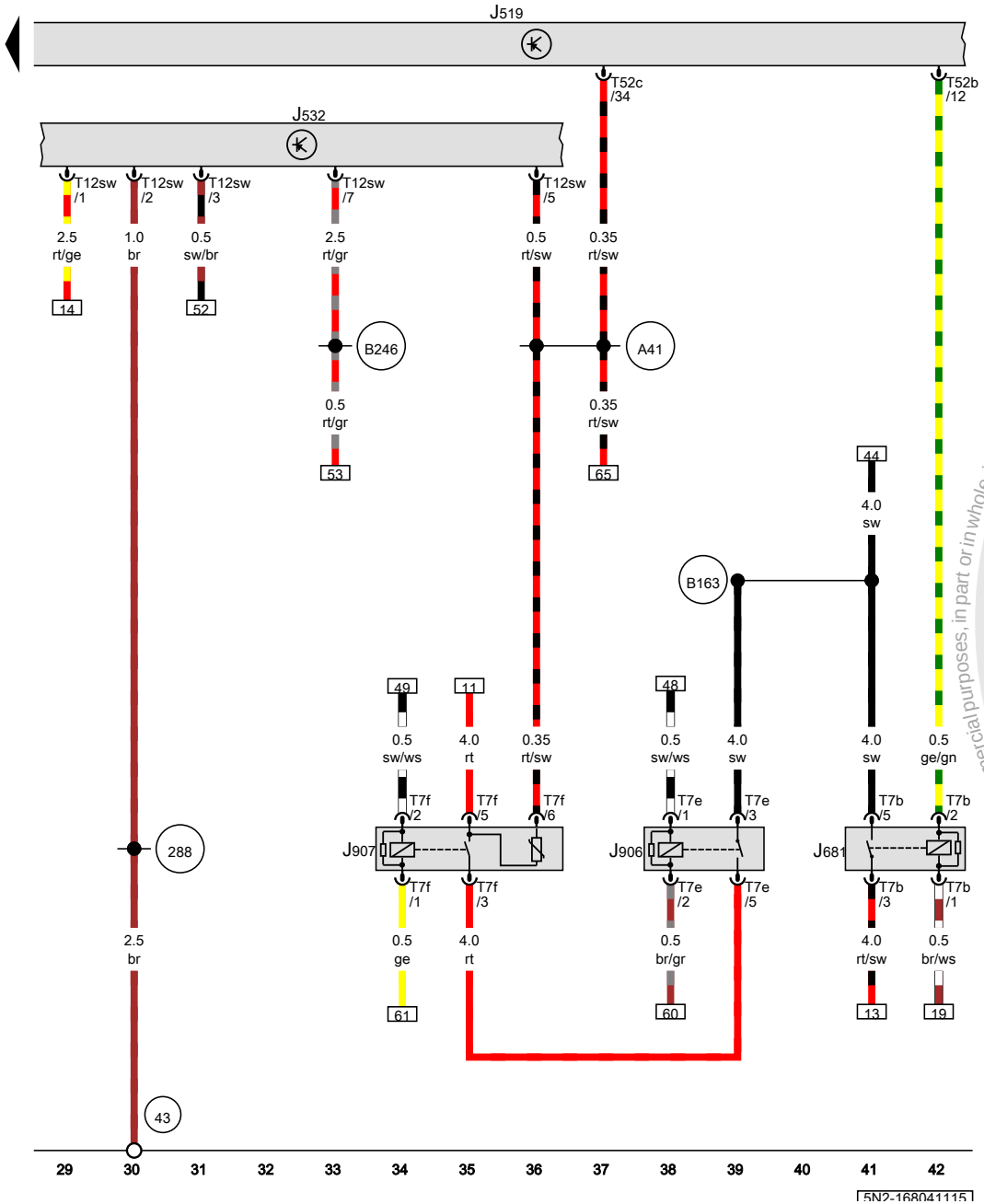
Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T14a	14-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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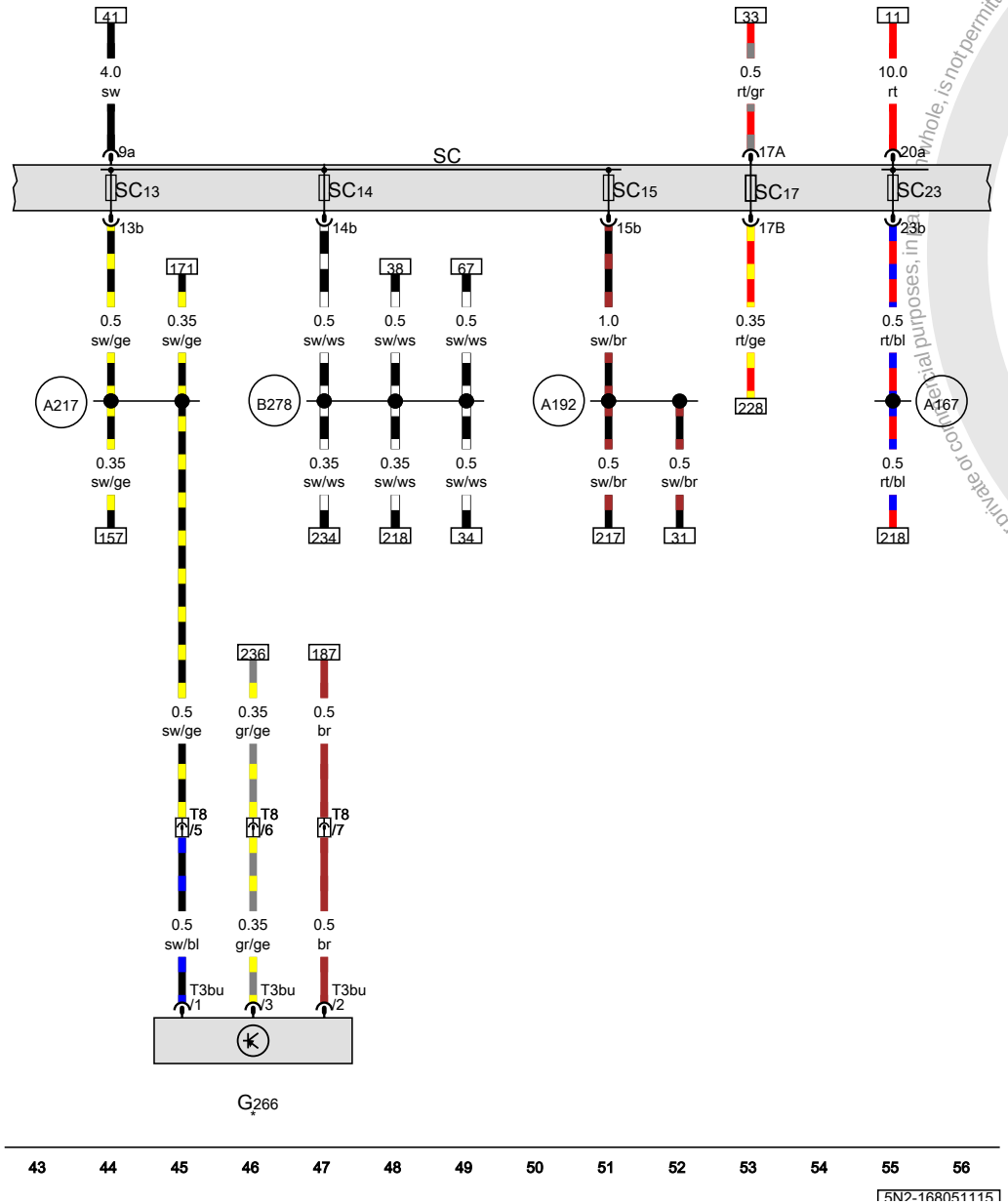
Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2



J519	Onboard supply control unit
J532	Voltage stabiliser
J681	Terminal 15 voltage supply relay 2
J906	Starter relay 1
J907	Starter relay 2
T7b	7-pin connector
T7e	7-pin connector
T7f	7-pin connector
T12sw	12-pin connector
T52b	52-pin connector
T52c	52-pin connector
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
A41	Positive connection (50), in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B246	Positive connection (30a, stabilised), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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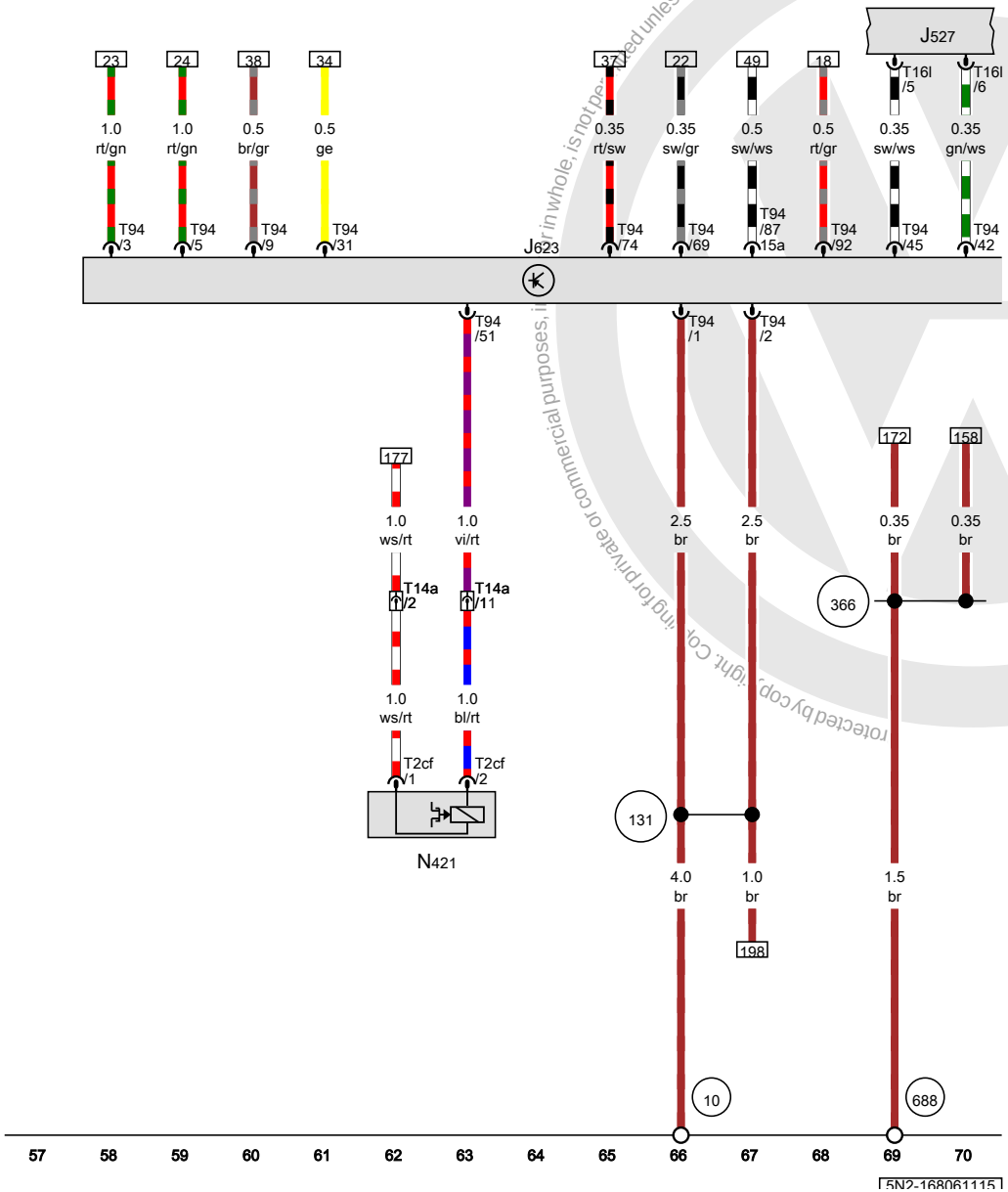


Oil level and oil temperature sender, Fuse holder C

G266	Oil level and oil temperature sender
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC17	Fuse 17 on fuse holder C
SC23	Fuse 23 on fuse holder C
T3bu	3-pin connector
T8	8-pin connector
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Engine control unit, Magnetic clutch for supercharger

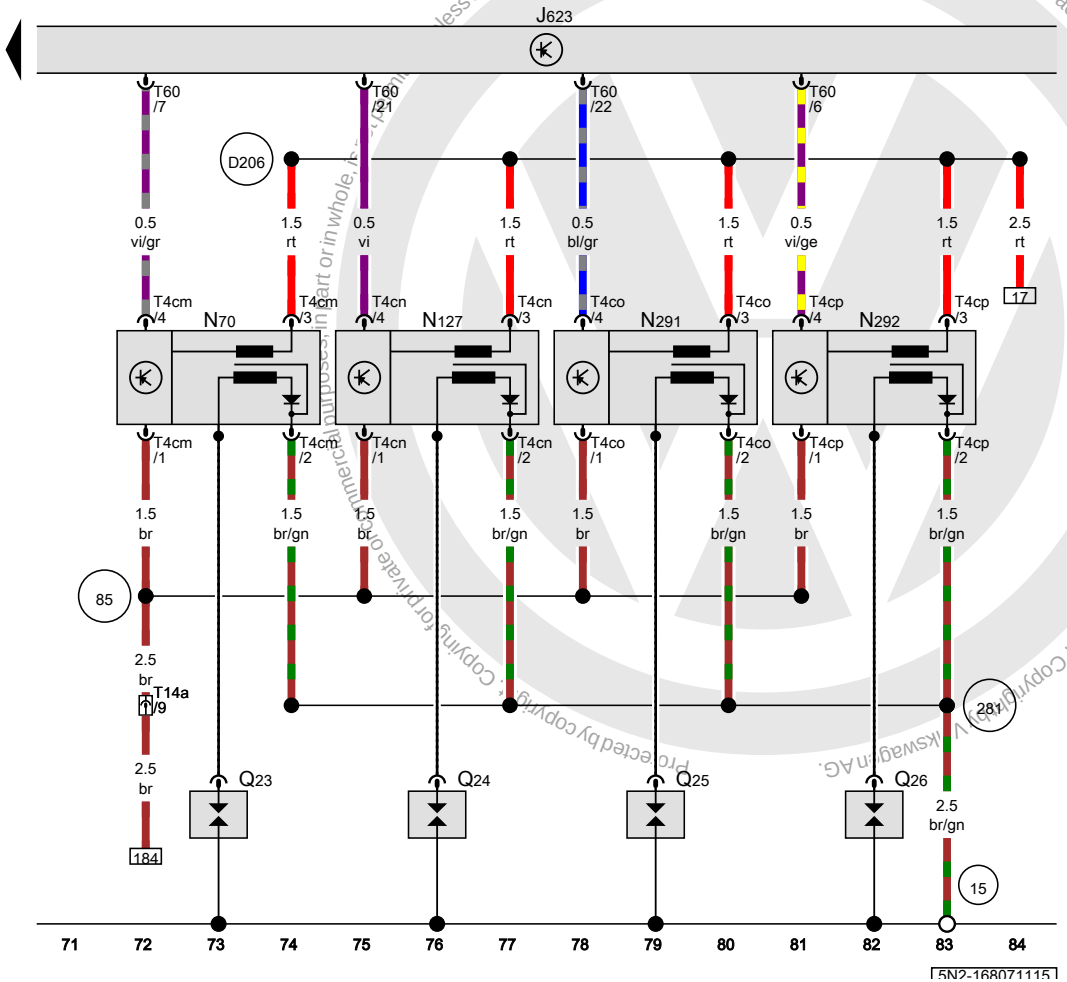
J527	Steering column electronics control unit
J623	Engine control unit
N421	Magnetic clutch for supercharger
T2cf	2-pin connector
T14a	14-pin connector
T16l	16-pin connector
T94	94-pin connector
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T14a	14-pin connector
T60	60-pin connector
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness

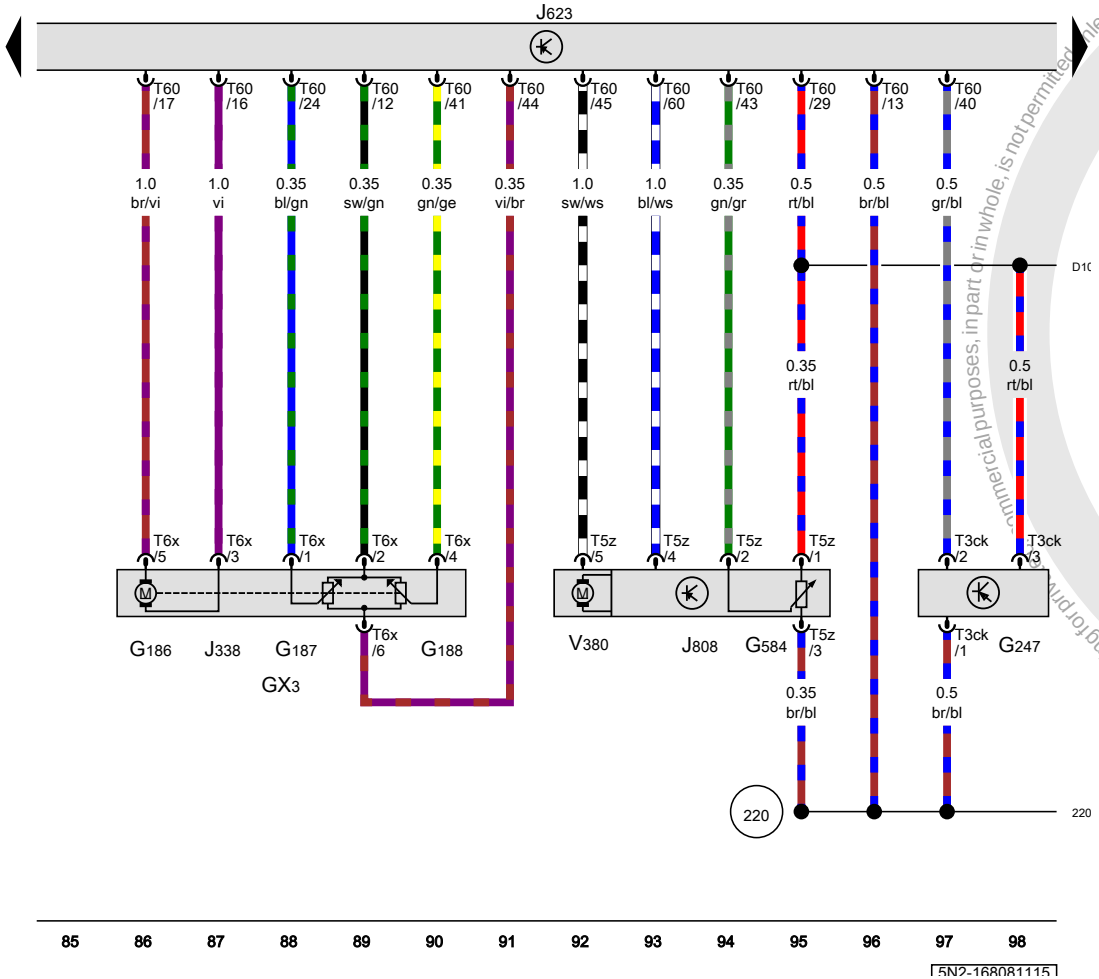


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Throttle valve module, Fuel pressure sender, Engine control unit, Regulating flap control unit

GX3	Throttle valve module
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
G584	Regulating flap potentiometer
J338	Throttle valve module
J623	Engine control unit
J808	Regulating flap control unit
T3ck	3-pin connector
T5z	5-pin connector
T6x	6-pin connector
T60	60-pin connector
V380	Regulating flap position control motor
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness

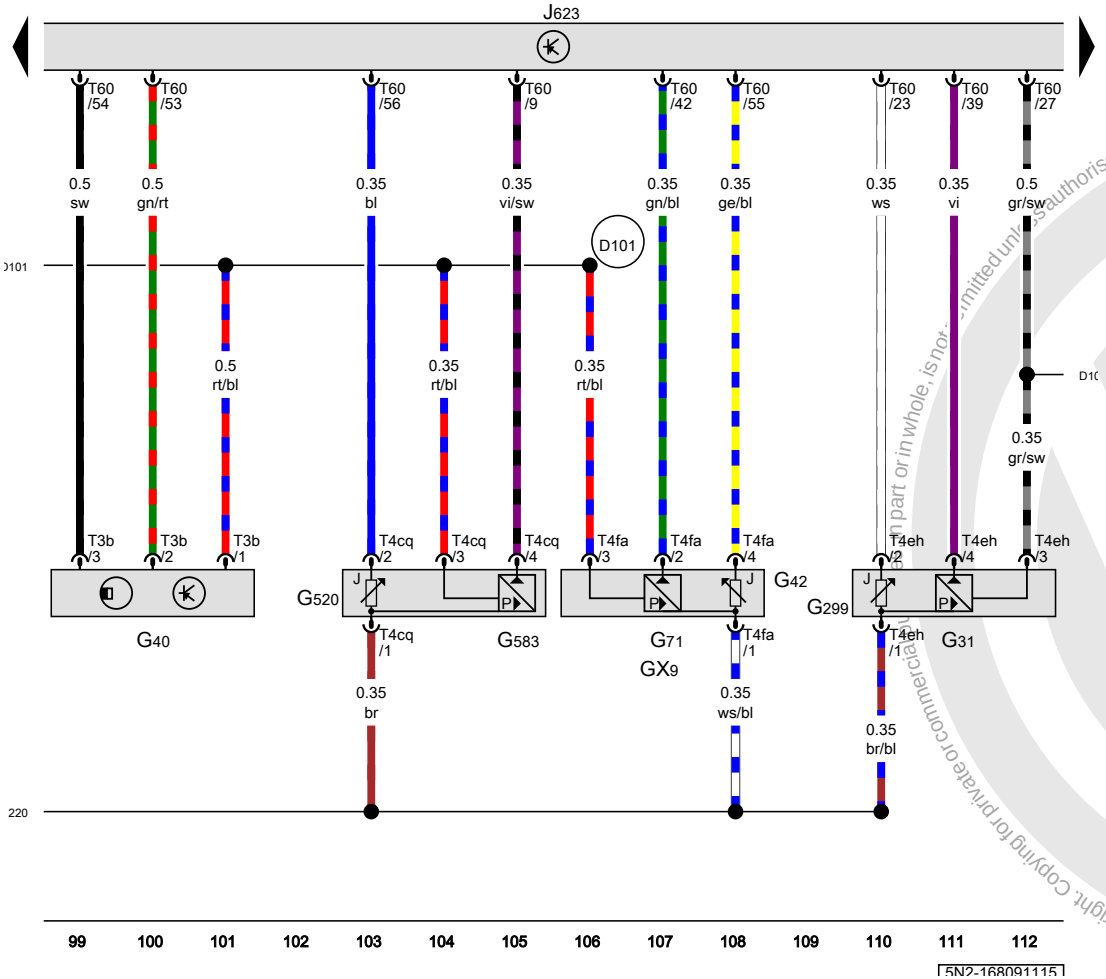


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Intake manifold sender, Charge pressure sender, Intake manifold pressure sender 3, Engine control unit

GX9	Intake manifold sender
G31	Charge pressure sender
G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G299	Intake air temperature sender 2
G520	Intake air temperature sender 3
G583	Intake manifold pressure sender 3
J623	Engine control unit
T3b	3-pin connector
T4cq	4-pin connector
T4eh	4-pin connector
T4fa	4-pin connector
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D101	Connection 1 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

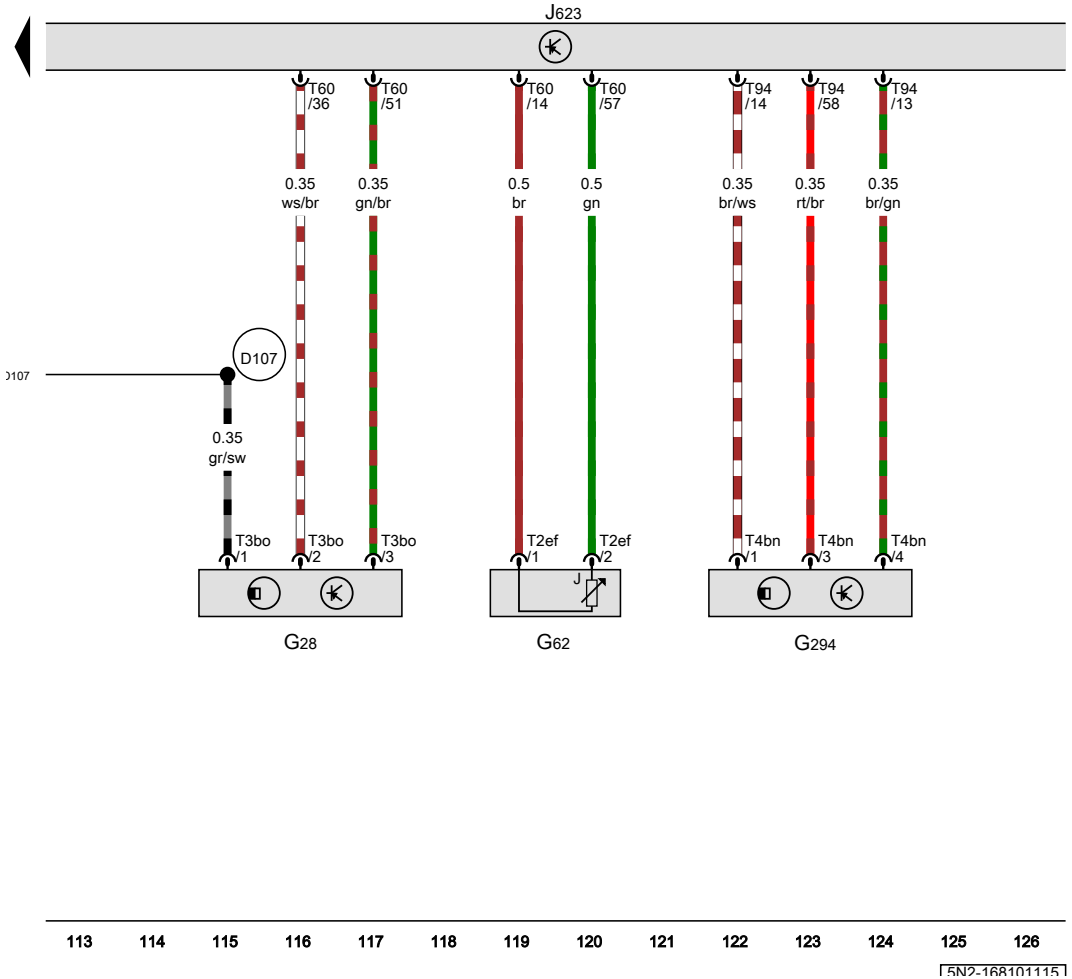


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Engine speed sender, Coolant temperature sender, Brake servo pressure sensor, Engine control unit

G28	Engine speed sender
G62	Coolant temperature sender
G294	Brake servo pressure sensor
J623	Engine control unit
T2ef	2-pin connector
T3bo	3-pin connector
T4bn	4-pin connector
T60	60-pin connector
T94	94-pin connector
D107	Connection 5 in engine compartment wiring harness

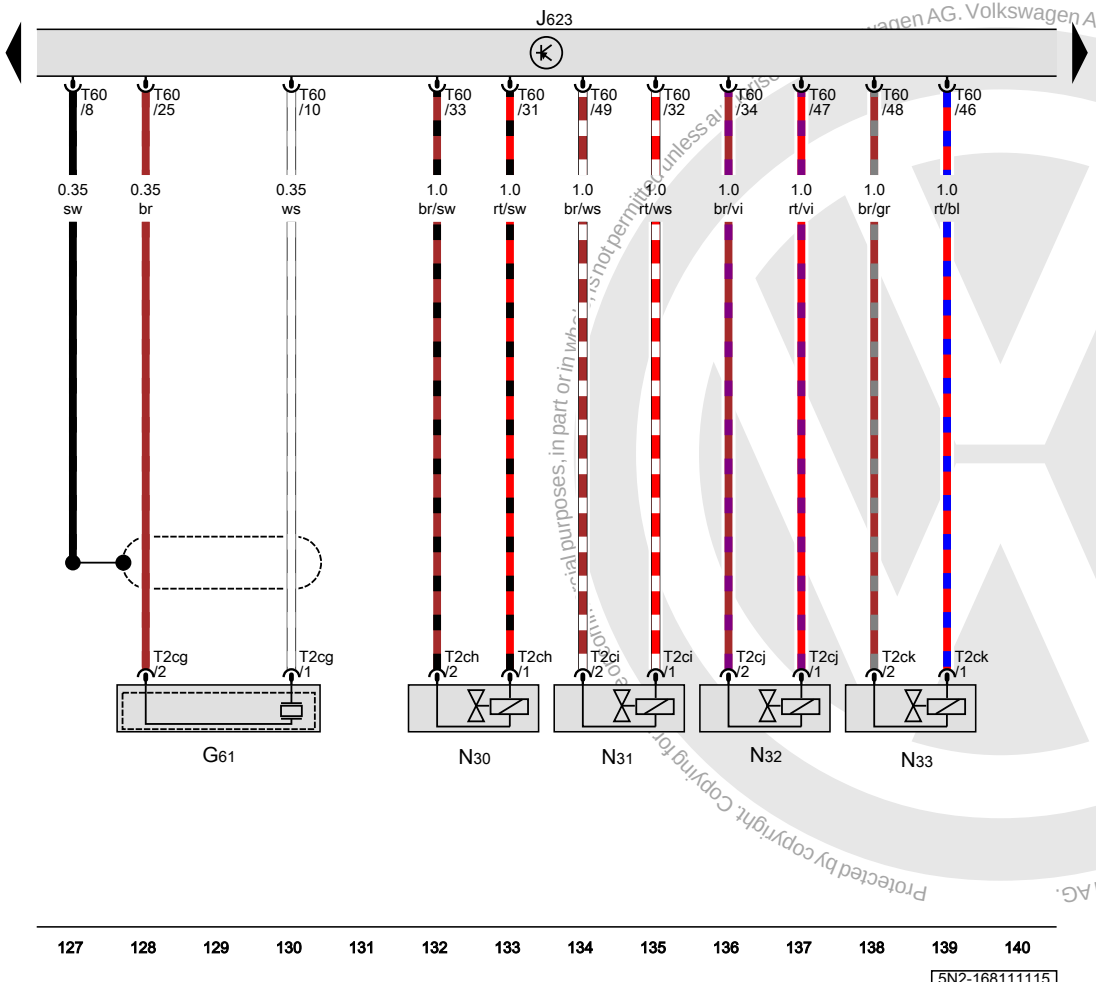


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Knock sensor 1, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

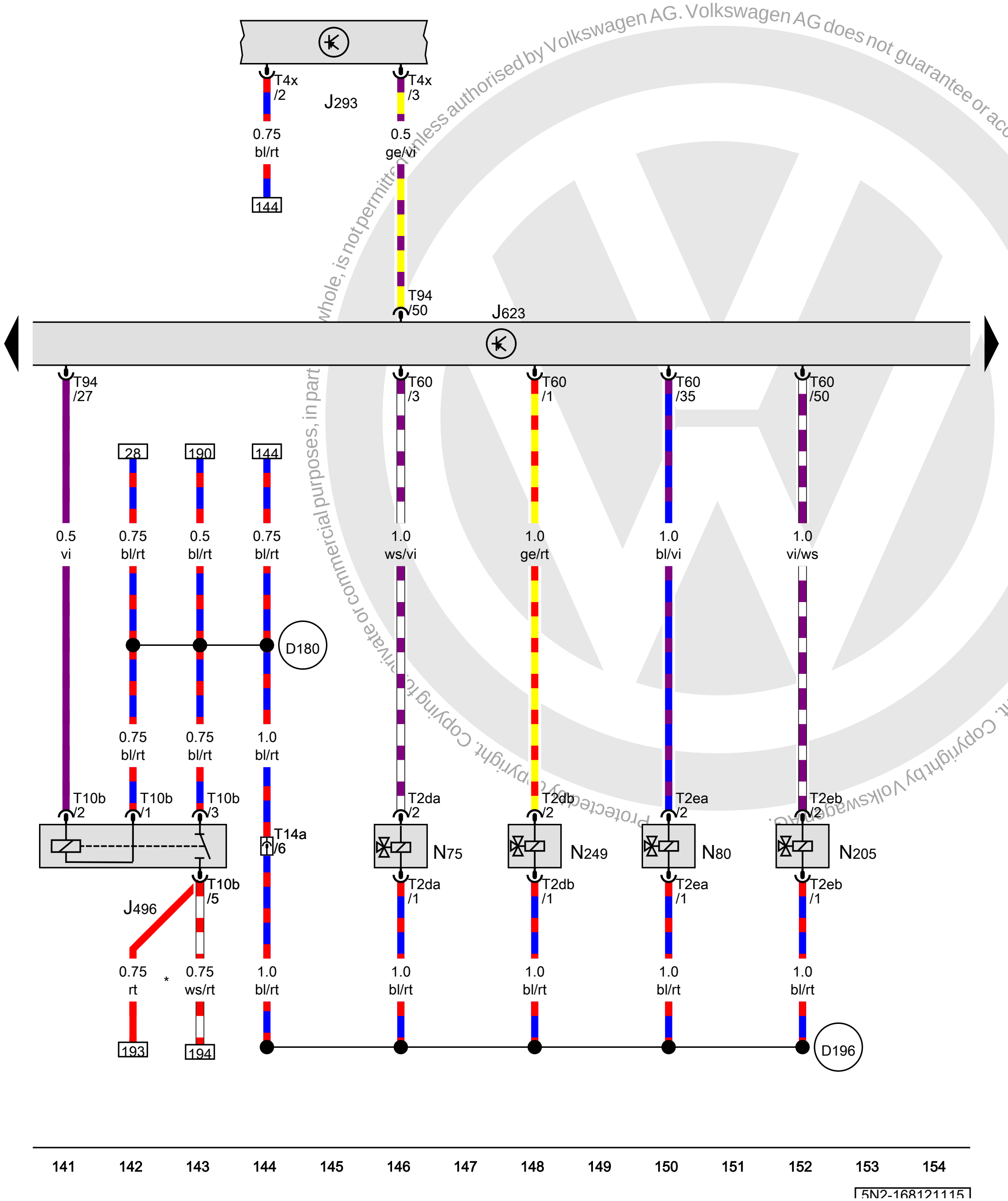
G61	Knock sensor 1
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2cg	2-pin connector
T2ch	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T60	60-pin connector



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
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rs	=	pink

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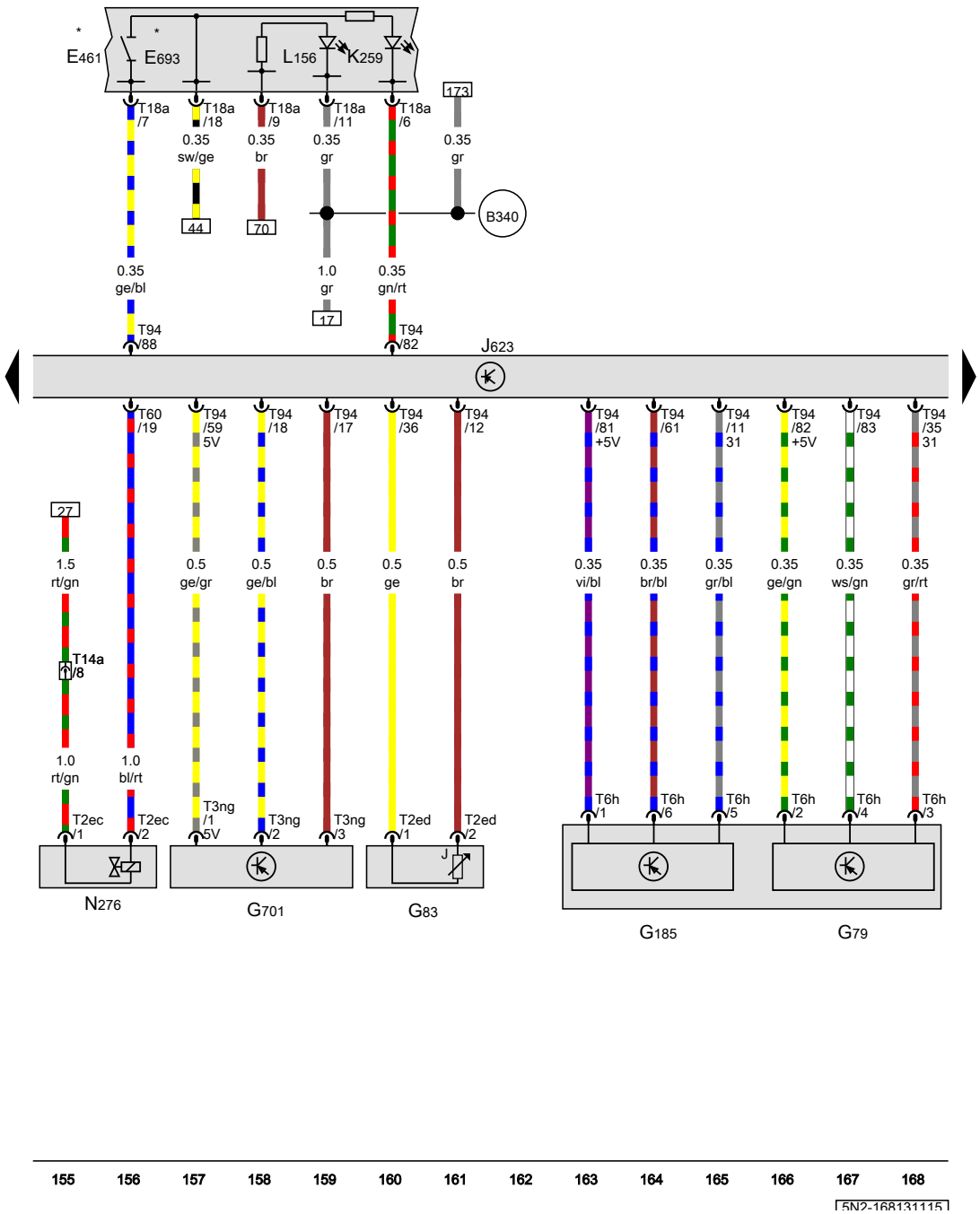
Radiator fan control unit, Additional coolant pump relay, Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve



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J293	Radiator fan control unit
J496	Additional coolant pump relay
J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
T2da	2-pin connector
T2db	2-pin connector
T2ea	2-pin connector
T2eb	2-pin connector
T4x	4-pin connector
T10b	10-pin connector
T14a	14-pin connector
T60	60-pin connector
T94	94-pin connector
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

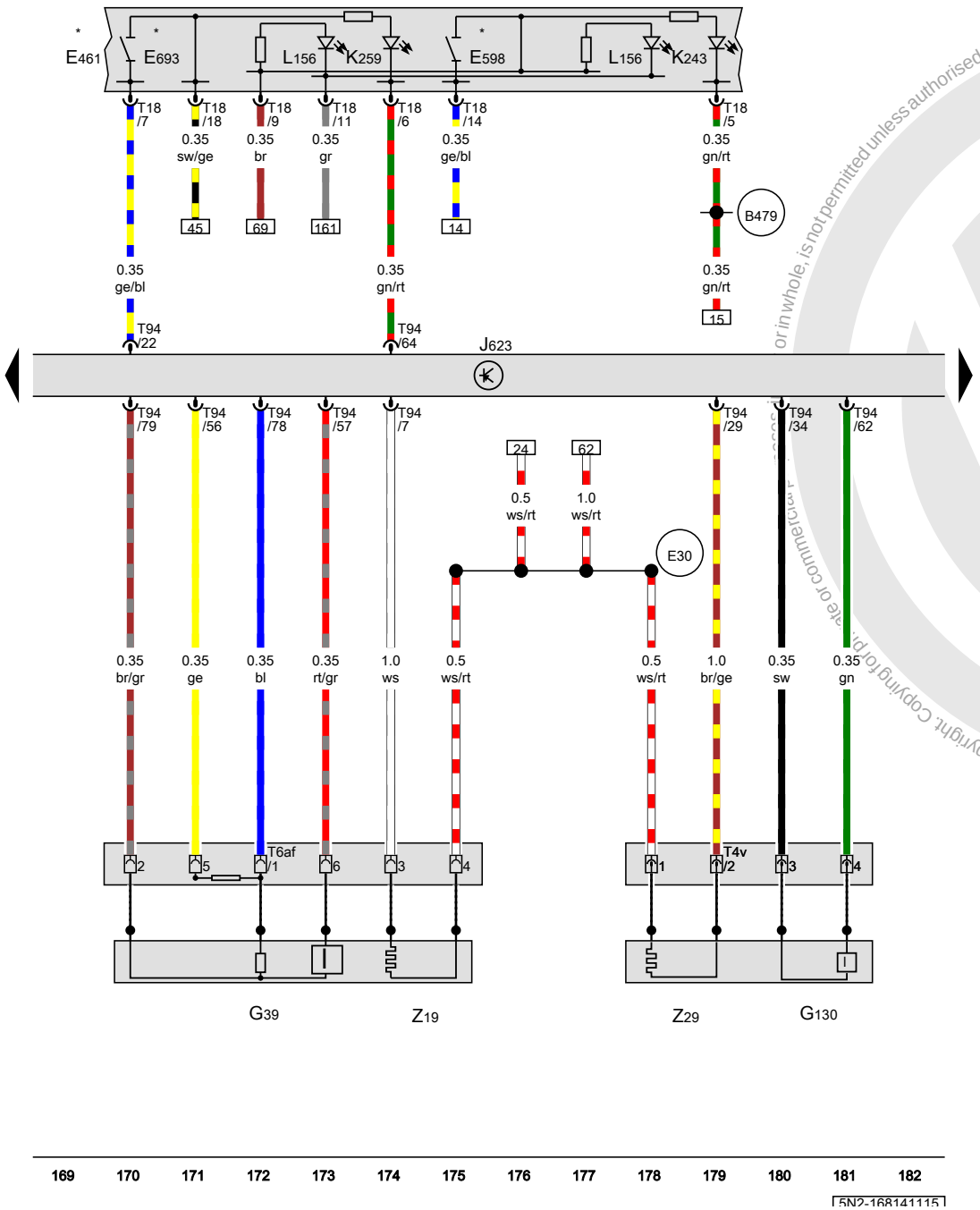


Operating unit in front of centre console, Start/Stop operation button, Accelerator position sender, Radiator outlet coolant temperature sender, Accelerator position sender 2, Engine control unit, Fuel pressure regulating valve

E461	Operating unit in front of centre console
E693	Start/Stop operation button
G79	Accelerator position sender
G83	Radiator outlet coolant temperature sender
G185	Accelerator position sender 2
G701	Gearbox neutral position sender
J623	Engine control unit
K259	Start/Stop operation warning lamp
L156	Switch illumination bulb
N276	Fuel pressure regulating valve
T2ec	2-pin connector
T2ed	2-pin connector
T3ng	3-pin connector
T6h	6-pin connector
T14a	14-pin connector
T18a	18-pin connector
T60	60-pin connector
T94	94-pin connector
B340	Connection 1 (58d), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Operating unit in front of centre console, Start/Stop operation button, Lambda probe, Lambda probe after catalytic converter, Engine control unit

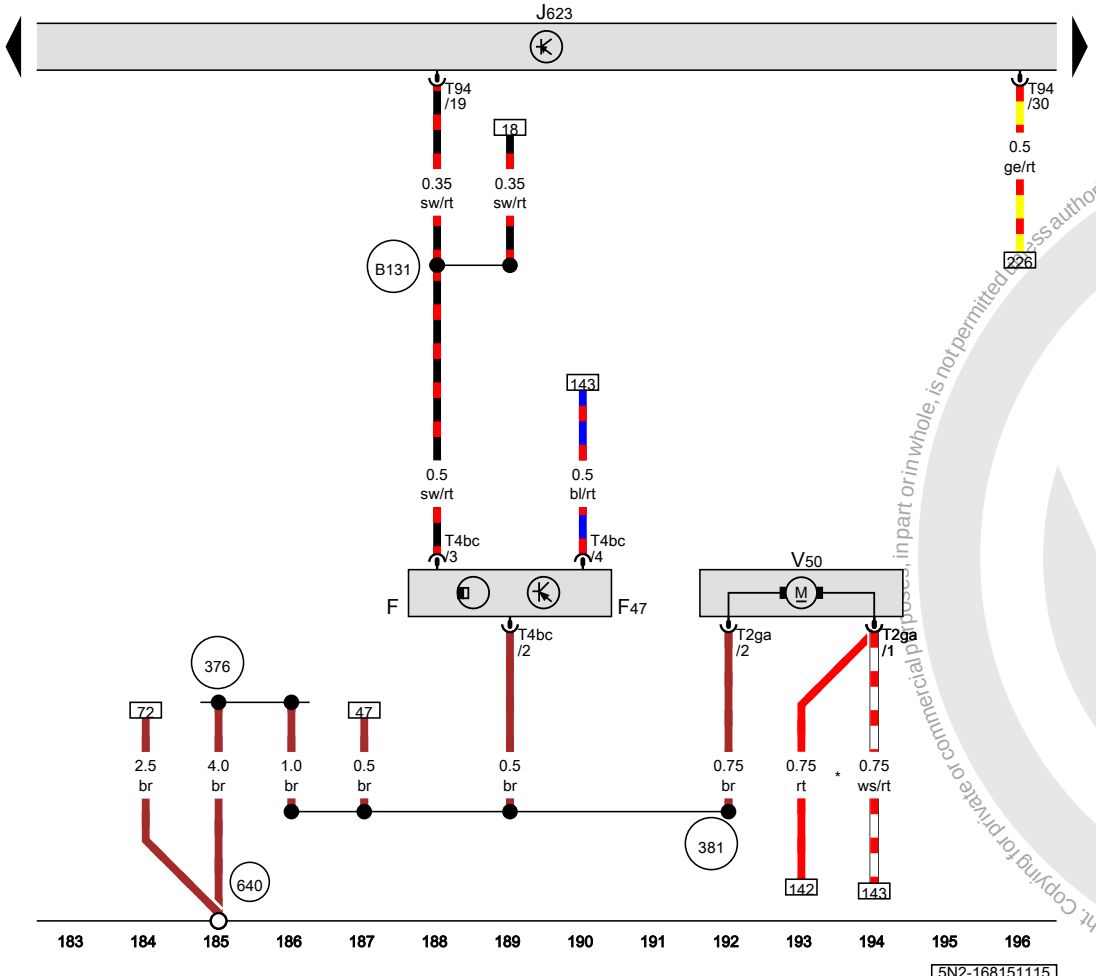
E461	Operating unit in front of centre console
E598	Driving program button
E693	Start/Stop operation button
G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
K243	Driving program warning light
K259	Start/Stop operation warning lamp
L156	Switch illumination bulb
T4v	4-pin connector
T6af	6-pin connector
T18	18-pin connector
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
B479	Connection 15, in main wiring harness
E30	Connection (87a), in engine wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Brake light switch, Engine control unit, Coolant circulation pump

F	Brake light switch
F47	Brake pedal switch
J623	Engine control unit
T2ga	2-pin connector
T4bc	4-pin connector
T94	94-pin connector
V50	Coolant circulation pump
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B131	Connection (54), in interior wiring harness
*	According to equipment

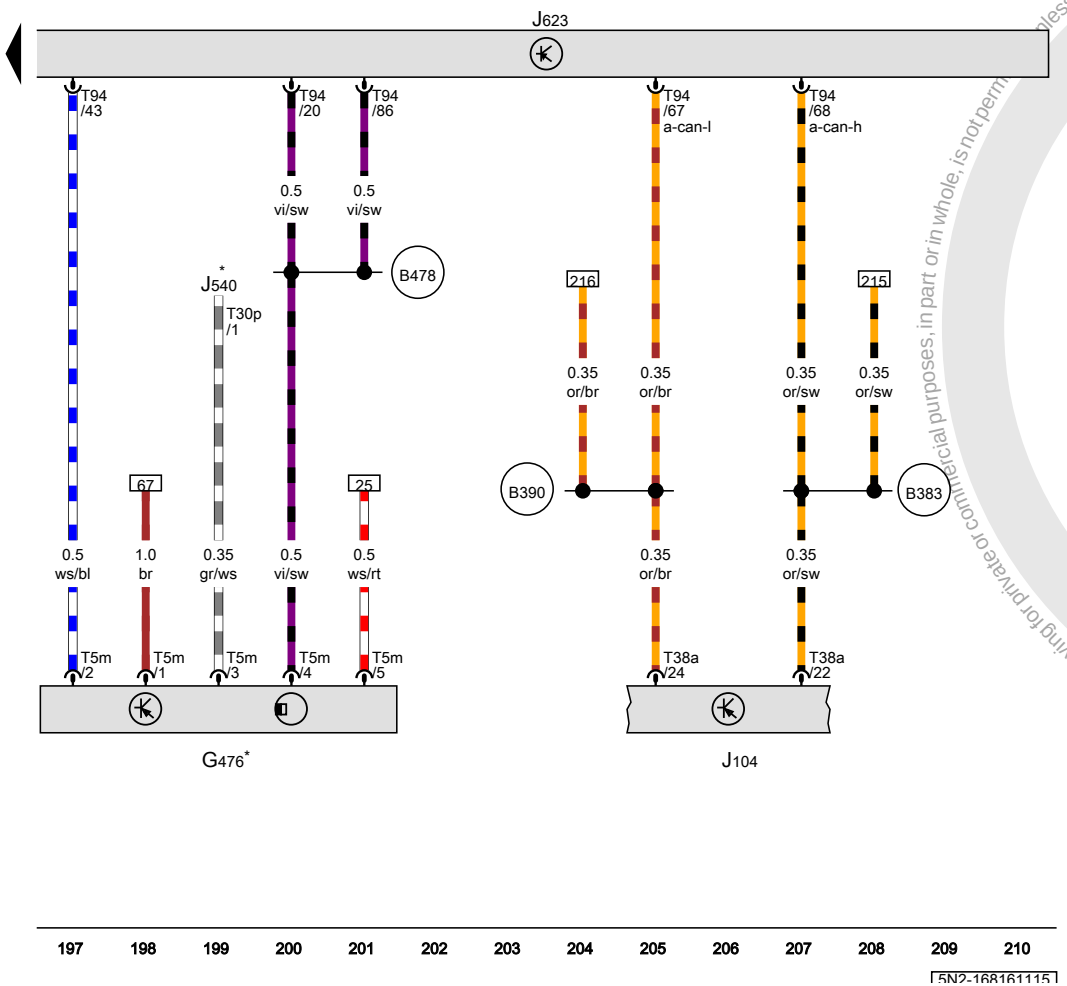


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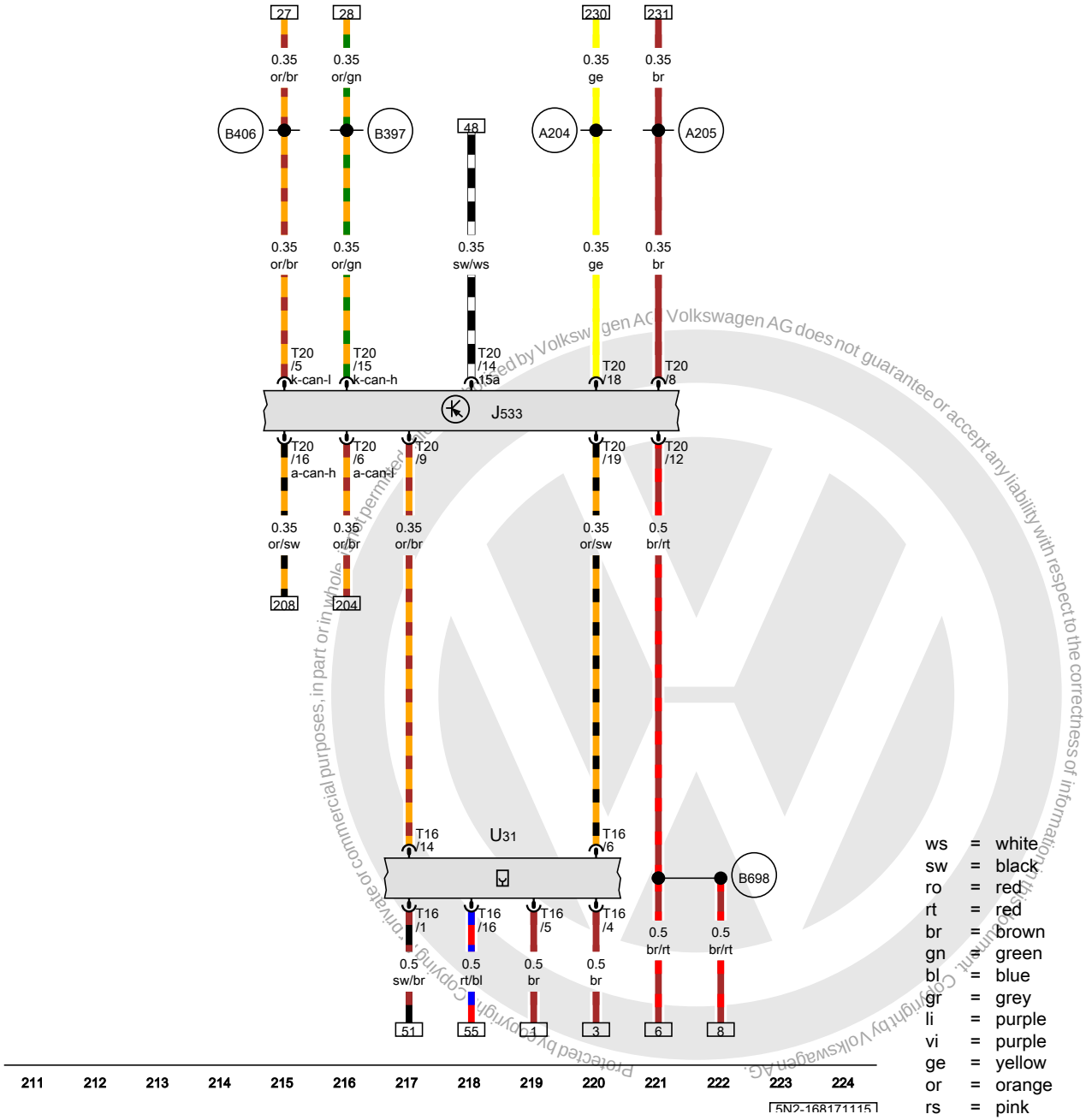
Clutch position sender, Engine control unit

G476	Clutch position sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5m	5-pin connector
T30p	30-pin connector
T38a	38-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B478	Connection 14, in main wiring harness
*	Only models with manual gearbox



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Data bus diagnostic interface, Diagnostic connection

J533 Data bus diagnostic interface
T16 16-pin connector
T20 20-pin connector
U31 Diagnostic connection

A204 Connection (dash panel insert CAN bus, high), in dash panel wiring harness

A205 Connection (dash panel insert CAN bus, low), in dash panel wiring harness

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

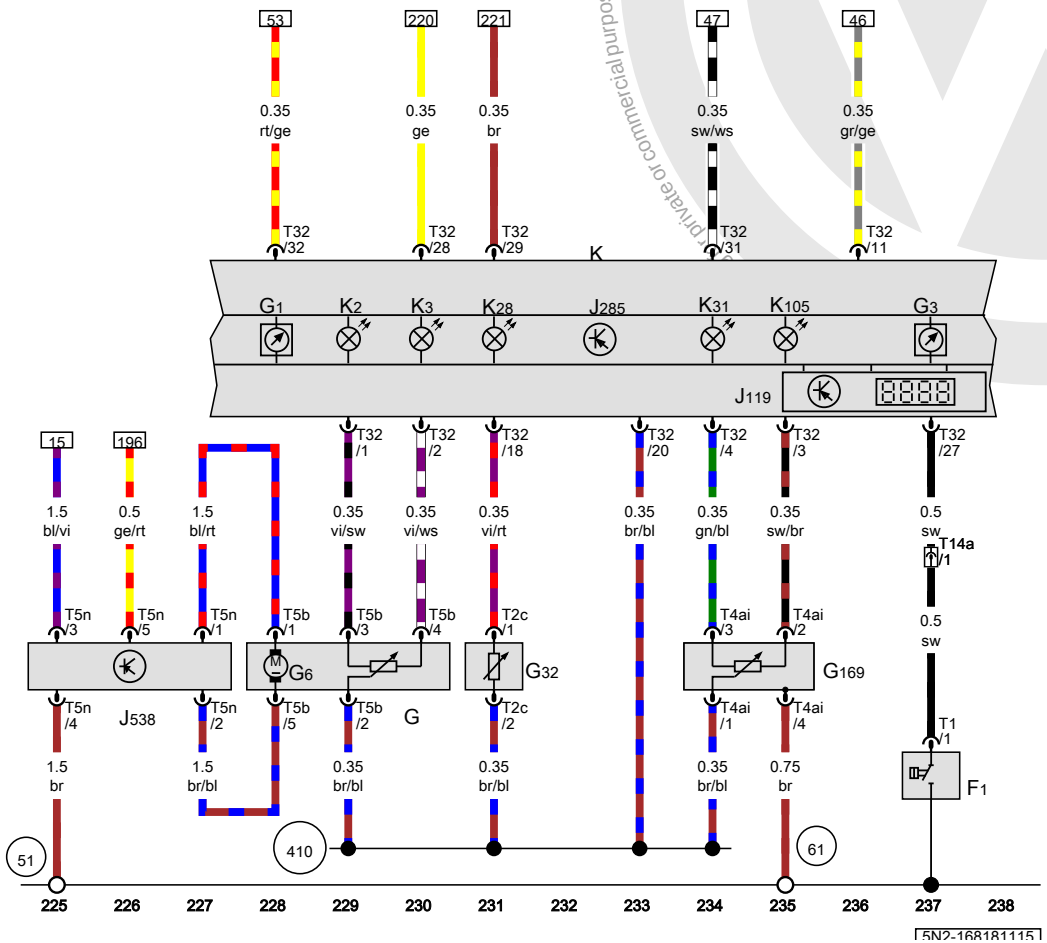
B698 Connection 3 (LIN bus) in main wiring harness

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Oil pressure switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T1	Single connector
T2c	2-pin connector
T4ai	4-pin connector
T5b	5-pin connector
T5n	5-pin connector
T14a	14-pin connector
T32	32-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness

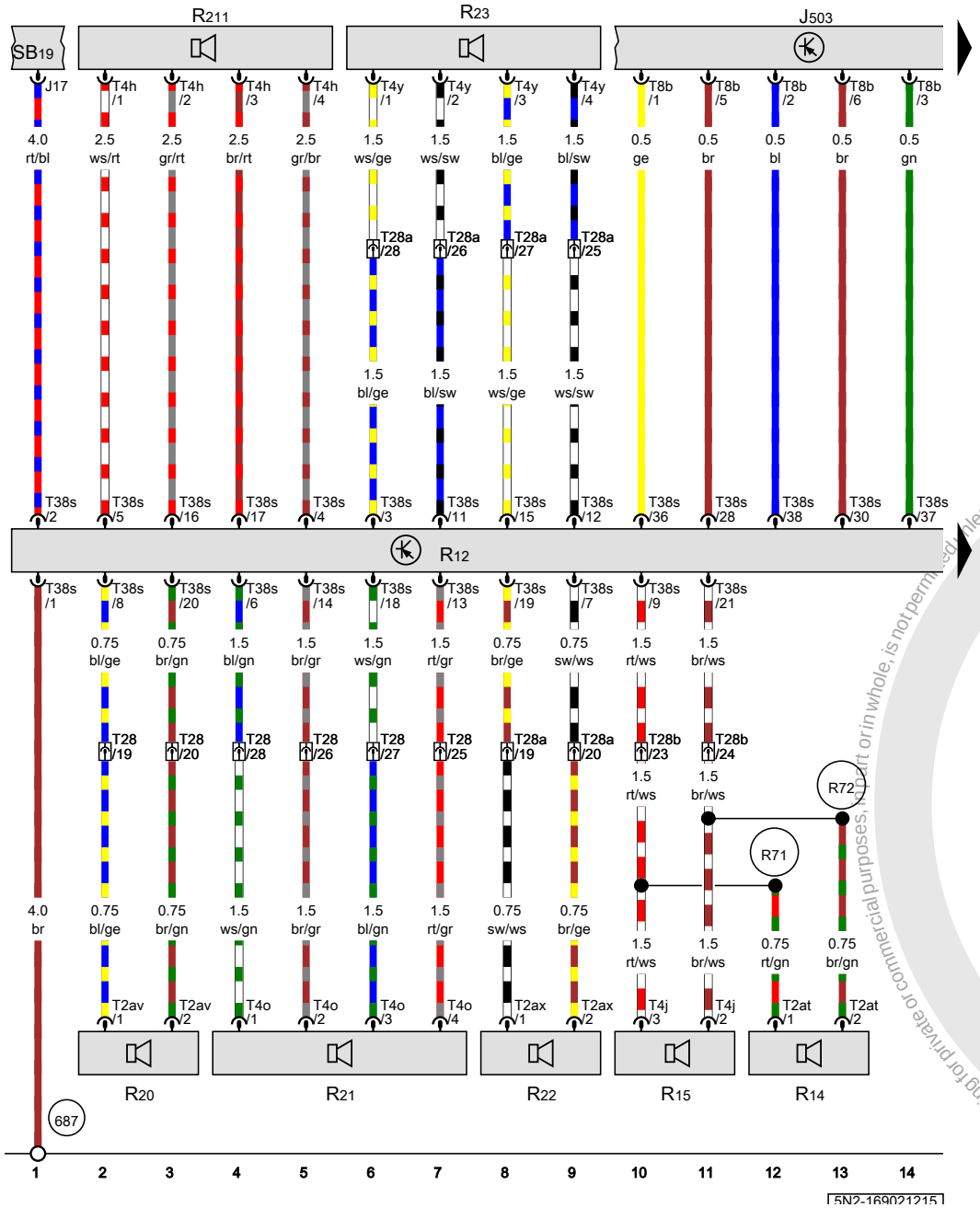


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Sound system , (8RU),(9VE)

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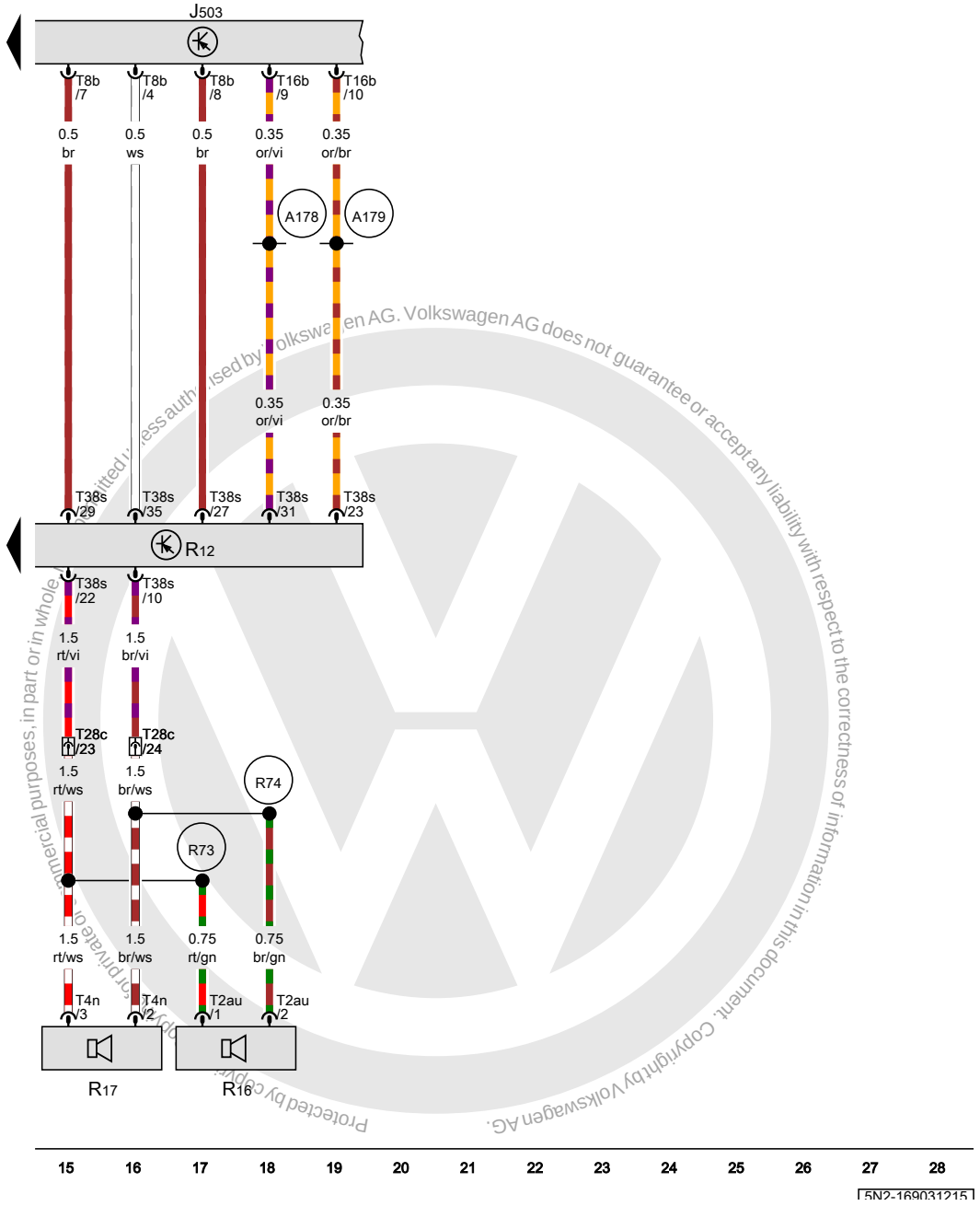
Control unit with display for radio and navigation, Amplifier, Rear left treble loudspeaker, Rear left bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker, Subwoofer

J503	Control unit with display for radio and navigation
R12	Amplifier, under driver seat
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R211	Subwoofer
SB19	Fuse 19 on fuse holder B
T2at	2-pin connector
T2av	2-pin connector
T2ax	2-pin connector
T4h	4-pin connector
T4j	4-pin connector
T4o	4-pin connector
T4y	4-pin connector
T8b	8-pin connector
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T38s	38-pin connector
687	Earth point 1, on centre tunnel
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness

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Control unit with display for radio and navigation, Amplifier, Rear right treble loudspeaker, Rear right bass loudspeaker



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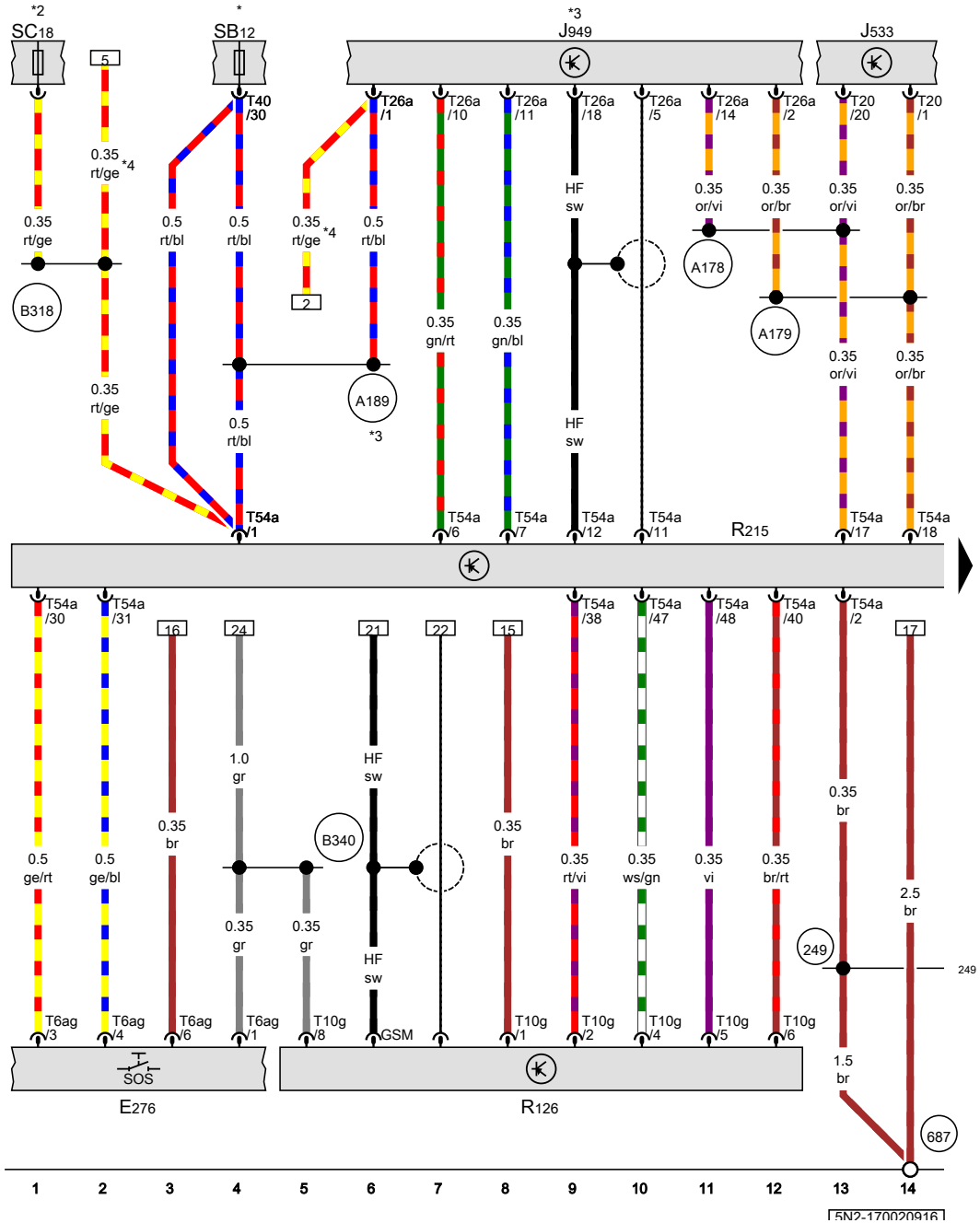
J503	Control unit with display for radio and navigation
R12	Amplifier, under driver seat
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T2au	2-pin connector
T4n	4-pin connector
T8b	8-pin connector
T16b	16-pin connector
T28c	28-pin connector
T38s	38-pin connector
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness

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Mobile telephone systems with MEDIA-IN multimedia socket , (9ZB),(9ZU),(9W7),(9ZS),(9ZI),(9ZR),(9ZT)

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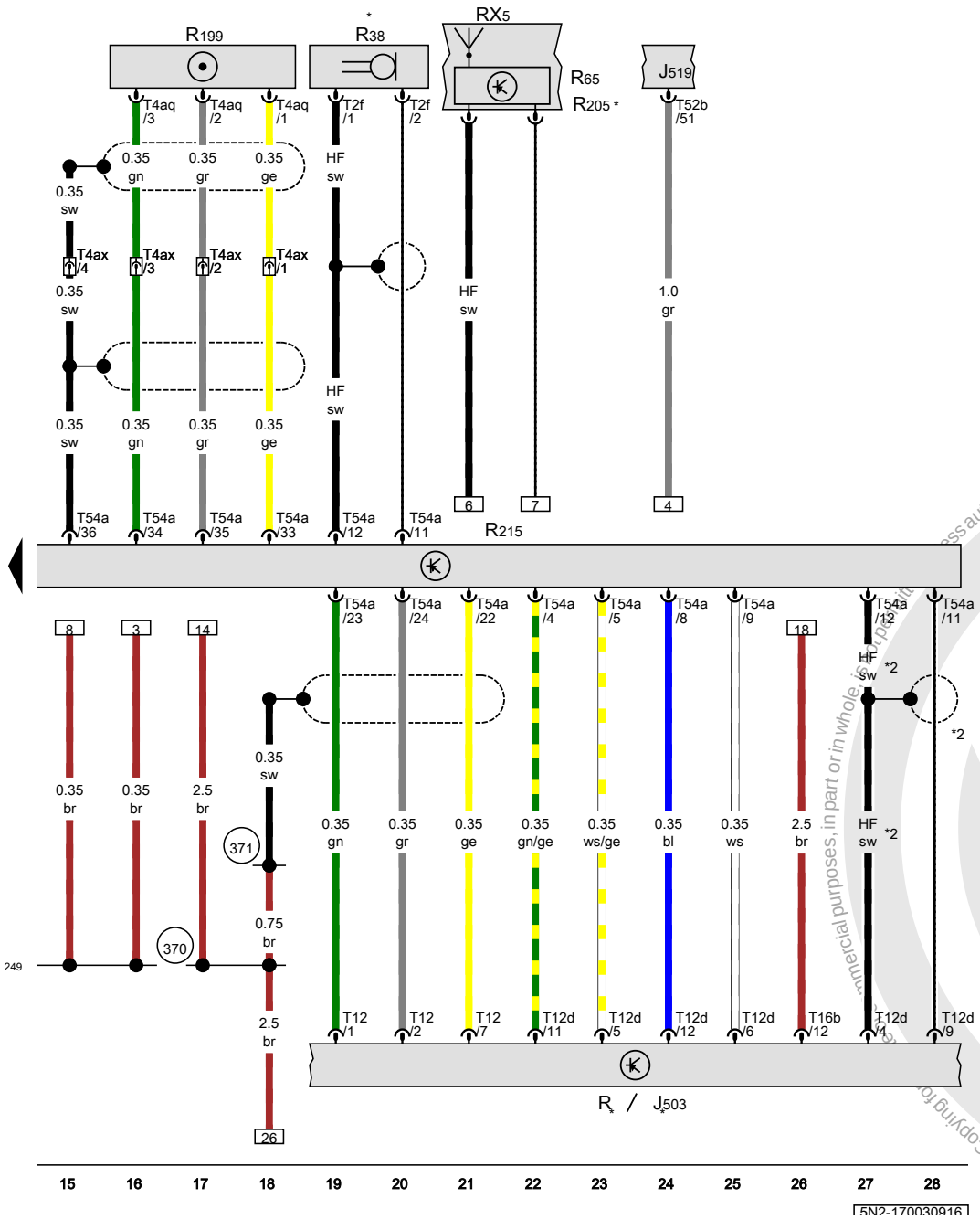


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sw = black
ro = red
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Telephone bracket, Interface for external multimedia unit

E276	Emergency assistance call button
J533	Data bus diagnostic interface
J949	Emergency call module control unit and communication unit
R126	Telephone bracket
R215	Interface for external multimedia unit
SB12	Fuse 12 on fuse holder B
SC18	Fuse 18 on fuse holder C
T6ag	6-pin connector
T10g	10-pin connector
T20	20-pin connector
T26a	26-pin connector
T40	40-pin connector
T54a	54-pin connector
249	Earth connection 2, in interior wiring harness
687	Earth point 1, on centre tunnel
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
A189	Positive connection 5 (30a) in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
*	Only models with no start/stop system
*2	Only models with start/stop system
*3	According to equipment
*4	From November 2014

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Telephone microphone, Connection for external audio sources, Interface for external multimedia unit

J503	Control unit with display for radio and navigation
J519	Onboard supply control unit
R	Radio
RX5	Roof aerial
R38	Telephone microphone
R65	Telephone aerial
R199	Connection for external audio sources
R205	GSM aerial
R215	Interface for external multimedia unit
T2f	2-pin connector
T4aq	4-pin connector
T4ax	4-pin connector
T12	12-pin connector
T12d	12-pin connector
T16b	16-pin connector
T52b	52-pin connector
T54a	54-pin connector
249	Earth connection 2, in interior wiring harness
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
*	According to equipment
*2	Only models with radio navigation system and voice control

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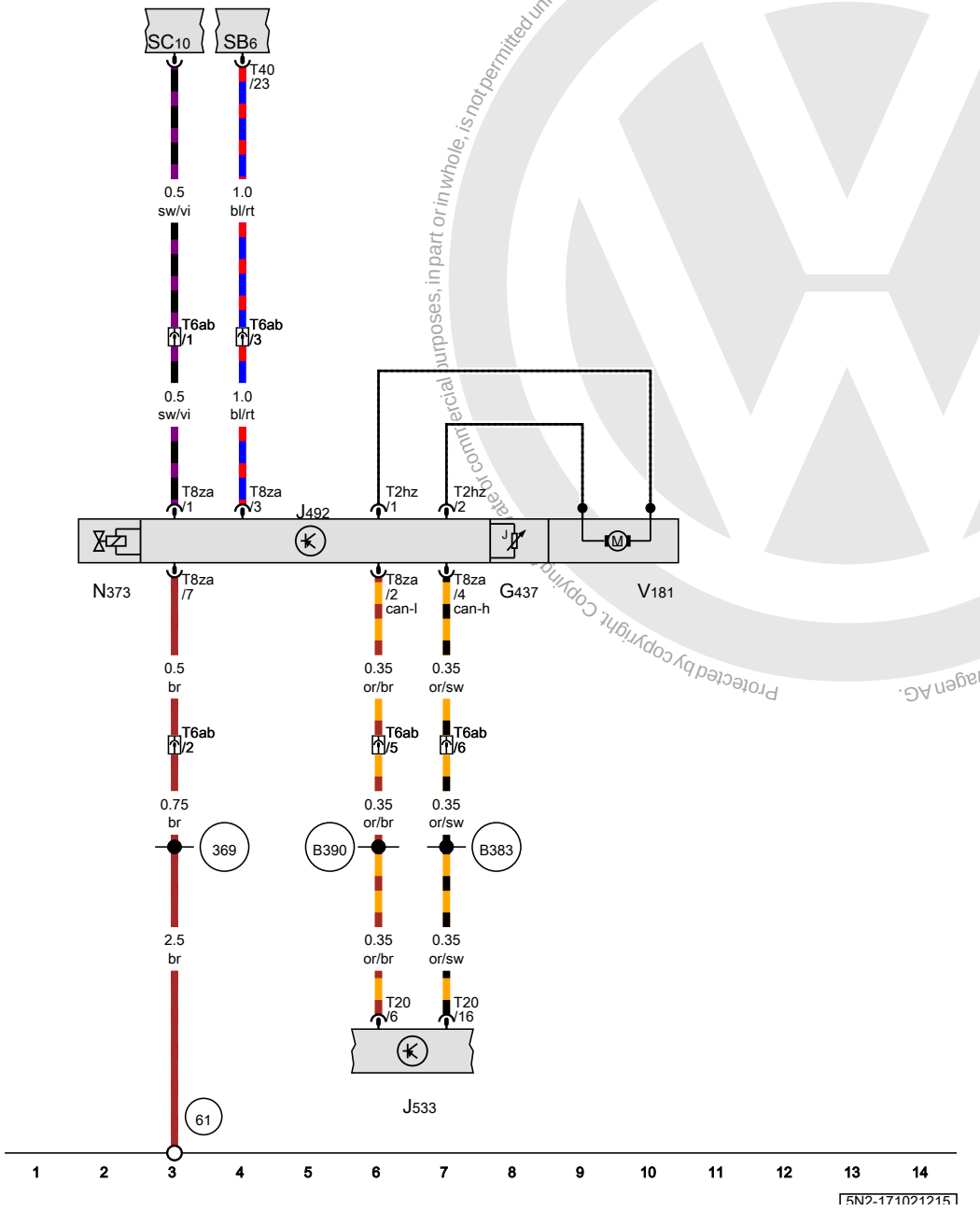
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All-wheel drive (4Motion) , (1X1)

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Oil pressure and oil temperature sender, All-wheel drive control unit, Data bus diagnostic interface, Coupling opening control valve, Fuse 10 on fuse holder C, Haldex coupling pump

G437	Oil pressure and oil temperature sender
J492	All-wheel drive control unit
J533	Data bus diagnostic interface
N373	Coupling opening control valve
SB6	Fuse 6 on fuse holder B
SC10	Fuse 10 on fuse holder C
T2hz	2-pin connector
T6ab	6-pin connector
T8za	8-pin connector
T20	20-pin connector
T40	40-pin connector
V181	Haldex coupling pump
61	Earth point, left C-pillar
369	Earth connection 4, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

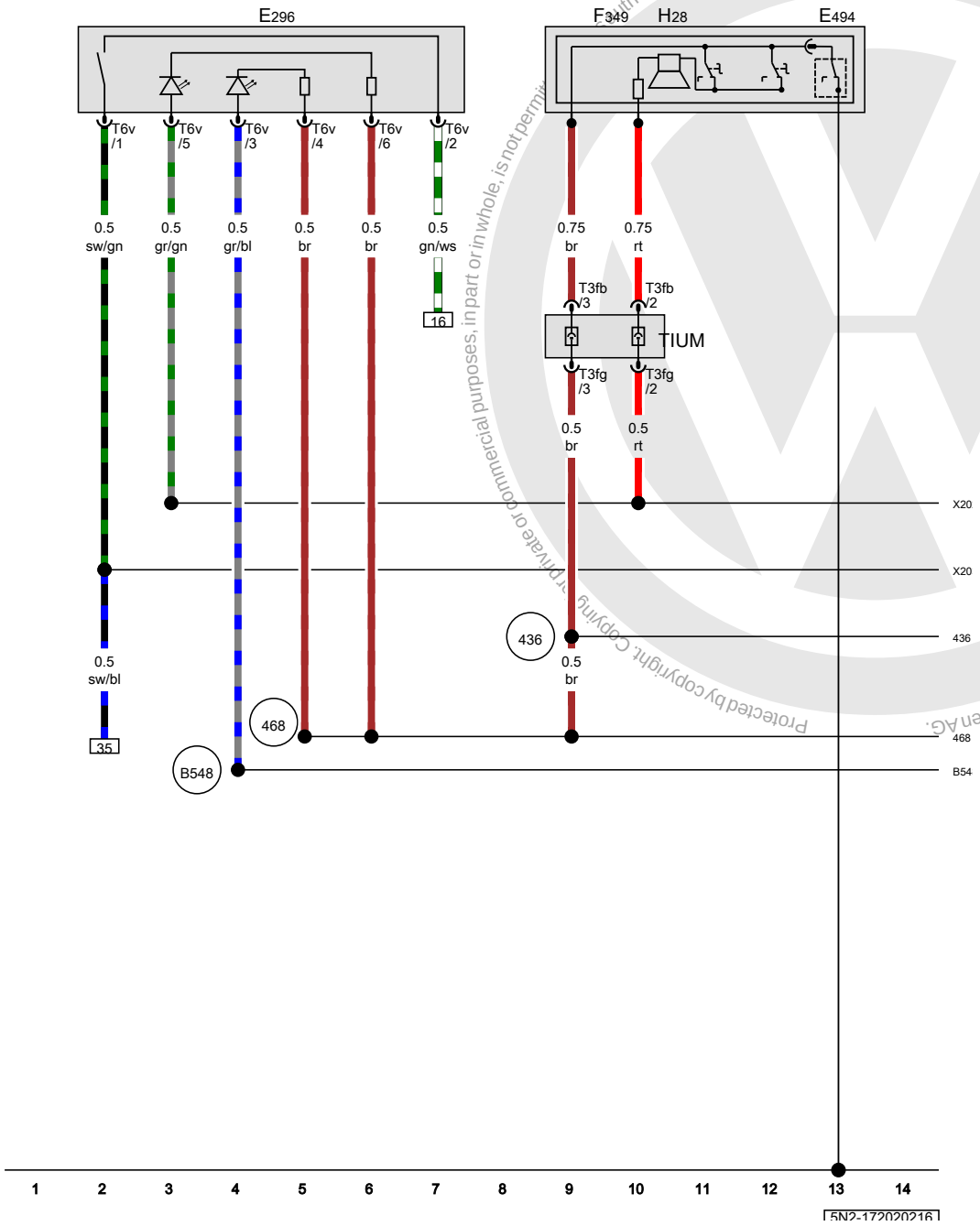
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Driving school equipment , (S0F)

From May 2011

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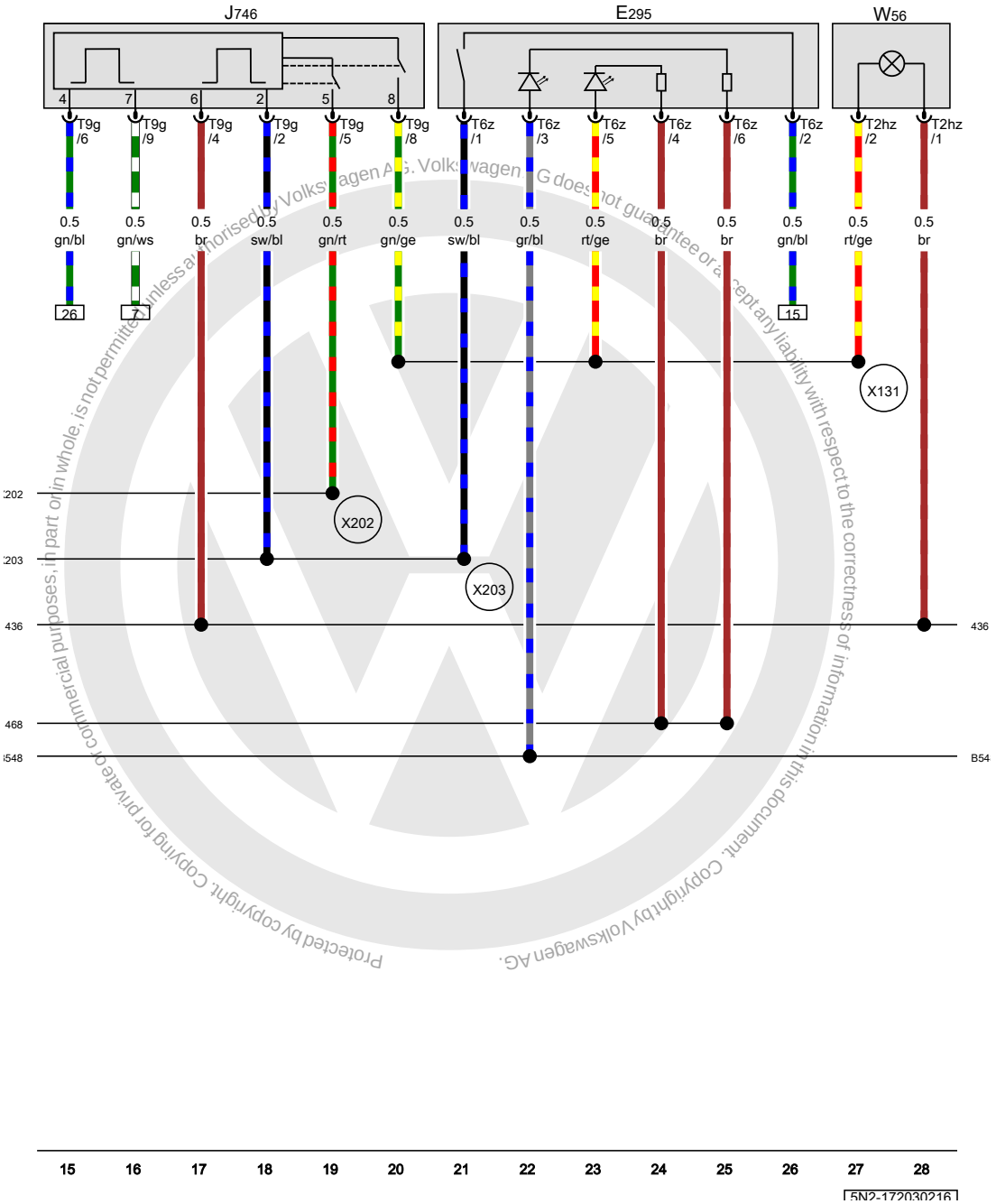
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Warning buzzer switch, Accelerator switch for driving school vehicle, Pedal switch for warning buzzer on front passenger side, Driving school mode warning buzzer

E296	Warning buzzer switch
E494	Accelerator switch for driving school vehicle
F349	Pedal switch for warning buzzer on front passenger side
H28	Driving school mode warning buzzer
T3fb	3-pin connector
T3fg	3-pin connector
T6v	6-pin connector
TIUM	Coupling point in interior, below centre
436	Earth connection 1, in driving school wiring harness
468	Earth connection 2, in driving school wiring harness
B548	Connection (58), in driving school vehicle wiring harness
X202	Connection 9, in optional equipment wiring harness
X203	Connection 10, in optional equipment wiring harness

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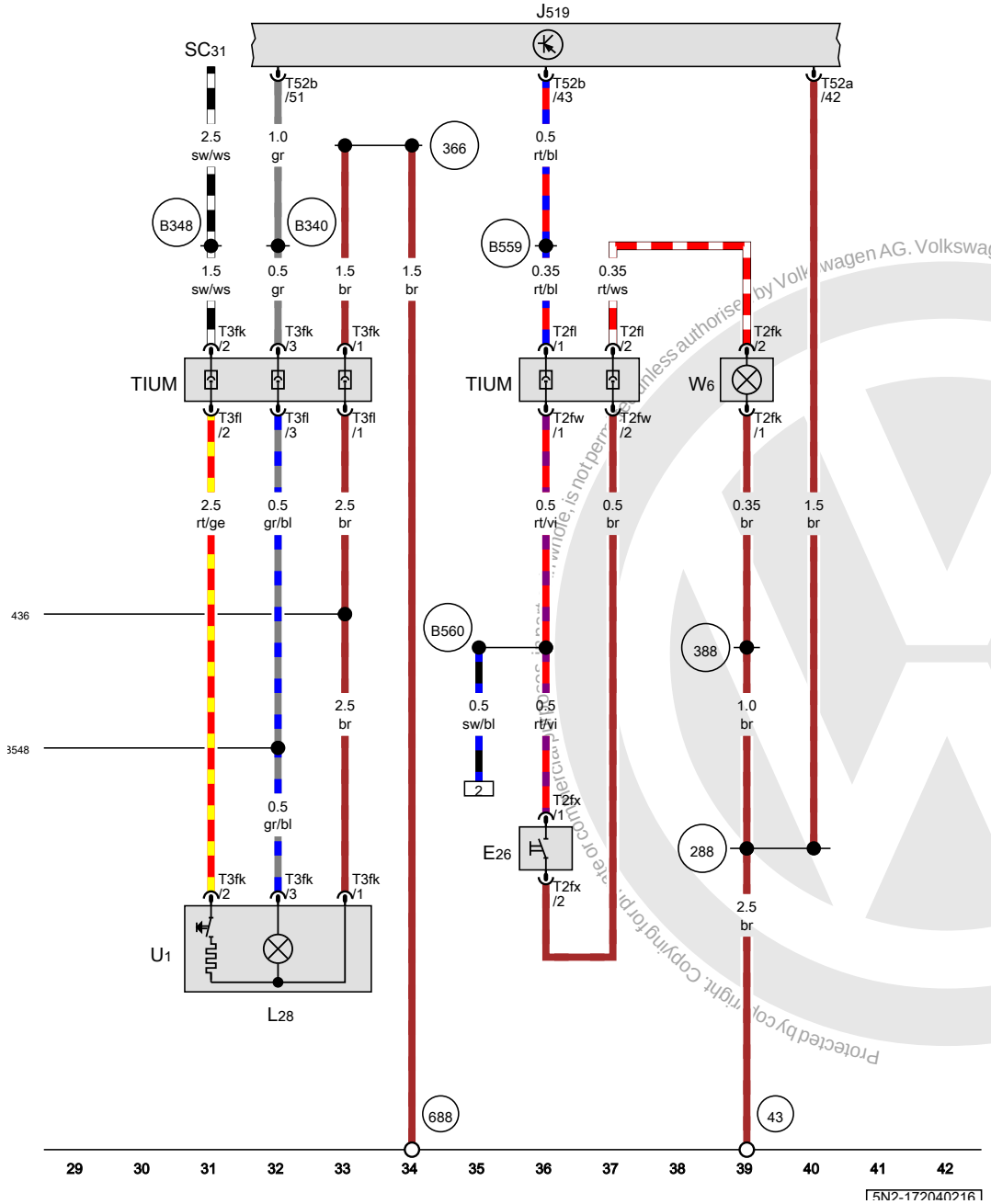


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Footwell light switch, Driving school mode relay, Driving school vehicle footwell illumination

E295	Footwell light switch
J746	Driving school mode relay
T2hz	2-pin connector
T6z	6-pin connector
T9g	9-pin connector
W56	Driving school vehicle footwell illumination
436	Earth connection 1, in driving school wiring harness
468	Earth connection 2, in driving school wiring harness
B548	Connection (58), in driving school vehicle wiring harness
X131	Connection 4, in optional equipment wiring harness
X202	Connection 9, in optional equipment wiring harness
X203	Connection 10, in optional equipment wiring harness

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rs	=	pink



Glove compartment light switch, Onboard supply control unit, Cigarette lighter, Glove compartment light

E26	Glove compartment light switch
J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
SC31	Fuse 31 on fuse holder C
T2fk	2-pin connector
T2fl	2-pin connector
T2fw	2-pin connector
T2fx	2-pin connector
T3fk	3-pin connector
T3fl	3-pin connector
T52a	52-pin connector
T52b	52-pin connector
TIUM	Coupling point in interior, below centre
U1	Cigarette lighter
W6	Glove compartment light

43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
366	Earth connection 1, in main wiring harness
388	Earth connection 23, in main wiring harness
436	Earth connection 1, in driving school wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
B348	Connection 1 (75a), in main wiring harness
B548	Connection (58), in driving school vehicle wiring harness
B559	Positive connection 1 (30g), in main wiring harness
B560	Positive connection 1 (30g), in driving school wiring harness

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rt	=	red
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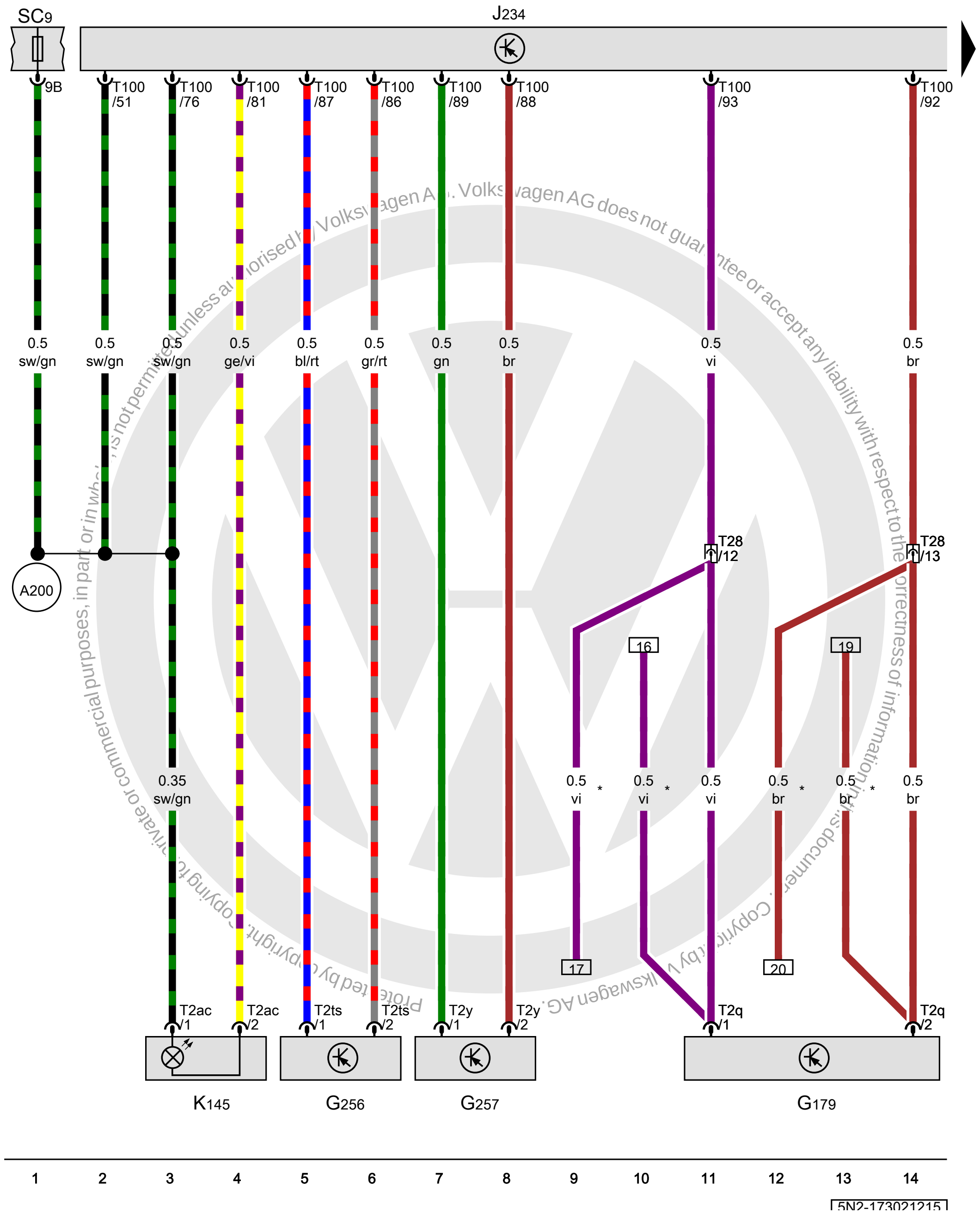
Airbag systems , (4UE),(4UF),(4X3),(4X4)

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Side airbag crash sensor on driver side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on front passenger side, Airbag control unit, Front passenger side airbag deactivated warning lamp

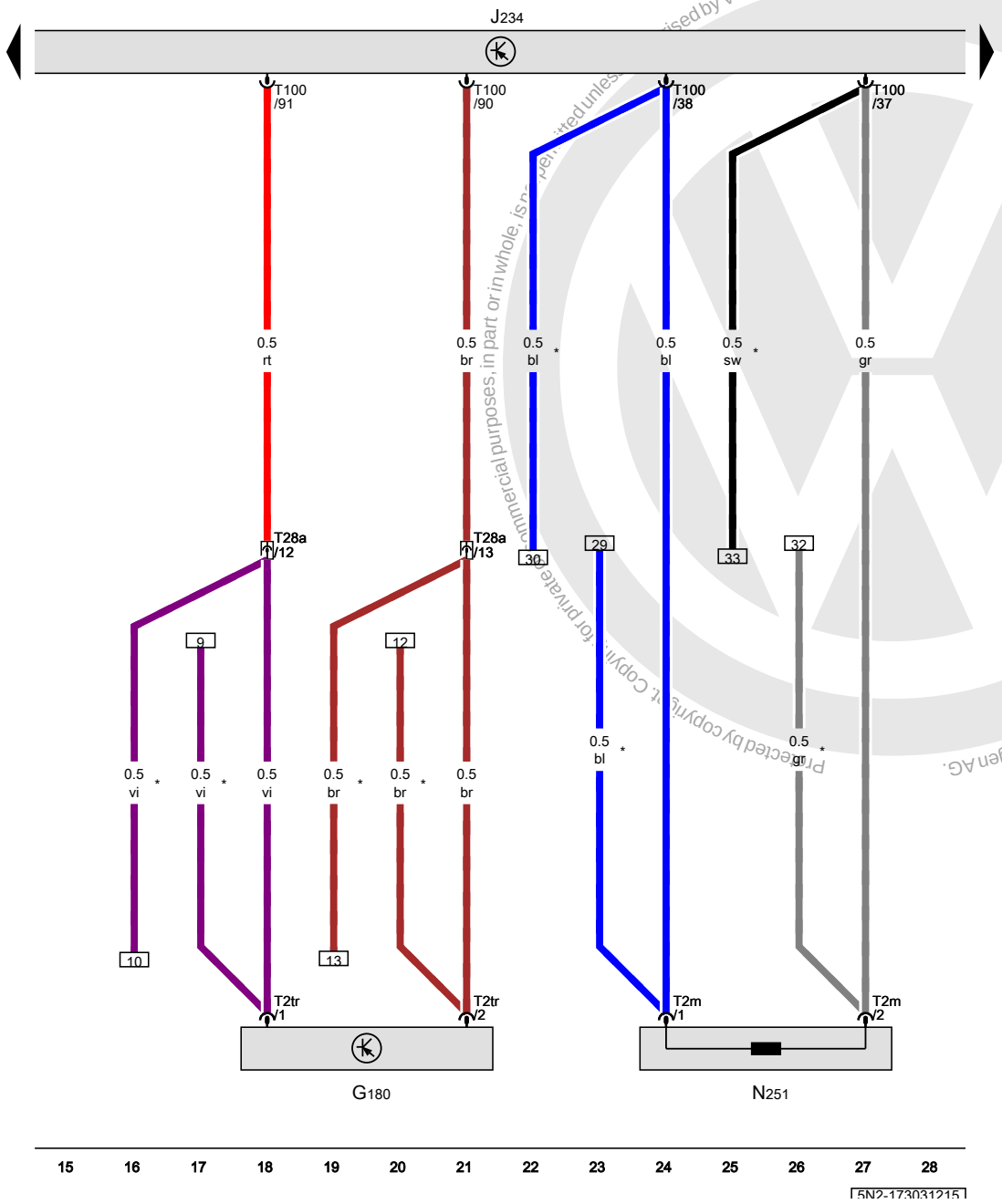
G179	Side airbag crash sensor on driver side
G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on front passenger side
J234	Airbag control unit, under centre console
K145	Front passenger side airbag deactivated warning lamp
SC9	Fuse 9 on fuse holder C
T2ac	2-pin connector
T2q	2-pin connector
T2ts	2-pin connector
T2y	2-pin connector
T28	28-pin connector
T100	100-pin connector
A200	Positive connection 5 (15a) in dash panel wiring harness
*	Only right-hand drive models



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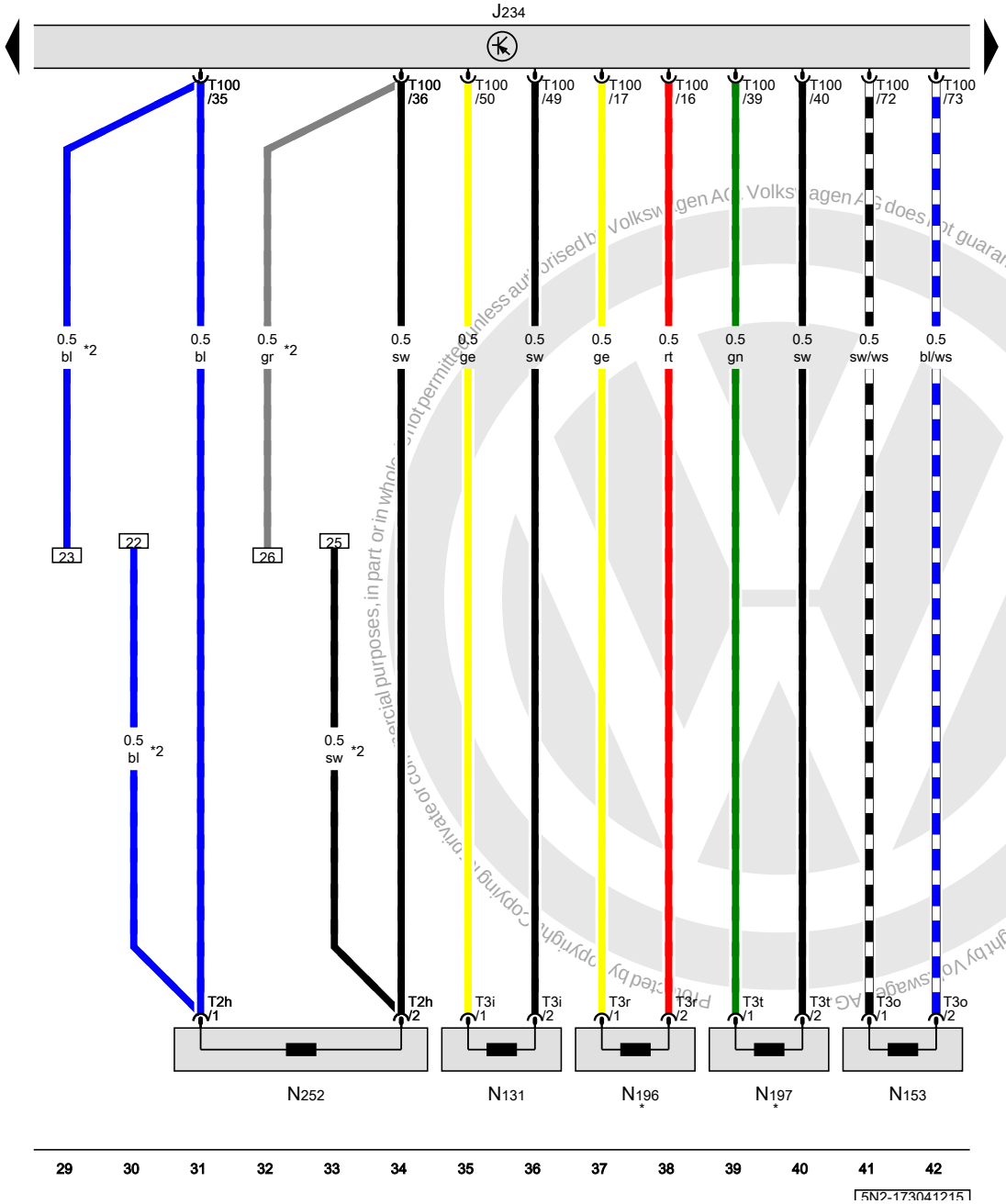
Side airbag crash sensor on front passenger side, Airbag control unit, Driver side curtain airbag igniter

G180	Side airbag crash sensor on front passenger side
J234	Airbag control unit, under centre console
N251	Driver side curtain airbag igniter
T2m	2-pin connector
T2tr	2-pin connector
T28a	28-pin connector
T100	100-pin connector
*	Only right-hand drive models



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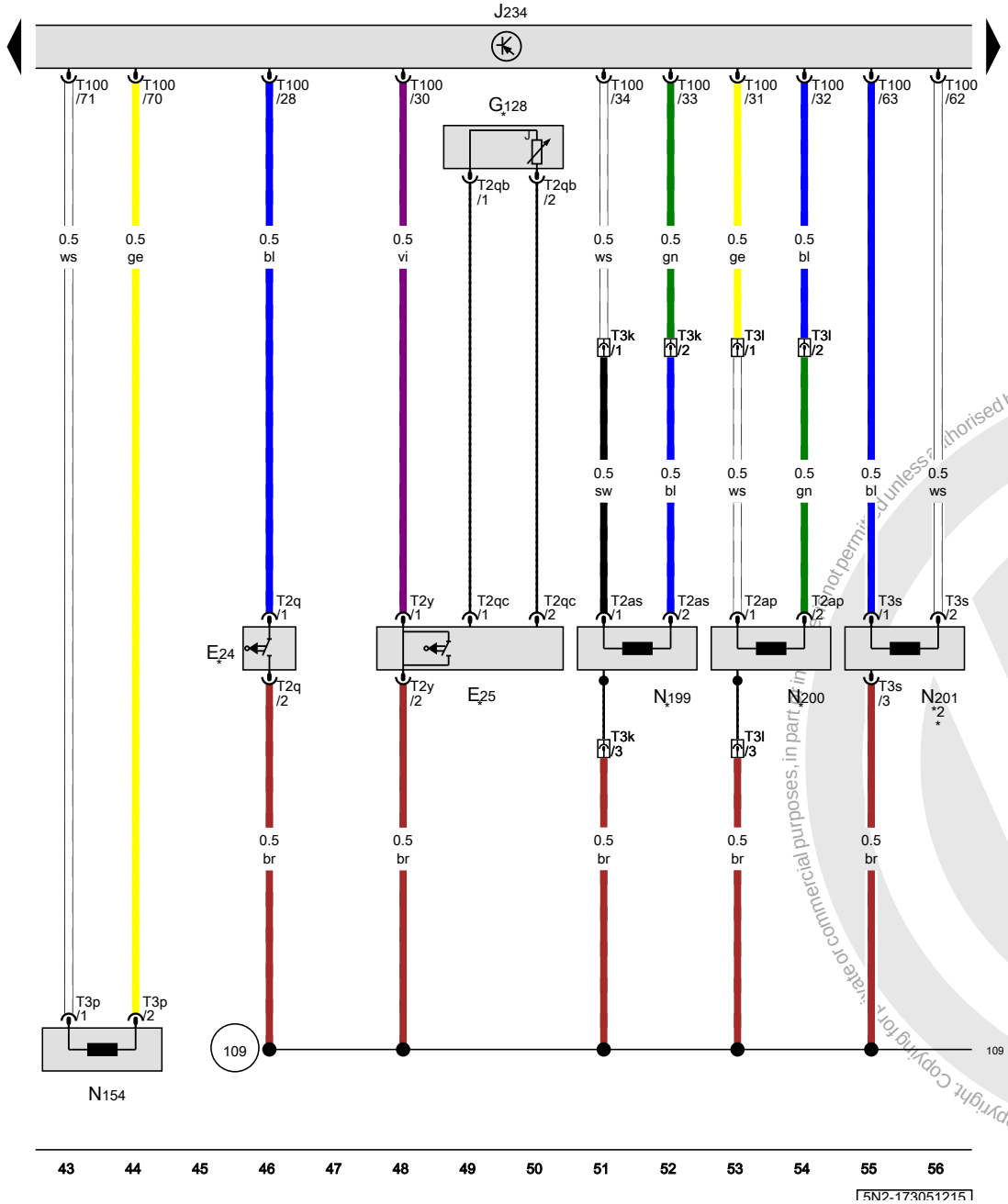


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Airbag control unit, Front passenger side airbag igniter 1, Driver seat belt tensioner igniter 1, Rear belt tensioner igniter on driver side, Rear belt tensioner igniter on front passenger side, Front passenger side curtain airbag igniter

J234	Airbag control unit, under centre console
N131	Front passenger side airbag igniter 1
N153	Driver seat belt tensioner igniter 1
N196	Rear belt tensioner igniter on driver side
N197	Rear belt tensioner igniter on front passenger side
N252	Front passenger side curtain airbag igniter
T2h	2-pin connector
T3i	3-pin connector
T3o	3-pin connector
T3r	3-pin connector
T3t	3-pin connector
T100	100-pin connector
*	According to equipment
*2	Only right-hand drive models

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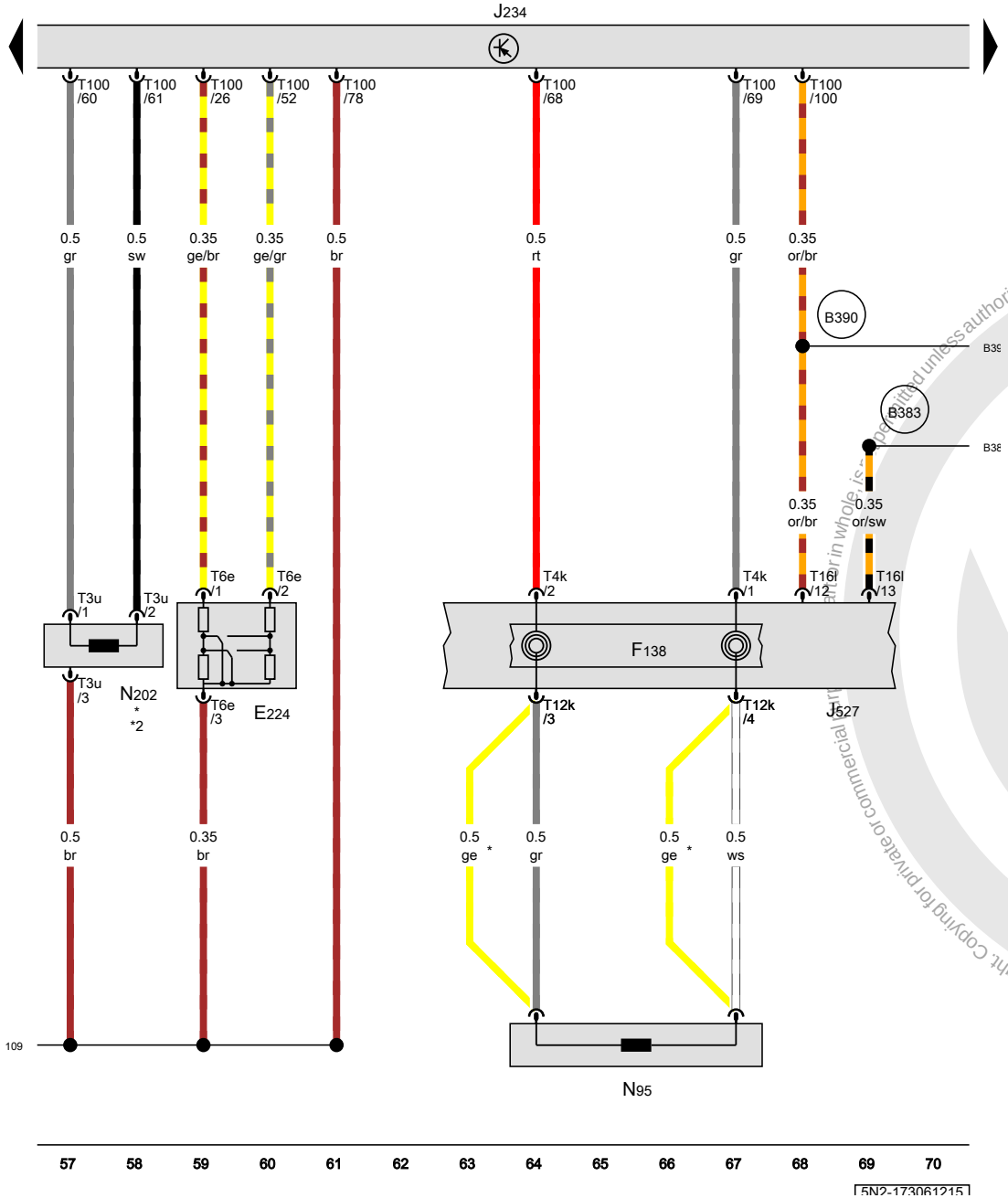


Driver side belt switch, Front passenger side belt switch, Seat occupied sensor, front passenger side, Airbag control unit, Front passenger seat belt tensioner igniter 1, Side airbag igniter on driver side, Side airbag igniter on front passenger side, Rear side airbag igniter on driver side

E24	Driver side belt switch
E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
J234	Airbag control unit, under centre console
N154	Front passenger seat belt tensioner igniter 1
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
N201	Rear side airbag igniter on driver side
T2ap	2-pin connector
T2as	2-pin connector
T2q	2-pin connector, black
T2qb	2-pin connector
T2qc	2-pin connector
T2y	2-pin connector, black
T3k	3-pin connector
T3l	3-pin connector
T3p	3-pin connector
T3s	3-pin connector
T100	100-pin connector
109	Earth connection, in airbag wiring harness
*	Pre-wired component
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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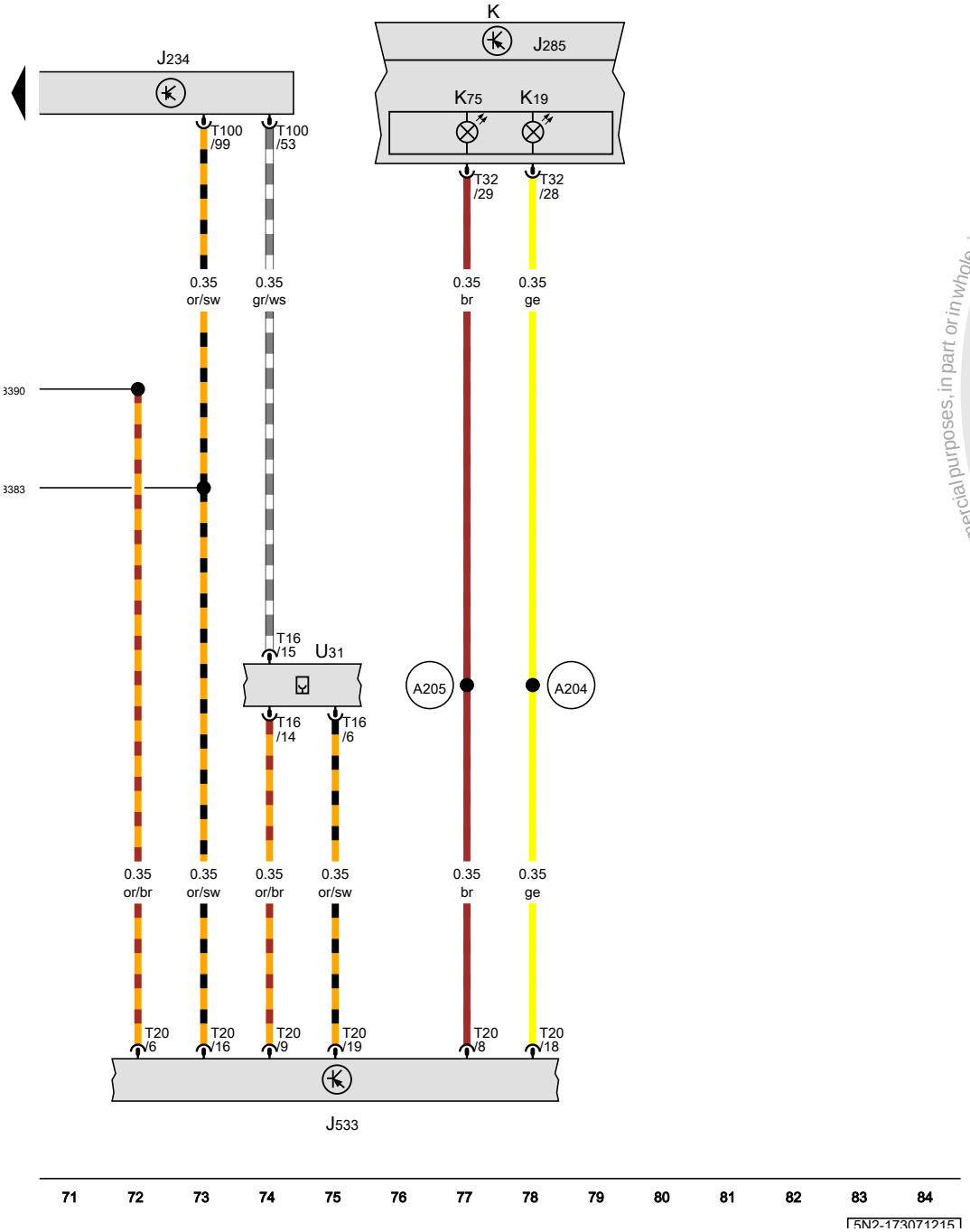


Key operated switch to deactivate front passenger side airbag, Airbag control unit, Steering column electronics control unit, Driver side airbag igniter, Rear side airbag igniter on front passenger side

E224	Key operated switch to deactivate front passenger side airbag, in glove compartment
F138	Airbag coil connector and return ring with slip ring
J234	Airbag control unit, under centre console
J527	Steering column electronics control unit
N95	Driver side airbag igniter
N202	Rear side airbag igniter on front passenger side
T3u	3-pin connector
T4k	4-pin connector
T6e	6-pin connector
T12k	12-pin connector
T16l	16-pin connector
T100	100-pin connector
109	Earth connection, in airbag wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	According to equipment
*2	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Airbag control unit, Control unit in dash panel insert, Data bus diagnostic interface, Diagnostic connection

J234	Airbag control unit, under centre console
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K	Dash panel insert
K19	Seat belt warning system warning lamp
K75	Airbag warning lamp
T16	16-pin connector
T20	20-pin connector
T32	32-pin connector
T100	100-pin connector
U31	Diagnostic connection
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

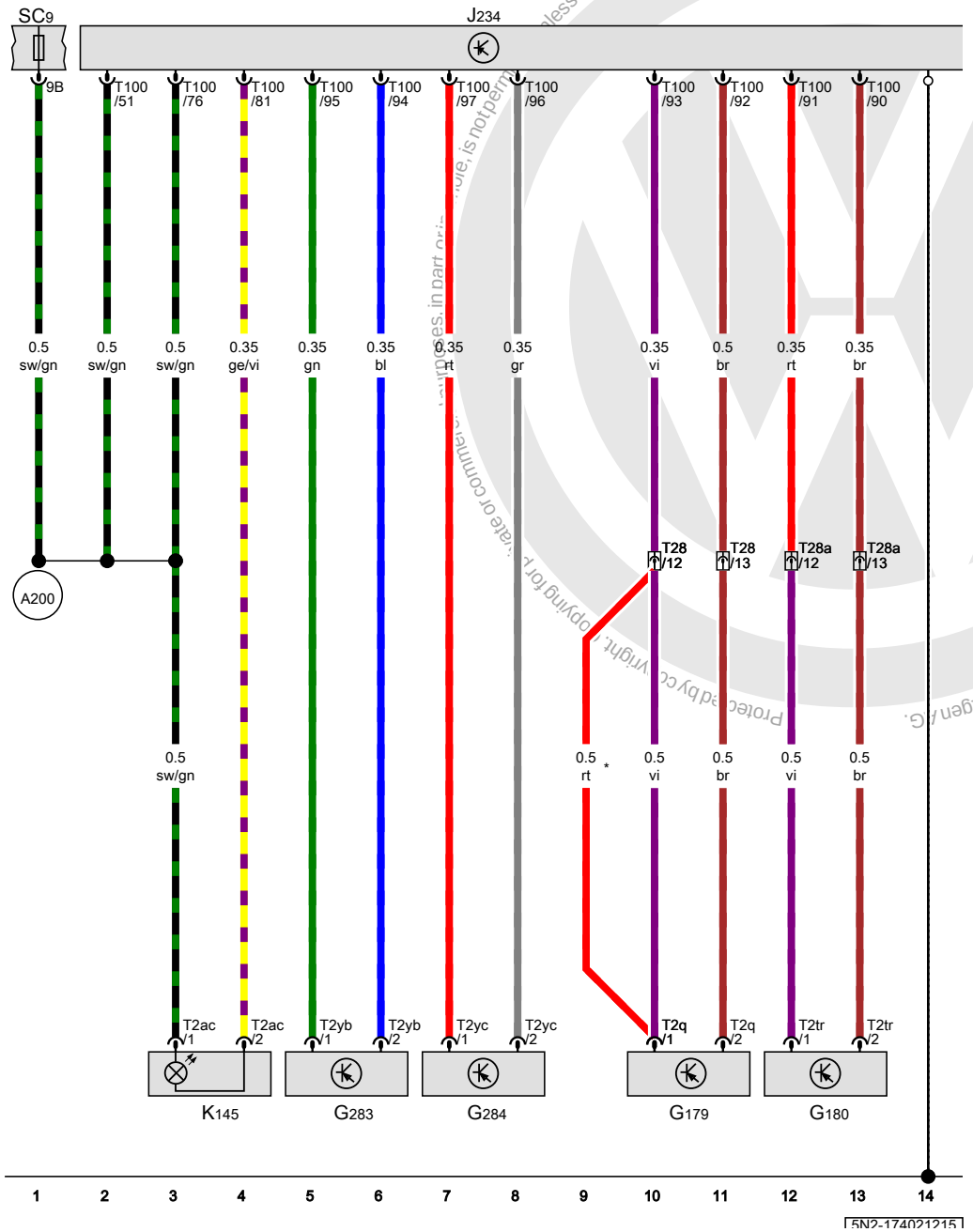
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gn	=	green
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Airbag systems (US equipment) , (4UM)

From November 2014

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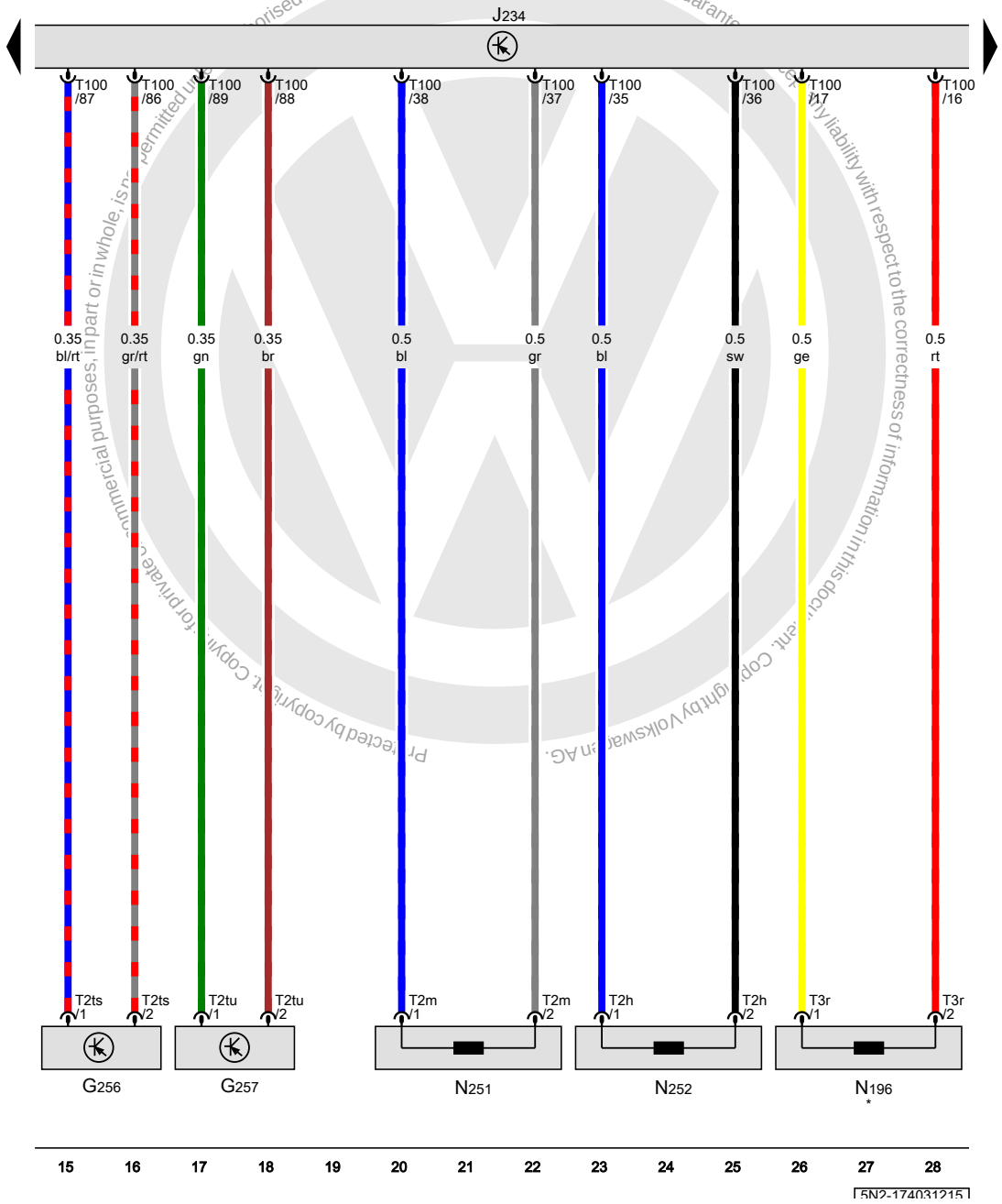


Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side, Airbag control unit, Front passenger side airbag deactivated warning lamp

G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
G283	Front airbag crash sensor for driver side
G284	Front airbag crash sensor for front passenger side
J234	Airbag control unit, under centre console
K145	Front passenger side airbag deactivated warning lamp
SC9	Fuse 9 on fuse holder C
T2ac	2-pin connector
T2q	2-pin connector
T2tr	2-pin connector
T2yb	2-pin connector
T2yc	2-pin connector
T28	28-pin connector
T28a	28-pin connector
T100	100-pin connector
A200	Positive connection 5 (15a) in dash panel wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

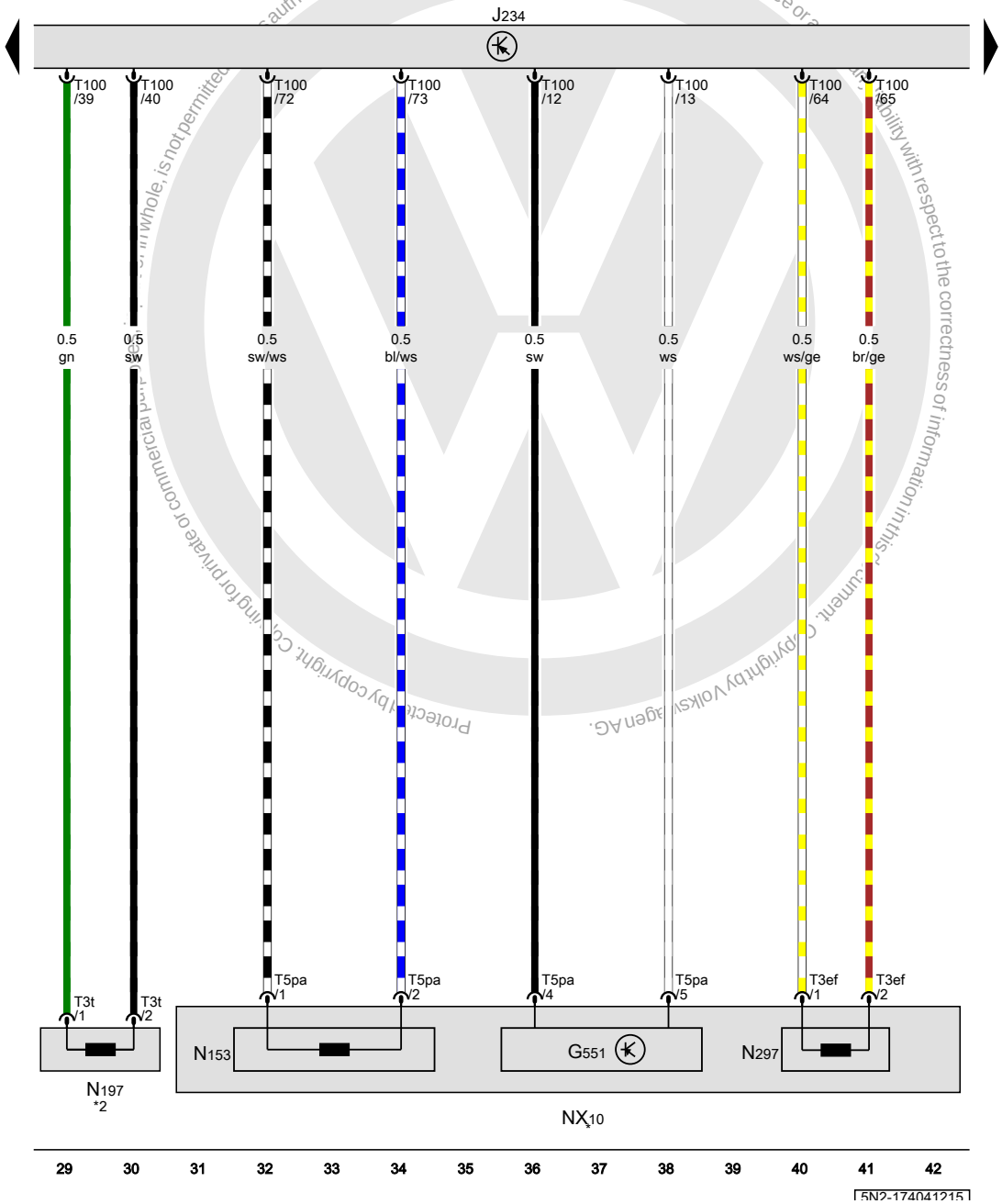
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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on front passenger side, Airbag control unit, Rear belt tensioner igniter on driver side, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on front passenger side
J234	Airbag control unit, under centre console
N196	Rear belt tensioner igniter on driver side
N251	Driver side curtain airbag igniter
N252	Front passenger side curtain airbag igniter
T2h	2-pin connector
T2m	2-pin connector
T2ts	2-pin connector
T2tu	2-pin connector
T3r	3-pin connector
T100	100-pin connector
*	According to equipment



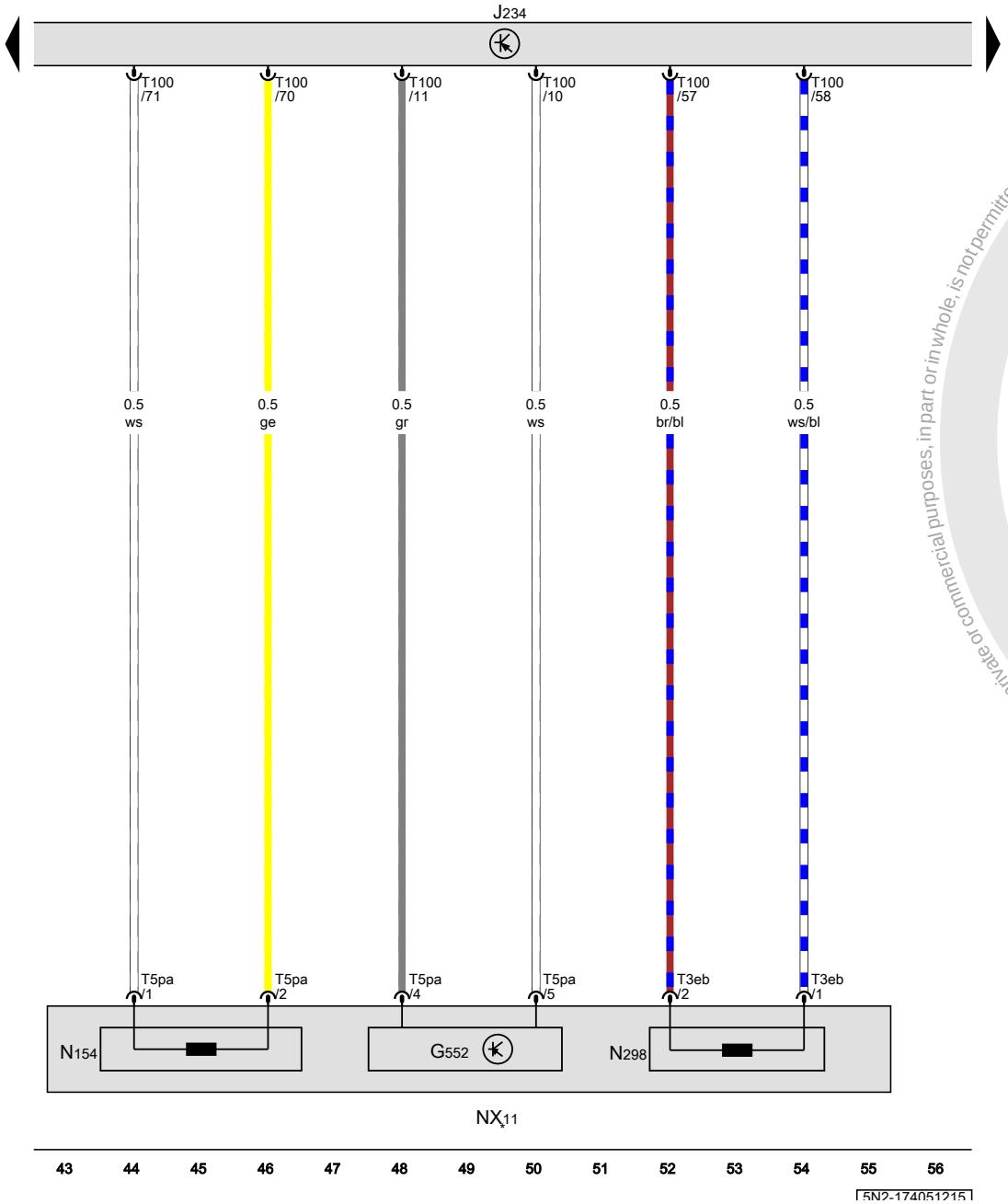
Driver side belt force limiter, Airbag control unit, Front left seat belt, Driver seat belt tensioner igniter 1, Rear belt tensioner igniter on front passenger side, Igniter for driver side seat belt tensioner 2

G551	Driver side belt force limiter
J234	Airbag control unit, under centre console
NX10	Front left seat belt
N153	Driver seat belt tensioner igniter 1
N197	Rear belt tensioner igniter on front passenger side
N297	Igniter for driver side seat belt tensioner 2
T3ef	3-pin connector
T3t	3-pin connector
T5pa	5-pin connector
T100	100-pin connector
*	Pre-wired component
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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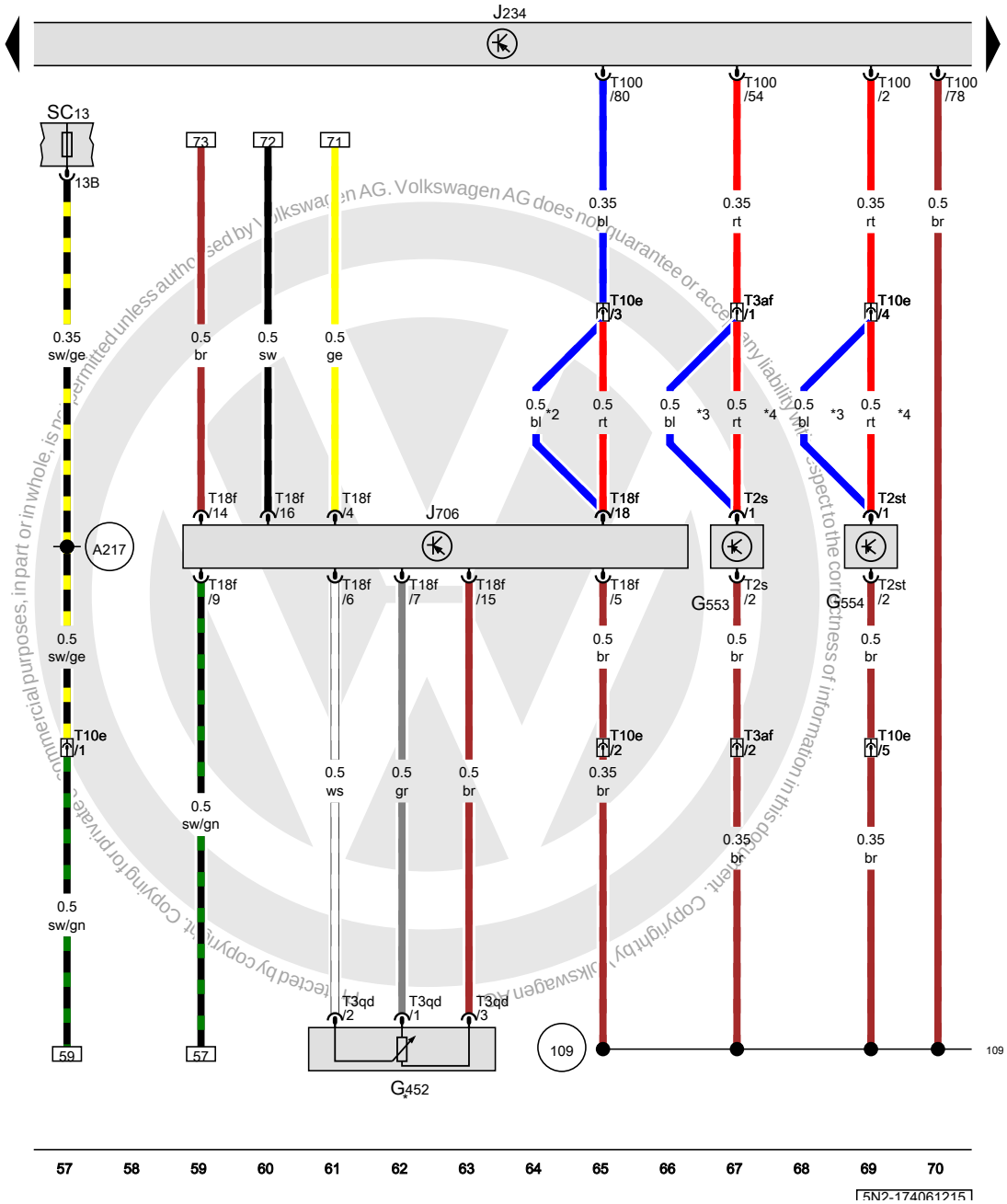
Front passenger side belt force limiter, Airbag control unit, Front right seat belt, Front passenger seat belt tensioner igniter 1, Igniter for front passenger side seat belt tensioner 2



G552	Front passenger side belt force limiter
J234	Airbag control unit, under centre console
NX11	Front right seat belt
N154	Front passenger seat belt tensioner igniter 1
N298	Igniter for front passenger side seat belt tensioner 2
T3eb	3-pin connector
T5pa	5-pin connector
T100	100-pin connector
*	Pre-wired component

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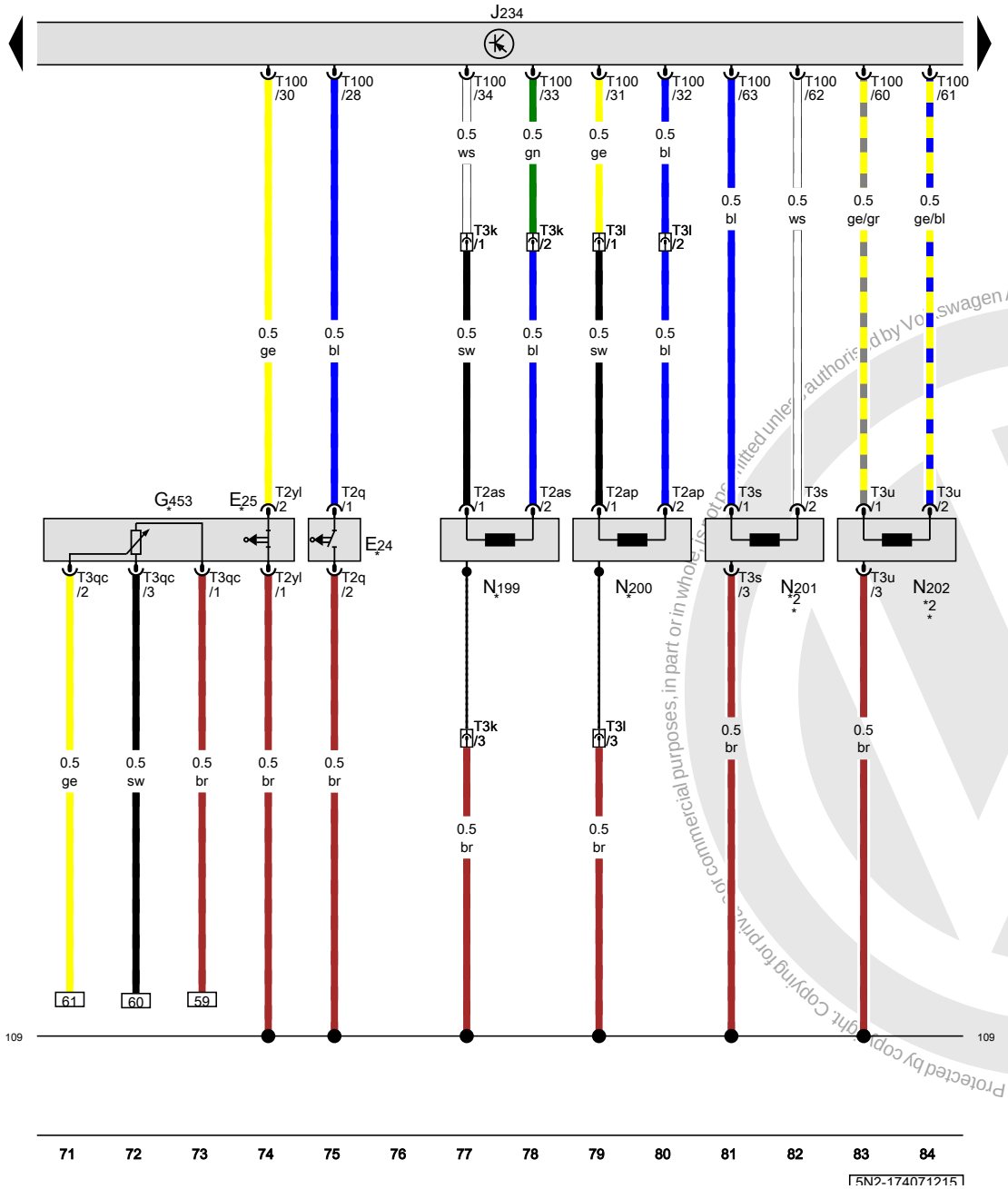


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Pressure sensor for seat occupied recognition, Driver side seat position sensor, Front passenger side seat position sensor, Airbag control unit, Seat occupied recognition control unit

G452	Pressure sensor for seat occupied recognition
G553	Driver side seat position sensor
G554	Front passenger side seat position sensor
J234	Airbag control unit, under centre console
J706	Seat occupied recognition control unit
SC13	Fuse 13 on fuse holder C
T2s	2-pin connector
T2st	2-pin connector
T3af	3-pin connector
T3qd	3-pin connector
T10e	10-pin connector
T18f	18-pin connector
T100	100-pin connector
109	Earth connection, in airbag wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
*	Pre-wired component
*2	According to equipment
*3	From May 2015
*4	Up to May 2015

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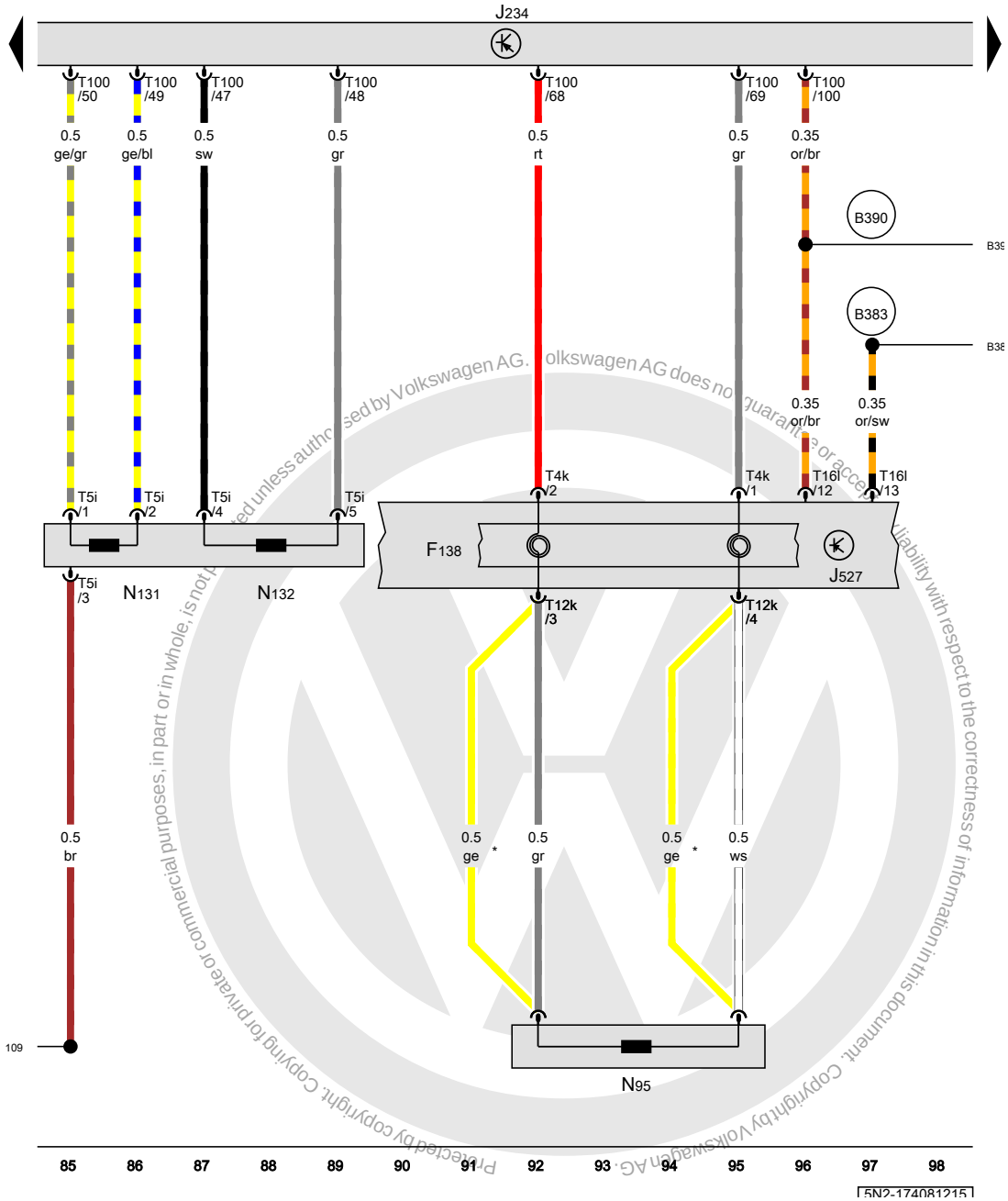


Driver side belt switch, Front passenger side belt switch, Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side, Rear side airbag igniter on driver side, Rear side airbag igniter on front passenger side

E24	Driver side belt switch
E25	Front passenger side belt switch
G453	Seat belt force sensor for seat occupied recognition
J234	Airbag control unit, under centre console
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
N201	Rear side airbag igniter on driver side
N202	Rear side airbag igniter on front passenger side
T2ap	2-pin connector
T2as	2-pin connector
T2q	2-pin connector
T2yl	2-pin connector
T3k	3-pin connector
T3l	3-pin connector
T3qc	3-pin connector
T3s	3-pin connector
T3u	3-pin connector
T100	100-pin connector
109	Earth connection, in airbag wiring harness
*	Pre-wired component
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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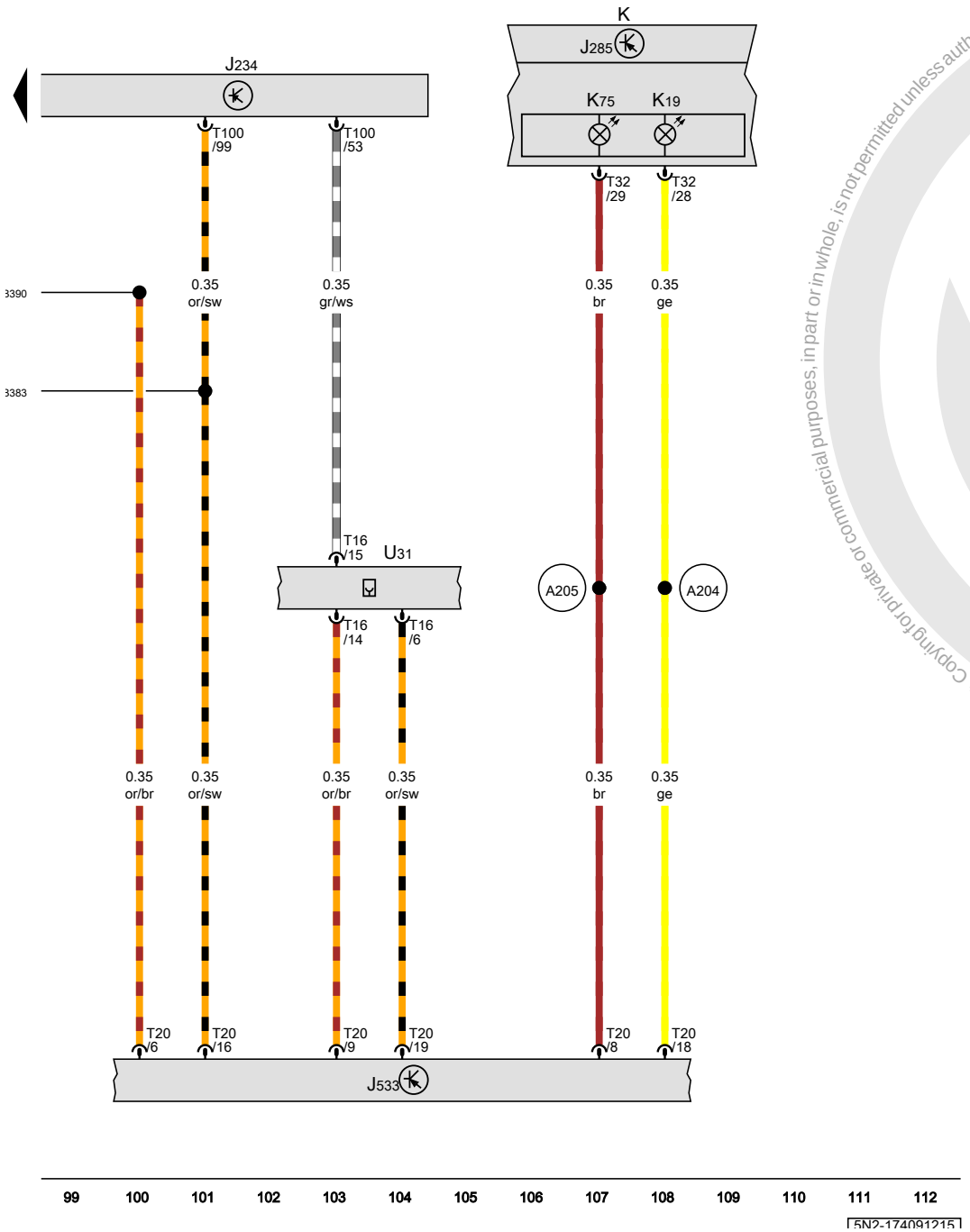


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Airbag control unit, Steering column electronics control unit, Driver side airbag igniter, Front passenger side airbag igniter 1, Front passenger side airbag igniter 2

F138	Airbag coil connector and return ring with slip ring
J234	Airbag control unit, under centre console
J527	Steering column electronics control unit
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
N132	Front passenger side airbag igniter 2
T4k	4-pin connector
T5i	5-pin connector
T12k	12-pin connector
T16l	16-pin connector
T100	100-pin connector
109	Earth connection, in airbag wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Airbag control unit, Control unit in dash panel insert, Data bus diagnostic interface, Diagnostic connection

J234	Airbag control unit, under centre console
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K	Dash panel insert
K19	Seat belt warning system warning lamp
K75	Airbag warning lamp
T16	16-pin connector
T20	20-pin connector
T32	32-pin connector
T100	100-pin connector
U31	Diagnostic connection
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

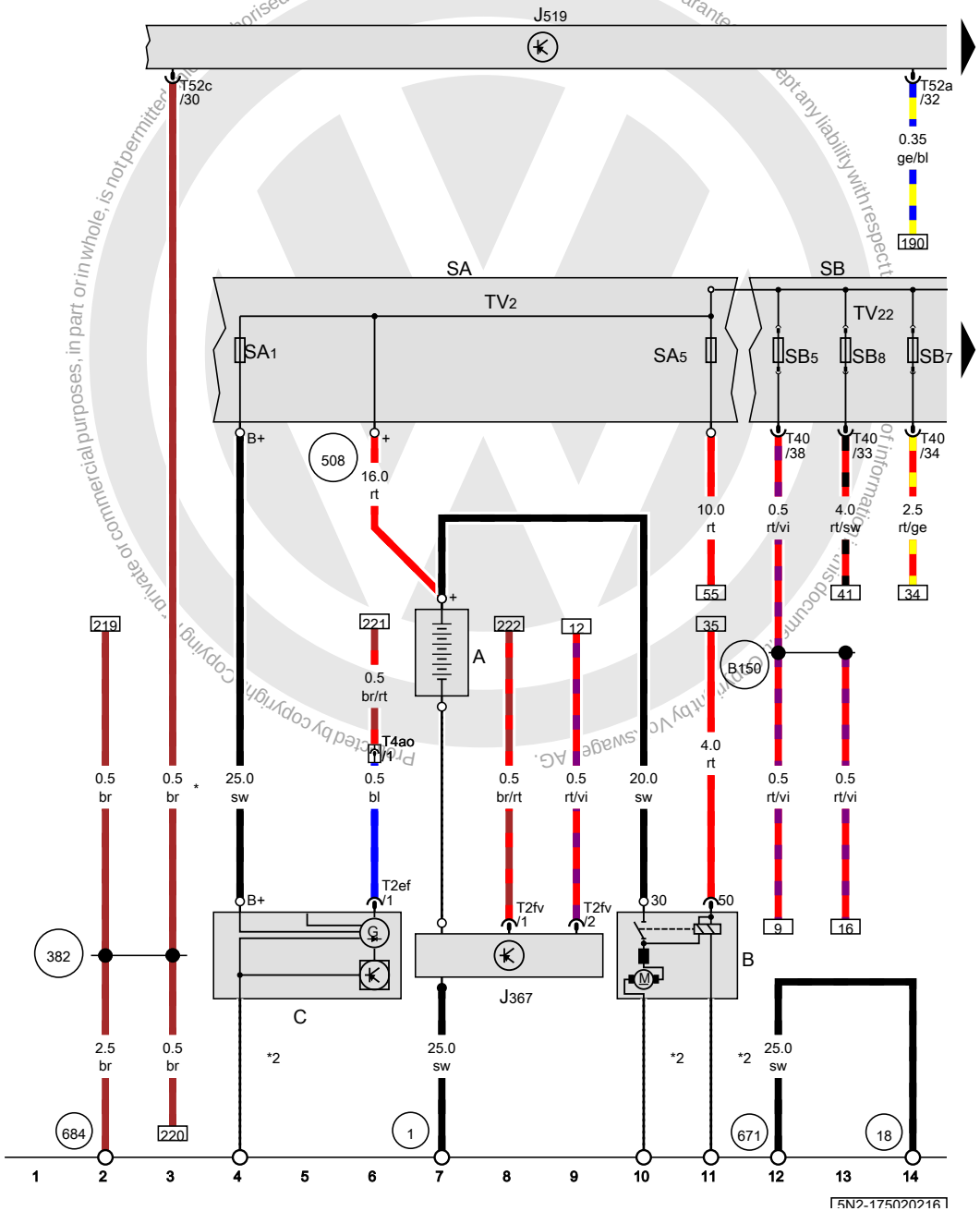
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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ge	=	yellow
or	=	orange
rs	=	pink

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1.4l petrol engine , CZDA,CZDB

From May 2015

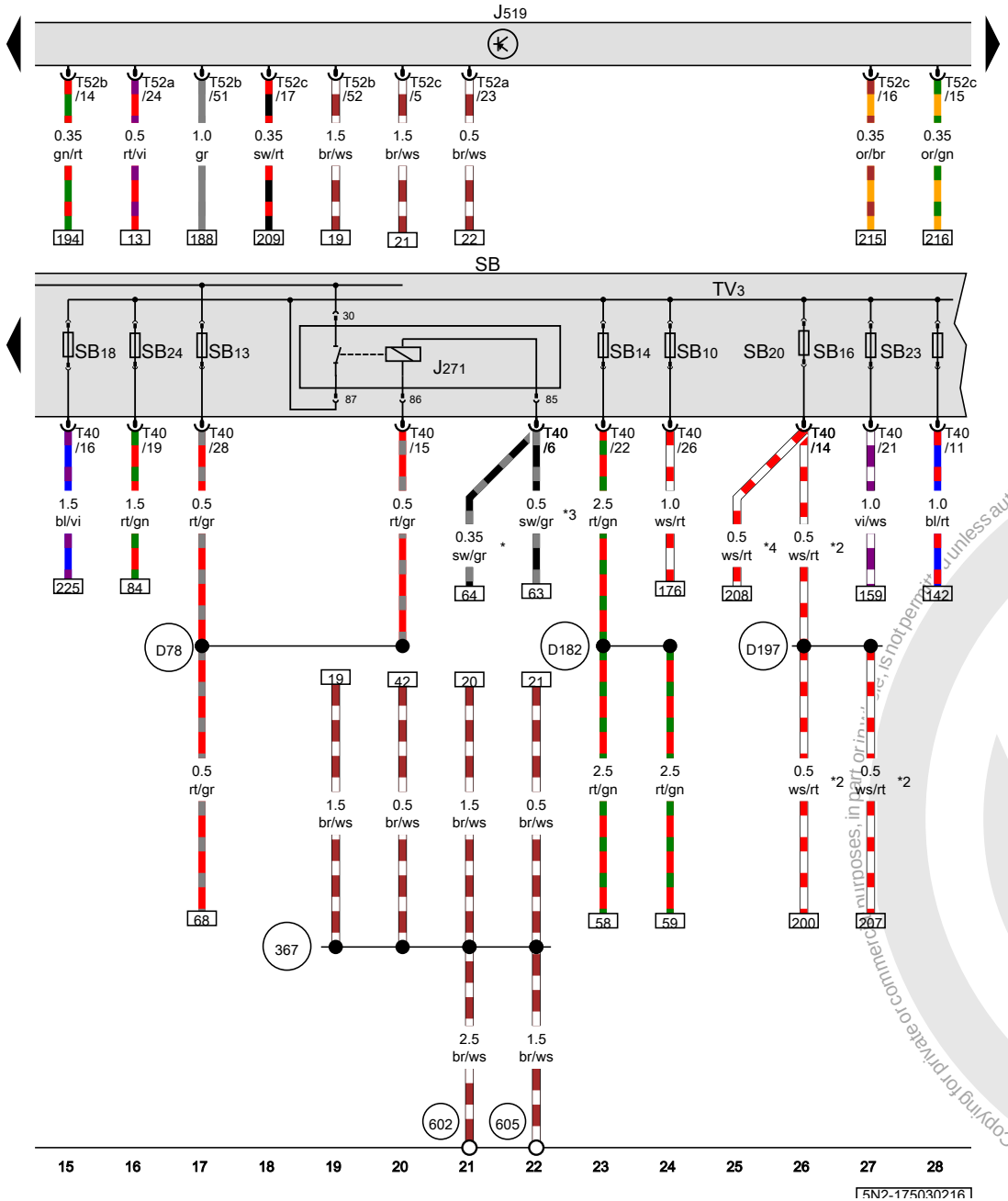
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ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
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ge	=	yellow
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rs	=	pink

Battery, Starter, Alternator, Battery monitor control unit, Onboard supply control unit, Fuse holder A, Fuse holder B

A	Battery
B	Starter
C	Alternator
J367	Battery monitor control unit
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB5	Fuse 5 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T2ef	2-pin connector, black
T2fv	2-pin connector, black
T4ao	4-pin connector, black
T40	40-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
B150	Positive connection 2 (30a), in interior wiring harness
*	According to equipment
*2	Earth supply via housing



Main relay, Onboard supply control unit, Fuse holder B

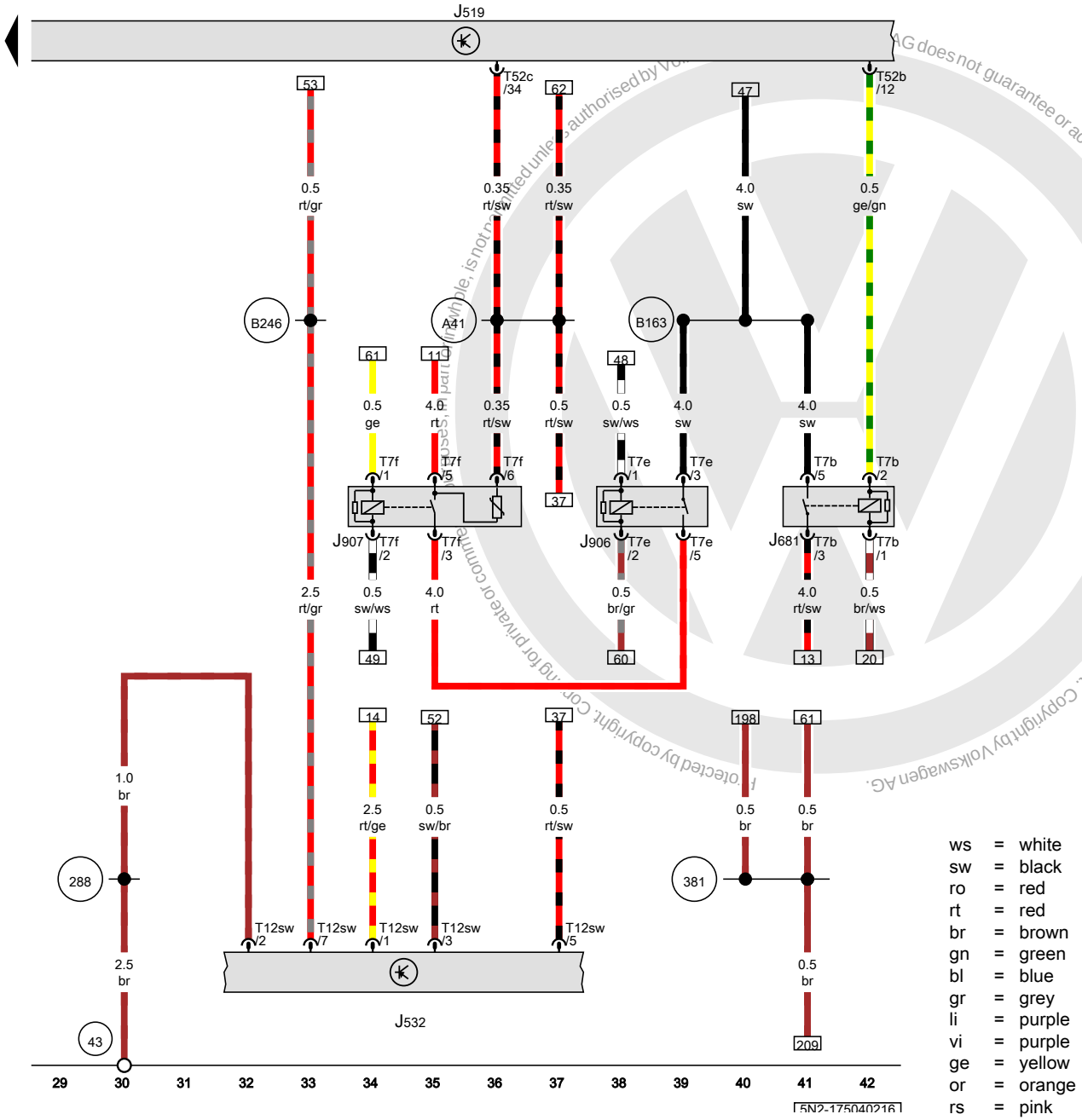
J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T40	40-pin connector, black
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
TV3	Terminal 30a wiring junction
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
D197	Connection 5 (87a), in engine compartment wiring harness
*	Only right-hand drive models
*2	Only models with manual gearbox
*3	Only left-hand drive models
*4	Only models with no manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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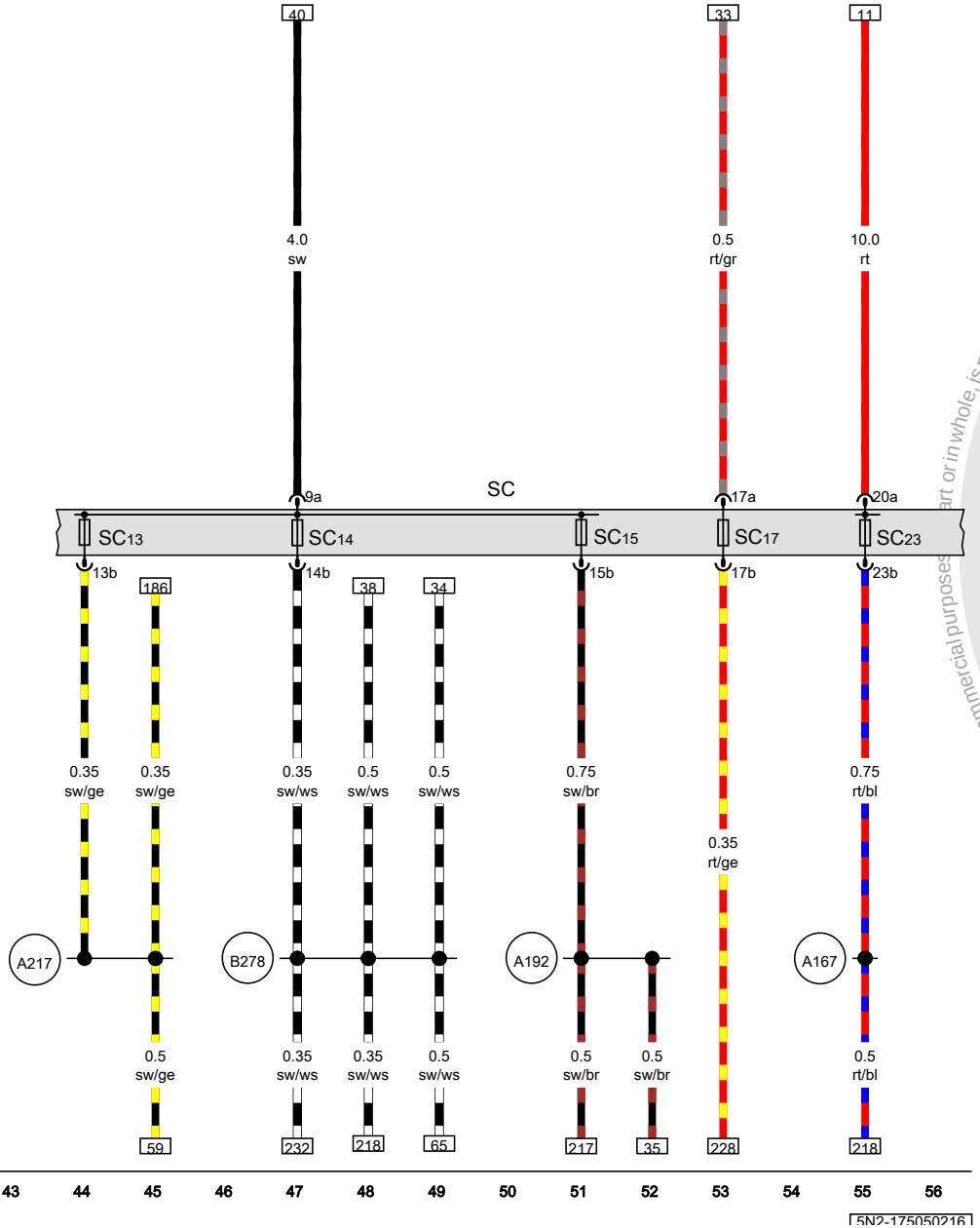
Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2

J519	Onboard supply control unit
J532	Voltage stabiliser
J681	Terminal 15 voltage supply relay 2
J906	Starter relay 1
J907	Starter relay 2
T7b	7-pin connector, black
T7e	7-pin connector, red
T7f	7-pin connector, green
T12sw	12-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
381	Earth connection 16, in main wiring harness
A41	Positive connection (50), in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B246	Positive connection (30a, stabilised), in interior wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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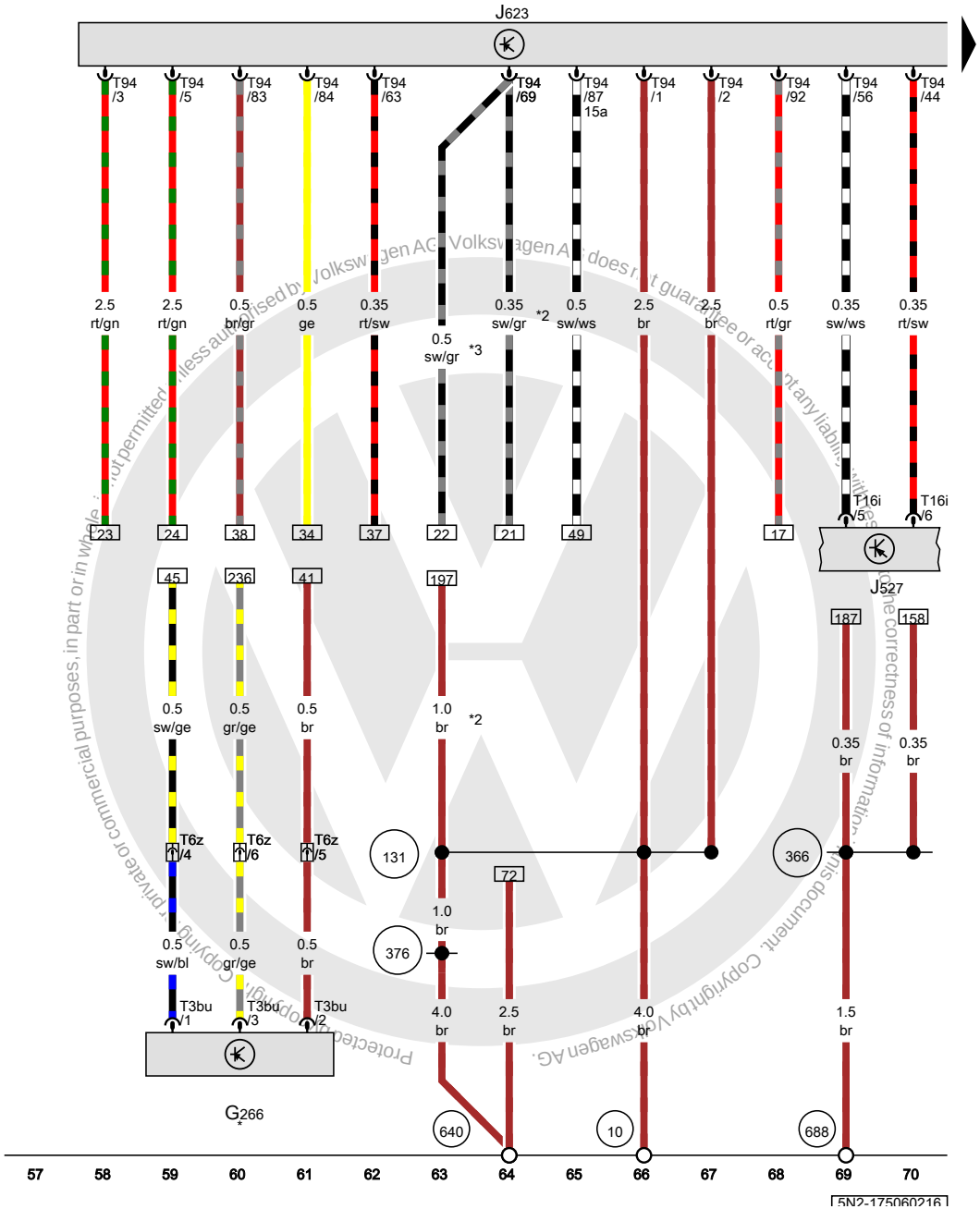


Fuse holder C

SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC17	Fuse 17 on fuse holder C
SC23	Fuse 23 on fuse holder C
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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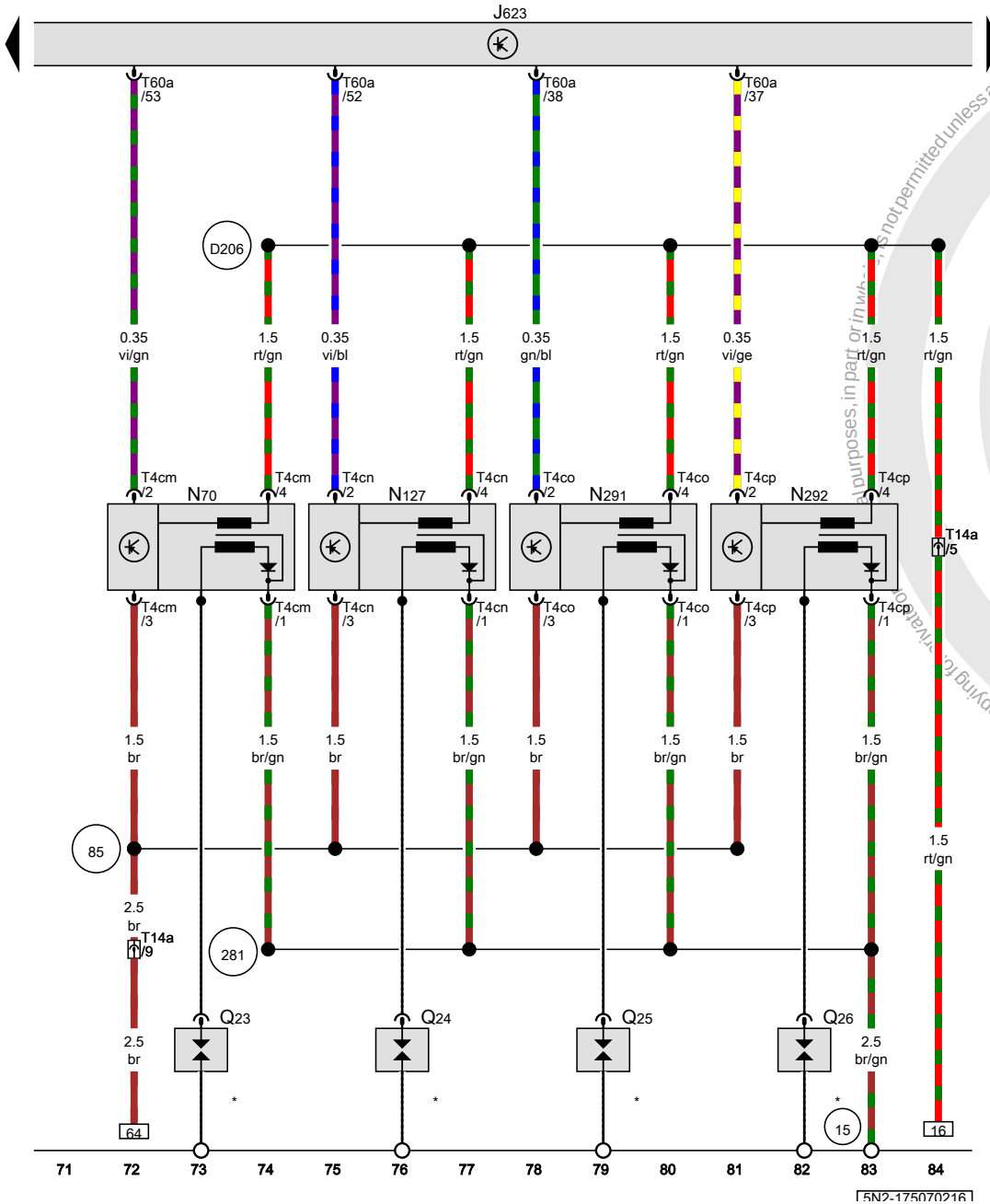


Oil level and oil temperature sender, Engine control unit

G266	Oil level and oil temperature sender
J527	Steering column electronics control unit
J623	Engine control unit
T3bu	3-pin connector, black
T6z	6-pin connector, black
T16i	16-pin connector, black
T94	94-pin connector, black
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
376	Earth connection 11, in main wiring harness
640	Earth point 2, left in engine compartment
688	Earth point 2, on centre tunnel
*	According to equipment
*2	Only right-hand drive models
*3	Only left-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
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or	=	orange
rs	=	pink

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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

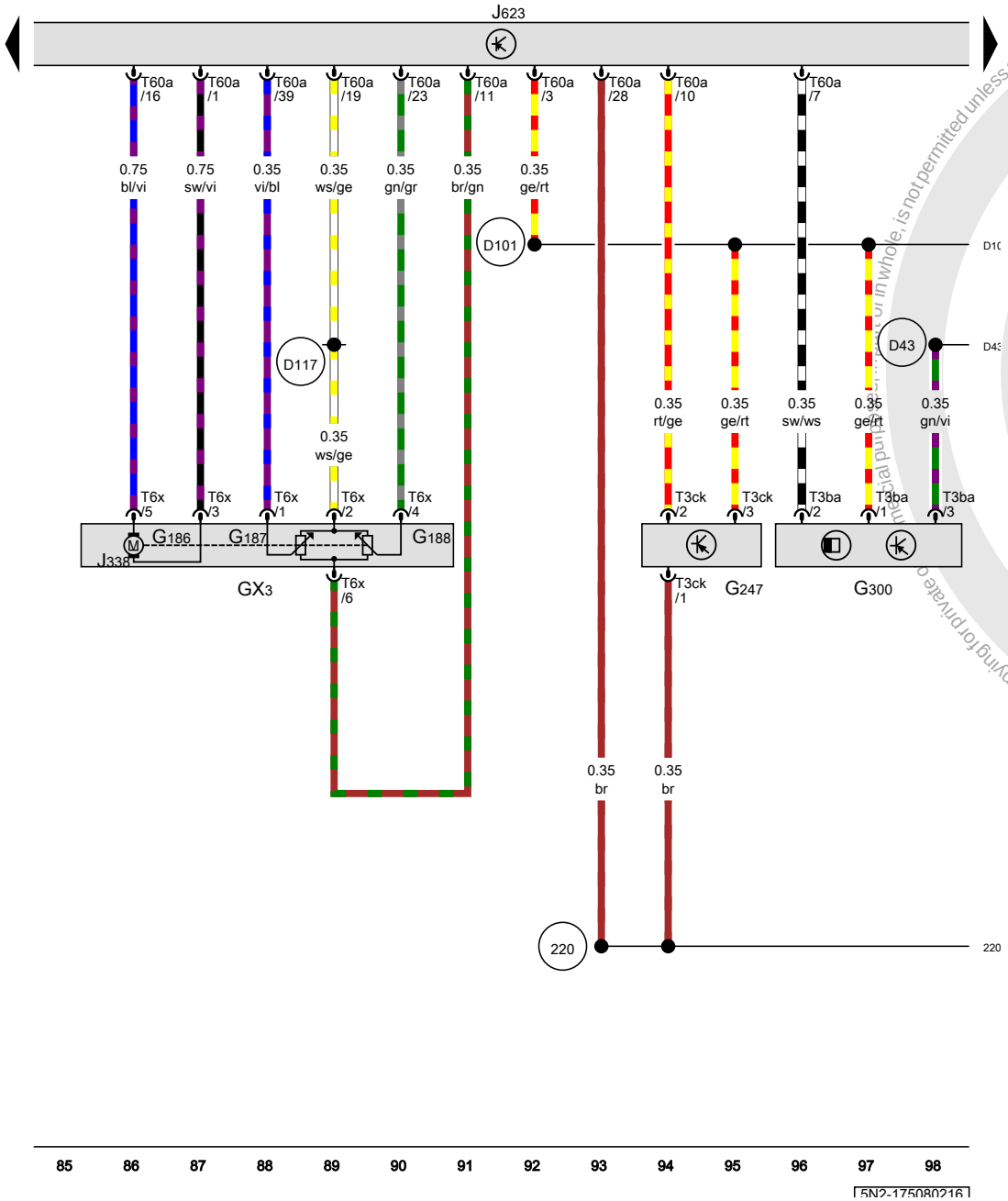
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector, black
T4cn	4-pin connector, black
T4co	4-pin connector, black
T4cp	4-pin connector, black
T14a	14-pin connector, grey
T60a	60-pin connector, black
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	Earth supply via housing

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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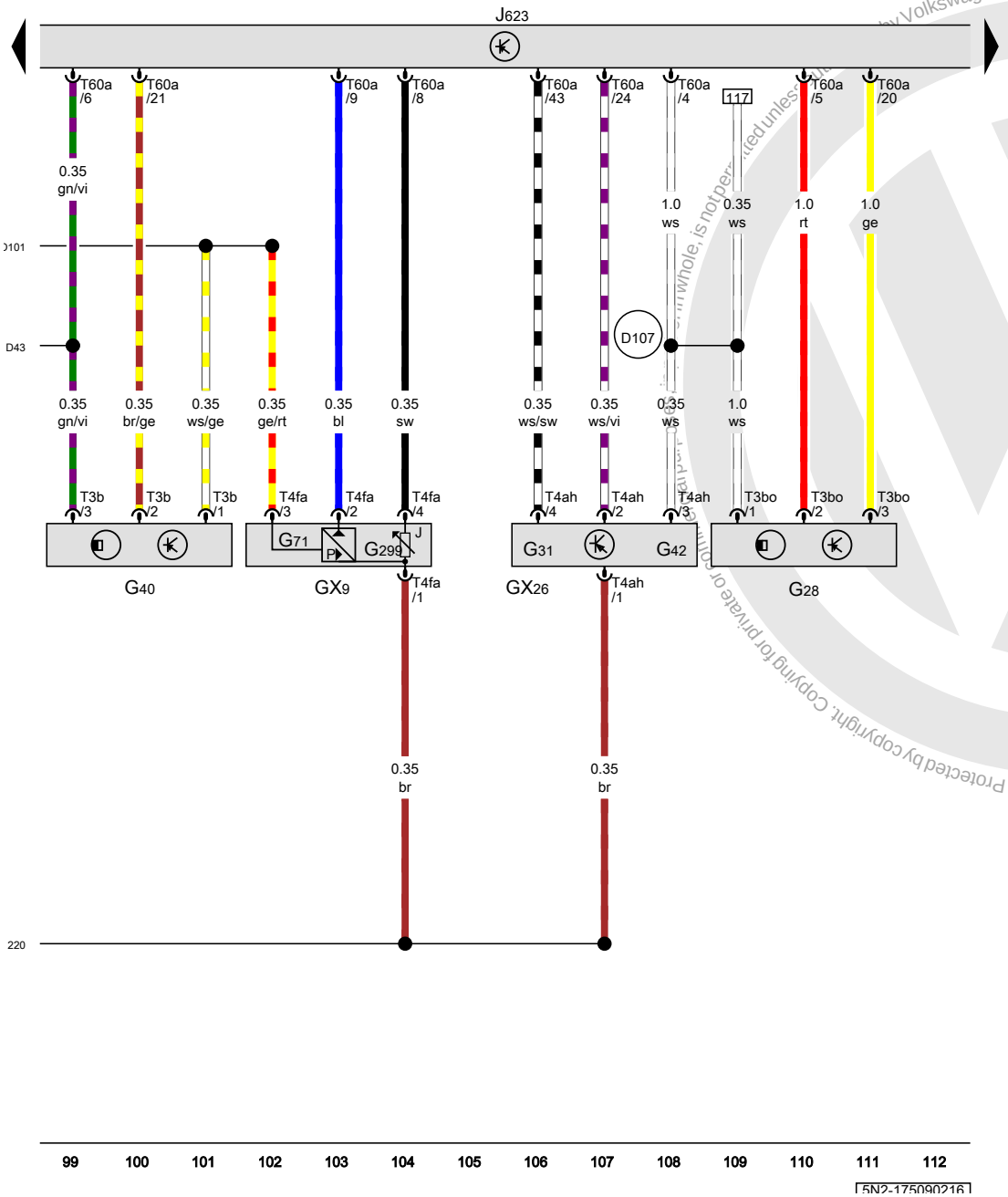
Throttle valve module, Fuel pressure sender, Hall sender 3, Engine control unit, Connection 5, in engine prewiring harness

GX3	Throttle valve module
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
G300	Hall sender 3
J338	Throttle valve module
J623	Engine control unit
T3ba	3-pin connector, black
T3ck	3-pin connector, black
T6x	6-pin connector, black
T60a	60-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D43	Connection 5, in engine prewiring harness
D101	Connection 1 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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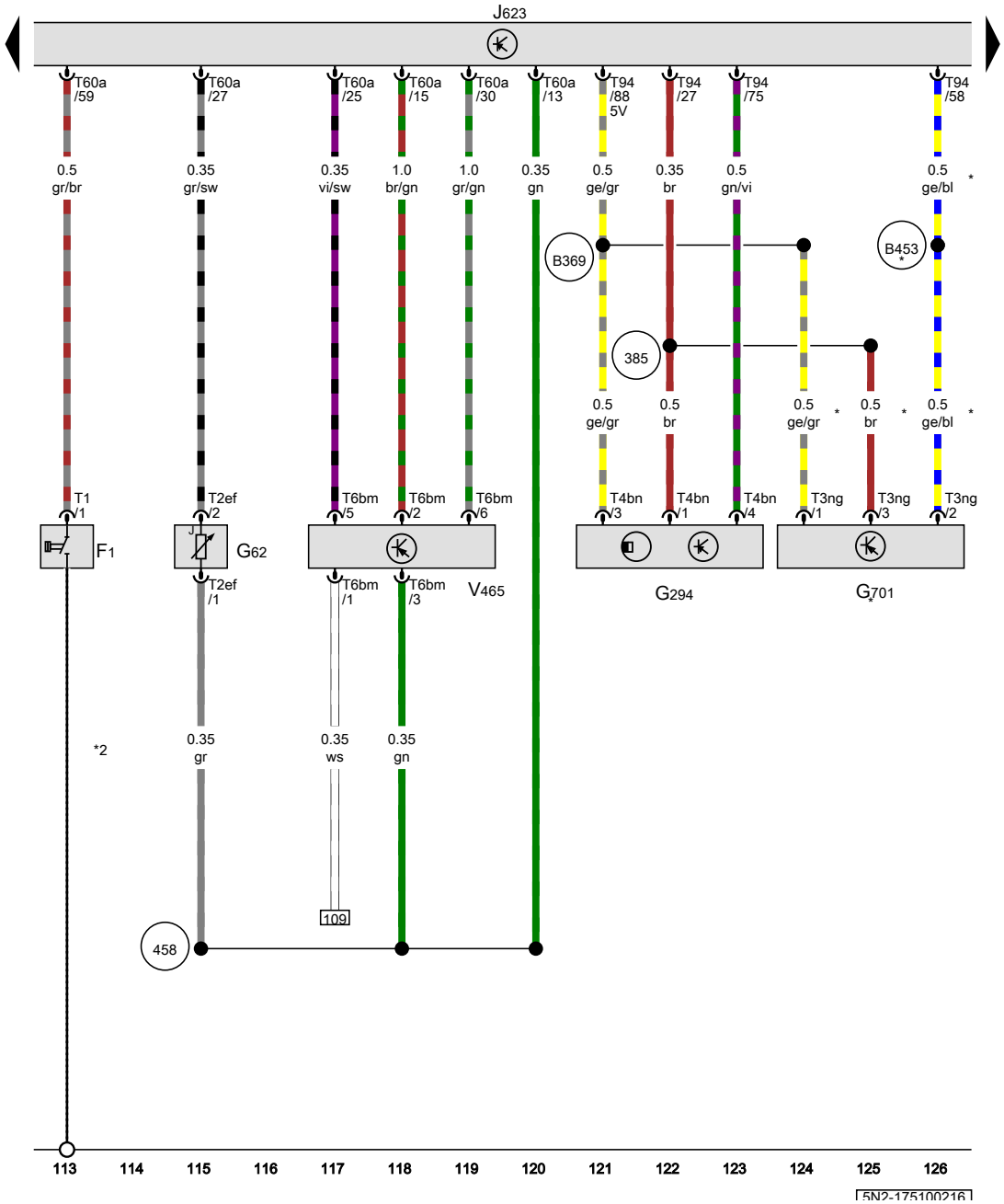


Intake manifold sender, Charge pressure sender, Engine speed sender, Intake manifold pressure sender, Intake air temperature sender 2, Engine control unit, Connection 5, in engine prewiring harness

GX9	Intake manifold sender
GX26	Charge pressure sender
G28	Engine speed sender
G31	Charge pressure sender
G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G299	Intake air temperature sender 2
J623	Engine control unit
T3b	3-pin connector, black
T3bo	3-pin connector, black
T4ah	4-pin connector, black
T4fa	4-pin connector, black
T60a	60-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D43	Connection 5, in engine prewiring harness
D101	Connection 1 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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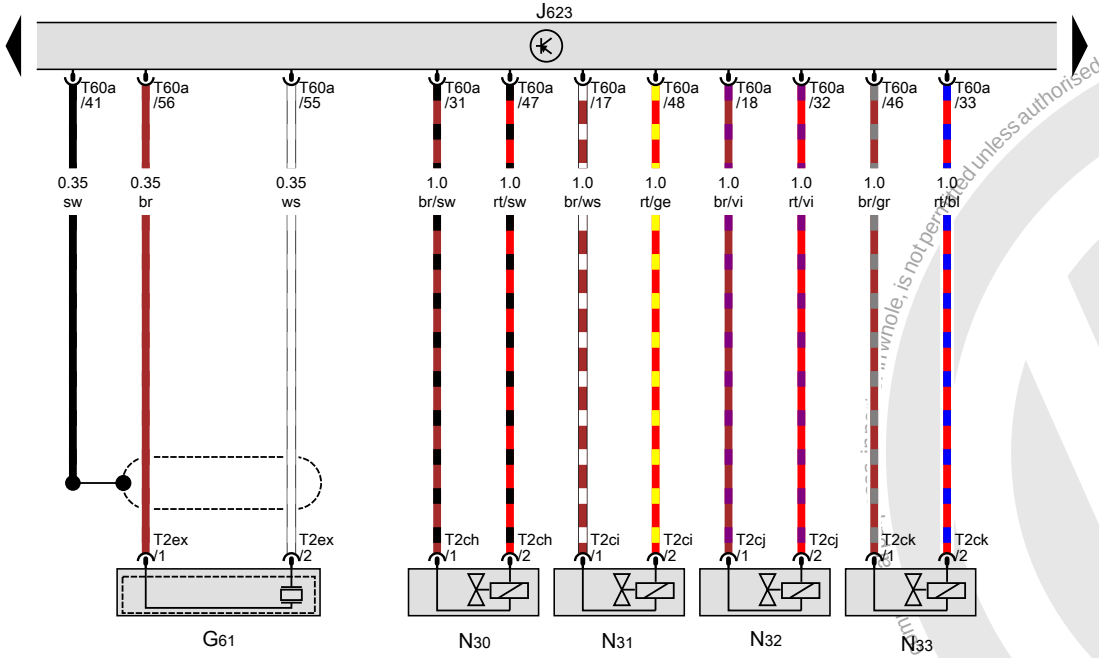
Oil pressure switch, Coolant temperature sender, Brake servo pressure sensor, Engine control unit, Charge pressure positioner

F1	Oil pressure switch
G62	Coolant temperature sender
G294	Brake servo pressure sensor
G701	Gearbox neutral position sender
J623	Engine control unit
T1	Single connector, dark blue
T2ef	2-pin connector, black
T3ng	3-pin connector, black
T4bn	4-pin connector, black
T6bm	6-pin connector, grey
T60a	60-pin connector, black
T94	94-pin connector, black
V465	Charge pressure positioner
385	Earth connection 20, in main wiring harness
458	Earth point 3, engine prewiring harness
B369	Connection 1 (5V), in main wiring harness
B453	Connection 1 (sensor), in main wiring harness
*	Only models with manual gearbox
*2	Earth supply via housing

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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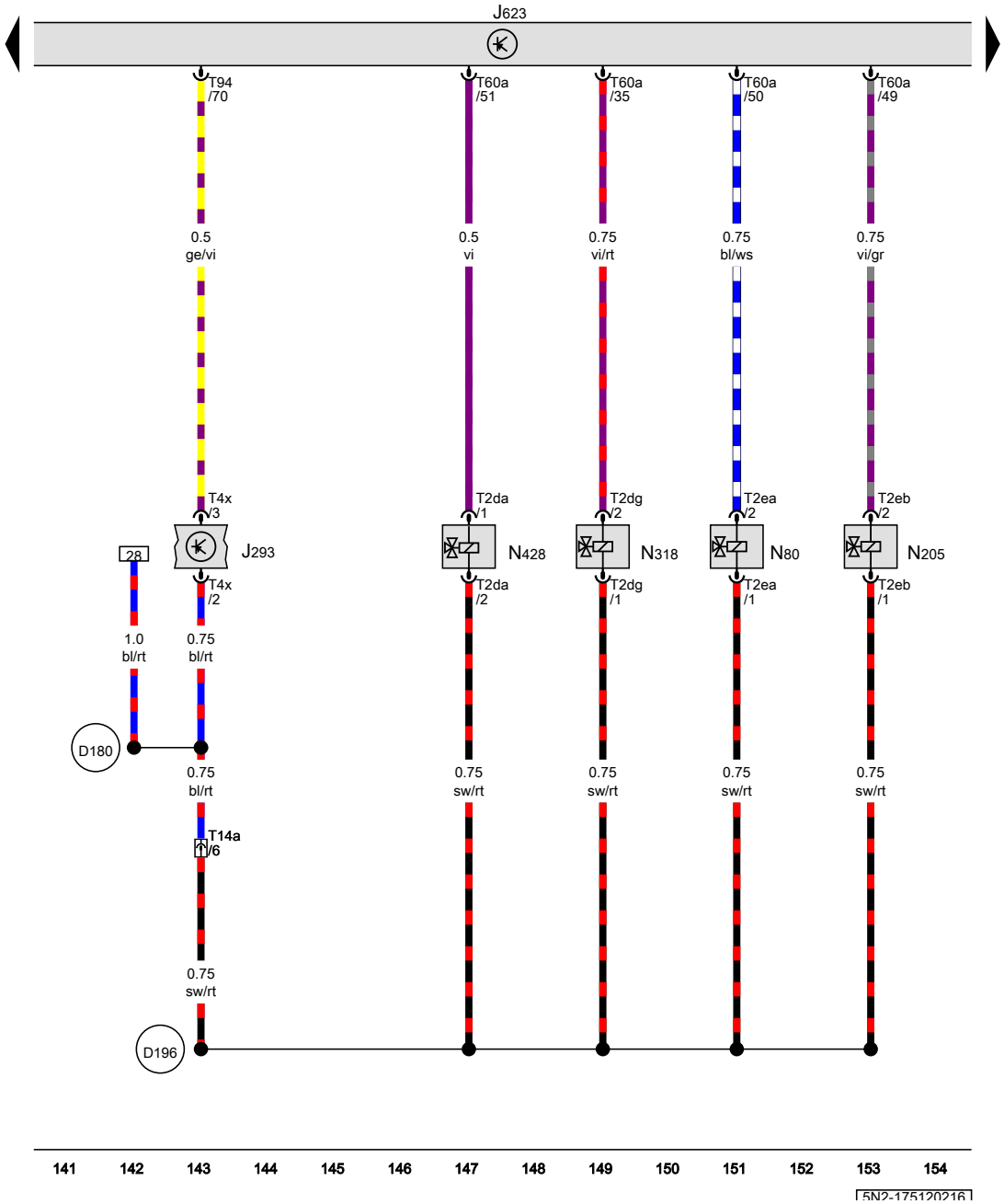
Knock sensor 1, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4



G61	Knock sensor 1
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector, black
T2ci	2-pin connector, black
T2cj	2-pin connector, black
T2ck	2-pin connector, black
T2ex	2-pin connector, black
T60a	60-pin connector, black

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

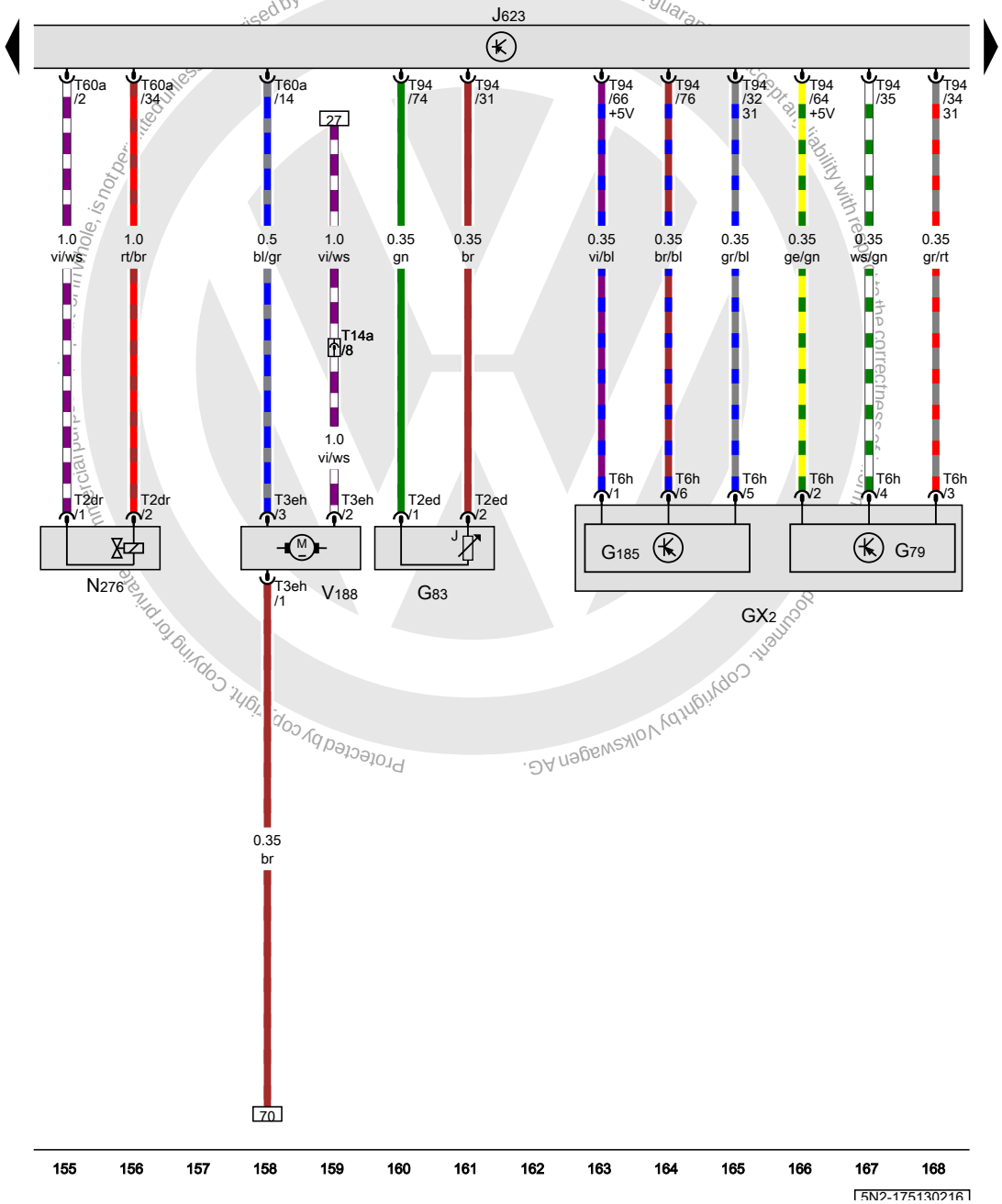


Radiator fan control unit, Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control

J293	Radiator fan control unit
J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N318	Exhaust camshaft control valve 1
N428	Valve for oil pressure control
T2da	2-pin connector, black
T2dg	2-pin connector, black
T2ea	2-pin connector, black
T2eb	2-pin connector, black
T4x	4-pin connector, black
T14a	14-pin connector, grey
T60a	60-pin connector, black
T94	94-pin connector, black
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

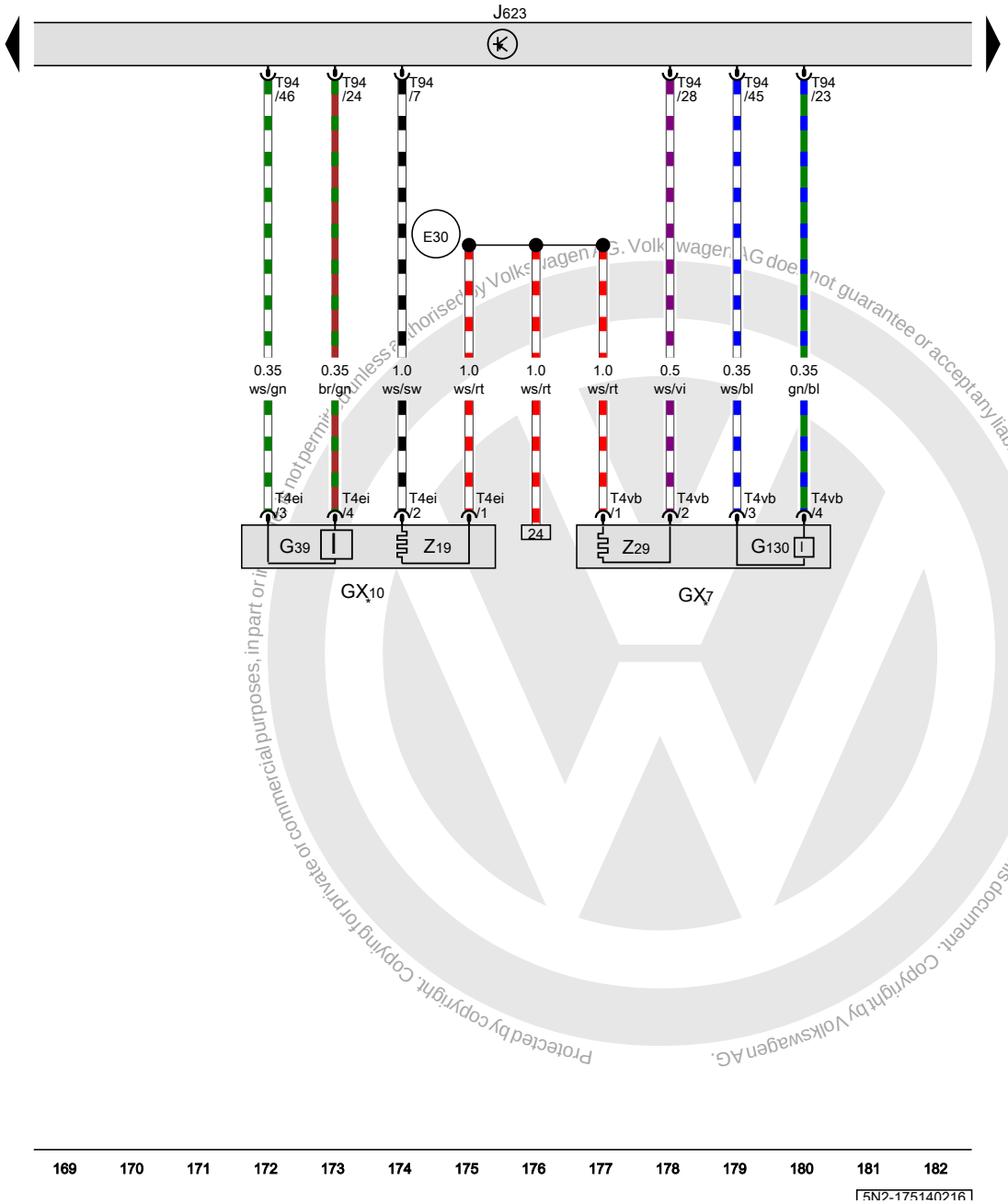
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Accelerator pedal module, Accelerator position sender, Radiator outlet coolant temperature sender, Accelerator position sender 2, Engine control unit, Fuel pressure regulating valve, Charge air cooling pump

GX2	Accelerator pedal module
G79	Accelerator position sender
G83	Radiator outlet coolant temperature sender
G185	Accelerator position sender 2
J623	Engine control unit
N276	Fuel pressure regulating valve
T2dr	2-pin connector, black
T2ed	2-pin connector, black
T3eh	3-pin connector, black
T6h	6-pin connector, black
T14a	14-pin connector, grey
T60a	60-pin connector, black
T94	94-pin connector, black
V188	Charge air cooling pump

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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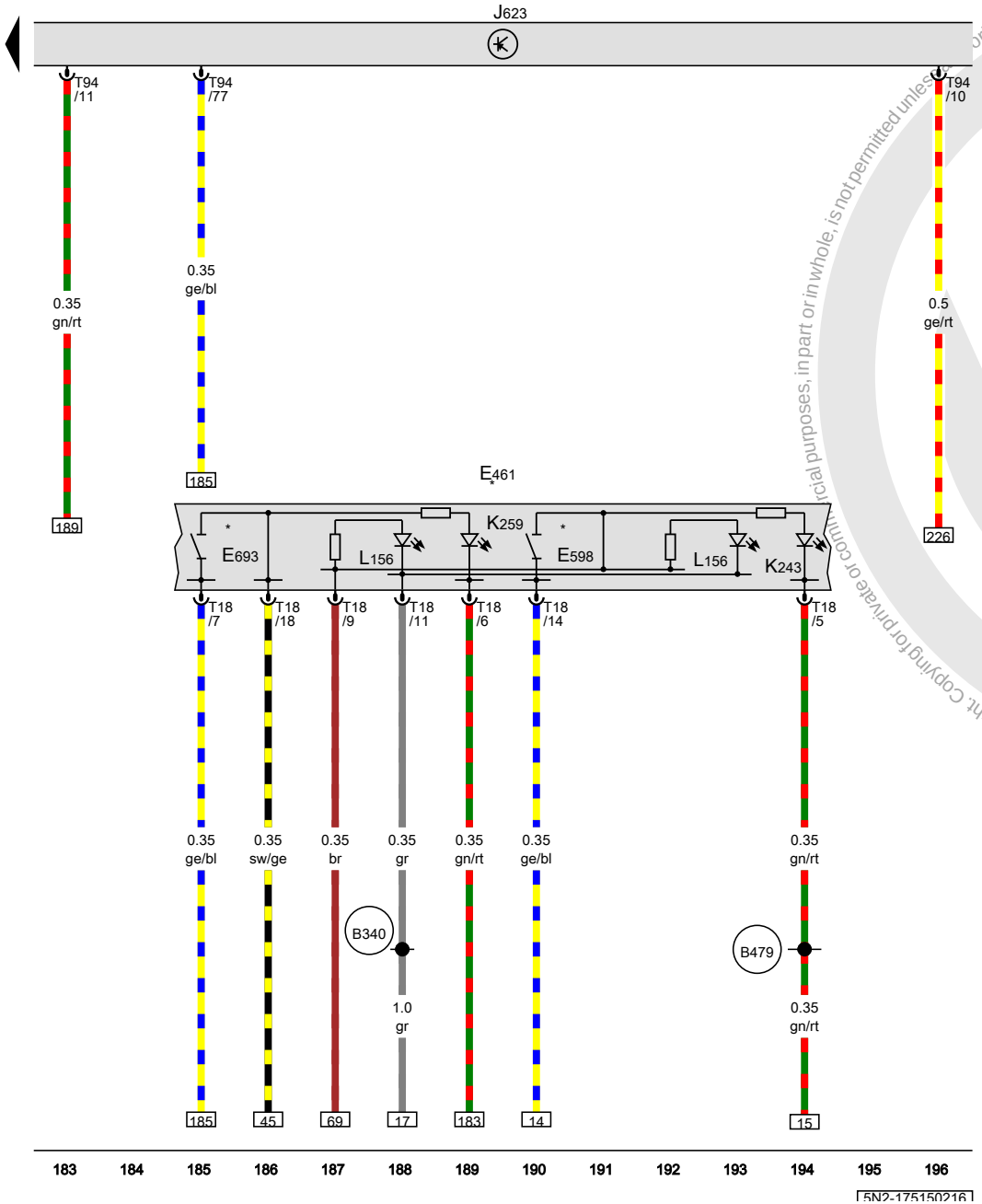
Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater

GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4ei	4-pin connector, brown
T4vb	4-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
E30	Connection (87a), in engine wiring harness
*	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

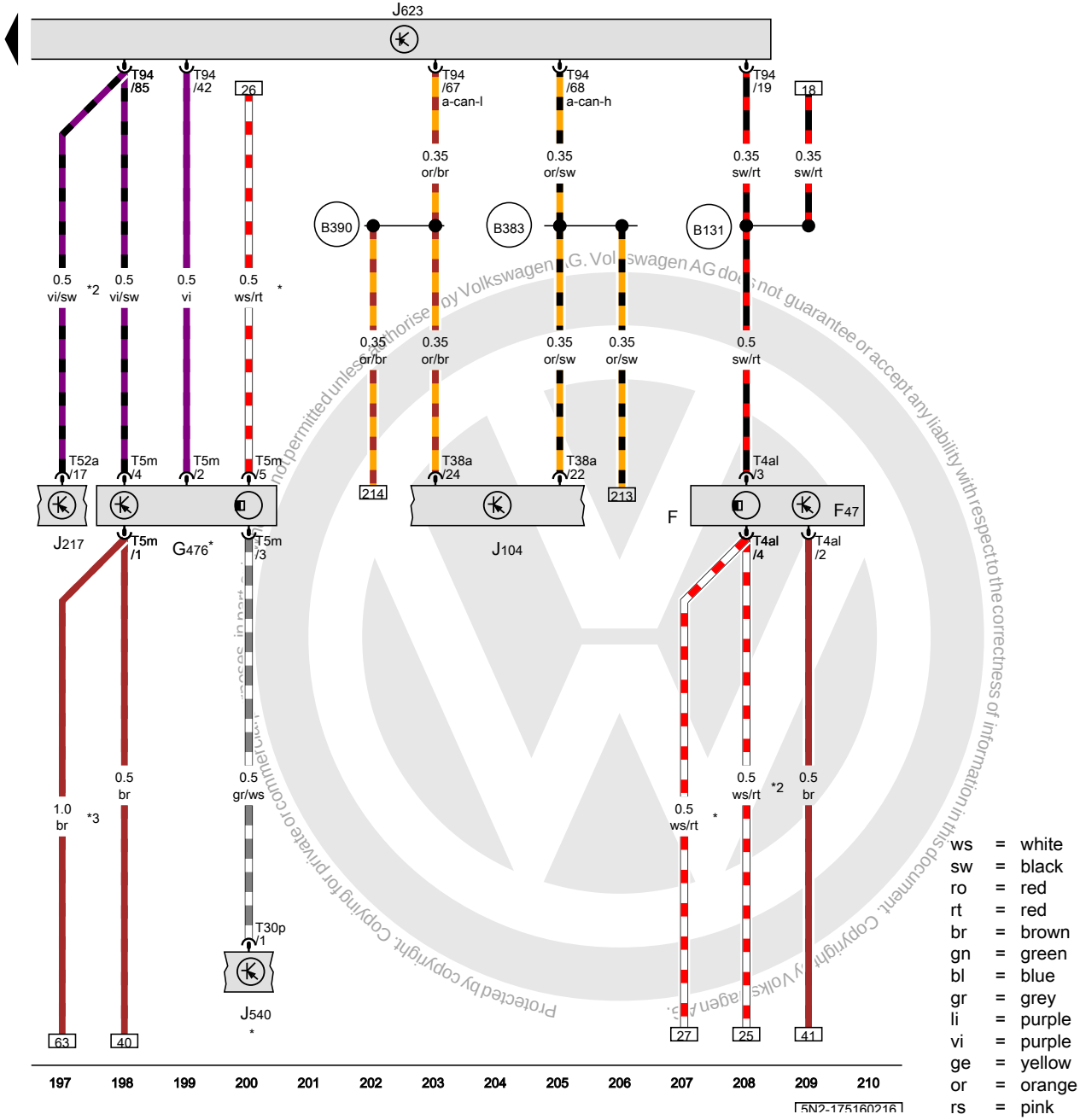
Operating unit in front of centre console, Start/Stop operation button, Engine control unit

E461	Operating unit in front of centre console
E598	Driving program button
E693	Start/Stop operation button
J623	Engine control unit
K243	Driving program warning light
K259	Start/Stop operation warning lamp
L156	Switch illumination bulb
T18	18-pin connector, black
T94	94-pin connector, black
B340	Connection 1 (58d), in main wiring harness
B479	Connection 15, in main wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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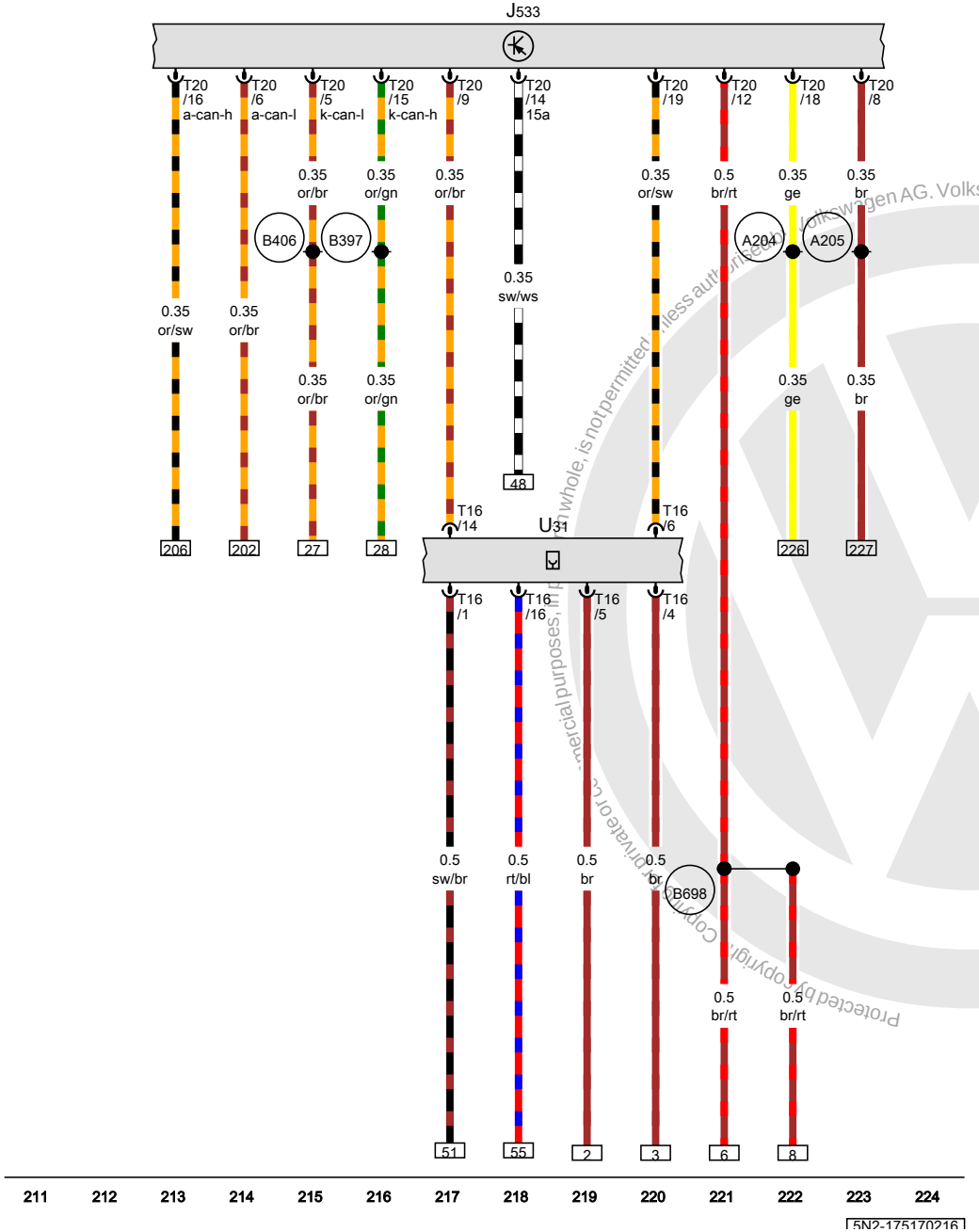


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Brake light switch, Clutch position sender, Control unit for electromechanical parking brake, Engine control unit

F	Brake light switch
F47	Brake pedal switch
G476	Clutch position sender
J104	ABS control unit
J217	Automatic gearbox control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T4al	4-pin connector, black
T5m	5-pin connector, black
T30p	30-pin connector, black
T38a	38-pin connector, brown
T52a	52-pin connector, black
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only models with no manual gearbox
*3	Only right-hand drive models

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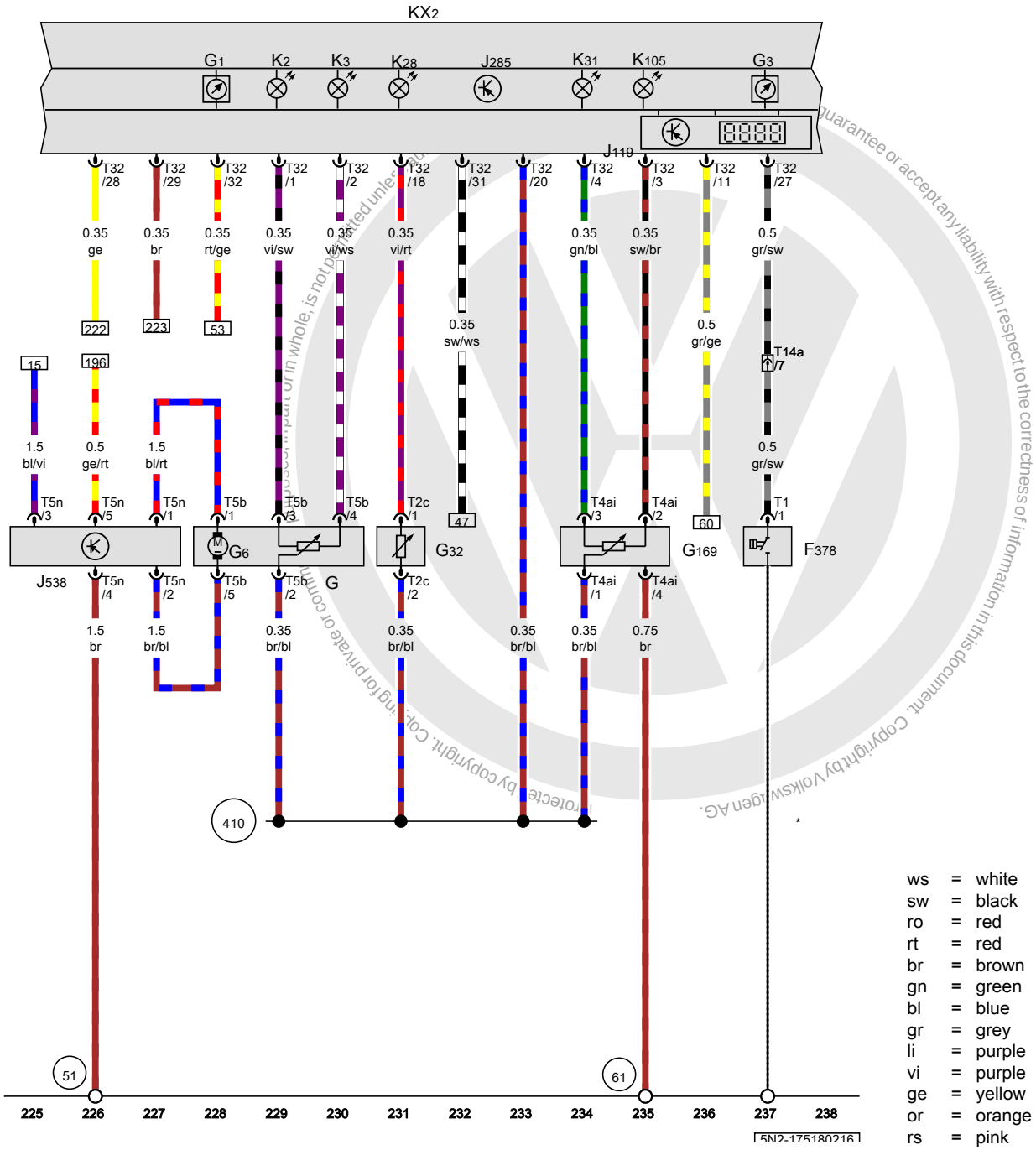


Data bus diagnostic interface, Diagnostic connection

J533	Data bus diagnostic interface
T16	16-pin connector
T20	20-pin connector, red
U31	Diagnostic connection
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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ro = red
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br = brown
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li = purple
vi = purple
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Oil pressure switch for reduced oil pressure, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

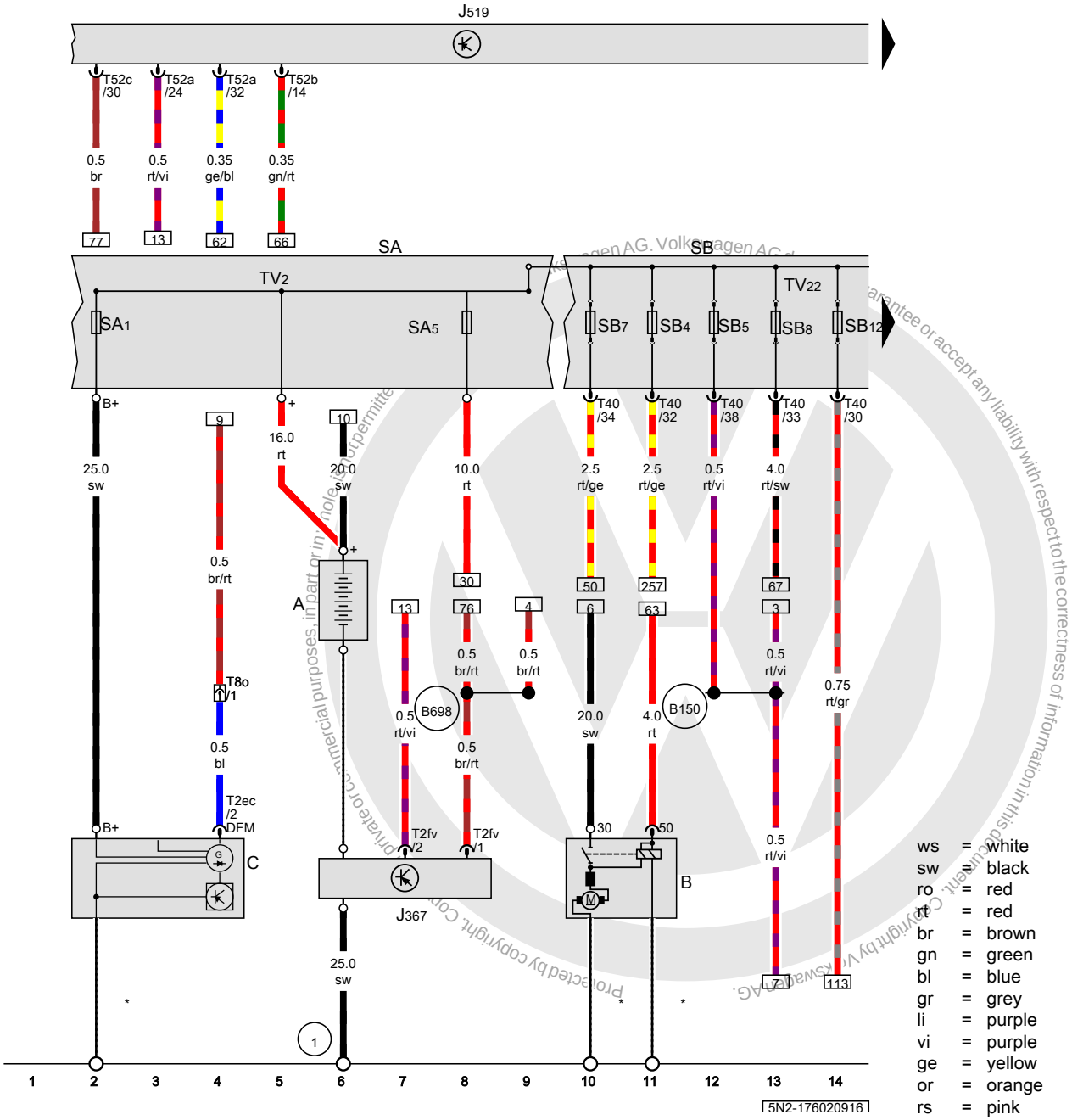
F378	Oil pressure switch for reduced oil pressure
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K2	Alternator warning lamp
KX2	Dash panel insert
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T1	Single connector, black
T2c	2-pin connector, black
T4ai	4-pin connector, black
T5b	5-pin connector, black
T5n	5-pin connector, black
T14a	14-pin connector, grey
T32	32-pin connector, blue
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness
*	Earth supply via housing

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2.0l diesel engine , CUVC,CUVE,CUWA

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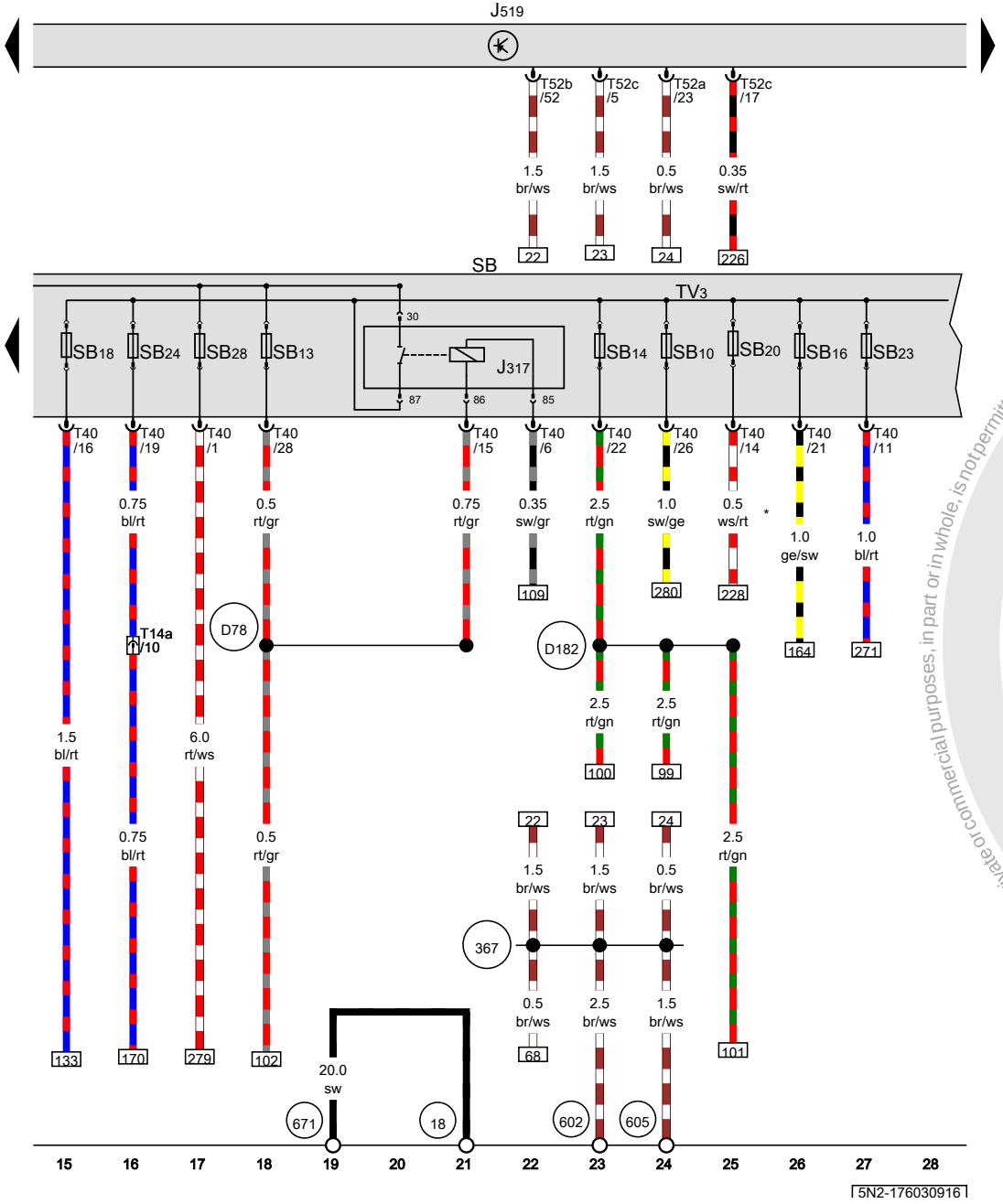


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sw = black
ro = red
rt = red
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gn = green
bl = blue
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, Starter, Alternator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
J367	Battery monitor control unit
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SB	Fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SA5	Fuse 5 on fuse holder A
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB12	Fuse 12 on fuse holder B
T2ec	2-pin connector, black
T2fv	2-pin connector, black
T8o	8-pin connector, black
T40	40-pin connector, black
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
B150	Positive connection 2 (30a), in interior wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	Earth supply via housing

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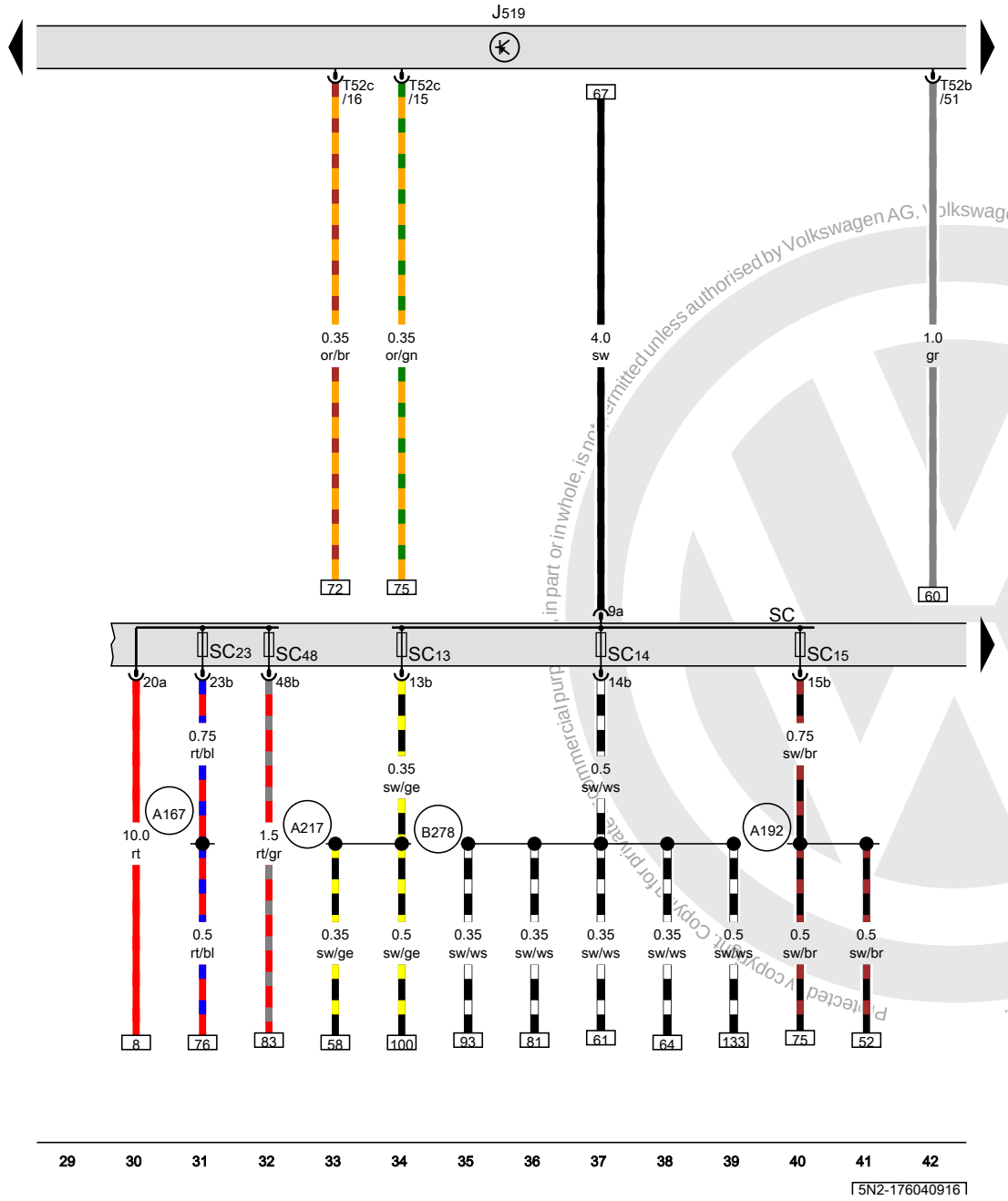


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gr = grey
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rs = pink

Terminal 30 voltage supply relay, Onboard supply control unit

J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
SB28	Fuse 28 on fuse holder B
T14a	14-pin connector, grey
T40	40-pin connector, black
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
TV3	Terminal 30a wiring junction
18	Earth point, on cylinder block
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
671	Earth point 1, on front of left longitudinal member
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Only models with dual clutch gearbox (DSG)

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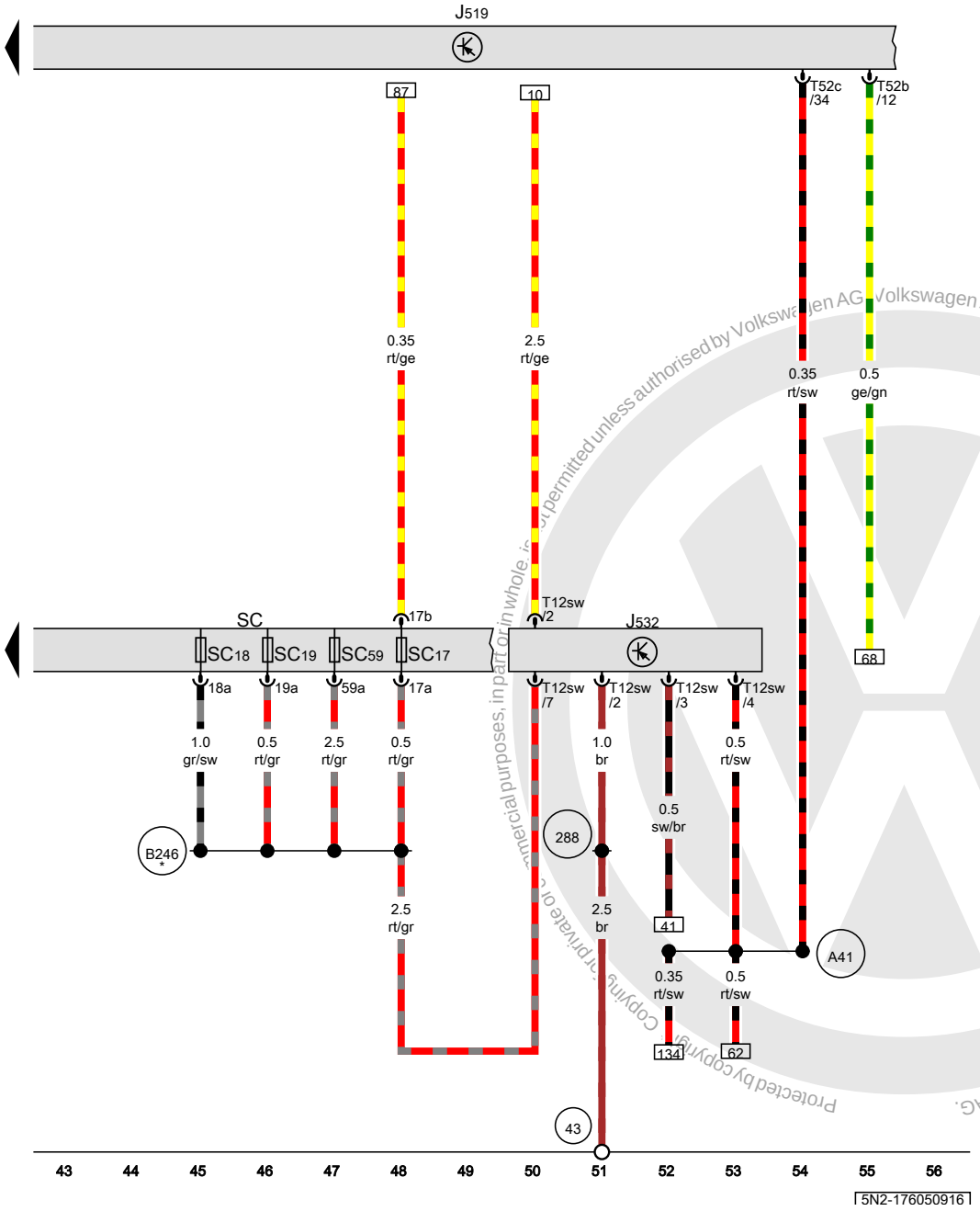


Onboard supply control unit, Fuse holder C

J519	Onboard supply control unit
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC48	Fuse 48 on fuse holder C
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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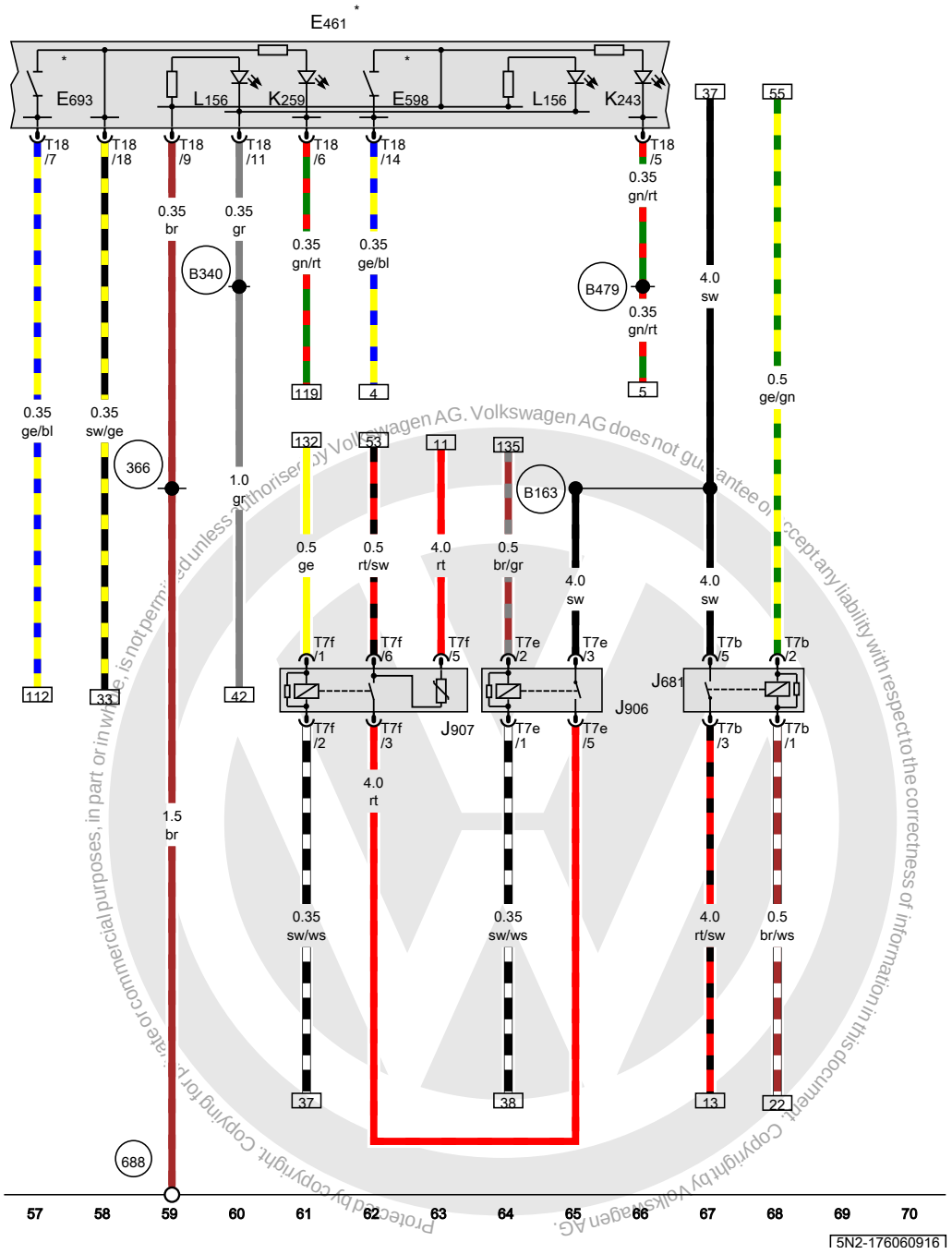


Onboard supply control unit, Fuse holder C

J519	Onboard supply control unit
J532	Voltage stabiliser
SC	Fuse holder C
SC17	Fuse 17 on fuse holder C
SC18	Fuse 18 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC59	Fuse 59 on fuse holder C
T12sw	12-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
A41	Positive connection (50), in dash panel wiring harness
B246	Positive connection (30a, stabilised), in interior wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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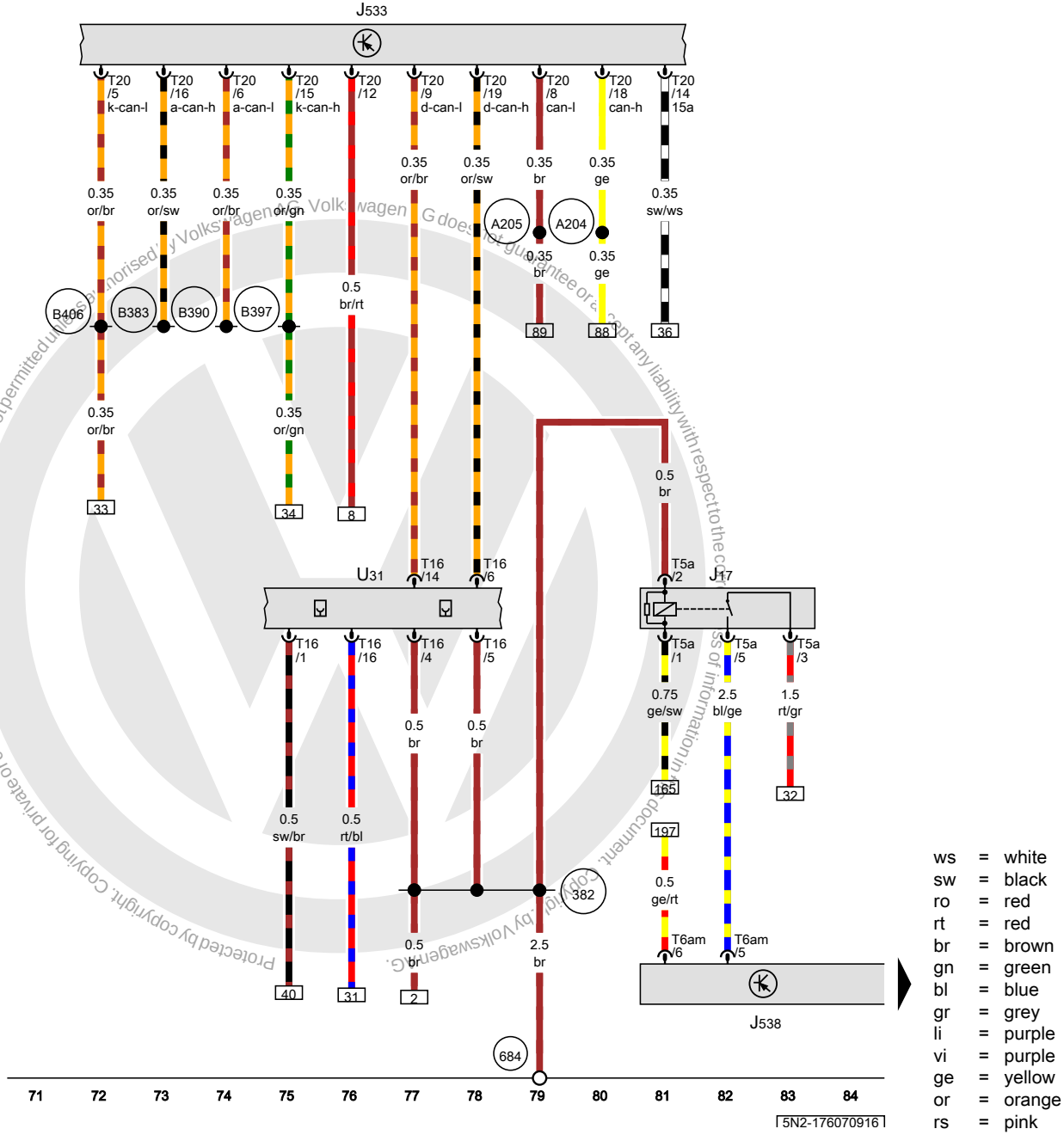


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Operating unit in front of centre console, Start/Stop operation button, Terminal 15 voltage supply relay 2, Starter relay 1, Earth connection 1, in main wiring harness, Earth point 2, on centre tunnel

E461	Operating unit in front of centre console
E598	Driving program button
E693	Start/Stop operation button
J681	Terminal 15 voltage supply relay 2
J906	Starter relay 1
J907	Starter relay 2
K243	Driving program warning light
K259	Start/Stop operation warning lamp
L156	Switch illumination bulb
T7b	7-pin connector, black
T7e	7-pin connector, red
T7f	7-pin connector, green
T18	18-pin connector, black
366	Earth connection 1, in main wiring harness
688	Earth point 2, on centre tunnel
B163	Positive connection 1 (15), in interior wiring harness
B340	Connection 1 (58d), in main wiring harness
B479	Connection 15, in main wiring harness
*	According to equipment

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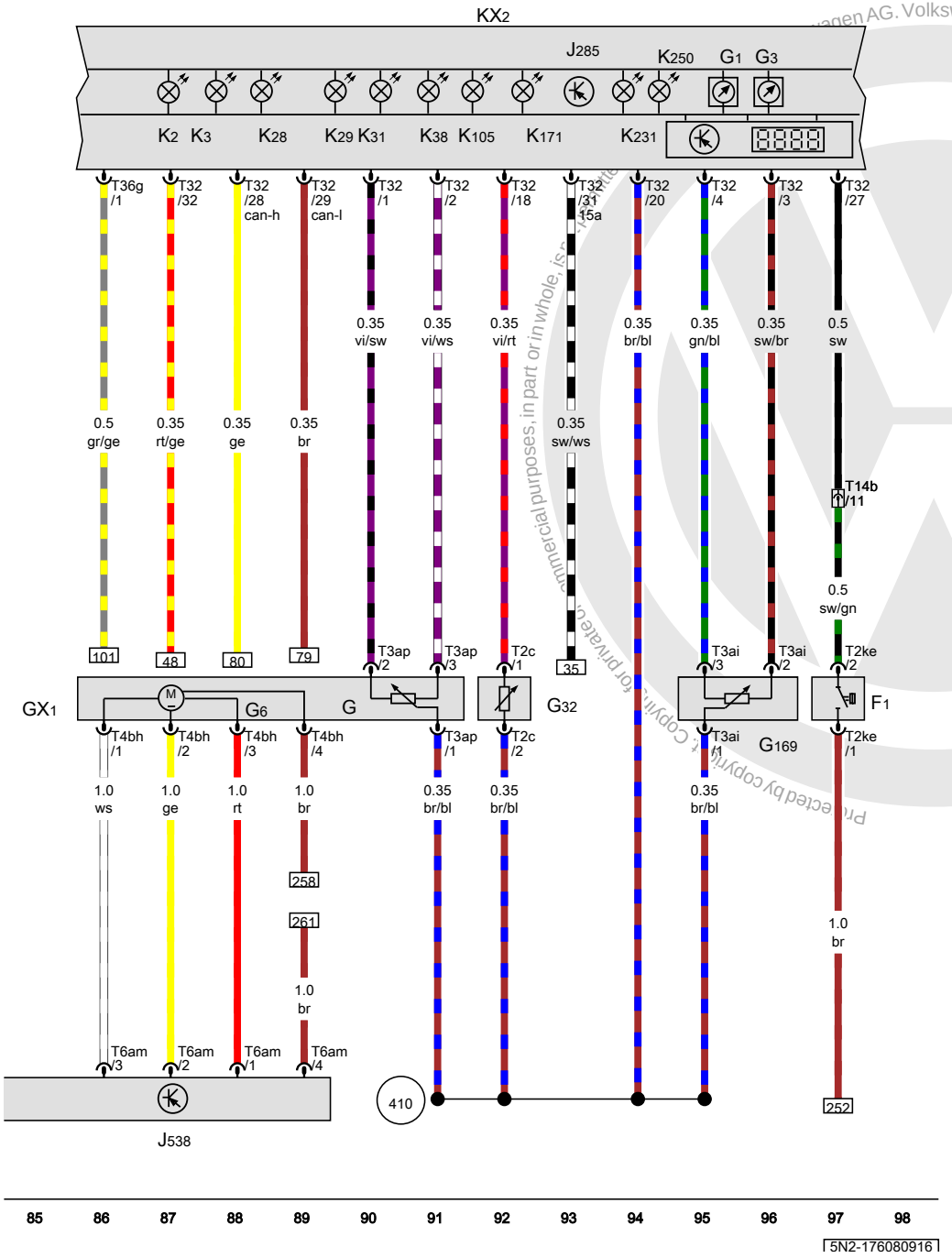


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rs = pink

Data bus diagnostic interface, Fuel pump control unit, Diagnostic connection

J17	Fuel pump relay
J533	Data bus diagnostic interface
J538	Fuel pump control unit
T5a	5-pin connector, brown
T6am	6-pin connector, black
T16	16-pin connector, black
T20	20-pin connector, red
U31	Diagnostic connection
382	Earth connection 17, in main wiring harness
684	Earth point on front of left side member
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

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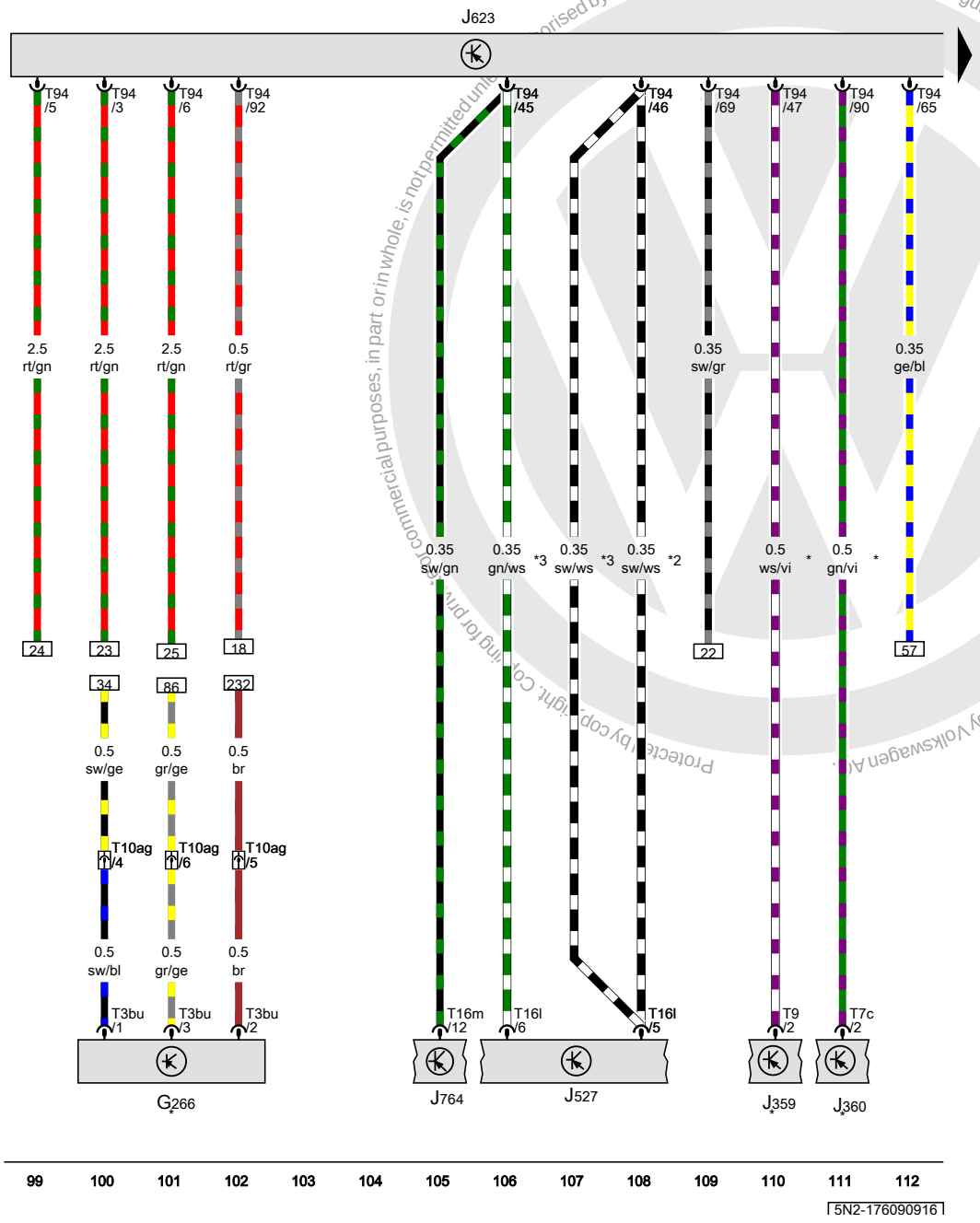
Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Fuel pump control unit, Dash panel insert

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
GX1	Fuel delivery unit
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K2	Alternator warning lamp
KX2	Dash panel insert
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K29	Glow period warning lamp
K31	Cruise control system warning lamp
K38	Oil level warning lamp
K105	Reserve fuel warning lamp
K171	Bonnet open warning lamp
K231	Diesel particulate filter warning lamp
K250	Warning lamp for hill descent control
T2c	2-pin connector, black
T2ke	2-pin connector, black
T3ai	3-pin connector, black
T3ap	3-pin connector, black
T4bh	4-pin connector, black
T6am	6-pin connector, black
T14b	14-pin connector, grey
T32	32-pin connector, blue
T36g	36-pin connector, blue
410	Earth connection 1 (sender earth) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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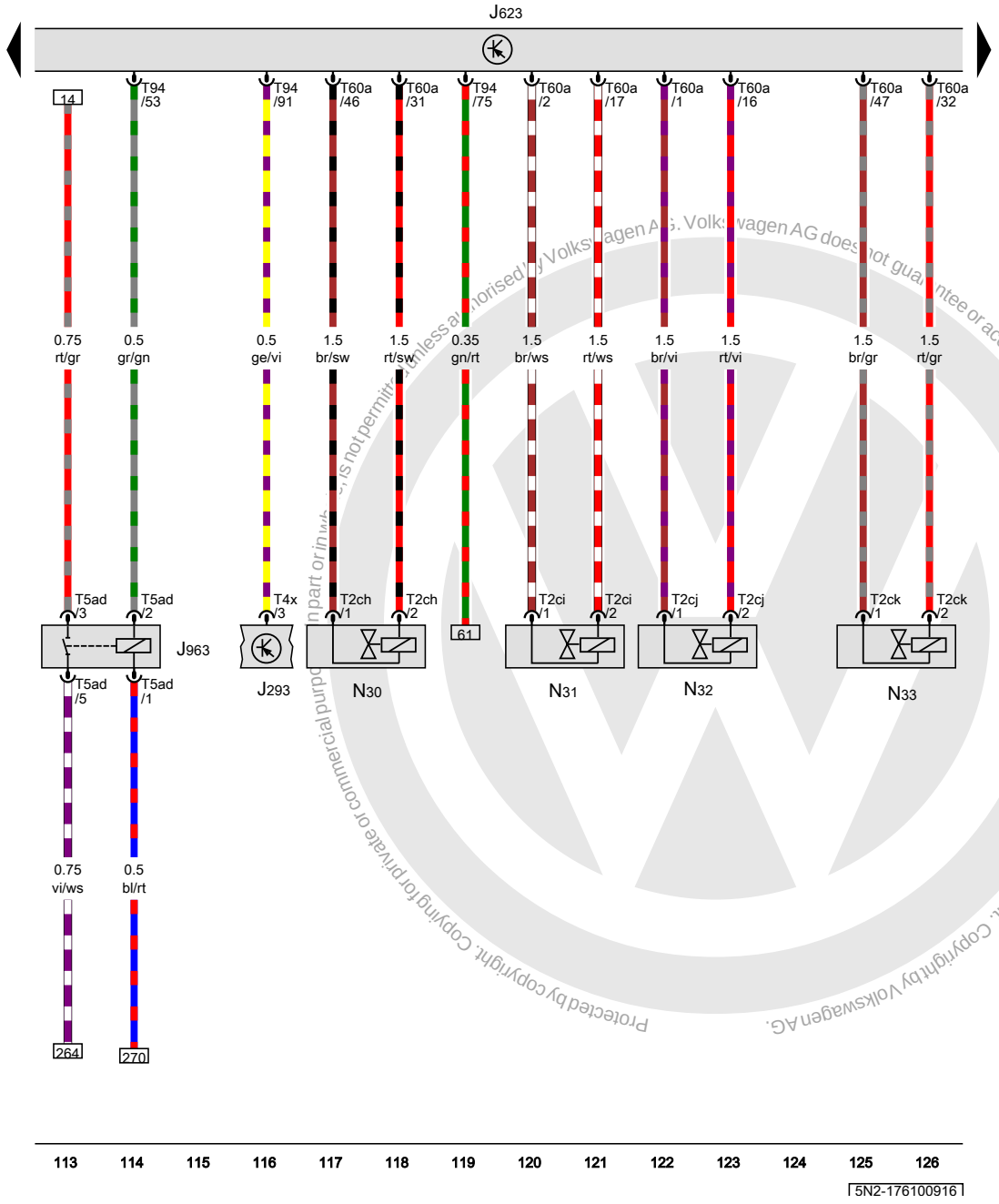
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Oil level and oil temperature sender, Low heat output relay, High heat output relay, Engine control unit

G266	Oil level and oil temperature sender
J359	Low heat output relay
J360	High heat output relay
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
T3bu	3-pin connector, black
T7c	7-pin connector, black
T9	9-pin connector, red
T10ag	10-pin connector, black
T16l	16-pin connector, black
T16m	16-pin connector, black
T94	94-pin connector, black
*	According to equipment
*2	Only models with remote control
*3	Only models with "keyless access" locking and starting system

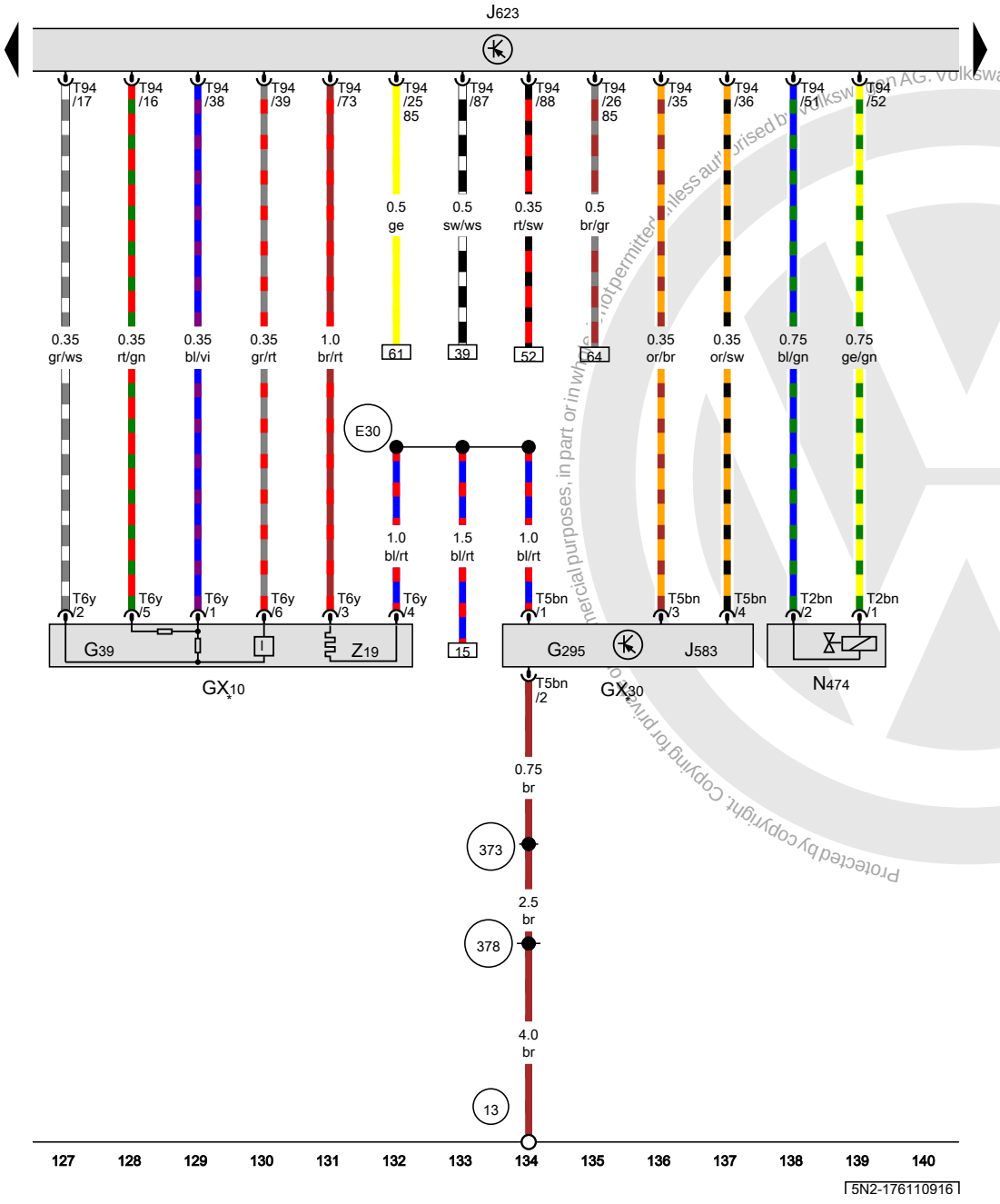


Radiator fan control unit, Engine control unit, Injector, cylinder 1

J293	Radiator fan control unit
J623	Engine control unit
J963	Relay for reducing agent metering system
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector, black
T2ci	2-pin connector, black
T2cj	2-pin connector, black
T2ck	2-pin connector, black
T4x	4-pin connector, black
T5ad	5-pin connector, black
T60a	60-pin connector, black
T94	94-pin connector, black

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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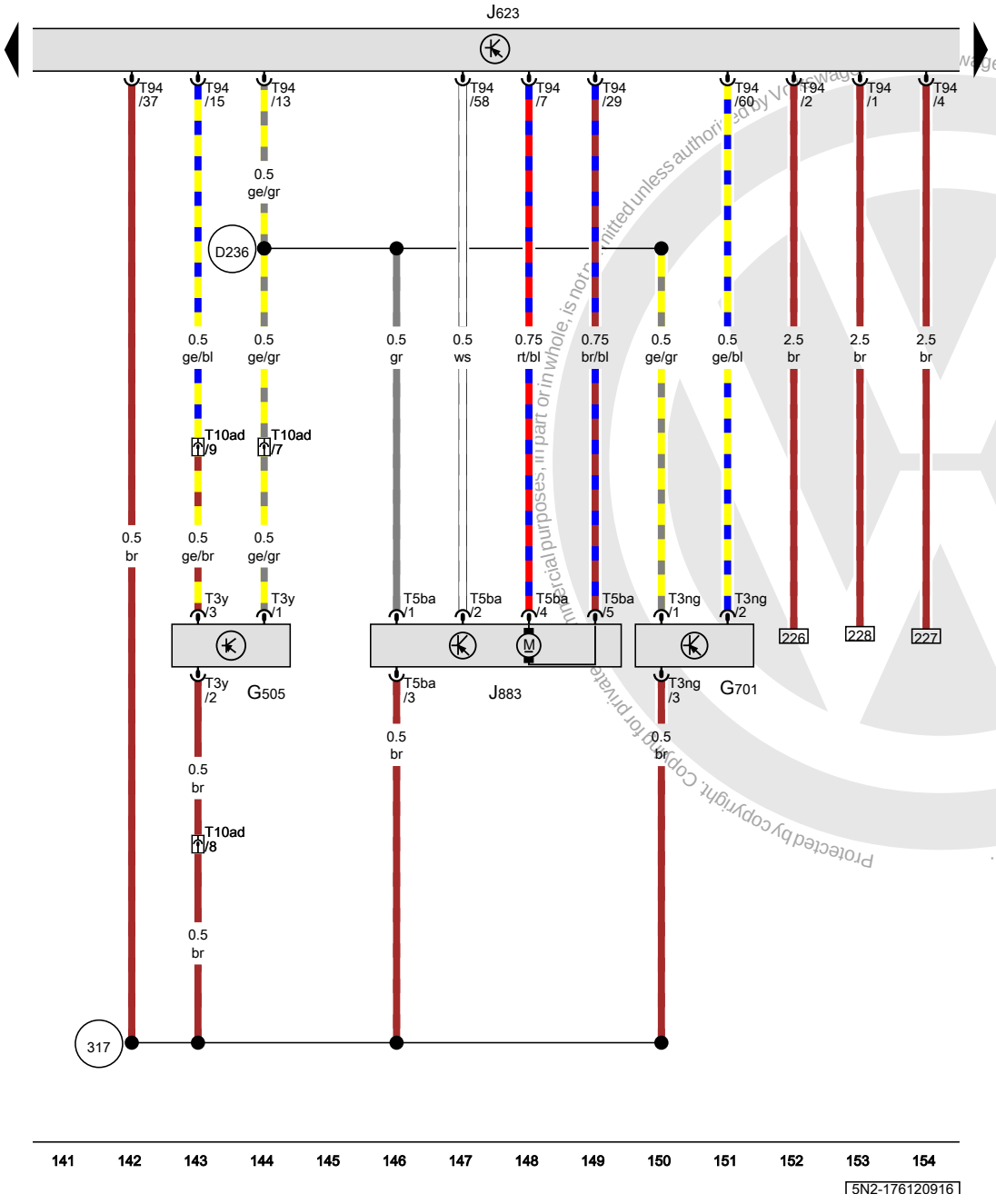


Lambda probe 1 before catalytic converter, Control unit for NOx sender, Lambda probe, NOx sender, Control unit for NOx sender, Engine control unit, Lambda probe heater, Earth point, on right in engine compartment, Earth connection 8, in main wiring harness, Earth connection 13, in main wiring harness

GX10	Lambda probe 1 before catalytic converter
GX30	Control unit for NOx sender
G39	Lambda probe
G295	NOx sender
J583	Control unit for NOx sender
J623	Engine control unit
N474	Injector for reducing agent
T2bn	2-pin connector, brown
T5bn	5-pin connector, black
T6y	6-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
13	Earth point, on right in engine compartment
373	Earth connection 8, in main wiring harness
378	Earth connection 13, in main wiring harness
E30	Connection (87a), in engine wiring harness
*	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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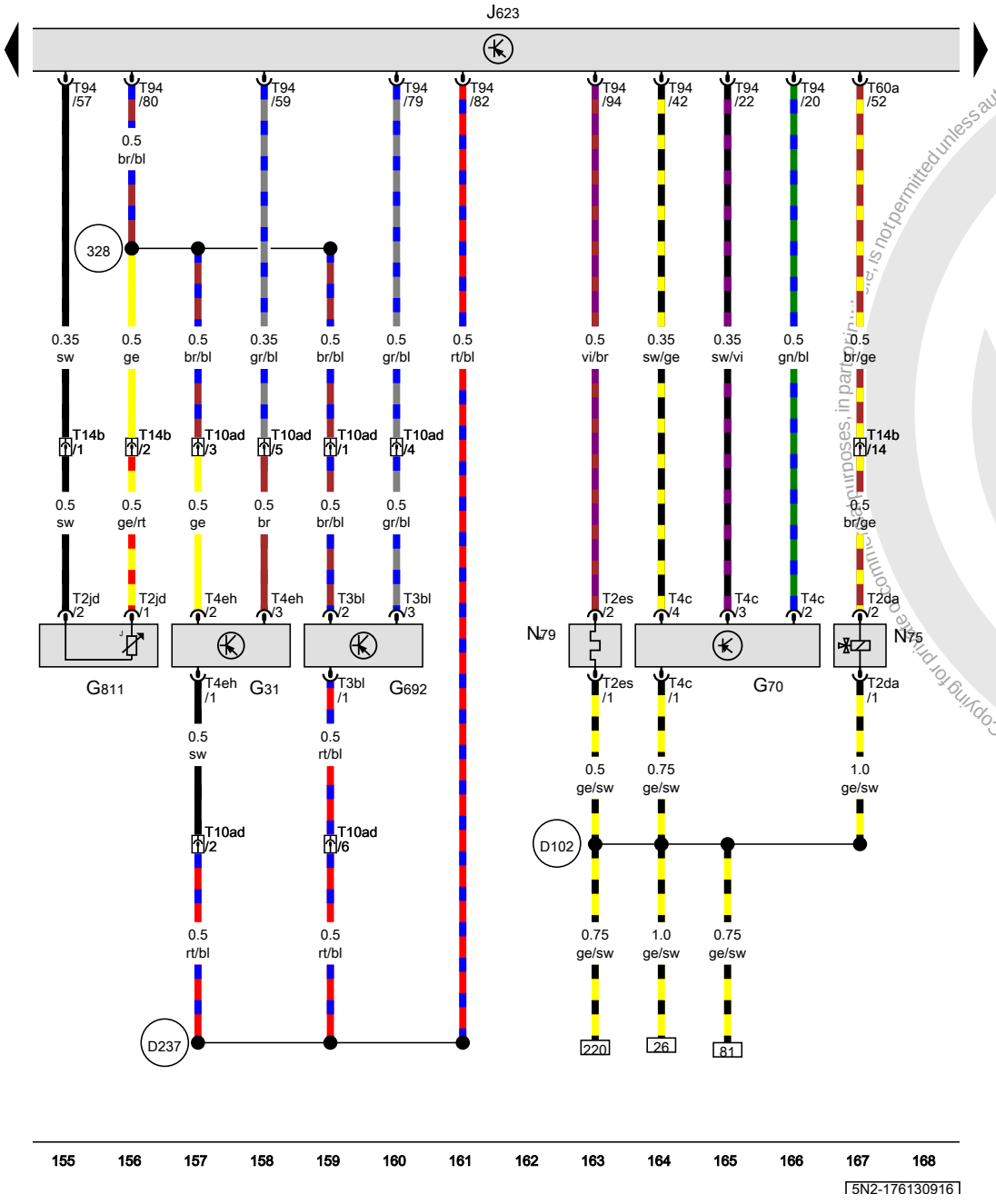


Pressure differential sender, Gearbox neutral position sender, Engine control unit

G505	Pressure differential sender
G701	Gearbox neutral position sender
J623	Engine control unit
J883	Exhaust flap control unit
T3ng	3-pin connector, black
T3y	3-pin connector, black
T5ba	5-pin connector, black
T10ad	10-pin connector, black
T94	94-pin connector, black
317	Earth connection 7, in engine compartment wiring harness
D236	Connection 5 (5V) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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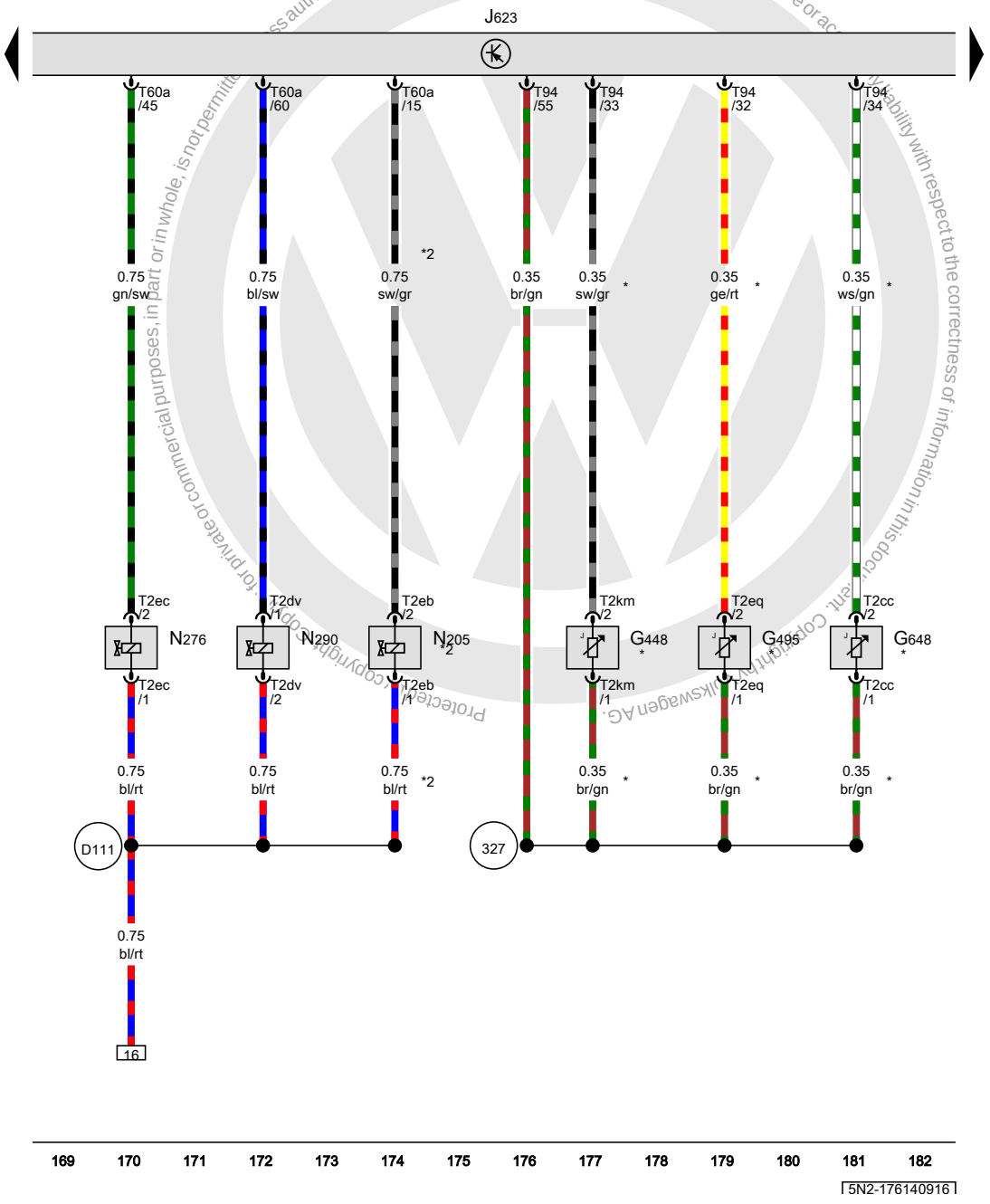


Charge pressure sender, Air mass meter, Pressure sender 2 for exhaust gas recirculation, Engine control unit, Charge pressure control solenoid valve, Heater element for crankcase breather

G31	Charge pressure sender
G70	Air mass meter
G692	Pressure sender 2 for exhaust gas recirculation
G811	Charge air temperature sender after charge air cooler
J623	Engine control unit
N75	Charge pressure control solenoid valve
N79	Heater element for crankcase breather
T2da	2-pin connector, black
T2es	2-pin connector, black
T2jd	2-pin connector, black
T3bl	3-pin connector, black
T4c	4-pin connector, black
T4eh	4-pin connector, black
T10ad	10-pin connector, black
T14b	14-pin connector, grey
T60a	60-pin connector, black
T94	94-pin connector, black
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D237	Connection 6 (5V) in engine prewiring harness
*	Only for countries with cold climate

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
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ge	=	yellow
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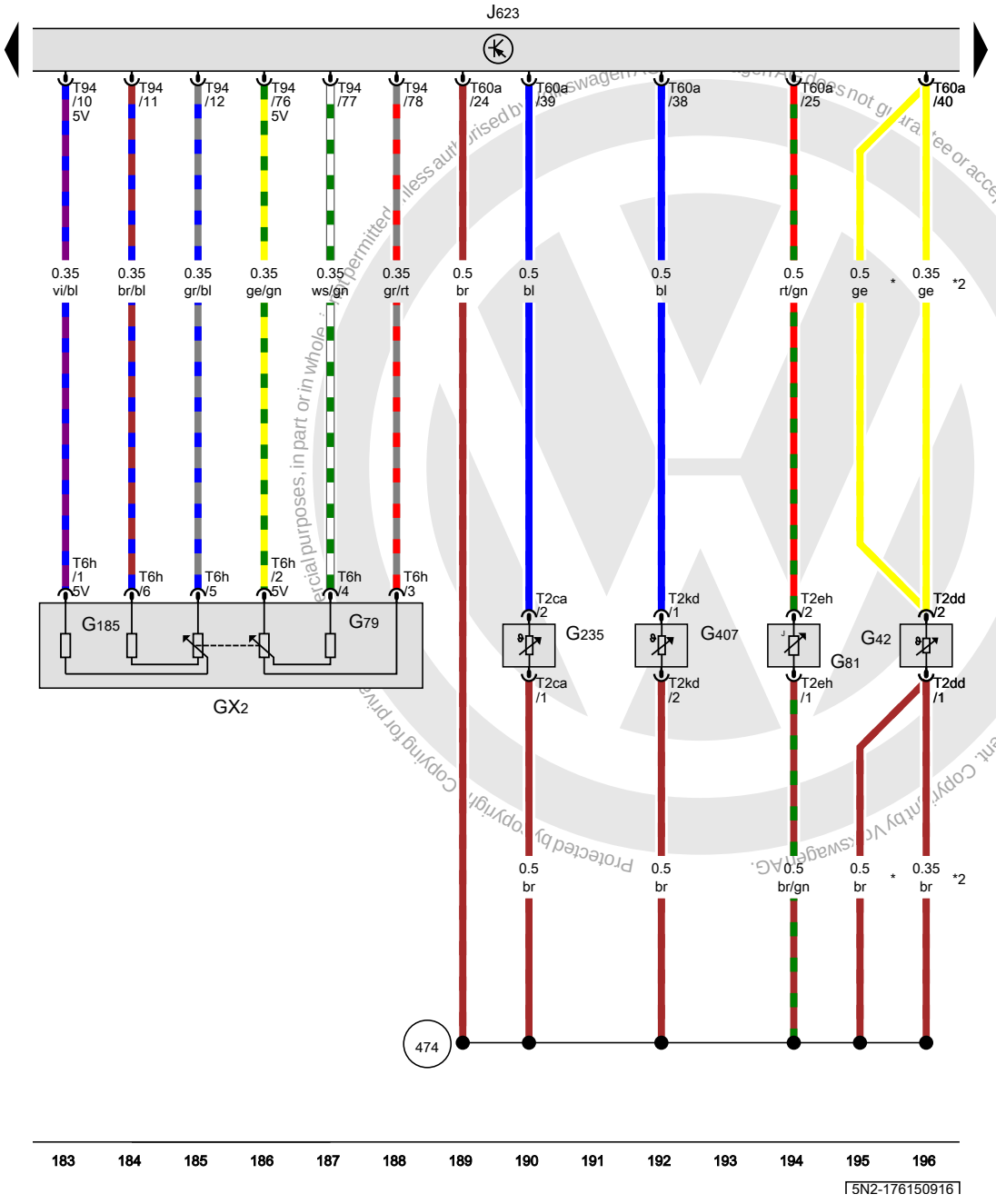
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Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit, Camshaft control valve 1, Fuel metering valve

G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2cc	2-pin connector, colourless
T2dv	2-pin connector, black
T2eb	2-pin connector, black
T2ec	2-pin connector, black
T2eq	2-pin connector, brown
T2km	2-pin connector, black
T60a	60-pin connector, black
T94	94-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness
*	Pre-wired component
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
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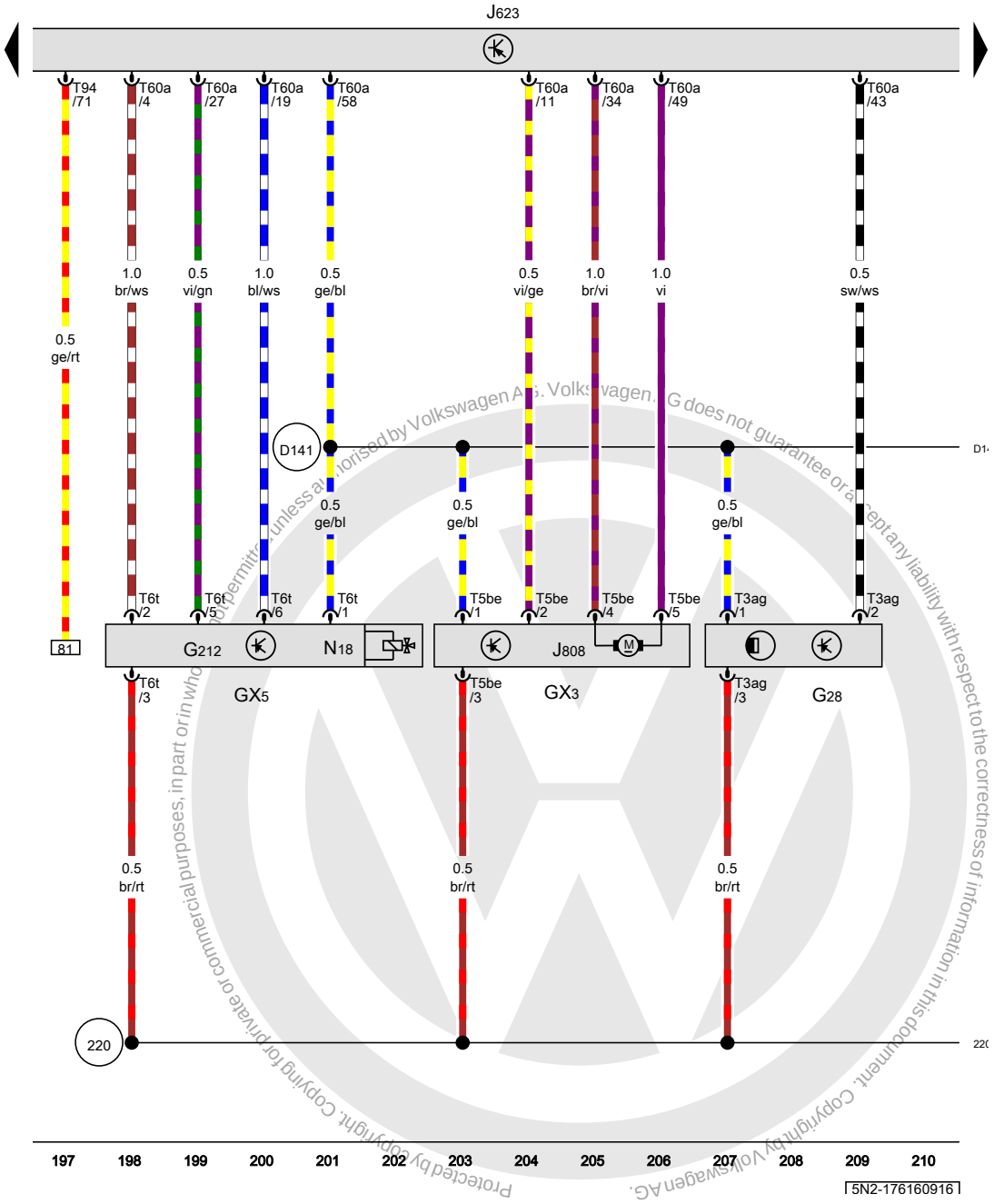


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Accelerator pedal module, Intake air temperature sender, Accelerator position sender, Fuel temperature sender, Accelerator position sender 2, Exhaust gas temperature sender 1, Engine temperature sender, Engine control unit

GX2	Accelerator pedal module
G42	Intake air temperature sender
G79	Accelerator position sender
G81	Fuel temperature sender
G185	Accelerator position sender 2
G235	Exhaust gas temperature sender 1
G407	Engine temperature sender
J623	Engine control unit
T2ca	2-pin connector, black
T2dd	2-pin connector, black
T2eh	2-pin connector, black
T2kd	2-pin connector, black
T6h	6-pin connector, black
T60a	60-pin connector, black
T94	94-pin connector, black
474	Earth connection (sender earth) in engine prewiring harness
*	From November 2015
*2	Up to November 2015

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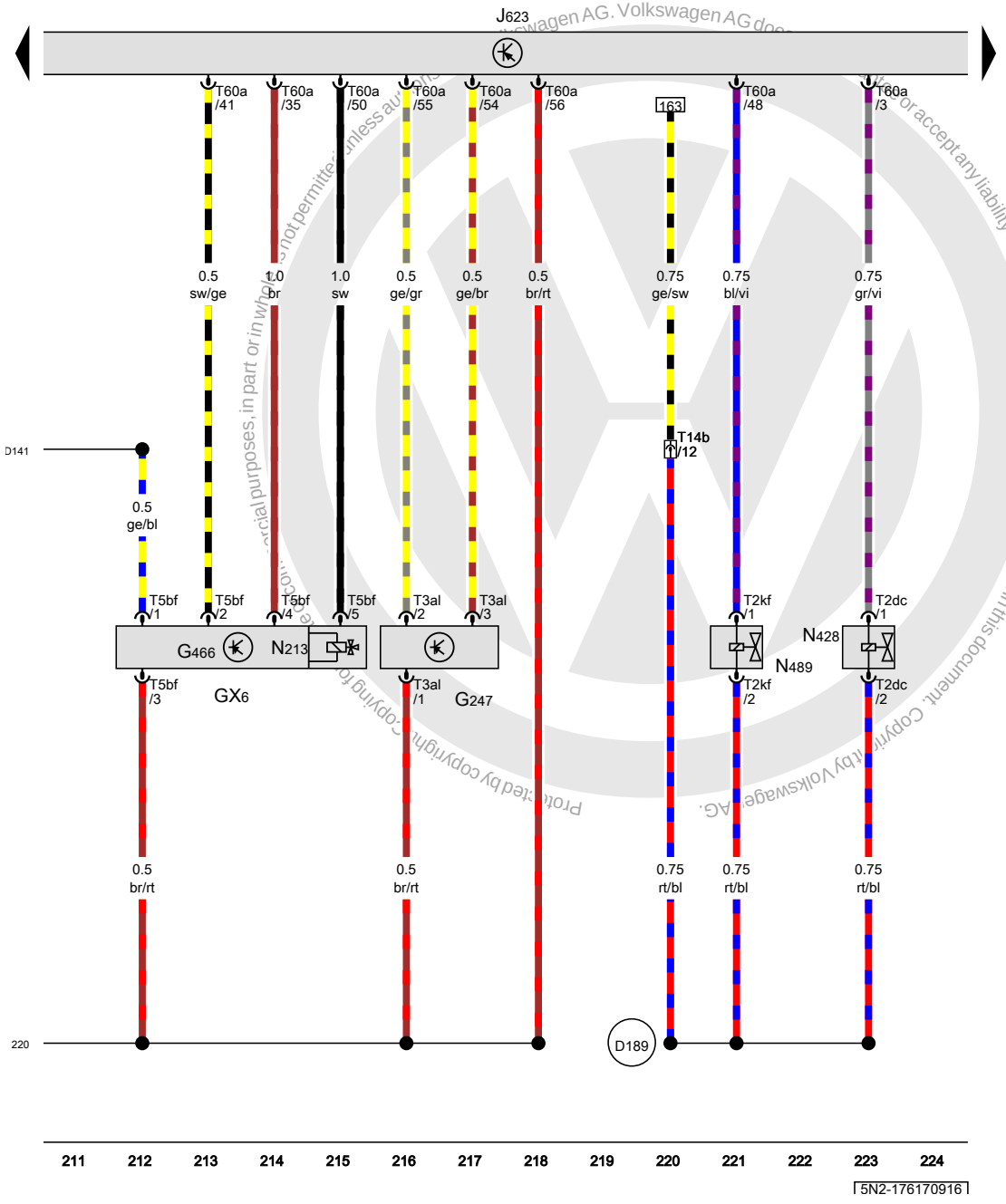


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Exhaust gas recirculation potentiometer, Engine control unit, Regulating flap control unit, Exhaust gas recirculation valve

GX3	Throttle valve module
GX5	Exhaust gas recirculation valve 1
G28	Engine speed sender
G212	Exhaust gas recirculation potentiometer
J623	Engine control unit
J808	Regulating flap control unit
N18	Exhaust gas recirculation valve
T3ag	3-pin connector, black
T5be	5-pin connector, black
T6t	6-pin connector, grey
T60a	60-pin connector, black
T94	94-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V) in engine prewiring harness

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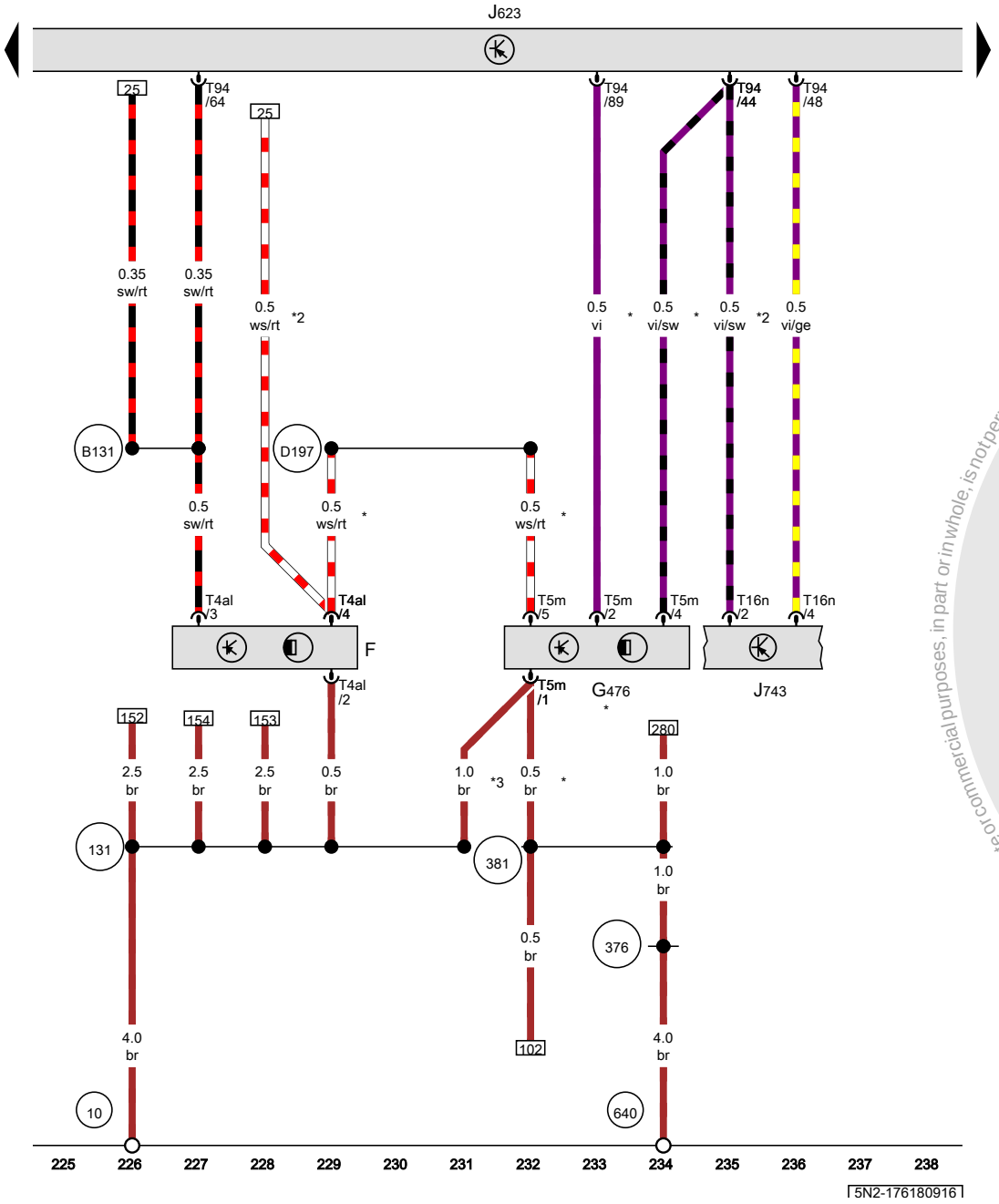


Fuel pressure sender, Engine control unit

GX6	Exhaust gas recirculation valve 2
G247	Fuel pressure sender
G466	Exhaust gas recirculation potentiometer 2
J623	Engine control unit
N213	Exhaust gas recirculation valve 2
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T2dc	2-pin connector, black
T2kf	2-pin connector, brown
T3al	3-pin connector, black
T5bf	5-pin connector, black
T14b	14-pin connector, grey
T60a	60-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V) in engine prewiring harness
D189	Connection (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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rs	=	pink

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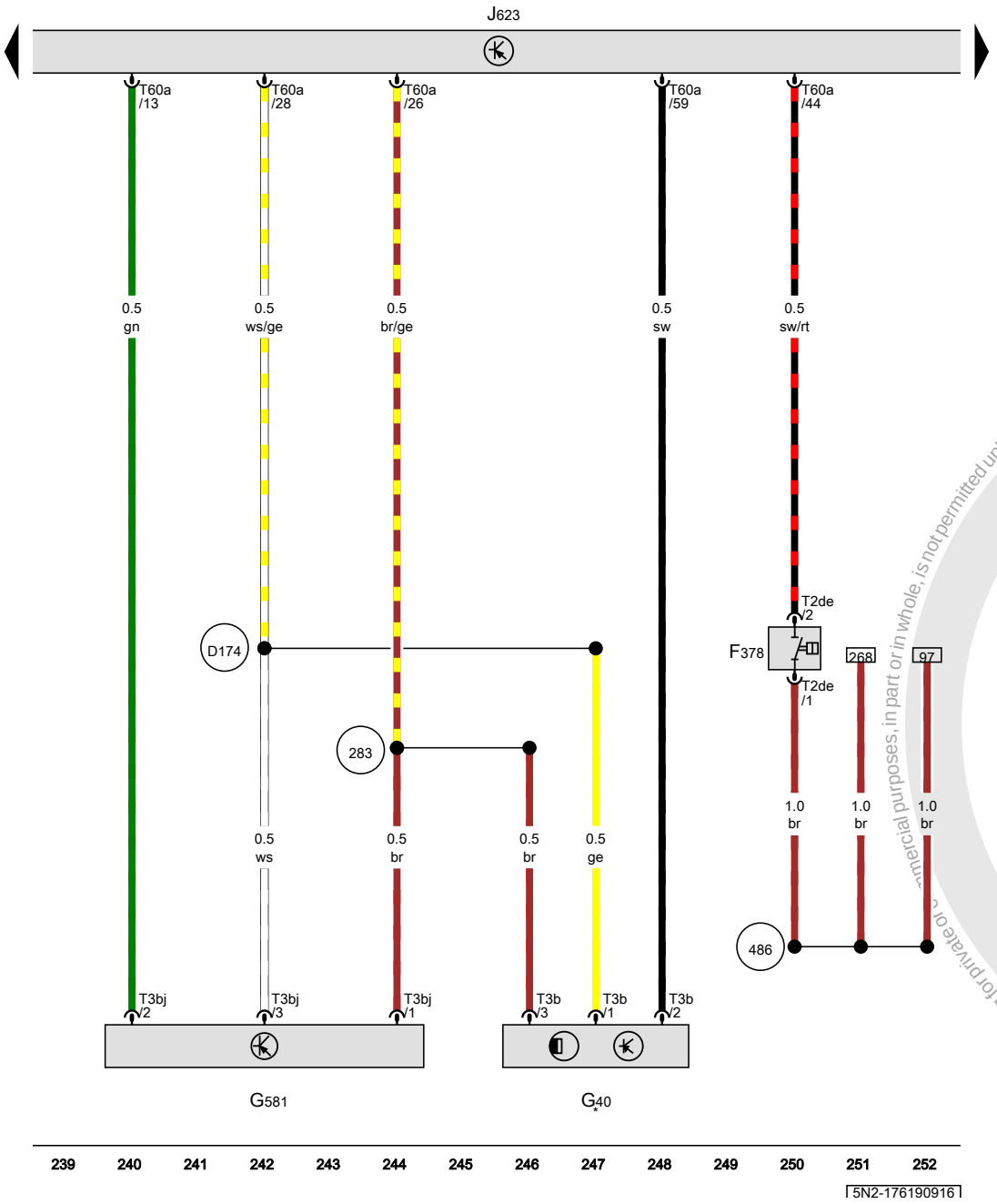


Brake light switch, Clutch position sender, Engine control unit

F	Brake light switch
G476	Clutch position sender
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T4al	4-pin connector, black
T5m	5-pin connector, black
T16n	16-pin connector, black
T94	94-pin connector, black
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
640	Earth point 2, left in engine compartment
B131	Connection (54), in interior wiring harness
D197	Connection 5 (87a), in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with dual clutch gearbox (DSG)
*3	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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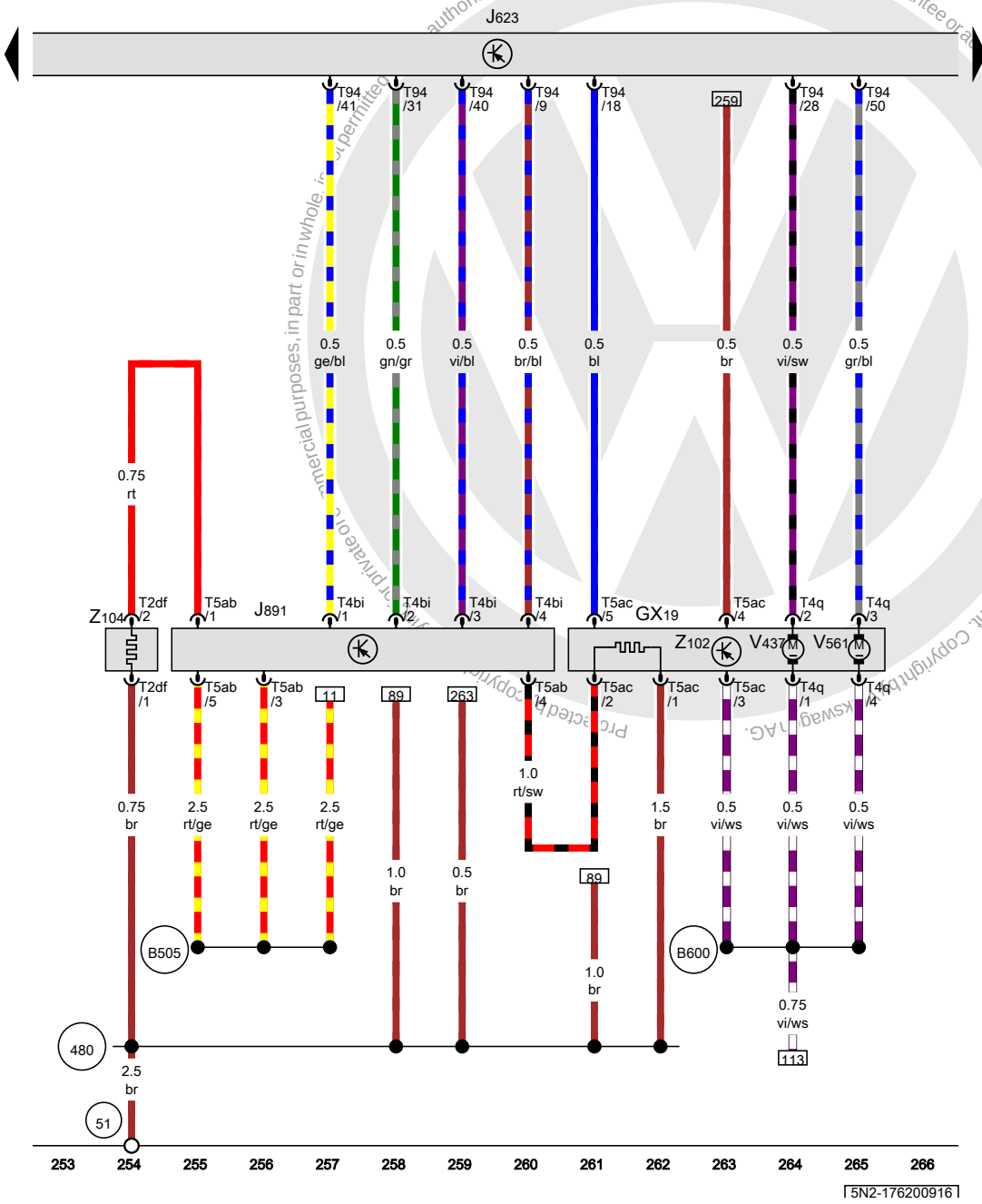


Hall sender, Engine control unit

F378	Oil pressure switch for reduced oil pressure
G40	Hall sender
G581	Position sender for charge pressure positioner
J623	Engine control unit
T2de	2-pin connector, black
T3b	3-pin connector, black
T3bj	3-pin connector, brown
T60a	60-pin connector, black
283	Earth point 2, engine prewiring harness
486	Earth point 4, engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	Pre-wired component
*2	Only for countries with cold climate

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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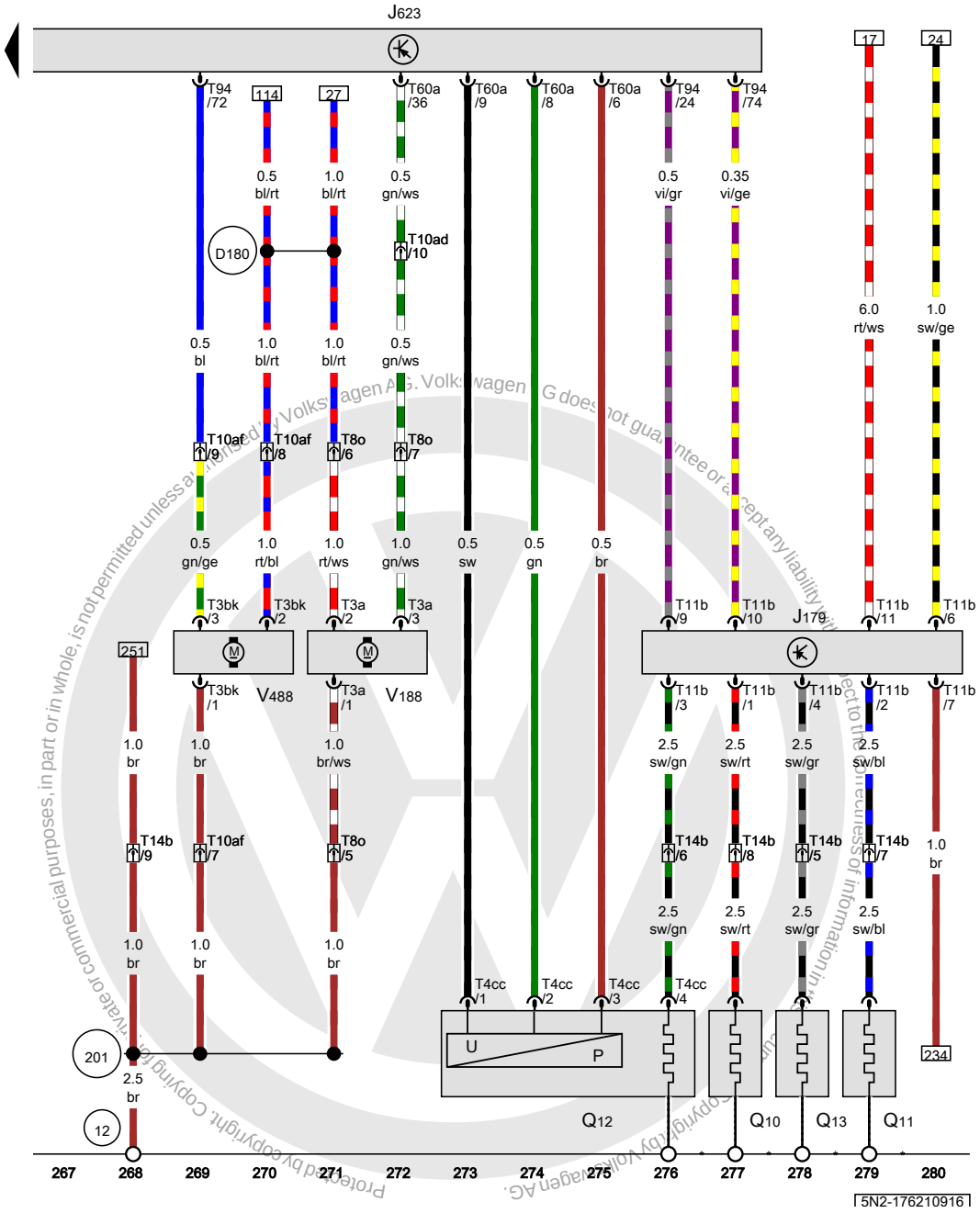


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Delivery unit for reducing agent metering system, Engine control unit, Control unit for reducing agent heater, Pump for reducing agent, Reducing agent return flow pump, Heater for reducing agent tank (heater circuit 1), Heater for reducing agent line (heater circuit 2), Earth connection, in fuel tank wiring harness, Positive connection 9 (30a), in interior wiring harness, Positive connection 4 (87a), in interior wiring harness

GX19	Delivery unit for reducing agent metering system
J623	Engine control unit
J891	Control unit for reducing agent heater
T2df	2-pin connector, black
T4bi	4-pin connector, black
T4q	4-pin connector, black
T5ab	5-pin connector, colourless
T5ac	5-pin connector, black
T94	94-pin connector, black
V437	Pump for reducing agent
V561	Reducing agent return flow pump
Z102	Heater for reducing agent tank (heater circuit 1)
Z104	Heater for reducing agent line (heater circuit 2)
51	Earth point, on right in luggage compartment
480	Earth connection, in fuel tank wiring harness
B505	Positive connection 9 (30a), in interior wiring harness
B600	Positive connection 4 (87a), in interior wiring harness

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Engine control unit, Charge air cooling pump, Auxiliary pump for heating

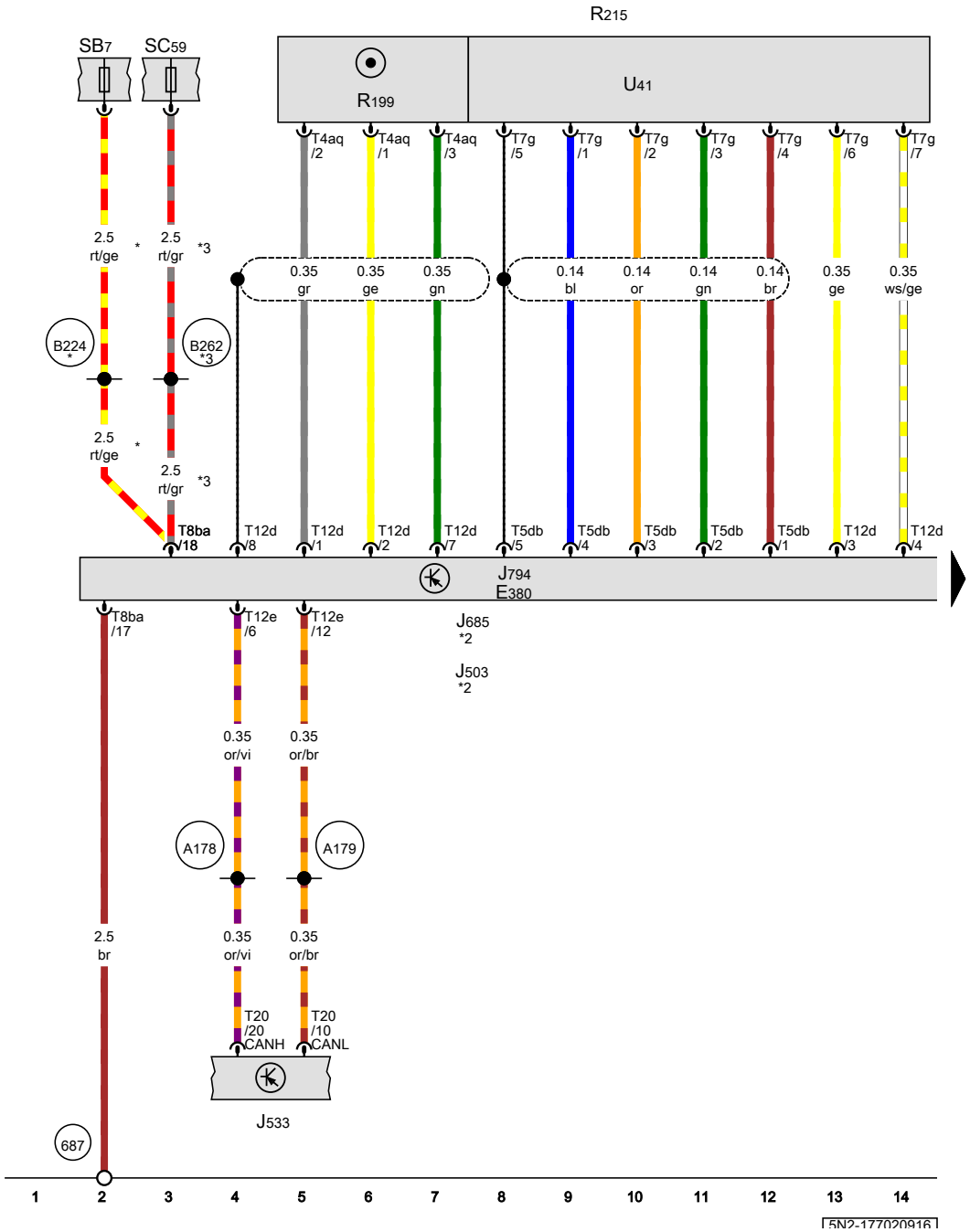
J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T3a	3-pin connector, black
T3bk	3-pin connector, black
T4cc	4-pin connector, black
T8o	8-pin connector, black
T10ad	10-pin connector, black
T10af	10-pin connector, black
T11b	11-pin connector, black
T14b	14-pin connector, grey
T60a	60-pin connector, black
T94	94-pin connector, black
V188	Charge air cooling pump
V488	Auxiliary pump for heating
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	Earth supply via housing

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Radio systems/navigation systems , (7UP),(7UQ),(I6V),(I6W),(I7A),(I7B),(I7C)

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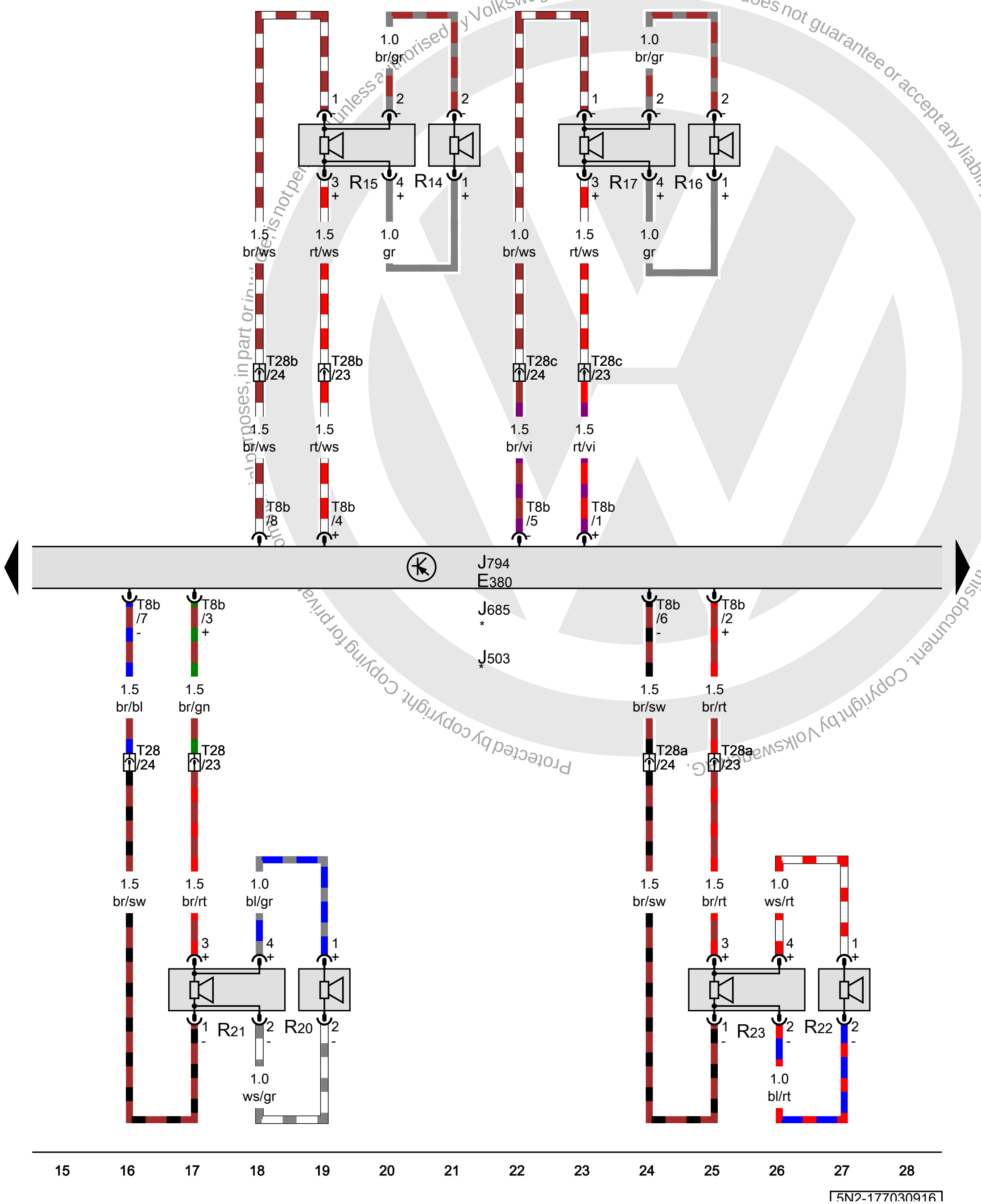


Control unit with display for radio and navigation, Data bus diagnostic interface, Connection for external audio sources, Interface for external multimedia unit

E380	Multimedia system operating unit
J503	Control unit with display for radio and navigation
J533	Data bus diagnostic interface
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
R199	Connection for external audio sources
R215	Interface for external multimedia unit
SB7	Fuse 7 on fuse holder B
SC59	Fuse 59 on fuse holder C
T4aq	4-pin connector, black
T5db	5-pin connector
T7g	7-pin connector, green
T8ba	8-pin connector, black
T12d	12-pin connector, green
T12e	12-pin connector, grey
T20	20-pin connector, red
U41	USB connection 1
687	Earth point 1, on centre tunnel
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B224	Connection 1 (radio), in interior wiring harness
B262	Positive connection 2 (30a, stabilised), in interior wiring harness
*	Only models with no start/stop system
*2	According to equipment
*3	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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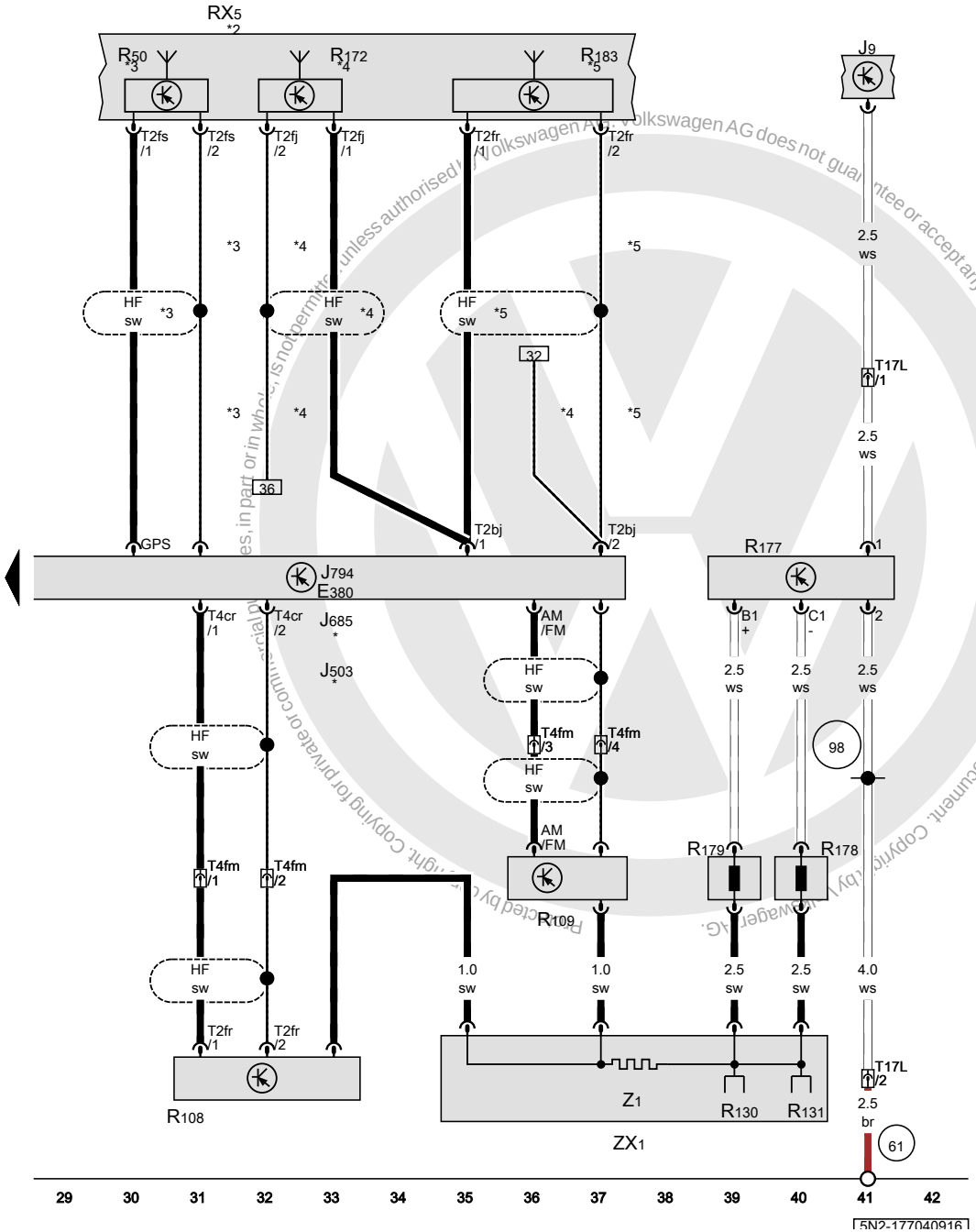


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Control unit with display for radio and navigation, Rear left bass loudspeaker, Rear right bass loudspeaker, Front left bass loudspeaker, Front right bass loudspeaker

E380	Multimedia system operating unit
J503	Control unit with display for radio and navigation
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T8b	8-pin connector, brown
T28	28-pin connector
T28a	28-pin connector
T28b	28-pin connector
T28c	28-pin connector
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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rs	=	pink



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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit with display for radio and navigation, Roof aerial, GPS aerial, Left aerial module, Right aerial module, Satellite tuner aerial, Digital radio aerial, Rear window

E380	Multimedia system operating unit
J9	Heated rear window relay
J503	Control unit with display for radio and navigation
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
RX5	Roof aerial
R50	GPS aerial
R108	Left aerial module
R109	Right aerial module
R130	Rear window aerial 1
R131	Rear window aerial 2
R172	Satellite tuner aerial
R177	Amplitude modulation (AM) frequency filter
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
R183	Digital radio aerial
T2bj	2-pin connector, blue
T2fj	2-pin connector, green
T2fr	2-pin connector, blue
T2fs	2-pin connector, dark blue
T4cr	4-pin connector, white
T4fm	4-pin connector, colourless
T17L	17-pin connector, on rear left roof frame
Z1	Heated rear window
ZX1	Rear window
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
*	According to equipment
*2	Pre-wired component
*3	Only models with navigation system
*4	Only models with satellite radio
*5	Only models with digital radio

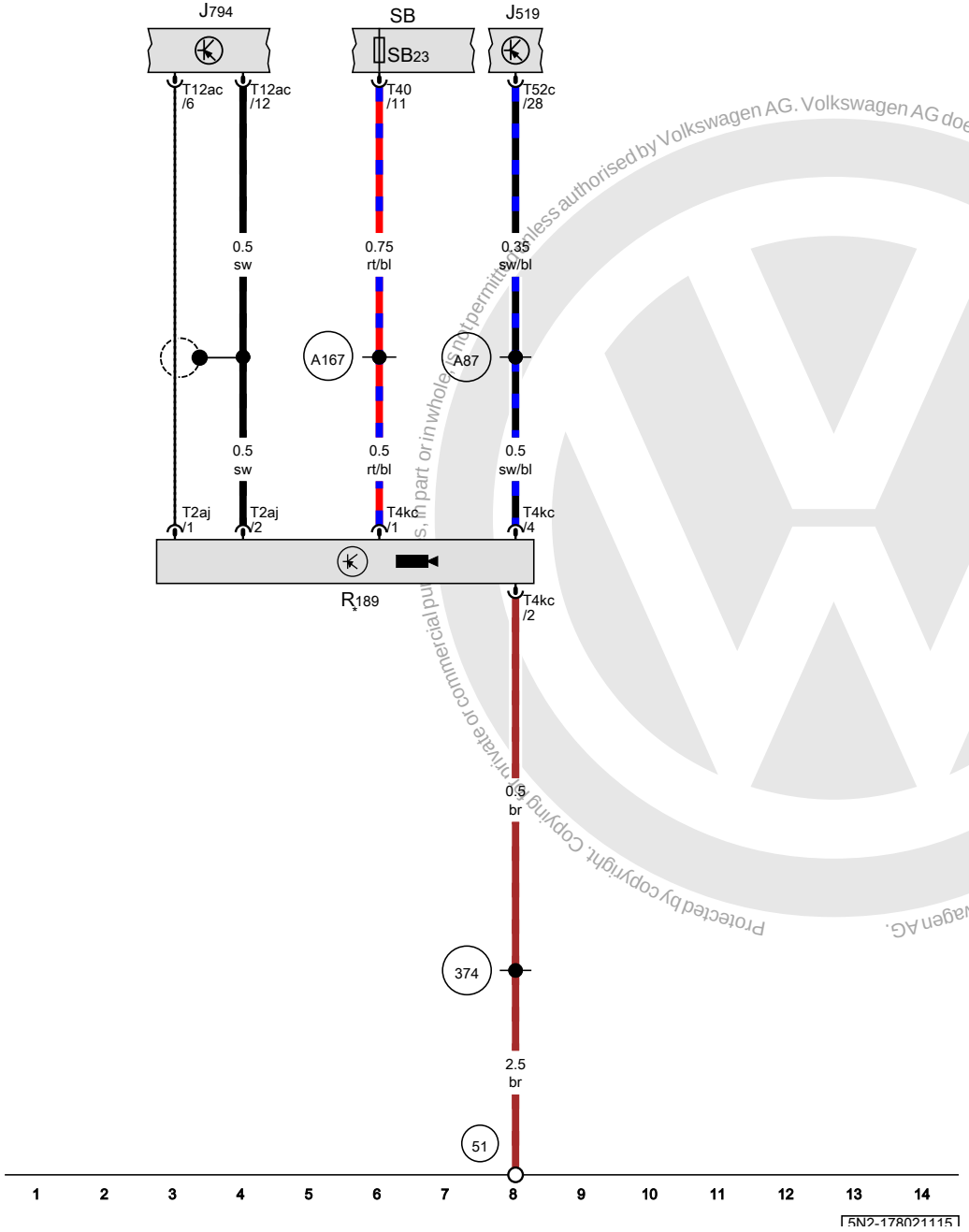
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Reversing camera (Rear Assist) , (KA1)

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Onboard supply control unit, Reversing camera, Earth point, on right in luggage compartment



J519	Onboard supply control unit
J794	Control unit 1 for information electronics
R189	Reversing camera
SB	Fuse holder B
SB23	Fuse 23 on fuse holder B
T2aj	2-pin connector, brown
T4kc	4-pin connector, black
T12ac	12-pin connector, blue
T40	40-pin connector, black
T52c	52-pin connector, black
51	Earth point, on right in luggage compartment
374	Earth connection 9, in main wiring harness
A87	Connection (RL), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
*	Pre-wired component

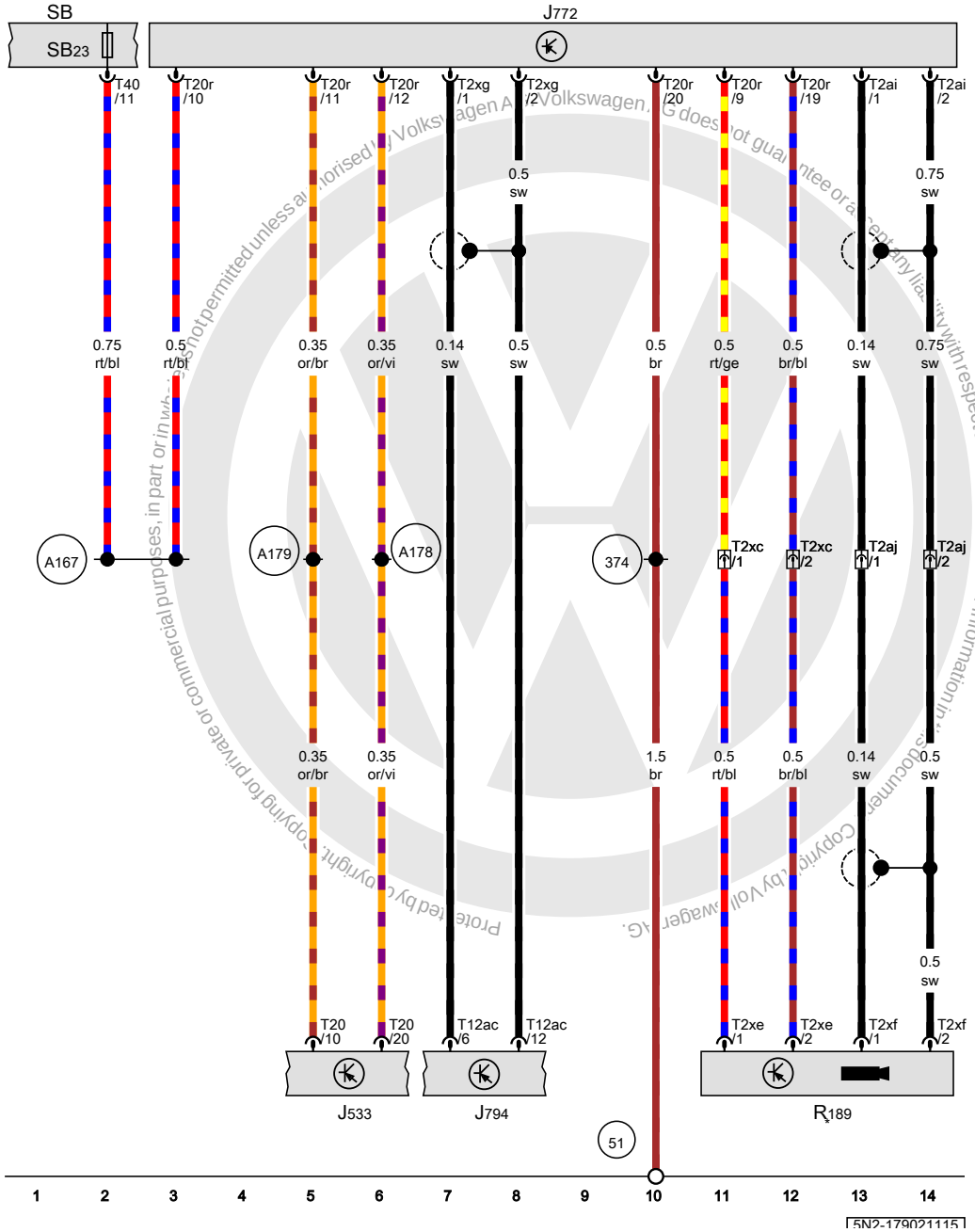
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Reversing camera (Rear Assist) , (KA2)

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Data bus diagnostic interface, Reversing camera system control unit, Reversing camera, Fuse holder B

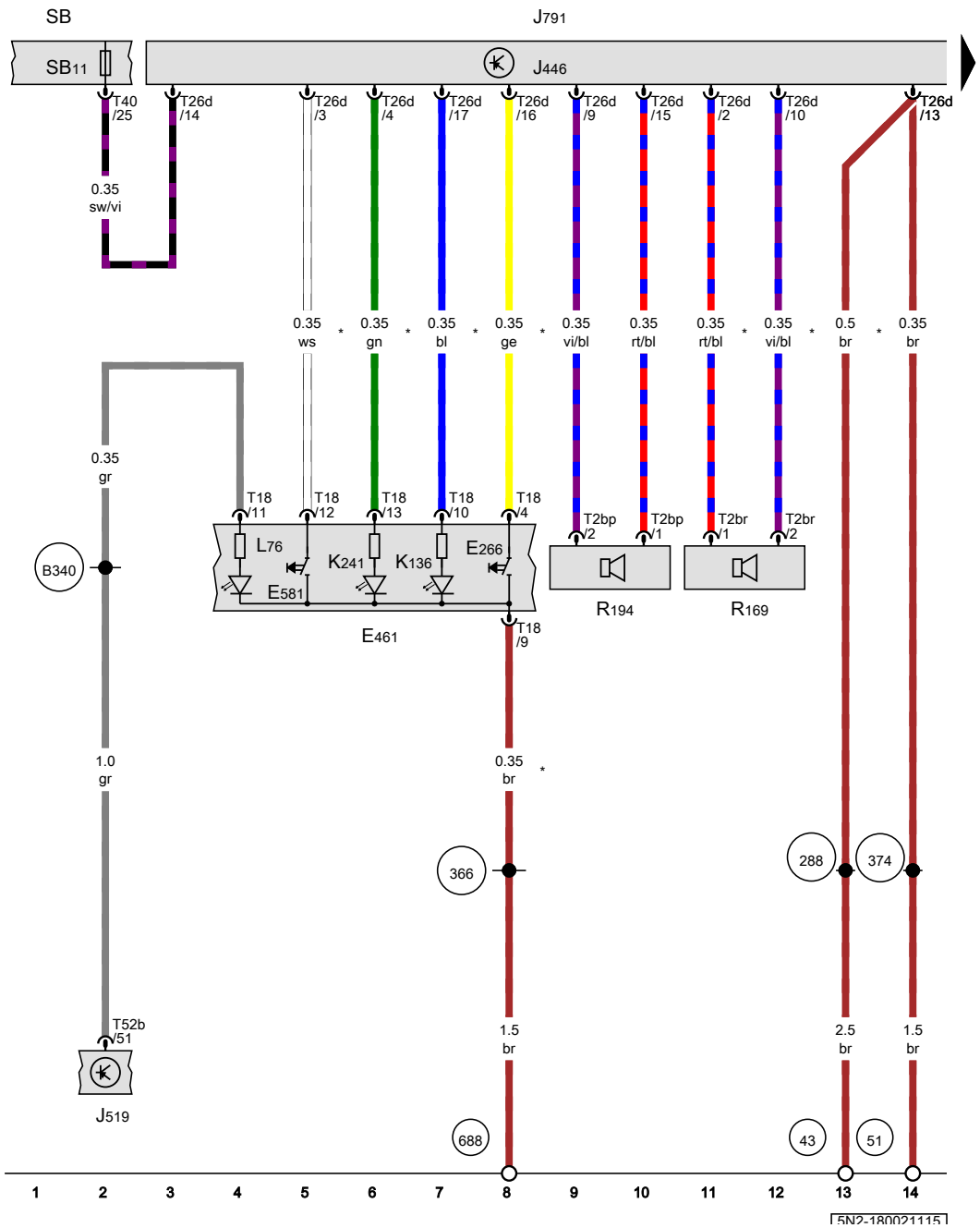
J533	Data bus diagnostic interface
J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R189	Reversing camera
SB	Fuse holder B
SB23	Fuse 23 on fuse holder B
T2ai	2-pin connector, grey
T2aj	2-pin connector, brown
T2xc	2-pin connector, black
T2xe	2-pin connector, grey
T2xf	2-pin connector, grey
T2xg	2-pin connector, green
T12ac	12-pin connector, blue
T20	20-pin connector, red
T20r	20-pin connector, black
T40	40-pin connector, black
51	Earth point, on right in luggage compartment
374	Earth connection 9, in main wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
*	Pre-wired component

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Parking aid (PDC) , (7X1),(7X5)

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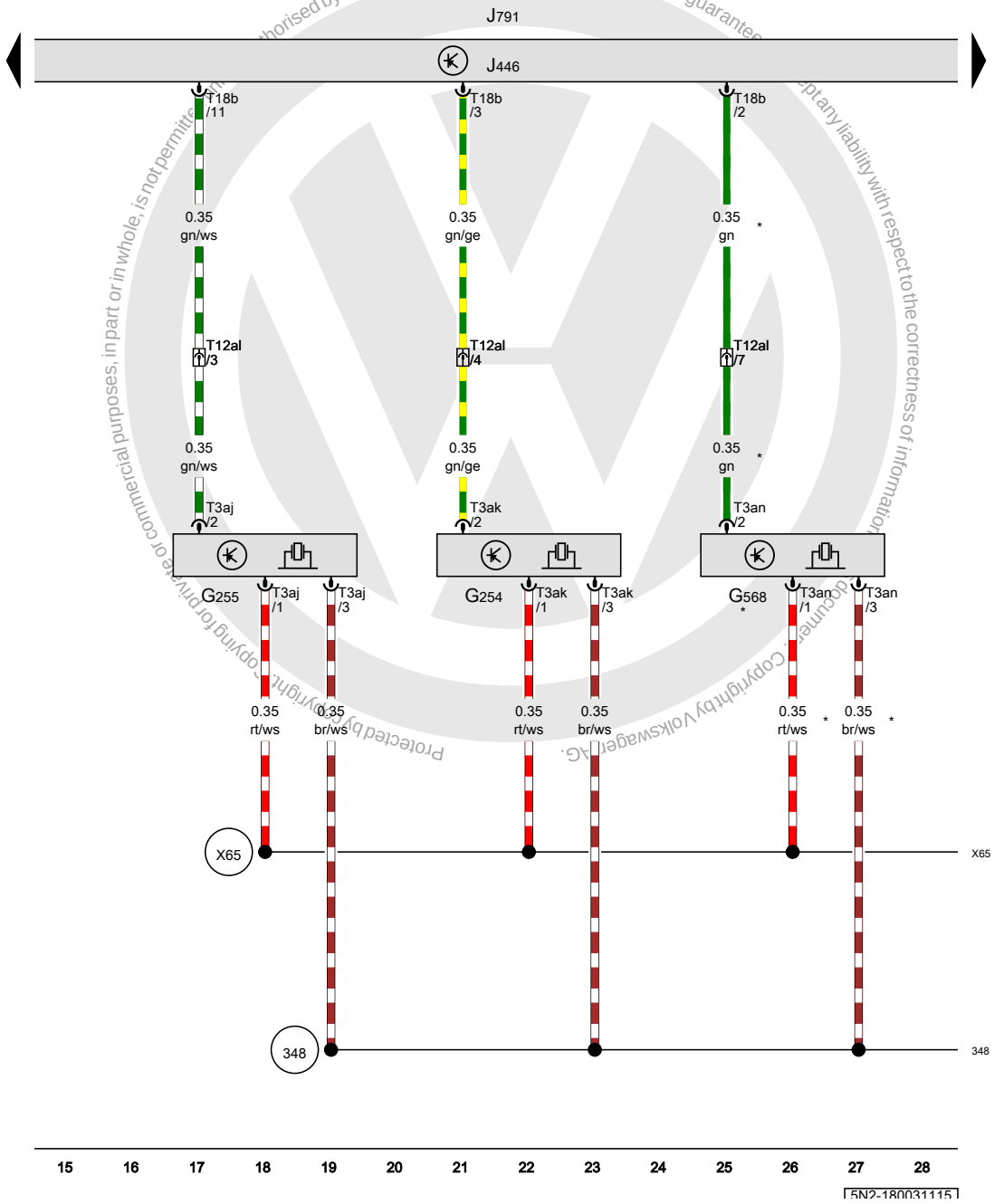


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Operating unit in front of centre console, Parking aid control unit, Park assist steering control unit, Parking aid loudspeaker, Rear loudspeaker for parking aid

E266	Parking aid button
E461	Operating unit in front of centre console
E581	Park assist steering button
J446	Parking aid control unit
J519	Onboard supply control unit
J791	Park assist steering control unit
K136	Parking aid warning lamp
K241	Warning light for park assist steering
L76	Button illumination bulb
R169	Parking aid loudspeaker
R194	Rear loudspeaker for parking aid
SB	Fuse holder B
SB11	Fuse 11 on fuse holder B
T2bp	2-pin connector, black
T2br	2-pin connector, black
T18	18-pin connector, black
T26d	26-pin connector, black
T40	40-pin connector, black
T52b	52-pin connector, colourless
43	Earth point, lower part of right A-pillar
51	Earth point, on right in luggage compartment
288	Earth connection (HRC), in dash panel wiring harness
366	Earth connection 1, in main wiring harness
374	Earth connection 9, in main wiring harness
688	Earth point 2, on centre tunnel
B340	Connection 1 (58d), in main wiring harness
*	Only models with park assist steering

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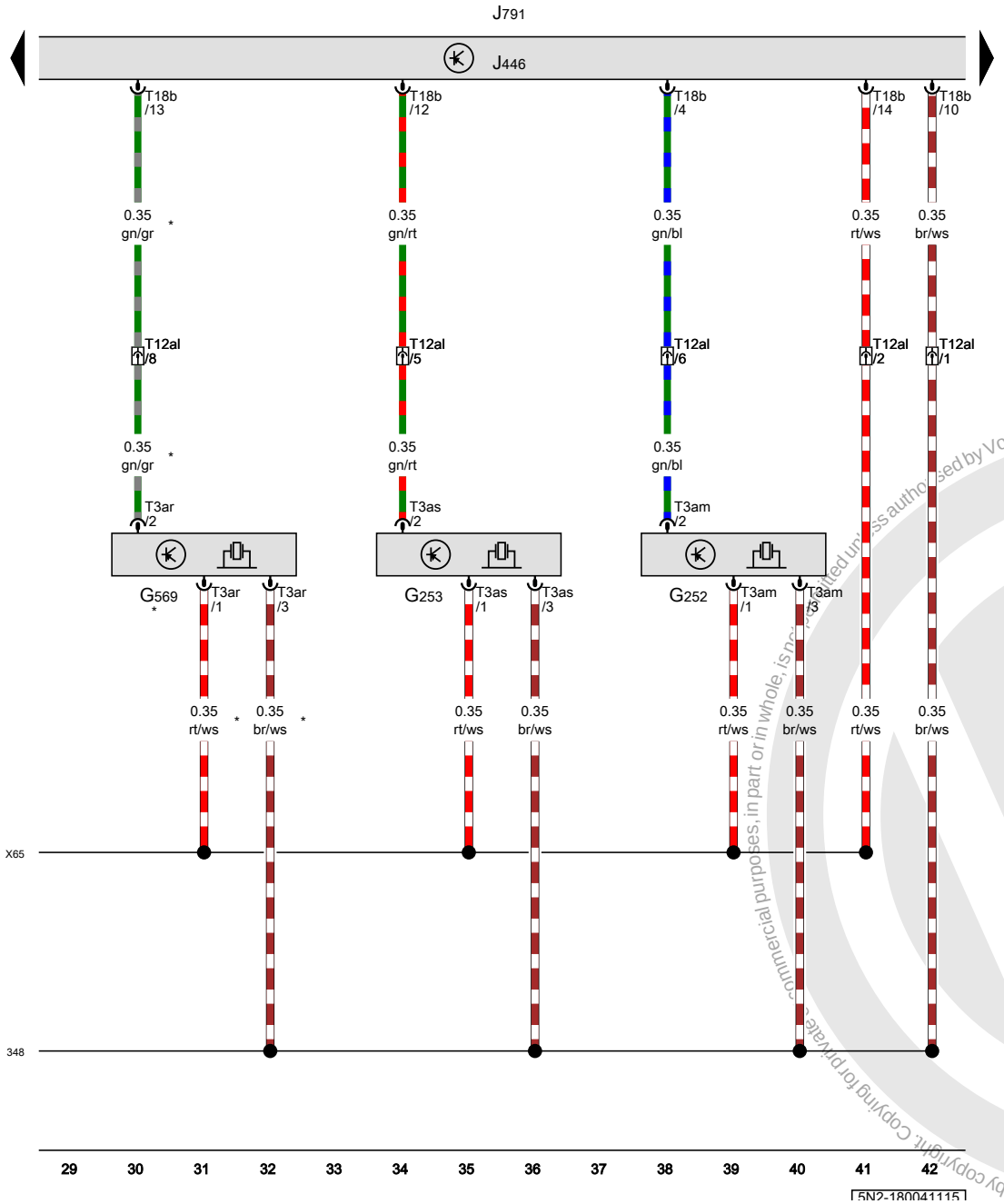


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rt = red
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gn = green
bl = blue
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li = purple
vi = purple
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or = orange
rs = pink

Front centre left parking aid sender, Front left parking aid sender, Front left sender for park assist steering on left side of vehicle, Parking aid control unit, Park assist steering control unit

G254	Front centre left parking aid sender
G255	Front left parking aid sender
G568	Front left sender for park assist steering on left side of vehicle
J446	Parking aid control unit
J791	Park assist steering control unit
T3aj	3-pin connector, black
T3ak	3-pin connector, black
T3an	3-pin connector, black
T12al	12-pin connector, black
T18b	18-pin connector, black
348	Earth connection (parking aid), in front bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness
*	Only models with park assist steering

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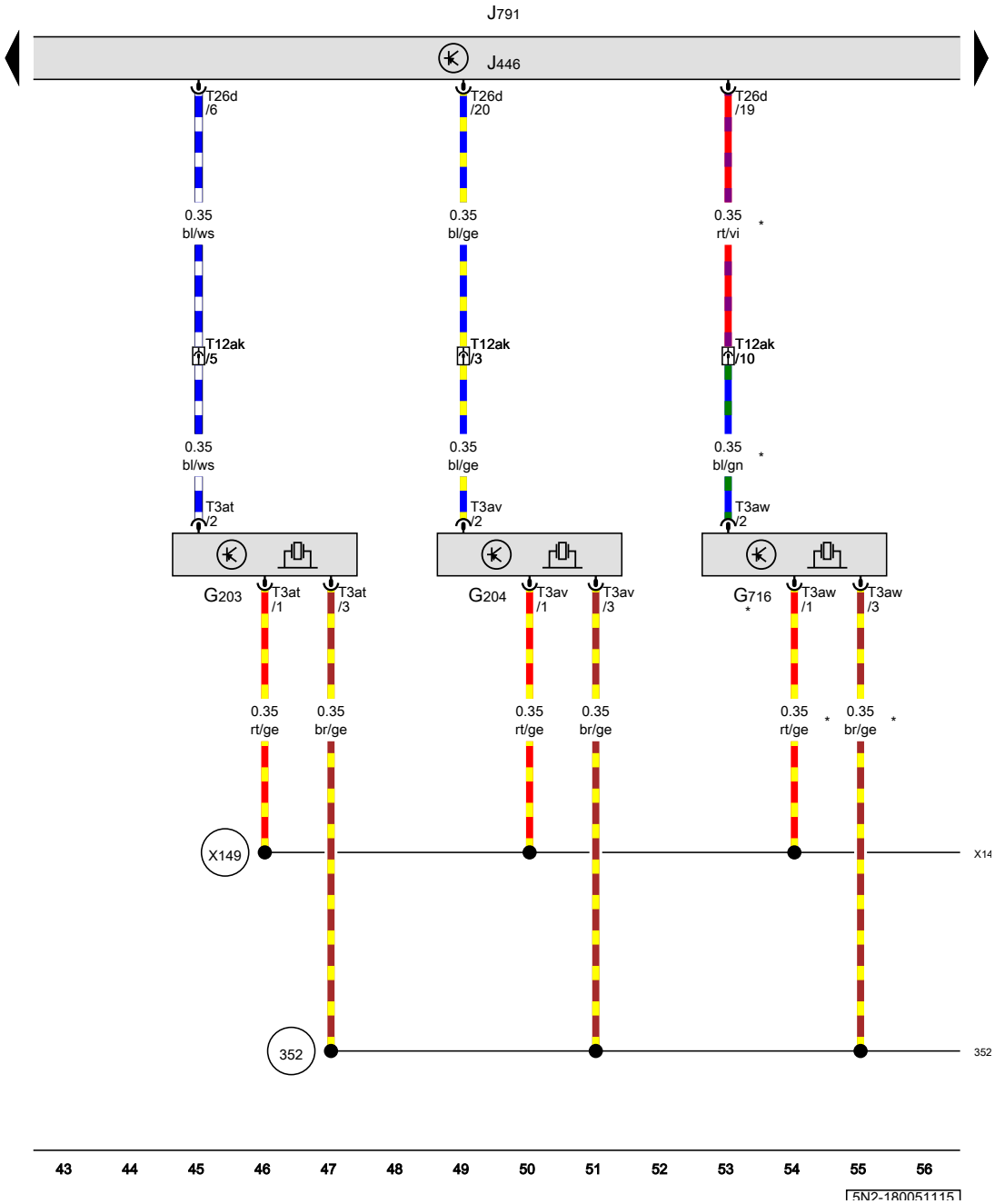


Front right parking aid sender, Front centre right parking aid sender, Front right sender for park assist steering on right side of vehicle, Parking aid control unit, Park assist steering control unit

G252	Front right parking aid sender
G253	Front centre right parking aid sender
G569	Front right sender for park assist steering on right side of vehicle
J446	Parking aid control unit
J791	Park assist steering control unit
T3am	3-pin connector, black
T3ar	3-pin connector, black
T3as	3-pin connector, black
T12al	12-pin connector, black
T18b	18-pin connector, black
348	Earth connection (parking aid), in front bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness
*	Only models with park assist steering

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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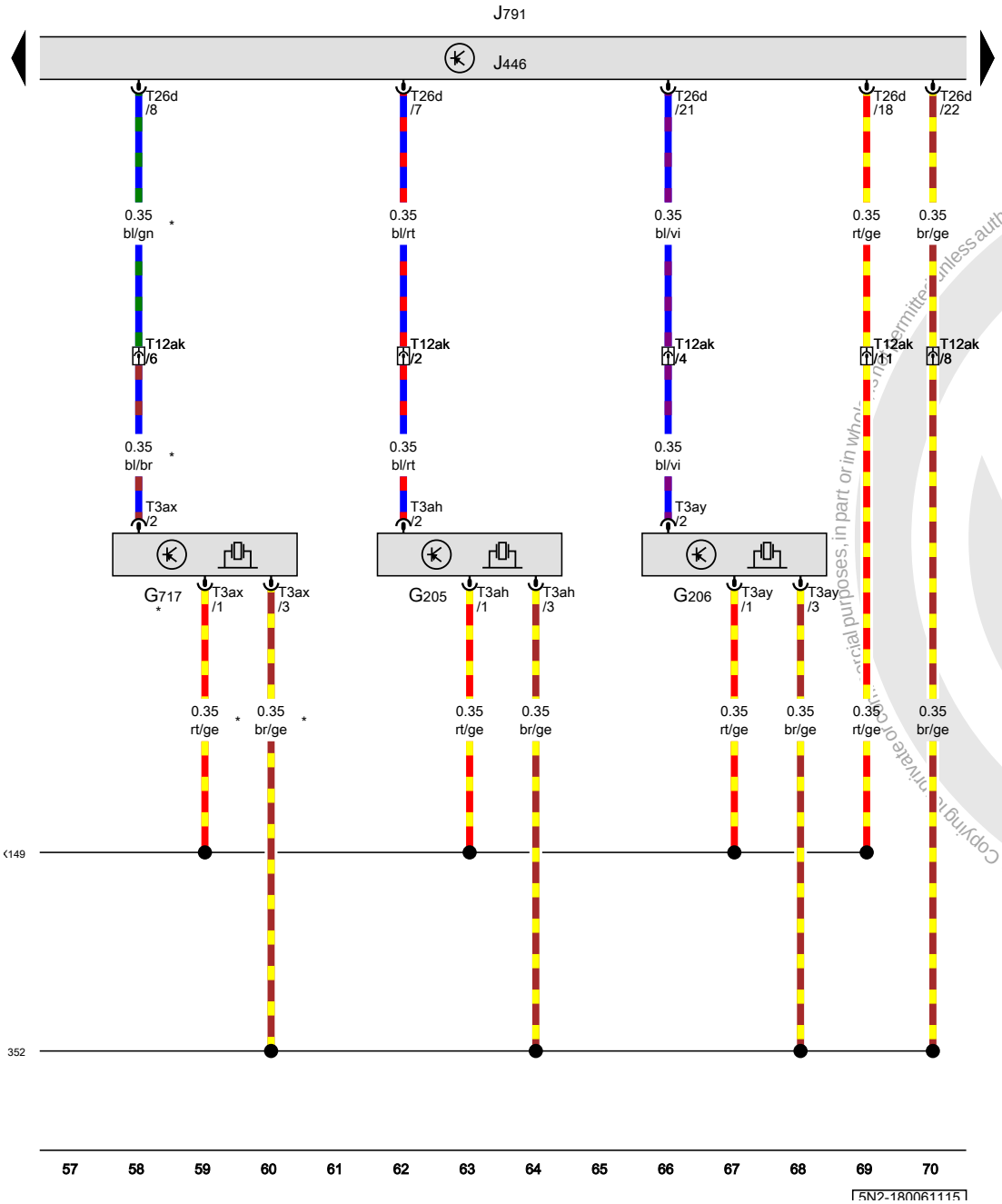


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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Rear left parking aid sender, Rear centre left parking aid sender, Rear left park assist steering sender, Parking aid control unit, Park assist steering control unit

G203	Rear left parking aid sender
G204	Rear centre left parking aid sender
G716	Rear left park assist steering sender
J446	Parking aid control unit
J791	Park assist steering control unit
T3at	3-pin connector, black
T3av	3-pin connector, black
T3aw	3-pin connector, black
T12ak	12-pin connector, black
T26d	26-pin connector, black
352	Earth connection (parking aid), in rear bumper wiring harness
X149	Connection (5V), rear bumper wiring harness
*	Only models with park assist steering

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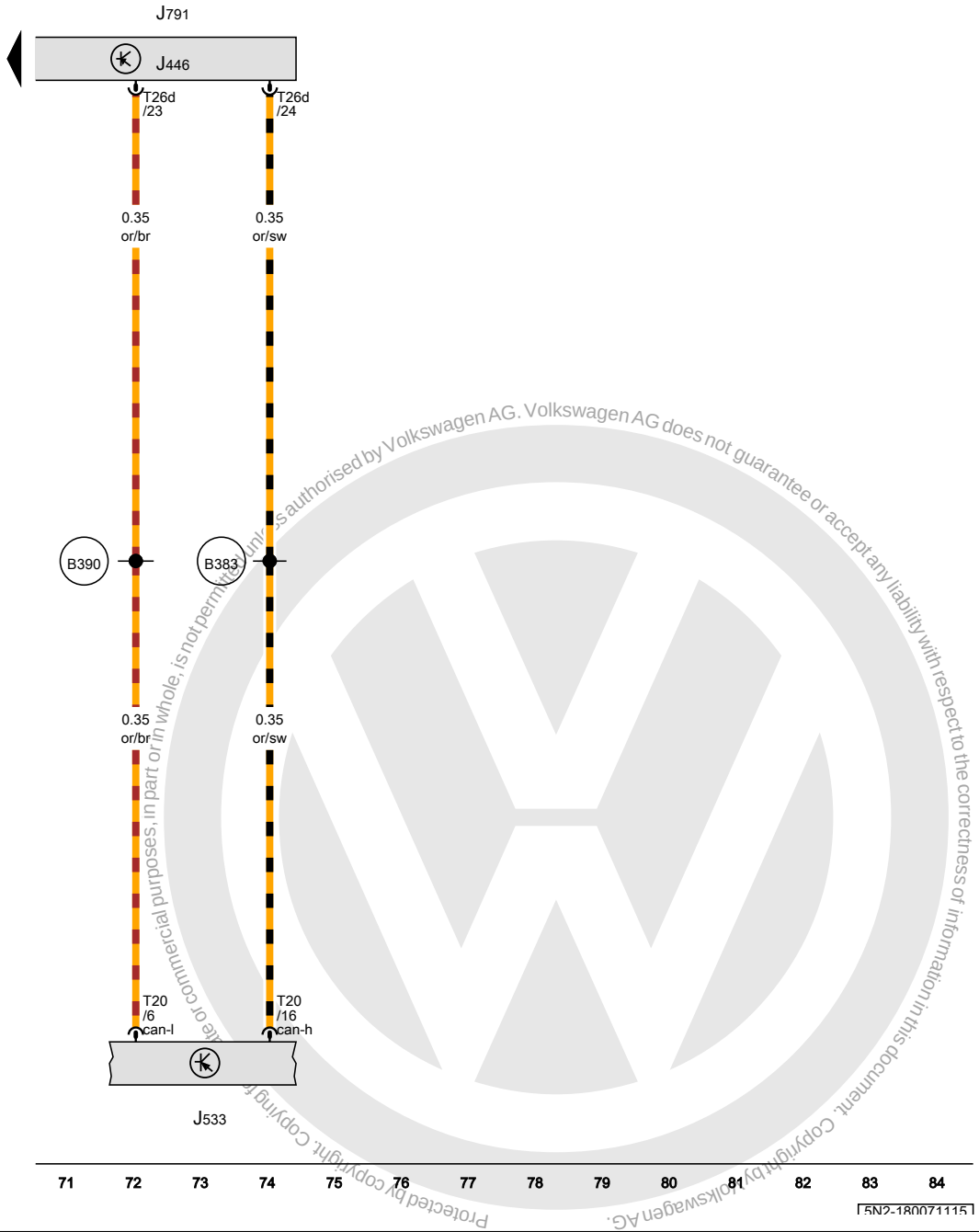


Rear centre right parking aid sender, Rear right parking aid sender, Rear right park assist steering sender, Parking aid control unit, Park assist steering control unit

G205	Rear centre right parking aid sender
G206	Rear right parking aid sender
G717	Rear right park assist steering sender
J446	Parking aid control unit
J791	Park assist steering control unit
T3ah	3-pin connector, black
T3ax	3-pin connector, black
T3ay	3-pin connector, black
T12ak	12-pin connector, black
T26d	26-pin connector, black
352	Earth connection (parking aid), in rear bumper wiring harness
X149	Connection (5V), rear bumper wiring harness
*	Only models with park assist steering

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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Parking aid control unit, Data bus diagnostic interface, Park assist steering control unit

J446	Parking aid control unit
J533	Data bus diagnostic interface
J791	Park assist steering control unit
T20	20-pin connector, red
T26d	26-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

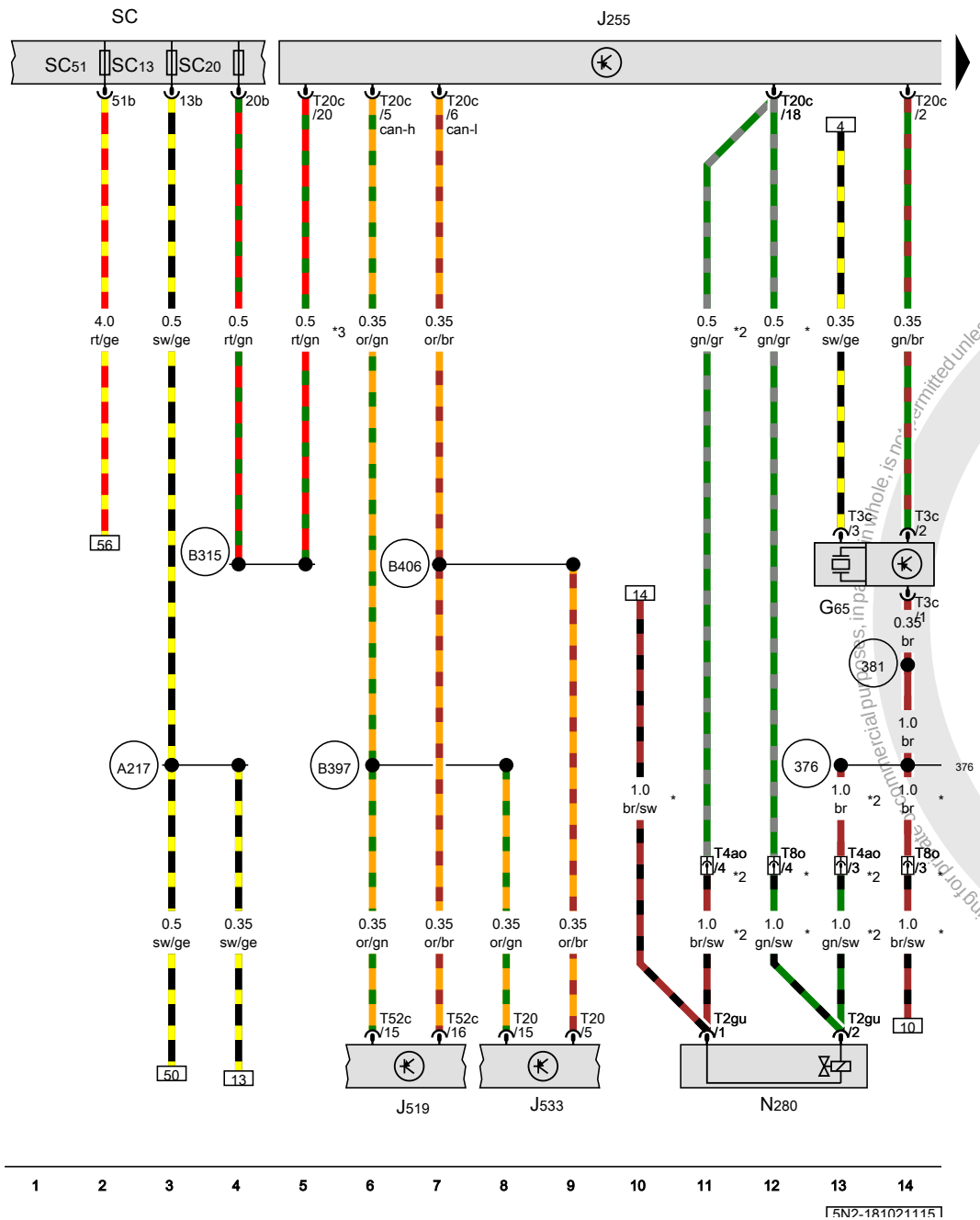
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Climatronic , (9AK)

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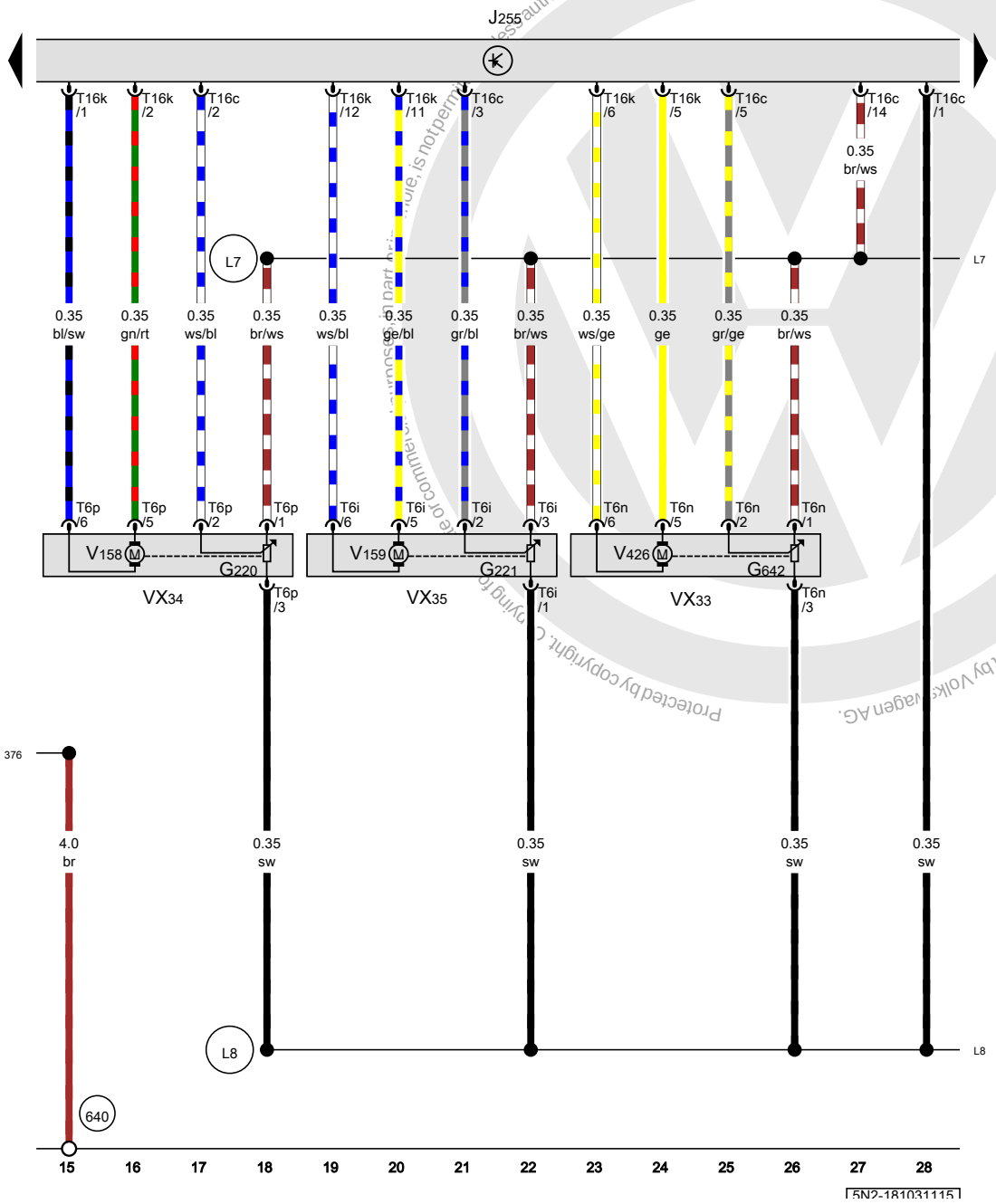


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High-pressure sender, Climatronic control unit, Onboard supply control unit, Data bus diagnostic interface, Air conditioner compressor regulating valve

G65	High-pressure sender
J255	Climatronic control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
N280	Air conditioner compressor regulating valve
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC51	Fuse 51 on fuse holder C
T2gu	2-pin connector, black
T3c	3-pin connector, black
T4ao	4-pin connector, black
T8o	8-pin connector, black
T20	20-pin connector, black
T20c	20-pin connector, black
T52c	52-pin connector, brown
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine
*3	Only models with auxiliary coolant heater

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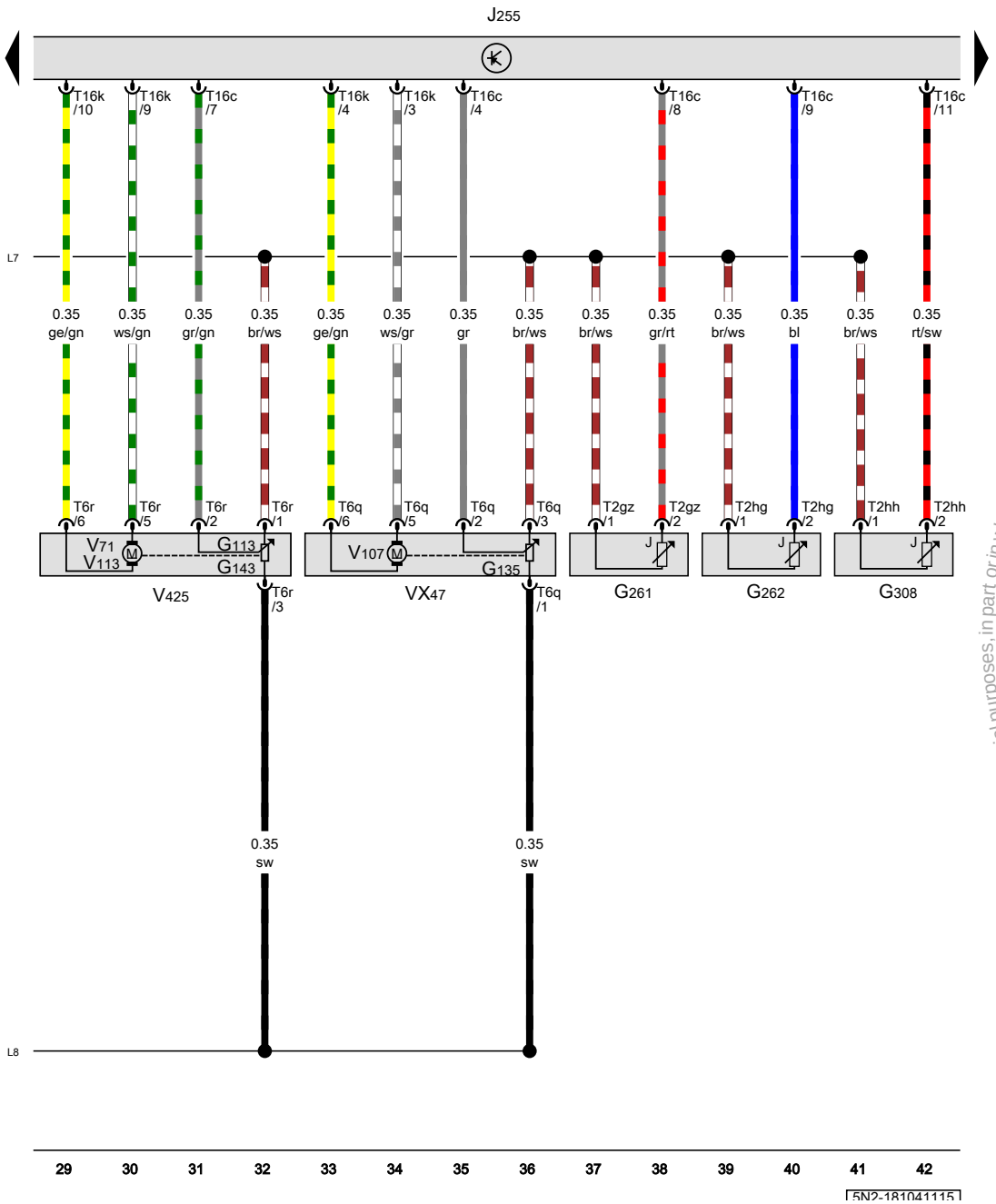


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Climatronic control unit, Air distribution flap, Front left temperature flap, Front right temperature flap

G220	Potentiometer for left temperature flap control motor
G221	Potentiometer for right temperature flap control motor
G642	Potentiometer for front air distribution flap control motor
J255	Climatronic control unit
T6i	6-pin connector, black
T6n	6-pin connector, black
T6p	6-pin connector, black
T16c	16-pin connector, black
T16k	16-pin connector, black
VX33	Air distribution flap
VX34	Front left temperature flap
VX35	Front right temperature flap
V158	Left temperature flap control motor
V159	Right temperature flap control motor
V426	Front air distribution flap control motor
376	Earth connection 11, in main wiring harness
640	Earth point 2, left in engine compartment
L7	Connection 3, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness

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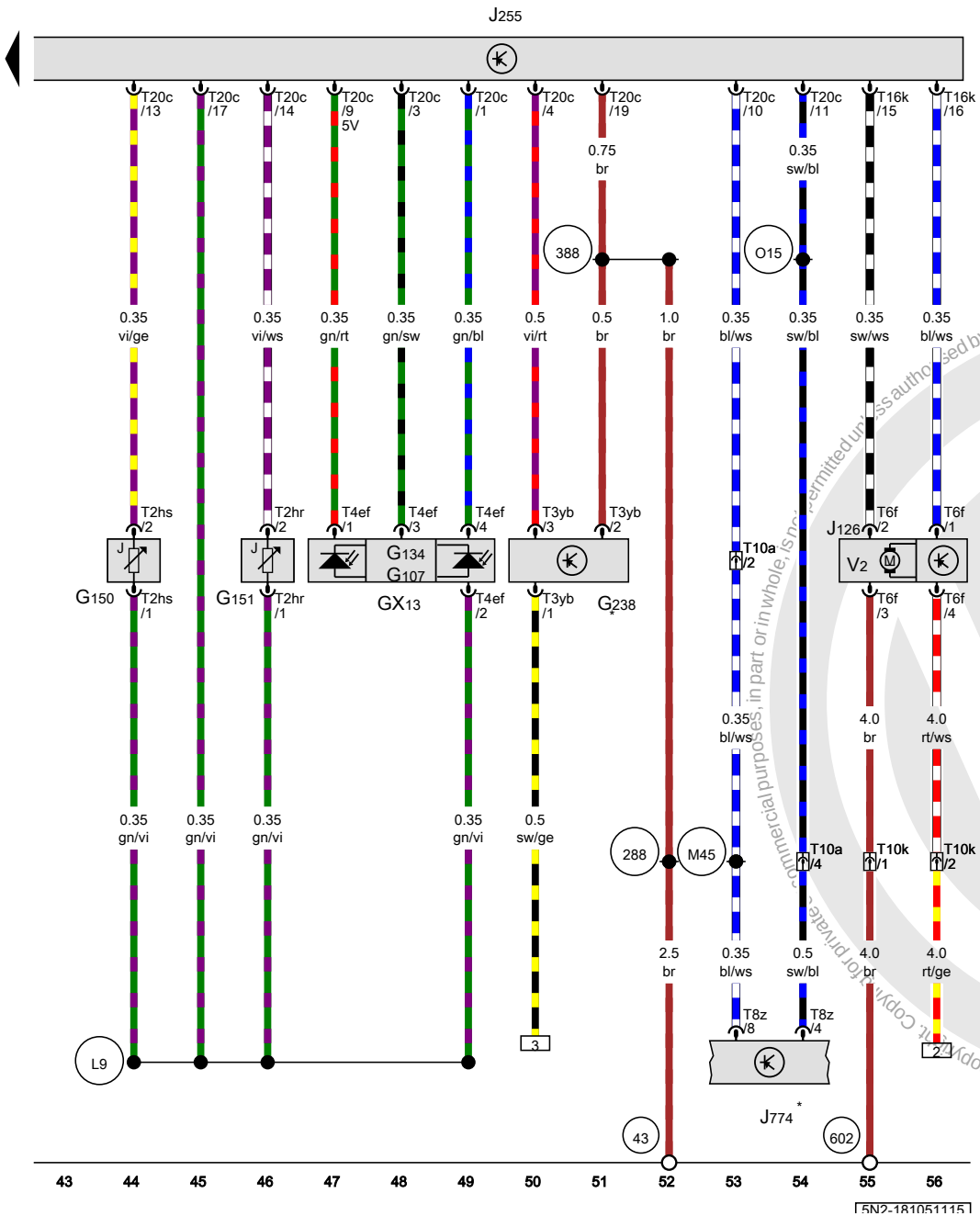


Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator temperature sensor, Climatronic control unit, Defroster flap, Air flow flap control motor

G113	Potentiometer for air flow flap control motor
G135	Potentiometer for defroster flap control motor
G143	Potentiometer for air recirculation flap control motor
G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G308	Evaporator temperature sensor
J255	Climatronic control unit
T2gz	2-pin connector, black
T2hg	2-pin connector, black
T2hh	2-pin connector, black
T6q	6-pin connector, black
T6r	6-pin connector, black
T16c	16-pin connector, black
T16k	16-pin connector, black
VX47	Defroster flap
V71	Air flow flap control motor
V107	Defroster flap control motor
V113	Air recirculation flap control motor
V425	Fresh air/air recirculation, air flow flap control motor
L7	Connection 3, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness

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Photosensor, Left vent temperature sender, Right vent temperature sender, Fresh air blower control unit, Climatronic control unit, Heated front seats control unit

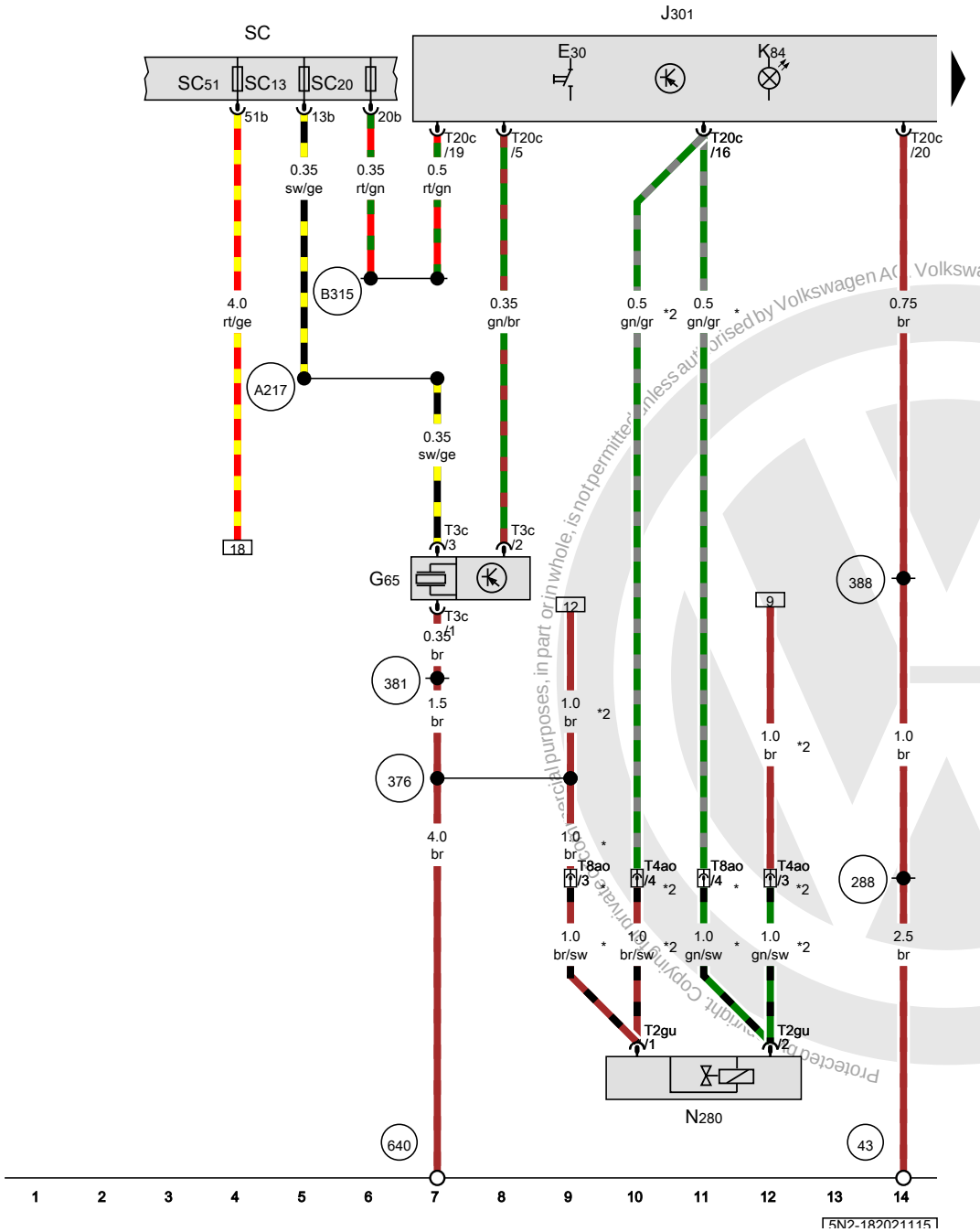
GX13	Photosensor
G107	Sunlight penetration photosensor
G134	Sunlight penetration photosensor 2
G150	Left vent temperature sender
G151	Right vent temperature sender
G238	Air quality sensor
J126	Fresh air blower control unit
J255	Climatronic control unit
J774	Heated front seats control unit
T2hr	2-pin connector, black
T2hs	2-pin connector, black
T3yb	3-pin connector, grey
T4ef	4-pin connector, black
T6f	6-pin connector, black
T8z	8-pin connector, black
T10a	10-pin connector, black
T10k	10-pin connector, black
T16k	16-pin connector, black
T20c	20-pin connector, black
V2	Fresh air blower
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
388	Earth connection 23, in main wiring harness
602	Earth point, in front left footwell
L9	Connection 1, in air conditioning system wiring harness
M45	Connection 5, in driver seat wiring harness
O15	Connection 4, in seat heating wiring harness
*	According to equipment

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Air conditioning system , (KH6)

From May 2015

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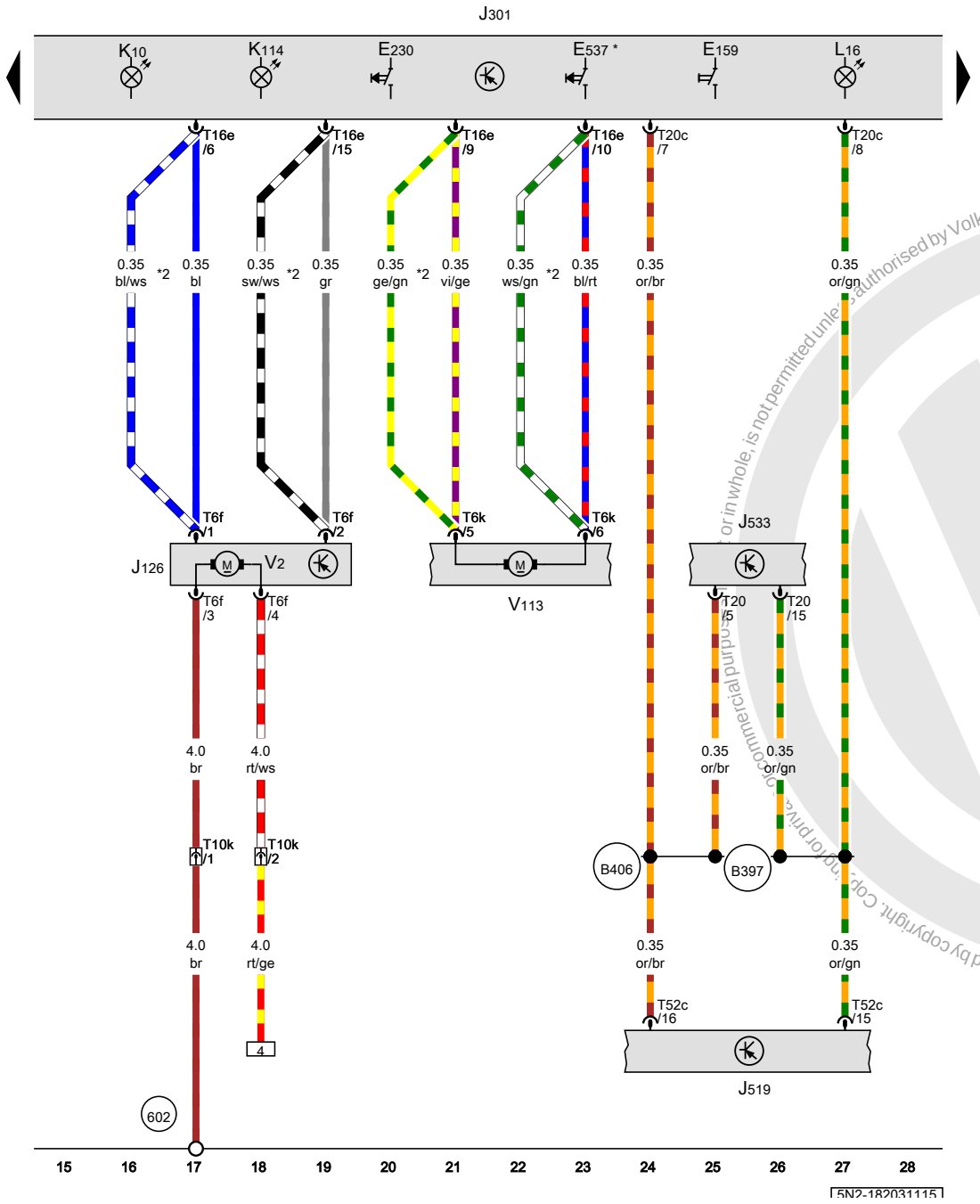


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

High-pressure sender, Air conditioning system control unit, Air conditioner compressor regulating valve

E30	Air conditioning system switch
G65	High-pressure sender
J301	Air conditioning system control unit, in centre console
K84	Air conditioning system warning lamp
N280	Air conditioner compressor regulating valve
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC51	Fuse 51 on fuse holder C
T2gu	2-pin connector, black
T3c	3-pin connector, black
T4ao	4-pin connector, black
T8ao	8-pin connector, black
T20c	20-pin connector, black
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
376	Earth connection 11, in main wiring harness
381	Earth connection 16, in main wiring harness
388	Earth connection 23, in main wiring harness
640	Earth point 2, left in engine compartment
A217	Positive connection 8 (15a) in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine

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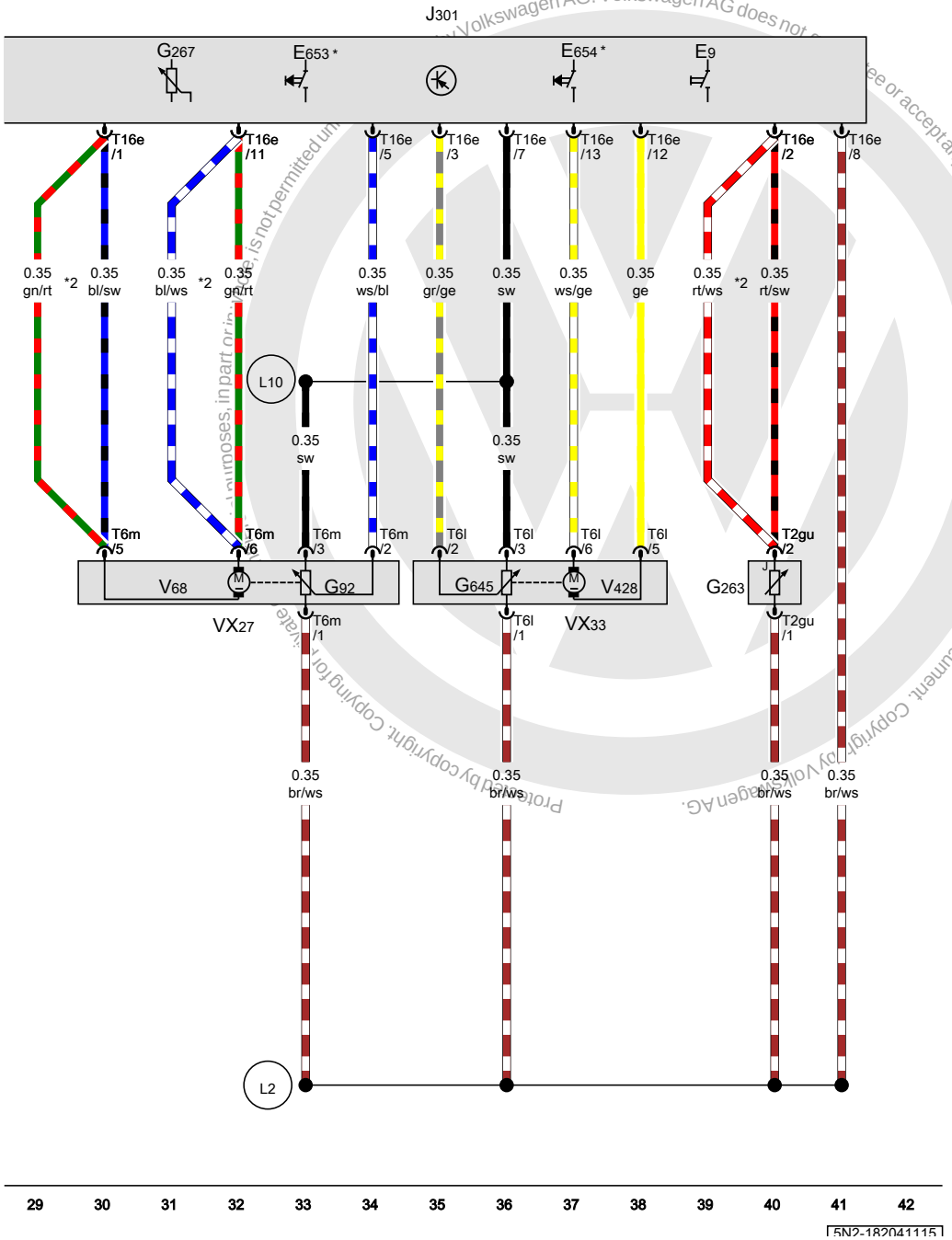


Air conditioning system control unit, Onboard supply control unit, Fresh air blower, Air recirculation flap control motor

E159	Fresh air and air recirculation flap switch
E230	Heated rear window button
E537	Instant heating button
J126	Fresh air blower control unit
J301	Air conditioning system control unit, in centre console
J519	Onboard supply control unit
J533	Data bus diagnostic interface
K10	Heated rear window warning lamp
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
T6f	6-pin connector, brown
T6k	6-pin connector, blue
T10k	10-pin connector, black
T16e	16-pin connector, black
T20	20-pin connector, red
T20c	20-pin connector, black
T52c	52-pin connector, brown
V2	Fresh air blower
V113	Air recirculation flap control motor
602	Earth point, in front left footwell
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with auxiliary heating
*2	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Evaporator output temperature sender, Air conditioning system control unit, Temperature flap, Air distribution flap

E9	Fresh air blower switch
E653	Button for left seat heating
E654	Button for right seat heating
G92	Potentiometer for temperature flap control motor
G263	Evaporator output temperature sender
G267	Potentiometer for temperature selection rotary knob
G645	Potentiometer for air distribution flap control motor
J301	Air conditioning system control unit, in centre console
T2gu	2-pin connector, black
T6l	6-pin connector, blue
T6m	6-pin connector, blue
T16e	16-pin connector, black
VX27	Temperature flap
VX33	Air distribution flap
V68	Temperature flap control motor
V428	Air distribution flap control motor
L2	Connection in air conditioning system wiring harness
L10	Connection 2, in air conditioning system wiring harness
*	According to equipment
*2	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

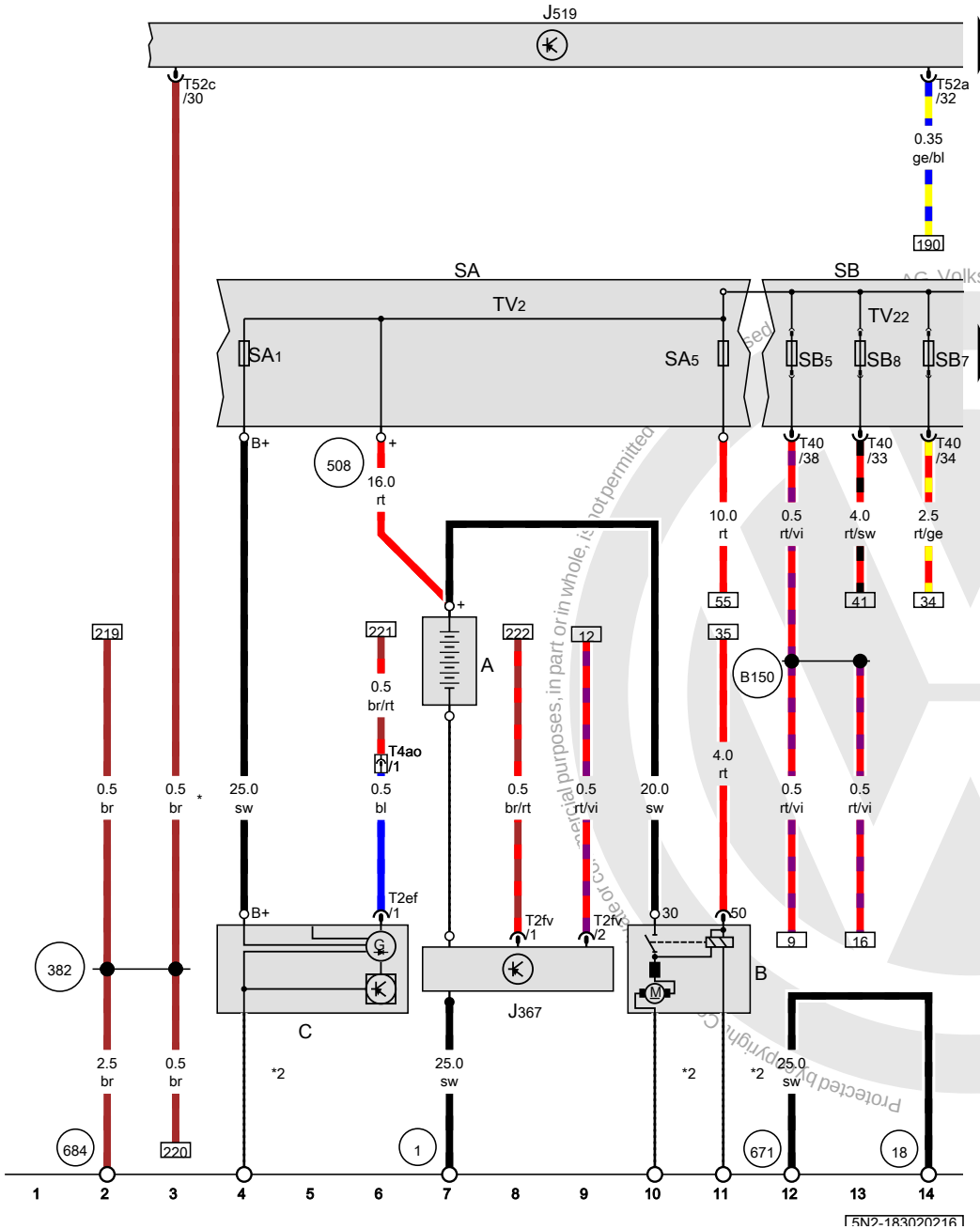
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1.4l petrol engine , CZDA,CZDB

From November 2015

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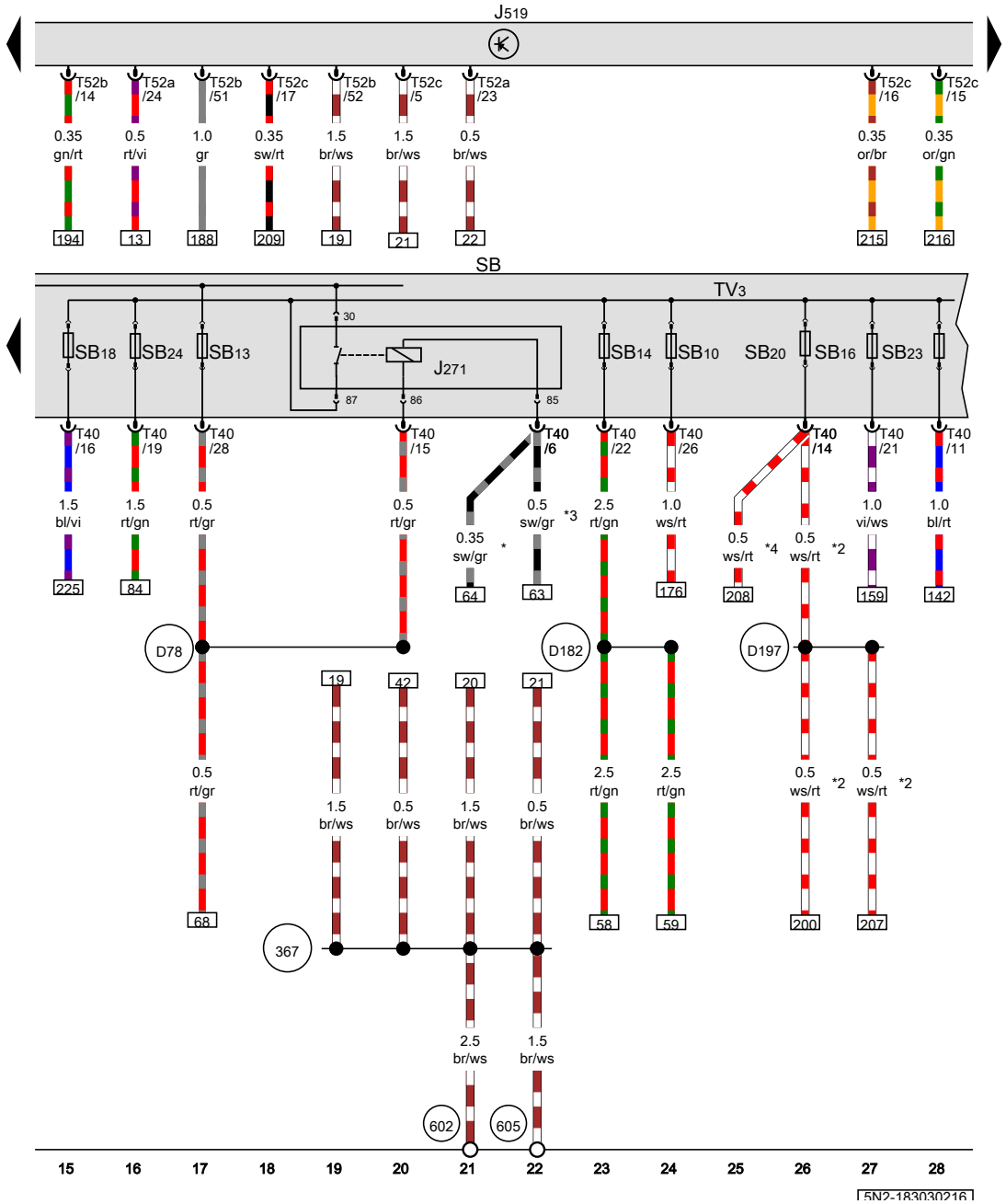
Battery, Starter, Alternator, Battery monitor control unit, Onboard supply control unit, Fuse holder A, Fuse holder B



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

A	Battery
B	Starter
C	Alternator
J367	Battery monitor control unit
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA5	Fuse 5 in fuse holder A
SB	Fuse holder B
SB5	Fuse 5 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T2ef	2-pin connector, black
T2fv	2-pin connector, black
T4ao	4-pin connector, black
T40	40-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
TV2	Terminal 30 wiring junction
TV22	Terminal 30 wiring junction 2
1	Earth strap, battery - body
18	Earth point, on cylinder block
382	Earth connection 17, in main wiring harness
508	Threaded connection (30) on E-box
671	Earth point 1, on front of left longitudinal member
684	Earth point on front of left side member
B150	Positive connection 2 (30a), in interior wiring harness
*	According to equipment
*2	Earth supply via housing

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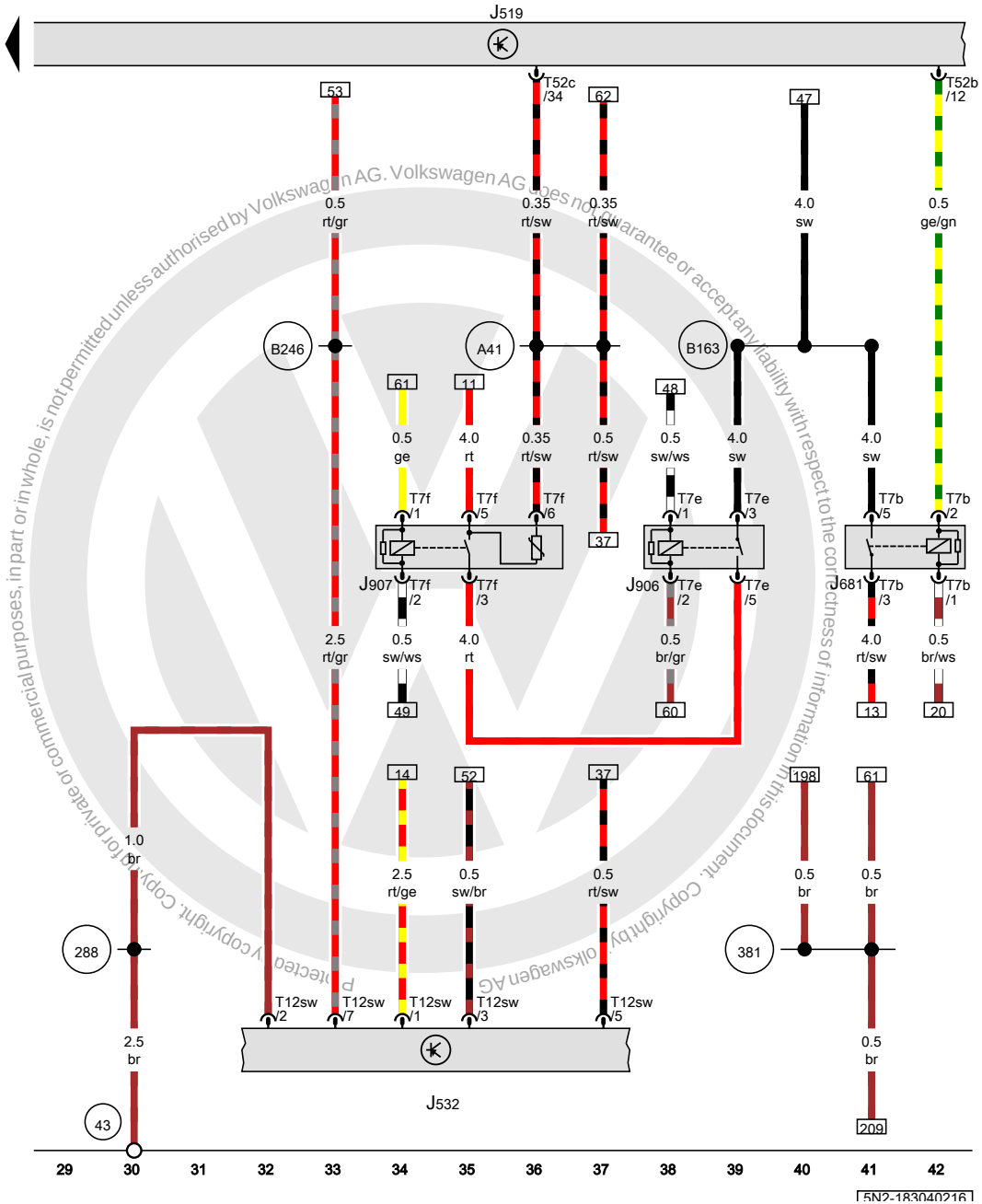


Main relay, Onboard supply control unit, Fuse holder B

J271	Main relay
J519	Onboard supply control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T40	40-pin connector, black
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
TV3	Terminal 30a wiring junction
367	Earth connection 2, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
D78	Positive connection 1 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
D197	Connection 5 (87a), in engine compartment wiring harness
*	Only right-hand drive models
*2	Only models with manual gearbox
*3	Only left-hand drive models
*4	Only models with no manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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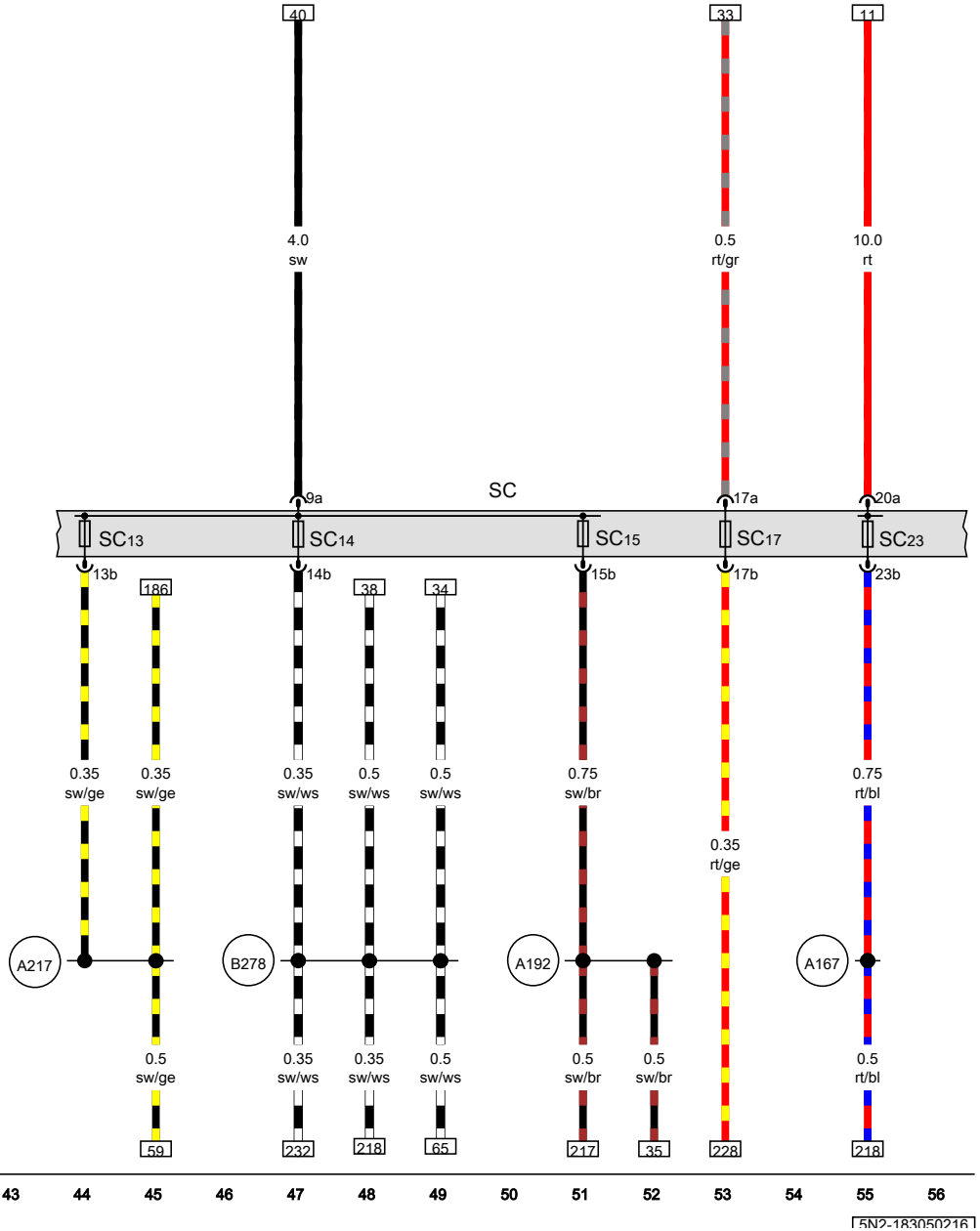


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Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2

J519	Onboard supply control unit
J532	Voltage stabiliser
J681	Terminal 15 voltage supply relay 2
J906	Starter relay 1
J907	Starter relay 2
T7b	7-pin connector, black
T7e	7-pin connector, red
T7f	7-pin connector, green
T12sw	12-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
43	Earth point, lower part of right A-pillar
288	Earth connection (HRC), in dash panel wiring harness
381	Earth connection 16, in main wiring harness
A41	Positive connection (50), in dash panel wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B246	Positive connection (30a, stabilised), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



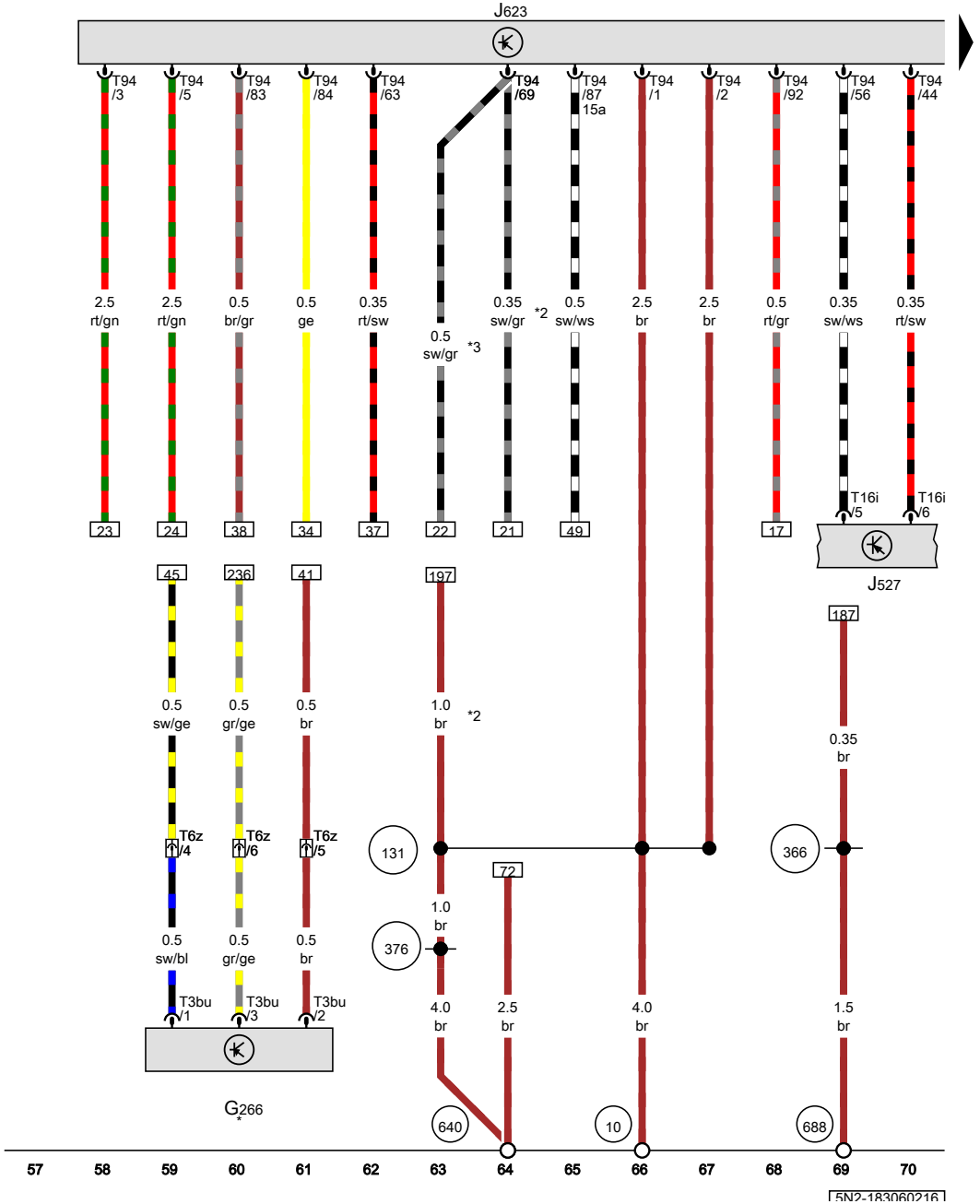
Fuse holder C

SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC17	Fuse 17 on fuse holder C
SC23	Fuse 23 on fuse holder C
A167	Positive connection 3 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A217	Positive connection 8 (15a) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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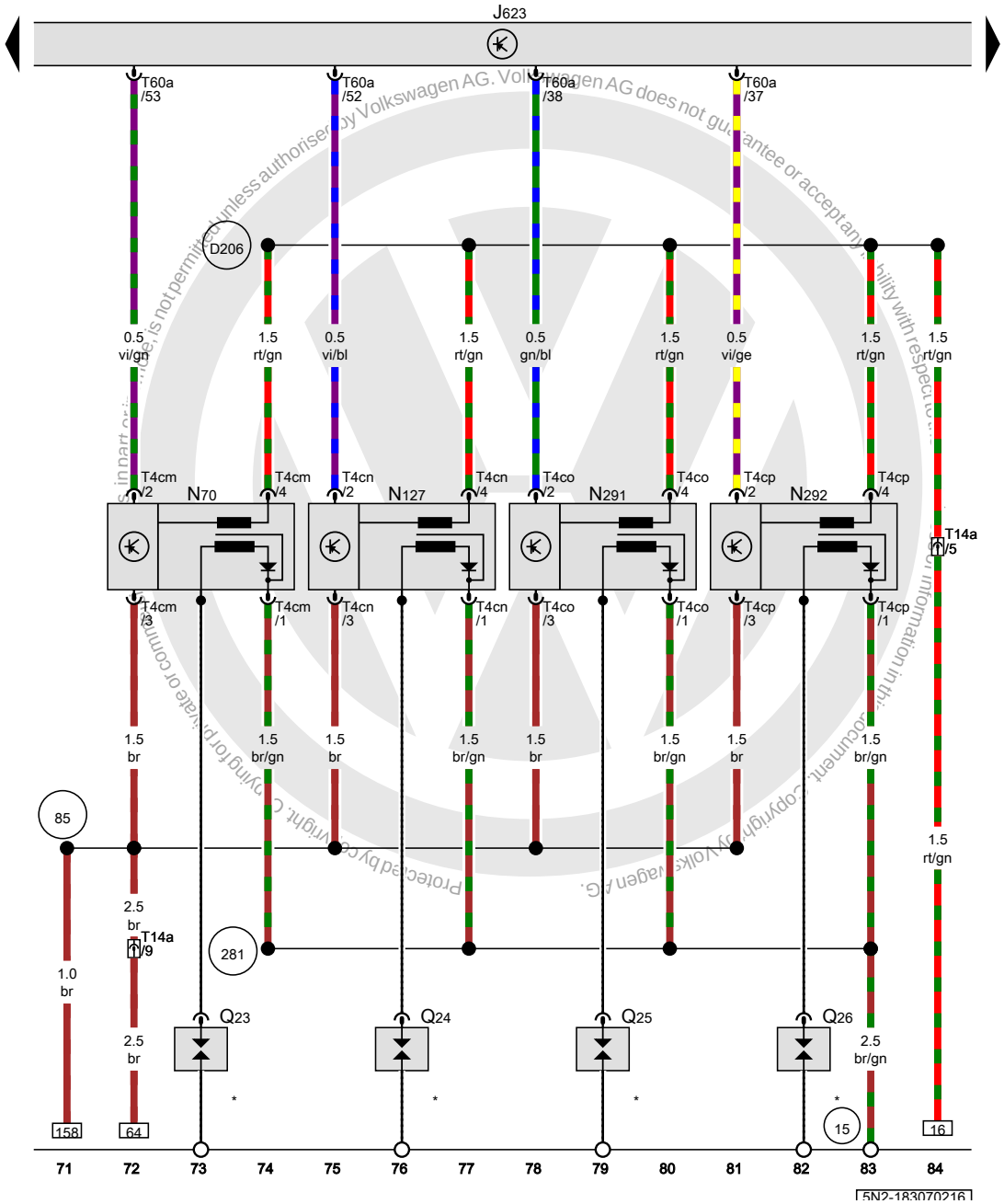
Oil level and oil temperature sender, Engine control unit



G266	Oil level and oil temperature sender
J527	Steering column electronics control unit
J623	Engine control unit
T3bu	3-pin connector, black
T6z	6-pin connector, black
T16i	16-pin connector, black
T94	94-pin connector, black
10	Earth point, in plenum chamber
131	Earth connection 2, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
376	Earth connection 11, in main wiring harness
640	Earth point 2, left in engine compartment
688	Earth point 2, on centre tunnel
*	According to equipment
*2	Only right-hand drive models
*3	Only left-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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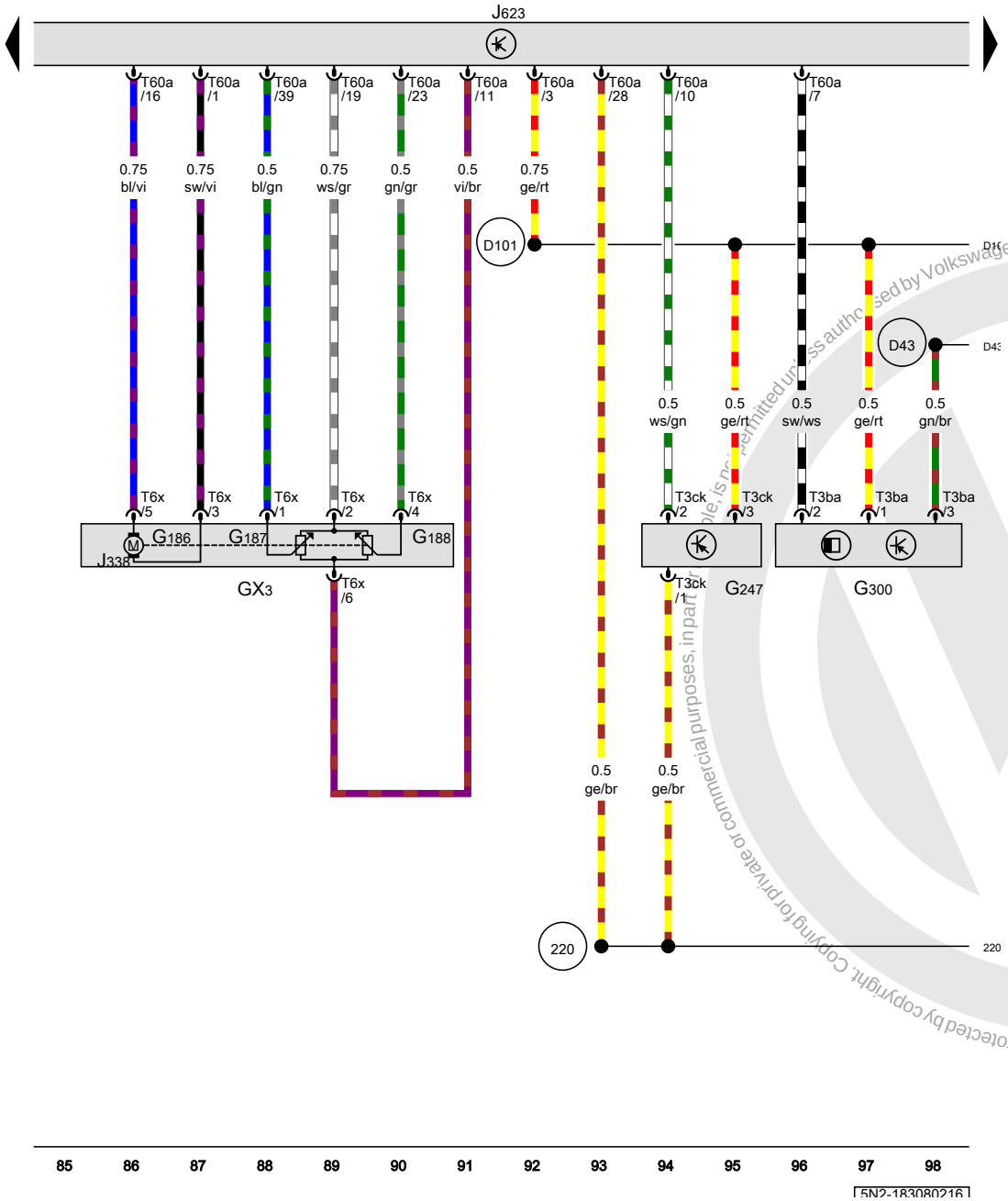


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4cm	4-pin connector, black
T4cn	4-pin connector, black
T4co	4-pin connector, black
T4cp	4-pin connector, black
T14a	14-pin connector, grey
T60a	60-pin connector, black
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	Earth supply via housing

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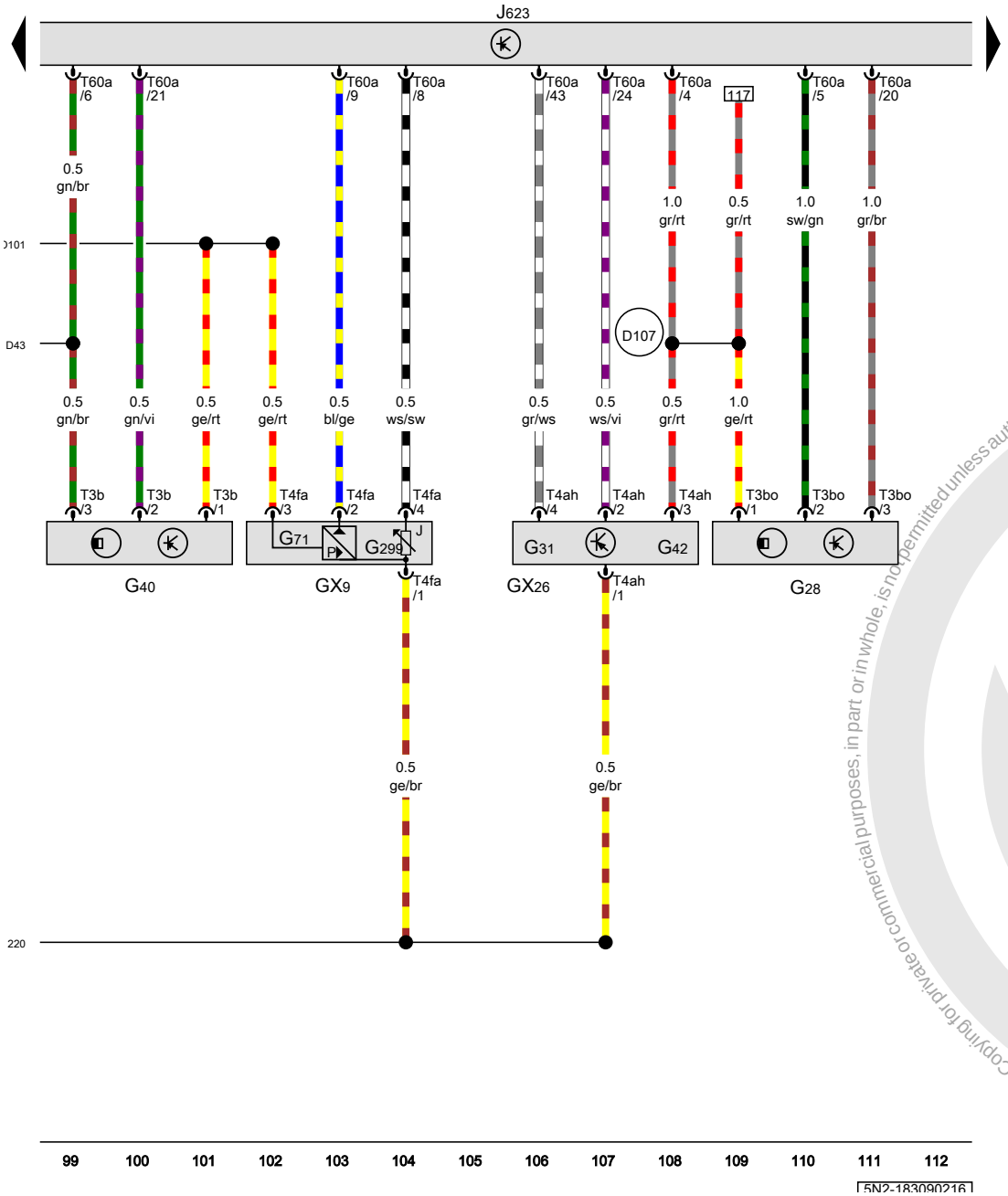


Throttle valve module, Fuel pressure sender, Hall sender 3, Engine control unit, Connection 5, in engine prewiring harness

GX3	Throttle valve module
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
G300	Hall sender 3
J338	Throttle valve module
J623	Engine control unit
T3ba	3-pin connector, black
T3ck	3-pin connector, black
T6x	6-pin connector, black
T60a	60-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D43	Connection 5, in engine prewiring harness
D101	Connection 1 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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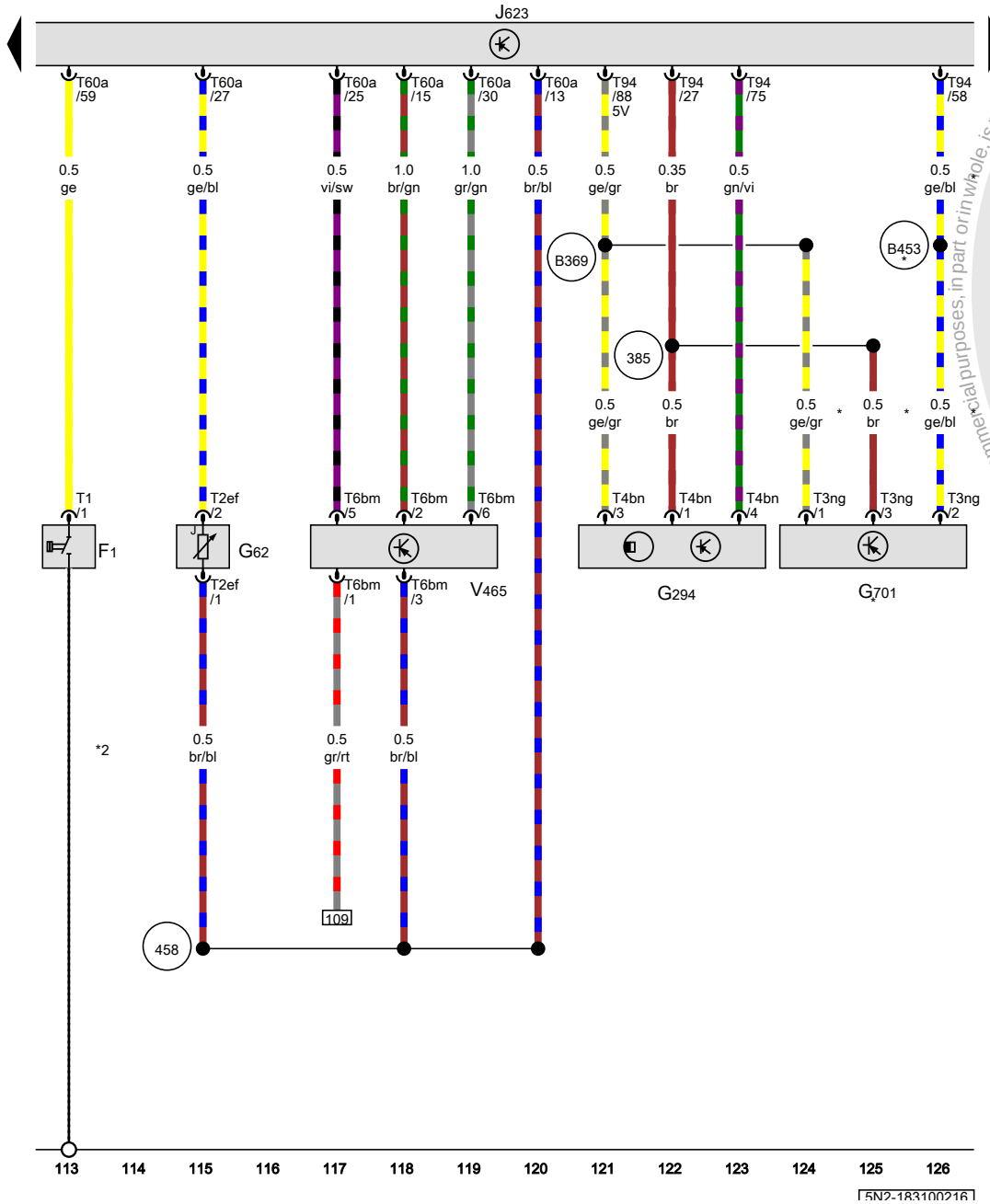


Intake manifold sender, Charge pressure sender, Engine speed sender, Intake manifold pressure sender, Intake air temperature sender 2, Engine control unit, Connection 5, in engine prewiring harness

GX9	Intake manifold sender
GX26	Charge pressure sender
G28	Engine speed sender
G31	Charge pressure sender
G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G299	Intake air temperature sender 2
J623	Engine control unit
T3b	3-pin connector, black
T3bo	3-pin connector, black
T4ah	4-pin connector, black
T4fa	4-pin connector, black
T60a	60-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D43	Connection 5, in engine prewiring harness
D101	Connection 1 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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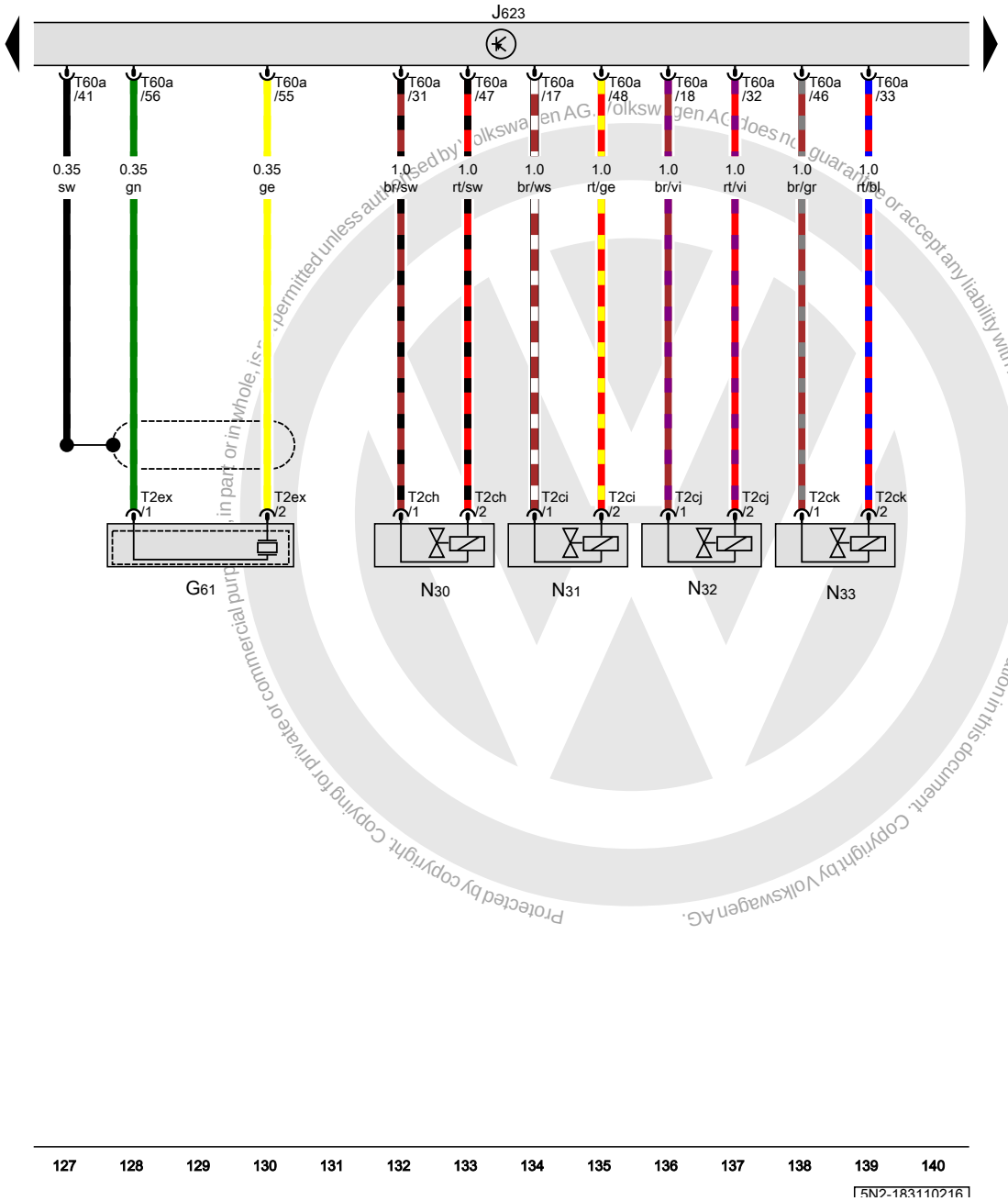


Oil pressure switch, Coolant temperature sender, Brake servo pressure sensor, Engine control unit, Charge pressure positioner

F1	Oil pressure switch
G62	Coolant temperature sender
G294	Brake servo pressure sensor
G701	Gearbox neutral position sender
J623	Engine control unit
T1	Single connector, dark blue
T2ef	2-pin connector, black
T3ng	3-pin connector, black
T4bn	4-pin connector, black
T6bm	6-pin connector, grey
T60a	60-pin connector, black
T94	94-pin connector, black
V465	Charge pressure positioner
385	Earth connection 20, in main wiring harness
458	Earth point 3, engine prewiring harness
B369	Connection 1 (5V), in main wiring harness
B453	Connection 1 (sensor), in main wiring harness
*	Only models with manual gearbox
*2	Earth supply via housing

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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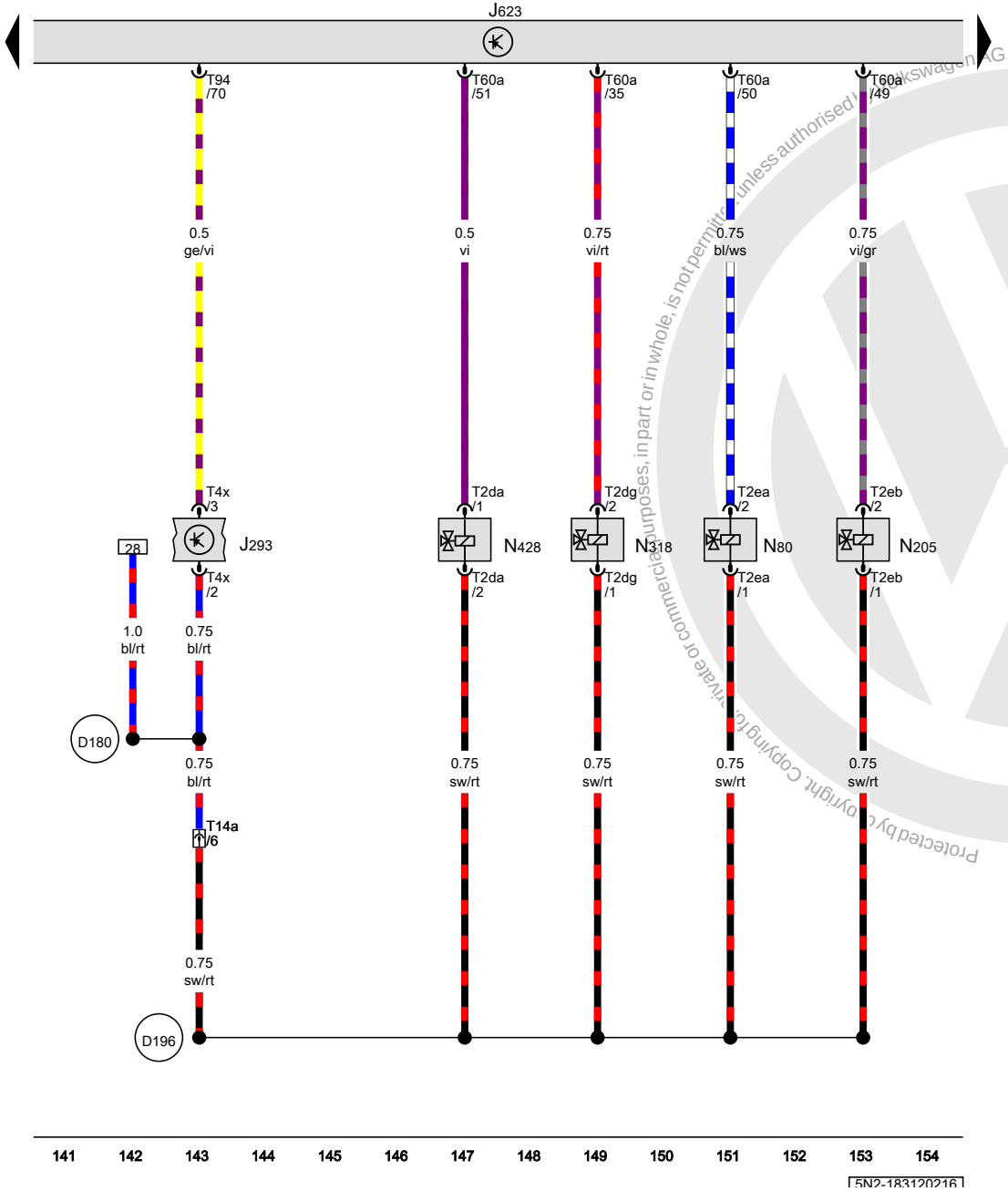


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Knock sensor 1, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G61	Knock sensor 1
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2ch	2-pin connector, black
T2ci	2-pin connector, black
T2cj	2-pin connector, black
T2ck	2-pin connector, black
T2ex	2-pin connector, black
T60a	60-pin connector, black

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

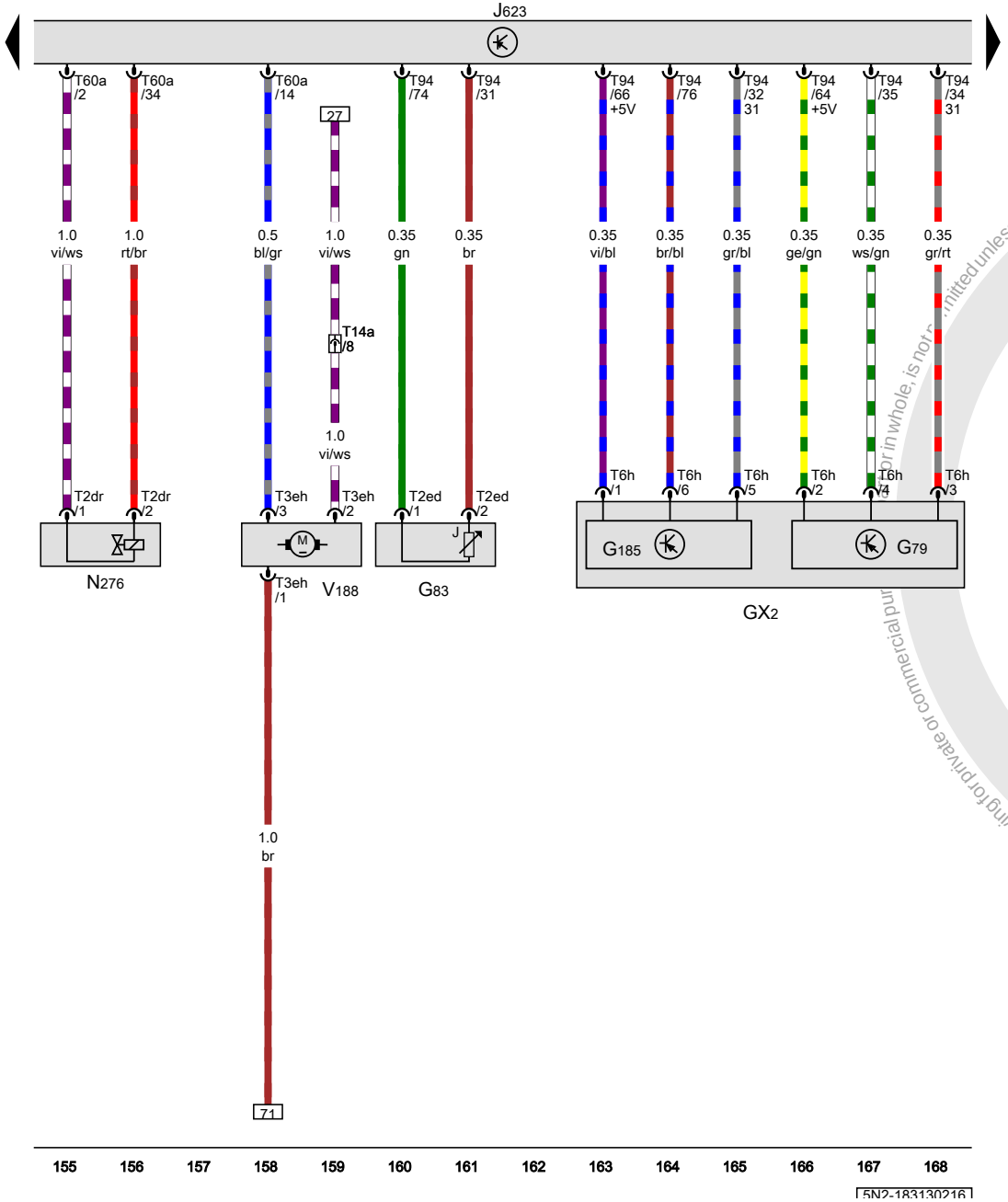


Radiator fan control unit, Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control

J293	Radiator fan control unit
J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N318	Exhaust camshaft control valve 1
N428	Valve for oil pressure control
T2da	2-pin connector, black
T2dg	2-pin connector, black
T2ea	2-pin connector, black
T2eb	2-pin connector, black
T4x	4-pin connector, black
T14a	14-pin connector, grey
T60a	60-pin connector, black
T94	94-pin connector, black
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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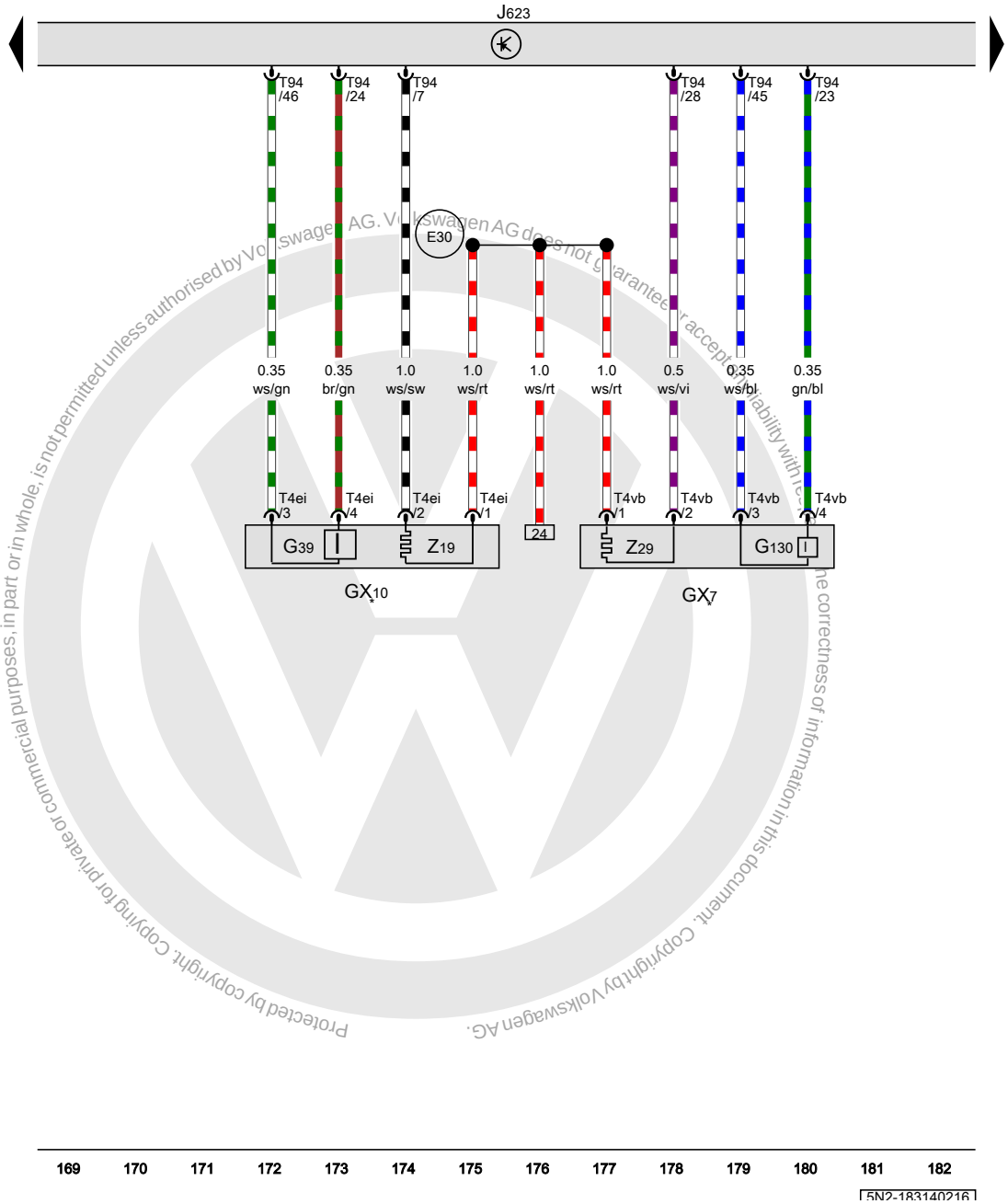


Accelerator pedal module, Accelerator position sender, Radiator outlet coolant temperature sender, Accelerator position sender 2, Engine control unit, Fuel pressure regulating valve, Charge air cooling pump

GX2	Accelerator pedal module
G79	Accelerator position sender
G83	Radiator outlet coolant temperature sender
G185	Accelerator position sender 2
J623	Engine control unit
N276	Fuel pressure regulating valve
T2dr	2-pin connector, black
T2ed	2-pin connector, black
T3eh	3-pin connector, black
T6h	6-pin connector, black
T14a	14-pin connector, grey
T60a	60-pin connector, black
T94	94-pin connector, black
V188	Charge air cooling pump

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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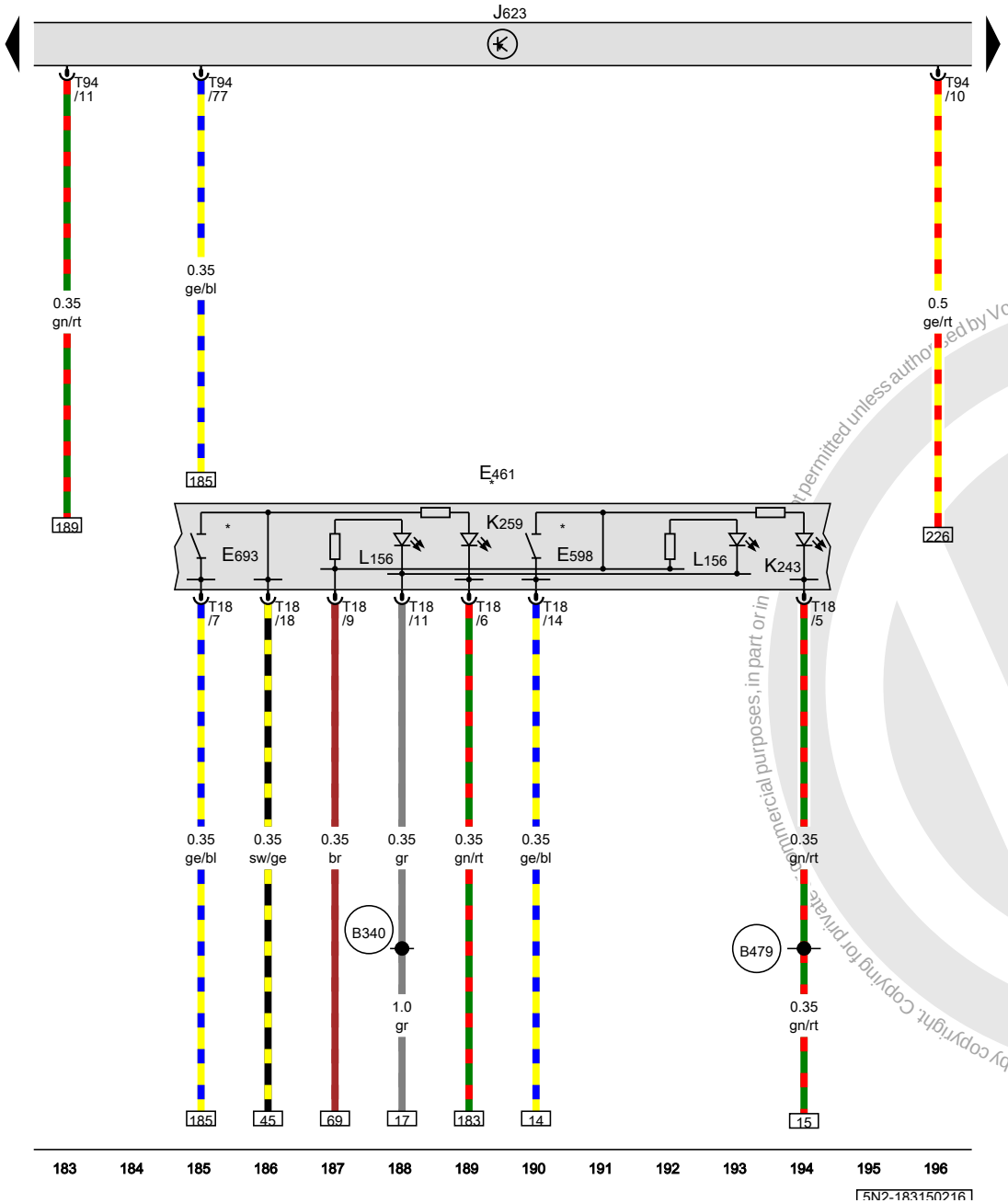


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Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater

GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4ei	4-pin connector, brown
T4vb	4-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
E30	Connection (87a), in engine wiring harness
*	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

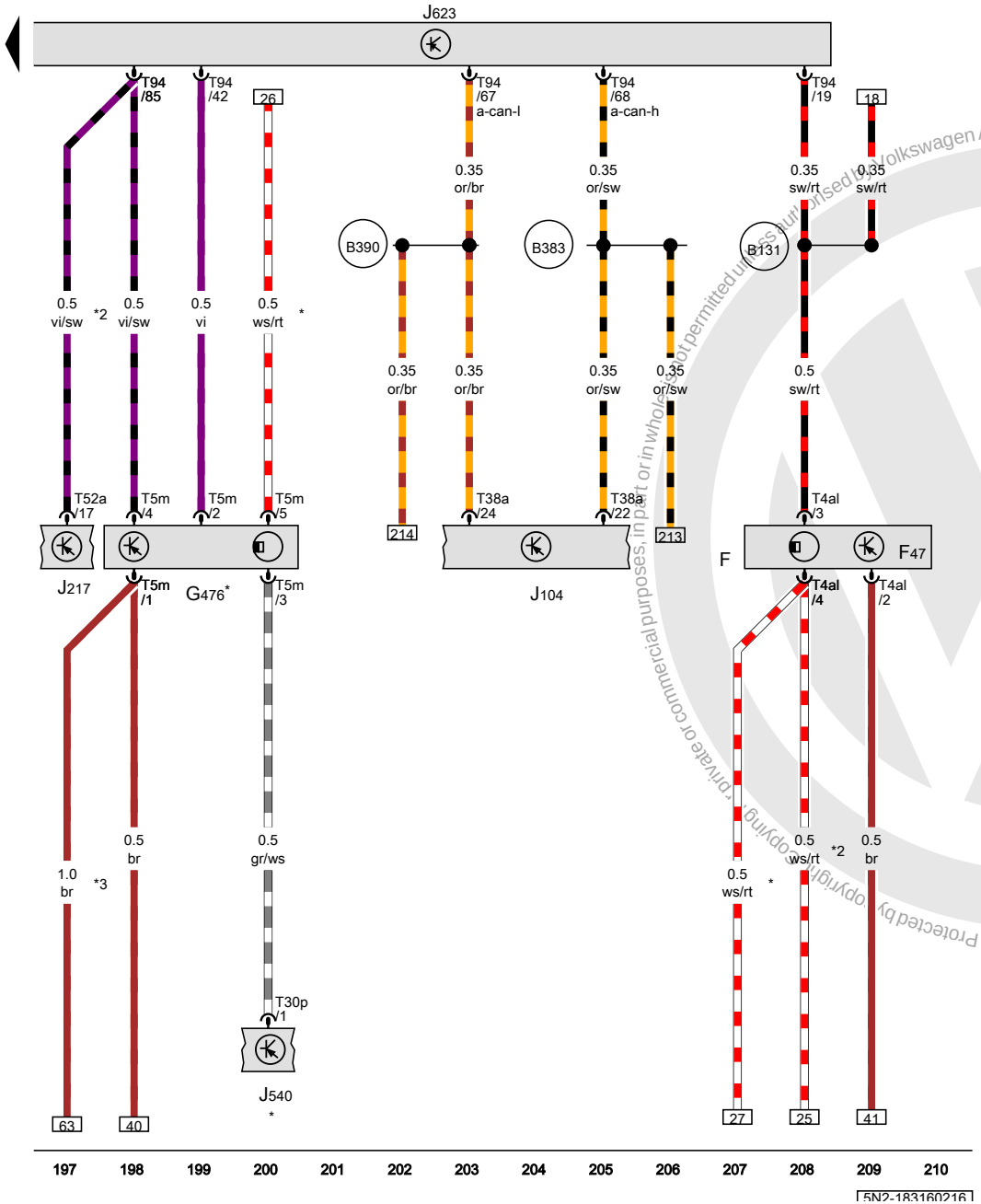


Operating unit in front of centre console, Start/Stop operation button, Engine control unit

E461	Operating unit in front of centre console
E598	Driving program button
E693	Start/Stop operation button
J623	Engine control unit
K243	Driving program warning light
K259	Start/Stop operation warning lamp
L156	Switch illumination bulb
T18	18-pin connector, black
T94	94-pin connector, black
B340	Connection 1 (58d), in main wiring harness
B479	Connection 15, in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Brake light switch, Clutch position sender, Control unit for electromechanical parking brake, Engine control unit

F	Brake light switch
F47	Brake pedal switch
G476	Clutch position sender
J104	ABS control unit
J217	Automatic gearbox control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T4al	4-pin connector, black
T5m	5-pin connector, black
T30p	30-pin connector, black
T38a	38-pin connector, brown
T52a	52-pin connector, black
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only models with no manual gearbox
*3	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Data bus diagnostic interface, Diagnostic connection

J533 Data bus diagnostic interface
T16 16-pin connector
T20 20-pin connector, red
U31 Diagnostic connection

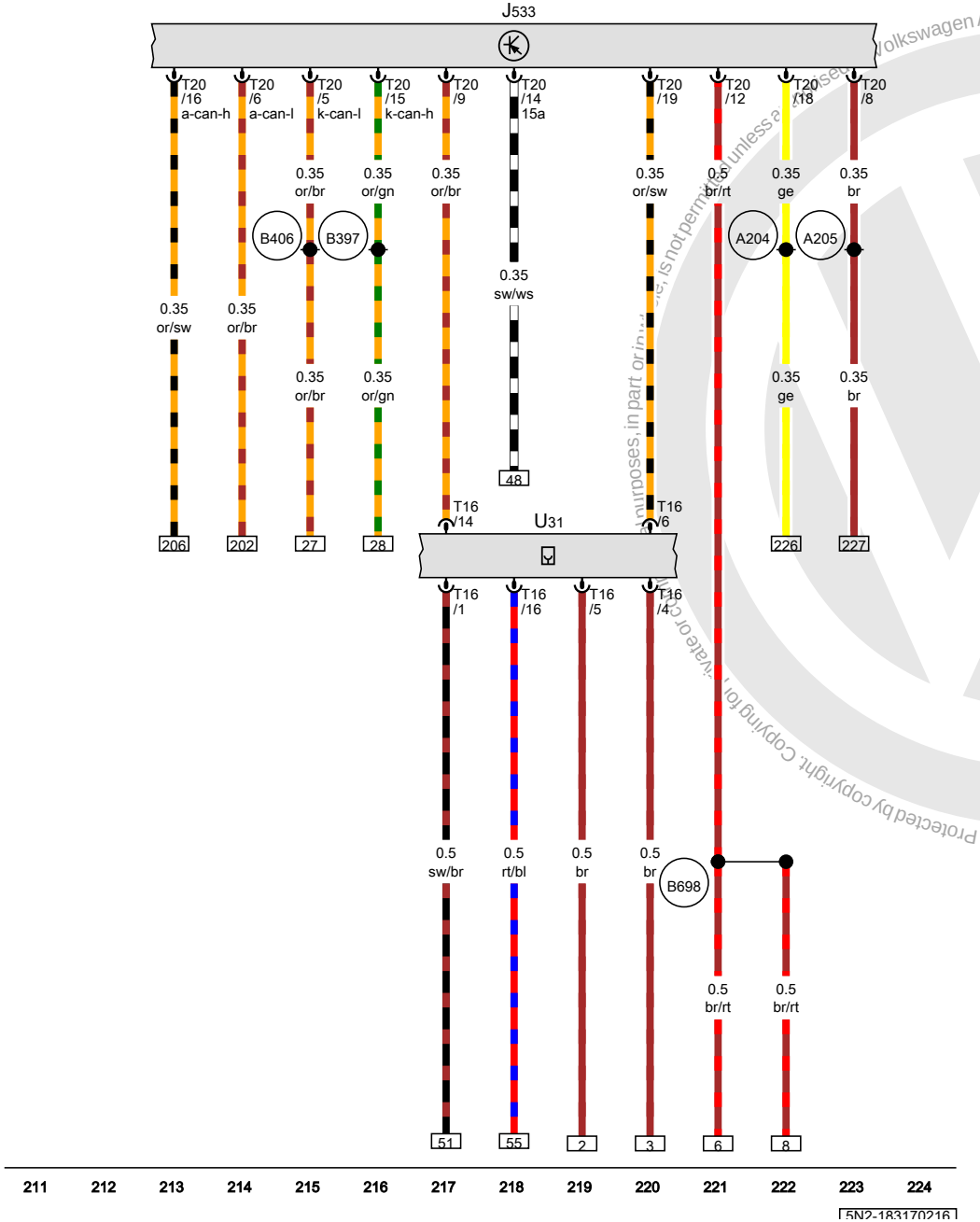
A204 Connection (dash panel insert CAN bus, high), in dash panel wiring harness

A205 Connection (dash panel insert CAN bus, low), in dash panel wiring harness

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

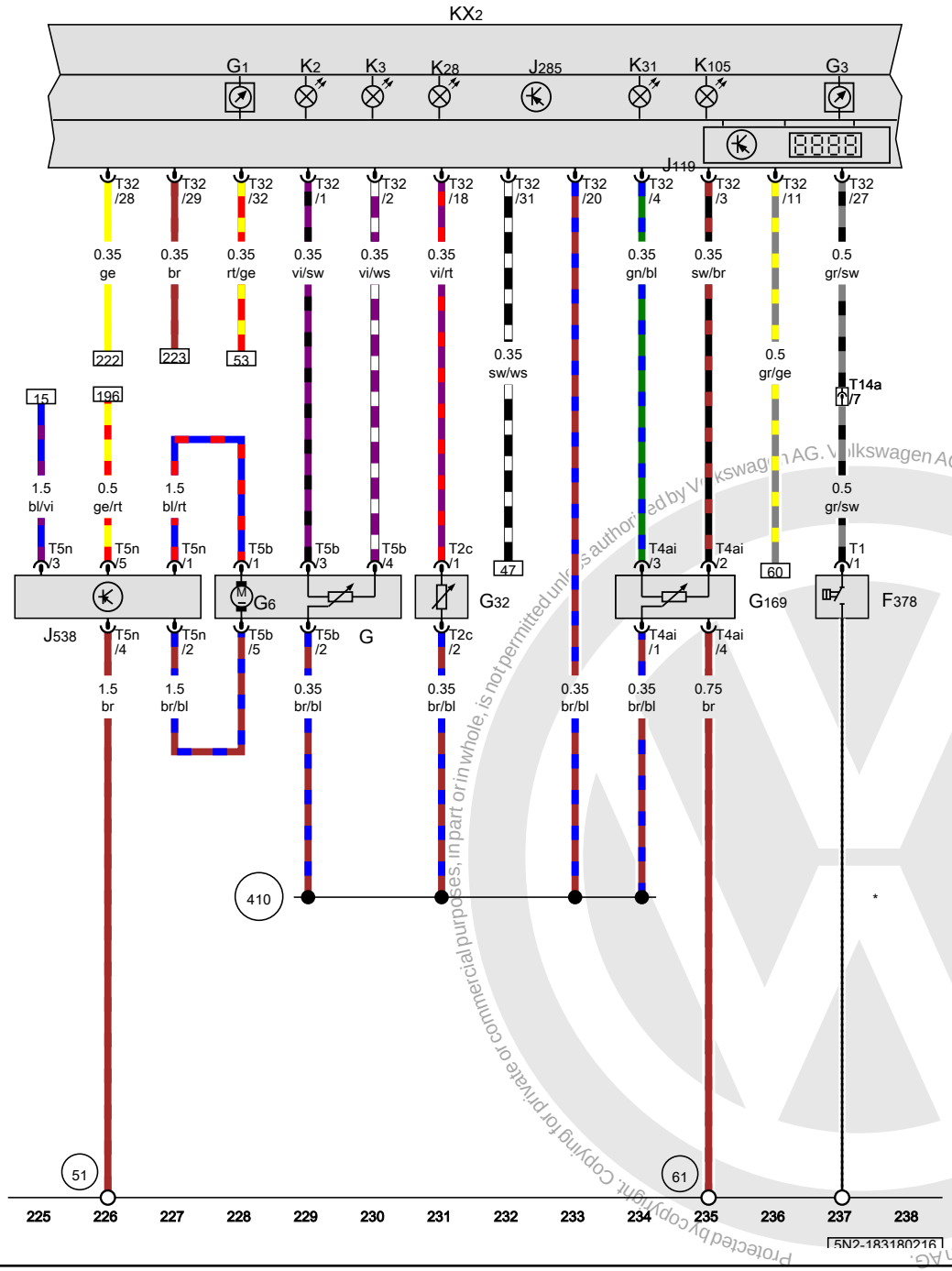
B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B698 Connection 3 (LIN bus) in main wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Oil pressure switch for reduced oil pressure, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Fuel gauge sender 2, Dash panel insert

F378	Oil pressure switch for reduced oil pressure
G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J119	Multifunction indicator
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K2	Alternator warning lamp
KX2	Dash panel insert
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K105	Reserve fuel warning lamp
T1	Single connector, black
T2c	2-pin connector, black
T4ai	4-pin connector, black
T5b	5-pin connector, black
T5n	5-pin connector, black
T14a	14-pin connector, grey
T32	32-pin connector, blue
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
410	Earth connection 1 (sender earth) in main wiring harness
*	Earth supply via housing

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1 Earth points

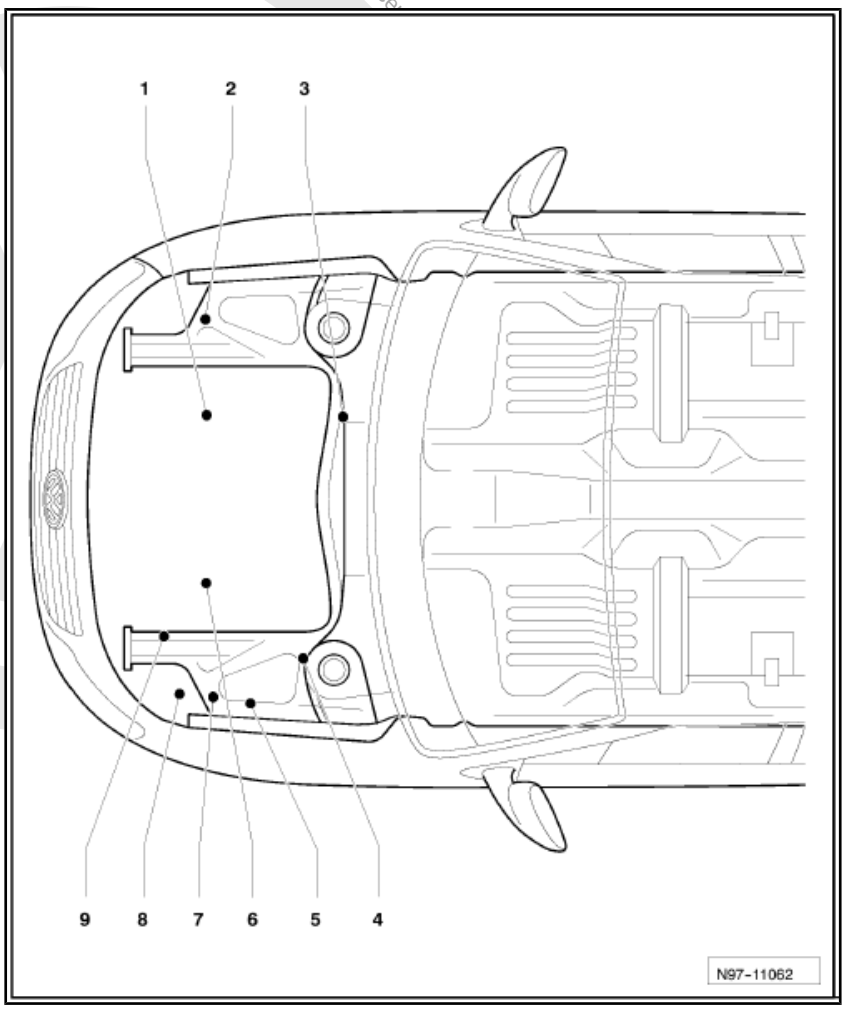
1.1 Overview of earth points

- Overview of earth points in engine compartment ⇒ page 2
- Overview of earth points in passenger compartment ⇒ page 5
- Overview of earth points in luggage compartment ⇒ page 8

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1.2 Overview of earth points in engine compartment

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1 - 15 - Earth point on cylinder head
- ❑ Torque: 6 Nm
- ❑ Fitting location ⇒ page 4

2 - 13 Earth point on right in engine compartment
- ❑ Torque: 9 Nm
- ❑ Fitting location ⇒ page 4

3 - 10 Earth point in plenum chamber
- ❑ Torque: 9 Nm
- ❑ Fitting location ⇒ page 4

4 - 1 Earth strap, battery - body
- ❑ Torque: 20 Nm
- ❑ Fitting location ⇒ page 3

5 - 29 Earth point near battery
- ❑ Torque: 9 Nm
- ❑ Fitting location ⇒ page 3

6 - 18 Earth point on engine block
- ❑ Torque: 20 Nm
- ❑ Fitting location ⇒ page 3

7 - 640 Earth point 2, on left in engine compartment
- ❑ Torque: 9 Nm
- ❑ Fitting location ⇒ page 3

8 - 12 Earth point on left in engine compartment
- ❑ Torque: 9 Nm
- ❑ Fitting location ⇒ page 3

9 - 671 Earth point 1 on front of left longitudinal member
- ❑ Torque: 20 Nm
- ❑ Fitting location ⇒ page 3

1 - Earth strap, battery - body

12 - Earth point on left in engine compartment

29 - Earth point near battery

640 - Earth point 2 on left in engine compartment

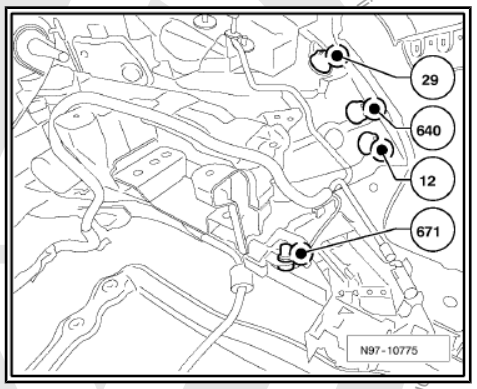


12 - Earth point on left in engine compartment

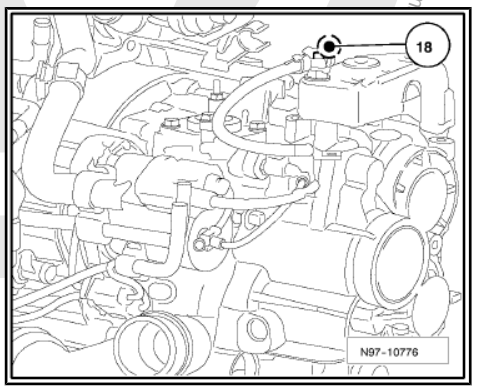
29 - Earth point near battery

640 - Earth point 2 on left in engine compartment

671 - Earth point 1 on front of left longitudinal member

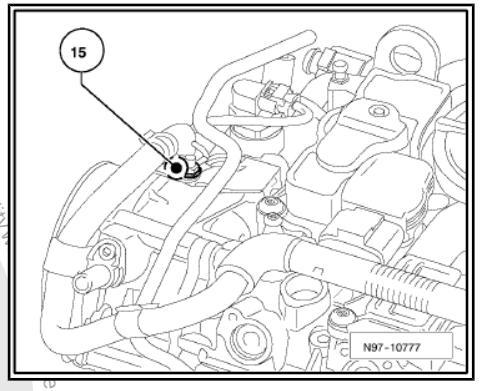


18 - Earth point on cylinder block

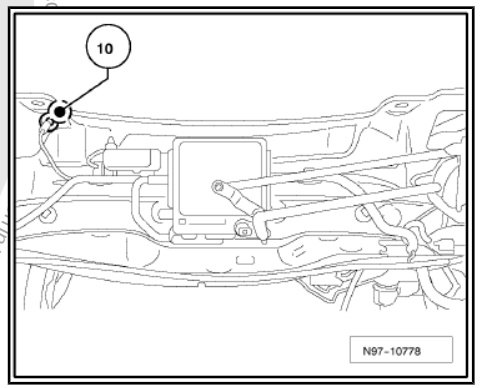


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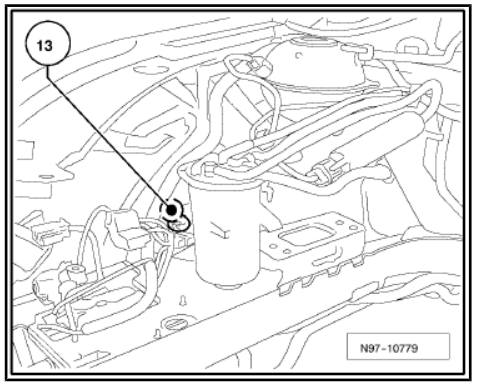
15 - Earth point on cylinder head



10 - Earth point, in plenum chamber



13 - Earth point in engine compartment



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1.3 Overview of earth points in passenger compartment

1 - 43 Earth point, lower part of right A-pillar
- ❑ Torque: 9 Nm
- ❑ Fitting location ⇒ page 6

2 - 687 Earth point 1 on centre tunnel
- ❑ Torque: 9 Nm
- ❑ Fitting location ⇒ page 6

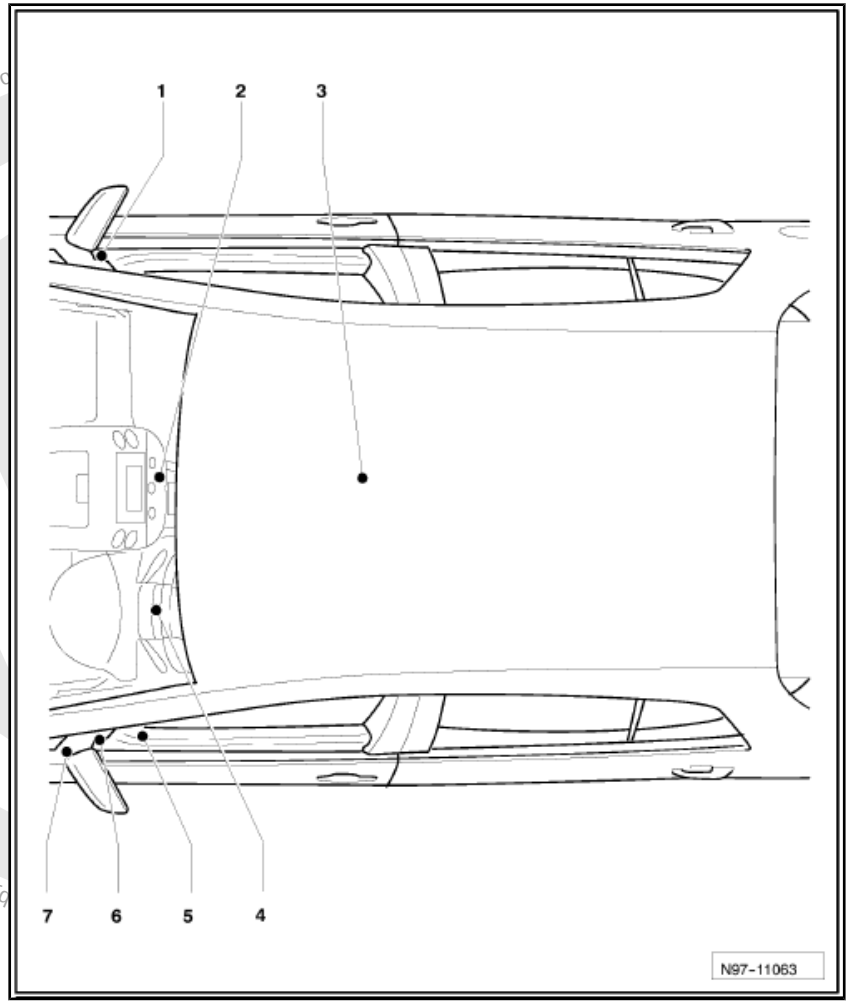
3 - 688Earth point 2 on centre tunnel
- ❑ Torque: 9 Nm
- ❑ Fitting location ⇒ page 7

4 - 605 Earth point on top end of steering column
- ❑ Torque: 4 Nm
- ❑ Fitting location ⇒ page 7

5 - 684 Earth point on front of left side member
- ❑ Torque: 9 Nm
- ❑ Fitting location ⇒ page 6

6 - 602 Earth point in front left footwell
- ❑ Torque: 9 Nm
- ❑ Fitting location ⇒ page 6

7 - 44 Earth point on lower part of left A-pillar
- ❑ Torque: 9 Nm
- ❑ Fitting location ⇒ page 6



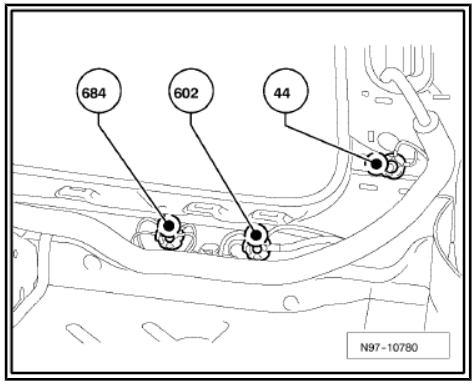
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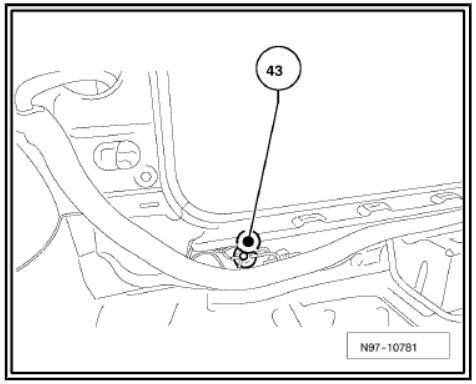
44 - Earth point, lower part of left A-pillar

602 - Earth point in front left footwell

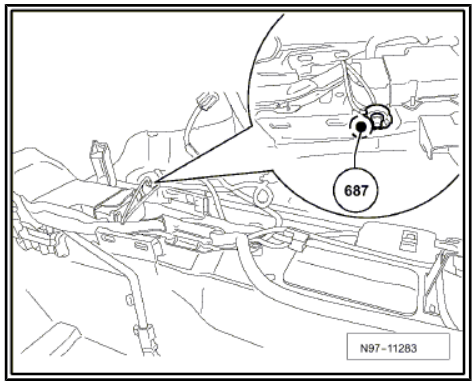
684 - Earth point on front of left side member



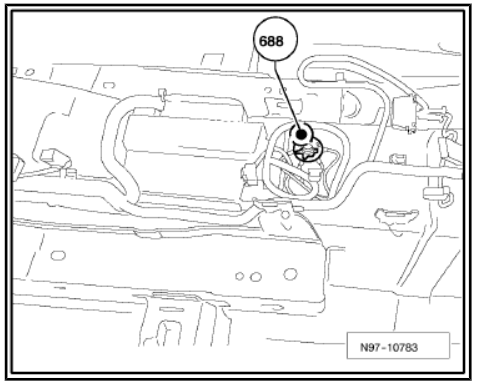
43 - Earth point, lower part of right A-pillar



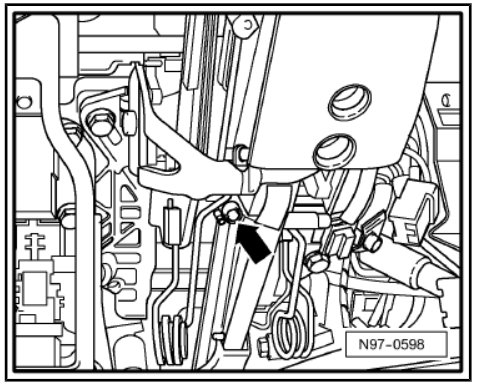
687 - Earth point 1, on centre tunnel



688 - Earth point 2, on centre tunnel



605 - Earth point on top of steering column -arrow-



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1.4 Overview of earth points in luggage compartment

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1 - 690 Earth point, rear centre roof frame

- ❑ Torque: 1.5 Nm
- ❑ Fitting location ⇒ page 10

2 - 51 Earth point on right in luggage compartment

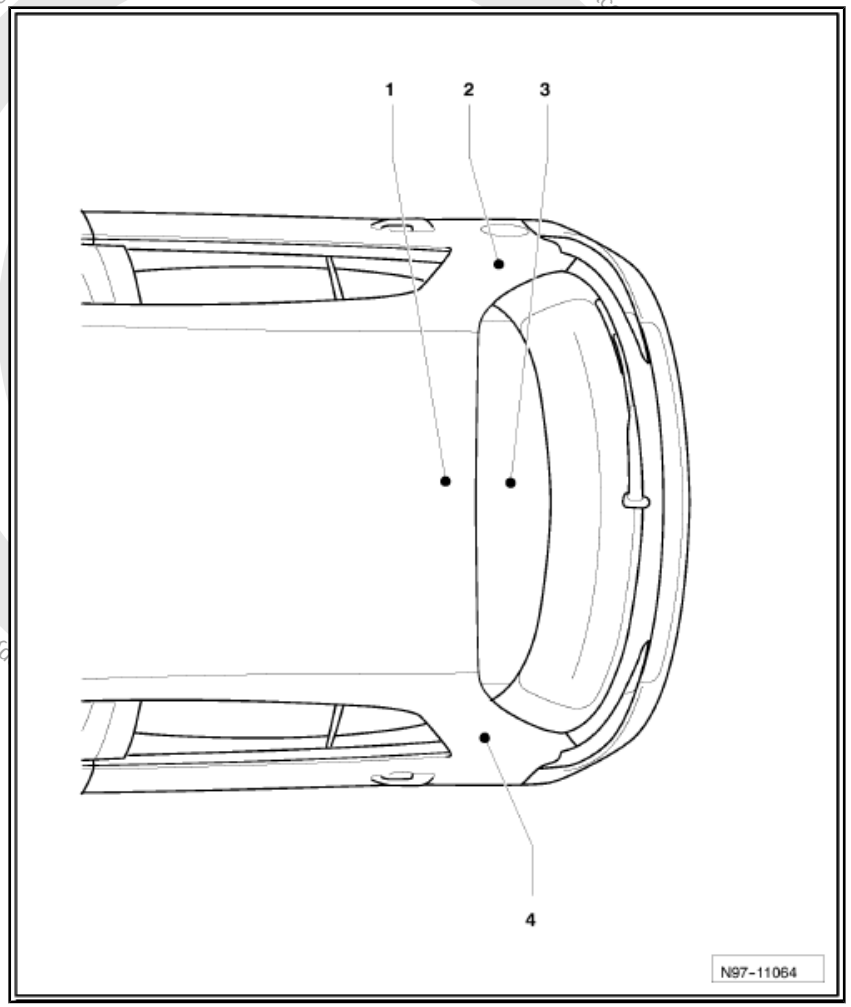
- ❑ Torque: 9 Nm
- ❑ Fitting location ⇒ page 9

3 - 53 Earth point on right in rear lid

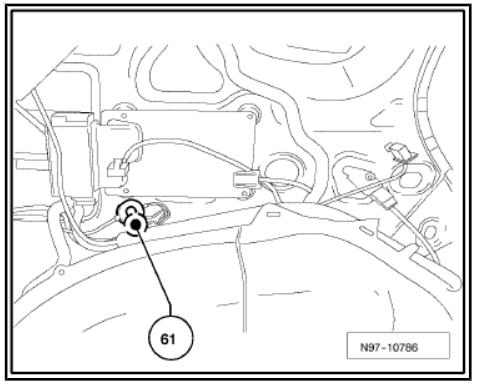
- ❑ Torque: 2 Nm
- ❑ Fitting location ⇒ page 9

4 - 61 Earth point on left C-pillar

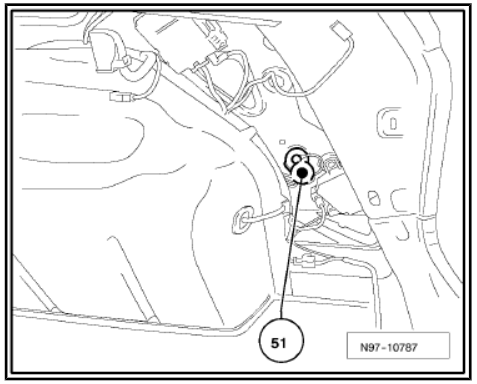
- ❑ Torque: 9 Nm
- ❑ Fitting location ⇒ page 9



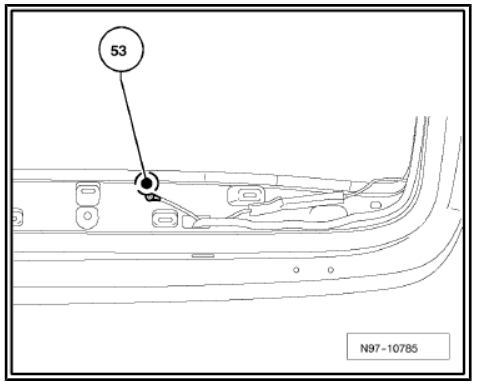
61 - Earth point on left C-pillar



51 - Earth point, on right in luggage compartment

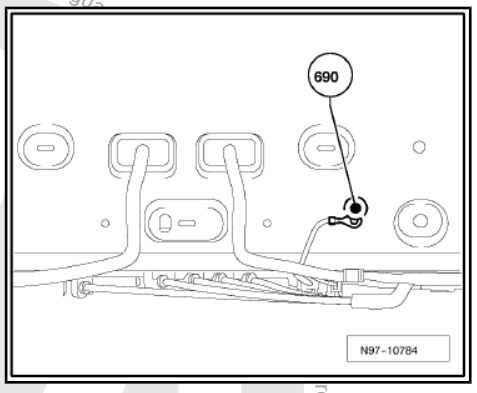


53 - Earth point on right in rear lid



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690 - Earth point middle of rear roof frame



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1 Fuses

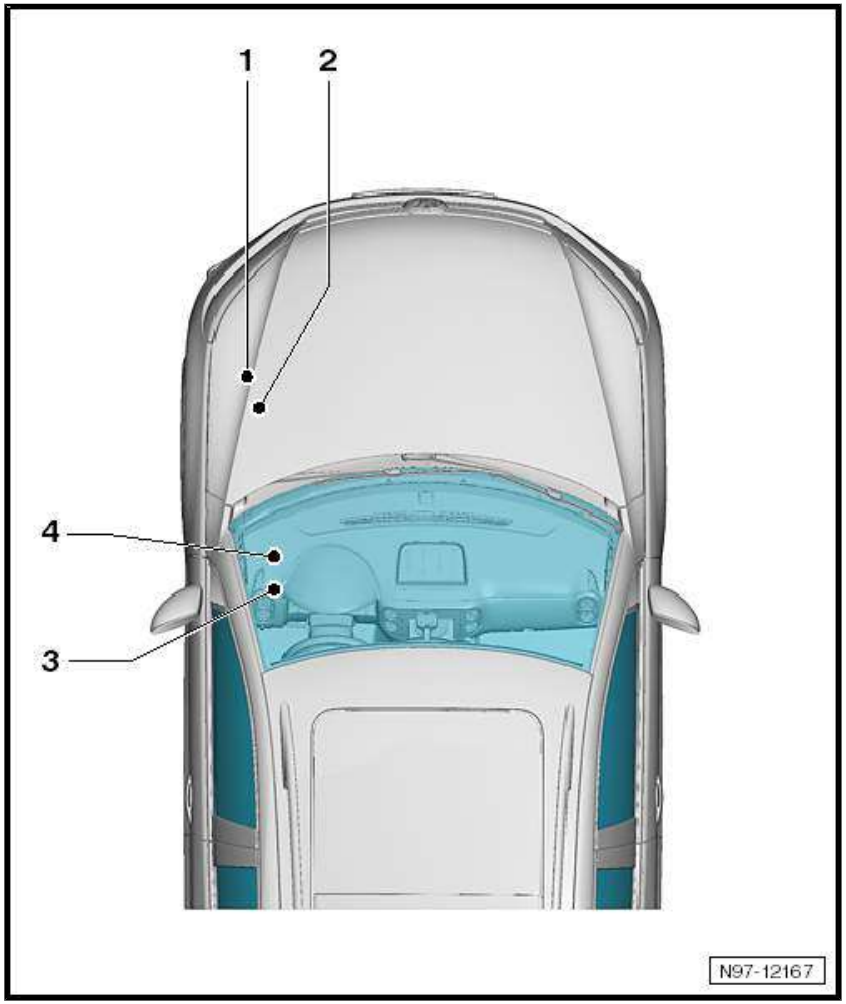
1.1 Overview of fuses

1 - Fuses (SA) on fuse holder A

- ❑ Fitting location of E-box low from November 2007 ⇒ page 3
- ❑ Fuse assignment for E-box low from November 2007 ⇒ page 4
- ❑ Fitting location of E-box low from November 2008 ⇒ page 4
- ❑ Fuse assignment for E-box low from November 2008 ⇒ page 5
- ❑ Fuse assignment for E-box low from May 2009 ⇒ page 6
- ❑ Fitting location of E-box low from May 2011 ⇒ page 7
- ❑ Fuse assignment for E-box low, from May 2011 ⇒ page 8
- ❑ Fuse assignment for E-box low, from November 2011 ⇒ page 9
- ❑ Fuse assignment for E-box low, from May 2015 ⇒ page 10

2 - Fuses (SB) on fuse holder B

- ❑ Fitting location of E-box low from November 2007 ⇒ page 11
- ❑ Fuse assignment for E-box low from November 2007 ⇒ page 12
- ❑ Fuse assignment for E-box low, from May 2009 ⇒ page 16
- ❑ Fitting location of E-box low from May 2011 ⇒ page 18
- ❑ Fuse assignment for E-box low, from May 2011 ⇒ page 19
- ❑ Fuse assignment for E-box low from May 2012 ⇒ page 22
- ❑ Fuse assignment for E-box low from May 2013 ⇒ page 25
- ❑ Fuse assignment for E-box low from May 2014 ⇒ page 28



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3 - Fuses (SC) on fuse holder C , in driver's footwell

- Fittings locations from November 2007 ⇒ page 31
- Fuse assignment, from November 2007 ⇒ page 32
- Fitting locations from May 2009 ⇒ page 36
- Fuse assignment, from May 2009 ⇒ page 37
- Fuse assignment from May 2011 ⇒ page 41
- Fuse assignment, from November 2011 ⇒ page 45
- Fuse assignment, from May 2012 ⇒ page 49
- Fuse assignment, from May 2013 ⇒ page 54
- Fuse assignment, from November 2014 ⇒ page 58

4 - Thermal fuse, in driver's footwell

- Thermal fuse 1 for driver seat adjustment -S44-, from November 2007 ⇒ page 62
- Thermal fuse 1 for driver seat adjustment -S44-, from May 2009 ⇒ page 64
- Thermal fuse 1 for front passenger seat adjustment S46, from May 2012 ⇒ page 64

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1.2 Fitting location of fuses (SA) on E-box low, from November 2007

1.2.1 Specified torque settings

1 - Fuse holder A -SA-

⇒ Electrical system, Repair Group 97; Removing and installing fuse holders

Fuse colours

200 A - purple

150 A - grey

125 A - pink

100 A - blue

80 A - white

70 A - brown

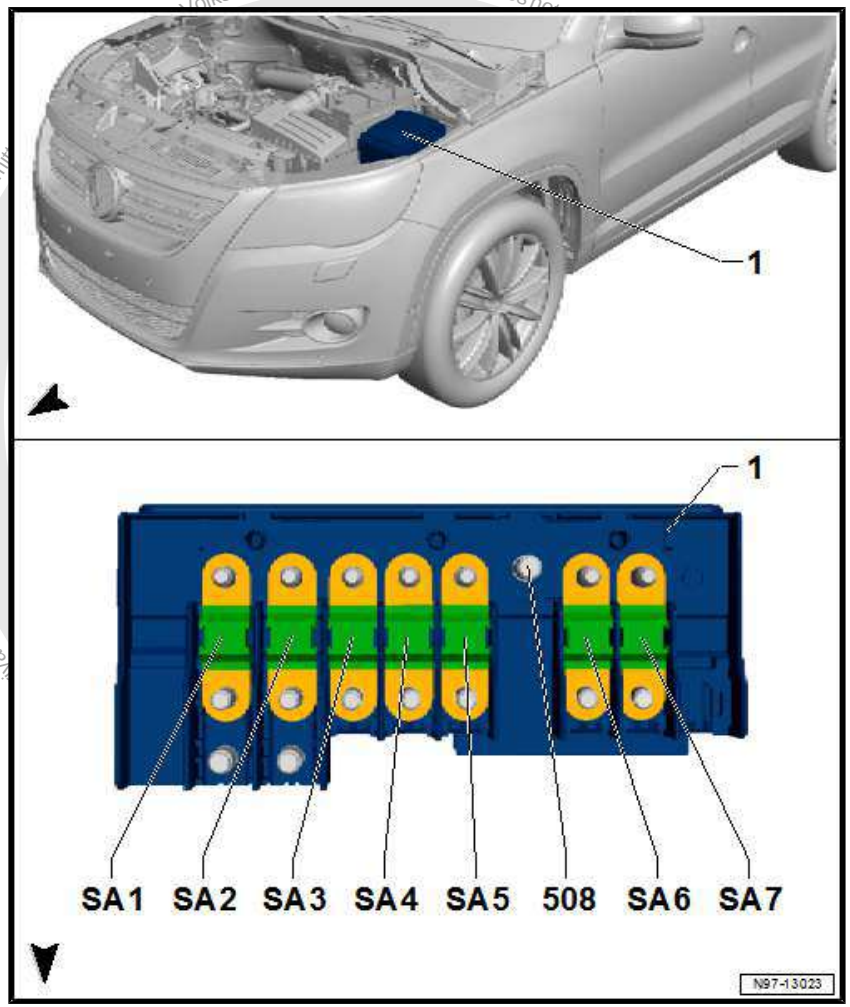
60 A - yellow

50 A - red

40 A - green

30 A - orange

Back to overview ⇒ page 1



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1.3 Fuse assignment (SA) on E-box low, from November 2007

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	SA1-Fuse 1 on fuse holder A	150A 200A Metal strip	- - -	C-Alternator (90A/120A) C-Alternator (140A) C-Generator (180A), 200A fuse integrated in wiring harness	30a
2	-	SA2-Fuse 2 on fuse holder A	80A	-	J500-Power steering control unit V187-Electromechanical power steering motor	30a
3	-	SA3-Fuse 3 on fuse holder A	80A 50A[1)]	-	J293-Radiator fan control unit V7-Radiator fan V177-Radiator fan 2	30a
4	-	SA4-Fuse 4 on fuse holder A	40A 80A[1)]	-	J359-Low heat output relay J360-High heat output relay[1)] Z35-Auxiliary air heater element	30a
5	-	SA5-Fuse 5 on fuse holder A	80A 100A	- -	SC20-SC20·-SC24,·SC42-SC52, fuses on fuse holder C in driver's footwell SC20-optional equipment, SC20-SC24, SC42-SC56, fuses on fuse holder C in driver's footwell	30a
6	-	508-Threaded connection (30), on E-box	-	-	Supply terminal 30	30
7	-	SA6-Fuse 6 on fuse holder A	40A[1)] 80A	-	J359-Low heat output relay[1)] J360-High heat output relay Z35-Auxiliary air heater element	30a
8	-	SA7-Fuse 7 on fuse holder A	50A	-	J345-Trailer detector control unit/preparation for tow coupling	30a

[1)] Depends on equipment

Back to overview ⇒ page 1

1.4 Fitting location of fuses (SA) on E-box low, from November 2008

1.4.1 Specified torque settings

⇒ Electrical system, Repair Group 97; Removing and installing fuse holders

Fuse colours

200 A - purple

150 A - grey

125 A - pink

100 A - blue

80 A - white

70 A - brown

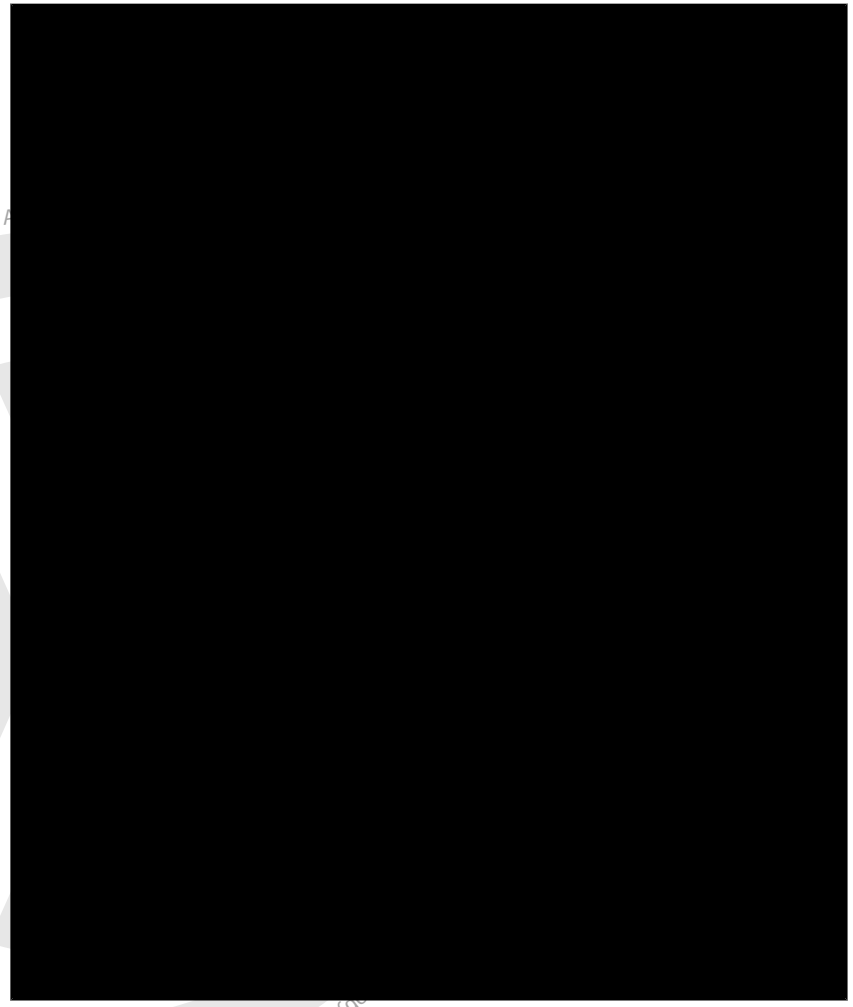
60 A - yellow

50 A - red

40 A - green

30 A - orange

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1.5 Fuse assignment (SA) on E-box low, from November 2008

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	SA1-Fuse 1 on fuse holder A	150A 200A	- - -	C-Alternator (90A/120A) C-Alternator (140A) C-Generator (180A), 200A fuse integrated in wiring harness	30a
2	-	SA2-Fuse 2 on fuse holder A	80A	-	J500-Power steering control unit V187-Electromechanical power steering motor	30a

3	-	SA3-Fuse 3 on fuse holder A	80A 50A[1)]	-	J293-Radiator fan control unit V7-Radiator fan V177-Radiator fan 2	30a
4	-	SA4-Fuse 4 on fuse holder A	80A	-	J293-Radiator fan control unit[2)] J360-High heat output relay[1)] Z35-Auxiliary air heater element	30a
5	-	SA5-Fuse 5 on fuse holder A	80A 100A	- -	SC20-SC20·-SC24,·SC42-SC52, fuses on fuse holder C in driver's footwell SC20-optional equipment, SC20-SC24, SC42-SC56, fuses on fuse holder C in driver's footwell	30a
6	-	SA6-Fuse 6 on fuse holder A	40A	-	J359-Low heat output relay[1)] Z35-Auxiliary air heater element	30a
7	-	TV2-Terminal 30 wiring junction	-	-	508-Threaded connection (30), on E-box	30
8	-	SA7-Fuse 7 on fuse holder A	50A	-	J345-Trailer detector control unit/preparation for tow coupling	30a

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1.6 Fuse assignment (SA) on E-box low, from May 2009

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
-SA1-	B	Fuse 1 on fuse holder A	150A 200A[1)]	-	Alternator -C-	30a
-SA2-	C	Fuse 2 on fuse holder A	80A	-	Power steering control unit -J500- Electromechanical power steering motor -V187-	30a
-SA3-	E	Fuse 3 on fuse holder A	80A 50A[1)]	-	Radiator fan control unit -J293- Radiator fan -V7- Radiator fan 2 -V177-	30a
-SA4-	H	Fuse 4 on fuse holder A	80A	-	Radiator fan control unit -J293- [2)] High heat output relay -J360- [1)] Auxiliary air heater element -Z35-	30a
-SA5-	D	Fuse 5 on fuse holder A	80A	-	SC20 - SC24, SC43 - SC53, fuses on fuse holder C	30a
-SA6-	F	Fuse 6 on fuse holder A	40A	-	Low heat output relay -J359- [1)] Auxiliary air heater element -Z35-	30a
-TV2-	-	Terminal 30 wiring junction	-	-	(508) Threaded connection (30), on E-box	30
-SA7-	-	Fuse 7 on fuse holder A	50A	-	Trailer detector control unit -J345-	30a

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Note

1) Depends on equipment

2) Only models with a 1.4l petrol engine

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1.7 Fitting location of fuses (SA) on E-box low, from May 2011

1.7.1 Specified torque settings

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1 - Fuse holder A -SA-

⇒ Electrical system, Repair Group 97; Removing and installing fuse holders

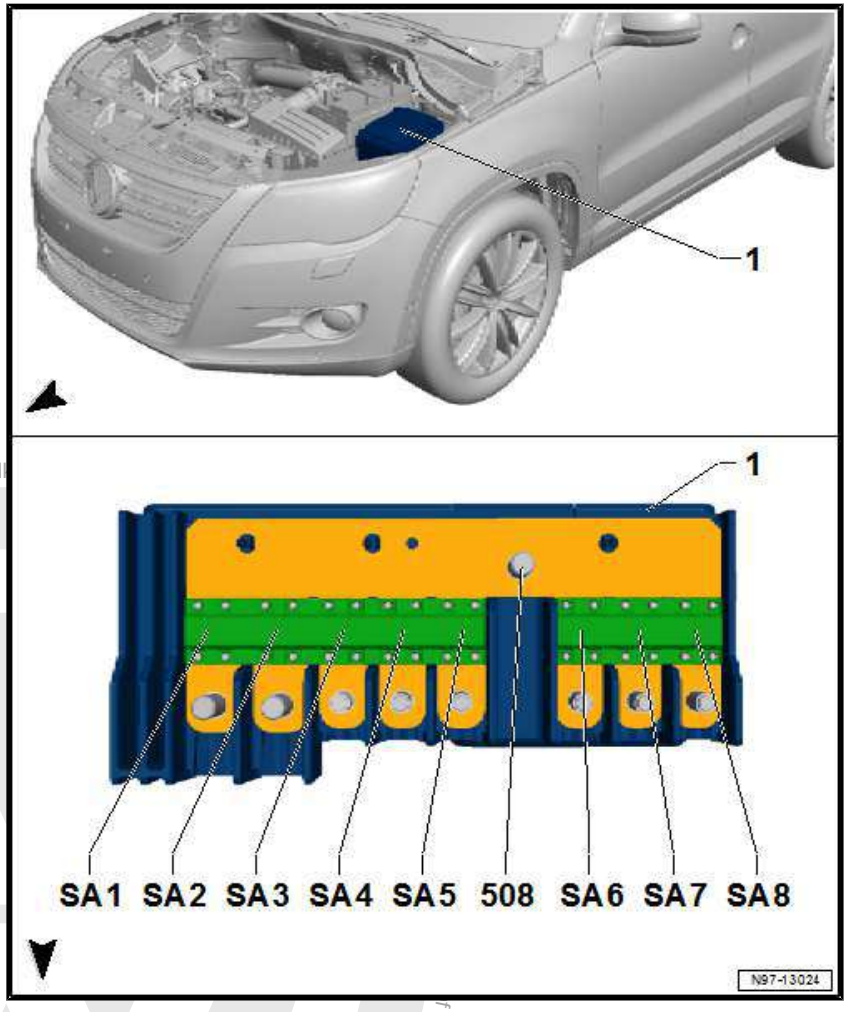
Fuse colours

Multifuse strip fuse

Note

The fuse strip (multifuse) must be replaced as a complete unit.

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1.8 Fuse assignment (SA) on E-box low, from May 2011

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
SA1	B	Fuse 1 on fuse holder A -SA1-	200A		Alternator -C-	30a
SA2	C	Fuse 2 on fuse holder A -SA2-	80A		Power steering control unit -J500-	30a
SA3	G	Fuse 3 on fuse holder A -SA3-	50A		Fuse 40 on fuse holder C -SC40- ◆ Trailer detector control unit -J345-	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
SA4	E	Fuse 4 on fuse holder A -SA4-	60A		Radiator fan control unit -J293- 2)	30a
SA5	D	Fuse 5 on fuse holder A -SA5-	80A		Fuse holder C -SC- ◆ SC20 - SC24 ◆ SC43 - SC53	30a
508		(508) Threaded connection (30), on E-box	-		Terminal 30 wiring junction -TV2-	30a
SA6	H	Fuse 6 on fuse holder A -SA6-	70A		Radiator fan control unit -J293- 1) High heat output relay -J360- 3)	30a 30a
SA7	-	Not assigned	-			-
SA8	F	Fuse 8 on fuse holder A -SA8-	40A		Low heat output relay -J359- 3)	30a

Note

1) Only models with a 1.4 l petrol engine

2) Only models with a 2.0 l engine

3) Depends on equipment

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1.9 Fuse assignment (SA) on E-box low, from November 2011

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
SA1	B	Fuse 1 on fuse holder A -SA1-	200A		Alternator -C-	30a
SA2	C	Fuse 2 on fuse holder A -SA2-	80A		Power steering control unit -J500-	30a
SA3	G	Fuse 3 on fuse holder A -SA3-	50A		Fuse 40 on fuse holder C -SC40- ◆ Trailer detector control unit -J345-	30a
SA4	E	Fuse 4 on fuse holder A -SA4-	50A		Radiator fan control unit -J293- 2)	30a

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No.		Current flow diagram designation	Nominal value	Function/component	Terminal
SA5	D	Fuse 5 on fuse holder A -SA5-	80A	Fuse holder C -SC- ◆ SC20 - SC24 ◆ SC43 - SC53	30a
508		508 Threaded connection (30), on E-box	-	Terminal 30 wiring junction -TV2-	30a
SA6	H	Fuse 6 on fuse holder A -SA6-	70A	Radiator fan control unit -J293- 1) High heat output relay -J360- 3)	30a 30a
SA7	-	Not assigned	-		-
SA8	F	Fuse 8 on fuse holder A -SA8-	40A	Low heat output relay -J359- 3)	30a

Note

1) Only models with a 1.4 l petrol engine

2) Only models with a 2.0 l engine

3) Depends on equipment

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1.10 Fuse assignment (SA) on E-box low, from May 2015

No.		Current flow diagram designation	Nominal value	Function/component	Terminal
SA1	B	Fuse 1 on fuse holder A -SA1-	200A	Alternator -C-	30a
SA2	C	Fuse 2 on fuse holder A -SA2-	80A	Power steering control unit -J500-	30a
SA3	G	Fuse 3 on fuse holder A -SA3-	50A	Radiator fan control unit -J293-	30a
SA4	E	Fuse 4 on fuse holder A -SA4-	50A	Fuse 40 on fuse holder C -SC40- ◆ Trailer detector control unit -J345-	30a
SA5	D	Fuse 5 on fuse holder A -SA5-	80A	Fuse holder C -SC- ◆ SC20 - SC24 ◆ SC43 - SC53	30a
508		508 Threaded connection (30), on E-box	-	Terminal 30 wiring junction -TV2-	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
SA6	H	Fuse 6 on fuse holder A -SA6-	70A		Radiator fan control unit -J293- 1) High heat output relay -J360- 2)	30a 30a
SA7	-	Not assigned	-			-
SA8	F	Fuse 8 on fuse holder A -SA8-	40A		Low heat output relay -J359- 2)	30a

Note

1) Only models with a 1.4 l petrol engine

2) Depends on equipment

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1.11 Fuses (SB) on E-box on left in engine compartment, from November 2007

1.11.1 Fuse colours

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50 A - red

40 A - orange

30 A - light green

25 A - natural (white)

20 A - yellow

15 A - light blue

10 A - red

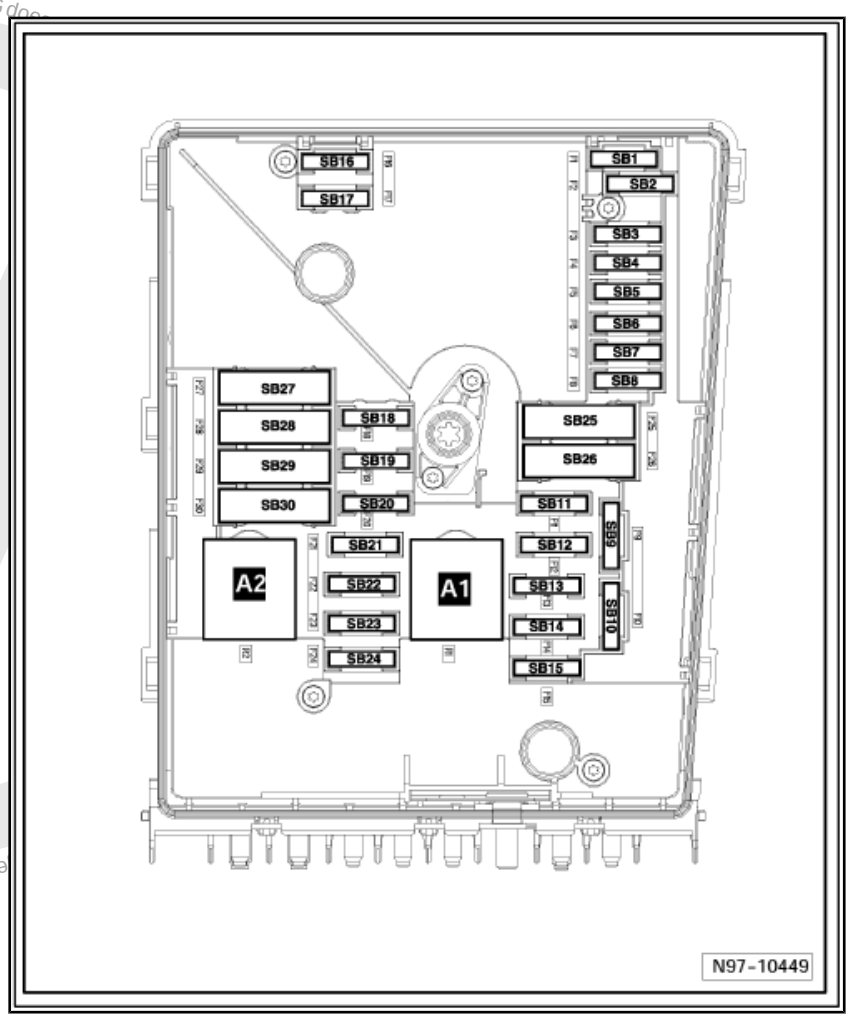
7.5 A - brown

5 A - light brown

3 A - purple

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1.12 Fuse assignment (SB) on E-box low, from November 2007

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F1	-	SB1-Fuse 1 on fuse holder B	-	-	-Vacant	-
F2	-	SB2-Fuse 2 on fuse holder B[1)]	5A	-	J527-Steering column electronics control unit	30a
F3	-	SB3-Fuse 3 on fuse holder B	5A	-	J519-Onboard supply control unit	30a

F4	-	SB4-Fuse 4 on fuse holder B	30A	-	J104-ABS control unit N55-ABS hydraulic unit	30a
F5	-	SB5-Fuse 5 on fuse holder B	-	-	-Vacant	-
F6	-	SB6-Fuse 6 on fuse holder B	5A	-	J285-Control unit in dash panel insert	30a
F7	-	SB7-Fuse 7 on fuse holder B	30A[1)] 40A[2)]	-	J519-Onboard supply control unit[1)] J681-Terminal 15 voltage supply relay 2[2)]	30a
F8	-	SB8-Fuse 8 on fuse holder B	25A	-	J503-Control unit with display for radio and navigation system R-Radio R78-TV tuner R190-Satellite digital radio tuner R215-Interface for external multimedia unit	30a
F9	-	SB9-Fuse 9 on fuse holder B	5A	-	J412-Mobile telephone operating electronics control unit R36-Telephone transmitter and receiver unit	30a
F10	-	SB10-Fuse 10 on fuse holder B	5A[3)] 10A[3)]	- -	J271-Motronic current supply relay J317-Terminal 30 voltage supply relay J623-Engine control unit	30a

[1)] up to May 2008

[2)] From May 2008

[3)] Depends on equipment

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F11	-	SB11-Fuse 11 on fuse holder B	20A	-	J364-Auxiliary heater control unit	30a
F12	-	SB12-Fuse 12 on fuse holder B	5A	-	J533-Data bus diagnostic interface	30a
F13	-	SB13-Fuse 13 on fuse holder B	15A 30A[1)]	-	J623-Engine control unit	87a
F14	-	SB14-Fuse 14 on fuse holder B	20A	-	N276-Fuel pressure regulating valve (CBAA, CBAB, CBBA, BXDB, CBBB) N290-Fuel Metering Valve (CBAA, CBAB, CBBA, BXDB, CBBB) N70-Ignition coil 1 with output stage N127-Ignition coil 2 with output stage N291-Ignition coil 3 with output stage N292-Ignition coil 4 with output stage	87a

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F15	-	SB15 - Fuse 15 on fuse holder B	10A[2)] 15A[2)] 5A[1)]	-	N421-Magnetic clutch for supercharger (BWK, CAVA) - Z19-Lambda probe heater (BWK, CAVA, CAWA, CAWB, CCTA) Z29-Lambda probe 1 heater after catalytic converter (BWK, CAVA, CAWA, CAWB, CCTA) V144-Fuel system diagnostic pump (CCTA J17-Fuel pump relay (CBAA, CBAB, CBBA, BXDB, CBBB) J179-Automatic glow period control unit (CBAA, CBAB, CBBA, BXDB, CBBB) J832-Auxiliary fuel pump relay (CBAA, CBAB, CBBA, BXDB, CBBB)	87a
F16	-	SB16-Fuse 16 on fuse holder B	30A	-	J519-Onboard supply control unit	30a

[1)] Only models with a diesel engine

[2)] Depends on equipment

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F17	-	SB17-Fuse 17 on fuse holder B	15A	-	H2-Treble horn H7-Bass horn J519-Onboard supply control unit	30a
F18	-	SB18-Fuse 18 on fuse holder B	30A	-	J608-Special vehicle control unit R12-Amplifier R184-Digital sound package amplifier	30a
F19	-	SB19-Fuse 19 on fuse holder B	30A	-	J400-Wiper motor control unit V-Windscreen wiper motor	30a
F20	-	SB20-Fuse 20 on fuse holder B	10A	-	N276-Fuel pressure regulating valve (CAWA, CAWB, CCTA)	87a
F21	-	SB21-Fuse 21 on fuse holder B	10A[1)] 25A 20A[2)]	-	Z19- Lambda probe heater (CBAA, CBAB, CBBA, BXDB) - J538-Fuel pump control unit (BWK, CAVA, CAWA, CAWB, CCTA)	87a
F22	-	SB22-Fuse 22 on fuse holder B	5A	-	G476-Clutch position sender	87a
F23	-	SB23-Fuse 23 on fuse holder B	10A	-	N75-Charge pressure control solenoid valve (CBAA, CBAB, CBBA,BXDB, CBBB) N345-Exhaust gas recirculation cooler changeover valve (CBAA, CBAB, CBBA, BXDB, CBBB) N276-Fuel pressure regulating valve (BWK, CAVA)	87a

[1)] Only models with a diesel engine

[2)] from November 2008

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F24	-	SB24-Fuse 24 on fuse holder B	10A	-	J293-Radiator fan control unit J359-Low heat output relay (CBAA, CBAB, CBBA, BXDB, CBBB) J360-High heat output relay (CBAA, CBAB, CBBA, BXDB, CBBB) J421-Magnetic clutch for supercharger (BWK) J496-Additional coolant pump relay (BWK, CAVA, CAWA, CAWB, CCTA) J670-Motronic current supply relay 2 (CAWA, CAWB, CCTA) N75-Charge pressure control solenoid valve (BWK, CAVA, CAWA, CAWB, CCTA) N80-Activated charcoal filter solenoid valve 1 (BWK, CAVA, CAWA, CAWB, CCTA) N205-Camshaft adjustment valve 1 (BWK, CAVA, CAWA, CAWB, CCTA) N249-Turbocharger air recirculation valve (BWK, CAVA, CAWA, CAWB, CCTA) N316-Intake manifold flap valve (CAWA, CAWB, CCTA) V178-Coolant circulation pump 2 (CBAA, CBAB, CBBA, BXDB, CBBB) V50-Coolant circulation pump (BWK, CAVA, CAWA, CAWB, CCTA)	87a
F25	-	SB25-Fuse 25 on fuse holder B	40A	-	J104-ABS control unit N55-ABS hydraulic unit	30a
F26	-	SB26-Fuse 26 on fuse holder B	40A[1] 30A[2]	-	J681-Terminal 15 voltage supply relay 2[1] J519-Onboard supply control unit[2]	30a

[1] up to May 2008

[2] From May 2008

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F27	-	SB27-Fuse 27 on fuse holder B	-	-	-Vacant	-
F28	-	SB28-Fuse 28 on fuse holder B	50A	-	J179-Automatic glow period control unit	30a
F29	-	SB29-Fuse 29 on fuse holder B	50A	-	S44-Driver seat adjustment thermal fuse 1 SC36-Fuse 36 on fuse holder C[1] SC37-Fuse 37 on fuse holder C[1] SC38-Fuse 38 on fuse holder C[1] SC57-Fuse 57 on fuse holder C[1]	30a
F30	-	SB30-Fuse 30 on fuse holder B	50A	-	J59-X-contact relief relay, SC28-SC33	30a

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1) from November 2008

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1.13 Fuse assignment (SB) on E-box low, from May 2009

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F1	-	Fuse 1 on fuse holder B -SB1-	-	-	-Vacant	-
F2	-	Fuse 2 on fuse holder B -SB2-	-	-	-Vacant	-
F3	-	Fuse 3 on fuse holder B -SB3-	5A	-	Onboard supply control unit -J519- (T52a/24)	30a
F4	-	Fuse 4 on fuse holder B -SB4-	30A	-	ABS control unit -J104- ABS hydraulic unit -N55-	30a
F5	-	Fuse 5 on fuse holder B -SB5-	-	-	-Vacant	-
F6	-	Fuse 6 on fuse holder B -SB6-	5A	-	Control unit in dash panel insert -J285- Steering column electronics control unit -J527-	30a
F7	-	Fuse 7 on fuse holder B -SB7-	40A	-	Terminal 15 voltage supply relay 2 -J681-	30a
F8	-	Fuse 8 on fuse holder B -SB8-	25A	-	Control unit with display for radio and navigation -J503- Radio -R- TV tuner -R78- 1) Satellite digital radio tuner -R190- Multimedia system control unit -J650-	30a
F8	-	Fuse 8 on fuse holder B -SB8- 5)	25A	-	Voltage stabiliser -J532- 5)	30a
F9	-	Fuse 9 on fuse holder B -SB9-	5A	-	Mobile telephone operating electronics control unit -J412-	30a
F10	-	Fuse 10 on fuse holder B -SB10-	5A1) 10A1)	- -	Terminal 30 voltage supply relay -J317- Engine control unit -J623-	30a
F11	-	Fuse 11 on fuse holder B -SB11-	20A 30A6)	-	Auxiliary heater control unit -J364-	30a
F12	-	Fuse 12 on fuse holder B -SB12-	5A	-	Data bus diagnostic interface -J533-	30a
F13	-	Fuse 13 on fuse holder B -SB13-	15A 30A2)	-	Engine control unit -J623-	87a
F14	-	Fuse 14 on fuse holder B -SB14-	20A	-	Fuel pressure regulating valve -N276- Fuel metering valve -N290- Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition coil 4 with output stage -N292-	87a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F15	-	Fuse 15 on fuse holder B -SB15-	10A[1)] 15A[1)] 5A[2)]		Magnetic clutch for supercharger -N421- Lambda probe heater -Z19- Lambda probe 1 heater after catalytic converter -Z29- Fuel system diagnostic pump -V144- Fuel pump relay -J17- Automatic glow period control unit -J179- Electric fuel pump 2 relay -J49-	87a
F16	-	Fuse 16 on fuse holder B -SB16-	30A	-	Onboard supply control unit -J519- (T52c/42)	30a
F17	-	Fuse 17 on fuse holder B -SB17-	15A	-	Alarm horn relay -J641-	30a
F18	-	Fuse 18 on fuse holder B -SB18-	30A	-	Digital sound package amplifier -R184-	30a
F19	-	Fuse 19 on fuse holder B -SB19-	30A	-	Wiper motor control unit -J400-	30a
F20	-	Fuse 20 on fuse holder B -SB20-	10A 15A[6)]	-	Fuel pressure regulating valve -N276- Coolant circulation pump -V50- [1)]	87a
F21	-	Fuse 21 on fuse holder B -SB21-	10A[2)] 20A[3)]		Lambda probe heater -Z19- Fuel pump control unit -J538-	87a
F22	-	Fuse 22 on fuse holder B -SB22-	5A	-	Clutch position sender -G476-	87a
F23	-	Fuse 23 on fuse holder B -SB23-	10A	-	Charge pressure control solenoid valve -N75- Exhaust gas recirculation cooler changeover valve -N345- Fuel pressure regulating valve -N276- [4)] Air mass meter -G70- [1)]	87a
F24	-	Fuse 24 on fuse holder B -SB24-	10A	-	Radiator fan control unit -J293- Low heat output relay -J359- High heat output relay -J360- Additional coolant pump relay -J496- Motronic current supply relay 2 -J670- Charge pressure control solenoid valve -N75- Activated charcoal filter solenoid valve 1 -N80- Camshaft control valve 1 -N205- Turbocharger air recirculation valve -N249- Intake manifold flap valve -N316- Coolant circulation pump 2 -V178- Coolant circulation pump -V50- Fuel pump relay -J17- [1)]	87a
F25	-	Fuse 25 on fuse holder B -SB25-	40A	-	ABS control unit -J104-	30a
F26	-	Fuse 26 on fuse holder B -SB26-	30A	-	Onboard supply control unit -J519- (T52a/1)	30a
F27	-	Fuse 27 on fuse holder B -SB27-	-	-	-Vacant	-
F28	-	Fuse 28 on fuse holder B -SB28-	50A	-	Automatic glow period control unit -J179-	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F29	-	Fuse 29 on fuse holder B -SB29-	50A	-	Driver seat adjustment thermal fuse 1 -S44- Fuse 54 on fuse holder C -SC54- Fuse 55 on fuse holder C -SC55- Fuse 56 on fuse holder C -SC56- Fuse 57 on fuse holder C -SC57-	30a
F30	-	Fuse 30 on fuse holder B -SB30-	50A	-	X-contact relief relay -J59-	30a

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Note

1) According to equipment

2) Only models with a diesel engine

3) Only models with petrol engine

4) Only models with a 1.4l petrol engine

5) Only models with start/stop system

6) from November 2010

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1.14 Fuses (SB) on E-box low on left in engine compartment, from May 2011

1.14.1 Fuse colours

1 - Fuse holder B -SB-

50 A - red

40 A - orange

30 A - light green

25 A - natural (white)

20 A - yellow

15 A - light blue

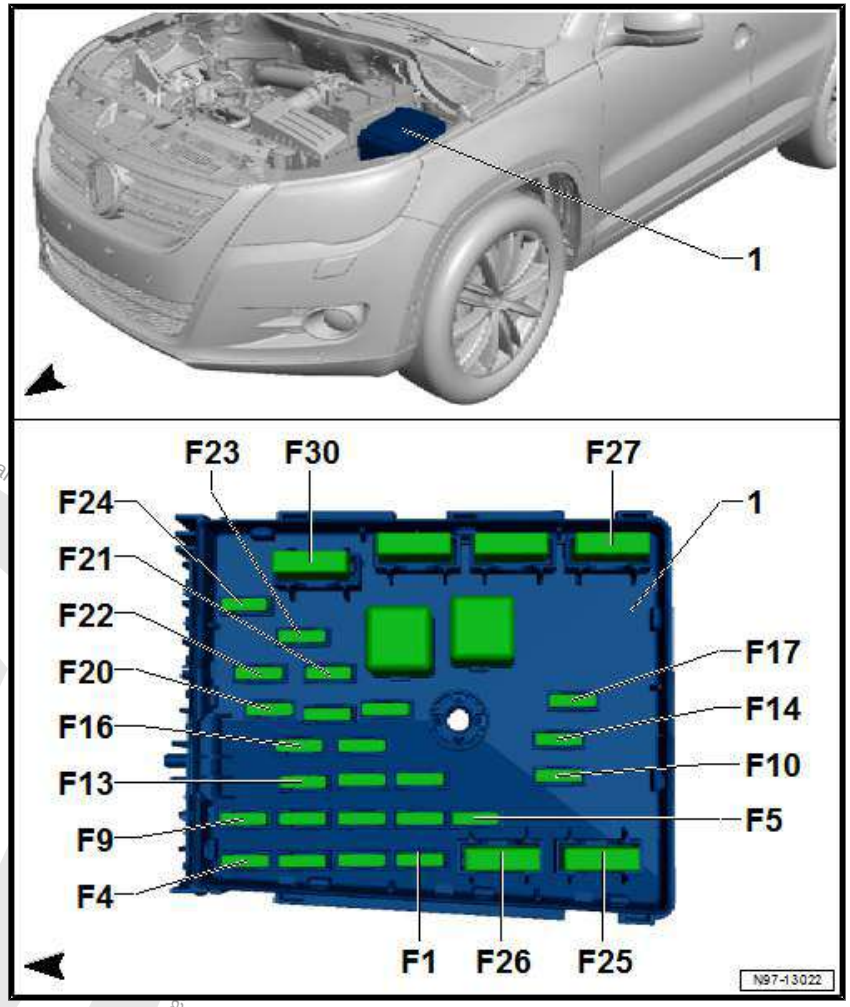
10 A - red

7.5 A - brown

5 A - light brown

3 A - purple

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1.15 Fuse assignment for E-box low, from May 2011

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F1	-	Fuse 1 on fuse holder B -SB1-	15A		Mechatronic unit for dual clutch gearbox -J743-	Kl.30
F2	-	Fuse 2 on fuse holder B -SB2-	30A		ABS control unit -J104- ◆ Valves	Terminal 30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F3	-	Fuse 3 on fuse holder B -SB3-	15A		Dual tone horn relay -J4-	Terminal 30
F4	-	Fuse 4 on fuse holder B -SB4-			not assigned	
F5	-	Fuse 5 on fuse holder B -SB5-	5A		Onboard supply control unit -J519- ◆ KI.30_REF ◆ Battery monitor control unit -J367- 2)	Terminal 30
F6	-	Fuse 6 on fuse holder B -SB6-			not assigned	
F7	-	Fuse 7 on fuse holder B -SB7-	25A		Voltage stabiliser -J532- 2) Control unit with display for radio and navigation -J503- 3) Multimedia system control unit -J650-	Terminal 30
F8	-	Fuse 8 on fuse holder B -SB8-	40A		Terminal 15 voltage supply relay 2 -J681-	Terminal 30
F9	-	Fuse 9 on fuse holder B -SB9-			not assigned	
F10	-	Fuse 10 on fuse holder B -SB10-	5A		Lambda probe heater -Z19- Lambda probe 1 heater after catalytic converter -Z29- Magnetic clutch for supercharger -N421- 1) Fuel system diagnostic pump -V144- 1) Automatic glow period control unit -J179- 4)	Terminal 87
F11	-	Fuse 11 on fuse holder B -SB11-	5A		Control unit in dash panel insert -J285- 3) Steering column electronics control unit -J527- 3)	Terminal 30
F12	-	Fuse 12 on fuse holder B -SB12-	5A		Mobile telephone operating electronics control unit -J412-	Terminal 30
F13	-	Fuse 13 on fuse holder B -SB13-	10A 5) 5A		Engine control unit -J623- Terminal 30 voltage supply relay -J317-	Terminal 30
F14	-	Fuse 14 on fuse holder B -SB14-	30A 4) 15A		Engine control unit -J623-	Terminal 87
F15	-	Fuse 15 on fuse holder B -SB15-	5A		Data bus diagnostic interface -J533-	Terminal 30
F16	-	Fuse 16 on fuse holder B -SB16-	10A		Charge pressure control solenoid valve -N75- 4) Exhaust gas recirculation cooler changeover valve -N345- 4) Air mass meter -G70- 4) Fuel pressure regulating valve -N276-	KI.87
F17	-	Fuse 17 on fuse holder B -SB17-	10A 15A		Coolant circulation pump -V50- 4) Fuel pressure regulating valve -N276- 5)	Terminal 30 Terminal 30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F18	-	Fuse 18 on fuse holder B -SB18-	10A 20A		Lambda probe heater -Z19- 4) Fuel pump control unit -J538- 1)	Terminal 87 Terminal 87
F19	-	Fuse 19 on fuse holder B -SB19-	30A		Digital sound package amplifier -R184-	Terminal 30
F20	-	Fuse 20 on fuse holder B -SB20-	5A		Clutch position sender -G476-	Terminal 87
F21	-	Fuse 21 on fuse holder B -SB21-	30A		Auxiliary heater control unit -J364-	Terminal 30
F22	-	Fuse 22 on fuse holder B -SB22-	30A		Wiper motor control unit -J400-	Terminal 30
F23	-	Fuse 23 on fuse holder B -SB23-	10A		High heat output relay -J360- Low heat output relay -J359- Fuel pump relay -J17- Coolant circulation pump 2 -V178- Radiator fan control unit -J293- Electric fuel pump 2 relay -J49- Charge pressure control solenoid valve -N75- Turbocharger air recirculation valve -N249- Activated charcoal filter solenoid valve 1 -N80- Camshaft control valve 1 -N205- Intake manifold flap valve -N316- Motronic current supply relay 2 -J670- Brake light switch -F- 7)	Terminal 87
F24	-	Fuse 24 on fuse holder B -SB24-	20A 15A4)		Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition coil 4 with output stage -N292- Fuel metering valve -N290- 4) Fuel pressure regulating valve -N276- 4)	Terminal 87 Terminal 87
F25	-	Fuse 25 on fuse holder B -SB25-	30A		Onboard supply control unit -J519- ◆ Kl.30_rechts	Terminal 30
F26	-	Fuse 26 on fuse holder B -SB26-	30A		Onboard supply control unit -J519- ◆ Kl.30_links	Terminal 30
F27	-	Fuse 27 on fuse holder B -SB27-	50A		X-contact relief relay -J59-	Terminal 30
F28	-	Fuse 28 on fuse holder B -SB28-	50A		Automatic glow period control unit -J179-	Terminal 30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F29	-	Fuse 29 on fuse holder B -SB29-	50A		Driver seat adjustment thermal fuse 1 -S44- Fuse 54 on fuse holder C -SC54- Fuse 55 on fuse holder C -SC55- Fuse 56 on fuse holder C -SC56- Fuse 57 on fuse holder C -SC57-	Terminal 30
F30	-	Fuse 30 on fuse holder B -SB30-	40A		ABS control unit -J104- ◆ Pump	Terminal 30

1) Depending on equipment

2) Only models with stop/start system

3) Only models with no stop/start system

4) Only models with a 2.0 l diesel engine

5) Only models with a 2.0 l petrol engine

6) Only models with 1.4 l petrol engine (CAXA)

7) from November 2011

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1.16 Fuse assignment for E-box low, from May 2012

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F1	-	Fuse 1 on fuse holder B -SB1-	15A		Mechatronic unit for dual clutch gearbox -J743- Tiptronic switch -F189-	Terminal 30
F2	-	Fuse 2 on fuse holder B -SB2-	30A		ABS control unit -J104- ◆ Valves	Terminal 30
F3	-	Fuse 3 on fuse holder B -SB3-	15A		Dual tone horn relay -J4-	Terminal 30
F4	-	Fuse 4 on fuse holder B -SB4-	30A		Front passenger seat adjustment thermal fuse 1 -S46- Front passenger seat adjustment operating unit -E471-	Terminal 30
F5	-	Fuse 5 on fuse holder B -SB5-	5A		Onboard supply control unit -J519- (T52a/24) ◆ KI.30_REF ◆ Battery monitor control unit -J367- 1)	Terminal 30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F6	-	Fuse 6 on fuse holder B -SB6-			not assigned	
F7	-	Fuse 7 on fuse holder B -SB7-	25A		Voltage stabiliser -J532- 1) Control unit with display for radio and navigation -J503- 2) Multimedia system control unit -J650- Control unit for navigation system -J856- 2)	Terminal 30
F8	-	Fuse 8 on fuse holder B -SB8-	40A		Terminal 15 voltage supply relay 2 -J681-	Terminal 30
F9	-	Fuse 9 on fuse holder B -SB9-	15A		Trailer voltage supply relay -J941-	Terminal 30
F10	-	Fuse 10 on fuse holder B -SB10-	5A		Lambda probe heater -Z19- Lambda probe 1 heater after catalytic converter -Z29- Magnetic clutch for supercharger -N421- 4) Fuel system diagnostic pump -V144- 4) Automatic glow period control unit -J179- 3)	Terminal 87
F11	-	Fuse 11 on fuse holder B -SB11-	5A		Control unit in dash panel insert -J285- 2) Steering column electronics control unit -J527- 2)	Terminal 30
F12	-	Fuse 12 on fuse holder B -SB12-	5A		Mobile telephone operating electronics control unit -J412-	Terminal 30
F13	-	Fuse 13 on fuse holder B -SB13-	10A 5) 5A		Engine control unit -J623- Terminal 30 voltage supply relay -J317-	Terminal 30
F14	-	Fuse 14 on fuse holder B -SB14-	30A 3) 15A		Engine control unit -J623-	Terminal 87
F15	-	Fuse 15 on fuse holder B -SB15-	5A		Data bus diagnostic interface -J533-	Terminal 30
F16	-	Fuse 16 on fuse holder B -SB16-	10A		Charge pressure control solenoid valve -N75- 3) Exhaust gas recirculation cooler changeover valve -N345- 3) Air mass meter -G70- 3) Fuel pressure regulating valve -N276-	Terminal 87
F17	-	Fuse 17 on fuse holder B -SB17-	10A 15A 20A 4)		Coolant circulation pump -V50- 3) Fuel pressure regulating valve -N276- 5)	Terminal 87 Terminal 87
F18	-	Fuse 18 on fuse holder B -SB18-	10A 20A		Lambda probe heater -Z19- 3) Fuel pump control unit -J538- 4)	Terminal 87 Terminal 87
F19	-	Fuse 19 on fuse holder B -SB19-	30A		Digital sound package amplifier -R184-	Terminal 30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F20	-	Fuse 20 on fuse holder B -SB20-	5A		Clutch position sender -G476-	Terminal 87
F21	-	Fuse 21 on fuse holder B -SB21-	30A		Auxiliary heater control unit -J364-	Terminal 30
F22	-	Fuse 22 on fuse holder B -SB22-	30A		Wiper motor control unit -J400-	Terminal 30
F23	-	Fuse 23 on fuse holder B -SB23-	10A		High heat output relay -J360- Low heat output relay -J359- Fuel pump relay -J17- Coolant circulation pump 2 -V178- Radiator fan control unit -J293- Electric fuel pump 2 relay -J49- Charge pressure control solenoid valve -N75- Turbocharger air recirculation valve -N249- Activated charcoal filter solenoid valve 1 -N80- Camshaft control valve 1 -N205- Intake manifold flap valve -N316- Motronic current supply relay 2 -J670- Brake light switch -F-	Terminal 87
F24	-	Fuse 24 on fuse holder B -SB24-	30A		Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition coil 4 with output stage -N292- Fuel metering valve -N290- 3) Fuel pressure regulating valve -N276- 3)	Terminal 87
F25	-	Fuse 25 on fuse holder B -SB25-	30A		Onboard supply control unit -J519- (T52c/42) ◆ Kl.30_rechts	Terminal 30
F26	-	Fuse 26 on fuse holder B -SB26-	30A		Onboard supply control unit -J519- (T52a/1) ◆ Kl.30_links	Terminal 30
F27	-	Fuse 27 on fuse holder B -SB27-	50A		X-contact relief relay -J59-	Terminal 30
F28	-	Fuse 28 on fuse holder B -SB28-	50A		Automatic glow period control unit -J179-	Terminal 87
F29	-	Fuse 29 on fuse holder B -SB29-	50A		Driver seat adjustment thermal fuse 1 -S44- Fuse 54 on fuse holder C -SC54- Fuse 55 on fuse holder C -SC55- Fuse 56 on fuse holder C -SC56- Fuse 57 on fuse holder C -SC57-	Terminal 30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F30	-	Fuse 30 on fuse holder B -SB30-	40A		ABS control unit -J104- ♦ Pump	Terminal 30

1) Only models with stop/start system

2) Only models with no stop/start system

3) Only models with a 2.0 l diesel engine

4) Depending on equipment

5) Only models with a 2.0 l petrol engine

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1.17 Fuse assignment for E-box low, from May 2013

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F1	-	Fuse 1 on fuse holder B -SB1-	15A		Mechatronic unit for dual clutch gearbox -J743- Tiptronic switch -F189-	Terminal 30
F2	-	Fuse 2 on fuse holder B -SB2-	30A		ABS control unit -J104- ♦ Valves	Terminal 30
F3	-	Fuse 3 on fuse holder B -SB3-	15A		Dual tone horn relay -J4-	Terminal 30
F4	-	Fuse 4 on fuse holder B -SB4-	30A		Front passenger seat adjustment thermal fuse 1 -S46- Front passenger seat adjustment operating unit -E471-	Terminal 30
F5	-	Fuse 5 on fuse holder B -SB5-	5A		Onboard supply control unit -J519- (T52a/24) ♦ Kl.30_REF ♦ Battery monitor control unit -J367- 1)	Terminal 30
F6	-	Fuse 6 on fuse holder B -SB6-	15A		All-wheel drive control unit -J492-	Terminal 30
F7	-	Fuse 7 on fuse holder B -SB7-	25A		Voltage stabiliser -J532- 1) Control unit with display for radio and navigation -J503- 2) Multimedia system control unit -J650- Control unit for navigation system -J856- 2)	Terminal 30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F8	-	Fuse 8 on fuse holder B -SB8-	40A		Terminal 15 voltage supply relay 2 -J681-	Terminal 30
F9	-	Fuse 9 on fuse holder B -SB9-	15A		Trailer voltage supply relay -J941-	Terminal 30
F10	-	Fuse 10 on fuse holder B -SB10-	5A		Lambda probe heater -Z19- Lambda probe 1 heater after catalytic converter -Z29- Magnetic clutch for supercharger -N421- 4) Fuel system diagnostic pump -V144- 4) Automatic glow period control unit -J179- 3)	Terminal 87
F11	-	Fuse 11 on fuse holder B -SB11-	5A		Control unit in dash panel insert -J285- Steering column electronics control unit -J527-	Terminal 30
F12	-	Fuse 12 on fuse holder B -SB12-	5A		Mobile telephone operating electronics control unit -J412- 4) Control unit for information electronics 1 -J794- 4) Emergency call module control unit and communication unit -J949- 4)	Terminal 30
F13	-	Fuse 13 on fuse holder B -SB13-	10A 5) 5A		Engine control unit -J623- Terminal 30 voltage supply relay -J317-	Terminal 30
F14	-	Fuse 14 on fuse holder B -SB14-	30A 3) 15A		Engine control unit -J623-	Terminal 87
F15	-	Fuse 15 on fuse holder B -SB15-	5A		Data bus diagnostic interface -J533-	Terminal 30
F16	-	Fuse 16 on fuse holder B -SB16-	10A		Charge pressure control solenoid valve -N75- 3) Exhaust gas recirculation cooler changeover valve -N345- 3) Air mass meter -G70- 3) Fuel pressure regulating valve -N276-	Terminal 87
F17	-	Fuse 17 on fuse holder B -SB17-	10A 15A 20A 4)		Coolant circulation pump -V50- 3) Fuel pressure regulating valve -N276- 5)	Terminal 87 Terminal 87
F18	-	Fuse 18 on fuse holder B -SB18-	10A 20A		Lambda probe heater -Z19- 3) Fuel pump control unit -J538- 4)	Terminal 87 Terminal 87
F19	-	Fuse 19 on fuse holder B -SB19-	30A		Digital sound package amplifier -R184-	Terminal 30
F20	-	Fuse 20 on fuse holder B -SB20-	5A		Clutch position sender -G476-	Terminal 87
F21	-	Fuse 21 on fuse holder B -SB21-	30A		Auxiliary heater control unit -J364-	Terminal 30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F22	-	Fuse 22 on fuse holder B -SB22-	30A		Wiper motor control unit -J400-	Terminal 30
F23	-	Fuse 23 on fuse holder B -SB23-	10A		High heat output relay -J360- Low heat output relay -J359- Fuel pump relay -J17- Coolant circulation pump 2 -V178- Radiator fan control unit -J293- Electric fuel pump 2 relay -J49- Charge pressure control solenoid valve -N75- Turbocharger air recirculation valve -N249- Activated charcoal filter solenoid valve 1 -N80- Camshaft control valve 1 -N205- Intake manifold flap valve -N316- Motronic current supply relay 2 -J670- Brake light switch -F-	Terminal 87
F24	-	Fuse 24 on fuse holder B -SB24-	30A		Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition coil 4 with output stage -N292- Fuel metering valve -N290- 3) Fuel pressure regulating valve -N276- 3)	Terminal 87
F25	-	Fuse 25 on fuse holder B -SB25-	30A		Onboard supply control unit -J519- (T52c/42) ◆ Kl.30_rechts	Terminal 30
F26	-	Fuse 26 on fuse holder B -SB26-	30A		Onboard supply control unit -J519- (T52a/1) ◆ Kl.30_links	Terminal 30
F27	-	Fuse 27 on fuse holder B -SB27-	50A 40A6)		X-contact relief relay -J59-	Terminal 30
F28	-	Fuse 28 on fuse holder B -SB28-	50A		Automatic glow period control unit -J179-	Terminal 87
F29	-	Fuse 29 on fuse holder B -SB29-	50A		Driver seat adjustment thermal fuse 1 -S44- Fuse 54 on fuse holder C -SC54- Fuse 55 on fuse holder C -SC55- Fuse 56 on fuse holder C -SC56- Fuse 57 on fuse holder C -SC57-	Terminal 30
F30	-	Fuse 30 on fuse holder B -SB30-	40A		ABS control unit -J104- ◆ Pump	Terminal 30

1) Only models with stop/start system

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2) Only models with no stop/start system

3) Only models with a 2.0 l diesel engine

4) Depending on equipment

5) Only models with a 2.0 l petrol engine

6) Only models with Climatronic

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1.18 Fuse assignment for E-box low, from May 2014

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F1	-	Fuse 1 on fuse holder B -SB1-	15A		Mechatronic unit for dual clutch gearbox -J743- Tiptronic switch -F189-	Terminal 30
F2	-	Fuse 2 on fuse holder B -SB2-	30A		ABS control unit -J104- ◆ Valves	Terminal 30
F3	-	Fuse 3 on fuse holder B -SB3-	15A		Dual tone horn relay -J4-	Terminal 30
F4	-	Fuse 4 on fuse holder B -SB4-	30A		Front passenger seat adjustment thermal fuse 1 -S46- Front passenger seat adjustment operating unit -E471-	Terminal 30
F5	-	Fuse 5 on fuse holder B -SB5-	5A		Onboard supply control unit -J519- (T52a/24) ◆ KI.30_REF ◆ Battery monitor control unit -J367- 1)	Terminal 30
F6	-	Fuse 6 on fuse holder B -SB6-	15A		All-wheel drive control unit -J492-	Terminal 30
F7	-	Fuse 7 on fuse holder B -SB7-	25A		Voltage stabiliser -J532- 1) Control unit with display for radio and navigation -J503- 2) Multimedia system control unit -J650- Control unit for navigation system -J856- 2)	Terminal 30
F8	-	Fuse 8 on fuse holder B -SB8-	40A		Terminal 15 voltage supply relay 2 -J681-	Terminal 30
F9	-	Fuse 9 on fuse holder B -SB9-	15A		Trailer voltage supply relay -J941-	Terminal 30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F10	-	Fuse 10 on fuse holder B -SB10-	5A		Lambda probe heater -Z19- Lambda probe 1 heater after catalytic converter -Z29- Magnetic clutch for supercharger -N421- 4) Fuel system diagnostic pump -V144- 4) Automatic glow period control unit -J179- 3)	Terminal 87
F11	-	Fuse 11 on fuse holder B -SB11-	5A		Control unit in dash panel insert -J285- Steering column electronics control unit -J527-	Terminal 30
F12	-	Fuse 12 on fuse holder B -SB12-	5A		Mobile telephone operating electronics control unit -J412- 4) Control unit for information electronics 1 -J794- 4) Emergency call module control unit and communication unit -J949- 4)	Terminal 30
F13	-	Fuse 13 on fuse holder B -SB13-	10A 5) 5A		Engine control unit -J623- Terminal 30 voltage supply relay -J317-	Terminal 30
F14	-	Fuse 14 on fuse holder B -SB14-	30A 3) 15A		Engine control unit -J623-	Terminal 87
F15	-	Fuse 15 on fuse holder B -SB15-	5A		Data bus diagnostic interface -J533-	Terminal 30
F16	-	Fuse 16 on fuse holder B -SB16-	10A		Charge pressure control solenoid valve -N75- 3) Exhaust gas recirculation cooler changeover valve -N345- 3) Air mass meter -G70- 3) Fuel pressure regulating valve -N276-	Terminal 87
F17	-	Fuse 17 on fuse holder B -SB17-	10A 15A 20A 4)		Coolant circulation pump -V50- 3) Fuel pressure regulating valve -N276- 5)	Terminal 87 Terminal 87
F18	-	Fuse 18 on fuse holder B -SB18-	10A 20A		Lambda probe heater -Z19- 3) Fuel pump control unit -J538- 4)	Terminal 87 Terminal 87
F19	-	Fuse 19 on fuse holder B -SB19-	30A		Digital sound package amplifier -R184-	Terminal 30
F20	-	Fuse 20 on fuse holder B -SB20-	5A		Clutch position sender -G476-	Terminal 87
F21	-	Fuse 21 on fuse holder B -SB21-	20A		Auxiliary heater control unit -J364-	Terminal 30
F22	-	Fuse 22 on fuse holder B -SB22-	30A		Wiper motor control unit -J400-	Terminal 30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F23	-	Fuse 23 on fuse holder B -SB23-	10A		High heat output relay -J360- Low heat output relay -J359- Fuel pump relay -J17- Coolant circulation pump 2 -V178- Radiator fan control unit -J293- Electric fuel pump 2 relay -J49- Charge pressure control solenoid valve -N75- Turbocharger air recirculation valve -N249- Activated charcoal filter solenoid valve 1 -N80- Camshaft control valve 1 -N205- Intake manifold flap valve -N316- Motronic current supply relay 2 -J670- Brake light switch -F-	Terminal 87
F24	-	Fuse 24 on fuse holder B -SB24-	30A		Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition coil 4 with output stage -N292- Fuel metering valve -N290- 3) Fuel pressure regulating valve -N276- 3)	Terminal 87
F25	-	Fuse 25 on fuse holder B -SB25-	30A		Onboard supply control unit -J519- (T52c/42) ◆ Kl.30_rechts	Terminal 30
F26	-	Fuse 26 on fuse holder B -SB26-	30A		Onboard supply control unit -J519- (T52a/1) ◆ Kl.30_links	Terminal 30
F27	-	Fuse 27 on fuse holder B -SB27-	50A 40A6)		X-contact relief relay -J59-	Terminal 30
F28	-	Fuse 28 on fuse holder B -SB28-	50A		Automatic glow period control unit -J179-	Terminal 87
F29	-	Fuse 29 on fuse holder B -SB29-	50A		Driver seat adjustment thermal fuse 1 -S44- Fuse 54 on fuse holder C -SC54- Fuse 55 on fuse holder C -SC55- Fuse 56 on fuse holder C -SC56- Fuse 57 on fuse holder C -SC57-	Terminal 30
F30	-	Fuse 30 on fuse holder B -SB30-	40A		ABS control unit -J104- ◆ Pump	Terminal 30

1) Only models with stop/start system

2) Only models with no stop/start system

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3) Only models with a 2.0 l diesel engine

4) Depending on equipment

5) Only models with a 2.0 l petrol engine

6) Only models with Climatronic

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1.19 Fuses (SC) on fuse holder C, in driver's footwell

1.19.1 Fuse colours

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50 A - red

40 A - orange

30 A - light green

25 A - natural (white)

20 A - yellow

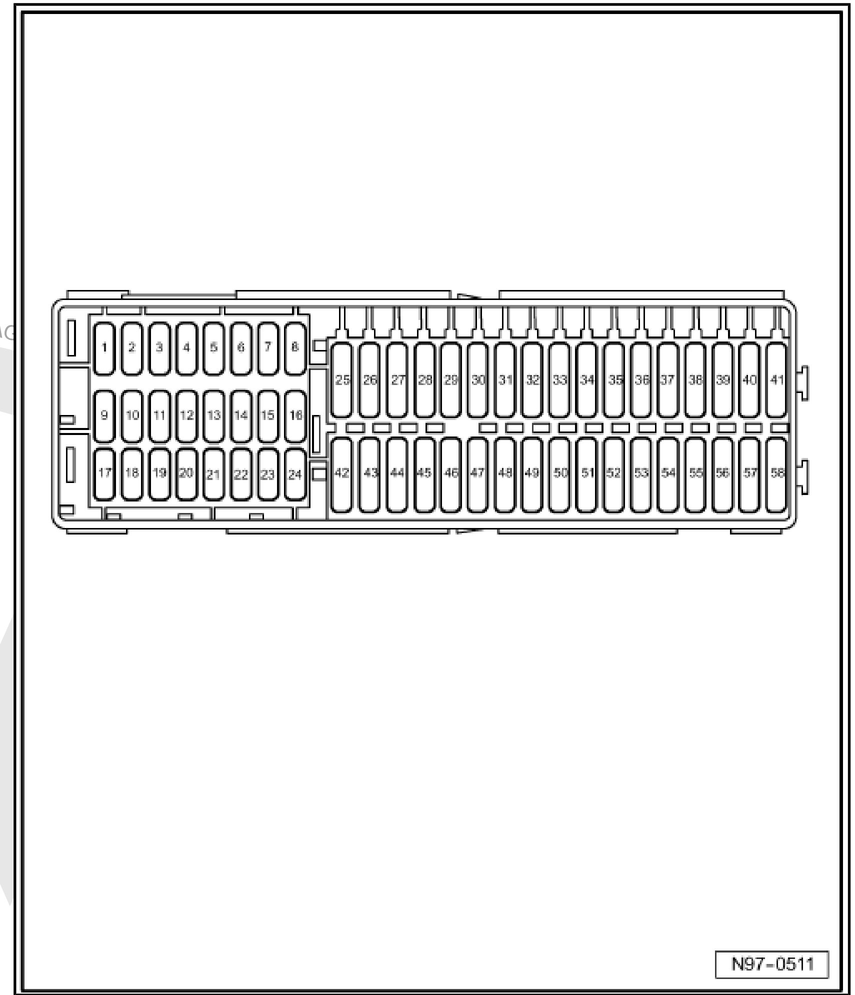
15 A - light blue

10 A - red

7.5 A - brown

5 A - light brown

3 A - purple



1.20 Fuse assignment on fuse holder C, from November 2007

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	SC1-Fuse 1 on fuse holder C	-	-	- Not assigned	-
2	-	SC2-Fuse 2 on fuse holder C	-	-	- Not assigned	-
3	-	SC3-Fuse 3 on fuse holder C	-	-	- Not assigned	-
4	-	SC4-Fuse 4 on fuse holder C	-	-	- Not assigned	-

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5	-	SC5-Fuse 5 on fuse holder C	-	-	- Not assigned	-
6	-	SC6-Fuse 6 on fuse holder C	-	-	- Not assigned	-
7	-	SC7-Fuse 7 on fuse holder C	-	-	- Not assigned	-
8	-	SC8-Fuse 8 on fuse holder C	-	-	- Not assigned	-
9	-	SC9-Fuse 9 on fuse holder C	5A	-	K145-Front passenger front airbag deactivated warning lamp J234-Airbag control unit	15a
10	-	SC10-Fuse 10 on fuse holder C	10A	-	J492-All-wheel drive control unit	15a
11	-	SC11-Fuse 11 on fuse holder C	5A	-	J446-Parking aid control unit J791-Park assist steering control unit	15a
12	-	SC12-Fuse 12 on fuse holder C	10A	-	J667-Power output module for left headlight	15a

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
13	-	SC13-Fuse 13 on fuse holder C	5A	-	E256-Button for TCS and electronic stabilisation program E492-Tyre Pressure Loss Indicator button E540-AUTO HOLD button E598-Driving program button F4-Reversing light switch G65-High-pressure sender G238-Air quality sensor G266-Oil level and oil temperature sender J255-Climatronic control unit J706-Seat occupied recognition control unit (only airbag systems for USA/ Canada) K237-AUTOHOLD warning lamp Y7-Automatic anti-dazzle interior mirror Z20-Left washer jet heater element Z21-Right washer jet heater element	15a
14		SC14-Fuse 14 on fuse holder C	10A	-	E1-Light switch F-Brake light switch F47-Brake pedal switch F189-Tiptronic switch J104-ABS control unit J250-Electronically controlled damping control unit J255-Climatronic control unit (E94/E95 - heated seats regulator) J285-Control unit in dash panel insert J301-Air conditioning system control unit (E94/E95·-·heated seats regulator) J345-Trailer detector control unit/ preparation trailer operation J533-Data bus diagnostic interface J500-Power steering control unit J623-Engine control unit	15a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
15	-	SC15-Fuse 15 on fuse holder C	10A	-	E102-Headlight range control regulator G70-Air mass meter (CBAA, CBAB, CBBA, BXDB) J485-Auxiliary heater operation relay J540-Control unit for electromechanical parking brake J745-Control unit for bend lighting and headlight range control N79-Crankcase breather heater element 2 T16-16-pin connector, self-diagnosis connection V48-Headlight range control motor V49-Right headlight range control motor	15a
16	-	SC16-Fuse 16 on fuse holder C	10A	-	J668-Power output module for right headlight	15a
17	-	SC17-Fuse 17 on fuse holder C	-	-	-Vacant	-
18	-	SC18-Fuse 18 on fuse holder C	-	-	-Vacant	-
19	-	SC19-Fuse 19 on fuse holder C	-	-	-Vacant	-
20	-	SC20-Fuse 20 on fuse holder C	5A	-	F189-Tiptronic switch J104-ABS control unit J217-Automatic gearbox control unit J255-Climatronic control unit J301-Air conditioning system control unit R149-Remote control receiver for auxiliary coolant heater SC57-Supply for fuse 57 on fuse holder C[1)] SC58-Supply for fuse 58 on fuse holder C[2)]	30a
21	-	SC21-Fuse 21 on fuse holder C	7.5A	-	J519-Onboard supply control unit V59-Windscreen and rear window washer pump	30a
22	-	SC22-Fuse 22 on fuse holder C	5A	-	G273-Interior monitoring sensor H12-Alarm horn J641-Alarm horn relay (USA/Canada/Mexico)	30a

1) To November 2008

2) from November 2008

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
23	-	SC23-Fuse 23 on fuse holder C	10A	-	E1-Light switch E538-Electromechanical parking brake button G197-Magnetic field sender for compass G397-Rain and light detection sensor J772-Reversing camera system control unit T16-Diagnostic connection	30a
24	-	SC24-Fuse 24 on fuse holder C	10A	-	J386-Driver door control unit (window regulator) J387-Front passenger door control unit (window regulator)	30a

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25	-	SC25-Fuse 25 on fuse holder C	20A	-	F125-Multifunction switch J217-Automatic gearbox control unit	30a
26	-	SC26-Fuse 26 on fuse holder C	-	-	-Vacant	-
27	-	SC27-Fuse 27 on fuse holder C	-	-	-Vacant	-
28	-	SC28-Fuse 28 on fuse holder C	15A	-	V12-Rear window wiper motor	75a
29	-	SC29-Fuse 29 on fuse holder C	15A	-	J730-Dual washer pump relay	75a
30	-	SC30-Fuse 30 on fuse holder C	20A	-	J29-Blocking diode U1-Cigarette lighter U5-12V socket U18-12V socket 2 U19-12V socket 3	75a
31	-	SC31-Fuse 31 on fuse holder C	-	-	-Vacant	-
32	-	SC32-Fuse 32 on fuse holder C	-	-	-Vacant	-
33	-	SC33-Fuse 33 on fuse holder C	40A	-	E9-Fresh air blower switch J485-Auxiliary heater operation relay	75a
34	-	SC34-Fuse 34 on fuse holder C	-	-	-Vacant	-
35	-	SC35-Fuse 35 on fuse holder C	-	-	-Vacant	-

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
36	-	SC36-Fuse 36 on fuse holder C	30 A[1)]	-	U13 - DC/AC converter with socket, 12 V - 230 V[1)]	30a
37	-	SC37-Fuse 37 on fuse holder C	15 A[1)]	-	E176-Driver seat lumbar support adjustment switch[1)]	30a
38	-	SC38-Fuse 38 on fuse holder C	15 A[1)]	-	J250-Electronically controlled damping control unit[1)]	30a
39	-	SC39-Fuse 39 on fuse holder C	15A	-	J345-Trailer detector control unit/ preparation trailer operation	30a
40	-	SC40-Fuse 40 on fuse holder C	15A	-	J345-Trailer detector control unit/ preparation trailer operation	30a
41	-	SC41-Fuse 41 on fuse holder C	20A	-	J345-Trailer detector control unit/ preparation trailer operation	30a
42	-	SC42-Fuse 42 on fuse holder C	25A	-	J245-Sliding sunroof adjustment control unit	30a
43	-	SC43-Fuse 43 on fuse holder C	20A	-	J540-Control unit for electromechanical parking brake	30a
44	-	SC44-Fuse 44 on fuse holder C	25A	-	J13-Fresh air blower relay J519-Onboard supply control unit (heated rear window)	30a
45	-	SC45-Fuse 45 on fuse holder C	30A	-	J386-Driver door control unit (window regulator) J387-Front passenger door control unit (window regulator)	30a
46	-	SC46-Fuse 46 on fuse holder C	30A	-	J388-Rear left door control unit (window regulator) J389-Rear right door control unit (window regulator)	30a
47	-	SC47-Fuse 47 on fuse holder C	15A	-	J17-Fuel pump relay J832-Relay for supplementary fuel pump J749-Fuel pump relay for auxiliary heater	30a

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48	-	SC48-Fuse 48 on fuse holder C	15A	-	J388-Left rear door control module (central locking) J389-Rear right door control unit (central locking) J393-Convenience system central control unit	30a

1) from November 2008

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
49	-	SC49-Fuse 49 on fuse holder C	20A	-	J540-Control unit for electromechanical parking brake	30a
50	-	SC50-Fuse 50 on fuse holder C	40A	-	J126-Fresh air blower control unit	30a
51	-	SC51-Fuse 51 on fuse holder C	30A	-	J774-Heated front seats control unit	30a
52	-	SC52-Fuse 52 on fuse holder C	20A	-	J39-Headlight washer system relay	30a
53	-	SC53-Fuse 53 on fuse holder C	30A1)	-	U13 - DC/AC converter with socket, 12 V - 230 V1)	30a
54	-	SC54-Fuse 54 on fuse holder C	15A1)	-	E176-Driver seat lumbar support adjustment switch1) E177-Front passenger seat lumbar support adjustment switch1)	30a
55	-	SC55-Fuse 55 on fuse holder C	15A1)	-	J250-Electronically controlled damping control unit1)	30a
56	-	SC56-Fuse 56 on fuse holder C	25A1)	-	J394-Sunroof roller blind control unit1)	30a
57	-	SC57-Fuse 57 on fuse holder C	1A1) 25A2)	-	K226-Trailer towing attachment locked warning lamp¹) J394-Sunroof roller blind control unit2)	30a
58	-	SC58-Fuse 58 on fuse holder C	1A2)	-	K226-Trailer towing attachment locked warning lamp2)	30a

1) To November 2008

2) from November 2008

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1.21 Fuses (SC) on fuse holder C, in driver's footwell

1.21.1 Fuse colours

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50 A - red

40 A - orange

30 A - light green

25 A - natural (white)

20 A - yellow

15 A - light blue

10 A - red

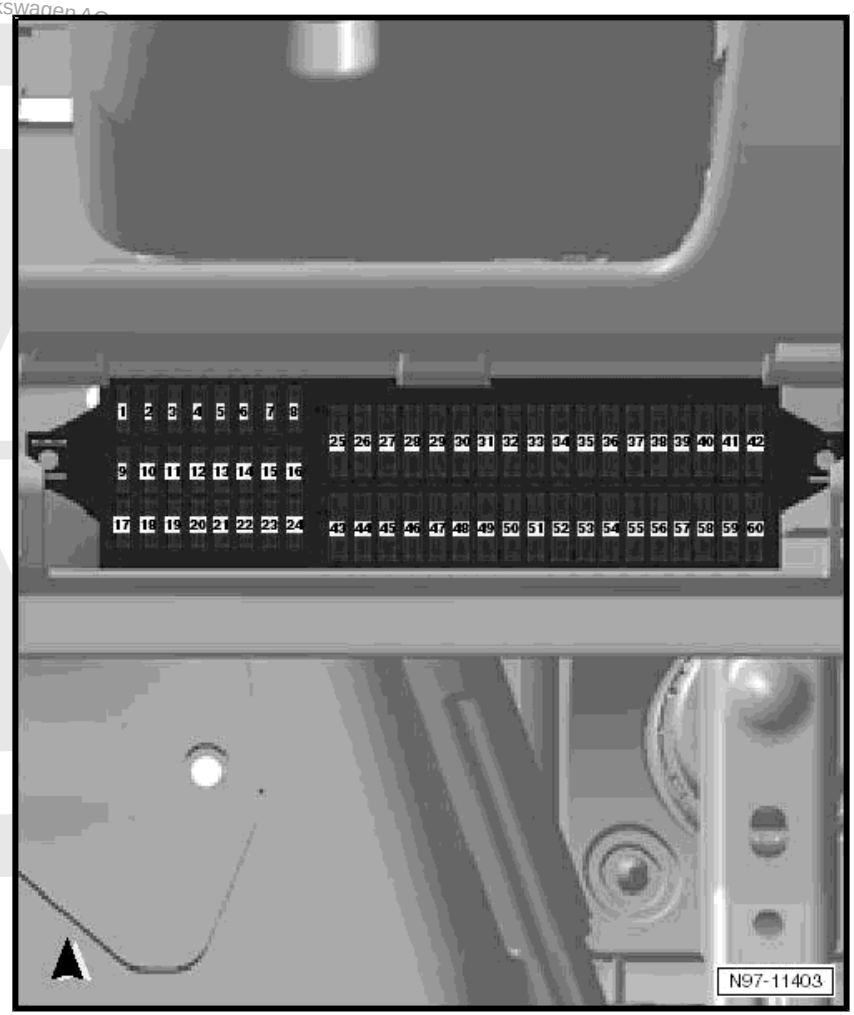
7.5 A - brown

5 A - light brown

3 A - purple

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1.22 Fuse assignment on fuse holder C, from May 2009

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	-	-	-Vacant	-
2	-	Fuse 2 on fuse holder C -SC2-	-	-	-Vacant	-
3	-	Fuse 3 on fuse holder C -SC3-	-	-	-Vacant	-
4	-	Fuse 4 on fuse holder C -SC4-	-	-	-Vacant	-

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
5	-	Fuse 5 on fuse holder C -SC5-	-	-	-Vacant	-
6	-	Fuse 6 on fuse holder C -SC6-	-	-	-Vacant	-
7	-	Fuse 7 on fuse holder C -SC7-	-	-	-Vacant	-
8	-	Fuse 8 on fuse holder C -SC8-	-	-	-Vacant	-
9	-	Fuse 9 on fuse holder C -SC9-	5A	-	Front passenger airbag deactivated warning lamp -K145- Airbag control unit -J234-	15a
10	-	Fuse 10 on fuse holder C -SC10-	10A	-	All-wheel drive control unit -J492-	15a
11	-	Fuse 11 on fuse holder C -SC11-	5A	-	Parking aid control unit -J446- Park assist steering control unit -J791-	15a
12	-	Fuse 12 on fuse holder C -SC12-	10A	-	Left gas discharge bulb control unit -J343-	15a
13	-	Fuse 13 on fuse holder C -SC13-	5A	-	TCS and ESP button -E256- Tyre Pressure Loss Indicator button -E492- Driving program button -E598- Auto-hold button -E540- Reversing light switch -F4- High-pressure sender -G65- Air quality sensor -G238- Oil level and oil temperature sender -G266- Climatronic control unit -J255- Seat occupied recognition control unit -J706- Auto-hold warning lamp -K237- Automatic anti-dazzle interior mirror -Y7- Left washer jet heater element -Z20- Right washer jet heater element -Z21-	15a
14	-	Fuse 14 on fuse holder C -SC14-	10A	-	Light switch -E1- Brake light switch -F- Tiptronic switch -F189- ABS control unit -J104- Electronically controlled damping control unit -J250- Climatronic control unit -J255- 2) Control unit in dash panel insert -J285- Air conditioning system control unit -J301- 2) Trailer detector control unit -J345- Data bus diagnostic interface -J533- Power steering control unit -J500- Engine control unit -J623- Heater control unit -J162- 1) Control unit for vehicle location system -J895- 1)	15a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
15	-	Fuse 15 on fuse holder C -SC15-	10A	-	Switch and instrument illumination regulator -E20- Air mass meter -G70- Auxiliary heater operation relay -J485- Control unit for electromechanical parking brake -J540- Control unit for cornering light and headlight range control -J745- Heater element for crankcase breather -N79- Diagnostic connection -U31- Left headlight range control motor -V48- Right headlight range control motor -V49-	15a
16	-	Fuse 16 on fuse holder C -SC16-	10A	-	Right gas discharge bulb control unit -J344-	15a
17	-	Fuse 17 on fuse holder C -SC17-	5A	-	Control unit in dash panel insert -J285- 4)	30a
18	-	Fuse 18 on fuse holder C -SC18-	10A	-	Multimedia system control unit -J650- 4) Mobile telephone operating electronics control unit -J412- 4) Magnetic field sender for compass -G197- 4)	30a
19	-	Fuse 19 on fuse holder C -SC19-	10A	-	Steering column electronics control unit -J527- 4)	30a
20	-	Fuse 20 on fuse holder C -SC20-	5A	-	Tiptronic switch -F189- ABS control unit -J104- Automatic gearbox control unit -J217- Climatronic control unit -J255- 2) Air conditioning system control unit -J301- Remote control receiver for auxiliary coolant heater -R149- Heated rear window relay -J9- Alarm horn relay -J641- Heater control unit -J162- 1) Fuse 58 on fuse holder C -SC58-	30a
21	-	Fuse 21 on fuse holder C -SC21-	15A	-	Onboard supply control unit -J519- (T52b/1) Rear left door control unit -J388- Rear right door control unit -J389- Windscreen and rear window washer pump -V59-	30a
22	-	Fuse 22 on fuse holder C -SC22-	5A	-	Interior monitoring sensor -G273- Alarm horn -H12- Onboard supply control unit -J519- (T52c/1)	30a
23	-	Fuse 23 on fuse holder C -SC23-	10A	-	Light switch -E1- Electromechanical parking brake button -E538- Magnetic field sender for compass -G197- Rain and light sensor -G397- Reversing camera system control unit -J772- Diagnostic connection -U31- Entry and start authorisation control unit -J518- 1) Control unit for vehicle location system -J895- 1) Voltage stabiliser -J532- 4) 1)	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
24	-	Fuse 24 on fuse holder C -SC24-	10A	-	Driver door control unit -J386- Front passenger door control unit -J387-	30a
25	-	Fuse 25 on fuse holder C -SC25-	20A	-	Multifunction switch -F125- Automatic gearbox control unit -J217- Mechatronic unit for dual clutch gearbox -J743- 3)	30a
26	-	Fuse 26 on fuse holder C -SC26-	-	-	-Vacant	-
27	-	Fuse 27 on fuse holder C -SC27-	-	-	-Vacant	-
28	-	Fuse 28 on fuse holder C -SC28-	40A	-	Auxiliary heater operation relay -J485- Air conditioning system control unit -J301-	75a
29	-	Fuse 29 on fuse holder C -SC29-	15A	-	Rear window wiper motor -V12-	75a
30	-	Fuse 30 on fuse holder C -SC30-	-	-	-Vacant	-
31	-	Fuse 31 on fuse holder C -SC31-	20A	-	Blocking diode -J29- Cigarette lighter -U1- 12 V socket -U5- 12 V socket 2 -U18- 12 V socket 3 -U19-	75a
32	-	Fuse 32 on fuse holder C -SC32-	-	-	-Vacant	-
33	-	Fuse 33 on fuse holder C -SC33-	-	-	-Vacant	-
34	-	Fuse 34 on fuse holder C -SC34-	-	-	-Vacant	-
35	-	Fuse 35 on fuse holder C -SC35-	-	-	-Vacant	-
36	-	Fuse 36 on fuse holder C -SC36-	-	-	-Vacant	-
37	-	Fuse 37 on fuse holder C -SC37-	-	-	-Vacant	-
38	-	Fuse 38 on fuse holder C -SC38- 1)	10A	-	Control unit for electronic steering column lock -J764- 1)	30a
39	-	Fuse 39 on fuse holder C -SC39- 1)	20A	-	Headlight washer system relay -J39- 1)	30a
40	-	Fuse 40 on fuse holder C -SC40-	15A	-	Trailer detector control unit -J345-	30a
41	-	Fuse 41 on fuse holder C -SC41-	15A	-	Trailer detector control unit -J345-	30a
42	-	Fuse 41 on fuse holder C -SC42-	20A	-	Trailer detector control unit -J345-	30a
43	-	Fuse 43 on fuse holder C -SC43-	25A	-	Sliding sunroof adjustment control unit -J245-	30a
44	-	Fuse 44 on fuse holder C -SC44-	25A	-	Control unit for electromechanical parking brake -J540-	30a
45	-	Fuse 45 on fuse holder C -SC45-	25A	-	Fresh air blower relay -J13- Heated rear window relay -J9-	30a
46	-	Fuse 46 on fuse holder C -SC46-	30A	-	Driver door control unit -J386- Front passenger door control unit -J387-	30a
47	-	Fuse 47 on fuse holder C -SC47-	30A	-	Driver door control unit -J386- Rear right door control unit -J389-	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
48	-	Fuse 48 on fuse holder C -SC48-	15A	-	Fuel pump relay -J17- Fuel pump relay for auxiliary heater -J749- Electric fuel pump 2 relay -J49-	30a
49	-	Fuse 49 on fuse holder C -SC49-	20A	-	Onboard supply control unit -J519- (T52b/42)	30a
50	-	Fuse 50 on fuse holder C -SC50-	25A	-	Control unit for electromechanical parking brake -J540-	30a
51	-	Fuse 51 on fuse holder C -SC51-	40A	-	Fresh air blower control unit -J126-	30a
52	-	Fuse 52 on fuse holder C -SC52-	30A	-	Heated front seats control unit -J774-	30a
53	-	Fuse 53 on fuse holder C -SC53-	20A 30A[1)]	-	Headlight washer system relay -J39- .[2)] Fuse 38 on fuse holder C -SC38- [1)] Fuse 39 on fuse holder C -SC39- [1)]	30a
54	-	Fuse 54 on fuse holder C -SC54-	30A	-	DC/AC converter with socket, 12 V - 230 V -U13-	30a
55	-	Fuse 55 on fuse holder C -SC55-	15A	-	Driver seat lumbar support adjustment switch -E176-	30a
56	-	Fuse 56 on fuse holder C -SC56-	15A	-	Electronically controlled damping control unit -J250-	30a
57	-	Fuse 57 on fuse holder C -SC57-	25A	-	Sunroof roller blind control unit -J394-	30a
58	-	Fuse 58 on fuse holder C -SC58-	1A	-	Towing bracket locked warning lamp -K226-	30a
59	-	Fuse 59 on fuse holder C -SC59-	20A	-	Control unit with display for radio and navigation -J503- [1) 4)]	30a
60	-	Fuse 60 on fuse holder C -SC60-	-	-	-Vacant	-

[1)] From May 2010

[2)] up to May 2010

[3)] According to equipment

[4)] Only models with start/stop system

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1.23 Fuse assignment (SC) on fuse holder C, from May 2011

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	-	-	-Vacant	-
2	-	Fuse 2 on fuse holder C -SC2-	-	-	-Vacant	-
3	-	Fuse 3 on fuse holder C -SC3-	-	-	-Vacant	-
4	-	Fuse 4 on fuse holder C -SC4-	-	-	-Vacant	-

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
5	-	Fuse 5 on fuse holder C -SC5-	-	-	-Vacant	-
6	-	Fuse 6 on fuse holder C -SC6-	-	-	-Vacant	-
7	-	Fuse 7 on fuse holder C -SC7-	-	-	-Vacant	-
8	-	Fuse 8 on fuse holder C -SC8-	-	-	-Vacant	-
9	-	Fuse 9 on fuse holder C -SC9-	5A	-	Airbag control unit -J234- Front passenger airbag deactivated warning lamp -K145-	15a
10	-	Fuse 10 on fuse holder C -SC10-	10A	-	All-wheel drive control unit -J492-	15a
11	-	Fuse 11 on fuse holder C -SC11-	5A	-	Park assist steering control unit -J791- Parking aid control unit -J446-	15a
12	-	Fuse 12 on fuse holder C -SC12-	10A	-	Left gas discharge bulb control unit -J343-	15a
13	-	Fuse 13 on fuse holder C -SC13-	5A	-	High-pressure sender -G65- Automatic anti-dazzle interior mirror -Y7- Reversing light switch -F4- Left washer jet heater element -Z20- Right washer jet heater element -Z21- Auto-hold button -E540- Auto-hold warning lamp -K237- Seat occupied recognition control unit -J706- Front camera for driver assist systems -R242- Oil level and oil temperature sender -G266- TCS and ESP button -E256- Driving program button -E598-	15a
14	-	Fuse 14 on fuse holder C -SC14-	5A	-	Power steering control unit -J500- Control unit for vehicle location system -J895- Starter relay 1 -J906- Starter relay 2 -J907- Electronically controlled damping control unit -J250- Trailer detector control unit -J345- Tiptronic switch -F189- Brake light switch -F- Data bus diagnostic interface -J533- Control unit in dash panel insert -J285- Heater control unit -J162- Light switch -E1- Engine control unit -J623- ABS control unit -J104-	15a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
15	-	Fuse 15 on fuse holder C -SC15-	10A	-	Auxiliary heater operation relay -J485- Voltage stabilizer -J532- Control unit for cornering light and headlight range control -J745- Air mass meter -G70- Diagnostic connection -U31- Control unit for electromechanical parking brake -J540- Switch and instrument illumination regulator -E20- Heater element for crankcase breather -N79- Left headlight range control motor -V48- Right headlight range control motor -V49-	15a
16	-	Fuse 16 on fuse holder C -SC16-	10A	-	Right gas discharge bulb control unit -J344-	15a
17	-	Fuse 17 on fuse holder C -SC17-	5A	-	Control unit in dash panel insert -J285-	30a
18	-	Fuse 18 on fuse holder C -SC18-	10A	-	Mobile telephone operating electronics control unit -J412- Multimedia system control unit -J650- Magnetic field sender for compass -G197-	30a
19	-	Fuse 19 on fuse holder C -SC19-	10A	-	Steering column electronics control unit -J527-	30a
20	-	Fuse 20 on fuse holder C -SC20-	5A	-	Tyre Pressure Monitoring System control unit -J502- Remote control receiver for auxiliary coolant heater -R149- Heated rear window relay -J9- Dual tone horn relay -J4- ABS control unit -J104- Tiptronic switch -F189- Automatic gearbox control unit -J217- Air conditioning system control unit -J301- Climatronic control unit -J255- Heater control unit -J162- Fuse 58 on fuse holder C -SC58-	30a
21	-	Fuse 21 on fuse holder C -SC21-	10A	-	Onboard supply control unit -J519- Windscreen and rear window washer pump -V59- ◆ KI.30_ZV Front passenger door control unit -J387- Rear right door control unit -J389-	30a
22	-	Fuse 22 on fuse holder C -SC22-	5A	-	Onboard supply control unit -J519- ◆ KI.30_DWA Alarm horn -H12- Interior monitoring sensor -G273-	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
23	-	Fuse 23 on fuse holder C -SC23-	10A	-	Rain and light sensor -G397- Light switch -E1- Control unit for vehicle location system -J895- Entry and start authorisation control unit -J518- Reversing camera system control unit -J772- Magnetic field sender for compass -G197- Electromechanical parking brake button -E538- Diagnostic connection -U31-	30a
24	-	Fuse 24 on fuse holder C -SC24-	10A	-	Driver door control unit -J386- Rear left door control unit -J388-	30a
25	-	Fuse 25 on fuse holder C -SC25-	5A[1)] 20A	-	Multifunction switch -F125- Automatic gearbox control unit -J217- Mechatronic unit for dual clutch gearbox -J743-	15a
26	-	Fuse 26 on fuse holder C -SC26-	-	-	not assigned	-
27	-	Fuse 27 on fuse holder C -SC27-	-	-	not assigned	-
28	-	Fuse 28 on fuse holder C -SC28-	40A	-	Auxiliary heater operation relay -J485- Heater control unit -J162- Air conditioning system control unit -J301-	75a
29	-	Fuse 29 on fuse holder C -SC29-	15A	-	Rear window wiper motor -V12-	75a
30	-	Fuse 30 on fuse holder C -SC30-	-	-	not assigned	75a
31	-	Fuse 31 on fuse holder C -SC31-	20A	-	Blocking diode -J29- Cigarette lighter -U1- 12 V socket -U5- 12 V socket 2 -U18- 12 V socket 3 -U19-	75a
32	-	Fuse 32 on fuse holder C -SC32-	-	-	not assigned	-
33	-	Fuse 33 on fuse holder C -SC33-	-	-	not assigned	-
34	-	Fuse 34 on fuse holder C -SC34-	-	-	not assigned	-
35	-	Fuse 35 on fuse holder C -SC35-	-	-	not assigned	-
36	-	Fuse 36 on fuse holder C -SC36-	-	-	not assigned	-
37	-	Fuse 37 on fuse holder C -SC37-	-	-	not assigned	-
38	-	Fuse 38 on fuse holder C -SC38-	10A	-	Control unit for electronic steering column lock -J764-	30a
39	-	Fuse 39 on fuse holder C -SC39-	20A	-	Headlight washer system relay -J39-	30a
40	-	Fuse 40 on fuse holder C -SC40-	15A	-	Trailer detector control unit -J345-	30a
41	-	Fuse 41 on fuse holder C -SC41-	15A	-	Trailer detector control unit -J345-	30a
42	-	Fuse 41 on fuse holder C -SC42-	20A	-	Trailer detector control unit -J345-	30a
43	-	Fuse 43 on fuse holder C -SC43-	25A	-	Sliding sunroof adjustment control unit -J245-	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
44	-	Fuse 44 on fuse holder C -SC44-	25A	-	Control unit for electromechanical parking brake -J540-	30a
45	-	Fuse 45 on fuse holder C -SC45-	25A	-	Fresh air blower relay -J13- Heated rear window relay -J9-	30a
46	-	Fuse 46 on fuse holder C -SC46-	30A	-	Driver door control unit -J386- Rear left door control unit -J388-	30a
47	-	Fuse 47 on fuse holder C -SC47-	30A	-	Front passenger door control unit -J387- Rear right door control unit -J389-	30a
48	-	Fuse 48 on fuse holder C -SC48-	20A	-	Fuel pump relay -J17-	30a
49	-	Fuse 49 on fuse holder C -SC49-	20A	-	Onboard supply control unit -J519- ◆ Kl.30_P	30a
50	-	Fuse 50 on fuse holder C -SC50-	25A	-	Control unit for electromechanical parking brake -J540-	30a
51	-	Fuse 51 on fuse holder C -SC51-	40A	-	Fresh air blower control unit -J126-	30a
52	-	Fuse 52 on fuse holder C -SC52-	20A	-	Heated front seats control unit -J774-	30a
53	-	Fuse 53 on fuse holder C -SC53-	30A	-	Fuse 38 on fuse holder C -SC38- Fuse 39 on fuse holder C -SC39-	30a
54	-	Fuse 54 on fuse holder C -SC54-	30A	-	DC/AC converter with socket, 12 V - 230 V -U13-	30a
55	-	Fuse 55 on fuse holder C -SC55-	15A	-	Driver seat lumbar support adjustment switch -E176-	30a
56	-	Fuse 56 on fuse holder C -SC56-	15A	-	Electronically controlled damping control unit -J250-	30a
57	-	Fuse 57 on fuse holder C -SC57-	25A	-	Sunroof roller blind control unit -J394-	30a
58	-	Fuse 58 on fuse holder C -SC58-	10A	-	Towing bracket locked warning lamp -K226-	30a
59	-	Fuse 59 on fuse holder C -SC59-	20A	-	Control unit with display for radio and navigation -J503-	30a
60	-	Fuse 60 on fuse holder C -SC60-	-	-	not assigned	-

[1)]Only models with dual clutch gearbox (DSG)

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1.24 Fuse assignment (SC) on fuse holder C, from November 2011

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	-	-	-Vacant	-
2	-	Fuse 2 on fuse holder C -SC2-	-	-	-Vacant	-
3	-	Fuse 3 on fuse holder C -SC3-	-	-	-Vacant	-

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
4	-	Fuse 4 on fuse holder C -SC4-	-	-	-Vacant	-
5	-	Fuse 5 on fuse holder C -SC5-	-	-	-Vacant	-
6	-	Fuse 6 on fuse holder C -SC6-	-	-	-Vacant	-
7	-	Fuse 7 on fuse holder C -SC7-	-	-	-Vacant	-
8	-	Fuse 8 on fuse holder C -SC8-	-	-	-Vacant	-
9	-	Fuse 9 on fuse holder C -SC9-	5A	-	Airbag control unit -J234- Front passenger airbag deactivated warning lamp -K145-	15a
10	-	Fuse 10 on fuse holder C -SC10-	10A	-	All-wheel drive control unit -J492-	15a
11	-	Fuse 11 on fuse holder C -SC11-	5A	-	Park assist steering control unit -J791- Parking aid control unit -J446-	15a
12	-	Fuse 12 on fuse holder C -SC12-	10A	-	Left gas discharge bulb control unit -J343-	15a
13	-	Fuse 13 on fuse holder C -SC13-	5A	-	High-pressure sender -G65- Automatic anti-dazzle interior mirror -Y7- Reversing light switch -F4- Left washer jet heater element -Z20- Right washer jet heater element -Z21- Auto-hold button -E540- Auto-hold warning lamp -K237- Seat occupied recognition control unit -J706- Front camera for driver assist systems -R242- Oil level and oil temperature sender -G266- TCS and ESP button -E256- Driving program button -E598-	15a
14	-	Fuse 14 on fuse holder C -SC14-	5A	-	Power steering control unit -J500- Control unit for vehicle location system -J895- Starter relay 1 -J906- Starter relay 2 -J907- Electronically controlled damping control unit -J250- Trailer detector control unit -J345- Tiptronic switch -F189- Data bus diagnostic interface -J533- Control unit in dash panel insert -J285- Heater control unit -J162- Light switch -E1- Engine control unit -J623- ABS control unit -J104-	15a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
15	-	Fuse 15 on fuse holder C -SC15-	10A	-	Auxiliary heater operation relay -J485- Voltage stabilizer -J532- Control unit for cornering light and headlight range control -J745- Air mass meter -G70- Diagnostic connection -U31- Control unit for electromechanical parking brake -J540- Switch and instrument illumination regulator -E20- Heater element for crankcase breather -N79- Left headlight range control motor -V48- Right headlight range control motor -V49-	15a
16	-	Fuse 16 on fuse holder C -SC16-	10A	-	Right gas discharge bulb control unit -J344-	15a
17	-	Fuse 17 on fuse holder C -SC17-	5A	-	Control unit in dash panel insert -J285-	30a
18	-	Fuse 18 on fuse holder C -SC18-	5A	-	Mobile telephone operating electronics control unit -J412- Multimedia system control unit -J650- Magnetic field sender for compass -G197-	30a
19	-	Fuse 19 on fuse holder C -SC19-	7.5A	-	Steering column electronics control unit -J527-	30a
20	-	Fuse 20 on fuse holder C -SC20-	7.5A	-	Tyre Pressure Monitoring System control unit -J502- Remote control receiver for auxiliary coolant heater -R149- Heated rear window relay -J9- Dual tone horn relay -J4- ABS control unit -J104- Tiptronic switch -F189- Automatic gearbox control unit -J217- Air conditioning system control unit -J301- Climatronic control unit -J255- Heater control unit -J162- Fuse 58 on fuse holder C -SC58-	30a
21	-	Fuse 21 on fuse holder C -SC21-	10A	-	Onboard supply control unit -J519- Windscreen and rear window washer pump -V59- ◆ KI.30_ZV Front passenger door control unit -J387- Rear right door control unit -J389-	30a
22	-	Fuse 22 on fuse holder C -SC22-	5A	-	Onboard supply control unit -J519- ◆ KI.30_DWA Alarm horn -H12- Interior monitoring sensor -G273-	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
23	-	Fuse 23 on fuse holder C -SC23-	10A	-	Rain and light sensor -G397- Light switch -E1- Control unit for vehicle location system -J895- Entry and start authorisation control unit -J518- Reversing camera system control unit -J772- Magnetic field sender for compass -G197- Electromechanical parking brake button -E538- Diagnostic connection -U31-	30a
24	-	Fuse 24 on fuse holder C -SC24-	10A	-	Driver door control unit -J386- Rear left door control unit -J388-	30a
25	-	Fuse 25 on fuse holder C -SC25-	5A[1)] 20A	-	Multifunction switch -F125- Automatic gearbox control unit -J217- Mechatronic unit for dual clutch gearbox -J743-	15a
26	-	Fuse 26 on fuse holder C -SC26-	-	-	not assigned	-
27	-	Fuse 27 on fuse holder C -SC27-	-	-	not assigned	-
28	-	Fuse 28 on fuse holder C -SC28-	40A	-	Auxiliary heater operation relay -J485- Heater control unit -J162- Air conditioning system control unit -J301-	75a
29	-	Fuse 29 on fuse holder C -SC29-	15A	-	Rear window wiper motor -V12-	75a
30	-	Fuse 30 on fuse holder C -SC30-	-	-	not assigned	75a
31	-	Fuse 31 on fuse holder C -SC31-	20A	-	Blocking diode -J29- Cigarette lighter -U1- 12 V socket -U5- 12 V socket 2 -U18- 12 V socket 3 -U19-	75a
32	-	Fuse 32 on fuse holder C -SC32-	-	-	not assigned	-
33	-	Fuse 33 on fuse holder C -SC33-	-	-	not assigned	-
34	-	Fuse 34 on fuse holder C -SC34-	-	-	not assigned	-
35	-	Fuse 35 on fuse holder C -SC35-	-	-	not assigned	-
36	-	Fuse 36 on fuse holder C -SC36-	-	-	not assigned	-
37	-	Fuse 37 on fuse holder C -SC37-	-	-	not assigned	-
38	-	Fuse 38 on fuse holder C -SC38-	10A	-	Control unit for electronic steering column lock -J764-	30a
39	-	Fuse 39 on fuse holder C -SC39-	20A	-	Headlight washer system relay -J39-	30a
40	-	Fuse 40 on fuse holder C -SC40-	15A	-	Trailer detector control unit -J345-	30a
41	-	Fuse 41 on fuse holder C -SC41-	15A	-	Trailer detector control unit -J345-	30a
42	-	Fuse 41 on fuse holder C -SC42-	20A	-	Trailer detector control unit -J345-	30a
43	-	Fuse 43 on fuse holder C -SC43-	25A	-	Sliding sunroof adjustment control unit -J245-	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
44	-	Fuse 44 on fuse holder C -SC44-	25A	-	Control unit for electromechanical parking brake -J540-	30a
45	-	Fuse 45 on fuse holder C -SC45-	25A	-	Fresh air blower relay -J13- Heated rear window relay -J9-	30a
46	-	Fuse 46 on fuse holder C -SC46-	30A	-	Driver door control unit -J386- Rear left door control unit -J388-	30a
47	-	Fuse 47 on fuse holder C -SC47-	30A	-	Front passenger door control unit -J387- Rear right door control unit -J389-	30a
48	-	Fuse 48 on fuse holder C -SC48-	20A	-	Fuel pump relay -J17-	30a
49	-	Fuse 49 on fuse holder C -SC49-	20A	-	Onboard supply control unit -J519- ◆ Kl.30_P	30a
50	-	Fuse 50 on fuse holder C -SC50-	25A	-	Control unit for electromechanical parking brake -J540-	30a
51	-	Fuse 51 on fuse holder C -SC51-	40A	-	Fresh air blower control unit -J126-	30a
52	-	Fuse 52 on fuse holder C -SC52-	20A	-	Heated front seats control unit -J774-	30a
53	-	Fuse 53 on fuse holder C -SC53-	30A	-	Fuse 38 on fuse holder C -SC38- Fuse 39 on fuse holder C -SC39-	30a
54	-	Fuse 54 on fuse holder C -SC54-	30A	-	DC/AC converter with socket, 12 V - 230 V -U13-	30a
55	-	Fuse 55 on fuse holder C -SC55-	15A	-	Driver seat lumbar support adjustment switch -E176-	30a
56	-	Fuse 56 on fuse holder C -SC56-	15A	-	Electronically controlled damping control unit -J250-	30a
57	-	Fuse 57 on fuse holder C -SC57-	25A	-	Sunroof roller blind control unit -J394-	30a
58	-	Fuse 58 on fuse holder C -SC58-	1A	-	Towing bracket locked warning lamp -K226-	30a
59	-	Fuse 59 on fuse holder C -SC59-	20A	-	Control unit with display for radio and navigation -J503-	30a
60	-	Fuse 60 on fuse holder C -SC60-	-	-	not assigned	-

[1)]Only models with dual clutch gearbox (DSG)

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1.25 Fuse assignment (SC) on fuse holder C, from May 2012

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	-	-	-Vacant	-
2	-	Fuse 2 on fuse holder C -SC2-	-	-	-Vacant	-
3	-	Fuse 3 on fuse holder C -SC3-	-	-	-Vacant	-

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
4	-	Fuse 4 on fuse holder C -SC4-	-	-	-Vacant	-
5	-	Fuse 5 on fuse holder C -SC5-	-	-	-Vacant	-
6	-	Fuse 6 on fuse holder C -SC6-	-	-	-Vacant	-
7	-	Fuse 7 on fuse holder C -SC7-	-	-	-Vacant	-
8	-	Fuse 8 on fuse holder C -SC8-	-	-	-Vacant	-
9	-	Fuse 9 on fuse holder C -SC9-	5A	-	Airbag control unit -J234- Front passenger airbag deactivated warning lamp -K145-	15a
10	-	Fuse 10 on fuse holder C -SC10-	10A	-	All-wheel drive control unit -J492-	15a
11	-	Fuse 11 on fuse holder C -SC11-	5A	-	Park assist steering control unit -J791- Parking aid control unit -J446-	15a
12	-	Fuse 12 on fuse holder C -SC12-	10A	-	Left gas discharge bulb control unit -J343-	15a
13	-	Fuse 13 on fuse holder C -SC13-	5A	-	High-pressure sender -G65- Automatic anti-dazzle interior mirror -Y7- Reversing light switch -F4- Left washer jet heater element -Z20- Right washer jet heater element -Z21- Auto-hold button -E540- Auto-hold warning lamp -K237- Seat occupied recognition control unit -J706- Front camera for driver assist systems -R242- Oil level and oil temperature sender -G266- TCS and ESP button -E256- Driving program button -E598- Air quality sensor -G238-	15a
14	-	Fuse 14 on fuse holder C -SC14-	5A	-	Power steering control unit -J500- Control unit for vehicle location system -J895- Starter relay 1 -J906- Starter relay 2 -J907- Electronically controlled damping control unit -J250- Trailer detector control unit -J345- Tiptronic switch -F189- Data bus diagnostic interface -J533- Control unit in dash panel insert -J285- Heater control unit -J162- Light switch -E1- Engine control unit -J623- ABS control unit -J104-	15a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
15	-	Fuse 15 on fuse holder C -SC15-	10A	-	Auxiliary heater operation relay -J485- Voltage stabilizer -J532- Control unit for cornering light and headlight range control -J745- Air mass meter -G70- Diagnostic connection -U31- Control unit for electromechanical parking brake -J540- Switch and instrument illumination regulator -E20- Heater element for crankcase breather -N79- Left headlight range control motor -V48- Right headlight range control motor -V49-	15a
16	-	Fuse 16 on fuse holder C -SC16-	10A	-	Right gas discharge bulb control unit -J344-	15a
17	-	Fuse 17 on fuse holder C -SC17-	5A	-	Control unit in dash panel insert -J285-	30a
18	-	Fuse 18 on fuse holder C -SC18-	5A	-	Mobile telephone operating electronics control unit -J412- Multimedia system control unit -J650- Magnetic field sender for compass -G197-	30a
19	-	Fuse 19 on fuse holder C -SC19-	7.5A	-	Steering column electronics control unit -J527-	30a
20	-	Fuse 20 on fuse holder C -SC20-	5A	-	Tyre Pressure Monitoring System control unit -J502- Remote control receiver for auxiliary coolant heater -R149- Heated rear window relay -J9- Dual tone horn relay -J4- ABS control unit -J104- Tiptronic switch -F189- Automatic gearbox control unit -J217- Air conditioning system control unit -J301- Climatronic control unit -J255- Heater control unit -J162- Fuse 58 on fuse holder C -SC58-	30a
21	-	Fuse 21 on fuse holder C -SC21-	10A	-	Onboard supply control unit -J519- (T52b/1) Windscreen and rear window washer pump -V59- ◆ Kl.30_ZV Front passenger door control unit -J387- Rear right door control unit -J389-	30a
22	-	Fuse 22 on fuse holder C -SC22-	5A	-	Onboard supply control unit -J519- (T52c/1) ◆ Kl.30_DWA Alarm horn -H12- Interior monitoring sensor -G273-	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
23	-	Fuse 23 on fuse holder C -SC23-	10A	-	Rain and light sensor -G397- Light switch -E1- Control unit for vehicle location system -J895- Entry and start authorisation control unit -J518- Reversing camera system control unit -J772- Magnetic field sender for compass -G197- Electromechanical parking brake button -E538- Diagnostic connection -U31-	30a
24	-	Fuse 24 on fuse holder C -SC24-	10A	-	Driver door control unit -J386- Rear left door control unit -J388-	30a
25	-	Fuse 25 on fuse holder C -SC25-	5A [1)] 20A	-	Multifunction switch -F125- Automatic gearbox control unit -J217- Mechatronic unit for dual clutch gearbox -J743- Tiptronic switch -F189-	15a
26	-	Fuse 26 on fuse holder C -SC26-	-	-	not assigned	-
27	-	Fuse 27 on fuse holder C -SC27-	-	-	not assigned	-
28	-	Fuse 28 on fuse holder C -SC28-	40A	-	Auxiliary heater operation relay -J485- Heater control unit -J162- Air conditioning system control unit -J301-	75a
29	-	Fuse 29 on fuse holder C -SC29-	15A	-	Rear window wiper motor -V12-	75a
30	-	Fuse 30 on fuse holder C -SC30-	-	-	not assigned	75a
31	-	Fuse 31 on fuse holder C -SC31-	20A	-	Blocking diode -J29- Cigarette lighter -U1- 12 V socket -U5- 12 V socket 2 -U18- 12 V socket 3 -U19-	75a
32	-	Fuse 32 on fuse holder C -SC32-	-	-	not assigned	-
33	-	Fuse 33 on fuse holder C -SC33-	-	-	not assigned	-
34	-	Fuse 34 on fuse holder C -SC34-	-	-	not assigned	-
35	-	Fuse 35 on fuse holder C -SC35-	-	-	not assigned	-
36	-	Fuse 36 on fuse holder C -SC36-	-	-	not assigned	-
37	-	Fuse 37 on fuse holder C -SC37-	-	-	not assigned	-
38	-	Fuse 38 on fuse holder C -SC38-	10A	-	Control unit for electronic steering column lock -J764-	30a
39	-	Fuse 39 on fuse holder C -SC39-	20A	-	Headlight washer system relay -J39- Headlight washer system pump -V11-	30a
40	-	Fuse 40 on fuse holder C -SC40-	15A	-	Trailer detector control unit -J345-	30a
41	-	Fuse 41 on fuse holder C -SC41-	15A	-	Trailer detector control unit -J345-	30a
42	-	Fuse 41 on fuse holder C -SC42-	20A	-	Trailer detector control unit -J345-	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
43	-	Fuse 43 on fuse holder C -SC43-	25A	-	Sliding sunroof adjustment control unit -J245-	30a
44	-	Fuse 44 on fuse holder C -SC44-	25A	-	Control unit for electromechanical parking brake -J540-	30a
45	-	Fuse 45 on fuse holder C -SC45-	25A	-	Fresh air blower relay -J13- Heated rear window relay -J9-	30a
46	-	Fuse 46 on fuse holder C -SC46-	30A	-	Driver door control unit -J386- Rear left door control unit -J388-	30a
47	-	Fuse 47 on fuse holder C -SC47-	30A	-	Front passenger door control unit -J387- Rear right door control unit -J389-	30a
48	-	Fuse 48 on fuse holder C -SC48-	20A	-	Fuel pump relay -J17- Fuel pump control unit -J538-	30a
49	-	Fuse 49 on fuse holder C -SC49-	20A	-	Onboard supply control unit -J519- (T52b/42) ◆ Kl.30_P	30a
50	-	Fuse 50 on fuse holder C -SC50-	25A	-	Control unit for electromechanical parking brake -J540-	30a
51	-	Fuse 51 on fuse holder C -SC51-	40A	-	Fresh air blower control unit -J126-	30a
52	-	Fuse 52 on fuse holder C -SC52-	30A	-	Heated front seats control unit -J774-	30a
53	-	Fuse 53 on fuse holder C -SC53-	30A	-	Fuse 38 on fuse holder C -SC38- Fuse 39 on fuse holder C -SC39-	30a
54	-	Fuse 54 on fuse holder C -SC54-	30A	-	DC/AC converter with socket, 12 V - 230 V -U13-	30a
55	-	Fuse 55 on fuse holder C -SC55-	15A	-	Driver seat lumbar support adjustment switch -E176- Front passenger seat lumbar support adjustment switch -E177-	30a
56	-	Fuse 56 on fuse holder C -SC56-	15A	-	Electronically controlled damping control unit -J250-	30a
57	-	Fuse 57 on fuse holder C -SC57-	25A	-	Sunroof roller blind control unit -J394-	30a
58	-	Fuse 58 on fuse holder C -SC58-	1A	-	Towing bracket locked warning lamp -K226-	30a
59	-	Fuse 59 on fuse holder C -SC59-	20A	-	Control unit with display for radio and navigation -J503- Control unit for navigation system -J856-	30a
60	-	Fuse 60 on fuse holder C -SC60-	-	-	not assigned	-

[1)]Only models with dual clutch gearbox (DSG)

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1.26 Fuse assignment (SC) on fuse holder C, from May 2013

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	-	-	-Vacant	-
2	-	Fuse 2 on fuse holder C -SC2-	-	-	-Vacant	-
3	-	Fuse 3 on fuse holder C -SC3-	-	-	-Vacant	-
4	-	Fuse 4 on fuse holder C -SC4-	-	-	-Vacant	-
5	-	Fuse 5 on fuse holder C -SC5-	-	-	-Vacant	-
6	-	Fuse 6 on fuse holder C -SC6-	-	-	-Vacant	-
7	-	Fuse 7 on fuse holder C -SC7-	-	-	-Vacant	-
8	-	Fuse 8 on fuse holder C -SC8-	-	-	-Vacant	-
9	-	Fuse 9 on fuse holder C -SC9-	5A	-	Airbag control unit -J234- Front passenger airbag deactivated warning lamp -K145-	15a
10	-	Fuse 10 on fuse holder C -SC10-	10A	-	All-wheel drive control unit -J492-	15a
11	-	Fuse 11 on fuse holder C -SC11-	5A	-	Park assist steering control unit -J791- Parking aid control unit -J446-	15a
12	-	Fuse 12 on fuse holder C -SC12-	10A	-	Left gas discharge bulb control unit -J343-	15a
13	-	Fuse 13 on fuse holder C -SC13-	5A	-	High-pressure sender -G65- Automatic anti-dazzle interior mirror -Y7- Reversing light switch -F4- Left washer jet heater element -Z20- Right washer jet heater element -Z21- Auto-hold button -E540- Auto-hold warning lamp -K237- Seat occupied recognition control unit -J706- Front camera for driver assist systems -R242- Oil level and oil temperature sender -G266- TCS and ESP button -E256- Driving program button -E598- Air quality sensor -G238-	15a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
14	-	Fuse 14 on fuse holder C -SC14-	5A	-	Power steering control unit -J500- Control unit for vehicle location system -J895- Starter relay 1 -J906- Starter relay 2 -J907- Electronically controlled damping control unit -J250- Trailer detector control unit -J345- Tiptronic switch -F189- Data bus diagnostic interface -J533- Control unit in dash panel insert -J285- Heater control unit -J162- Light switch -E1- Engine control unit -J623- ABS control unit -J104-	15a
15	-	Fuse 15 on fuse holder C -SC15-	10A	-	Auxiliary heater operation relay -J485- Voltage stabilizer -J532- Control unit for cornering light and headlight range control -J745- Air mass meter -G70- Diagnostic connection -U31- Control unit for electromechanical parking brake -J540- Switch and instrument illumination regulator -E20- Heater element for crankcase breather -N79- Left headlight range control motor -V48- Right headlight range control motor -V49-	15a
16	-	Fuse 16 on fuse holder C -SC16-	10A	-	Right gas discharge bulb control unit -J344-	15a
17	-	Fuse 17 on fuse holder C -SC17-	5A	-	Control unit in dash panel insert -J285-	30a
18	-	Fuse 18 on fuse holder C -SC18-	5A	-	Mobile telephone operating electronics control unit -J412- Multimedia system control unit -J650- Control unit 1 for information electronics -J794- Magnetic field sender for compass -G197-	30a
19	-	Fuse 19 on fuse holder C -SC19-	7.5A	-	Steering column electronics control unit -J527-	30a
20	-	Fuse 20 on fuse holder C -SC20-	5A	-	Tyre Pressure Monitoring System control unit -J502- Remote control receiver for auxiliary coolant heater -R149- Heated rear window relay -J9- Dual tone horn relay -J4- ABS control unit -J104- Tiptronic switch -F189- Automatic gearbox control unit -J217- Air conditioning system control unit -J301- Climatronic control unit -J255- Heater control unit -J162- Fuse 58 on fuse holder C -SC58-	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
21	-	Fuse 21 on fuse holder C -SC21-	10A	-	Onboard supply control unit -J519- (T52b/1) Windscreen and rear window washer pump -V59- ◆ KI.30_ZV Front passenger door control unit -J387- Rear right door control unit -J389-	30a
22	-	Fuse 22 on fuse holder C -SC22-	5A	-	Onboard supply control unit -J519- (T52c/1) ◆ KI.30_DWA Alarm horn -H12- Interior monitoring sensor -G273-	30a
23	-	Fuse 23 on fuse holder C -SC23-	10A	-	Rain and light sensor -G397- Light switch -E1- Control unit for vehicle location system -J895- Entry and start authorisation control unit -J518- Reversing camera system control unit -J772- Magnetic field sender for compass -G197- Electromechanical parking brake button -E538- Diagnostic connection -U31-	30a
24	-	Fuse 24 on fuse holder C -SC24-	10A	-	Driver door control unit -J386- Rear left door control unit -J388-	30a
25	-	Fuse 25 on fuse holder C -SC25-	5A[1)] 20A	-	Multifunction switch -F125- Automatic gearbox control unit -J217- Mechatronic unit for dual clutch gearbox -J743- Tiptronic switch -F189-	15a
26	-	Fuse 26 on fuse holder C -SC26-	-	-	not assigned	-
27	-	Fuse 27 on fuse holder C -SC27-	-	-	not assigned	-
28	-	Fuse 28 on fuse holder C -SC28-	40A	-	Auxiliary heater operation relay -J485- Heater control unit -J162- Air conditioning system control unit -J301-	75a
29	-	Fuse 29 on fuse holder C -SC29-	15A	-	Rear window wiper motor -V12-	75a
30	-	Fuse 30 on fuse holder C -SC30-	-	-	not assigned	75a
31	-	Fuse 31 on fuse holder C -SC31-	20A	-	Blocking diode -J29- Cigarette lighter -U1- 12 V socket -U5- 12 V socket 2 -U18- 12 V socket 3 -U19-	75a
32	-	Fuse 32 on fuse holder C -SC32-	-	-	not assigned	-
33	-	Fuse 33 on fuse holder C -SC33-	-	-	not assigned	-
34	-	Fuse 34 on fuse holder C -SC34-	-	-	not assigned	-
35	-	Fuse 35 on fuse holder C -SC35-	-	-	not assigned	-

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
36	-	Fuse 36 on fuse holder C -SC36-	-	-	not assigned	-
37	-	Fuse 37 on fuse holder C -SC37-	-	-	not assigned	-
38	-	Fuse 38 on fuse holder C -SC38-	10A	-	Control unit for electronic steering column lock -J764-	30a
39	-	Fuse 39 on fuse holder C -SC39-	20A	-	Headlight washer system relay -J39- Headlight washer system pump -V11-	30a
40	-	Fuse 40 on fuse holder C -SC40-	15A	-	Trailer detector control unit -J345-	30a
41	-	Fuse 41 on fuse holder C -SC41-	15A	-	Trailer detector control unit -J345-	30a
42	-	Fuse 41 on fuse holder C -SC42-	20A	-	Trailer detector control unit -J345-	30a
43	-	Fuse 43 on fuse holder C -SC43-	25A	-	Sliding sunroof adjustment control unit -J245-	30a
44	-	Fuse 44 on fuse holder C -SC44-	25A	-	Control unit for electromechanical parking brake -J540-	30a
45	-	Fuse 45 on fuse holder C -SC45-	25A	-	Fresh air blower relay -J13- Heated rear window relay -J9-	30a
46	-	Fuse 46 on fuse holder C -SC46-	30A	-	Driver door control unit -J386- Rear left door control unit -J388-	30a
47	-	Fuse 47 on fuse holder C -SC47-	30A	-	Front passenger door control unit -J387- Rear right door control unit -J389-	30a
48	-	Fuse 48 on fuse holder C -SC48-	20A	-	Fuel pump relay -J17- Fuel pump control unit -J538-	30a
49	-	Fuse 49 on fuse holder C -SC49-	20A	-	Onboard supply control unit -J519- (T52b/42) ♦ Kl.30_P	30a
50	-	Fuse 50 on fuse holder C -SC50-	25A	-	Control unit for electromechanical parking brake -J540-	30a
51	-	Fuse 51 on fuse holder C -SC51-	40A	-	Fresh air blower control unit -J126-	30a
52	-	Fuse 52 on fuse holder C -SC52-	30A	-	Heated front seats control unit -J774-	30a
53	-	Fuse 53 on fuse holder C -SC53-	30A	-	Fuse 38 on fuse holder C -SC38- Fuse 39 on fuse holder C -SC39-	30a
54	-	Fuse 54 on fuse holder C -SC54-	30A	-	DC/AC converter with socket, 12 V - 230 V -U13-	30a
55	-	Fuse 55 on fuse holder C -SC55-	15A	-	Driver seat lumbar support adjustment switch -E176- Front passenger seat lumbar support adjustment switch -E177-	30a
56	-	Fuse 56 on fuse holder C -SC56-	15A	-	Electronically controlled damping control unit -J250-	30a
57	-	Fuse 57 on fuse holder C -SC57-	25A	-	Sunroof roller blind control unit -J394-	30a
58	-	Fuse 58 on fuse holder C -SC58-	1A	-	Towing bracket locked warning lamp -K226-	30a
59	-	Fuse 59 on fuse holder C -SC59-	20A	-	Control unit with display for radio and navigation -J503- Control unit for navigation system -J856- Emergency call module control unit and communication unit -J949- [2]	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
60	-	Fuse 60 on fuse holder C -SC60-	-	-	not assigned	-

1)Only models with dual clutch gearbox (DSG)

2)Only models with start/stop system

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1.27 Fuse assignment (SC) on fuse holder C, from November 2014

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	-	-	-Vacant	-
2	-	Fuse 2 on fuse holder C -SC2-	-	-	-Vacant	-
3	-	Fuse 3 on fuse holder C -SC3-	-	-	-Vacant	-
4	-	Fuse 4 on fuse holder C -SC4-	-	-	-Vacant	-
5	-	Fuse 5 on fuse holder C -SC5-	-	-	-Vacant	-
6	-	Fuse 6 on fuse holder C -SC6-	-	-	-Vacant	-
7	-	Fuse 7 on fuse holder C -SC7-	-	-	-Vacant	-
8	-	Fuse 8 on fuse holder C -SC8-	-	-	-Vacant	-
9	-	Fuse 9 on fuse holder C -SC9-	5A	-	Airbag control unit -J234- Front passenger airbag deactivated warning lamp -K145-	15a
10	-	Fuse 10 on fuse holder C -SC10-	10A	-	All-wheel drive control unit -J492-	15a
11	-	Fuse 11 on fuse holder C -SC11-	5A	-	Park assist steering control unit -J791- Parking aid control unit -J446-	15a
12	-	Fuse 12 on fuse holder C -SC12-	10A	-	Left gas discharge bulb control unit -J343-	15a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
13	-	Fuse 13 on fuse holder C -SC13-	5A	-	High-pressure sender -G65- Automatic anti-dazzle interior mirror -Y7- Reversing light switch -F4- Left washer jet heater element -Z20- Right washer jet heater element -Z21- Auto-hold button -E540- Auto-hold warning lamp -K237- Seat occupied recognition control unit -J706- Front camera for driver assist systems -R242- Oil level and oil temperature sender -G266- TCS and ESP button -E256- Driving program button -E598- Air quality sensor -G238-	15a
14	-	Fuse 14 on fuse holder C -SC14-	5A	-	Power steering control unit -J500- Control unit for vehicle location system -J895- Starter relay 1 -J906- Starter relay 2 -J907- Electronically controlled damping control unit -J250- Trailer detector control unit -J345- Tiptronic switch -F189- Data bus diagnostic interface -J533- Control unit in dash panel insert -J285- Heater control unit -J162- Light switch -E1- Engine control unit -J623- ABS control unit -J104-	15a
15	-	Fuse 15 on fuse holder C -SC15-	10A	-	Auxiliary heater operation relay -J485- Voltage stabilizer -J532- Control unit for cornering light and headlight range control -J745- Air mass meter -G70- Diagnostic connection -U31- Control unit for electromechanical parking brake -J540- Switch and instrument illumination regulator -E20- Heater element for crankcase breather -N79- Left headlight range control motor -V48- Right headlight range control motor -V49-	15a
16	-	Fuse 16 on fuse holder C -SC16-	10A	-	Right gas discharge bulb control unit -J344-	15a
17	-	Fuse 17 on fuse holder C -SC17-	5A	-	Control unit in dash panel insert -J285-	30a
18	-	Fuse 18 on fuse holder C -SC18-	5A	-	Mobile telephone operating electronics control unit -J412- Multimedia system control unit -J650- Control unit 1 for information electronics -J794- Emergency call module control unit and communication unit -J949- 1) Magnetic field sender for compass -G197-	30a
19	-	Fuse 19 on fuse holder C -SC19-	7.5A	-	Steering column electronics control unit -J527-	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
20	-	Fuse 20 on fuse holder C -SC20-	5A	-	Tyre Pressure Monitoring System control unit -J502- Remote control receiver for auxiliary coolant heater -R149- Heated rear window relay -J9- Dual tone horn relay -J4- ABS control unit -J104- Tiptronic switch -F189- Automatic gearbox control unit -J217- Air conditioning system control unit -J301- Climatronic control unit -J255- Heater control unit -J162- Fuse 58 on fuse holder C -SC58-	30a
21	-	Fuse 21 on fuse holder C -SC21-	10A	-	Onboard supply control unit -J519- (T52b/1) Windscreen and rear window washer pump -V59- ◆ KI.30_ZV Front passenger door control unit -J387- Rear right door control unit -J389-	30a
22	-	Fuse 22 on fuse holder C -SC22-	5A	-	Onboard supply control unit -J519- (T52c/1) ◆ KI.30_DWA Alarm horn -H12- Interior monitoring sensor -G273-	30a
23	-	Fuse 23 on fuse holder C -SC23-	10A	-	Rain and light sensor -G397- Light switch -E1- Control unit for vehicle location system -J895- Entry and start authorisation control unit -J518- Reversing camera system control unit -J772- Magnetic field sender for compass -G197- Electromechanical parking brake button -E538- Diagnostic connection -U31-	30a
24	-	Fuse 24 on fuse holder C -SC24-	10A	-	Driver door control unit -J386- Rear left door control unit -J388-	30a
25	-	Fuse 25 on fuse holder C -SC25-	5A[2)] 20A	-	Multifunction switch -F125- Automatic gearbox control unit -J217- Mechatronic unit for dual clutch gearbox -J743- Tiptronic switch -F189-	15a
26	-	Fuse 26 on fuse holder C -SC26-	-	-	not assigned	-
27	-	Fuse 27 on fuse holder C -SC27-	-	-	not assigned	-
28	-	Fuse 28 on fuse holder C -SC28-	40A	-	Auxiliary heater operation relay -J485- Heater control unit -J162- Air conditioning system control unit -J301-	75a
29	-	Fuse 29 on fuse holder C -SC29-	15A	-	Rear window wiper motor -V12-	75a
30	-	Fuse 30 on fuse holder C -SC30-	-	-	not assigned	75a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
31	-	Fuse 31 on fuse holder C -SC31-	20A	-	Blocking diode -J29- Cigarette lighter -U1- 12 V socket -U5- 12 V socket 2 -U18- 12 V socket 3 -U19-	75a
32	-	Fuse 32 on fuse holder C -SC32-	-	-	not assigned	-
33	-	Fuse 33 on fuse holder C -SC33-	-	-	not assigned	-
34	-	Fuse 34 on fuse holder C -SC34-	-	-	not assigned	-
35	-	Fuse 35 on fuse holder C -SC35-	-	-	not assigned	-
36	-	Fuse 36 on fuse holder C -SC36-	-	-	not assigned	-
37	-	Fuse 37 on fuse holder C -SC37-	-	-	not assigned	-
38	-	Fuse 38 on fuse holder C -SC38-	10A	-	Control unit for electronic steering column lock -J764-	30a
39	-	Fuse 39 on fuse holder C -SC39-	20A	-	Headlight washer system relay -J39- Headlight washer system pump -V11-	30a
40	-	Fuse 40 on fuse holder C -SC40-	15A	-	Trailer detector control unit -J345-	30a
41	-	Fuse 41 on fuse holder C -SC41-	15A	-	Trailer detector control unit -J345-	30a
42	-	Fuse 41 on fuse holder C -SC42-	20A	-	Trailer detector control unit -J345-	30a
43	-	Fuse 43 on fuse holder C -SC43-	25A	-	Sliding sunroof adjustment control unit -J245-	30a
44	-	Fuse 44 on fuse holder C -SC44-	25A	-	Control unit for electromechanical parking brake -J540-	30a
45	-	Fuse 45 on fuse holder C -SC45-	25A	-	Fresh air blower relay -J13- Heated rear window relay -J9-	30a
46	-	Fuse 46 on fuse holder C -SC46-	30A	-	Driver door control unit -J386- Rear left door control unit -J388-	30a
47	-	Fuse 47 on fuse holder C -SC47-	30A	-	Front passenger door control unit -J387- Rear right door control unit -J389-	30a
48	-	Fuse 48 on fuse holder C -SC48-	20A	-	Fuel pump relay -J17- Fuel pump control unit -J538-	30a
49	-	Fuse 49 on fuse holder C -SC49-	20A	-	Onboard supply control unit -J519- (T52b/42) ◆ Kl.30_P	30a
50	-	Fuse 50 on fuse holder C -SC50-	25A	-	Control unit for electromechanical parking brake -J540-	30a
51	-	Fuse 51 on fuse holder C -SC51-	40A	-	Fresh air blower control unit -J126-	30a
52	-	Fuse 52 on fuse holder C -SC52-	30A	-	Heated front seats control unit -J774-	30a
53	-	Fuse 53 on fuse holder C -SC53-	30A	-	Fuse 38 on fuse holder C -SC38- Fuse 39 on fuse holder C -SC39-	30a
54	-	Fuse 54 on fuse holder C -SC54-	30A	-	DC/AC converter with socket, 12 V - 230 V -U13-	30a

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
55	-	Fuse 55 on fuse holder C -SC55-	15A	-	Driver seat lumbar support adjustment switch -E176- Front passenger seat lumbar support adjustment switch -E177-	30a
56	-	Fuse 56 on fuse holder C -SC56-	15A	-	Electronically controlled damping control unit -J250-	30a
57	-	Fuse 57 on fuse holder C -SC57-	25A	-	Sunroof roller blind control unit -J394-	30a
58	-	Fuse 58 on fuse holder C -SC58-	1A	-	Towing bracket locked warning lamp -K226-	30a
59	-	Fuse 59 on fuse holder C -SC59-	20A	-	Control unit with display for radio and navigation -J503- Control unit for navigation system -J856-	30a
60	-	Fuse 60 on fuse holder C -SC60-	-	-	not assigned	-

1)Only models with start/stop system

2)Only models with dual clutch gearbox (DSG)

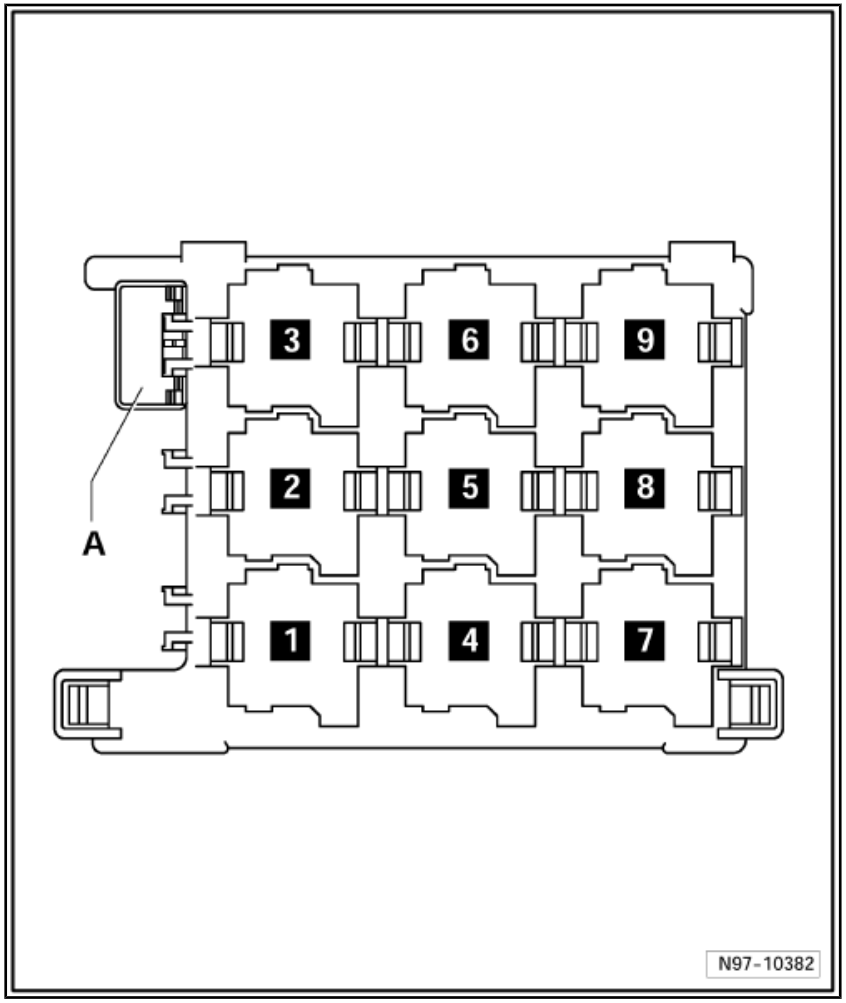
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1.28 Electric cut-out in driver's footwell

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A - Driver seat adjustment thermal fuse 1 -S44- 30A



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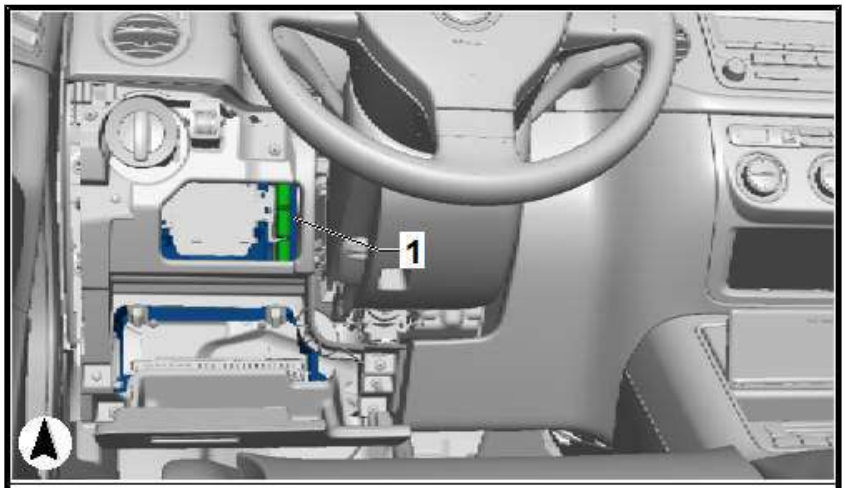
1.29 Electric cut-out in driver's footwell

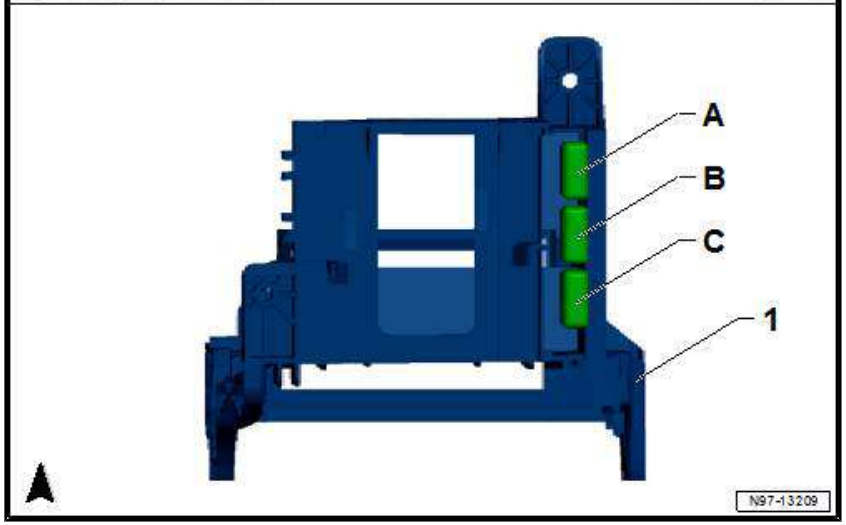
1 - Relay and fuse carrier 1 -SR1-

A - not assigned

B - Front passenger seat adjustment thermal fuse 1 -S46- 30A

C - Driver seat adjustment thermal fuse 1 -S44- 30A





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1 Relays

1.1 Overview of relay carriers

1 - Relay carrier on E-box

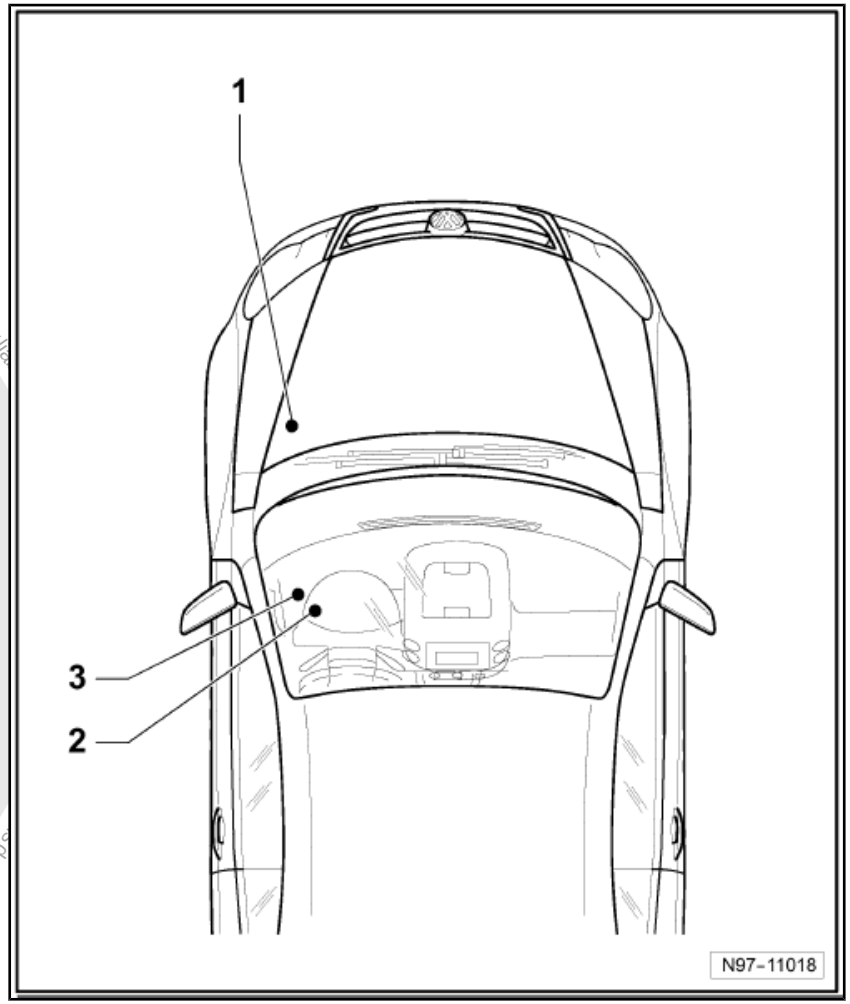
- ❑ on left in engine compartment
- ❑ Relay assignment for E-box low, from November 2007 ⇒ page 2
- ❑ Relay assignment for E-box low, from May 2011 ⇒ page 3

2 - Relay and fuse carrier 1 -SR1-

- ❑ In driver footwell
- ❑ Relay position assignment from November 2007 ⇒ page 4
- ❑ Relay assignment from May 2009 ⇒ page 5
- ❑ Relay assignment from May 2010 ⇒ page 6
- ❑ Relay assignment from May 2011 ⇒ page 7

3 - Relay and fuse carrier 2 -SR2-

- ❑ Relay position assignment from November 2007 ⇒ page 8
- ❑ Relay assignment from May 2008 ⇒ page 9
- ❑ Relay assignment from May 2009 ⇒ page 10
- ❑ Relay assignment from May 2010 ⇒ page 11
- ❑ Relay assignment from May 2011 ⇒ page 12
- ❑ Relay position assignment from November 2011 ⇒ page 13
- ❑ Relay assignment from May 2012 ⇒ page 14



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1.2 Relay assignment on E-box low, from November 2007

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1 - Main relay -J271- (100)

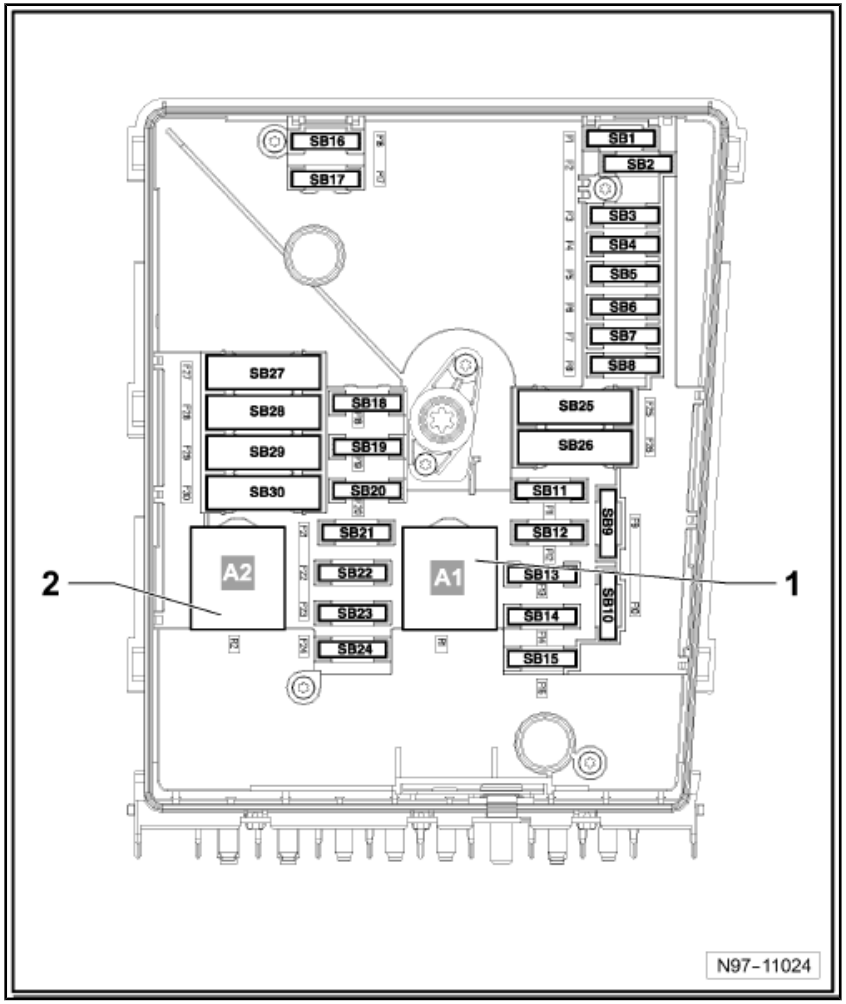
- ❑ Slot A1
- ❑ Only models with petrol engine

1 - Terminal 30 voltage supply relay -J317- - (100)

- ❑ Slot A1
- ❑ Only models with a diesel engine

2 - Engine component current supply relay -J757- - (100)

- ❑ Slot A2



1.3 Relay assignment on E-box low, from May 2011

R1 - Engine component current supply relay -J757-

- ❑ Only models with a 2.0 l petrol engine

R1 - Additional coolant pump relay -J496-

- ❑ Only models with a 1.4 l petrol engine (CAXA)

R1 - Connection bridge

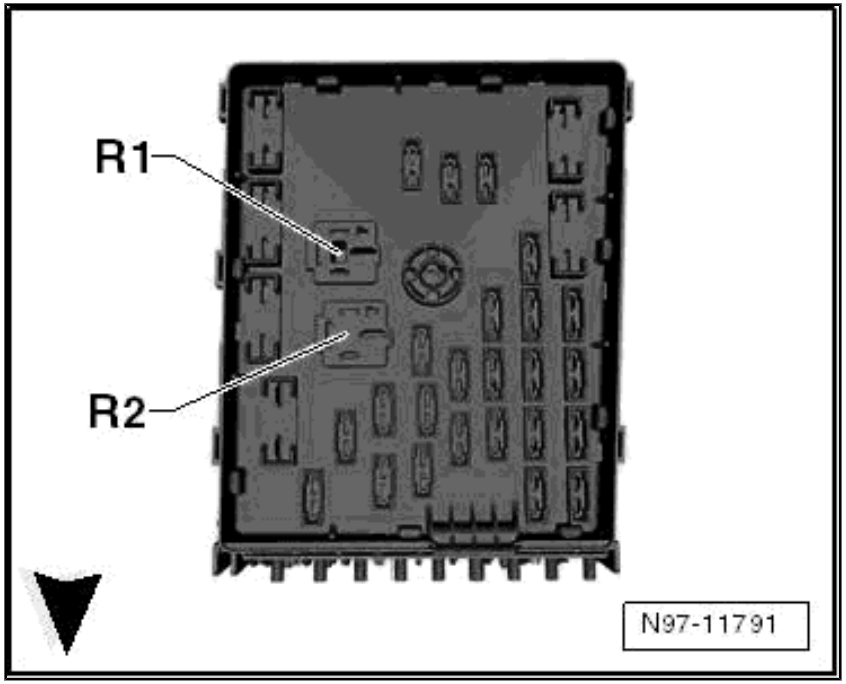
- ❑ Only models with a diesel engine

R2 - Terminal 30 voltage supply relay -J317-

- ❑ Only models with a diesel engine

R2 - Main relay -J271-

- ❑ Only models with petrol engine



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1.4 Relay assignment, relay carrier on onboard supply control unit, in driver's footwell, from November 2007

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1 - Terminal 15 voltage supply relay 2, -J681-, (460)
- ❑ Slot B1

2 - Heated exterior mirror relay -J99- (449)
- ❑ Slot B2

3 - Heated rear window relay -J9- (53)
- ❑ Slot B5

4 - Dual tone horn relay -J4- (449)
- ❑ Slot B6

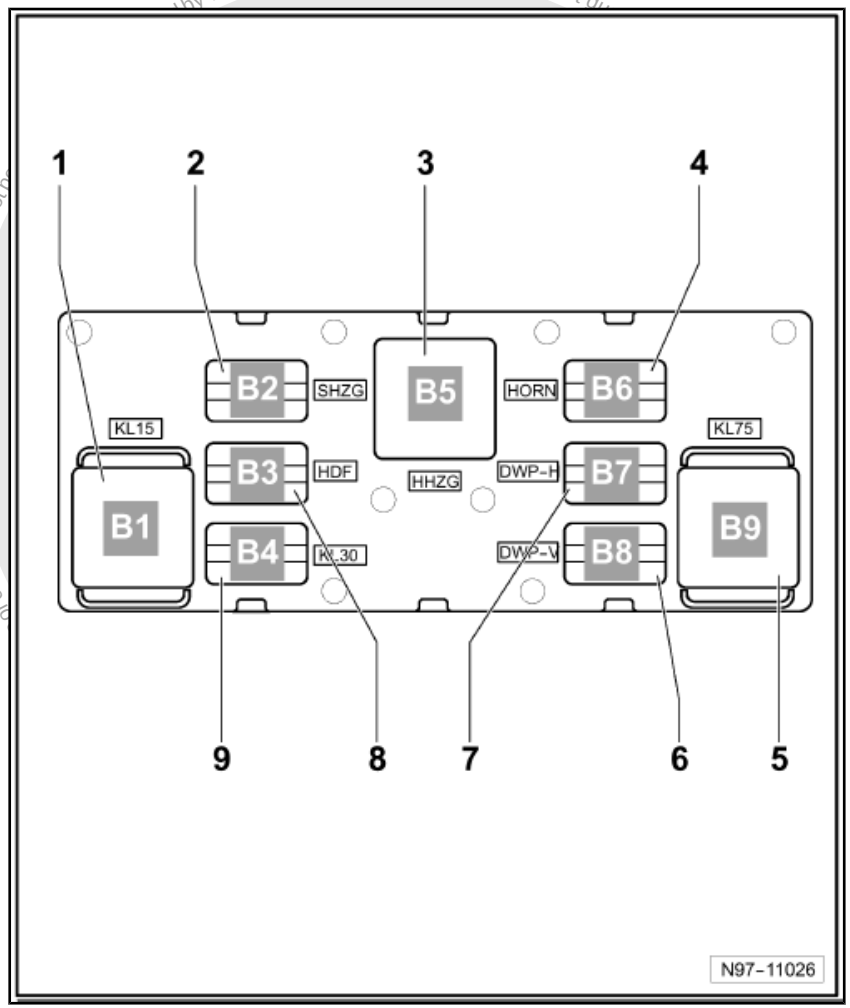
5 - X-contact relief relay -J59- (460)
- ❑ Slot B9

6 - Double washer pump relay 2 -J730- (404)
- ❑ Slot B8

7 - Double washer pump relay 1 - J729 (404)
- ❑ Slot B7

8 - Vacant
- ❑ Slot B3

9 - Terminal 30 voltage supply relay 2 - J689 (449)
- ❑ Slot B4



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1.5 Relay and fuse carrier 1 -SR1- from May 2009

D - Relay and fuse carrier 1 -SR1-

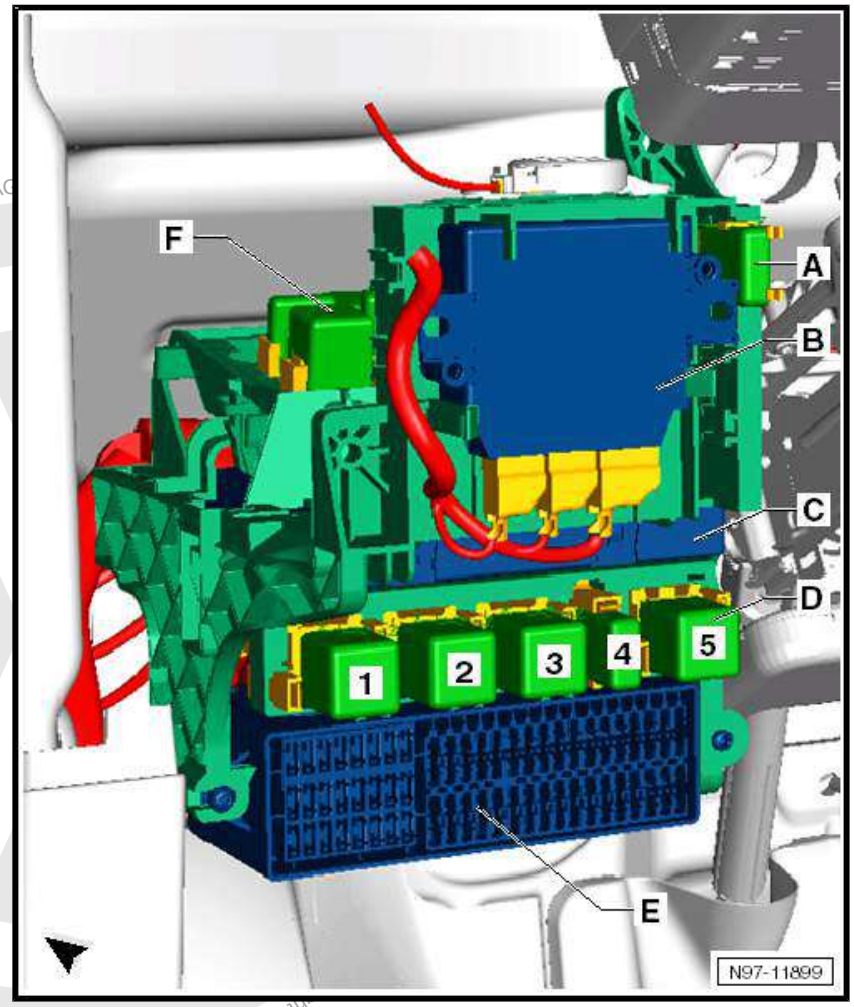
1 - Vacant

2 - Vacant

3 - Heated rear window relay -J9- (53)

4 - X-contact relief relay -J59- (53)

5 - Terminal 15 voltage supply relay 2 -J681- (643)



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1.6 Relay and fuse carrier 1 -SR1- from May 2010

D - Relay and fuse carrier 1 -SR1-

1 - High heat output relay -J360- (644)

2 - X-contact relief relay -J59- (644)

3 - Terminal 50 voltage supply relay -J682- (644)

- ❑ Depending on equipment

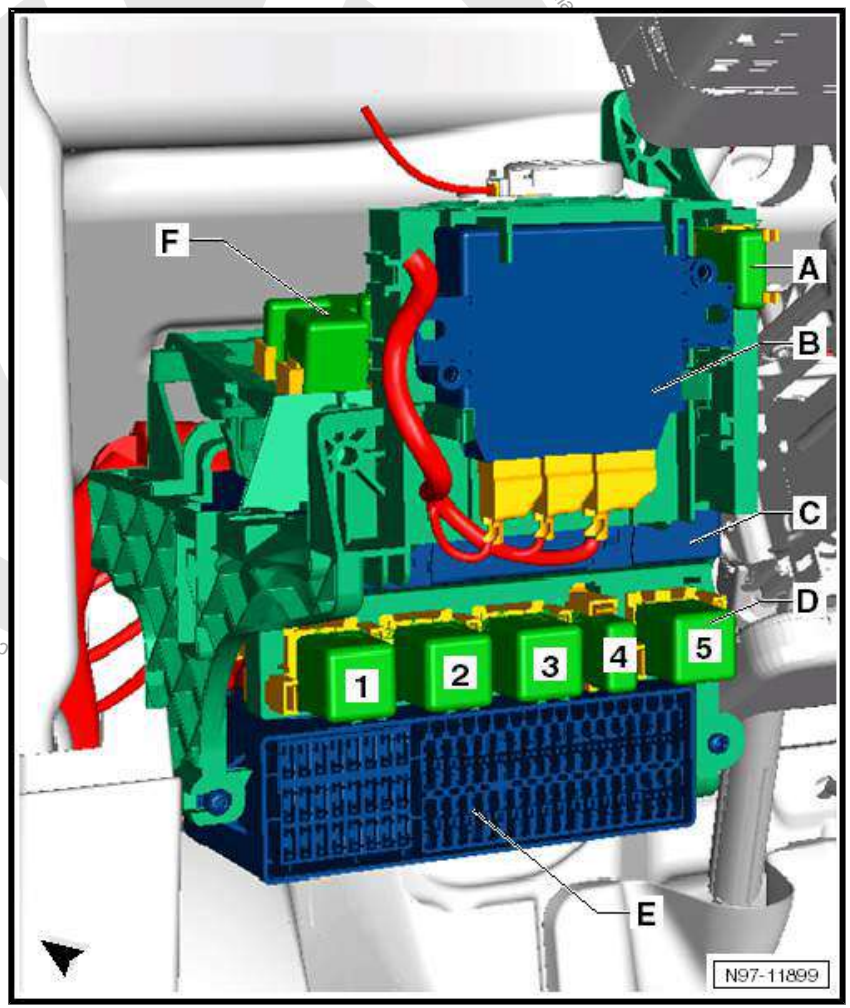
3 - Starter relay 1 -J906- (644)

- ❑ Only models with start/stop system

4 - Fresh air blower relay -J13- (646)

5 - Starter relay 2 -J907- (507)

- ❑ Only models with start/stop system



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1.7 Relay and fuse carrier 1 -SR1- from May 2011

D - Relay and fuse carrier 1 -SR1-

1 - High heat output relay -J360- (644)

2 - X-contact relief relay -J59- (644) / (645)

- ❑ Depending on equipment

3 - Terminal 50 voltage supply relay -J682- (644) / (645)

- ❑ Depending on equipment

3 - Starter relay 1 -J906- (644) / (645)

- ❑ Only models with start/stop system

4 - Fresh air blower relay -J13- (646)

- ❑ For LHD models only

4 - Fuel pump relay -J17- (646)

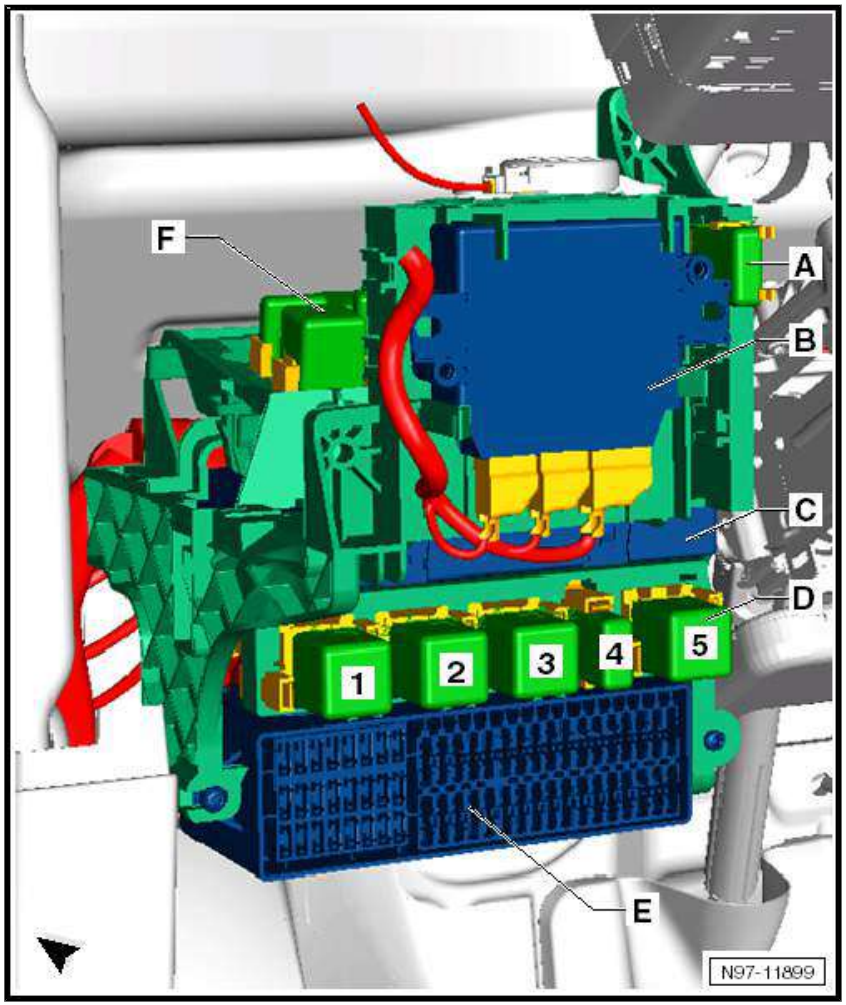
- ❑ For RHD models only

5 - Starter relay 2 -J907- (507)

- ❑ Only models with start/stop system

5 - Terminal 50 voltage supply relay -J682- (507)

- ❑ Models with entry and start authorisation but no start/stop system only



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1.8 Relay and fuse carrier 2 -SR2- , from November 2007

1 - Auxiliary heater operation relay -J485- (53)

2 - Vacant

3 - Terminal 50 voltage supply relay -J682- (53)

4 - Fresh air blower relay -J13 - (449)

5 - Alarm horn relay - J641 - (449)

5 - Headlight washer system relay -J39- (449)

6 - High heat output relay -J360- (370)

7 - Fuel pump relay -J17- (449)

7 - Additional coolant pump relay -J496- (449)

7 - Fuel pump relay for auxiliary heater -J749- (449)

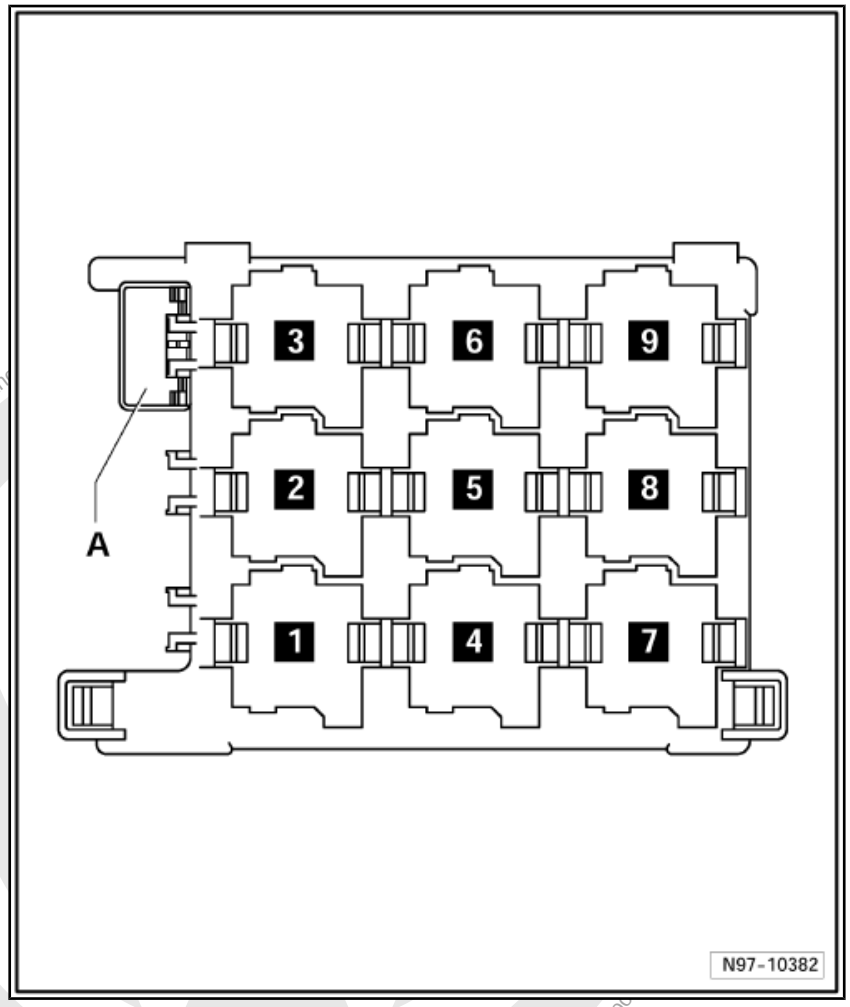
8 - Low heat output relay -J359- (53)

9 - Relay for supplementary fuel pump -J832- (449)

❑ Depending on equipment

Note

On relay slots 4, 5, 7, and 9 there are double slots for mini relays



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1.9 Relay and fuse carrier 2 -SR2- from May 2008

1 - Auxiliary heater operation relay -J485- (53)

2 - Vacant

3 - Terminal 50 voltage supply relay -J682- (53)

4 - Fresh air blower relay -J13 - (449)

5 - Alarm horn relay - J641 - (449)

5 - Headlight washer system relay -J39- (449)

6 - Relay for supplementary fuel pump -J832- (449)

❑ Depending on equipment

7 - Low heat output relay -J359- (53)

8 - Fuel pump relay -J17- (449)

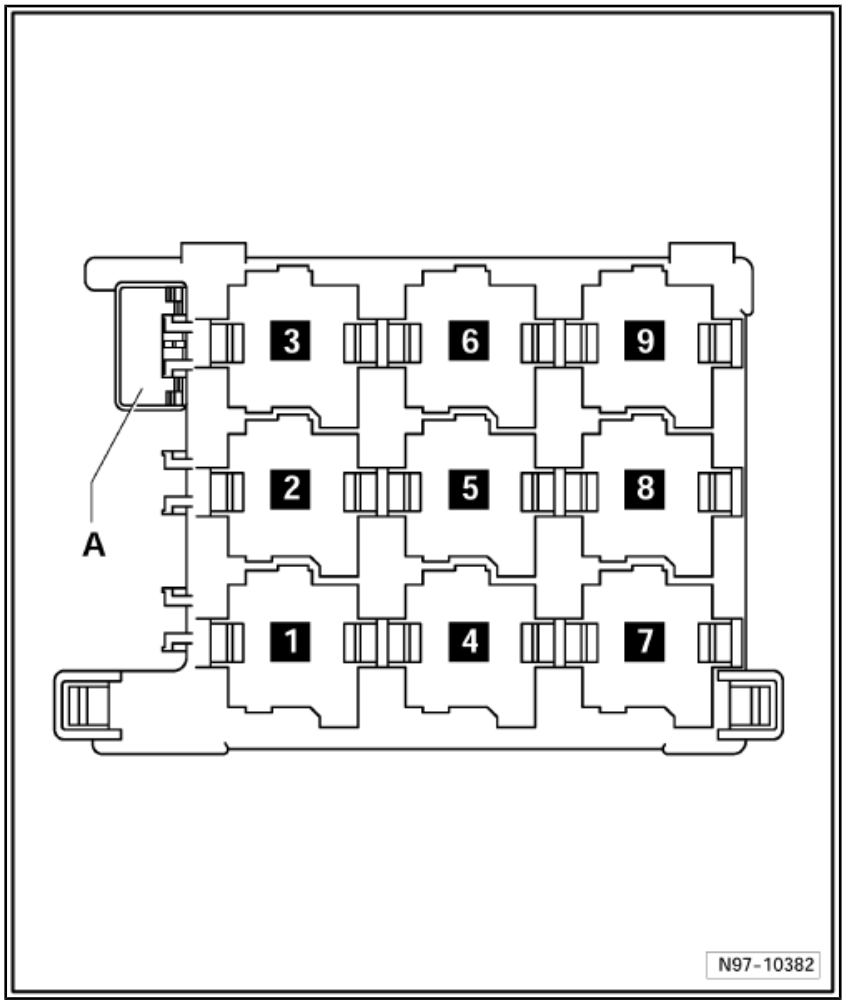
8 - Additional coolant pump relay -J496- (449)

8 - Fuel pump relay for auxiliary heater -J749- (449)

9 - High heat output relay -J360- (370)

Note

On relay slots 4, 5, 6, and 8 there are double slots for mini relays



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1.10 Relay and fuse carrier 2 -SR2- from May 2009

1 - Auxiliary heater operation relay -J485- (53)

2 - Terminal 50 voltage supply relay -J682- (53)

3 - Vacant

4 - Fresh air blower relay -J13- (449)
- ❑ Slot 4/2

5 - Headlight washer system relay -J39- (449)
- ❑ Slot 5/1

5 - Alarm horn relay -J641- (449)
- ❑ Slot 5/2

6 - Electric fuel pump 2 relay -J49- (449)
- ❑ Slot 6/2

7 - Low heat output relay -J359- (53)

8 - Additional coolant pump relay -J496- (449)
- ❑ Slot 8/1
- ❑ Only models with petrol engine

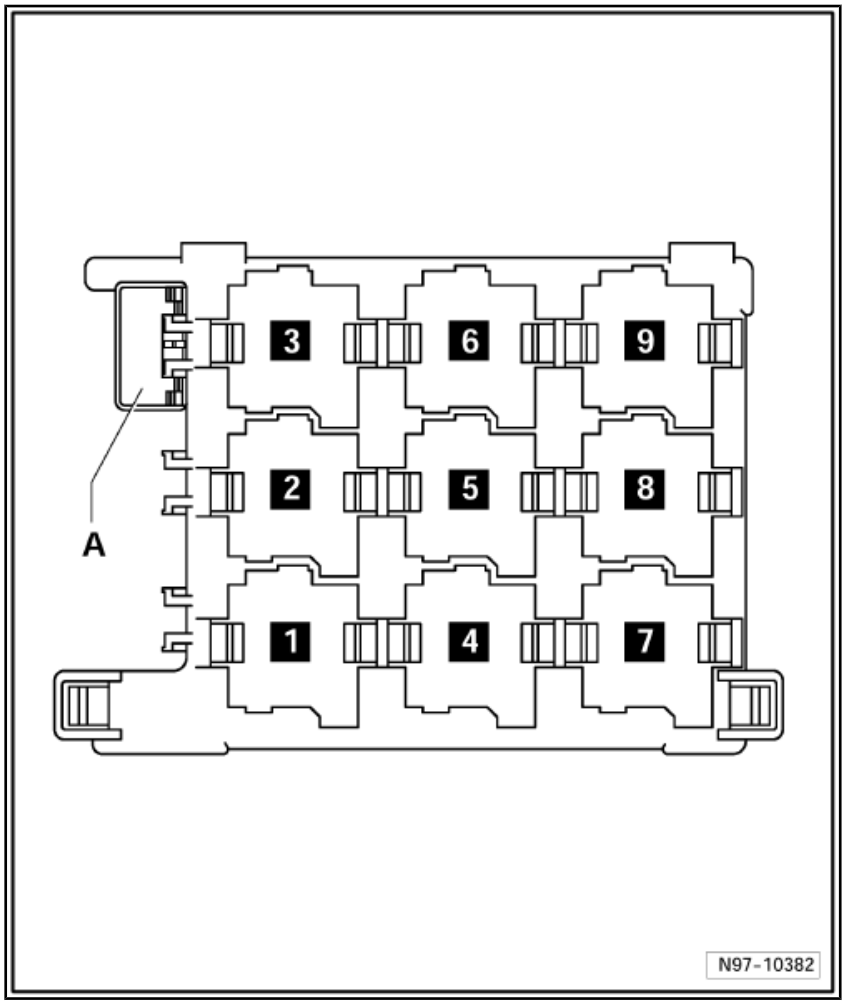
8 - Fuel pump relay -J17- (449)
- ❑ Slot 8/1
- ❑ Only models with diesel engines

8 - Fuel pump relay for auxiliary heater -J749- (449)
- ❑ Slot 8/2
- ❑ Depends on equipment

9 - High heat output relay -J360- (370)

Note

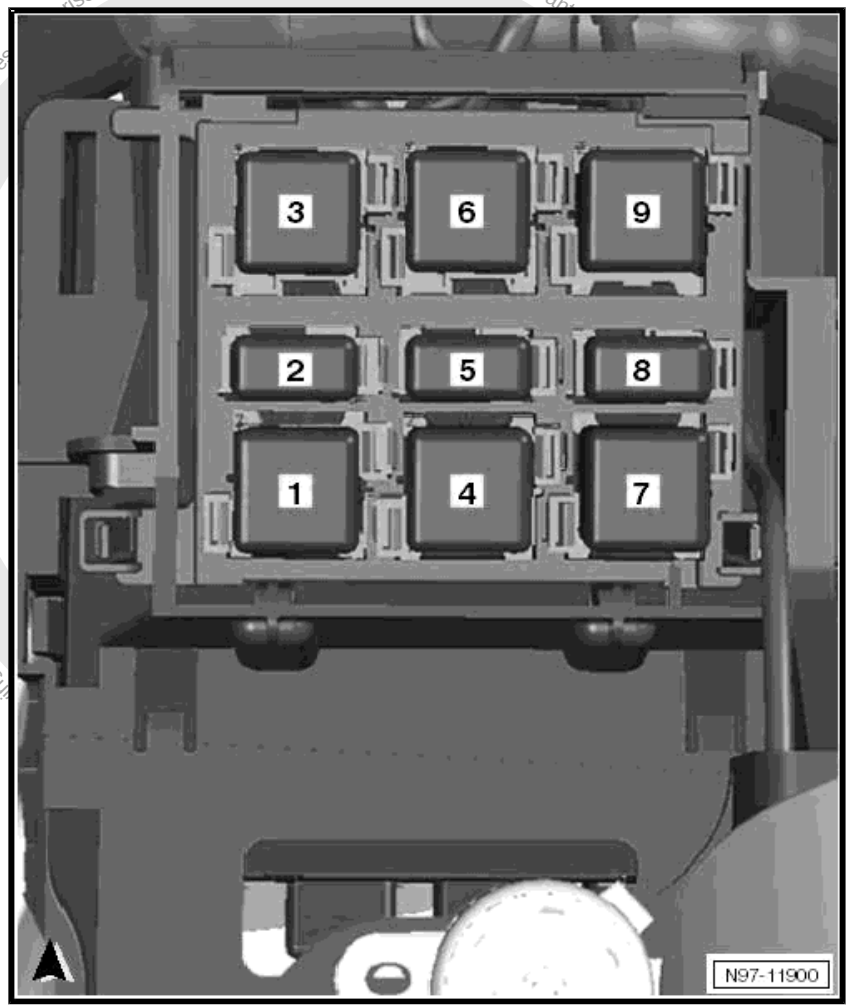
On relay slots 4, 5, 6, and 8 there are double slots for mini relays



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1.11 Relay and fuse carrier 2 -SR2- from May 2010



1 - Auxiliary heater operation relay -J485- (645)

2 - Electric fuel pump 2 relay -J49- (646)

3 - Terminal 15 voltage supply relay 2 -J681- (644)

4 - Heated rear window relay -J9- (645)

5 - Fuel pump relay -J17- (646)

- ❑ Only models with diesel engines

5 - Additional coolant pump relay -J496- (646)

- ❑ Only models with petrol engine

6 - Headlight washer system relay -J39- (646)

- ❑ Slot 6/A

6 - Dual tone horn relay -J4- (646)

- ❑ Slot 6/B

7 - Low heat output relay -J359- (645)

8 - Fuel pump relay for auxiliary heater -J749- (646)

9 - Vacant

Note

Relay slot 6 has a double-slot for mini-relays

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1.12 Relay and fuse carrier 2 -SR2- from May 2011

1 - Auxiliary heater operation relay -J485- (645)
- ❑ For LHD models only

1 - Low heat output relay -J359- (645)
- ❑ For RHD models only

2 - Fuel pump relay -J17- (646)
- ❑ Only models with diesel engines
- ❑ For LHD models only

3 - Terminal 15 voltage supply relay 2 -J681- (644)

4 - Heated rear window relay -J9- (645)

5 - Additional coolant pump relay -J496- (646)
- ❑ Only models with petrol engine

6 - Headlight washer system relay -J39- (646)
- ❑ Slot 6/A

6 - Dual tone horn relay -J4- (646)
- ❑ Slot 6/B

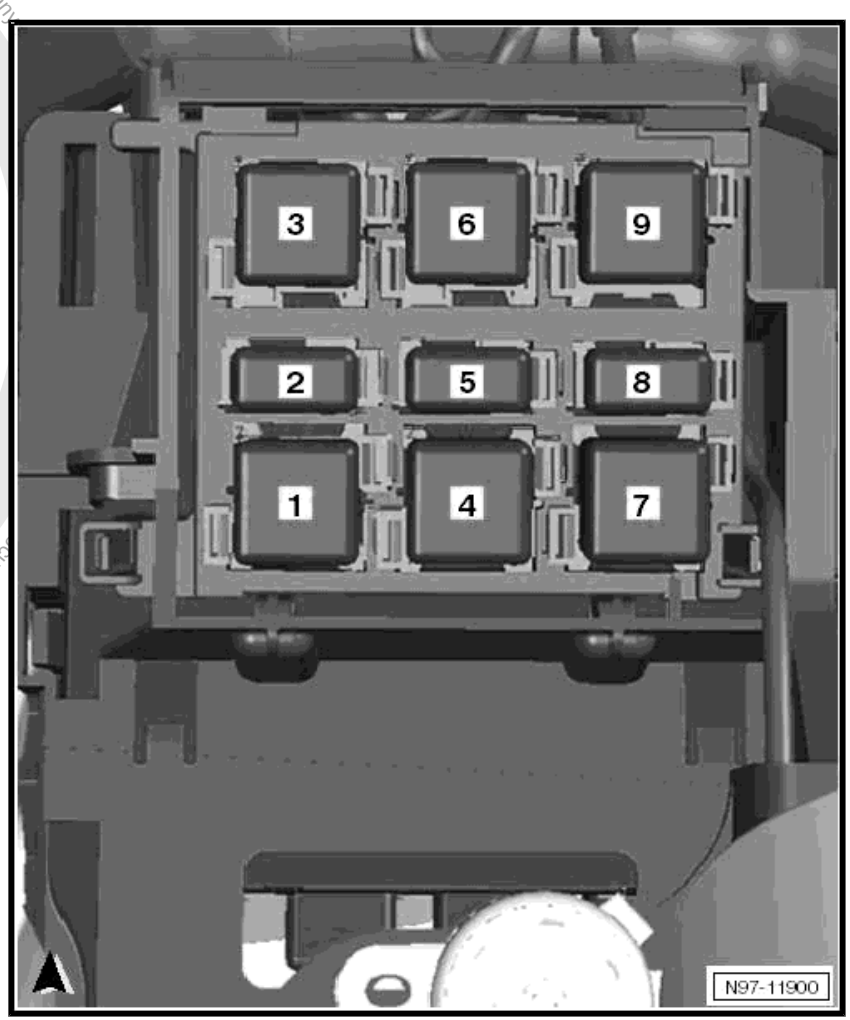
7 - Low heat output relay -J359- (645)
- ❑ For LHD models only

8 - Vacant

9 - Vacant

Note

Relay slot 6 has a double-slot for mini-relays



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1.13 Relay and fuse carrier 2 -SR2- , from November 2011

1 - Auxiliary heater operation relay -J485- (645)
- ❑ For LHD models only

1 - Low heat output relay -J359- (645)
- ❑ For RHD models only

2 - Fuel pump relay -J17- (646)
- ❑ Only models with diesel engines
- ❑ For LHD models only

3 - Terminal 15 voltage supply relay 2 -J681- (645)

4 - Heated rear window relay -J9- (645)

5 - Additional coolant pump relay -J496- (646)
- ❑ Only models with petrol engine

6 - Headlight washer system relay -J39- (646)
- ❑ Slot 6/A

6 - Dual tone horn relay -J4- (646)
- ❑ Slot 6/B

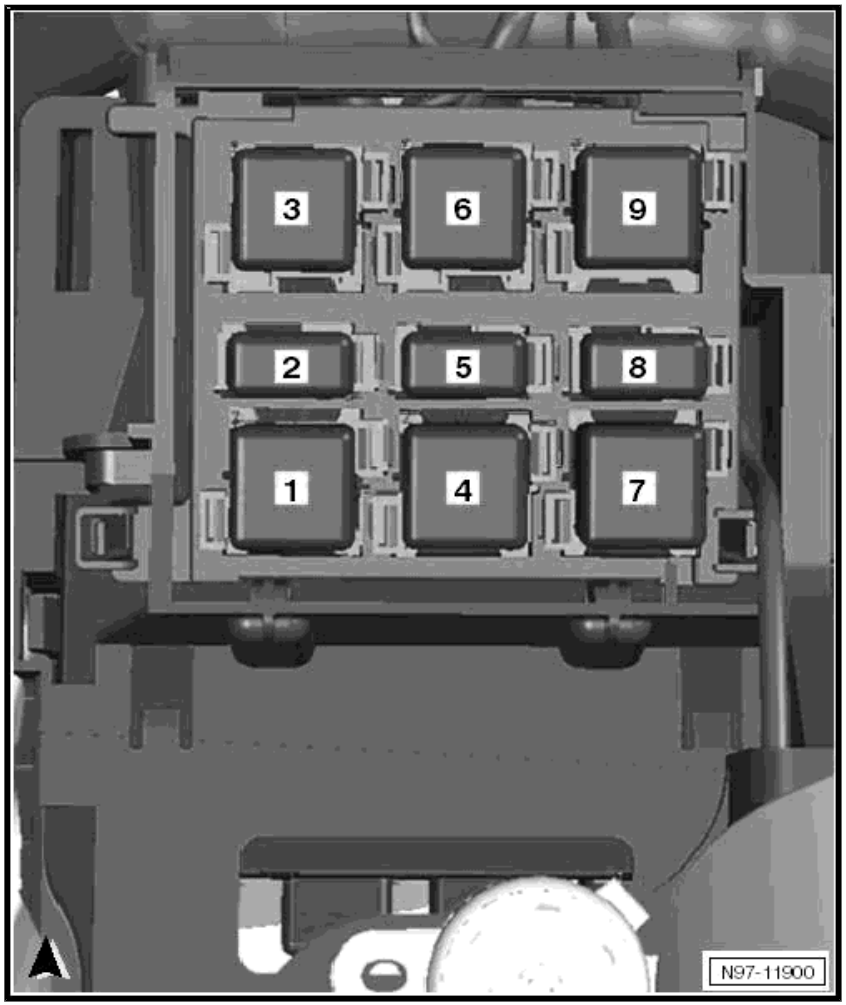
7 - Low heat output relay -J359- (645)
- ❑ For LHD models only

8 - Vacant

9 - Vacant

Note

Relay slot 6 has a double-slot for mini-relays



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1.14 Relay and fuse carrier 2 -SR2- from May 2012

1 - Auxiliary heater operation relay -J485- (645)
- ❑ For LHD models only

1 - Low heat output relay -J359- (645)
- ❑ For RHD models only

2 - Fuel pump relay -J17- (646)
- ❑ Only models with diesel engines
- ❑ For LHD models only

2 - Trailer voltage supply relay -J941- (646)
- ❑ For RHD models only

3 - Terminal 15 voltage supply relay 2 -J681- (645)

4 - Heated rear window relay -J9- (645)

5 - Additional coolant pump relay -J496- (646)
- ❑ Only models with petrol engine
- ❑ Not for models with a 1.4 l petrol engine (CAXA)

6 - Headlight washer system relay -J39- (646)
- ❑ Slot 6/A

6 - Dual tone horn relay -J4- (646)
- ❑ Slot 6/B

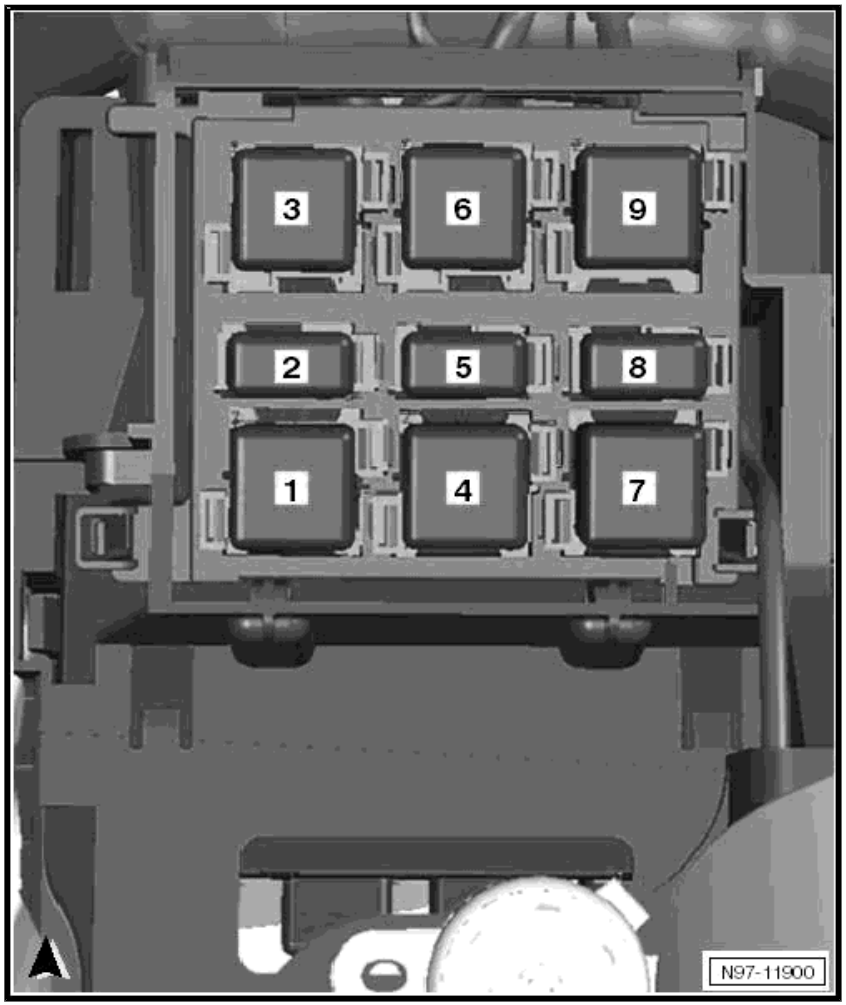
7 - Low heat output relay -J359- (645)
- ❑ For LHD models only

8 - Trailer voltage supply relay -J941- (646)
- ❑ For LHD models only

9 - Vacant

Note

Relay slot 6 has a double-slot for mini-relays



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1 Control units in engine compartment

1.1 Overview of control units

1 - Output module for right headlight -J668-
- ❑ on front right gas discharge headlight

2 - Right gas discharge bulb control unit -J344-
- ❑ on front right gas discharge headlight

3 - Auxiliary heater control unit -J364-
- ❑ Fitting location ⇒ page 2
- ❑ Connector assignment ⇒ page 3

4 - Power steering control unit -J500-
- ❑ Fitting location ⇒ page 9

5 - Engine control unit -J623-
- ❑ Fitting location ⇒ page 7
- ❑ Connector assignment ⇒ page 8

6 - Wiper motor control unit -J400-
- ❑ on left under plenum chamber cover

7 - Automatic gearbox control unit -J217-
- ❑ Fitting location ⇒ page 9
- ❑ Connector assignment ⇒ page 10

8 - ABS control unit -J104-
- ❑ Fitting location ⇒ page 4

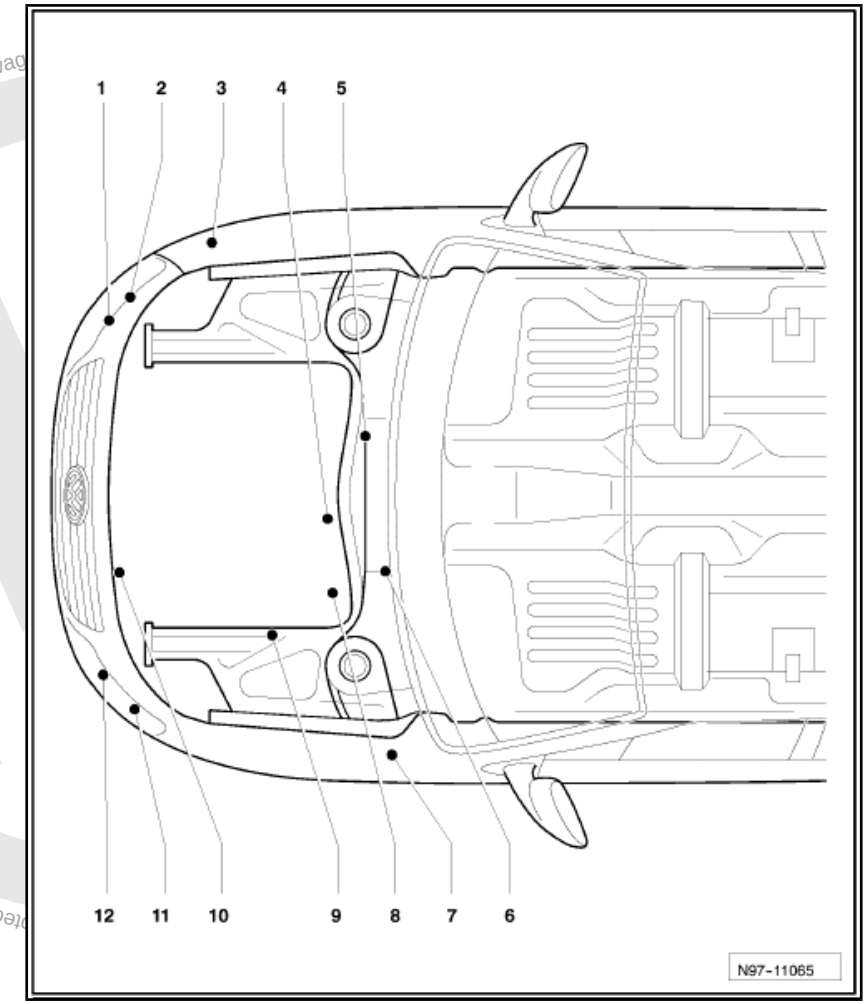
8 - Battery monitor control unit -J367-
- ❑ Fitting location ⇒ page 6

9 - Automatic glow period control unit -J179-
- ❑ near battery

10 - Radiator fan control unit -J293-
- ❑ on radiator fan

11 - Left gas discharge light control unit -J343-
- ❑ on front left gas discharge headlight

12 - Output module for left headlight -J667-



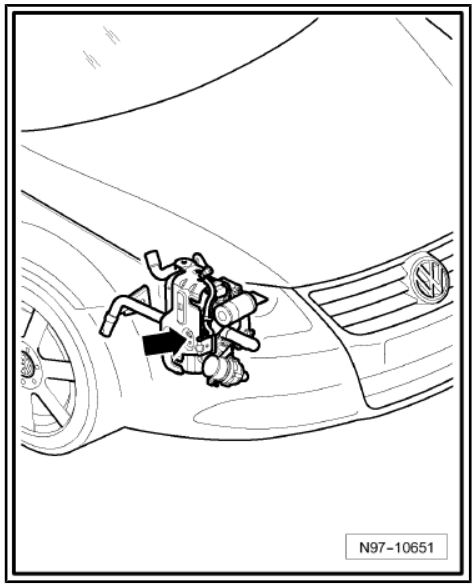
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- on front left gas discharge headlight

1.2 Auxiliary heater control unit -J364-

1.2.1 Fitting location:

1 - Auxiliary heater control module -J364- -arrow-



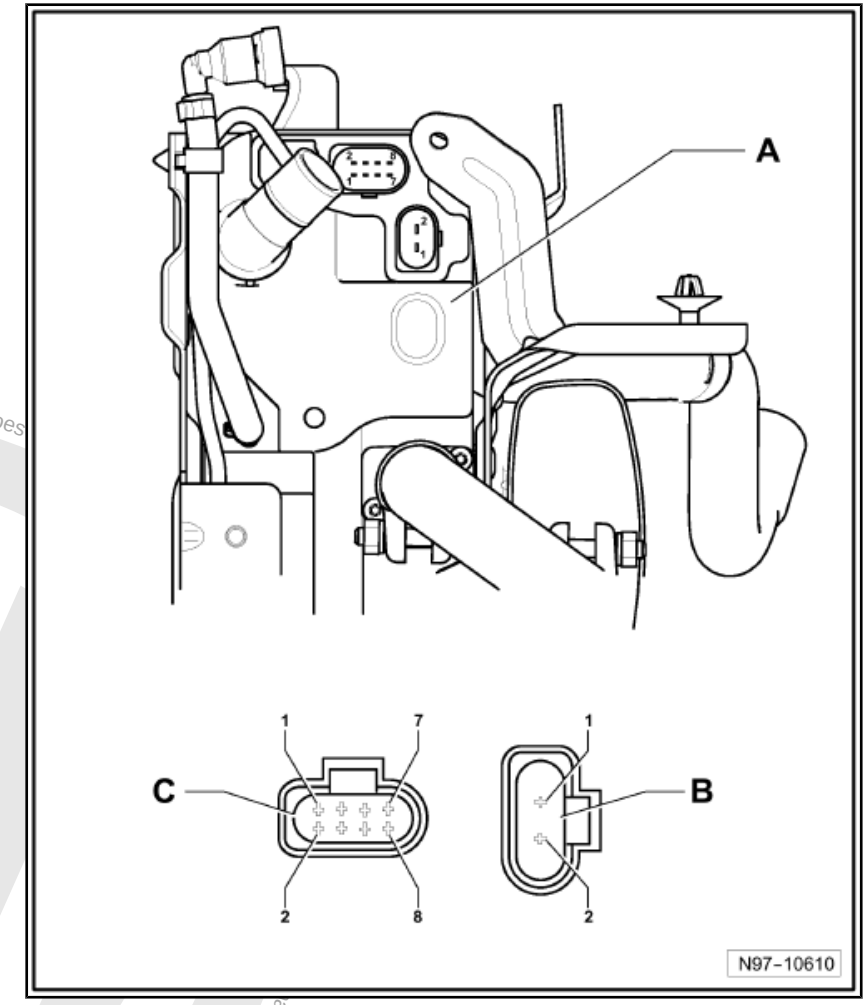
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1.2.2 Connector assignment.

A - Auxiliary heater control unit -J364-

B - 2-pin connector -T2g-, black

C - 8-pin connector -T8f-, black

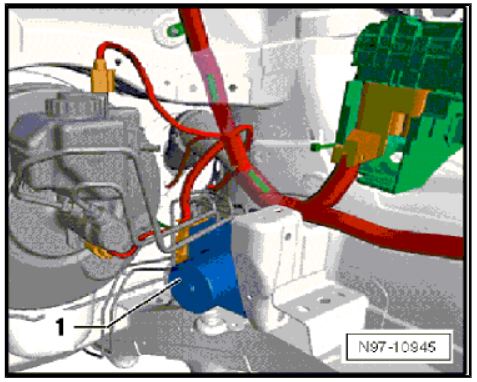


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1.3 ABS control unit -J104-

1.3.1 Fitting location:

1 - ABS control unit -J104-

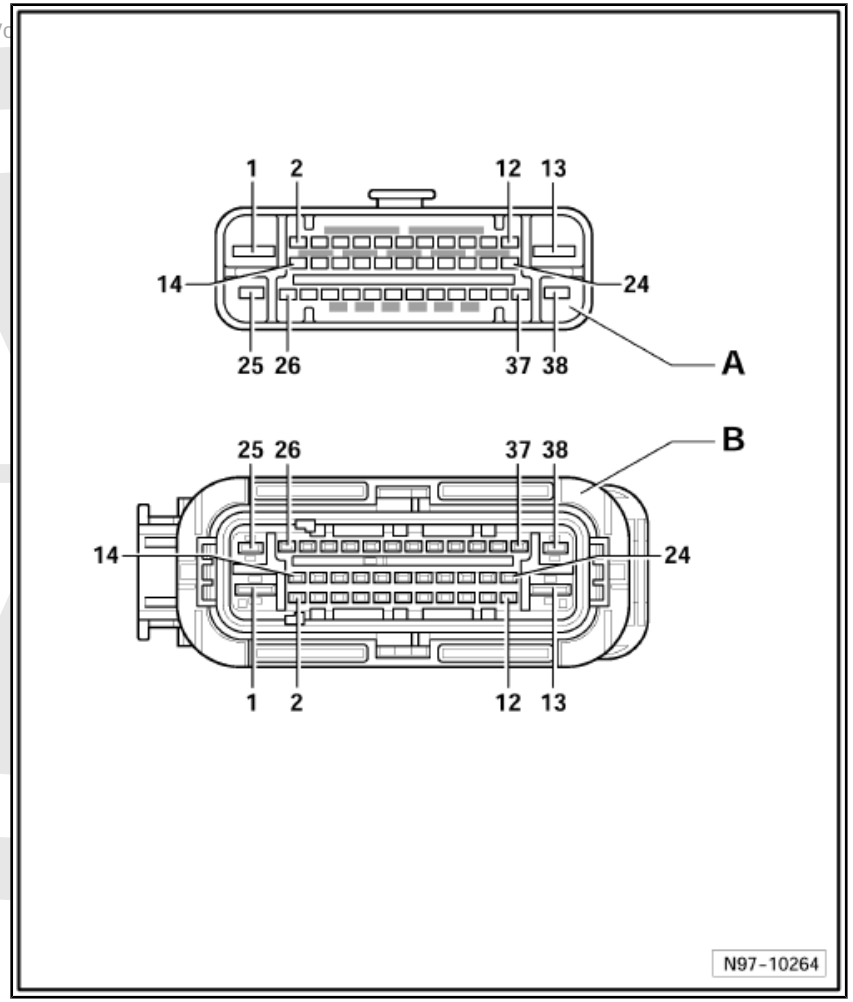


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1.3.2 Connector assignment.

A - ABS control unit -J104-

B - 38-pin connector -T38-



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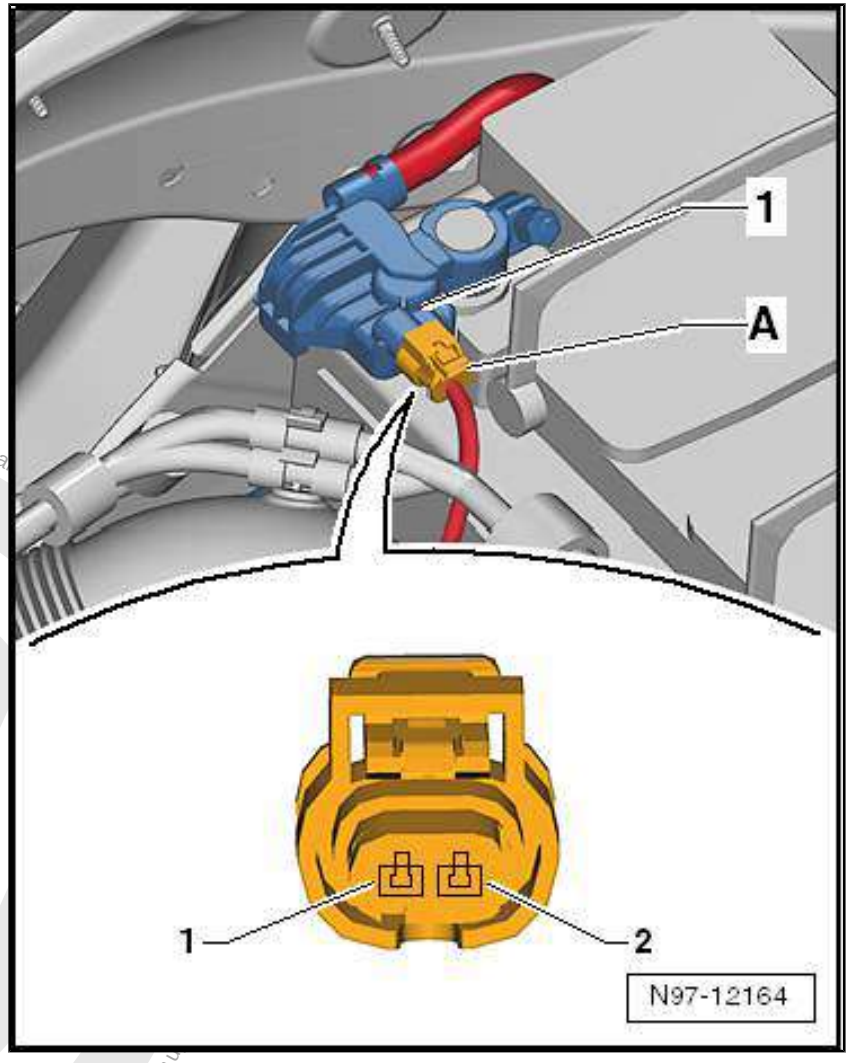
1.4 Battery monitor control unit -J367-

1 - Battery monitor control unit -J367-

- ❑ on negative terminal of battery

- Connectors:

- ❑ -A-2-pin connector -T2fv-

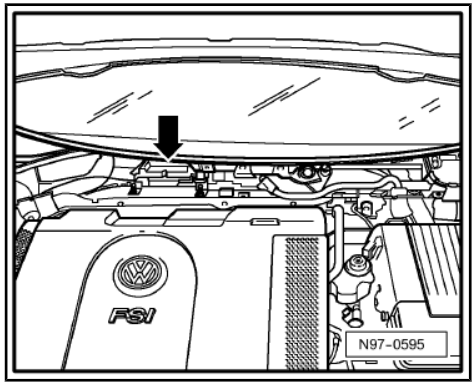


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1.5 Engine control unit -J623-

1.5.1 Fitting location:

1 - Engine control unit -J623- -arrow-



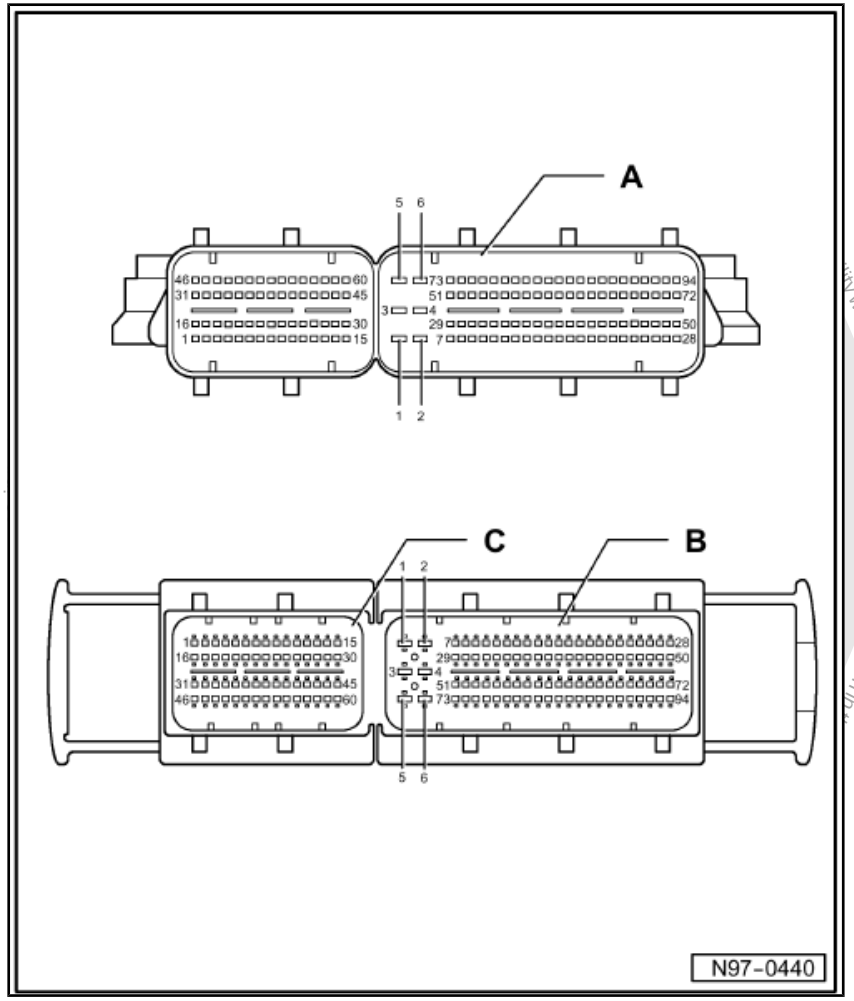
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1.5.2 154-pin connector assignment

A - Engine control unit -J623-

B - 94-pin connector -T94-

C - 60-pin connector -T60-



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1.6 Power steering control unit -J500-

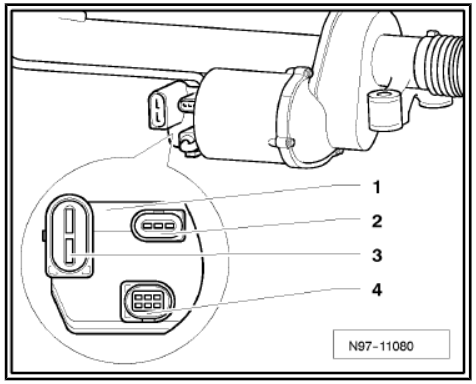
1.6.1 Fitting location:

1 - Power steering control unit -J500-

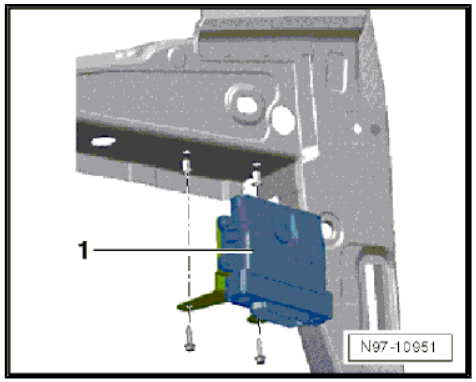
2 - 3-pin connector -T3z-

3 - 2-pin connector -T2a-

4 - 6-pin connector -T6g-



1.7 Automatic gearbox control unit -J217-



1.7.1 Fitting location:

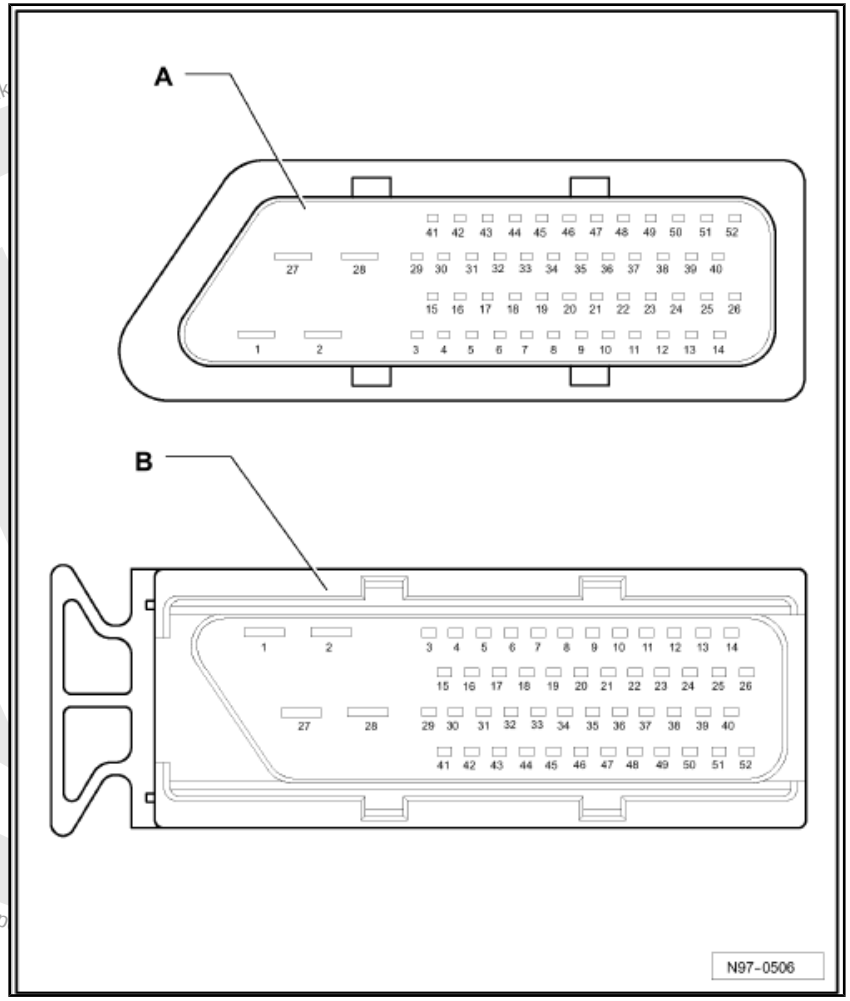
1 - Automatic gearbox control unit -J217-

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1.7.2 Connector assignment.

A - Automatic gearbox control unit -J217-

B - 52-pin connector -T52-



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1 Control units in passenger compartment

1.1 Overview of control units

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1 - Fresh air blower control unit -J126-
- ❑ under dash panel on right, behind glove compartment

2 - Control unit for cornering light and headlight range control -J745-
- ❑ under dash panel on right, behind glove compartment

3 - Convenience system central control unit -J393-
- ❑ To May 2009
- ❑ Fitting location ⇒ page 4

3 - Voltage stabiliser -J532-
- ❑ Fitting location ⇒ page 41

4 - Radio -R-
- ❑ in centre console

5 - Control unit with display for radio and navigation -J503-
- ❑ in centre console

6 - Front passenger door control unit -J387-
- ❑ Fitting location ⇒ page 5
- ❑ Connector assignment ⇒ page 5

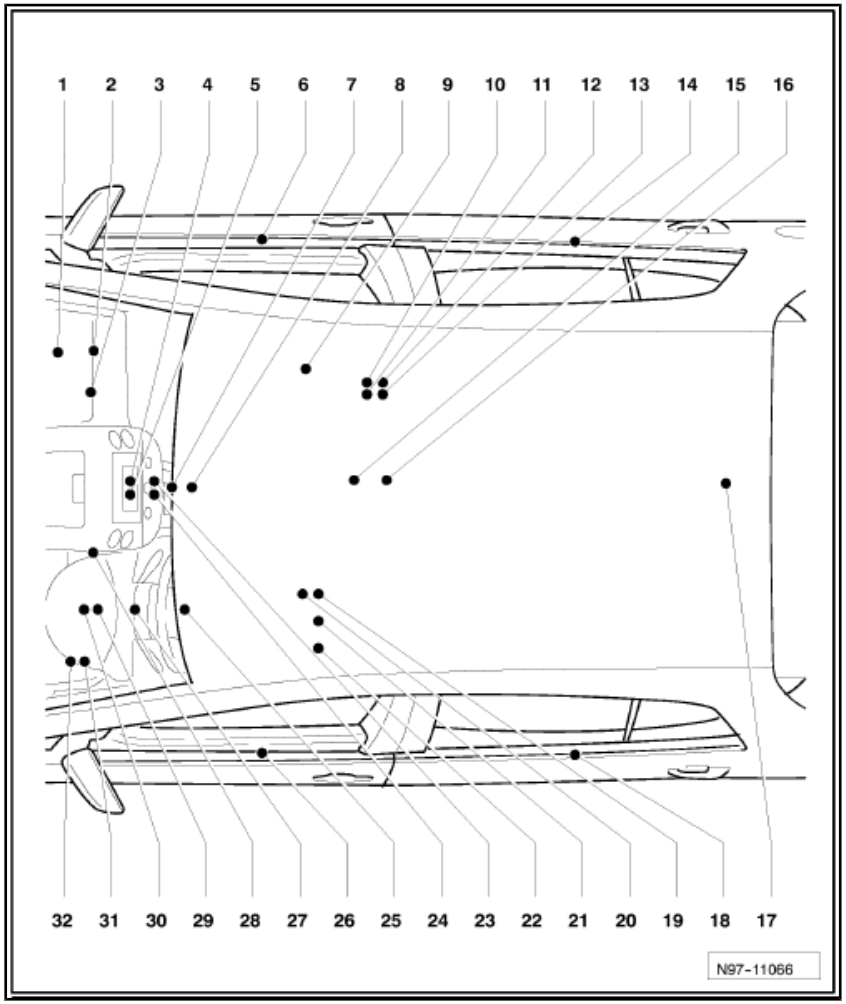
7 - Airbag control unit -J234-
- ❑ Fitting location ⇒ page 7

8 - Sliding sunroof adjustment control unit -J245-
- ❑ Fitting location ⇒ page 14

8 - Front camera for driver assist systems -R242-
- ❑ near interior mirror

8 - Main beam assist control unit -J844-
- ❑ near interior mirror

9 - Seat occupied recognition control unit -J706-
- ❑ Fitting location ⇒ page 14



10 - TV tuner -R78-
- Fitting location ⇒ page 7

11 - Telephone transmitter and receiver unit -R36-
- Fitting location ⇒ page 7

12 - Mobile telephone operating electronics control unit -J412-
- Fitting location ⇒ page 7

12 - Emergency call module control unit and communication unit -J949-
- Fitting location ⇒ page 7

13 - Satellite digital radio tuner -R190-
- Fitting location ⇒ page 7
- Connector assignment ⇒ page 9

14 - Rear right door control unit -J389-
- Connector assignment ⇒ page 15

15 - Multimedia system control unit -J650-
- under centre armrest, front ⇒ page 12

15 - Control unit 1 for information electronics -J794-
- under centre armrest, front ⇒ page 13

16 - Control unit for electromechanical parking brake -J540-
- Fitting location ⇒ page 7

17 - Sunroof roller blind control unit -J394-
- Fitting location ⇒ page 14

18 - Rear left door control unit -J388-
- Fitting location ⇒ page 16
- Connector assignment ⇒ page 16

19 - Amplifier -R12-
- Fitting location ⇒ page 7
- Connector assignment ⇒ page 9

20 - Digital sound package amplifier -R184-
- Fitting location ⇒ page 7

21 - Seat and steering column adjustment control unit with memory -J136-
- Fitting location ⇒ page 20

22 - Heated front seats control unit -J774-
- Fitting location ⇒ page 20

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23 - Climatronic control unit -J255-
- ❑ in Climatronic operating and display unit

24 - Air conditioning system control unit -J301-
- ❑ in air conditioning system operating and display unit

25 - Multifunction steering wheel control unit -J453-
- ❑ in multifunction steering wheel

26 - Driver door control unit -J386-
- ❑ Fitting location ⇒ page 18
- ❑ Connector assignment ⇒ page 18

27 - Steering column electronics control unit -J527-
- ❑ Fitting location ⇒ page 20
- ❑ Fitting location from May 2010 ⇒ page 31
- ❑ Connector assignment ⇒ page 22

27 - Electronic steering column lock control unit -J764-
- ❑ Fitting location from May 2010 ⇒ page 32

28 - Data bus diagnostic interface -J533-
- ❑ Fitting location ⇒ page 41

28 - Entry and start authorisation control unit -J518-
- ❑ Fitting location ⇒ page 33

29 - Control unit in dash panel insert -J285-
- ❑ in dash panel insert -K-
- ❑ Connector assignment ⇒ page 43

30 - Immobiliser control unit -J362-
- ❑ in dash panel insert -K-

31 - Park assist steering control unit -J791-
- ❑ Fitting location ⇒ page 20
- ❑ Connector assignment ⇒ page 22

32 - Onboard supply control unit -J519-
- ❑ Fitting location: from November 2007 ⇒ page 20
- ❑ Fitting location: from May 2009 ⇒ page 34
- ❑ Connector assignment from November 2007 ⇒ page 47
- ❑ Connector assignment from May 2009 ⇒ page 35

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1.2 Convenience system central control unit -J393-

Note

Convenience system control unit J393 is discontinued from May 2009 with the introduction of the new onboard supply control unit J519!

1.2.1 Fitting location:

1 - 6-pin connector -T6rd- , brown

2 - 18-pin connector -T18kf- , brown

3 - 8-pin connector -T8n- , black

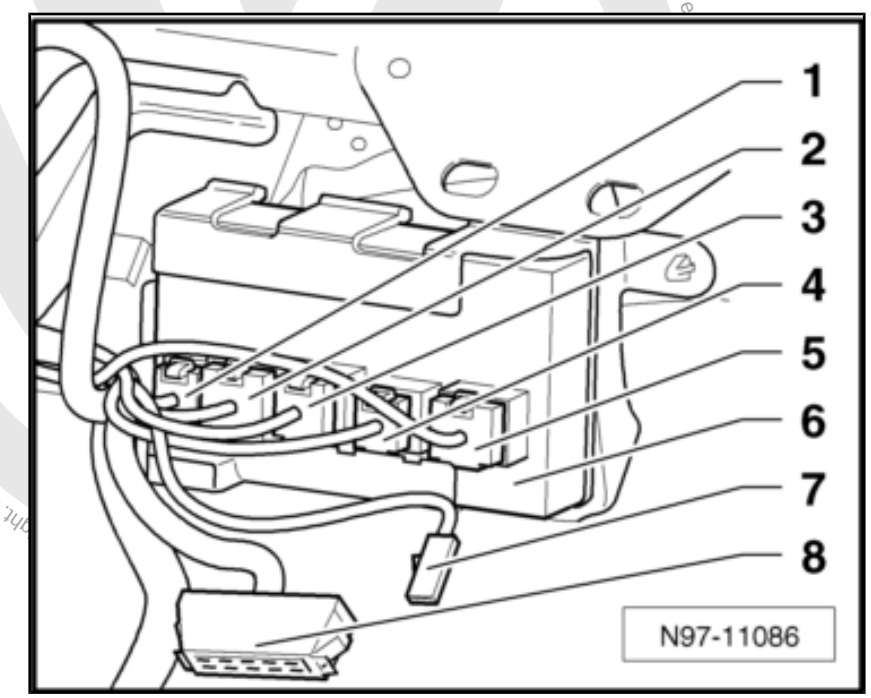
4 - 6-pin connector -T6c- , black

5 - 18-pin connector -T18zv- , brown

6 - Convenience system central control unit -J393-

7 - Glove compartment light switch -E26-

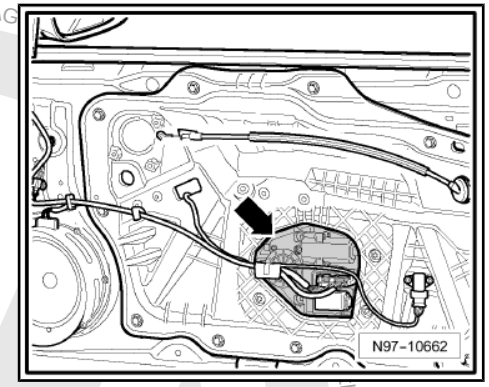
8 - 10-pin connector -T10k-



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1.3 Front passenger door control unit -J387-



1.3.1 Fitting location:

on inner part of door-Arrow-

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1.3.2 Connector assignment:

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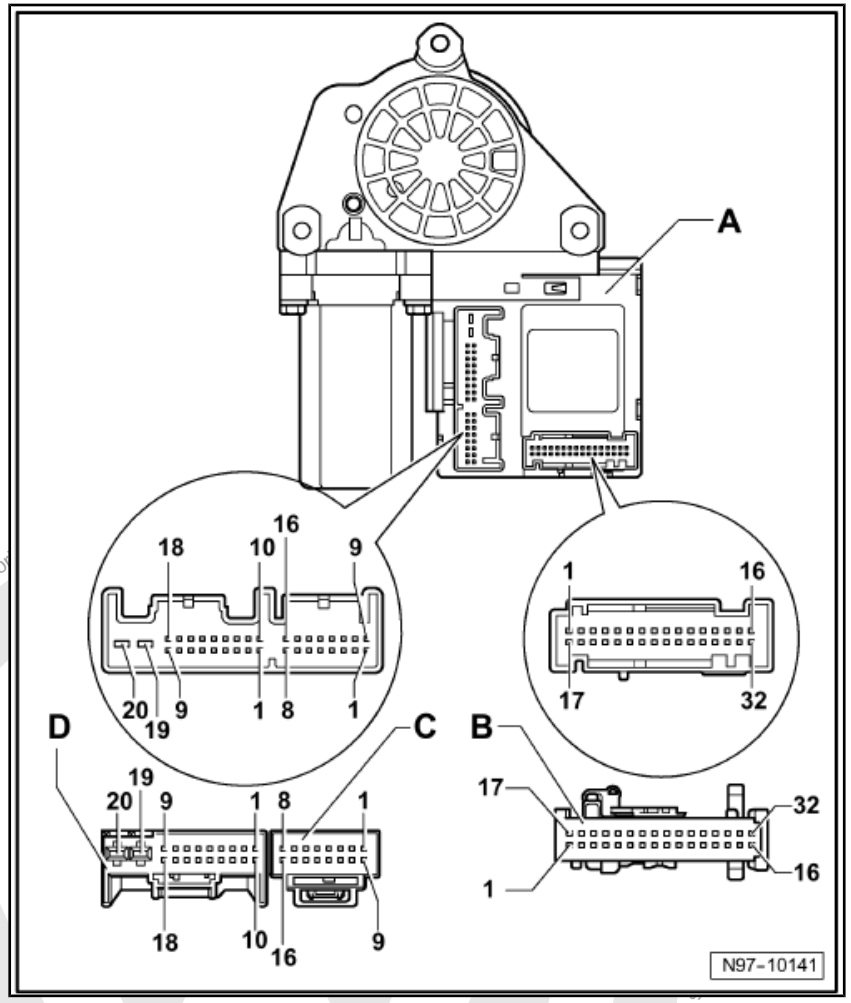
A - Front passenger door control unit -J387-

B - 32-pin connector -T32b-

C - 16-pin connector -T16g-

D - 20-pin connector -T20b-

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1.4 Control units in floor panel area

1 - Airbag control unit -J234-

2 - TV tuner -R78-

2 - Telephone transmitter and receiver unit -R36-

2 - Mobile telephone operating electronics control unit -J412-

2 - Satellite digital radio tuner -R190-

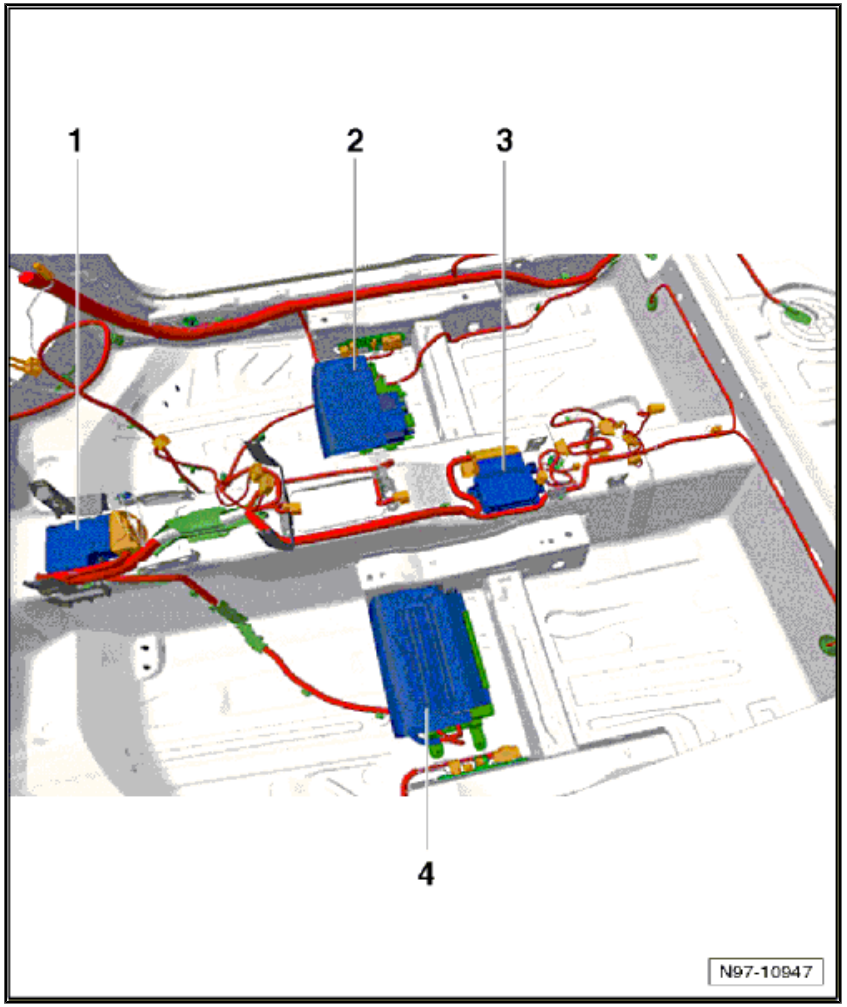
2 - Emergency call module control unit and communication unit -J949-

3 - Control unit for electromechanical parking brake -J540-

4 - Amplifier -R12-

4 - Digital sound package amplifier -R184-

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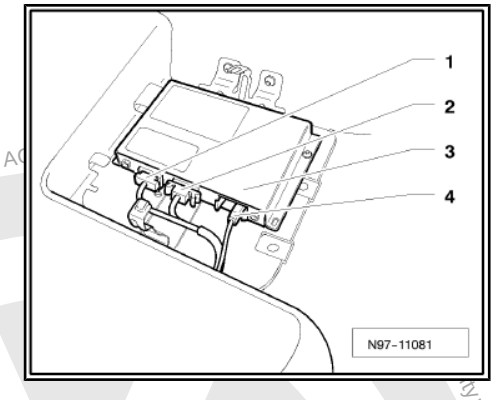


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1.5 Satellite digital radio tuner -R190-

Note

The digital satellite tuner R190 is inside the radio/radio-navigation module as of November 2010.



1.5.1 Fitting location:

1 - 8-pin connector -T8ua-

2 - 8-pin connector -T8ta-

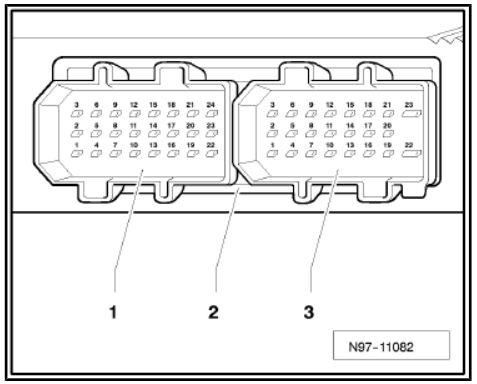
3 - Satellite digital radio tuner -R190-

4 - 1-pin connector -T1sa-

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1.6 Amplifier -R12-



1.6.1 Connector assignment:

1 - 24-pin connector -T24-

2 - Amplifier -R12-

3 - 23-pin connector -T23-

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1.7 Amplifier -R12- from May 2013

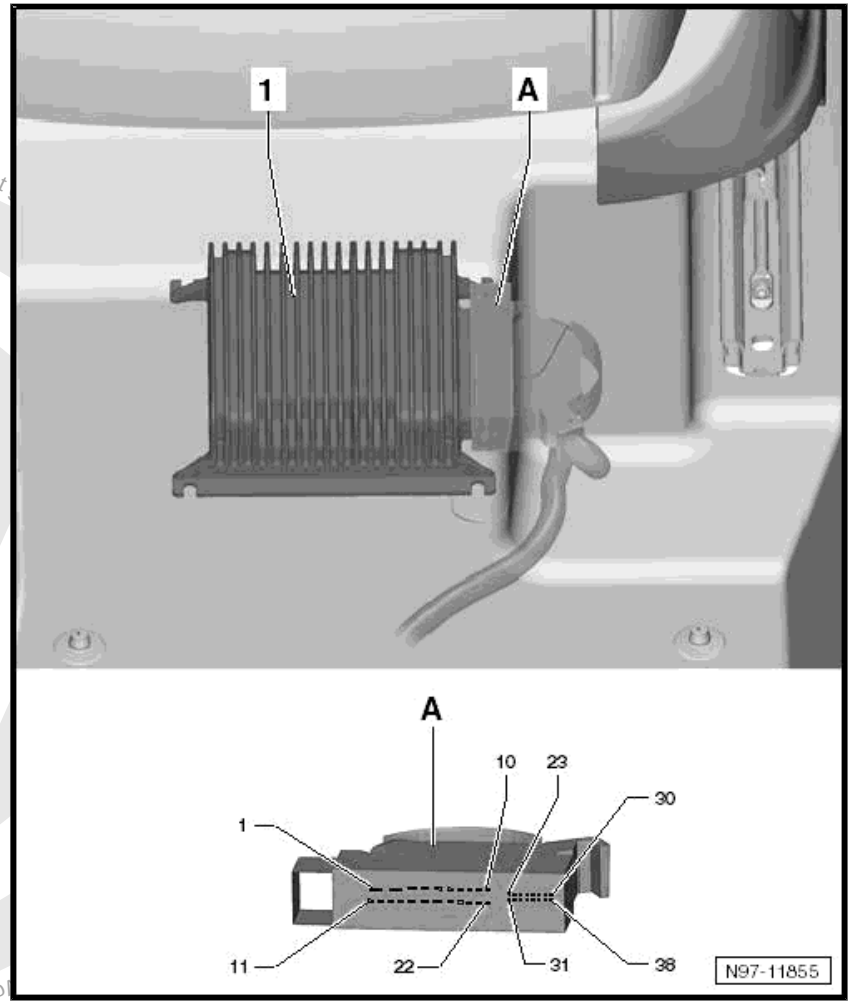
Fitting location:

under seat on front left

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1 - Amplifier -R12-

A - 38-pin connector -T38s-



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1.8 Emergency call module control unit and communication unit -J949-

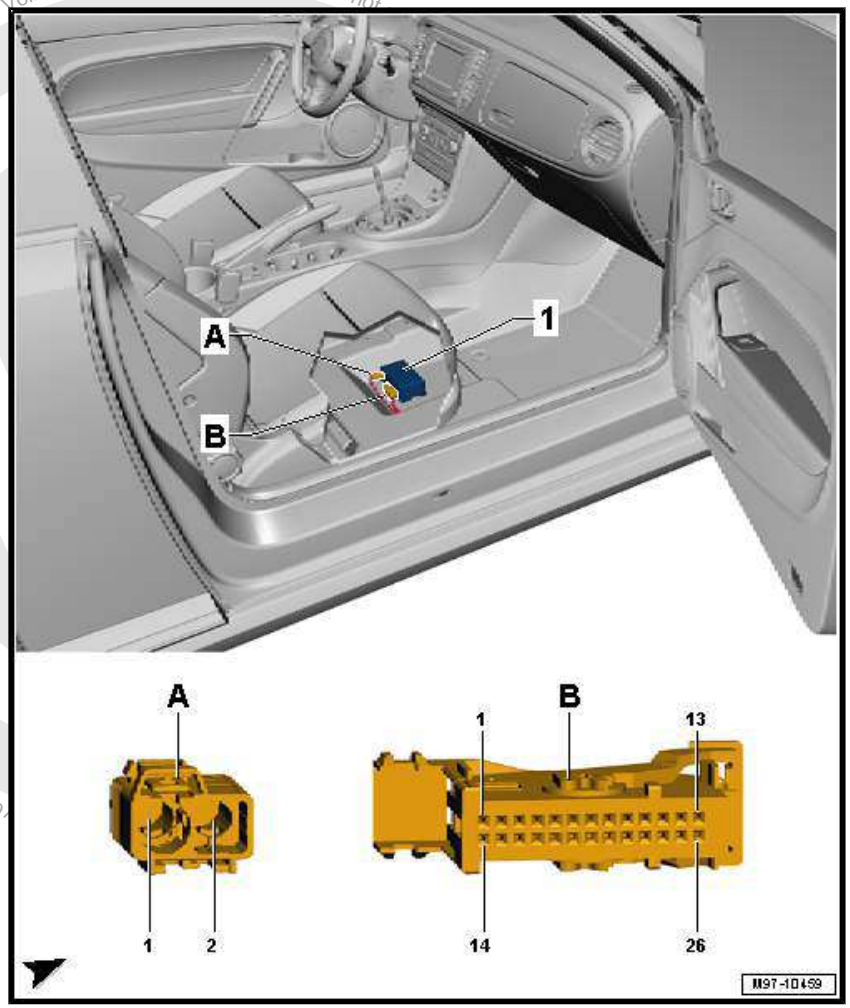
Fitting location:

under seat on front right

1 - Emergency call module control unit and communication unit -J949-

A - 4-pin connector -T4e-

B - 26-pin connector -T26a-



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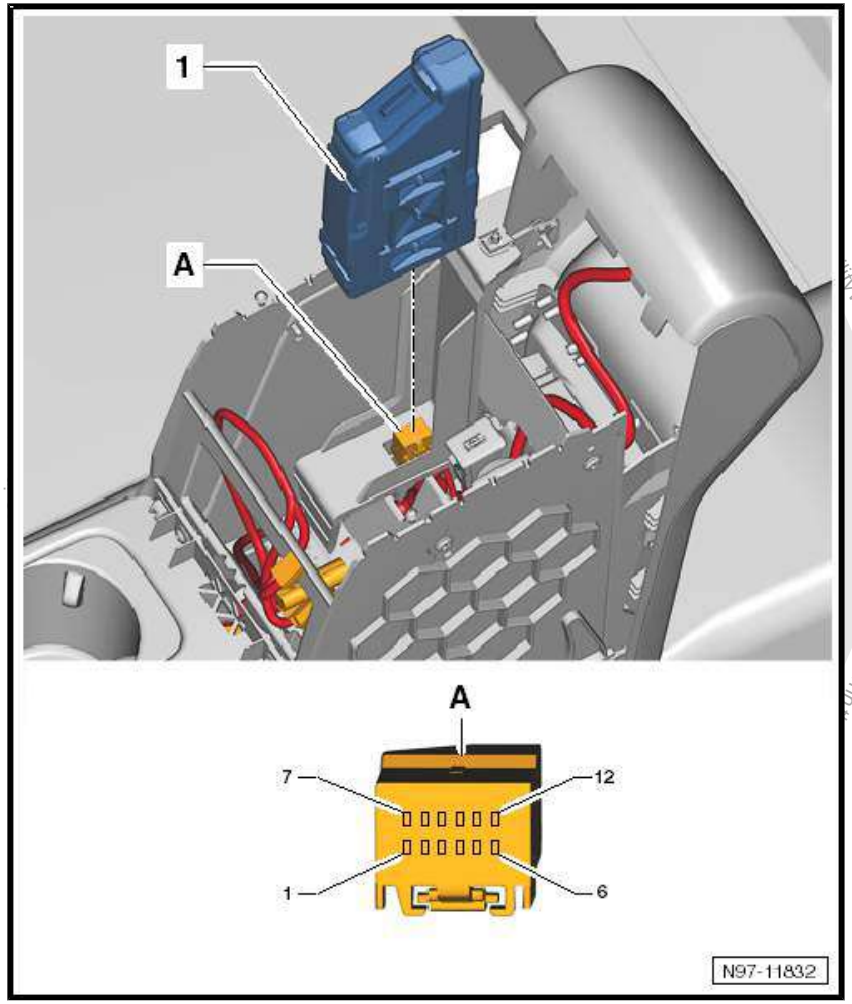
1.9 Multimedia system control unit -J650-

Fitting location:

Below front centre armrest

1 - Multimedia system control unit -J650-

A - 12-pin connector -T12m-



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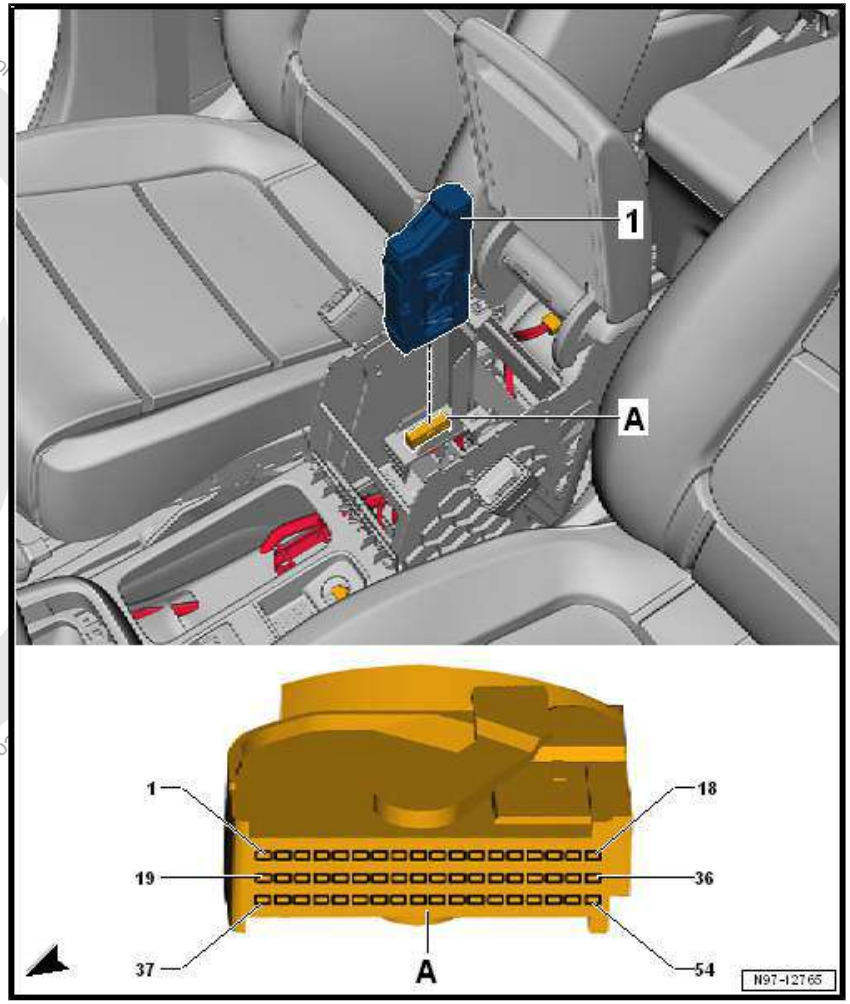
1.10 Control unit 1 for information electronics -J794-

Fitting location:

Below front centre armrest

1 - Control unit 1 for information electronics -J794-

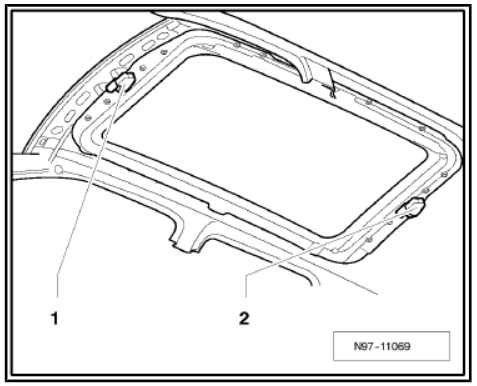
A - 54-pin connector -T54a-



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1.11 Control units in roof area



1.11.1 Fitting location:

1 - Sliding sunroof adjustment control unit -J245-

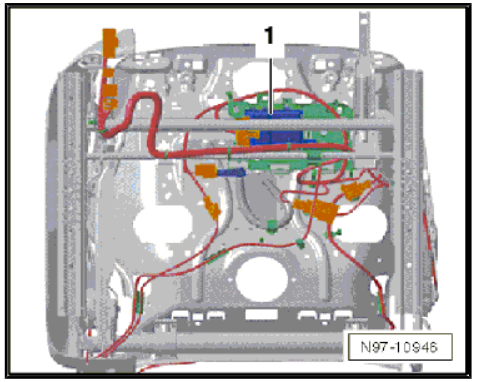
2 - Sunroof roller blind control unit -J394-

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1.12 Seat occupied recognition control unit -J706-

Note

Only for NAR



1.12.1 Fitting location:

1 - Seat occupied recognition control unit -J706-

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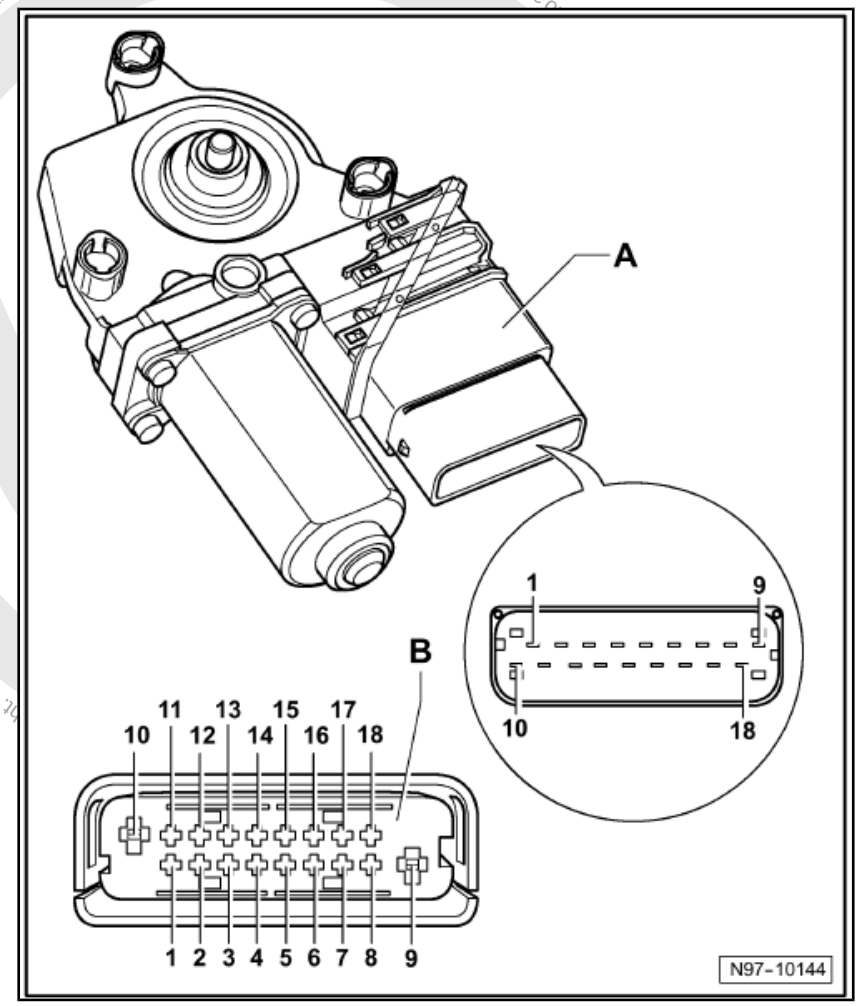
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1.13 Rear right door control unit -J389-

A - Rear right door control unit -J389-

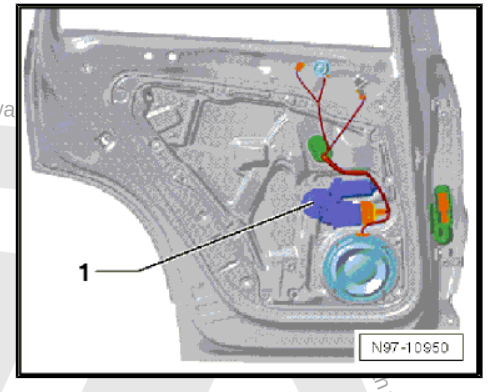
B - 18-pin connector -T18d-

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1.14 Rear left door control unit -J388-



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1.14.1 Fitting location:

1 - Rear left door control unit -J388-

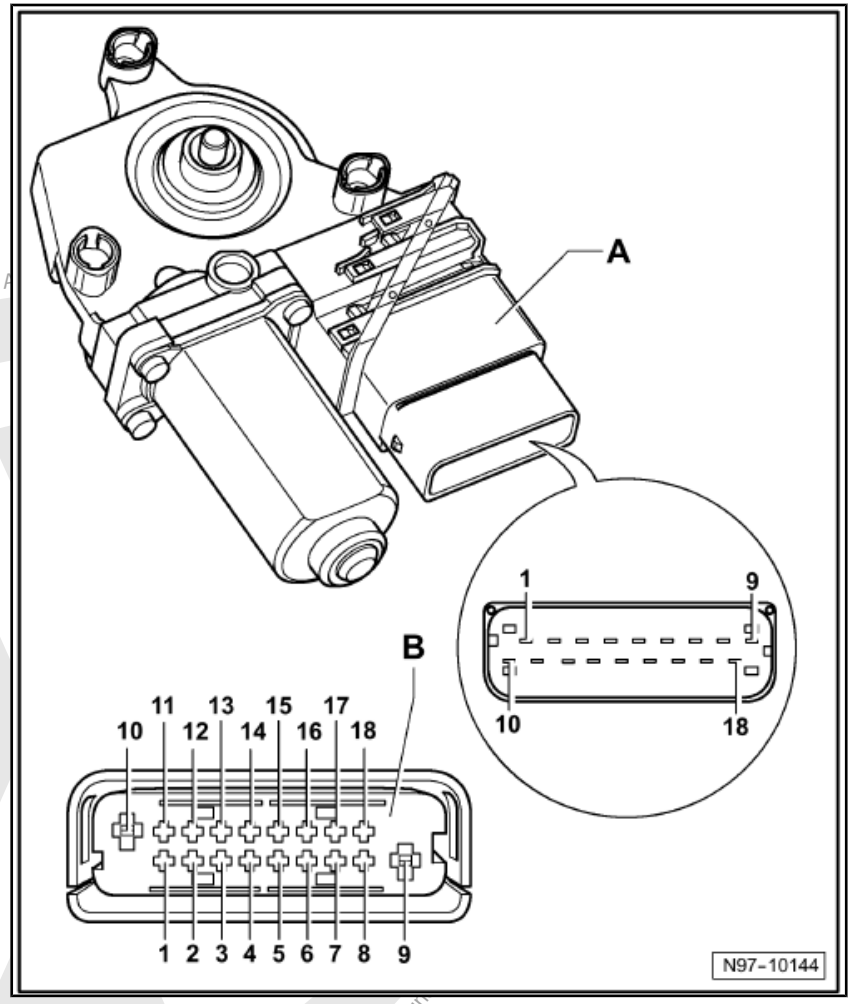
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1.14.2 Connector assignment:

A - Rear left door control unit -J388-

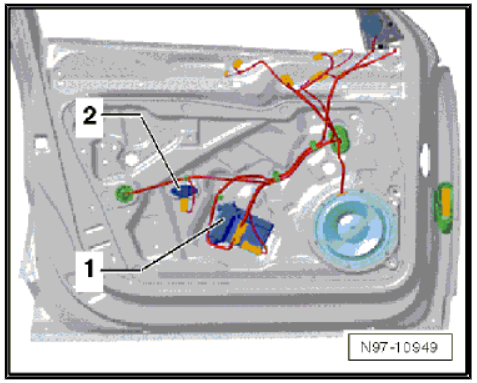
B - 18-pin connector - T 18 c -

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1.15 Driver door control unit -J386-



1.15.1 Fitting location:

1 - Driver door control unit -J386-

2 - Side airbag crash sensor on driver side -G179-

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1.15.2 Connector assignment:

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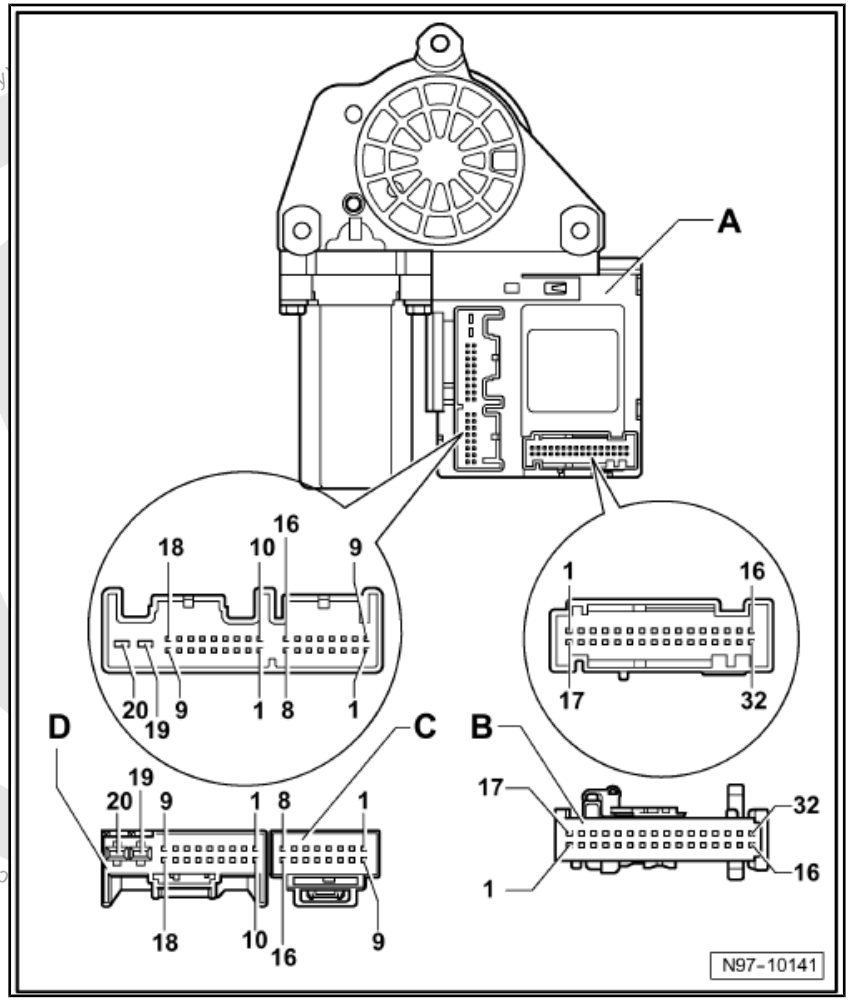
A - Driver door control unit -J386-

B - 32-pin connector -T32a-

C - 16-pin connector -T16a-

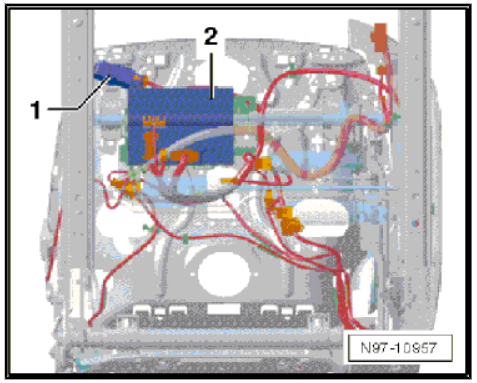
D - 20-pin connector -T20a-

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1.16 Seat control units



1.16.1 Fitting location:

1 - Heated front seats control unit -J774-

2 - Seat and steering column adjustment control unit with memory -J136-

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1.17 Steering column electronics control unit -J527-

1.17.1 Fitting location:

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1 - Park assist steering control unit -J791-

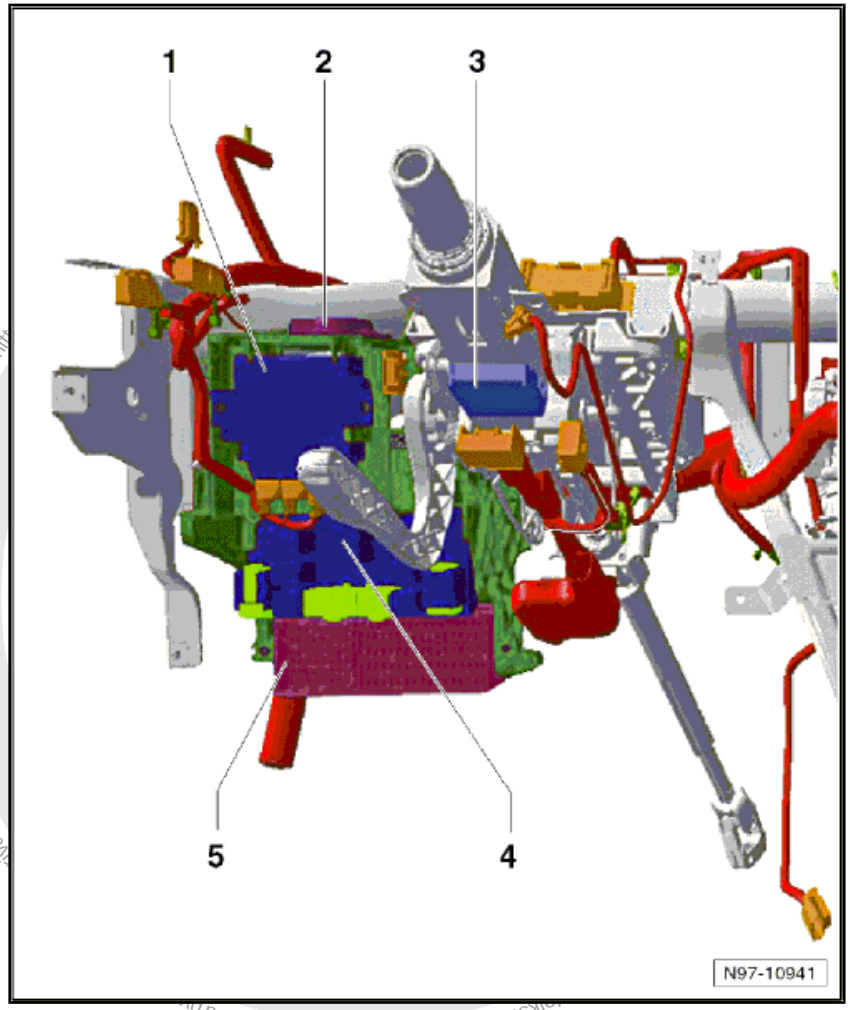
2 - Front parking aid warning buzzer -H22-

3 - Steering column electronics control unit -J527-

4 - Onboard supply control unit -J519-

5 - Fuse holder C -SC-

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1.17.2 Connector assignment: park assist steering control unit -J791-

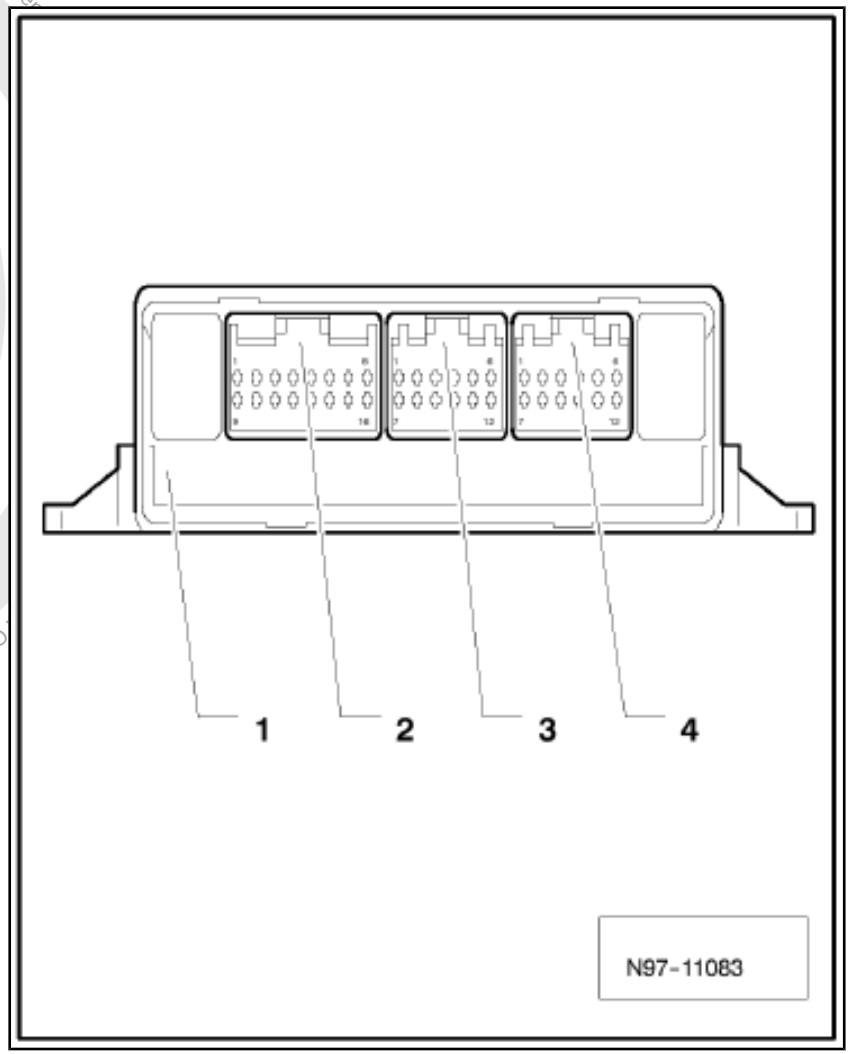
1 - Park assist steering control unit -J791-

2 - 16-pin connector -T16r-

3 - 12-pin connector -T12ta-

4 - 12-pin connector -T 12-la

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1.17.3 Connector assignment: steering column electronics control unit -J527- , to May 2010

A = Steering column electronics control unit -J527-

B = Airbag mounting

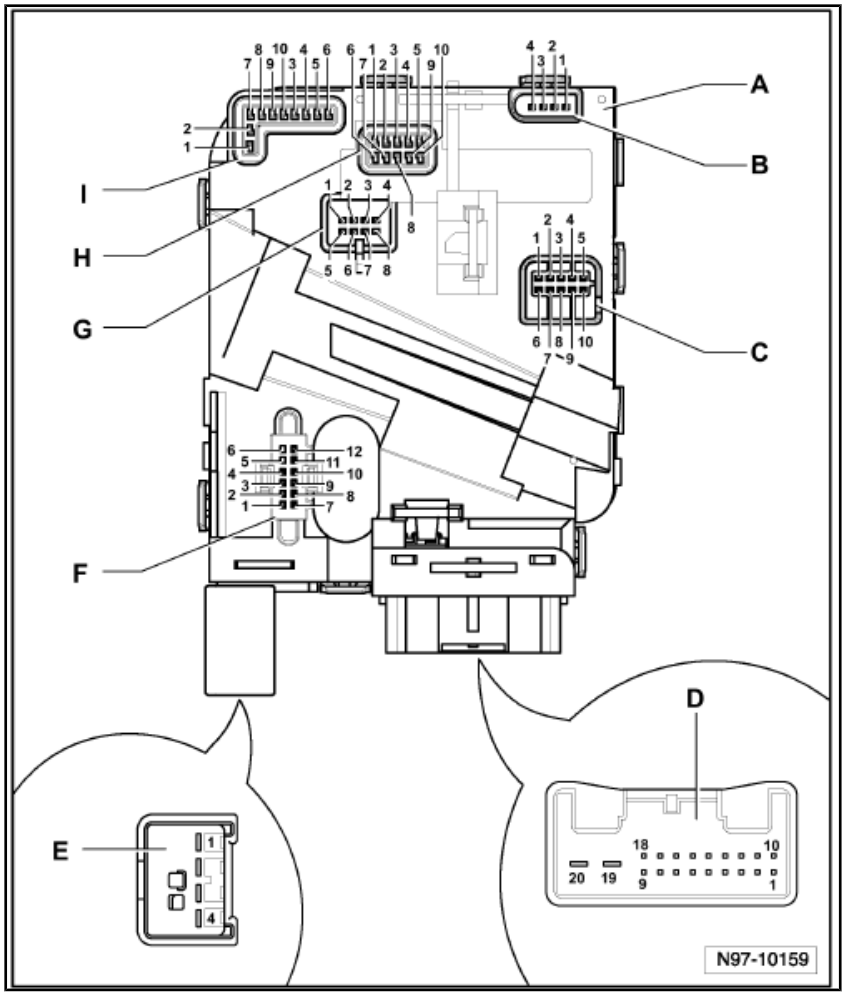
1 - Airbag1 -

2 - Airbag1 +

3 - Airbag 2 +

4 - Airbag 2 -

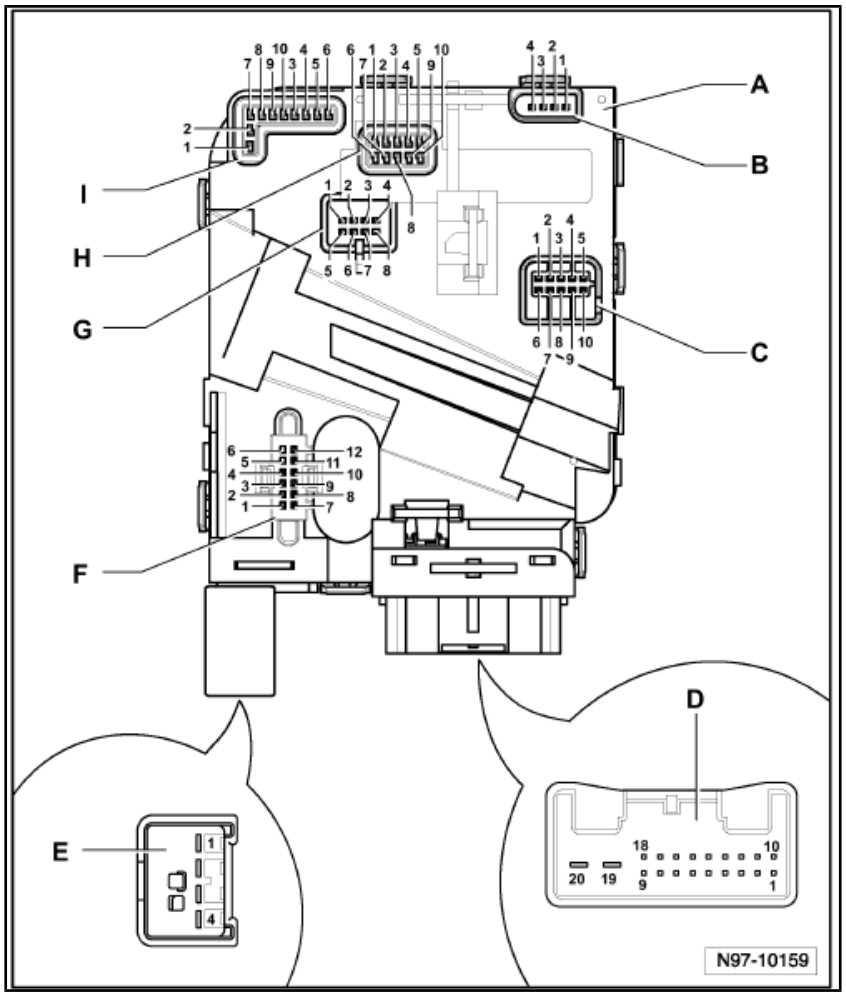
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C = Cruise control system (CCS) and turn signal support

1 - Cruise control system terminal 15 voltage supply
2 - CCS off
3 - Res (+), Set (-)
4 - CCS on/off
5 - Earth CCS
6 - Cruise control system terminal 58 illumination
7 - Flasher
8 - Main beam
9 - Turn signal
10 - Turn signal earth

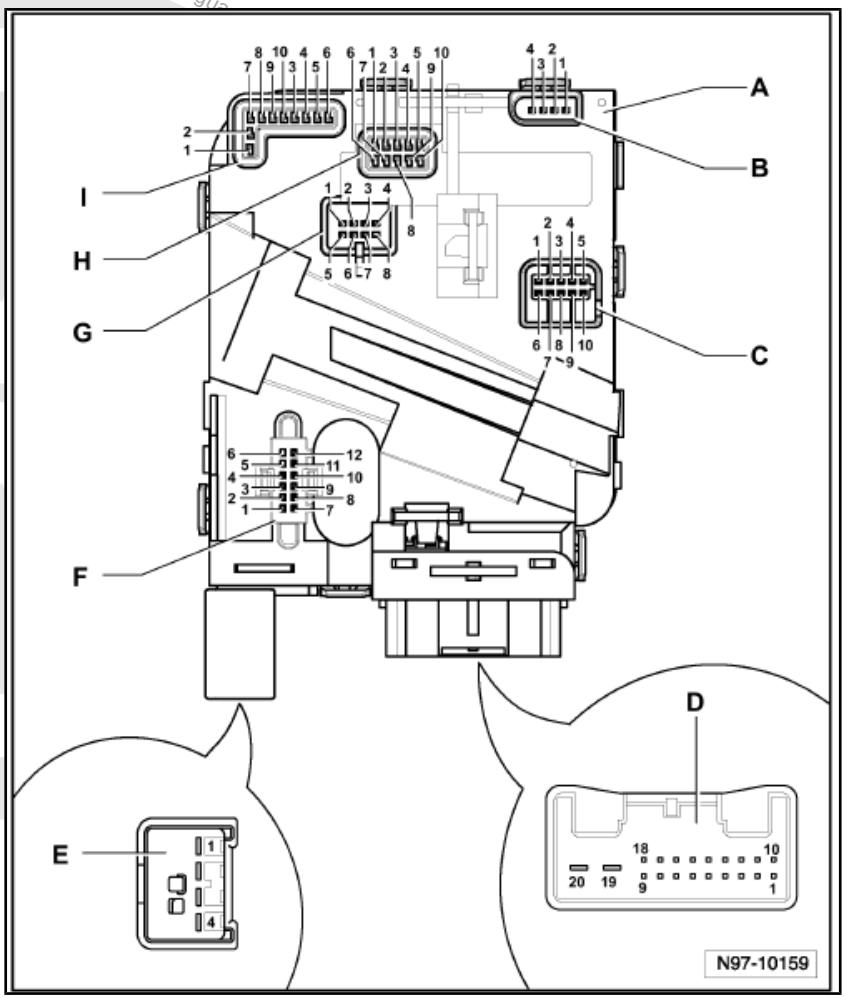


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D = 20-pin connector, on wiring harness (T20d)

1 - Vacant
2 - Vacant
3 - Vacant
4 - Vacant
5 - Vacant
6 - Vacant
7 - Vacant
8 - Vacant
9 - Vacant
10 - Vacant
11 - Diagnostic interface for powertrain CAN data bus, low
12 - Diagnostic interface for powertrain CAN data bus, high
13 - CCS Switch ON/OFF
14 - Diagnostic interface for convenience CAN data bus, high
15 - Diagnostic interface for convenience CAN data bus, low
16 - Multifunction switch, Tiptronic
17 - Terminal 15
18 - Terminal 50
19 - Terminal 30
20 - Terminal 31



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E = 4-pin connector -T4k-, on wiring harness:

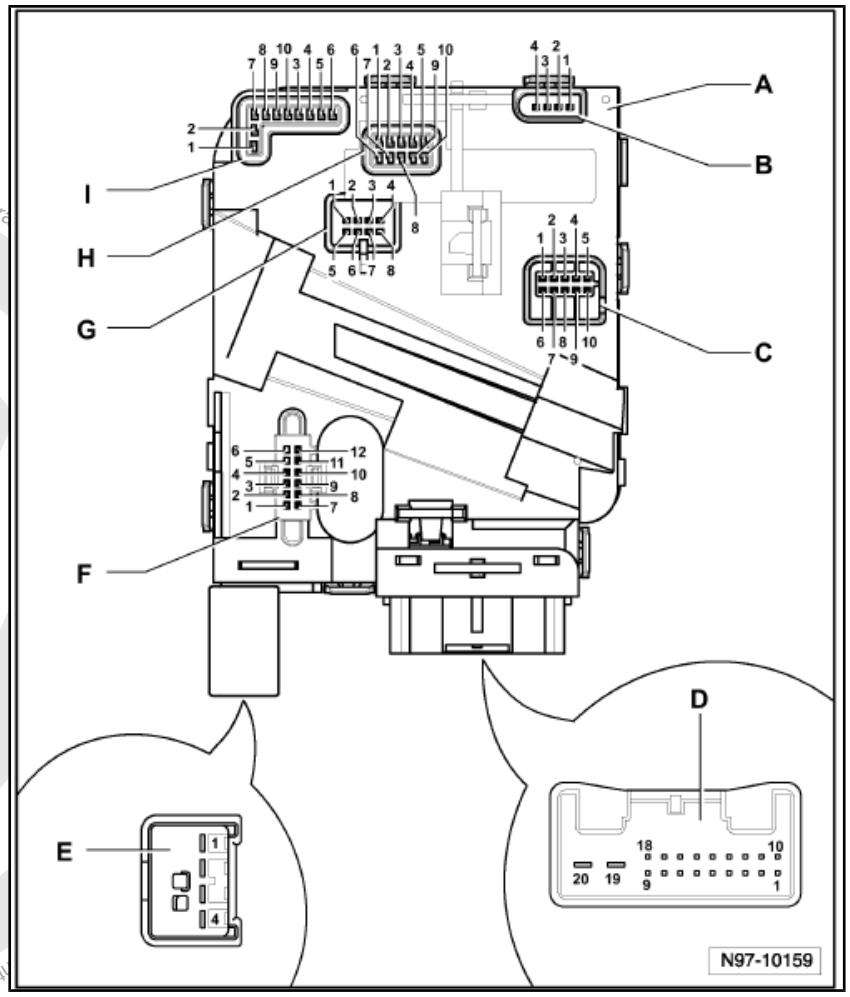
1 - Airbag 1 -

2 - Airbag 1 +

3 - Vacant

4 - Vacant

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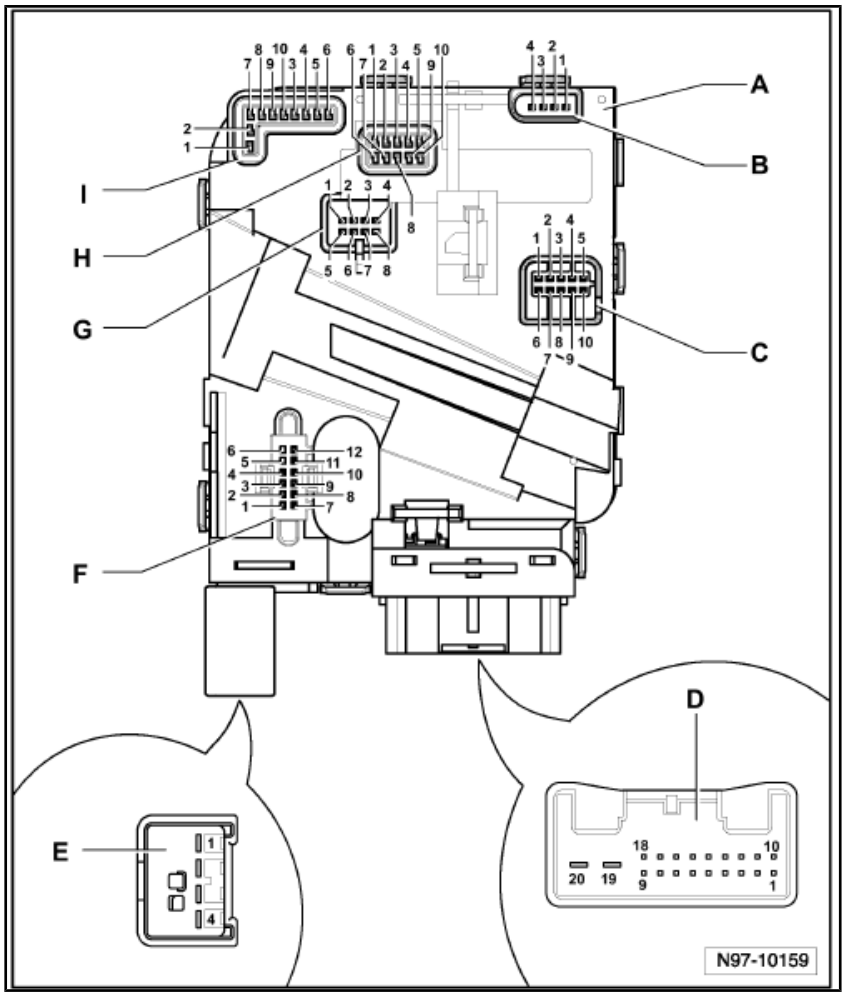


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F = Ignition/starter switch and ignition key withdrawal lock support:

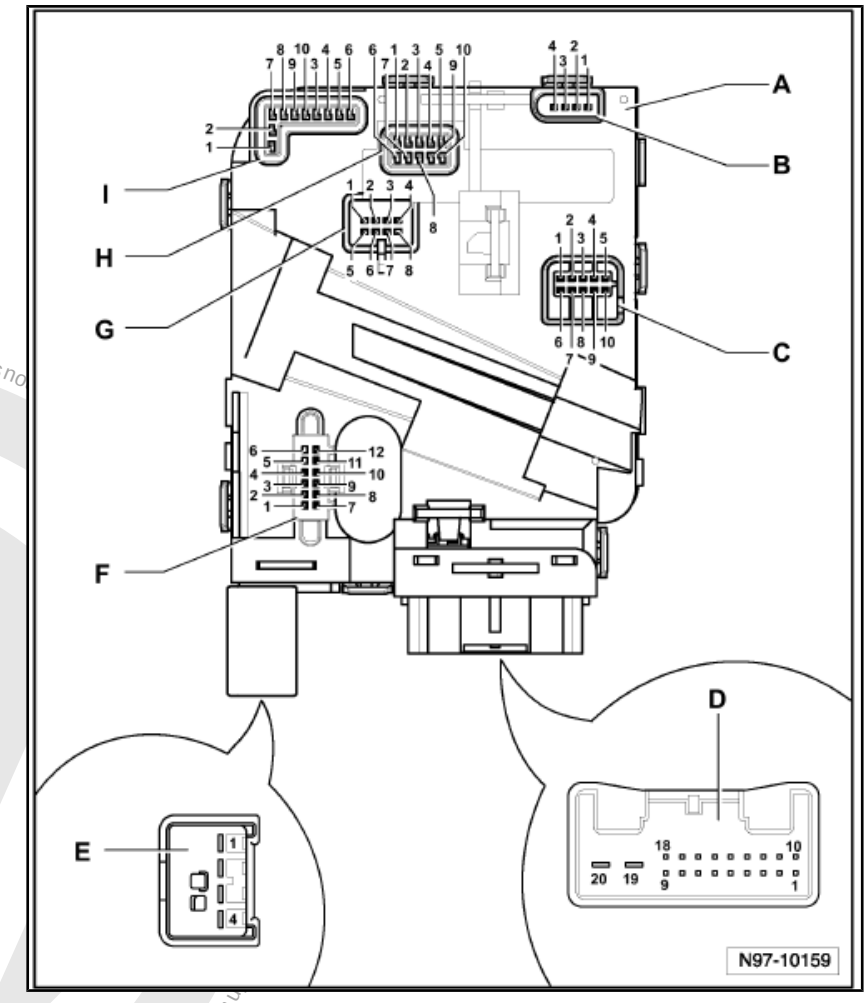
1 - Vacant
2 - Vacant
3 - Ignition key withdrawal lock on terminal 30
4 - Ignition key withdrawal lock earth
5 - Vacant
6 - Vacant
7 - Ignition/starter switch output terminal 50
8 - Ignition/starter switch terminal 30
9 - Ignition/starter switch output terminal S
10 - Ignition/starter switch output terminal X
11 - Ignition/starter switch output terminal P
12 - Ignition/starter switch output terminal 15



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G = Wiper support, interval potentiometer and multifunction system:

1 - Wiper switch signal
2 - Earth wiper
3 - Rear lid wash/wipe signal
4 - Vacant
5 - MFD signal
6 - Earth MFD, interval potentiometer
7 - Intermittent operation speeds signal
8 - Vacant



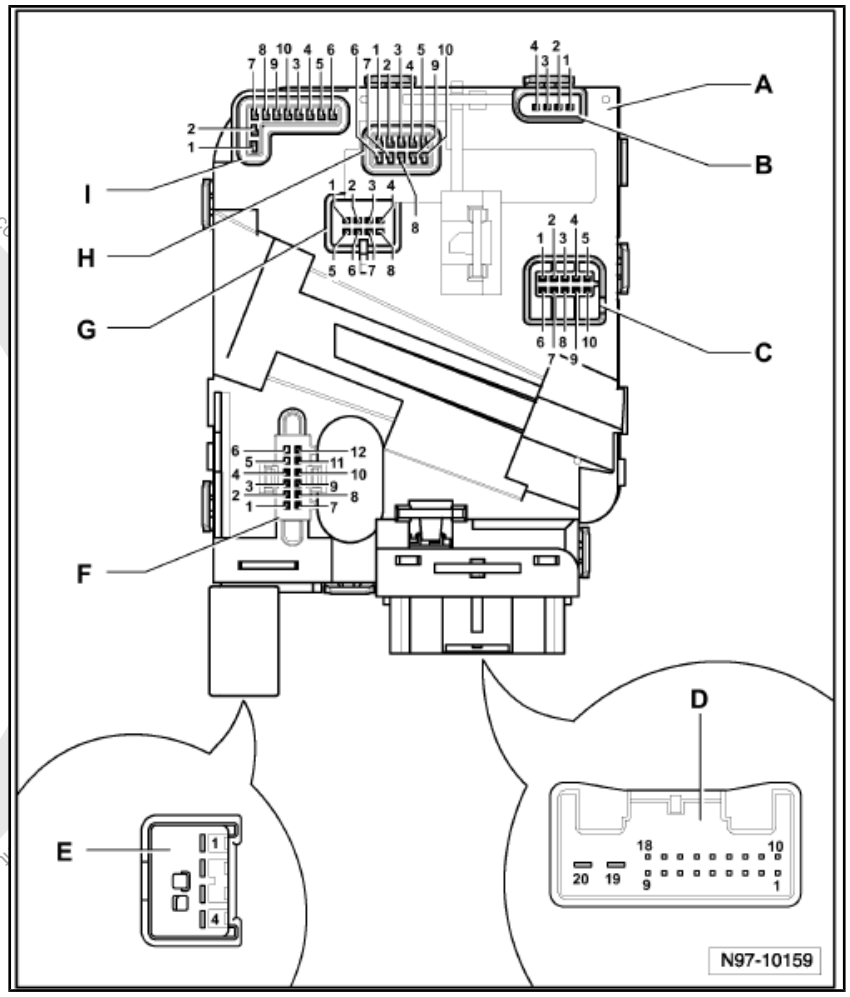
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H= Steering angle sensor support:

1 - Photoelectric beam 5
2 - Photoelectric beam 3
3 - Photoelectric beam 1
4 - 12 Volt voltage supply
5 - 5 Volt voltage supply
6 - Photoelectric beam 6
7 - Photoelectric beam 4
8 - Photoelectric beam 2
9 - Earth
10 - Photoelectric beam 7

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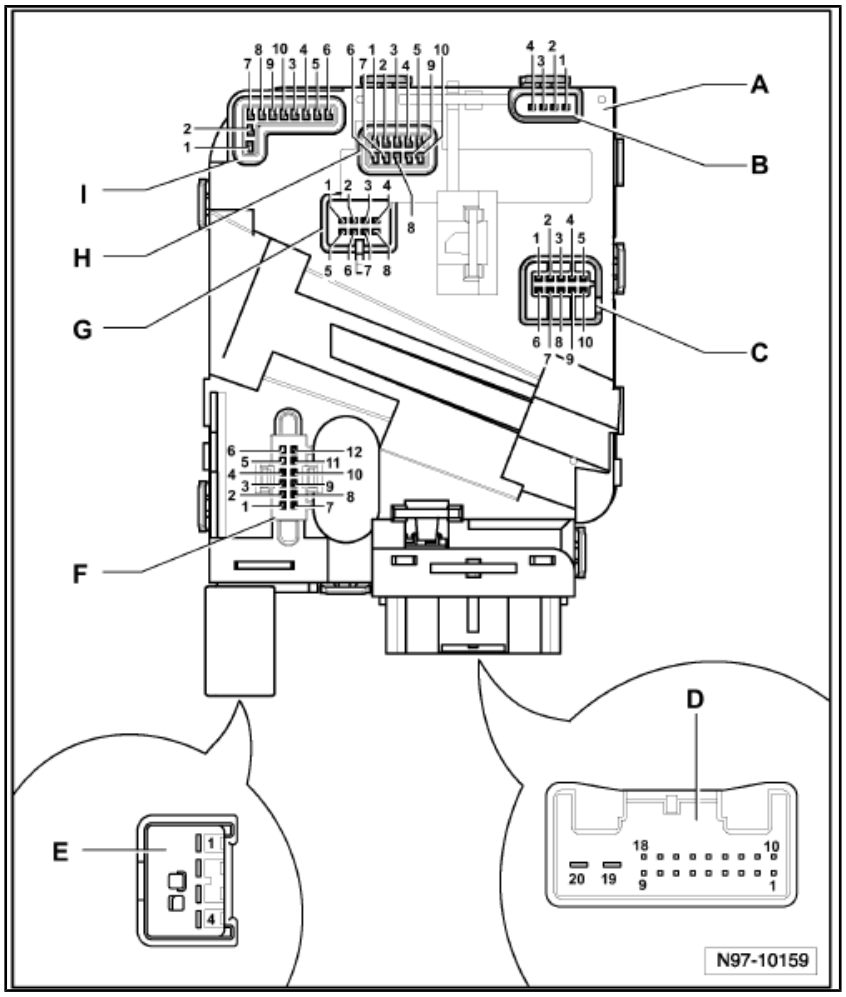


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I = Coil connector support -T10x-:

1 - Vacant
2 - Vacant
3 - Airbag 1 +
4 - Airbag 1 -
5 - Airbag 2 +
6 - Airbag 2 -
7 - Earth for coil connector, multifunction steering wheel and signal horn
8 - CCS in detent off, signal horn
9 - LIN bus, heated steering wheel temperature sensor
10 - Multifunction steering wheel voltage supply terminal 15

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1.18 Steering column electronics control unit -J527- from May 2010

1 - Steering column electronics control unit -J527-

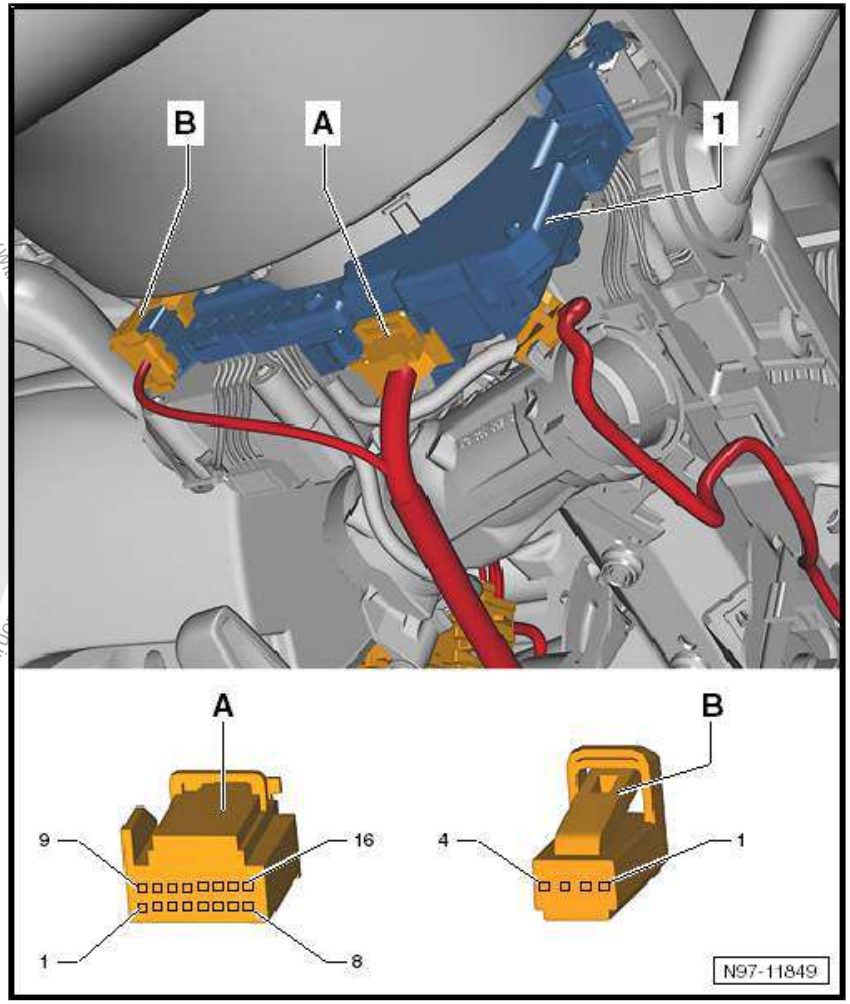
- Fitting location:

- Near steering column switch

- Connectors:

- -A- 16-pin connector -T16l-
- -B- 4-pin connector -T4k-

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1.19 Electronic steering column lock control unit -J764- from May 2010

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1 - Electronic steering column lock control unit -J764-

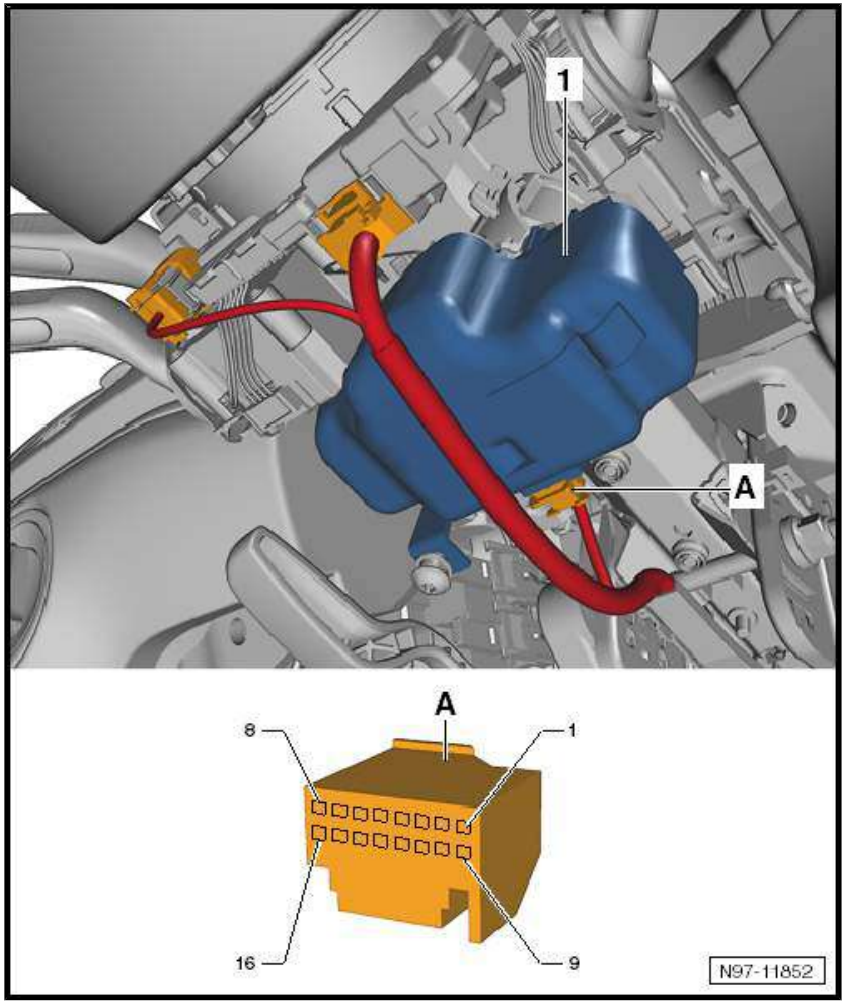
- Fitting location:

- Behind steering column trim

- Connector:

- -A- 16-pin connector -T16m-

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1.20 Entry and start authorisation control unit -J518-

1 - Entry and start authorisation control unit -J518-

- Fitting location:

- On right of steering column trim

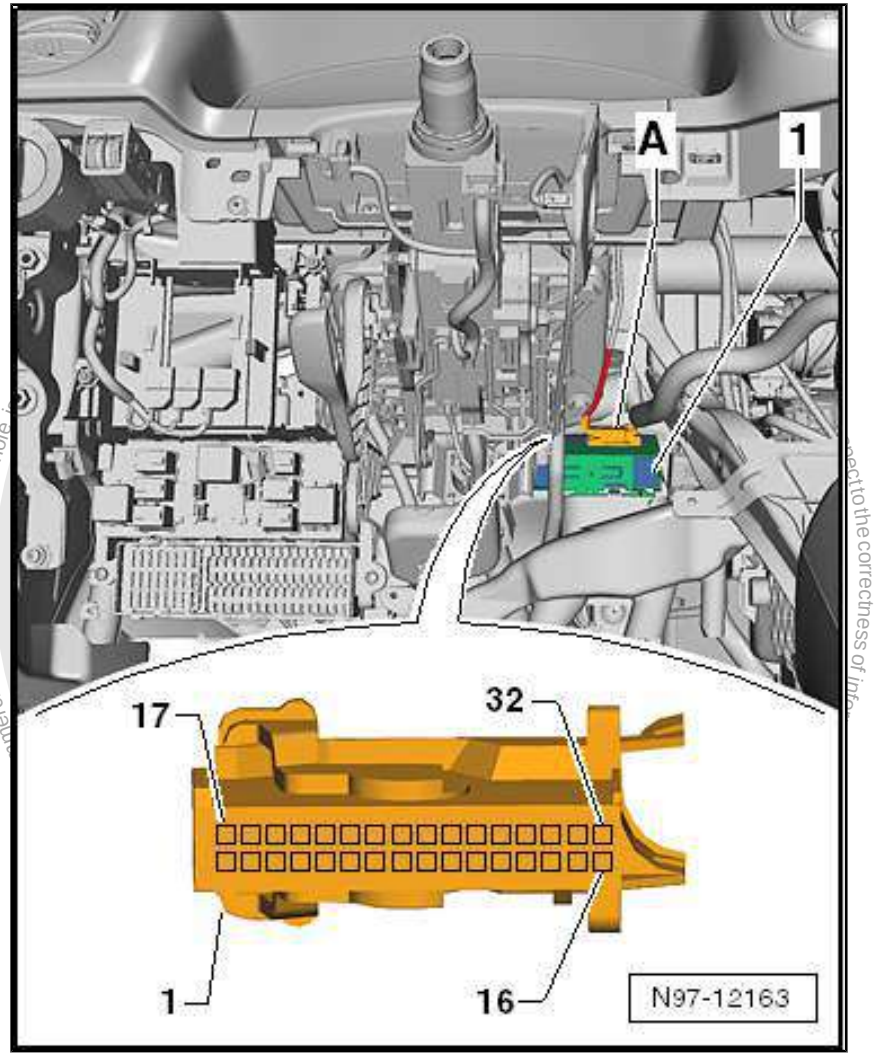
- Connector:

- -A- 32-pin connector -T32c-

Note

Fitting location RHD: behind glove compartment

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1.21 Onboard supply control unit -J519-

1.21.1 Component location: from May 2009

A - Driver seat adjustment thermal fuse 1 -S44-

B - Park assist steering control unit -J791-

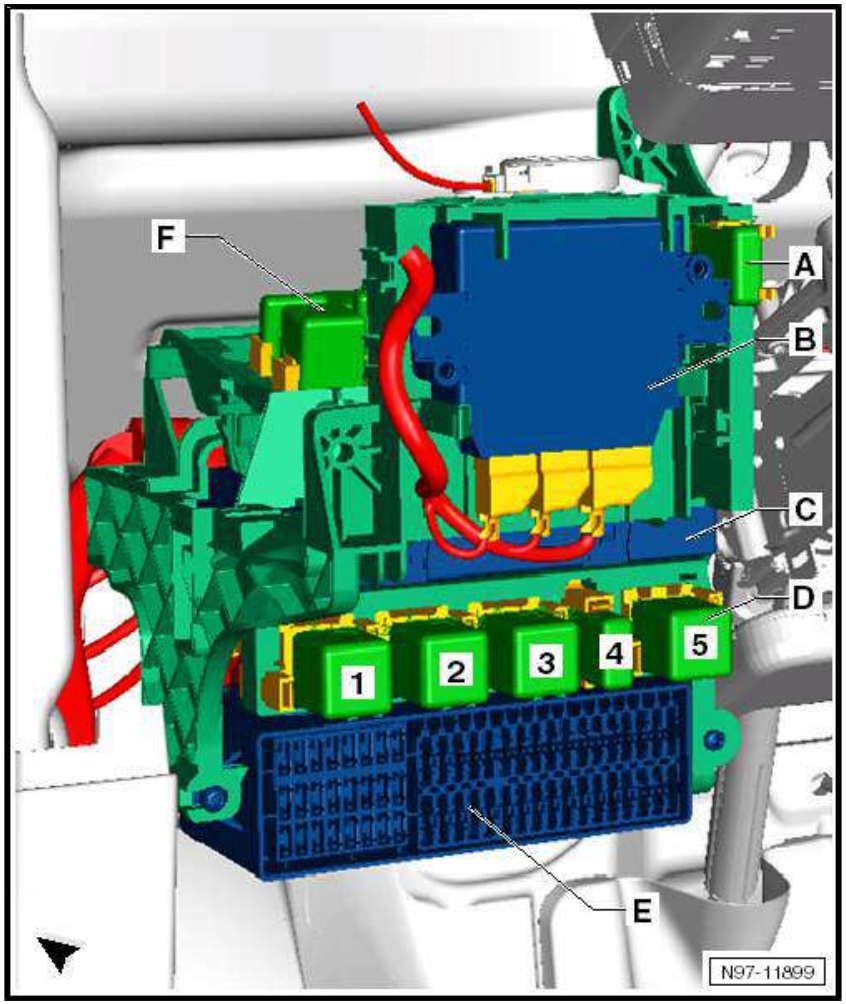
C - Onboard supply control unit -J519-

D - Relay and fuse carrier 1 -SR1-

E - Fuse holder C -SC-

F - Relay and fuse carrier 2 -SR2-

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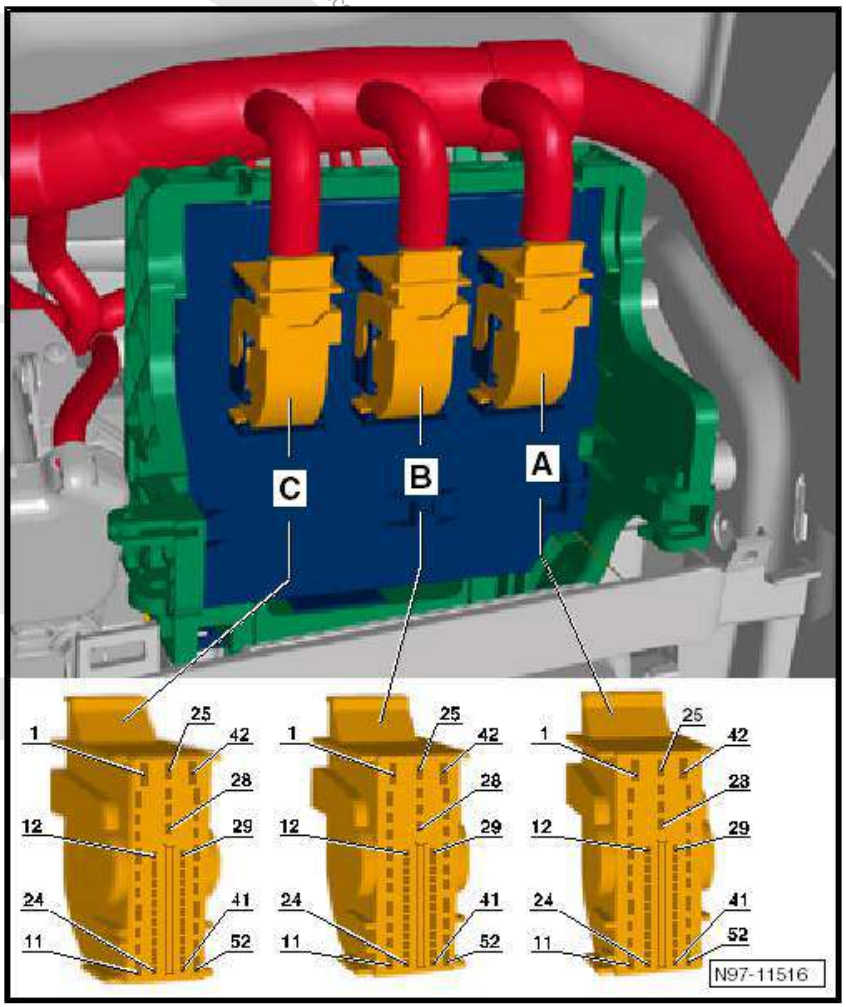
1.21.2 Connector assignment: onboard supply control unit -J519- , from May 2009

A - 52-pin connector -T52a-

B - 52-pin connector -T52b-

C - 52-pin connector -T52c-

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1.21.3 Description of signal

Connector	Pin	Terminal
-T52a- (A)	1	Left light supply input signal (30)
-T52a- (A)	2	Vacant

Connector	Pin	Terminal
-T52a- (A)	3	Right tail light output signal
-T52a- (A)	4	Left tail light output signal
-T52a- (A)	5	Left main beam output signal
-T52a- (A)	6	Vacant
-T52a- (A)	7	Vacant
-T52a- (A)	8	Vacant
-T52a- (A)	9	Rear right turn signal output signal
-T52a- (A)	10	Front left turn signal output signal
-T52a- (A)	11	Front left dip beam output signal
-T52a- (A)	12	Rear lid lock unit input signal
-T52a- (A)	13	Rear lid unlock unit input signal
-T52a- (A)	14	Bonnet contact switch input signal
-T52a- (A)	15	Vacant
-T52a- (A)	16	Reversing light switch input signal
-T52a- (A)	17	Rear fog light switch input signal
-T52a- (A)	18	Daytime running light switch input signal
-T52a- (A)	19	Tail light switch input signal
-T52a- (A)	20	Rotary light switch input signal
-T52a- (A)	21	Fog light switch input signal
-T52a- (A)	22	Dipped beam switch input signal
-T52a- (A)	23	Earth reference voltage input signal (31)
-T52a- (A)	24	Reference voltage input signal (30)
-T52a- (A)	25	Left fog light signal output
-T52a- (A)	26	Right brake light output signal
-T52a- (A)	27	Rear left tail light output signal
-T52a- (A)	28	Left reversing light signal output
-T52a- (A)	29	Rear lid lock unit input signal
-T52a- (A)	30	Vacant
-T52a- (A)	31	Vacant
-T52a- (A)	32	Vacant
-T52a- (A)	33	Vacant
-T52a- (A)	34	Vacant
-T52a- (A)	35	Rear lid unlocking switch input signal

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Connector	Pin	Terminal
-T52a- (A)	36	Interior monitoring deactivation switch input signal
-T52a- (A)	37	Vacant
-T52a- (A)	38	Vacant
-T52a- (A)	39	Vacant
-T52a- (A)	40	Vacant
-T52a- (A)	41	Vacant
-T52a- (A)	42	Central locking earth supply input signal (31)
-T52a- (A)	43	Dual washer pump output signal
-T52a- (A)	44	Front right side light output signal
-T52a- (A)	45	High-level brake light output signal
-T52a- (A)	46	Tank filler flap output signal
-T52a- (A)	47	Vacant
-T52a- (A)	48	Vacant
-T52a- (A)	49	Vacant
-T52a- (A)	50	Vacant
-T52a- (A)	51	Vacant
-T52a- (A)	52	Vacant
-T52b- (B)	1	Central locking supply input signal (30)
-T52b- (B)	2	Dual washer pump output signal
-T52b- (B)	3	Vacant
-T52b- (B)	4	Vacant
-T52b- (B)	5	Tank filler flap output signal
-T52b- (B)	6	Vacant
-T52b- (B)	7	Vacant
-T52b- (B)	8	Vacant
-T52b- (B)	9	Vacant
-T52b- (B)	10	Vacant
-T52b- (B)	11	Rear lid locking output signal
-T52b- (B)	12	Relay supply of terminal 15 output signal
-T52b- (B)	13	Vacant
-T52b- (B)	14	Vacant
-T52b- (B)	15	Instrument illumination switch input signal
-T52b- (B)	16	Vacant

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Connector	Pin	Terminal
-T52b- (B)	17	Vacant
-T52b- (B)	18	Vacant
-T52b- (B)	19	Vacant
-T52b- (B)	20	Vacant
-T52b- (B)	21	Seat heating control unit output signal
-T52b- (B)	22	Heated rear window output relay
-T52b- (B)	23	Vacant
-T52b- (B)	24	Hazard warning button LED input signal
-T52b- (B)	25	Vacant
-T52b- (B)	26	Vacant
-T52b- (B)	27	Vacant
-T52b- (B)	28	Terminal 75 relay output signal
-T52b- (B)	29	Terminal 50 relay output signal
-T52b- (B)	30	Instrument illumination switch output signal (earth)
-T52b- (B)	31	Vacant
-T52b- (B)	32	Vacant
-T52b- (B)	33	LIN bus wiper; rain sensor
-T52b- (B)	34	Vacant
-T52b- (B)	35	Vacant
-T52b- (B)	36	LIN Bus anti-theft alarm system
-T52b- (B)	37	Anti-theft alarm LED output signal (earth)
-T52b- (B)	38	Auxiliary heater fuel pump relay output signal
-T52b- (B)	39	Vacant
-T52b- (B)	40	Headlight washer system relay output signal
-T52b- (B)	41	Dual tone horn relay output signal
-T52b- (B)	42	Terminal 30 supply input signal
-T52b- (B)	43	Anti-theft alarm LED output signal
-T52b- (B)	44	Vacant
-T52b- (B)	45	Vacant
-T52b- (B)	46	Vacant
-T52b- (B)	47	Vacant
-T52b- (B)	48	Vacant
-T52b- (B)	49	Vacant

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Connector	Pin	Terminal
-T52b- (B)	50	Footwell light output signal
-T52b- (B)	51	Instrument and switch illumination output signal (58d)
-T52b- (B)	52	Left light earth input signal
-T52c- (C)	1	Anti-theft alarm supply input signal (30a)
-T52c- (C)	2	Alarm horn ATA (NAR) output signal
-T52c- (C)	3	Rear right tail light output signal
-T52c- (C)	4	Left brake light output signal
-T52c- (C)	5	Right light earth supply input signal
-T52c- (C)	6	Vacant
-T52c- (C)	7	Hazard warning light button input signal
-T52c- (C)	8	Vacant
-T52c- (C)	9	Vacant
-T52c- (C)	10	Interior light output signal
-T52c- (C)	11	Vacant
-T52c- (C)	12	Vacant
-T52c- (C)	13	Ignition/starter switch output signal
-T52c- (C)	14	Ignition/start switch terminal 50 input signal
-T52c- (C)	15	Convenience CAN bus HIGH
-T52c- (C)	16	Convenience CAN bus LOW
-T52c- (C)	17	Brake light switch signal input
-T52c- (C)	18	Vacant
-T52c- (C)	19	Vacant
-T52c- (C)	20	Vacant
-T52c- (C)	21	Vacant
-T52c- (C)	22	Vacant
-T52c- (C)	23	Vacant
-T52c- (C)	24	Vacant
-T52c- (C)	25	Right fog light output signal
-T52c- (C)	26	Front left side light output signal
-T52c- (C)	27	Registration plate lights output signal
-T52c- (C)	28	Right reversing light signal output
-T52c- (C)	29	Vacant
-T52c- (C)	30	Selector position P/N (automatic gearbox) input signal

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Connector	Pin	Terminal
-T52c- (C)	31	Ignition/starter switch output signal (15)
-T52c- (C)	32	Generator input signal
-T52c- (C)	33	Vacant
-T52c- (C)	34	Vacant
-T52c- (C)	35	Instrument illumination switch input signal
-T52c- (C)	36	Vacant
-T52c- (C)	37	Vacant
-T52c- (C)	38	Vacant
-T52c- (C)	39	Vacant
-T52c- (C)	40	Vacant
-T52c- (C)	41	Vacant
-T52c- (C)	42	Supply input signal (30), right light
-T52c- (C)	43	Vacant
-T52c- (C)	44	Vacant
-T52c- (C)	45	Vacant
-T52c- (C)	46	Left main beam output signal
-T52c- (C)	47	Rear fog light output signal
-T52c- (C)	48	Left xenon headlight output signal
-T52c- (C)	49	Right xenon headlight output signal
-T52c- (C)	50	Front right turn signal output signal
-T52c- (C)	51	Rear left turn signal output signal
-T52c- (C)	52	Front right dipped beam output signal

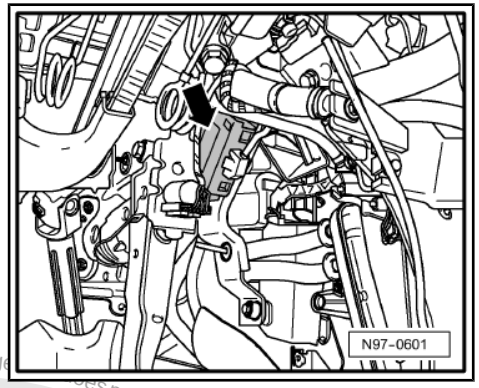
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1.22 Data bus diagnostic interface -J533-

1.22.1 Fitting location:

- Data bus diagnostic interface -J533-

In driver's footwell, near centre console -arrow-



Note

Fitting location RHD: behind glove compartment

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1.23 Voltage stabiliser -J532-

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1 - Voltage stabiliser -J532-

- Fitting location:

- ❑ behind glove compartment

- Connector from November 2009

- ❑ -A- 10-pin connector -T10sw-

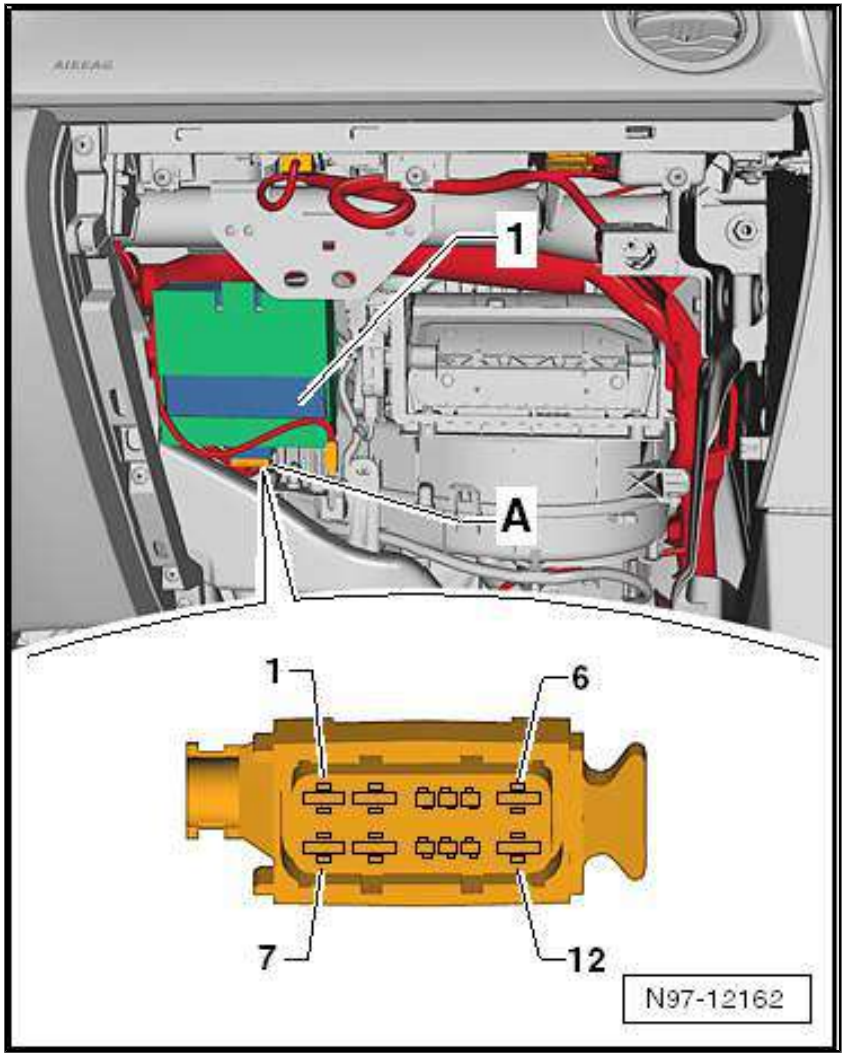
- Connector from May 2011

- ❑ -A- 12-pin connector -T12sw-

Note

Fitting location RHD: on left next to steering column trim

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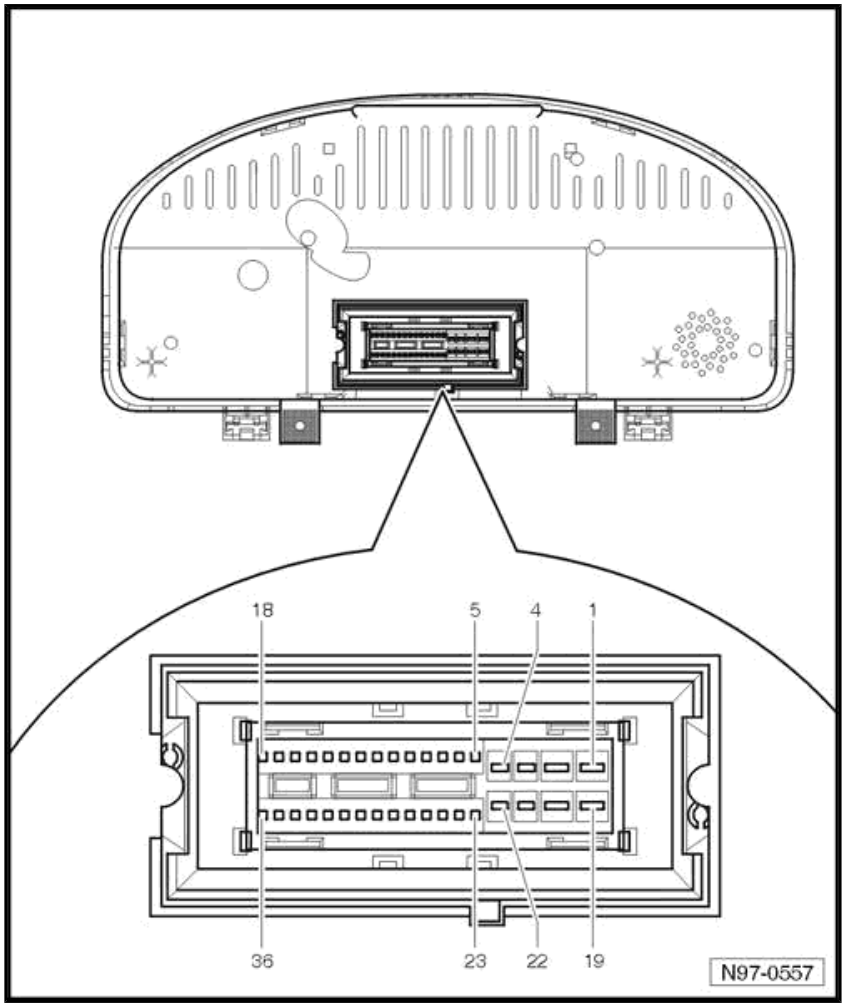


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1.24 Control unit in dash panel insert -J285-

1.24.1 Connector assignment: from November 2007

1 - Voltage supply positive, terminal 15
2 - Voltage supply positive, terminal 30
3 - Vacant
4 - Vacant
5 - Brake fluid level warning contact
6 - Handbrake warning switch
7 - Immobiliser reader coil 1
8 - Immobiliser reader coil 2
9 - Vacant
10 - Vacant
11 - Vacant
12 - Diagnostic interface for dash panel insert CAN data bus, low
13 - Diagnostic interface for dash panel insert CAN data bus, high
14 - Vacant
15 - Diagnostic interface for dash panel insert CAN data bus exciter wire
16 - Fuel gauge sender (4 Motion)
17 - Fuel gauge sender (full)
18 - Fuel gauge sender (empty)
19 - Terminal 31 (load)
20 - Vacant
21 - Vacant
22 - Front left brake pad wear sender
23 - Fuel gauge sender
24 - Vacant
25 - Oil pressure switch



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26 - Oil level and oil temperature sender

27 - Vacant

28 - Vacant

29 - Vacant

30 - Vacant

31 - Vacant

32 - Vacant

33 - Terminal 31, sensor earth

34 - Washer fluid level warning lamp

35 - Coolant temperature and coolant shortage warning lamp

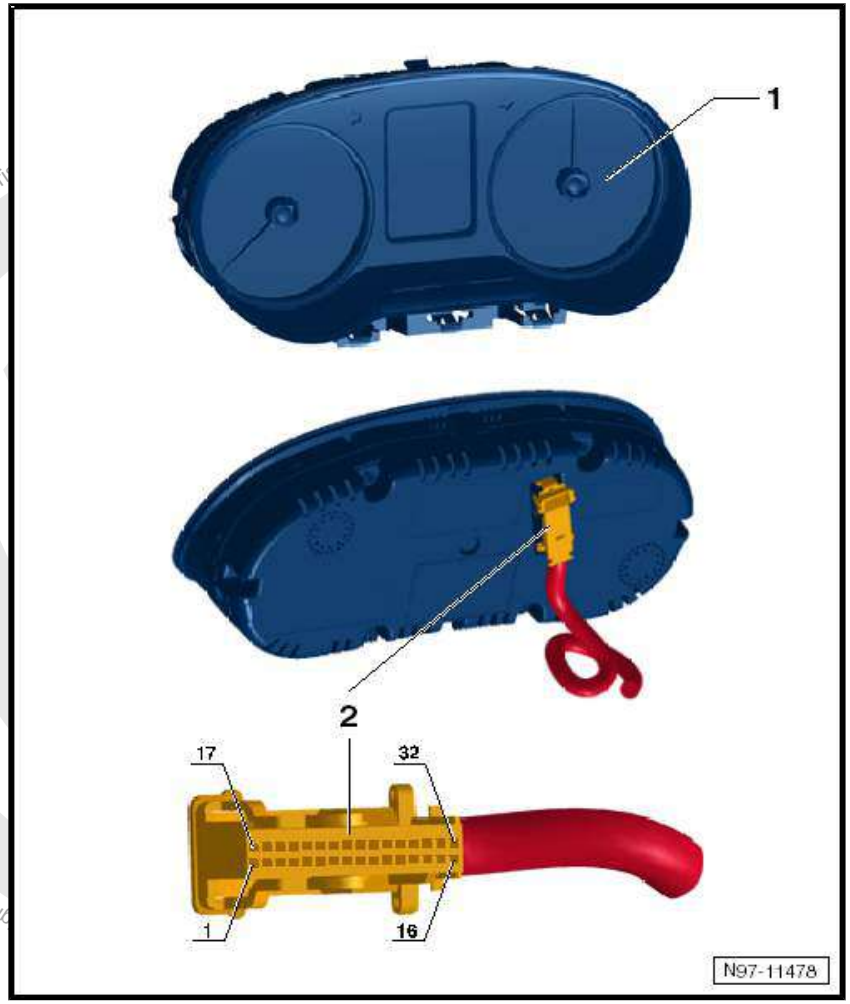
36 - Ambient temperature sensor

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1.24.2 Connector assignment: from May 2009

1 - Fuel gauge sender -G- (full)
2 - Fuel gauge sender -G- (empty)
3 - Fuel gauge 2 sender (full)
4 - Not assigned Fuel gauge 2 sender (empty)
5 - Vacant
6 - Vacant
7 - Immobiliser reader coil -D2-
8 - Immobilizer reader coil 2 -D3-
9 - Speedometer output
10 - Vacant
11 - Oil level and oil temperature sender -G266-
12 - Vacant
13 - Vacant
14 - Vacant
15 - Front left brake pad wear sender -G34-
16 - Terminal 31, load earth
17 - Washer fluid level warning lamp -K37-
18 - Coolant temperature and coolant shortage warning lamp -K28-
19 - Ambient temperature sensor -G17-
20 - Terminal 31, sensor earth
21 - Vacant
22 - Vacant
23 - Vacant
24 - Vacant
25 - Handbrake warning lamp -K139-
26 - Brake fluid level warning lamp -K33-
27 - Oil pressure warning lamp -K3-



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28 - Data bus diagnostic interface -J533- (CAN High)

29 - Data bus diagnostic interface -J533- (CAN Low)

30 - Vacant

31 - Fuse 6 on fuse holder B -SB6- (terminal 15)

32 - Positive connection 8 (30a) in dash panel wiring harness -B504- (terminal 30)

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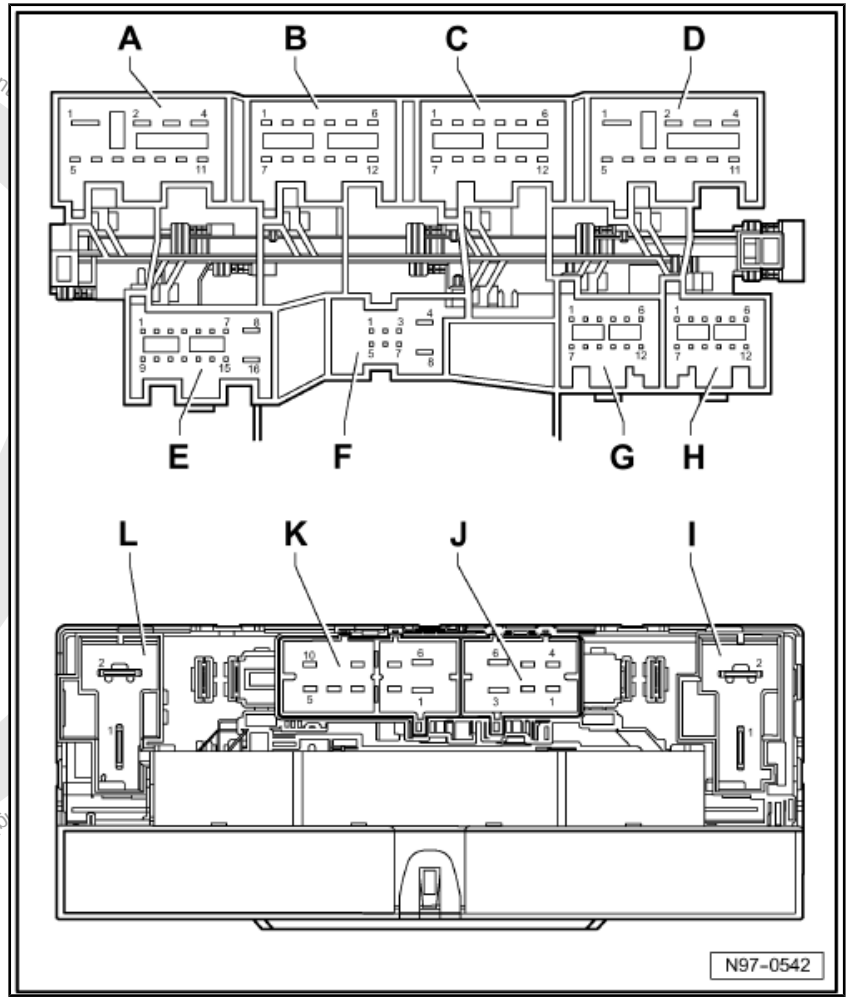
1.25 Onboard supply control unit -J519-

1.25.1 Connector assignment: from November 2007

A = 11-pin connector:

1 - Terminal 30
2 - Right dipped beam bulb/ right gas discharge light control unit
3 - Right main beam bulb (not for xenon)
4 - Right fog light bulb
5 - Right dipped beam screen motor (xenon)
6 - Front right turn signal bulb
7 - Left side light bulb
8 - Left tail light 2 bulb
9 - Earth
10 - Fuel pump control unit
11 - Terminal 50 voltage supply relay

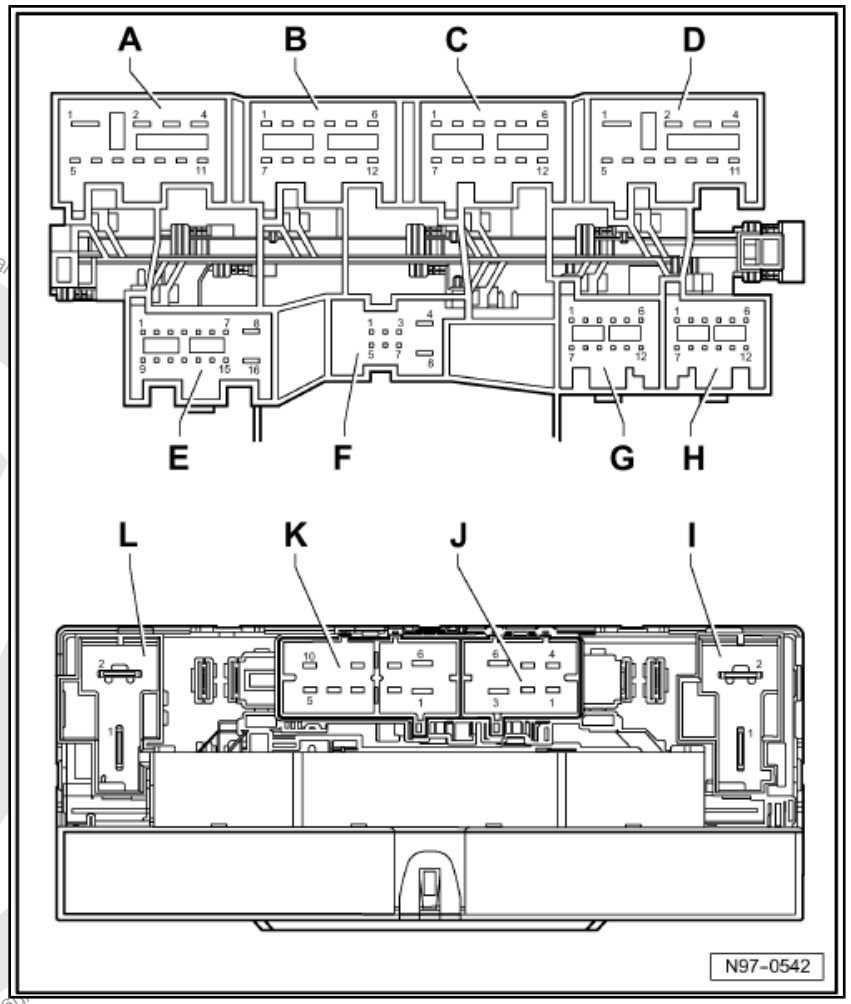
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B = 12-pin connector:

1 - Right reversing light bulb, automatic anti-dazzle interior mirror
2 - Vacant
3 - Vacant
4 - Rear left fog light bulb
5 - Right brake and tail light bulb
6 - Vacant
7 - Footwell lighting bulb front left, footwell lighting bulb front right
8 - Vacant
9 - Right tail light/brake light Lamp
10 - Rear right turn signal bulb
11 - Left interior light, right interior light, button illumination bulb
12 - Terminal 58d



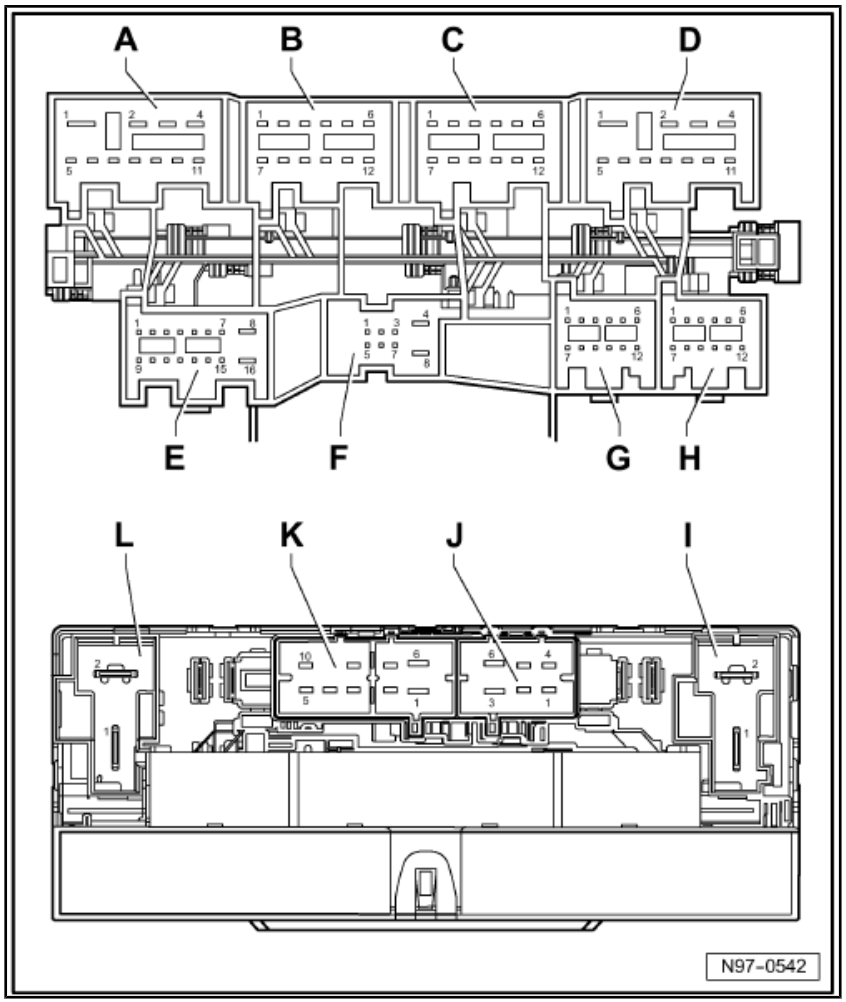
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C = 12-pin connector

1 - Front heated seats control module - J 774-, seat heating deactivation
2 - Left brake and tail light bulb
3 - Vacant
4 - Vacant
5 - Vacant
6 - Vacant
7 - Vacant
8 - Number plate light
9 - Additional brake light bulb
10 - Left tail light/brake light lamp
11 - Rear left turn signal bulb
12 - Left reversing light bulb

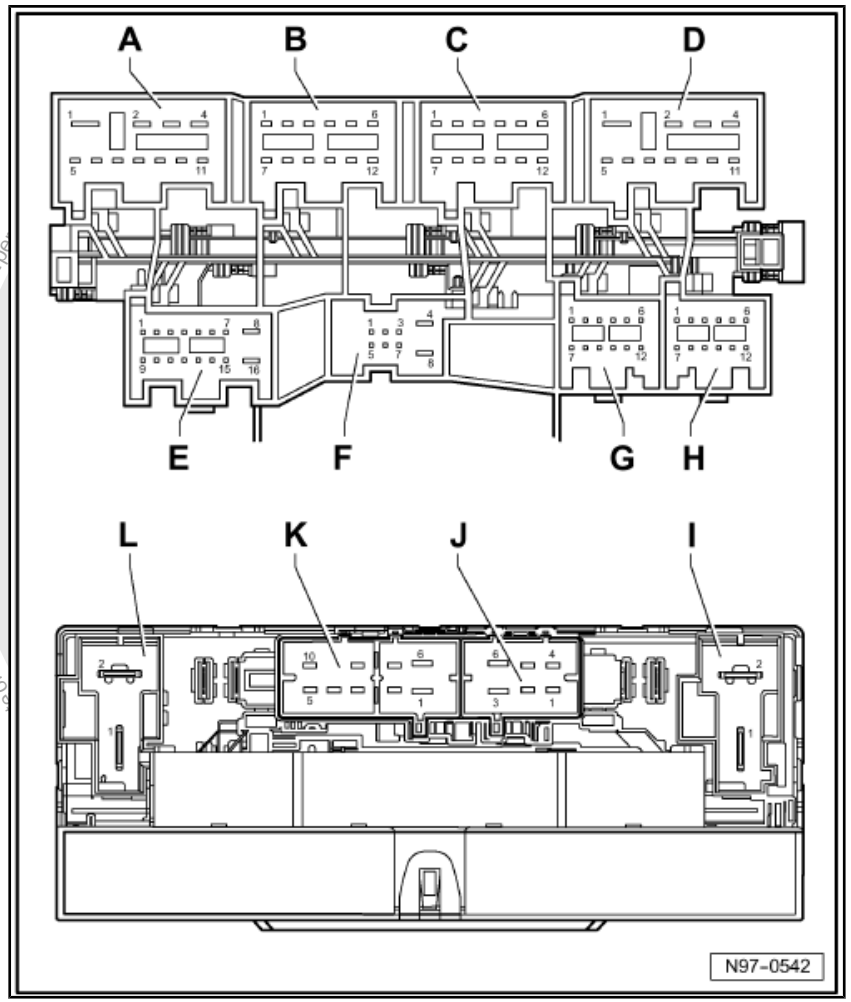
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D = 11-pin connector:

1 - Terminal 30
2 - Left fog light bulb
3 - Left headlight main beam bulb
4 - Left headlight dipped beam bulb
5 - Earth
6 - Left dipped beam screen motor
7 - Vacant
8 - Headlight washer system relay
9 - Right tail light 2 bulb
10 - Front right side light bulb
11 - Front left turn signal bulb

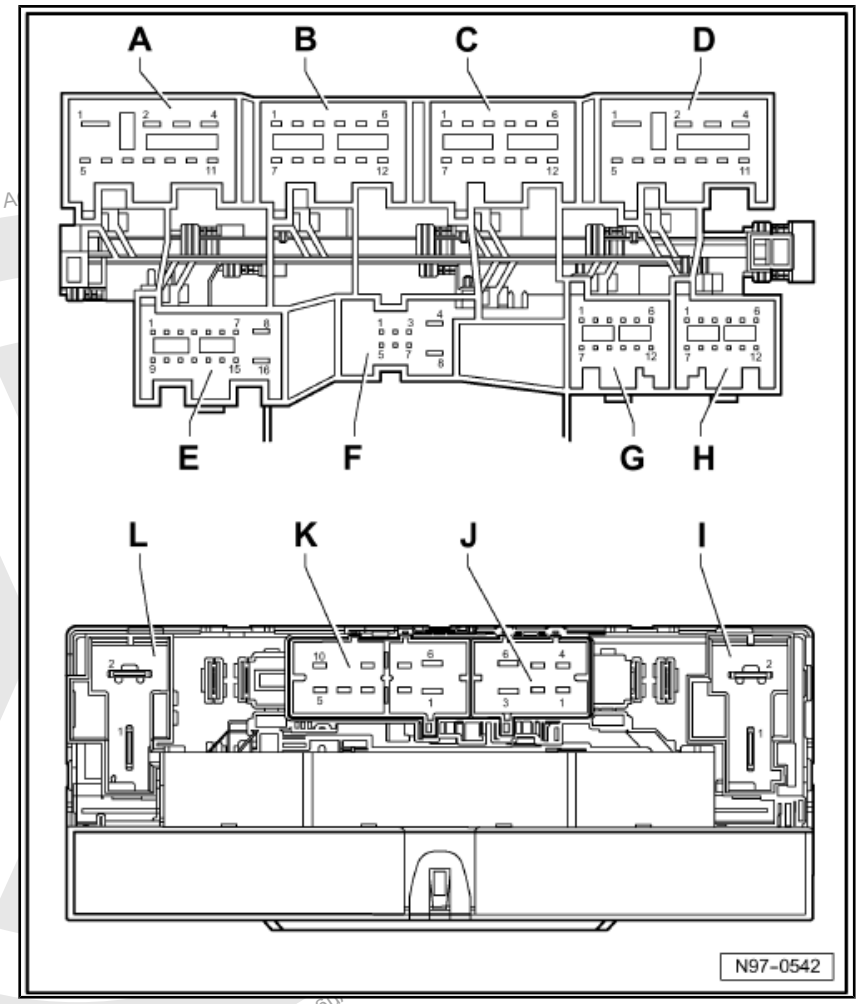


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E = 16-pin connector:

1 - Lighting switch terminal 58
2 - Brake light switch
3 - Vacant
4 - Vacant
5 - Vacant
6 - Fog light switch
7 - Earth (only models with manual gearbox not for American markets)
7 - Clutch position sender (only models with manual gearbox for American markets)
8 - Lighting switch terminal 56
9 - Vacant
10 - Vacant
11 - Vacant
12 - Vacant
13 - Rear fog light switch
14 - Light switch, driving light assist
15 - Vacant
16 - Light switch (daytime running lights)

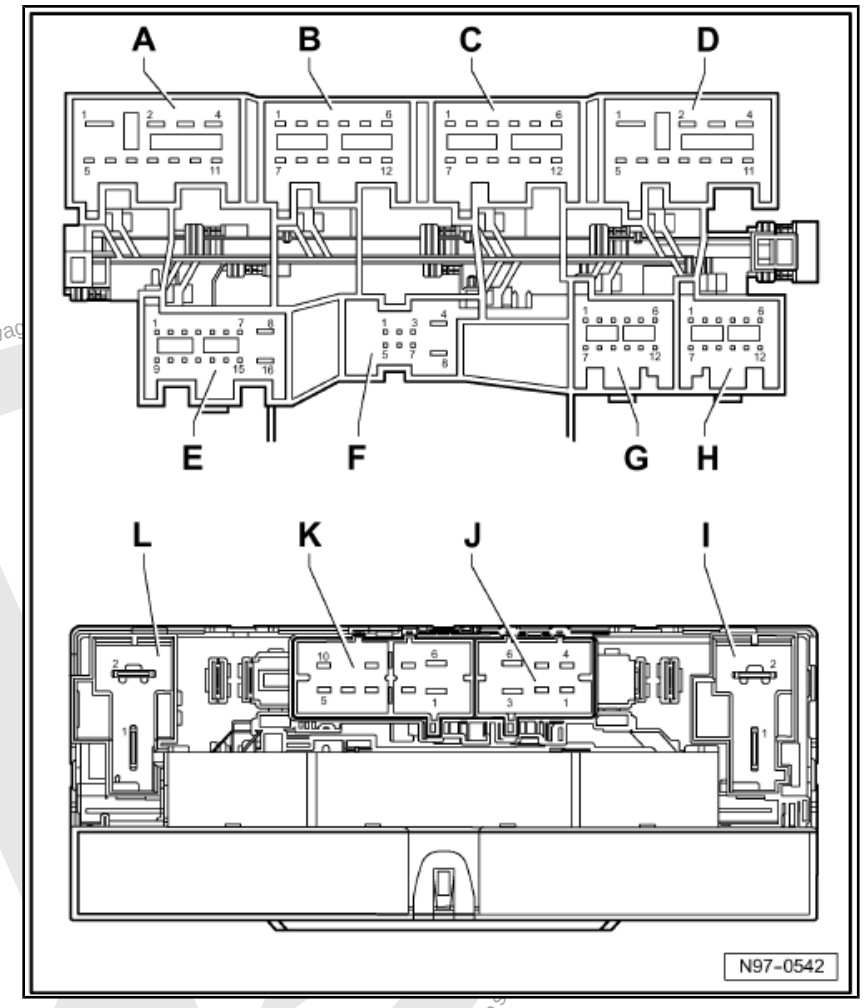


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F = 8-pin connector:

1 - Terminal 50 voltage supply relay
2 - Vacant
3 - Windscreen wiper motor, rain and light sensor (LIN bus)
4 - Alternator
5 - Bonnet contact switch
6 - Reversing light switch
7 - Terminal 30
8 - Terminal 31

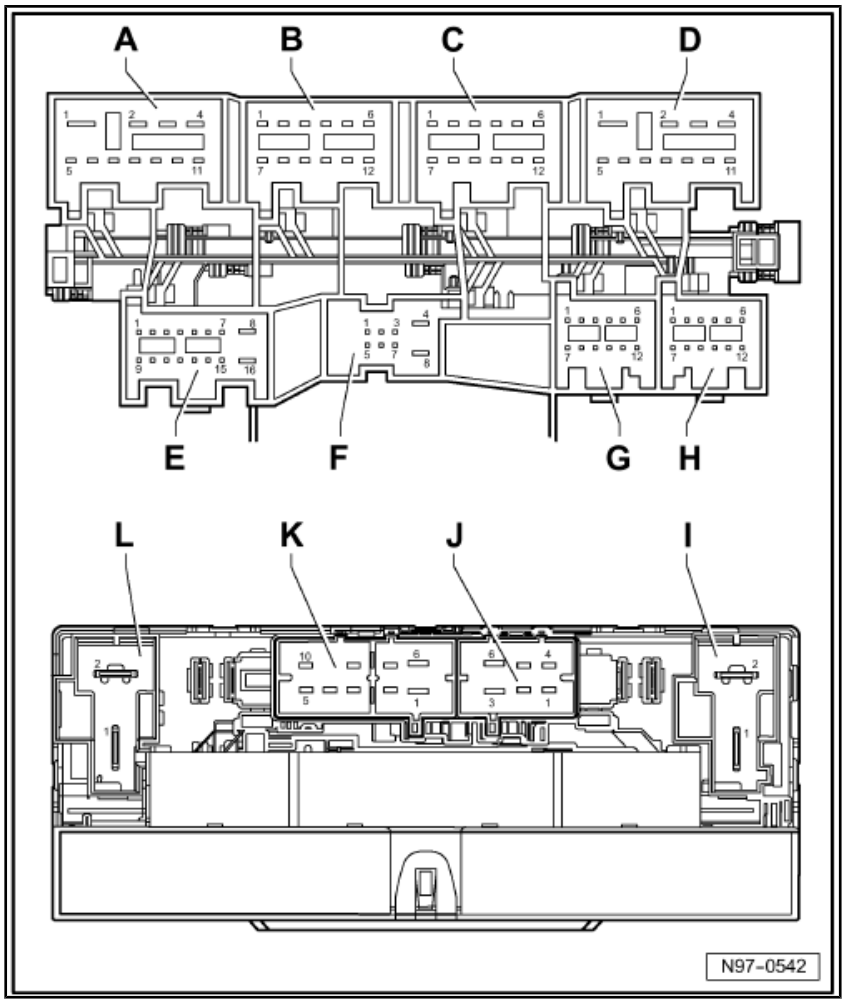


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G = 12-pin connector:

1 - Steering column electronics control unit terminal 50
2 - Indicator lamp for hazard warning light
3 - Vacant
4 - Switch and instrument illumination regulator
5 - Vacant
6 - Vacant
7 - Convenience CAN bus low
8 - Convenience CAN bus high
9 - Hazard warning light switch
10 - Switch and instrument illumination regulator
11 - Steering column electronics control unit terminal 15
12 - Switch and instrument illumination regulator



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H = 12-pin connector

Note

Connector H is not assigned.

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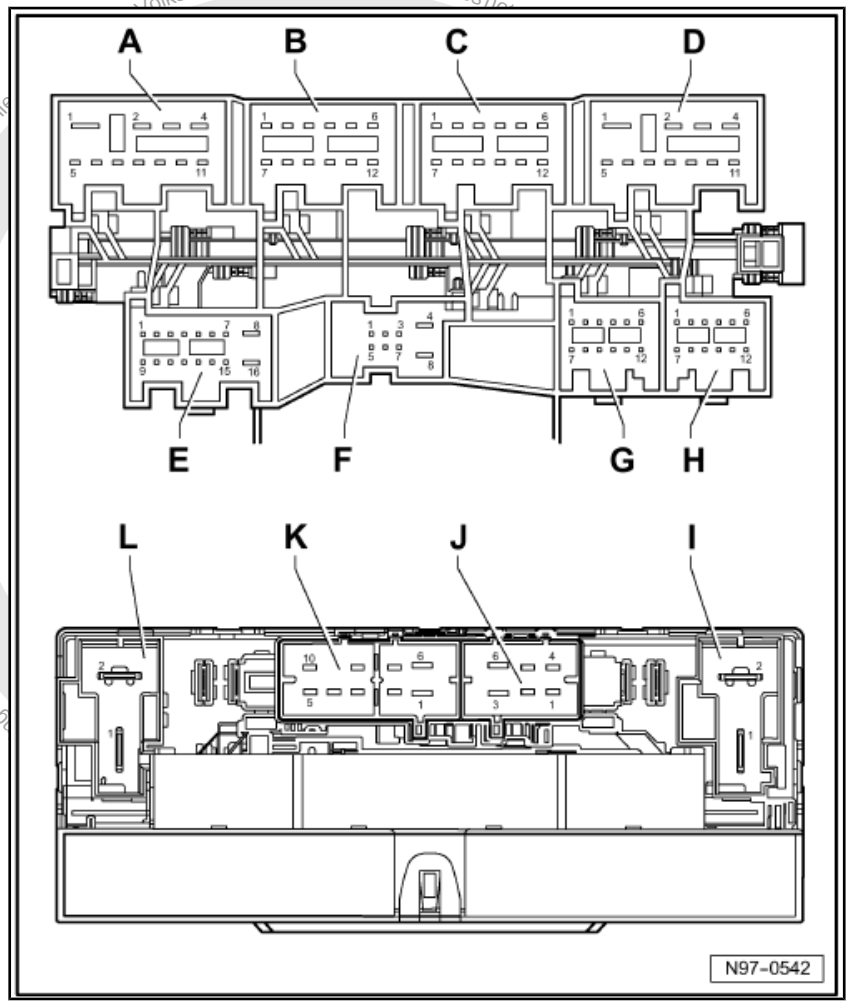
I = 2-pin connector:

1 - Fuses terminal 30

2 - Terminal 75a

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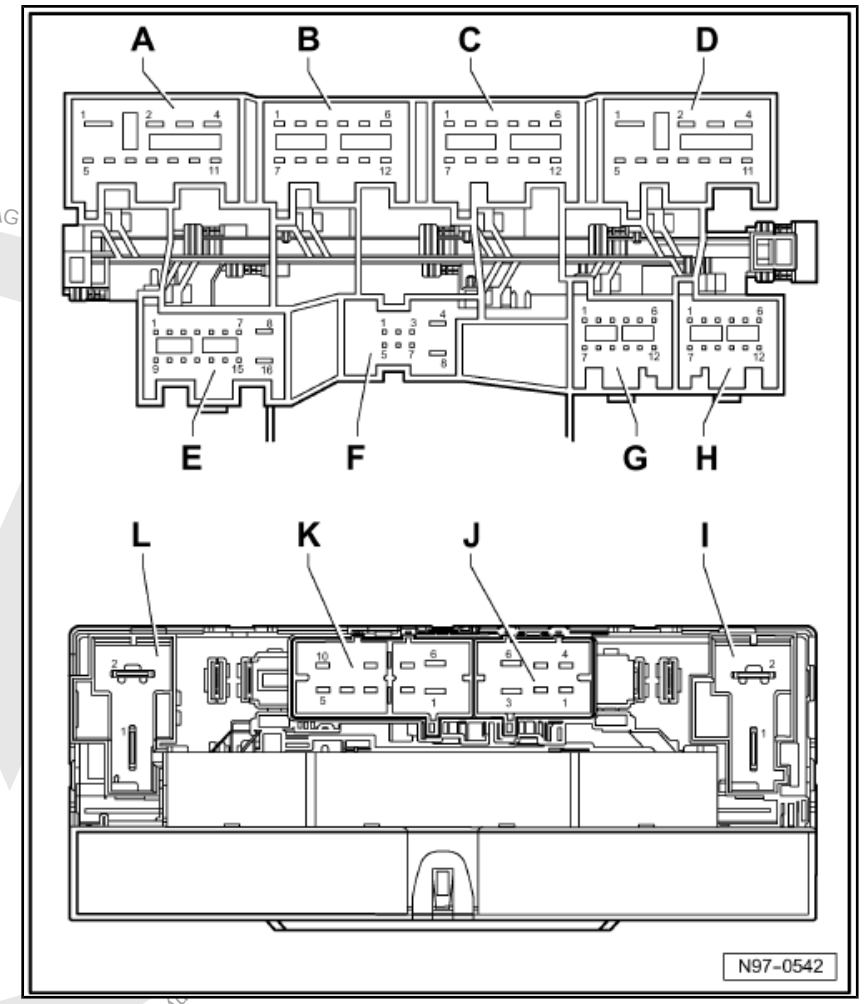
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J = 6-pin connector:

1 - Washer pump fuse
2 - Washer pump
3 - Horn fuse
4 - Washer pump
5 - Earth
6 - Treble tone horn, bass tone horn

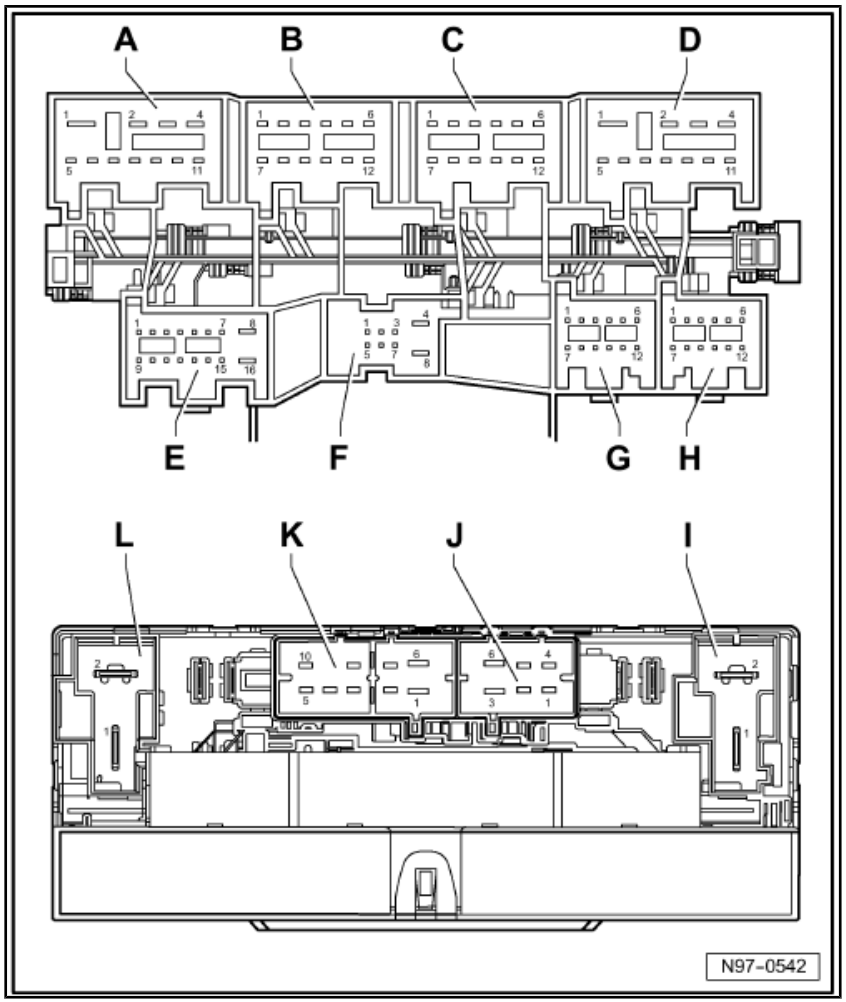
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K = 10-pin connector:

1 - Heated rear window
2 - Vacant
3 - Vacant
4 - Vacant
5 - Fuse terminal 30
6 - Heated rear window single fuse
7 - Vacant
8 - Vacant
9 - Vacant
10 - Terminal 30g



Back to overview: ⇒ page 1

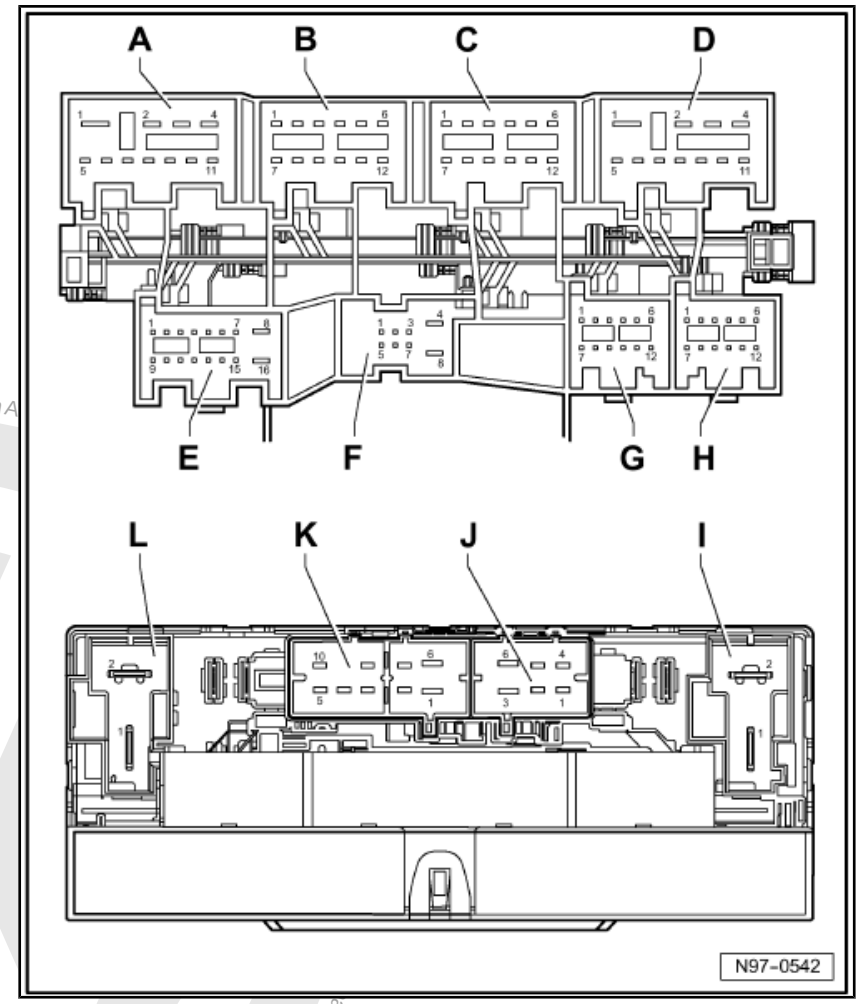
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L = 2-pin connector:

1 - Fuse terminal 30

2 - Interior terminal 15

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1 Control units in luggage compartment

1.1 Overview of control units

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1 - Fuel pump control unit -J538-
- ❑ Near rear right fuel level sensor

2 - Reversing camera system control unit -J772-
- ❑ Fitting location ⇒ page 2

3 - Remote control receiver for auxiliary coolant heater -R149-
- ❑ Fitting location ⇒ page 2

4 - Parking aid control unit -J446-
- ❑ Fitting location ⇒ page 2
- ❑ Connector assignment ⇒ page 4

4 - Tyre Pressure Monitoring System control unit -J502-
- ❑ Fitting location ⇒ page 2

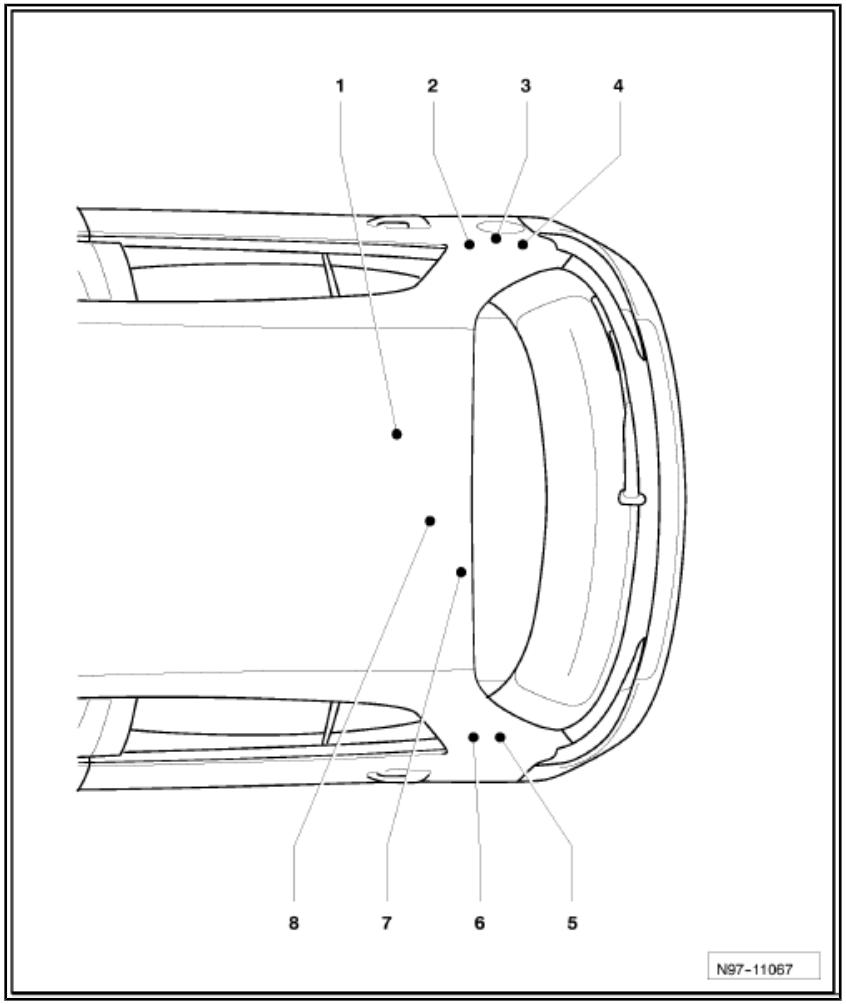
5 - Trailer detector control unit J345
- ❑ Fitting location ⇒ page 6
- ❑ Connector assignment ⇒ page 6

6 - Electronically controlled damping control unit -J250-
- ❑ Fitting location ⇒ page 6

7 - Magnetic field sender for compass -G197-
- ❑ Fitting location ⇒ page 8

7 - Vehicle position recognition control unit -J603-
- ❑ Fitting location ⇒ page 8

8 - All-wheel drive control unit - J492 -
- ❑ Fitting location ⇒ page 2



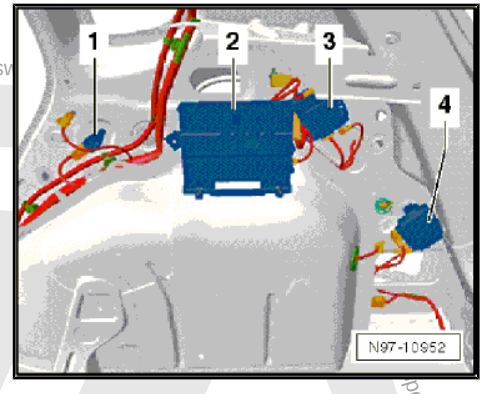
1.1.1 Fitting location:

1 - Rear side airbag crash sensor on passenger side -G257-

2 - Reversing camera system control unit -J 772-

3 - Remote control receiver for auxiliary coolant heater -R149-

4 - Parking aid control unit -J446-

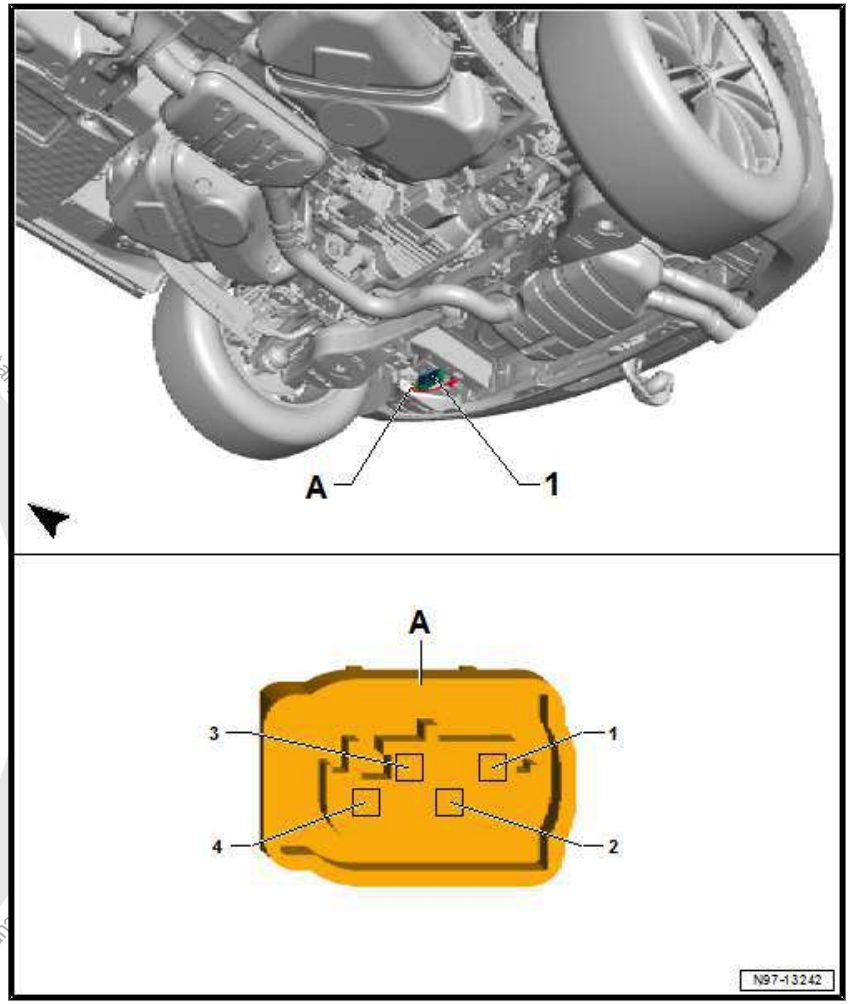


1.1.2 Fitting location:

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1 - Tyre Pressure Monitoring System control unit -J502-

A - 4-pin connector -T4d-



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Connector assignment of Tyre Pressure Monitoring System control unit -J502-

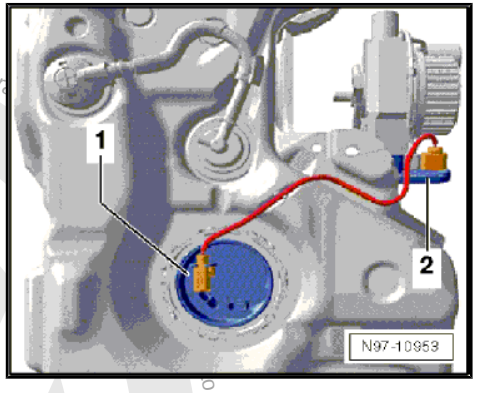
-T4d- (A)	Designation	
1	Extended CAN bus low	
2	Terminal 30	
3	Extended CAN bus high	
4	Term. 31	

Back to overview ⇒ page 1

1.1.3 Fitting location:

1 - Fuel gauge sender 2 -G169-

2 - All-wheel drive control unit - J492 -



1.1.4 Connector assignment:

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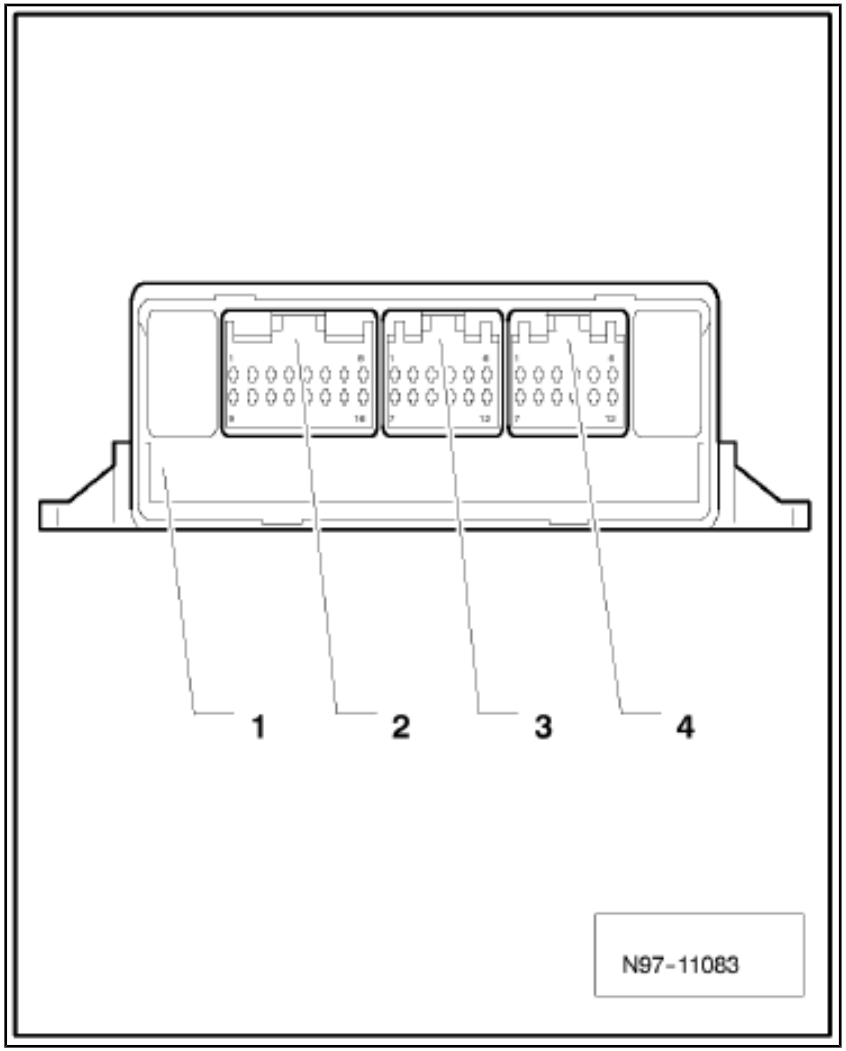
1 - Parking aid control unit -J446-

Connector:

2 - 16-pin connector -T16h-

3 - Vacant

4 - 12-pin connector -T12l-



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1.1.5 Fitting location:

1 - Trailer detector control unit J345

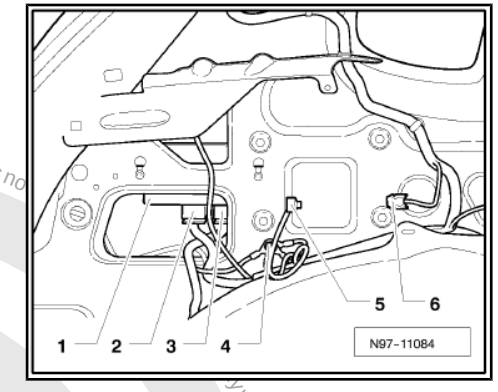
2 - 12-pin connector -T12h-

3 - 16-pin connector -T16j-

4 - Earth point, left C-pillar -61-

5 - 2-pin connector -T2fr-

6 - 2-pin connector -T2w-



1.1.6 Fitting location:

1 - 47-pin connector -T47c-

2 - 2-pin connector -T2fr-

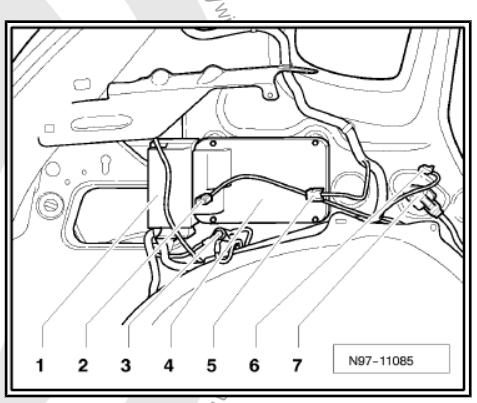
3 - Earth point, left C-pillar -61-

4 - Electronically controlled damping control unit -J250-

5 - 2-pin connector -T2w-

6 - 3-pin connector - T 3 s -

7 - 2-pin connector -T2ts-



1.1.7 Connector assignment:

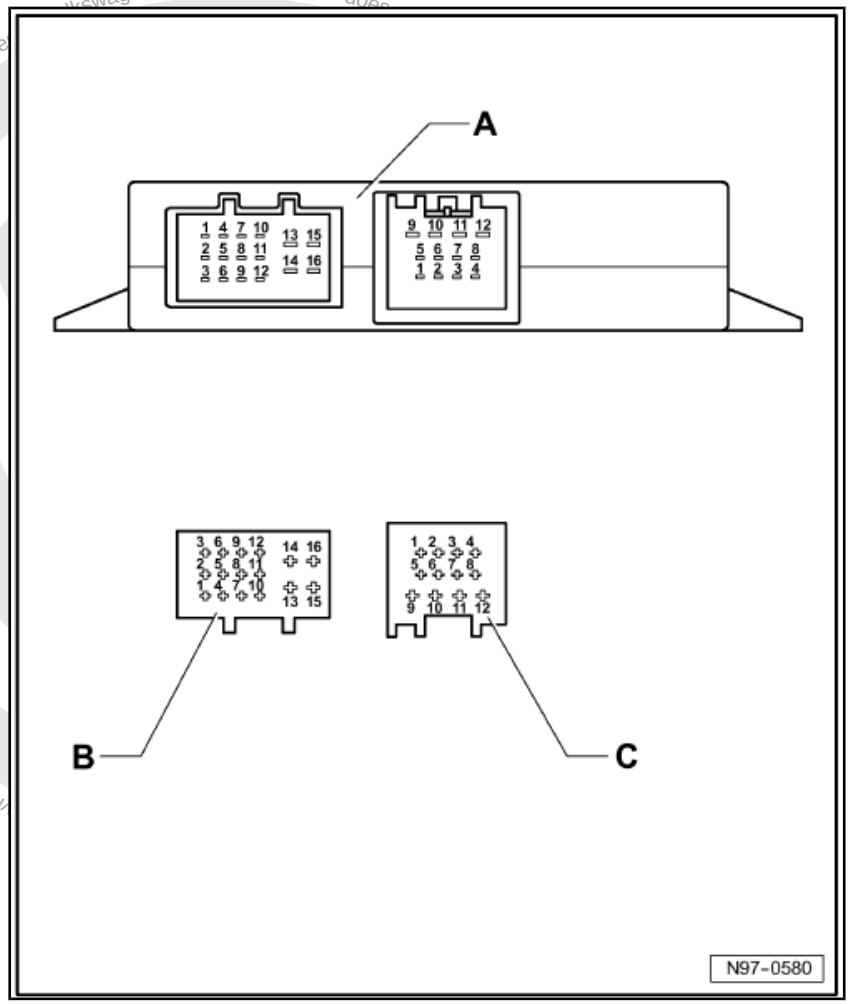
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A - Trailer detector control unit

Connector:

B - 16-pin connector -T16j-

C - 12-pin connector -T12h-



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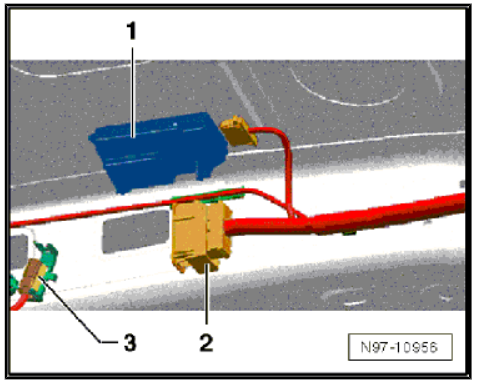
1.1.8 Fitting location:

1 - Magnetic field sender for compass -G197-

1 - Vehicle position recognition control unit -J603-

2 - 17-pin connector -T17L-

3 - Single connector -T1h-

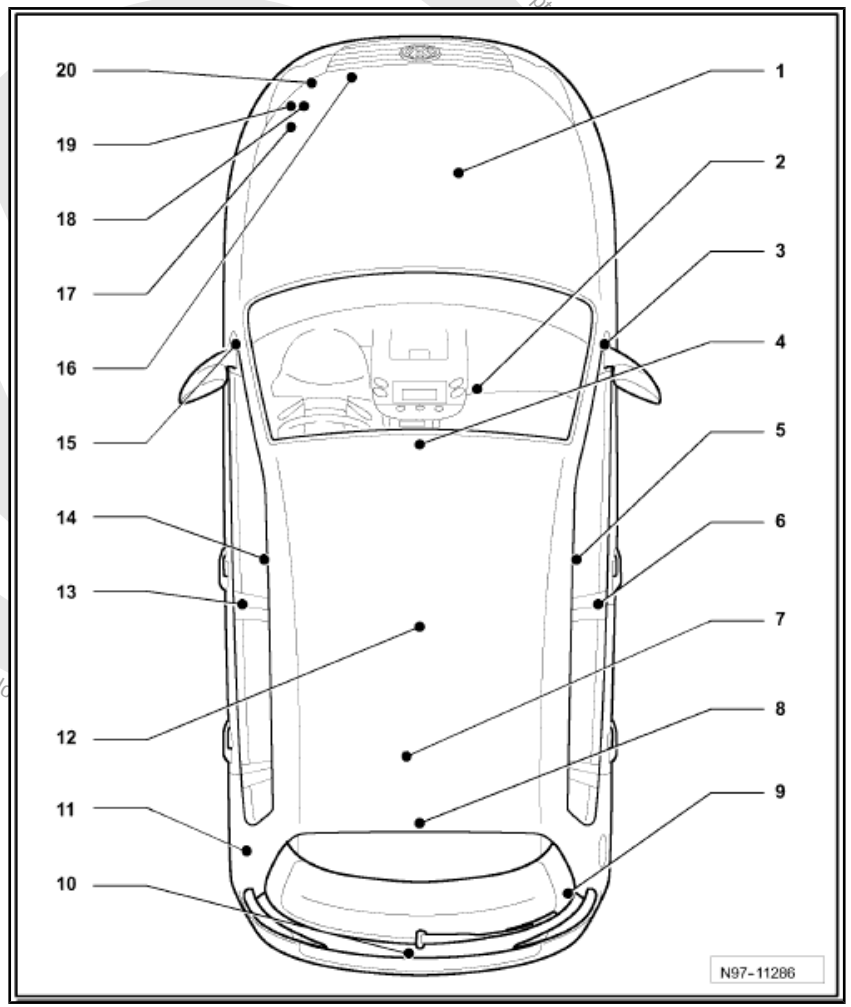


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1 Coupling stations and connectors of wiring harnesses

1.1 Overview of coupling stations and connectors

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1 - Connector station on engine, -T8m-
, -T6-
, -T6x-

- ❑ Fitting location ⇒ page 3

2 - Connector station, under passenger side instrument panel, behind glove compartment, -T10k-

- ❑ Fitting location ⇒ page 6

3 - 28-pin connector -T28a-

- ❑ On passenger side A-pillar

4 - Coupling station on middle of front roof frame, -T6da-
,·-T16d-
,·-T10da-

, -T2f-
,·-T6ad-
,·-T6b-
,·-T8d-
,·-T3ae-
,·-T6a-

- ❑ Fitting location ⇒ page 4

5 - Coupling station, front passenger seat, -T2y-
, -T10e-
, -T3l-
, -T10l, -T2bh-, -T6cr

- ❑ Fitting location ⇒ page 5

6 - 28-pin connector -T28c-

- ❑ on A-pillar, passenger side

7 - 2-pin connector - T2fo -

- ❑ Under rear centre console

8 - Coupling station on centre of rear roof frame, -T2xc-
, -T2aj-
, -T2fm-
, -T17L-
, -T1h-
, -T1j-
, -T1c-

, -T1i-
, -T1e-

- Fitting location ⇒ page 5

9 - Rear right coupling station, -51-
, -T12lb-
, -T4rf-

- Fitting location ⇒ page 6

10 - Coupling station for reversing camera in rear lid

- Connectors -T2xa-
  , -T2ak-

11 - 2-pin connector -T2ib-
, -T4as-

- Near trailer control module

12 - Coupling station all-wheel drive

- Connector -T6ab-
- In vicinity of fuel gauge sender 2 -G169-

13 - 28-pin connector -T28b-

- On B-pillar, driver side

14 - Coupling station, driver's seat, -T10a-, -T3k-, -T2q-, -T2qx-, -T3af-, -T2bg-, -T6cq-

- Fitting location ⇒ page 4

15 - 28-pin connector -T28-

- On A-pillar, driver side

16 - Coupling station cooling fan

- Connector -T4x-
  , on front left in engine compartment

17 - Coupling station, engine

- Connector -T14a-
  , on front left in engine compartment
- Connector -T10aa-
  , near left headlamp

18 - Coupling station, alternator,

- Connector -T8 -
  , front left in engine compartment

19 - Coupling station, steering

- Connector -T6z-
  , front left in engine compartment

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20 - Front bumper coupling station, -T8jf-

❑ Fitting location ⇒ page 3

1.2 Coupling station on engine

1 - 8-pin connector -T8m-

2 - 6-pin connector -T6-

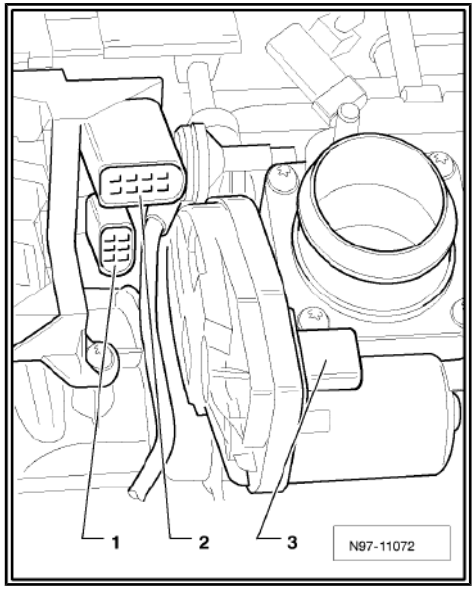
Note:

T8m and T6, only engine codes CAWA, CAWB, CCTA

3 - 6-pin connector -T6x-, on throttle valve module -J338-

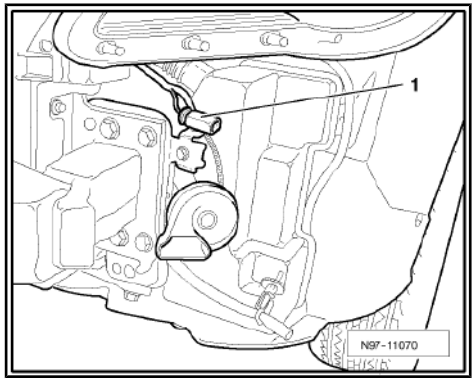
Note:

Only engine codes CAVA, CAWA, CAWB, CCTA, BWK



1.3 Front bumper coupling station

1 - 8-Pin connector -T8jf-



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1.4 Coupling station on roof frame at front centre

1 - 6-pin connector -T6da-

2 - 16-pin connector -T16d-

3 - Sliding sunroof control unit -J245-

4 - 10-pin connector -T10da-

5 - 2-pin connector -T2f-

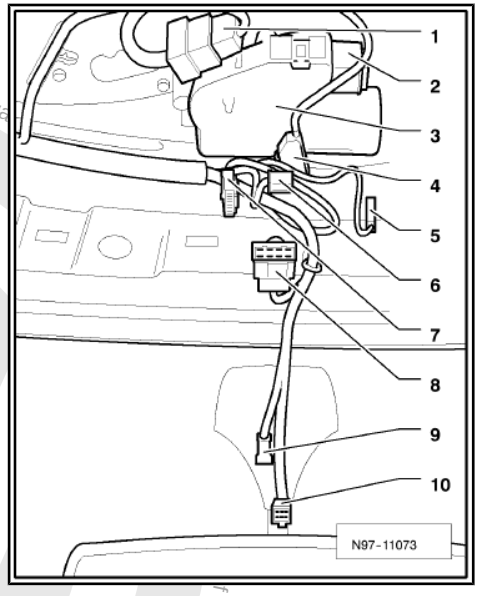
6 - 6-pin connector -T6ad-

7 - 6-pin connector -T6b-

8 - 8-pin connector -T8d-

9 - 3-pin connector -T3ae-

10 - 6-pin connector -T6a-



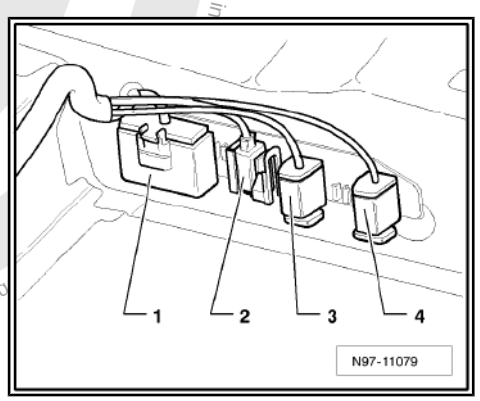
1.5 Driver seat coupling station

1 - 10-pin connector -T10a-

2 - 3-pin connector -T3k-

3 - 2-pin connector -T2q-

4 - 2-pin connector -T2qx-

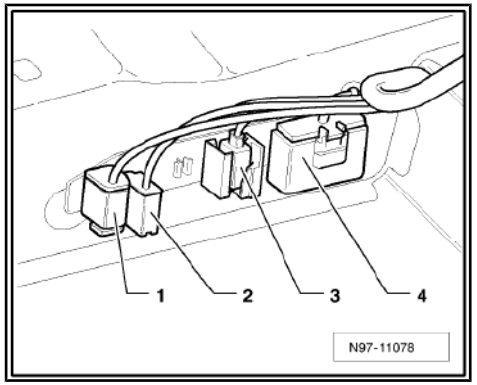


Note:

Only models for American market

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1.6 Front passenger seat coupling station



1 - 2-pin connector -T2y-

2 - 10-pin connector -T10e-

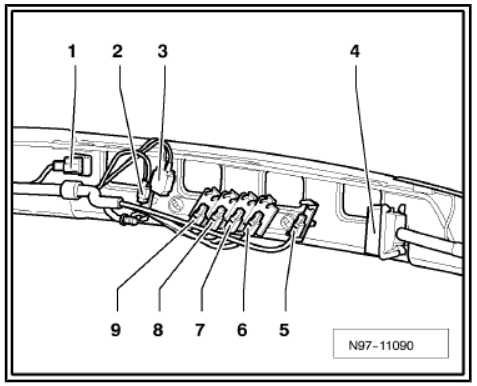
Note:

Only models for American market

3 - 3-pin connector -T3l-

4 - 10-pin connector -T10l-

1.7 Coupling station on middle of rear roof frame



1 - 2-pin connector -T2xc-

2 - 2-pin connector -T2aj-

3 - 2-pin connector -T2fm-

4 - 17-pin connector -T17L-

5 - Single-pin connector -T1h-

6 - Single-pin connector -T1j-

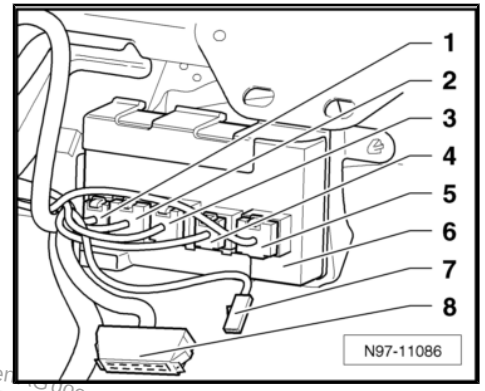
7 - Single-pin connector - T1c-

8 - Single pin connector -T1i-

9 - Single-pin connector -T1e-

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1.8 Connector station, under passenger side instrument panel, behind glove compartment



1 - 6-pin connector -T6rd-

2 - 18-pin connector - T18kf-

3 - 8-pin connector -T8h-

4 - 6-pin connector -T6c-

5 - 18-Pin Connector -T18zv-

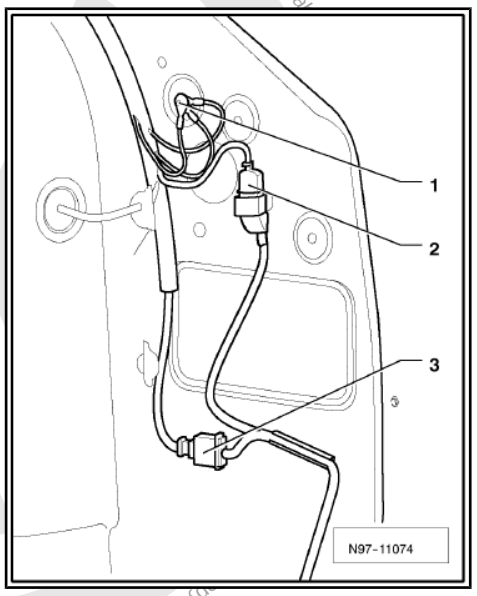
6 - Convenience system central control unit -J393-

7 - Glove compartment light switch -E26-

8 - 10-pin connector -T10k- [1)]

[1)] From May 2009 in front passenger side footwell

1.9 Rear right coupling station



1 - Earth point on right in luggage compartment -51-

2 - 12-pin connector -T12lb-

Note:

Connector station, only models with park assist steering -J791-. Rear parking aid -J446-, connector T12a on parking aid control unit -J446-

3 - 4-pin connector -T 4 rf-

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