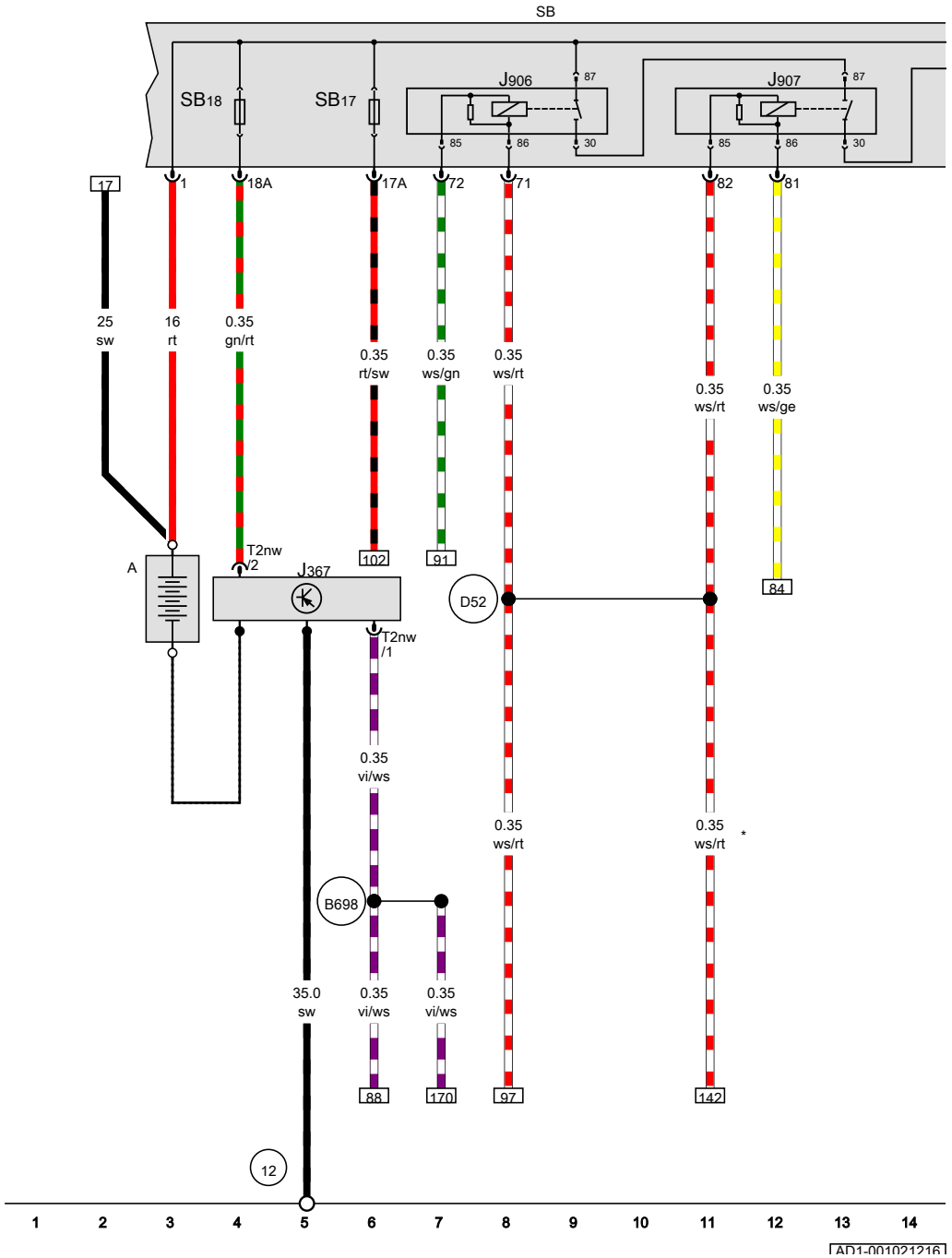
2.0l diesel engine , DCYA,DCYB,DDMA,DFGA,DFGC,DFHA

From January 2016

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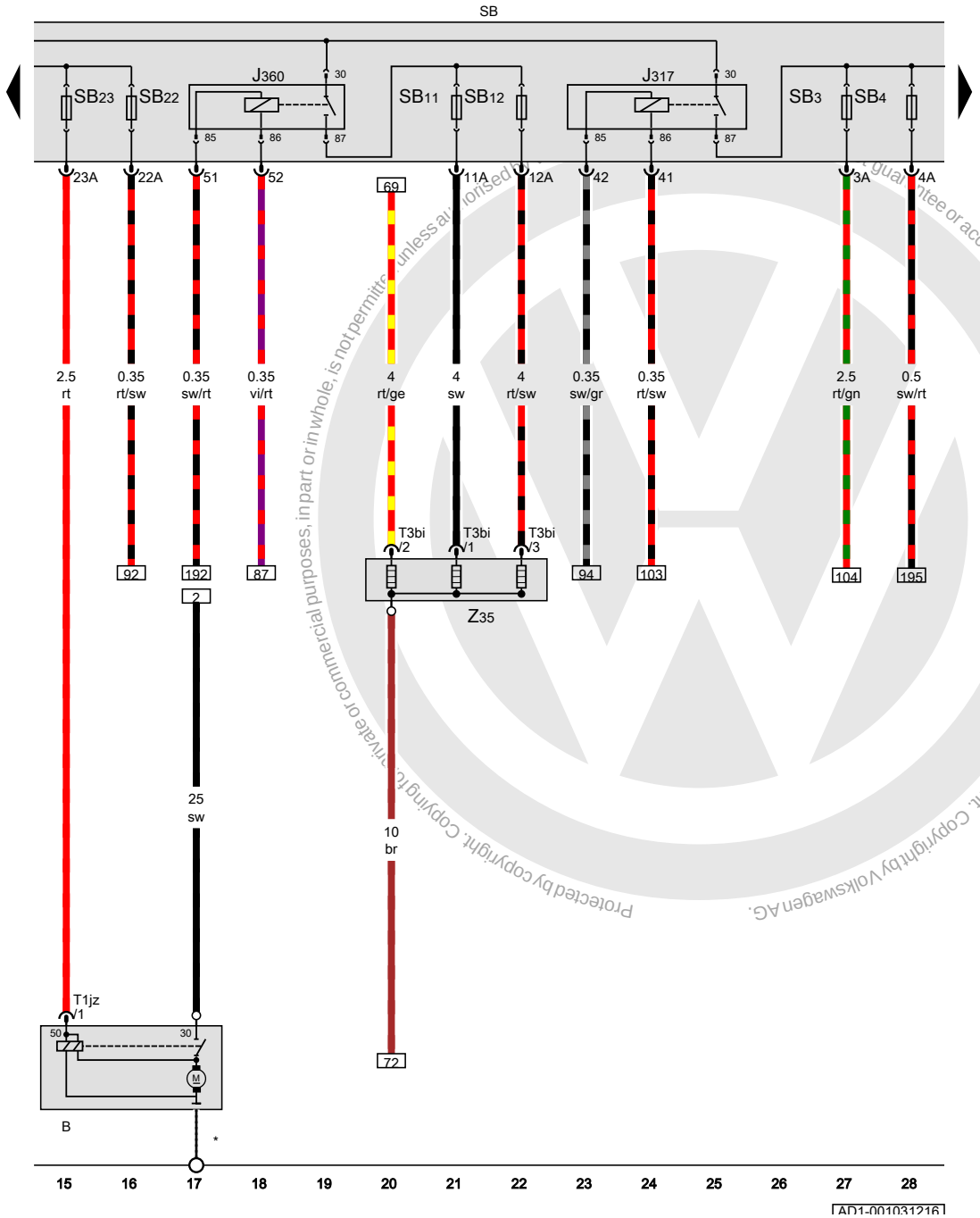


Battery, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B, Fuse 17 on fuse holder B, Fuse 18 on fuse holder B

A	Battery
J367	Battery monitor control unit
J906	Starter relay 1
J907	Starter relay 2
SB	Fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
T2nw	2-pin connector, black
12	Earth point, on left in engine compartment
B698	Connection 3 (LIN bus) in main wiring harness
D52	Positive connection (15a), 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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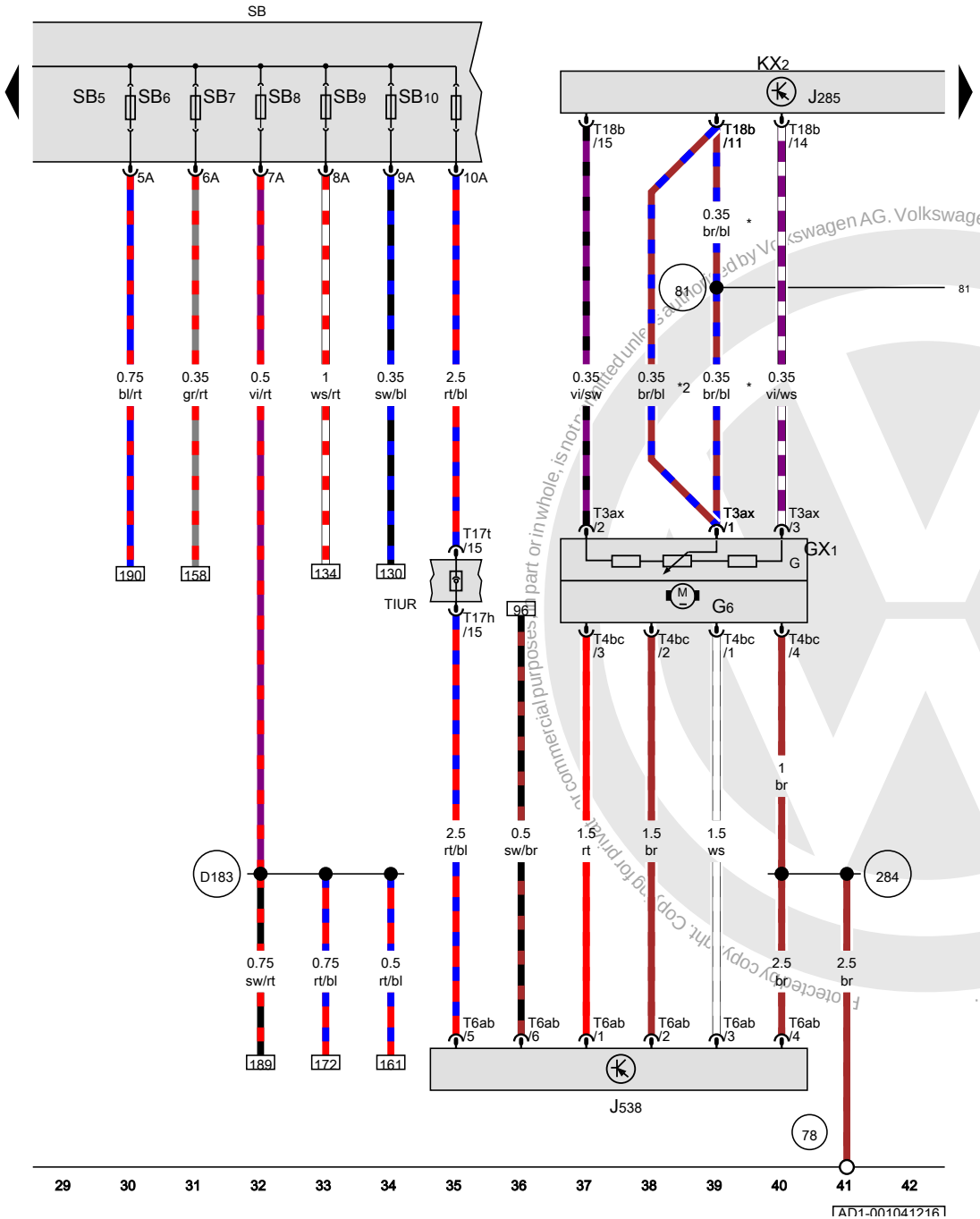


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gn = green
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Starter, Terminal 30 voltage supply relay, High heat output relay, Fuse holder B, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B, Fuse 11 on fuse holder B, Fuse 12 on fuse holder B, Fuse 22 on fuse holder B, Fuse 23 on fuse holder B, Auxiliary air heater element

B	Starter
J317	Terminal 30 voltage supply relay
J360	High heat output relay
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
T1jz	1-pin connector, black
T3bi	3-pin connector, black
Z35	Auxiliary air heater element
*	Earth supply via housing

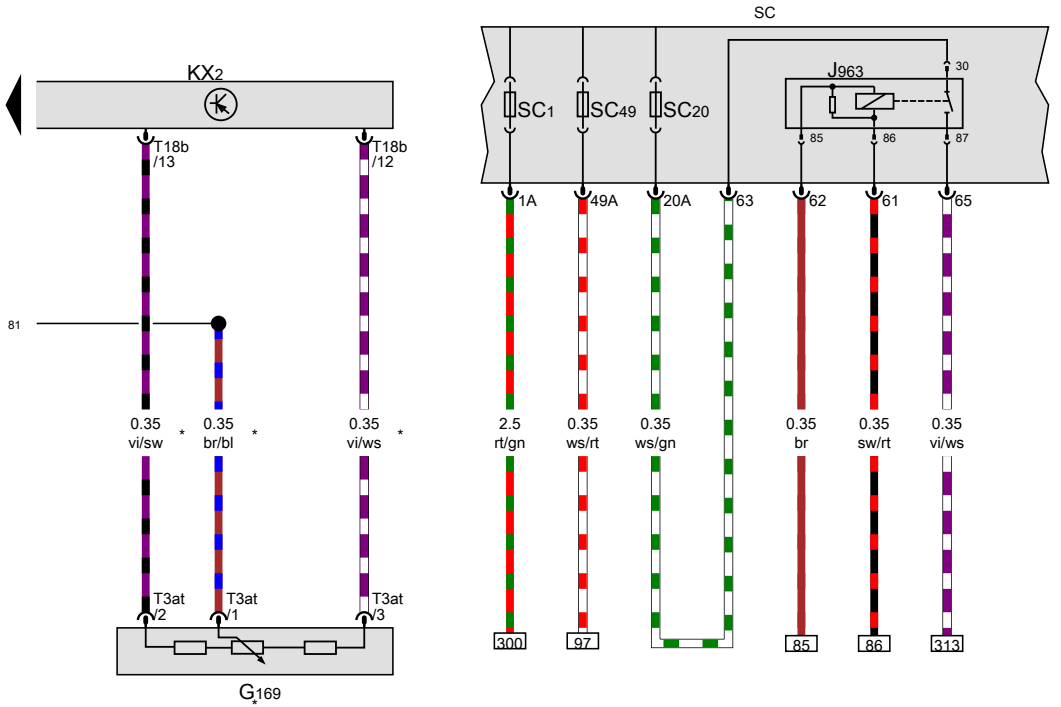


Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Control unit in dash panel insert, Fuel pump control unit, Dash panel insert, Fuse holder B, Fuse 5 on fuse holder B, Fuse 6 on fuse holder B, Fuse 7 on fuse holder B, Fuse 8 on fuse holder B, Fuse 9 on fuse holder B, Fuse 10 on fuse holder B

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J285	Control unit in dash panel insert
J538	Fuel pump control unit
KX2	Dash panel insert
SB	Fuse holder B
SB5	Fuse 5 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
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
T3ax	3-pin connector, black
T4bc	4-pin connector, black
T6ab	6-pin connector, black
T17h	17-pin connector, red
T17t	17-pin connector, red
T18b	18-pin connector, black
TIUR	Coupling point in interior, below right
78	Earth point, lower part of right B-pillar
81	Earth connection 1, in dash panel wiring harness
284	Earth connection 6, in interior wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
*	Only models with all-wheel drive
*2	Only models with no all-wheel drive

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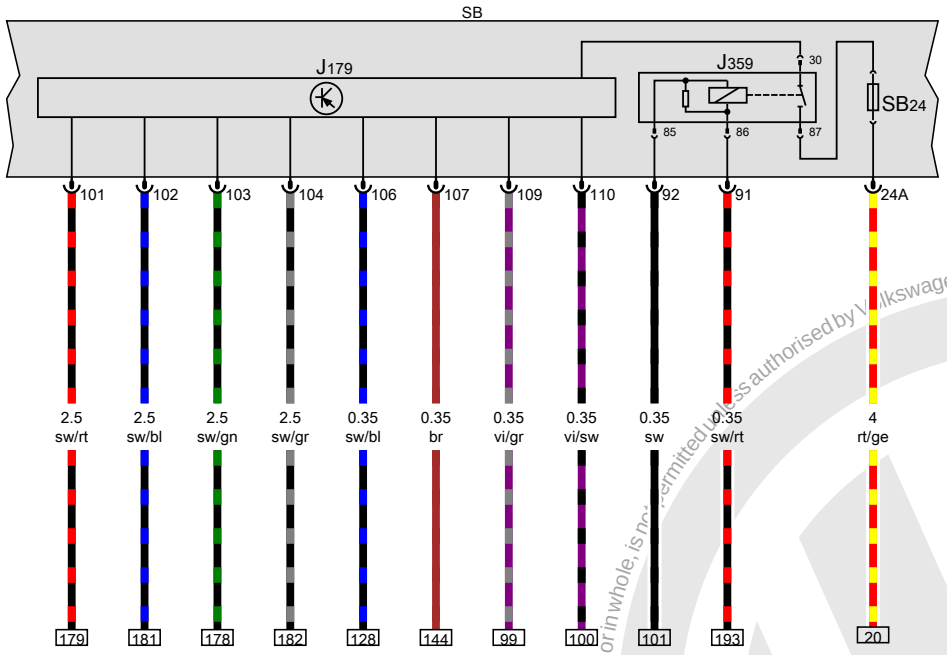


Fuel gauge sender 2, Relay for reducing agent metering system, Dash panel insert, Fuse holder C, Fuse 1 on fuse holder C, Fuse 20 on fuse holder C, Fuse 49 on fuse holder C

G169	Fuel gauge sender 2
J963	Relay for reducing agent metering system
KX2	Dash panel insert
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC49	Fuse 49 on fuse holder C
T3at	3-pin connector, black
T18b	18-pin connector, black
81	Earth connection 1, in dash panel wiring harness
*	Only models with all-wheel drive

ws	=	white
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gn	=	green
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Automatic glow period control unit, Low heat output relay, Fuse holder B, Fuse 24 on fuse holder B

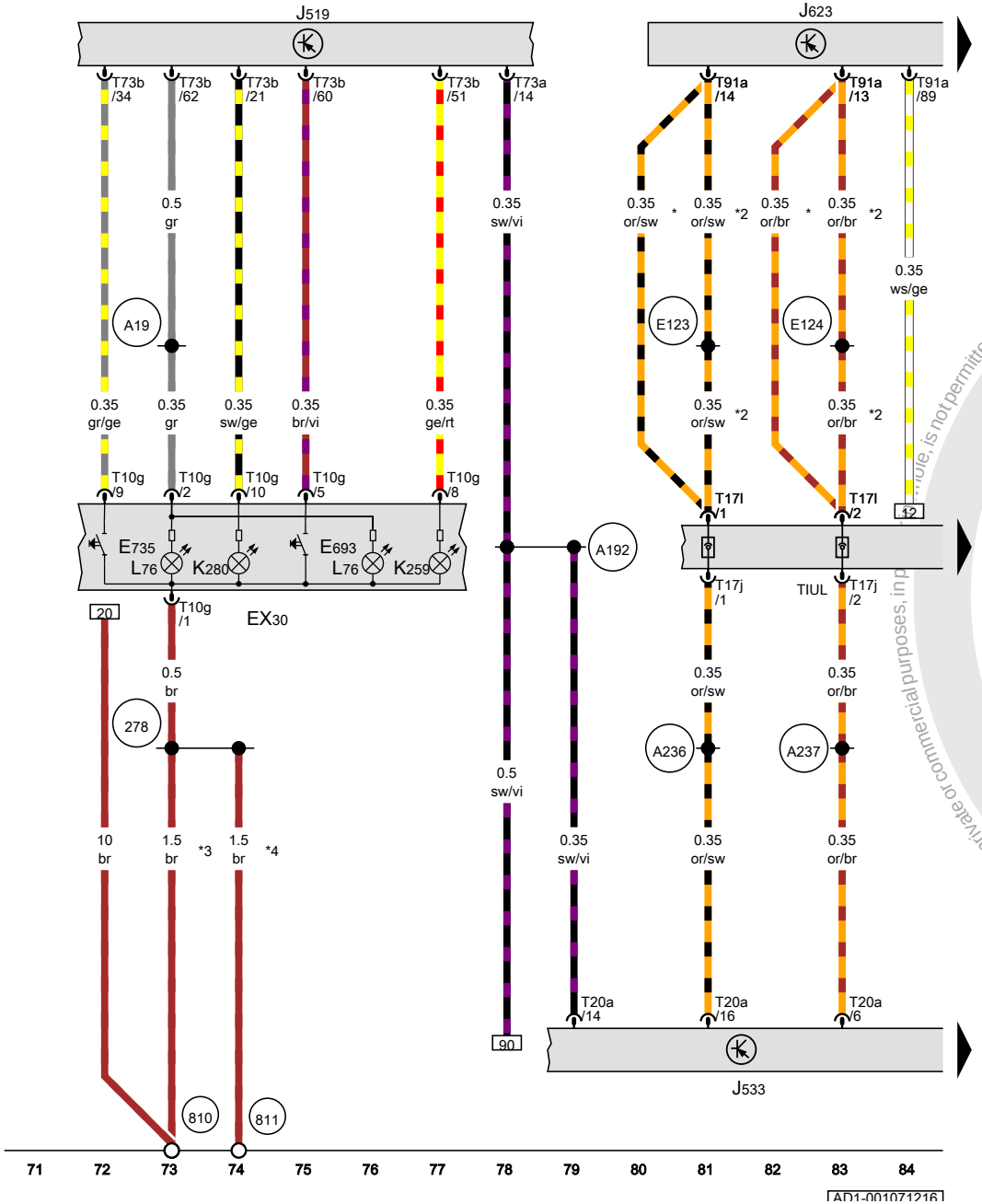
J179	Automatic glow period control unit
J359	Low heat output relay
SB	Fuse holder B
SB24	Fuse 24 on fuse holder B

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57 58 59 60 61 62 63 64 65 66 67 68 69 70

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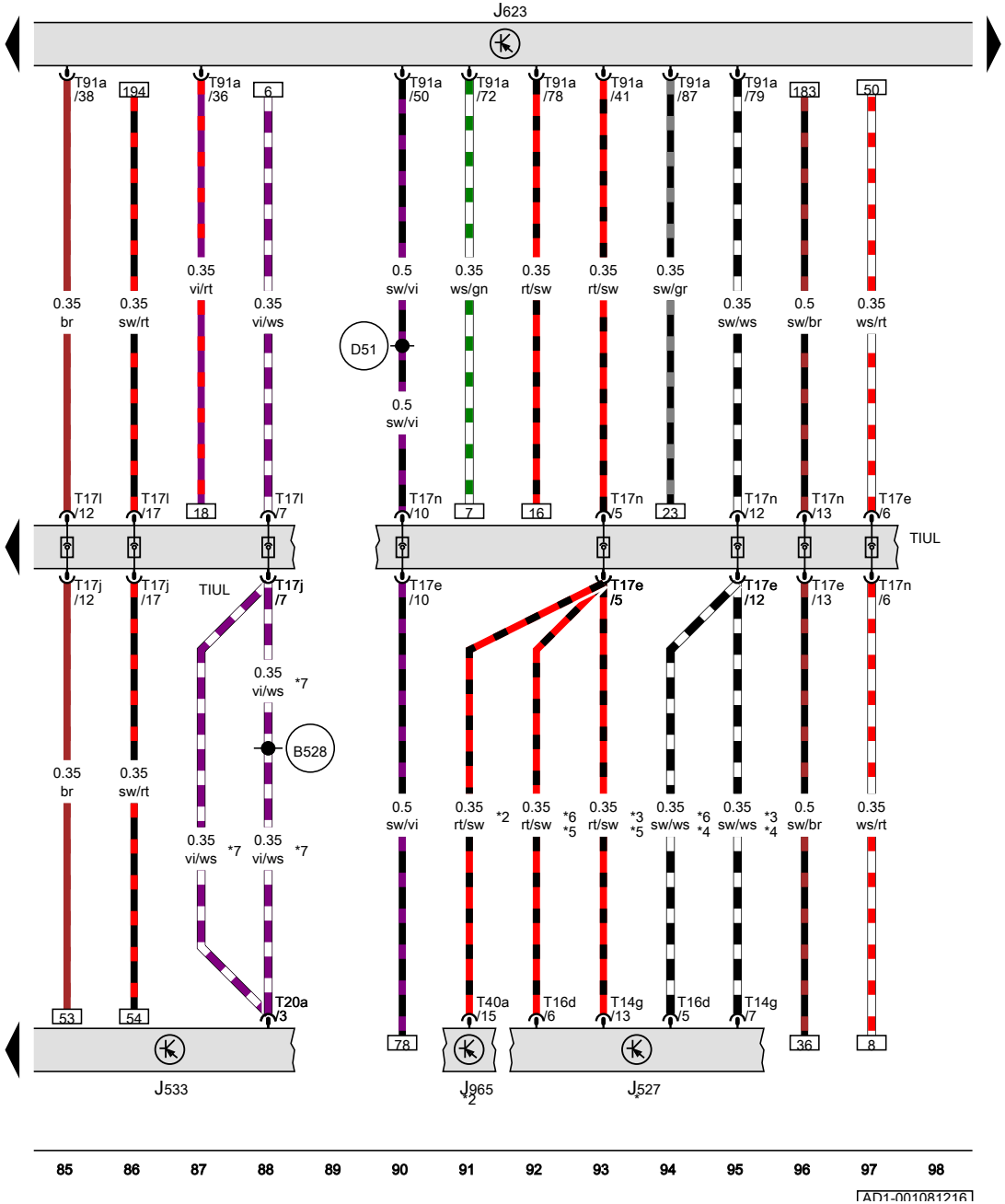


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Switch module 2 in centre console, Onboard supply control unit, Data bus diagnostic interface, Engine control unit

EX30	Switch module 2 in centre console
E693	Start/Stop operation button
E735	Driving mode selection button
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J623	Engine control unit
K259	Start/Stop operation warning lamp
K280	Driving mode selection warning lamp
L76	Button illumination bulb
T10g	10-pin connector, red
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T20a	20-pin connector, red
T73a	73-pin connector, black
T73b	73-pin connector, black
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A19	Connection (58d), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	Only models with manual gearbox
*2	Only models with no manual gearbox
*3	Only left-hand drive models
*4	Only right-hand drive models

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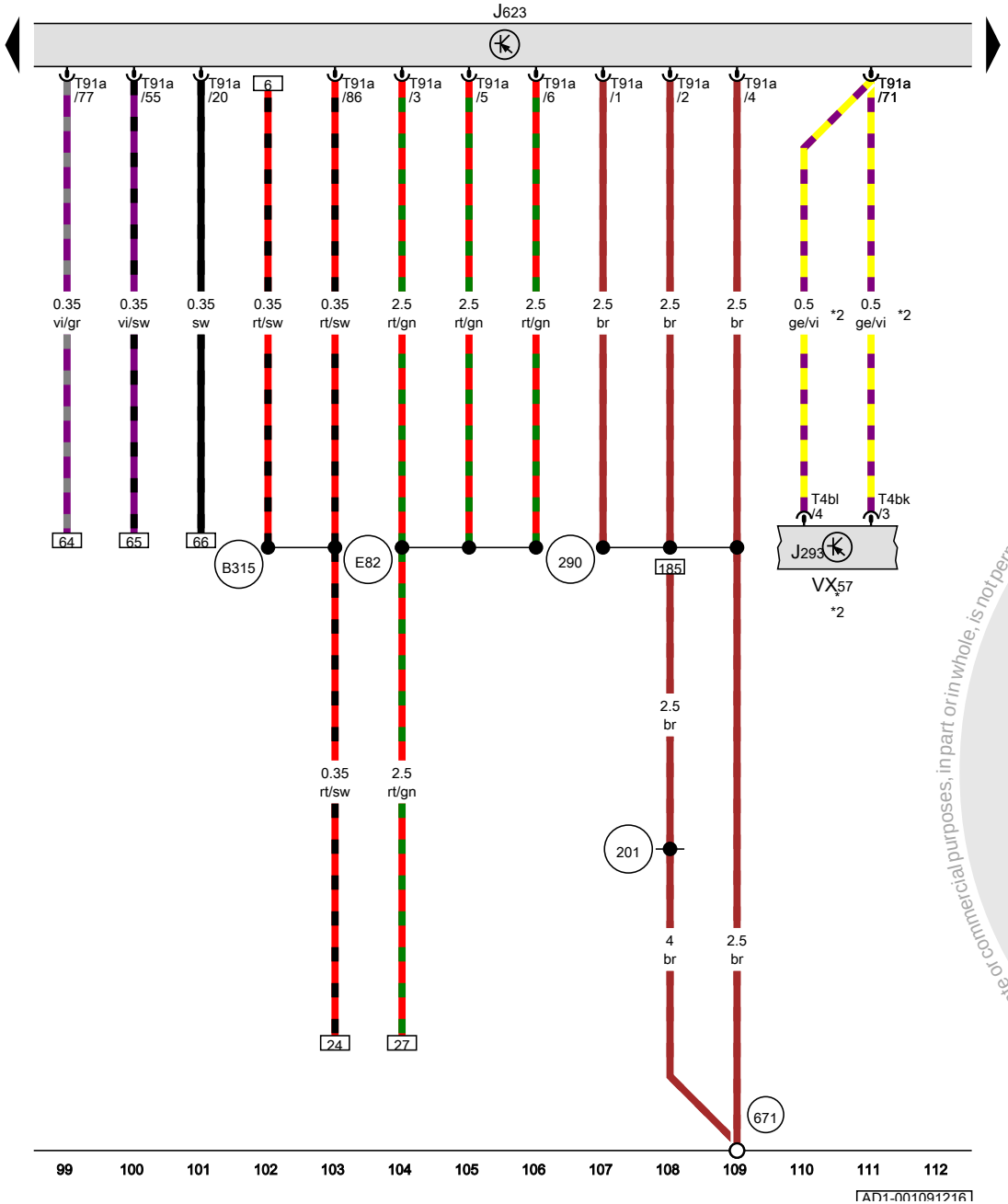


Steering column electronics control unit, Data bus diagnostic interface, Engine control unit, Interface for entry and start system

J527	Steering column electronics control unit
J533	Data bus diagnostic interface
J623	Engine control unit
J965	Interface for entry and start system
T14g	14-pin connector, black
T16d	16-pin connector, black
T17e	17-pin connector, blue
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T17n	17-pin connector, blue
T20a	20-pin connector, red
T40a	40-pin connector, black
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
B528	Connection 1 (LIN bus) in main wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
*	see applicable current flow diagram
*2	Only models with entry and start authorisation
*3	Only models with heated steering wheel
*4	Only models with cruise control system (CCS)
*5	Only models with no entry and start authorisation
*6	Only models with no heated steering wheel
*7	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Engine control unit, Radiator fan

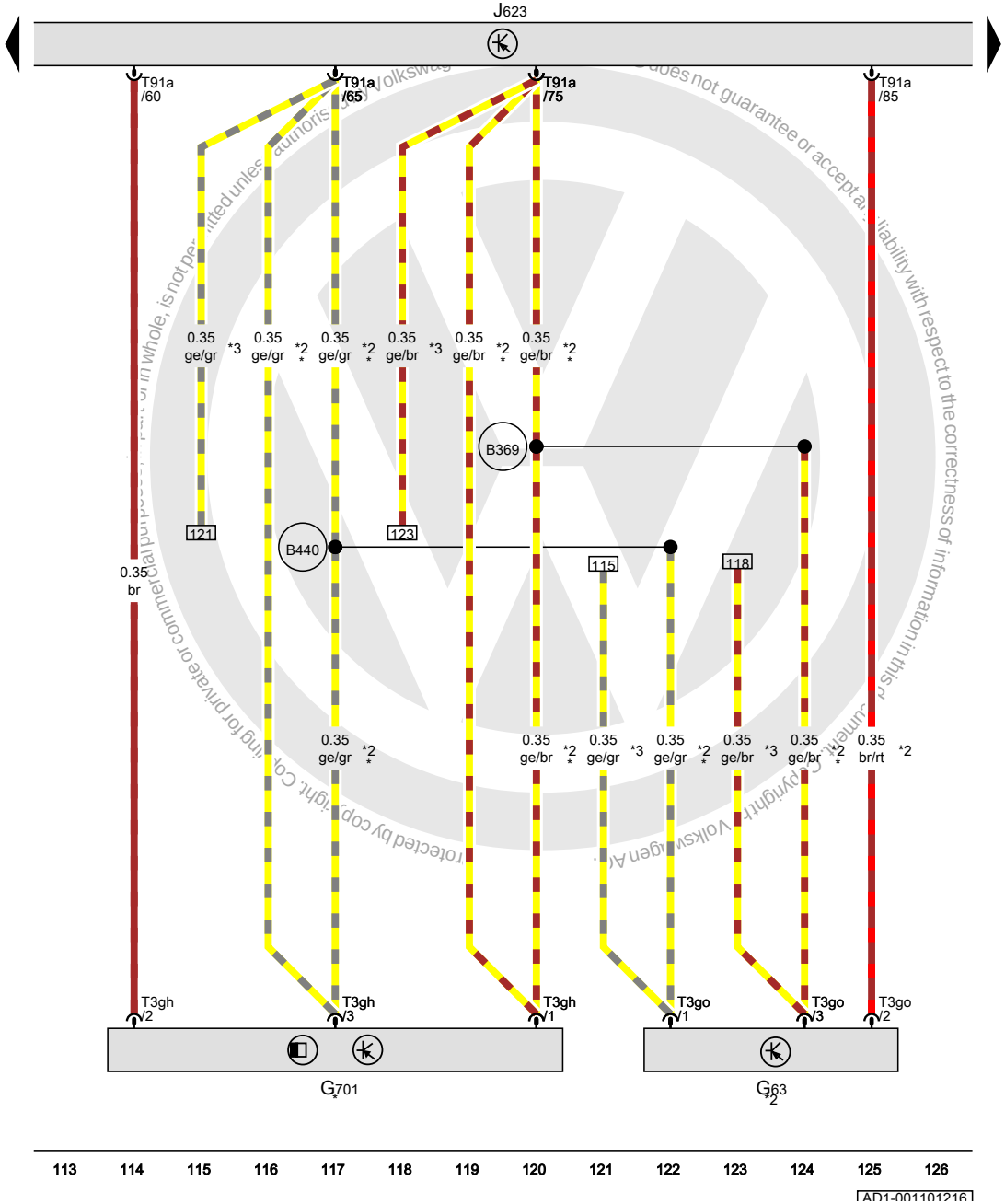
J293	Radiator fan control unit
J623	Engine control unit
T4bk	4-pin connector, black
T4bl	4-pin connector, black
T91a	91-pin connector, black
VX57	Radiator fan
201	Earth connection 5, in engine compartment wiring harness
290	Earth connection 1, in second battery wiring harness
671	Earth point 1, on front of left longitudinal member
B315	Positive connection 1 (30a) in main wiring harness
E82	Connection 6 (87a) in engine wiring harness
*	Pre-wired component
*2	see applicable current flow diagram for radiator fan

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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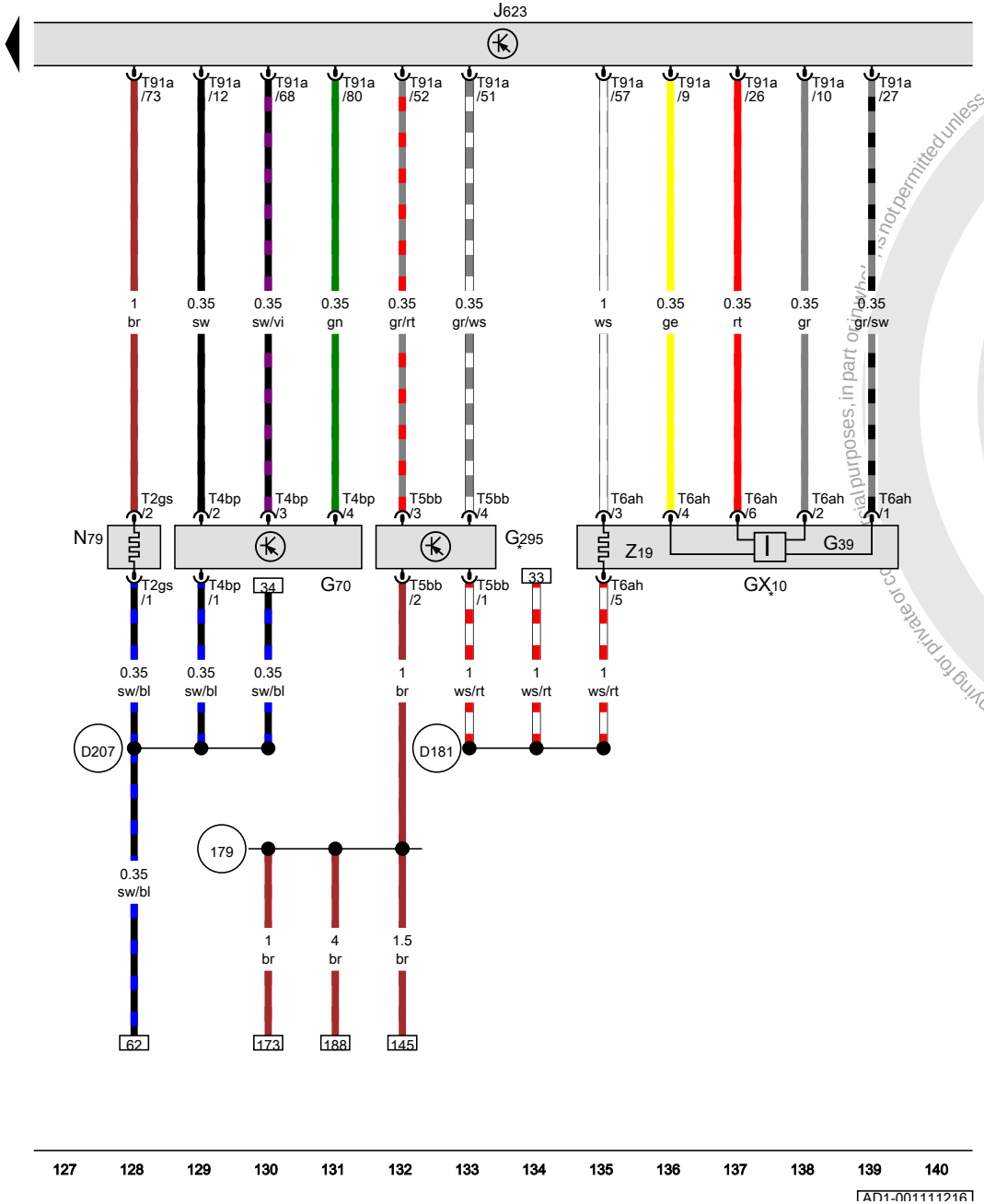
Water separator sender, Gearbox neutral position sender, Engine control unit

G63	Water separator sender
G701	Gearbox neutral position sender
J623	Engine control unit
T3gh	3-pin connector, black
T3go	3-pin connector, black
T91a	91-pin connector, black
B369	Connection 1 (5V), in main wiring harness
B440	Connection 4 (GND (earth)), in main wiring harness
*	Only models with manual gearbox
*2	According to equipment
*3	Only models with dual clutch gearbox (DSG)



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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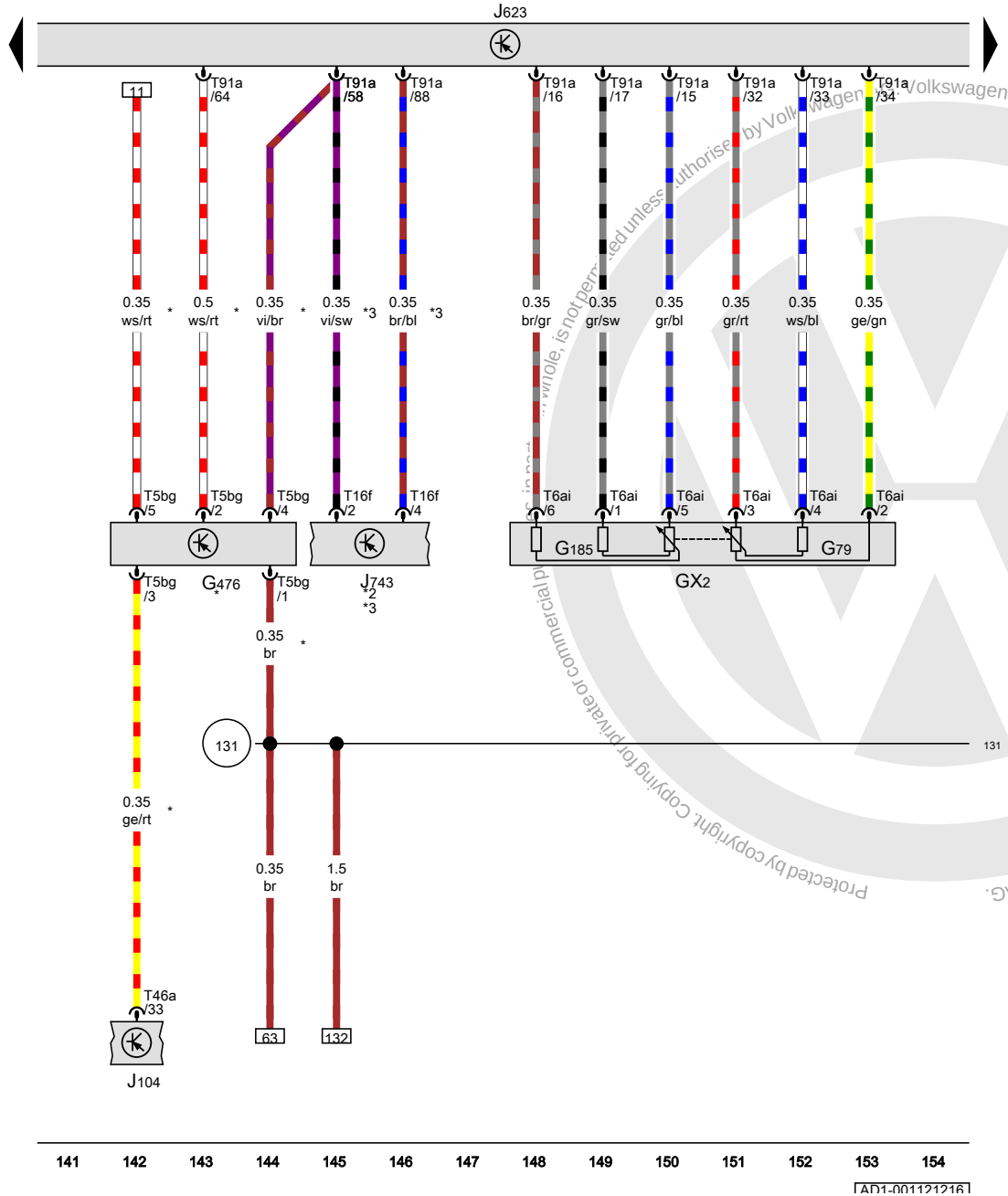
Lambda probe 1 before catalytic converter, Lambda probe, Air mass meter, NOx sender, Engine control unit, Heater element for crankcase breather, Lambda probe heater



GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G70	Air mass meter
G295	NOx sender
J623	Engine control unit
N79	Heater element for crankcase breather
T2gs	2-pin connector, black
T4bp	4-pin connector, black
T5bb	5-pin connector, black
T6ah	6-pin connector, black
T91a	91-pin connector, black
Z19	Lambda probe heater
179	Earth connection, in left headlight wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
D207	Connection 7 (87a), in engine compartment wiring harness
*	Pre-wired component

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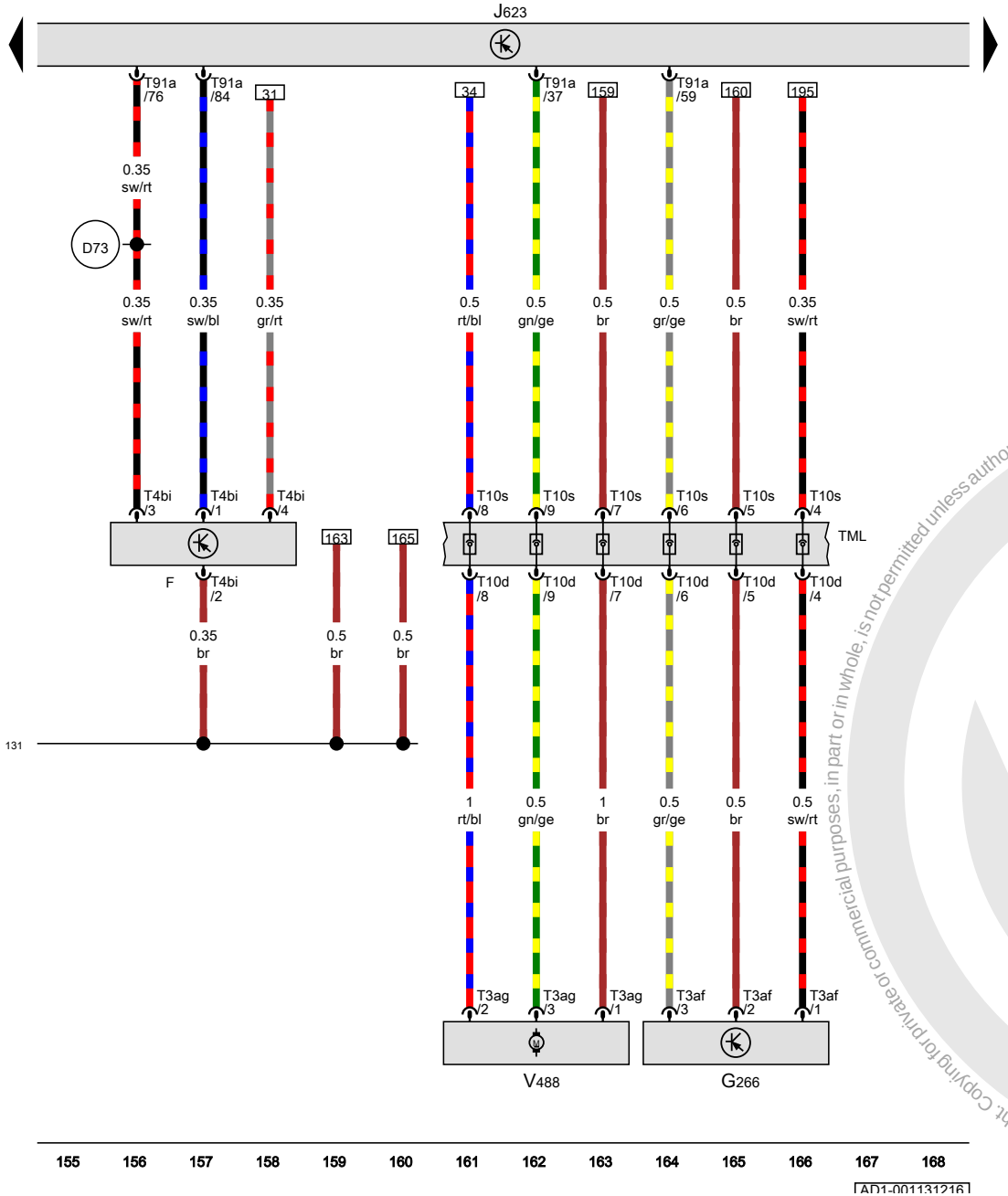


Accelerator pedal module, Accelerator position sender, Accelerator position sender 2, Clutch position sender, ABS control unit, Engine control unit

GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
G476	Clutch position sender
J104	ABS control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T5bg	5-pin connector, black
T6ai	6-pin connector, black
T16f	16-pin connector, black
T46a	46-pin connector, black
T91a	91-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
*	Only models with manual gearbox
*2	see applicable current flow diagram for dual clutch gearbox
*3	Only models with dual clutch gearbox (DSG)

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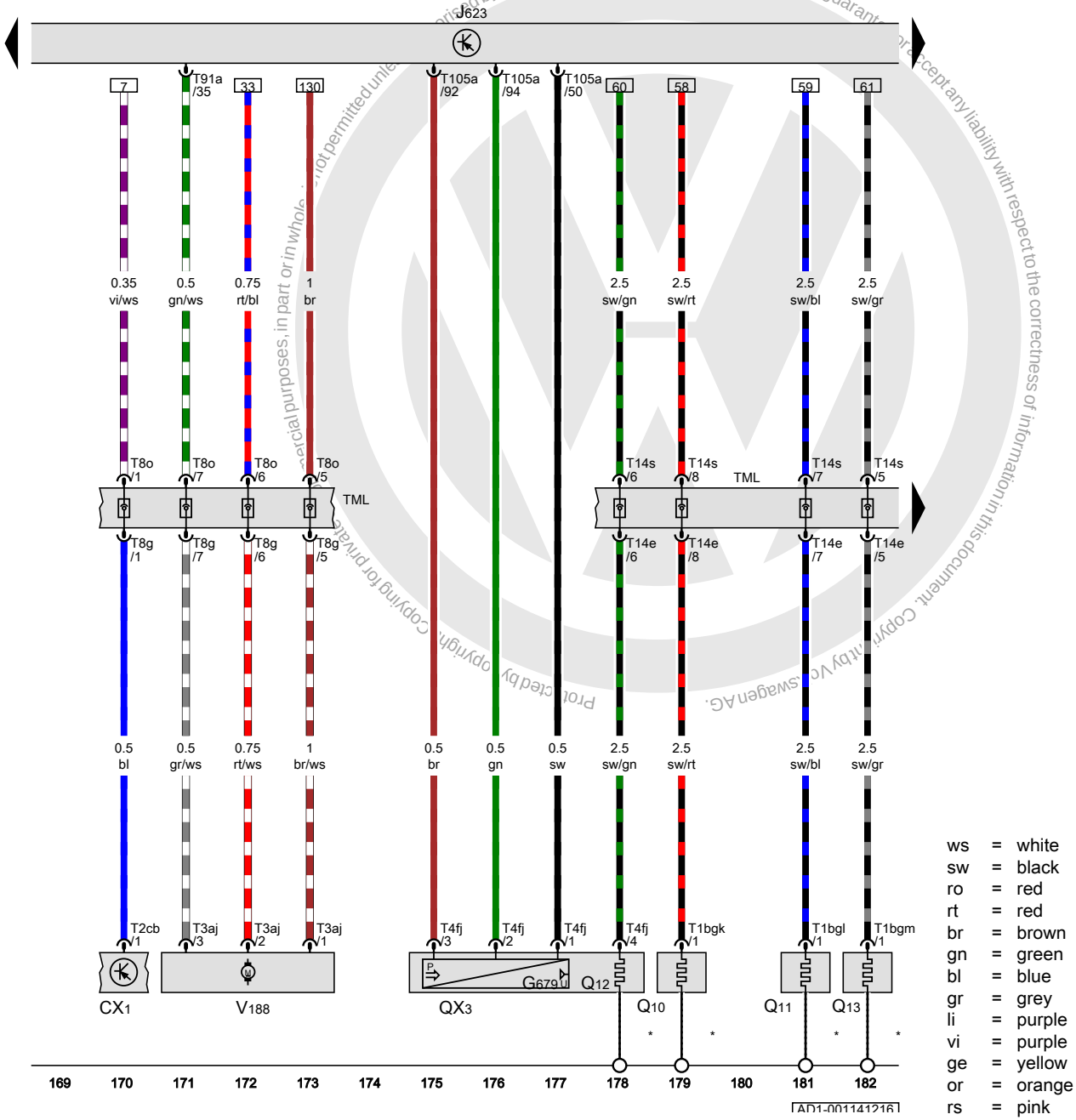


Brake light switch, Oil level and oil temperature sender, Engine control unit, Auxiliary pump for heating

F	Brake light switch
G266	Oil level and oil temperature sender
J623	Engine control unit
T3af	3-pin connector, black
T3ag	3-pin connector, black
T4bi	4-pin connector, black
T10d	10-pin connector, black
T10s	10-pin connector, black
T91a	91-pin connector, black
TML	Coupling point in engine compartment, left
V488	Auxiliary pump for heating
131	Earth connection 2, in engine compartment wiring harness
D73	Positive connection (54), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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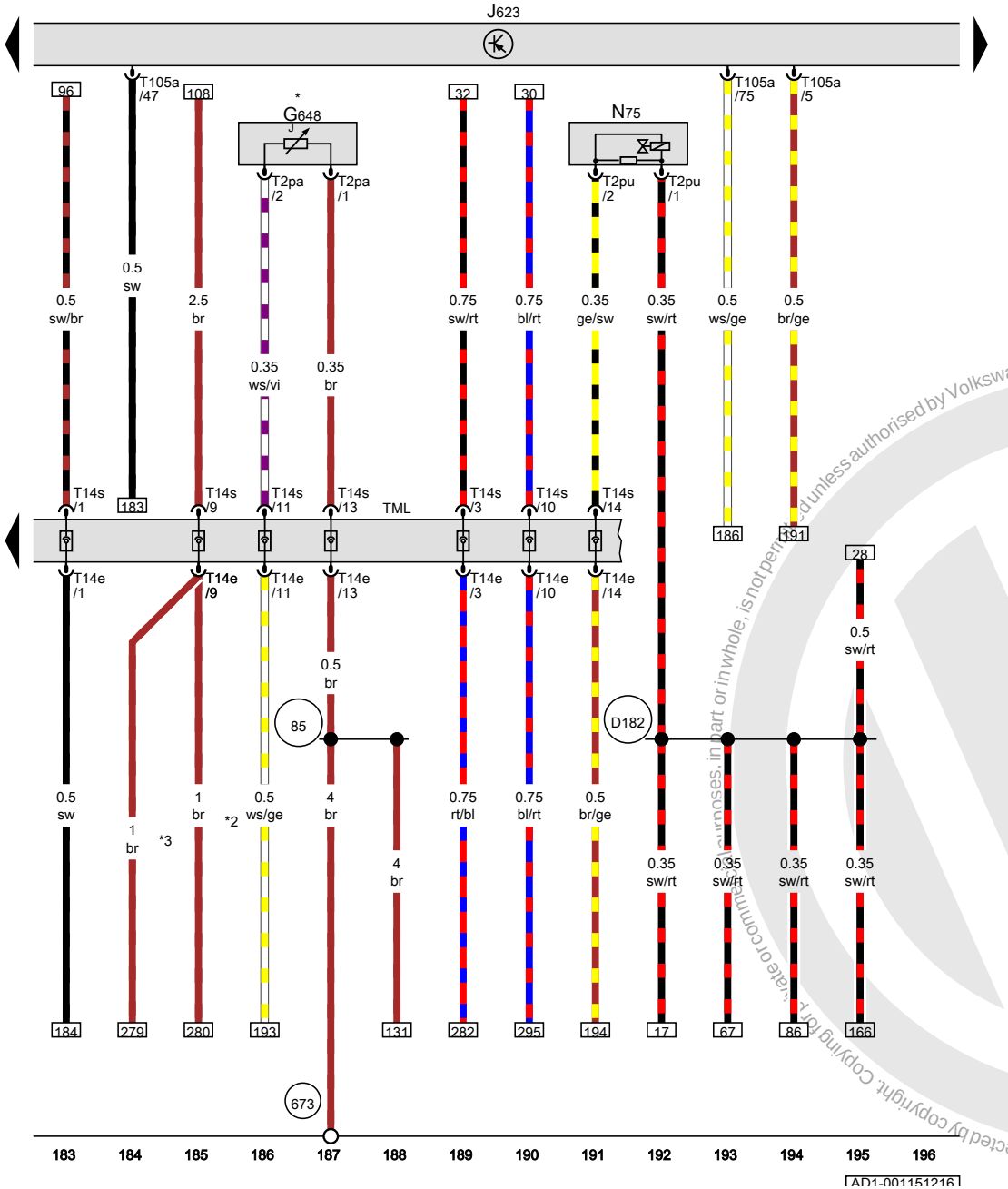
Alternator with voltage regulator, Cylinder 3 combustion chamber pressure sender, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

CX1	Alternator with voltage regulator
G679	Cylinder 3 combustion chamber pressure sender
J623	Engine control unit
QX3	Glow plug 3
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T1bgk	1-pin connector, black
T1bgl	1-pin connector, black
T1bgm	1-pin connector, black
T2cb	2-pin connector, black
T3aj	3-pin connector, black
T4fj	4-pin connector, black
T8g	8-pin connector, black
T8o	8-pin connector, black
T14e	14-pin connector, grey
T14s	14-pin connector, grey
T91a	91-pin connector, black
T105a	105-pin connector, black
TML	Coupling point in engine compartment, left
V188	Charge air cooling pump
*	Earth supply via housing

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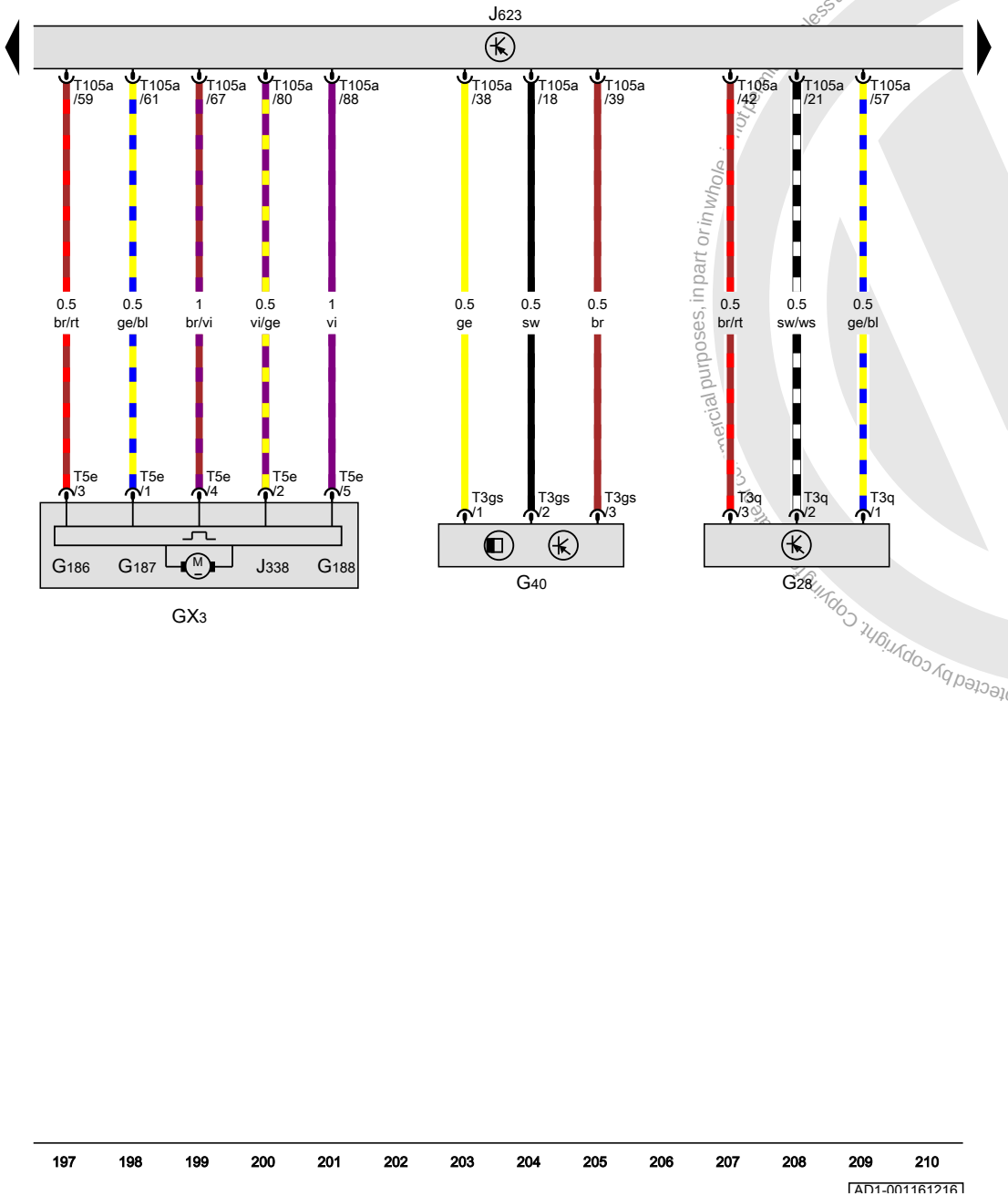
Exhaust gas temperature sender 4, Engine control unit, Charge pressure control solenoid valve

G648	Exhaust gas temperature sender 4
J623	Engine control unit
N75	Charge pressure control solenoid valve
T2pa	2-pin connector, colourless
T2pu	2-pin connector, black
T14e	14-pin connector, grey
T14s	14-pin connector, grey
T105a	105-pin connector, black
TML	Coupling point in engine compartment, left
85	Earth connection 1, in engine compartment wiring harness
673	Earth point 3, on front of left longitudinal member
D182	Connection 3 (87a), in engine compartment wiring harness
*	Pre-wired component
*2	Only models with dual clutch gearbox (DSG)
*3	Only models with manual gearbox



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rt	=	red
br	=	brown
gn	=	green
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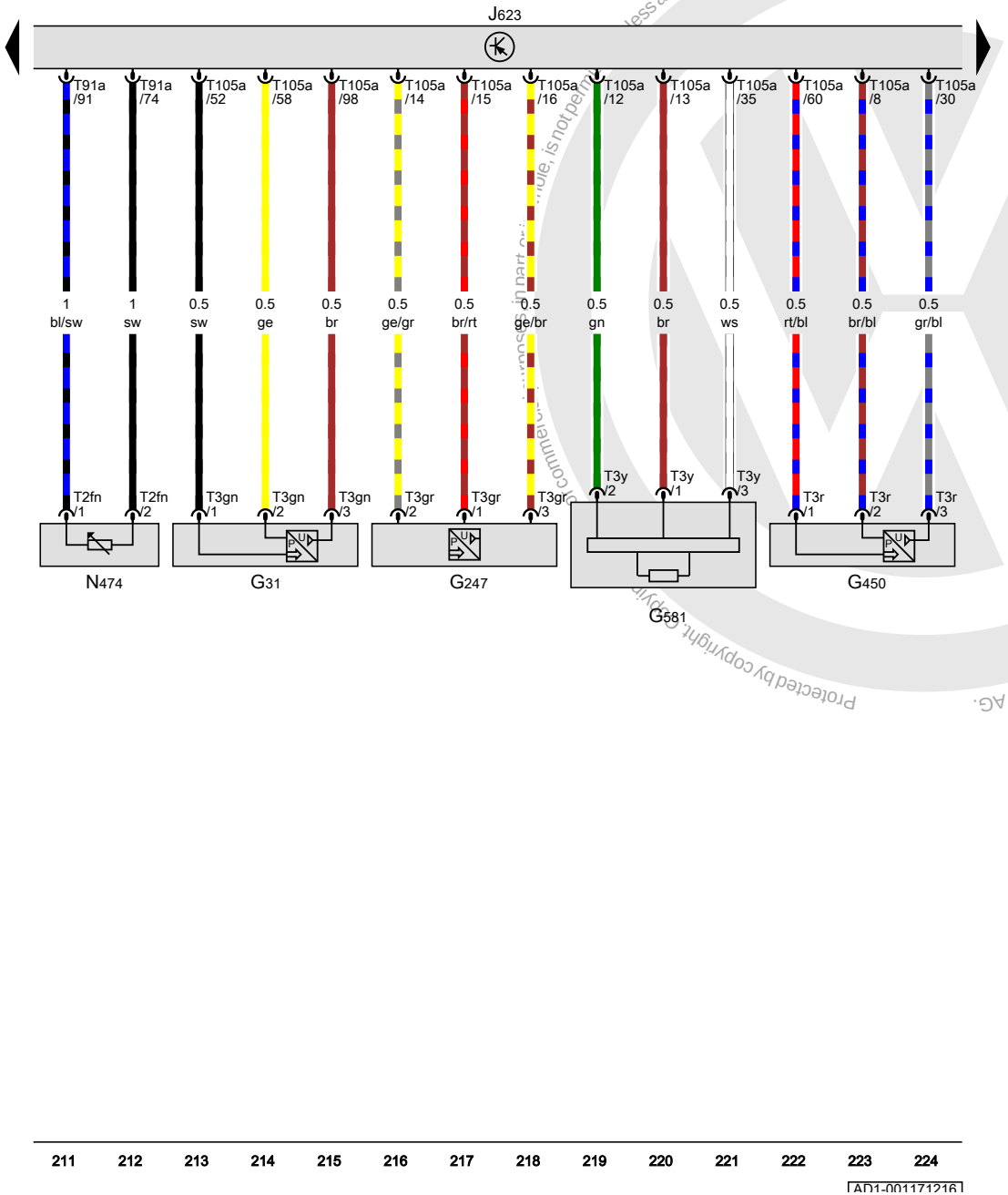
Throttle valve module, Engine speed sender, Hall sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Throttle valve module, Engine control unit

GX3	Throttle valve module
G28	Engine speed 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
J338	Throttle valve module
J623	Engine control unit
T3gs	3-pin connector, black
T3q	3-pin connector, black
T5e	5-pin connector, black
T105a	105-pin connector, black

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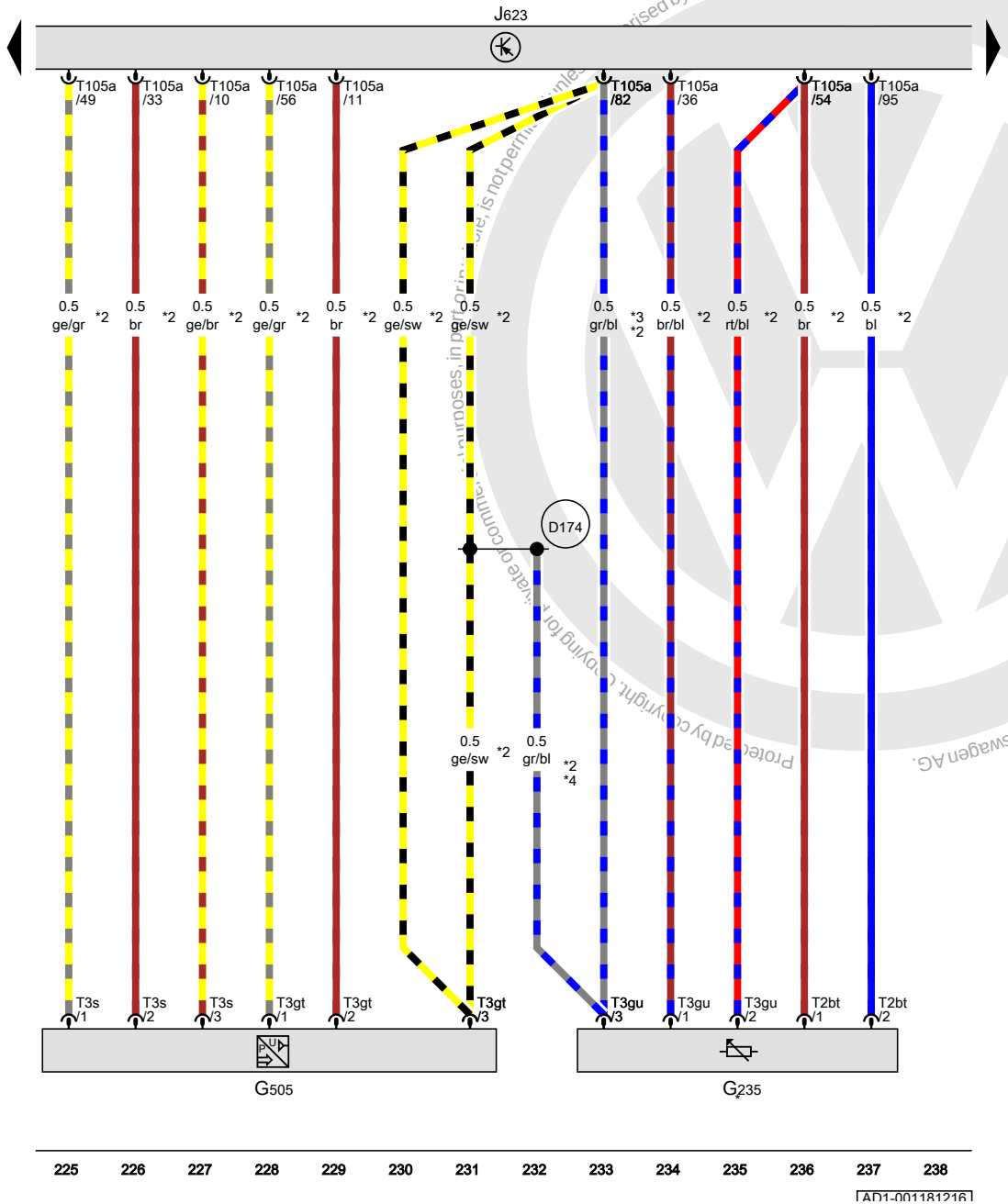


Charge pressure sender, Fuel pressure sender, Exhaust gas pressure sensor 1, Position sender for charge pressure positioner, Engine control unit, Injector for reducing agent

G31	Charge pressure sender
G247	Fuel pressure sender
G450	Exhaust gas pressure sensor 1
G581	Position sender for charge pressure positioner
J623	Engine control unit
N474	Injector for reducing agent
T2fn	2-pin connector, brown
T3gn	3-pin connector, black
T3gr	3-pin connector, black
T3r	3-pin connector, black
T3y	3-pin connector, brown
T91a	91-pin connector, black
T105a	105-pin connector, black

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rs	=	pink

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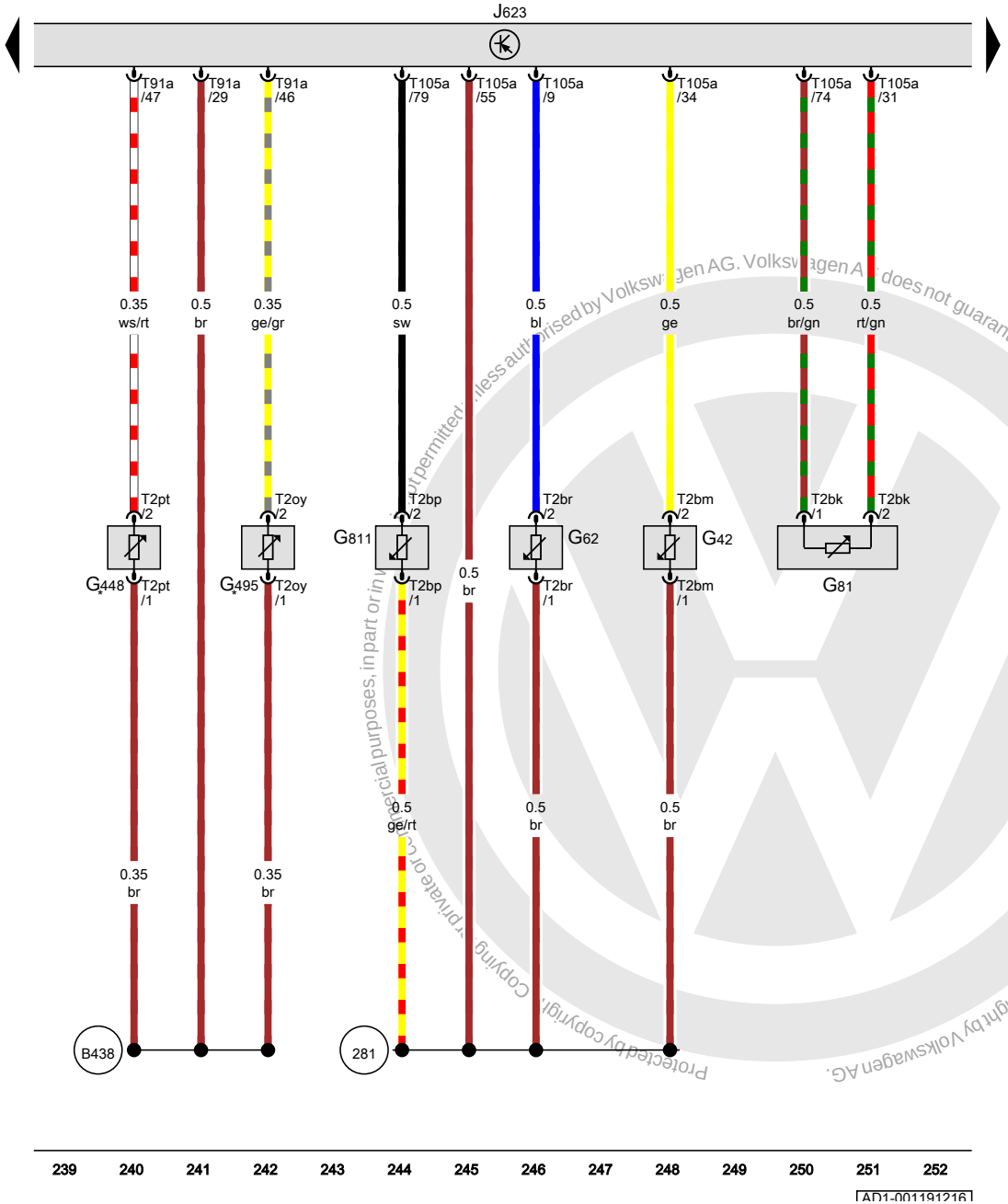


Exhaust gas temperature sender 1, Engine control unit

G235	Exhaust gas temperature sender 1
G505	Pressure differential sender
J623	Engine control unit
T2bt	2-pin connector, black
T3gt	3-pin connector, black
T3gu	3-pin connector, black
T3s	3-pin connector, black
T105a	105-pin connector, black
D174	Connection 2 (5V) in engine prewiring harness
*	Pre-wired component
*2	According to equipment
*3	Only models with manual gearbox
*4	Only models with dual clutch gearbox (DSG)

ws	=	white
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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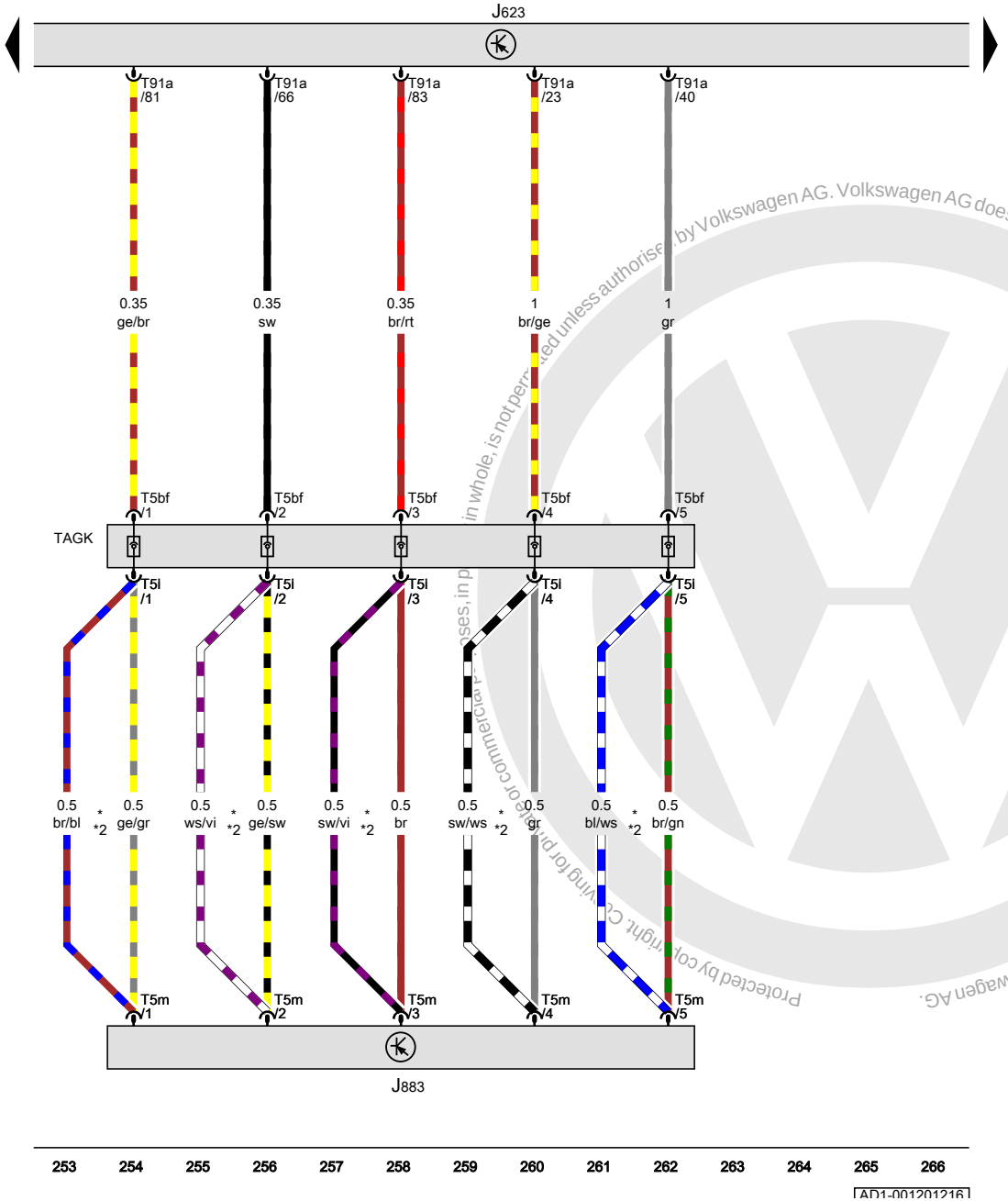


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Intake air temperature sender, Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Charge air temperature sender after charge air cooler, Engine control unit

G42	Intake air temperature sender
G62	Coolant temperature sender
G81	Fuel temperature sender
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G811	Charge air temperature sender after charge air cooler
J623	Engine control unit
T2bk	2-pin connector, black
T2bm	2-pin connector, black
T2bp	2-pin connector, black
T2br	2-pin connector, black
T2oy	2-pin connector, brown
T2pt	2-pin connector, black
T91a	91-pin connector, black
T105a	105-pin connector, black
281	Earth point 1, engine prewiring harness
B438	Connection 2 (GND (earth)), in main wiring harness
*	Pre-wired component

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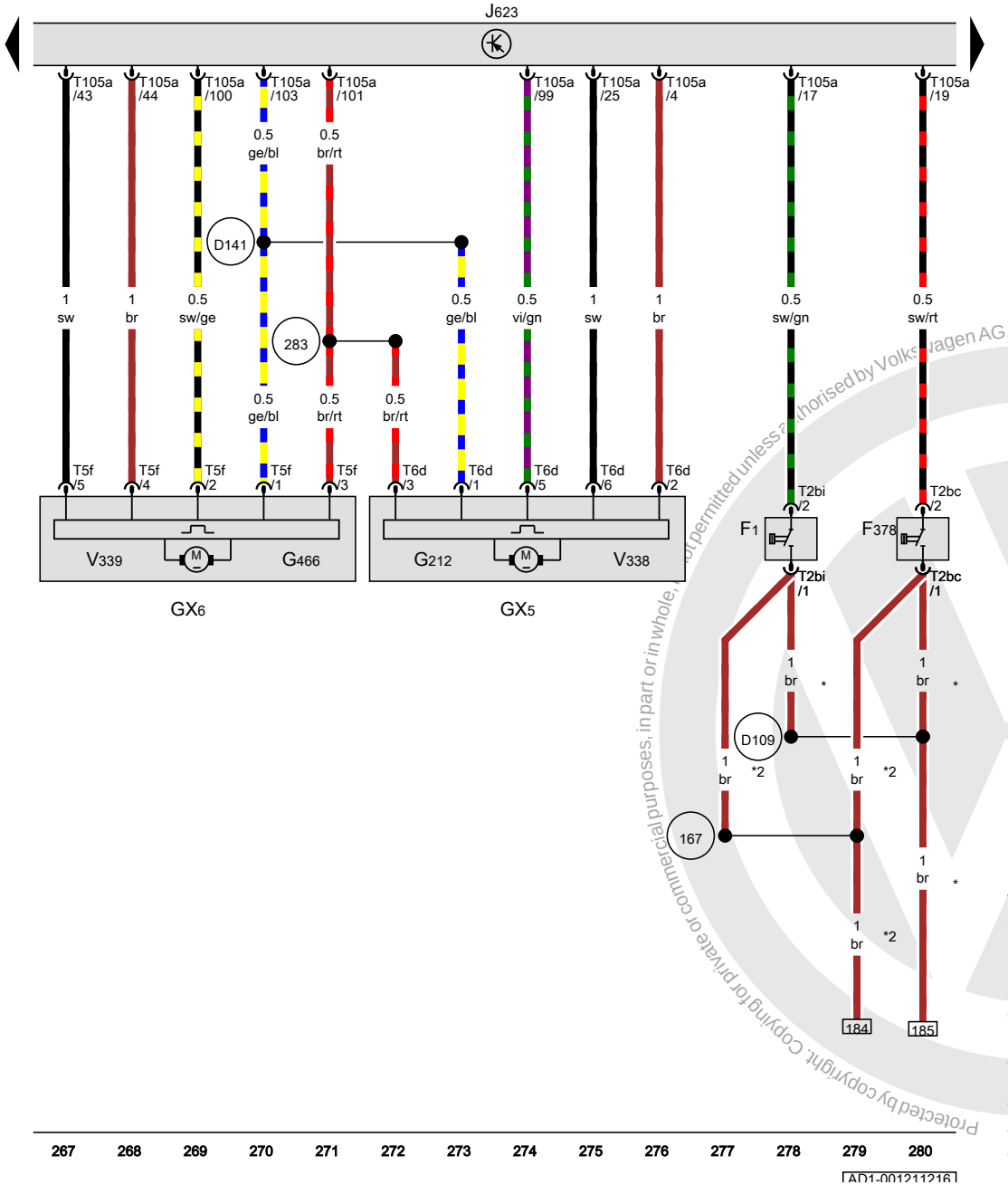


Engine control unit, Exhaust flap control unit

J623	Engine control unit
J883	Exhaust flap control unit
T5bf	5-pin connector, brown
T5i	5-pin connector, dark brown
T5l	5-pin connector, dark brown
T5m	5-pin connector, black
T91a	91-pin connector, black
TAGK	Coupling point for exhaust flap control unit
*	From November 2016
*2	Only models with front-wheel drive

ws	=	white
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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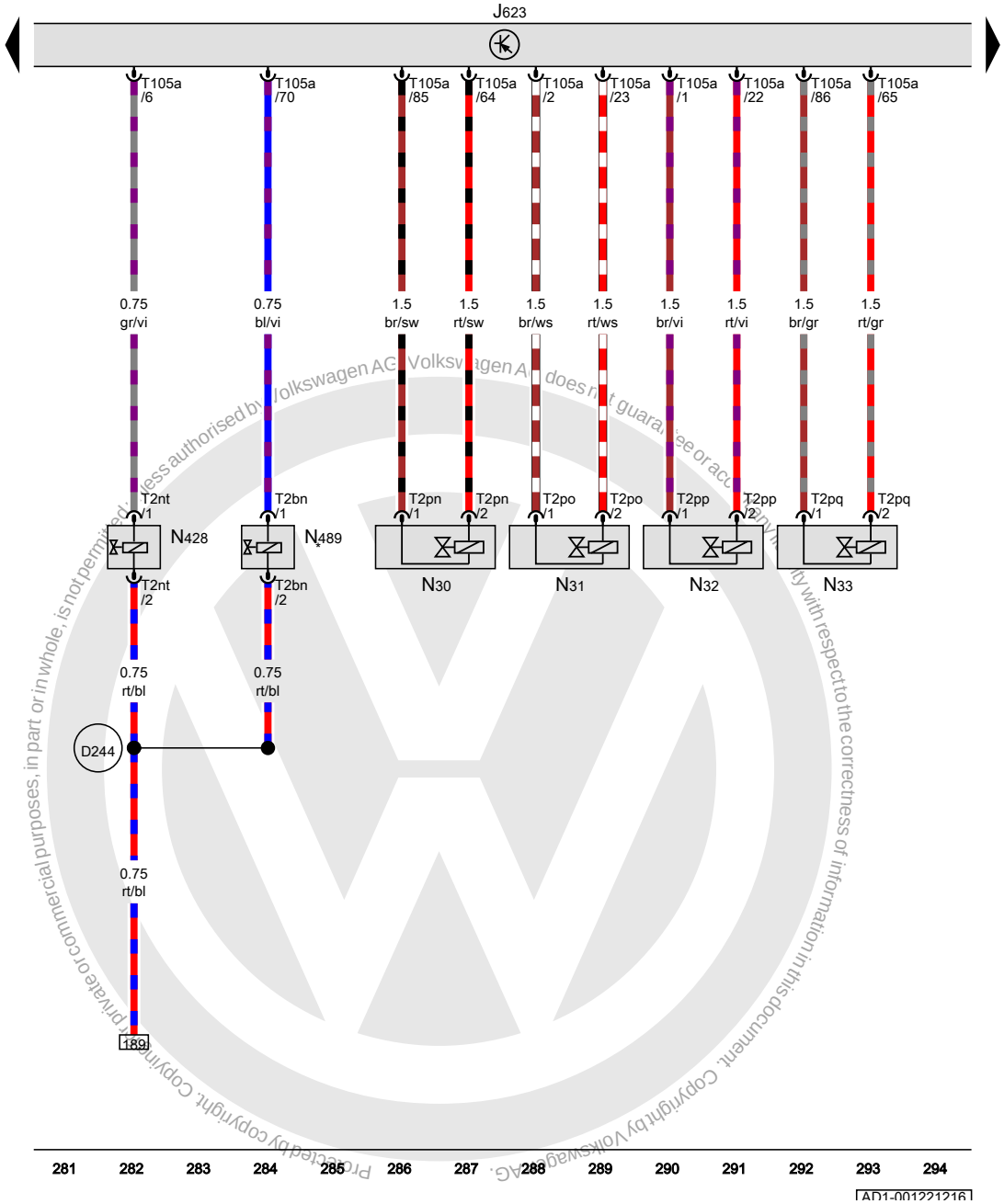


Oil pressure switch, Oil pressure switch for reduced oil pressure, Exhaust gas recirculation valve 1, Exhaust gas recirculation valve 2, Exhaust gas recirculation potentiometer, Exhaust gas recirculation potentiometer 2, Engine control unit, Exhaust gas recirculation control motor, Exhaust gas recirculation control motor 2

F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
GX5	Exhaust gas recirculation valve 1
GX6	Exhaust gas recirculation valve 2
G212	Exhaust gas recirculation potentiometer
G466	Exhaust gas recirculation potentiometer 2
J623	Engine control unit
T2bc	2-pin connector, black
T2bi	2-pin connector, red
T5f	5-pin connector, black
T6d	6-pin connector, grey
T105a	105-pin connector, black
V338	Exhaust gas recirculation control motor
V339	Exhaust gas recirculation control motor 2
167	Earth connection 4, in engine compartment wiring harness
283	Earth point 2, engine prewiring harness
D109	Connection 7 in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	Only models with dual clutch gearbox (DSG)
*2	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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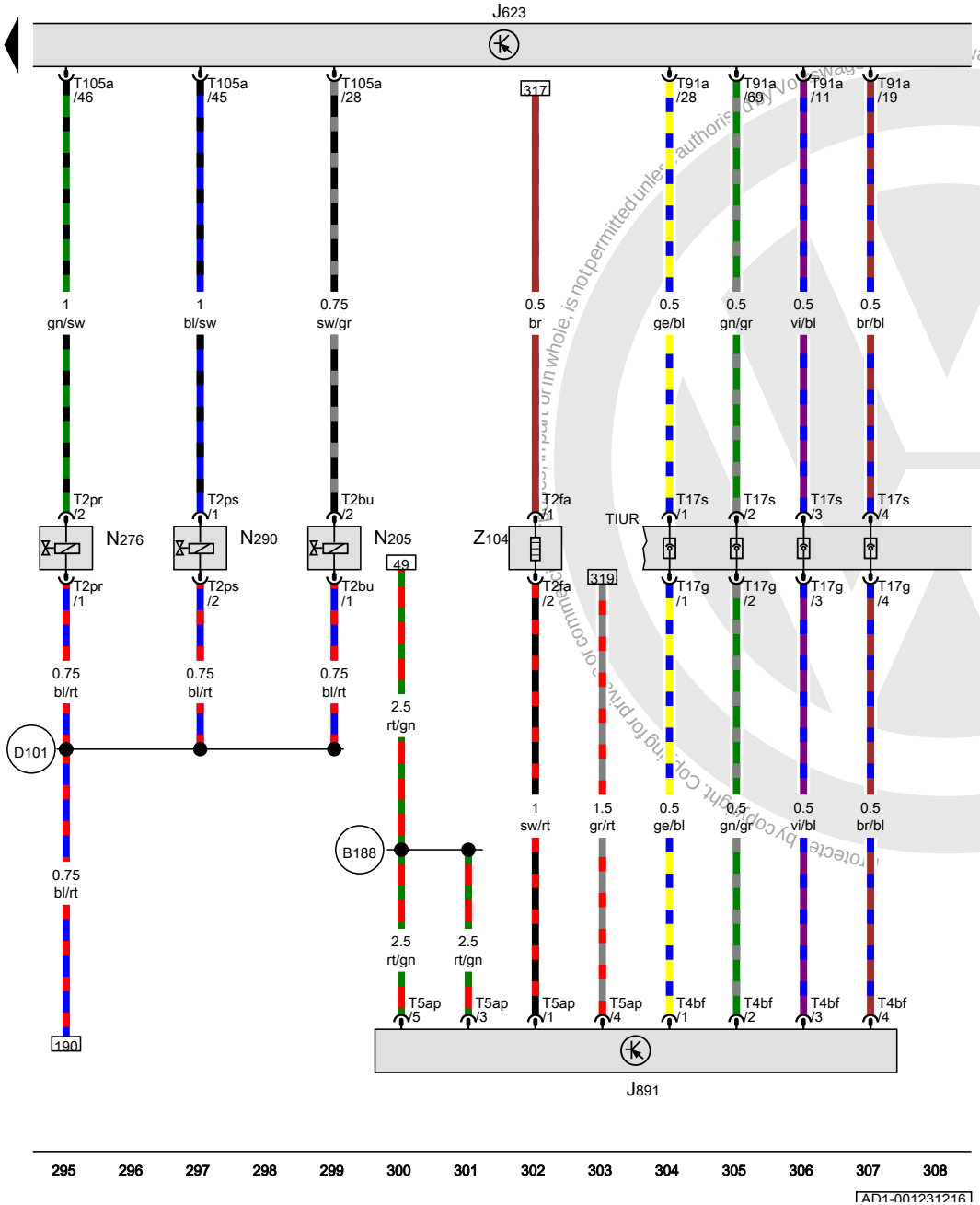
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Valve for oil pressure control, Coolant valve for cylinder head

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T2bn	2-pin connector, brown
T2nt	2-pin connector, black
T2pn	2-pin connector, black
T2po	2-pin connector, black
T2pp	2-pin connector, black
T2pq	2-pin connector, black
T105a	105-pin connector, black
D244	Connection 5 (87a) in engine prewiring 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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or	=	orange
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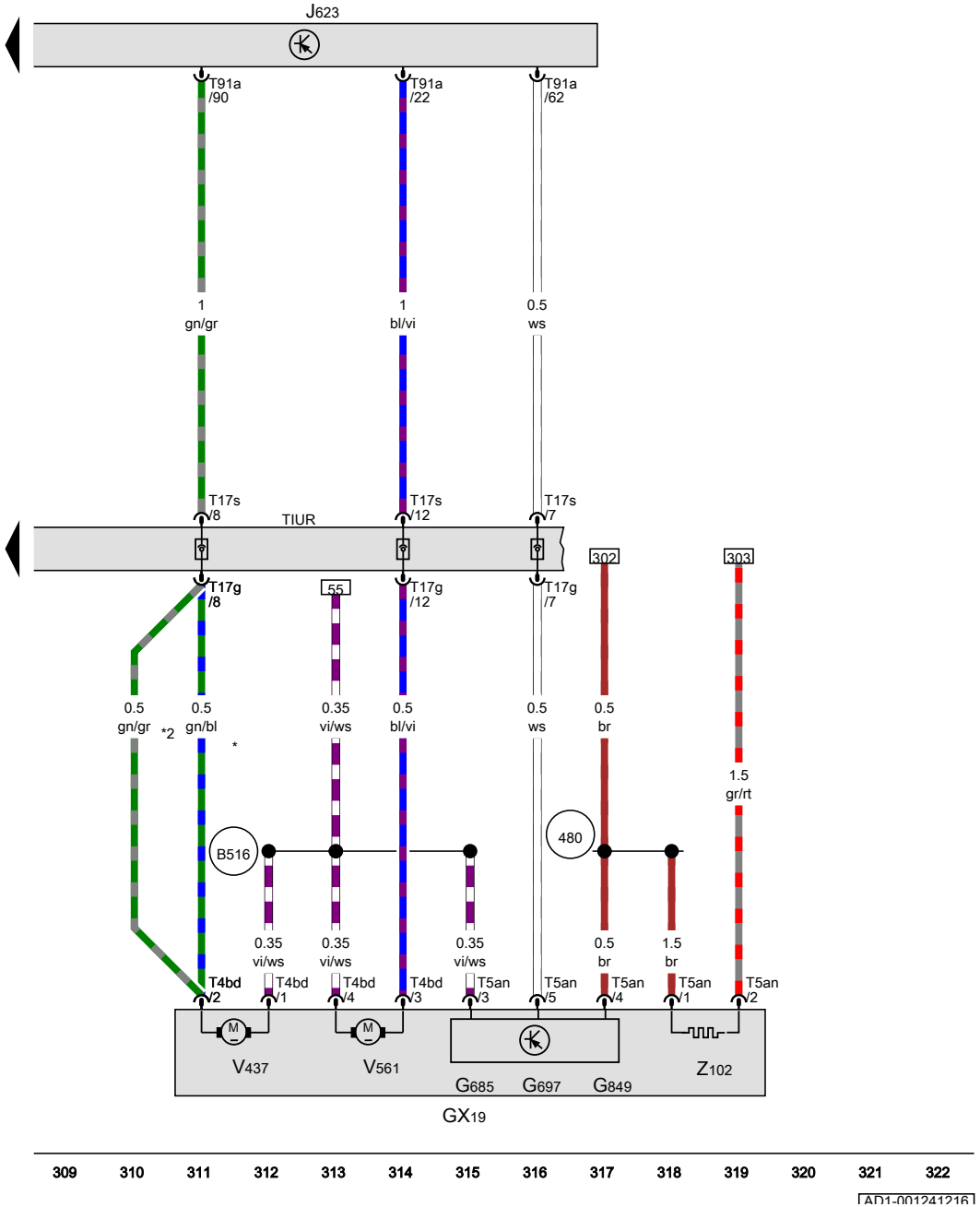
Engine control unit, Control unit for reducing agent heater, Camshaft control valve 1, Fuel pressure regulating valve, Fuel metering valve, Heater for reducing agent line (heater circuit 2)



J623	Engine control unit
J891	Control unit for reducing agent heater
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2bu	2-pin connector, black
T2fa	2-pin connector, black
T2pr	2-pin connector, black
T2ps	2-pin connector, black
T4bf	4-pin connector, black
T5ap	5-pin connector, colourless
T17g	17-pin connector, brown
T17s	17-pin connector, brown
T91a	91-pin connector, black
T105a	105-pin connector, black
TIUR	Coupling point in interior, below right
Z104	Heater for reducing agent line (heater circuit 2)
B188	Positive connection 5 (30), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Delivery unit for reducing agent metering system, Temperature sender for reducing agent, Reducing agent level sender, Reducing agent quality sensor, Engine control unit, Pump for reducing agent, Reducing agent return flow pump, Heater for reducing agent tank (heater circuit 1)

GX19	Delivery unit for reducing agent metering system
G685	Temperature sender for reducing agent
G697	Reducing agent level sender
G849	Reducing agent quality sensor
J623	Engine control unit
T4bd	4-pin connector, black
T5an	5-pin connector, black
T17g	17-pin connector, brown
T17s	17-pin connector, brown
T91a	91-pin connector, black
TIUR	Coupling point in interior, below right
V437	Pump for reducing agent
V561	Reducing agent return flow pump
Z102	Heater for reducing agent tank (heater circuit 1)
480	Earth connection, in fuel tank wiring harness
B516	Positive connection 5 (87), in interior wiring harness
*	From May 2016
*2	Up to May 2016

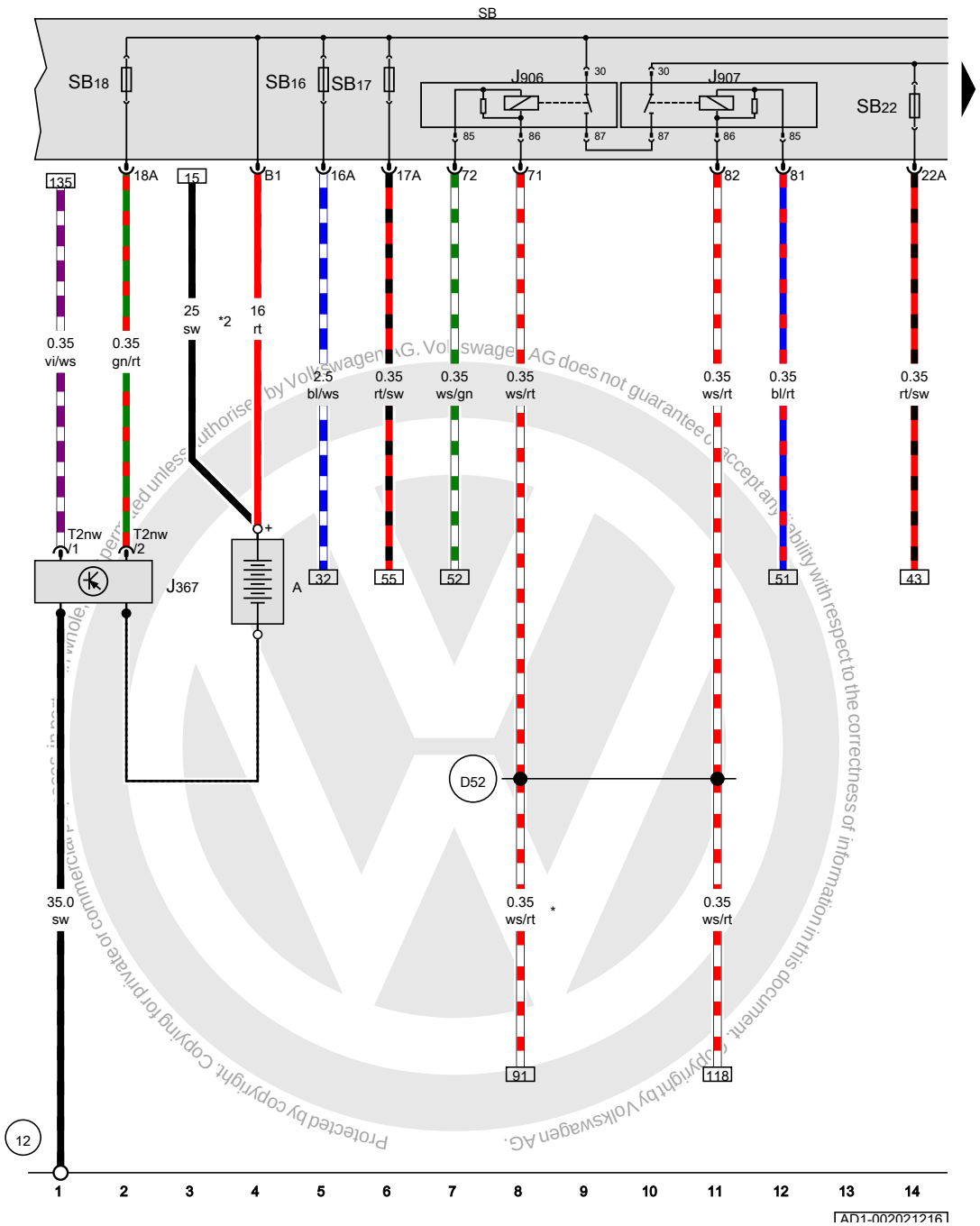
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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2.0l petrol engine , CZPA

From January 2016

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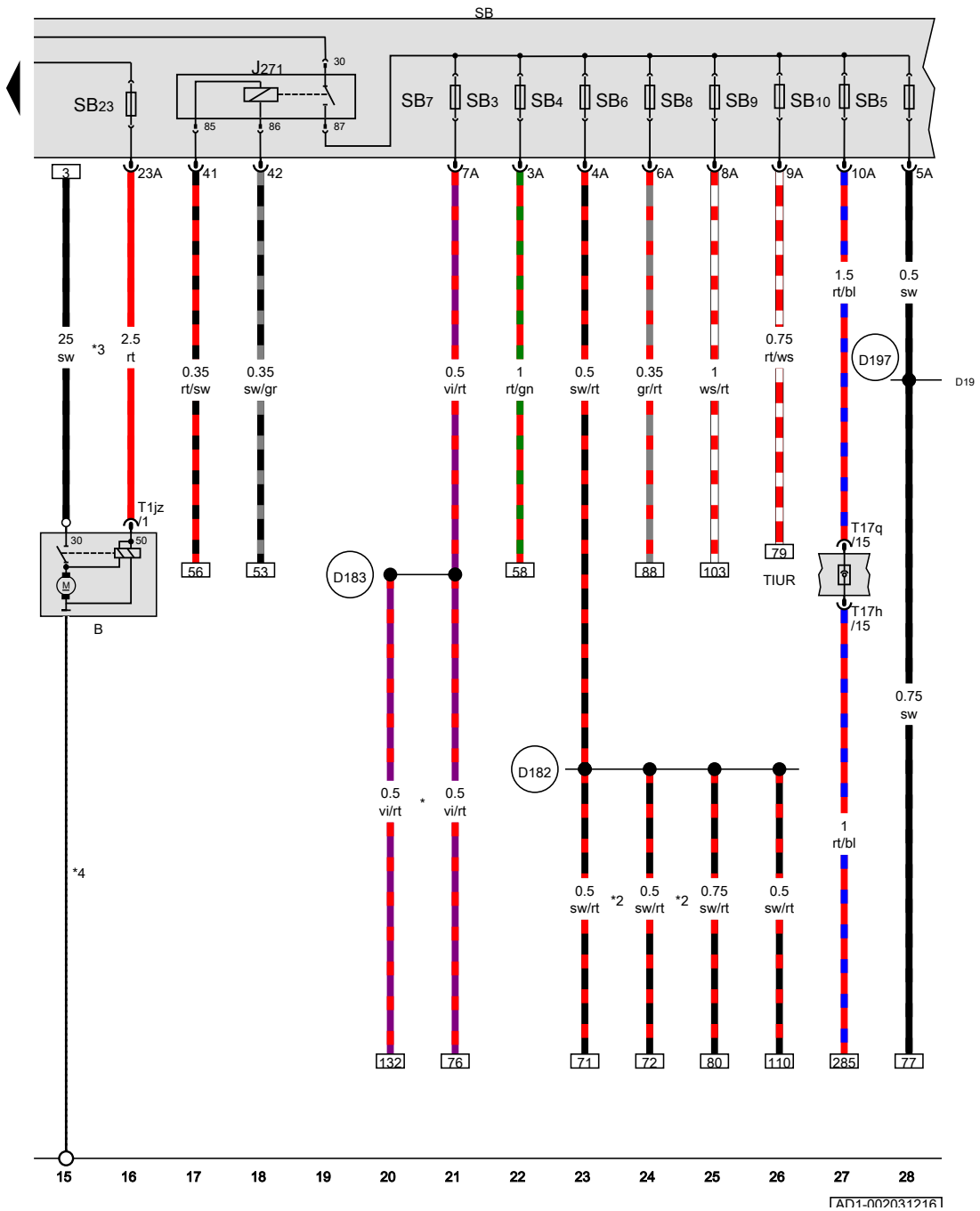


Battery, Battery monitor control unit, Fuse holder B

A	Battery
J367	Battery monitor control unit, on earth cable battery clamp
J906	Starter relay 1
J907	Starter relay 2
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
SB22	Fuse 22 on fuse holder B
T2nw	2-pin connector, black
12	Earth point, on left in engine compartment
D52	Positive connection (15a), in engine compartment wiring harness
*	Only models with manual gearbox
*2	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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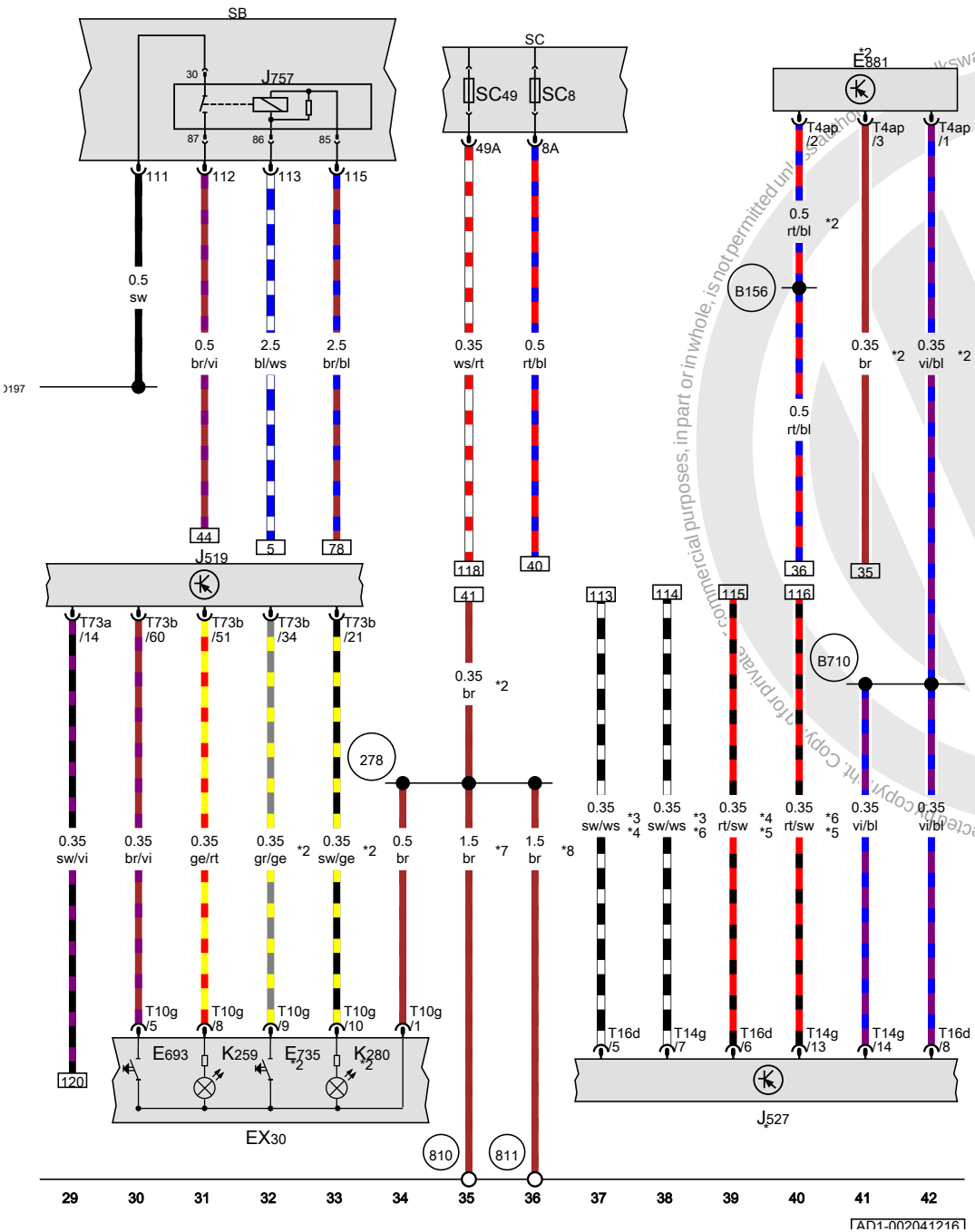


Starter, Fuse holder B

B	Starter
J271	Main relay
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 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
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB23	Fuse 23 on fuse holder B
T1jz	1-pin connector, black
T17h	17-pin connector, red
T17q	17-pin connector, red
TIUR	Coupling point in interior, below right
D182	Connection 3 (87a), in engine compartment wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
D197	Connection 5 (87a), in engine compartment wiring harness
*	Only models with dual clutch gearbox
*2	see applicable current flow diagram for radiator fan
*3	Cross section depends on equipment
*4	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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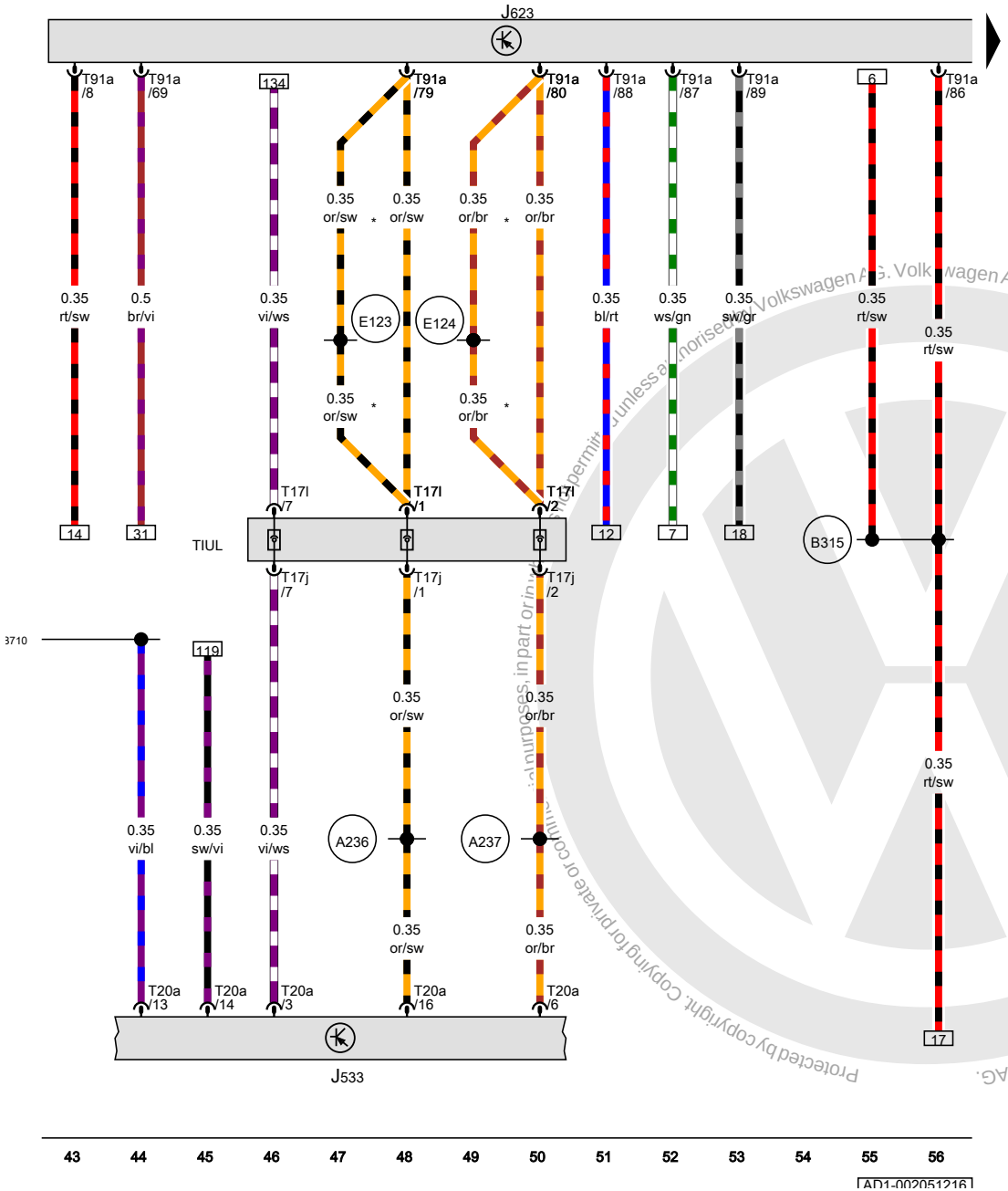


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Switch module 2 in centre console, Operating unit for driving mode selection, Onboard supply control unit, Steering column electronics control unit, Start/Stop operation warning lamp, Driving mode selection warning lamp, Fuse holder B, Fuse holder C

EX30	Switch module 2 in centre console
E693	Start/Stop operation button
E735	Driving mode selection button
E881	Operating unit for driving mode selection
J519	Onboard supply control unit
J527	Steering column electronics control unit
J757	Engine component current supply relay
K259	Start/Stop operation warning lamp
K280	Driving mode selection warning lamp
SB	Fuse holder B, in E-box
SC	Fuse holder C
SC8	Fuse 8 on fuse holder C
SC49	Fuse 49 on fuse holder C
T4ap	4-pin connector, black
T10g	10-pin connector, red
T14g	14-pin connector, black
T16d	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, black
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
B156	Positive connection (30a), in interior wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D197	Connection 5 (87a), in engine compartment wiring harness
*	see applicable current flow diagram
*2	According to equipment
*3	Only models with cruise control system
*4	Only models with no heated steering wheel
*5	Only models with no entry and start authorisation
*6	Only models with heated steering wheel
*7	Only left-hand drive models
*8	Only right-hand drive models

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Data bus diagnostic interface

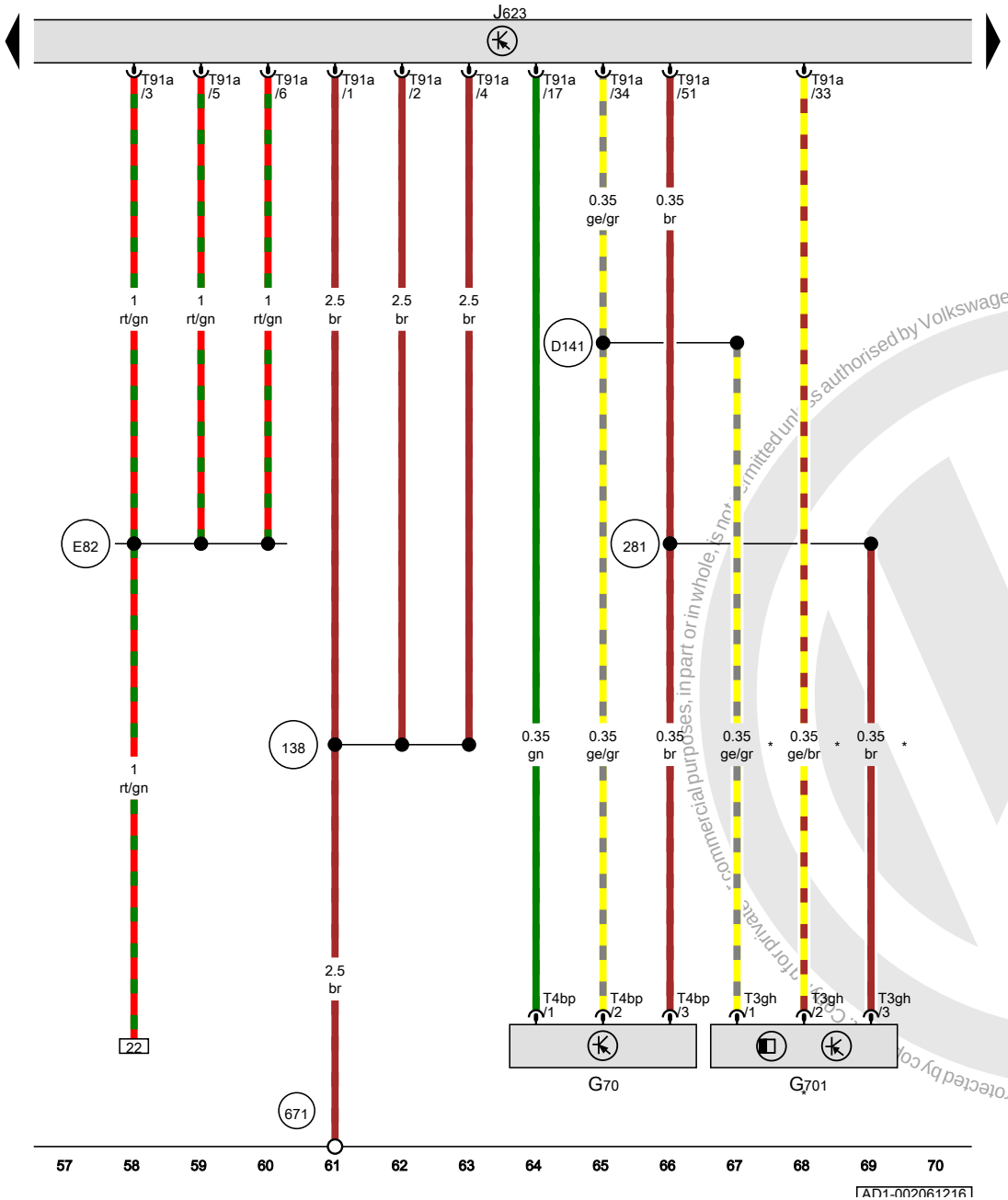
J533	Data bus diagnostic interface
J623	Engine control unit
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T20a	20-pin connector, red
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	Only models with dual clutch 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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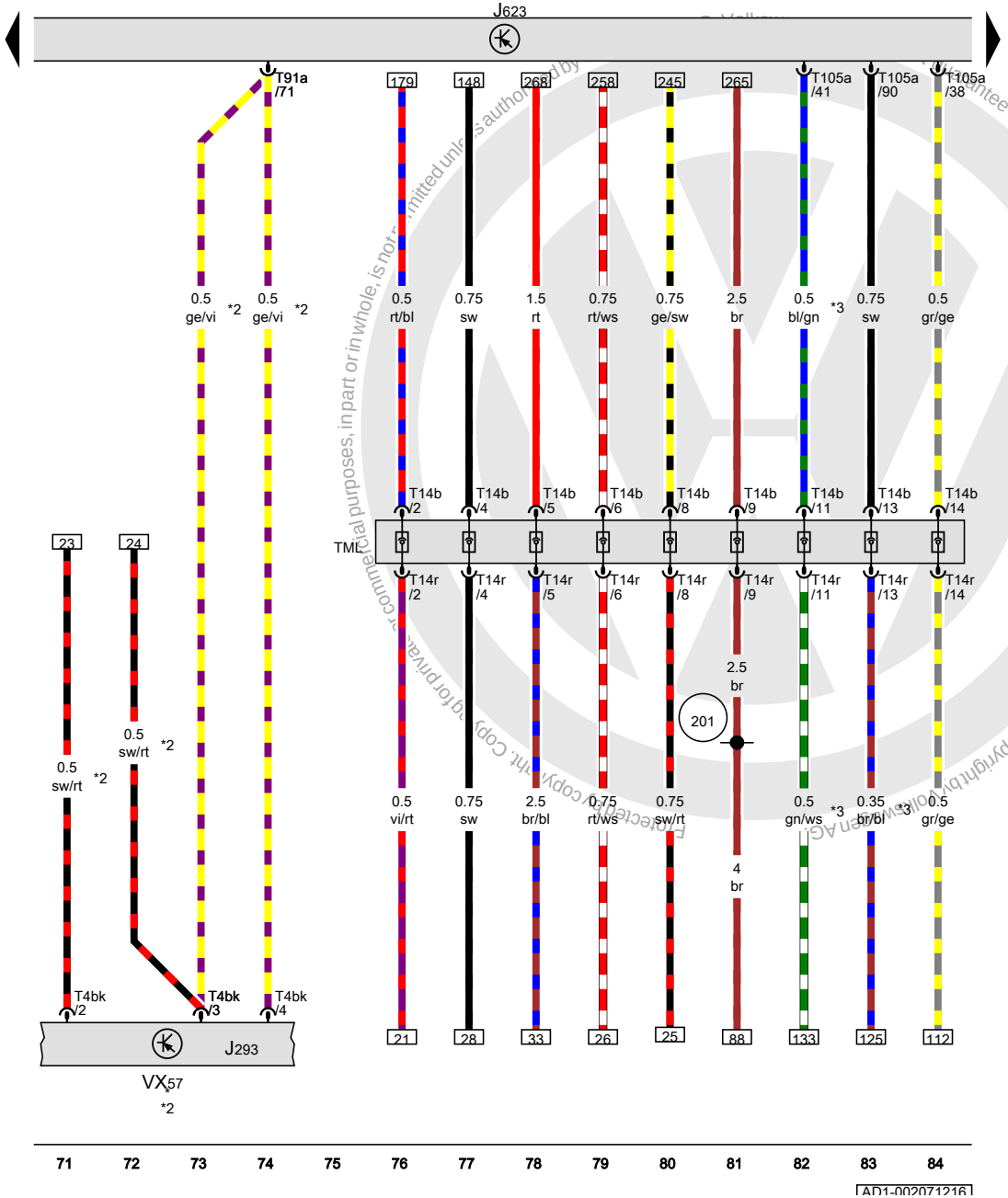
Air mass meter, Gearbox neutral position sender

G70	Air mass meter
G701	Gearbox neutral position sender
J623	Engine control unit
T3gh	3-pin connector, black
T4bp	4-pin connector, black
T91a	91-pin connector, black
138	Earth connection (control unit), in Motronic wiring harness
281	Earth point 1, engine prewiring harness
671	Earth point 1, on front of left longitudinal member
D141	Connection (5V) in engine prewiring harness
E82	Connection 6 (87a) in engine 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
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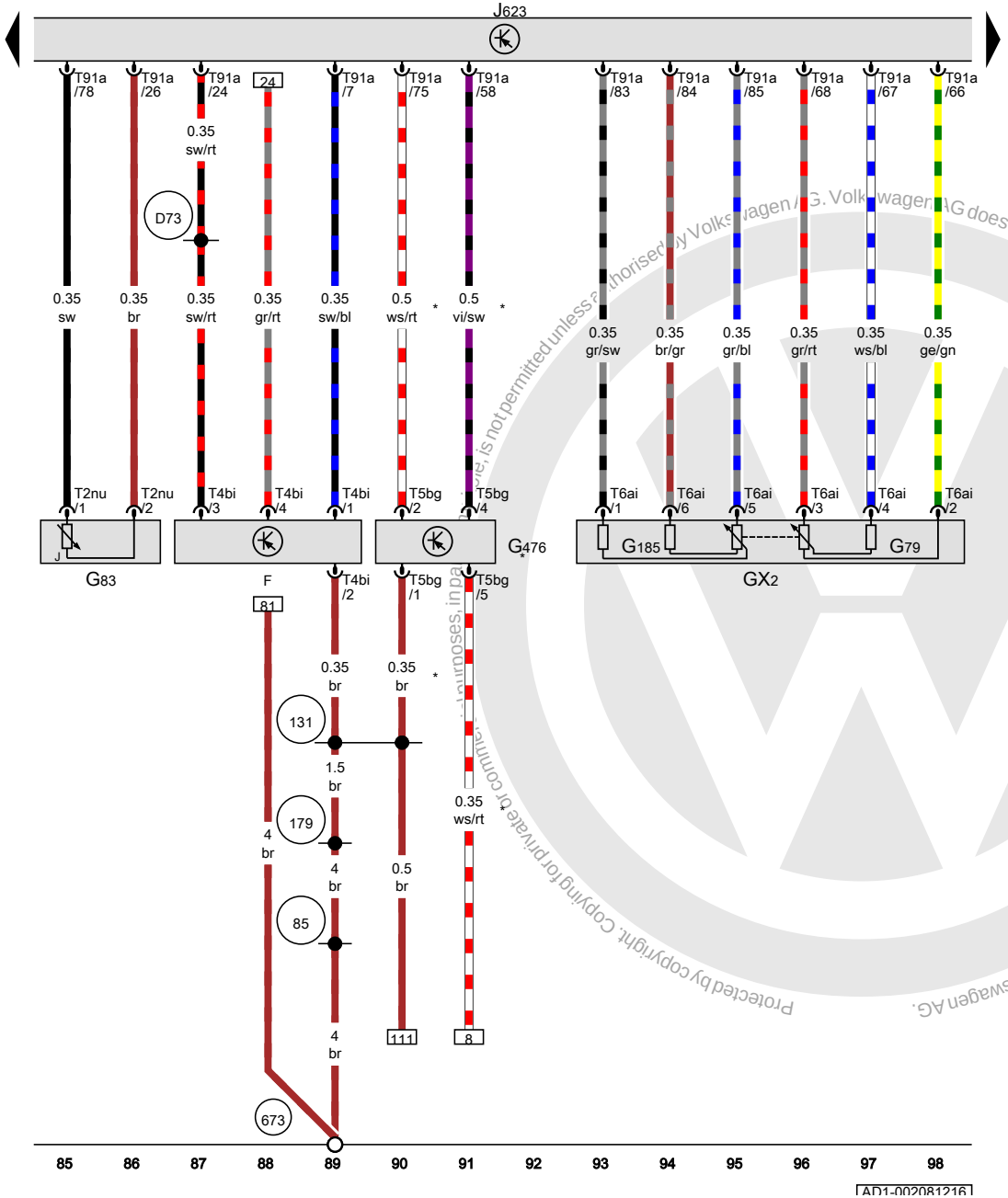


Radiator fan control unit, Radiator fan

J293	Radiator fan control unit
J623	Engine control unit
T4bk	4-pin connector, black
T14b	14-pin connector, grey
T14r	14-pin connector, grey
T91a	91-pin connector, black
T105a	105-pin connector, black
TML	Coupling point in engine compartment, left
VX57	Radiator fan
(201)	Earth connection 5, in engine compartment wiring harness
*	Pre-wired component
*2	see applicable current flow diagram for radiator fan
*3	Only models with dual clutch 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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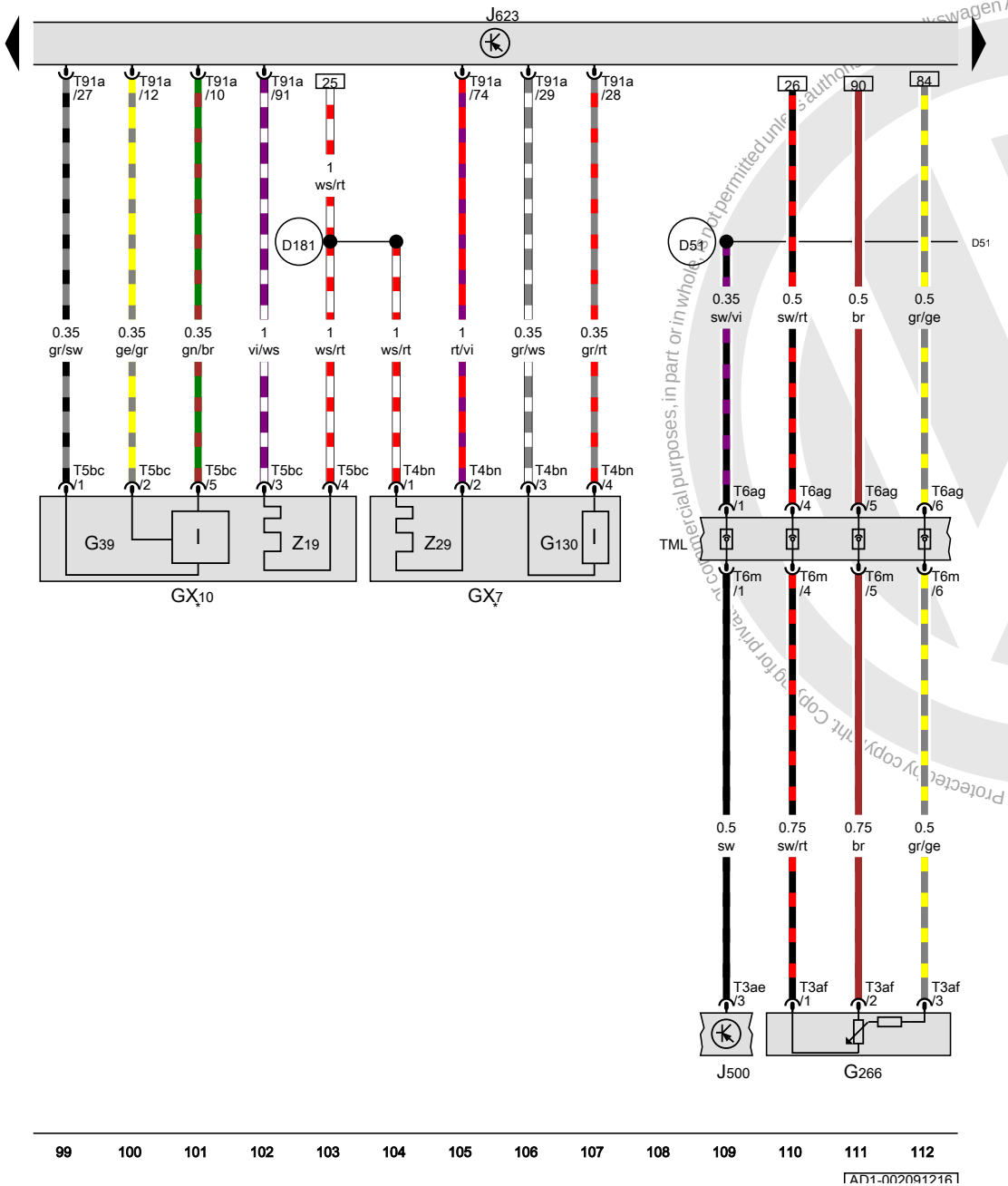


Brake light switch, Accelerator pedal module, Radiator outlet coolant temperature sender, Clutch position sender

F	Brake light switch
GX2	Accelerator pedal module
G79	Accelerator position sender
G83	Radiator outlet coolant temperature sender
G185	Accelerator position sender 2
G476	Clutch position sender
J623	Engine control unit
T2nu	2-pin connector, black
T4bi	4-pin connector, black
T5bg	5-pin connector, black
T6ai	6-pin connector, black
T91a	91-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
673	Earth point 3, on front of left longitudinal member
D73	Positive connection (54), 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
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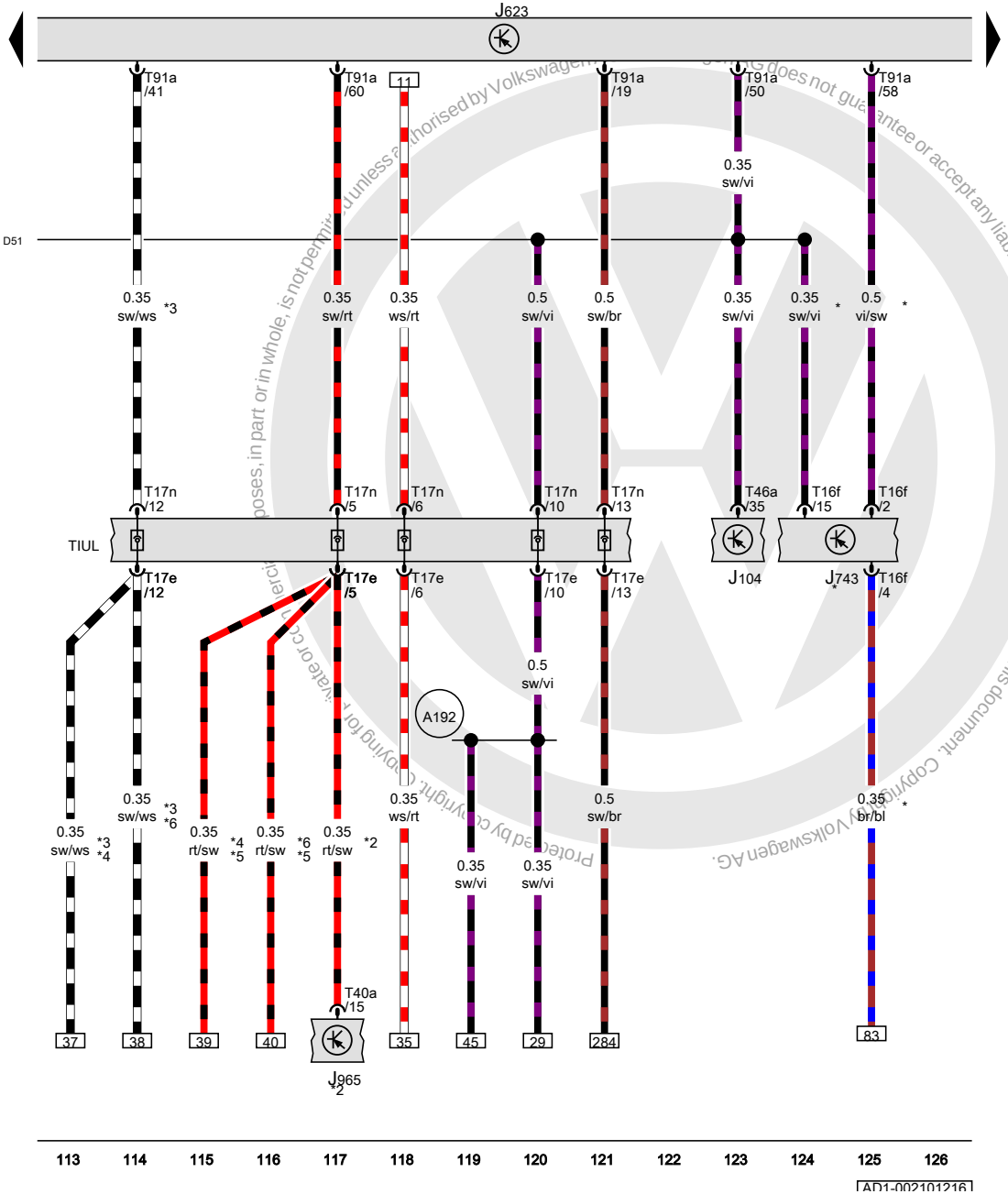


Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Oil level and oil temperature sender, Power steering control unit

GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
G266	Oil level and oil temperature sender
J500	Power steering control unit
J623	Engine control unit
T3ae	3-pin connector, black
T3af	3-pin connector, black
T4bn	4-pin connector, black
T5bc	5-pin connector, grey
T6ag	6-pin connector, black
T6m	6-pin connector, black
T91a	91-pin connector, black
TML	Coupling point in engine compartment, left
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D51	Positive connection 1 (15), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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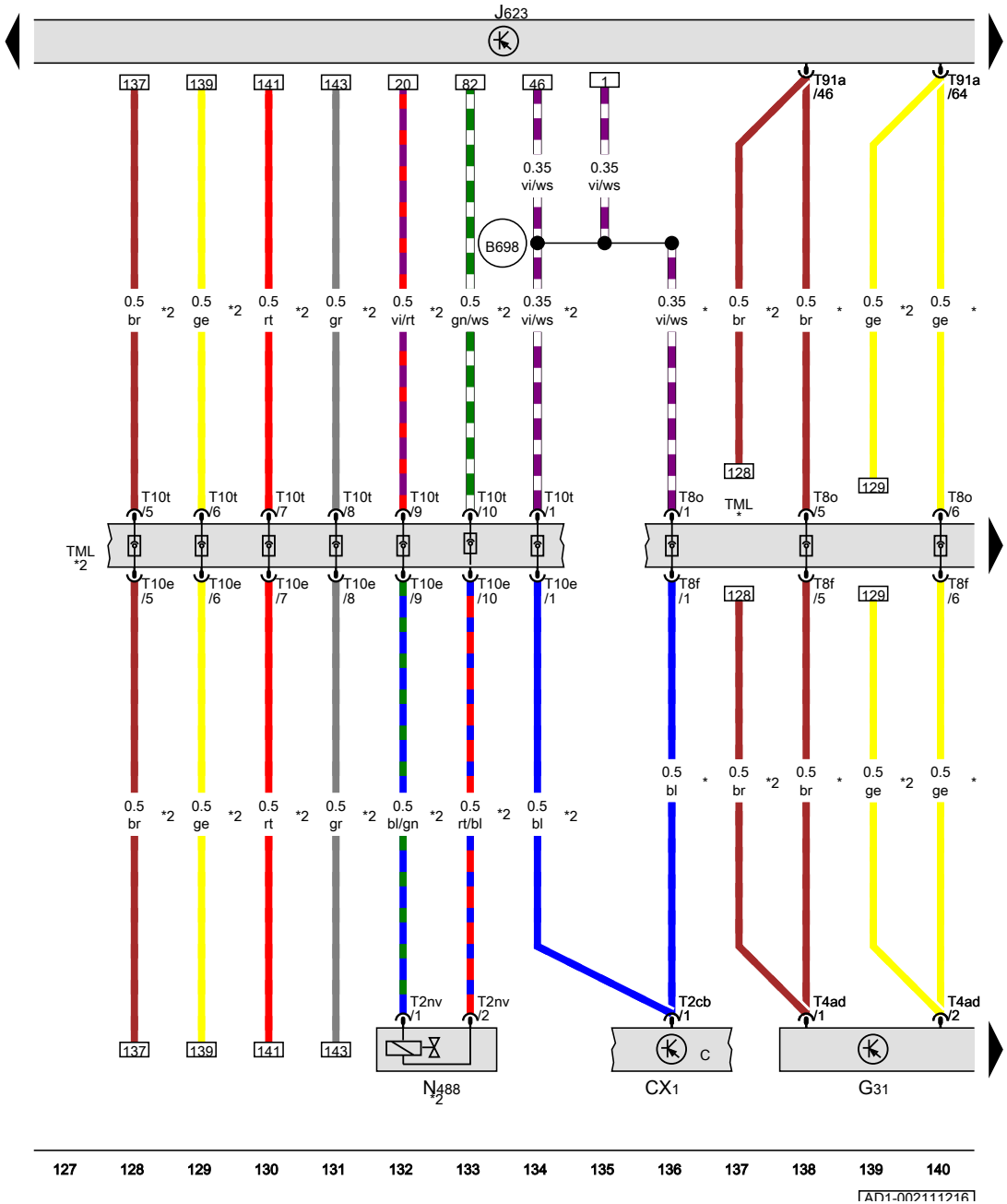
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Mechatronic unit for dual clutch gearbox, Interface for entry and start system

J104	ABS control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
J965	Interface for entry and start system
T16f	16-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T40a	40-pin connector, black
T46a	46-pin connector, black
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
A192	Positive connection 3 (15a) in dash panel wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness

*	Only models with dual clutch gearbox
*2	Only models with entry and start authorisation
*3	Only models with cruise control system
*4	Only models with no heated steering wheel
*5	Only models with no entry and start authorisation
*6	Only models with heated steering wheel

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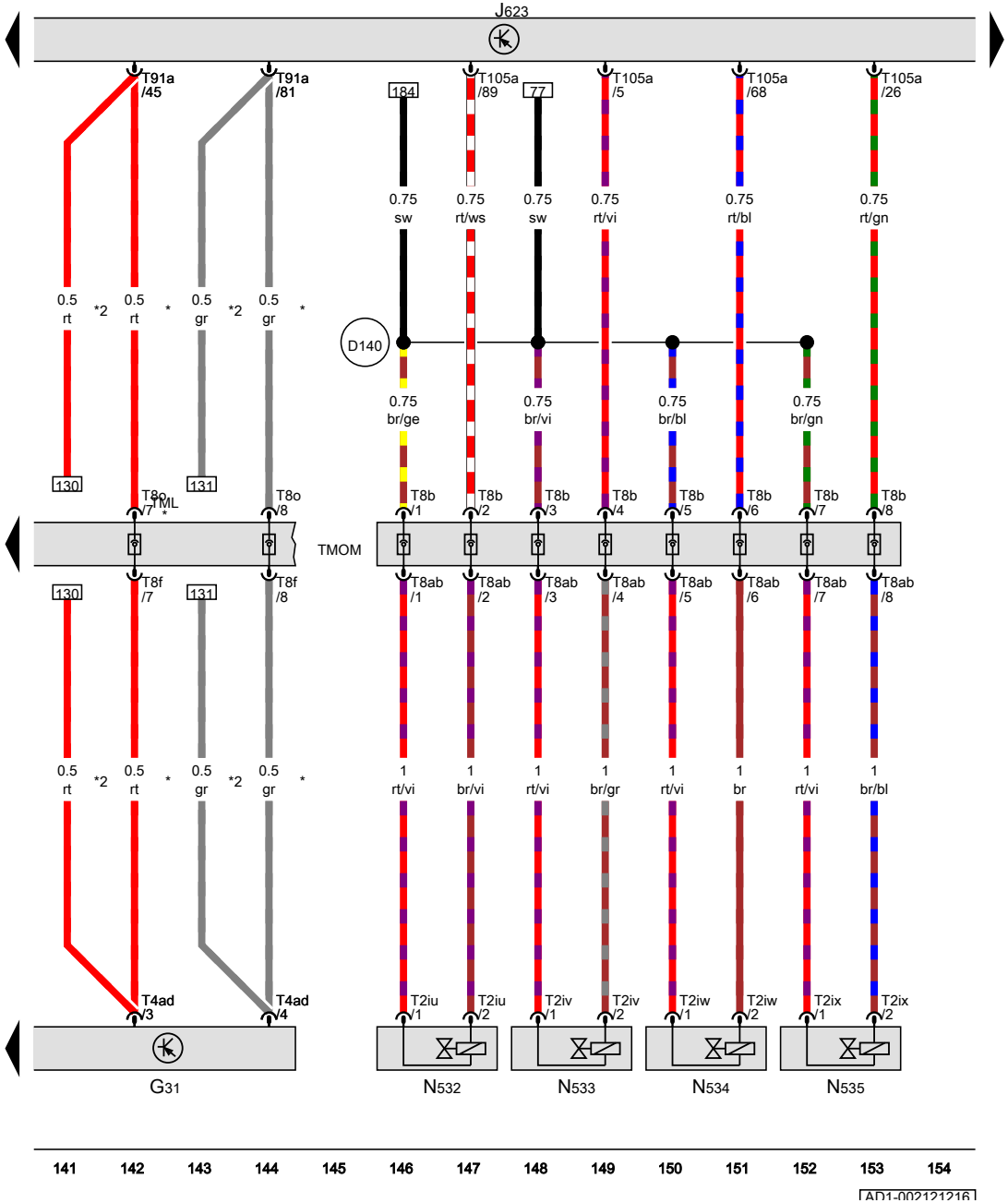


Alternator, Alternator with voltage regulator, Charge pressure sender, Coolant valve for gearbox

C	Alternator
CX1	Alternator with voltage regulator
G31	Charge pressure sender
J623	Engine control unit
N488	Coolant valve for gearbox
T2cb	2-pin connector, black
T2nv	2-pin connector, black
T4ad	4-pin connector, black
T8f	8-pin connector, black
T8o	8-pin connector, black
T10e	10-pin connector, black
T10t	10-pin connector, black
T91a	91-pin connector, black
TML	Coupling point in engine compartment, left
B698	Connection 3 (LIN bus) in main wiring harness
*	Only models with manual gearbox
*2	Only models with dual clutch 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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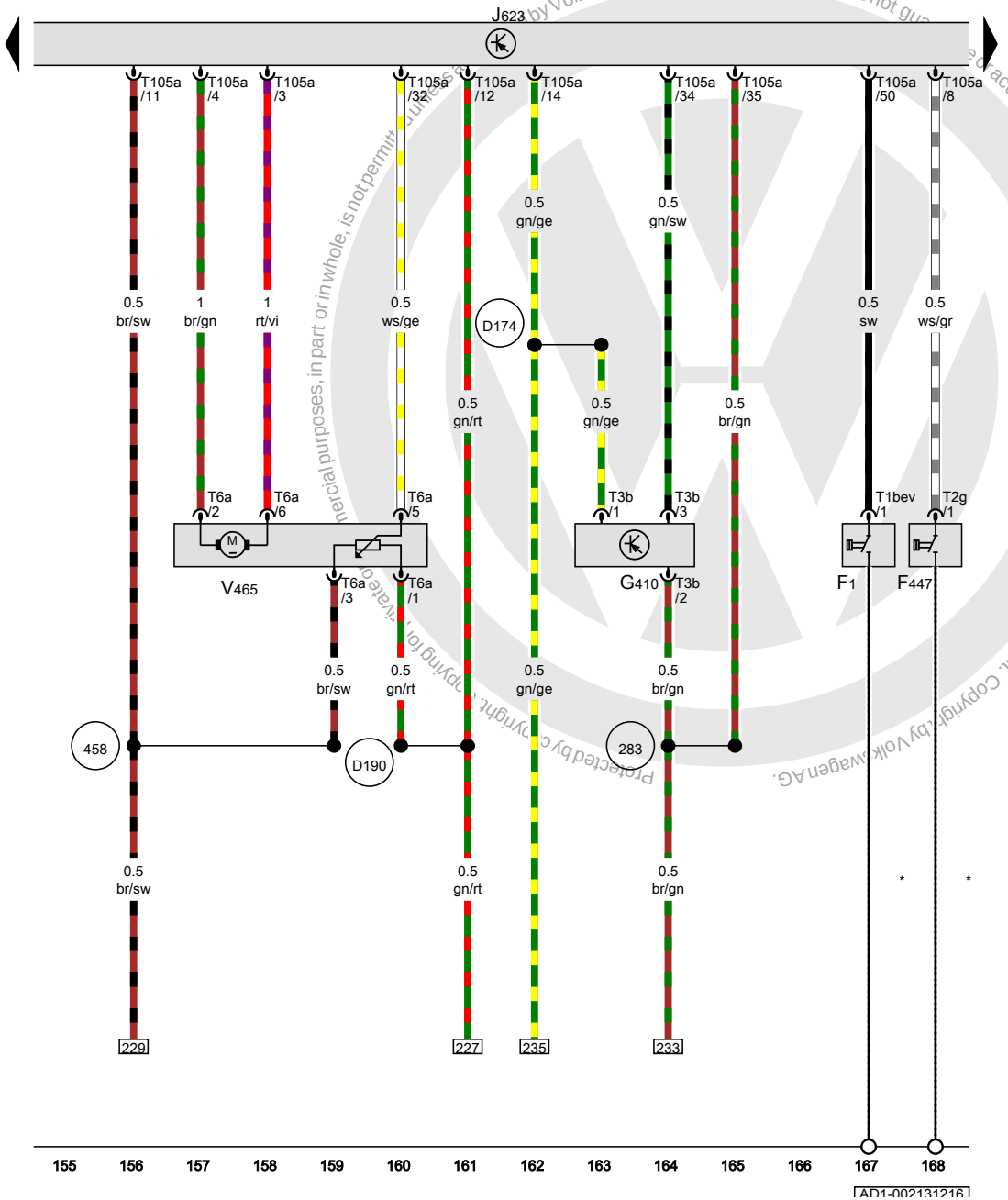


Charge pressure sender, Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4

G31	Charge pressure sender
J623	Engine control unit
N532	Injector 2, cylinder 1
N533	Injector 2, cylinder 2
N534	Injector 2, cylinder 3
N535	Injector 2, cylinder 4
T2iu	2-pin connector, black
T2iv	2-pin connector, black
T2iw	2-pin connector, black
T2ix	2-pin connector, black
T4ad	4-pin connector, black
T8ab	8-pin connector, black
T8b	8-pin connector, black
T8f	8-pin connector, black
T8o	8-pin connector, black
T91a	91-pin connector, black
T105a	105-pin connector, black
TML	Coupling point in engine compartment, left
TMOM	Coupling point on engine, top centre
D140	Connection (injectors), in engine prewiring harness
*	Only models with manual gearbox
*2	Only models with dual clutch 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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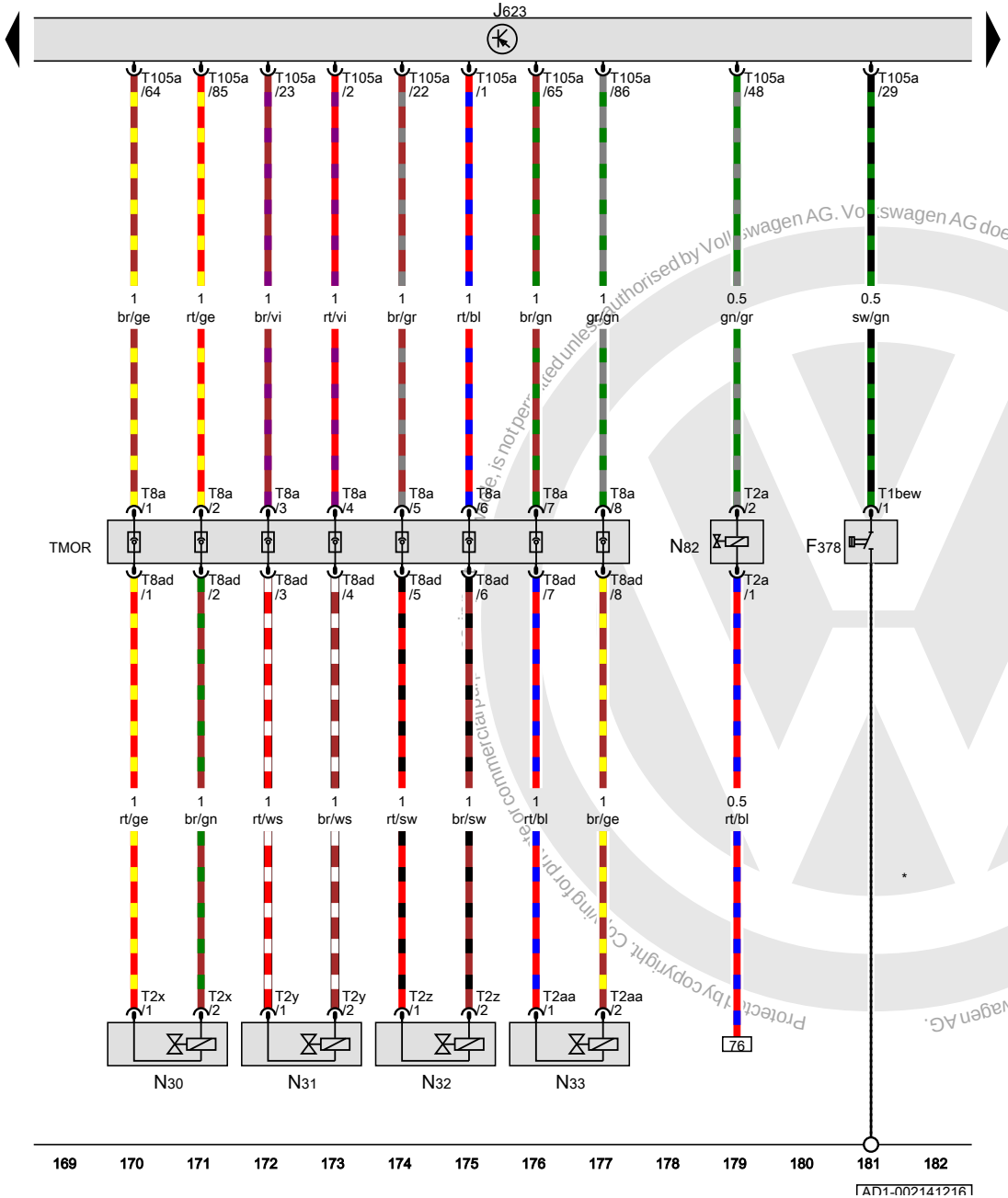


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Oil pressure switch, Stage 3 oil pressure switch, Fuel pressure sender for low pressure, Charge pressure positioner

F1	Oil pressure switch
F447	Stage 3 oil pressure switch
G410	Fuel pressure sender for low pressure
J623	Engine control unit
T1bev	1-pin connector, dark blue
T2g	2-pin connector, black
T3b	3-pin connector, blue
T6a	6-pin connector, black
T105a	105-pin connector, black
V465	Charge pressure positioner
283	Earth point 2, engine prewiring harness
458	Earth point 3, engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
D190	Connection 3 (5V) in engine prewiring harness
*	Earth supply via housing

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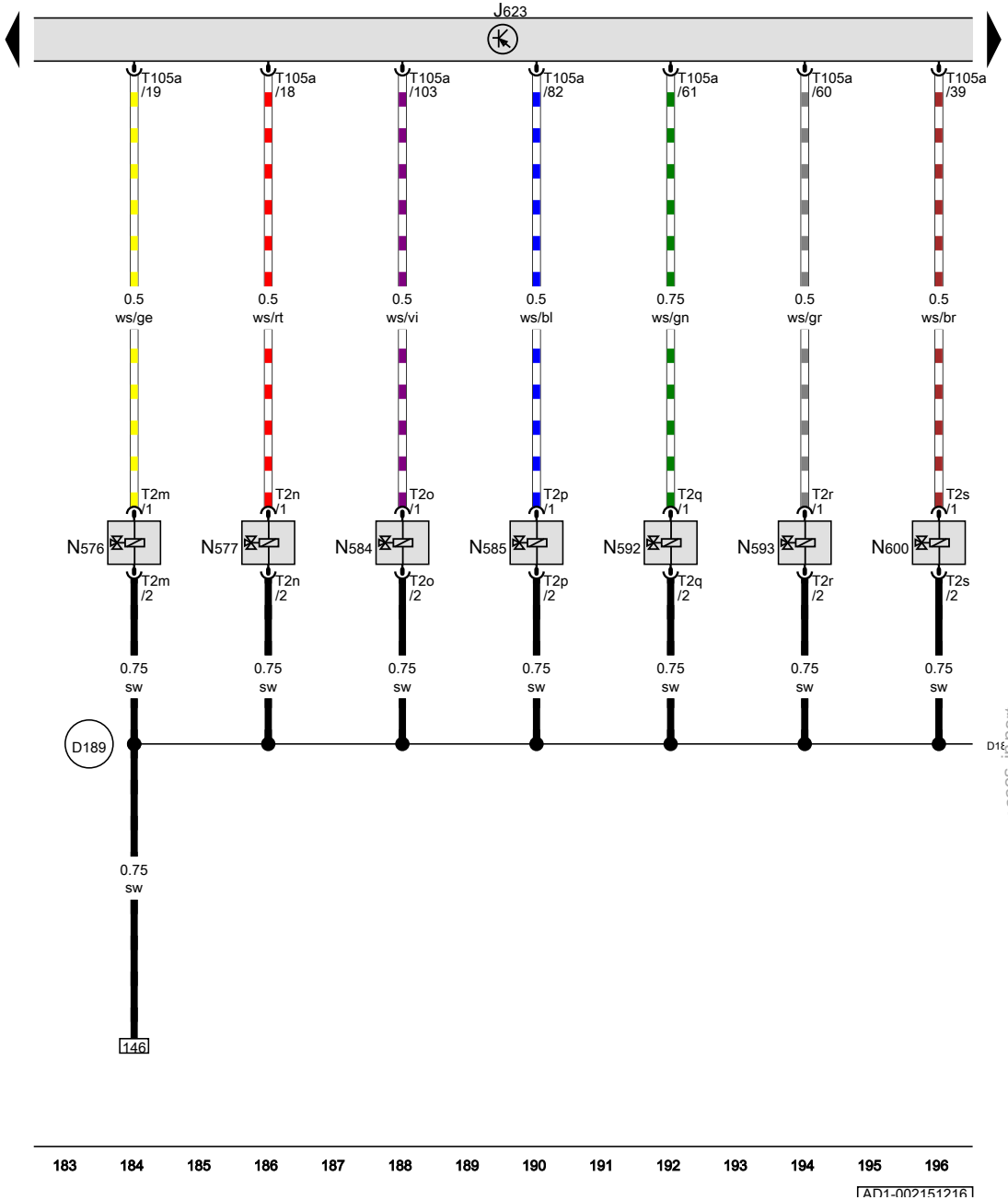


Oil pressure switch for reduced oil pressure, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Coolant shut-off valve

F378	Oil pressure switch for reduced oil pressure
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N82	Coolant shut-off valve
T1bew	1-pin connector, black
T2a	2-pin connector, black
T2aa	2-pin connector, black
T2x	2-pin connector, black
T2y	2-pin connector, black
T2z	2-pin connector, black
T8a	8-pin connector, black
T8ad	8-pin connector, black
T105a	105-pin connector, black
TMOR	Coupling point on engine, top right
*	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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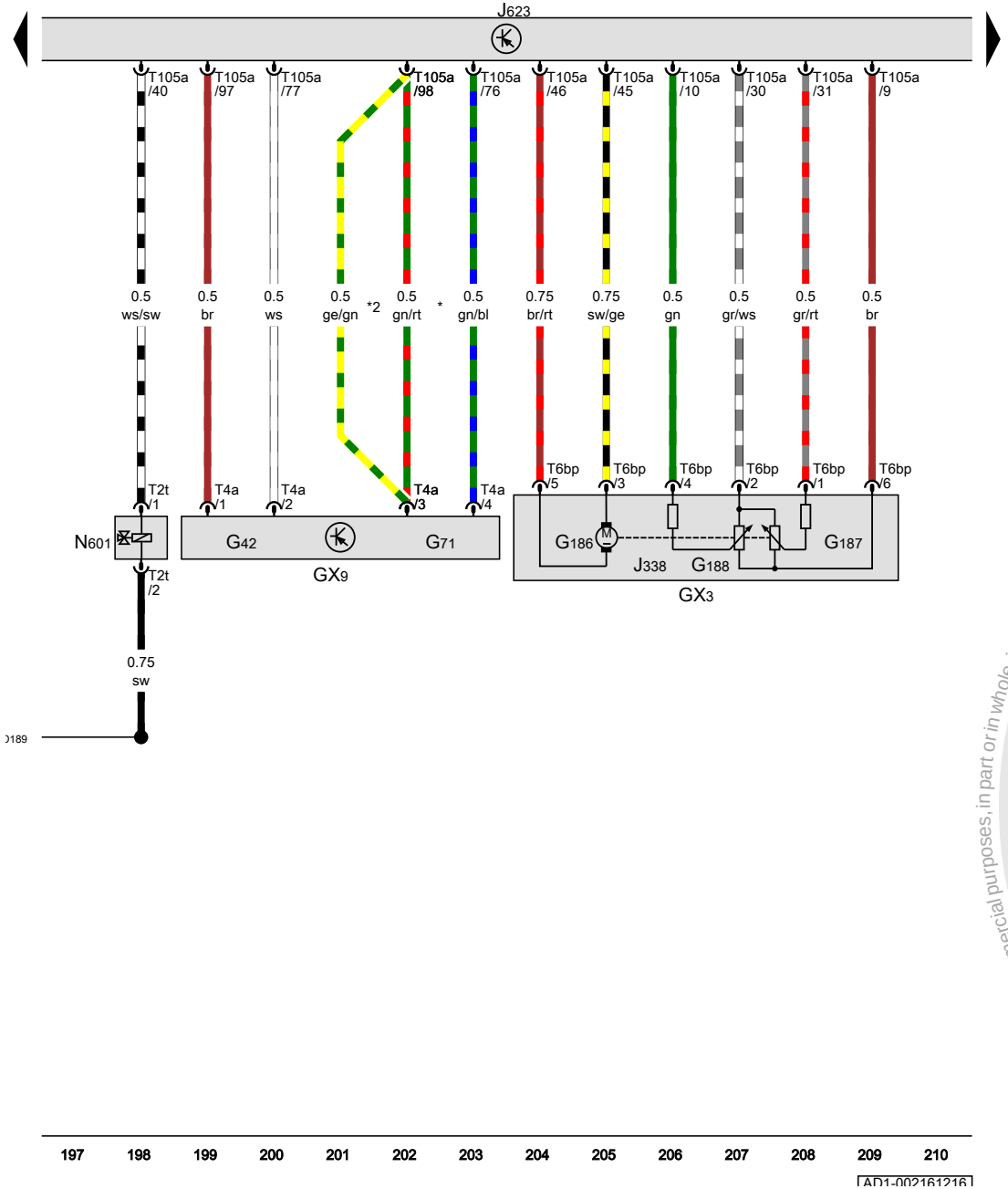


Inlet cam actuator A for cylinder 1, Inlet cam actuator B for cylinder 1, Inlet cam actuator A for cylinder 2, Inlet cam actuator B for cylinder 2, Inlet cam actuator A for cylinder 3, Inlet cam actuator B for cylinder 3, Inlet cam actuator A for cylinder 4

J623	Engine control unit
N576	Inlet cam actuator A for cylinder 1
N577	Inlet cam actuator B for cylinder 1
N584	Inlet cam actuator A for cylinder 2
N585	Inlet cam actuator B for cylinder 2
N592	Inlet cam actuator A for cylinder 3
N593	Inlet cam actuator B for cylinder 3
N600	Inlet cam actuator A for cylinder 4
T2m	2-pin connector, black
T2n	2-pin connector, black
T2o	2-pin connector, black
T2p	2-pin connector, black
T2q	2-pin connector, black
T2r	2-pin connector, black
T2s	2-pin connector, black
T105a	105-pin connector, black
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
or	=	orange
rs	=	pink

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Throttle valve module, Intake manifold sender, Throttle valve module, Inlet cam actuator B for cylinder 4

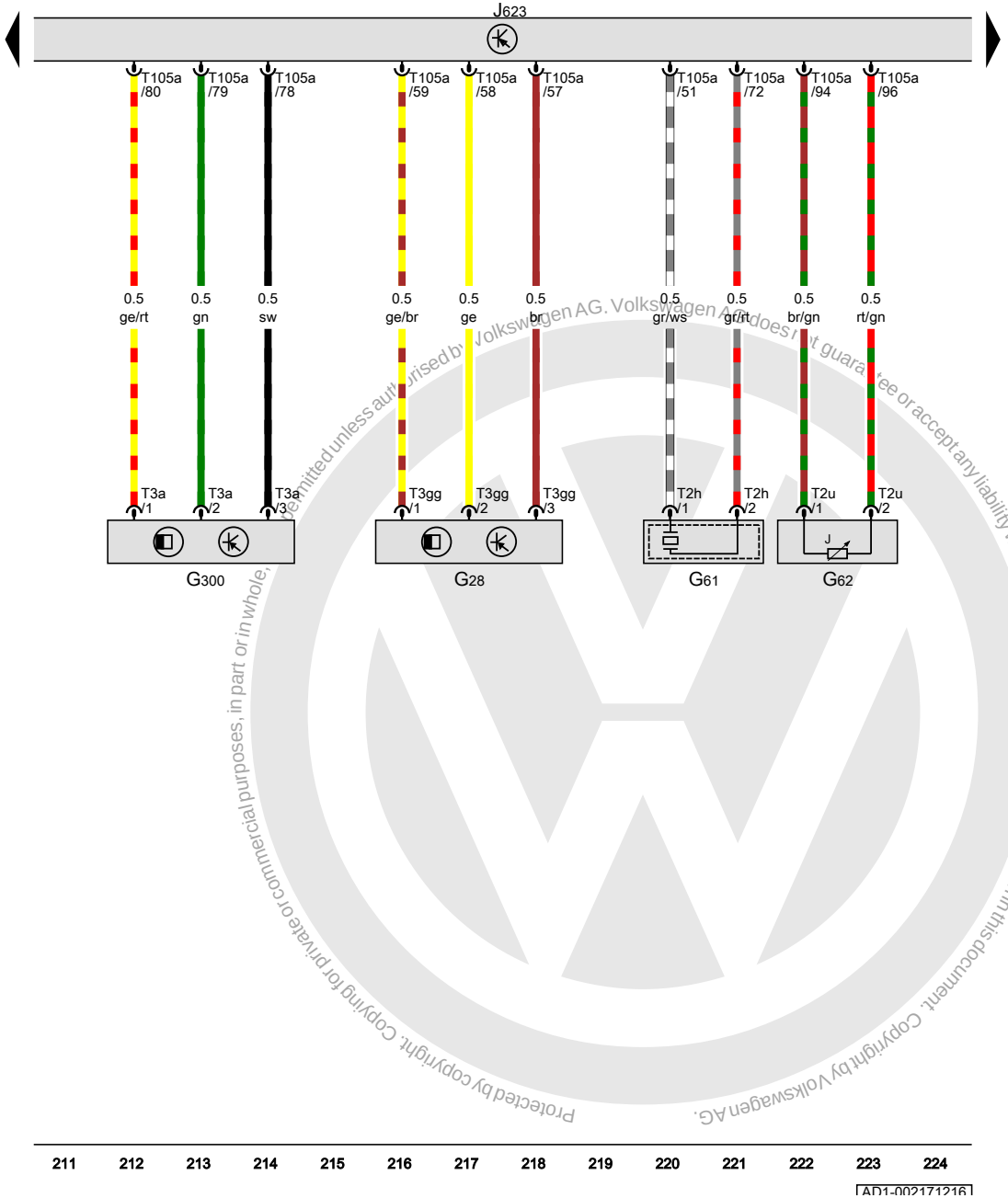
GX3	Throttle valve module
GX9	Intake manifold sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine control unit
N601	Inlet cam actuator B for cylinder 4
T2t	2-pin connector, black
T4a	4-pin connector, black
T6bp	6-pin connector, black
T105a	105-pin connector, black
D189	Connection (87a) in engine prewiring harness
*	Up to May 2016
*2	From May 2016

ws	=	white
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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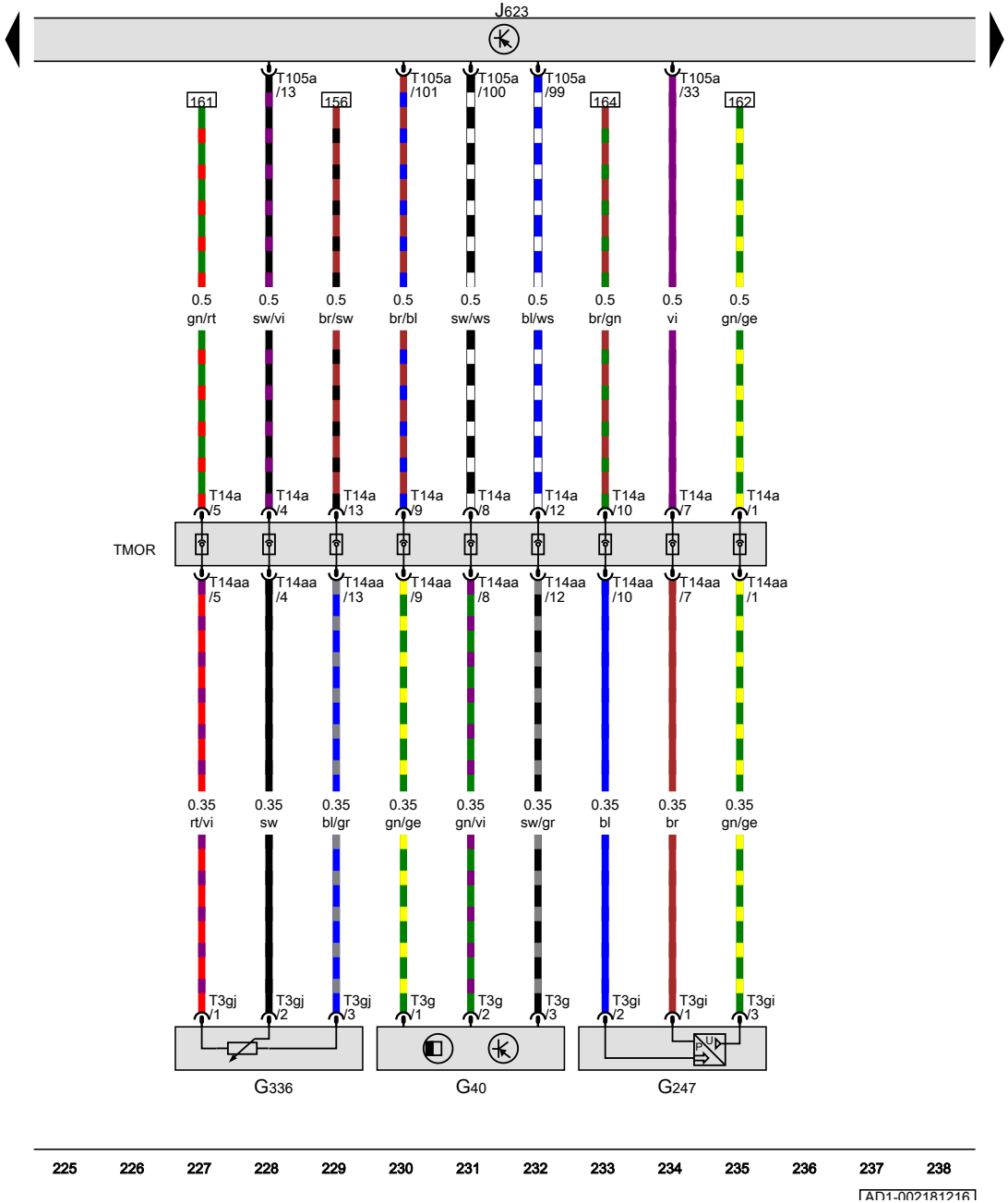
Engine speed sender, Knock sensor 1, Coolant temperature sender, Hall sender 3

G28	Engine speed sender
G61	Knock sensor 1
G62	Coolant temperature sender
G300	Hall sender 3
J623	Engine control unit
T2h	2-pin connector, black
T2u	2-pin connector, black
T3a	3-pin connector, black
T3gg	3-pin connector, black
T105a	105-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
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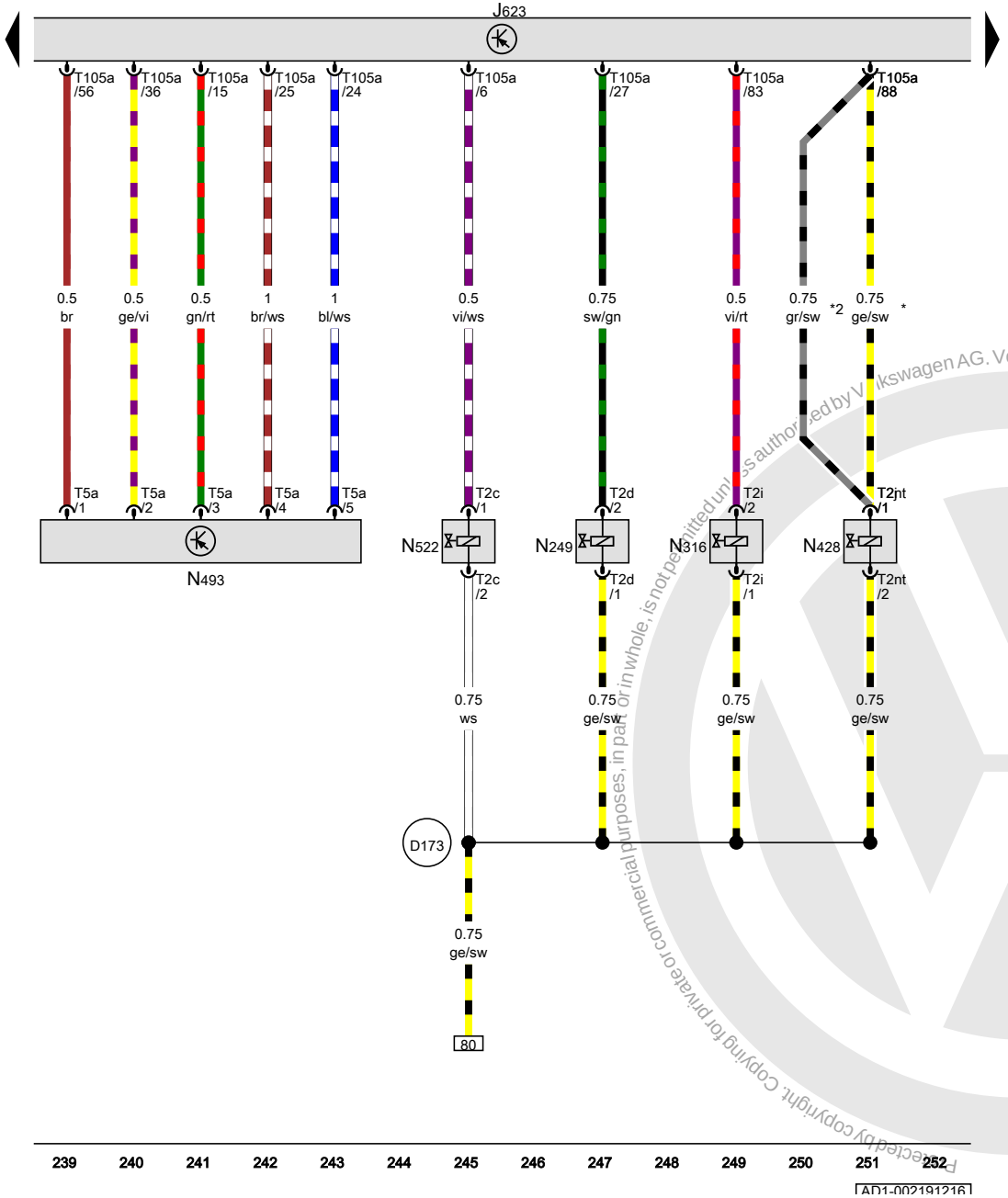


Hall sender, Fuel pressure sender, Intake manifold flap potentiometer

G40	Hall sender
G247	Fuel pressure sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
T3g	3-pin connector, black
T3gi	3-pin connector, black
T3gj	3-pin connector, black
T14a	14-pin connector, black
T14aa	14-pin connector, black
T105a	105-pin connector, black
TMOR	Coupling point on engine, top right

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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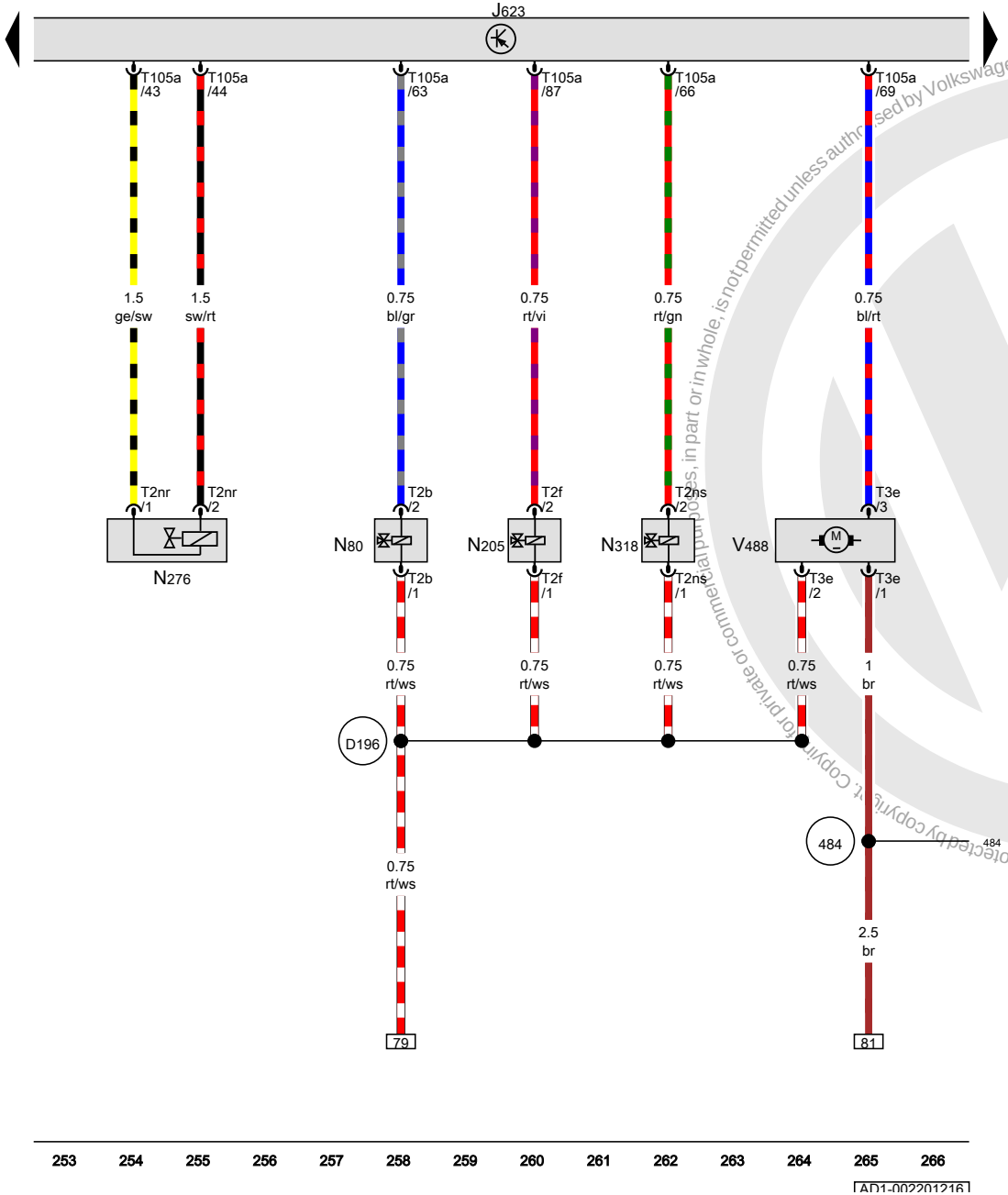


Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control, Actuator for engine temperature regulation, Piston cooling jet control valve

J623	Engine control unit
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N428	Valve for oil pressure control
N493	Actuator for engine temperature regulation
N522	Piston cooling jet control valve
T2c	2-pin connector, black
T2d	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2nt	2-pin connector, black
T5a	5-pin connector, black
T105a	105-pin connector, black
D173	Connection (87), in engine prewiring harness
*	Up to May 2016
*2	From May 2016

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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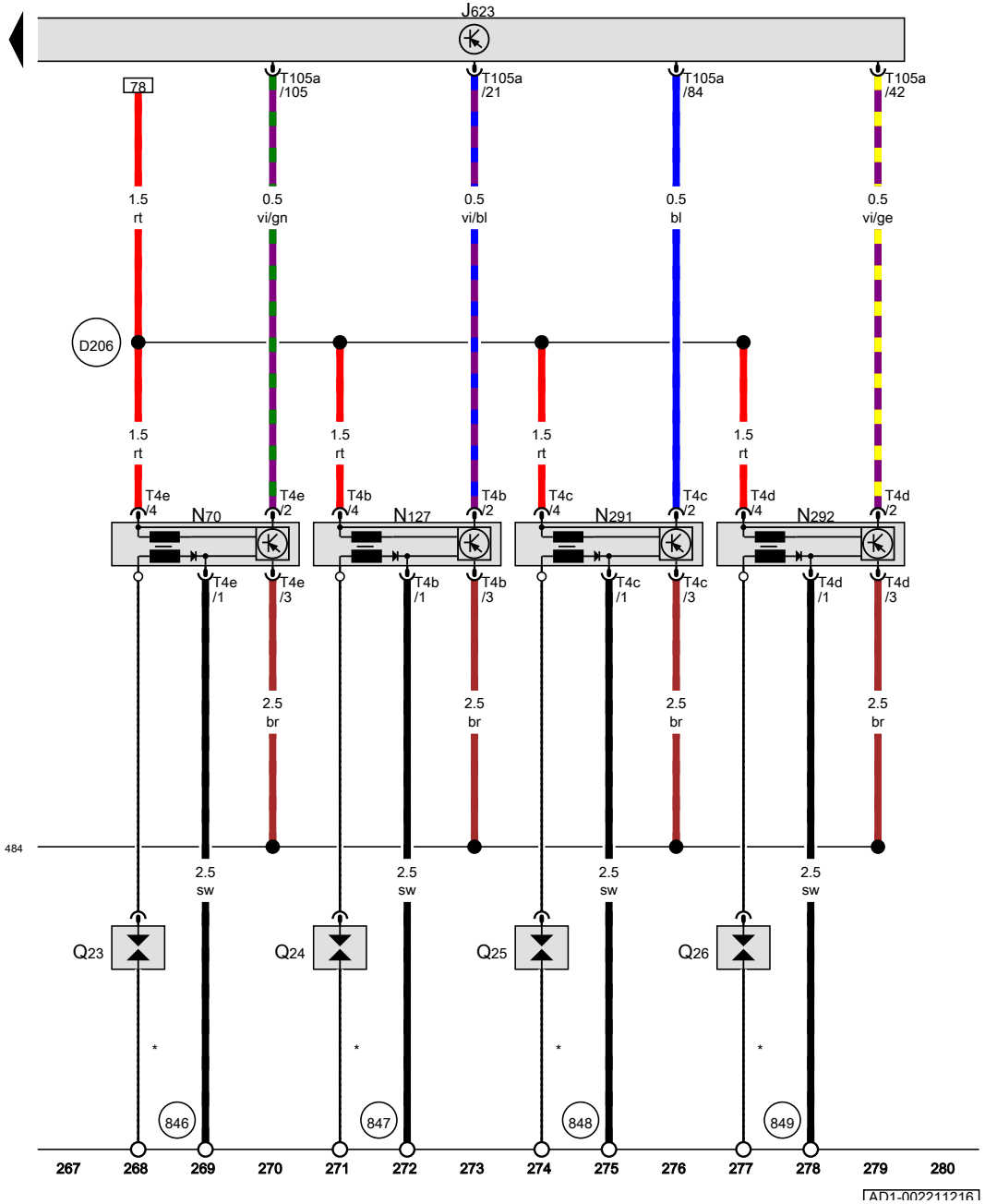


Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve, Exhaust camshaft control valve 1, Auxiliary pump for heating

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
N318	Exhaust camshaft control valve 1
T2b	2-pin connector, black
T2f	2-pin connector, black
T2nr	2-pin connector, black
T2ns	2-pin connector, black
T3e	3-pin connector, black
T105a	105-pin connector, black
V488	Auxiliary pump for heating
484	Earth connection 2 (ignition coils), in engine prewiring 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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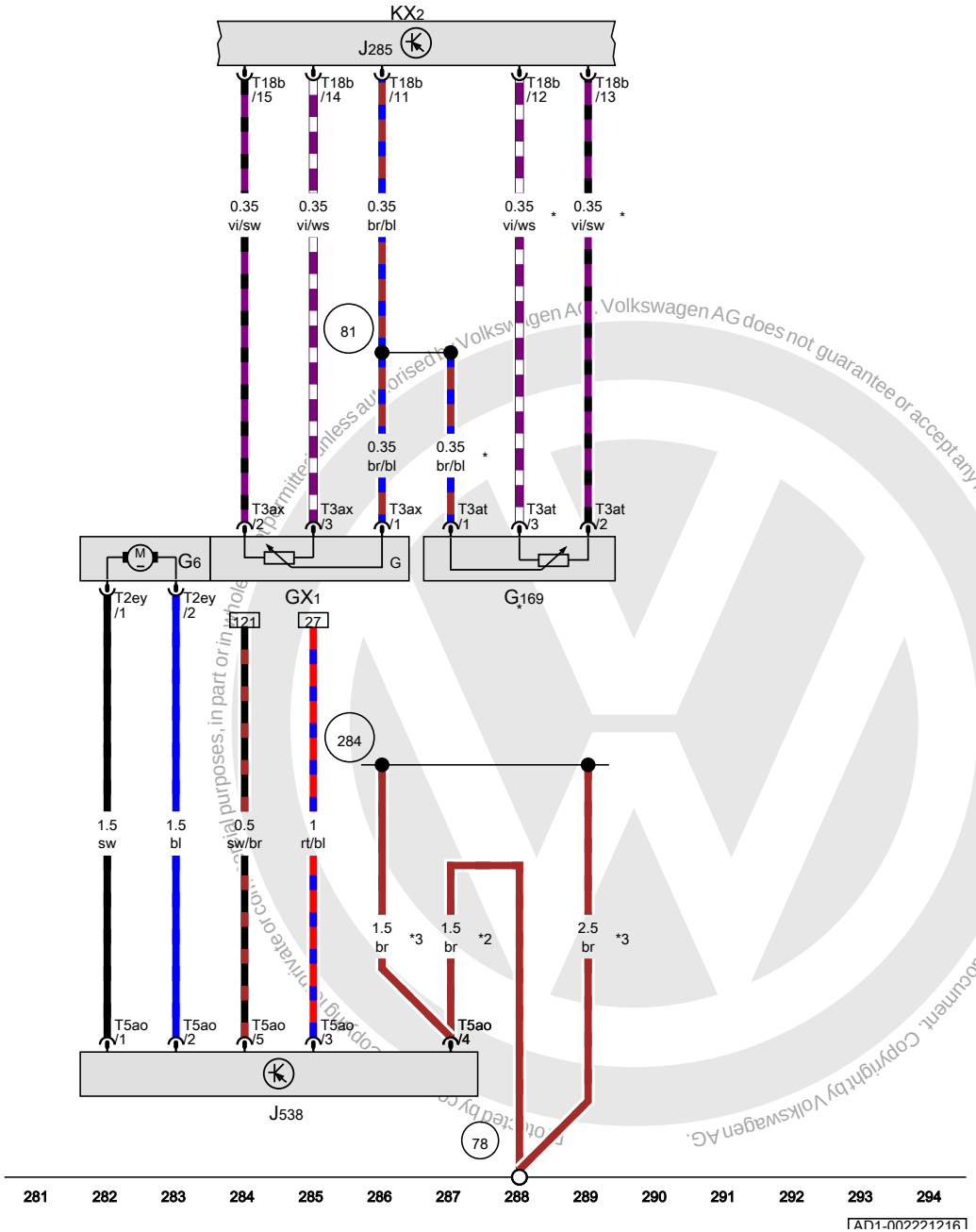


Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

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
T4b	4-pin connector, black
T4c	4-pin connector, black
T4d	4-pin connector, black
T4e	4-pin connector, black
T105a	105-pin connector, black
484	Earth connection 2 (ignition coils), in engine prewiring harness
846	Earth point on ignition coil 1
847	Earth point on ignition coil 2
848	Earth point on ignition coil 3
849	Earth point on ignition coil 4
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
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rs = pink

Fuel delivery unit, Fuel gauge sender 2, Fuel pump control unit, Dash panel insert

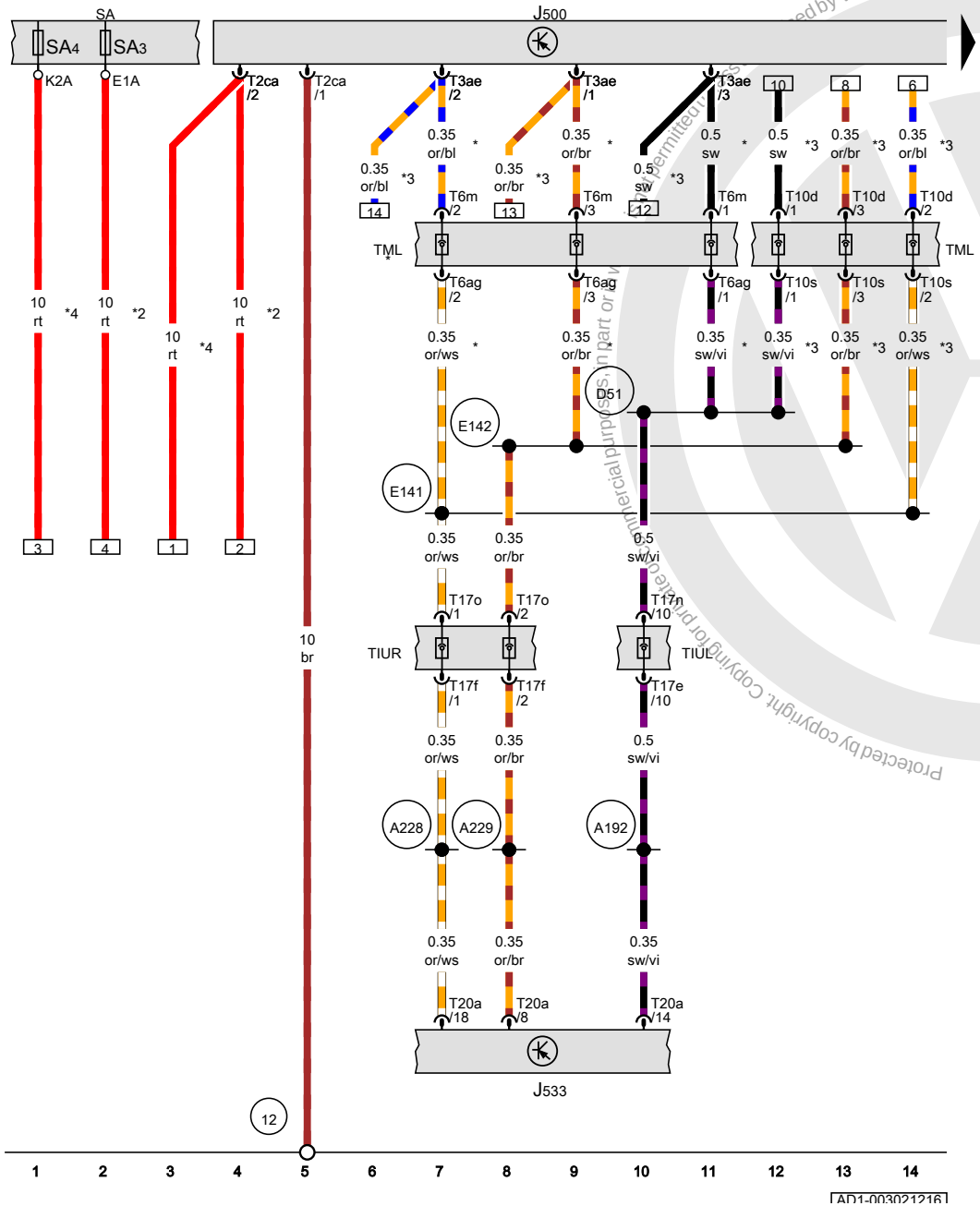
G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
KX2	Dash panel insert
T2ey	2-pin connector, black
T3at	3-pin connector, black
T3ax	3-pin connector, black
T5ao	5-pin connector, black
T18b	18-pin connector, black
78	Earth point, lower part of right B-pillar
81	Earth connection 1, in dash panel wiring harness
284	Earth connection 6, in interior wiring harness
*	Only models with all-wheel drive
*2	Only models with auxiliary heating
*3	Only models with no auxiliary heater

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Electromechanical steering , (1N3),(1N7)

From January 2016

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gr = grey
li = purple
vi = purple
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or = orange
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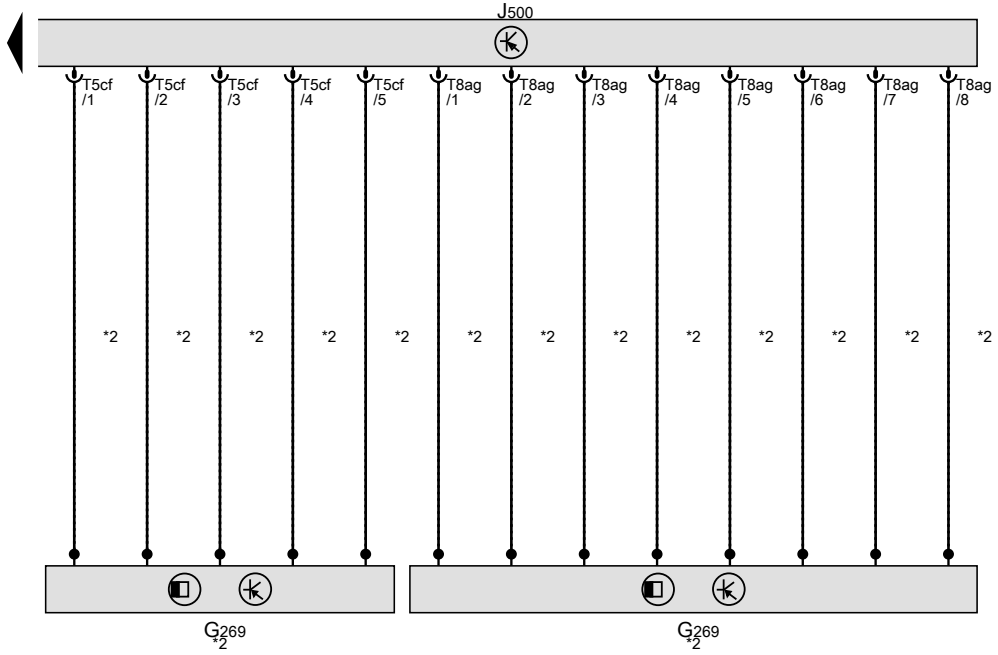
Power steering control unit, Data bus diagnostic interface, Fuse holder A

J500	Power steering control unit
J533	Data bus diagnostic interface
SA	Fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
T2ca	2-pin connector, black
T3ae	3-pin connector, black
T6ag	6-pin connector, black
T6m	6-pin connector, black
T10d	10-pin connector, black
T10s	10-pin connector, black
T17e	17-pin connector, blue
T17f	17-pin connector, black
T17n	17-pin connector, blue
T17o	17-pin connector, black
T20a	20-pin connector, red
TIUL	Coupling point in interior, below left
TIUR	Coupling point in interior, below right
TML	Coupling point in engine compartment, left
12	Earth point, on left in engine compartment
A192	Positive connection 3 (15a) in dash panel wiring harness
A228	Connection 1 (running gear/dash panel insert CAN bus, high), in dash panel wiring harness
A229	Connection 1 (running gear/dash panel insert CAN bus, low), in dash panel wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
E141	Connection (running gear sensors CAN bus, high), in engine compartment wiring harness
E142	Connection (running gear sensors CAN bus, low), in engine compartment wiring harness
*	Only models with petrol engine
*2	Only models with battery in engine compartment
*3	Only models with diesel engine
*4	Only models with battery in luggage compartment

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Steering moment sender, Power steering control unit

G269	Steering moment sender
J500	Power steering control unit
T5cf	5-pin connector, black
T8ag	8-pin connector, black
*	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

15 16 17 18 19 20 21 22 23 24 25 26 27 28

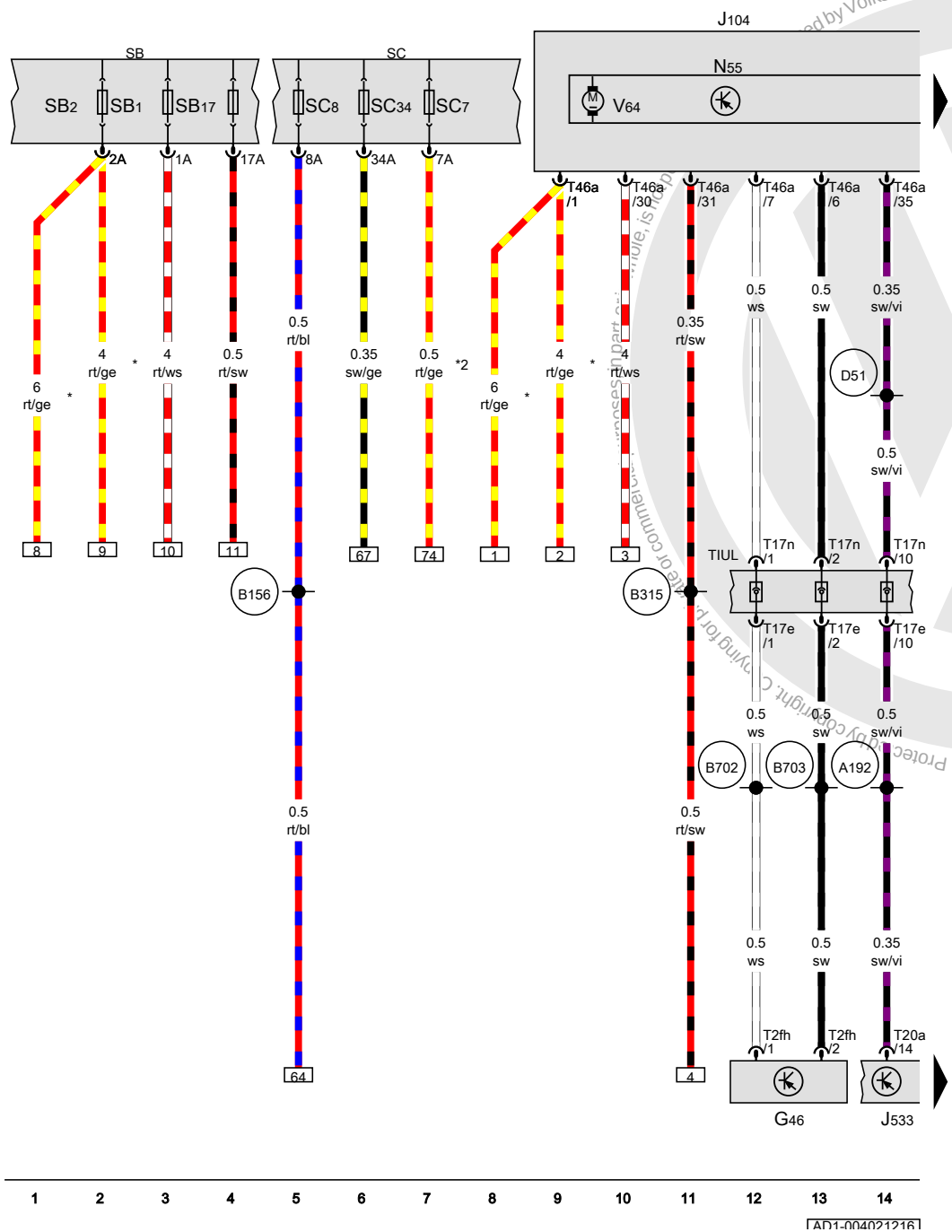
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Anti-lock brake system (ABS) , (L0L)

From January 2016

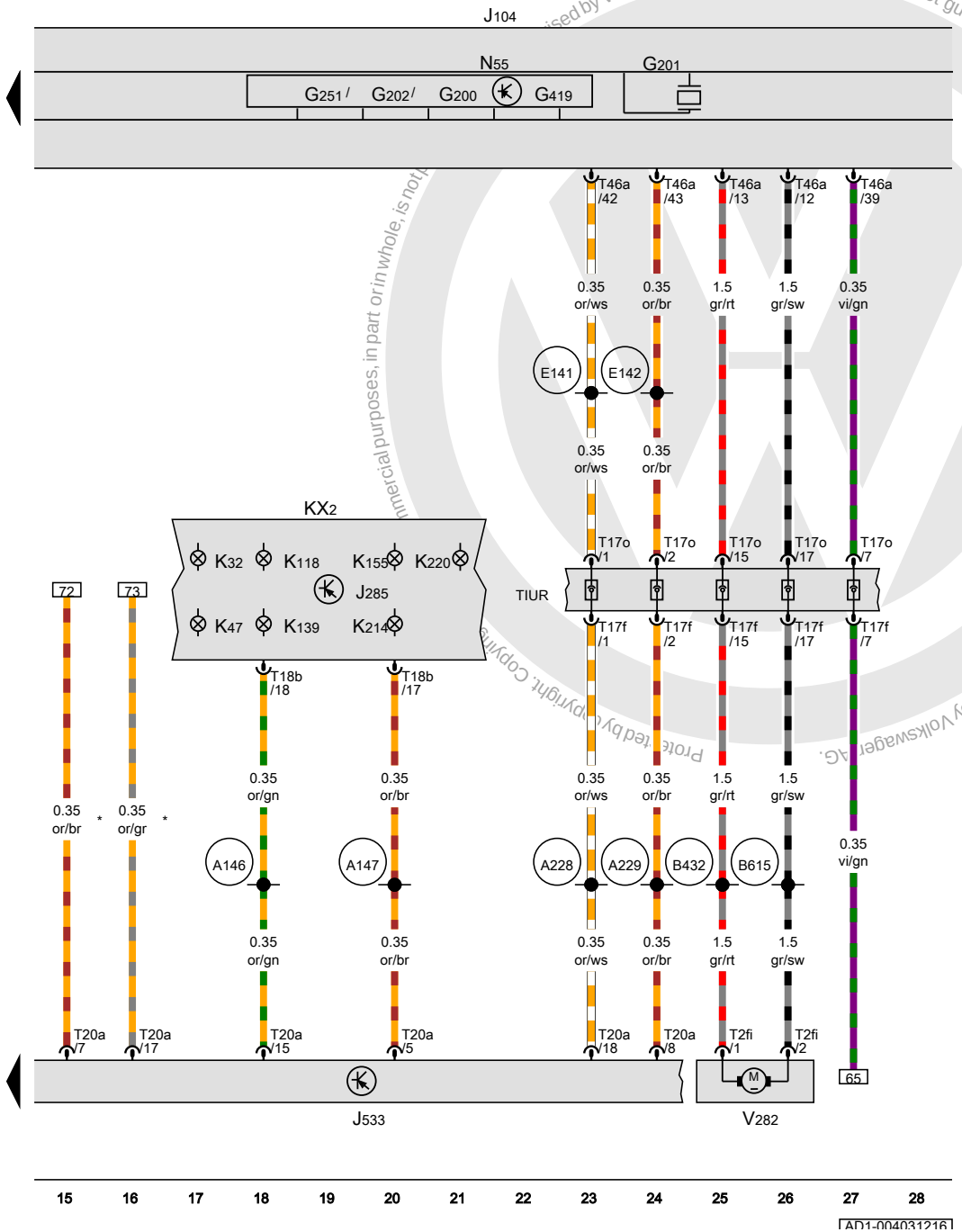


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Rear left speed sensor, ABS control unit, Data bus diagnostic interface, Fuse holder B, Fuse holder C

G46	Rear left speed sensor
J104	ABS control unit
J533	Data bus diagnostic interface
N55	ABS hydraulic unit
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SC	Fuse holder C
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
SB17	Fuse 17 on fuse holder B
SC34	Fuse 34 on fuse holder C
T2fh	2-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T20a	20-pin connector, red
T46a	46-pin connector, black
TIUL	Coupling point in interior, below left
V64	ABS hydraulic pump
A192	Positive connection 3 (15a) in dash panel wiring harness
B156	Positive connection (30a), in interior wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B702	Connection (rear left speed sensor +) in interior wiring harness
B703	Connection (rear left speed sensor -) in interior wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
*	According to equipment
*2	Only models with Tyre Pressure Monitoring System

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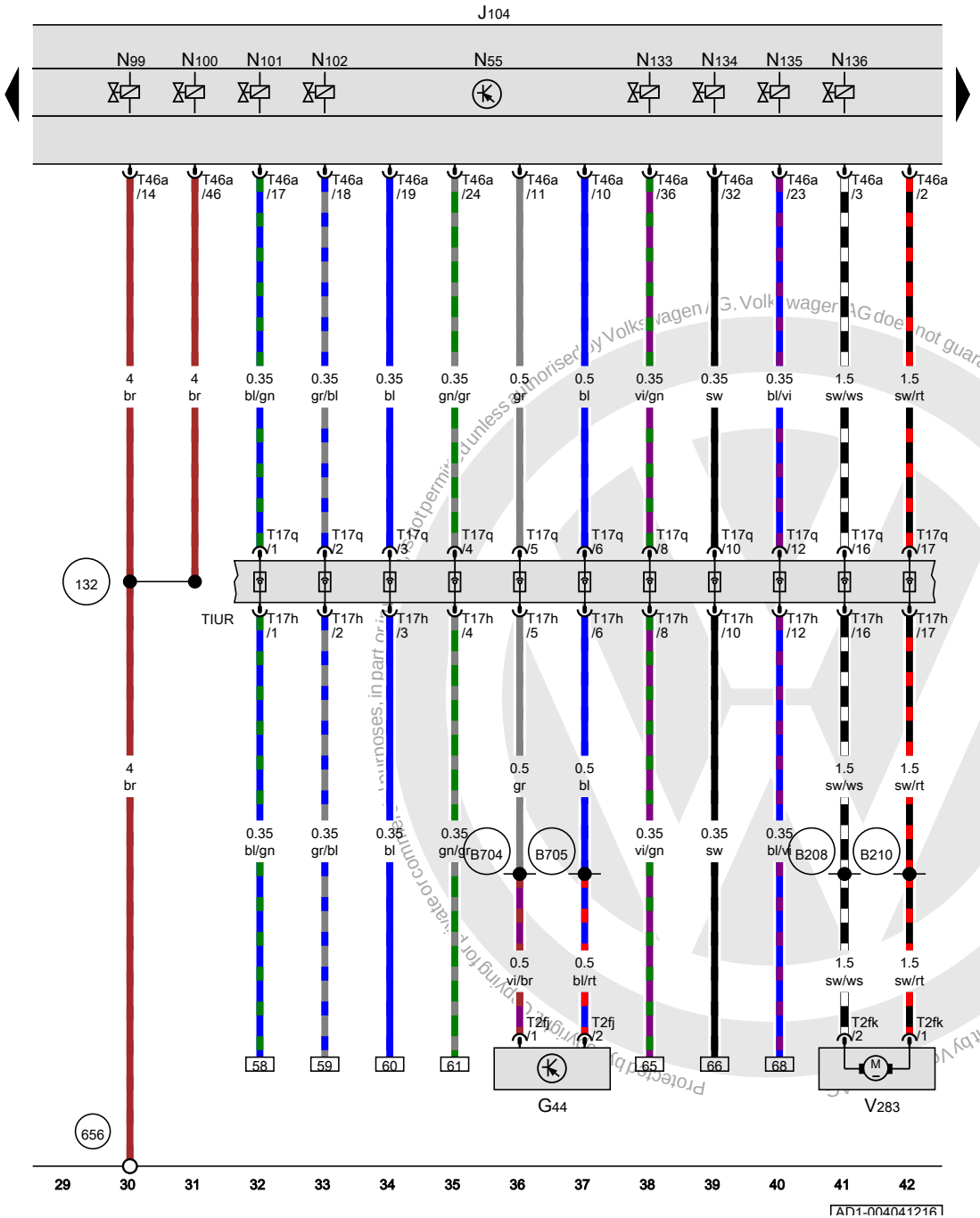


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

ABS control unit, Data bus diagnostic interface, Dash panel insert, Left parking brake motor

G200	Lateral acceleration sender
G201	Brake pressure sender 1
G202	Yaw rate sender
G251	Longitudinal acceleration sender
G419	Sensor unit for electronic stabilisation program
J104	ABS control unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
KX2	Dash panel insert
K32	Brake pad warning lamp
K47	ABS warning lamp
K118	Brake system warning lamp
K139	Handbrake 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
N55	ABS hydraulic unit
T2fi	2-pin connector, black
T17f	17-pin connector, black
T17o	17-pin connector, black
T18b	18-pin connector, black
T20a	20-pin connector, red
T46a	46-pin connector, black
TIUR	Coupling point in interior, below right
V282	Left parking brake motor
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
A228	Connection 1 (running gear/dash panel insert CAN bus, high), in dash panel wiring harness
A229	Connection 1 (running gear/dash panel insert CAN bus, low), in dash panel wiring harness
B432	Connection (foot operated parking brake), in main wiring harness
B615	Connection for foot-operated parking brake, in interior wiring harness
E141	Connection (running gear sensors CAN bus, high), in engine compartment wiring harness
E142	Connection (running gear sensors CAN bus, low), in engine compartment wiring harness
*	Only models with Tyre Pressure Monitoring System

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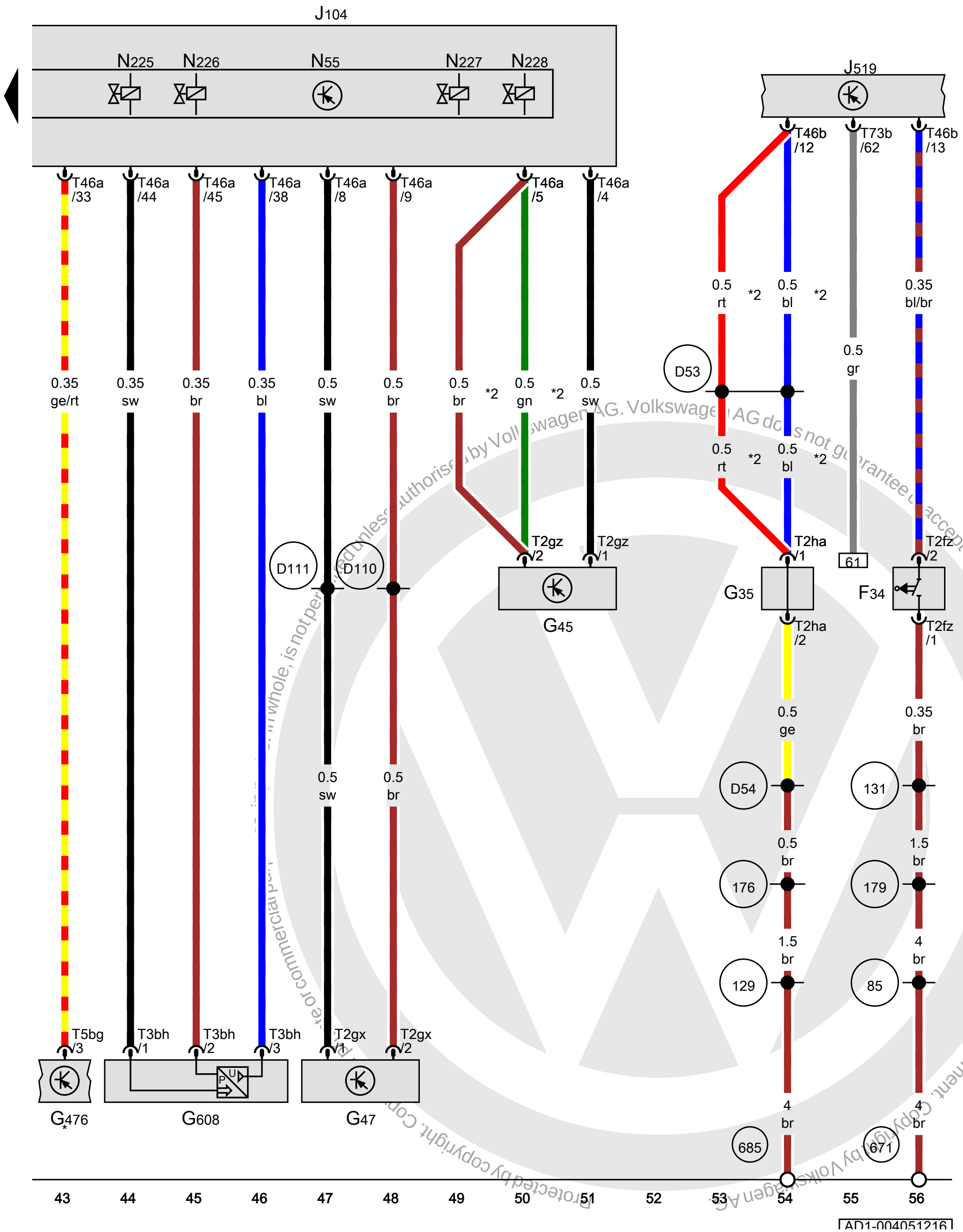
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br = brown
gn = green
bl = blue
gr = grey
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or = orange
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Rear right speed sensor, ABS control unit, Right parking brake motor

G44	Rear right speed sensor
J104	ABS control unit
N55	ABS hydraulic unit
N99	Front right ABS inlet valve
N100	Front right ABS outlet valve
N101	Front left ABS inlet valve
N102	Front left ABS outlet valve
N133	Rear right ABS inlet valve
N134	Rear left ABS inlet valve
N135	Rear right ABS outlet valve
N136	Rear left ABS outlet valve
T2fj	2-pin connector, black
T2fk	2-pin connector, black
T17h	17-pin connector, red
T17q	17-pin connector, red
T46a	46-pin connector, black
TIUR	Coupling point in interior, below right
V283	Right parking brake motor
132	Earth connection 3, in engine compartment wiring harness
656	Earth point, on right headlight
B208	Connection 1 (control motor), in interior wiring harness
B210	Connection 2 (control motor), in interior wiring harness
B704	Connection (rear right speed sensor +) in interior wiring harness
B705	Connection (rear right speed sensor -) in interior wiring harness

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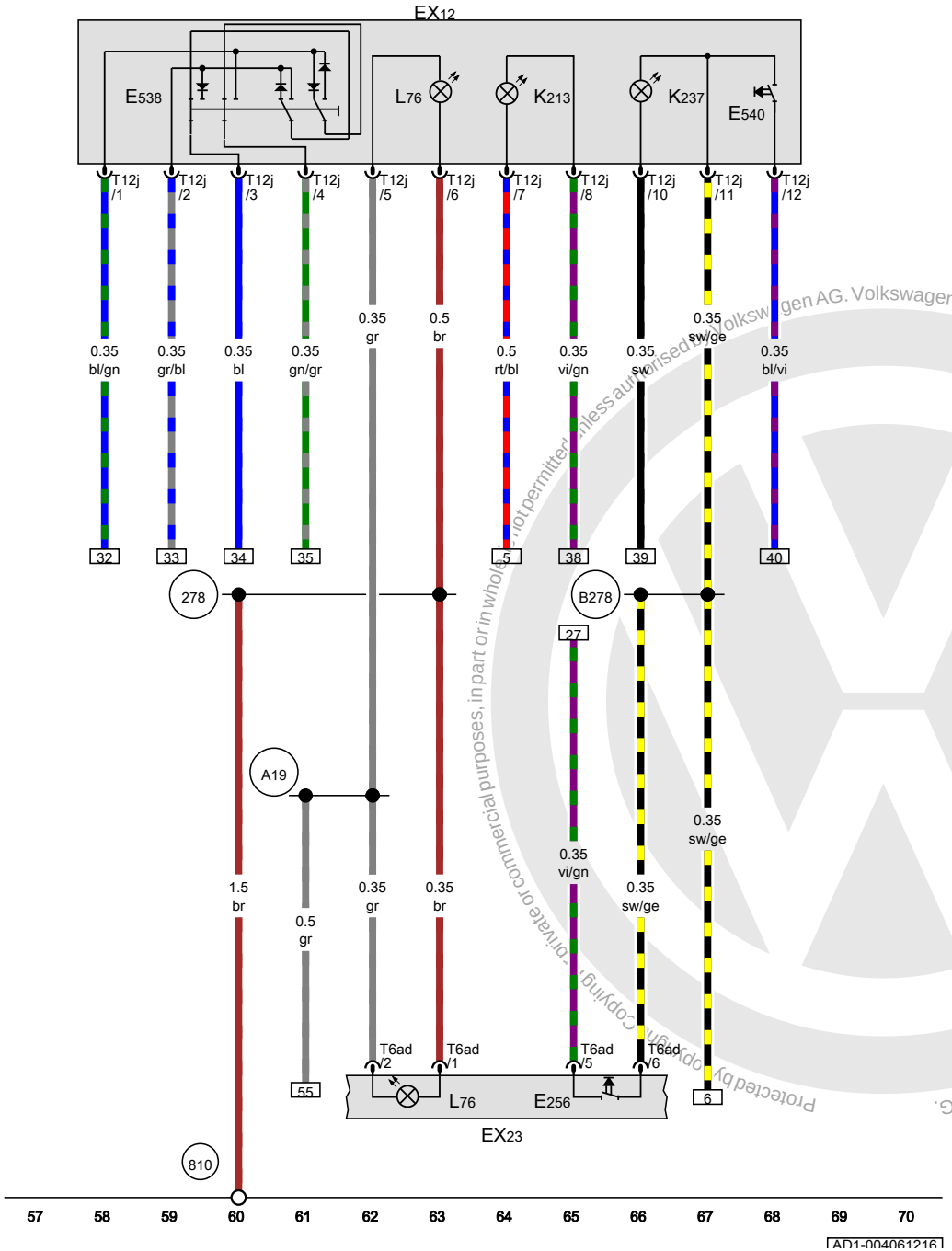
Brake fluid level warning contact, Front right brake pad wear sender, Front right speed sensor, Front left speed sensor, Clutch position sender, Vacuum sender, ABS control unit, Onboard supply control unit



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

F34	Brake fluid level warning contact
G35	Front right brake pad wear sender
G45	Front right speed sensor
G47	Front left speed sensor
G476	Clutch position sender
G608	Vacuum sender
J104	ABS control unit
J519	Onboard supply control unit
N55	ABS hydraulic unit
N225	Vehicle stabilization program switch valve 1
N226	Vehicle stabilization program switch valve 2
N227	Vehicle stabilization program high-pressure valve 1
N228	Vehicle stabilization program high-pressure valve 2
T2fz	2-pin connector, black
T2gx	2-pin connector, black
T2gz	2-pin connector, black
T2ha	2-pin connector, black
T3bh	3-pin connector, black
T5bg	5-pin connector, black
T46a	46-pin connector, black
T46b	46-pin connector, black
T73b	73-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
129	Earth connection, in dual tone horn wiring harness
131	Earth connection 2, in engine compartment wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
671	Earth point 1, on front of left longitudinal member
685	Earth point 1, on front of right longitudinal member
D53	Connection (right brake wear indicator), in engine compartment wiring harness
D54	Connection (right brake wear indicator), in engine compartment wiring harness
D110	~~Connection 8 in engine compartment wiring harness~~
D111	Connection 9 in engine compartment wiring harness

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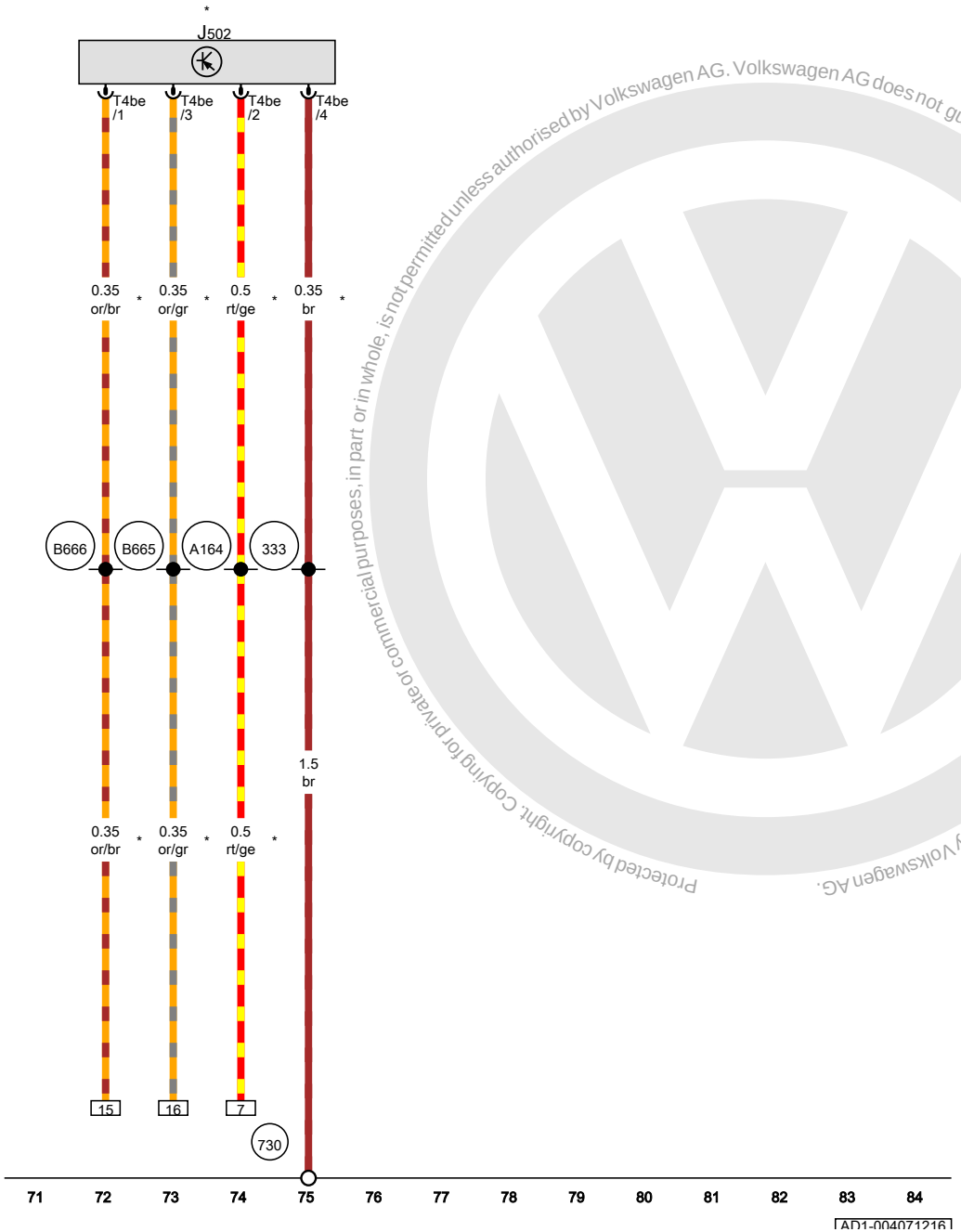


Parking brake button, Switch module 1 in centre console, Button for TCS and electronic stabilisation program

EX12	Parking brake button
EX23	Switch module 1 in centre console
E256	Button for TCS and electronic stabilisation program
E538	Electromechanical parking brake button
E540	Auto-hold button
K213	Electromechanical parking brake warning lamp
K237	Auto-hold warning lamp
L76	Button illumination bulb
T6ad	6-pin connector, black
T12j	12-pin connector, black
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
A19	Connection (58d), 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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or	=	orange
rs	=	pink

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Tyre Pressure Monitoring System control unit

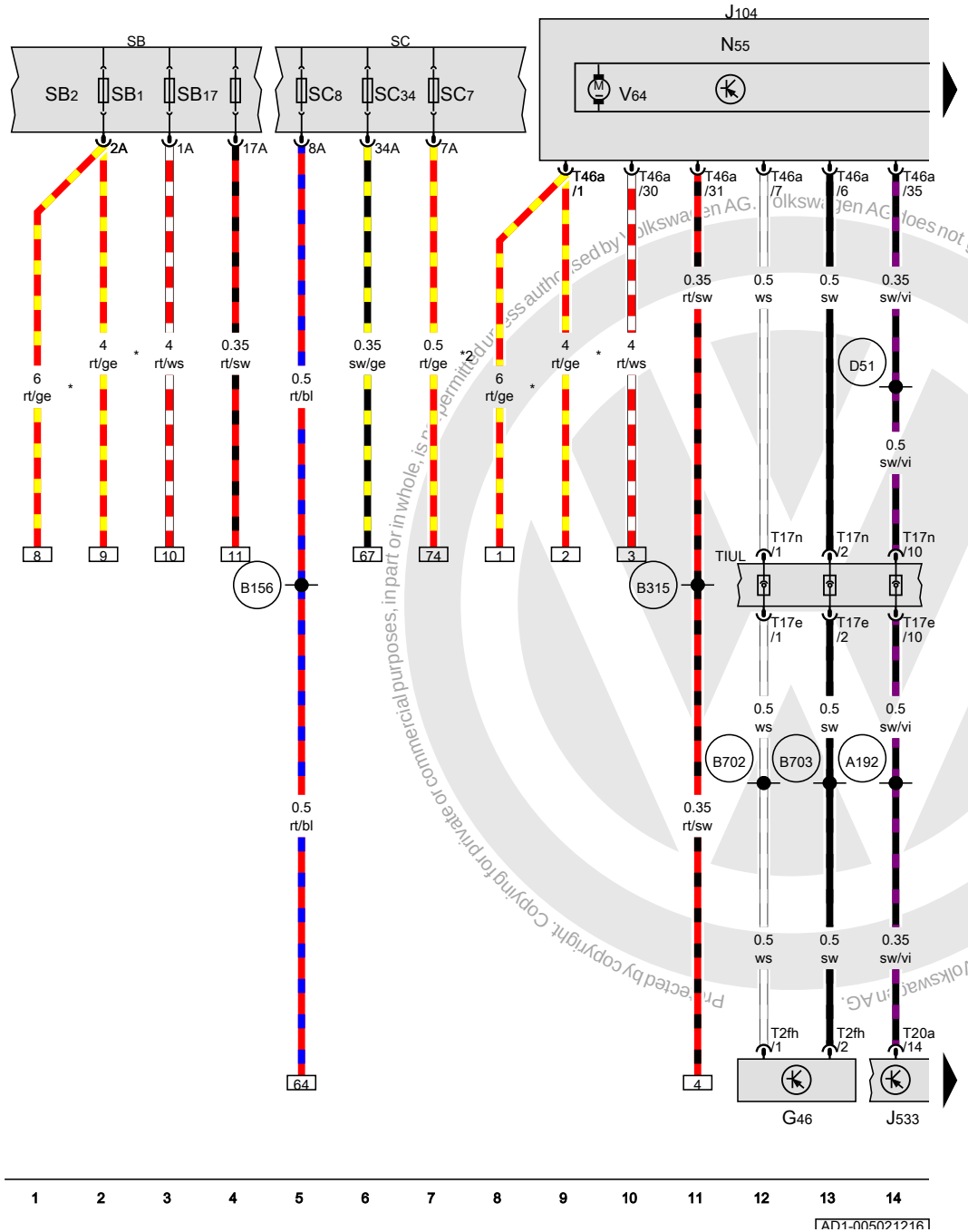
J502	Tyre Pressure Monitoring System control unit
T4be	4-pin connector, grey
333	Earth connection 5, in rear wiring harness
730	Earth point 1, on right rear wheel housing
A164	Positive connection 2 (30a) in dash panel wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
*	Only models with Tyre Pressure Monitoring 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

Anti-lock brake system (ABS) , (L0R)

From January 2016

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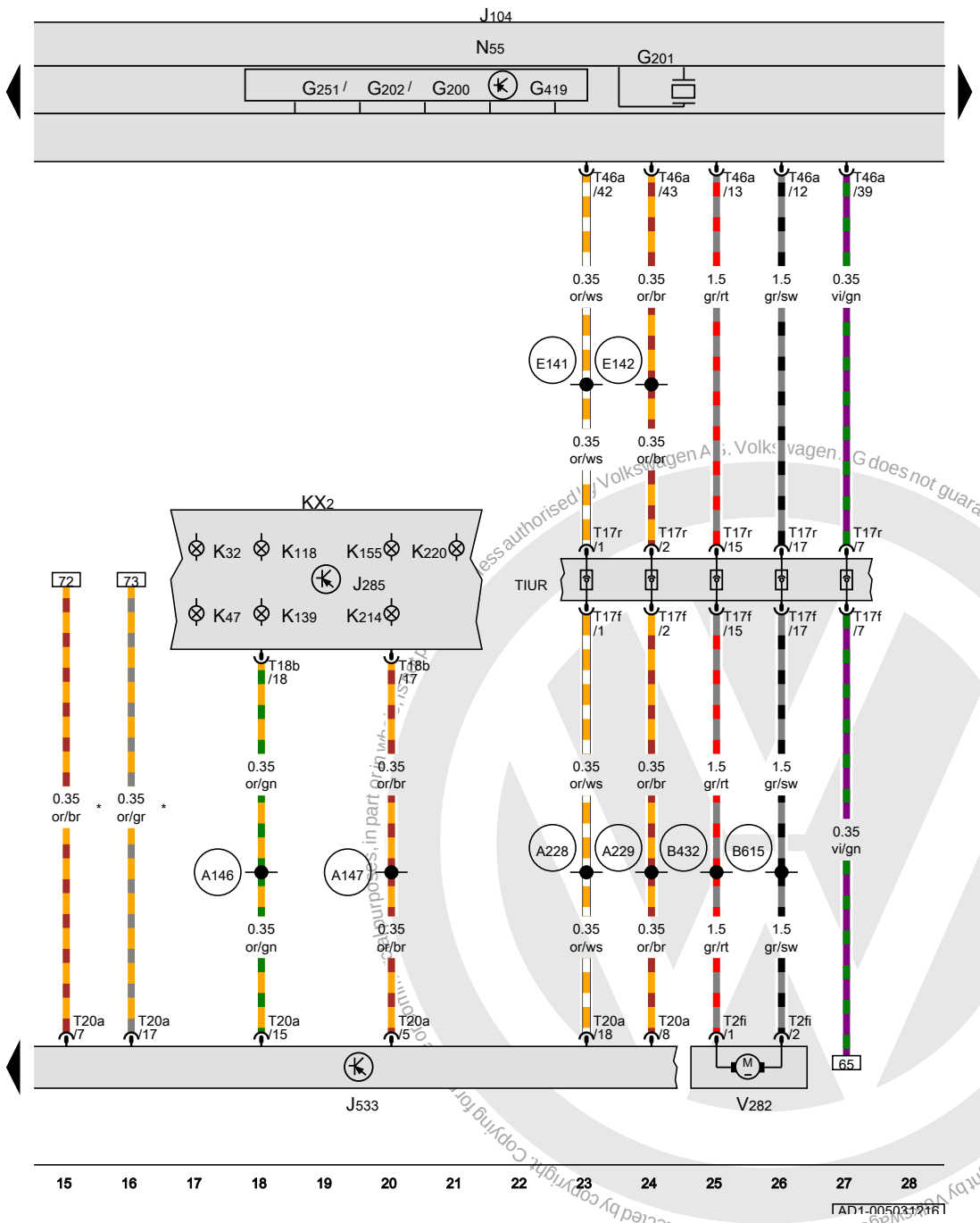


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Rear left speed sensor, ABS control unit, Data bus diagnostic interface, Fuse holder B, Fuse holder C

G46	Rear left speed sensor
J104	ABS control unit
J533	Data bus diagnostic interface
N55	ABS hydraulic unit
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
SB17	Fuse 17 on fuse holder B
SC	Fuse holder C
SC34	Fuse 34 on fuse holder C
T2fh	2-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T20a	20-pin connector, red
T46a	46-pin connector, black
TIUL	Coupling point in interior, below left
V64	ABS hydraulic pump
A192	Positive connection 3 (15a) in dash panel wiring harness
B156	Positive connection (30a), in interior wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B702	Connection (rear left speed sensor +) in interior wiring harness
B703	Connection (rear left speed sensor -) in interior wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
*	According to equipment
*2	Only models with Tyre Pressure Monitoring System

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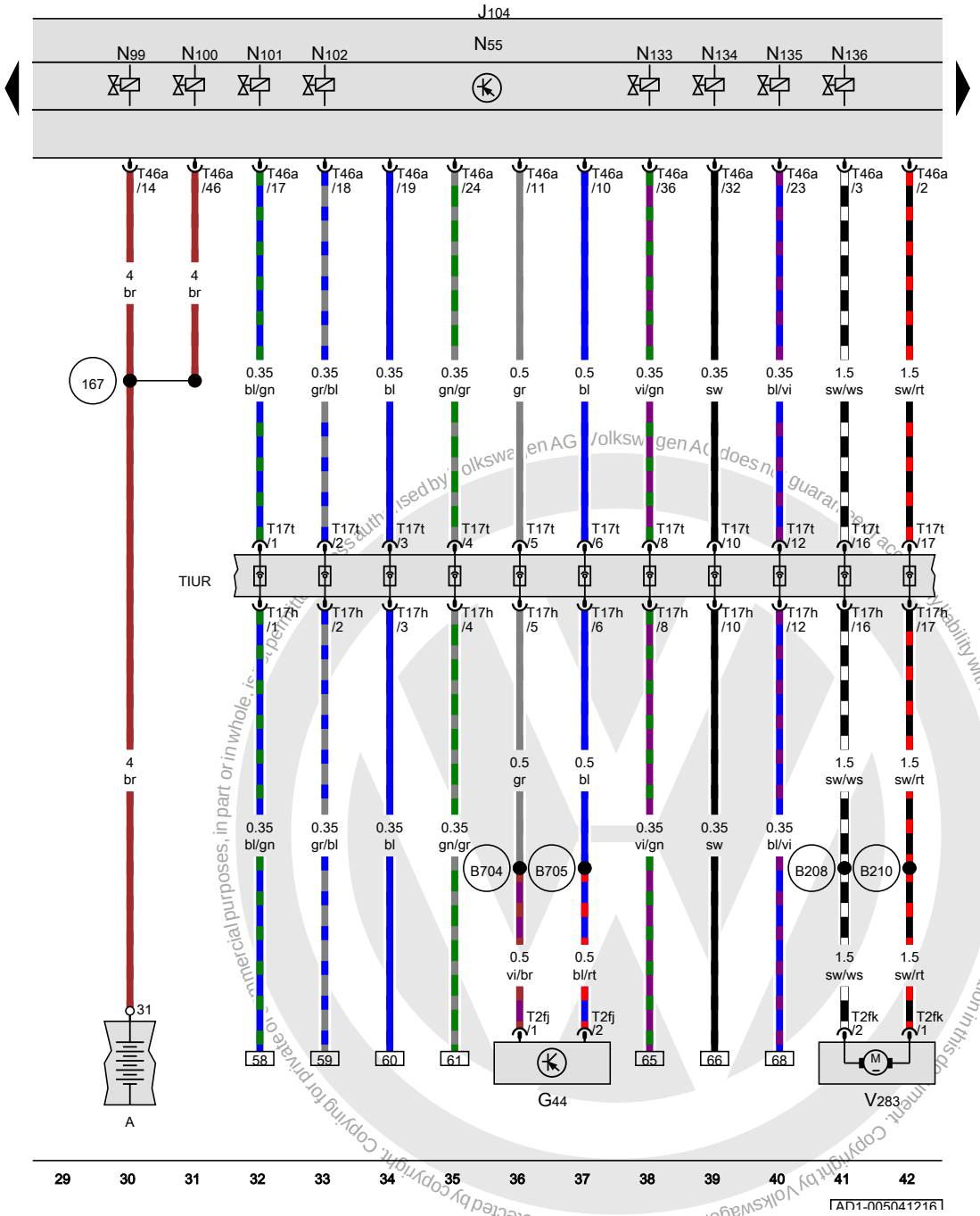


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ABS control unit, Data bus diagnostic interface, Dash panel insert, Left parking brake motor

G200	Lateral acceleration sender
G201	Brake pressure sender 1
G202	Yaw rate sender
G251	Longitudinal acceleration sender
G419	Sensor unit for electronic stabilisation program
J104	ABS control unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
KX2	Dash panel insert
K32	Brake pad warning lamp
K47	ABS warning lamp
K118	Brake system warning lamp
K139	Handbrake 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
N55	ABS hydraulic unit
T2fi	2-pin connector, black
T17f	17-pin connector, black
T17r	17-pin connector, black
T18b	18-pin connector, black
T20a	20-pin connector, red
T46a	46-pin connector, black
TIUR	Coupling point in interior, below right
V282	Left parking brake motor
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
A228	Connection 1 (running gear/dash panel insert CAN bus, high), in dash panel wiring harness
A229	Connection 1 (running gear/dash panel insert CAN bus, low), in dash panel wiring harness
B432	Connection (foot operated parking brake), in main wiring harness
B615	Connection for foot-operated parking brake, in interior wiring harness
E141	Connection (running gear sensors CAN bus, high), in engine compartment wiring harness
E142	Connection (running gear sensors CAN bus, low), in engine compartment wiring harness
*	Only models with Tyre Pressure Monitoring System

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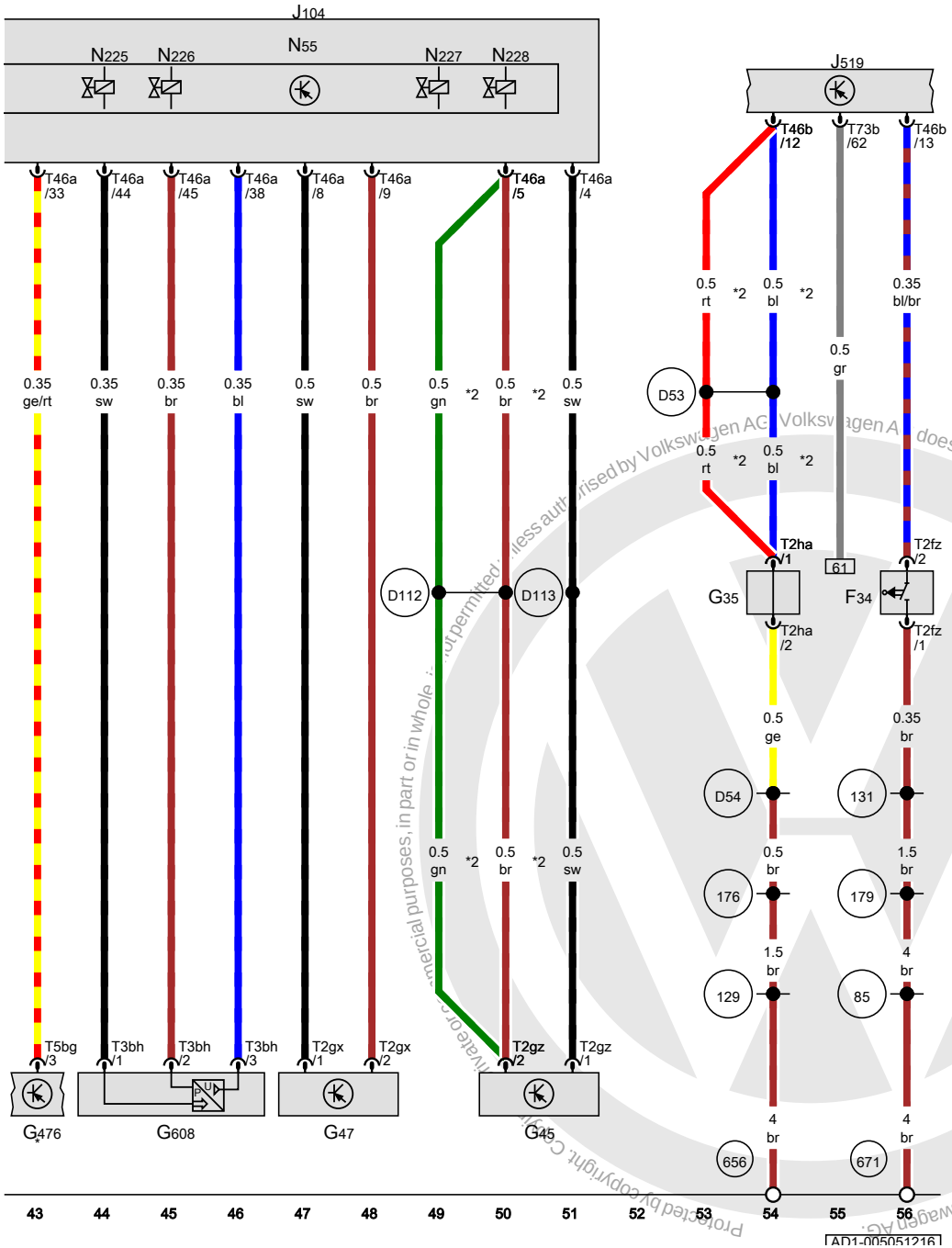


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br = brown
gn = green
bl = blue
gr = grey
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vi = purple
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Battery, Rear right speed sensor, ABS control unit, Right parking brake motor

A	Battery
G44	Rear right speed sensor
J104	ABS control unit
N55	ABS hydraulic unit
N99	Front right ABS inlet valve
N100	Front right ABS outlet valve
N101	Front left ABS inlet valve
N102	Front left ABS outlet valve
N133	Rear right ABS inlet valve
N134	Rear left ABS inlet valve
N135	Rear right ABS outlet valve
N136	Rear left ABS outlet valve
T2fj	2-pin connector, black
T2fk	2-pin connector, black
T17h	17-pin connector, red
T17t	17-pin connector, red
T46a	46-pin connector, black
TIUR	Coupling point in interior, below right
V283	Right parking brake motor
167	Earth connection 4, in engine compartment wiring harness
B208	Connection 1 (control motor), in interior wiring harness
B210	Connection 2 (control motor), in interior wiring harness
B704	Connection (rear right speed sensor +) in interior wiring harness
B705	Connection (rear right speed sensor -) in interior wiring harness

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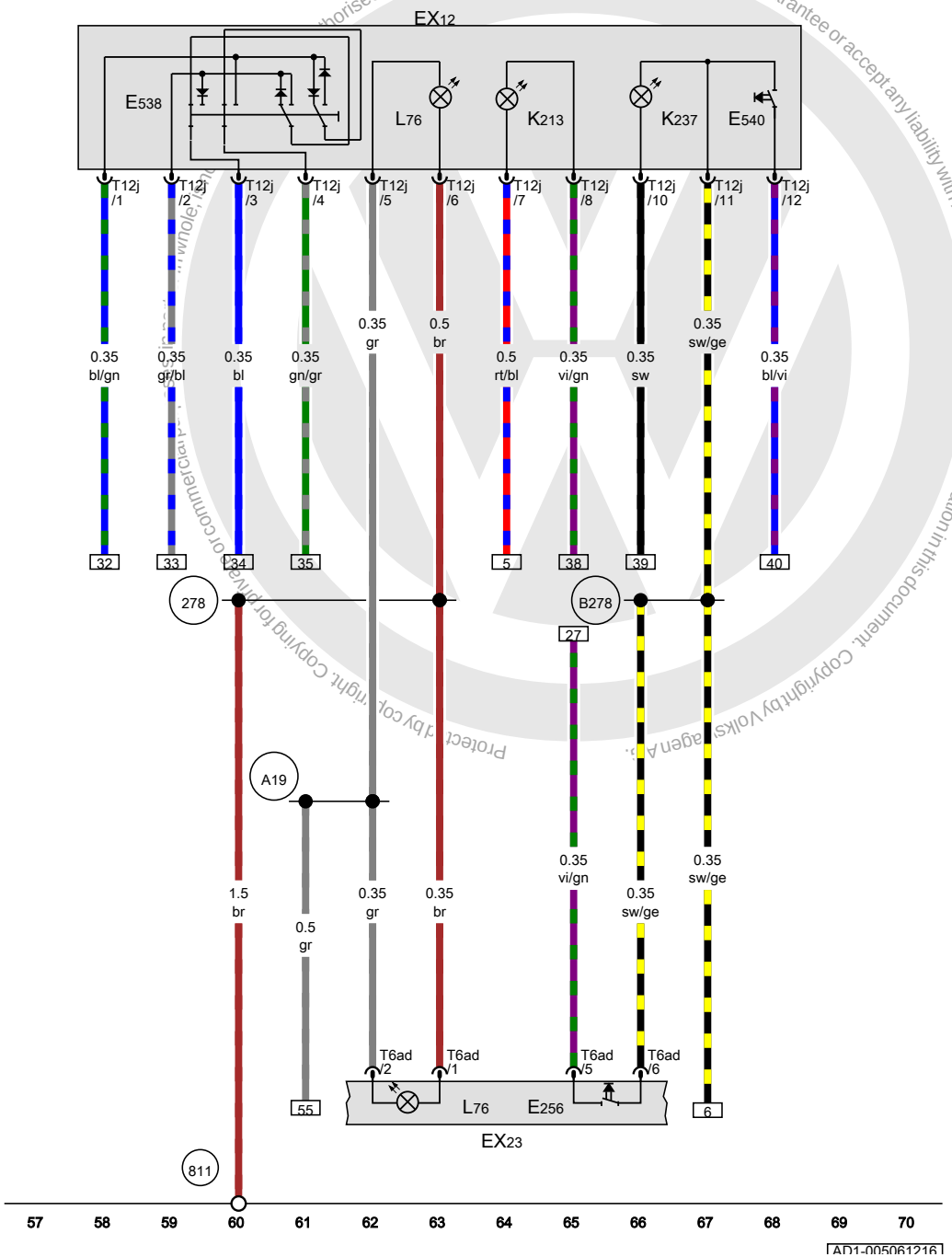
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Brake fluid level warning contact, Front right brake pad wear sender, Front right speed sensor, Front left speed sensor, Clutch position sender, Vacuum sender, ABS control unit, Onboard supply control unit

F34	Brake fluid level warning contact
G35	Front right brake pad wear sender
G45	Front right speed sensor
G47	Front left speed sensor
G476	Clutch position sender
G608	Vacuum sender
J104	ABS control unit
J519	Onboard supply control unit
N55	ABS hydraulic unit
N225	Vehicle stabilization program switch valve 1
N226	Vehicle stabilization program switch valve 2
N227	Vehicle stabilization program high-pressure valve 1
N228	Vehicle stabilization program high-pressure valve 2
T2fz	2-pin connector, black
T2gx	2-pin connector, black
T2gz	2-pin connector, black
T2ha	2-pin connector, black
T3bh	3-pin connector, black
T5bg	5-pin connector, black
T46a	46-pin connector, black
T46b	46-pin connector, black
T73b	73-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
129	Earth connection, in dual tone horn wiring harness
131	Earth connection 2, in engine compartment wiring harness
176	Earth connection, in right headlight wiring harness
179	Earth connection, in left headlight wiring harness
656	Earth point, on right headlight
671	Earth point 1, on front of left longitudinal member
D53	Connection (right brake wear indicator), in engine compartment wiring harness
D54	Connection (right brake wear indicator), in engine compartment wiring harness
D112	~~Connection 10 in engine compartment wiring harness~~
D113	Connection 11 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

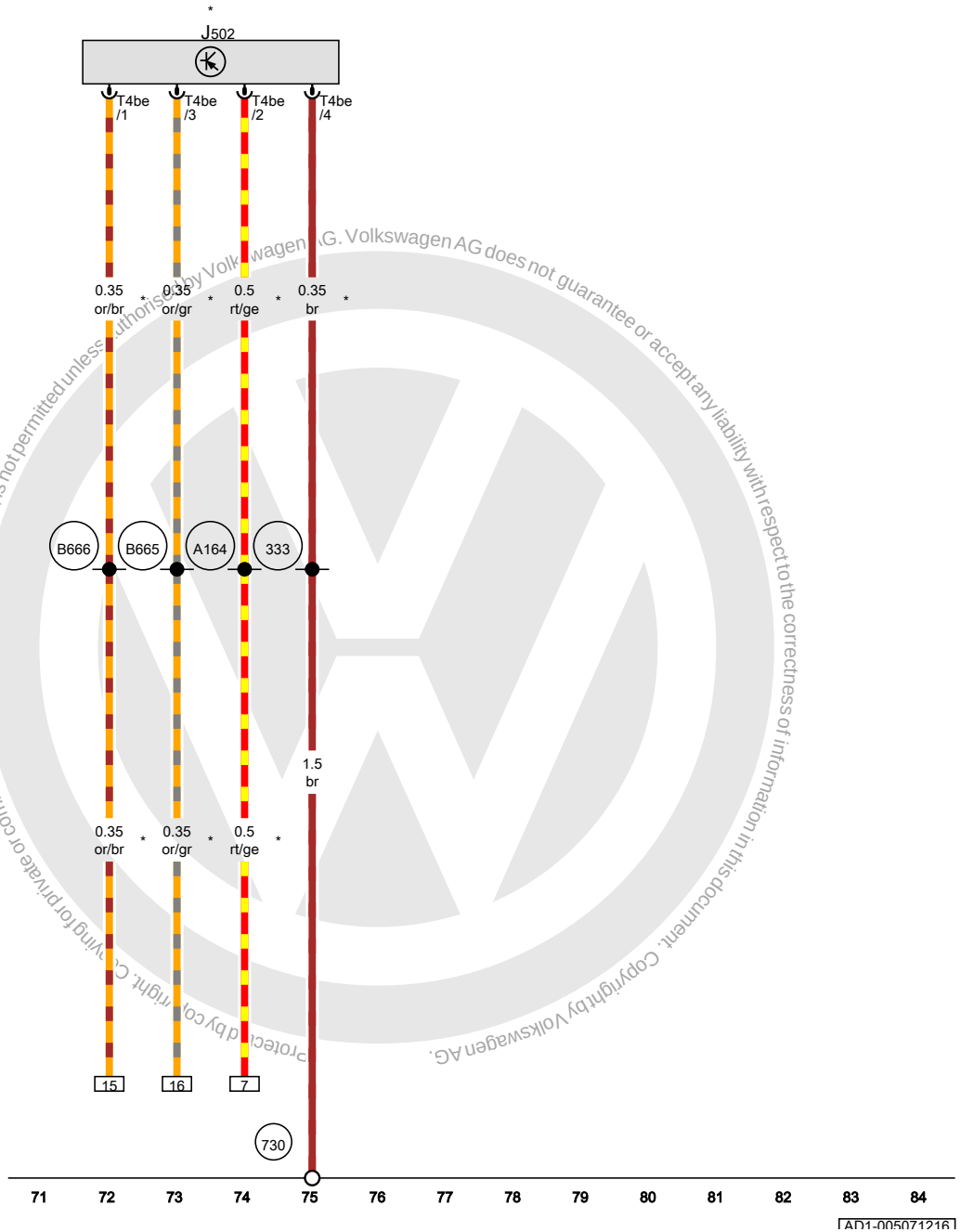
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Parking brake button, Switch module 1 in centre console

EX12	Parking brake button
EX23	Switch module 1 in centre console
E256	Button for TCS and electronic stabilisation program
E538	Electromechanical parking brake button
E540	Auto-hold button
K213	Electromechanical parking brake warning lamp
K237	Auto-hold warning lamp
L76	Button illumination bulb
T6ad	6-pin connector, black
T12j	12-pin connector, black
278	Earth connection 4, in interior wiring harness
811	Earth point on central tube for dash panel, centre right
A19	Connection (58d), 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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Tyre Pressure Monitoring System control unit

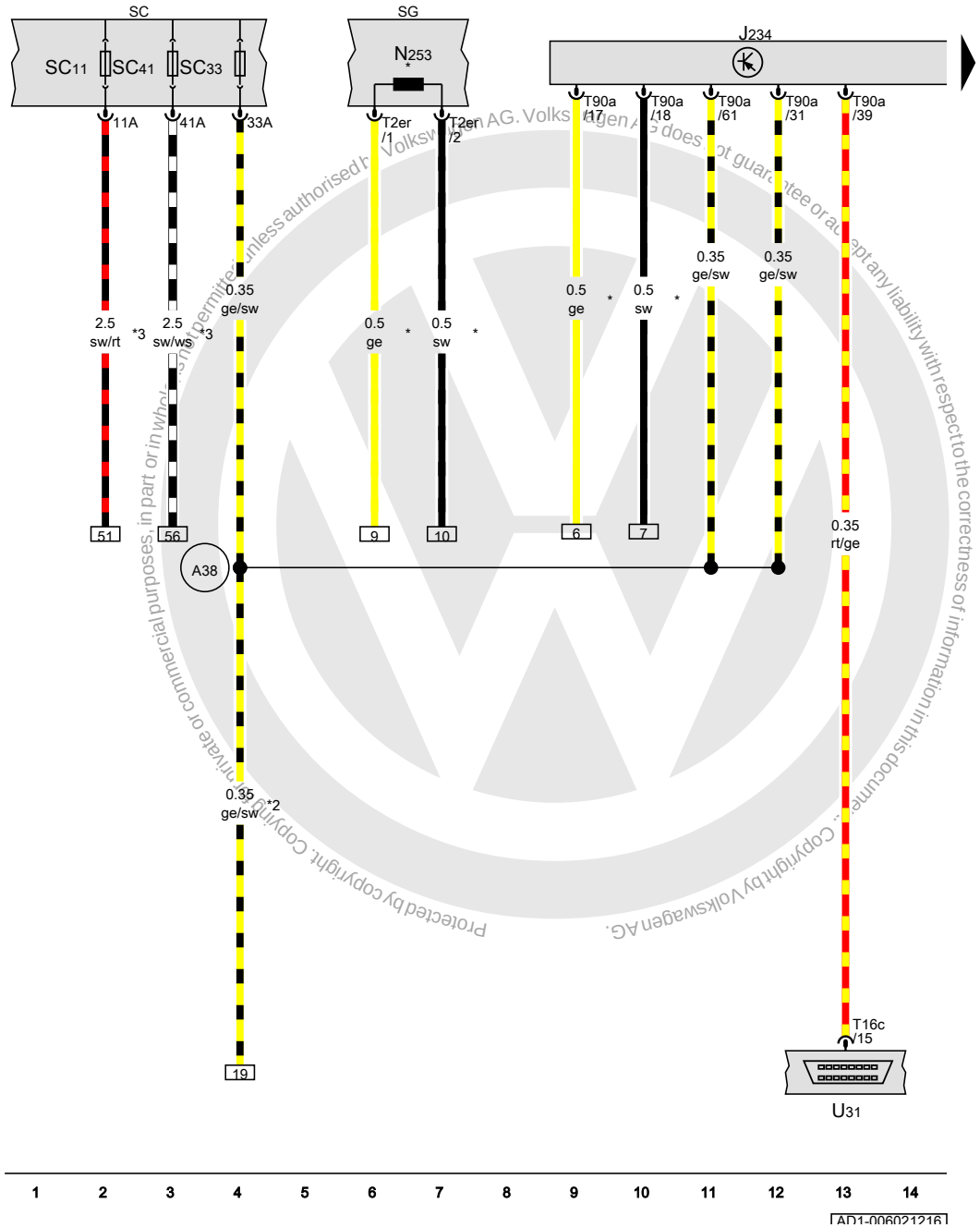
J502	Tyre Pressure Monitoring System control unit
T4be	4-pin connector, grey
333	Earth connection 5, in rear wiring harness
730	Earth point 1, on right rear wheel housing
A164	Positive connection 2 (30a) in dash panel wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
*	Only models with Tyre Pressure Monitoring 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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Airbag systems , (L0L)

From January 2016

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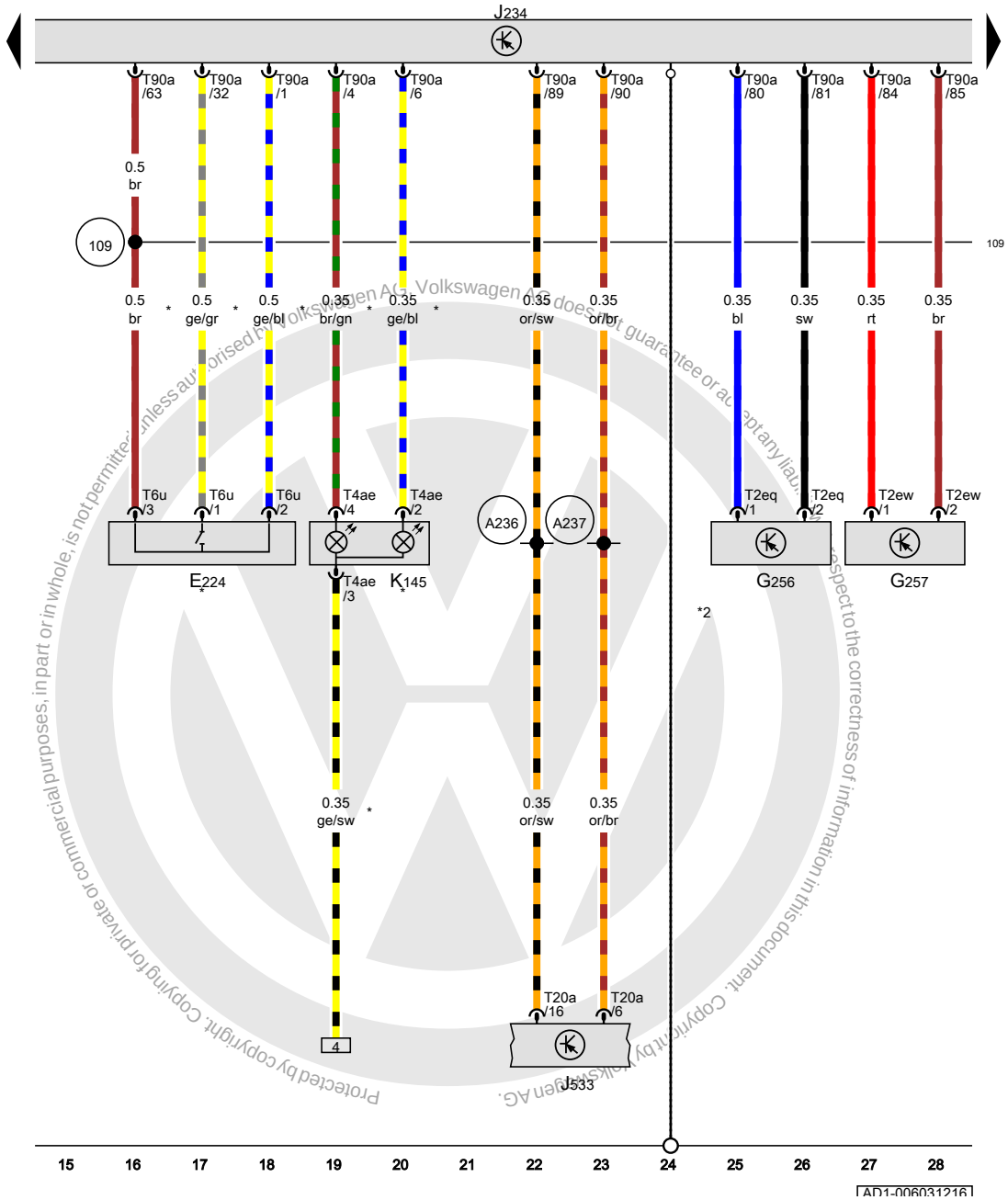


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Airbag control unit, Fuse holder C, Fuse holder G, Diagnostic connection

J234	Airbag control unit
N253	Battery isolation igniter
SC	Fuse holder C
SC11	Fuse 11 on fuse holder C
SC33	Fuse 33 on fuse holder C
SC41	Fuse 41 on fuse holder C
SG	Fuse holder G
T2er	2-pin connector, yellow
T16c	16-pin connector, black
T90a	90-pin connector, yellow
U31	Diagnostic connection
(A38)	Positive connection 2 (15a) in dash panel wiring harness
*	Only models with battery in luggage compartment
*2	Only models with key operated switch to deactivate front passenger airbag
*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

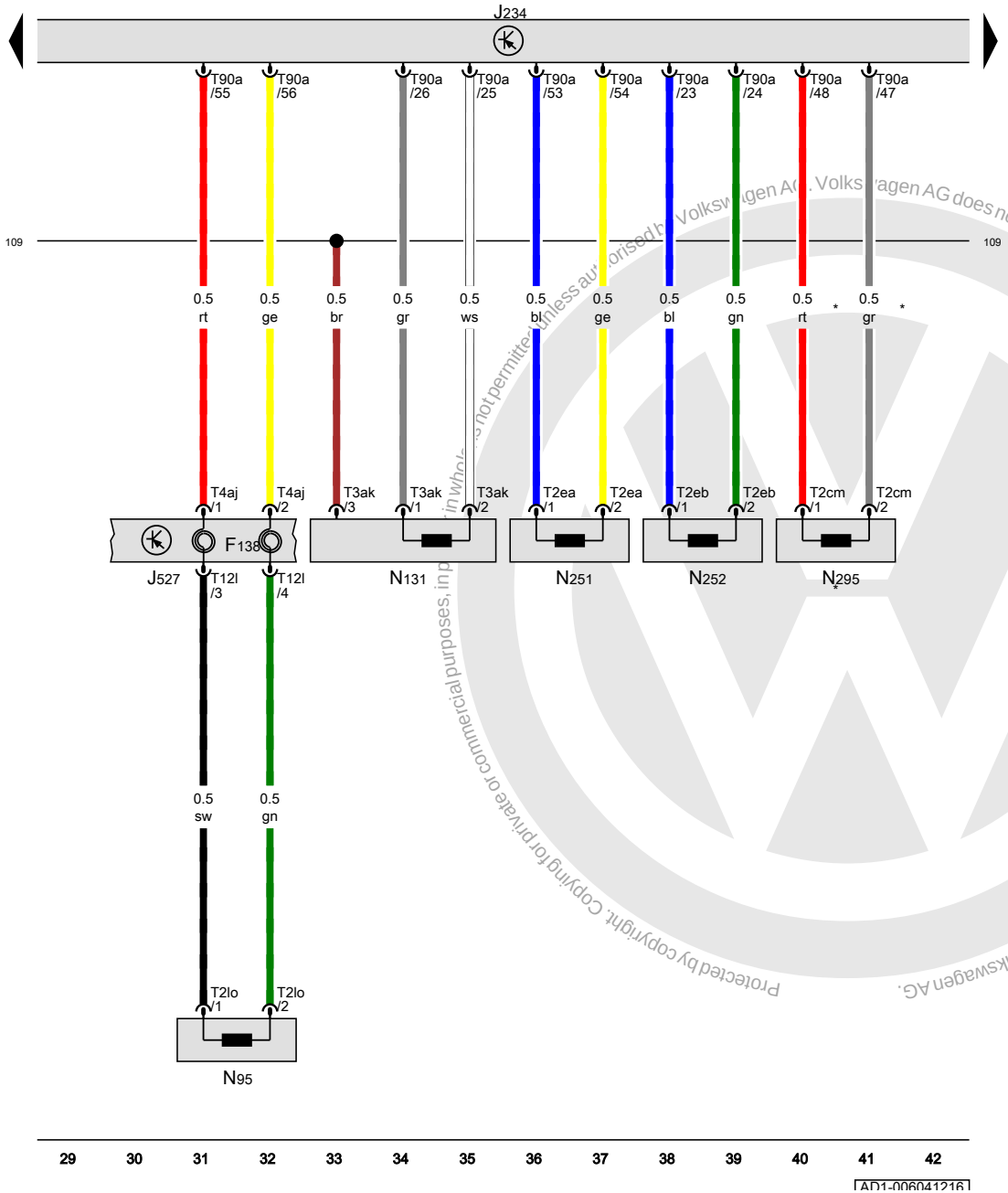


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Key operated switch to deactivate front passenger side airbag, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Airbag control unit, Data bus diagnostic interface, Front passenger side airbag deactivated warning lamp

E224	Key operated switch to deactivate front passenger side airbag
G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on passenger side
J234	Airbag control unit
J533	Data bus diagnostic interface
K145	Front passenger side airbag deactivated warning lamp
T2eq	2-pin connector, yellow
T2ew	2-pin connector, yellow
T4ae	4-pin connector, black
T6u	6-pin connector, yellow
T20a	20-pin connector, red
T90a	90-pin connector, yellow
109	Earth connection, in airbag wiring harness
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
*	Only models with key operated switch to deactivate front passenger airbag
*2	Earth supply via housing

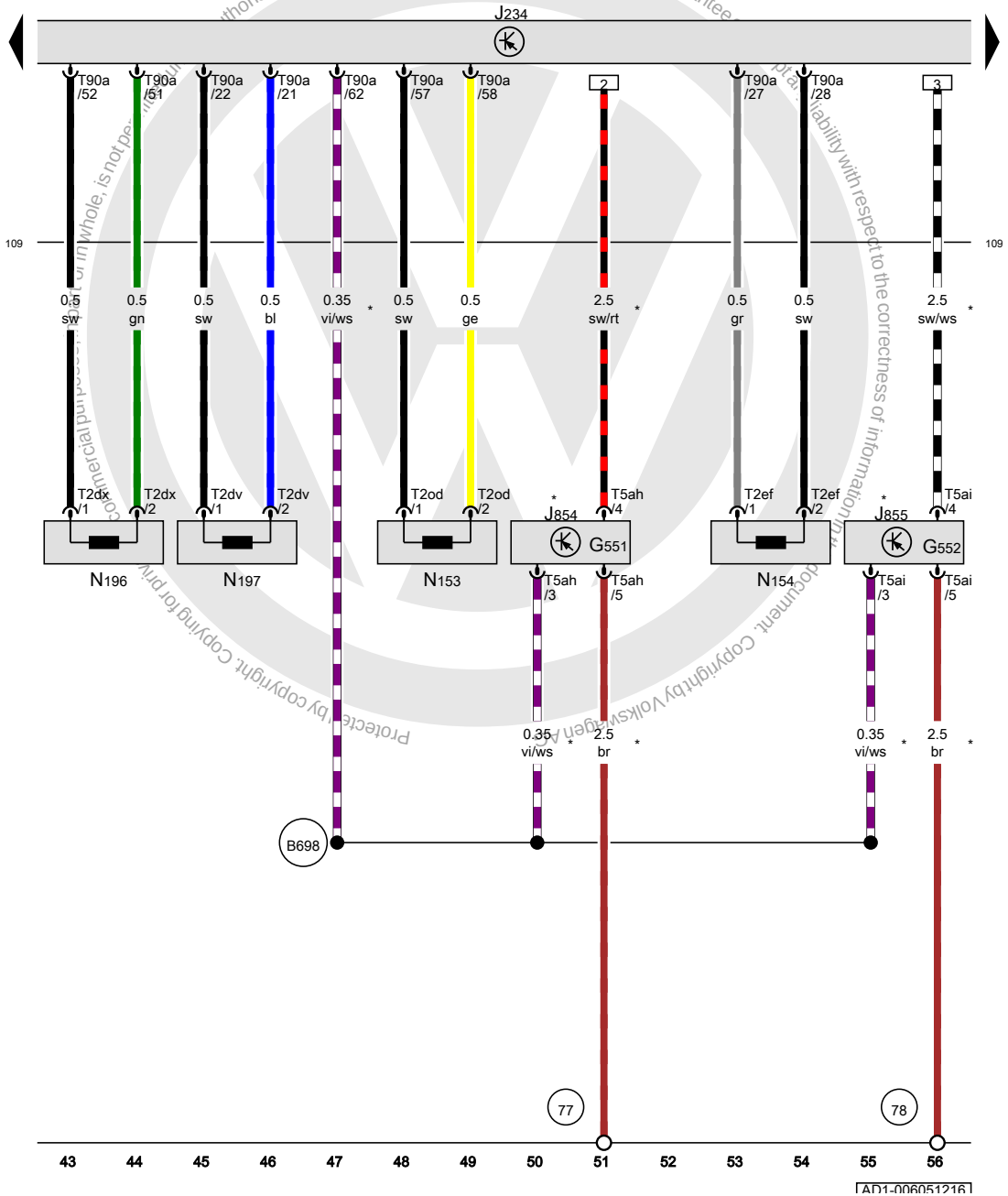


Airbag control unit, Steering column electronics control unit, Driver side airbag igniter, Front passenger side airbag igniter 1, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter, Driver side knee airbag igniter

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
N131	Front passenger side airbag igniter 1
N251	Driver side curtain airbag igniter
N252	Front passenger side curtain airbag igniter
N295	Driver side knee airbag igniter
T2cm	2-pin connector, yellow
T2ea	2-pin connector, yellow
T2eb	2-pin connector, yellow
T2lo	2-pin connector, black
T3ak	3-pin connector, yellow
T4aj	4-pin connector, yellow
T12l	12-pin connector, yellow
T90a	90-pin connector, yellow
109	Earth connection, in airbag wiring harness
*	Only models with driver side knee airbag

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

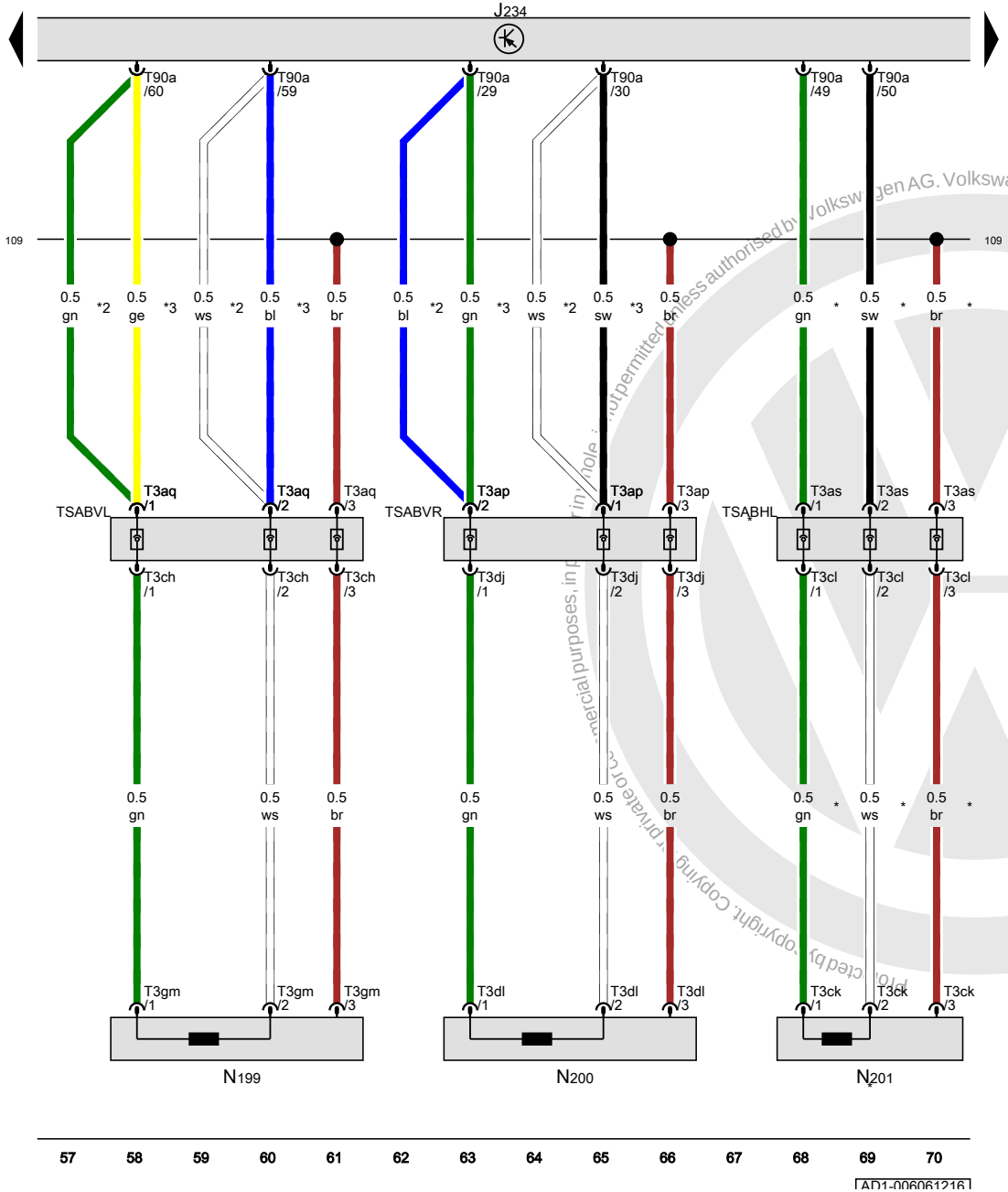
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Airbag control unit, Control unit for front left belt tensioner, Control unit for front right belt tensioner, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1, Rear belt tensioner igniter on driver side, Rear belt tensioner igniter on passenger side

G551	Driver side belt force limiter
G552	Front passenger side belt force limiter
J234	Airbag control unit
J854	Control unit for front left belt tensioner
J855	Control unit for front right belt tensioner
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 passenger side
T2dv	2-pin connector, yellow
T2dx	2-pin connector, yellow
T2ef	2-pin connector, yellow
T2od	2-pin connector, yellow
T5ah	5-pin connector, colourless
T5ai	5-pin connector, colourless
T90a	90-pin connector, yellow
77	Earth point, lower part of left B-pillar
78	Earth point, lower part of right B-pillar
109	Earth connection, in airbag 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
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

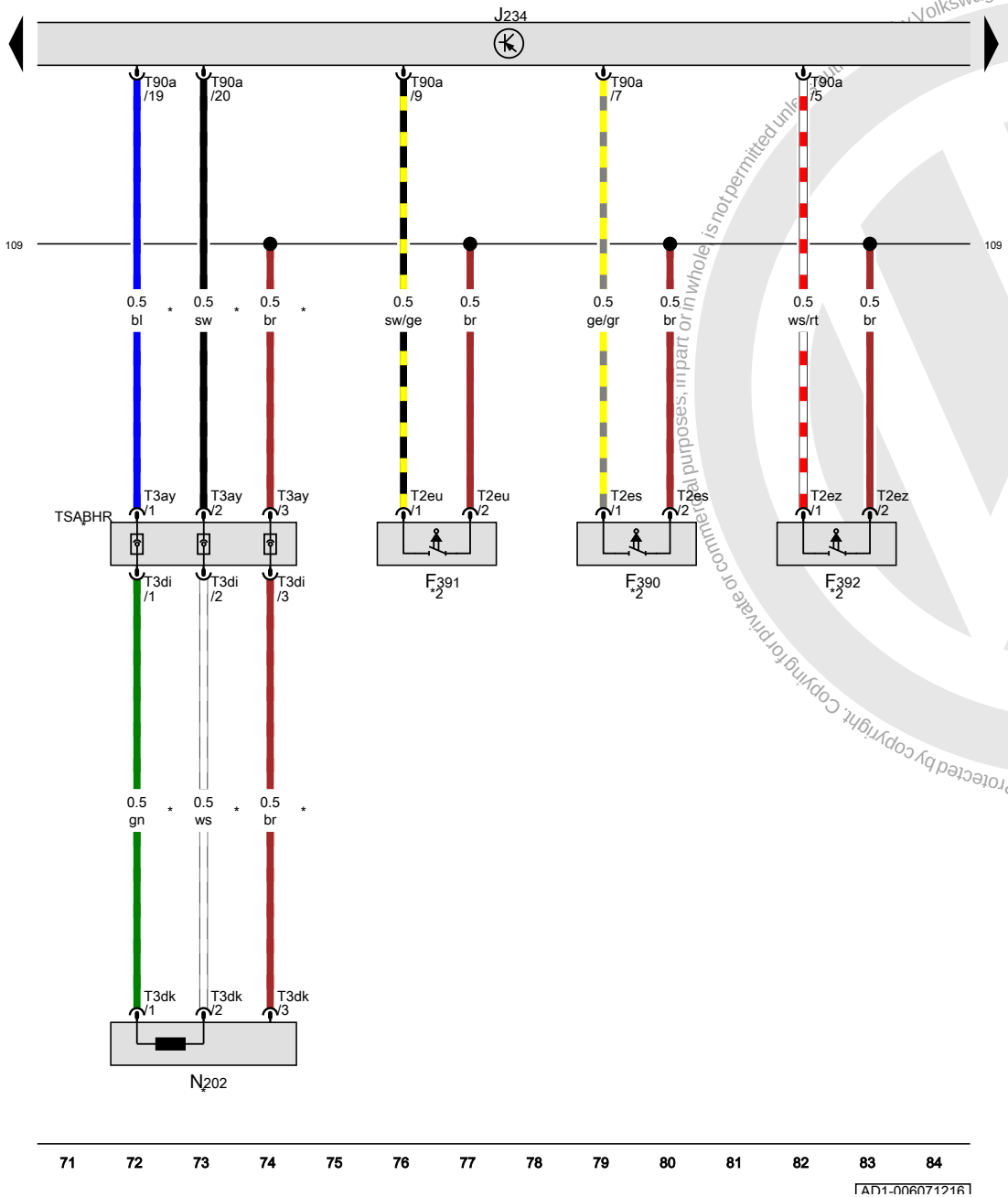


Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side, Rear side airbag igniter on driver side

J234	Airbag control unit
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
N201	Rear side airbag igniter on driver side
T3ap	3-pin connector, yellow
T3aq	3-pin connector, yellow
T3as	3-pin connector, yellow
T3ch	3-pin connector, yellow
T3ck	3-pin connector, yellow
T3cl	3-pin connector, yellow
T3dj	3-pin connector, yellow
T3dl	3-pin connector, yellow
T3gm	3-pin connector, yellow
T90a	90-pin connector, yellow
TSABHL	Coupling point for rear left side airbag
TSABVL	Coupling point for front left side airbag
TSABVR	Coupling point for front right side airbag
109	Earth connection, in airbag wiring harness
*	Only models with rear side airbag
*2	From May 2016
*3	Up to May 2016

ws	=	white
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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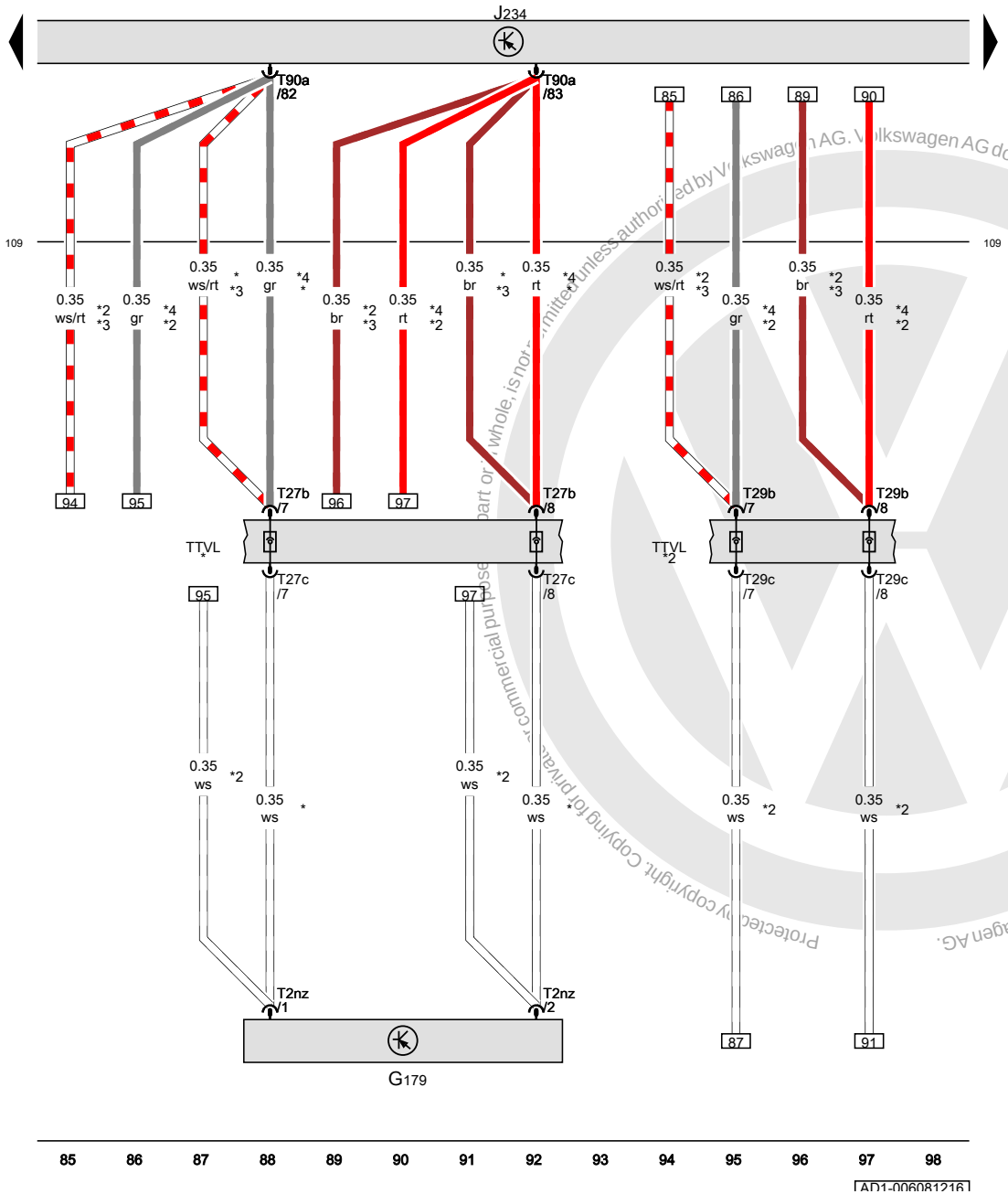
Belt switch for seat row 2, driver side, Belt switch for seat row 2, middle, Belt switch for seat row 2, passenger side, Airbag control unit, Rear side airbag igniter on passenger side

F390	Belt switch for seat row 2, driver side
F391	Belt switch for seat row 2, middle
F392	Belt switch for seat row 2, passenger side
J234	Airbag control unit
N202	Rear side airbag igniter on passenger side
T2es	2-pin connector, black
T2eu	2-pin connector, green
T2ez	2-pin connector, black
T3ay	3-pin connector, yellow
T3di	3-pin connector, yellow
T3dk	3-pin connector, yellow
T90a	90-pin connector, yellow
TSABHR	Coupling point for rear right side airbag
109	Earth connection, in airbag wiring harness
*	Only models with rear side airbag
*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
rs	=	pink

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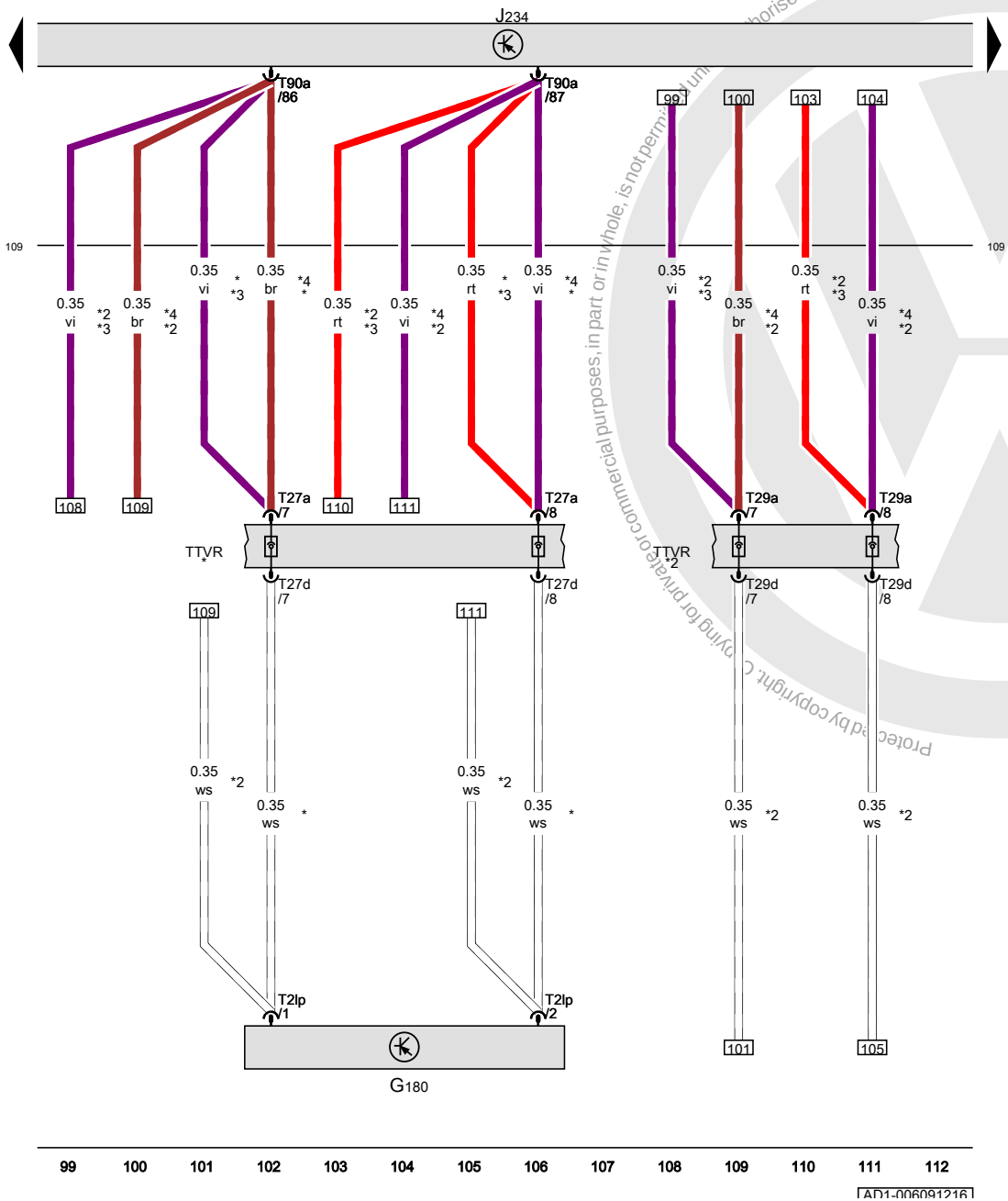
Side airbag crash sensor on driver side, Airbag control unit



G179	Side airbag crash sensor on driver side
J234	Airbag control unit
T2nz	2-pin connector, yellow
T27b	27-pin connector, black
T27c	27-pin connector, black
T29b	29-pin connector, white
T29c	29-pin connector, white
T90a	90-pin connector, yellow
TTVL	Coupling point for front left door
109	Earth connection, in airbag wiring harness
*	Only models with no overhead view camera
*2	Only models with overhead view camera
*3	From May 2016
*4	Up to May 2016

ws	=	white
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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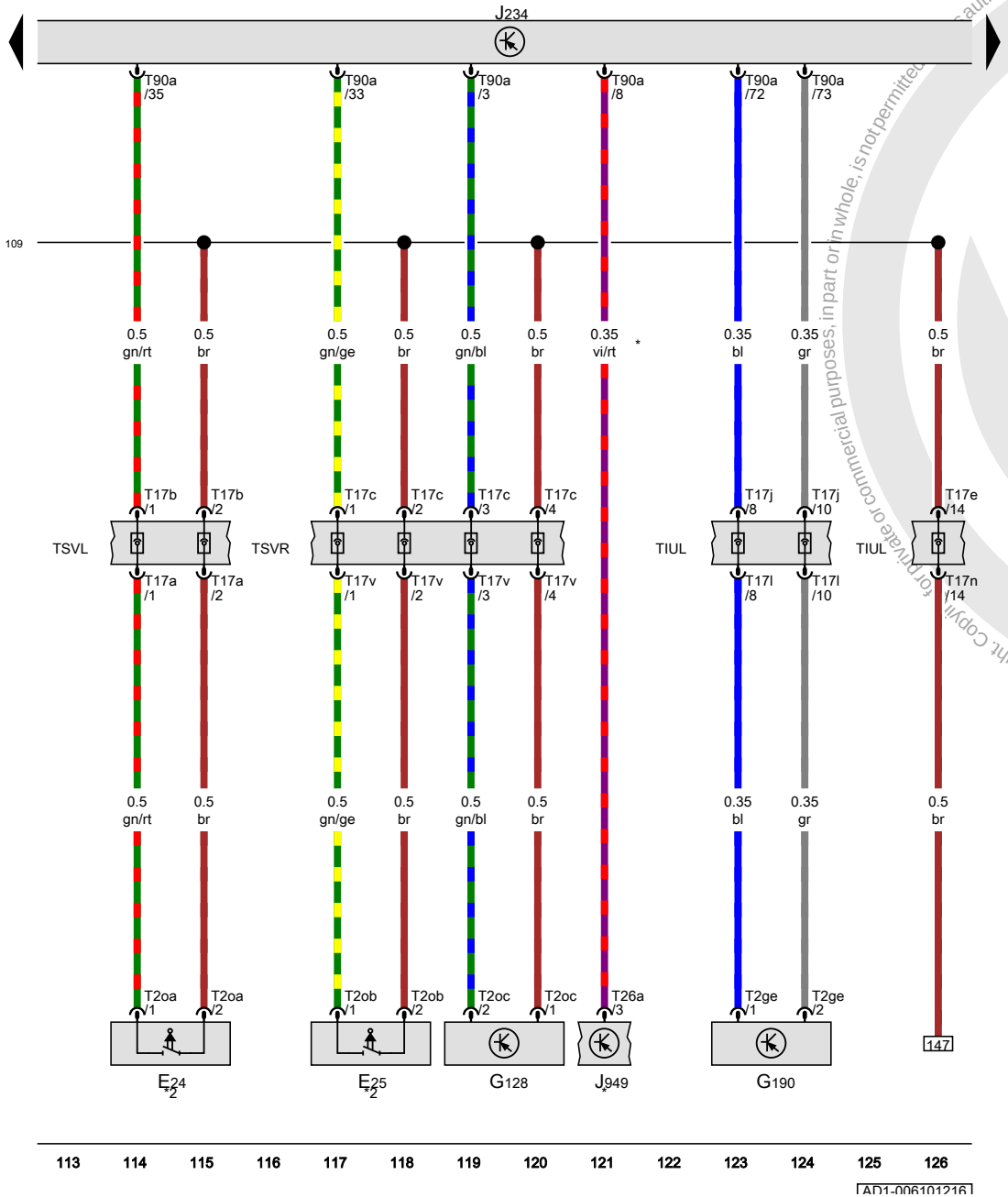


Side airbag crash sensor on front passenger side, Airbag control unit

G180	Side airbag crash sensor on front passenger side
J234	Airbag control unit
T2lp	2-pin connector, yellow
T27a	27-pin connector, black
T27d	27-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
T90a	90-pin connector, yellow
TTVR	Coupling point for front right door
109	Earth connection, in airbag wiring harness
*	Only models with no overhead view camera
*2	Only models with overhead view camera
*3	From May 2016
*4	Up to May 2016

ws	=	white
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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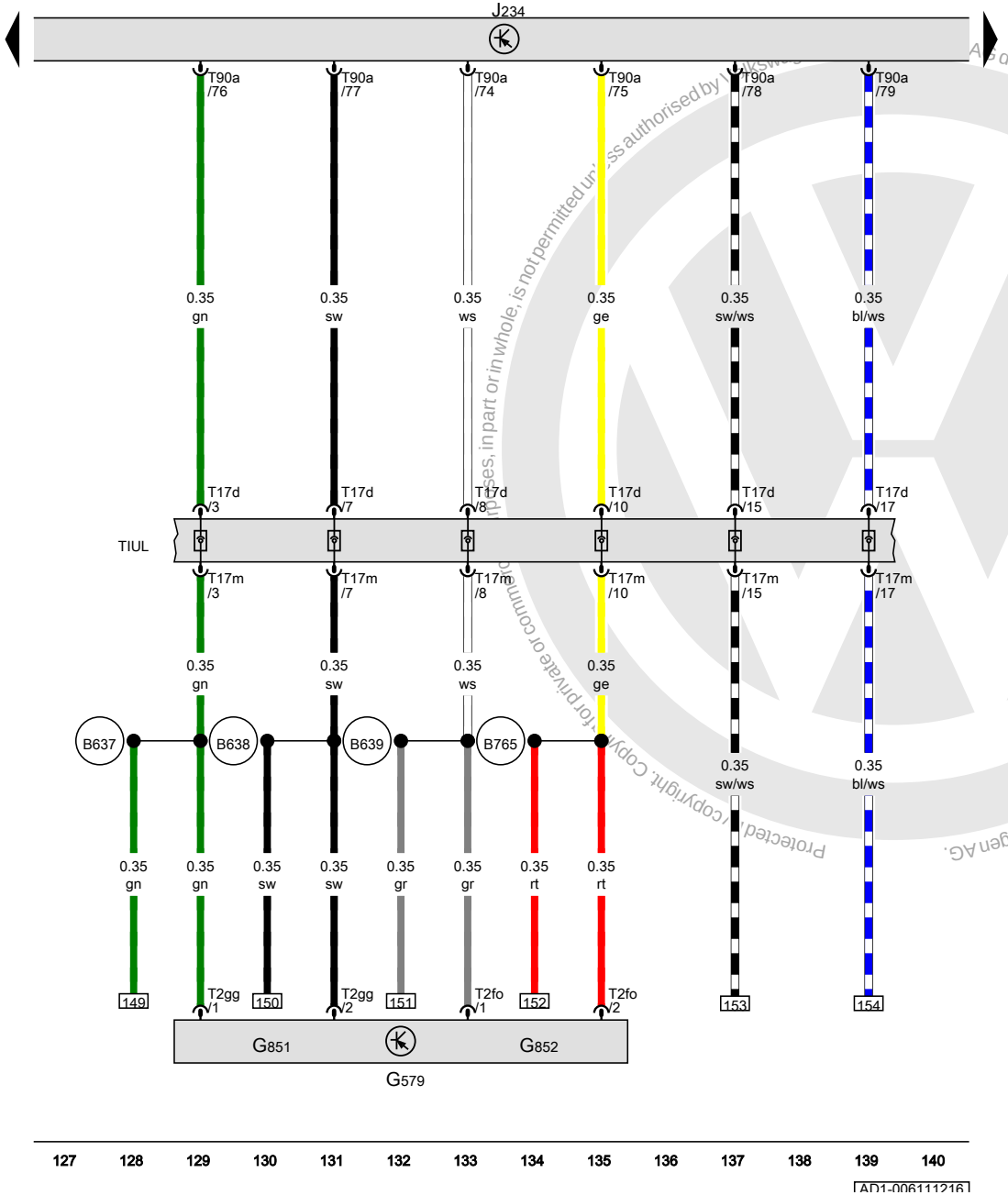


Driver side belt switch, Front passenger side belt switch, Seat occupied sensor, front passenger side, Crash sensor for front airbag, Airbag control unit, Emergency call module control unit and communication unit

E24	Driver side belt switch
E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
G190	Crash sensor for front airbag
J234	Airbag control unit
J949	Emergency call module control unit and communication unit
T2ge	2-pin connector, yellow
T2oa	2-pin connector, black
T2ob	2-pin connector, black
T2oc	2-pin connector, black
T17a	17-pin connector, red
T17b	17-pin connector, red
T17c	17-pin connector, red
T17e	17-pin connector, blue
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T17n	17-pin connector, blue
T17v	17-pin connector, red
T26a	26-pin connector, black
T90a	90-pin connector, yellow
TIUL	Coupling point in interior, below left
TSVL	Coupling point for front left seat
TSVR	Coupling point for front right seat
109	Earth connection, in airbag 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
rs	=	pink

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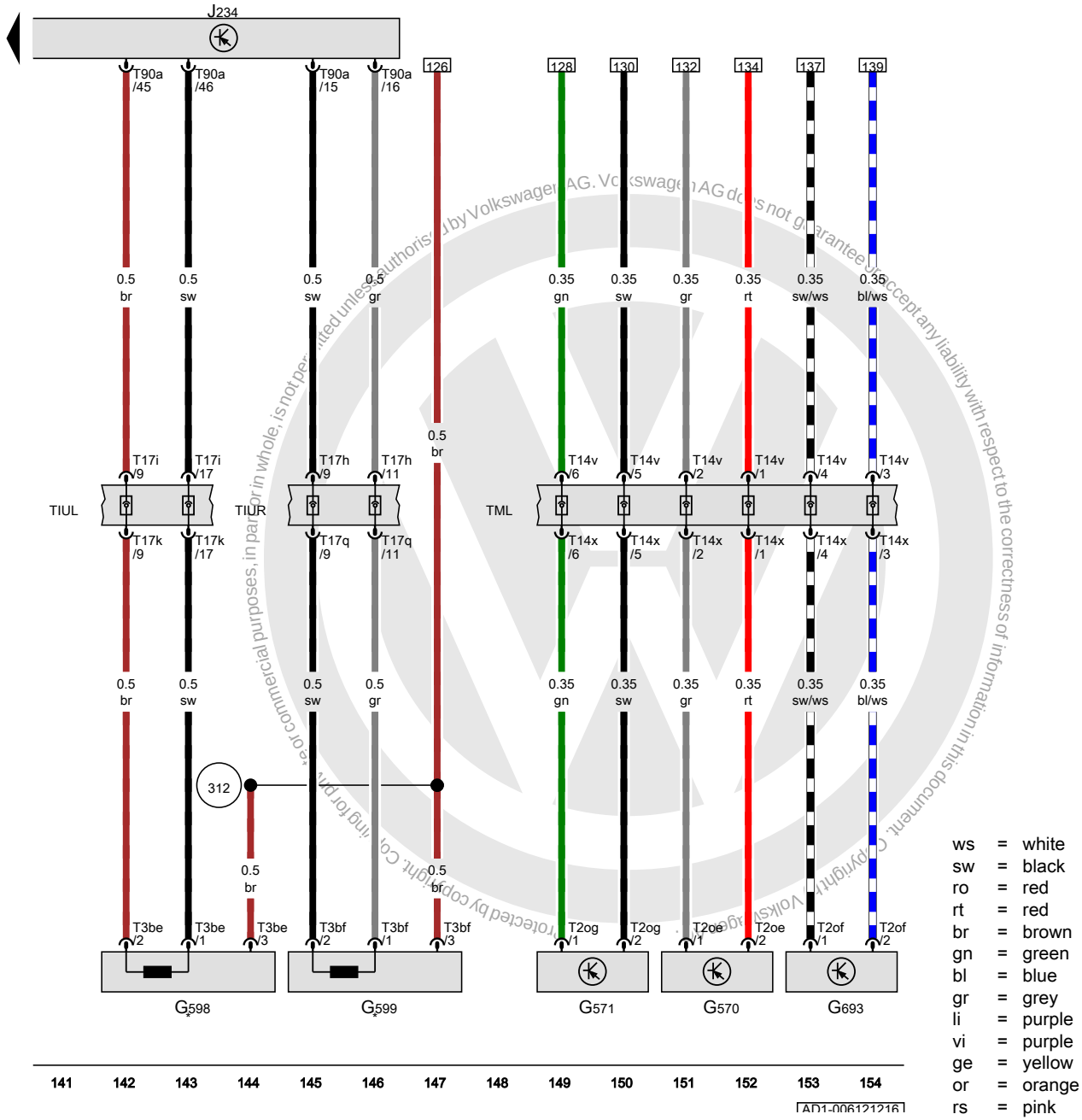


Front pressure hose sensor for pedestrian protection, Airbag control unit

G579	Front pressure hose sensor for pedestrian protection
G851	Driver side crash sensor 2 for pedestrian protection
G852	Front passenger side crash sensor 2 for pedestrian protection
J234	Airbag control unit
T2fo	2-pin connector, yellow
T2gg	2-pin connector, yellow
T17d	17-pin connector, red
T17m	17-pin connector, red
T90a	90-pin connector, yellow
TIUL	Coupling point in interior, below left
B637	Connection 1 (airbag), in main wiring harness
B638	Connection 2 (airbag), in main wiring harness
B639	Connection 3 (airbag), in main wiring harness
B765	Connection 4 (airbag), 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

Trigger 1 for pedestrian protection, Trigger 2 for pedestrian protection, Airbag control unit

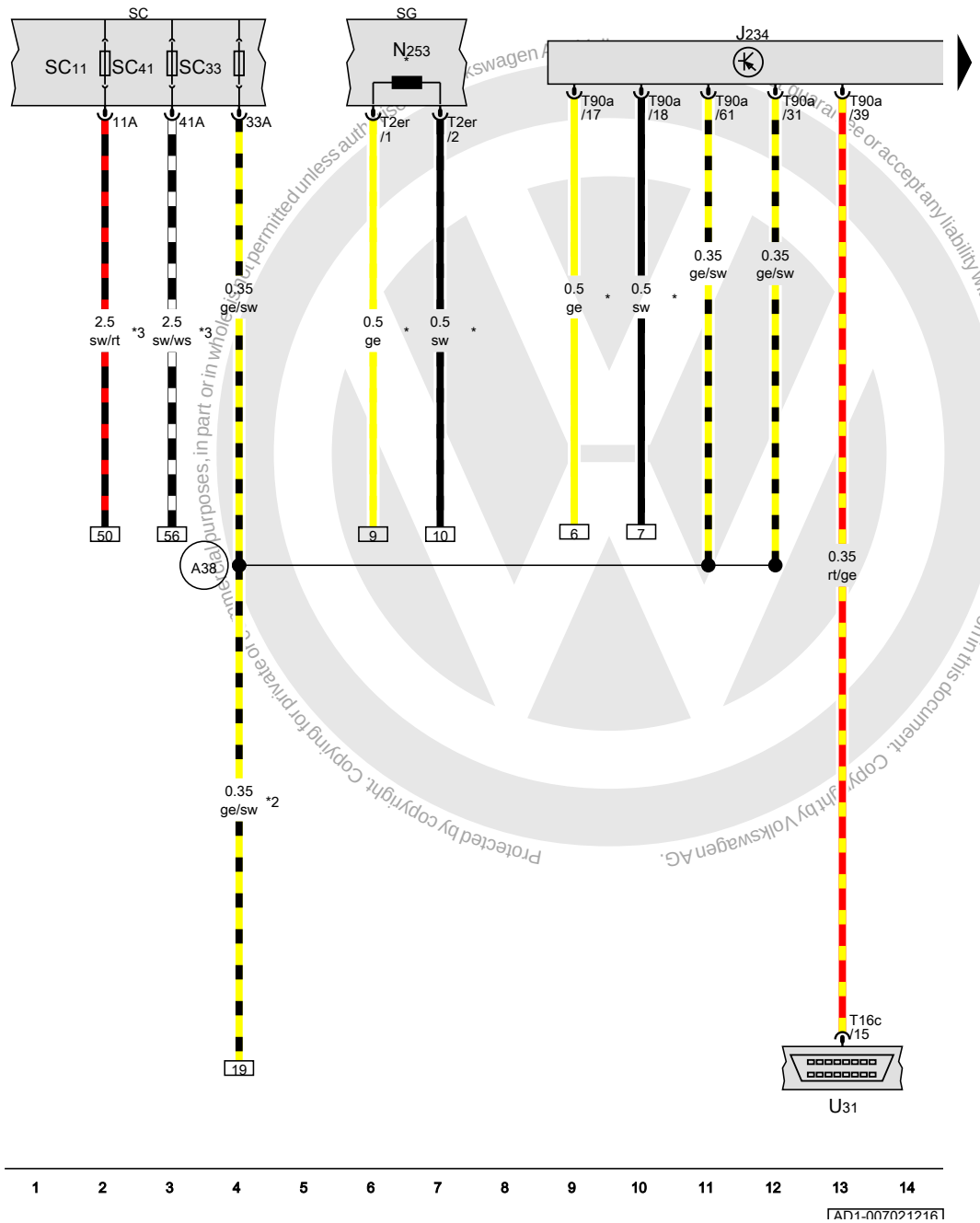
G570	Driver side crash sensor for pedestrian protection
G571	Front passenger side crash sensor for pedestrian protection
G598	Trigger 1 for pedestrian protection
G599	Trigger 2 for pedestrian protection
G693	Centre crash sensor for pedestrian protection
J234	Airbag control unit
T2oe	2-pin connector, black
T2of	2-pin connector, black
T2og	2-pin connector, black
T3be	3-pin connector, yellow
T3bf	3-pin connector, yellow
T14v	14-pin connector, black
T14x	14-pin connector, black
T17h	17-pin connector, red
T17i	17-pin connector, black
T17k	17-pin connector, black
T17q	17-pin connector, red
T90a	90-pin connector, yellow
TIUL	Coupling point in interior, below left
TIUR	Coupling point in interior, below right
TML	Coupling point in engine compartment, left
312	Earth connection 2, in airbag wiring harness
*	Pre-wired component

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Airbag systems , (L0R)

From January 2016

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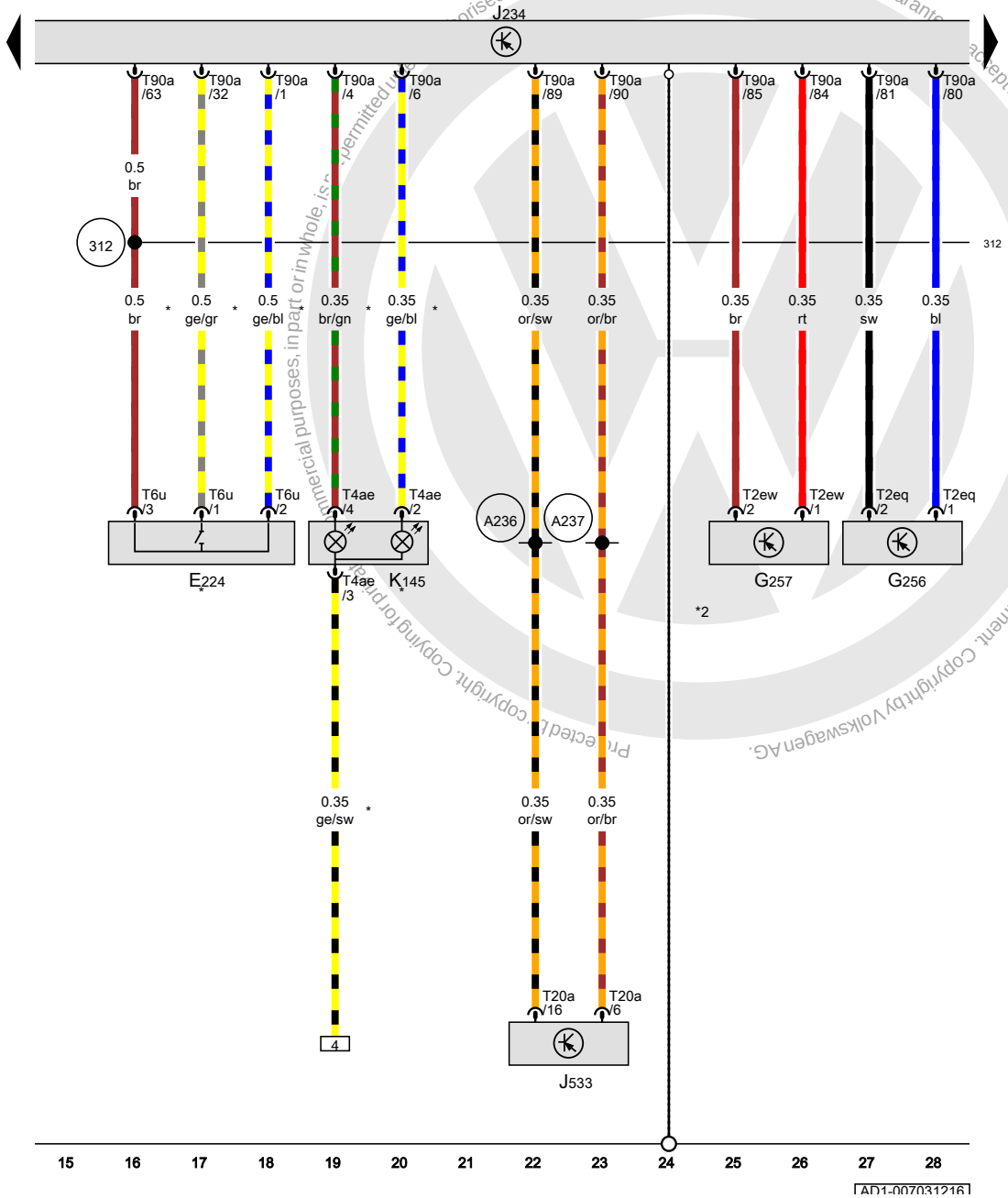


Airbag control unit, Fuse holder C, Fuse holder G, Diagnostic connection

J234	Airbag control unit
N253	Battery isolation igniter
SC	Fuse holder C
SC11	Fuse 11 on fuse holder C
SC33	Fuse 33 on fuse holder C
SC41	Fuse 41 on fuse holder C
SG	Fuse holder G
T2er	2-pin connector, yellow
T16c	16-pin connector, black
T90a	90-pin connector, yellow
U31	Diagnostic connection
(A38)	Positive connection 2 (15a) in dash panel wiring harness
*	Only models with battery in luggage compartment
*2	Only models with key operated switch to deactivate front passenger airbag
*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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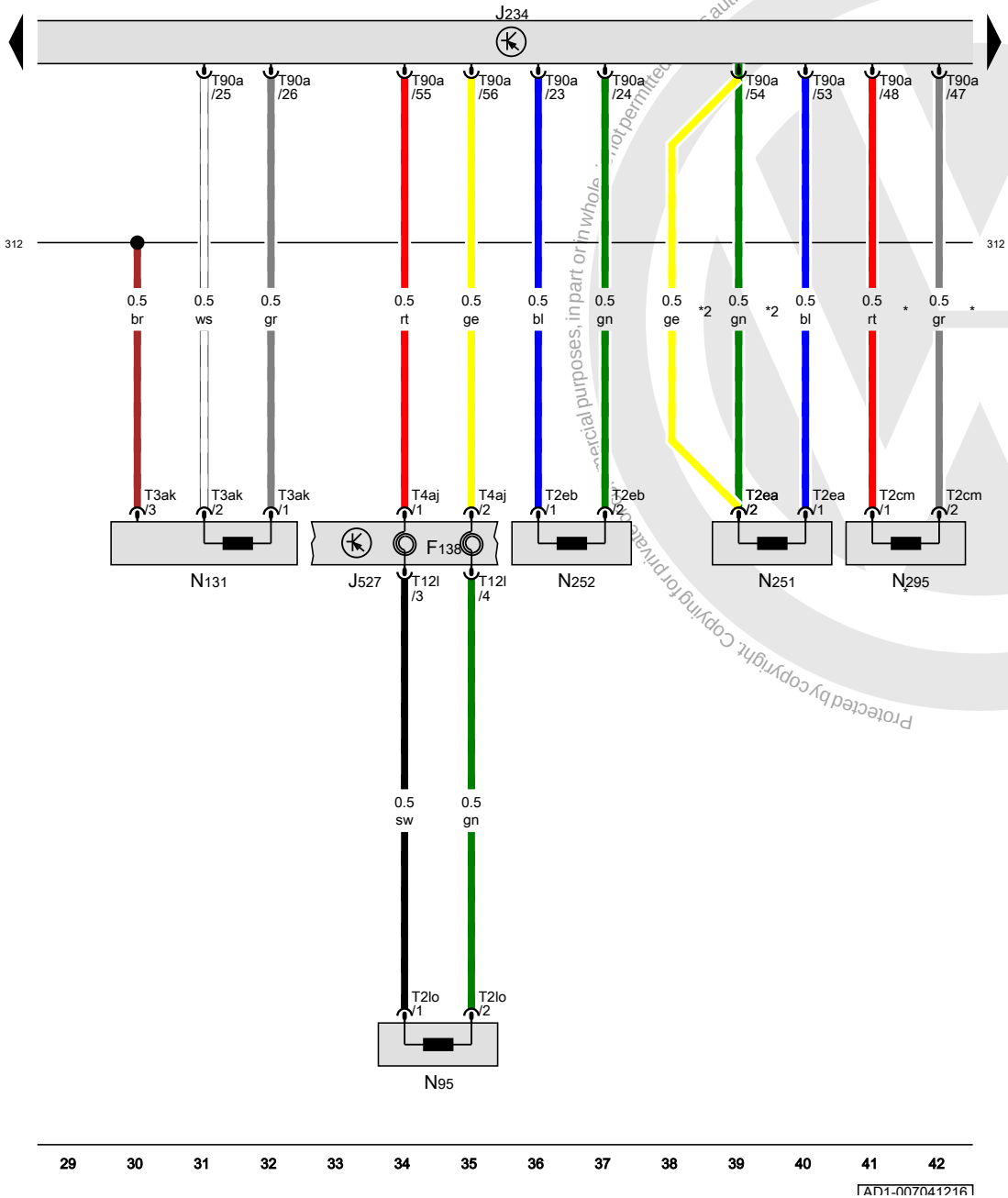


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Key operated switch to deactivate front passenger side airbag, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Airbag control unit, Data bus diagnostic interface, Front passenger side airbag deactivated warning lamp

E224	Key operated switch to deactivate front passenger side airbag
G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on passenger side
J234	Airbag control unit
J533	Data bus diagnostic interface
K145	Front passenger side airbag deactivated warning lamp
T2eq	2-pin connector, yellow
T2ew	2-pin connector, yellow
T4ae	4-pin connector, black
T6u	6-pin connector, yellow
T20a	20-pin connector, red
T90a	90-pin connector, yellow
312	Earth connection 2, in airbag wiring harness
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
*	Only models with key operated switch to deactivate front passenger airbag
*2	Earth supply via housing

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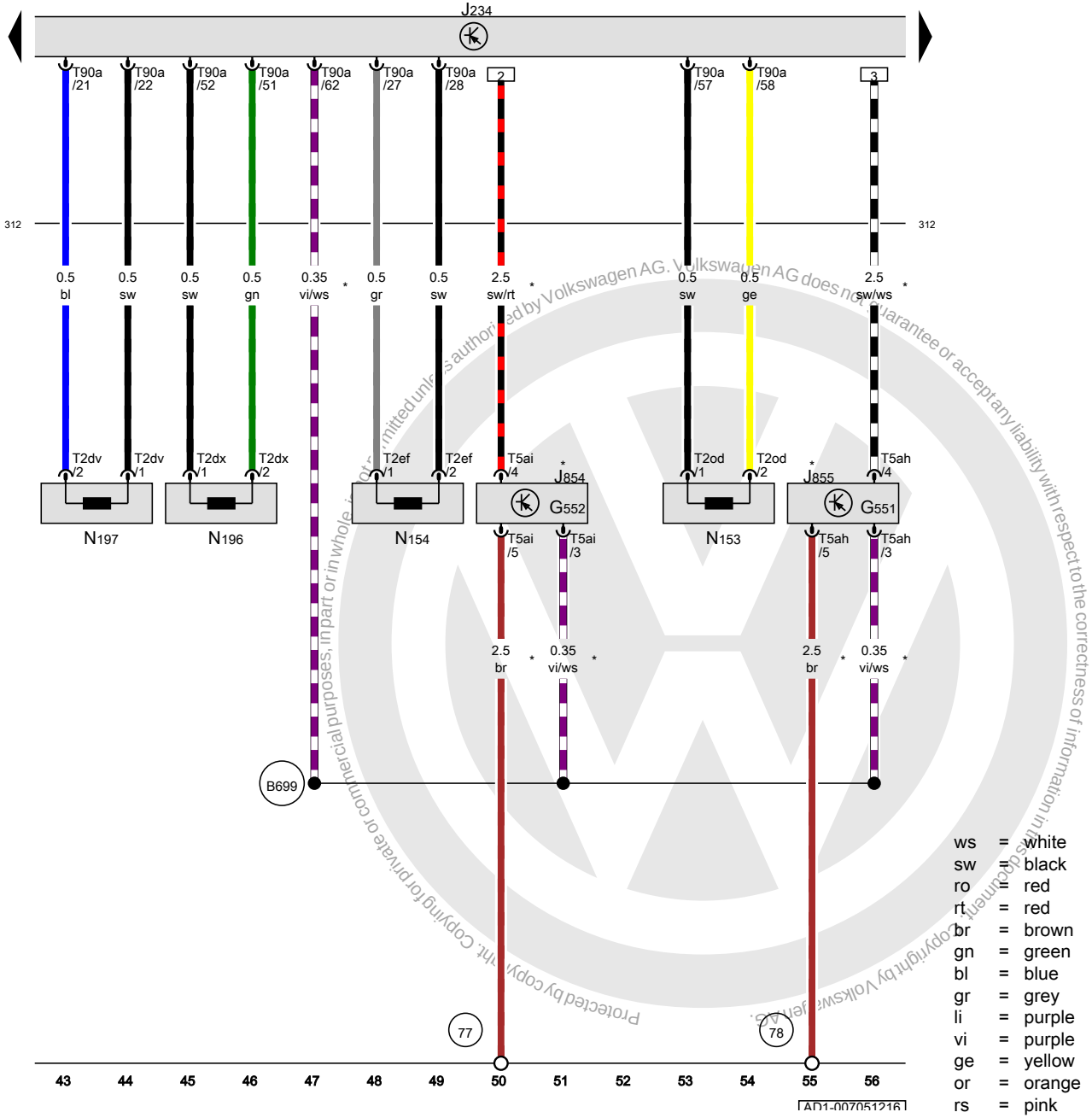


Airbag control unit, Steering column electronics control unit, Driver side airbag igniter, Front passenger side airbag igniter 1, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter, Driver side knee airbag igniter

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
N131	Front passenger side airbag igniter 1
N251	Driver side curtain airbag igniter
N252	Front passenger side curtain airbag igniter
N295	Driver side knee airbag igniter
T2cm	2-pin connector, yellow
T2ea	2-pin connector, yellow
T2eb	2-pin connector, yellow
T2lo	2-pin connector, black
T3ak	3-pin connector, yellow
T4aj	4-pin connector, yellow
T12l	12-pin connector, yellow
T90a	90-pin connector, yellow
312	Earth connection 2, in airbag wiring harness
*	Only models with driver side knee airbag
*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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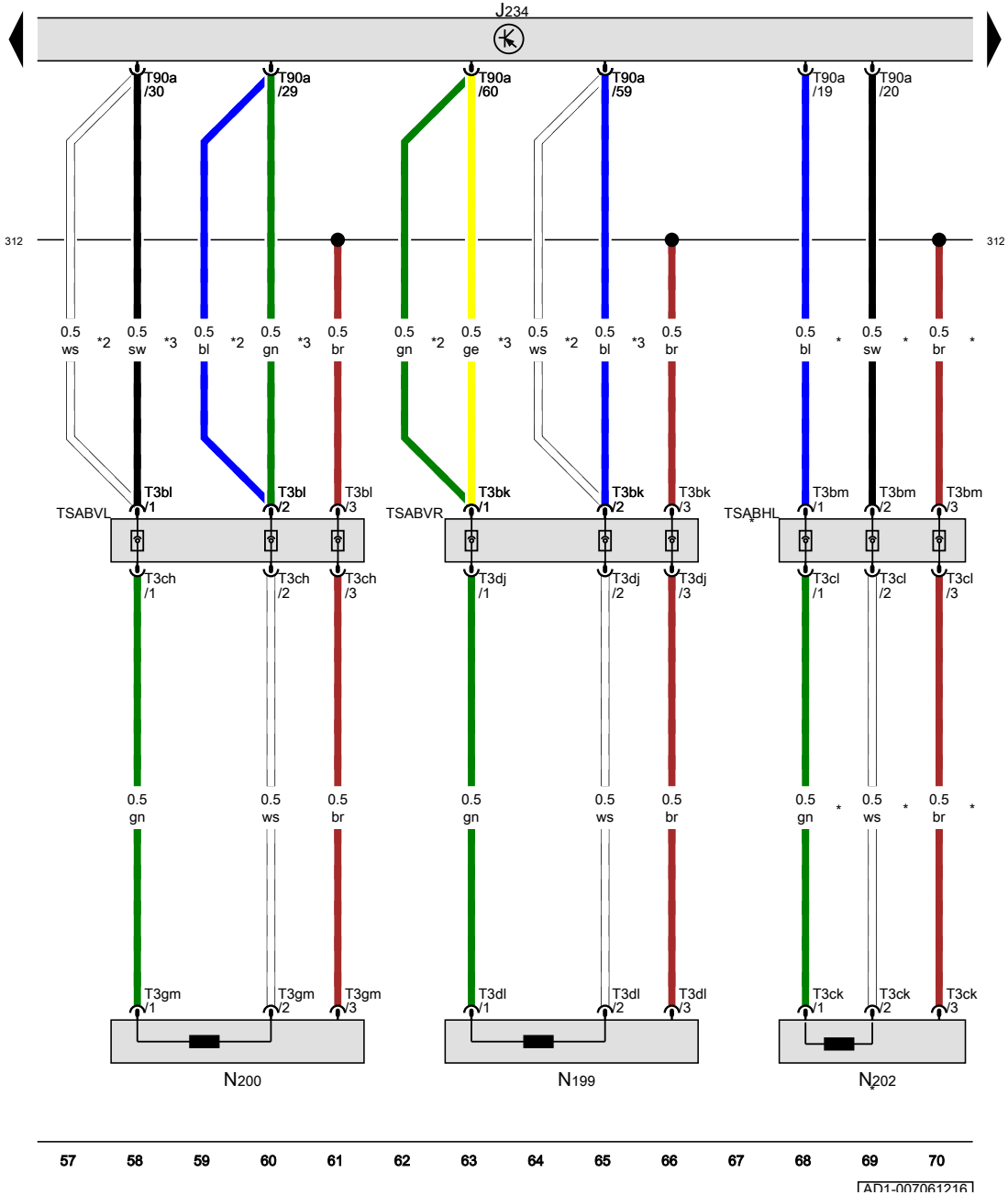


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Airbag control unit, Control unit for front left belt tensioner, Control unit for front right belt tensioner, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1, Rear belt tensioner igniter on driver side, Rear belt tensioner igniter on passenger side

G551	Driver side belt force limiter
G552	Front passenger side belt force limiter
J234	Airbag control unit
J854	Control unit for front left belt tensioner
J855	Control unit for front right belt tensioner
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 passenger side
T2dv	2-pin connector, yellow
T2dx	2-pin connector, yellow
T2ef	2-pin connector, yellow
T2od	2-pin connector, yellow
T5ah	5-pin connector, colourless
T5ai	5-pin connector, colourless
T90a	90-pin connector, yellow
77	Earth point, lower part of left B-pillar
78	Earth point, lower part of right B-pillar
312	Earth connection 2, in airbag wiring harness
B699	Connection 4 (LIN bus) in main wiring harness
*	According to equipment

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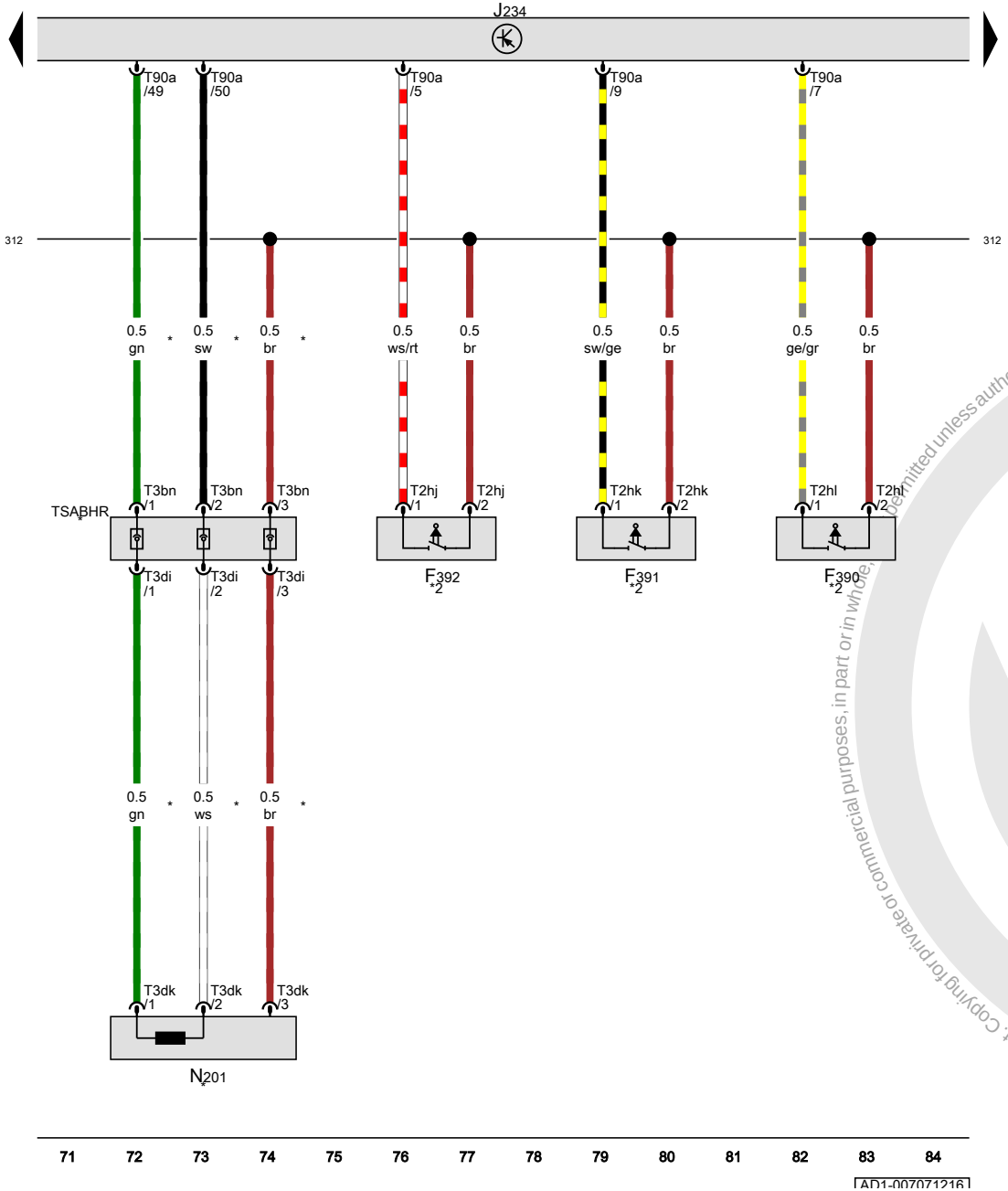


Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side, Rear side airbag igniter on passenger side

J234	Airbag control unit
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
N202	Rear side airbag igniter on passenger side
T3bk	3-pin connector, yellow
T3bl	3-pin connector, yellow
T3bm	3-pin connector, yellow
T3ch	3-pin connector, yellow
T3ck	3-pin connector, yellow
T3cl	3-pin connector, yellow
T3dj	3-pin connector, yellow
T3dl	3-pin connector, yellow
T3gm	3-pin connector, yellow
T90a	90-pin connector, yellow
TSABHL	Coupling point for rear left side airbag
TSABVL	Coupling point for front left side airbag
TSABVR	Coupling point for front right side airbag
312	Earth connection 2, in airbag wiring harness
*	Only models with rear side airbag
*2	From May 2016
*3	Up to May 2016

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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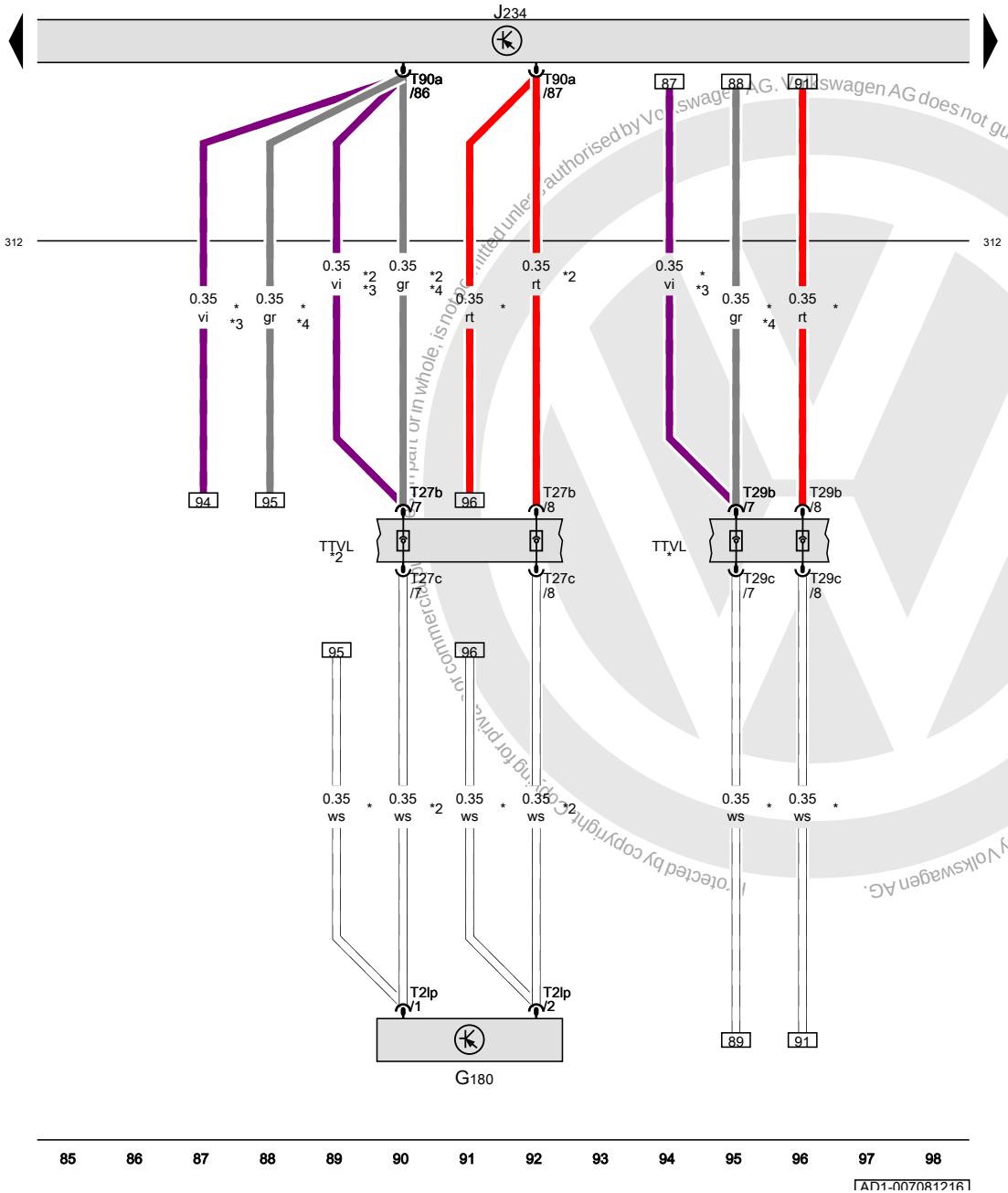


Belt switch for seat row 2, driver side, Belt switch for seat row 2, middle, Belt switch for seat row 2, passenger side, Airbag control unit, Rear side airbag igniter on driver side

F390	Belt switch for seat row 2, driver side
F391	Belt switch for seat row 2, middle
F392	Belt switch for seat row 2, passenger side
J234	Airbag control unit
N201	Rear side airbag igniter on driver side
T2hj	2-pin connector, black
T2hk	2-pin connector, green
T2hl	2-pin connector, black
T3bn	3-pin connector, yellow
T3di	3-pin connector, yellow
T3dk	3-pin connector, yellow
T90a	90-pin connector, yellow
TSABHR	Coupling point for rear right side airbag
312	Earth connection 2, in airbag wiring harness
*	Only models with rear side airbag
*2	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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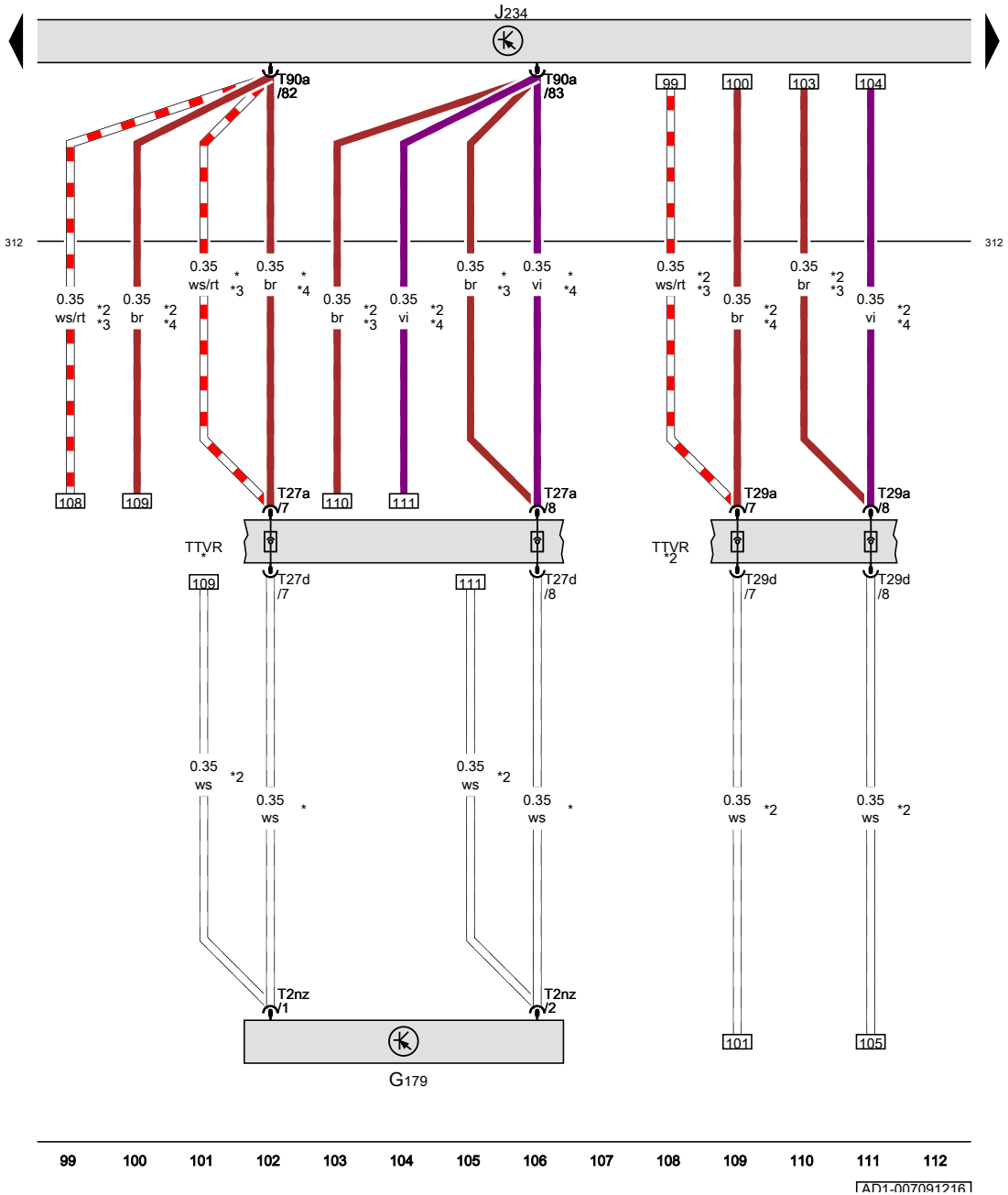


Side airbag crash sensor on front passenger side, Airbag control unit

G180	Side airbag crash sensor on front passenger side
J234	Airbag control unit
T2lp	2-pin connector, yellow
T27b	27-pin connector, black
T27c	27-pin connector, black
T29b	29-pin connector, white
T29c	29-pin connector, white
T90a	90-pin connector, yellow
TTVL	Coupling point for front left door
312	Earth connection 2, in airbag wiring harness
*	Only models with overhead view camera
*2	Only models with no overhead view camera
*3	From May 2016
*4	Up to May 2016

ws	=	white
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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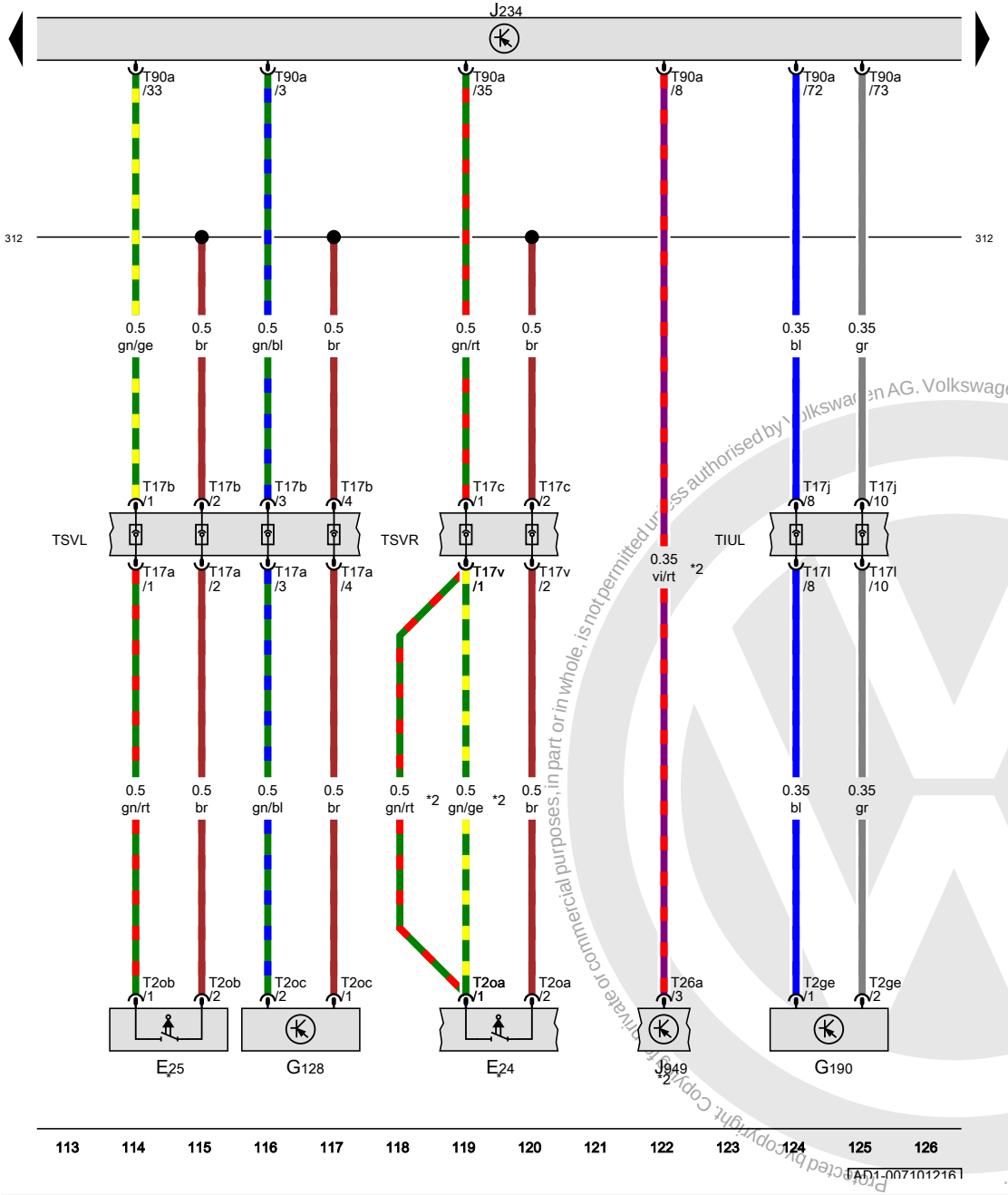


Side airbag crash sensor on driver side, Airbag control unit

G179	Side airbag crash sensor on driver side
J234	Airbag control unit
T2nz	2-pin connector, yellow
T27a	27-pin connector, black
T27d	27-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
T90a	90-pin connector, yellow
TTVR	Coupling point for front right door
312	Earth connection 2, in airbag wiring harness
*	Only models with no overhead view camera
*2	Only models with overhead view camera
*3	From May 2016
*4	Up to May 2016

ws	=	white
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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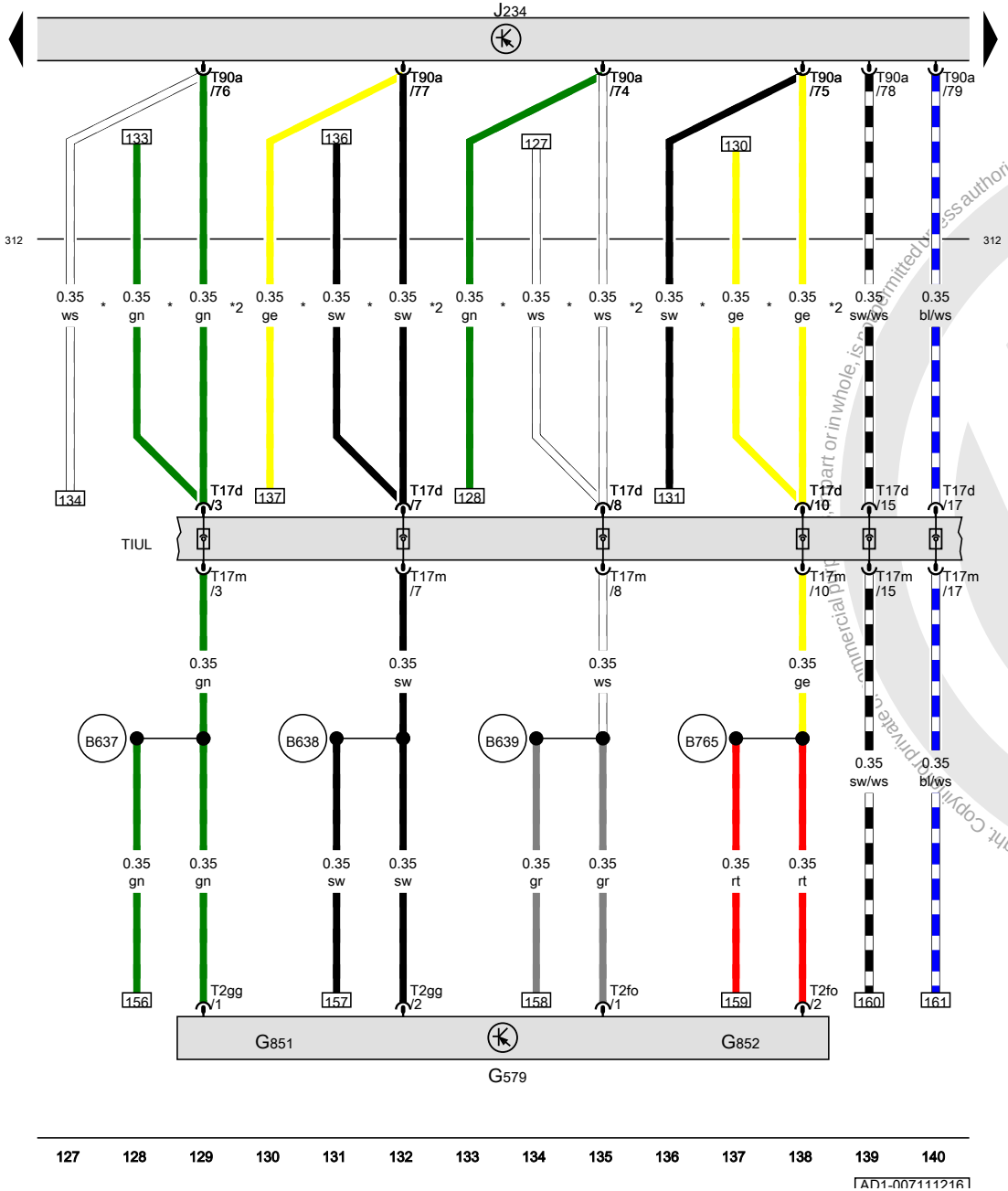


Driver side belt switch, Front passenger side belt switch, Seat occupied sensor, front passenger side, Crash sensor for front airbag, Airbag control unit, Emergency call module control unit and communication unit

E24	Driver side belt switch
E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
G190	Crash sensor for front airbag
J234	Airbag control unit
J949	Emergency call module control unit and communication unit
T2ge	2-pin connector, yellow
T2oa	2-pin connector, black
T2ob	2-pin connector, black
T2oc	2-pin connector, black
T17a	17-pin connector, red
T17b	17-pin connector, red
T17c	17-pin connector, red
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T17v	17-pin connector, red
T26a	26-pin connector, black
T90a	90-pin connector, yellow
TIUL	Coupling point in interior, below left
TSVL	Coupling point for front left seat
TSVR	Coupling point for front right seat
312	Earth connection 2, 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
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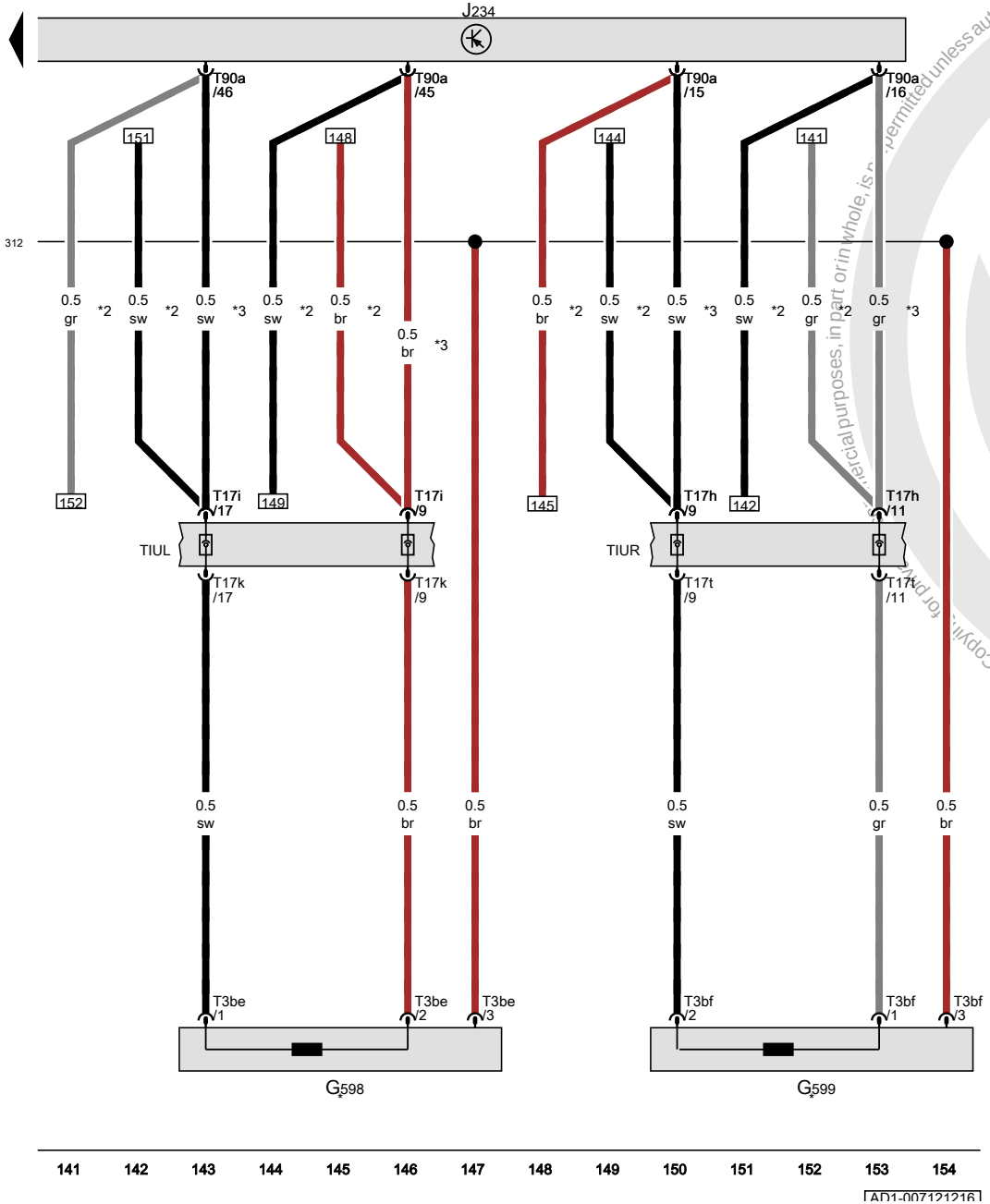


Front pressure hose sensor for pedestrian protection, Airbag control unit

G579	Front pressure hose sensor for pedestrian protection
G851	Driver side crash sensor 2 for pedestrian protection
G852	Front passenger side crash sensor 2 for pedestrian protection
J234	Airbag control unit
T2fo	2-pin connector, yellow
T2gg	2-pin connector, yellow
T17d	17-pin connector, red
T17m	17-pin connector, red
T90a	90-pin connector, yellow
TIUL	Coupling point in interior, below left
312	Earth connection 2, in airbag wiring harness
B637	Connection 1 (airbag), in main wiring harness
B638	Connection 2 (airbag), in main wiring harness
B639	Connection 3 (airbag), in main wiring harness
B765	Connection 4 (airbag), in main wiring harness
*	From May 2016
*2	Up to May 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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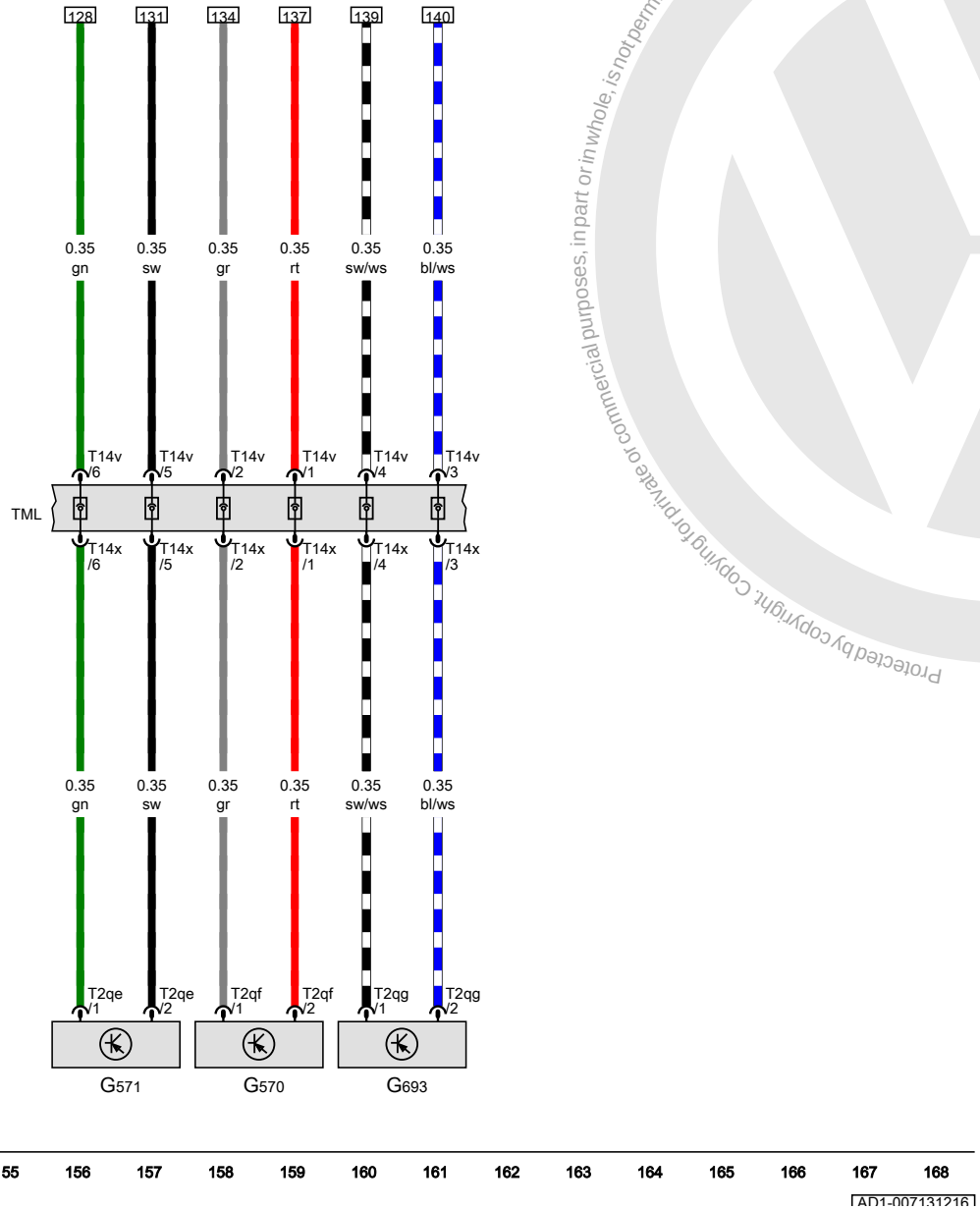
Trigger 1 for pedestrian protection, Trigger 2 for pedestrian protection, Airbag control unit

G598	Trigger 1 for pedestrian protection
G599	Trigger 2 for pedestrian protection
J234	Airbag control unit
T3be	3-pin connector, yellow
T3bf	3-pin connector, yellow
T17h	17-pin connector, red
T17i	17-pin connector, black
T17k	17-pin connector, black
T17t	17-pin connector, red
T90a	90-pin connector, yellow
TIUL	Coupling point in interior, below left
TIUR	Coupling point in interior, below right
312	Earth connection 2, in airbag wiring harness
*	Pre-wired component
*2	From May 2016
*3	Up to May 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Driver side crash sensor for pedestrian protection, Front passenger side crash sensor for pedestrian protection, Centre crash sensor for pedestrian protection

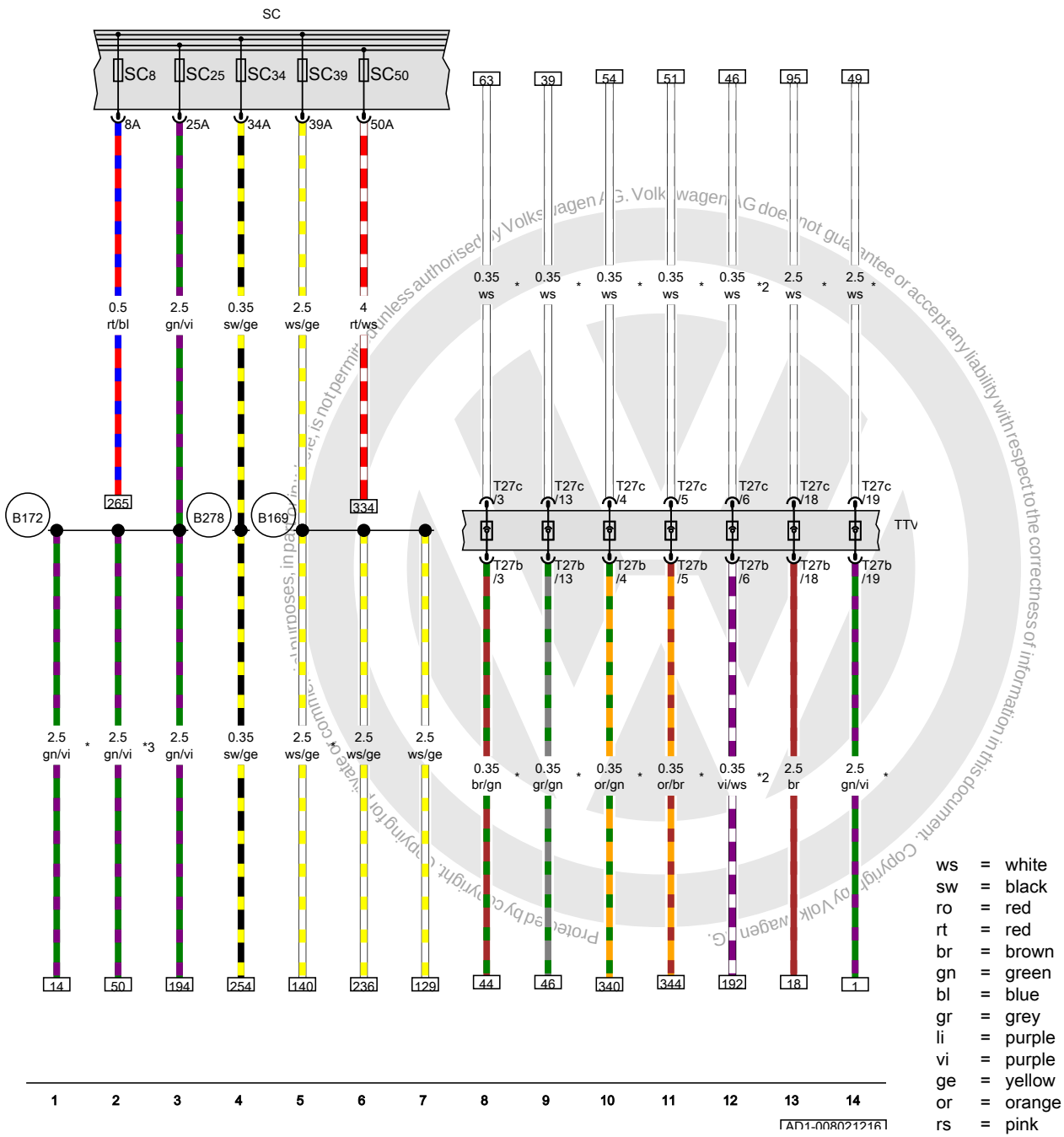
G570	Driver side crash sensor for pedestrian protection
G571	Front passenger side crash sensor for pedestrian protection
G693	Centre crash sensor for pedestrian protection
T2qe	2-pin connector, black
T2qf	2-pin connector, black
T2qg	2-pin connector, black
T14v	14-pin connector, black
T14x	14-pin connector, black
TML	Coupling point in engine compartment, left

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Convenience system , (L0L)

From January 2016

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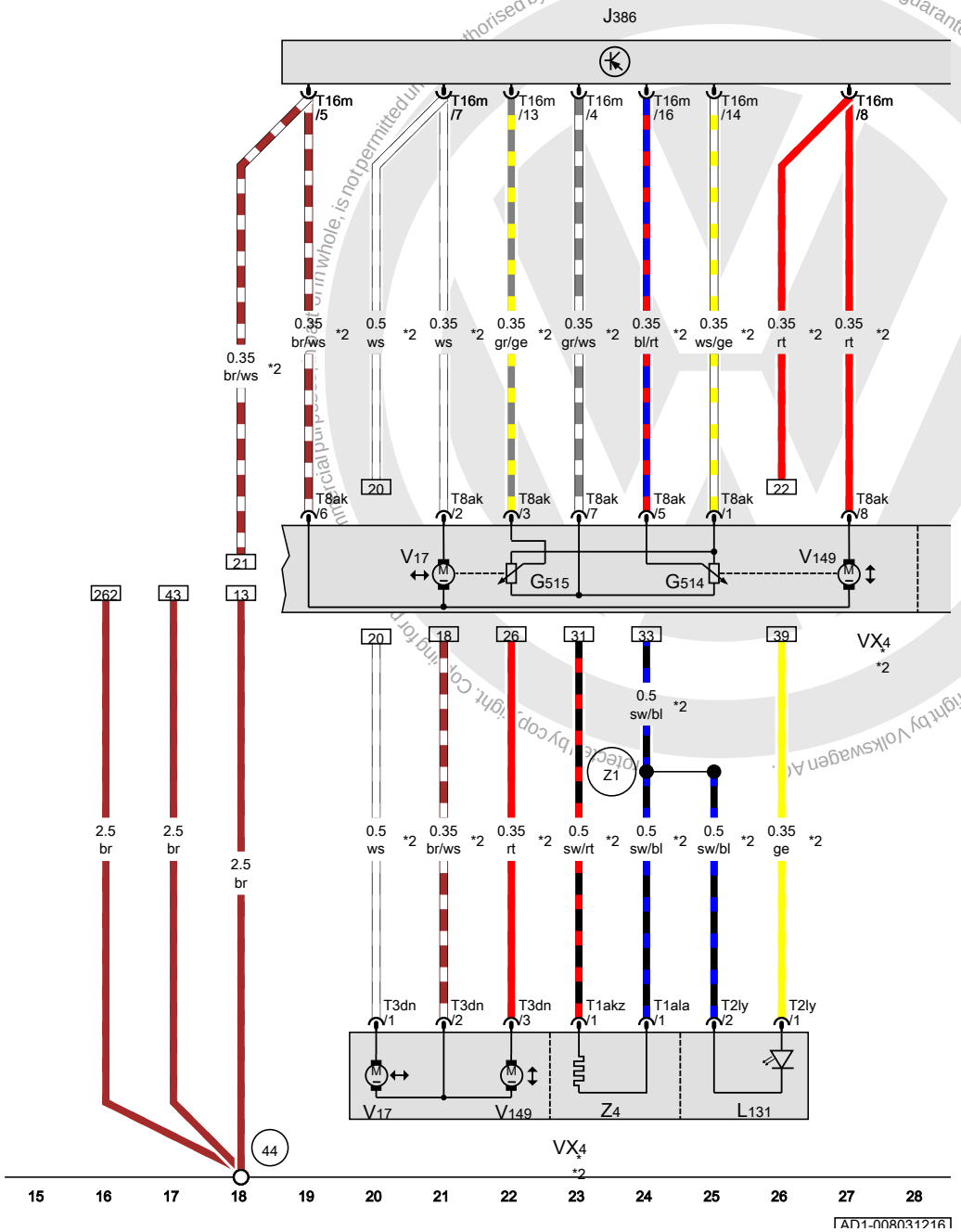


Fuse holder C

SC	Fuse holder C
SC8	Fuse 8 on fuse holder C
SC25	Fuse 25 on fuse holder C
SC34	Fuse 34 on fuse holder C
SC39	Fuse 39 on fuse holder C
SC50	Fuse 50 on fuse holder C
T27b	27-pin connector, black
T27c	27-pin connector, black
TTVL	Coupling point for front left door
B169	Positive connection 1 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Only models with no overhead view camera
*2	Only models with no ambient lighting
*3	Only models with ambient lighting, version 1

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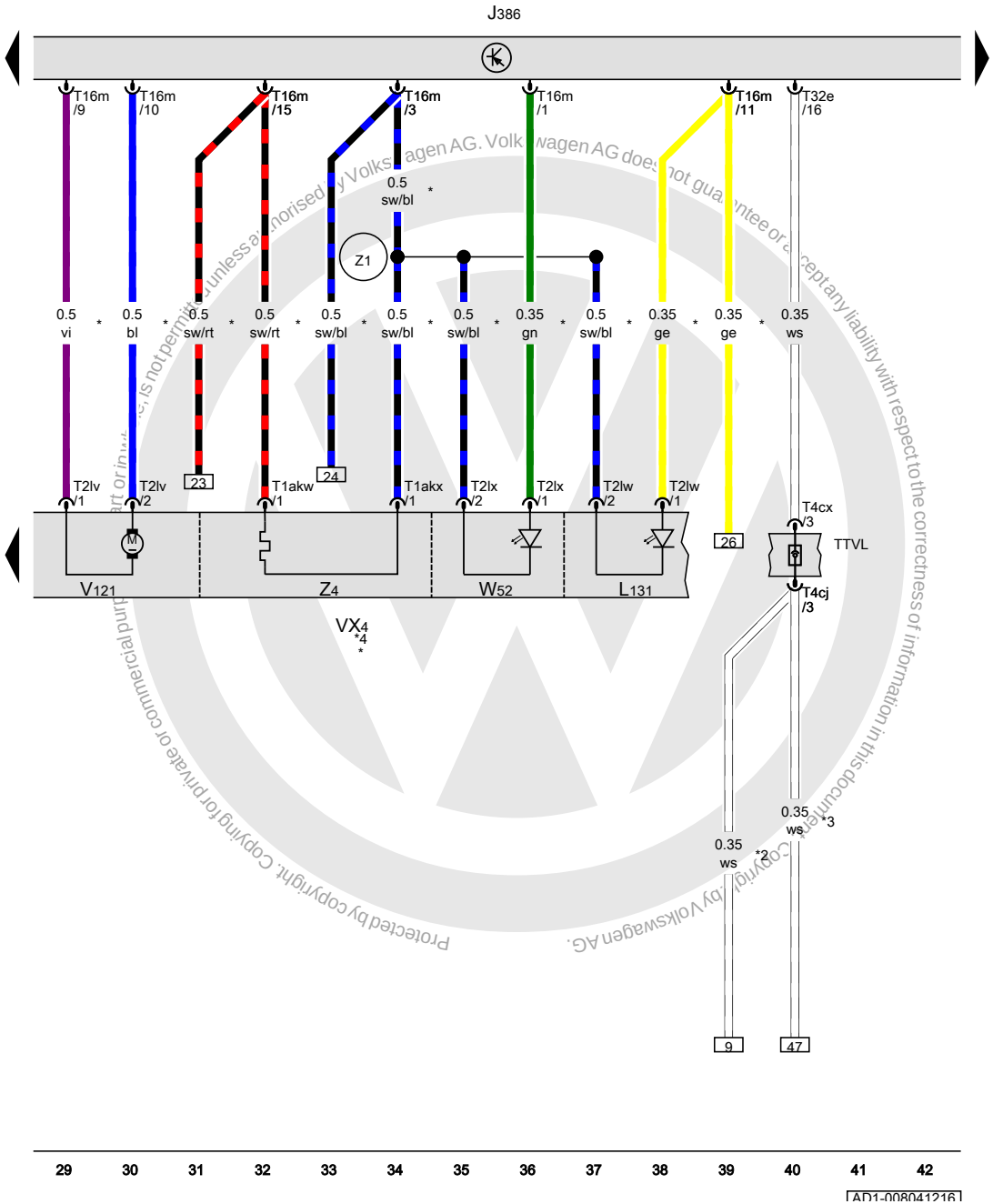


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Potentiometer for horizontal adjustment of driver side mirror, Potentiometer for vertical adjustment of driver side mirror, Driver door control unit, Driver side turn signal repeater bulb, Driver side exterior mirror, Heated exterior mirror on driver side

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
T1akz	1-pin connector, Terminal
T1ala	1-pin connector, Terminal
T2ly	2-pin connector, black
T3dn	3-pin connector, black
T8ak	8-pin connector, black
T16m	16-pin connector, black
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V149	Driver side mirror adjustment motor
Z4	Heated exterior mirror on driver side
44	Earth point, lower part of left A-pillar
Z1	Connection 1, in mirror adjustment/heating wiring harness
*	Pre-wired component
*2	According to equipment

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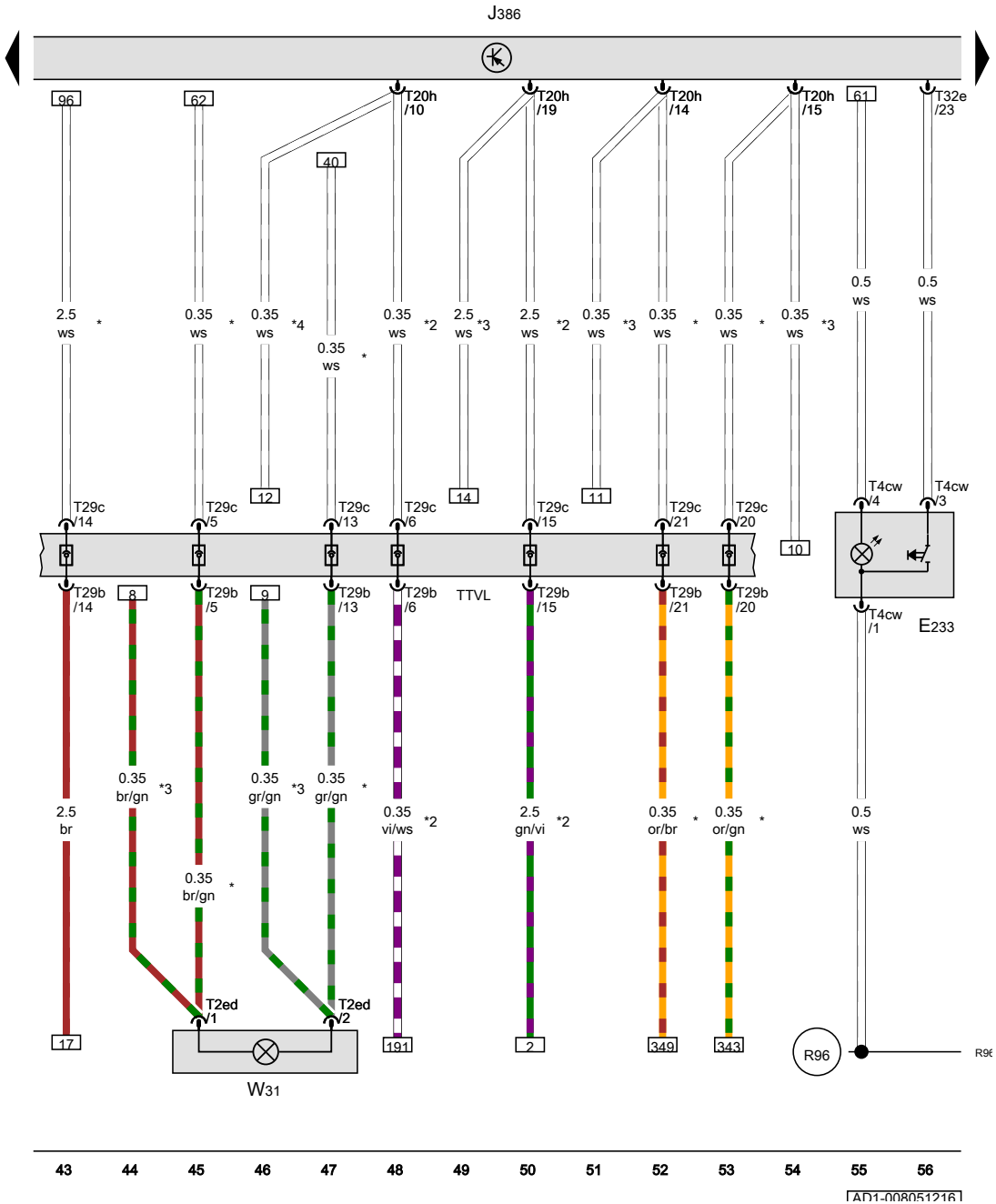


Driver door control unit, Driver side turn signal repeater bulb, Driver side exterior mirror, Driver side fold-in mirror motor, Entry light in exterior mirror, driver side, Heated exterior mirror on driver side

J386	Driver door control unit
L131	Driver side turn signal repeater bulb
T1akw	1-pin connector, Terminal
T1akx	1-pin connector, Terminal
T2lv	2-pin connector, black
T2lw	2-pin connector, black
T2lx	2-pin connector, black
T4cj	4-pin connector, black
T4cx	4-pin connector, black
T16m	16-pin connector, black
T32e	32-pin connector, blue
TTVL	Coupling point for front left door
VX4	Driver side exterior mirror
V121	Driver side fold-in mirror motor
W52	Entry light in exterior mirror, driver side
Z4	Heated exterior mirror on driver side
Z1	Connection 1, in mirror adjustment/heating wiring harness
*	According to equipment
*2	Only models with no overhead view camera
*3	Only models with overhead view camera
*4	Pre-wired component

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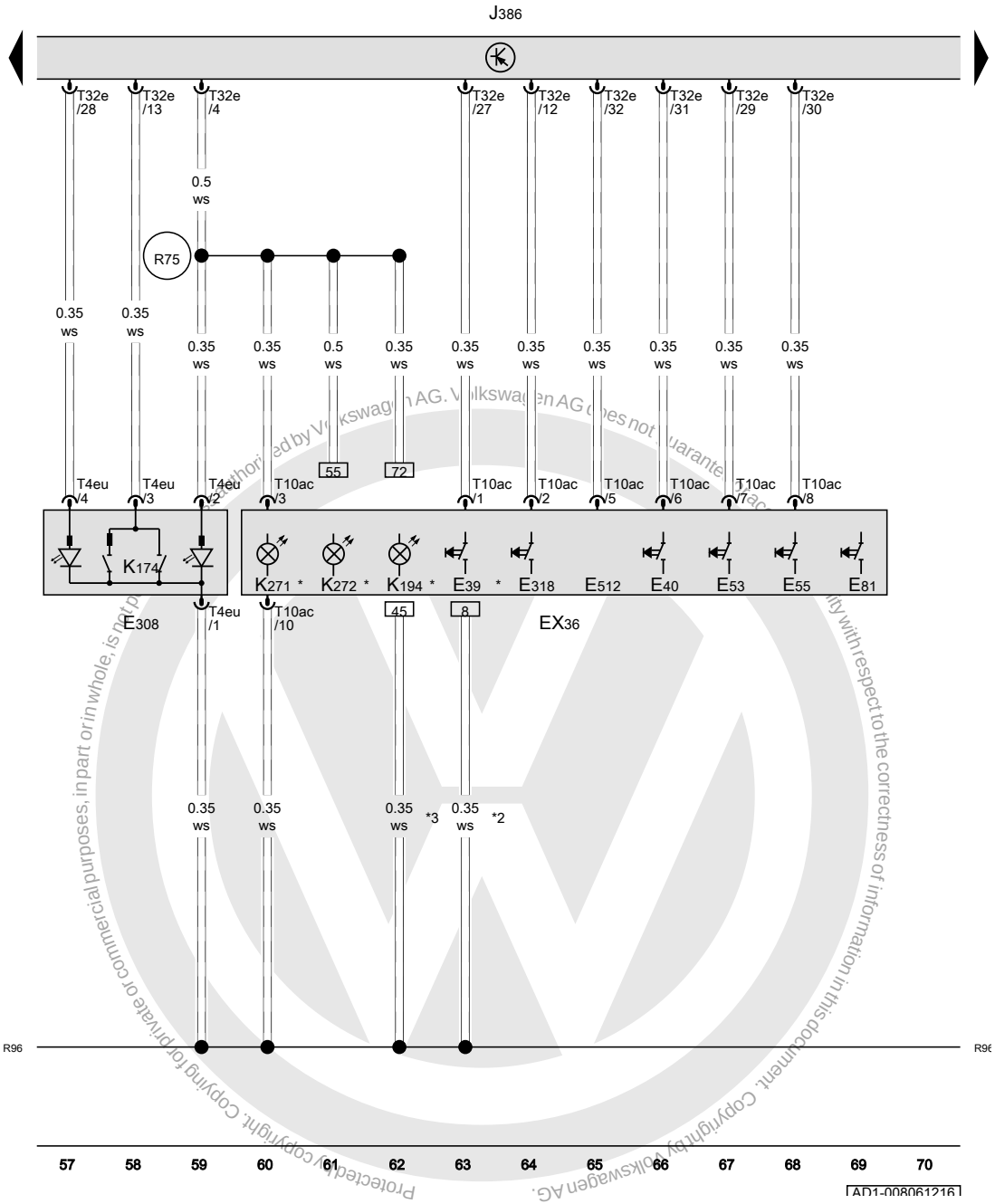


Rear lid remote release button, Driver door control unit, Front left entry light

E233	Rear lid remote release button
J386	Driver door control unit
T2ed	2-pin connector, black
T4cw	4-pin connector, black
T20h	20-pin connector, black
T29b	29-pin connector, white
T29c	29-pin connector, white
T32e	32-pin connector, blue
TTVL	Coupling point for front left door
W31	Front left entry light
R96	Connection 3 in driver side door wiring harness
*	Only models with overhead view camera
*2	Only models with ambient lighting, version 1
*3	Only models with no overhead view camera
*4	Only models with no ambient lighting

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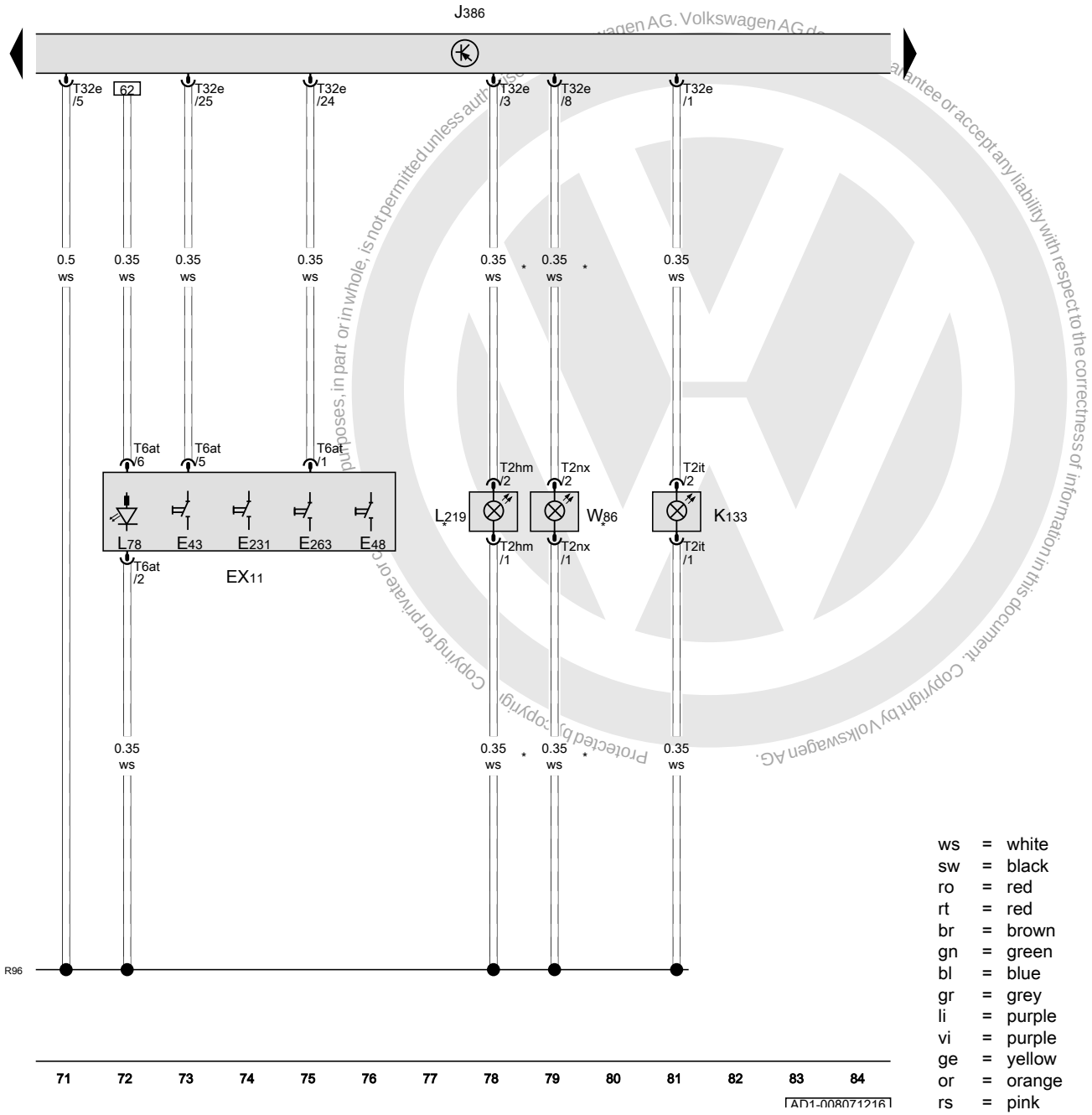


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Operating unit for window regulator in driver door, Rear window regulator isolation switch, Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Driver side interior locking button for central locking system, Childproof lock button, Operating unit for window regulator in driver door, Driver door control unit, Driver side interior locking warning lamp, Window regulator lock warning lamp, Warning lamp for activated left childproof lock, Warning lamp for activated right childproof lock

EX36	Operating unit for window regulator in driver door
E39	Rear window regulator isolation switch
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
E308	Driver side interior locking button for central locking system
E318	Childproof lock button
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
K174	Driver side interior locking warning lamp
K194	Window regulator lock warning lamp
K271	Warning lamp for activated left childproof lock
K272	Warning lamp for activated right childproof lock
T4eu	4-pin connector, blue
T10ac	10-pin connector, black
T32e	32-pin connector, blue
R75	Connection 1 (58d), in door control unit wiring harness
R96	Connection 3 in driver side door wiring harness
*	According to equipment
*2	Only models with no overhead view camera
*3	Only models with overhead view camera

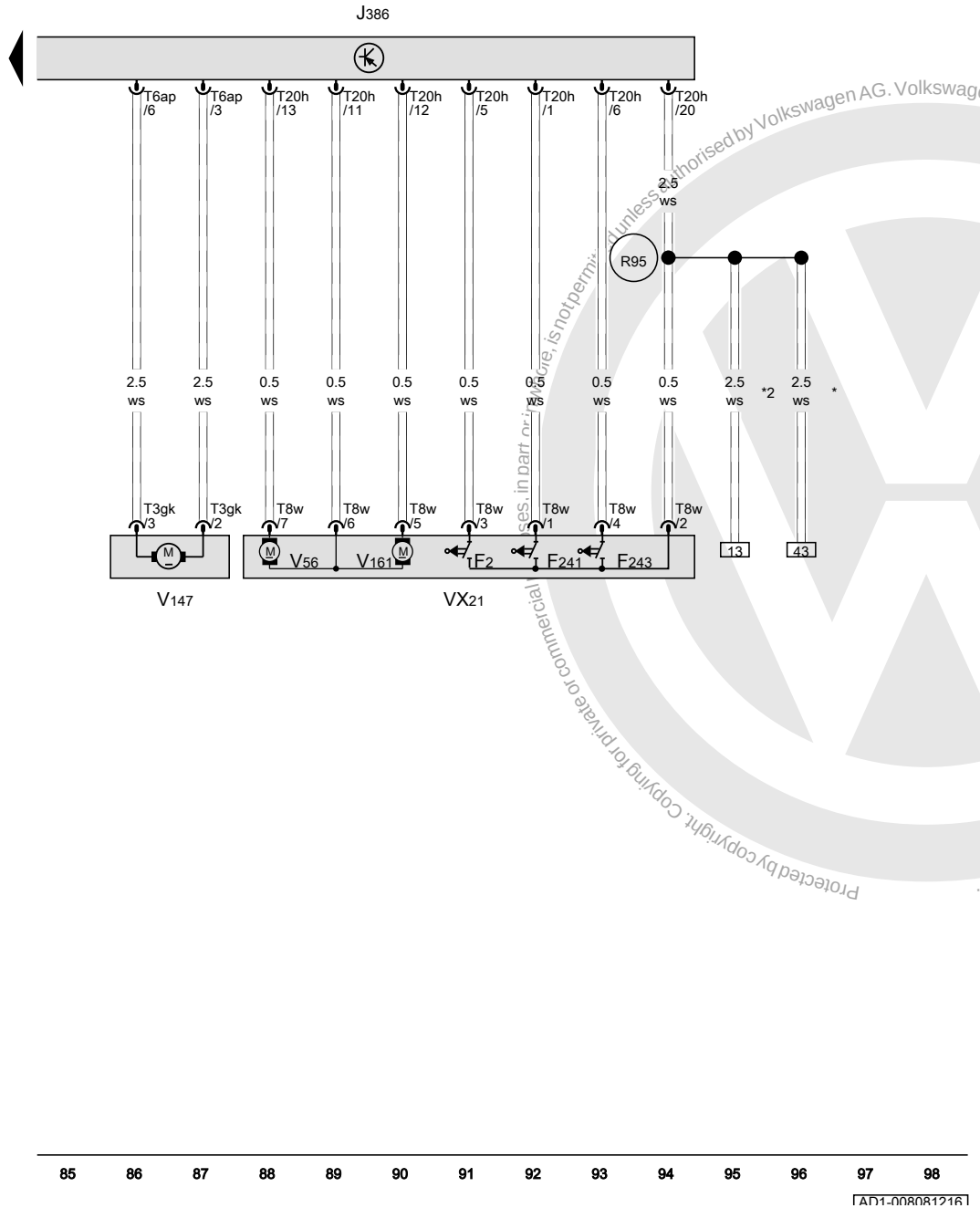


Exterior mirror adjuster, Mirror adjustment switch, Mirror adjustment changeover switch, Exterior mirror heater button, Fold-in mirror switch, Driver door control unit, Central locking SAFELOCK function warning lamp, Mirror adjustment switch illumination bulb, Light for driver side interior door handle illumination, Light for driver door ambient lighting

EX11	Exterior mirror adjuster
E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E231	Exterior mirror heater button
E263	Fold-in mirror switch
J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L78	Mirror adjustment switch illumination bulb
L219	Light for driver side interior door handle illumination
T2hm	2-pin connector, green
T2it	2-pin connector, black
T2nx	2-pin connector, black
T6at	6-pin connector, brown
T32e	32-pin connector, blue
W86	Light for driver door ambient lighting
R96	Connection 3 in driver side door wiring harness
*	Only models with ambient lighting, version 1

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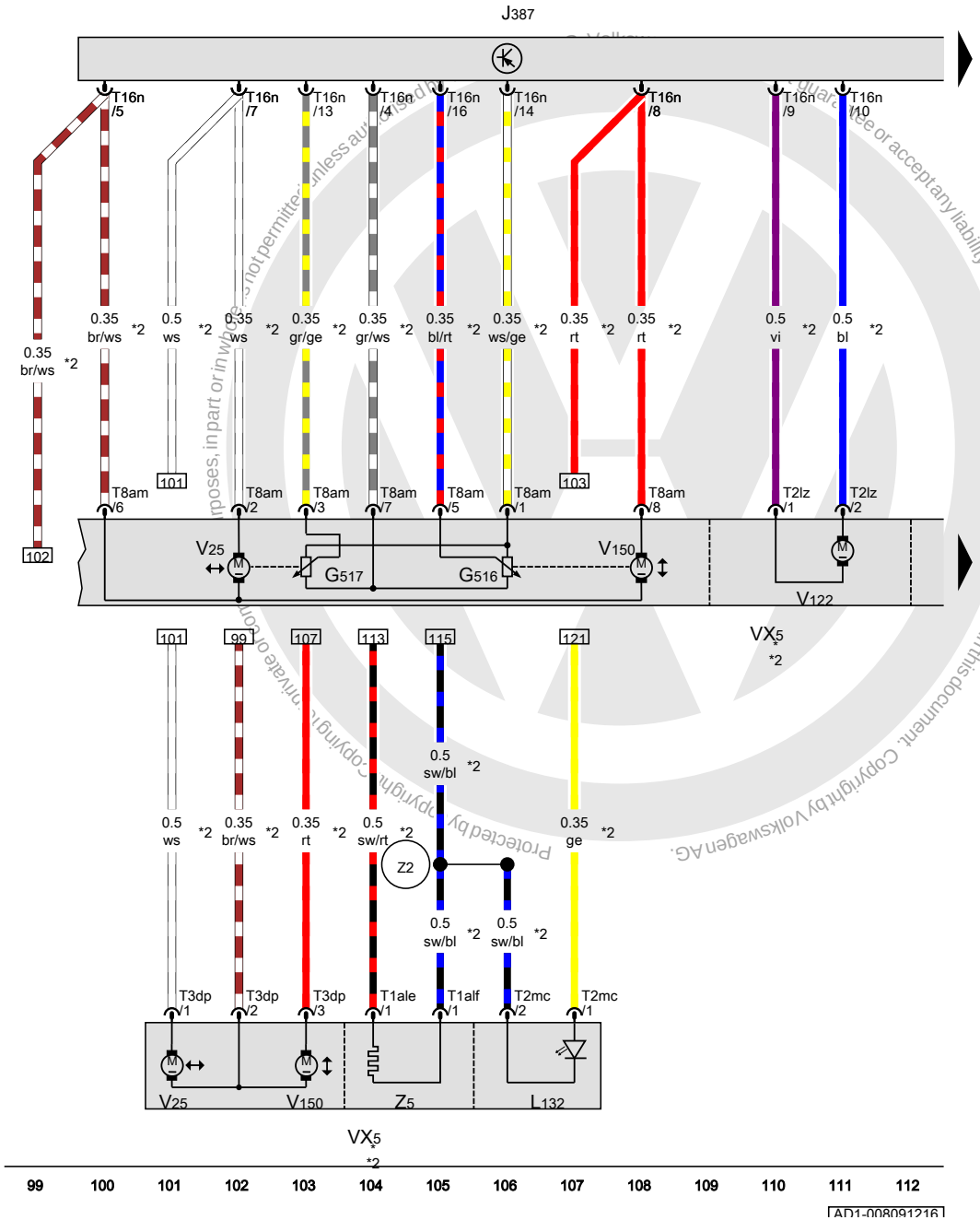


Driver door contact switch, Driver side contact switch in lock cylinder, Driver door central locking actuator for SAFELOCK function, Driver door control unit, Driver door lock unit, Driver door central locking motor, Driver side window regulator motor, Driver door central locking SAFELOCK function motor

F2	Driver door contact switch
F241	Driver side contact switch in lock cylinder
F243	Driver door central locking actuator for SAFELOCK function
J386	Driver door control unit
T3gk	3-pin connector, blue
T6ap	6-pin connector, black
T8w	8-pin connector, black
T20h	20-pin connector, black
VX21	Driver door lock unit
V56	Driver door central locking motor
V147	Driver side window regulator motor
V161	Driver door central locking SAFELOCK function motor
R95	Connection 2 in driver side door wiring harness
*	Only models with overhead view camera
*2	Only models with no overhead view camera

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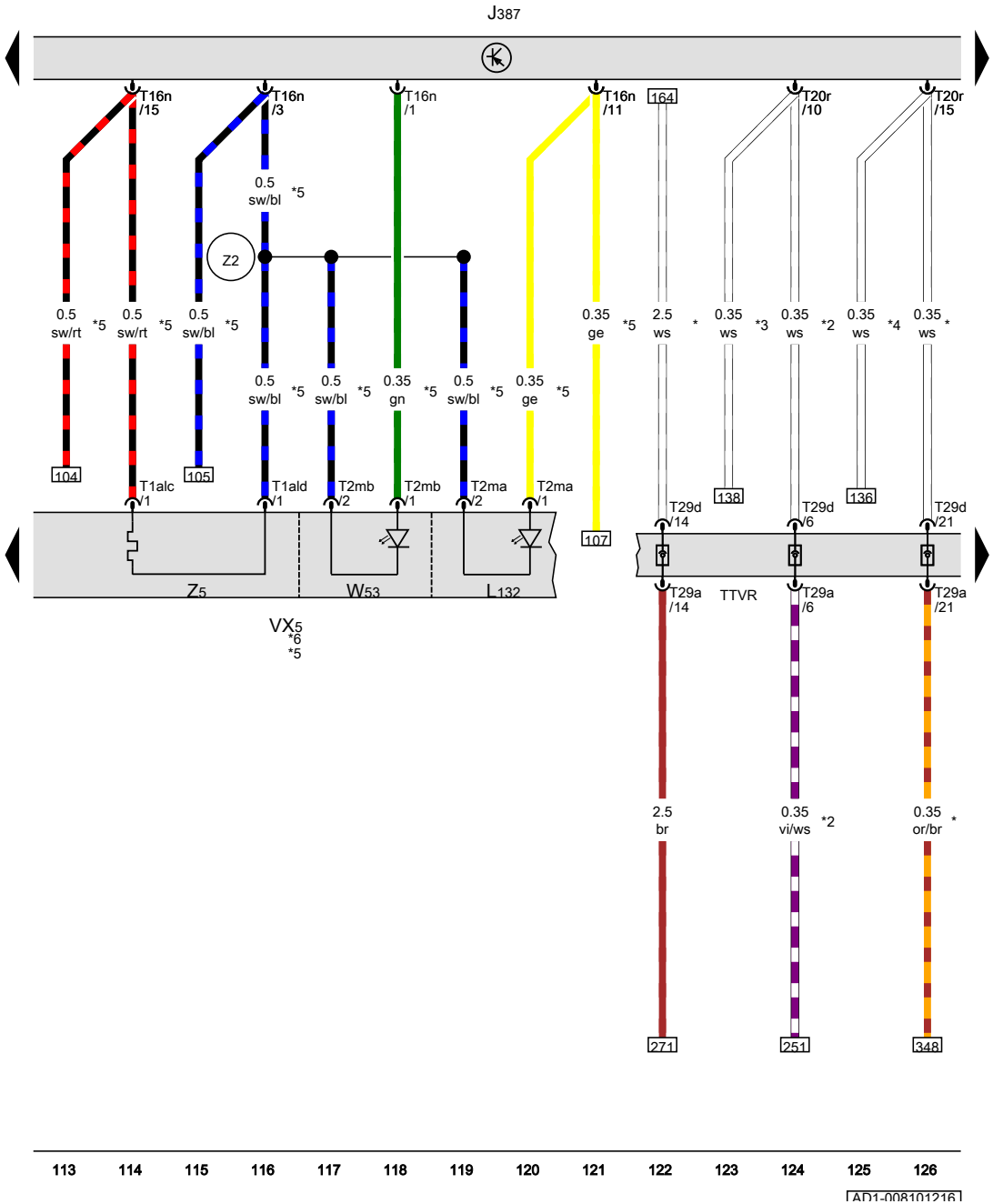


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Potentiometer for horizontal adjustment of front passenger side mirror, Potentiometer for vertical adjustment of front passenger side mirror, Front passenger door control unit, Front passenger side turn signal repeater bulb, Passenger side exterior mirror, Front passenger side fold-in mirror motor, Heated exterior mirror on passenger side

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
T1ale	1-pin connector, Terminal
T1alf	1-pin connector, Terminal
T2lz	2-pin connector, black
T2mc	2-pin connector, black
T3dp	3-pin connector, black
T8am	8-pin connector, black
T16n	16-pin connector, black
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Z5	Heated exterior mirror on passenger side
Z2	Connection 2, in mirror adjustment/heating wiring harness
*	Pre-wired component
*2	According to equipment

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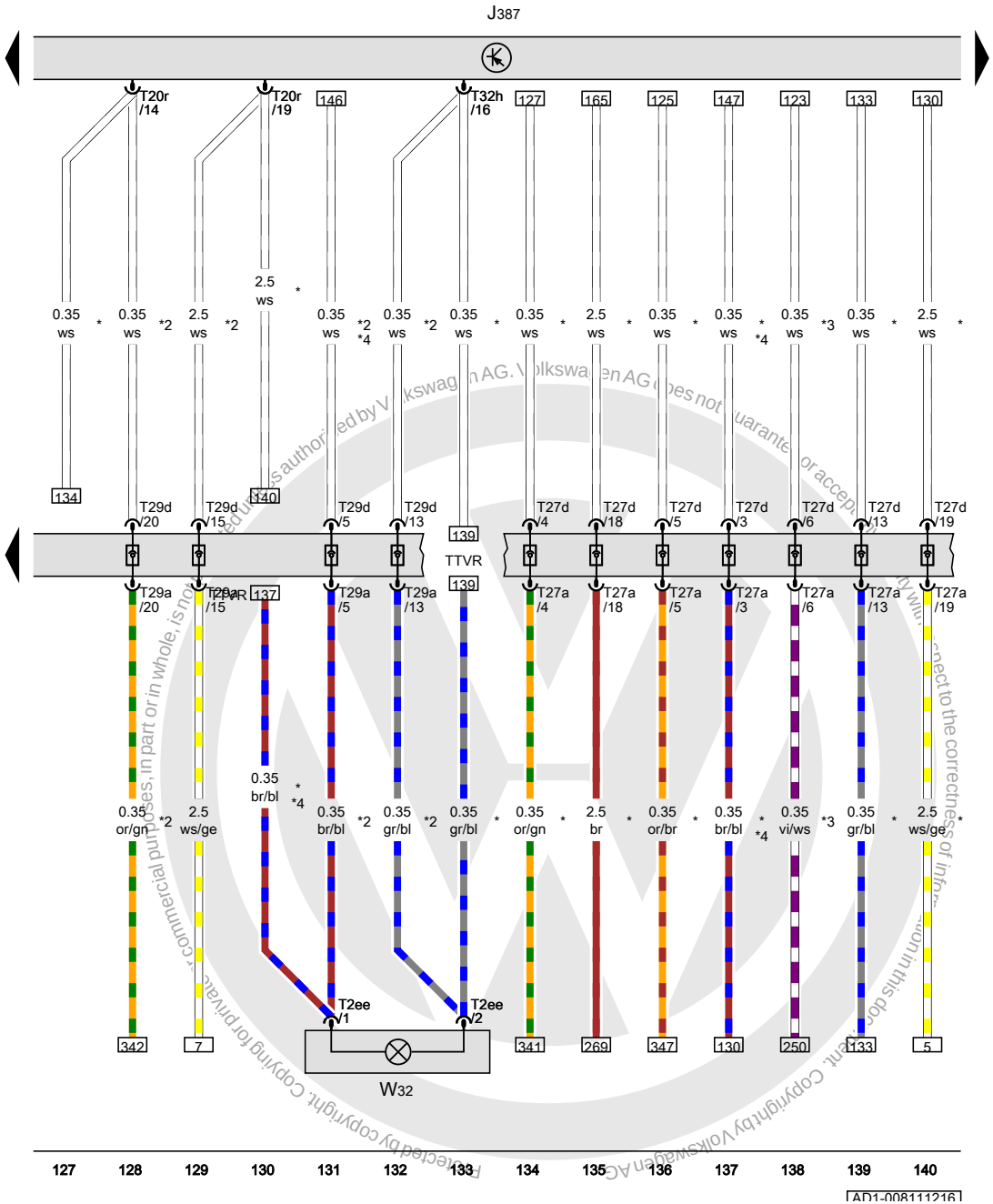


Front passenger door control unit, Front passenger side turn signal repeater bulb, Passenger side exterior mirror, Entry light in exterior mirror, passenger side, Heated exterior mirror on passenger side

J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T1alc	1-pin connector, Terminal
T1ald	1-pin connector, Terminal
T2ma	2-pin connector, black
T2mb	2-pin connector, black
T16n	16-pin connector, black
T20r	20-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
TTVR	Coupling point for front right door
VX5	Passenger side exterior mirror
W53	Entry light in exterior mirror, passenger side
Z5	Heated exterior mirror on passenger side
Z2	Connection 2, in mirror adjustment/heating wiring harness
*	Only models with overhead view camera
*2	Only models with ambient lighting, version 1
*3	Only models with no ambient lighting
*4	Only models with no overhead view camera
*5	According to equipment
*6	Pre-wired component

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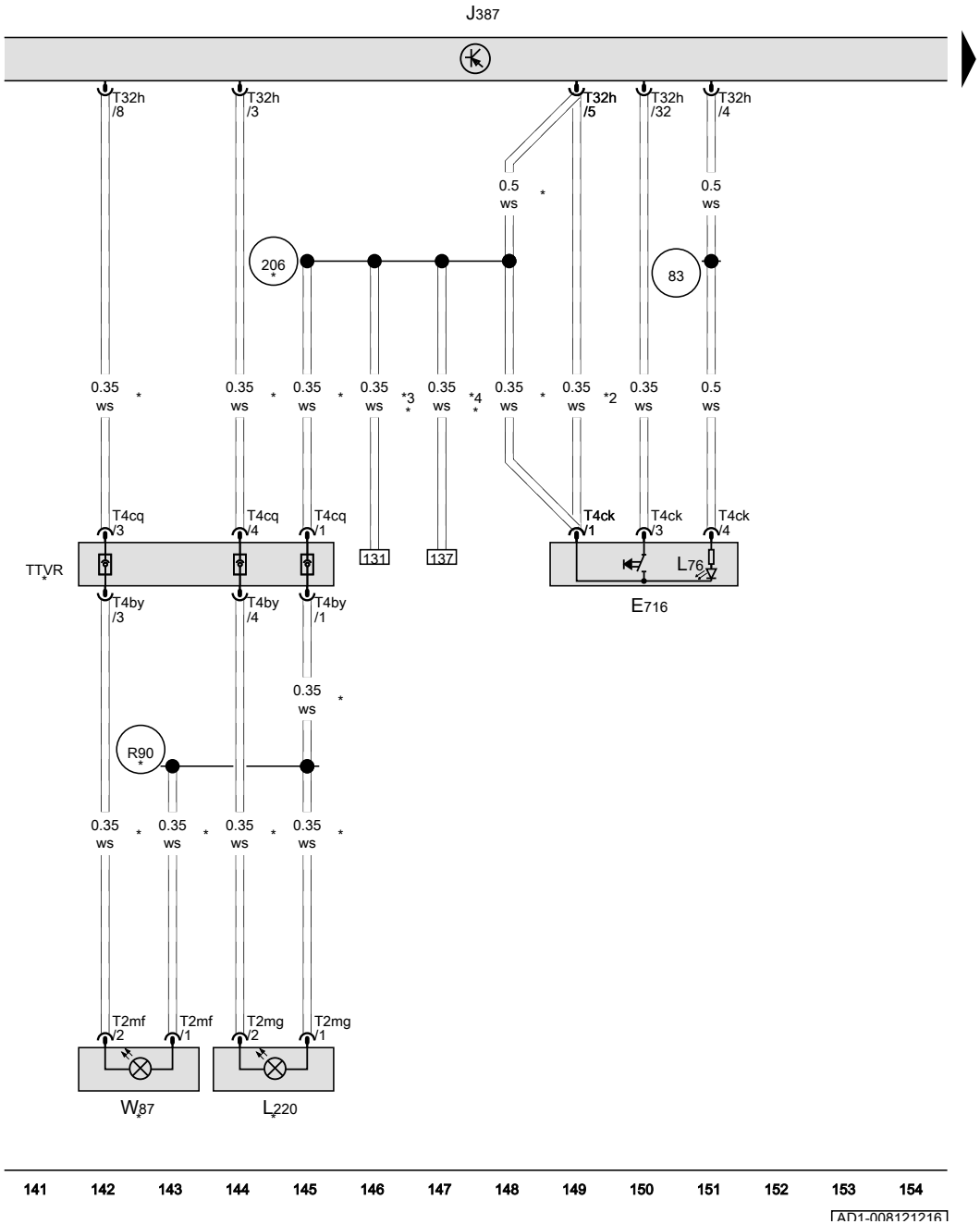


Front passenger door control unit, Front right entry light

J387	Front passenger door control unit
T2ee	2-pin connector, black
T20r	20-pin connector, black
T27a	27-pin connector, black
T27d	27-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
T32h	32-pin connector, blue
TTVR	Coupling point for front right door
W32	Front right entry light
*	Only models with no overhead view camera
*2	Only models with overhead view camera
*3	Only models with no ambient lighting
*4	Only models with ambient lighting, version 1

ws	=	white
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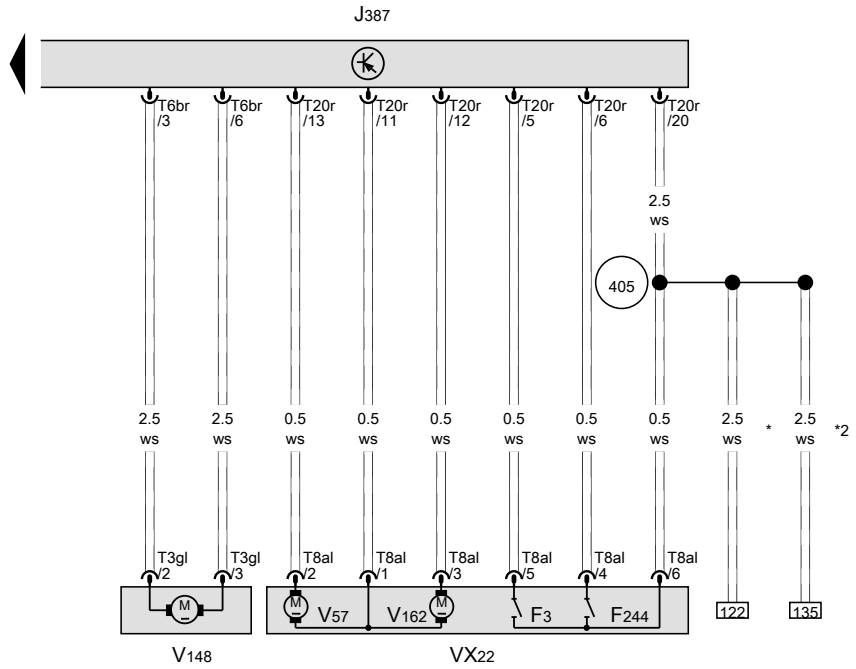


Front passenger side window regulator button, Front passenger door control unit, Button illumination bulb, Light for passenger side interior door handle illumination, Light for passenger door ambient lighting

E716	Front passenger side window regulator button
J387	Front passenger door control unit
L76	Button illumination bulb
L220	Light for passenger side interior door handle illumination
T2mf	2-pin connector, black
T2mg	2-pin connector, black
T4by	4-pin connector, black
T4ck	4-pin connector, black
T4cq	4-pin connector, black
T32h	32-pin connector, blue
TTVR	Coupling point for front right door
W87	Light for passenger door ambient lighting
83	Earth connection 1, in front right wiring harness
206	Earth connection, in front passenger door wiring harness
R90	Connection 1, in rear right door wiring harness
*	Only models with ambient lighting, version 1
*2	Only models with no ambient lighting
*3	Only models with overhead view camera
*4	Only models with no overhead view camera

ws	=	white
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 door contact switch, Front passenger door central locking actuator for SAFELOCK function, Front passenger door control unit, Front passenger door lock unit, Front passenger door central locking motor, Front passenger side window regulator motor, Front passenger door central locking SAFELOCK function motor

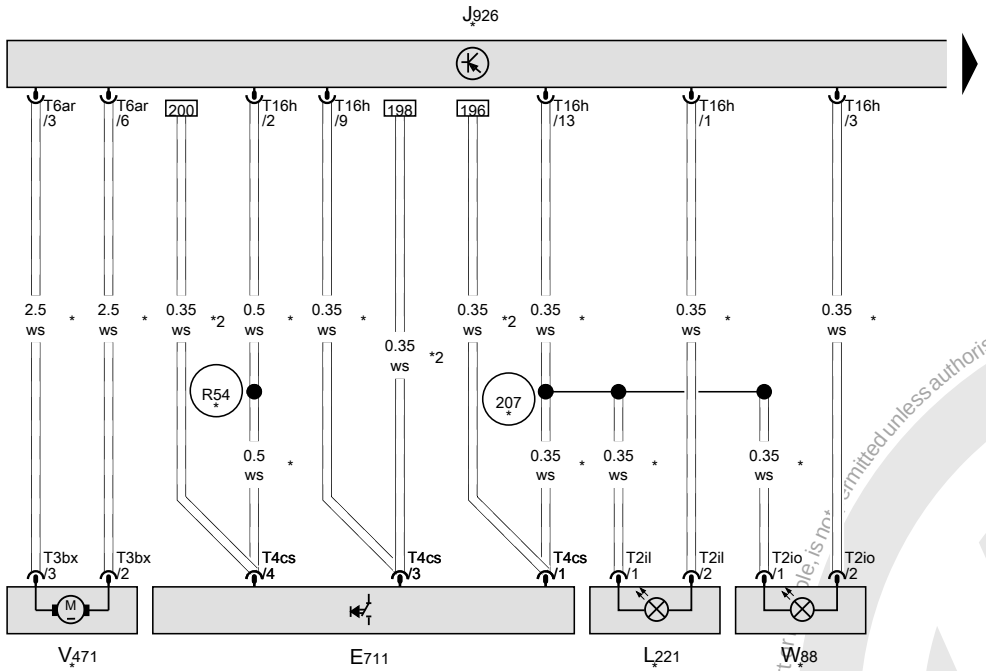
F3	Front passenger door contact switch
F244	Front passenger door central locking actuator for SAFELOCK function
J387	Front passenger door control unit
T3gl	3-pin connector, blue
T6br	6-pin connector, black
T8al	8-pin connector, black
T20r	20-pin connector, black
VX22	Front passenger door lock unit
V57	Front passenger door central locking motor
V148	Front passenger side window regulator motor
V162	Front passenger door central locking SAFELOCK function motor
405	Earth connection 4, in front passenger side door wiring harness
*	Only models with overhead view camera
*2	Only models with no overhead view camera

ws	=	white
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gn	=	green
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rs	=	pink

155 156 157 158 159 160 161 162 163 164 165 166 167 168

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Rear driver side window regulator button, Rear driver side door control unit, Light for rear driver side interior door handle illumination, Rear driver side window regulator motor, Light for rear door ambient lighting, driver side

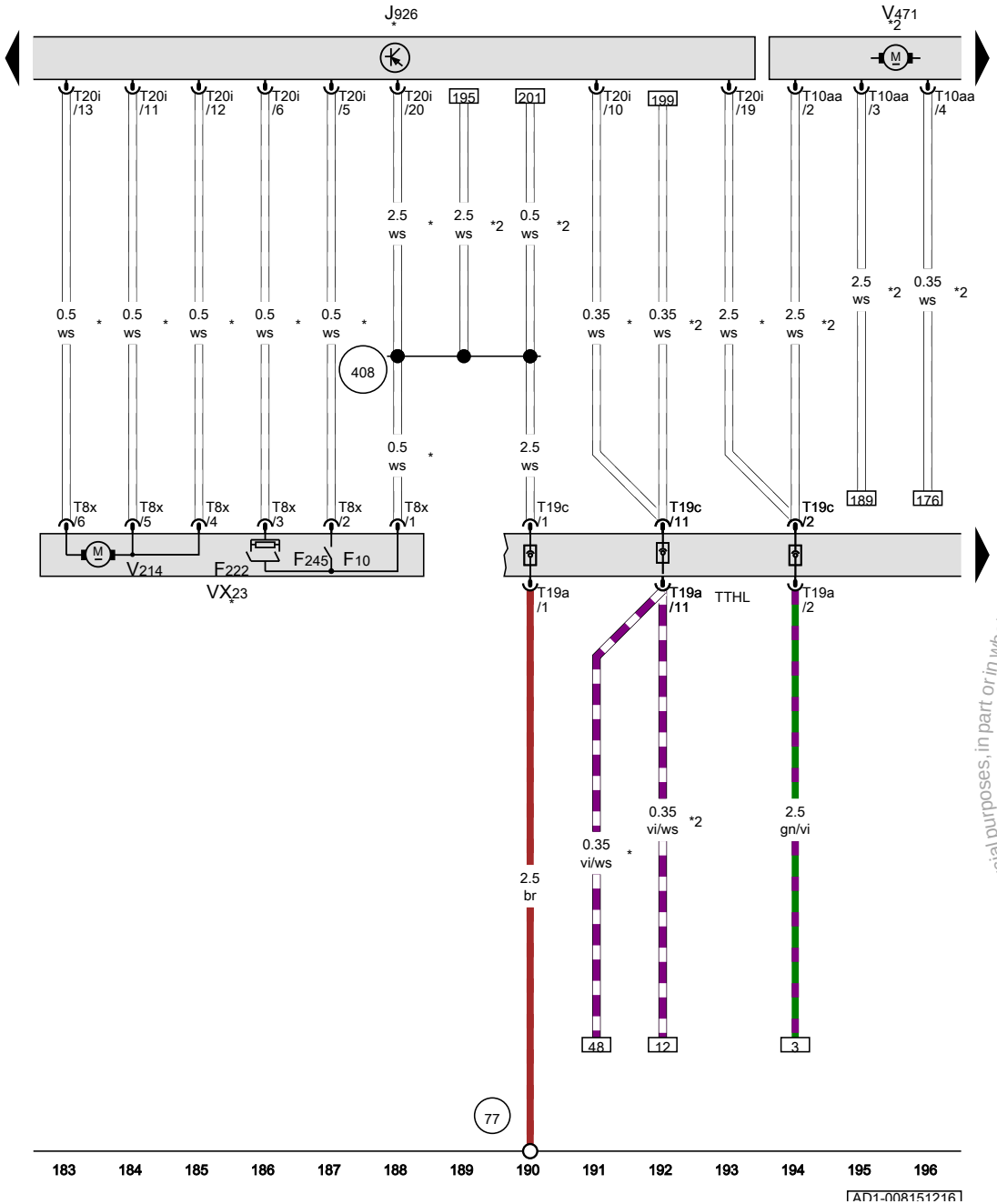
E711	Rear driver side window regulator button
J926	Rear driver side door control unit
L221	Light for rear driver side interior door handle illumination
T2il	2-pin connector, green
T2io	2-pin connector, black
T3bx	3-pin connector, brown
T4cs	4-pin connector, black
T6ar	6-pin connector, black
T16h	16-pin connector, black
V471	Rear driver side window regulator motor
W88	Light for rear door ambient lighting, driver side
207	Earth connection, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness
*	Only models with ambient lighting, version 1
*2	Only models with no ambient lighting

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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gn	=	green
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or	=	orange
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169 170 171 172 173 174 175 176 177 178 179 180 181 182

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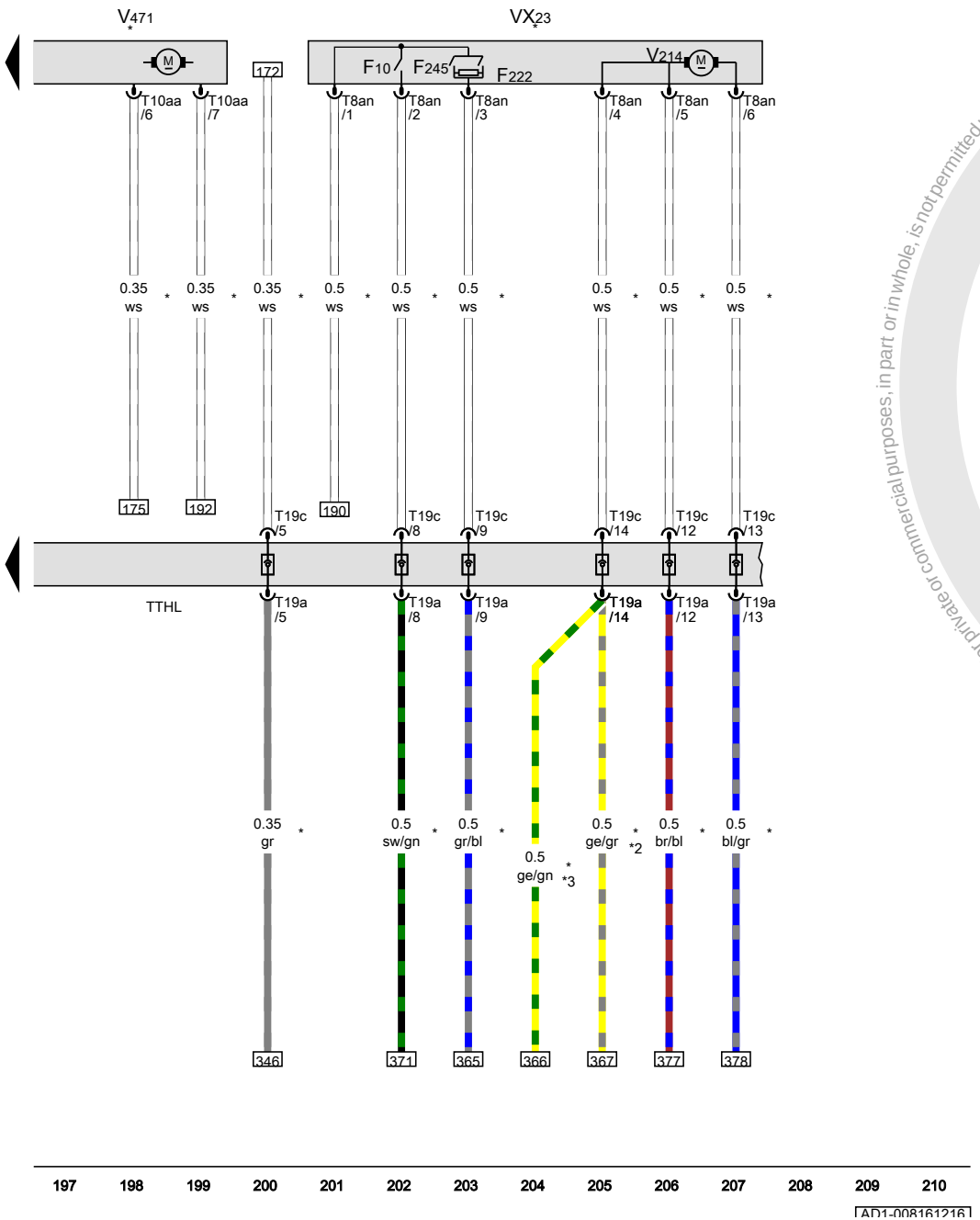


Rear left door contact switch, Rear left central locking lock unit, Rear left door central locking actuator for SAFELOCK function, Rear driver side door control unit, Rear left door lock unit, Rear left door central locking motor, lock, Rear driver side window regulator motor

F10	Rear left door contact switch
F222	Rear left central locking lock unit
F245	Rear left door central locking actuator for SAFELOCK function
J926	Rear driver side door control unit
T8x	8-pin connector, black
T10aa	10-pin connector, black
T19a	19-pin connector, black
T19c	19-pin connector, black
T20i	20-pin connector, black
TTHL	Coupling point for rear left door
VX23	Rear left door lock unit
V214	Rear left door central locking motor, lock
V471	Rear driver side window regulator motor
77	Earth point, lower part of left B-pillar
408	Earth connection 3, in rear left door wiring harness
*	Only models with ambient lighting, version 1
*2	Only models with no ambient lighting

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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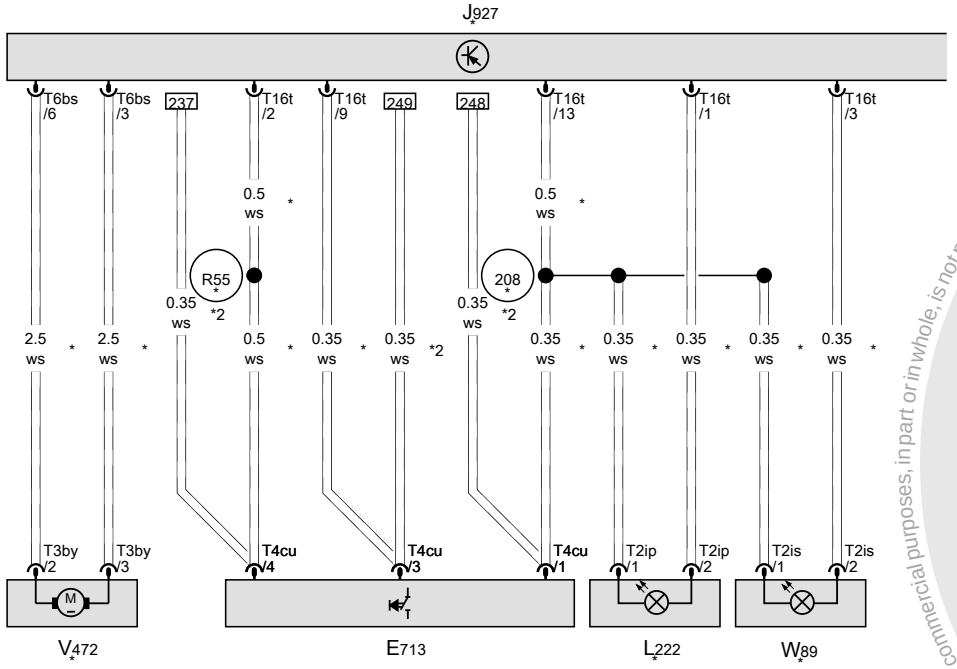


Rear left door contact switch, Rear left central locking lock unit, Rear left door central locking actuator for SAFELOCK function, Rear left door lock unit, Rear left door central locking motor, lock, Rear driver side window regulator motor

F10	Rear left door contact switch
F222	Rear left central locking lock unit
F245	Rear left door central locking actuator for SAFELOCK function
T8an	8-pin connector, black
T10aa	10-pin connector, black
T19a	19-pin connector, black
T19c	19-pin connector, black
TTHL	Coupling point for rear left door
VX23	Rear left door lock unit
V214	Rear left door central locking motor, lock
V471	Rear driver side window regulator motor
*	Only models with no ambient lighting
*2	From November 2016
*3	Up to November 2016

ws	=	white
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Rear passenger side window regulator button, Rear passenger side door control unit, Light for rear passenger side interior door handle illumination, Rear passenger side window regulator motor, Light for rear door ambient lighting, passenger side

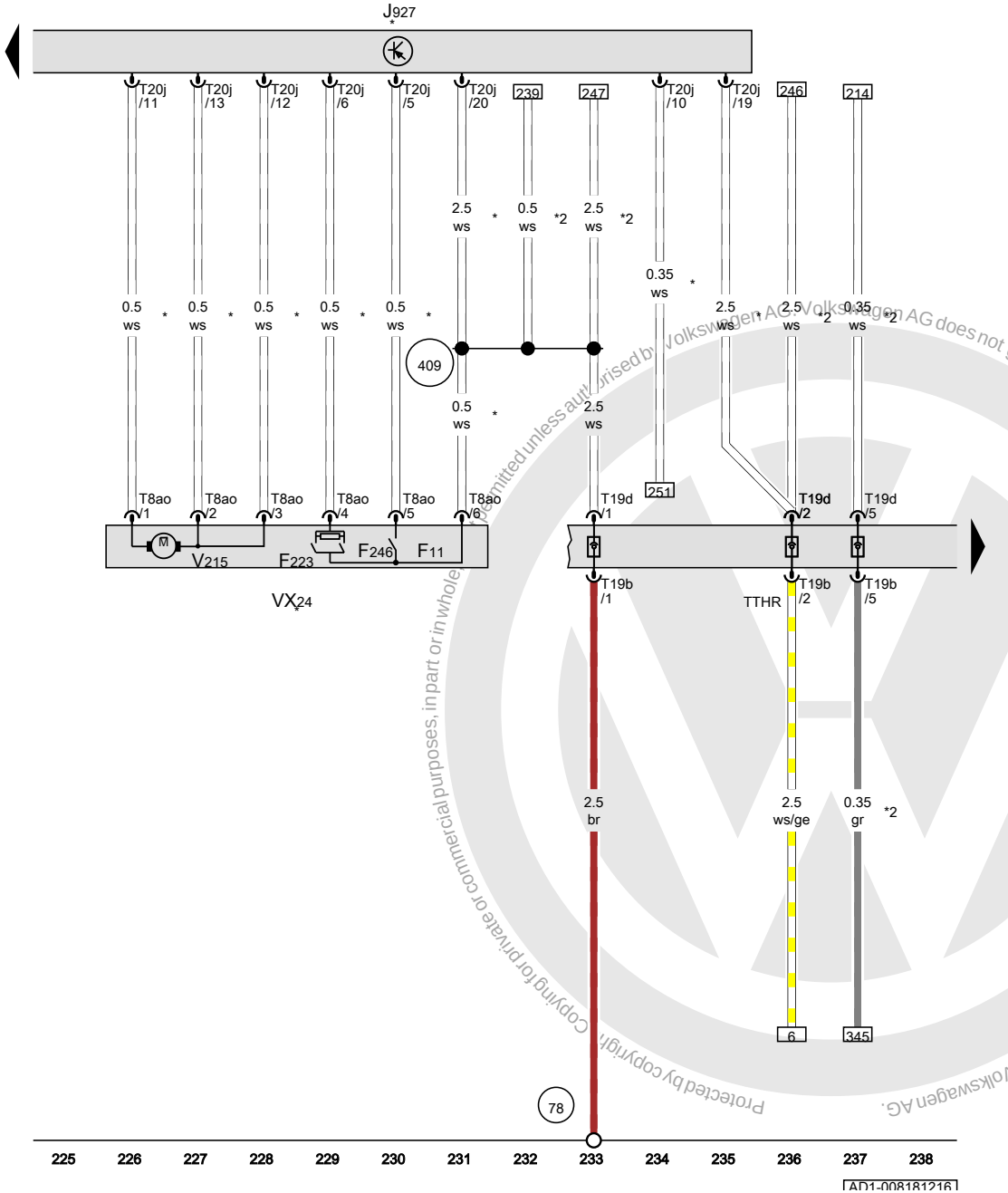
E713	Rear passenger side window regulator button
J927	Rear passenger side door control unit
L222	Light for rear passenger side interior door handle illumination
T2ip	2-pin connector, green
T2is	2-pin connector, black
T3by	3-pin connector, brown
T4cu	4-pin connector, black
T6bs	6-pin connector, black
T16t	16-pin connector, black
V472	Rear passenger side window regulator motor
W89	Light for rear door ambient lighting, passenger side
208	Earth connection, in rear right door wiring harness
R55	Connection (58s), in rear right door wiring harness
*	Only models with ambient lighting, version 1
*2	Only models with no ambient lighting

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rs	=	pink

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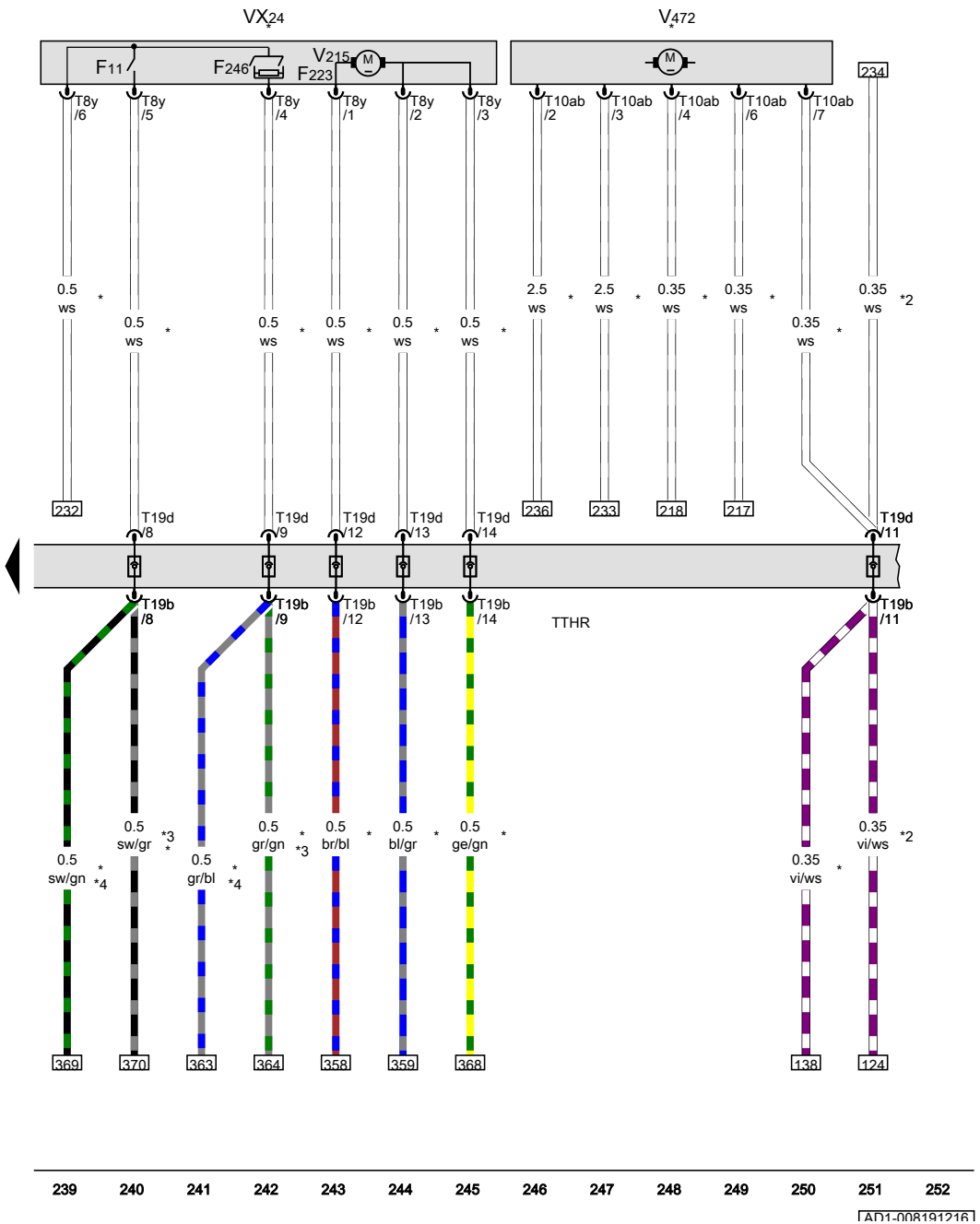


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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Rear right door contact switch, Rear right central locking lock unit, Rear right door central locking actuator for SAFELOCK function, Rear passenger side door control unit, Rear right door lock unit, Rear right door central locking motor, lock

F11	Rear right door contact switch
F223	Rear right central locking lock unit
F246	Rear right door central locking actuator for SAFELOCK function
J927	Rear passenger side door control unit
T8ao	8-pin connector, black
T19b	19-pin connector, black
T19d	19-pin connector, black
T20j	20-pin connector, black
TTHR	Coupling point for rear right door
VX24	Rear right door lock unit
V215	Rear right door central locking motor, lock
78	Earth point, lower part of right B-pillar
409	Earth connection 3, in rear right door wiring harness
*	Only models with ambient lighting, version 1
*2	Only models with no ambient lighting

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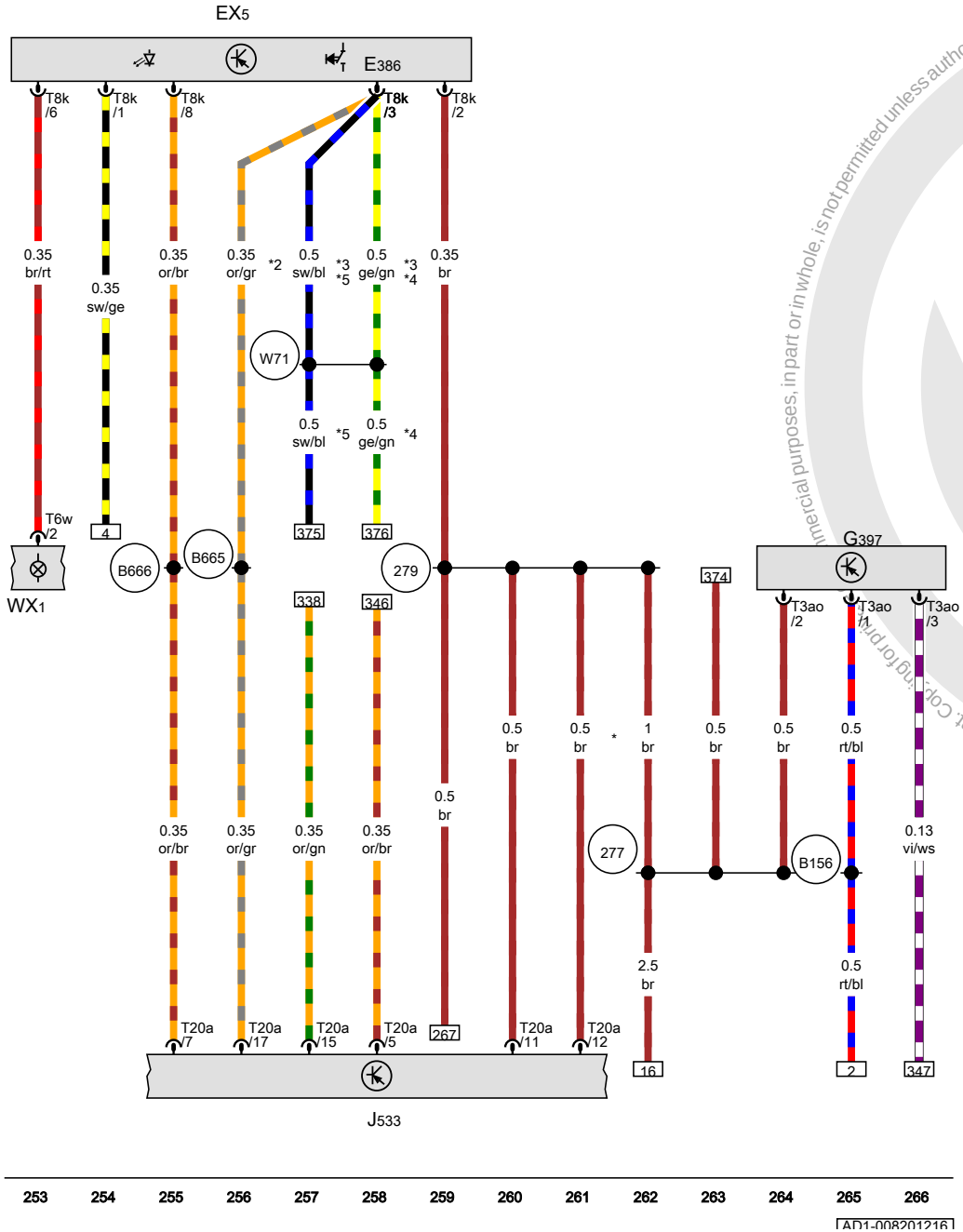


Rear right door contact switch, Rear right central locking lock unit, Rear right door central locking actuator for SAFELOCK function, Rear right door lock unit, Rear right door central locking motor, lock, Rear passenger side window regulator motor

F11	Rear right door contact switch
F223	Rear right central locking lock unit
F246	Rear right door central locking actuator for SAFELOCK function
T8y	8-pin connector, black
T10ab	10-pin connector, black
T19b	19-pin connector, black
T19d	19-pin connector, black
TTHR	Coupling point for rear right door
VX24	Rear right door lock unit
V215	Rear right door central locking motor, lock
V472	Rear passenger side window regulator motor
*	Only models with no ambient lighting
*2	Only models with ambient lighting, version 1
*3	From November 2016
*4	Up to November 2016

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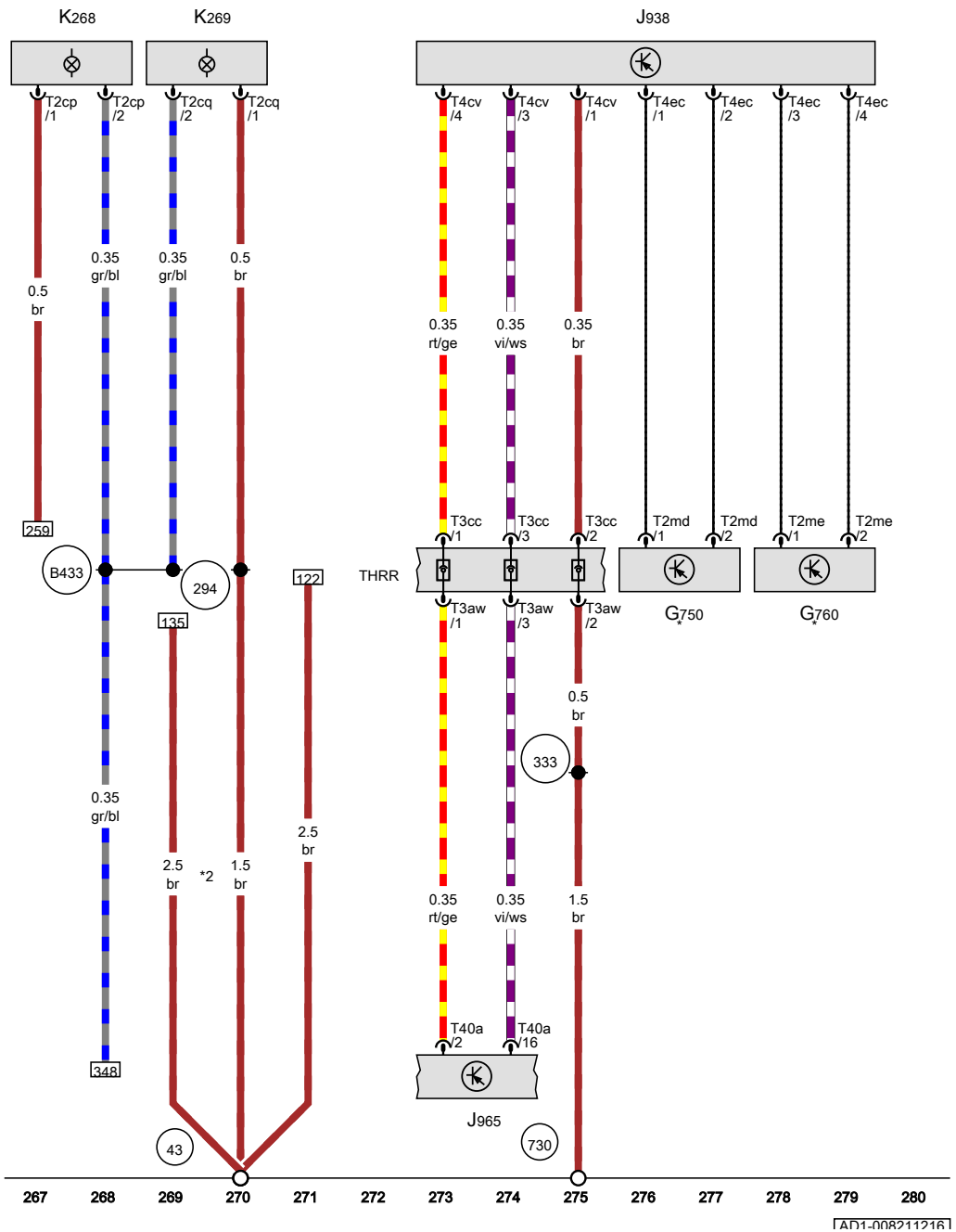


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gn = green
bl = blue
gr = grey
li = purple
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Interior mirror, Anti-dazzle interior mirror button, Rain and light sensor, Data bus diagnostic interface, Front interior light

EX5	Interior mirror
E386	Anti-dazzle interior mirror button
G397	Rain and light sensor
J533	Data bus diagnostic interface
T3ao	3-pin connector, black
T6w	6-pin connector, blue
T8k	8-pin connector, black
T20a	20-pin connector, red
WX1	Front interior light
277	Earth connection 3, in interior wiring harness
279	Earth connection 5, in interior wiring harness
B156	Positive connection (30a), in interior wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
W71	Connection (reversing light), in rear wiring harness
*	According to equipment
*2	Only models with main beam assist
*3	Only models with no main beam assist function
*4	From November 2016
*5	Up to November 2016

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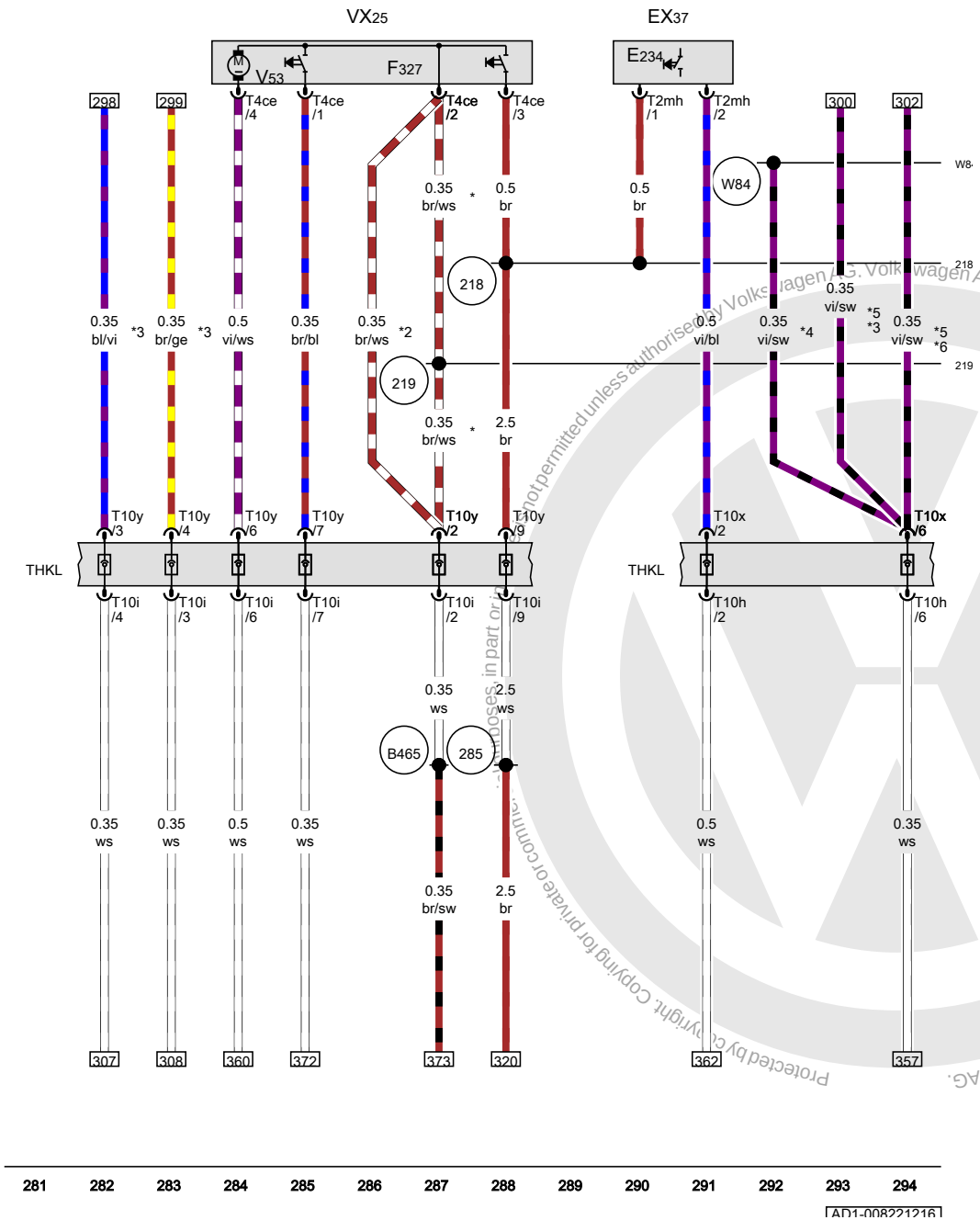


Rear lid power opening sender, Rear lid power opening sender 2, Rear lid power opening control unit, Interface for entry and start system, Front left footwell light, Front right footwell light

G750	Rear lid power opening sender
G760	Rear lid power opening sender 2
J938	Rear lid power opening control unit
J965	Interface for entry and start system
K268	Front left footwell light
K269	Front right footwell light
T2cp	2-pin connector, black
T2cq	2-pin connector, black
T2md	2-pin connector, black
T2me	2-pin connector, black
T3aw	3-pin connector, black
T3cc	3-pin connector, black
T4cv	4-pin connector, black
T4ec	4-pin connector, black
T40a	40-pin connector, black
THRR	Coupling point in luggage compartment, right
43	Earth point, lower part of right A-pillar
294	Earth connection 9, in interior wiring harness
333	Earth connection 5, in rear wiring harness
730	Earth point 1, on right rear wheel housing
B433	Connection (footwell light), in main wiring harness
*	Pre-wired component
*2	Only models with no overhead view camera

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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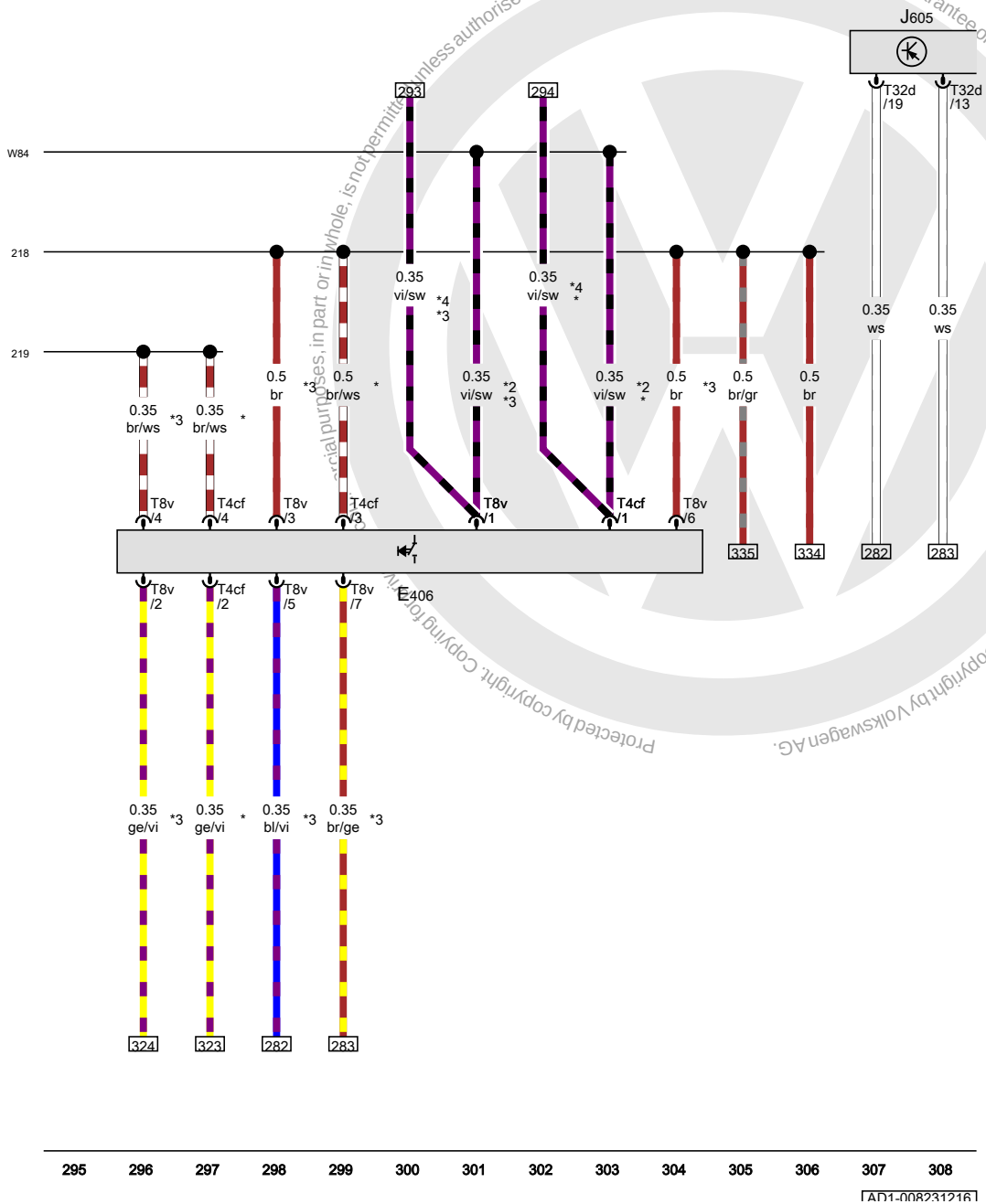


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gn = green
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Rear lid handle, Rear lid handle release button, Central locking rear lid lock unit, Rear lid lock unit, Rear lid central locking motor

EX37	Rear lid handle
E234	Rear lid handle release button
F327	Central locking rear lid lock unit
T2mh	2-pin connector, black
T4ce	4-pin connector, black
T10h	10-pin connector, black
T10i	10-pin connector, brown
T10x	10-pin connector, black
T10y	10-pin connector, brown
THKL	Coupling point on rear lid, left
VX25	Rear lid lock unit
V53	Rear lid central locking motor
218	Earth connection 1, in rear lid wiring harness
219	Earth connection 2, in rear lid wiring harness
285	Earth connection 7, in interior wiring harness
B465	Connection 1, in main wiring harness
W84	Positive connection (30g), in rear lid wiring harness
*	Only models with electric rear lid opener
*2	Only models with no electric rear lid opener
*3	Only models with sensor-controlled rear lid opener
*4	From May 2016
*5	Up to May 2016
*6	Only models with no sensor-controlled rear lid opener

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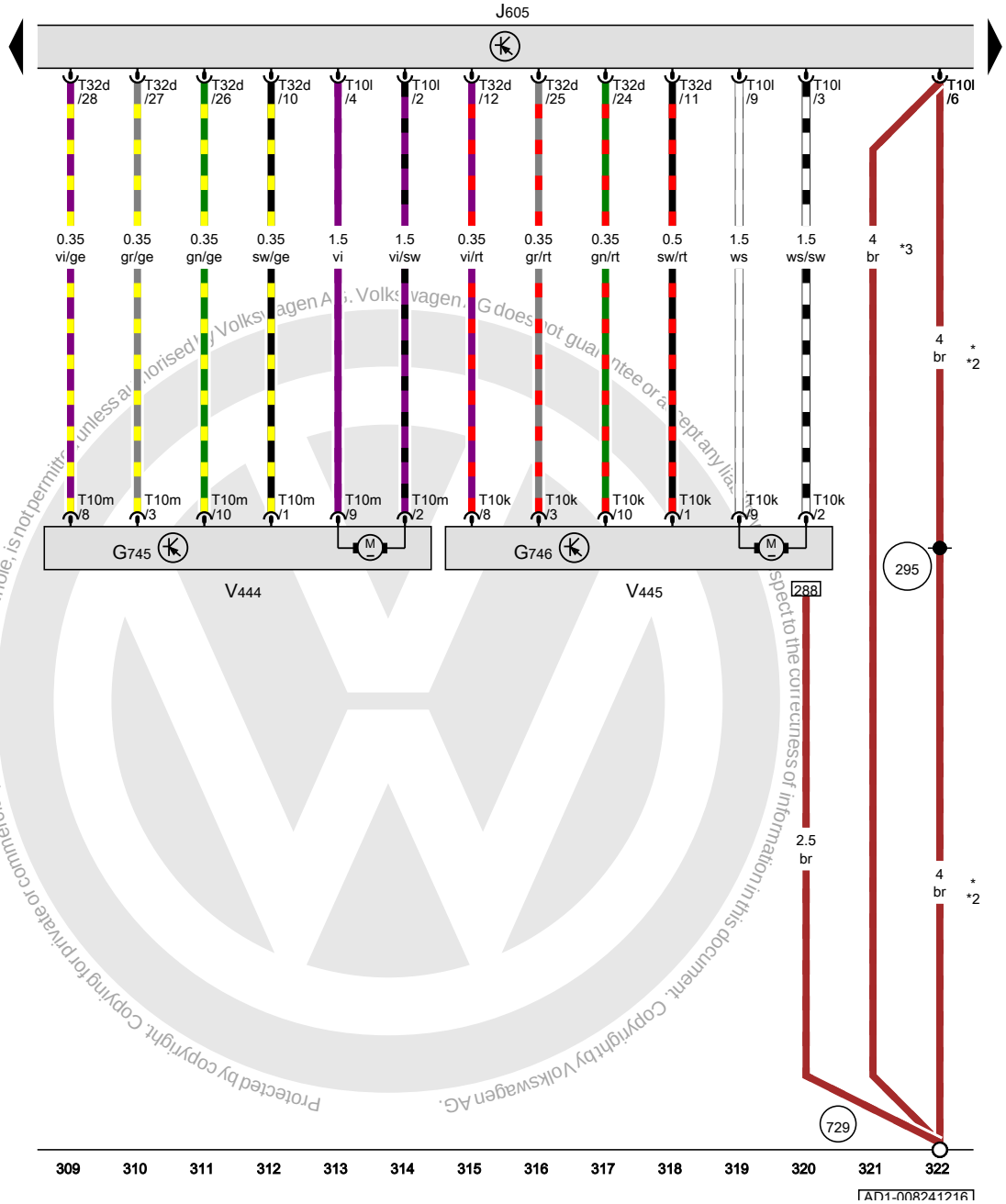


Button to close rear lid in luggage compartment, Rear lid control unit

E406	Button to close rear lid in luggage compartment
J605	Rear lid control unit
T4cf	4-pin connector, black
T8v	8-pin connector, black
T32d	32-pin connector, colourless
218	Earth connection 1, in rear lid wiring harness
219	Earth connection 2, in rear lid wiring harness
W84	Positive connection (30g), in rear lid wiring harness
*	Only models with no sensor-controlled rear lid opener
*2	From May 2016
*3	Only models with sensor-controlled rear lid opener
*4	Up to May 2016

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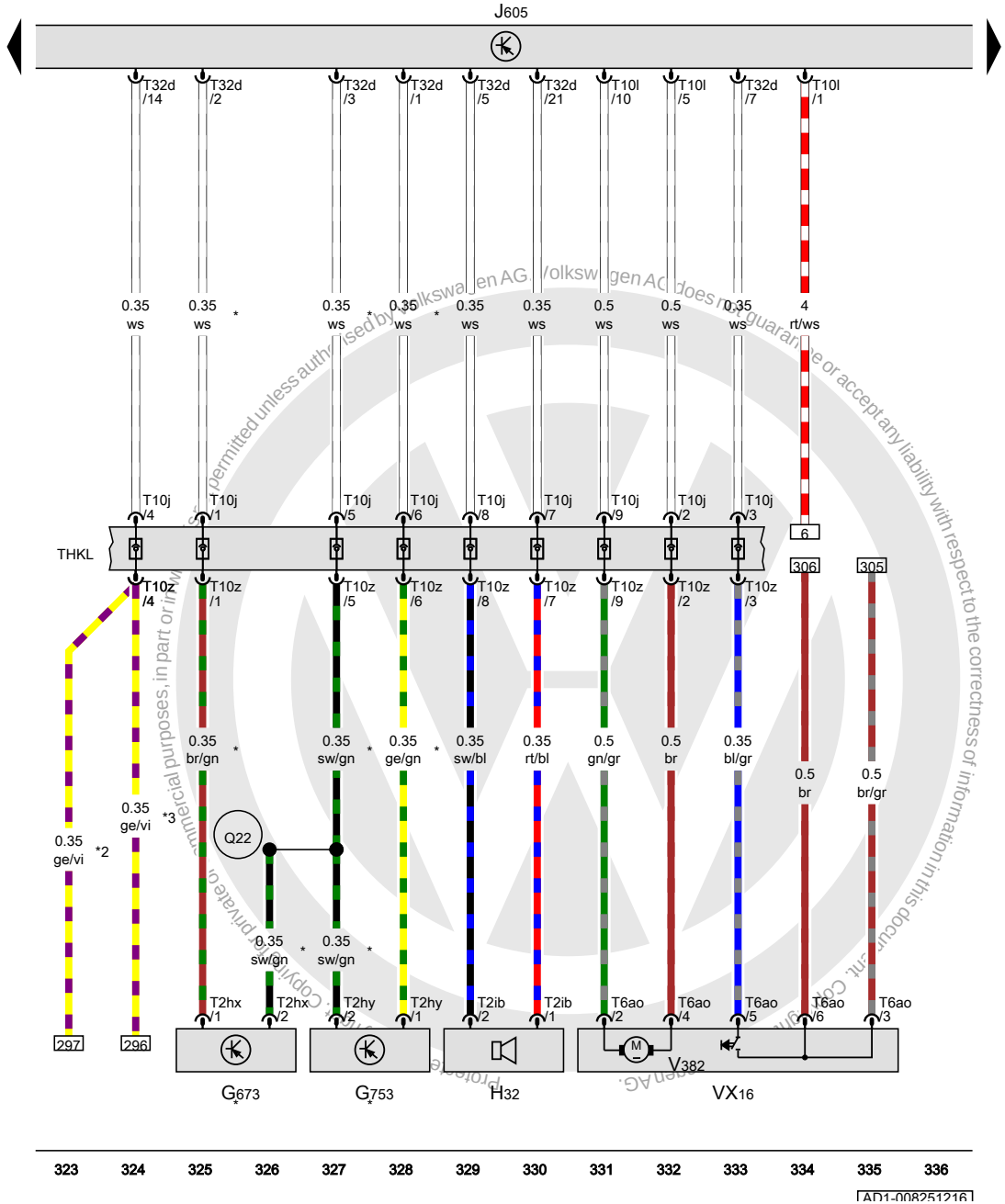


Sensor in motor 1 for rear lid, Sensor in motor 2 for rear lid, Rear lid control unit, Motor 1 for rear lid, Motor 2 for rear lid

G745	Sensor in motor 1 for rear lid
G746	Sensor in motor 2 for rear lid
J605	Rear lid control unit
T10k	10-pin connector, black
T10l	10-pin connector, black
T10m	10-pin connector, black
T32d	32-pin connector, colourless
V444	Motor 1 for rear lid
V445	Motor 2 for rear lid
295	Earth connection 10, in interior wiring harness
729	Earth point, on left rear wheel housing
*	Only models with preparation for trailer coupling
*2	Only models with towing bracket
*3	Only models with no towing bracket

ws	=	white
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ro	=	red
rt	=	red
br	=	brown
gn	=	green
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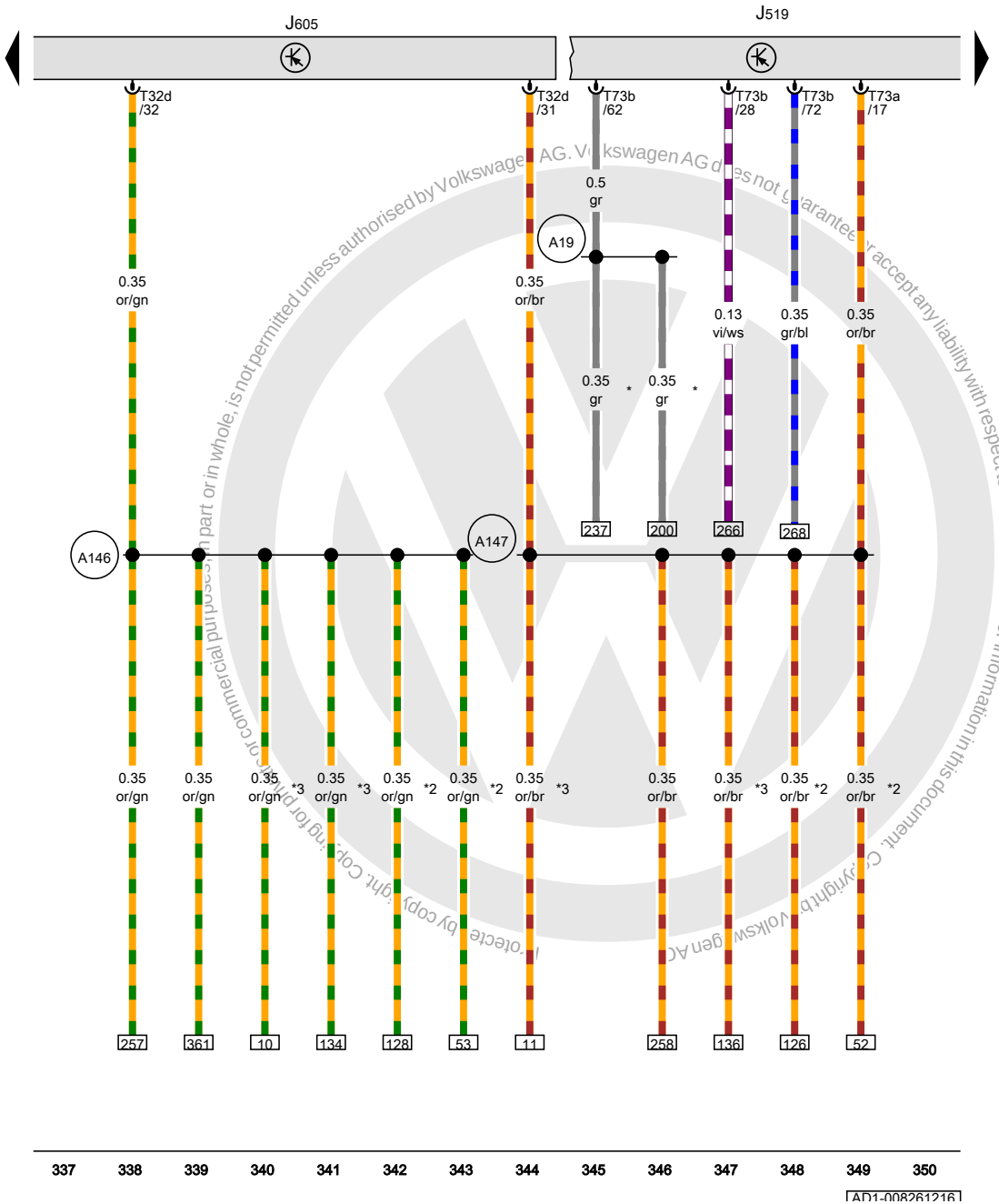


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Anti-trapping sender, Anti-trapping sender 2, Rear lid warning buzzer, Rear lid control unit, Power latching for rear lid, Power latching motor for rear lid

G673	Anti-trapping sender
G753	Anti-trapping sender 2
H32	Rear lid warning buzzer
J605	Rear lid control unit
T2hx	2-pin connector, black
T2hy	2-pin connector, black
T2ib	2-pin connector, black
T6ao	6-pin connector, black
T10j	10-pin connector, black
T10l	10-pin connector, black
T10z	10-pin connector, black
T32d	32-pin connector, colourless
THKL	Coupling point on rear lid, left
VX16	Power latching for rear lid
V382	Power latching motor for rear lid
Q22	Connection 1, in rear lid wiring harness
*	According to equipment
*2	Only models with no sensor-controlled rear lid opener
*3	Only models with sensor-controlled rear lid opener

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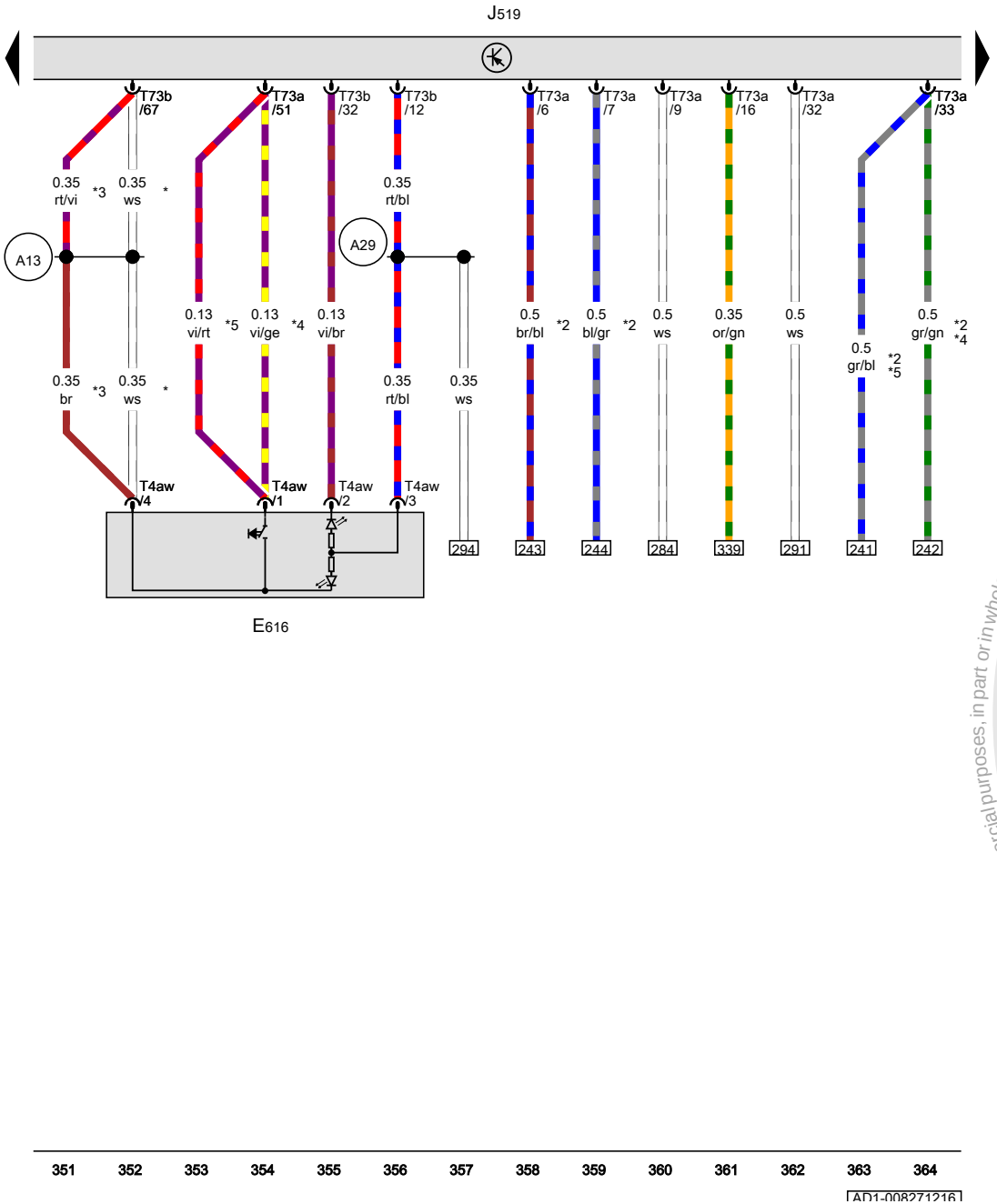


Onboard supply control unit, Rear lid control unit

J519	Onboard supply control unit
J605	Rear lid control unit
T32d	32-pin connector, colourless
T73a	73-pin connector, black
T73b	73-pin connector, black
A19	Connection (58d), in dash panel wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with no ambient lighting
*2	Only models with overhead view camera
*3	Only models with no overhead view camera

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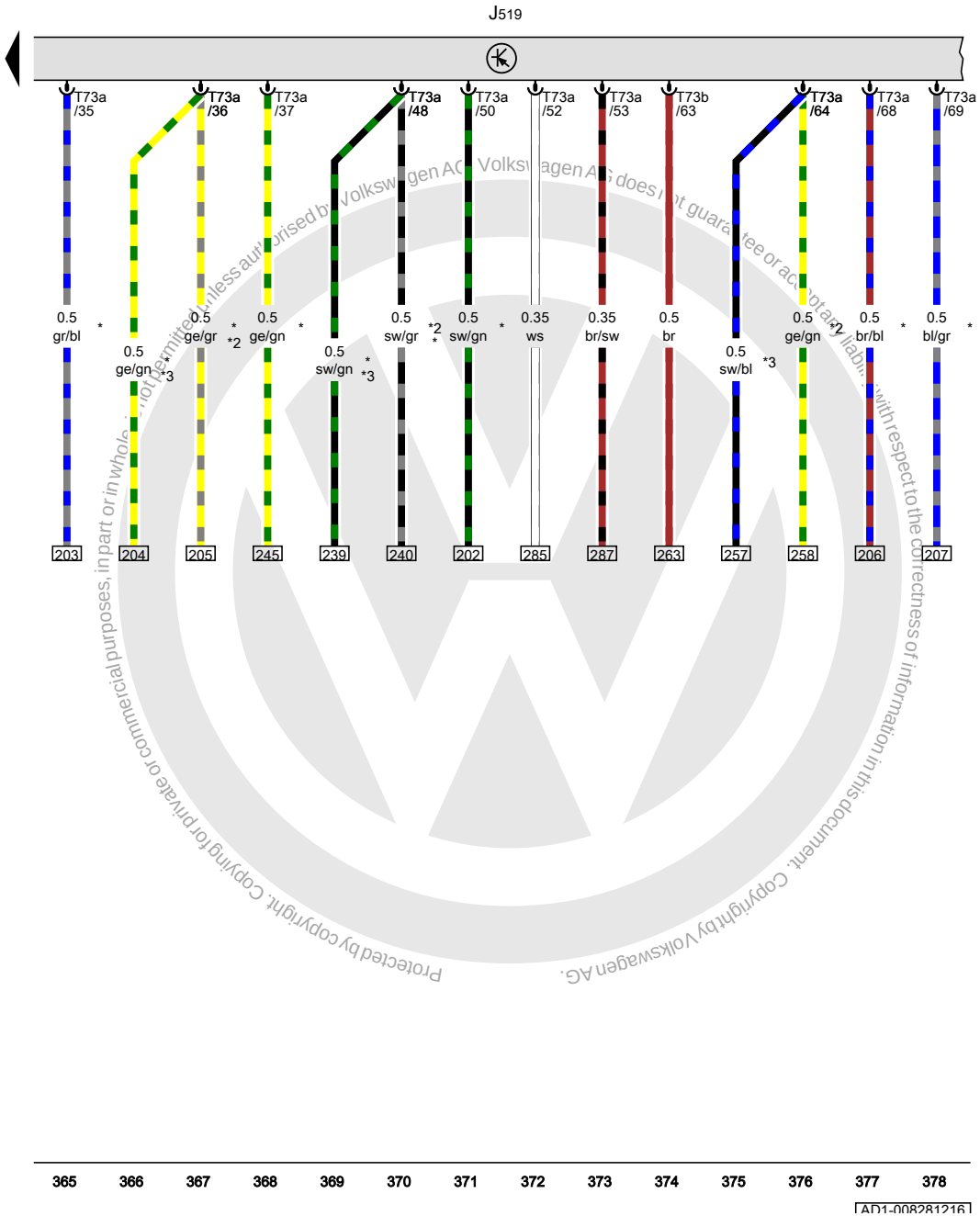


Button for deactivating interior monitoring and vehicle inclination sensor, Onboard supply control unit

E616	Button for deactivating interior monitoring and vehicle inclination sensor
J519	Onboard supply control unit
T4aw	4-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, black
A13	Connection (door contact switch), in dash panel wiring harness
A29	Connection (interior light), in dash panel wiring harness
*	From May 2016
*2	Only models with no ambient lighting
*3	Up to May 2016
*4	From November 2016
*5	Up to November 2016

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Onboard supply control unit

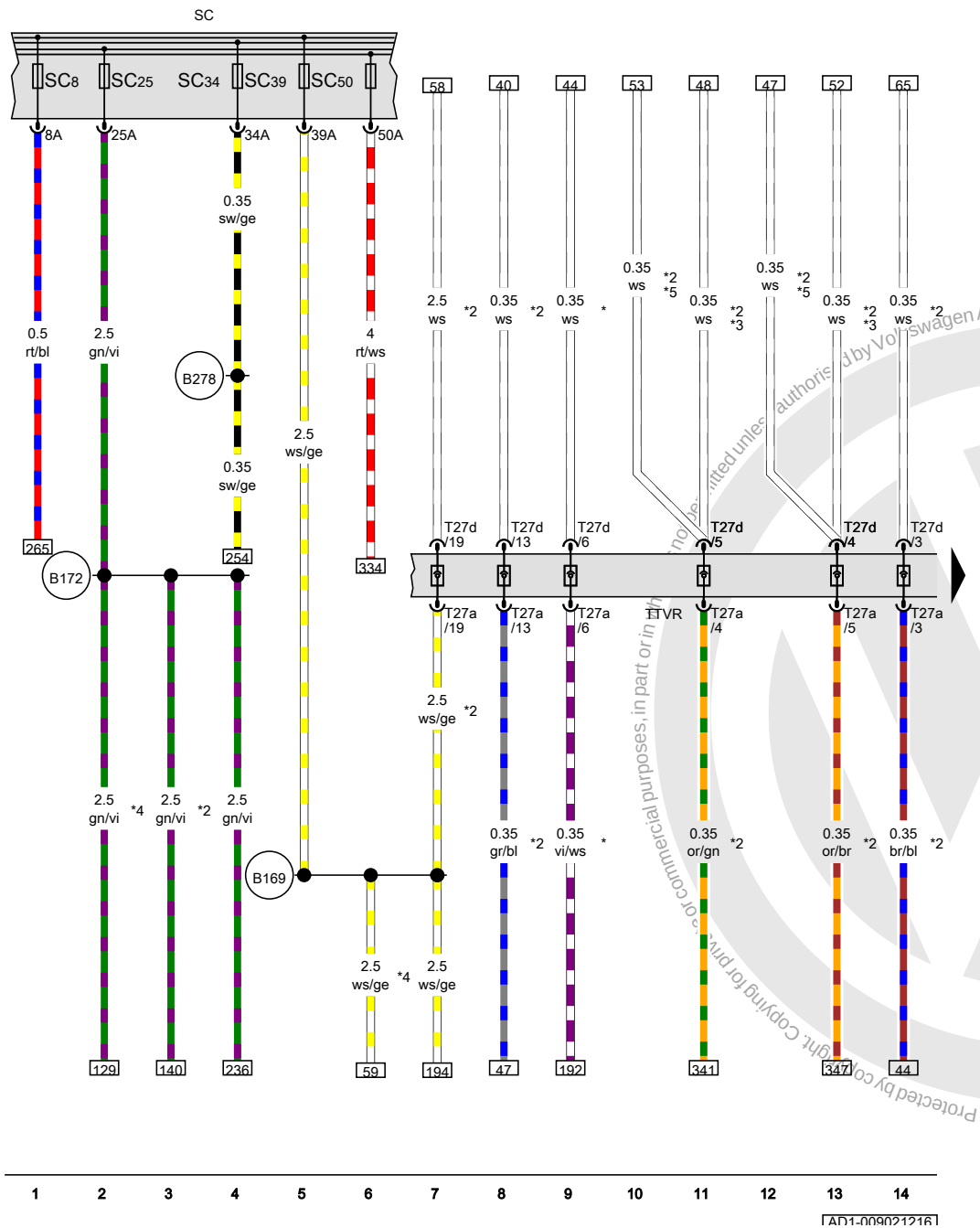
J519	Onboard supply control unit
T73a	73-pin connector, black
T73b	73-pin connector, black
*	Only models with no ambient lighting
*2	From November 2016
*3	Up to November 2016

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

Convenience system , (L0R)

From January 2016

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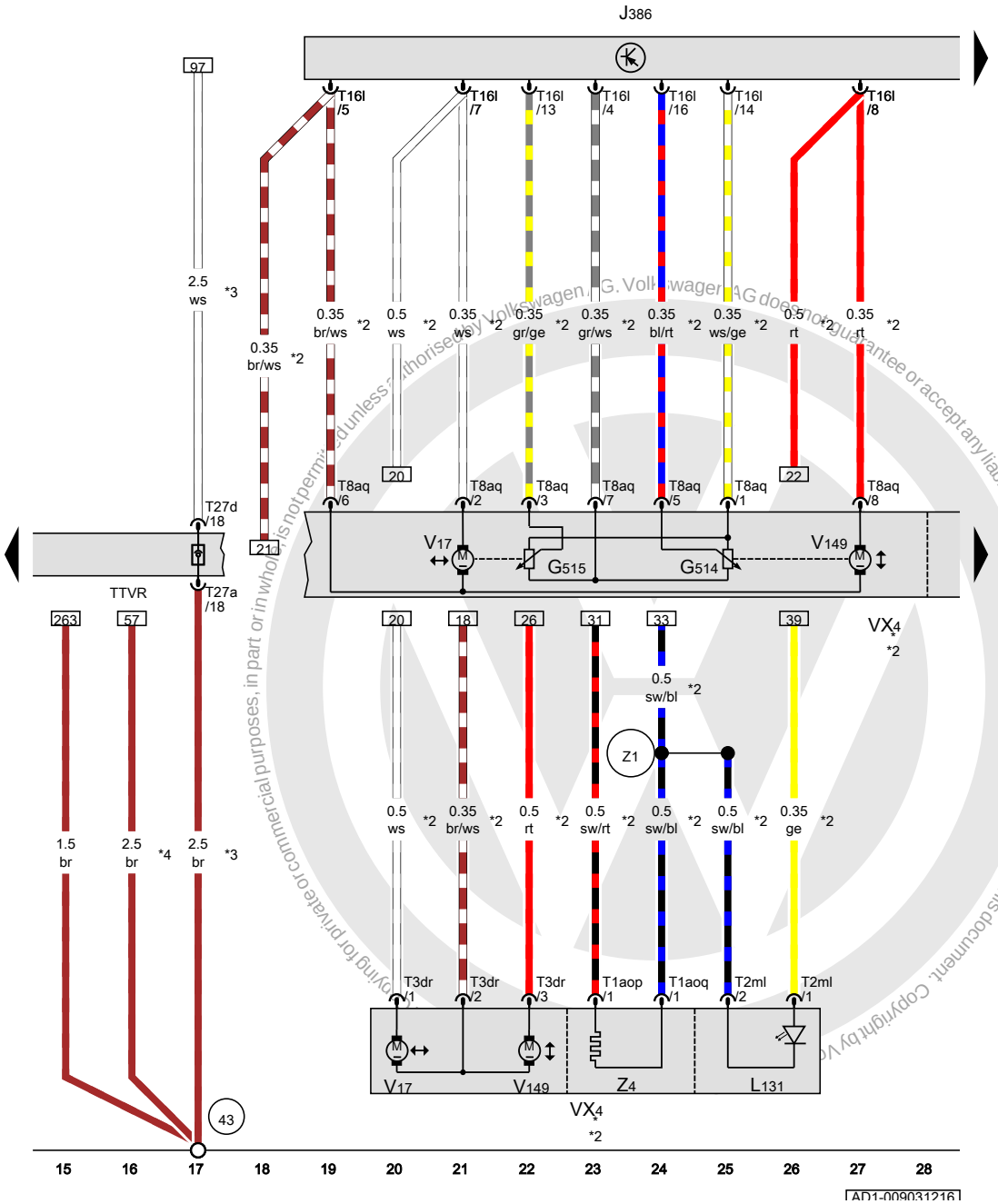


Fuse holder C

SC	Fuse holder C
SC8	Fuse 8 on fuse holder C
SC25	Fuse 25 on fuse holder C
SC34	Fuse 34 on fuse holder C
SC39	Fuse 39 on fuse holder C
SC50	Fuse 50 on fuse holder C
T27a	27-pin connector, black
T27d	27-pin connector, black
TTVR	Coupling point for front right door
B169	Positive connection 1 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Only models with no ambient lighting
*2	Only models with no overhead view camera
*3	From May 2016
*4	Only models with ambient lighting, version 1
*5	Up to May 2016

ws	=	white
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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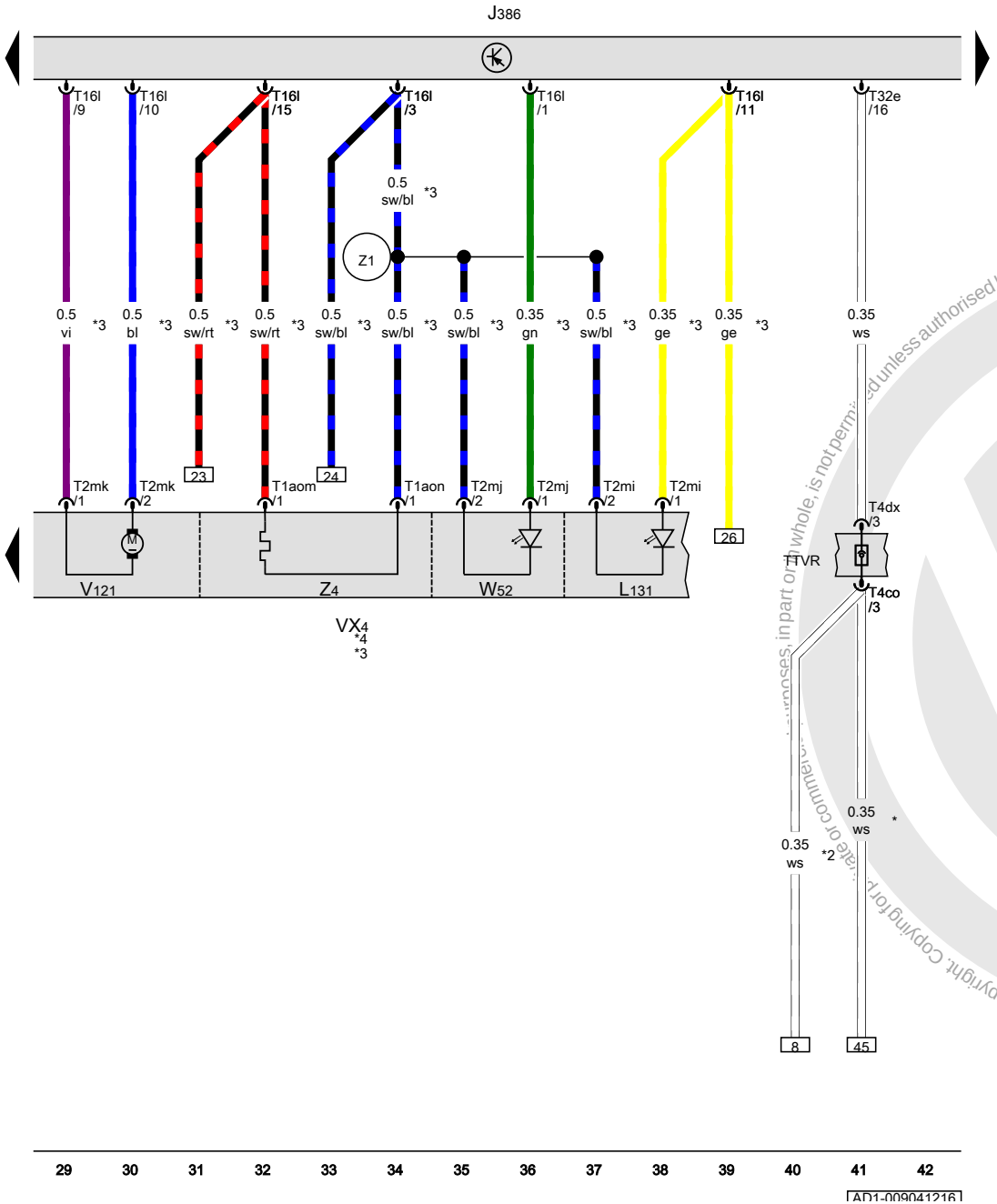


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Potentiometer for horizontal adjustment of driver side mirror, Potentiometer for vertical adjustment of driver side mirror, Driver door control unit, Driver side turn signal repeater bulb, Driver side exterior mirror, Driver side mirror adjustment motor 2, Driver side mirror adjustment motor, Heated exterior mirror on driver side

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
T1aop	1-pin connector, Terminal
T1aoq	1-pin connector, Terminal
T2ml	2-pin connector, black
T3dr	3-pin connector, black
T8aq	8-pin connector, black
T16l	16-pin connector, black
T27a	27-pin connector, black
T27d	27-pin connector, black
TTVR	Coupling point for front right door
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V149	Driver side mirror adjustment motor
Z4	Heated exterior mirror on driver side
43	Earth point, lower part of right A-pillar
Z1	Connection 1, in mirror adjustment/heating wiring harness
*	Pre-wired component
*2	According to equipment
*3	Only models with no overhead view camera
*4	Only models with overhead view camera

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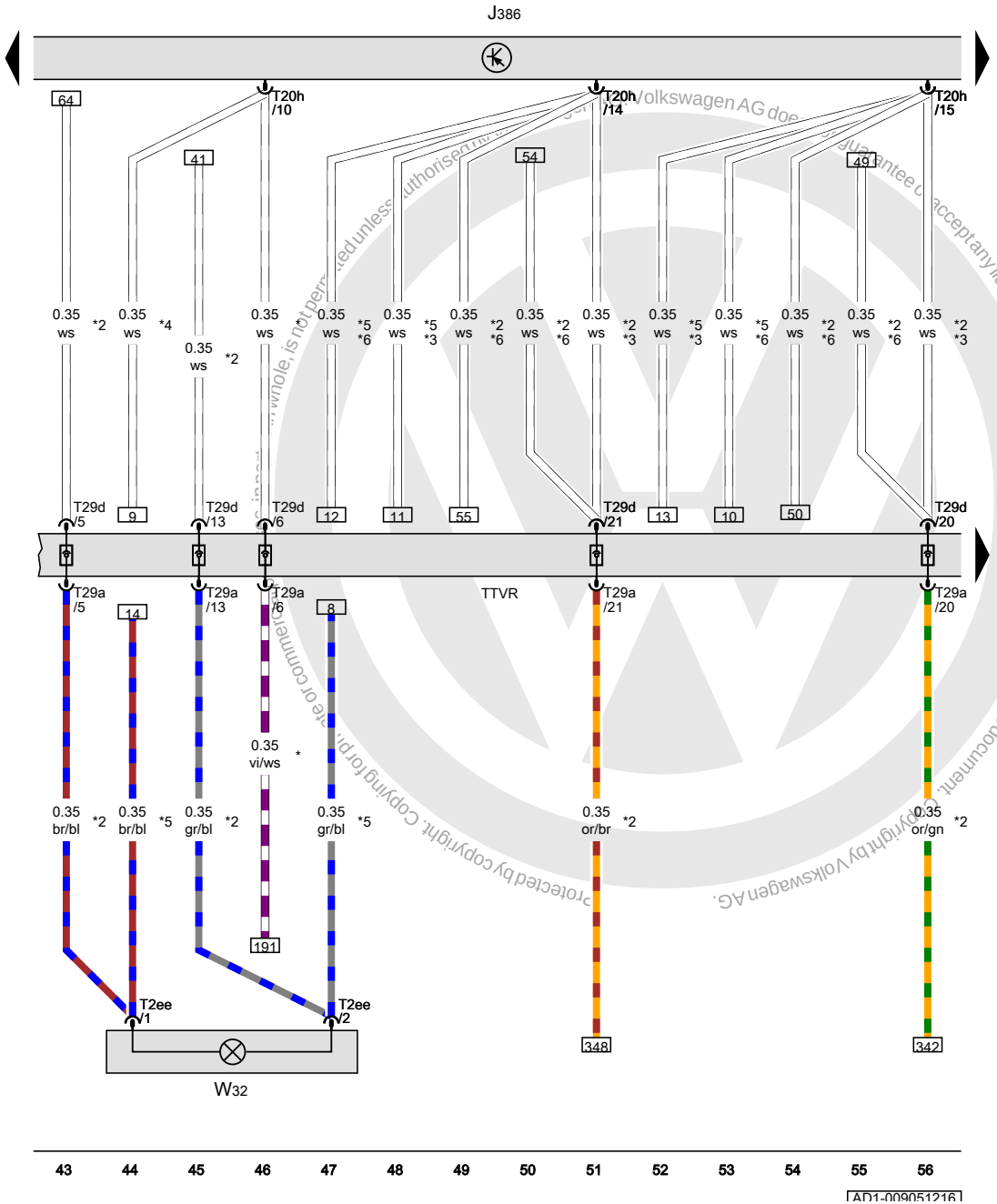


Driver door control unit, Driver side turn signal repeater bulb, Driver side exterior mirror, Driver side fold-in mirror motor, Entry light in exterior mirror, driver side, Heated exterior mirror on driver side

J386	Driver door control unit
L131	Driver side turn signal repeater bulb
T1aom	1-pin connector, Terminal
T1aon	1-pin connector, Terminal
T2mi	2-pin connector, black
T2mj	2-pin connector, black
T2mk	2-pin connector, black
T4co	4-pin connector, black
T4dx	4-pin connector, black
T16l	16-pin connector, black
T32e	32-pin connector, blue
TTVR	Coupling point for front right door
VX4	Driver side exterior mirror
V121	Driver side fold-in mirror motor
W52	Entry light in exterior mirror, driver side
Z4	Heated exterior mirror on driver side
Z1	Connection 1, in mirror adjustment/heating wiring harness
*	Only models with overhead view camera
*2	Only models with no overhead view camera
*3	According to equipment
*4	Pre-wired component

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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or	=	orange
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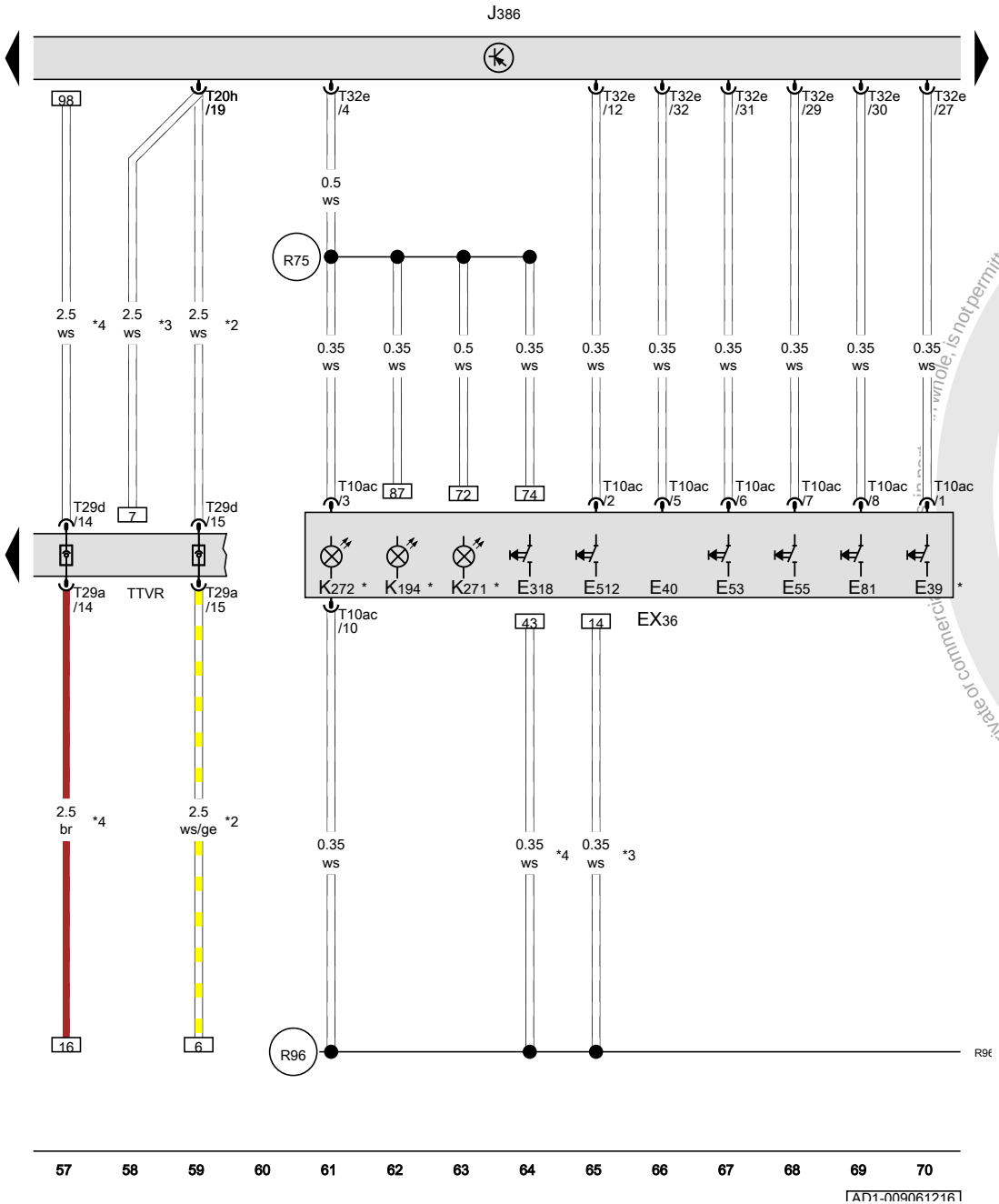


Driver door control unit, Front right entry light

J386	Driver door control unit
T2ee	2-pin connector, black
T20h	20-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
TTVR	Coupling point for front right door
W32	Front right entry light
*	Only models with ambient lighting, version 1
*2	Only models with overhead view camera
*3	From May 2016
*4	Only models with no ambient lighting
*5	Only models with no overhead view camera
*6	Up to May 2016

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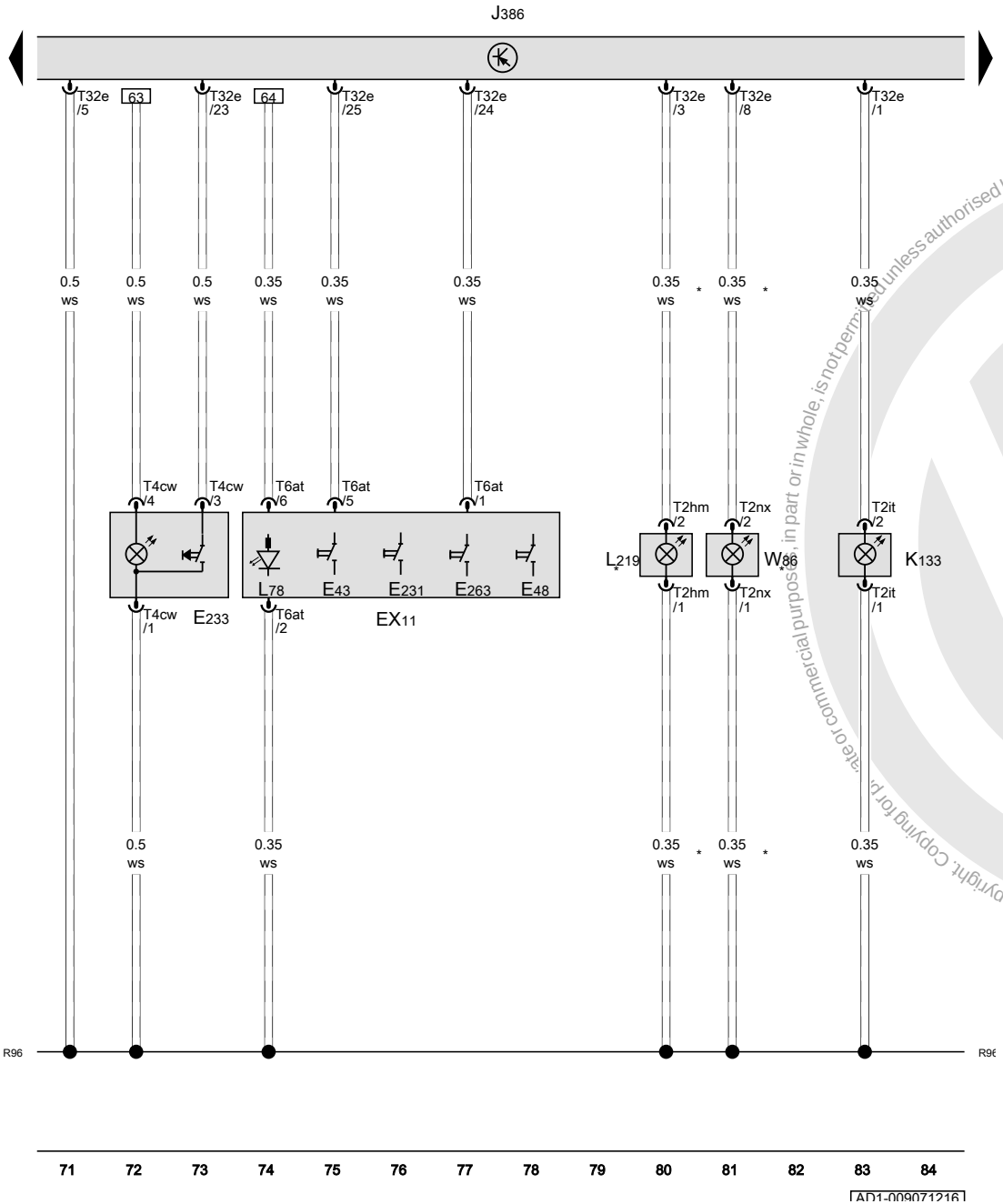


Operating unit for window regulator in driver door, Rear window regulator isolation switch, Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Childproof lock button, Operating unit for window regulator in driver door, Driver door control unit, Window regulator lock warning lamp, Warning lamp for activated left childproof lock, Warning lamp for activated right childproof lock

EX36	Operating unit for window regulator in driver door
E39	Rear window regulator isolation switch
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
K194	Window regulator lock warning lamp
K271	Warning lamp for activated left childproof lock
K272	Warning lamp for activated right childproof lock
T10ac	10-pin connector, black
T20h	20-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
T32e	32-pin connector, blue
TTVR	Coupling point for front right door
R75	Connection 1 (58d), in door control unit wiring harness
R96	Connection 3 in driver side door wiring harness
*	According to equipment
*2	Only models with ambient lighting, version 1
*3	Only models with no overhead view camera
*4	Only models with overhead view camera

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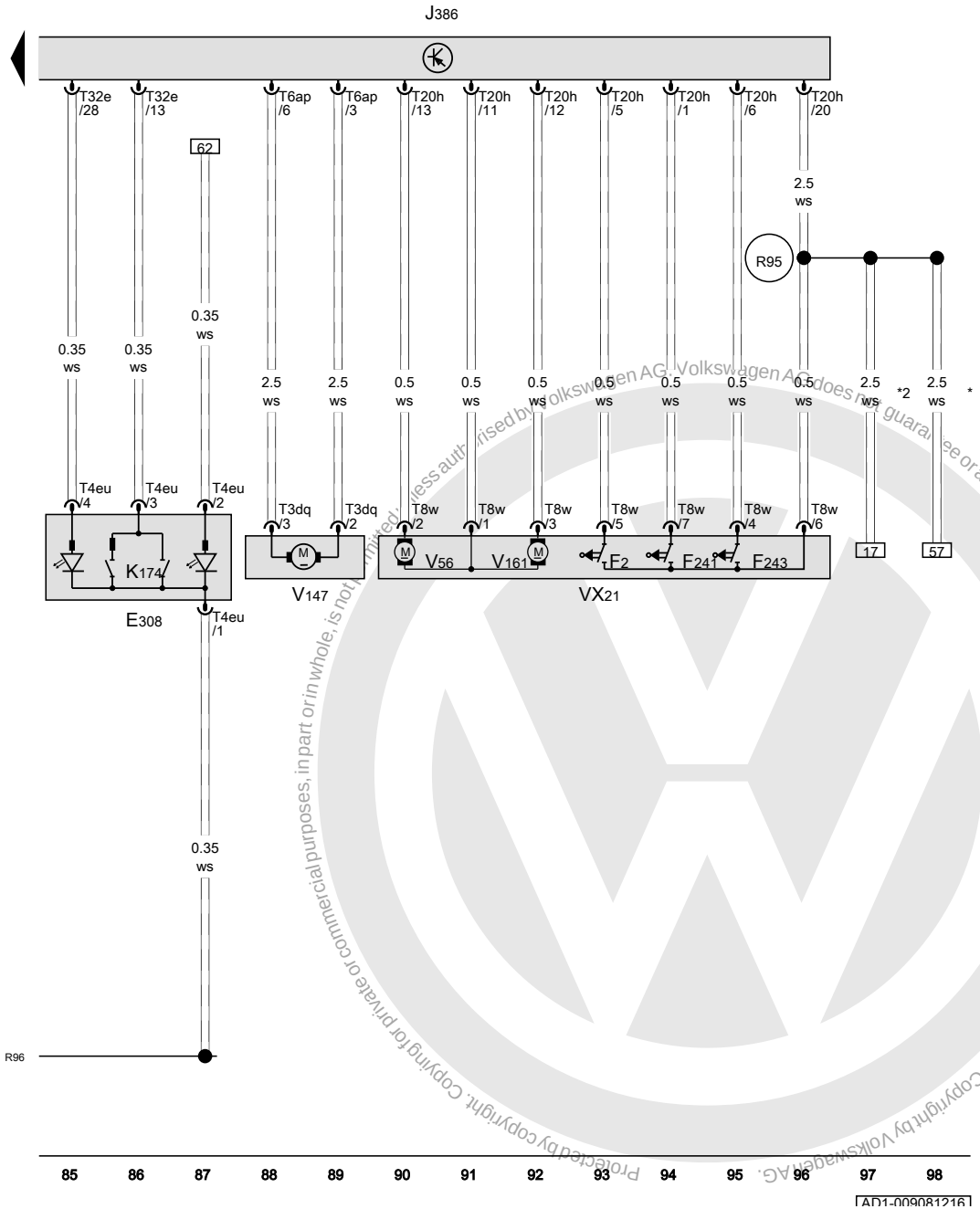


Exterior mirror adjuster, Mirror adjustment switch, Mirror adjustment changeover switch, Exterior mirror heater button, Rear lid remote release button, Fold-in mirror switch, Driver door control unit, Mirror adjustment switch illumination bulb, Light for driver side interior door handle illumination, Light for driver door ambient lighting

EX11	Exterior mirror adjuster
E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E231	Exterior mirror heater button
E233	Rear lid remote release button
E263	Fold-in mirror switch
J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L78	Mirror adjustment switch illumination bulb
L219	Light for driver side interior door handle illumination
T2hm	2-pin connector, green
T2it	2-pin connector, black
T2nx	2-pin connector, black
T4cw	4-pin connector, black
T6at	6-pin connector, brown
T32e	32-pin connector, blue
W86	Light for driver door ambient lighting
R96	Connection 3 in driver side door wiring harness
*	Only models with ambient lighting, version 1

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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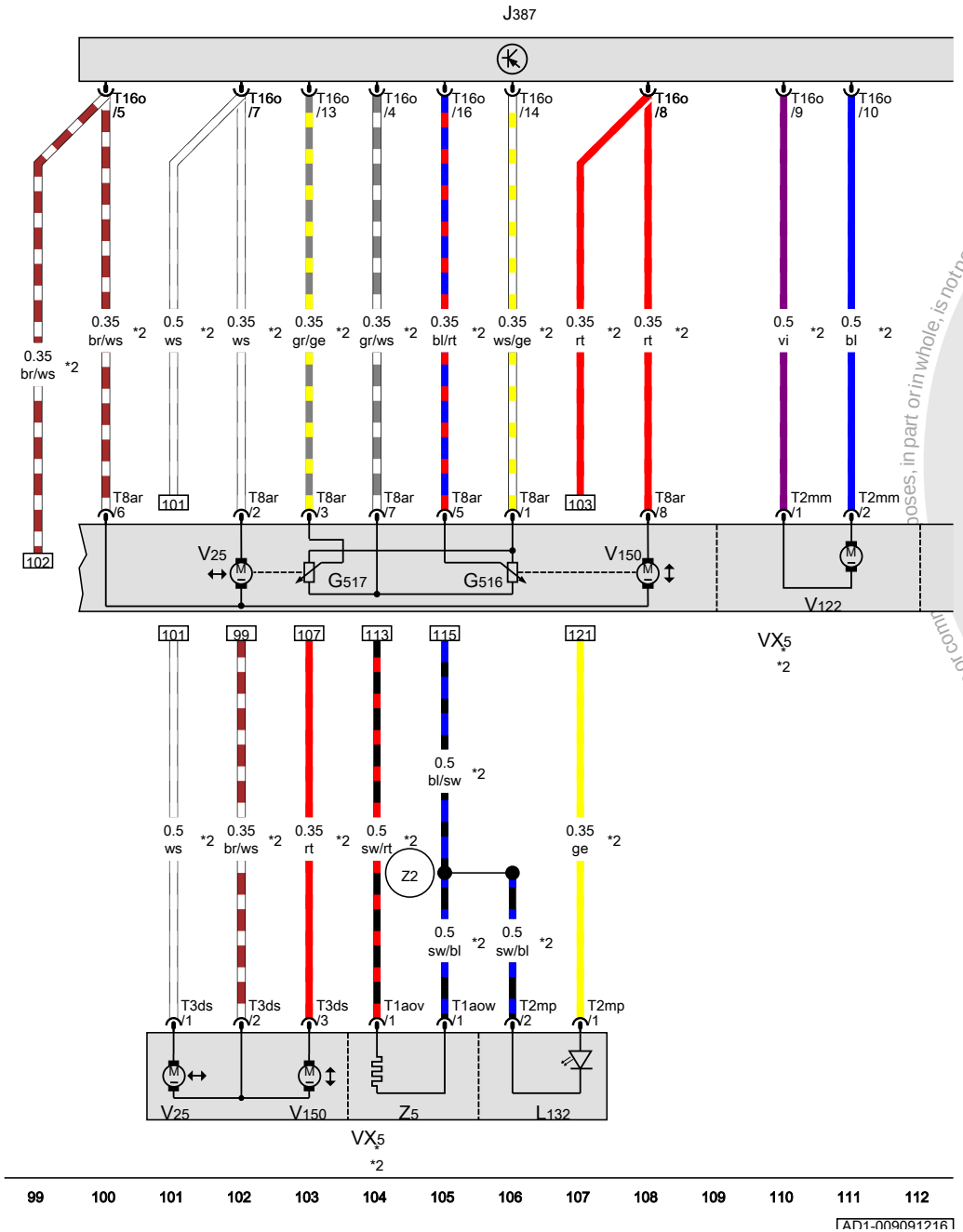


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Driver side interior locking button for central locking system, Driver door contact switch, Driver side contact switch in lock cylinder, Driver door central locking actuator for SAFELOCK function, Driver door control unit, Driver side interior locking warning lamp, Driver door lock unit, Driver door central locking motor, Driver side window regulator motor, Driver door central locking SAFELOCK function motor, Connection 2 in driver side door wiring harness

E308	Driver side interior locking button for central locking system
F2	Driver door contact switch
F241	Driver side contact switch in lock cylinder
F243	Driver door central locking actuator for SAFELOCK function
J386	Driver door control unit
K174	Driver side interior locking warning lamp
T3dq	3-pin connector, blue
T4eu	4-pin connector, blue
T6ap	6-pin connector, black
T8w	8-pin connector, black
T20h	20-pin connector, black
T32e	32-pin connector, blue
VX21	Driver door lock unit
V56	Driver door central locking motor
V147	Driver side window regulator motor
V161	Driver door central locking SAFELOCK function motor
R95	Connection 2 in driver side door wiring harness
R96	Connection 3 in driver side door wiring harness
*	Only models with overhead view camera
*2	Only models with no overhead view camera

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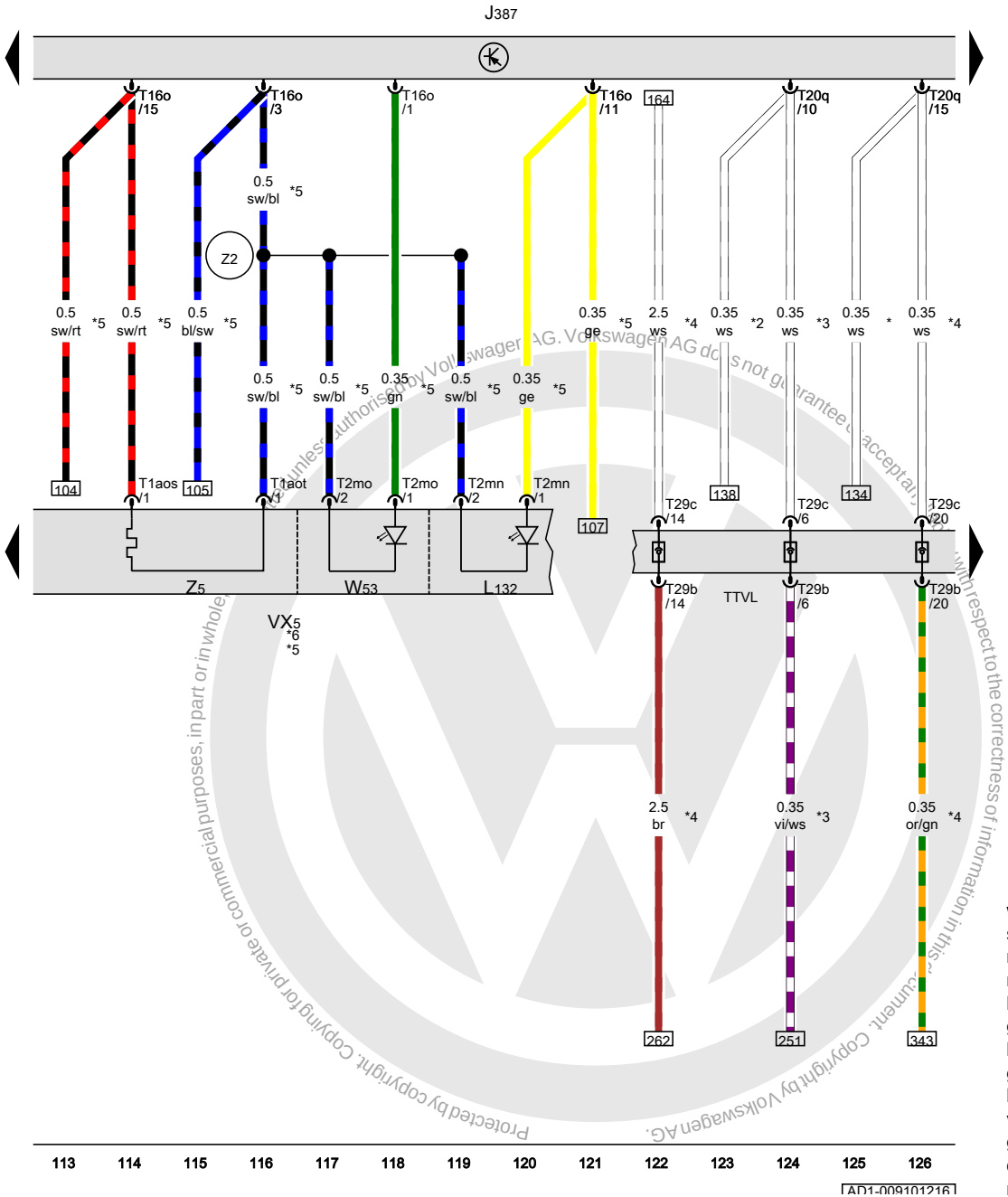


Potentiometer for horizontal adjustment of front passenger side mirror, Potentiometer for vertical adjustment of front passenger side mirror, Front passenger door control unit, Front passenger side turn signal repeater bulb, Passenger side exterior mirror, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor, Heated exterior mirror on passenger side

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
T1aov	1-pin connector, Terminal
T1aow	1-pin connector, Terminal
T2mm	2-pin connector, black
T2mp	2-pin connector, black
T3ds	3-pin connector, black
T8ar	8-pin connector, black
T16o	16-pin connector, black
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Z5	Heated exterior mirror on passenger side
Z2	Connection 2, in mirror adjustment/heating 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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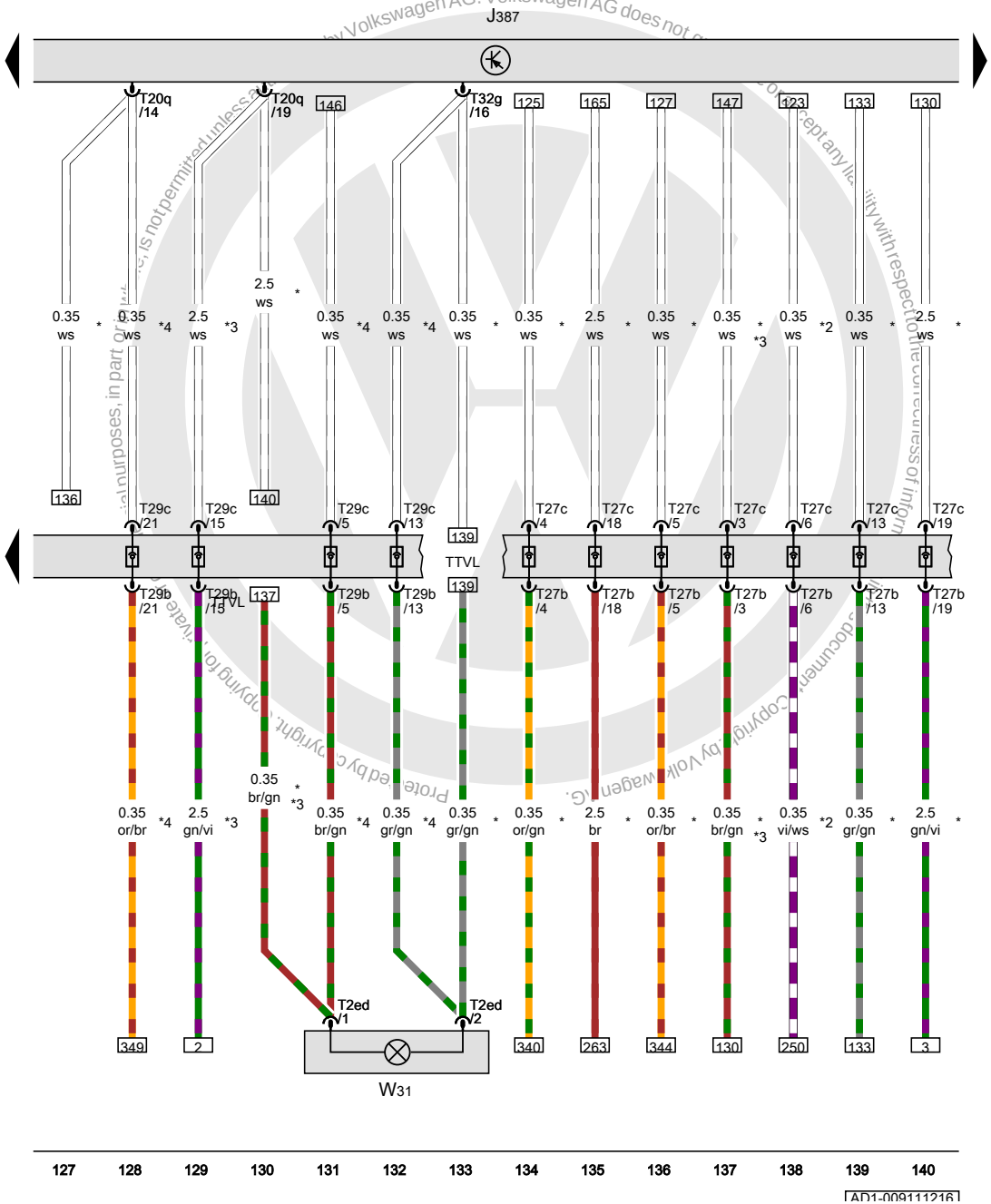


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Front passenger door control unit, Front passenger side turn signal repeater bulb, Passenger side exterior mirror, Entry light in exterior mirror, passenger side, Heated exterior mirror on passenger side

J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T1aos	1-pin connector, Terminal
T1aot	1-pin connector, Terminal
T2mn	2-pin connector, black
T2mo	2-pin connector, black
T16o	16-pin connector, black
T20q	20-pin connector, black
T29b	29-pin connector, white
T29c	29-pin connector, white
TTVL	Coupling point for front left door
VX5	Passenger side exterior mirror
W53	Entry light in exterior mirror, passenger side
Z5	Heated exterior mirror on passenger side
Z2	Connection 2, in mirror adjustment/heating wiring harness
*	Only models with no overhead view camera
*2	Only models with no ambient lighting
*3	Only models with ambient lighting, version 1
*4	Only models with overhead view camera
*5	According to equipment
*6	Pre-wired component

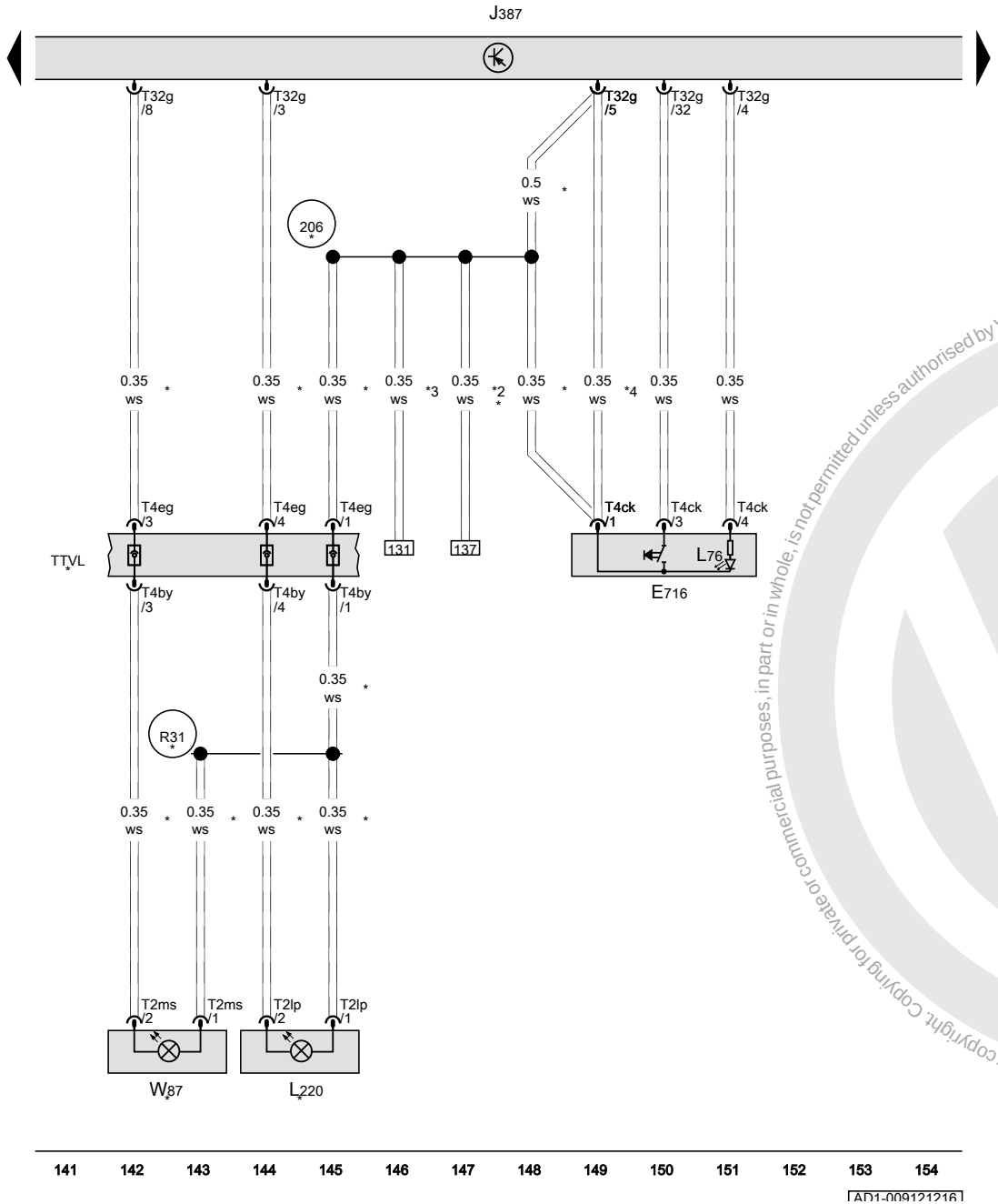
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Front passenger door control unit, Front left entry light

J387	Front passenger door control unit
T2ed	2-pin connector, black
T20q	20-pin connector, black
T27b	27-pin connector, black
T27c	27-pin connector, black
T29b	29-pin connector, white
T29c	29-pin connector, white
T32g	32-pin connector, blue
TTVL	Coupling point for front left door
W31	Front left entry light
*	Only models with no overhead view camera
*2	Only models with no ambient lighting
*3	Only models with ambient lighting, version 1
*4	Only models with overhead view camera

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

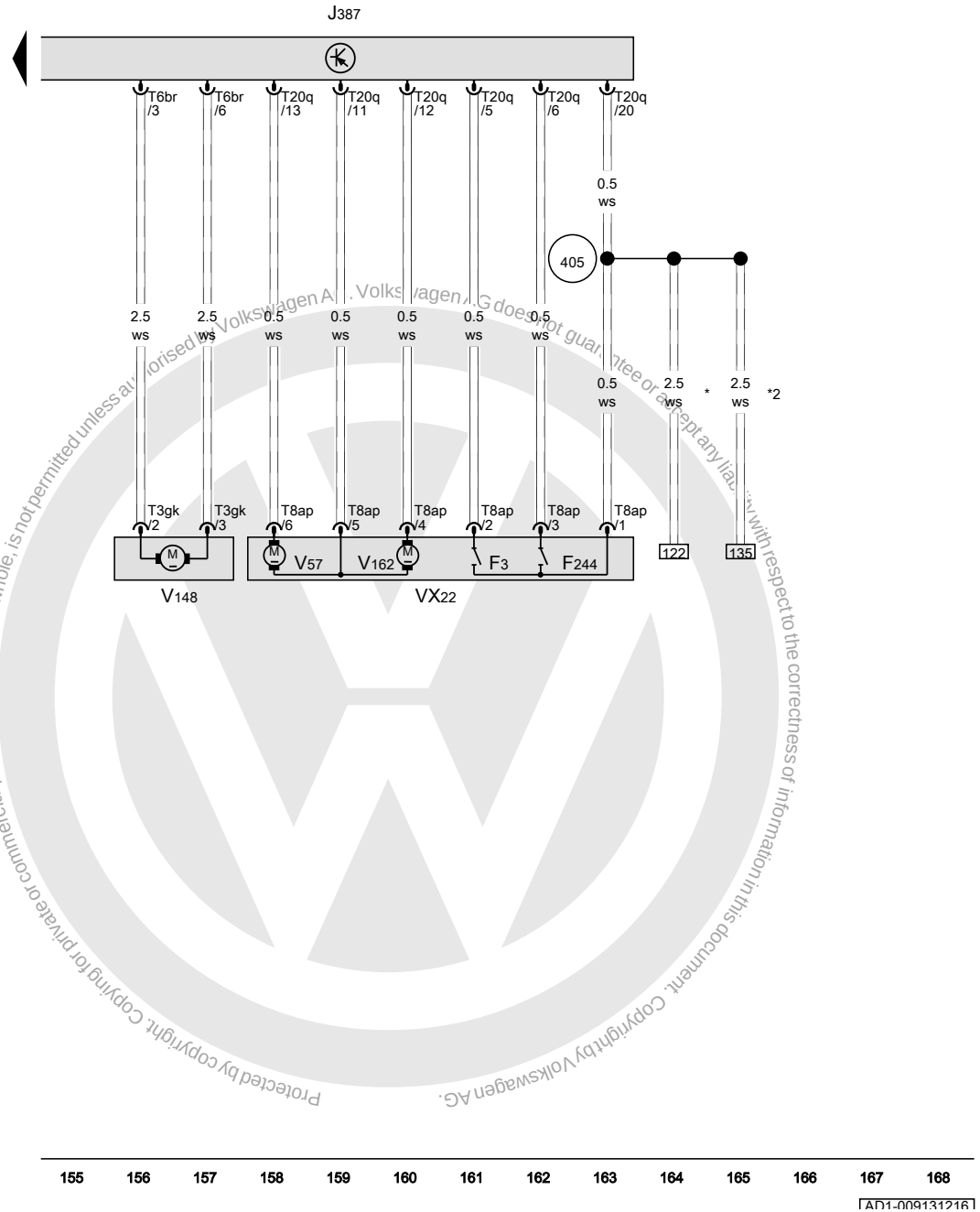


Front passenger side window regulator button, Front passenger door control unit, Button illumination bulb, Light for passenger side interior door handle illumination, Light for passenger door ambient lighting

E716	Front passenger side window regulator button
J387	Front passenger door control unit
L76	Button illumination bulb
L220	Light for passenger side interior door handle illumination
T2lp	2-pin connector, yellow
T2ms	2-pin connector, black
T4by	4-pin connector, black
T4ck	4-pin connector, black
T4eg	4-pin connector, black
T32g	32-pin connector, blue
TTVL	Coupling point for front left door
W87	Light for passenger door ambient lighting
206	Earth connection, in front passenger door wiring harness
R31	Connection 1, in rear left door wiring harness
*	Only models with ambient lighting, version 1
*2	Only models with no overhead view camera
*3	Only models with overhead view camera
*4	Only models with no ambient lighting

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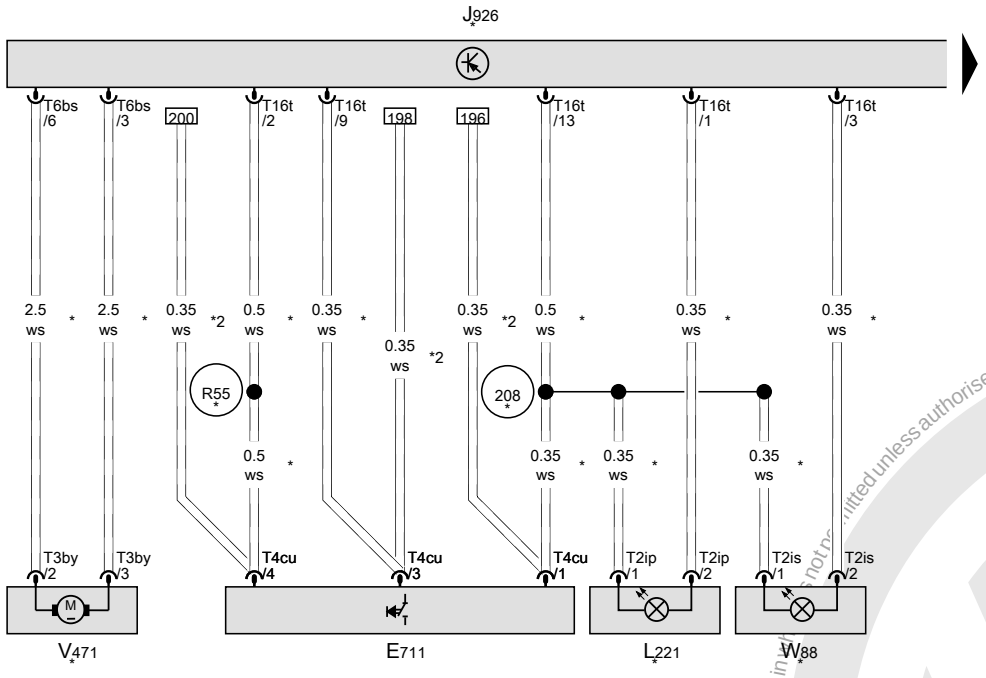


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Front passenger door contact switch, Front passenger door central locking actuator for SAFELOCK function, Front passenger door control unit, Front passenger door lock unit, Front passenger door central locking motor, Front passenger side window regulator motor, Front passenger door central locking SAFELOCK function motor, Earth connection 4, in front passenger side door wiring harness

F3	Front passenger door contact switch
F244	Front passenger door central locking actuator for SAFELOCK function
J387	Front passenger door control unit
T3gk	3-pin connector, blue
T6br	6-pin connector, black
T8ap	8-pin connector, black
T20q	20-pin connector, black
VX22	Front passenger door lock unit
V57	Front passenger door central locking motor
V148	Front passenger side window regulator motor
V162	Front passenger door central locking SAFELOCK function motor
405	Earth connection 4, in front passenger side door wiring harness
*	Only models with overhead view camera
*2	Only models with no overhead view camera

ws	=	white
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 driver side window regulator button, Rear driver side door control unit, Light for rear driver side interior door handle illumination, Rear driver side window regulator motor, Light for rear door ambient lighting, driver side

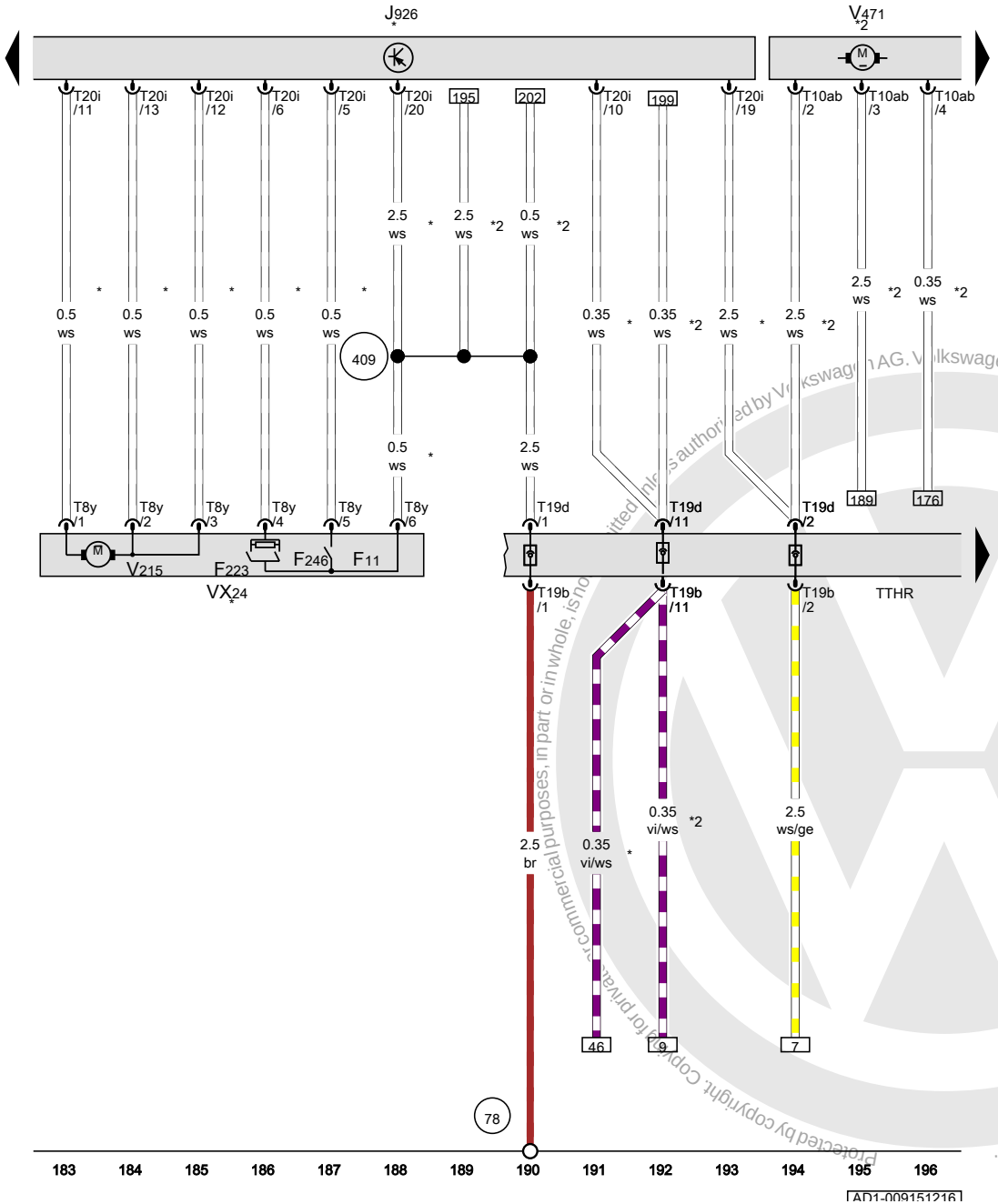
E711	Rear driver side window regulator button
J926	Rear driver side door control unit
L221	Light for rear driver side interior door handle illumination
T2ip	2-pin connector, green
T2is	2-pin connector, black
T3by	3-pin connector, brown
T4cu	4-pin connector, black
T6bs	6-pin connector, black
T16t	16-pin connector, black
V471	Rear driver side window regulator motor
W88	Light for rear door ambient lighting, driver side
208	Earth connection, in rear right door wiring harness
R55	Connection (58s), in rear right door wiring harness
*	Only models with ambient lighting, version 1
*2	Only models with no ambient lighting

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

169 170 171 172 173 174 175 176 177 178 179 180 181 182

AD1-009141216

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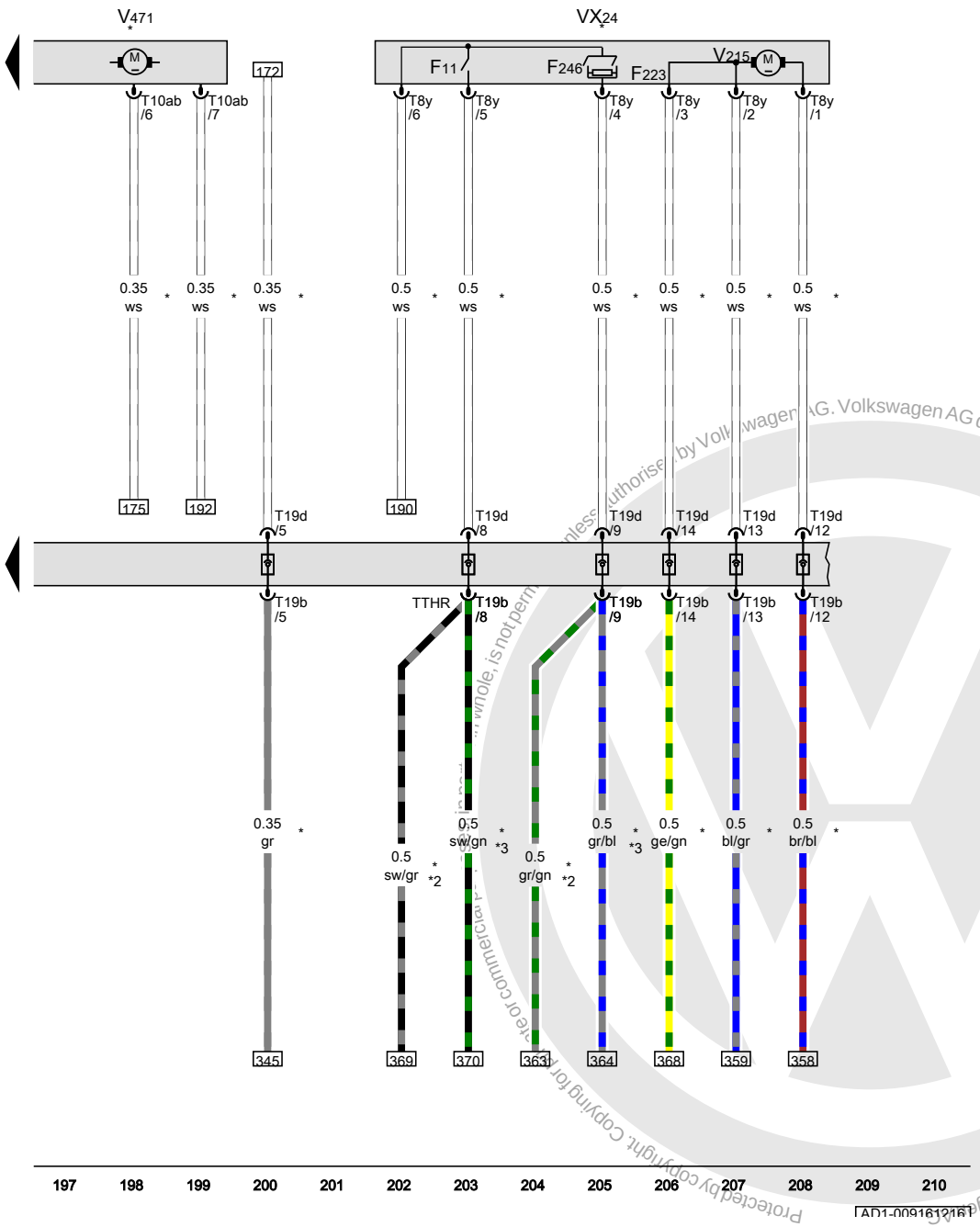


Rear right door contact switch, Rear right central locking lock unit, Rear right door central locking actuator for SAFELOCK function, Rear driver side door control unit, Rear right door lock unit, Rear right door central locking motor, lock, Rear driver side window regulator motor

F11	Rear right door contact switch
F223	Rear right central locking lock unit
F246	Rear right door central locking actuator for SAFELOCK function
J926	Rear driver side door control unit
T8y	8-pin connector, black
T10ab	10-pin connector, black
T19b	19-pin connector, black
T19d	19-pin connector, black
T20i	20-pin connector, black
TTHR	Coupling point for rear right door
VX24	Rear right door lock unit
V215	Rear right door central locking motor, lock
V471	Rear driver side window regulator motor
78	Earth point, lower part of right B-pillar
409	Earth connection 3, in rear right door wiring harness
*	Only models with ambient lighting, version 1
*2	Only models with no ambient lighting

ws	=	white
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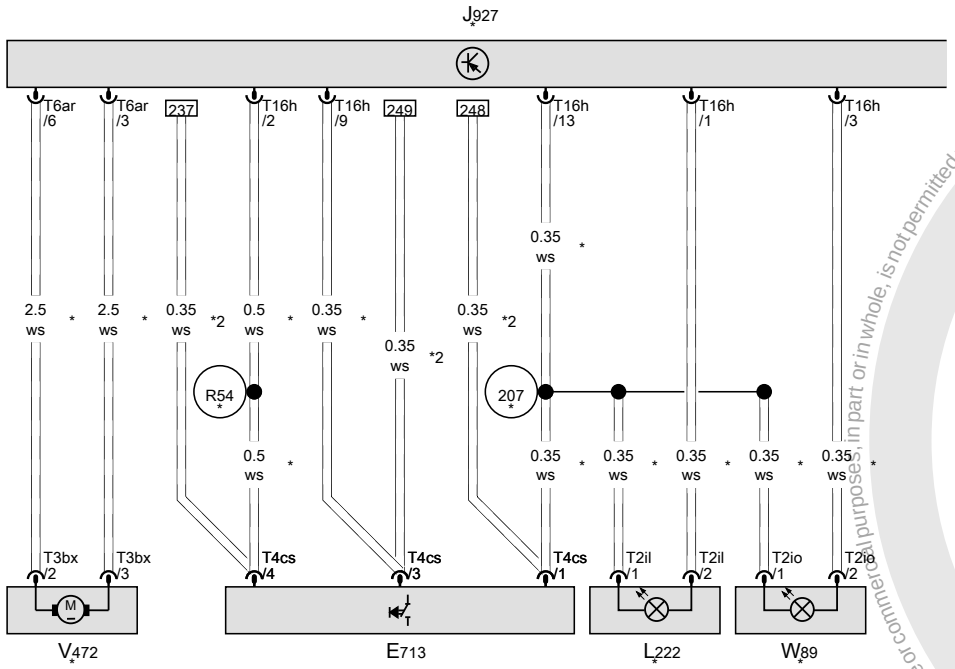


Rear right door contact switch, Rear right central locking lock unit, Rear right door central locking actuator for SAFELOCK function, Rear right door lock unit, Rear right door central locking motor, lock, Rear driver side window regulator motor

F11	Rear right door contact switch
F223	Rear right central locking lock unit
F246	Rear right door central locking actuator for SAFELOCK function
T8y	8-pin connector, black
T10ab	10-pin connector, black
T19b	19-pin connector, black
T19d	19-pin connector, black
TTHR	Coupling point for rear right door
VX24	Rear right door lock unit
V215	Rear right door central locking motor, lock
V471	Rear driver side window regulator motor
*	Only models with no ambient lighting
*2	From November 2016
*3	Up to November 2016

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

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Rear passenger side window regulator button, Rear passenger side door control unit, Light for rear passenger side interior door handle illumination, Rear passenger side window regulator motor, Light for rear door ambient lighting, passenger side

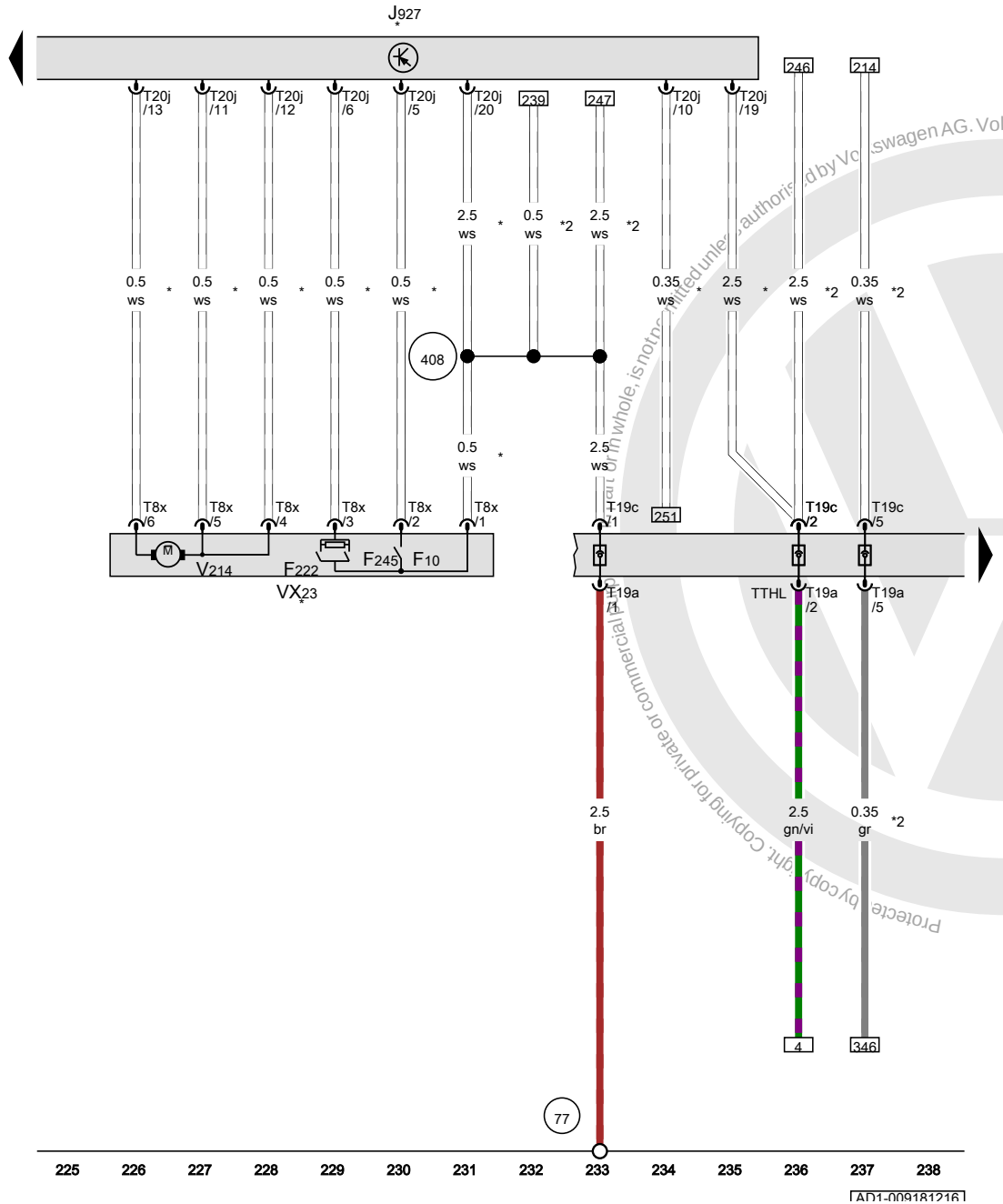
E713	Rear passenger side window regulator button
J927	Rear passenger side door control unit
L222	Light for rear passenger side interior door handle illumination
T2il	2-pin connector, green
T2io	2-pin connector, black
T3bx	3-pin connector, brown
T4cs	4-pin connector, black
T6ar	6-pin connector, black
T16h	16-pin connector, black
V472	Rear passenger side window regulator motor
W89	Light for rear door ambient lighting, passenger side
207	Earth connection, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness
*	Only models with ambient lighting, version 1
*2	Only models with no ambient lighting

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

211 212 213 214 215 216 217 218 219 220 221 222 223 224

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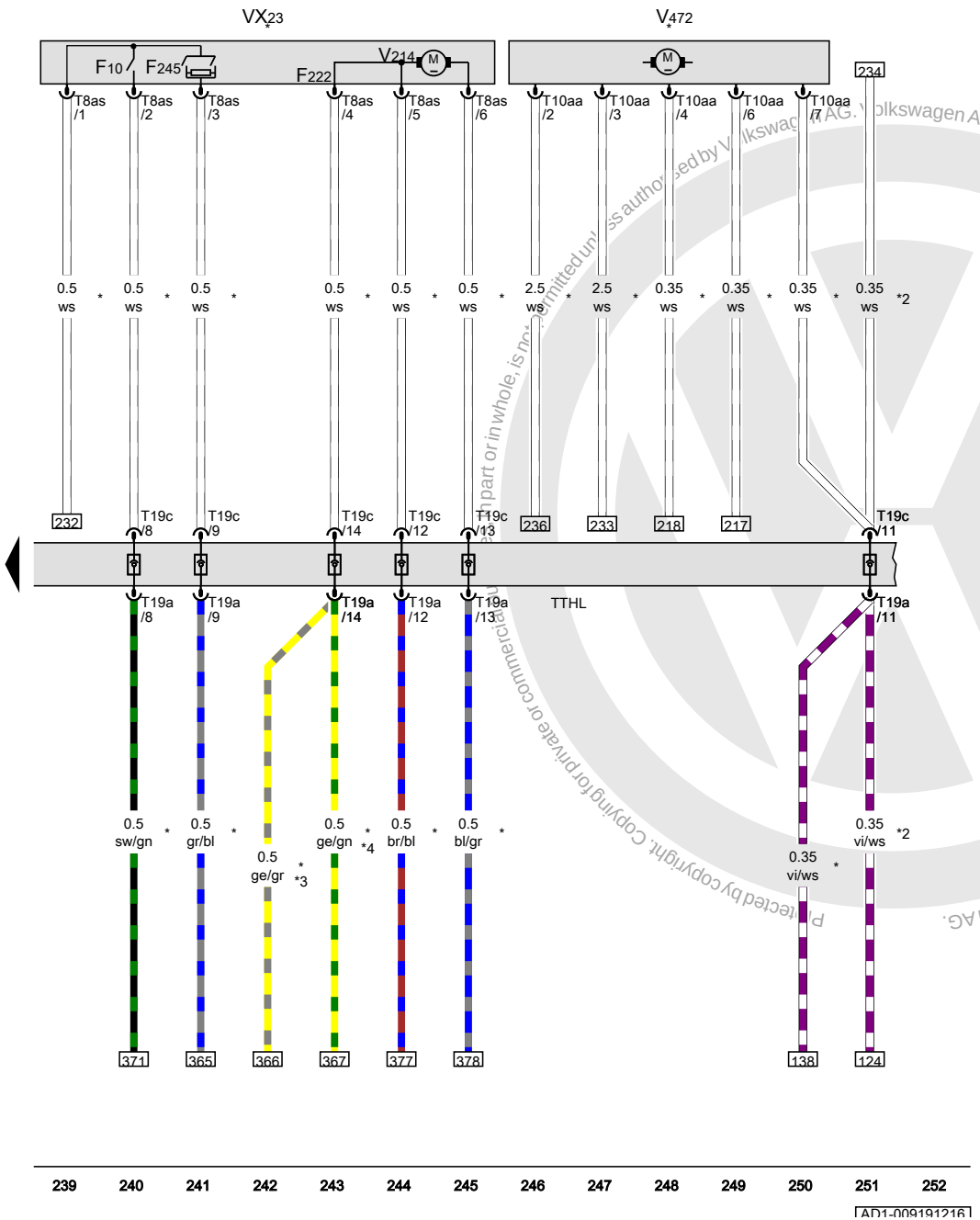


Rear left door contact switch, Rear left central locking lock unit, Rear left door central locking actuator for SAFELOCK function, Rear passenger side door control unit, Rear left door lock unit, Rear left door central locking motor, lock

F10	Rear left door contact switch
F222	Rear left central locking lock unit
F245	Rear left door central locking actuator for SAFELOCK function
J927	Rear passenger side door control unit
T8x	8-pin connector, black
T19a	19-pin connector, black
T19c	19-pin connector, black
T20j	20-pin connector, black
TTHL	Coupling point for rear left door
VX23	Rear left door lock unit
V214	Rear left door central locking motor, lock
77	Earth point, lower part of left B-pillar
408	Earth connection 3, in rear left door wiring harness
*	Only models with ambient lighting, version 1
*2	Only models with no ambient lighting

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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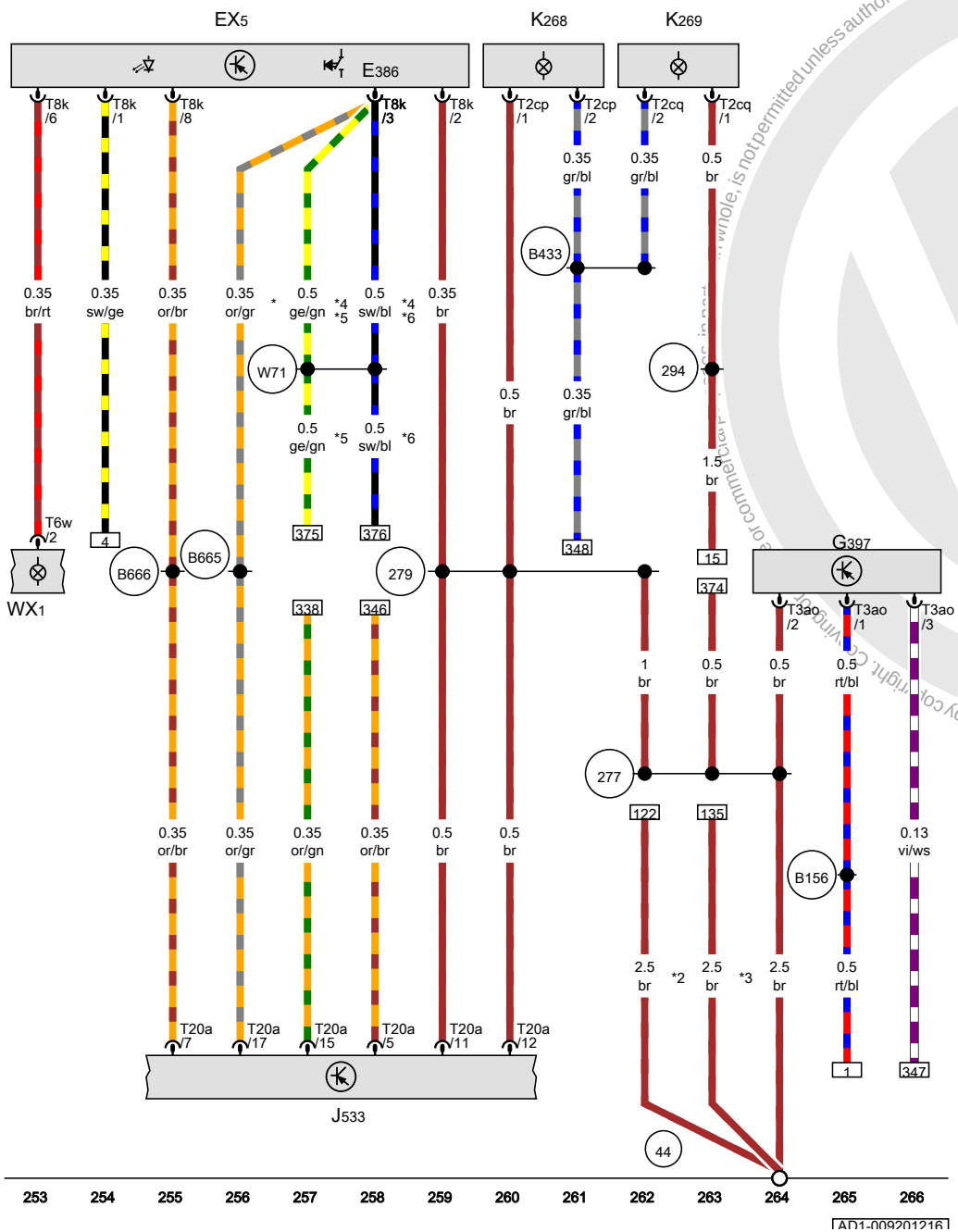
Rear left door contact switch, Rear left central locking lock unit, Rear left door central locking actuator for SAFELOCK function, Rear left door lock unit, Rear left door central locking motor, lock, Rear passenger side window regulator motor

F10	Rear left door contact switch
F222	Rear left central locking lock unit
F245	Rear left door central locking actuator for SAFELOCK function
T8as	8-pin connector, black
T10aa	10-pin connector, black
T19a	19-pin connector, black
T19c	19-pin connector, black
TTHL	Coupling point for rear left door
VX23	Rear left door lock unit
V214	Rear left door central locking motor, lock
V472	Rear passenger side window regulator motor
*	Only models with no ambient lighting
*2	Only models with ambient lighting, version 1
*3	From November 2016
*4	Up to November 2016

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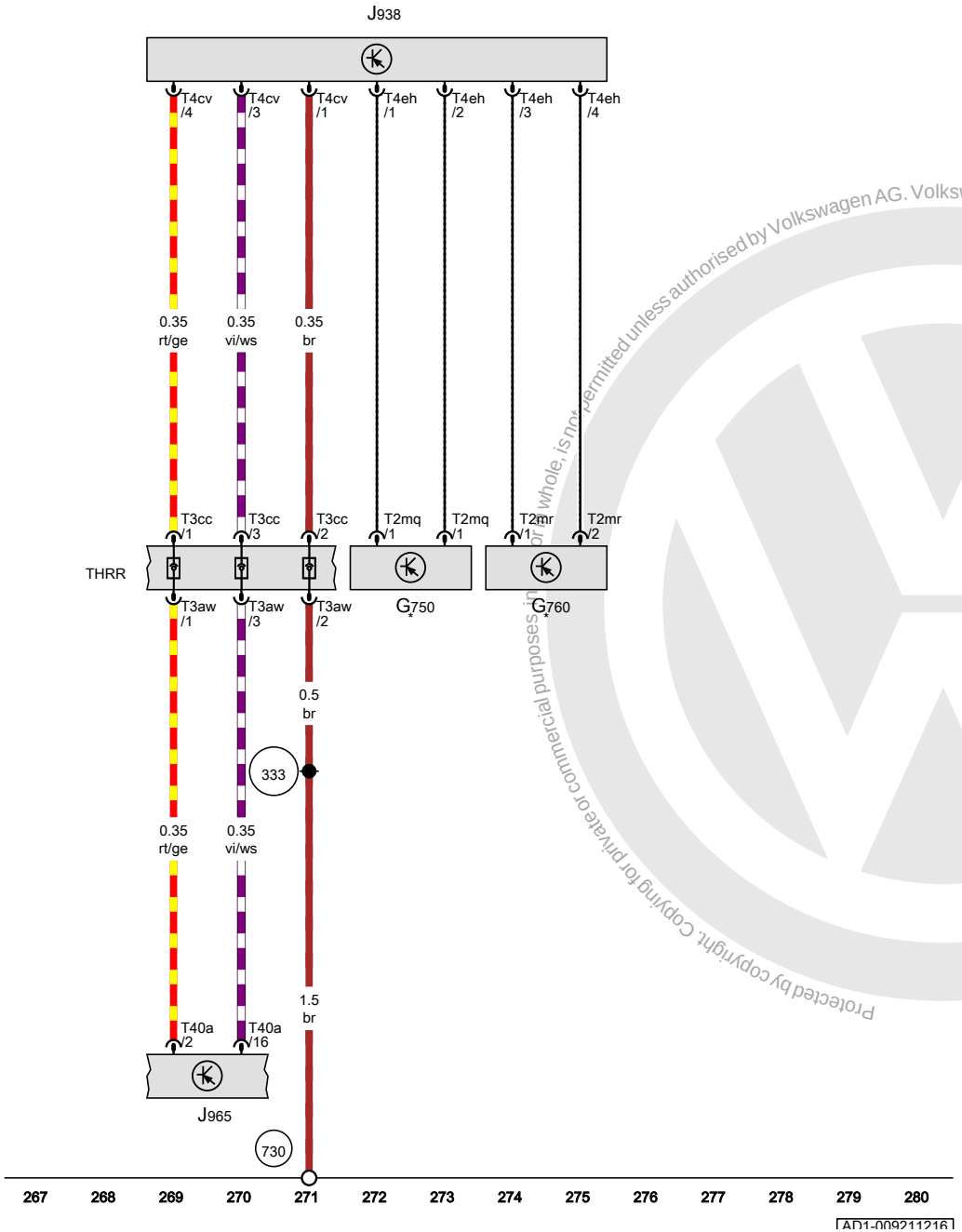
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vi = purple
ge = yellow
or = orange
rs = pink

Interior mirror, Anti-dazzle interior mirror button, Rain and light sensor, Front left footwell light, Front right footwell light, Front interior light

EX5	Interior mirror
E386	Anti-dazzle interior mirror button
G397	Rain and light sensor
J533	Data bus diagnostic interface
K268	Front left footwell light
K269	Front right footwell light
T2cp	2-pin connector, black
T2cq	2-pin connector, black
T3ao	3-pin connector, black
T6w	6-pin connector, blue
T8k	8-pin connector, black
T20a	20-pin connector, red
WX1	Front interior light
44	Earth point, lower part of left A-pillar
277	Earth connection 3, in interior wiring harness
279	Earth connection 5, in interior wiring harness
294	Earth connection 9, in interior wiring harness
B156	Positive connection (30a), in interior wiring harness
B433	Connection (footwell light), in main wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
W71	Connection (reversing light), in rear wiring harness
*	Only models with main beam assist
*2	Only models with overhead view camera
*3	Only models with no overhead view camera
*4	Only models with no main beam assist function
*5	From November 2016
*6	Up to November 2016

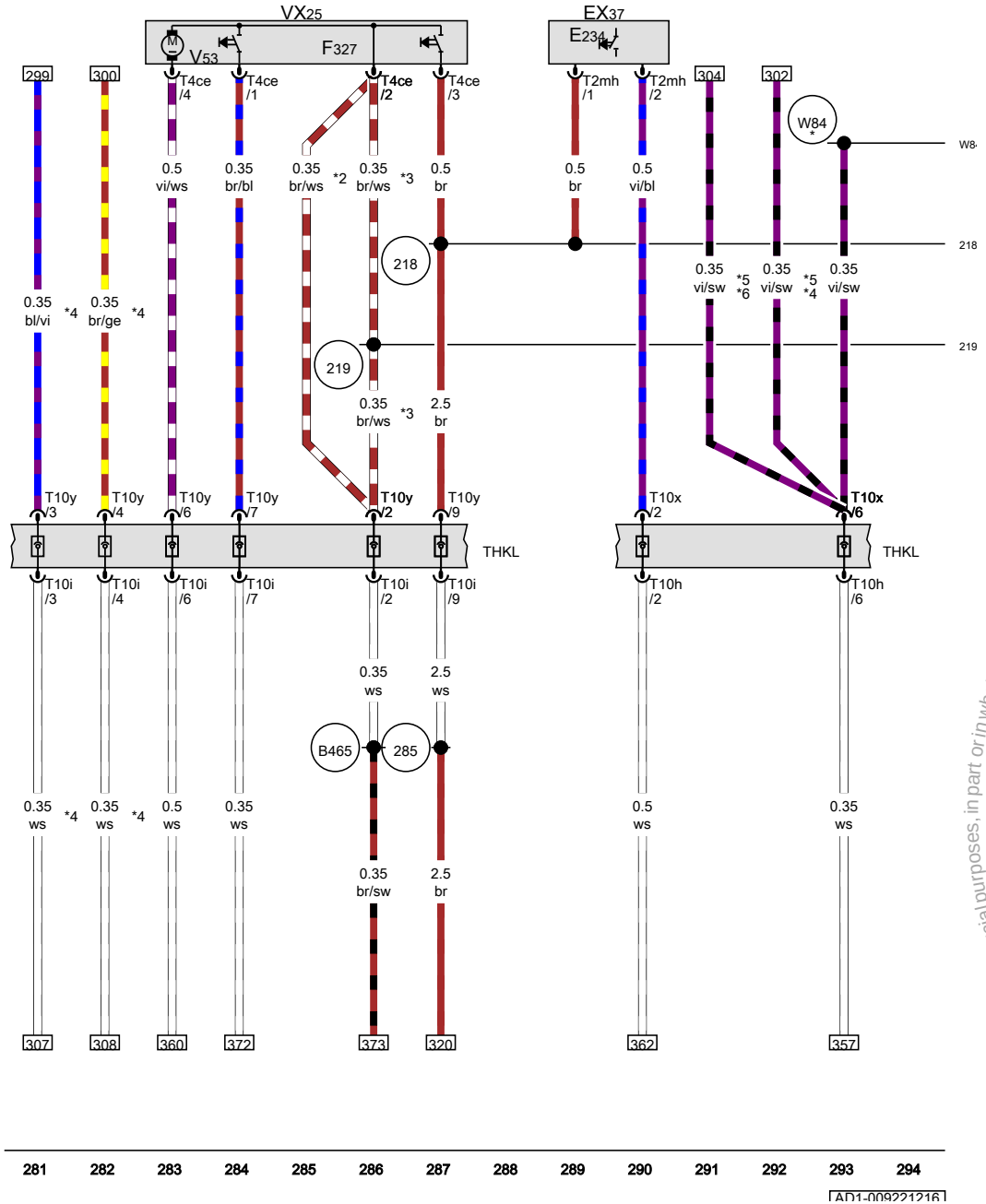


Rear lid power opening sender, Rear lid power opening sender 2, Rear lid power opening control unit, Interface for entry and start system

G750	Rear lid power opening sender
G760	Rear lid power opening sender 2
J938	Rear lid power opening control unit
J965	Interface for entry and start system
T2mq	2-pin connector, black
T2mr	2-pin connector, black
T3aw	3-pin connector, black
T3cc	3-pin connector, black
T4cv	4-pin connector, black
T4eh	4-pin connector, black
T40a	40-pin connector, black
THRR	Coupling point in luggage compartment, right
333	Earth connection 5, in rear wiring harness
730	Earth point 1, on right rear wheel housing
*	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
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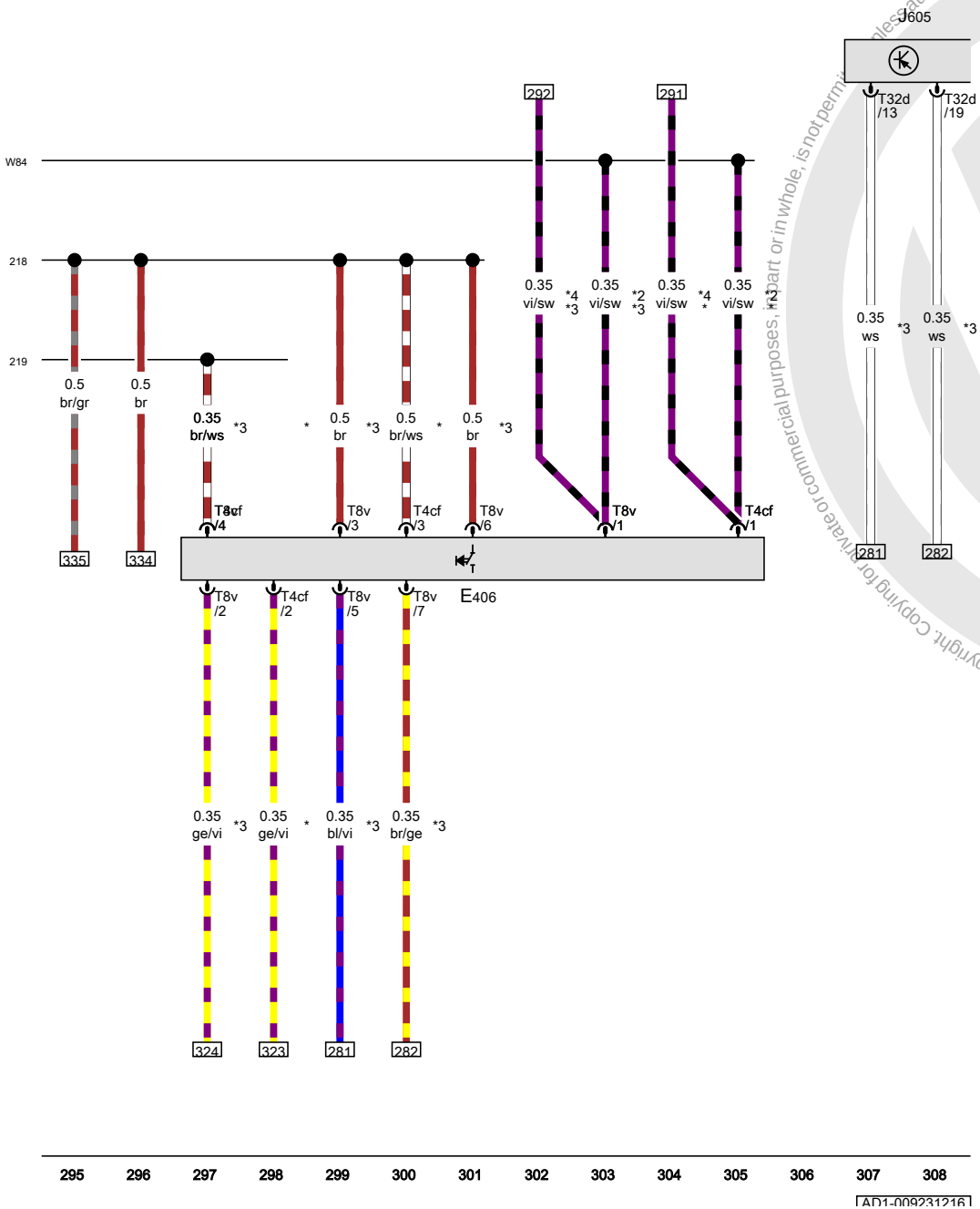


Rear lid handle, Rear lid handle release button, Central locking rear lid lock unit, Rear lid lock unit, Rear lid central locking motor

EX37	Rear lid handle
E234	Rear lid handle release button
F327	Central locking rear lid lock unit
T2mh	2-pin connector, black
T4ce	4-pin connector, black
T10h	10-pin connector, black
T10i	10-pin connector, brown
T10x	10-pin connector, black
T10y	10-pin connector, brown
THKL	Coupling point on rear lid, left
VX25	Rear lid lock unit
V53	Rear lid central locking motor
218	Earth connection 1, in rear lid wiring harness
219	Earth connection 2, in rear lid wiring harness
285	Earth connection 7, in interior wiring harness
B465	Connection 1, in main wiring harness
W84	Positive connection (30g), in rear lid wiring harness
*	From May 2016
*2	Only models with no electric rear lid opener
*3	Only models with electric rear lid opener
*4	Only models with sensor-controlled rear lid opener
*5	Up to May 2016
*6	Only models with no sensor-controlled rear lid opener

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Rear lid control unit

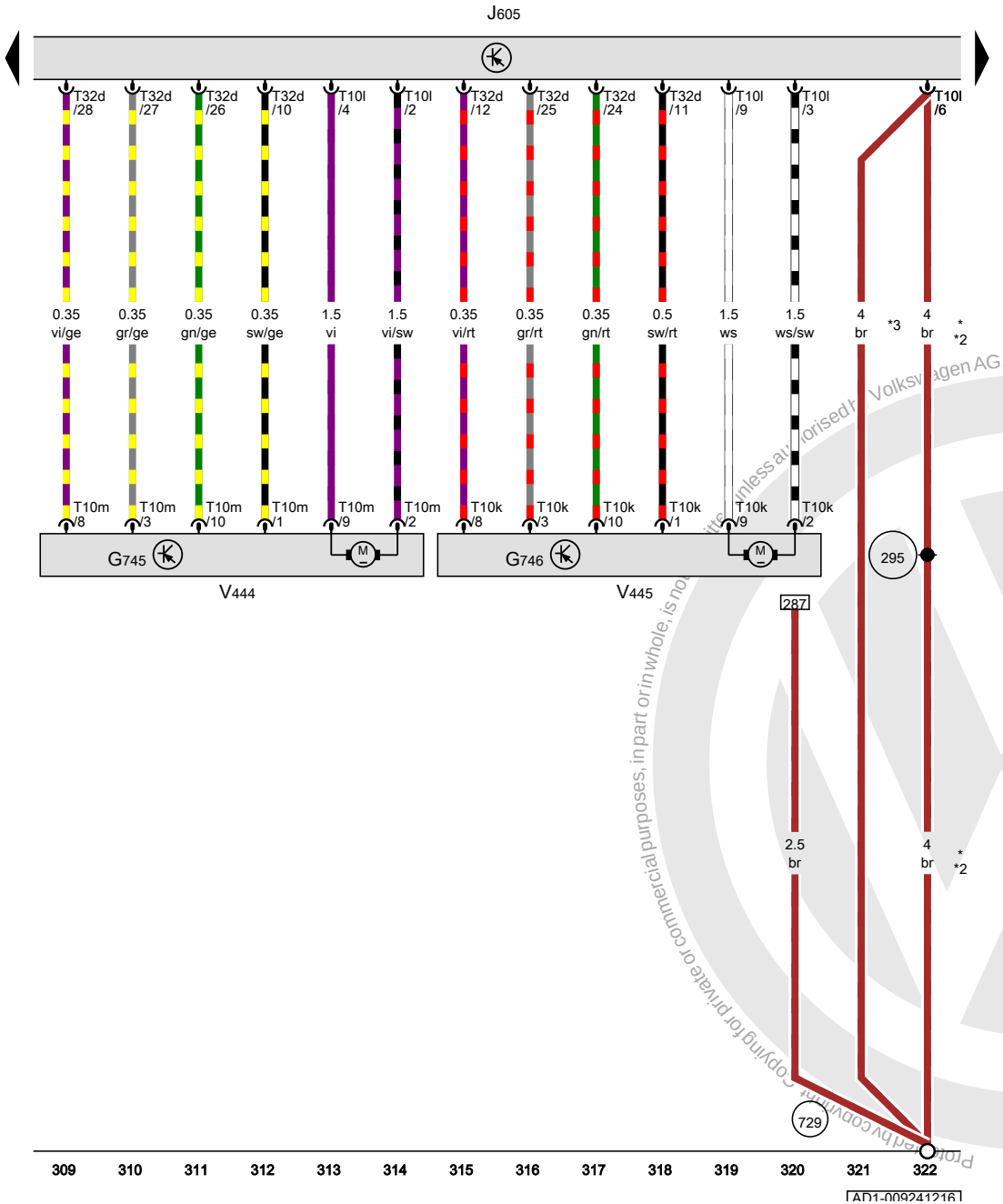
E406	Button to close rear lid in luggage compartment
J605	Rear lid control unit
T4cf	4-pin connector, black
T8v	8-pin connector, black
T32d	32-pin connector, colourless
218	Earth connection 1, in rear lid wiring harness
219	Earth connection 2, in rear lid wiring harness
W84	Positive connection (30g), in rear lid wiring harness
*	Only models with no sensor-controlled rear lid opener
*2	From May 2016
*3	Only models with sensor-controlled rear lid opener
*4	Up to May 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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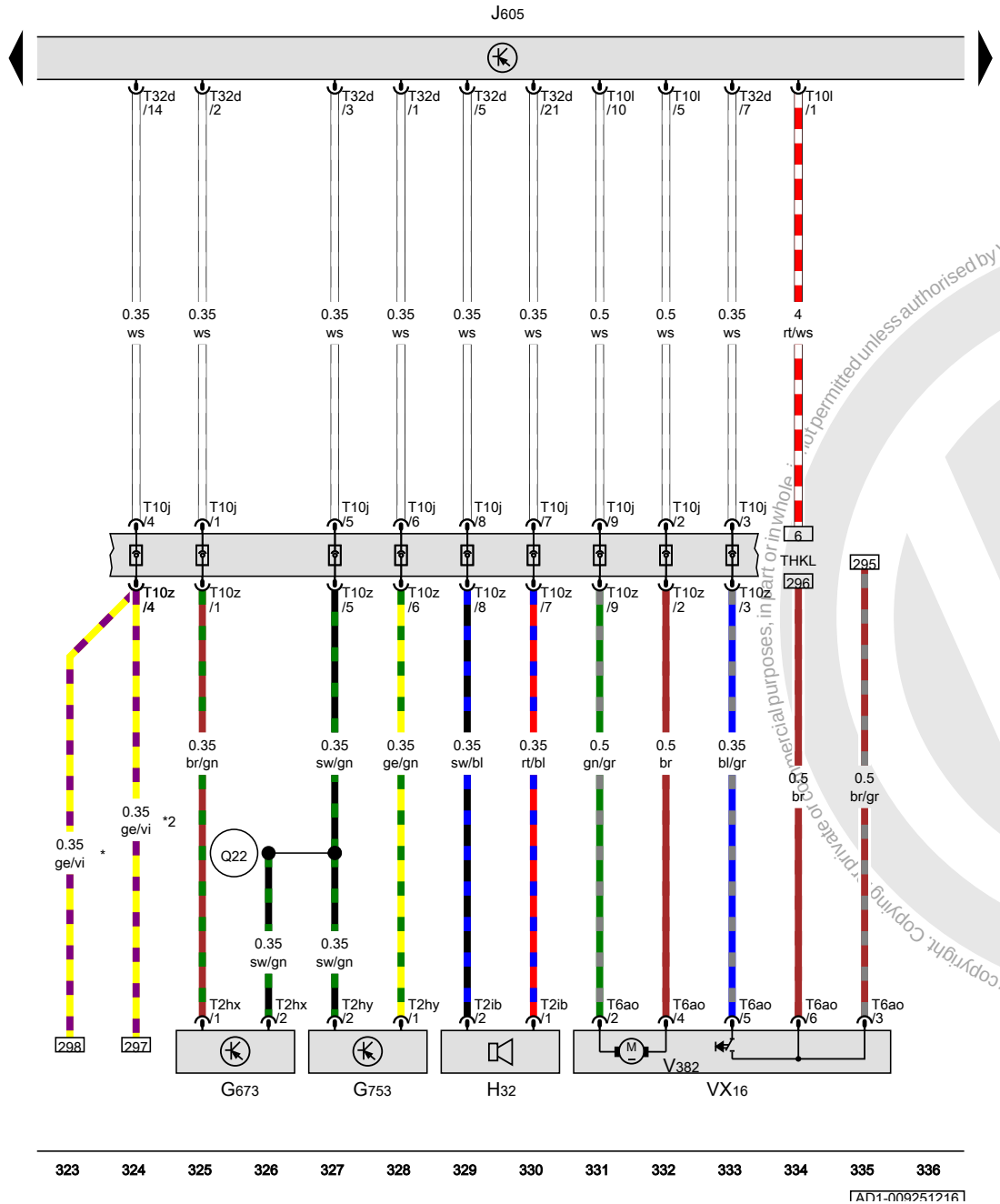
Sensor in motor 1 for rear lid, Sensor in motor 2 for rear lid, Rear lid control unit, Motor 1 for rear lid, Motor 2 for rear lid

G745	Sensor in motor 1 for rear lid
G746	Sensor in motor 2 for rear lid
J605	Rear lid control unit
T10k	10-pin connector, black
T10l	10-pin connector, black
T10m	10-pin connector, black
T32d	32-pin connector, colourless
V444	Motor 1 for rear lid
V445	Motor 2 for rear lid
295	Earth connection 10, in interior wiring harness
729	Earth point, on left rear wheel housing
*	Only models with preparation for trailer coupling
*2	Only models with towing bracket
*3	Only models with no towing bracket



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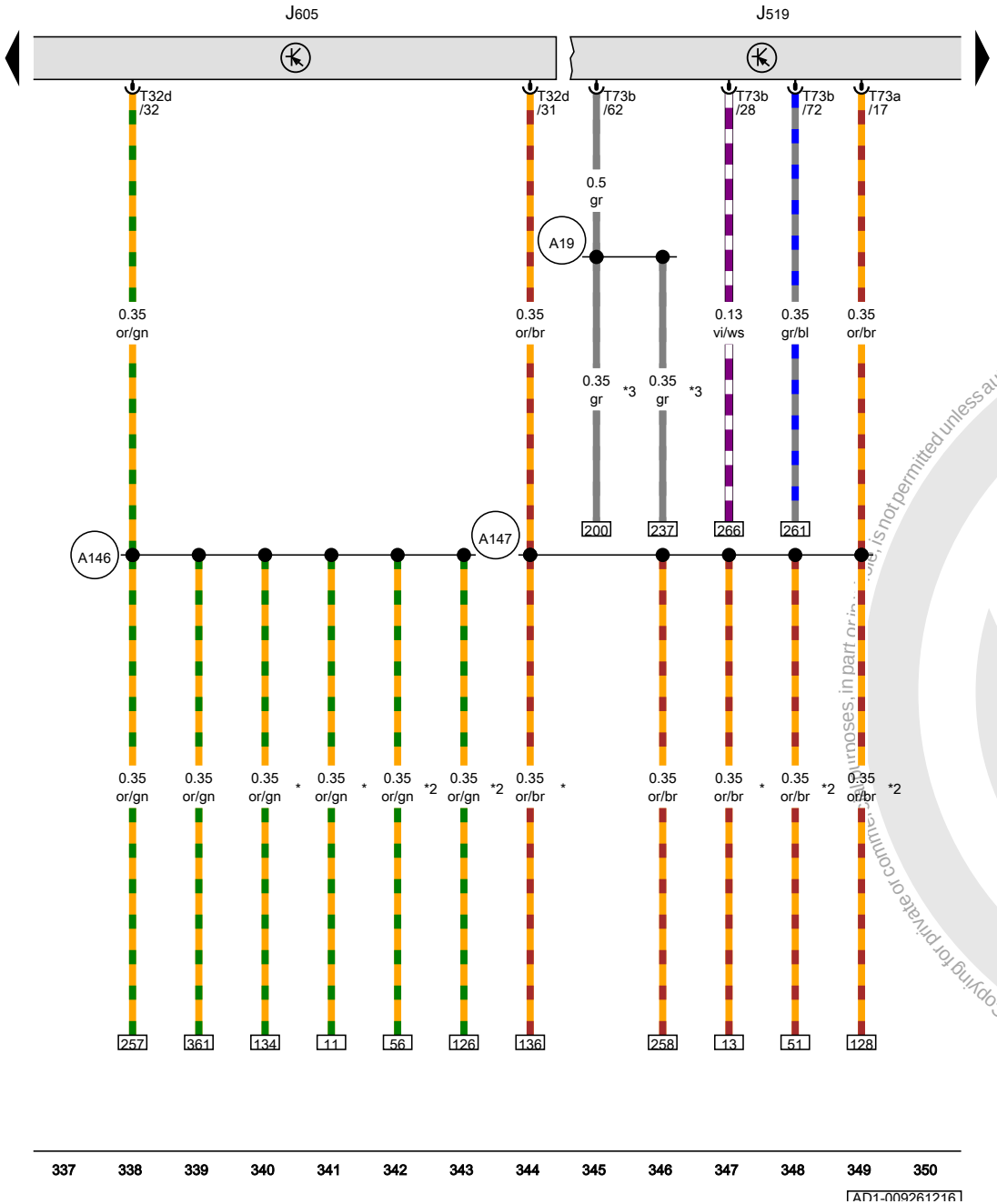


Anti-trapping sender, Anti-trapping sender 2, Rear lid warning buzzer, Rear lid control unit, Power latching motor for rear lid

G673	Anti-trapping sender
G753	Anti-trapping sender 2
H32	Rear lid warning buzzer
J605	Rear lid control unit
T2hx	2-pin connector, black
T2hy	2-pin connector, black
T2ib	2-pin connector, black
T6ao	6-pin connector, black
T10j	10-pin connector, black
T10l	10-pin connector, black
T10z	10-pin connector, black
T32d	32-pin connector, colourless
THKL	Coupling point on rear lid, left
VX16	Power latching for rear lid
V382	Power latching motor for rear lid
Q22	Connection 1, in rear lid wiring harness
*	Only models with no sensor-controlled rear lid opener
*2	Only models with sensor-controlled rear lid opener

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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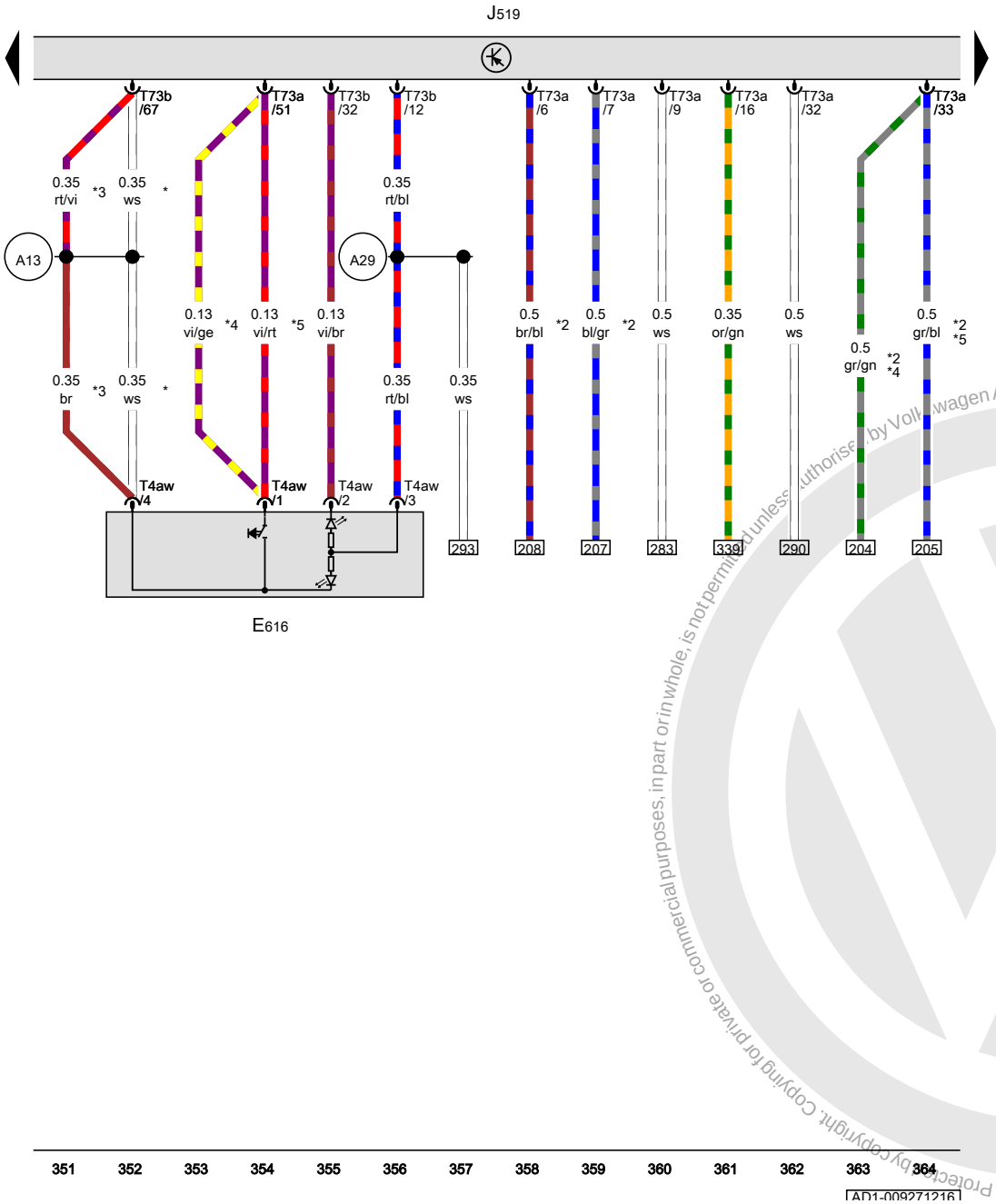


Onboard supply control unit, Rear lid control unit

J519	Onboard supply control unit
J605	Rear lid control unit
T32d	32-pin connector, colourless
T73a	73-pin connector, black
T73b	73-pin connector, black
A19	Connection (58d), in dash panel wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with no overhead view camera
*2	Only models with overhead view camera
*3	Only models with no ambient lighting

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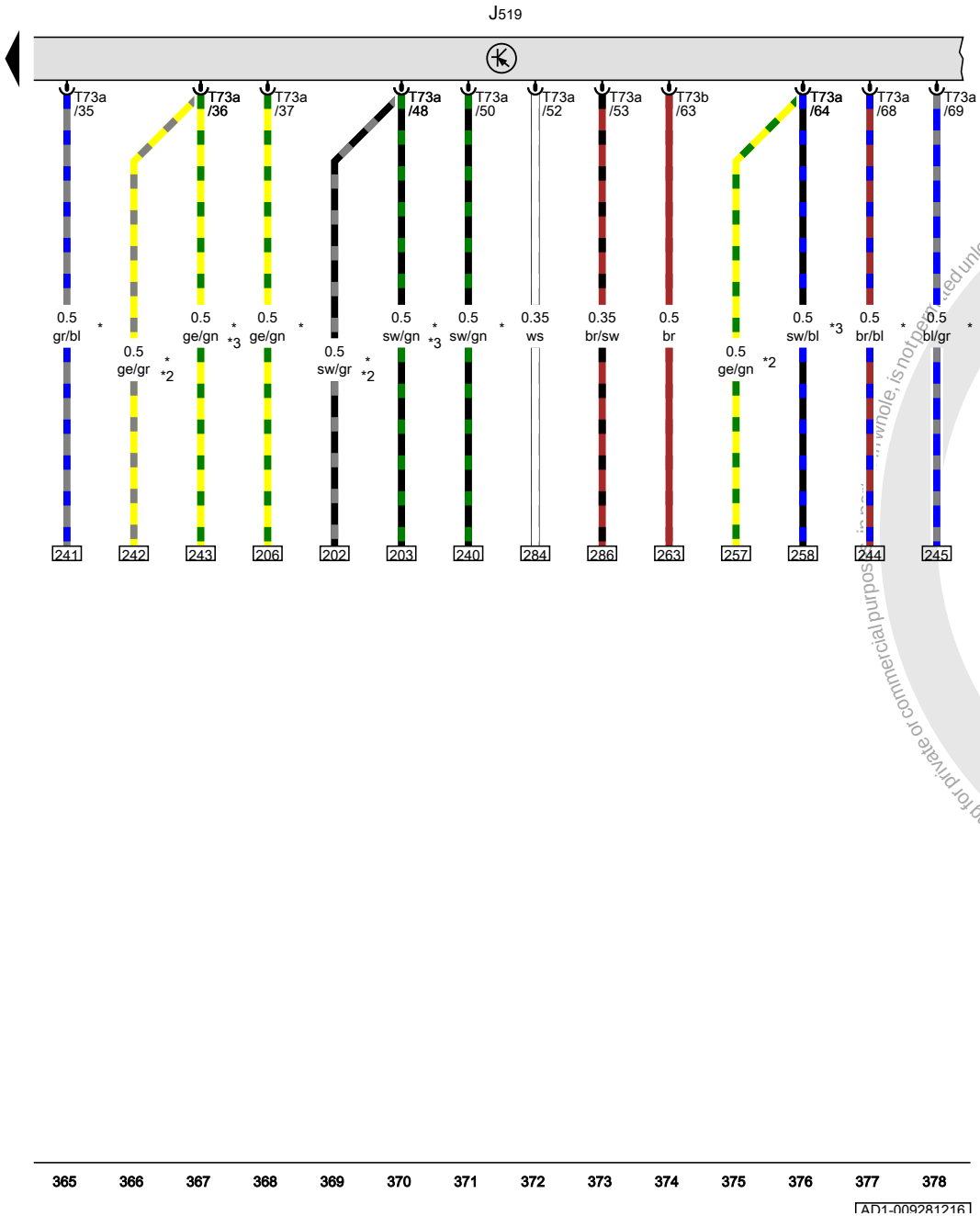


Button for deactivating interior monitoring and vehicle inclination sensor, Onboard supply control unit

E616	Button for deactivating interior monitoring and vehicle inclination sensor
J519	Onboard supply control unit
T4aw	4-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, black
A13	Connection (door contact switch), in dash panel wiring harness
A29	Connection (interior light), in dash panel wiring harness
*	From May 2016
*2	Only models with no ambient lighting
*3	Up to May 2016
*4	From November 2016
*5	Up to November 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Onboard supply control unit

J519	Onboard supply control unit
T73a	73-pin connector, black
T73b	73-pin connector, black
*	Only models with no ambient lighting
*2	From November 2016
*3	Up to November 2016

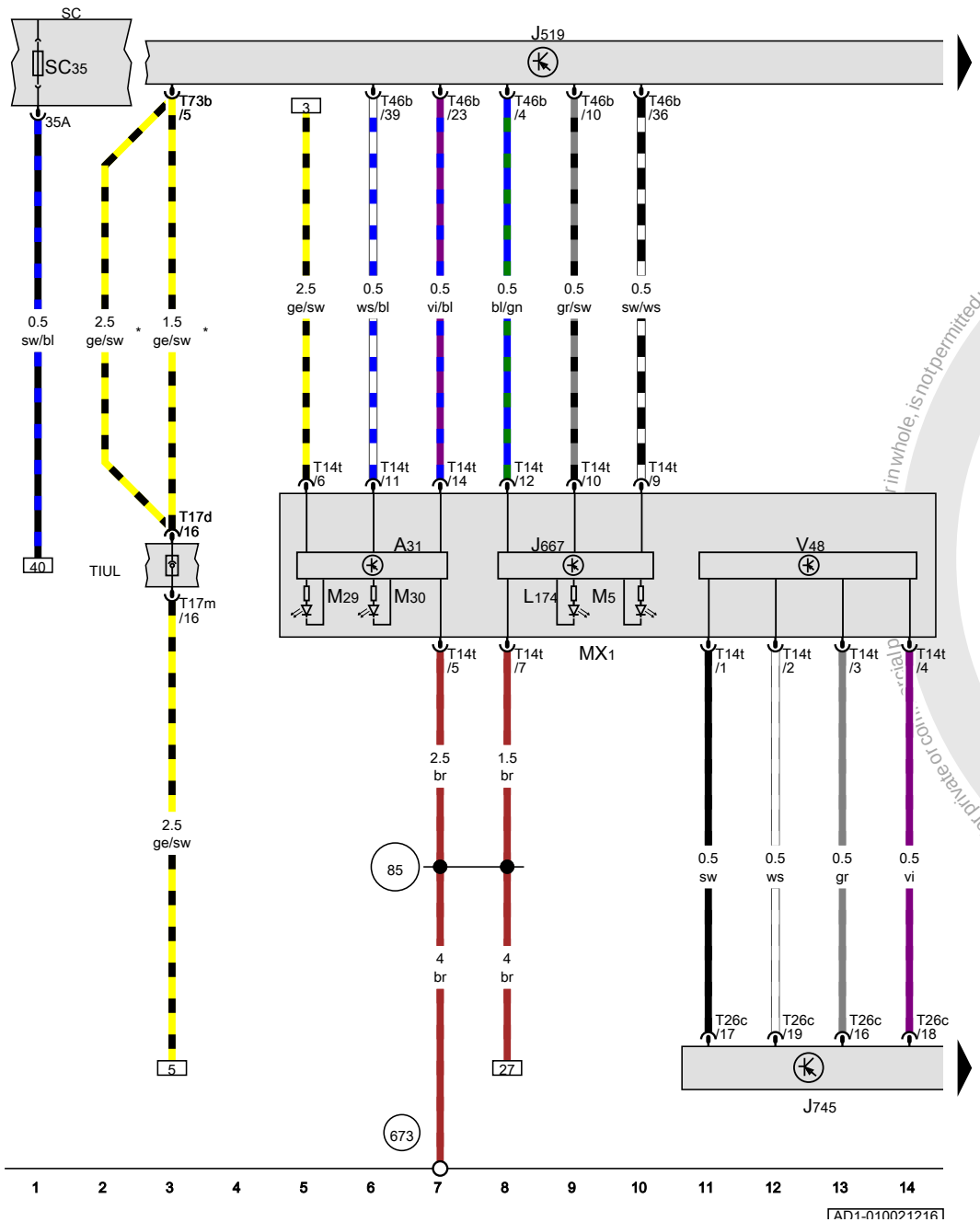
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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LED headlights , (8IT),(8Q3)

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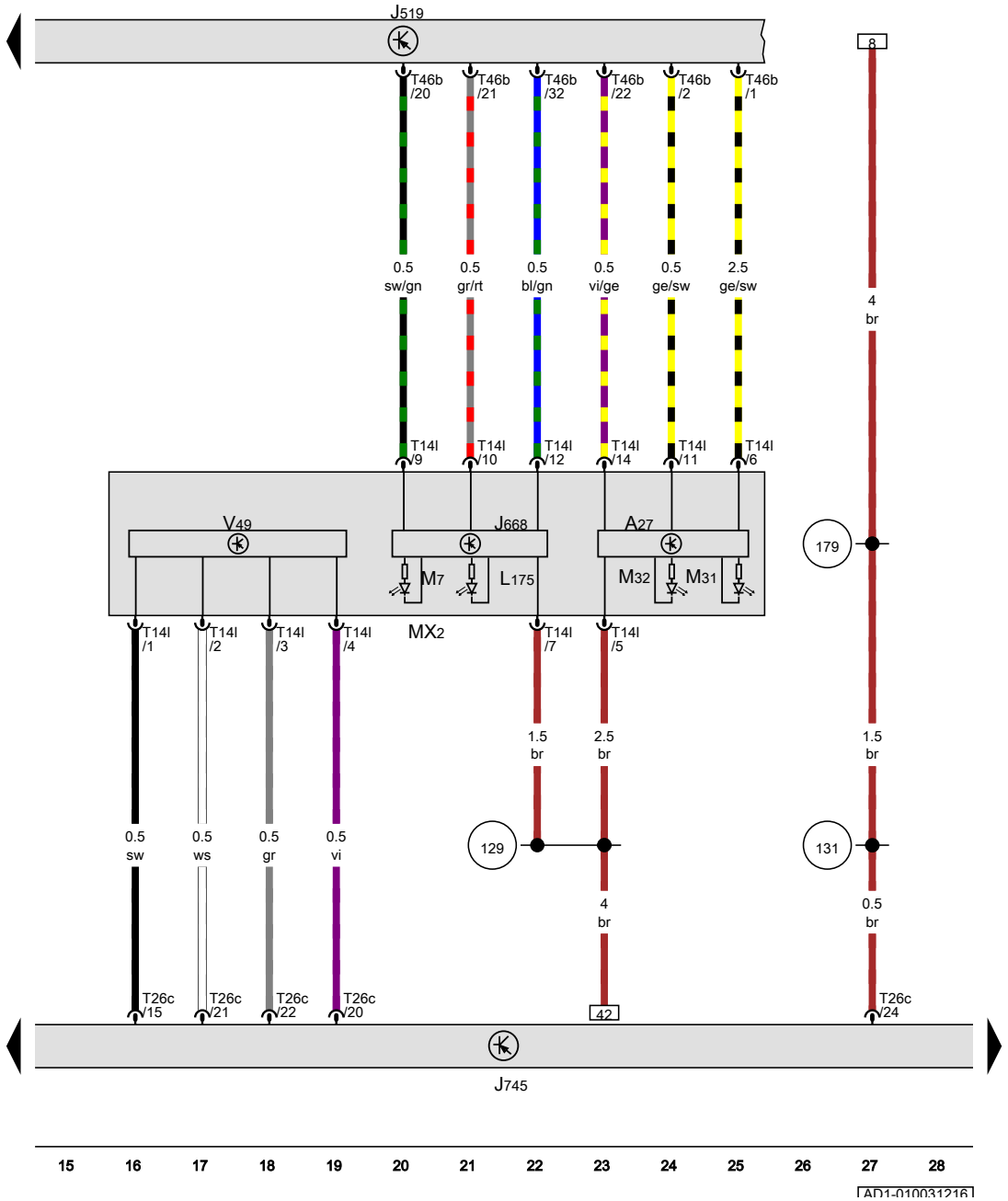


Onboard supply control unit, Control unit for cornering light and headlight range control, Front left headlight, Fuse holder C

A31	Output module 1 for left LED headlight
J519	Onboard supply control unit
J667	Output module for left headlight
J745	Control unit for cornering light and headlight range control
L174	Left daytime running light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
SC	Fuse holder C
SC35	Fuse 35 on fuse holder C
T14t	14-pin connector, black
T17d	17-pin connector, red
T17m	17-pin connector, red
T26c	26-pin connector, black
T46b	46-pin connector, black
T73b	73-pin connector, black
TIUL	Coupling point in interior, below left
V48	Left headlight range control motor
85	Earth connection 1, in engine compartment wiring harness
673	Earth point 3, on front of left longitudinal member
*	According to equipment

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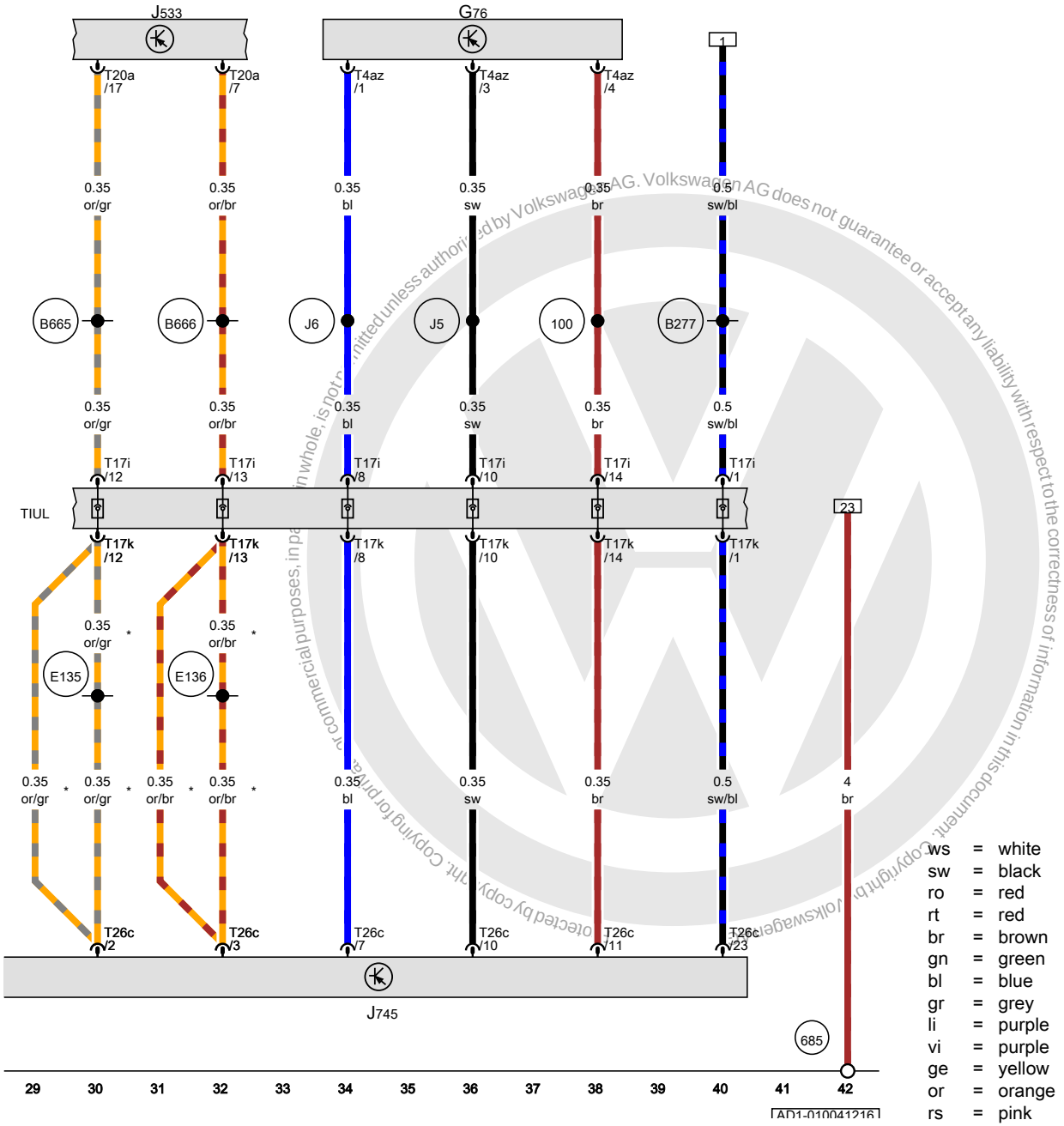


Onboard supply control unit, Control unit for cornering light and headlight range control, Front right headlight

A27	Output module 1 for right LED headlight
J519	Onboard supply control unit
J668	Output module for right headlight
J745	Control unit for cornering light and headlight range control
L175	Right daytime running light bulb
MX2	Front right headlight
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
T14l	14-pin connector, black
T26c	26-pin connector, black
T46b	46-pin connector, black
V49	Right headlight range control motor
129	Earth connection, in dual tone horn wiring harness
131	Earth connection 2, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness

ws	=	white
sw	=	black
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rt	=	red
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Rear left vehicle level sender, Data bus diagnostic interface, Control unit for cornering light and headlight range control

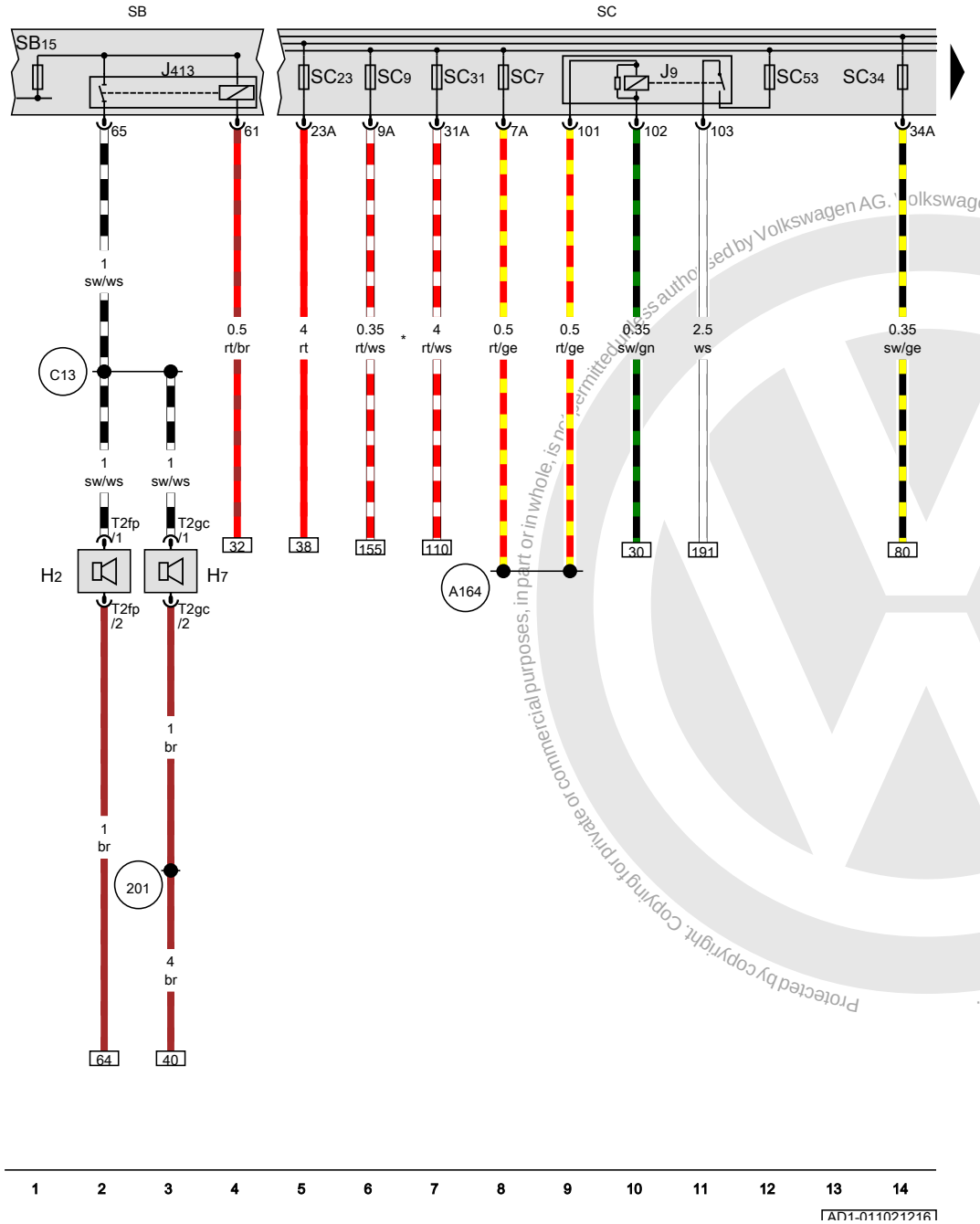
G76	Rear left vehicle level sender
J533	Data bus diagnostic interface
J745	Control unit for cornering light and headlight range control
T4az	4-pin connector, black
T17i	17-pin connector, black
T17k	17-pin connector, black
T20a	20-pin connector, red
T26c	26-pin connector, black
TIUL	Coupling point in interior, below left
100	Earth connection 1, in ABS wiring harness
685	Earth point 1, on front of right longitudinal member
B277	Positive connection 1 (15a) in main wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
E135	Connection (CAN bus extended high), in engine compartment wiring harness
E136	Connection (CAN bus extended low), in engine compartment wiring harness
J5	Connection 2, in ABS wiring harness
J6	Positive connection 2 (30), in ABS wiring harness
*	According to equipment

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Basic equipment

From January 2016

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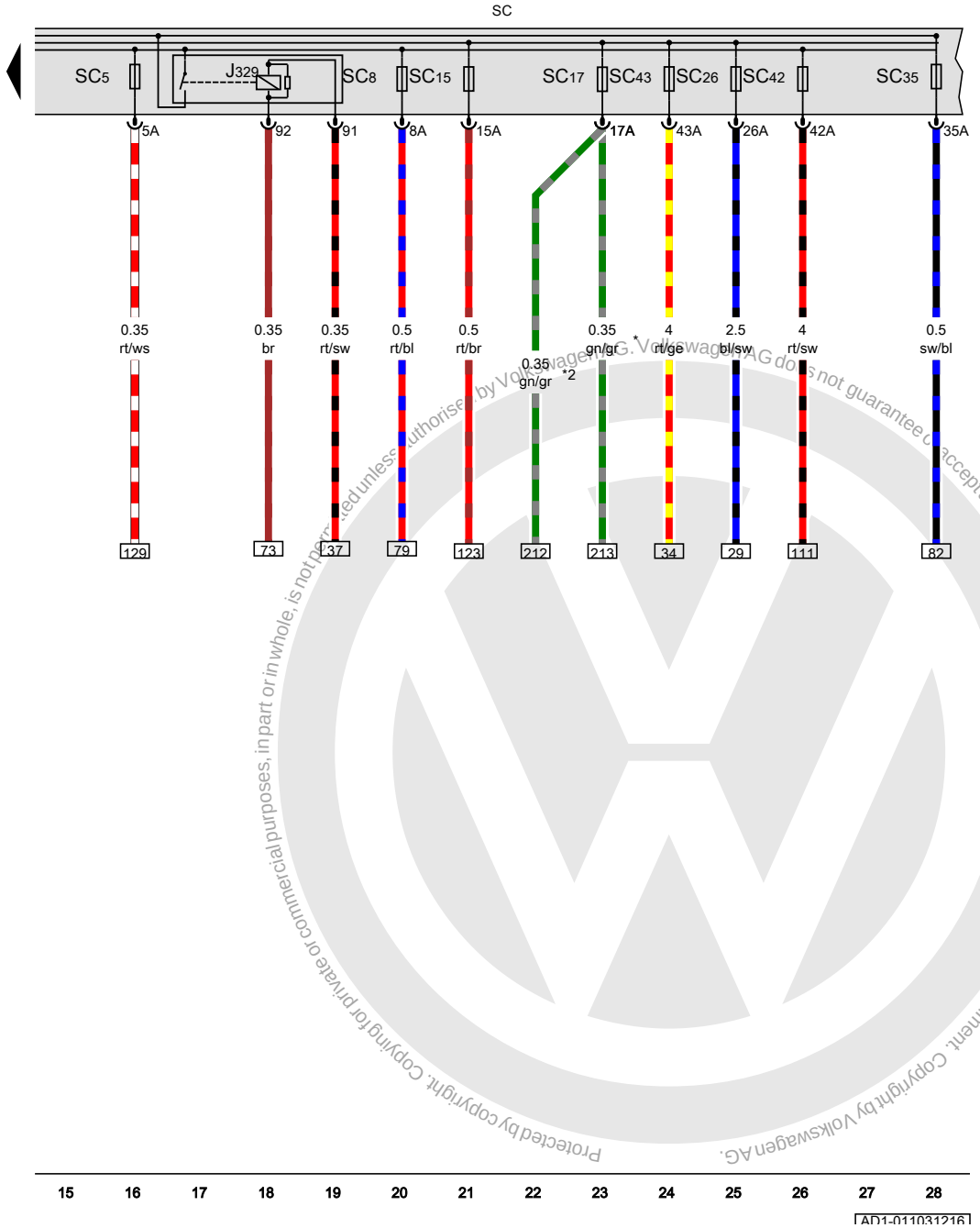


Treble horn, Bass horn, Heated rear window relay, Horn relay, Fuse holder B, Fuse holder C

H2	Treble horn
H7	Bass horn
J9	Heated rear window relay
J413	Horn relay
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
SC	Fuse holder C
SC7	Fuse 7 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC34	Fuse 34 on fuse holder C
SC53	Fuse 53 on fuse holder C
T2fp	2-pin connector, black
T2gc	2-pin connector, black
201	Earth connection 5, in engine compartment wiring harness
A164	Positive connection 2 (30a) in dash panel wiring harness
C13	Positive connection in dual tone horn wiring harness
*	Only models with no heated steering wheel

ws	=	white
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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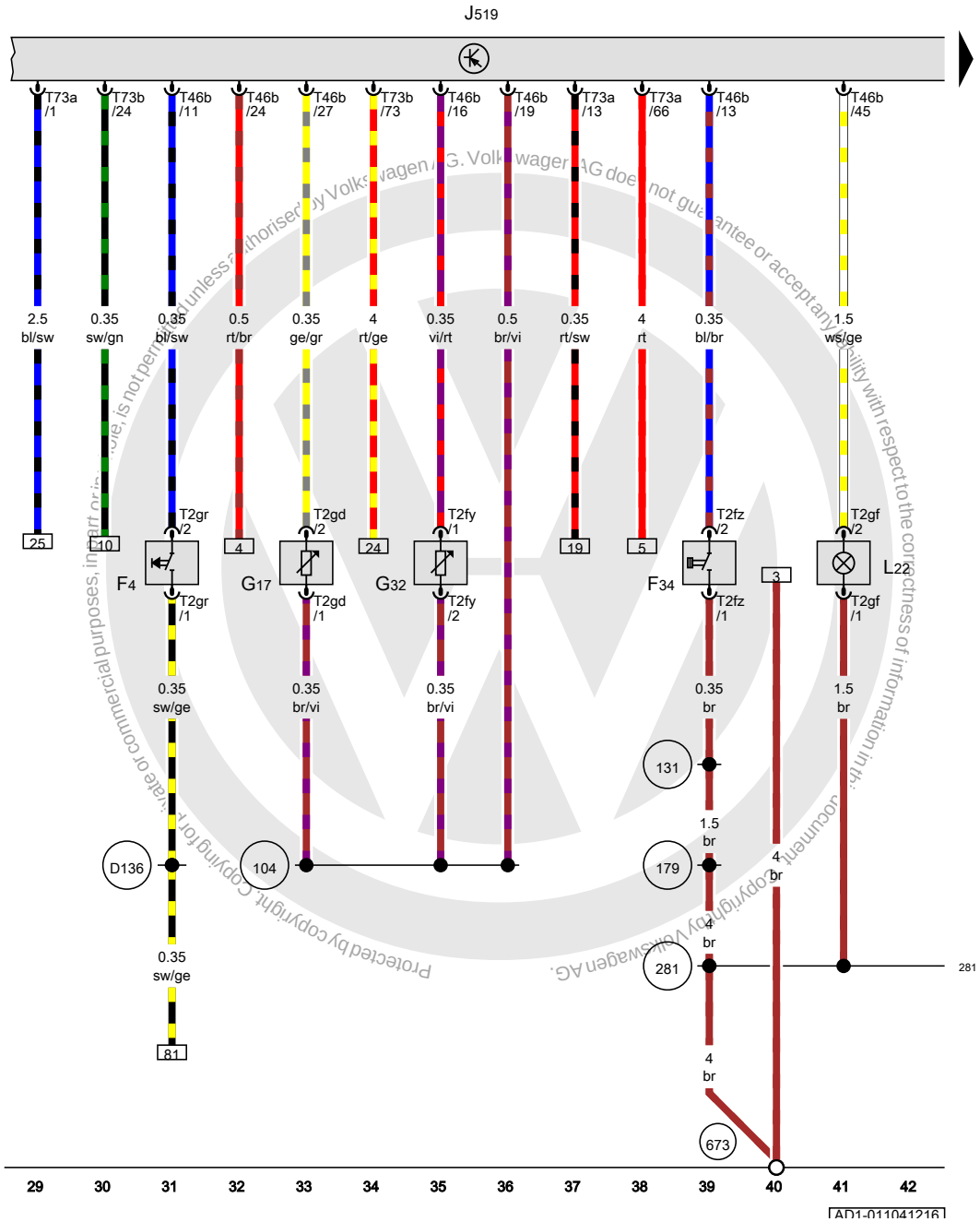


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Terminal 15 voltage supply relay, Fuse holder C

J329	Terminal 15 voltage supply relay
SC	Fuse holder C
SC5	Fuse 5 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC17	Fuse 17 on fuse holder C
SC26	Fuse 26 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC42	Fuse 42 on fuse holder C
SC43	Fuse 43 on fuse holder C
*	According to equipment
*2	Only models with emergency call module

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

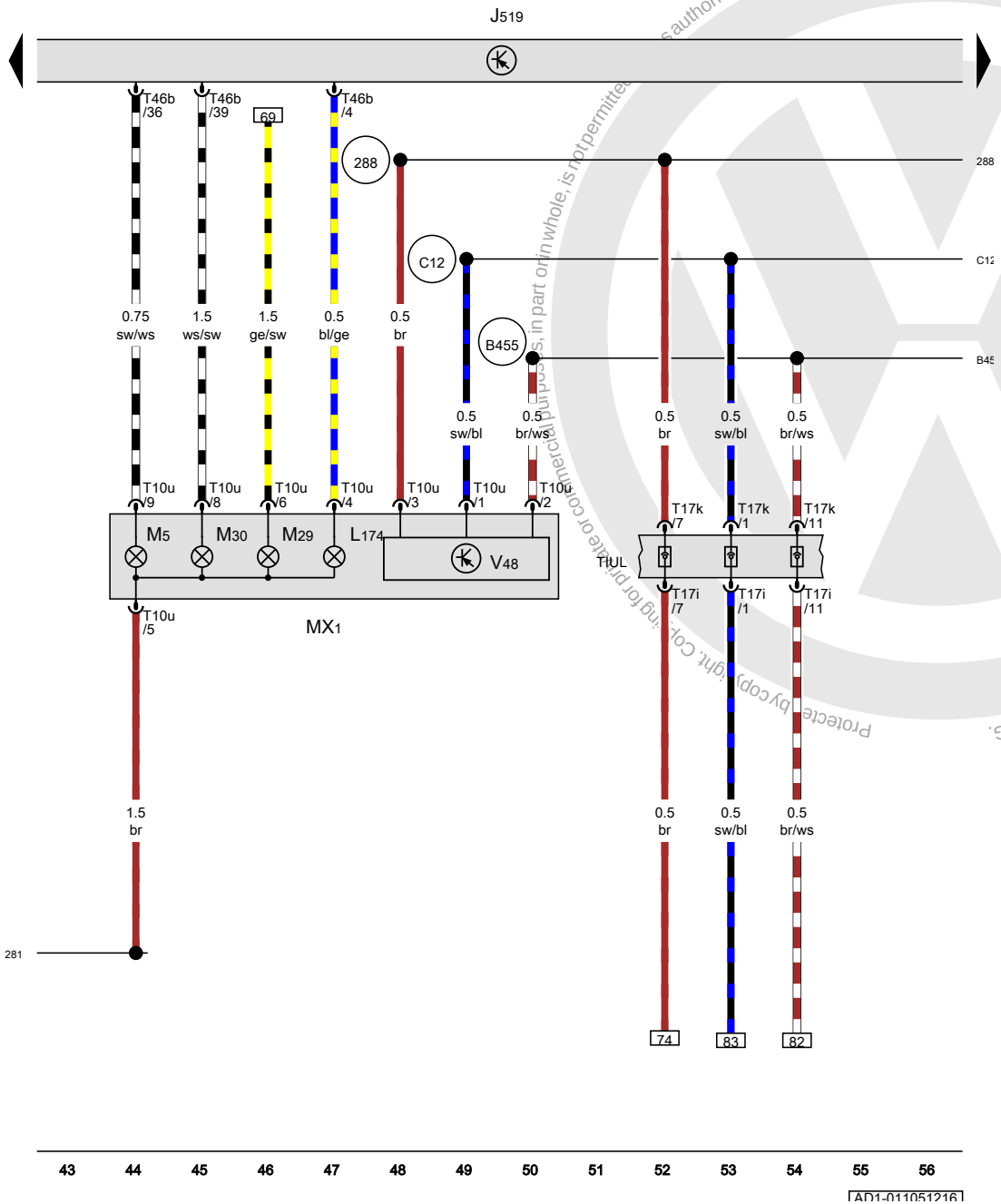


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Brake fluid level warning contact, Ambient temperature sensor, Coolant shortage indicator sender, Onboard supply control unit, Left fog light bulb

F4	Reversing light switch
F34	Brake fluid level warning contact
G17	Ambient temperature sensor
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
L22	Left fog light bulb
T2fy	2-pin connector, black
T2fz	2-pin connector, black
T2gd	2-pin connector, black
T2gf	2-pin connector, black
T2gr	2-pin connector, black
T46b	46-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, black
104	Earth connection in front right wiring harness - sensor earth -
131	Earth connection 2, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
281	Earth point 1, engine prewiring harness
673	Earth point 3, on front of left longitudinal member
D136	Positive connection 2 (15a), in engine compartment wiring harness

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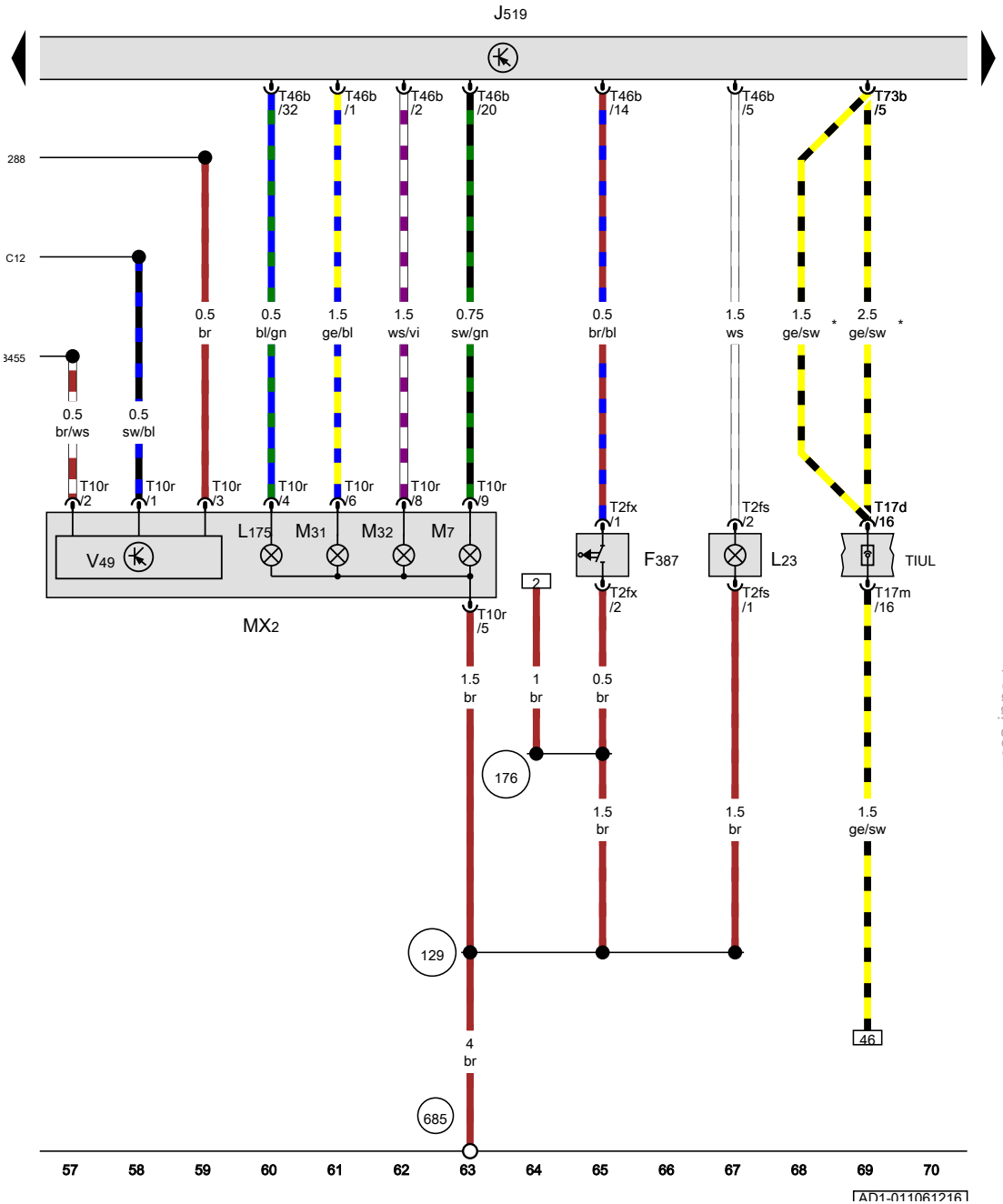


Onboard supply control unit, Left daytime running light bulb, Front left headlight, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor

J519	Onboard supply control unit
L174	Left daytime running light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
T10u	10-pin connector, black
T17i	17-pin connector, black
T17k	17-pin connector, black
T46b	46-pin connector, black
TIUL	Coupling point in interior, below left
V48	Left headlight range control motor
281	Earth point 1, engine prewiring harness
288	Earth connection (HRC), in dash panel wiring harness
B455	Connection (HRC), in main wiring harness
C12	Positive connection 1, in headlight 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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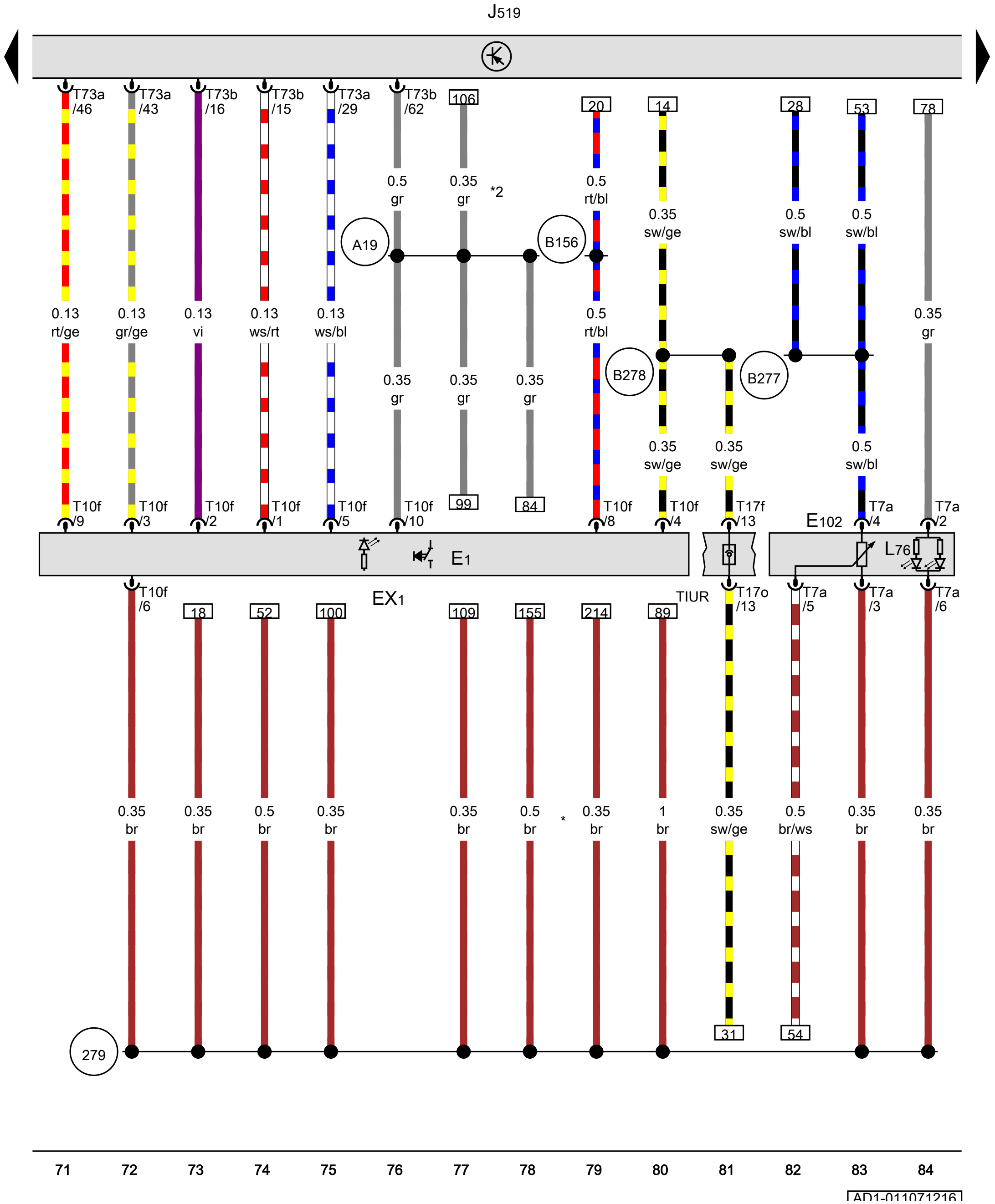


Onboard supply control unit, Right fog light bulb, Right daytime running light bulb, Front right headlight, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Right headlight range control motor

F387	Bonnet contact switch
J519	Onboard supply control unit
L23	Right fog light bulb
L175	Right daytime running light bulb
MX2	Front right headlight
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
T2fs	2-pin connector, black
T2fx	2-pin connector, black
T10r	10-pin connector, black
T17d	17-pin connector, red
T17m	17-pin connector, red
T46b	46-pin connector, black
T73b	73-pin connector, black
TIUL	Coupling point in interior, below left
V49	Right headlight range control motor
129	Earth connection, in dual tone horn wiring harness
176	Earth connection, in right headlight wiring harness
288	Earth connection (HRC), in dash panel wiring harness
685	Earth point 1, on front of right longitudinal member
B455	Connection (HRC), in main wiring harness
C12	Positive connection 1, in headlight 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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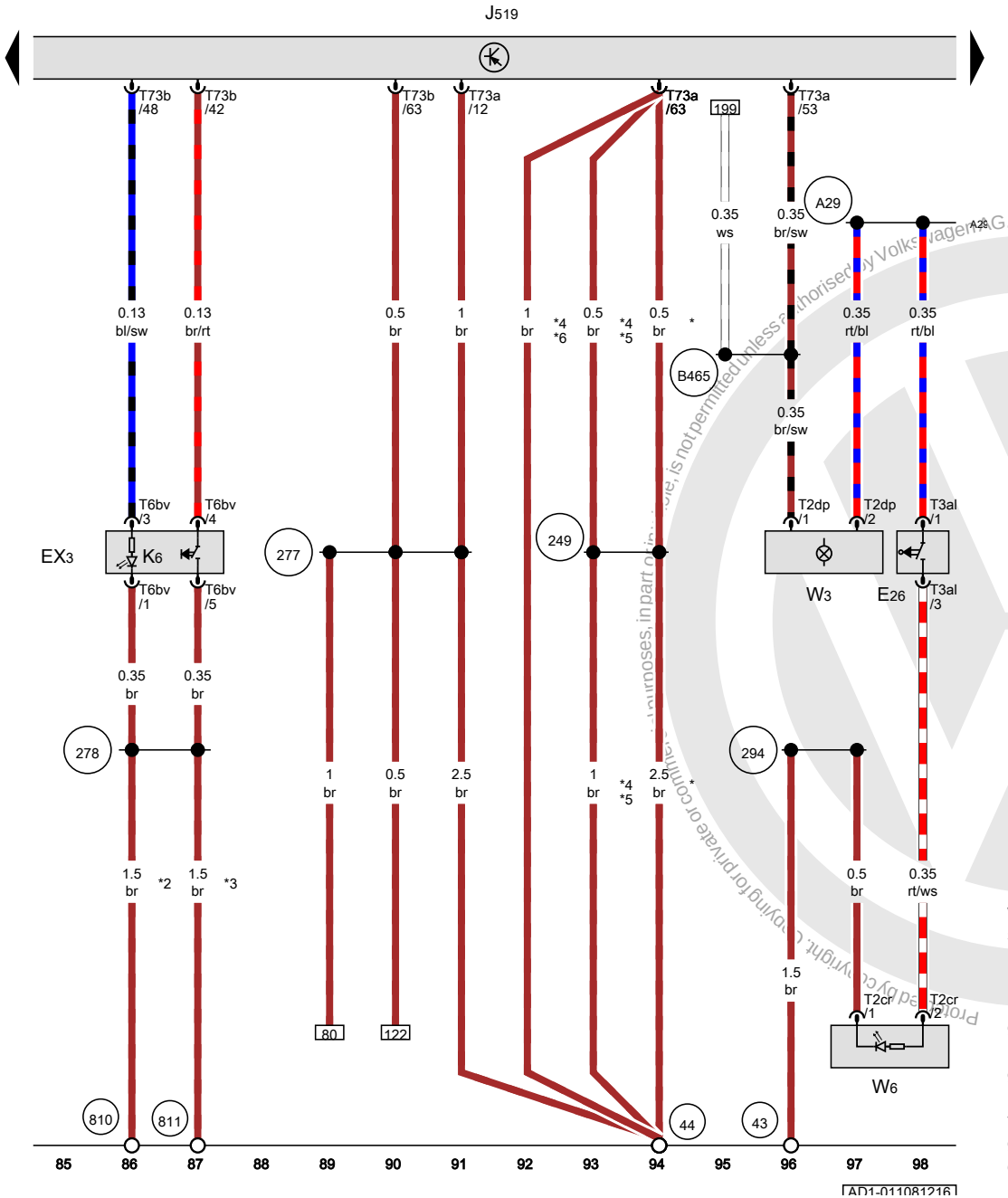


Rotary light switch, Light switch, Headlight range control regulator, Onboard supply control unit, Button illumination bulb

EX1	Rotary light switch
E1	Light switch
E102	Headlight range control regulator
J519	Onboard supply control unit
L76	Button illumination bulb
T7a	7-pin connector, black
T10f	10-pin connector, red
T17f	17-pin connector, black
T17o	17-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, black
TIUR	Coupling point in interior, below right
279	Earth connection 5, in interior wiring harness
A19	Connection (58d), in dash panel wiring harness
B156	Positive connection (30a), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	Only models with no heated steering wheel
*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
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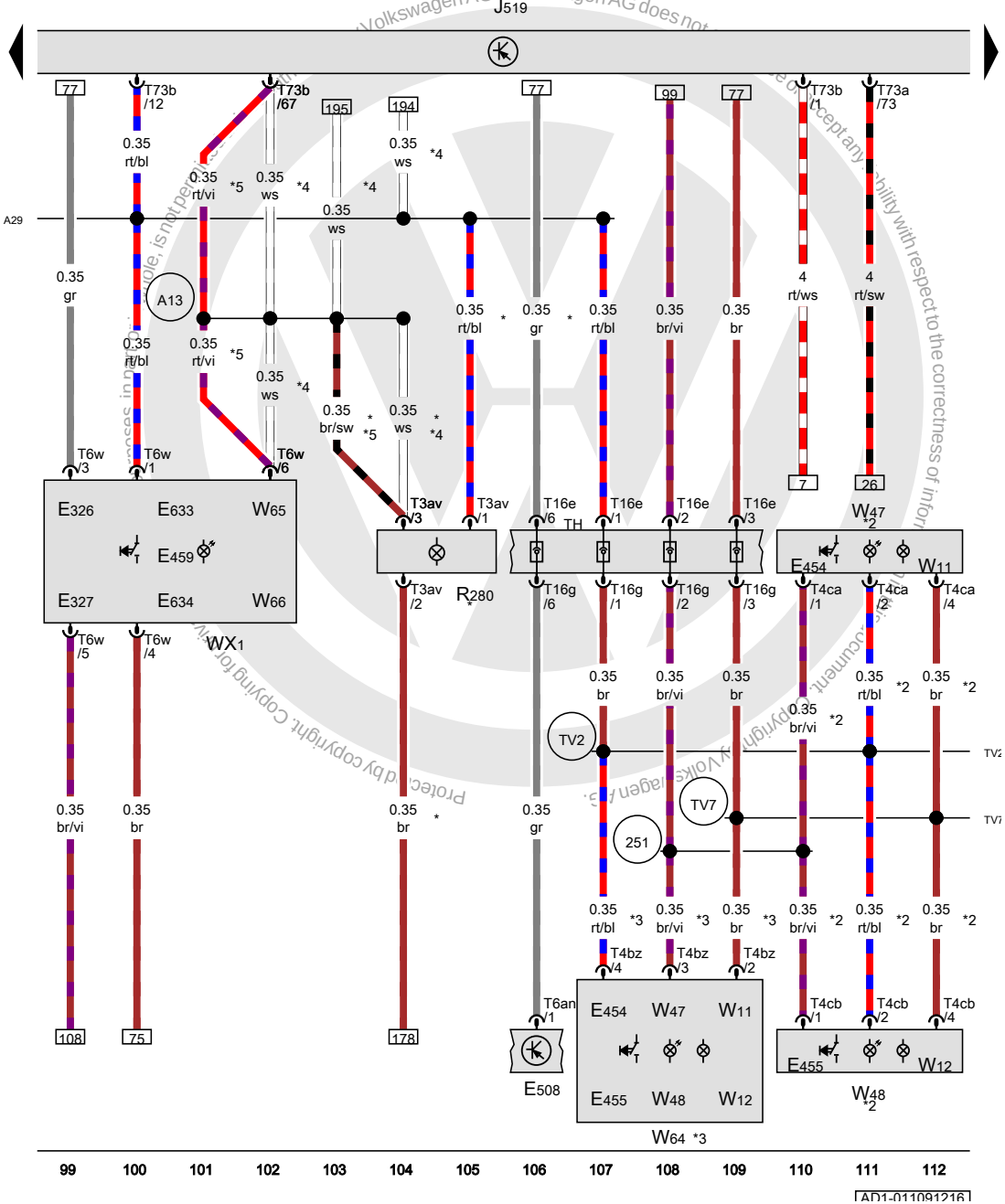


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Hazard warning light switch, Glove compartment light switch, Onboard supply control unit, Indicator lamp for hazard warning light, Luggage compartment light, Glove compartment light

EX3	Hazard warning light switch
E26	Glove compartment light switch
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
T2cr	2-pin connector, black
T2dp	2-pin connector, black
T3al	3-pin connector, black
T6bv	6-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, black
W3	Luggage compartment light
W6	Glove compartment light
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
249	Earth connection 2, in interior wiring harness
277	Earth connection 3, in interior wiring harness
278	Earth connection 4, in interior wiring harness
294	Earth connection 9, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A29	Connection (interior light), in dash panel wiring harness
B465	Connection 1, in main wiring harness
*	Up to November 2016
*2	Only left-hand drive models
*3	Only right-hand drive models
*4	From November 2016
*5	Only models with entry and start authorisation
*6	Only models with no entry and start authorisation

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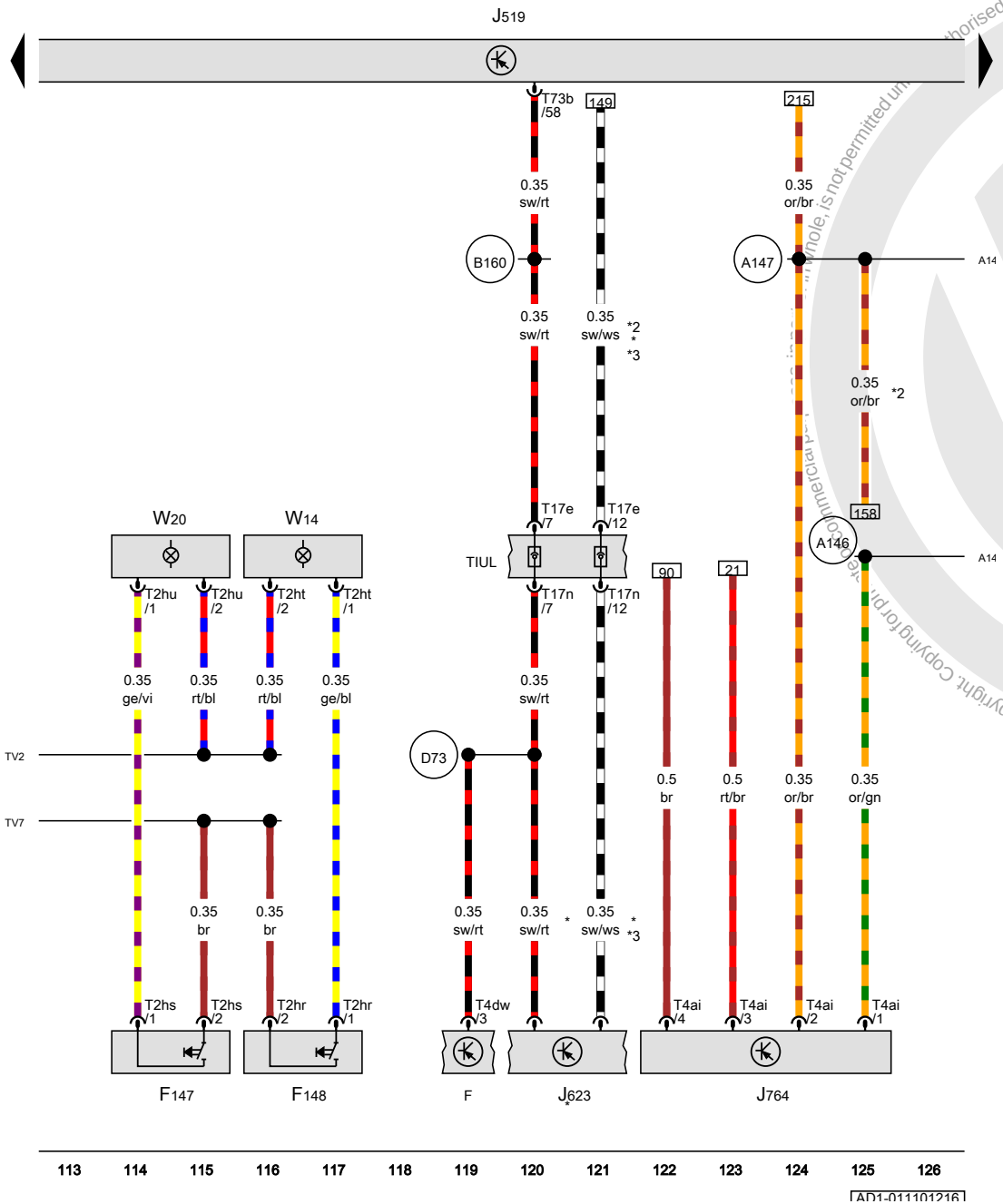


Front interior light button, Rear interior light button, Rear left reading light button, Rear right reading light button, Front interior light (door contact) button, Front left reading light button, Front right reading light button, Onboard supply control unit, Electric torch, Front interior light, Rear left reading light, Rear right reading light, Rear left interior light, Rear right interior light, Interior light, Front left reading light, Front right reading light

E326	Front interior light button
E327	Rear interior light button
E454	Rear left reading light button
E455	Rear right reading light button
E459	Front interior light (door contact) button
E508	Operating unit for preparation for mobile telephone
E633	Front left reading light button
E634	Front right reading light button
J519	Onboard supply control unit
R280	Electric torch
T3av	3-pin connector, black
T4bz	4-pin connector, black
T4ca	4-pin connector, brown
T4cb	4-pin connector, black
T6an	6-pin connector, brown
T6w	6-pin connector, blue
T16e	16-pin connector, brown
T16g	16-pin connector, brown
T73a	73-pin connector, black
T73b	73-pin connector, black
TH	Coupling point for roof
WX1	Front interior light
W11	Rear left reading light
W12	Rear right reading light
W47	Rear left interior light
W48	Rear right interior light
W64	Interior light
W65	Front left reading light
W66	Front right reading light
251	Earth connection, in reading lights wiring harness
A13	Connection (door contact switch), in dash panel wiring harness
A29	Connection (interior light), in dash panel wiring harness
TV2	Terminal 30 wiring junction
TV7	Terminal 31 wiring junction

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

*	~~According to equipment~~
*2	Only models with sliding/tilting sunroof
*3	Only models with no sliding/tilting sunroof
*4	From May 2016

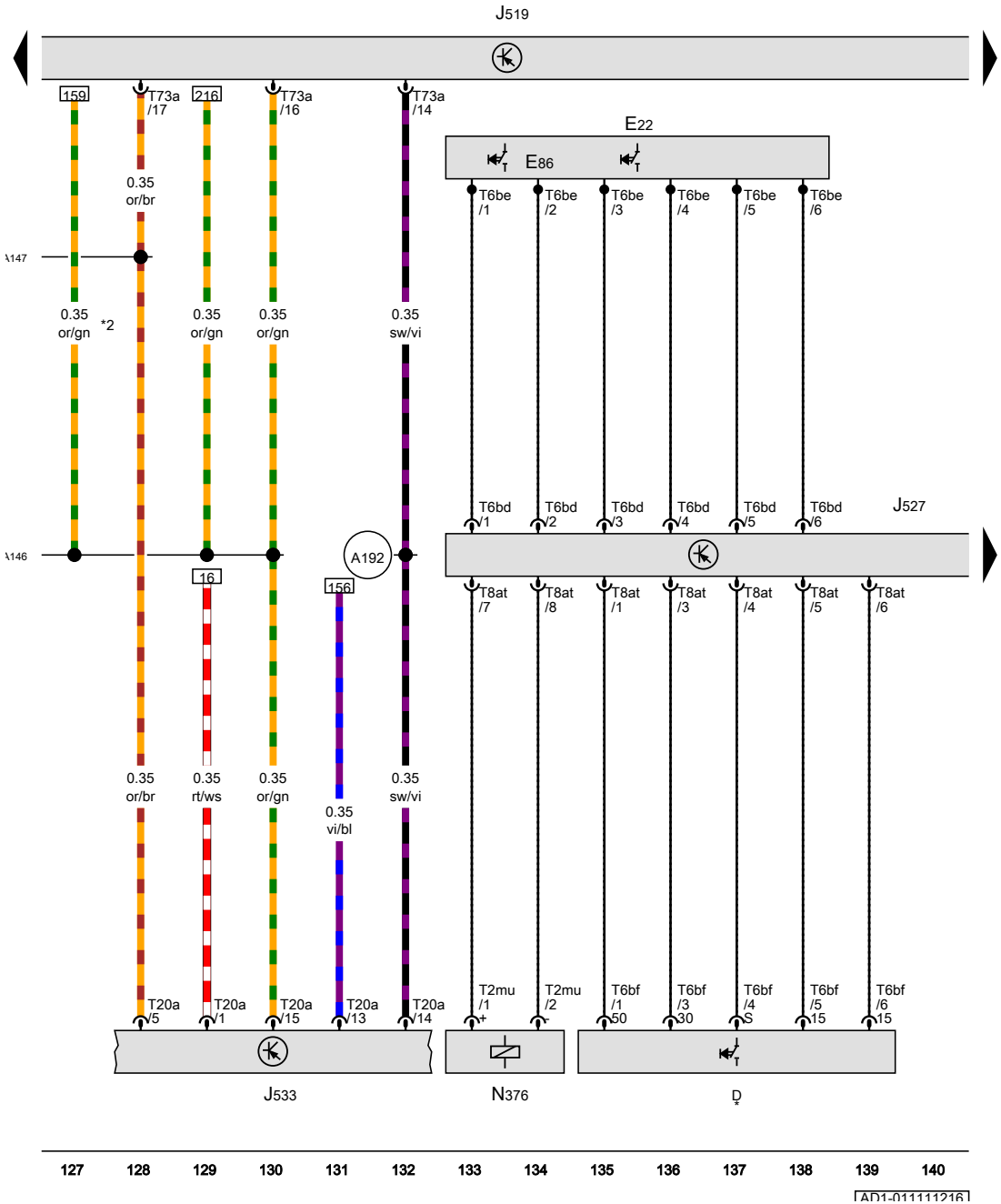


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Brake light switch, Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Onboard supply control unit, Engine control unit, Control unit for electronic steering column lock, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

F	Brake light switch
F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
J519	Onboard supply control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
T2hr	2-pin connector, black
T2hs	2-pin connector, black
T2ht	2-pin connector, black
T2hu	2-pin connector, black
T4ai	4-pin connector, black
T4dw	4-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T73b	73-pin connector, black
TIUL	Coupling point in interior, below left
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B160	Connection (brake system monitor), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness
TV2	Terminal 30 wiring junction
TV7	Terminal 31 wiring junction
*	see applicable current flow diagram for engine
*2	Only models with no heated steering wheel
*3	Only models with cruise control system

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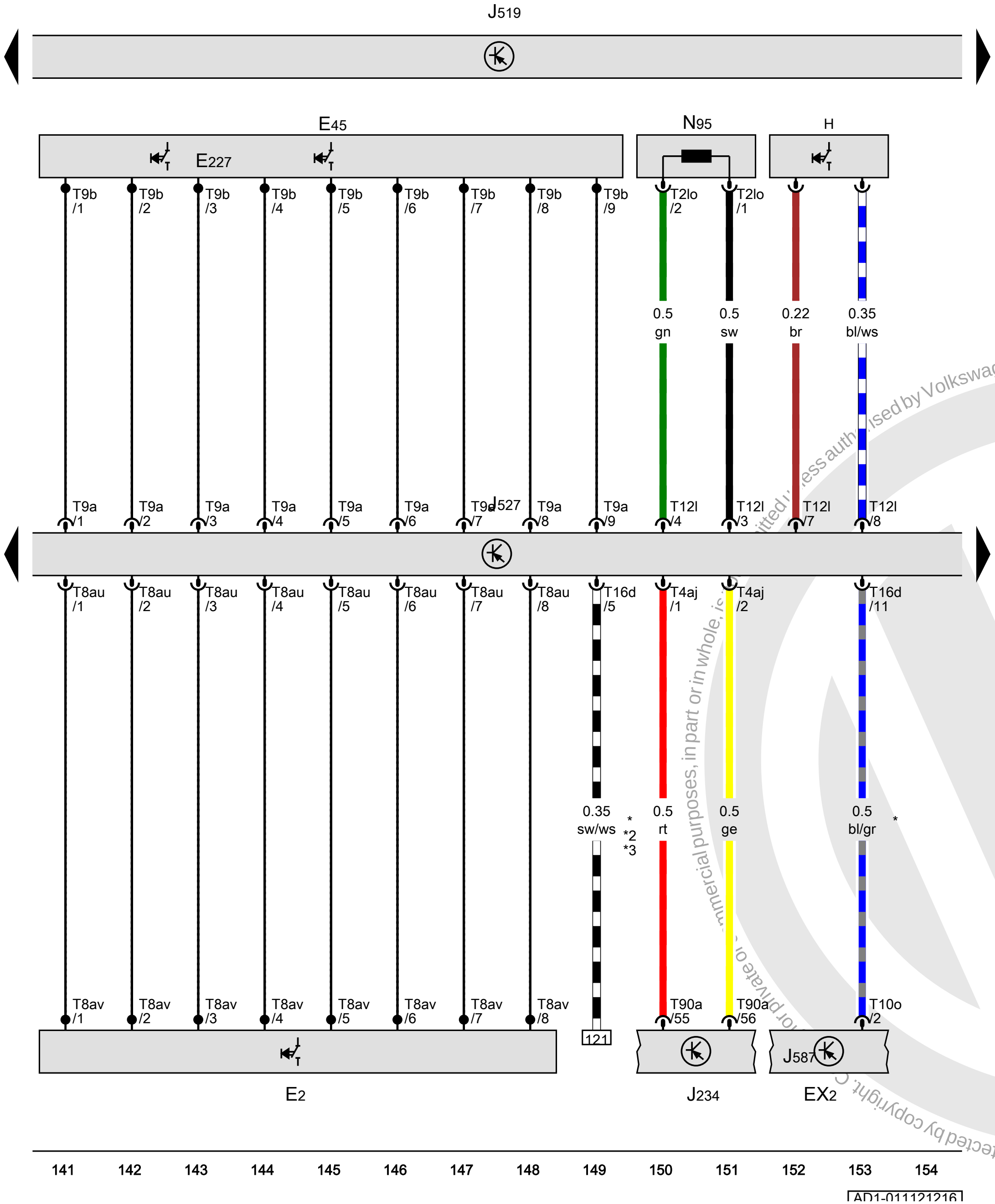
Ignition/starter switch, Intermittent wiper switch, Multifunction display call-up button, Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface, Ignition key withdrawal lock solenoid

D	Ignition/starter switch
E22	Intermittent wiper switch
E86	Multifunction display call-up button
J519	Onboard supply control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
N376	Ignition key withdrawal lock solenoid
T2mu	2-pin connector, black
T6bd	6-pin connector, black
T6be	6-pin connector, black
T6bf	6-pin connector, black
T8at	8-pin connector, black
T20a	20-pin connector, red
T73a	73-pin connector, black
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
*	Only models with no entry and start authorisation
*2	Only models with no heated steering wheel

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
rs	=	pink

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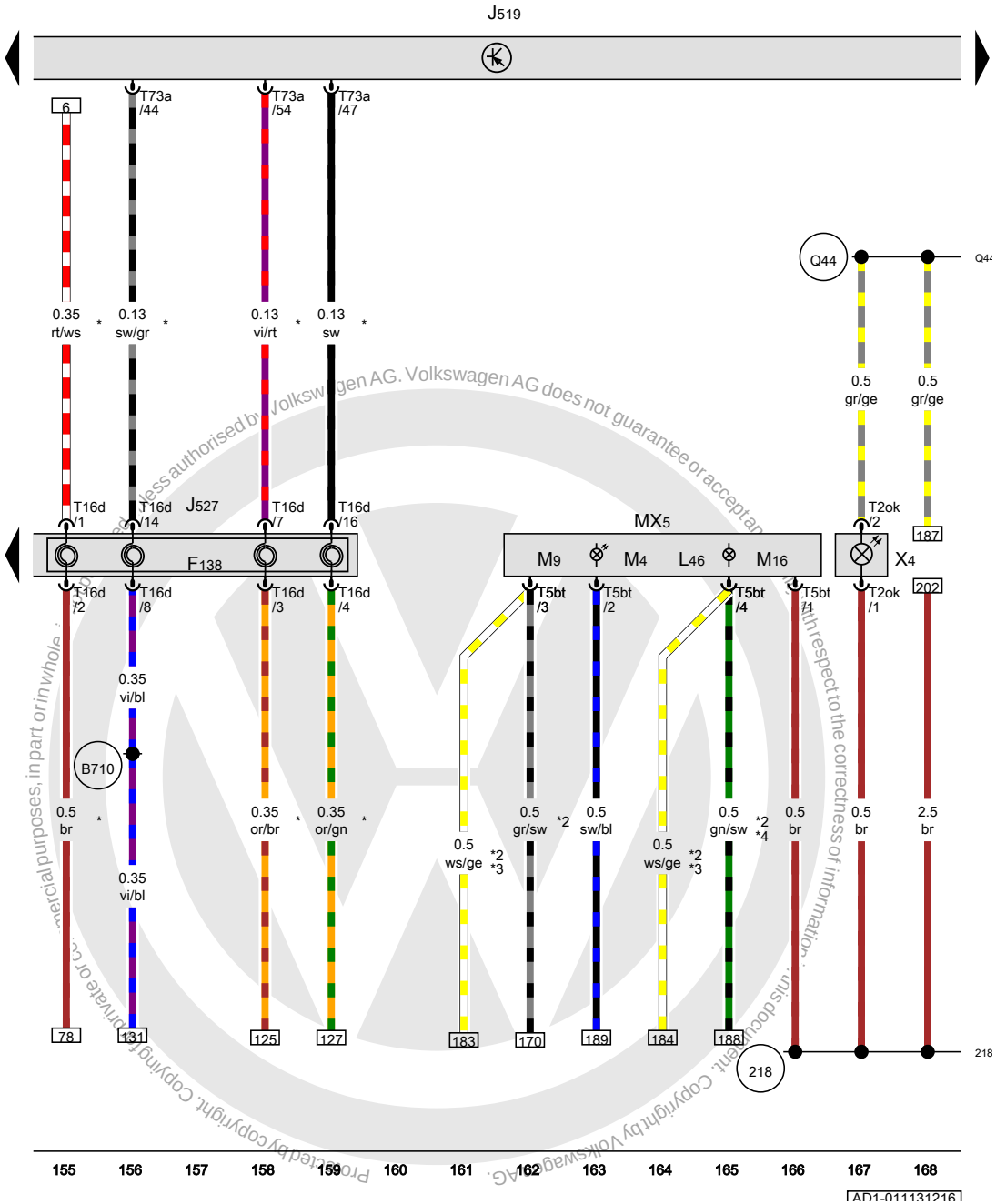
Selector mechanism, Turn signal switch, Cruise control system switch, Cruise control system (CCS) SET button, Horn plate, Airbag control unit, Onboard supply control unit, Steering column electronics control unit, Selector lever sensors control unit, Driver side airbag igniter



EX2	Selector mechanism
E2	Turn signal switch
E45	Cruise control system switch
E227	Cruise control system (CCS) SET button
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J587	Selector lever sensors control unit
N95	Driver side airbag igniter
T2lo	2-pin connector, black
T4aj	4-pin connector, yellow
T8au	8-pin connector, black
T8av	8-pin connector, black
T9a	9-pin connector, black
T9b	9-pin connector, black
T10o	10-pin connector, black
T12l	12-pin connector, yellow
T16d	16-pin connector, black
T90a	90-pin connector, yellow
*	Only models with no heated steering wheel
*2	see applicable current flow diagram for engine
*3	Only models with cruise control system

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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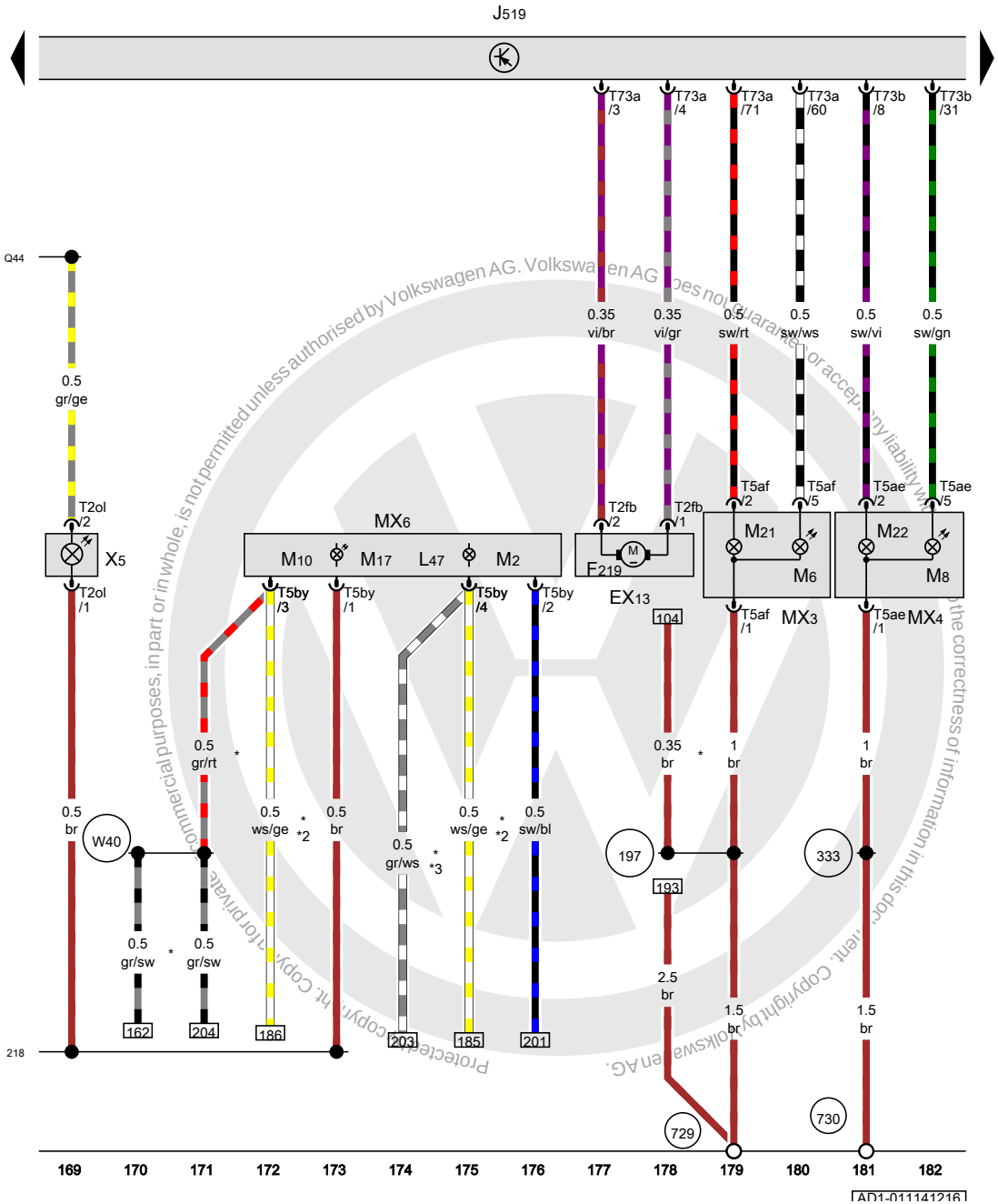
ws = white
sw = black
ro = red
rt = red
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gn = green
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Airbag coil connector and return ring with slip ring, Onboard supply control unit, Steering column electronics control unit, Rear left fog light bulb, Left tail light bulb, Left tail light 2, Left brake light bulb, Left reversing light bulb, Left number plate light

F138	Airbag coil connector and return ring with slip ring
J519	Onboard supply control unit
J527	Steering column electronics control unit
L46	Rear left fog light bulb
M4	Left tail light bulb
MX5	Left tail light 2
M9	Left brake light bulb
M16	Left reversing light bulb
T2ok	2-pin connector, black
T5br	5-pin connector, brown
T5bt	5-pin connector, blue
T16d	16-pin connector, black
T73a	73-pin connector, black
X4	Left number plate light
218	Earth connection 1, in rear lid wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
Q44	Connection 2, in rear lid wiring harness

*	Only models with no heated steering wheel
*2	According to equipment
*3	Only left-hand drive models
*4	Only right-hand drive models

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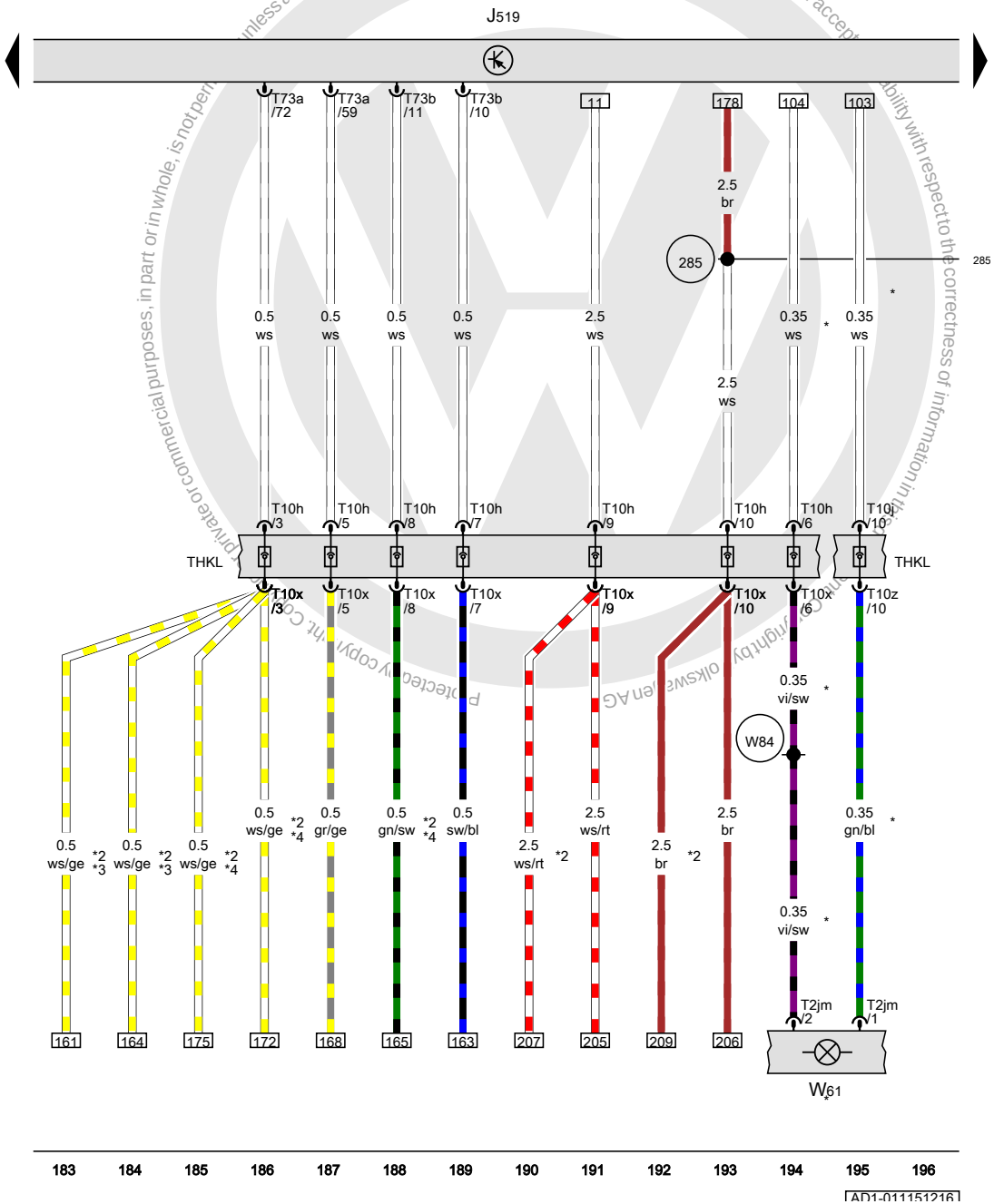


Fuel tank filler flap central locking actuator, Onboard supply control unit, Rear right fog light bulb, Right tail light bulb, Left tail light, Right tail light, Right tail light 2, Rear left turn signal bulb, Rear right turn signal bulb, Right brake light bulb, Right reversing light bulb, Left brake and tail light bulb, Right brake and tail light bulb, Right number plate light

EX13	Tank flap release
F219	Fuel tank filler flap central locking actuator
J519	Onboard supply control unit
L47	Rear right fog light bulb
M2	Right tail light bulb
MX3	Left tail light
MX4	Right tail light
MX6	Right tail light 2
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
T2fb	2-pin connector, black
T2ol	2-pin connector, black
T5ae	5-pin connector, black
T5af	5-pin connector, black
T5by	5-pin connector, green
T73a	73-pin connector, black
T73b	73-pin connector, black
X5	Right number plate light
197	Earth connection 4, in rear wiring harness
218	Earth connection 1, in rear lid wiring harness
333	Earth connection 5, in rear wiring harness
729	Earth point, on left rear wheel housing
730	Earth point 1, on right rear wheel housing
Q44	Connection 2, in rear lid wiring harness
W40	Positive connection 2 (58), in tail lights wiring harness
*	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
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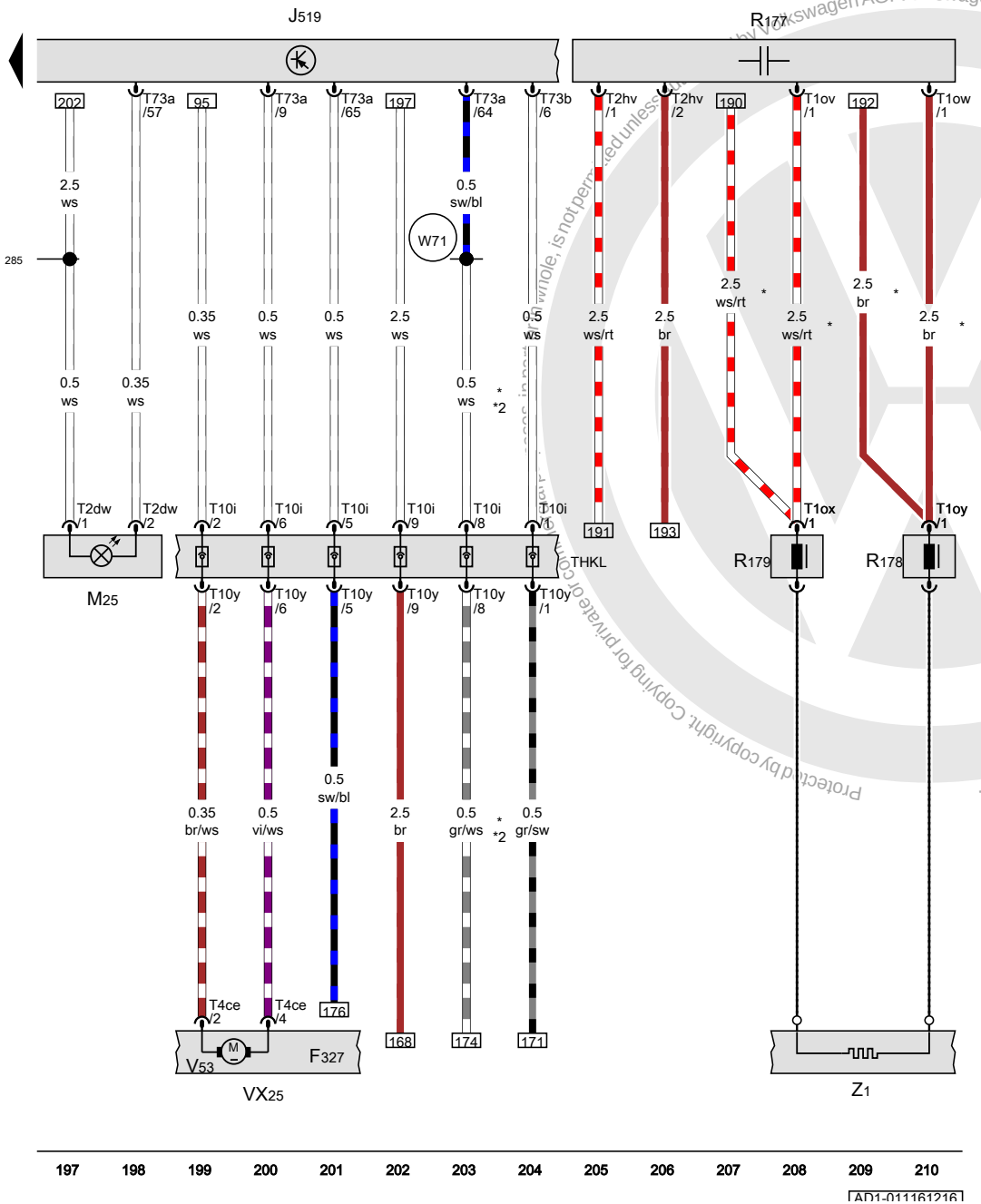
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Onboard supply control unit

J519	Onboard supply control unit
T2jm	2-pin connector, black
T10h	10-pin connector, black
T10j	10-pin connector, black
T10x	10-pin connector, black
T10z	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, black
THKL	Coupling point on rear lid, left
W61	Surround lighting 1 in rear lid
285	Earth connection 7, in interior wiring harness
W84	Positive connection (30g), in rear lid wiring harness
*	From May 2016
*2	According to equipment
*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
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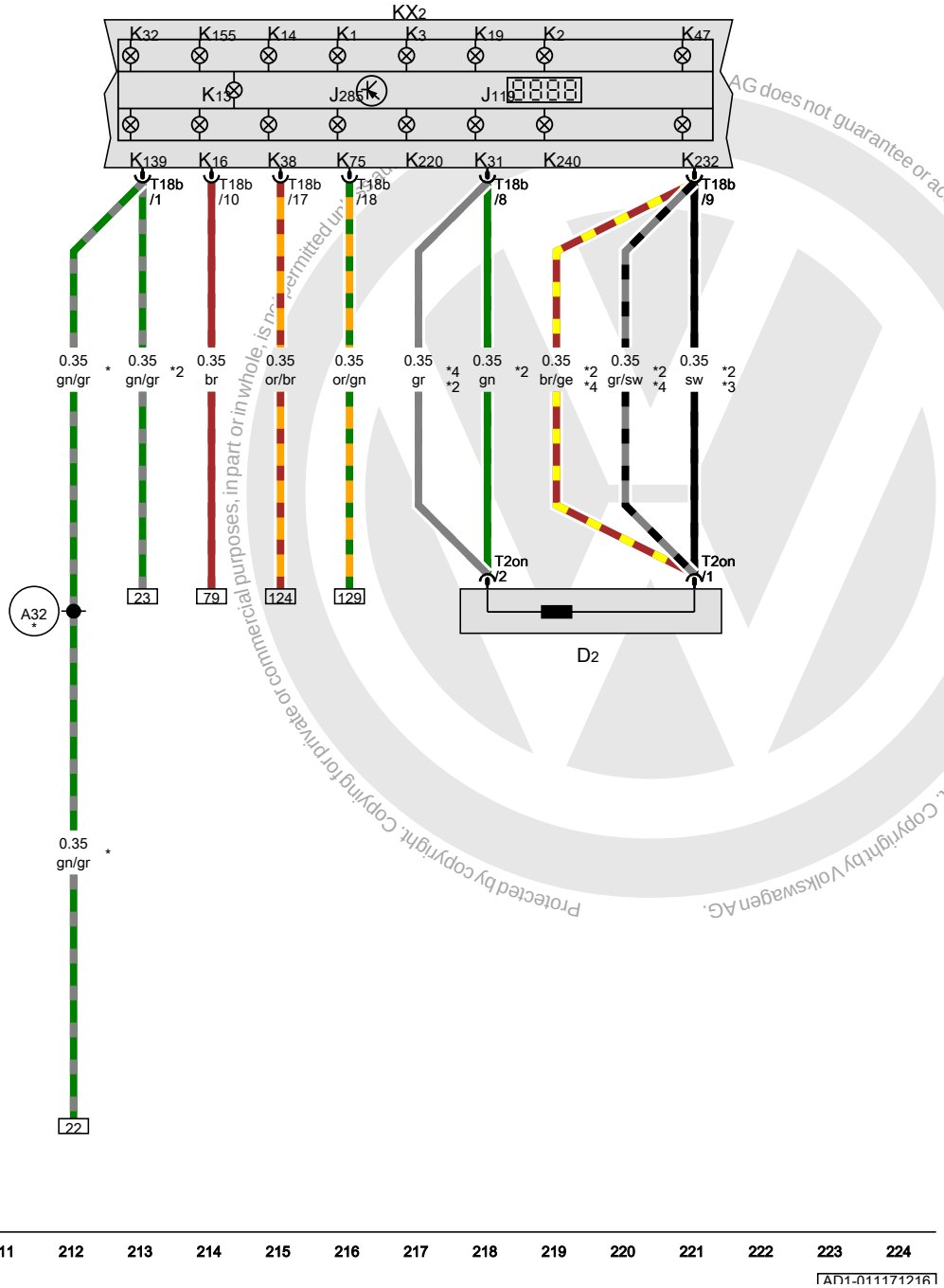


Central locking rear lid lock unit, Onboard supply control unit, High-level brake light bulb, Amplitude modulation (AM) frequency filter, Frequency modulation (FM) frequency filter in negative wire, Frequency modulation (FM) frequency filter in positive wire, Rear lid lock unit, Rear lid central locking motor, Heated rear window

F327	Central locking rear lid lock unit
J519	Onboard supply control unit
M25	High-level brake light bulb
R177	Amplitude modulation (AM) frequency filter
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
T1ov	1-pin connector, brown
T1ow	1-pin connector, black
T1ox	1-pin connector, black
T1oy	1-pin connector, black
T2dw	2-pin connector, black
T2hv	2-pin connector, black
T4ce	4-pin connector, black
T10i	10-pin connector, brown
T10y	10-pin connector, brown
T73a	73-pin connector, black
T73b	73-pin connector, black
THKL	Coupling point on rear lid, left
VX25	Rear lid lock unit
V53	Rear lid central locking motor
Z1	Heated rear window
285	Earth connection 7, in interior wiring harness
W71	Connection (reversing light), in rear wiring harness
*	According to equipment
*2	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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Immobiliser reader coil, Dash panel insert

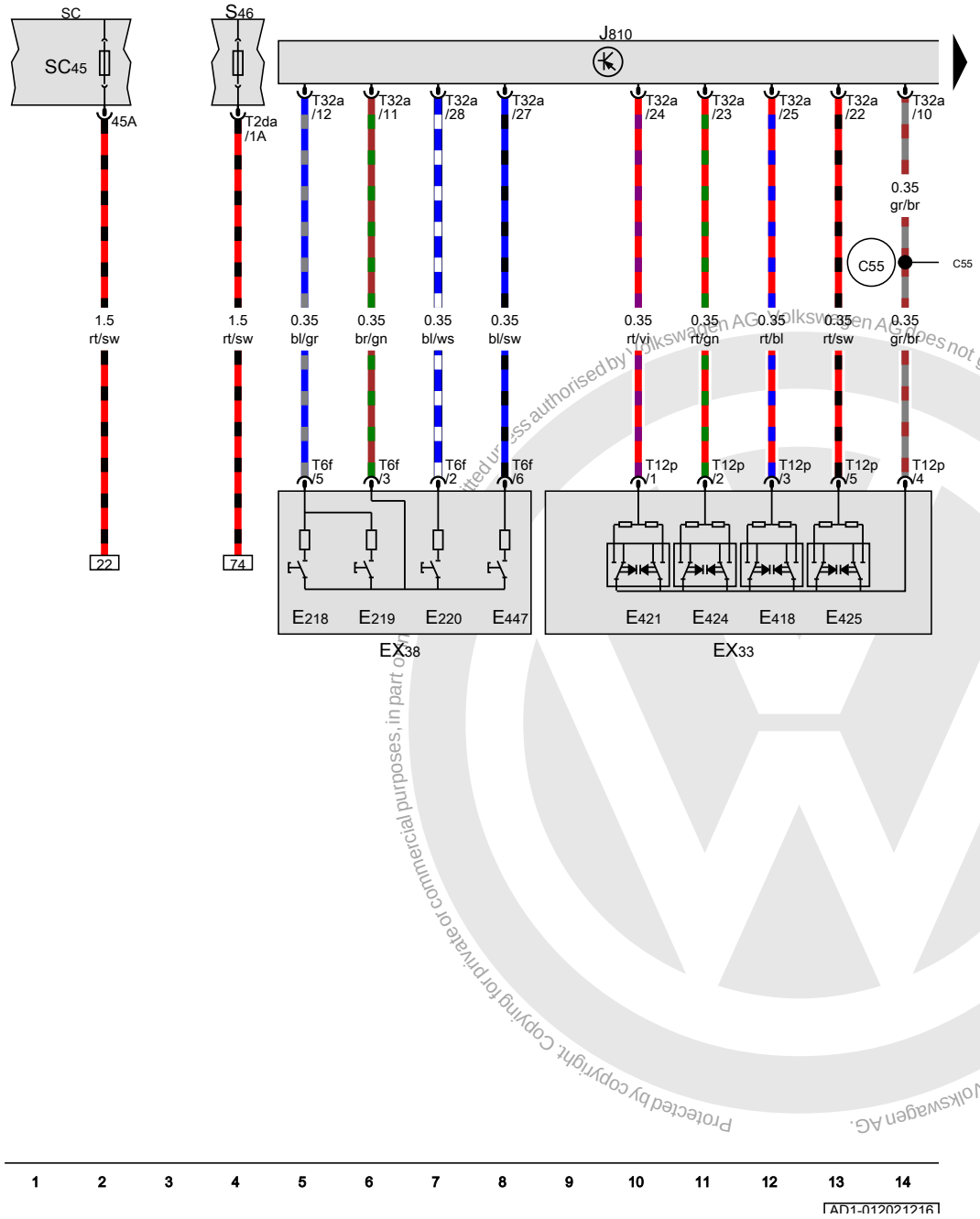
D2	Immobiliser reader coil
J119	Multifunction indicator
J285	Control unit in dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
KX2	Dash panel insert
K3	Oil pressure warning lamp
K13	Rear fog light warning lamp
K14	Handbrake warning lamp
K16	Reserve fuel warning lamp
K19	Seat belt warning system warning lamp
K31	Cruise control system warning lamp
K32	Brake pad warning lamp
K38	Oil level warning lamp
K47	ABS warning lamp
K75	Airbag warning lamp
K139	Handbrake warning lamp
K155	Warning lamp for electronic stabilisation program and TCS
K220	Tyre Pressure Loss Indicator warning lamp
K232	Lane change assist warning lamp
K240	Lane departure warning lamp
T2on	2-pin connector, black
T18b	18-pin connector, black
A32	Positive connection (30), in dash panel wiring harness
*	Only models with emergency call module
*2	According to equipment
*3	From May 2016
*4	Up to May 2016

ws	=	white
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 , (L0L),(3PH),(3PN)

From January 2016

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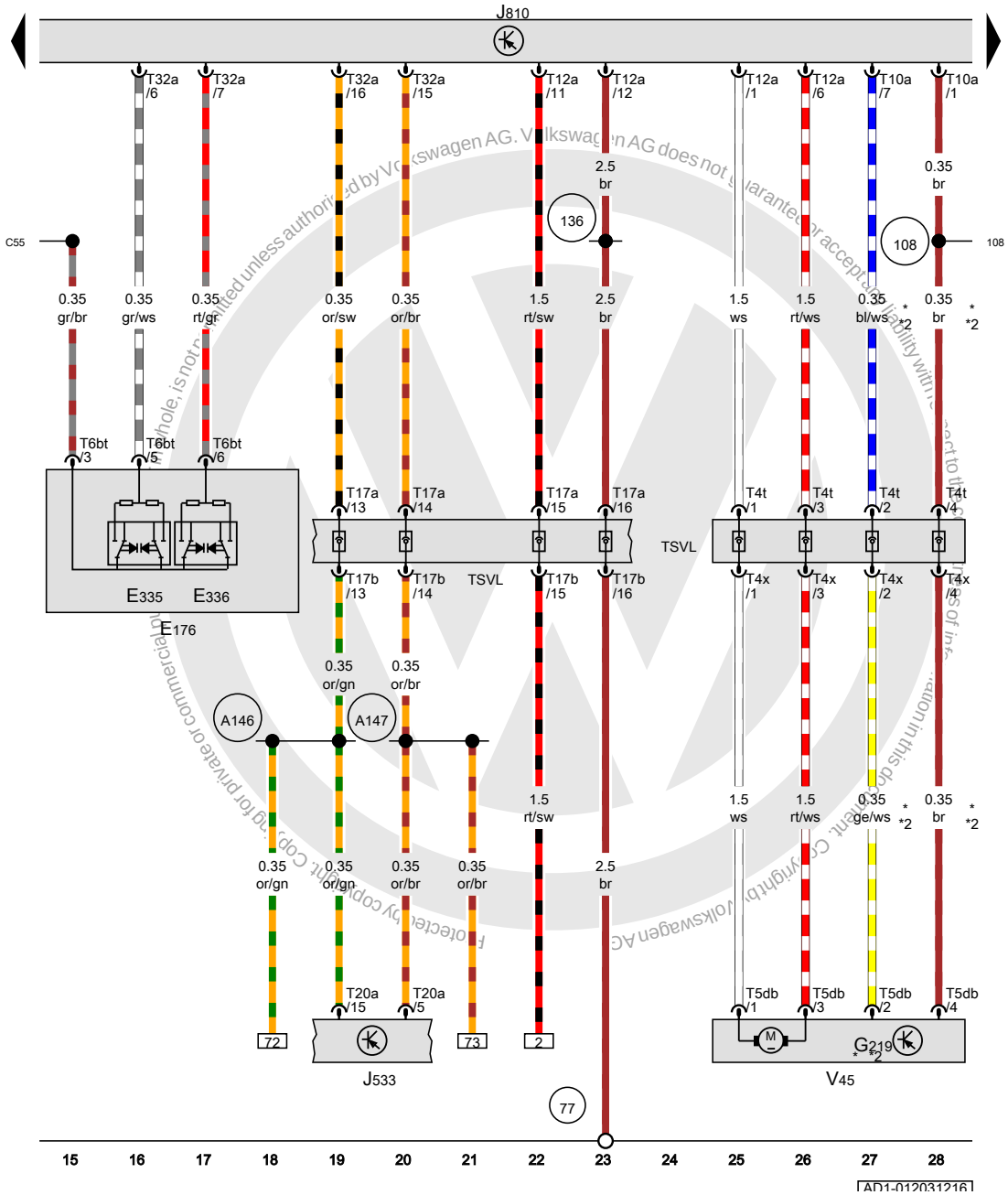


Operating unit for front left seat adjustment, Operating unit 2 for front left seat adjustment, Driver seat adjustment control unit, Front passenger seat adjustment thermal fuse 1, Fuse holder C

EX33	Operating unit for front left seat adjustment
EX38	Operating unit 2 for front left seat adjustment
E218	Seat memory position button 1
E219	Seat memory position button 2
E220	Seat memory position button 3
E418	Seat longitudinal adjustment button
E421	Rake adjustment button
E424	Seat height adjustment button
E425	Backrest adjustment button
E447	Seat position memory button
J810	Driver seat adjustment control unit
SC45	Fuse 45 on fuse holder C
S46	Front passenger seat adjustment thermal fuse 1
SC	Fuse holder C
T2da	2-pin connector, black
T6f	6-pin connector, black
T12p	12-pin connector, black
T32a	32-pin connector, grey
C55	Positive connection (30a), in front left 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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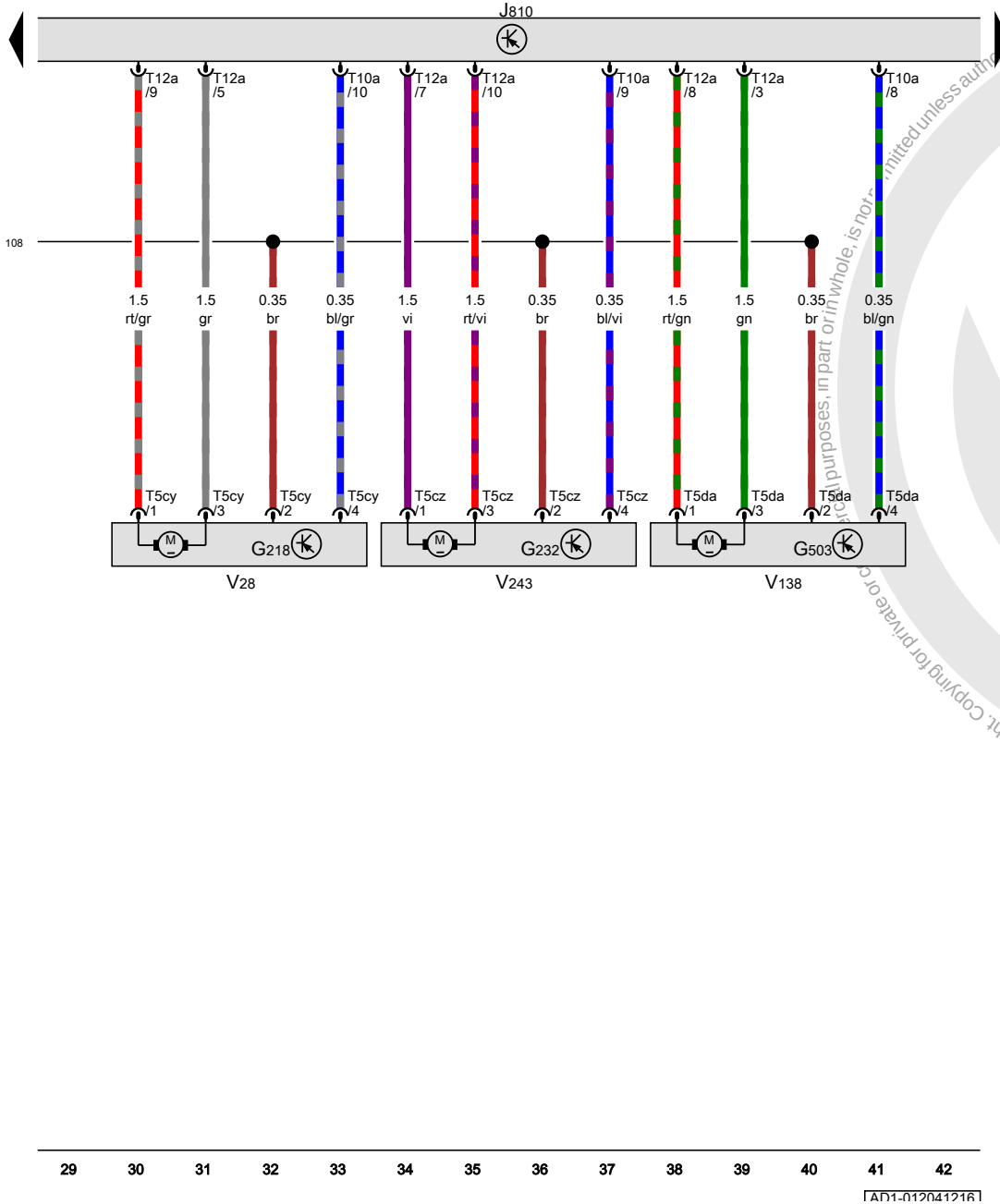


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Driver seat lumbar support adjustment switch, Data bus diagnostic interface, Driver seat adjustment control unit, Driver seat backrest adjustment motor

E176	Driver seat lumbar support adjustment switch
E335	Lumbar support height adjustment button
E336	Lumbar support longitudinal adjustment button
G219	Backrest adjustment sender for driver seat
J533	Data bus diagnostic interface
J810	Driver seat adjustment control unit
T4t	4-pin connector, black
T4x	4-pin connector, black
T5db	5-pin connector, brown
T6bt	6-pin connector, black
T10a	10-pin connector, black
T12a	12-pin connector, black
T17a	17-pin connector, red
T17b	17-pin connector, red
T20a	20-pin connector, red
T32a	32-pin connector, grey
TSVL	Coupling point for front left seat
V45	Driver seat backrest adjustment motor
77	Earth point, lower part of left B-pillar
108	Earth connection 2, in front left wiring harness
136	Earth connection 2, in seat heating wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
C55	Positive connection (30a), in front left wiring harness
*	Gradually discontinued
*2	Up to November 2016

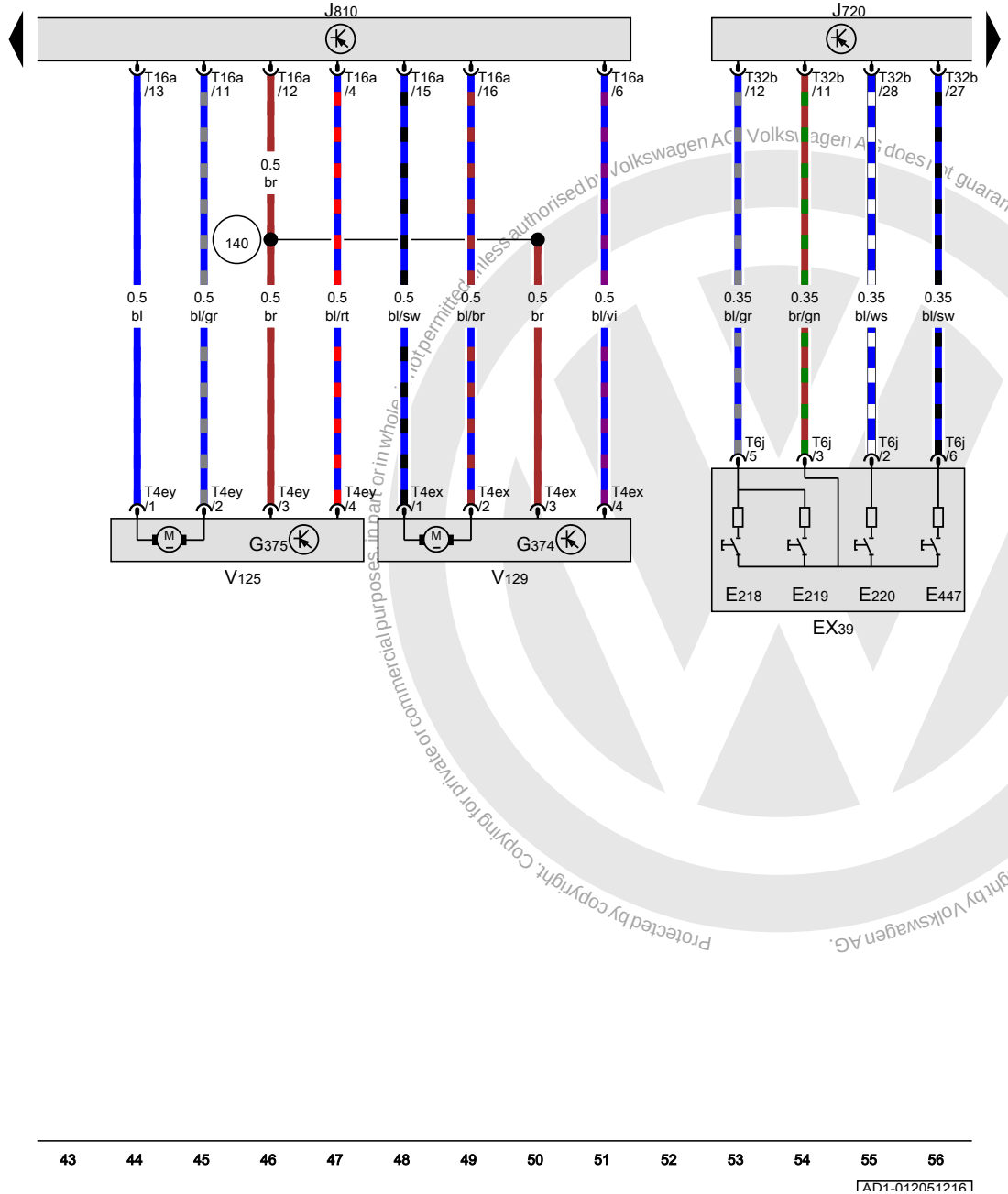
Driver seat adjustment control unit, Driver seat longitudinal adjustment motor, Driver seat height adjustment motor, Driver seat rake adjustment motor



G218	Longitudinal adjustment sender for driver seat
G232	Rake adjustment sender for driver seat
G503	Seat height adjustment sender
J810	Driver seat adjustment control unit
T5cy	5-pin connector, brown
T5cz	5-pin connector, brown
T5da	5-pin connector, brown
T10a	10-pin connector, black
T12a	12-pin connector, black
V28	Driver seat longitudinal adjustment motor
V138	Driver seat height adjustment motor
V243	Driver seat rake adjustment motor
108	Earth connection 2, in front left wiring harness

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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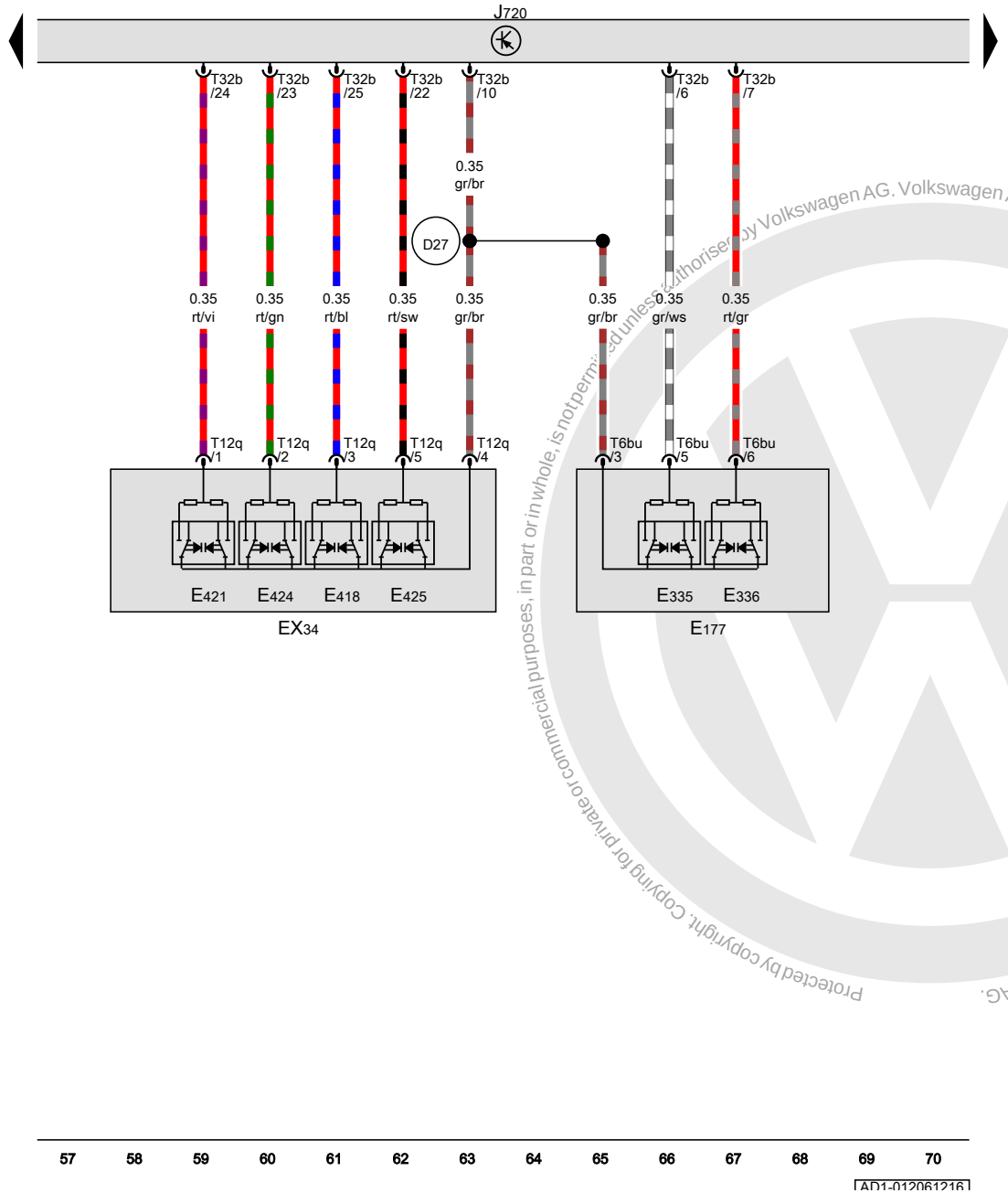


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Operating unit 2 for front right seat adjustment, Front passenger seat position control unit, Driver seat adjustment control unit, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

EX39	Operating unit 2 for front right seat adjustment
E218	Seat memory position button 1
E219	Seat memory position button 2
E220	Seat memory position button 3
E447	Seat position memory button
G374	Lumbar support height adjustment sender
G375	Lumbar support longitudinal adjustment sender
J720	Front passenger seat position control unit
J810	Driver seat adjustment control unit
T4ex	4-pin connector, black
T4ey	4-pin connector, black
T6j	6-pin connector, black
T16a	16-pin connector, black
T32b	32-pin connector, grey
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
140	Earth connection 2, in seat adjustment wiring harness

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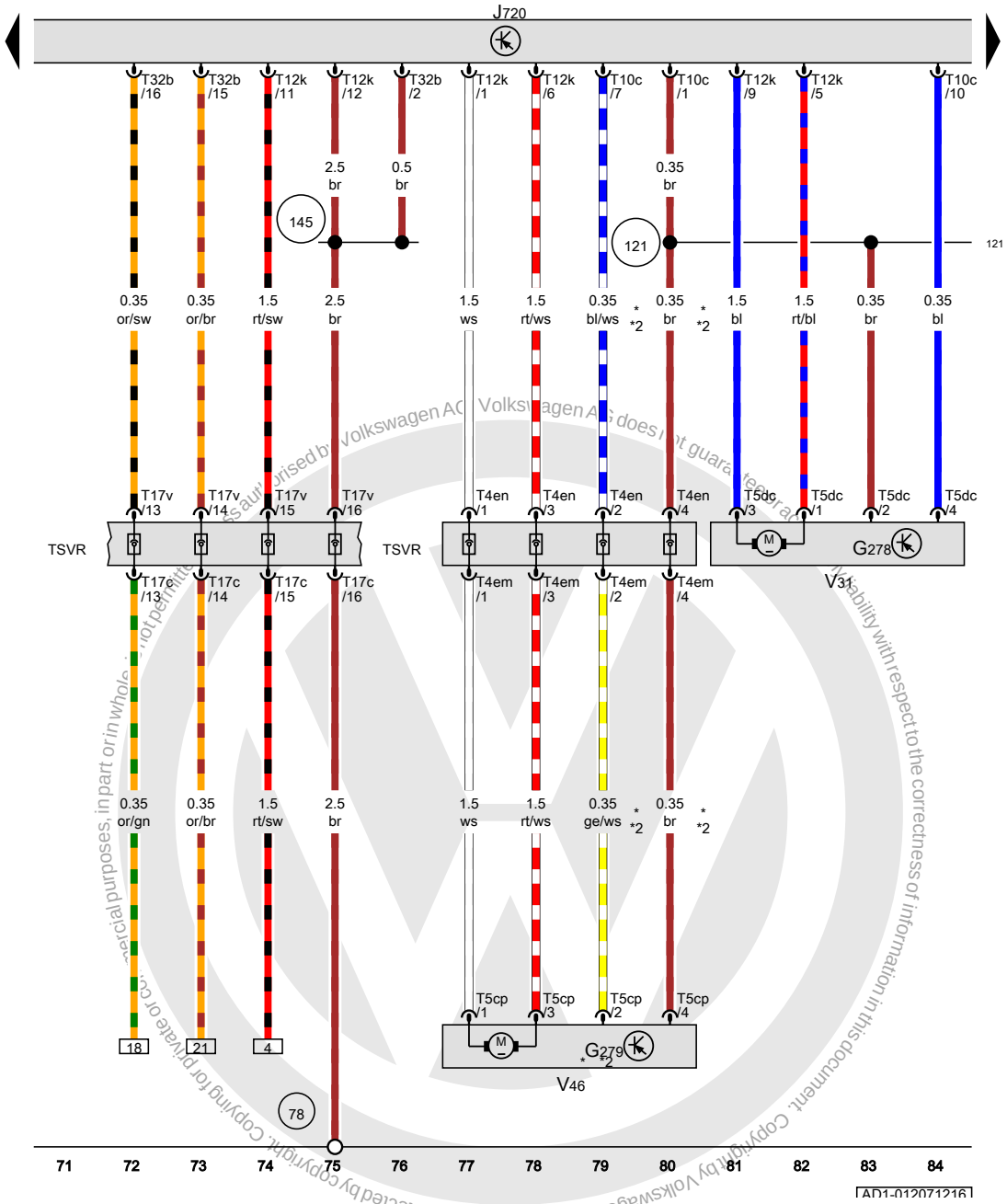


Operating unit for front right seat adjustment, Front passenger seat lumbar support adjustment switch, Front passenger seat position control unit

EX34	Operating unit for front right seat adjustment
E177	Front passenger seat lumbar support adjustment switch
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
J720	Front passenger seat position control unit
T6bu	6-pin connector, black
T12q	12-pin connector, black
T32b	32-pin connector, grey
D27	Positive connection (30a), in front right 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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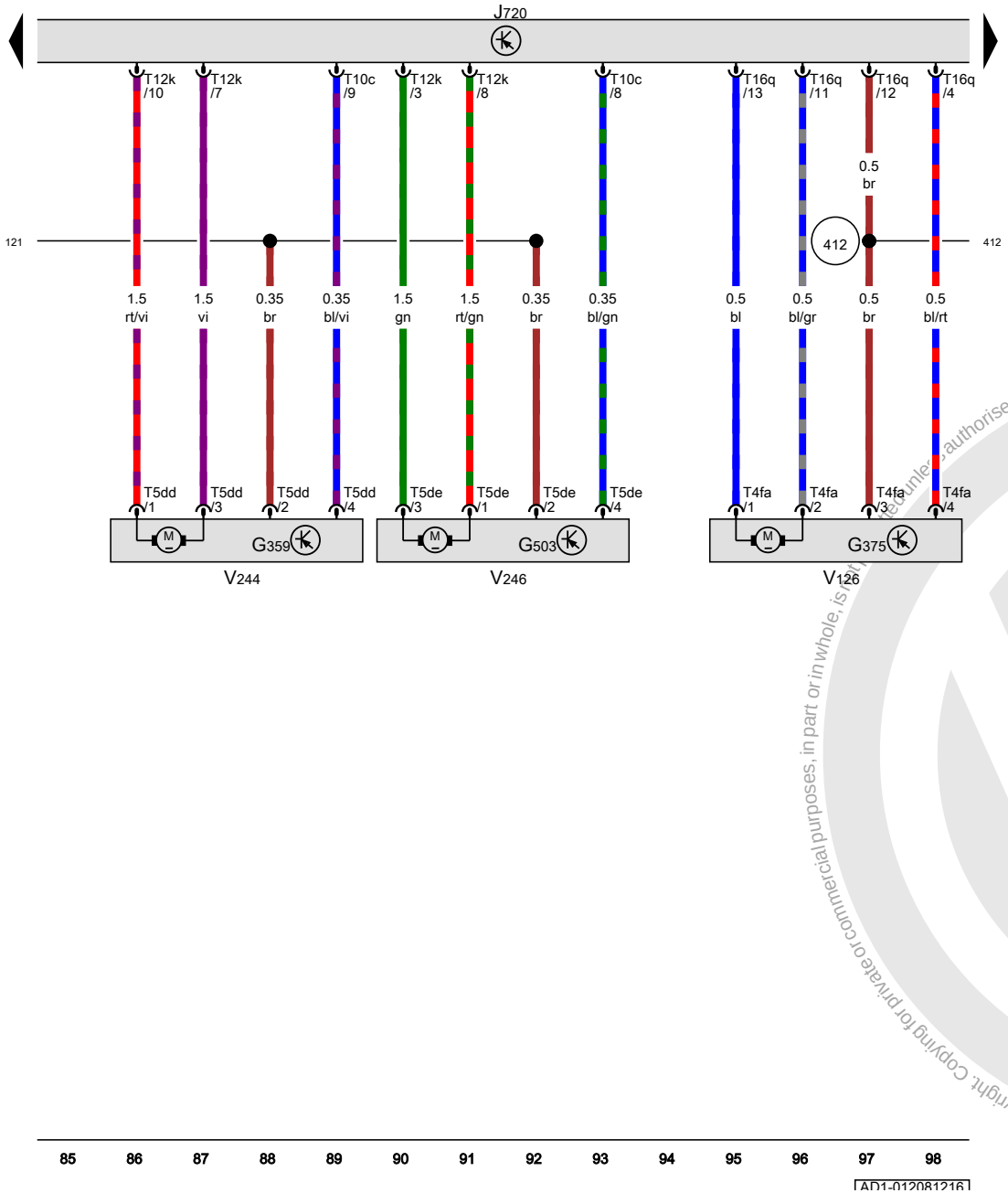


Front passenger seat position control unit, Front passenger seat longitudinal adjustment motor, Front passenger seat backrest adjustment motor

G278	Longitudinal adjustment sender for front passenger seat
G279	Backrest adjustment sender for front passenger seat
J720	Front passenger seat position control unit
T4em	4-pin connector, black
T4en	4-pin connector, black
T5cp	5-pin connector, brown
T5dc	5-pin connector, brown
T10c	10-pin connector, black
T12k	12-pin connector, black
T17c	17-pin connector, red
T17v	17-pin connector, red
T32b	32-pin connector, grey
TSVR	Coupling point for front right seat
V31	Front passenger seat longitudinal adjustment motor
V46	Front passenger seat backrest adjustment motor
78	Earth point, lower part of right B-pillar
121	Earth connection 2, in front right wiring harness
145	Earth connection 3, in seat heating wiring harness
*	Gradually discontinued
*2	Up to November 2016

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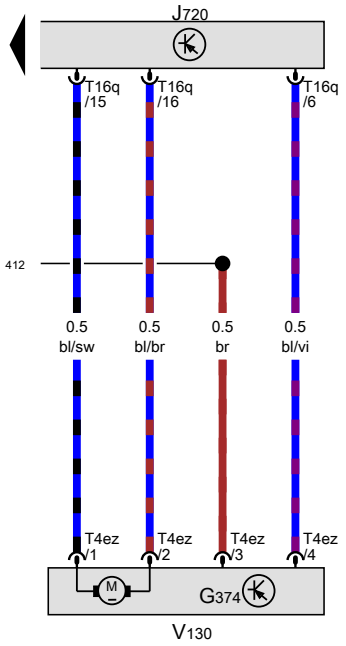


Front passenger seat position control unit, Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat rake adjustment motor, Front passenger seat height adjustment motor

G359	Front passenger seat rake adjustment sender
G375	Lumbar support longitudinal adjustment sender
G503	Seat height adjustment sender
J720	Front passenger seat position control unit
T4fa	4-pin connector, black
T5dd	5-pin connector, brown
T5de	5-pin connector, brown
T10c	10-pin connector, black
T12k	12-pin connector, black
T16q	16-pin connector, black
V126	Front passenger seat lumbar support longitudinal adjustment motor
V244	Front passenger seat rake adjustment motor
V246	Front passenger seat height adjustment motor
121	Earth connection 2, in front right wiring harness
412	Earth connection 3, in seat adjustment wiring harness

ws	=	white
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ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Front passenger seat position control unit, Front passenger seat lumbar support height adjustment motor

G374	Lumbar support height adjustment sender
J720	Front passenger seat position control unit
T4ez	4-pin connector, black
T16q	16-pin connector, black
V130	Front passenger seat lumbar support height adjustment motor
(412)	Earth connection 3, in seat adjustment wiring harness

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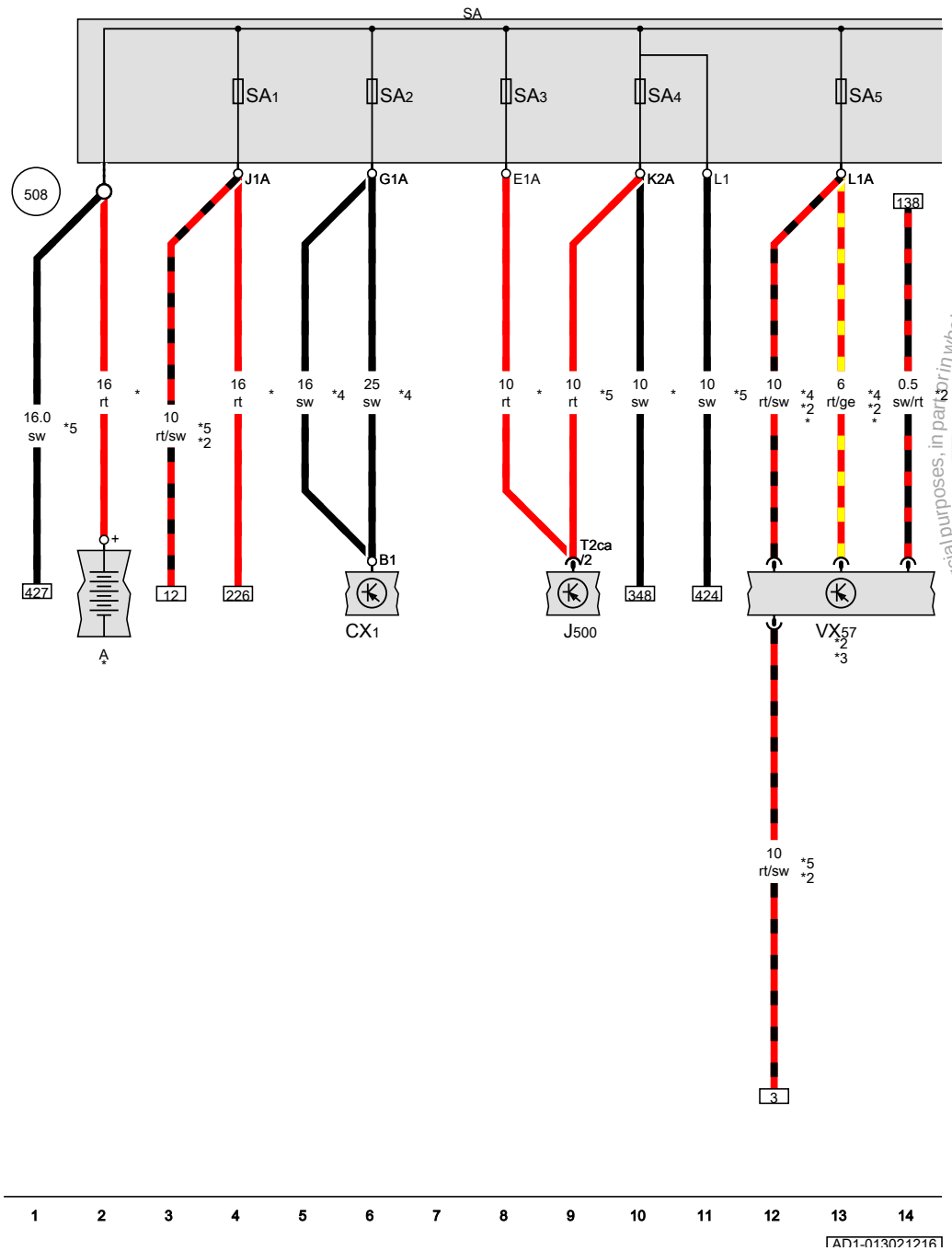
99 100 101 102 103 104 105 106 107 108 109 110 111 112

AD1-0120912161

Fuse assignment

From January 2016

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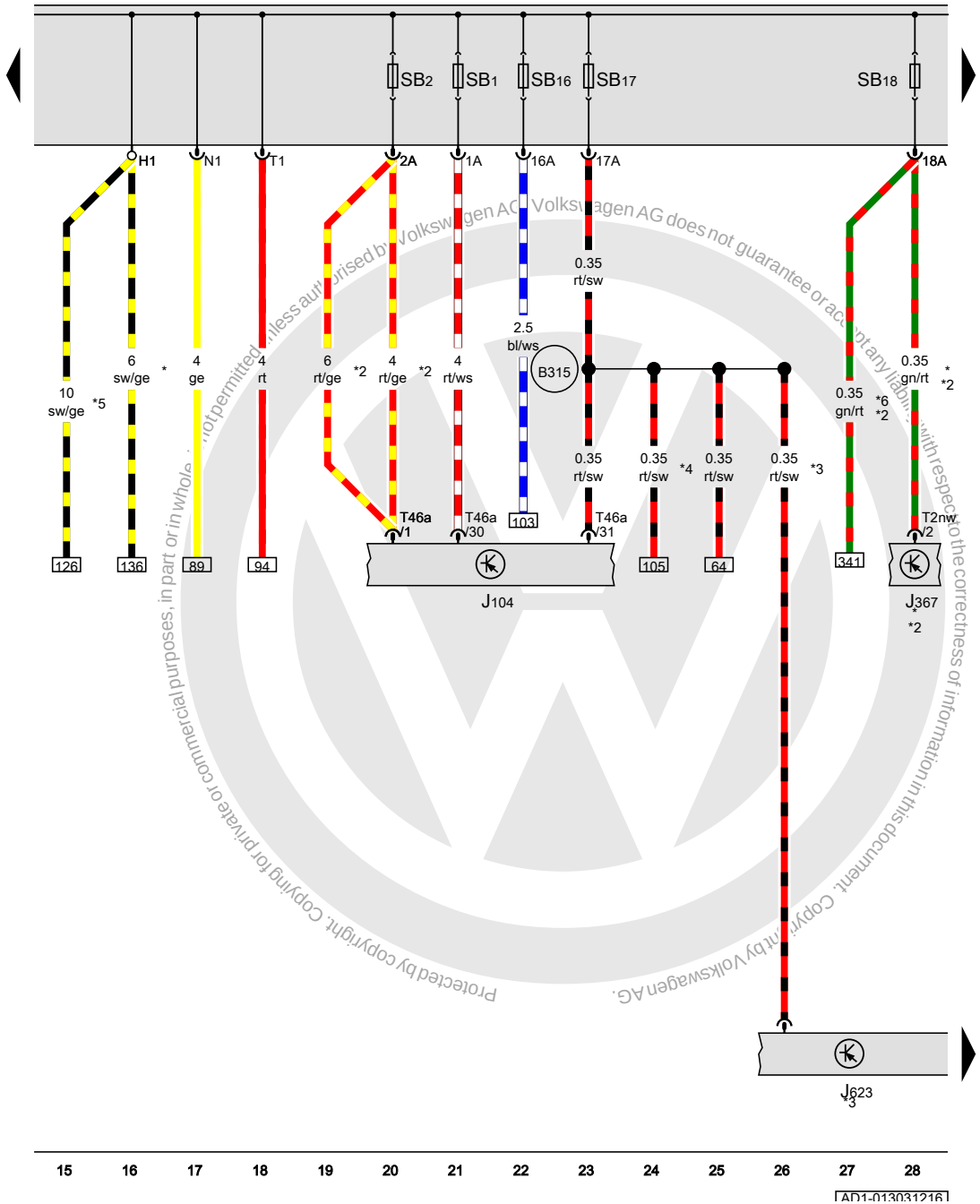


Battery, Alternator with voltage regulator, Power steering control unit, Fuse holder A, Radiator fan

A	Battery
CX1	Alternator with voltage regulator
J500	Power steering control unit
SA	Fuse holder A
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
SA5	Fuse 5 on fuse holder A
T2ca	2-pin connector, black
VX57	Radiator fan
508	Threaded connection (30) on E-box
*	Only models with battery in engine compartment
*2	see applicable current flow diagram for radiator fan
*3	Pre-wired component
*4	According to equipment
*5	Only models with battery in luggage compartment

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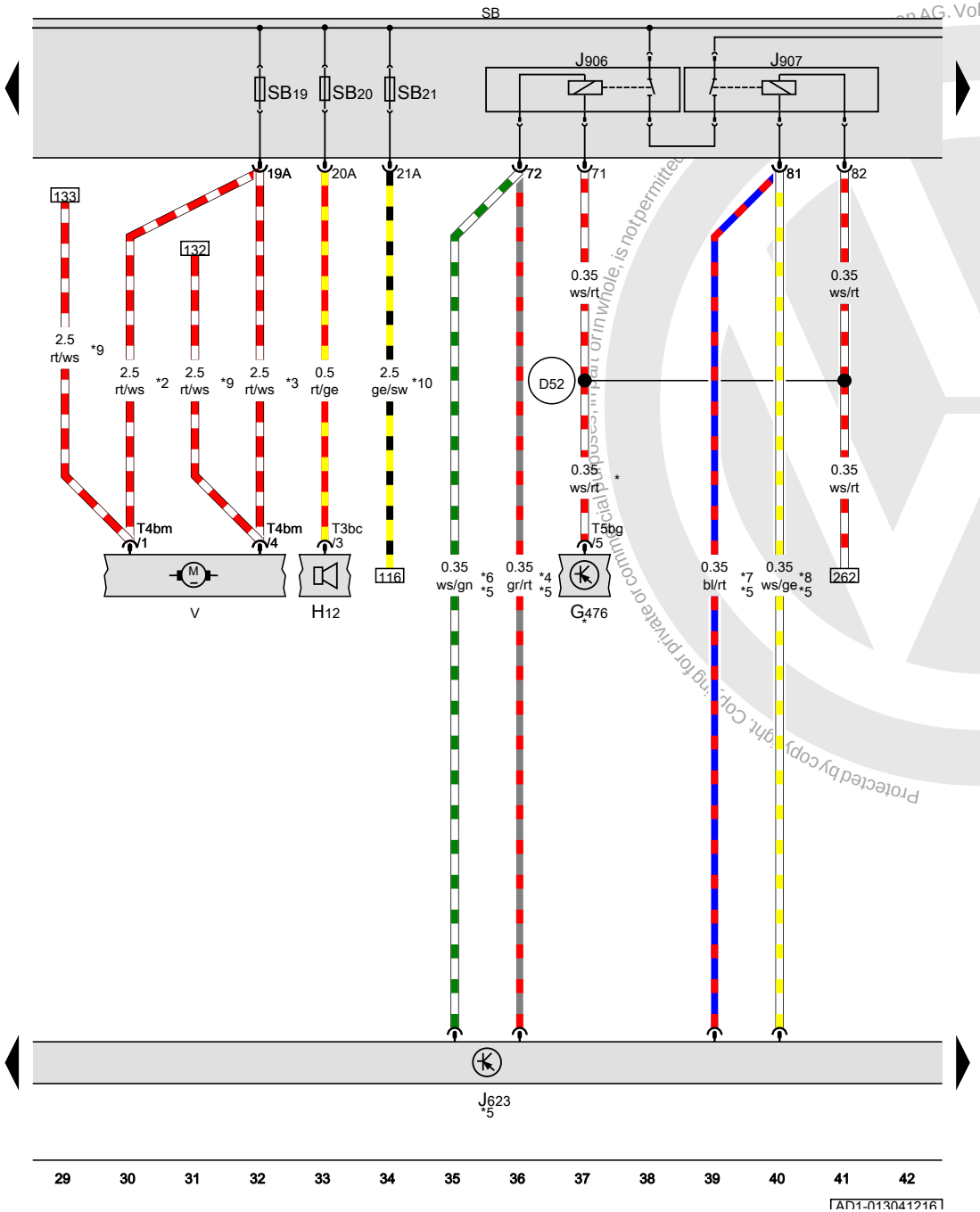


ABS control unit, Battery monitor control unit, Engine control unit

J104	ABS control unit
J367	Battery monitor control unit
J623	Engine control unit
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 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
T2nw	2-pin connector, black
T46a	46-pin connector, black
B315	Positive connection 1 (30a) in main wiring harness
*	Only models with battery in engine compartment
*2	According to equipment
*3	see applicable current flow diagram for engine
*4	Cross section depends on equipment
*5	Only models with diesel engine
*6	From May 2016

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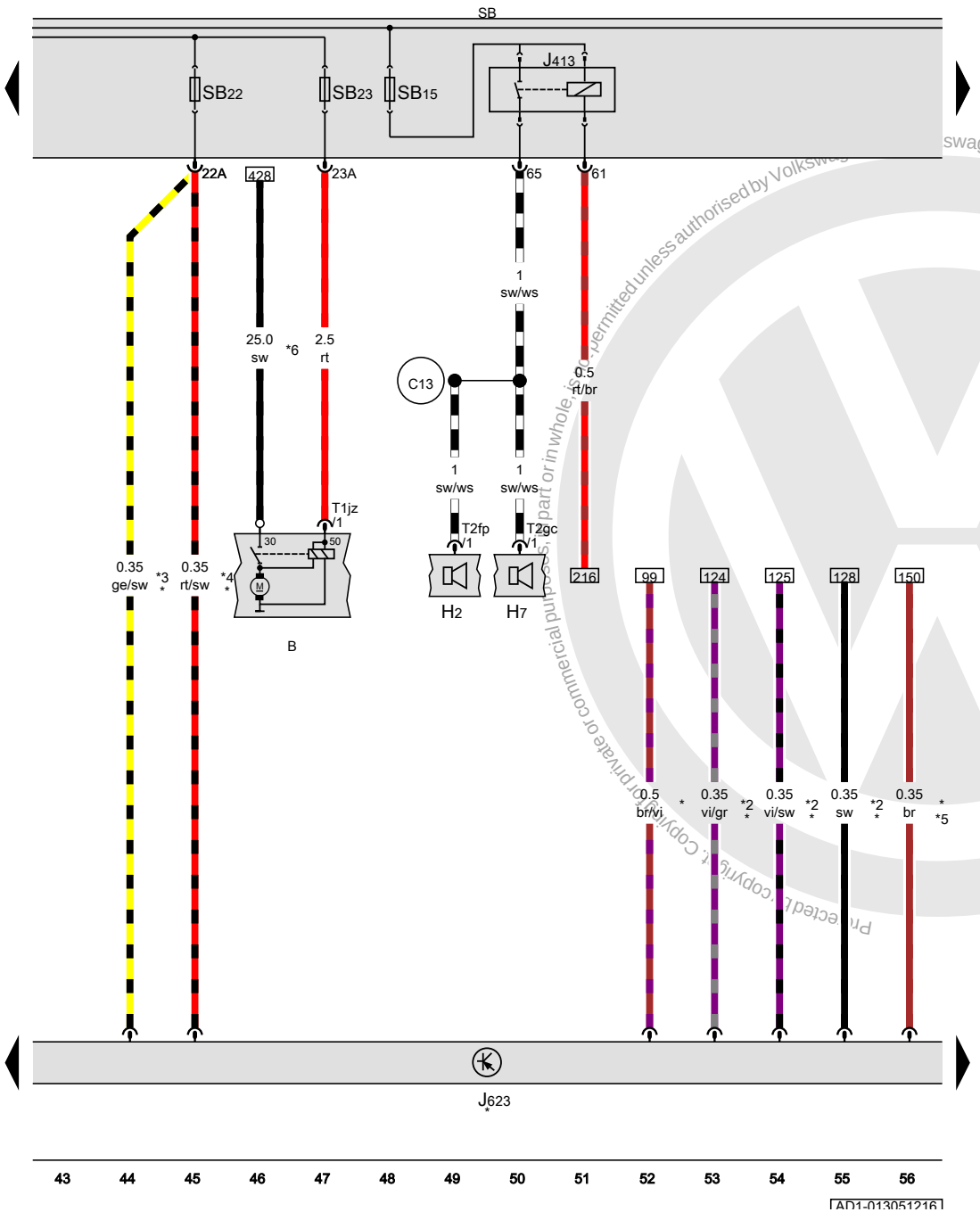


Clutch position sender, Alarm horn, Engine control unit, Starter relay 1, Starter relay 2, Fuse holder B, Windscreen wiper motor

G476	Clutch position sender
H12	Alarm horn
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
SB	Fuse holder B
SB19	Fuse 19 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB21	Fuse 21 on fuse holder B
T3bc	3-pin connector, black
T4bm	4-pin connector, black
T5bg	5-pin connector, black
V	Windscreen wiper motor
D52	Positive connection (15a), in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only left-hand drive models
*3	Only right-hand drive models
*4	Only models with 1.4l engine
*5	see applicable current flow diagram for engine
*6	Only models with 2.0l engine
*7	Only models with petrol engine
*8	Only models with diesel engine
*9	Only models with battery in luggage compartment
*10	Only models with equipment for Russia

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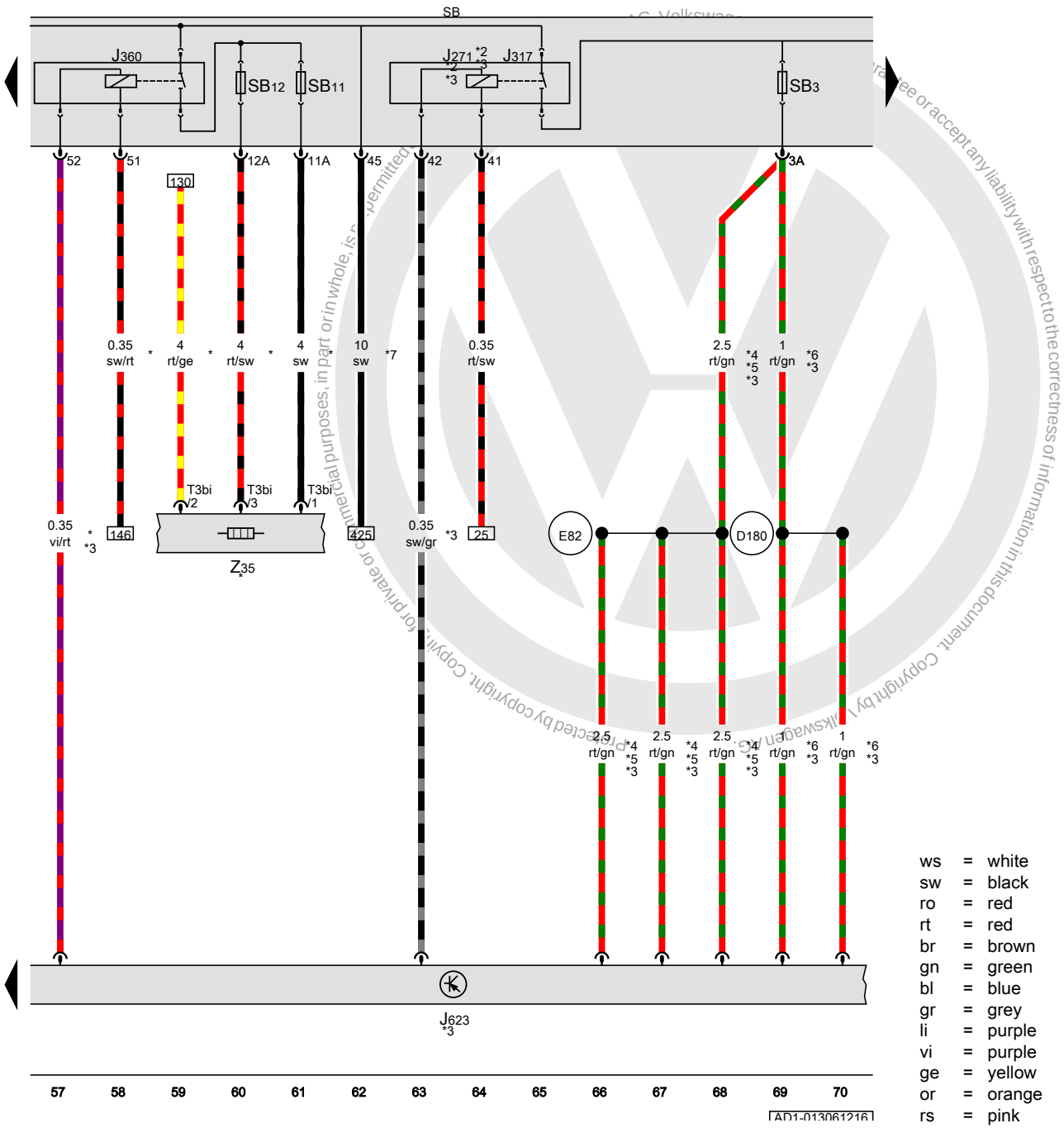


Starter, Treble horn, Bass horn, Horn relay, Engine control unit, Fuse holder B

B	Starter
H2	Treble horn
H7	Bass horn
J413	Horn relay
J623	Engine control unit
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
T1jz	1-pin connector, black
T2fp	2-pin connector, black
T2gc	2-pin connector, black
C13	Positive connection in dual tone horn wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with 1.4l engine
*4	Only models with 2.0l engine
*5	Only models with reducing agent metering system
*6	Only models with battery in luggage compartment

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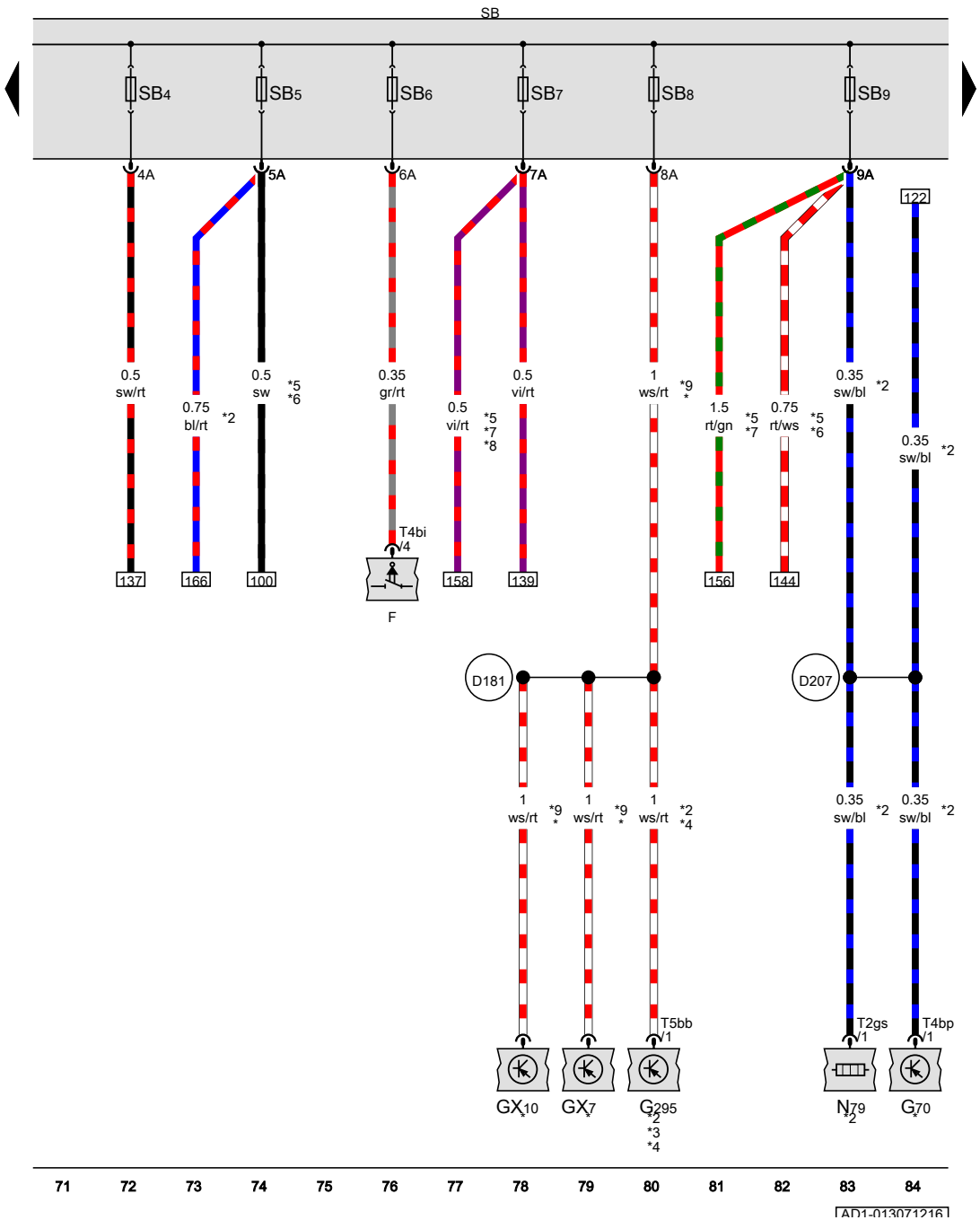


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Main relay, Terminal 30 voltage supply relay, High heat output relay, Engine control unit, Fuse holder B, Auxiliary air heater element

J271	Main relay
J317	Terminal 30 voltage supply relay
J360	High heat output relay
J623	Engine control unit
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
T3bi	3-pin connector, black
Z35	Auxiliary air heater element
D180	Connection (87a), in engine compartment wiring harness
E82	Connection 6 (87a) in engine wiring harness
*	Only models with diesel engine
*2	According to equipment
*3	see applicable current flow diagram for engine
*4	Only models with 2.0l engine
*5	Cross section depends on equipment
*6	Only models with 1.4l engine
*7	Only models with battery in luggage compartment

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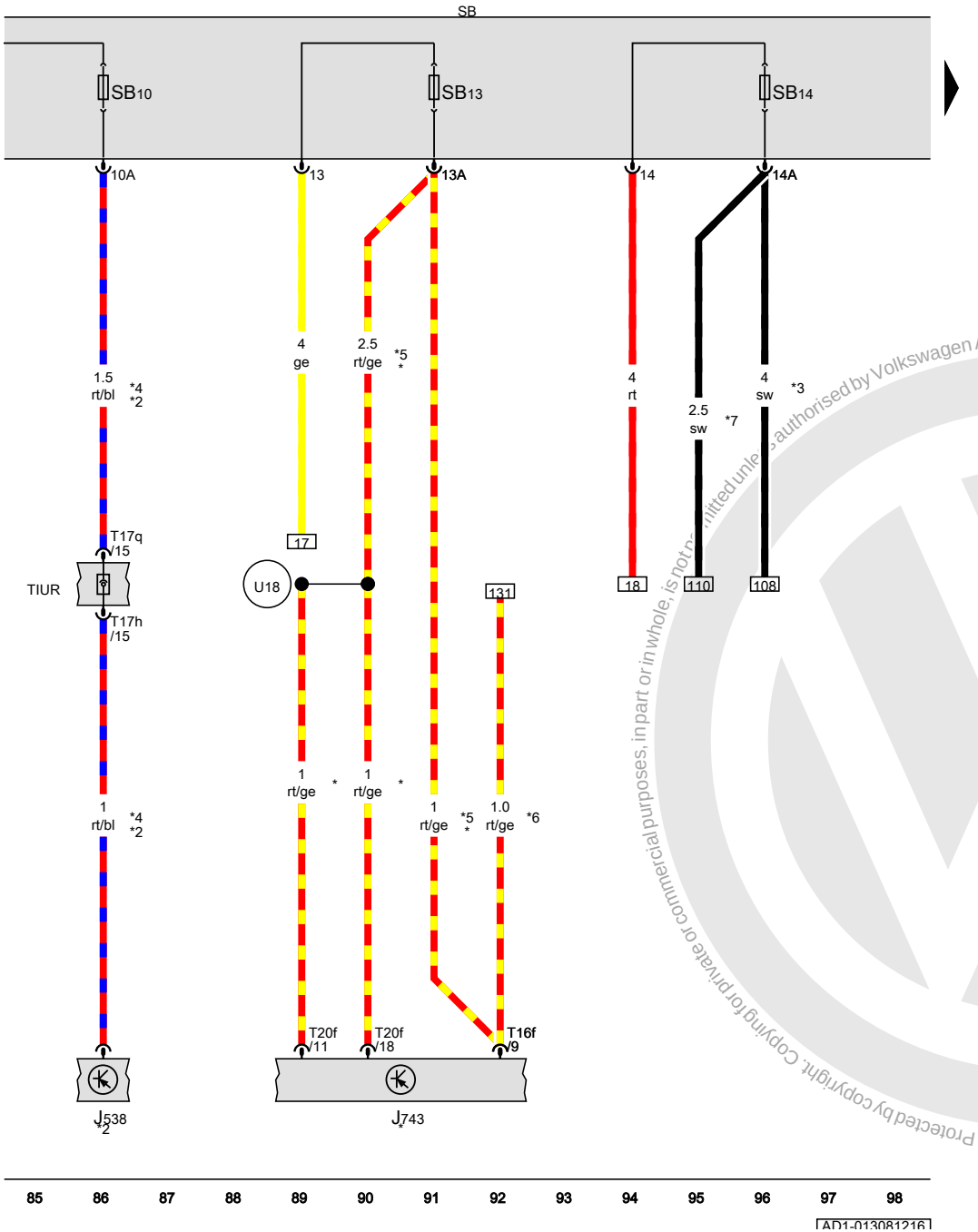


Brake light switch, Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Air mass meter, NOx sender, Heater element for crankcase breather, Fuse holder B

F	Brake light switch
GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G70	Air mass meter
G295	NOx sender
N79	Heater element for crankcase breather
SB	Fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 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
SB9	Fuse 9 on fuse holder B
T2gs	2-pin connector, black
T4bi	4-pin connector, black
T4bp	4-pin connector, black
T5bb	5-pin connector, black
D181	Connection 2 (87a), in engine compartment wiring harness
D207	Connection 7 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Pre-wired component
*4	Not for models with Euro 5 plus emission standard
*5	Only models with petrol engine
*6	Only models with 2.0l engine
*7	Only models with 1.4l engine
*8	According to equipment
*9	Cross section depends on equipment

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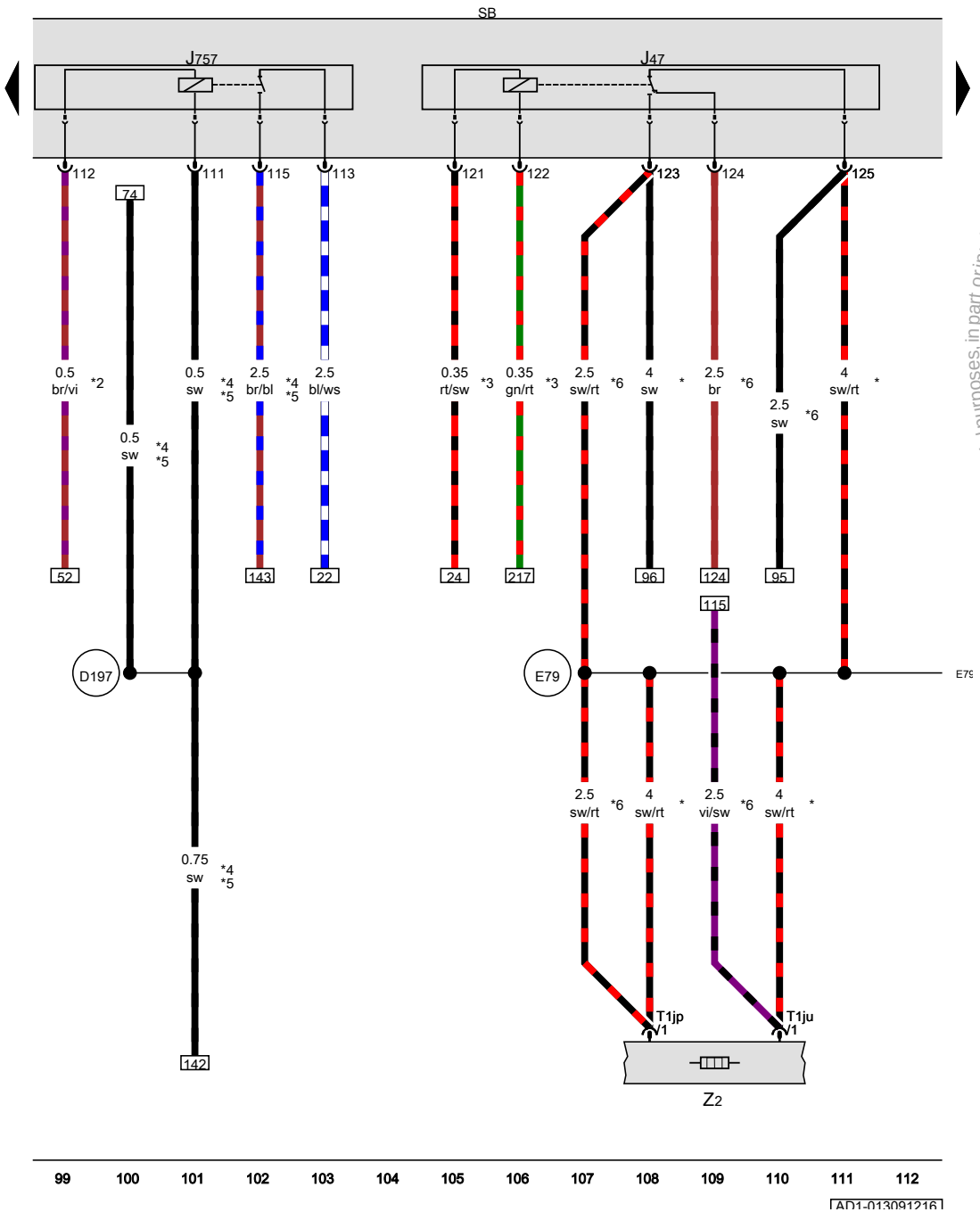


Fuel pump control unit, Mechatronic unit for dual clutch gearbox, Fuse holder B

J538	Fuel pump control unit
J743	Mechatronic unit for dual clutch gearbox
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
T16f	16-pin connector, black
T17h	17-pin connector, red
T17q	17-pin connector, red
T20f	20-pin connector, black
TIUR	Coupling point in interior, below right
U18	Positive connection (30a), in automatic gearbox wiring harness
*	see applicable current flow diagram for dual clutch gearbox
*2	see applicable current flow diagram for engine
*3	Not for models with equipment for Russia
*4	Cross section depends on equipment
*5	According to equipment
*6	Only models with battery in luggage compartment
*7	Only models with equipment for Russia

ws	=	white
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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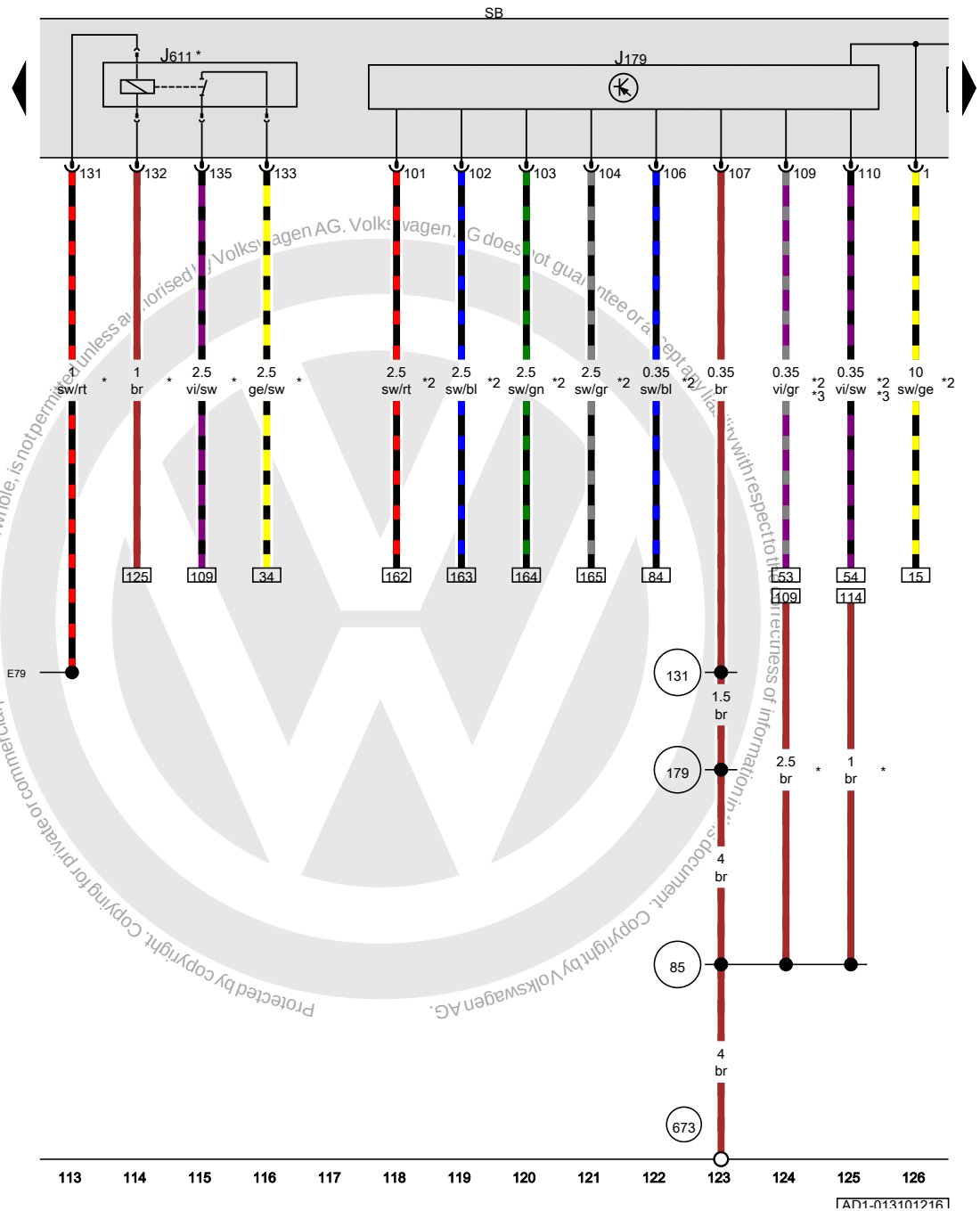


Heated windscreen relay, Engine component current supply relay, Fuse holder B, Heated windscreen

J47	Heated windscreen relay
J757	Engine component current supply relay
SB	Fuse holder B
T1jp	1-pin connector, black
T1ju	1-pin connector, black
Z2	Heated windscreen
D197	Connection 5 (87a), in engine compartment wiring harness
E79	Connection 3 (87a) in engine wiring harness
*	Not for models with equipment for Russia
*2	see applicable current flow diagram for engine
*3	Cross section depends on equipment
*4	Only models with petrol engine
*5	Only models with 2.0l engine
*6	Only models with equipment for Russia

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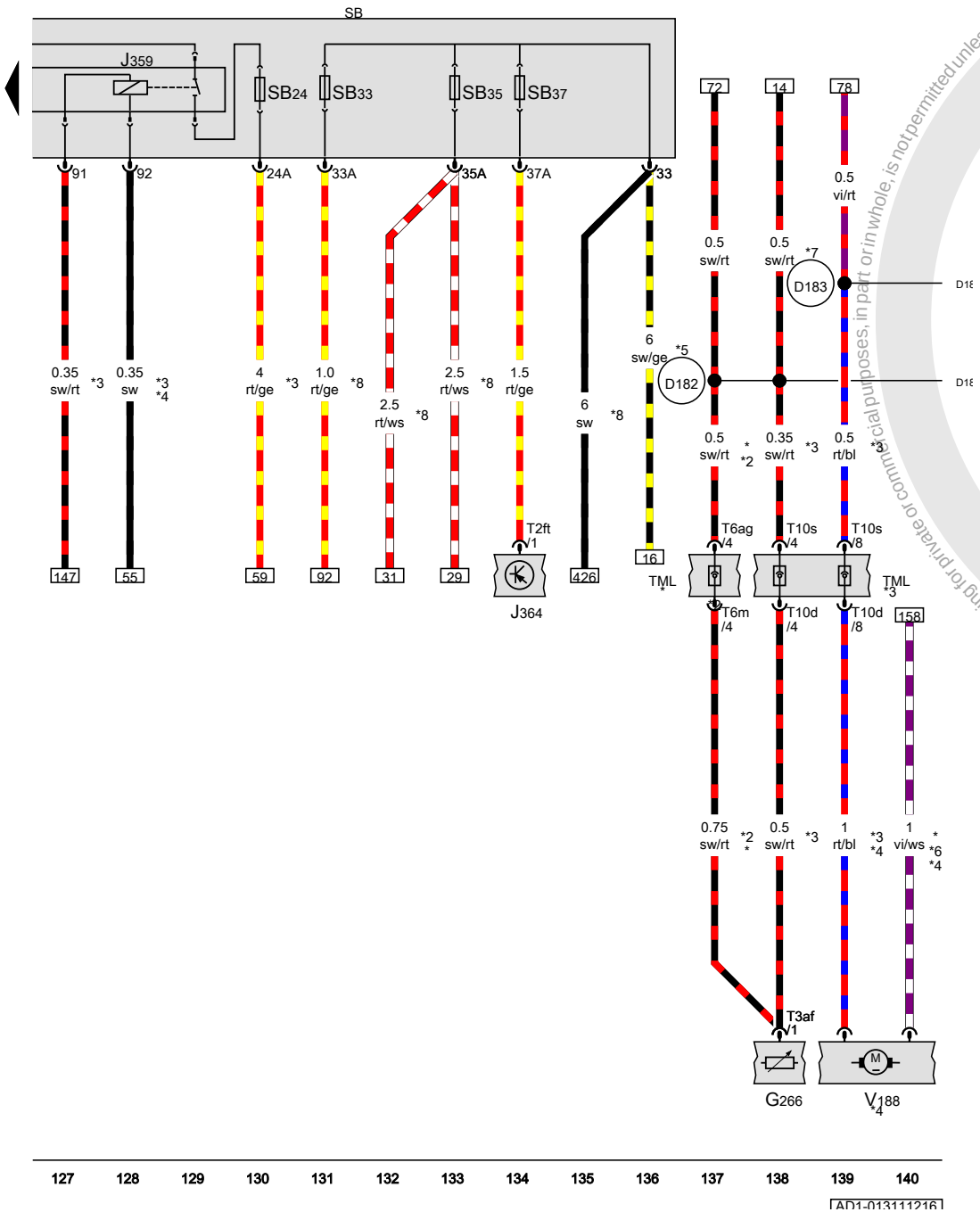


Automatic glow period control unit, Fuse holder B

J179	Automatic glow period control unit
J611	Heated windscreen relay 2
SB	Fuse holder B
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
673	Earth point 3, on front of left longitudinal member
E79	Connection 3 (87a) in engine wiring harness
*	Only models with equipment for Russia
*2	Only models with diesel 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
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ge	=	yellow
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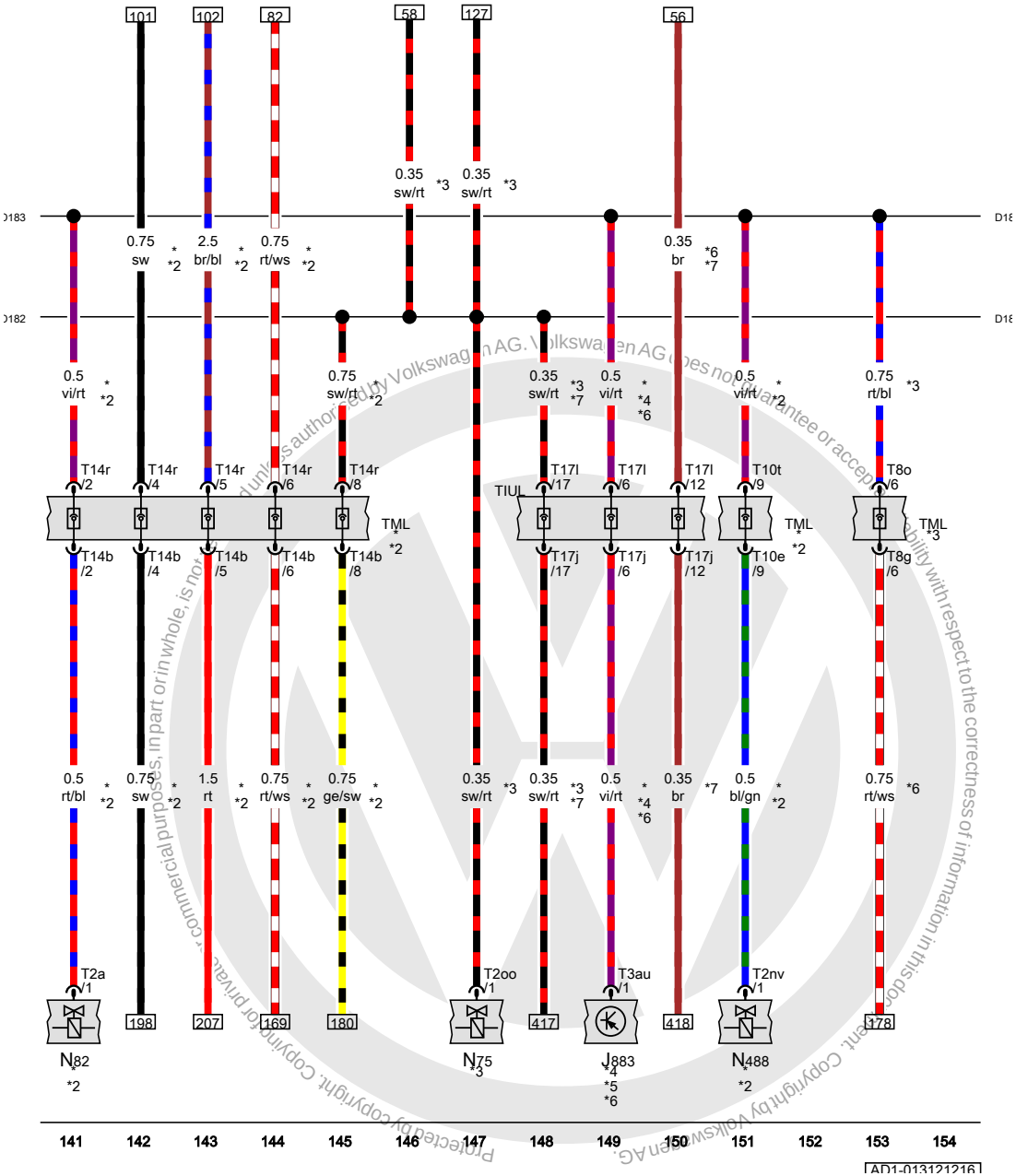


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Oil level and oil temperature sender, Low heat output relay, Auxiliary heater control unit, Fuse holder B, Charge air cooling pump

G266	Oil level and oil temperature sender
J359	Low heat output relay
J364	Auxiliary heater control unit
SB	Fuse holder B
SB24	Fuse 24 on fuse holder B
SB33	Fuse 33 on fuse holder B
SB35	Fuse 35 on fuse holder B
SB37	Fuse 37 on fuse holder B
T2ft	2-pin connector, black
T3af	3-pin connector, black
T6ag	6-pin connector, black
T6m	6-pin connector, black
T10d	10-pin connector, black
T10s	10-pin connector, black
TML	Coupling point in engine compartment, left
V188	Charge air cooling pump
D182	Connection 3 (87a), in engine compartment wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
*	Only models with petrol engine
*2	Only models with 2.0l engine
*3	Only models with diesel engine
*4	see applicable current flow diagram for engine
*5	Only models with battery in engine compartment
*6	Only models with 1.4l engine
*7	see applicable current flow diagram for radiator fan
*8	Only models with battery in luggage compartment

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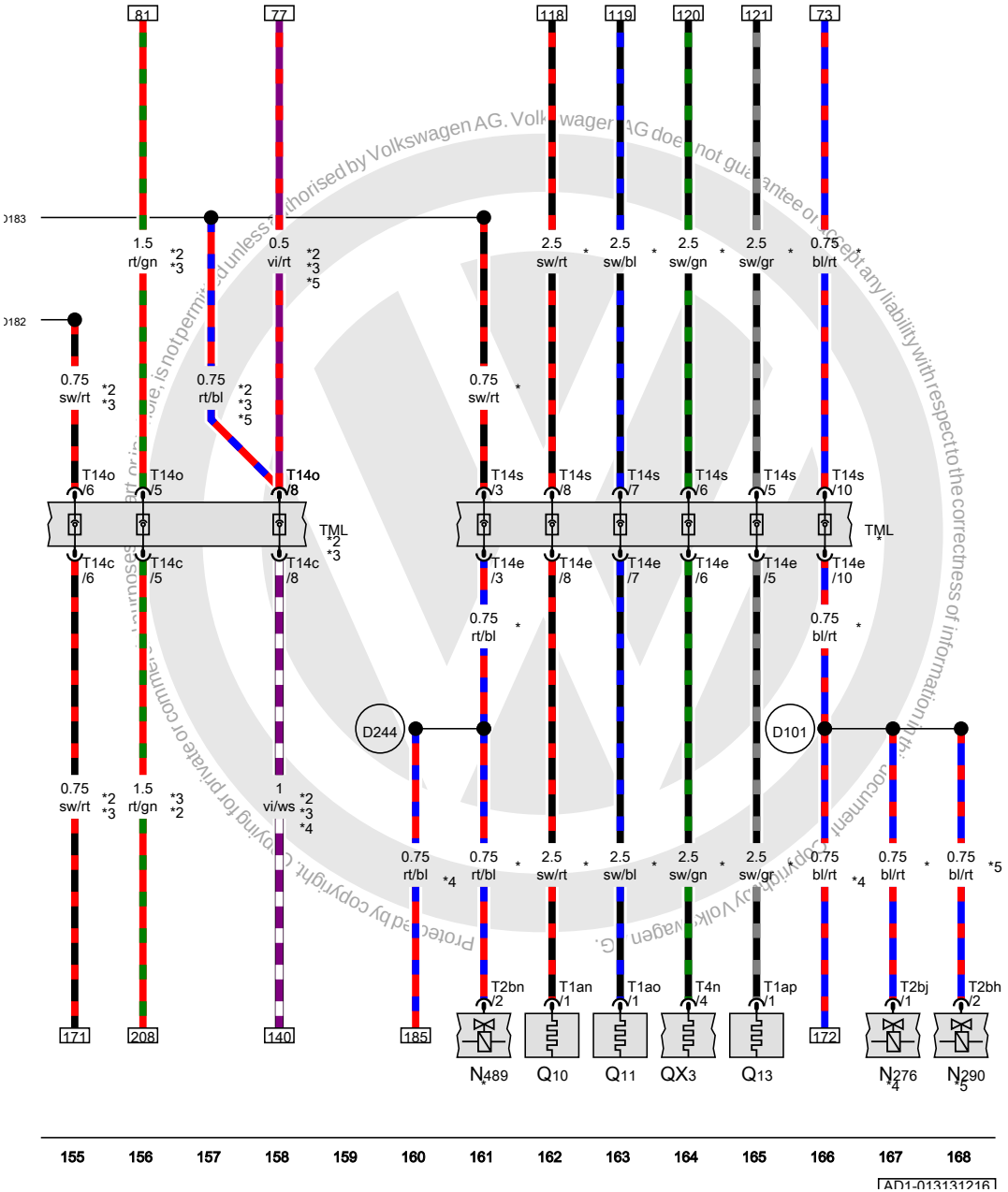


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Exhaust flap control unit, Charge pressure control solenoid valve, Coolant shut-off valve, Coolant valve for gearbox

J883	Exhaust flap control unit
N75	Charge pressure control solenoid valve
N82	Coolant shut-off valve
N488	Coolant valve for gearbox
T2a	2-pin connector, black
T2nv	2-pin connector, black
T2oo	2-pin connector, black
T3au	3-pin connector, black
T8g	8-pin connector, black
T8o	8-pin connector, black
T10e	10-pin connector, black
T10t	10-pin connector, black
T14b	14-pin connector, grey
T14r	14-pin connector, grey
T17j	17-pin connector, brown
T17l	17-pin connector, brown
TIUL	Coupling point in interior, below left
TML	Coupling point in engine compartment, left
D182	Connection 3 (87a), in engine compartment wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
*	Only models with petrol engine
*2	Only models with 2.0l engine
*3	Only models with diesel engine
*4	Only models with 1.4l engine
*5	According to equipment
*6	see applicable current flow diagram for engine
*7	Only models with reducing agent metering system

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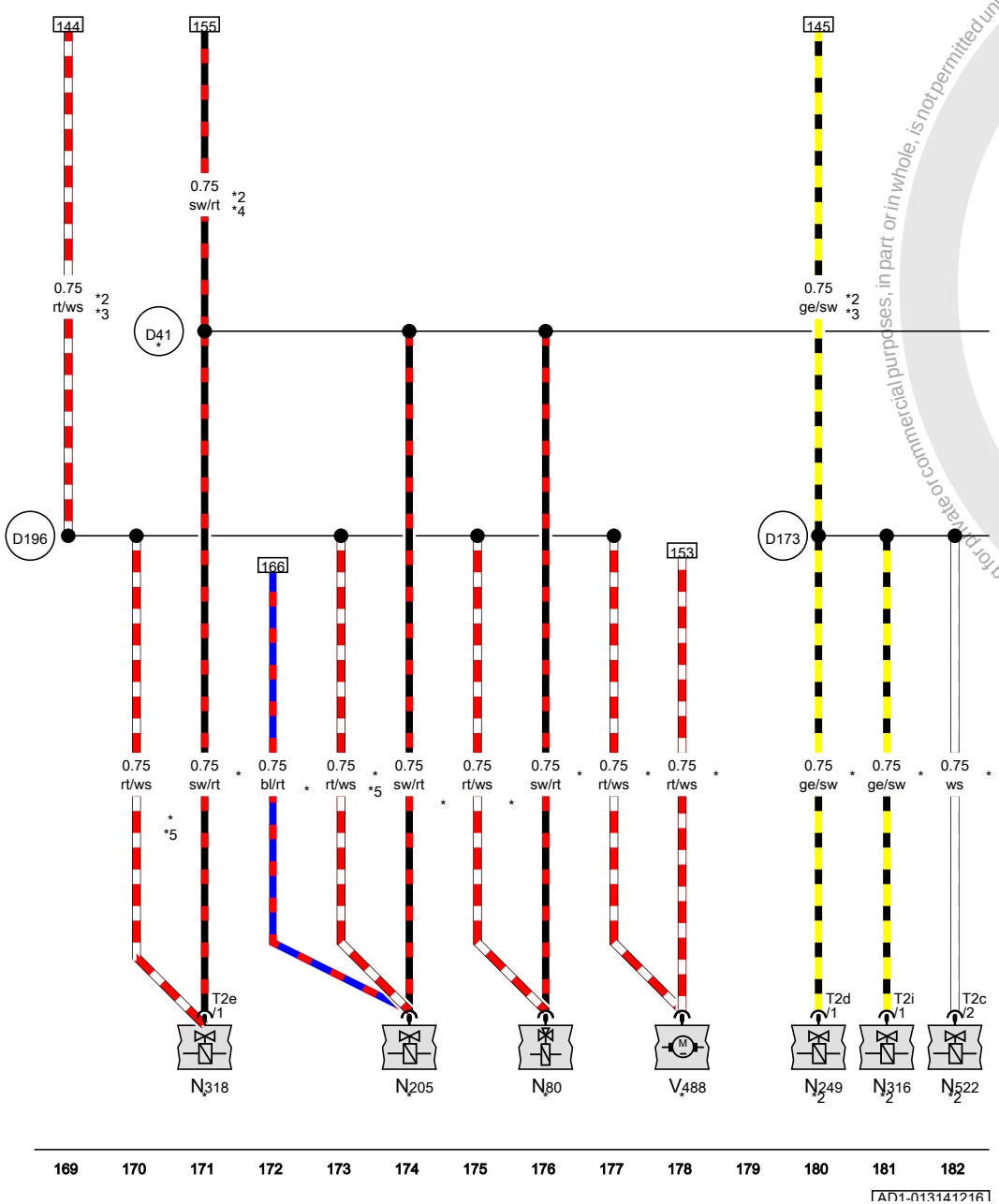
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rs = pink

Fuel pressure regulating valve, Fuel metering valve, Coolant valve for cylinder head, Glow plug 3, Glow plug 1, Glow plug 2, Glow plug 4

N276	Fuel pressure regulating valve
N290	Fuel metering valve
N489	Coolant valve for cylinder head
QX3	Glow plug 3
Q10	Glow plug 1
Q11	Glow plug 2
Q13	Glow plug 4
T1an	1-pin connector, black
T1ao	1-pin connector, black
T1ap	1-pin connector, black
T2bh	2-pin connector, black
T2bj	2-pin connector, black
T2bn	2-pin connector, brown
T4n	4-pin connector, black
T14c	14-pin connector, grey
T14e	14-pin connector, grey
T14o	14-pin connector, grey
T14s	14-pin connector, grey
TML	Coupling point in engine compartment, left
D101	Connection 1 in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
D244	Connection 5 (87a) in engine prewiring harness
*	Only models with diesel engine
*2	Only models with petrol engine
*3	Only models with 1.4l engine
*4	see applicable current flow diagram for engine
*5	According to equipment

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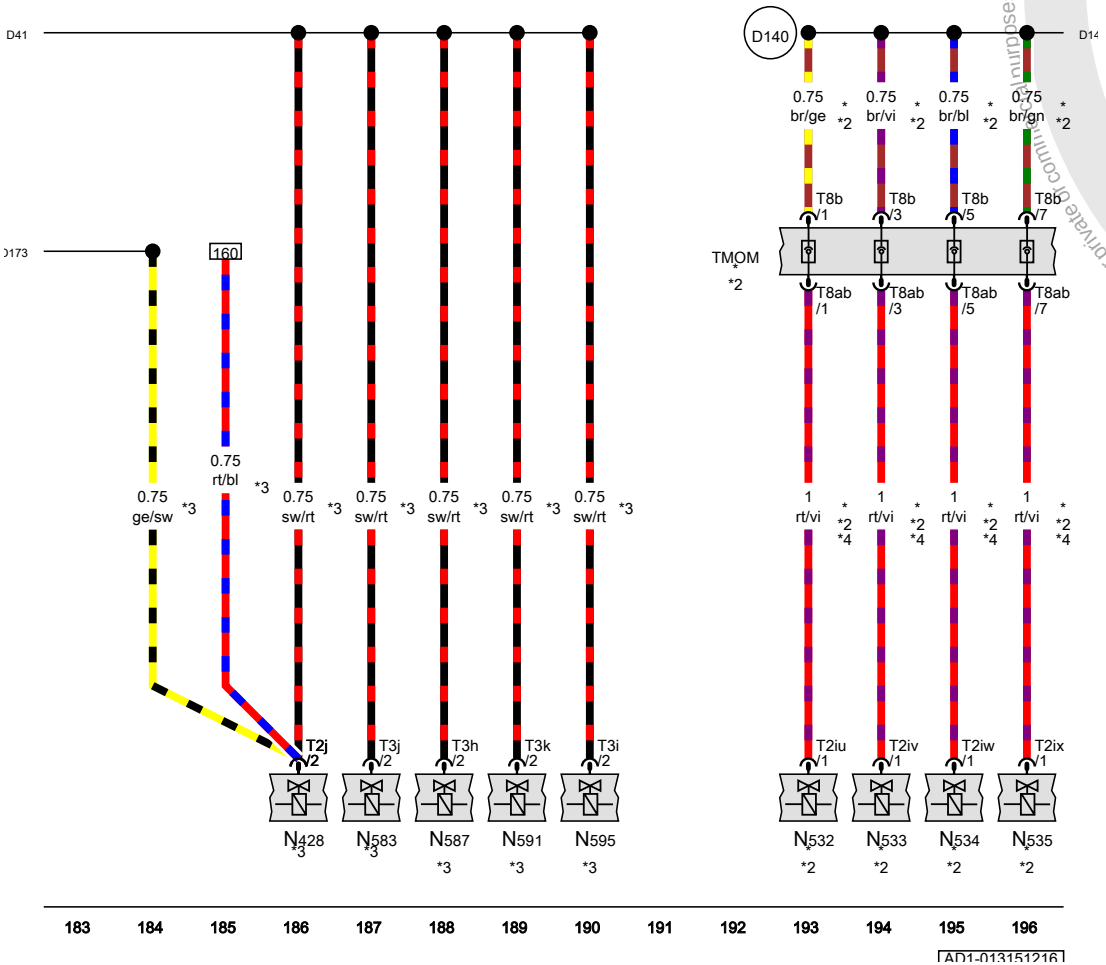


Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve, Exhaust camshaft control valve 1, Piston cooling jet control valve, Auxiliary pump for heating

N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N318	Exhaust camshaft control valve 1
N522	Piston cooling jet control valve
T2c	2-pin connector, black
T2d	2-pin connector, black
T2e	2-pin connector, black
T2i	2-pin connector, black
V488	Auxiliary pump for heating
D41	Connection 3, in engine prewiring harness
D173	Connection (87), in engine prewiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	see applicable current flow diagram for engine
*2	Only models with petrol engine
*3	Only models with 2.0l engine
*4	Only models with 1.4l engine
*5	Wiring colour 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

Valve for oil pressure control, Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4, Inlet cam actuator for cylinder 2, Exhaust cam actuator for cylinder 2, Inlet cam actuator for cylinder 3, Exhaust cam actuator for cylinder 3

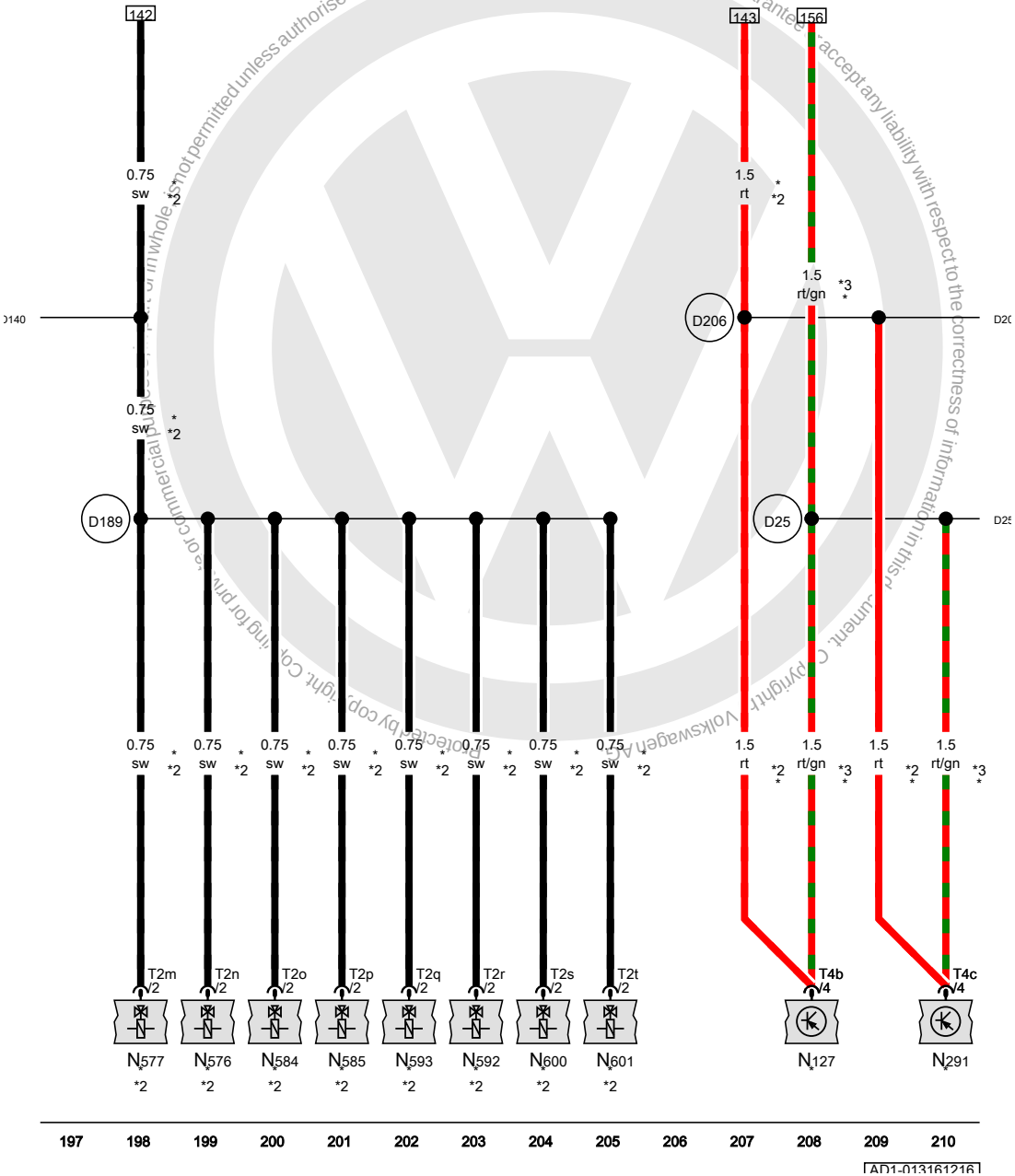


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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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rs	=	pink

N428	Valve for oil pressure control
N532	Injector 2, cylinder 1
N533	Injector 2, cylinder 2
N534	Injector 2, cylinder 3
N535	Injector 2, cylinder 4
N583	Inlet cam actuator for cylinder 2
N587	Exhaust cam actuator for cylinder 2
N591	Inlet cam actuator for cylinder 3
N595	Exhaust cam actuator for cylinder 3
T2iu	2-pin connector, black
T2iv	2-pin connector, black
T2iw	2-pin connector, black
T2ix	2-pin connector, black
T2j	2-pin connector, black
T3h	3-pin connector, black
T3i	3-pin connector, black
T3j	3-pin connector, black
T3k	3-pin connector, black
T8ab	8-pin connector, black
T8b	8-pin connector, black
TMOM	Coupling point on engine, top centre
D41	Connection 3, in engine prewiring harness
D140	Connection (injectors), in engine prewiring harness
D173	Connection (87), in engine prewiring harness
*	Only models with petrol engine
*2	Only models with 2.0l engine
*3	see applicable current flow diagram for engine
*4	Wiring colour depends on equipment

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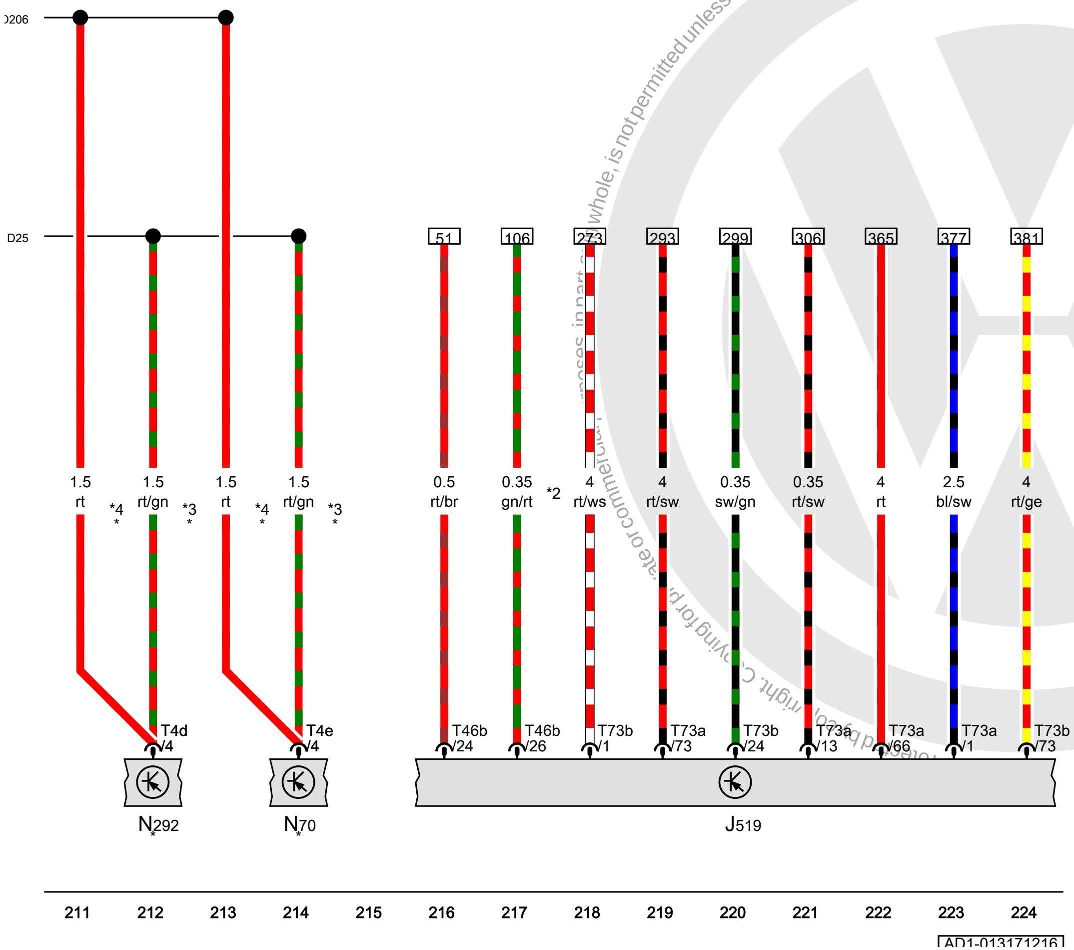
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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or = orange
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Ignition coil 2 with output stage, Ignition coil 3 with output stage, Inlet cam actuator A for cylinder 1, Inlet cam actuator B for cylinder 1, Inlet cam actuator A for cylinder 2, Inlet cam actuator B for cylinder 2, Inlet cam actuator A for cylinder 3, Inlet cam actuator B for cylinder 3, Inlet cam actuator A for cylinder 4, Inlet cam actuator B for cylinder 4

N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N576	Inlet cam actuator A for cylinder 1
N577	Inlet cam actuator B for cylinder 1
N584	Inlet cam actuator A for cylinder 2
N585	Inlet cam actuator B for cylinder 2
N592	Inlet cam actuator A for cylinder 3
N593	Inlet cam actuator B for cylinder 3
N600	Inlet cam actuator A for cylinder 4
N601	Inlet cam actuator B for cylinder 4
T2m	2-pin connector, black
T2n	2-pin connector, black
T2o	2-pin connector, black
T2p	2-pin connector, black
T2q	2-pin connector, black
T2r	2-pin connector, black
T2s	2-pin connector, black
T2t	2-pin connector, black
T4b	4-pin connector, black
T4c	4-pin connector, black
D25	Positive connection (15), in engine prewiring harness
D140	Connection (injectors), in engine prewiring harness
D189	Connection (87a) in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	Only models with petrol engine
*2	Only models with 2.0l engine
*3	Only models with 1.4l engine

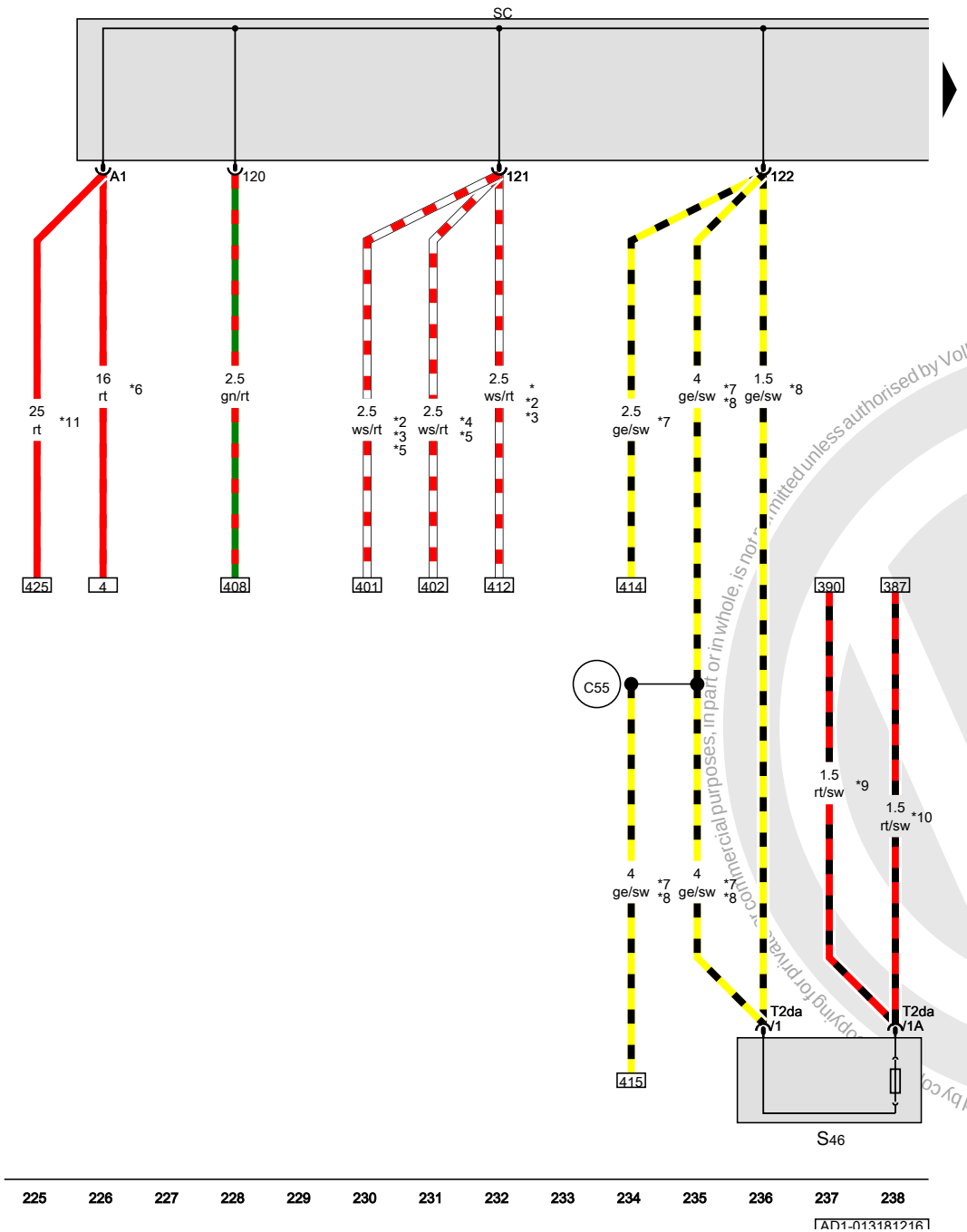
Onboard supply control unit, Ignition coil 1 with output stage, Ignition coil 4 with output stage

J519	Onboard supply control unit
N70	Ignition coil 1 with output stage
N292	Ignition coil 4 with output stage
T4d	4-pin connector, black
T4e	4-pin connector, black
T46b	46-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, black
D25	Positive connection (15), in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	Only models with petrol engine
*2	Cross section depends on equipment
*3	Only models with 1.4l engine
*4	Only models with 2.0l engine



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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li	=	purple
vi	=	purple
ge	=	yellow
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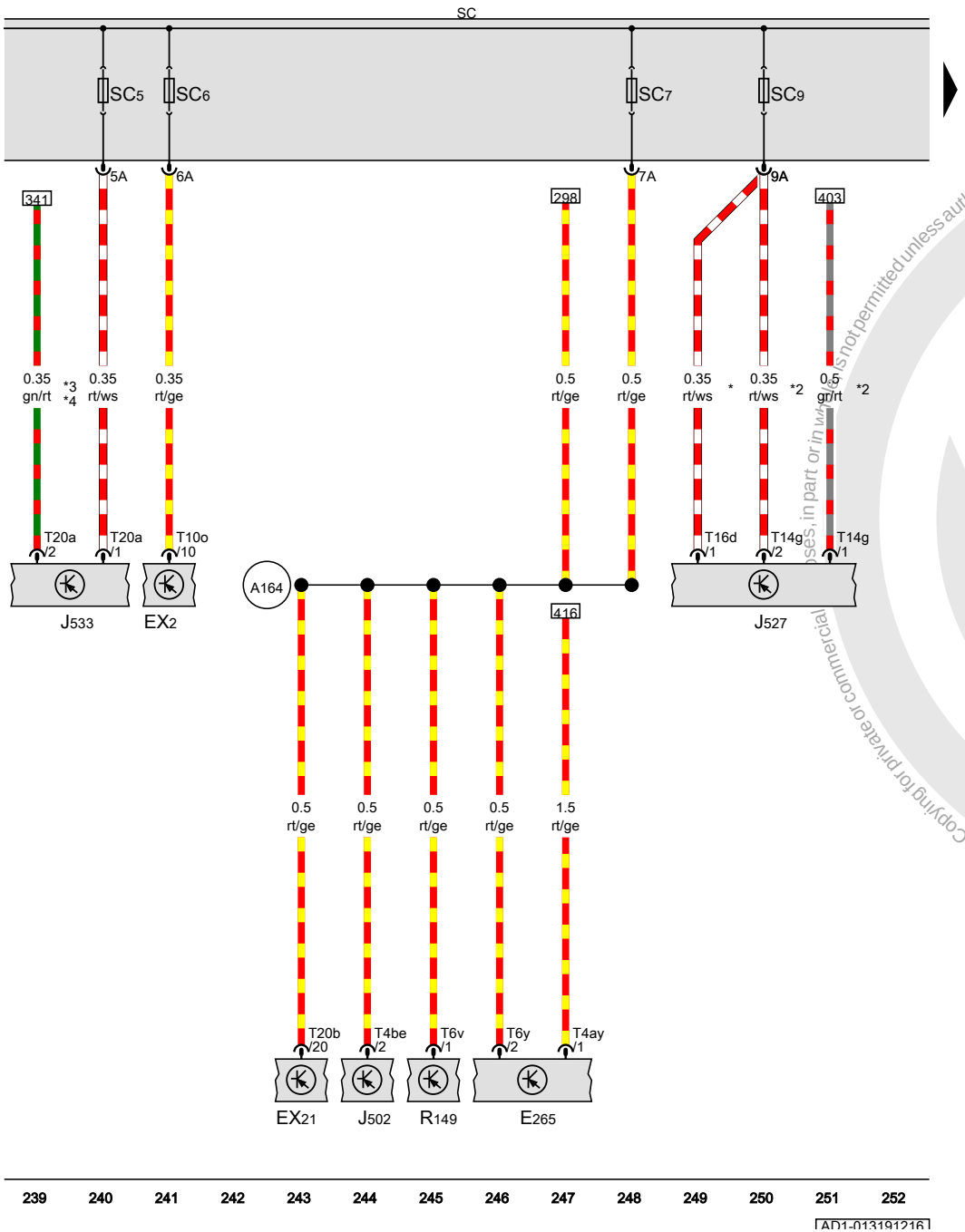


Front passenger seat adjustment thermal fuse 1, Fuse holder C

S46	Front passenger seat adjustment thermal fuse 1
SC	Fuse holder C
T2da	2-pin connector, black
C55	Positive connection (30a), in front left wiring harness
*	Only models with no heated steering wheel
*2	Only models with towing bracket
*3	Only models with preparation for trailer coupling
*4	Only models with no towing bracket
*5	Only models with heated steering wheel
*6	Only models with battery in engine compartment
*7	Only models with seat heating
*8	Only models with seat adjustment
*9	Only left-hand drive models
*10	Only right-hand drive models
*11	Only models with battery in luggage compartment

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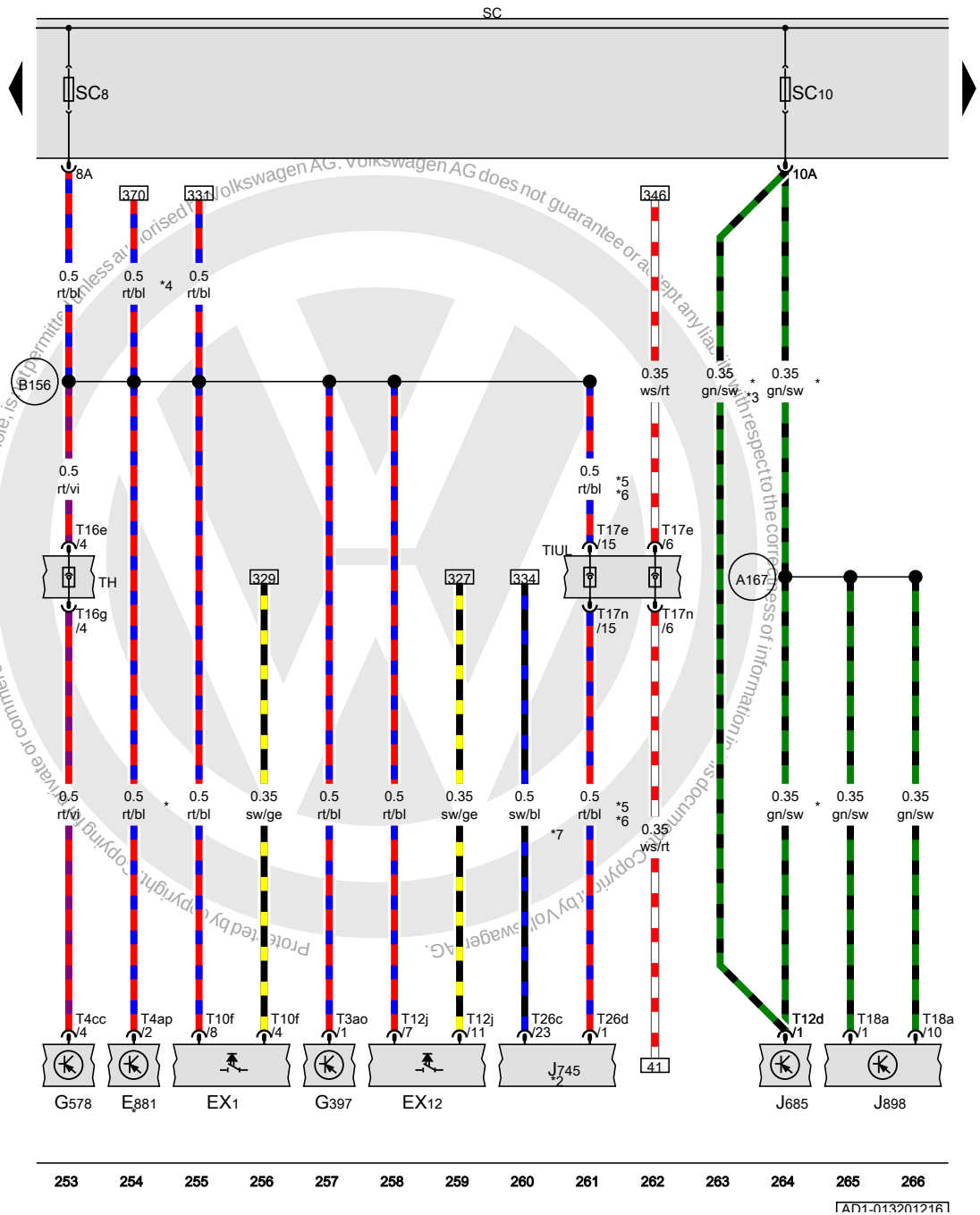


Selector mechanism, Heater and air conditioning controls, Operating and display unit for rear air conditioning system, Tyre Pressure Monitoring System control unit, Steering column electronics control unit, Data bus diagnostic interface, Remote control receiver for auxiliary coolant heater, Fuse holder C

EX2	Selector mechanism
EX21	Heater and air conditioning controls
E265	Operating and display unit for rear air conditioning system
J502	Tyre Pressure Monitoring System control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
R149	Remote control receiver for auxiliary coolant heater
SC	Fuse holder C
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
SC9	Fuse 9 on fuse holder C
T4ay	4-pin connector, black
T4be	4-pin connector, grey
T6v	6-pin connector, blue
T6y	6-pin connector, black
T10o	10-pin connector, black
T14g	14-pin connector, black
T16d	16-pin connector, black
T20a	20-pin connector, red
T20b	20-pin connector, black
A164	Positive connection 2 (30a) in dash panel wiring harness
*	Only models with no heated steering wheel
*2	Only models with heated steering wheel
*3	From May 2016
*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
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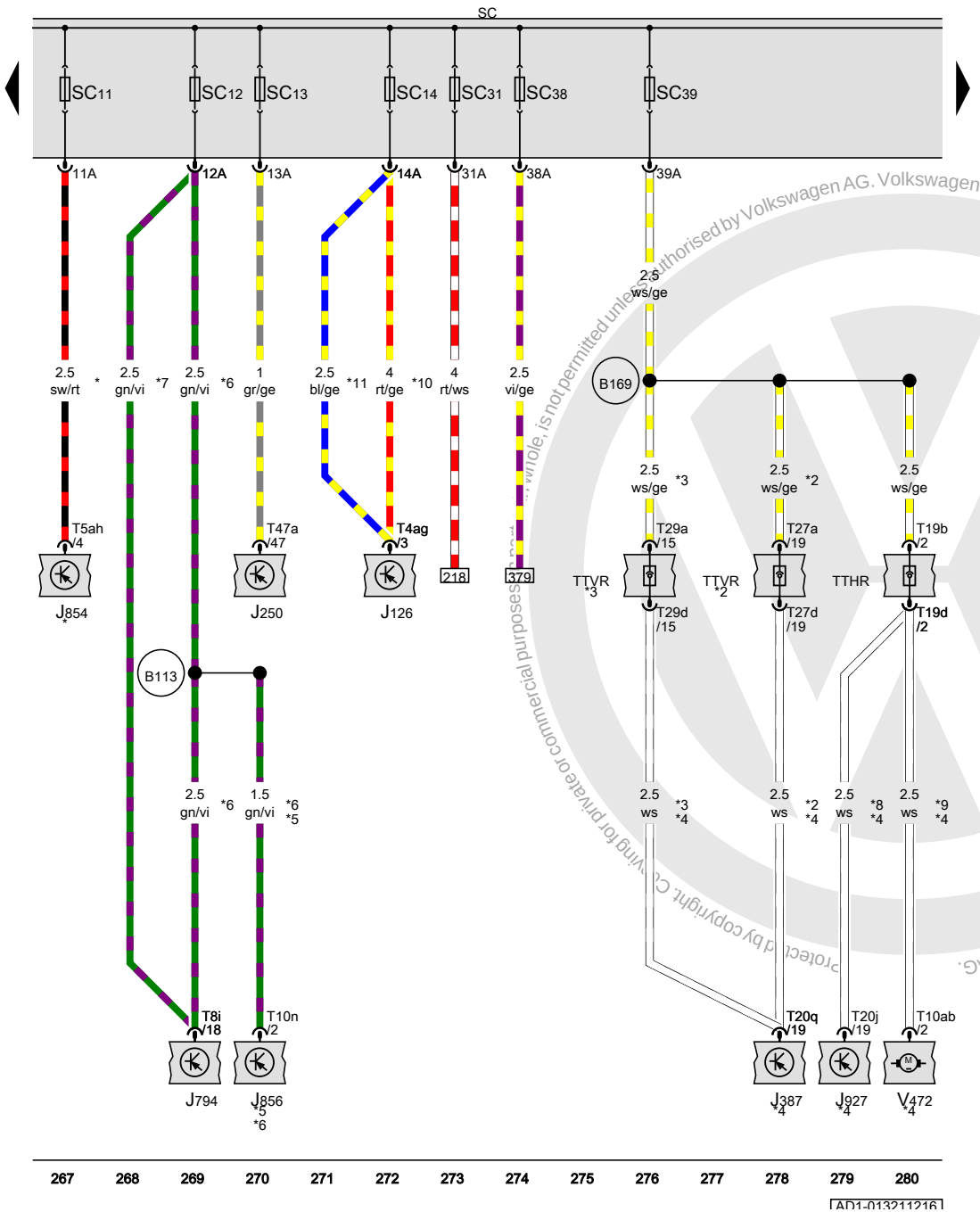


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Rotary light switch, Parking brake button, Operating unit for driving mode selection, Rain and light sensor, Anti-theft alarm sensor, Display unit for front information display and operating unit control unit, Control unit for Head-up Display, Fuse holder C

EX1	Rotary light switch
EX12	Parking brake button
E881	Operating unit for driving mode selection
G397	Rain and light sensor
G578	Anti-theft alarm sensor
J685	Display unit for front information display and operating unit control unit
J745	Control unit for cornering light and headlight range control
J898	Control unit for Head-up Display
SC	Fuse holder C
SC8	Fuse 8 on fuse holder C
SC10	Fuse 10 on fuse holder C
T3ao	3-pin connector, black
T4ap	4-pin connector, black
T4cc	4-pin connector, blue
T10f	10-pin connector, red
T12d	12-pin connector, black
T12j	12-pin connector, black
T16e	16-pin connector, brown
T16g	16-pin connector, brown
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T18a	18-pin connector, colourless
T26c	26-pin connector, black
T26d	26-pin connector, brown
TH	Coupling point for roof
TIUL	Coupling point in interior, below left
A167	Positive connection 3 (30a) in dash panel wiring harness
B156	Positive connection (30a), in interior wiring harness
*	According to equipment
*2	Only models with LED headlights
*3	Up to November 2016
*4	From September 2016
*5	From November 2016
*6	Only models with LED headlights and VARILIS headlights
*7	Only models with LED headlights and without VARILIS headlights

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Fresh air blower control unit, Electronically controlled damping control unit, Front passenger door control unit, Control unit 1 for information electronics, Control unit for front left belt tensioner, Rear passenger side door control unit, Fuse holder C, Rear passenger side window regulator motor

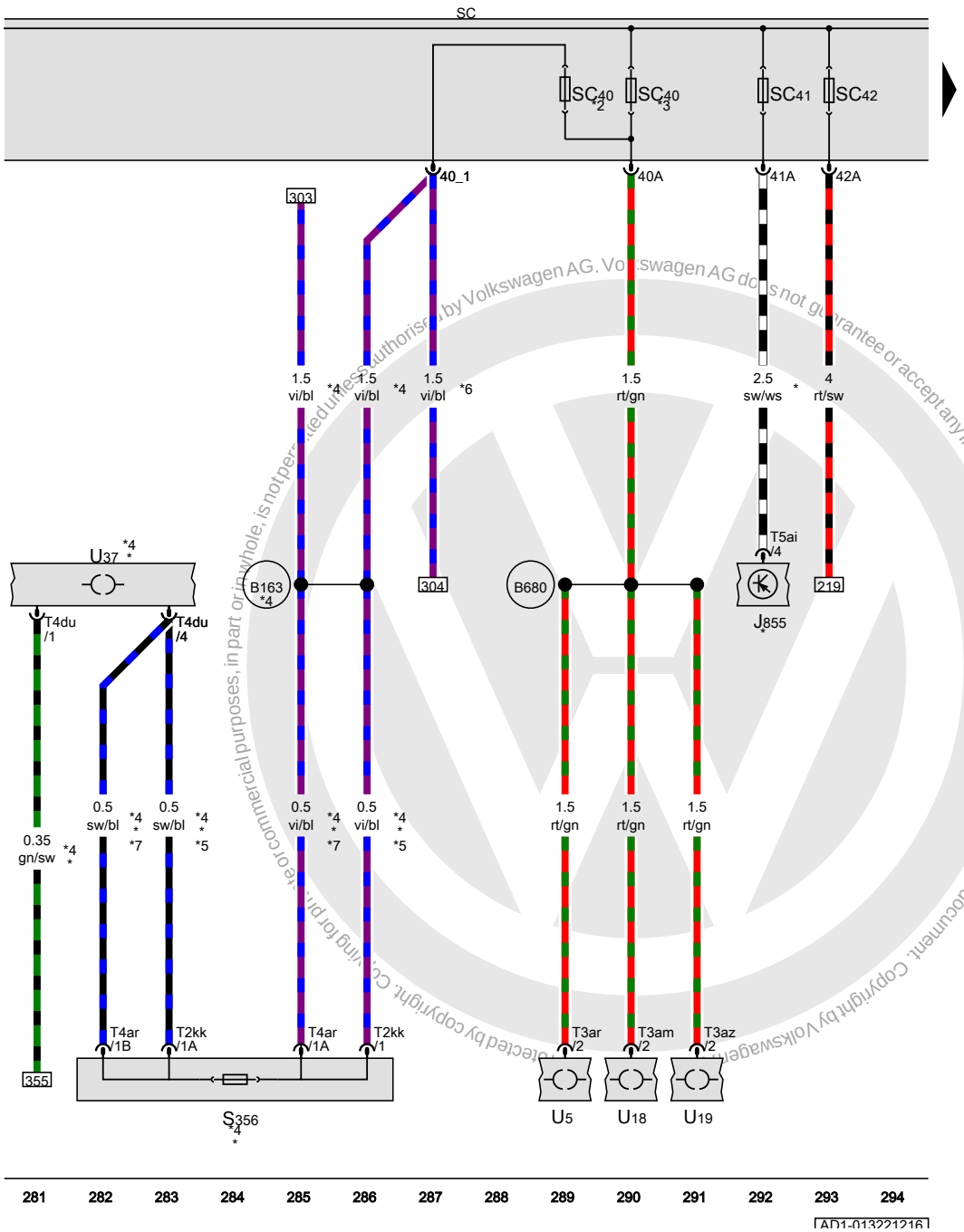
J126	Fresh air blower control unit
J250	Electronically controlled damping control unit
J387	Front passenger door control unit
J794	Control unit 1 for information electronics
J854	Control unit for front left belt tensioner
J856	Control unit for navigation system
J927	Rear passenger side door control unit
SC	Fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC38	Fuse 38 on fuse holder C
SC39	Fuse 39 on fuse holder C
T4ag	4-pin connector, black
T5ah	5-pin connector, colourless
T8i	8-pin connector, black
T10ab	10-pin connector, black
T10n	10-pin connector, black
T19b	19-pin connector, black
T19d	19-pin connector, black
T20j	20-pin connector, black
T20q	20-pin connector, black
T27a	27-pin connector, black
T27d	27-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
T47a	47-pin connector, black
TTHR	Coupling point for rear right door
TTVR	Coupling point for front right door
V472	Rear passenger side window regulator motor
B113	Positive connection (30a), in left interior wiring harness
B169	Positive connection 1 (30), in interior wiring harness
*	According to equipment
*2	Only models with no overhead view camera
*3	Only models with overhead view camera
*4	see applicable current flow diagram for convenience system
*5	Only models with equipment for Korea
*6	From May 2016
*7	Up to May 2016

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or	=	orange
rs	=	pink

*8	Only models with ambient lighting, version 1
*9	Only models with no ambient lighting
*10	From November 2016
*11	Up to November 2016

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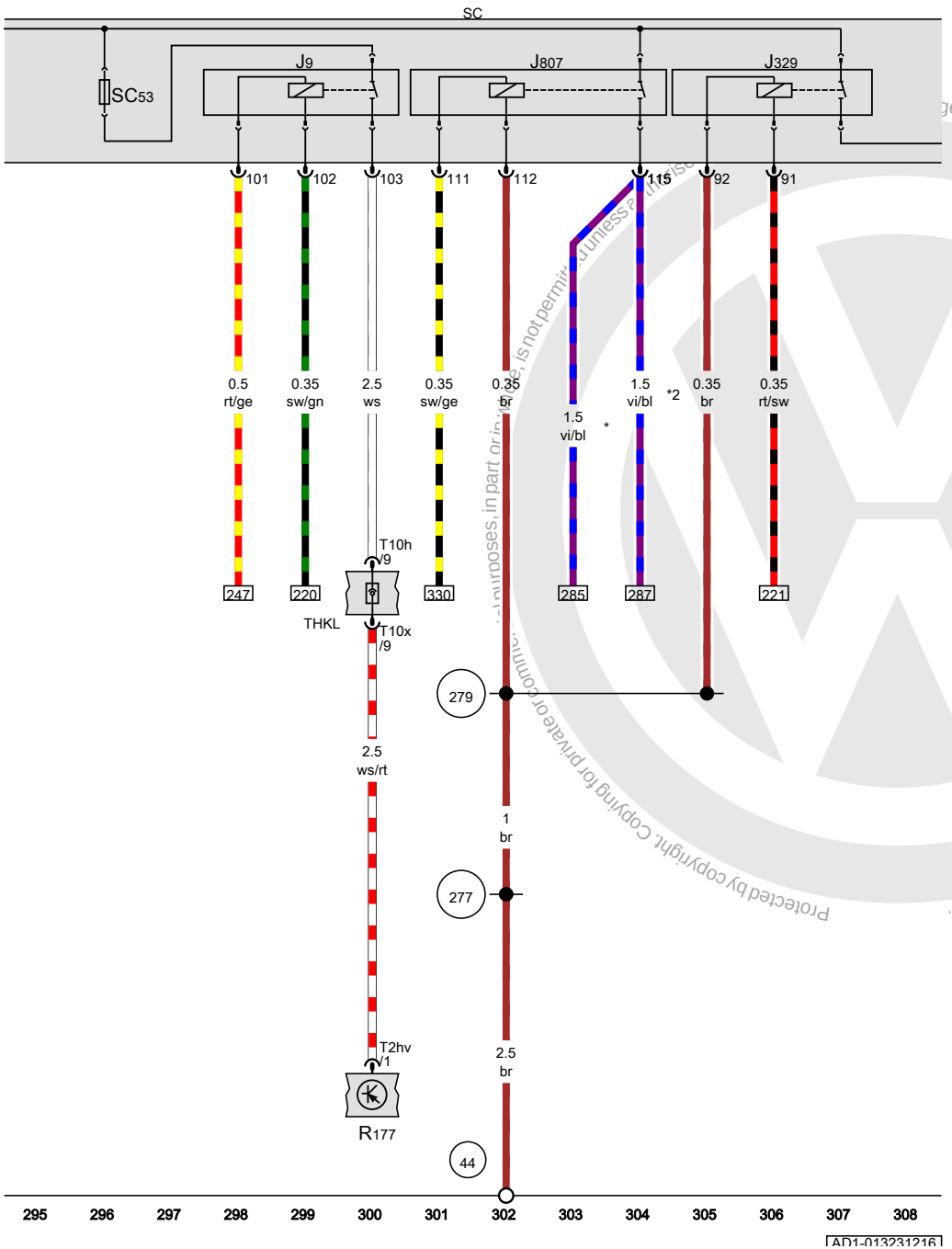


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit for front right belt tensioner, USB charging socket fuse, Fuse holder C, 12 V socket, 12 V socket 2, 12 V socket 3, USB charging socket 1

J855	Control unit for front right belt tensioner
S356	USB charging socket fuse
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
T2kk	2-pin connector, black
T3am	3-pin connector, colourless
T3ar	3-pin connector, colourless
T3az	3-pin connector, colourless
T4ar	4-pin connector, black
T4du	4-pin connector, red
T5ai	5-pin connector, colourless
U5	12 V socket
U18	12 V socket 2
U19	12 V socket 3
U37	USB charging socket 1
B163	Positive connection 1 (15), in interior wiring harness
B680	Connection (electric socket), in interior wiring harness
*	According to equipment
*2	Factory fitted with power supply from terminal 15
*3	Power supply via terminal 30 possible
*4	From November 2016
*5	Only left-hand drive models
*6	Up to November 2016
*7	Only right-hand drive models

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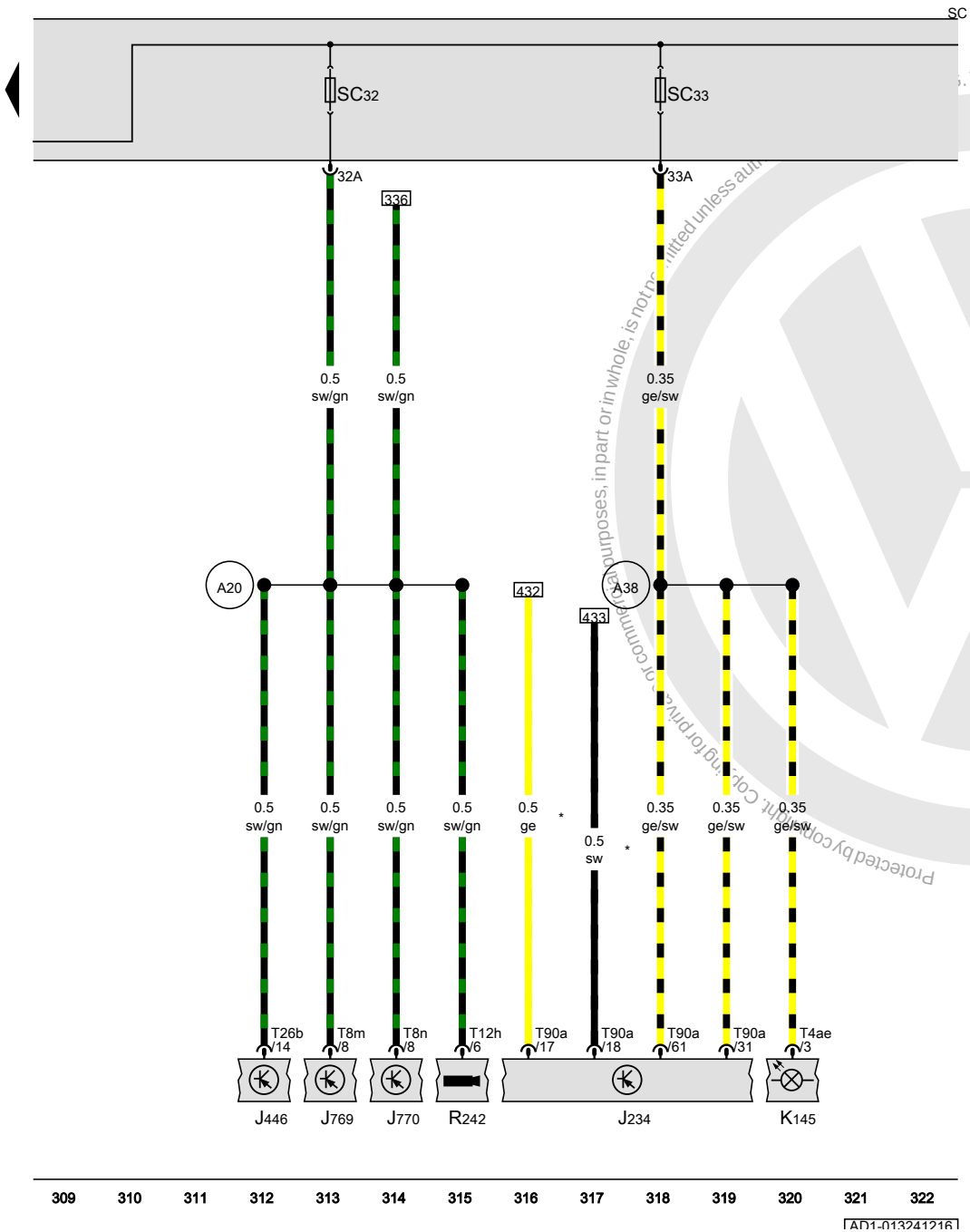


Heated rear window relay, Terminal 15 voltage supply relay, Relay for power sockets, Amplitude modulation (AM) frequency filter, Fuse holder C

J9	Heated rear window relay
J329	Terminal 15 voltage supply relay
J807	Relay for power sockets
R177	Amplitude modulation (AM) frequency filter
SC	Fuse holder C
SC53	Fuse 53 on fuse holder C
T2hv	2-pin connector, black
T10h	10-pin connector, black
T10x	10-pin connector, black
THKL	Coupling point on rear lid, left
44	Earth point, lower part of left A-pillar
277	Earth connection 3, in interior wiring harness
279	Earth connection 5, in interior wiring harness
*	From November 2016
*2	Up to November 2016

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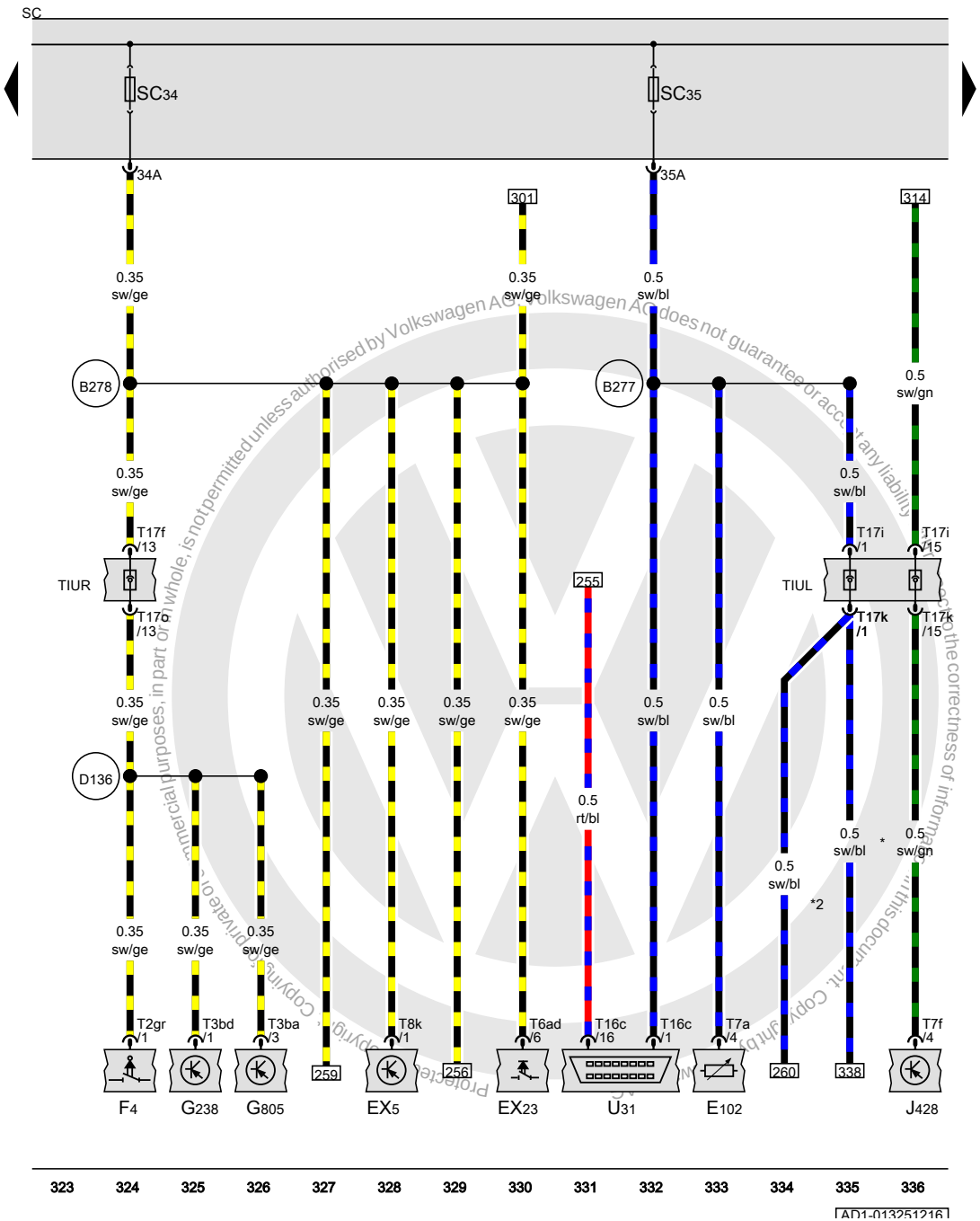


Airbag control unit, Parking aid control unit, Lane change assist control unit, Lane change assist control unit 2, Front passenger side airbag deactivated warning lamp, Front camera for driver assist systems, Fuse holder C

J234	Airbag control unit
J446	Parking aid control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
K145	Front passenger side airbag deactivated warning lamp
R242	Front camera for driver assist systems
SC	Fuse holder C
SC32	Fuse 32 on fuse holder C
SC33	Fuse 33 on fuse holder C
T4ae	4-pin connector, black
T8m	8-pin connector, black
T8n	8-pin connector, black
T12h	12-pin connector, black
T26b	26-pin connector, black
T90a	90-pin connector, yellow
A20	Positive connection (15a), in dash panel wiring harness
A38	Positive connection 2 (15a) in dash panel wiring harness
*	Only models with battery in luggage compartment

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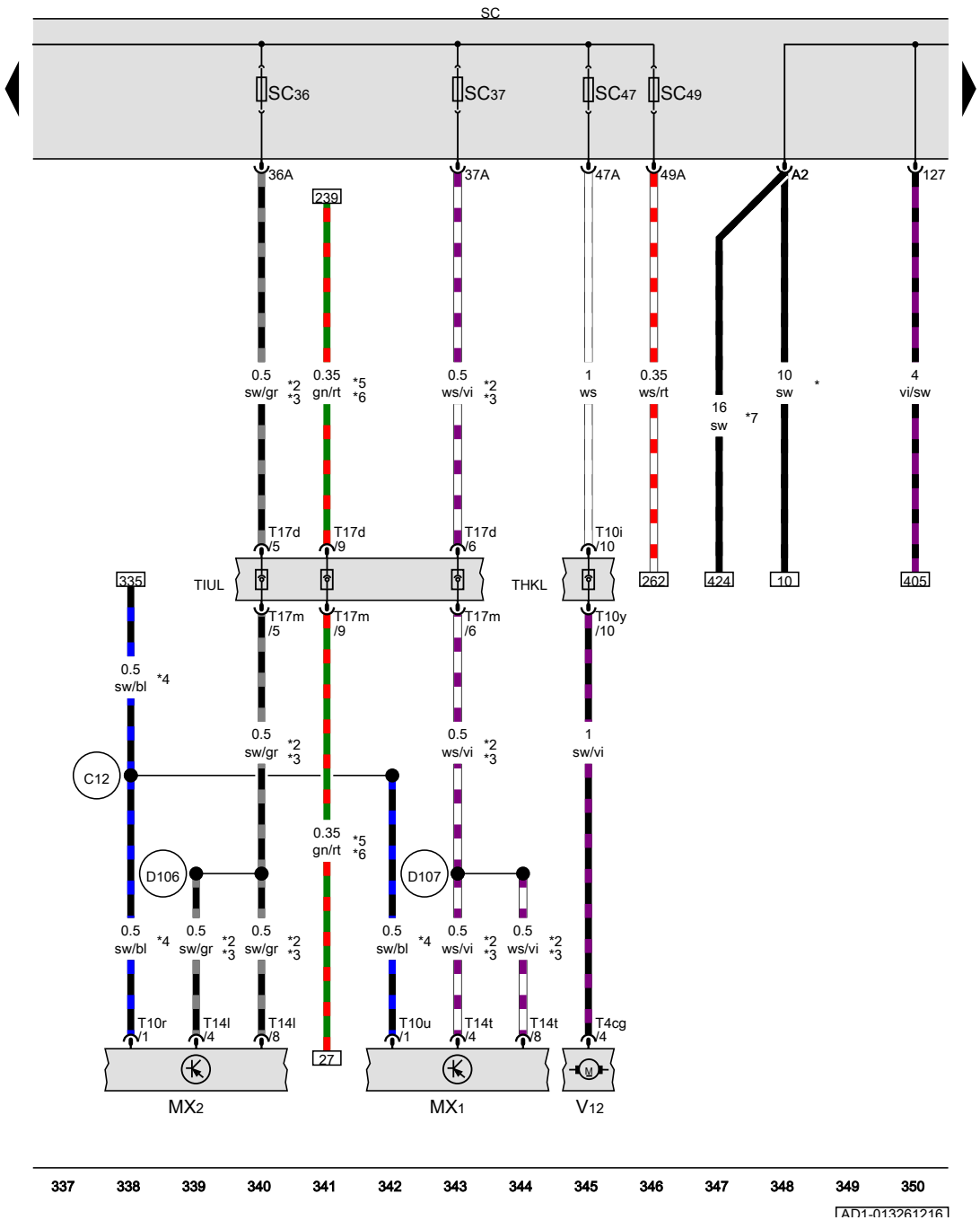


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Interior mirror, Switch module 1 in centre console, Headlight range control regulator, Reversing light switch, Air quality sensor, Pressure sender for refrigerant circuit, Adaptive cruise control unit, Fuse holder C, Diagnostic connection

EX5	Interior mirror
EX23	Switch module 1 in centre console
E102	Headlight range control regulator
F4	Reversing light switch
G238	Air quality sensor
G805	Pressure sender for refrigerant circuit
J428	Adaptive cruise control unit
SC	Fuse holder C
SC34	Fuse 34 on fuse holder C
SC35	Fuse 35 on fuse holder C
T2gr	2-pin connector, black
T3ba	3-pin connector, black
T3bd	3-pin connector, grey
T6ad	6-pin connector, black
T7a	7-pin connector, black
T7f	7-pin connector, black
T8k	8-pin connector, black
T16c	16-pin connector, black
T17f	17-pin connector, black
T17i	17-pin connector, black
T17k	17-pin connector, black
T17o	17-pin connector, black
TIUL	Coupling point in interior, below left
TIUR	Coupling point in interior, below right
U31	Diagnostic connection
B277	Positive connection 1 (15a) in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
*	Only models with no LED headlights
*2	Only models with LED headlights and without VARILIS headlights

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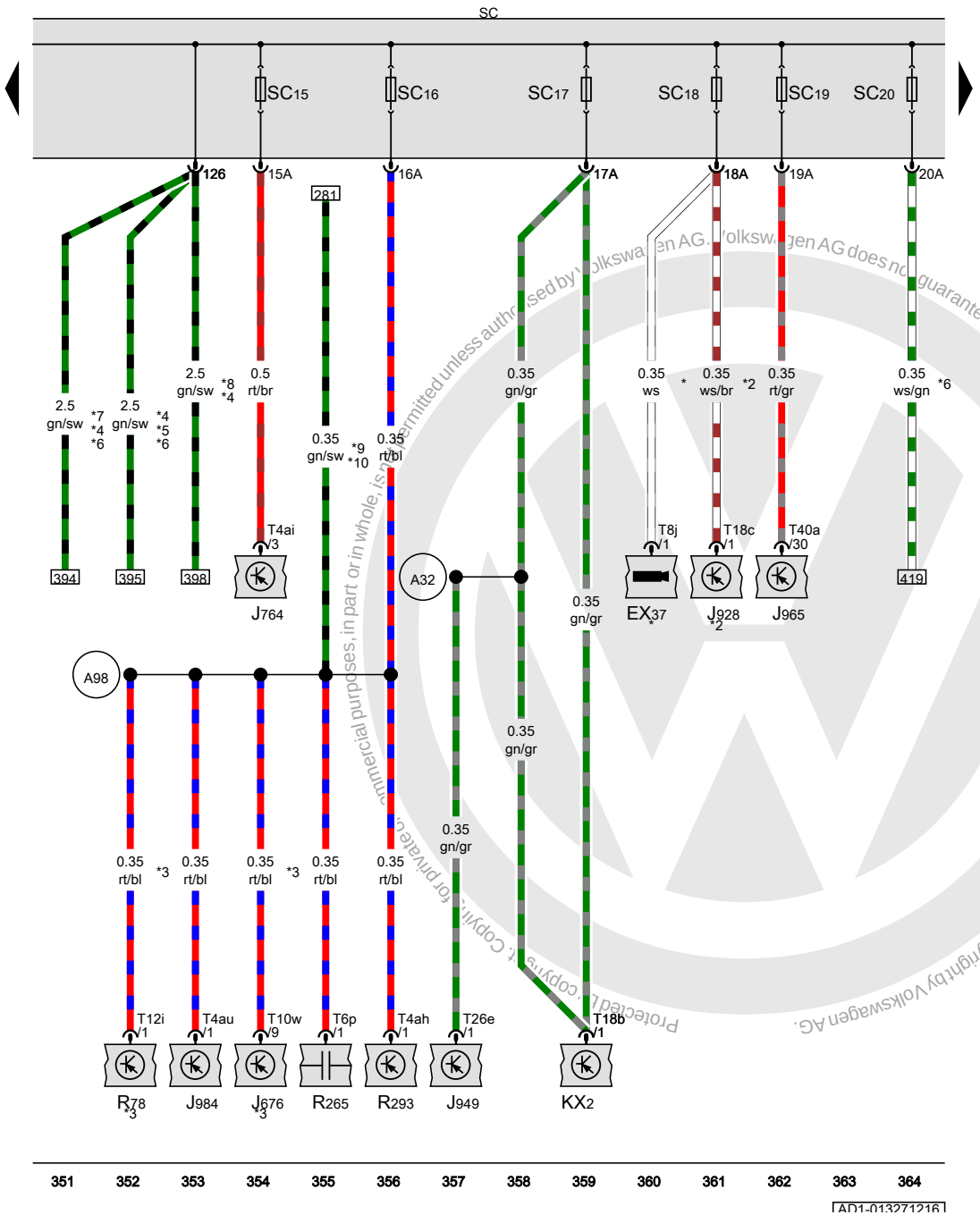


Front left headlight, Front right headlight, Fuse holder C, Rear window wiper motor

MX1	Front left headlight
MX2	Front right headlight
SC	Fuse holder C
SC36	Fuse 36 on fuse holder C
SC37	Fuse 37 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC49	Fuse 49 on fuse holder C
T4cg	4-pin connector, black
T10i	10-pin connector, brown
T10r	10-pin connector, black
T10u	10-pin connector, black
T10y	10-pin connector, brown
T14l	14-pin connector, black
T14t	14-pin connector, black
T17d	17-pin connector, red
T17m	17-pin connector, red
THKL	Coupling point on rear lid, left
TIUL	Coupling point in interior, below left
V12	Rear window wiper motor
C12	Positive connection 1, in headlight wiring harness
D106	Connection 4 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness
*	Only models with battery in engine compartment
*2	Only models with dynamic cornering light
*3	Only models with LED headlights and VARILIS headlights
*4	Only models with no LED headlights
*5	From May 2016
*6	According to equipment
*7	Only models with battery in luggage compartment

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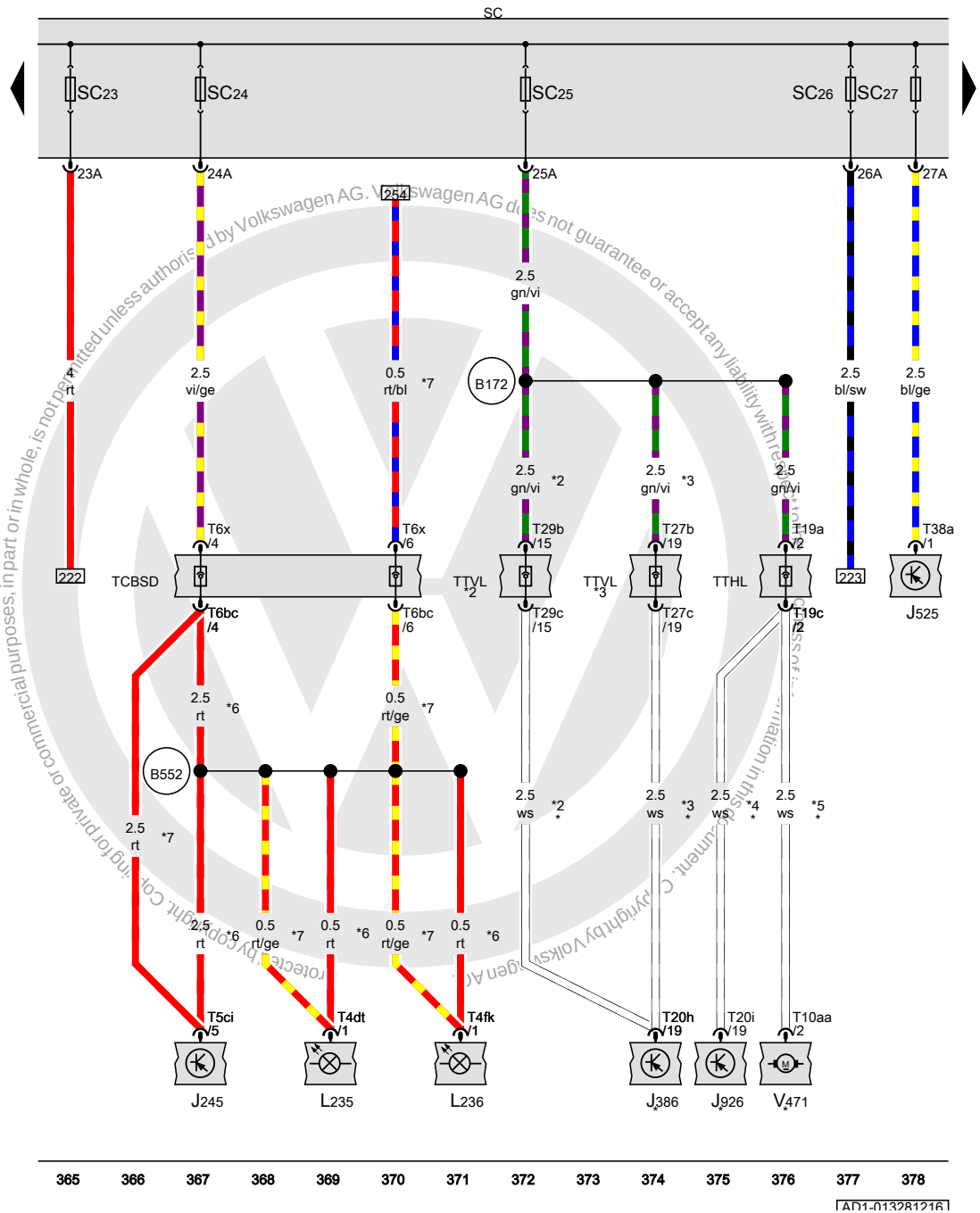


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Rear lid handle, Control unit for electronic steering column lock, Control unit for overhead view camera, Interface for entry and start system, Dash panel insert, USB hub, Fuse holder C

EX37	Rear lid handle
J676	Chip card reader control unit
J764	Control unit for electronic steering column lock
J928	Control unit for overhead view camera
J949	Emergency call module control unit and communication unit
J965	Interface for entry and start system
J984	Two-way signal amplifier for mobile telephone/data services
KX2	Dash panel insert
R78	TV tuner
R265	Storage compartment with interface for mobile telephone
R293	USB hub
SC	Fuse holder C
SC15	Fuse 15 on fuse holder C
SC16	Fuse 16 on fuse holder C
SC17	Fuse 17 on fuse holder C
SC18	Fuse 18 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
T4ah	4-pin connector, red
T4ai	4-pin connector, black
T4au	4-pin connector, black
T6p	6-pin connector, black
T8j	8-pin connector, black
T10w	10-pin connector, black
T12i	12-pin connector, black
T18b	18-pin connector, black
T18c	18-pin connector, black
T26e	26-pin connector, black
T40a	40-pin connector, black
A32	Positive connection (30), in dash panel wiring harness
A98	Positive connection 4 (30), in dash panel wiring harness
*	Only models with no overhead view camera
*2	Only models with overhead view camera
*3	Only models with equipment for Japan
*4	Only models with diesel engine
*5	Only models with front-wheel drive
*6	Only models with reducing agent metering system
*7	Only models with all-wheel drive
*8	Only models with petrol engine
*9	From November 2016
*10	According to equipment

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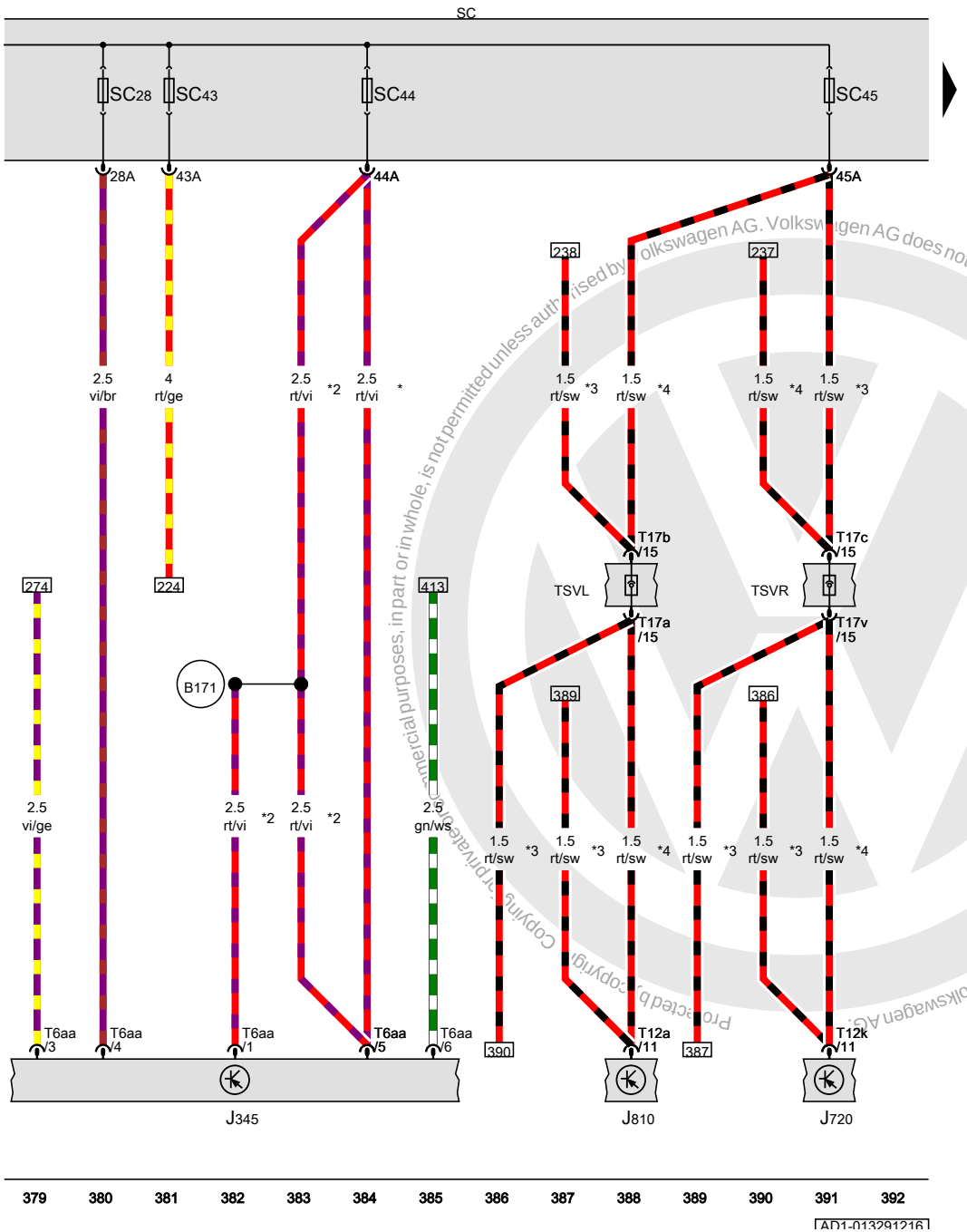


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Sliding sunroof adjustment control unit, Driver door control unit, Digital sound package control unit, Rear driver side door control unit, Light 1 for roof contour lighting, Light 2 for roof contour lighting, Fuse holder C, Rear driver side window regulator motor

J245	Sliding sunroof adjustment control unit
J386	Driver door control unit
J525	Digital sound package control unit
J926	Rear driver side door control unit
L235	Light 1 for roof contour lighting
L236	Light 2 for roof contour lighting
SC	Fuse holder C
SC23	Fuse 23 on fuse holder C
SC24	Fuse 24 on fuse holder C
SC25	Fuse 25 on fuse holder C
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
T4dt	4-pin connector, black
T4fk	4-pin connector, black
T5ci	5-pin connector, black
T6bc	6-pin connector, black
T6x	6-pin connector, black
T10aa	10-pin connector, black
T19a	19-pin connector, black
T19c	19-pin connector, black
T20h	20-pin connector, black
T20i	20-pin connector, black
T27b	27-pin connector, black
T27c	27-pin connector, black
T29b	29-pin connector, white
T29c	29-pin connector, white
T38a	38-pin connector, black
TCBSD	Coupling point for CAN bus sunroof
TTHL	Coupling point for rear left door
TTVL	Coupling point for front left door
V471	Rear driver side window regulator motor
B172	Positive connection 4 (30), in interior wiring harness
B552	Positive connection 2, in roof wiring harness
*	see applicable current flow diagram for convenience system
*2	Only models with overhead view camera
*3	Only models with no overhead view camera
*4	Only models with ambient lighting, version 1
*5	Only models with no ambient lighting
*6	Up to September 2016
*7	From September 2016

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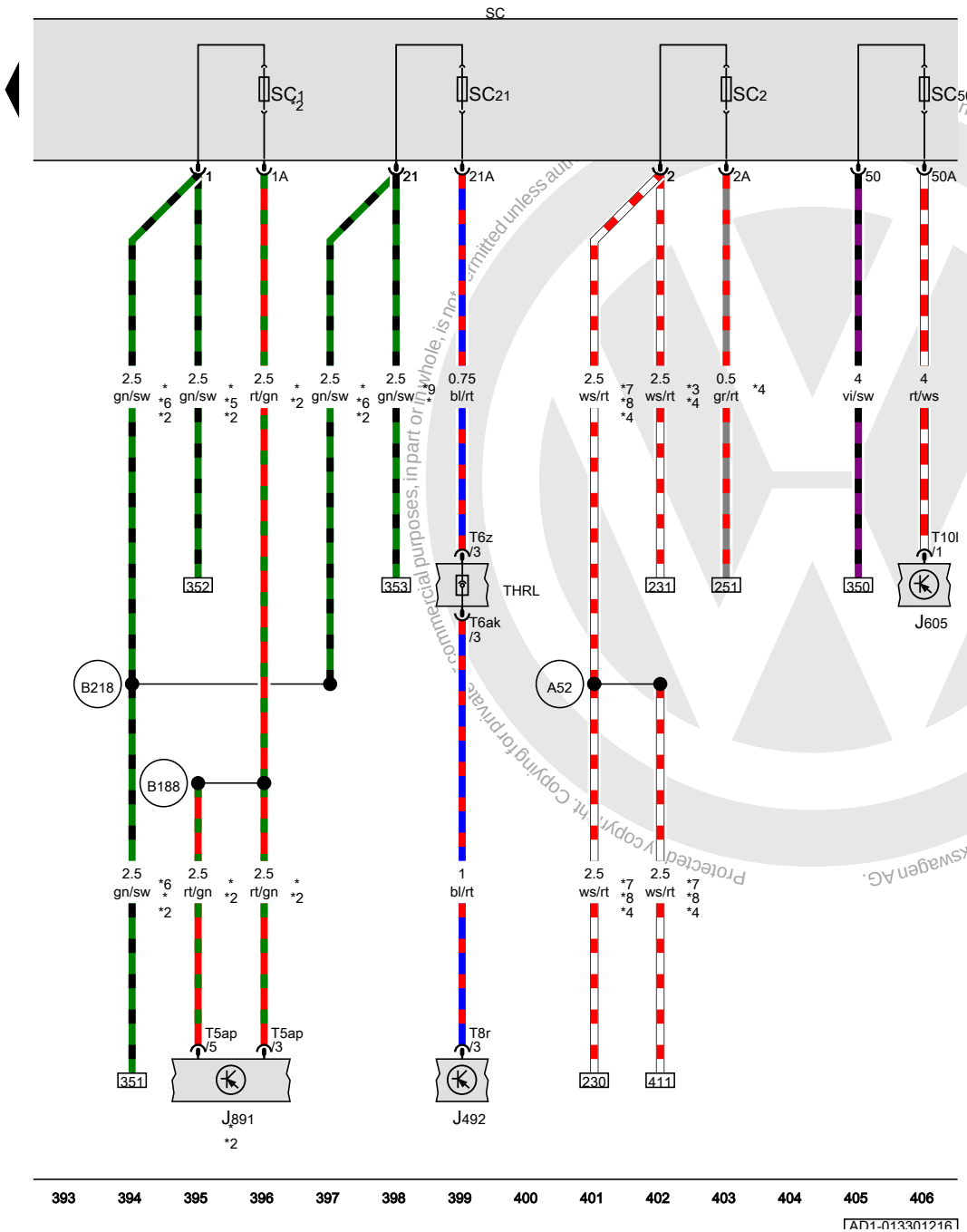


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Trailer detector control unit, Front passenger seat position control unit, Driver seat adjustment control unit, Fuse holder C

J345	Trailer detector control unit
J720	Front passenger seat position control unit
J810	Driver seat adjustment control unit
SC	Fuse holder C
SC28	Fuse 28 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
T6aa	6-pin connector, black
T12a	12-pin connector, black
T12k	12-pin connector, black
T17a	17-pin connector, red
T17b	17-pin connector, red
T17c	17-pin connector, red
T17v	17-pin connector, red
TSVL	Coupling point for front left seat
TSVR	Coupling point for front right seat
B171	Positive connection 3 (30), in interior wiring harness
*	Only models with preparation for trailer coupling
*2	Only models with towing bracket
*3	Only right-hand drive models
*4	Only left-hand drive models

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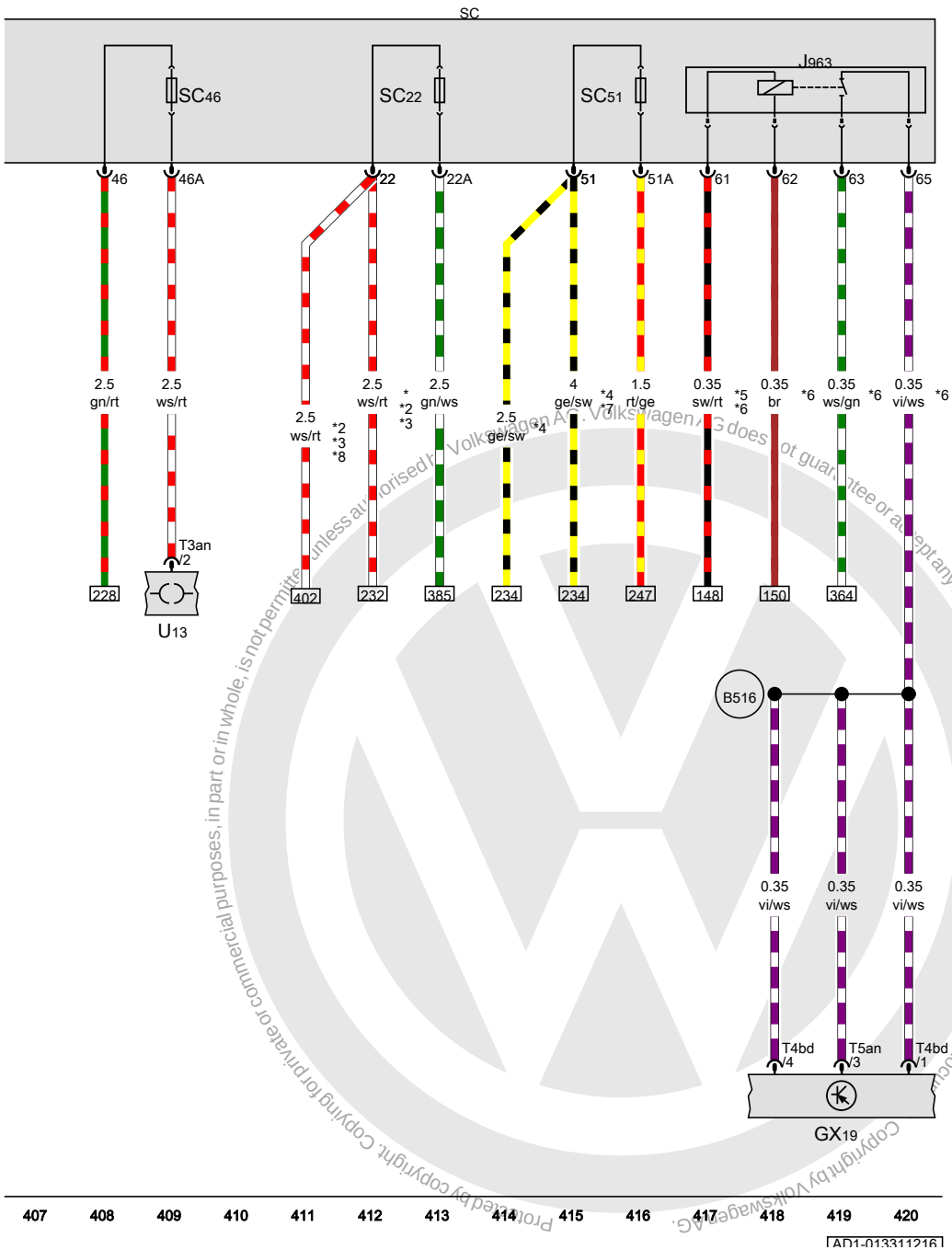


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All-wheel drive control unit, Rear lid control unit, Control unit for reducing agent heater, Fuse holder C

J492	All-wheel drive control unit
J605	Rear lid control unit
J891	Control unit for reducing agent heater
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
SC21	Fuse 21 on fuse holder C
SC50	Fuse 50 on fuse holder C
T5ap	5-pin connector, colourless
T6ak	6-pin connector, black
T6z	6-pin connector, black
T8r	8-pin connector, black
T10l	10-pin connector, black
THRL	Coupling point in luggage compartment, left
A52	Positive connection 2 (30), in dash panel wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
*	Only models with diesel engine
*2	Only models with reducing agent metering system
*3	Only models with no towing bracket
*4	Only models with heated steering wheel
*5	Only models with front-wheel drive
*6	Only models with all-wheel drive
*7	Only models with towing bracket
*8	Only models with preparation for trailer coupling
*9	Only models with petrol engine

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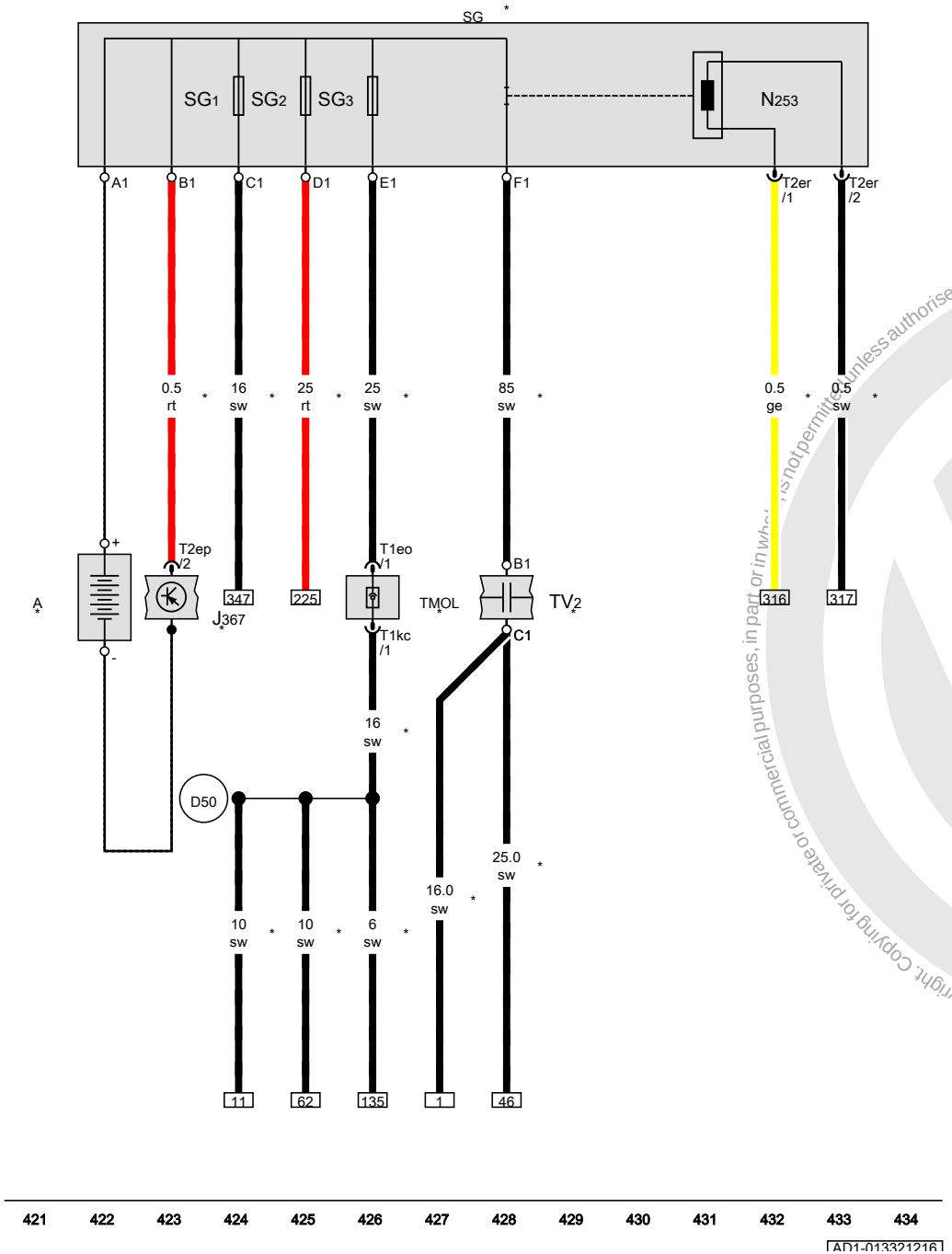


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Delivery unit for reducing agent metering system, Relay for reducing agent metering system, Fuse holder C, DC/AC converter with socket, 12 V - 230 V

GX19	Delivery unit for reducing agent metering system
J963	Relay for reducing agent metering system
SC	Fuse holder C
SC22	Fuse 22 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC51	Fuse 51 on fuse holder C
T3an	3-pin connector, black
T4bd	4-pin connector, black
T5an	5-pin connector, black
U13	DC/AC converter with socket, 12 V - 230 V
B516	Positive connection 5 (87), in interior wiring harness
*	Only models with no heated steering wheel
*2	Only models with towing bracket
*3	Only models with preparation for trailer coupling
*4	Only models with seat heating
*5	Only models with diesel engine
*6	Only models with reducing agent metering system
*7	Only models with seat adjustment
*8	Only models with heated steering wheel

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Battery, Battery monitor control unit, Fuse holder G, Terminal 30 wiring junction

A	Battery, in luggage compartment
J367	Battery monitor control unit, on earth cable battery clamp
N253	Battery isolation igniter
SG	Fuse holder G
SG1	Fuse 1 on fuse holder G
SG2	Fuse 2 on fuse holder G
SG3	Fuse 3 on fuse holder G
T1eo	1-pin connector, black
T1kc	1-pin connector, black
T2ep	2-pin connector, black
T2er	2-pin connector, yellow
TMOL	Coupling point on engine, top left
TV2	Terminal 30 wiring junction
D50	Positive connection (30), in engine compartment wiring harness
*	Only models with battery in luggage compartment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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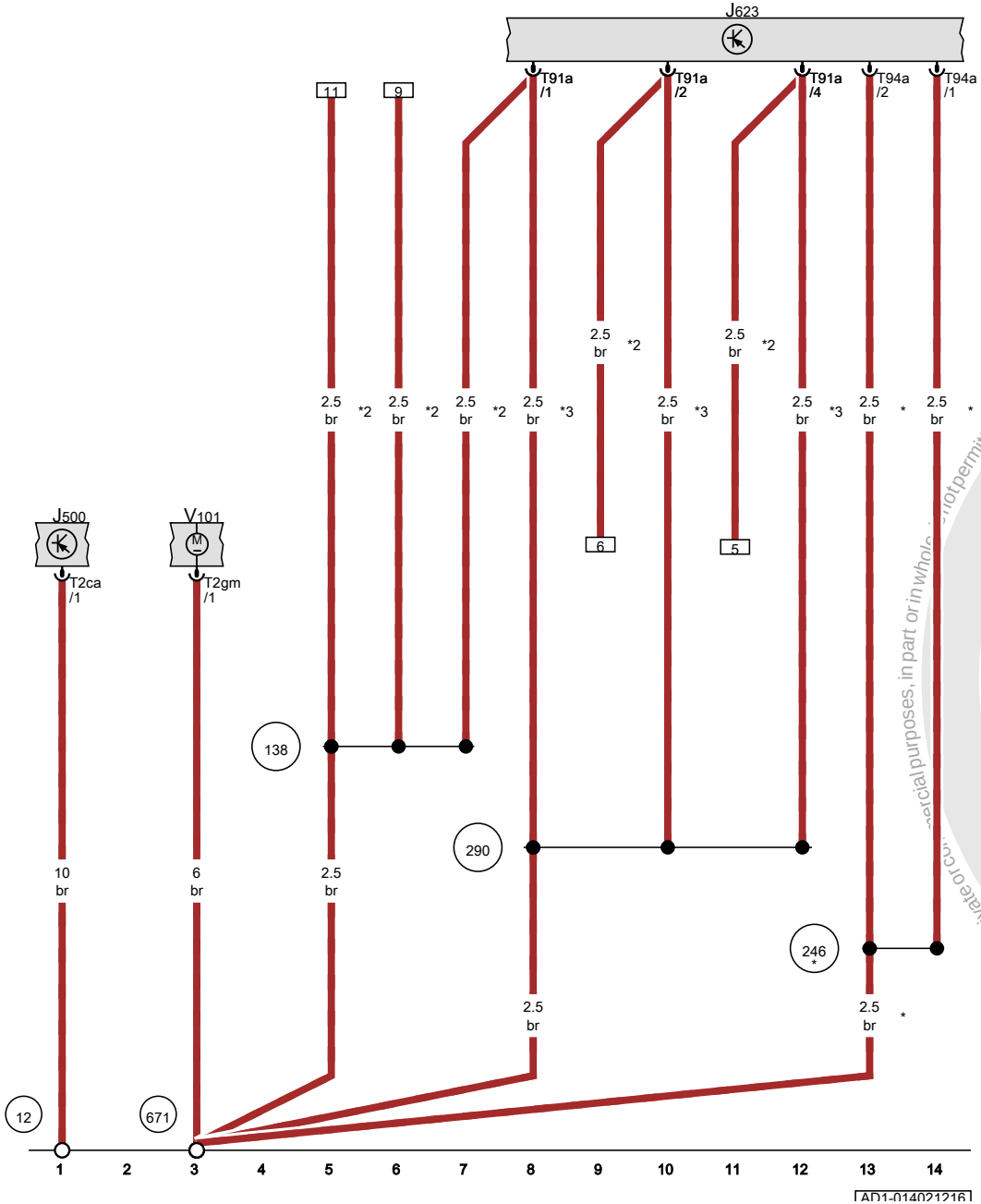
Earthing concept

From January 2016

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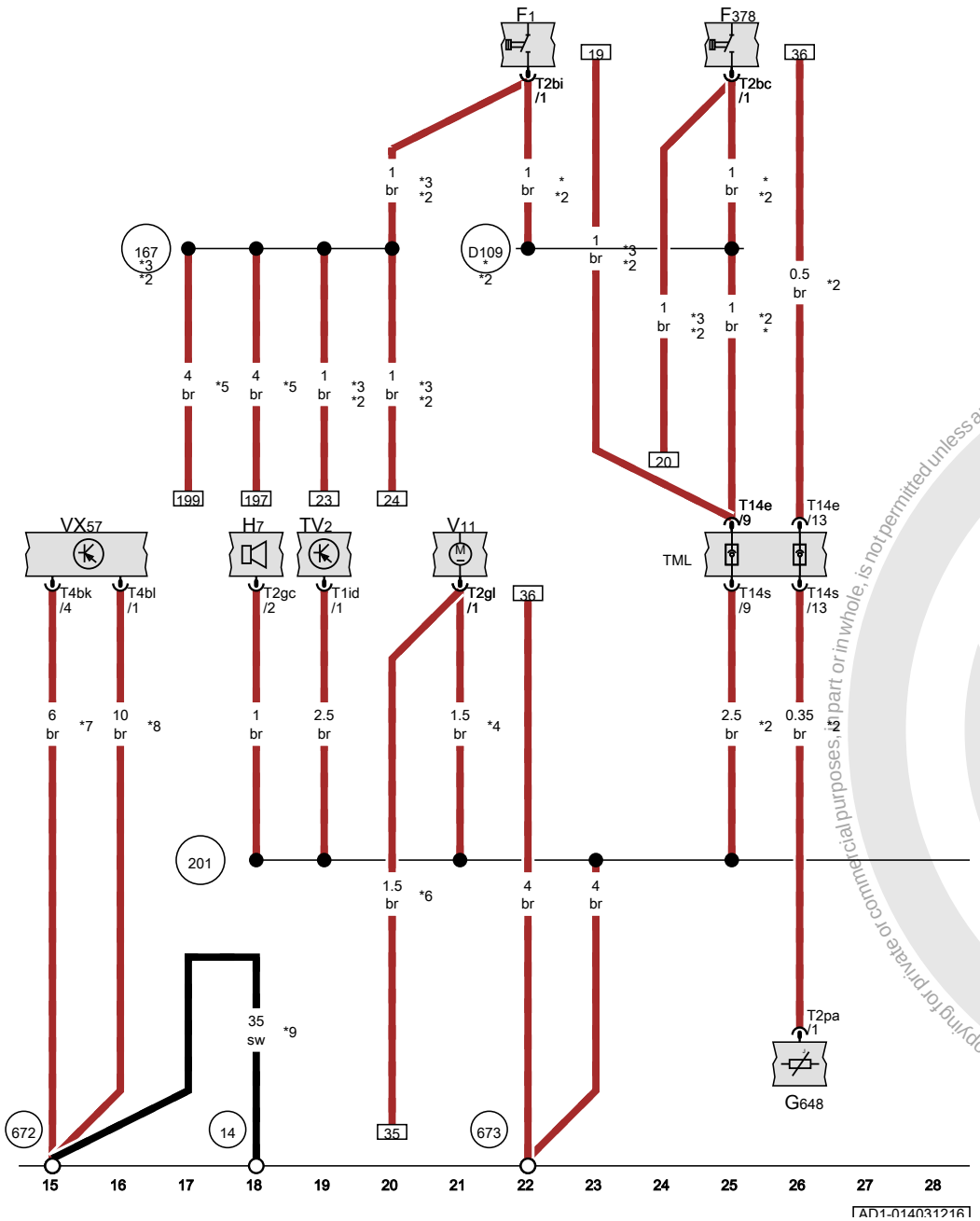
Power steering control unit, Engine control unit, Secondary air pump motor, Earth point, on left in engine compartment, Earth point 1, on front of left longitudinal member

J500	Power steering control unit
J623	Engine control unit
T2ca	2-pin connector, black
T2gm	2-pin connector, black
T91a	91-pin connector, black
T94a	94-pin connector, black
V101	Secondary air pump motor
12	Earth point, on left in engine compartment
138	Earth connection (control unit), in Motronic wiring harness
246	Earth connection (control unit), in engine wiring harness
290	Earth connection 1, in second battery wiring harness
671	Earth point 1, on front of left longitudinal member
*	Only models with 1.4l engine
*2	Only models with petrol engine
*3	Only models with diesel engine



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sw	=	black
ro	=	red
rt	=	red
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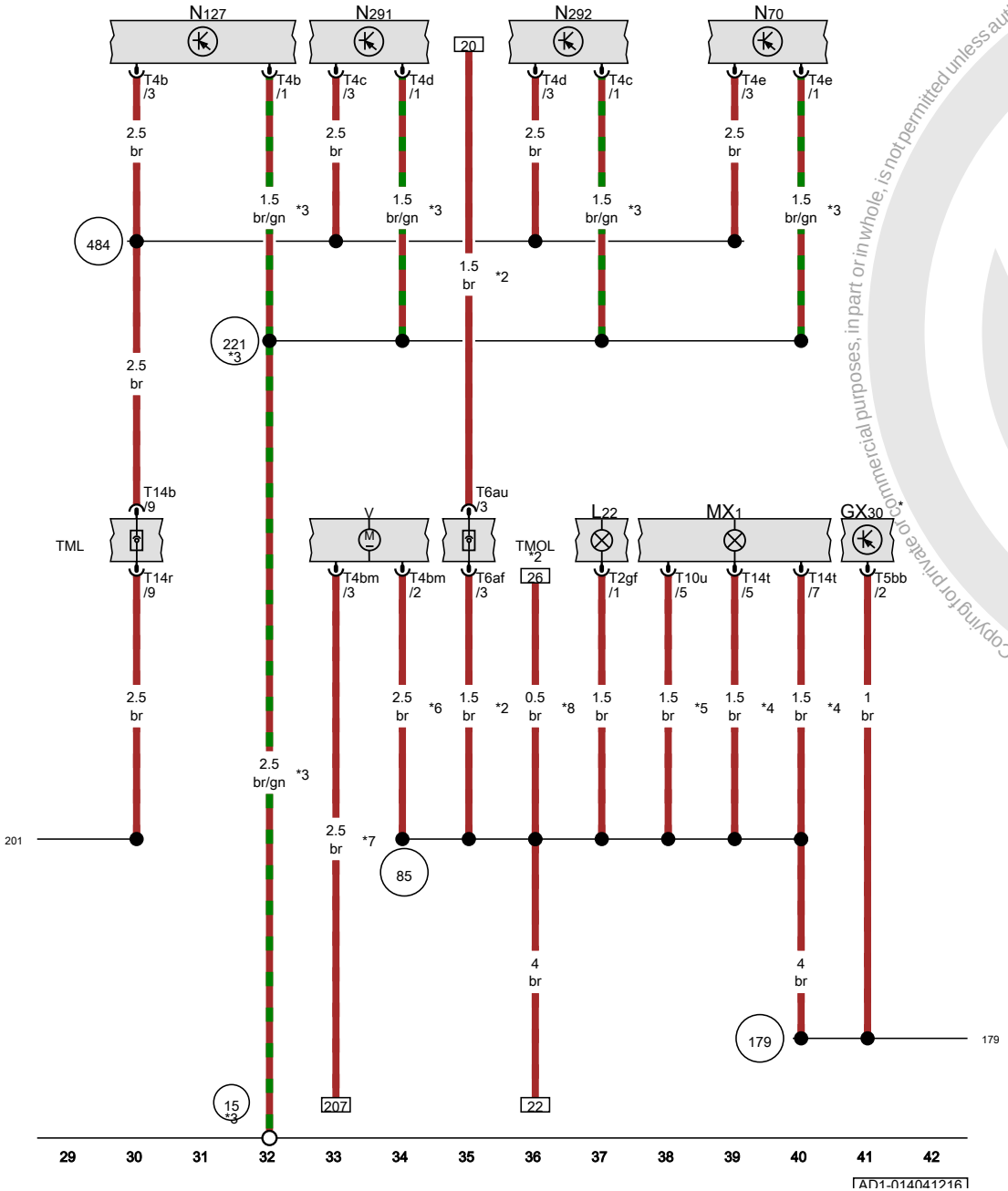
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Oil pressure switch, Oil pressure switch for reduced oil pressure, Exhaust gas temperature sender 4, Radiator fan, Earth point 3, on front of left longitudinal member

F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G648	Exhaust gas temperature sender 4
H7	Bass horn
T1id	1-pin connector, black
T2bc	2-pin connector, black
T2bi	2-pin connector, red
T2gc	2-pin connector, black
T2gl	2-pin connector, black
T2pa	2-pin connector, colourless
T4bk	4-pin connector, black
T4bl	4-pin connector, black
T14e	14-pin connector, grey
T14s	14-pin connector, grey
TML	Coupling point in engine compartment, left
TV2	Terminal 30 wiring junction
V11	Headlight washer system pump
VX57	Radiator fan
14	Earth point, on gearbox
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
672	Earth point 2, on front of left longitudinal member
673	Earth point 3, on front of left longitudinal member
D109	Connection 7 in engine compartment wiring harness
*	Only models with automatic gearbox
*2	Only models with diesel engine
*3	Only models with manual gearbox
*4	Up to May 2016
*5	Only right-hand drive models
*6	From May 2016
*7	Only models with one radiator fan
*8	Only models with two radiator fans
*9	Cross section depends on equipment

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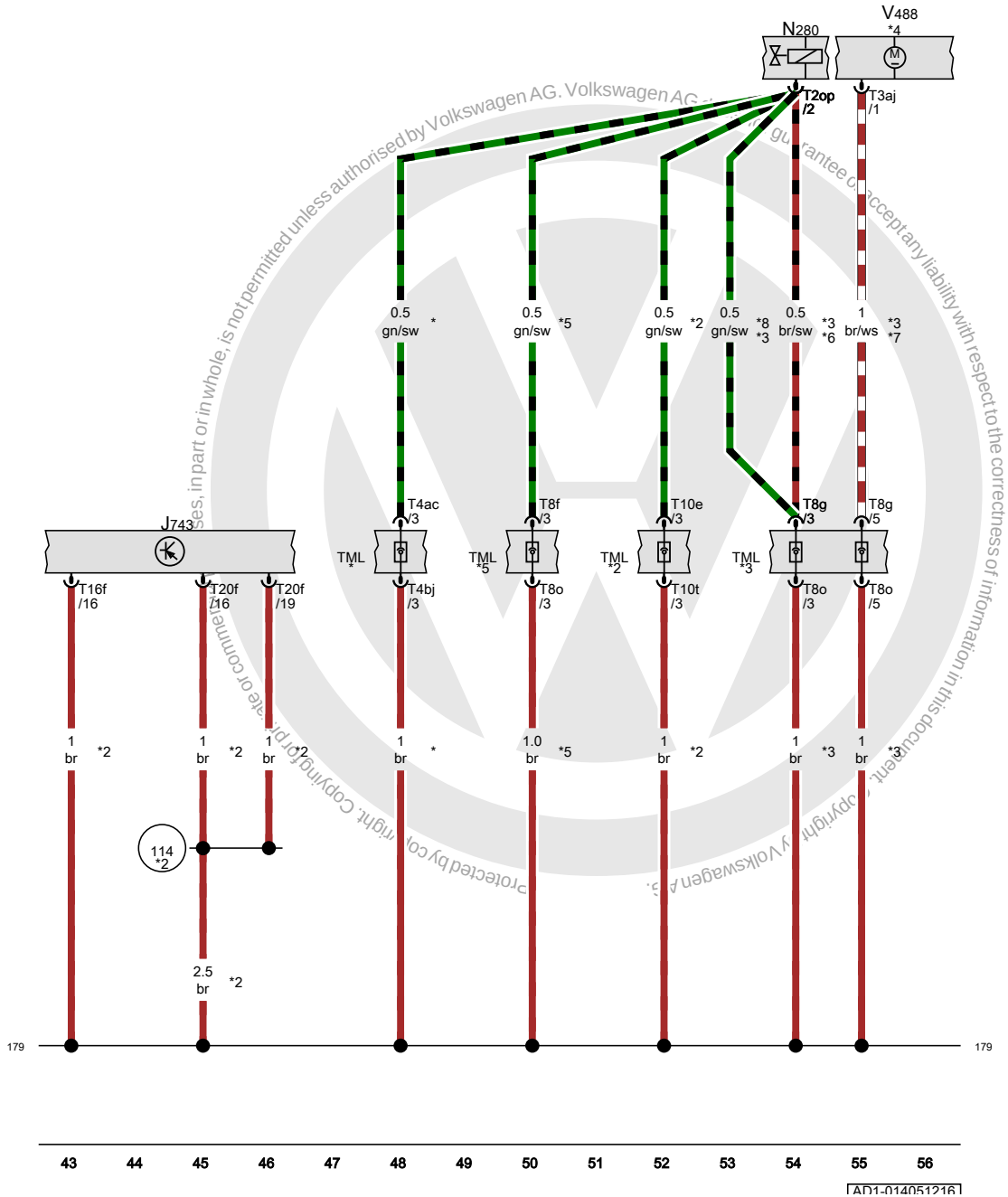
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ro = red
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br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit for NOx sender, Left fog light bulb, Front left headlight, Ignition coil 1 with output stage, Windscreen wiper motor, Earth point, on cylinder head

GX30	Control unit for NOx sender
L22	Left fog light bulb
MX1	Front left headlight
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
T2gf	2-pin connector, black
T4b	4-pin connector, black
T4bm	4-pin connector, black
T4c	4-pin connector, black
T4d	4-pin connector, black
T4e	4-pin connector, black
T5bb	5-pin connector, black
T6af	6-pin connector, black
T6au	6-pin connector, black
T10u	10-pin connector, black
T14b	14-pin connector, grey
T14r	14-pin connector, grey
T14t	14-pin connector, black
TML	Coupling point in engine compartment, left
TMOL	Coupling point on engine, top left
V	Windscreen wiper motor
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
201	Earth connection 5, in engine compartment wiring harness
221	Earth connection (engine earth), in engine wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
*	Pre-wired component
*2	From May 2016
*3	Only models with 1.4l engine
*4	Only models with LED headlights
*5	According to equipment
*6	Only left-hand drive models
*7	Only right-hand drive models
*8	Only models with diesel engine



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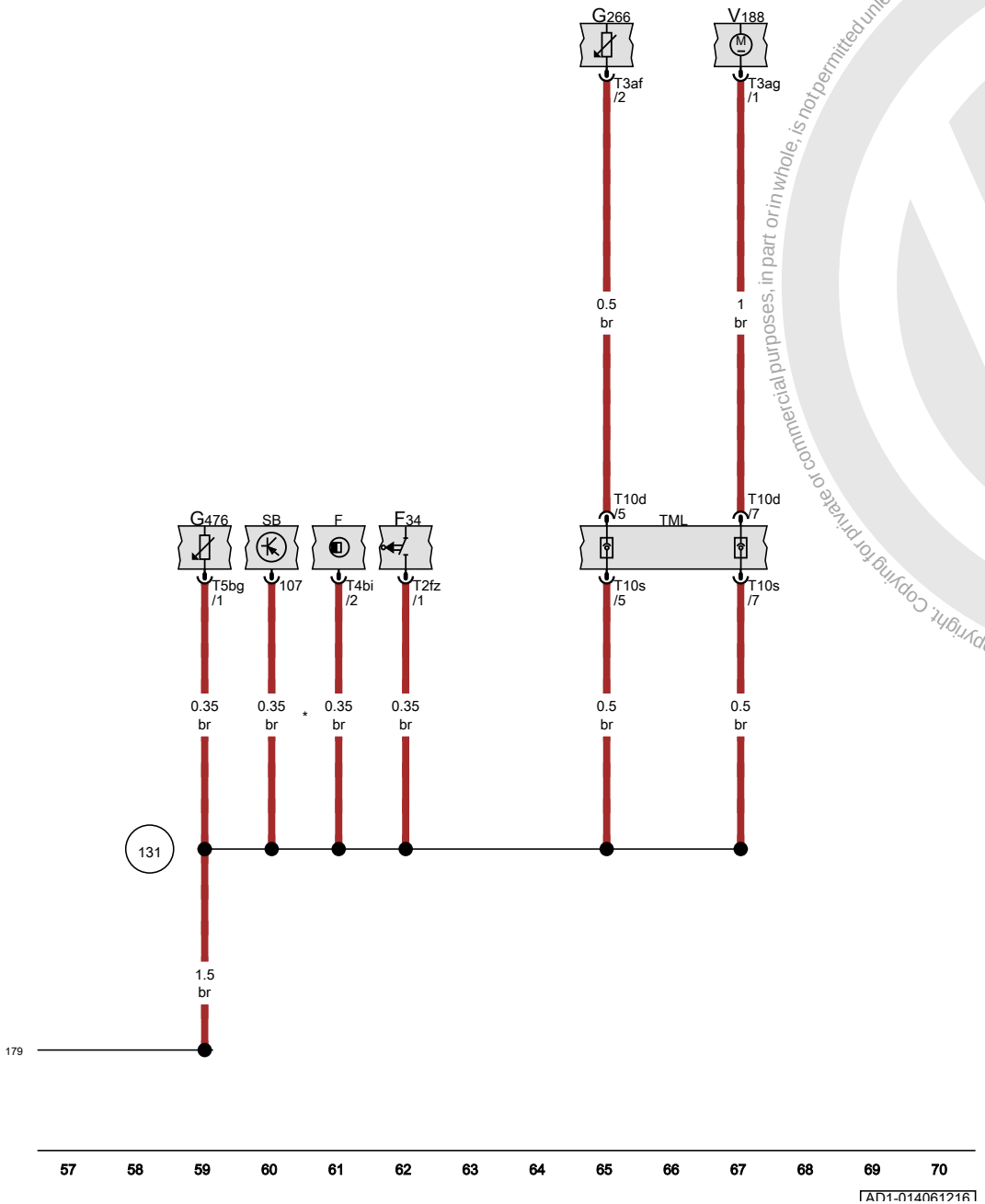
Mechatronic unit for dual clutch gearbox, Air conditioner compressor regulating valve, Auxiliary pump for heating

J743	Mechatronic unit for dual clutch gearbox
N280	Air conditioner compressor regulating valve
T2op	2-pin connector, black
T3aj	3-pin connector, black
T4ac	4-pin connector, black
T4bj	4-pin connector, black
T8f	8-pin connector, black
T8g	8-pin connector, black
T8o	8-pin connector, black
T10e	10-pin connector, black
T10t	10-pin connector, black
T16f	16-pin connector, black
T20f	20-pin connector, black
TML	Coupling point in engine compartment, left
V488	Auxiliary pump for heating
114	Earth connection, in automatic gearbox wiring harness
179	Earth connection, in left headlight wiring harness
*	Only models with 1.4l engine
*2	According to equipment
*3	Only models with diesel engine
*4	see applicable current flow diagram for engine
*5	Only models with petrol engine
*6	From May 2016
*7	Only models with 2.0l engine
*8	Up to May 2016

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Brake light switch, Brake fluid level warning contact, Oil level and oil temperature sender, Clutch position sender, Fuse holder B, Charge air cooling pump

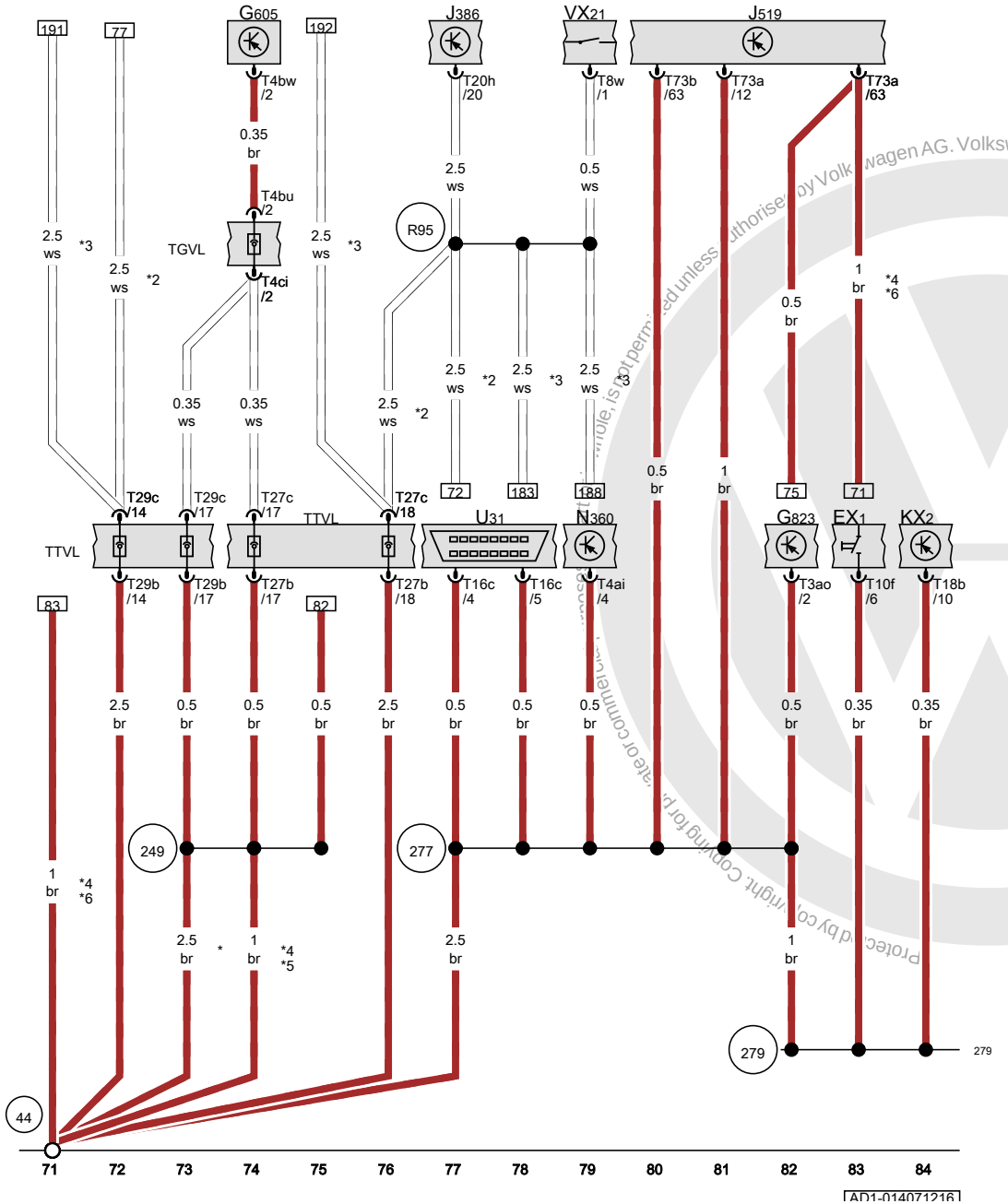
F	Brake light switch
F34	Brake fluid level warning contact
G266	Oil level and oil temperature sender
G476	Clutch position sender
SB	Fuse holder B
T2fz	2-pin connector, black
T3af	3-pin connector, black
T3ag	3-pin connector, black
T4bi	4-pin connector, black
T5bg	5-pin connector, black
T10d	10-pin connector, black
T10s	10-pin connector, black
TML	Coupling point in engine compartment, left
V188	Charge air cooling pump
(131)	Earth connection 2, in engine compartment wiring harness
(179)	Earth connection, in left headlight wiring harness
*	Only models with diesel engine



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ro	=	red
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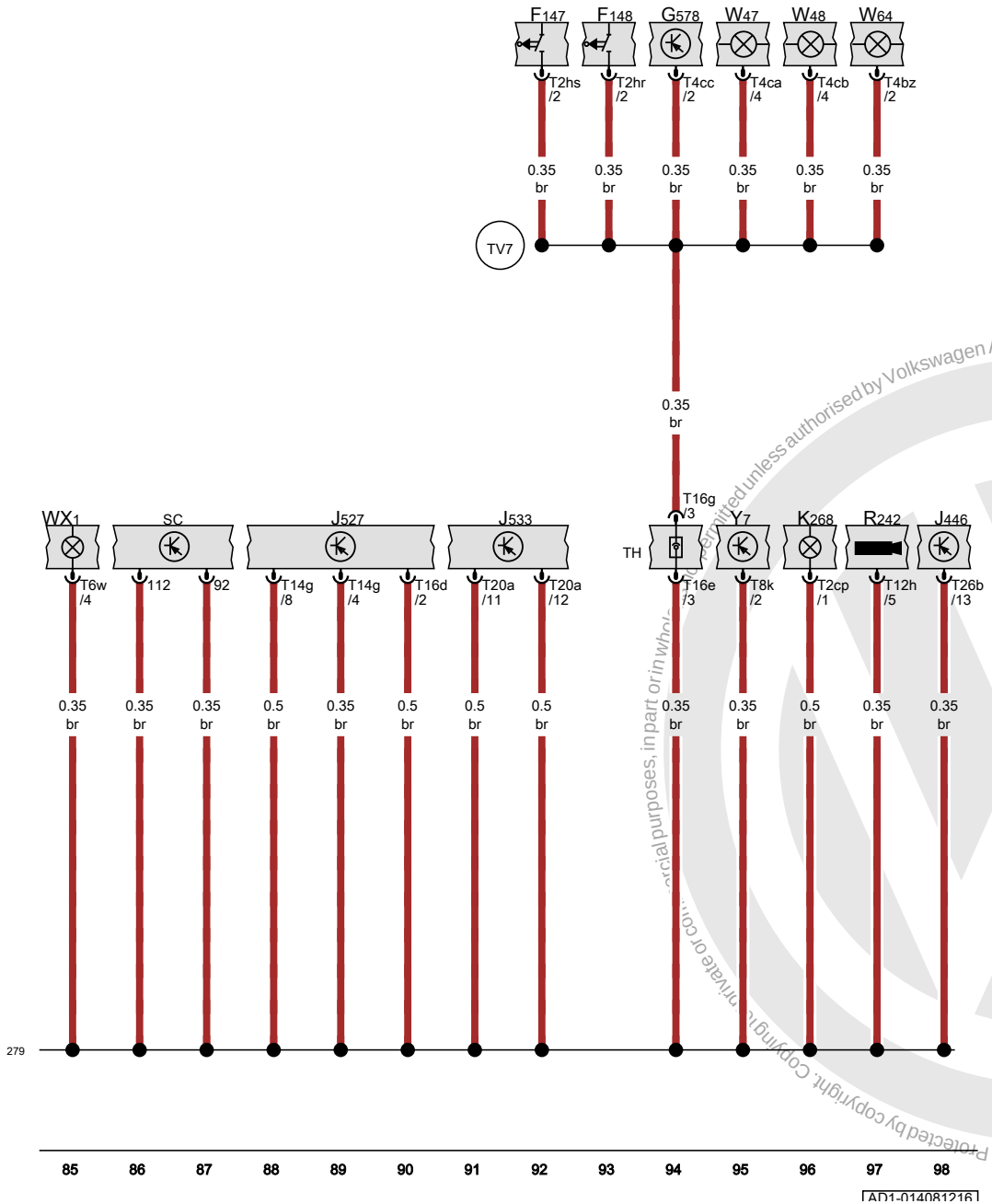
Rotary light switch, Contact sensor for front left exterior door handle, Driver door control unit, Onboard supply control unit, Diagnostic connection, Earth point, lower part of left A-pillar



ws	=	white
sw	=	black
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EX1	Rotary light switch
G605	Contact sensor for front left exterior door handle
G823	Air humidity, rain and light sensor
J386	Driver door control unit
J519	Onboard supply control unit
KX2	Dash panel insert
N360	Steering column lock control element
T3ao	3-pin connector, black
T4ai	4-pin connector, black
T4bu	4-pin connector, black
T4bw	4-pin connector, black
T4ci	4-pin connector, black
T8w	8-pin connector, black
T10f	10-pin connector, red
T16c	16-pin connector, black
T18b	18-pin connector, black
T20h	20-pin connector, black
T27b	27-pin connector, black
T27c	27-pin connector, black
T29b	29-pin connector, white
T29c	29-pin connector, white
T73a	73-pin connector, black
T73b	73-pin connector, black
TGVL	Coupling point on front left exterior door handle
TTVL	Coupling point for front left door
U31	Diagnostic connection
VX21	Driver door lock unit
44	Earth point, lower part of left A-pillar
249	Earth connection 2, in interior wiring harness
277	Earth connection 3, in interior wiring harness
279	Earth connection 5, in interior wiring harness
R95	Connection 2 in driver side door wiring harness
*	Up to November 2016
*2	Only left-hand drive models
*3	Only right-hand drive models
*4	From November 2016
*5	Only models with entry and start authorisation
*6	Only models with no entry and start authorisation

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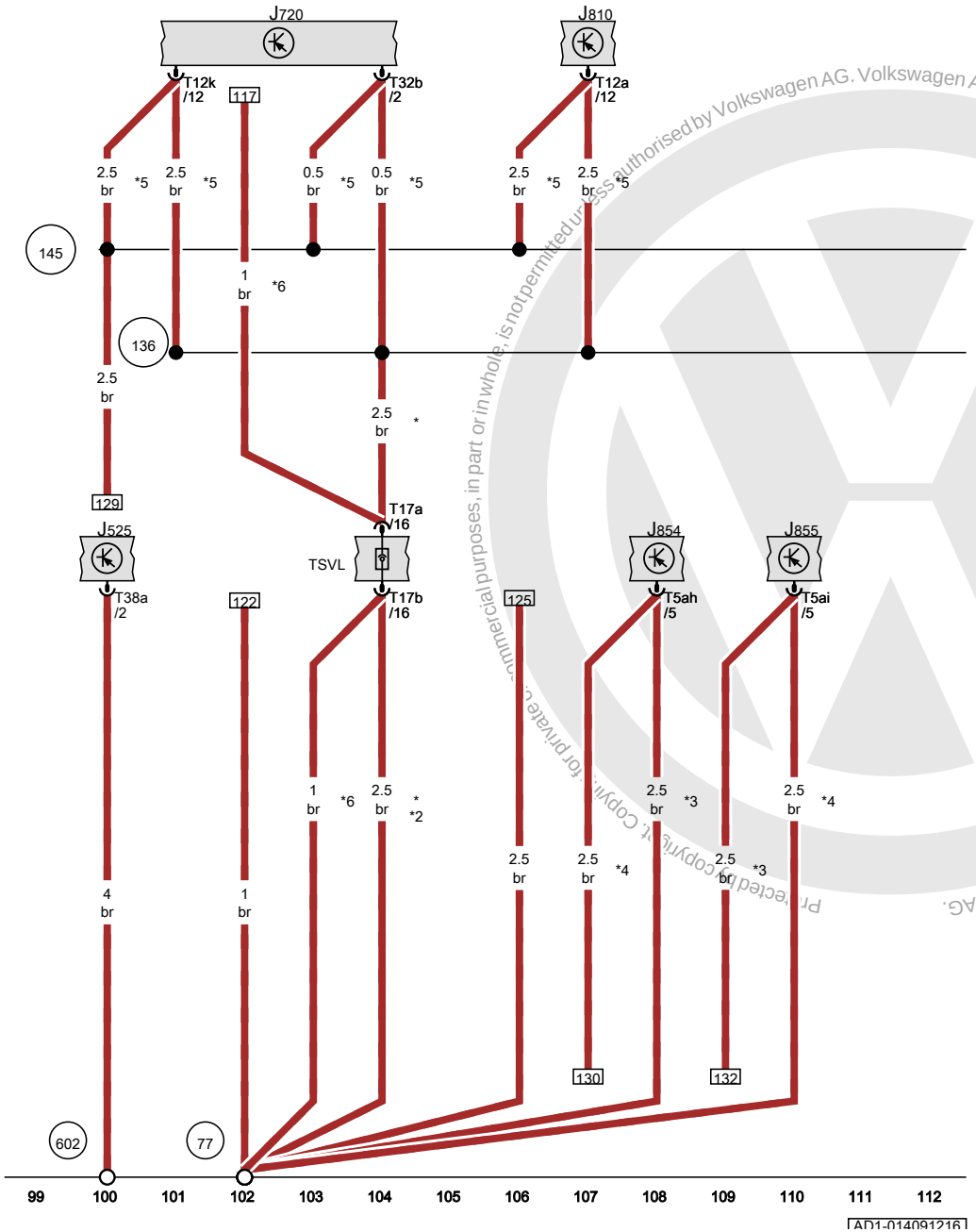


Steering column electronics control unit, Data bus diagnostic interface, Front camera for driver assist systems, Fuse holder C, Front interior light

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
G578	Anti-theft alarm sensor
J446	Parking aid control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
K268	Front left footwell light
R242	Front camera for driver assist systems
SC	Fuse holder C
T2cp	2-pin connector, black
T2hr	2-pin connector, black
T2hs	2-pin connector, black
T4bz	4-pin connector, black
T4ca	4-pin connector, brown
T4cb	4-pin connector, black
T4cc	4-pin connector, blue
T6w	6-pin connector, blue
T8k	8-pin connector, black
T12h	12-pin connector, black
T14g	14-pin connector, black
T16d	16-pin connector, black
T16e	16-pin connector, brown
T16g	16-pin connector, brown
T20a	20-pin connector, red
T26b	26-pin connector, black
TH	Coupling point for roof
WX1	Front interior light
W47	Rear left interior light
W48	Rear right interior light
W64	Interior light
Y7	Automatic anti-dazzle interior mirror
279	Earth connection 5, in interior wiring harness
TV7	Terminal 31 wiring junction

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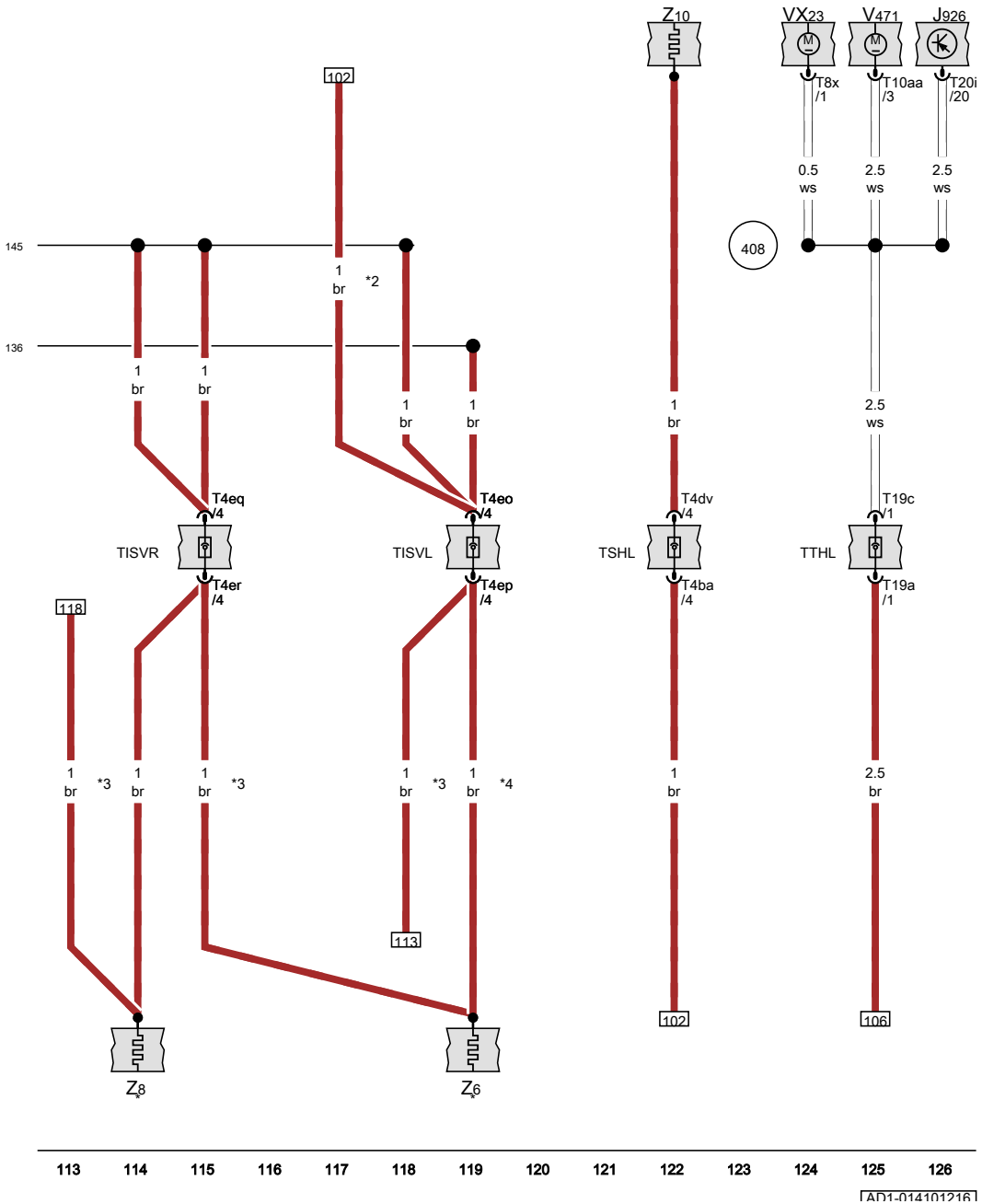


Front passenger seat position control unit, Driver seat adjustment control unit, Control unit for front left belt tensioner, Earth point, lower part of left B-pillar, Earth point, in front left footwell

J525	Digital sound package control unit
J720	Front passenger seat position control unit
J810	Driver seat adjustment control unit
J854	Control unit for front left belt tensioner
J855	Control unit for front right belt tensioner
T5ah	5-pin connector, colourless
T5ai	5-pin connector, colourless
T12a	12-pin connector, black
T12k	12-pin connector, black
T17a	17-pin connector, red
T17b	17-pin connector, red
T32b	32-pin connector, grey
T38a	38-pin connector, black
TSVL	Coupling point for front left seat
77	Earth point, lower part of left B-pillar
136	Earth connection 2, in seat heating wiring harness
145	Earth connection 3, in seat heating wiring harness
602	Earth point, in front left footwell
*	Only models with electric seat adjustment and memory function
*2	Only models with seat adjustment with massage function
*3	Only left-hand drive models
*4	Only right-hand drive models
*5	According to equipment
*6	Only models with no adjustable seats

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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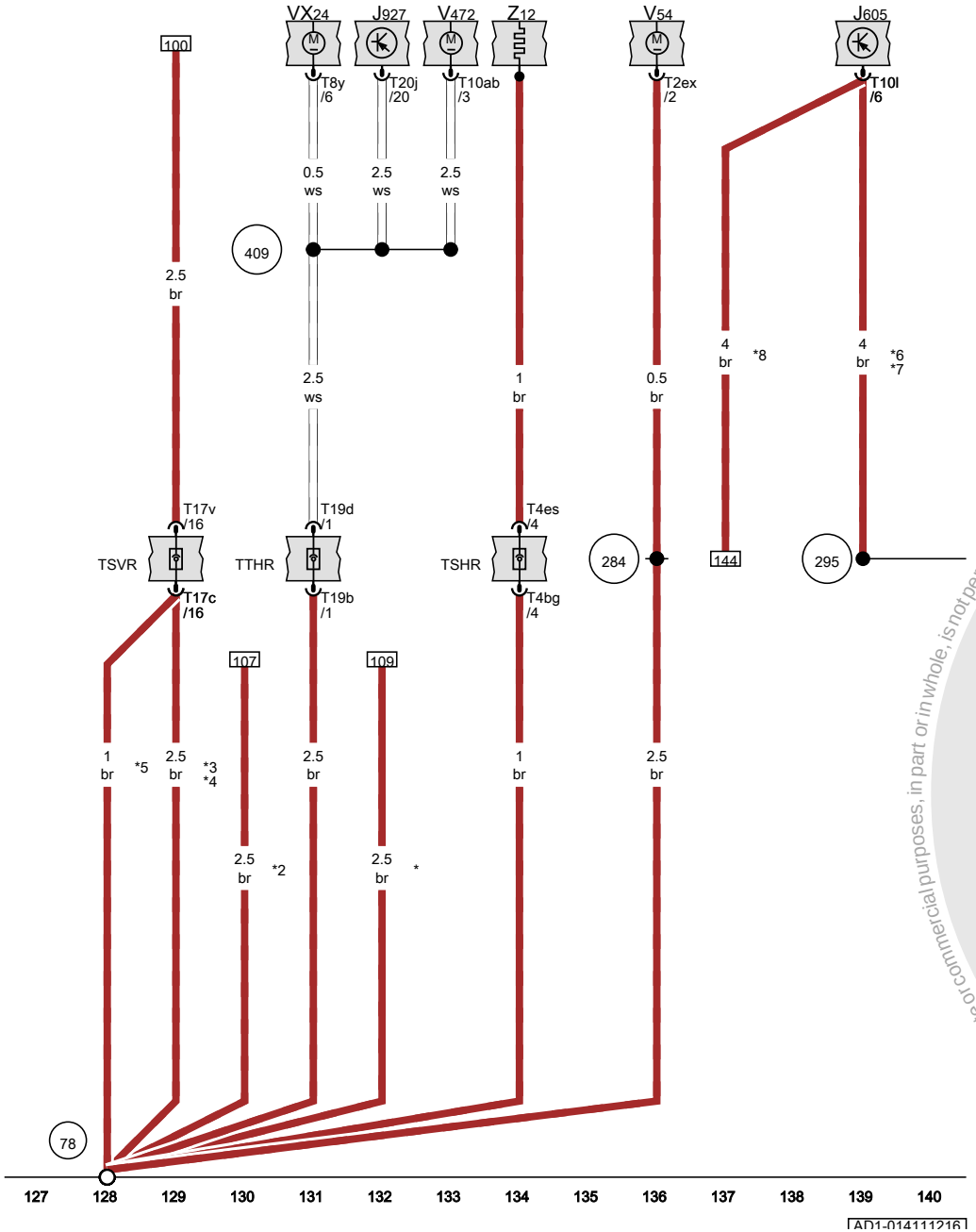


Rear driver side door control unit, Rear left door lock unit, Rear driver side window regulator motor, Heated seat cushion for front passenger seat, Heated bench seat cushion for rear left seat

J926	Rear driver side door control unit
T4ba	4-pin connector, black
T4dv	4-pin connector, black
T4eo	4-pin connector, black
T4ep	4-pin connector, black
T4eq	4-pin connector, black
T4er	4-pin connector, black
T8x	8-pin connector, black
T10aa	10-pin connector, black
T19a	19-pin connector, black
T19c	19-pin connector, black
T20i	20-pin connector, black
TISVL	Coupling point in front left seat
TISVR	Coupling point in front right seat
TSHL	Coupling point for rear left seat
TTHL	Coupling point for rear left door
VX23	Rear left door lock unit
V471	Rear driver side window regulator motor
Z6	Heated seat cushion for driver seat
Z8	Heated seat cushion for front passenger seat
Z10	Heated bench seat cushion for rear left seat
136	Earth connection 2, in seat heating wiring harness
145	Earth connection 3, in seat heating wiring harness
408	Earth connection 3, in rear left door wiring harness
*	see applicable current flow diagram for seat heating
*2	Only models with no adjustable seats
*3	Only right-hand drive models
*4	Only left-hand drive models

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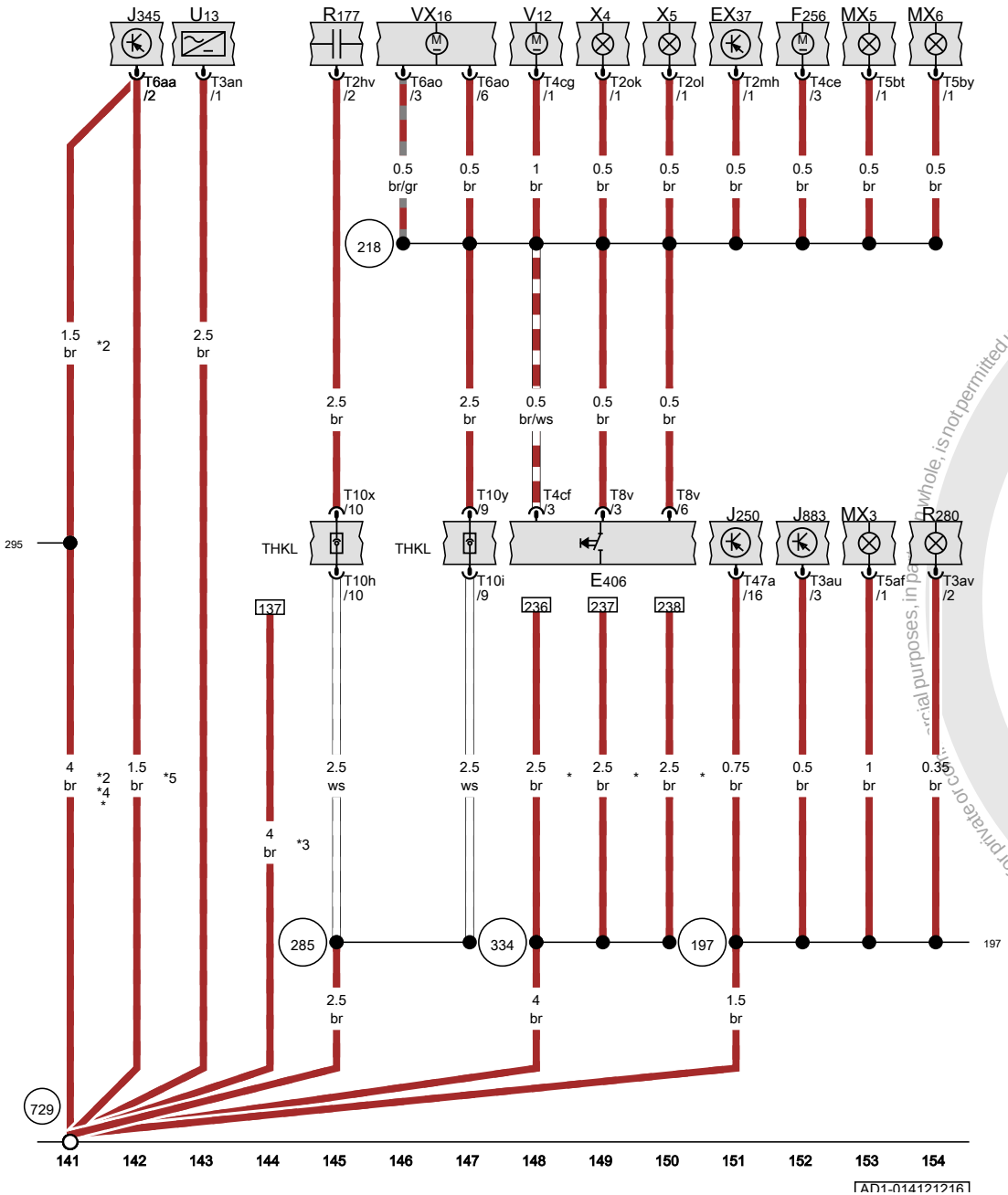


Rear lid control unit, Rear passenger side door control unit, Rear right door lock unit, Metering pump, Rear passenger side window regulator motor, Heated bench seat cushion for rear right seat, Earth point, lower part of right B-pillar

J605	Rear lid control unit
J927	Rear passenger side door control unit
T2ex	2-pin connector, black
T4bg	4-pin connector, black
T4es	4-pin connector, black
T8y	8-pin connector, black
T10ab	10-pin connector, black
T10l	10-pin connector, black
T17c	17-pin connector, red
T17v	17-pin connector, red
T19b	19-pin connector, black
T19d	19-pin connector, black
T20j	20-pin connector, black
TSHR	Coupling point for rear right seat
TSVR	Coupling point for front right seat
TTHR	Coupling point for rear right door
VX24	Rear right door lock unit
V54	Metering pump
V472	Rear passenger side window regulator motor
Z12	Heated bench seat cushion for rear right seat
78	Earth point, lower part of right B-pillar
284	Earth connection 6, in interior wiring harness
295	Earth connection 10, in interior wiring harness
409	Earth connection 3, in rear right door wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	Only models with electric seat adjustment and memory function
*4	Only models with seat adjustment with massage function
*5	Only models with no adjustable seats
*6	Only models with towing bracket
*7	Only models with preparation for trailer coupling
*8	Only models with no towing bracket

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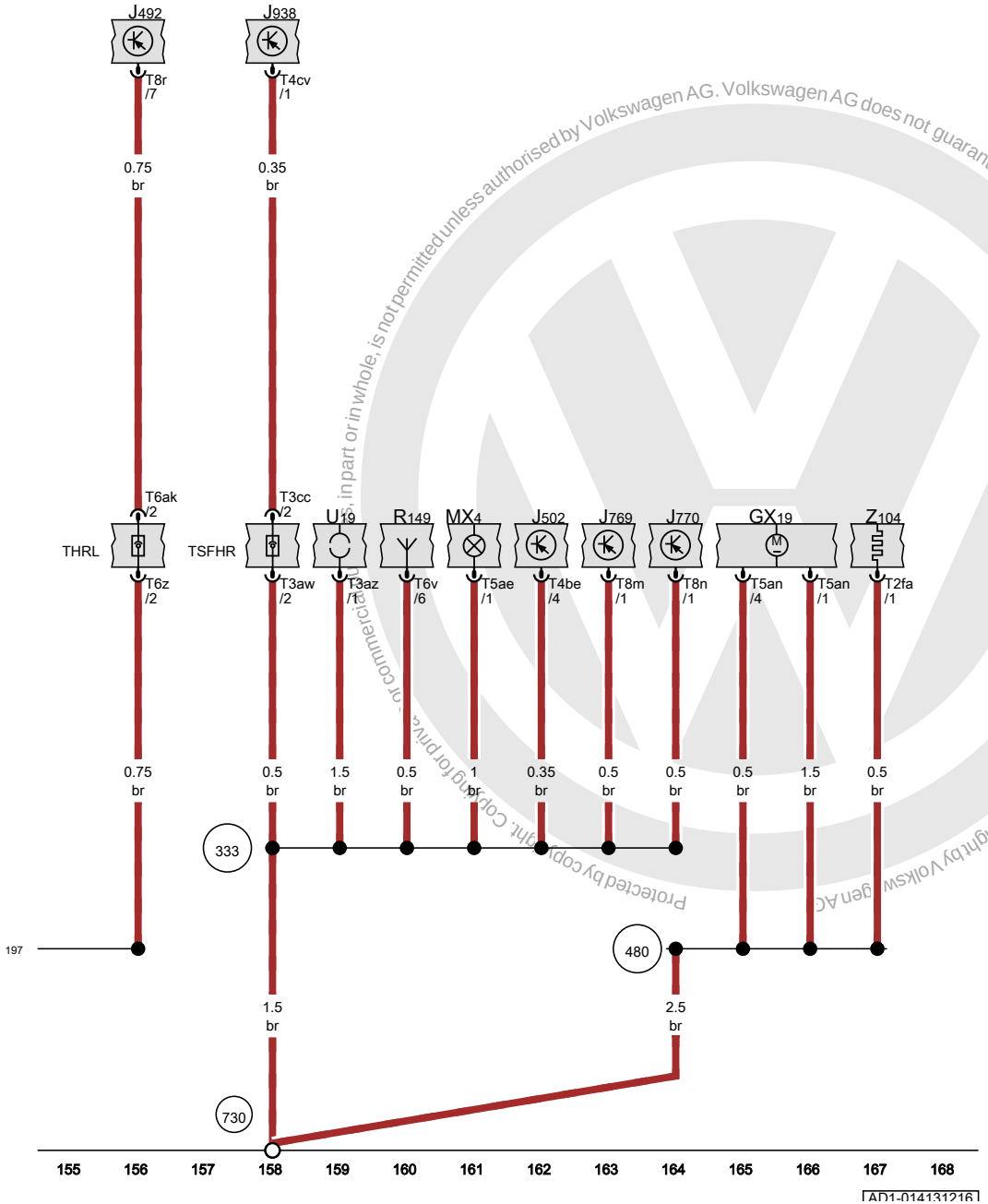


Button to close rear lid in luggage compartment, Left tail light, Left tail light 2, Amplitude modulation (AM) frequency filter, DC/AC converter with socket, 12 V - 230 V, Power latching for rear lid

EX37	Rear lid handle
E406	Button to close rear lid in luggage compartment
F256	Rear lid lock unit
J250	Electronically controlled damping control unit
J345	Trailer detector control unit
J883	Exhaust flap control unit
MX3	Left tail light
MX5	Left tail light 2
MX6	Right tail light 2
R177	Amplitude modulation (AM) frequency filter
R280	Electric torch
T2hv	2-pin connector, black
T2mh	2-pin connector, black
T2ok	2-pin connector, black
T2ol	2-pin connector, black
T3an	3-pin connector, black
T3au	3-pin connector, black
T3av	3-pin connector, black
T4ce	4-pin connector, black
T4cf	4-pin connector, black
T4cg	4-pin connector, black
T5af	5-pin connector, black
T5bt	5-pin connector, blue
T5by	5-pin connector, green
T6aa	6-pin connector, black
T6ao	6-pin connector, black
T8v	8-pin connector, black
T10h	10-pin connector, black
T10i	10-pin connector, brown
T10x	10-pin connector, black
T10y	10-pin connector, brown
T47a	47-pin connector, black
THKL	Coupling point on rear lid, left
U13	DC/AC converter with socket, 12 V - 230 V
V12	Rear window wiper motor
VX16	Power latching for rear lid
X4	Left number plate light
X5	Right number plate light
197	Earth connection 4, in rear wiring harness
218	Earth connection 1, in rear lid wiring harness
285	Earth connection 7, in interior wiring harness
295	Earth connection 10, in interior wiring harness
334	Earth connection 6, in rear wiring harness

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br = brown

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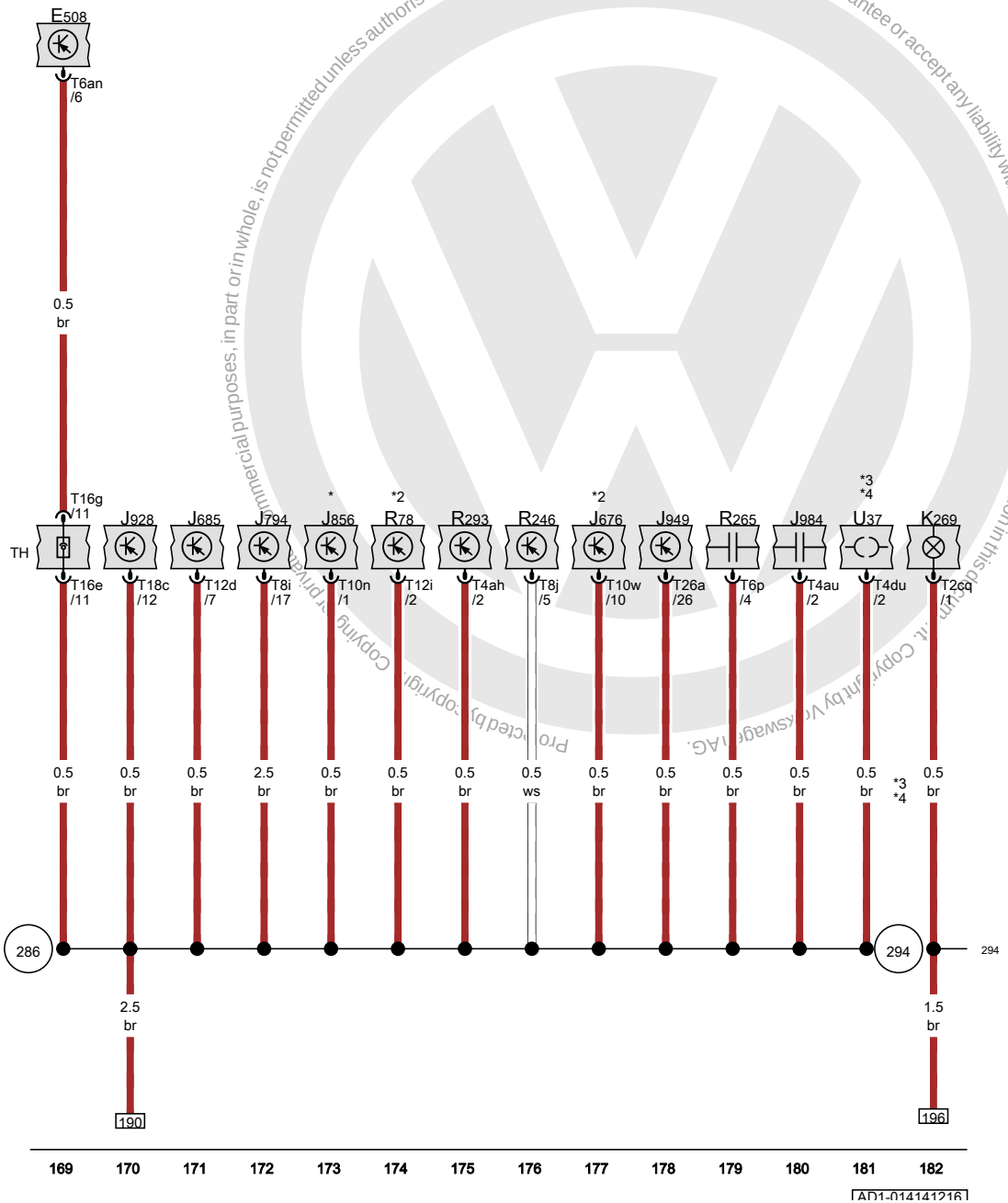
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Delivery unit for reducing agent metering system, All-wheel drive control unit, Rear lid power opening control unit, Right tail light, Heater for reducing agent line (heater circuit 2), Earth point 1, on right rear wheel housing

GX19	Delivery unit for reducing agent metering system
J492	All-wheel drive control unit
J502	Tyre Pressure Monitoring System control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
J938	Rear lid power opening control unit
MX4	Right tail light
R149	Remote control receiver for auxiliary coolant heater
T2fa	2-pin connector, black
T3aw	3-pin connector, black
T3az	3-pin connector, colourless
T3cc	3-pin connector, black
T4be	4-pin connector, grey
T4cv	4-pin connector, black
T5ae	5-pin connector, black
T5an	5-pin connector, black
T6ak	6-pin connector, black
T6v	6-pin connector, blue
T6z	6-pin connector, black
T8m	8-pin connector, black
T8n	8-pin connector, black
T8r	8-pin connector, black
THRL	Coupling point in luggage compartment, left
TSFHR	Coupling point on rear right bumper
U19	12 V socket 3
Z104	Heater for reducing agent line (heater circuit 2)
197	Earth connection 4, in rear wiring harness
333	Earth connection 5, in rear wiring harness
480	Earth connection, in fuel tank wiring harness
730	Earth point 1, on right rear wheel housing

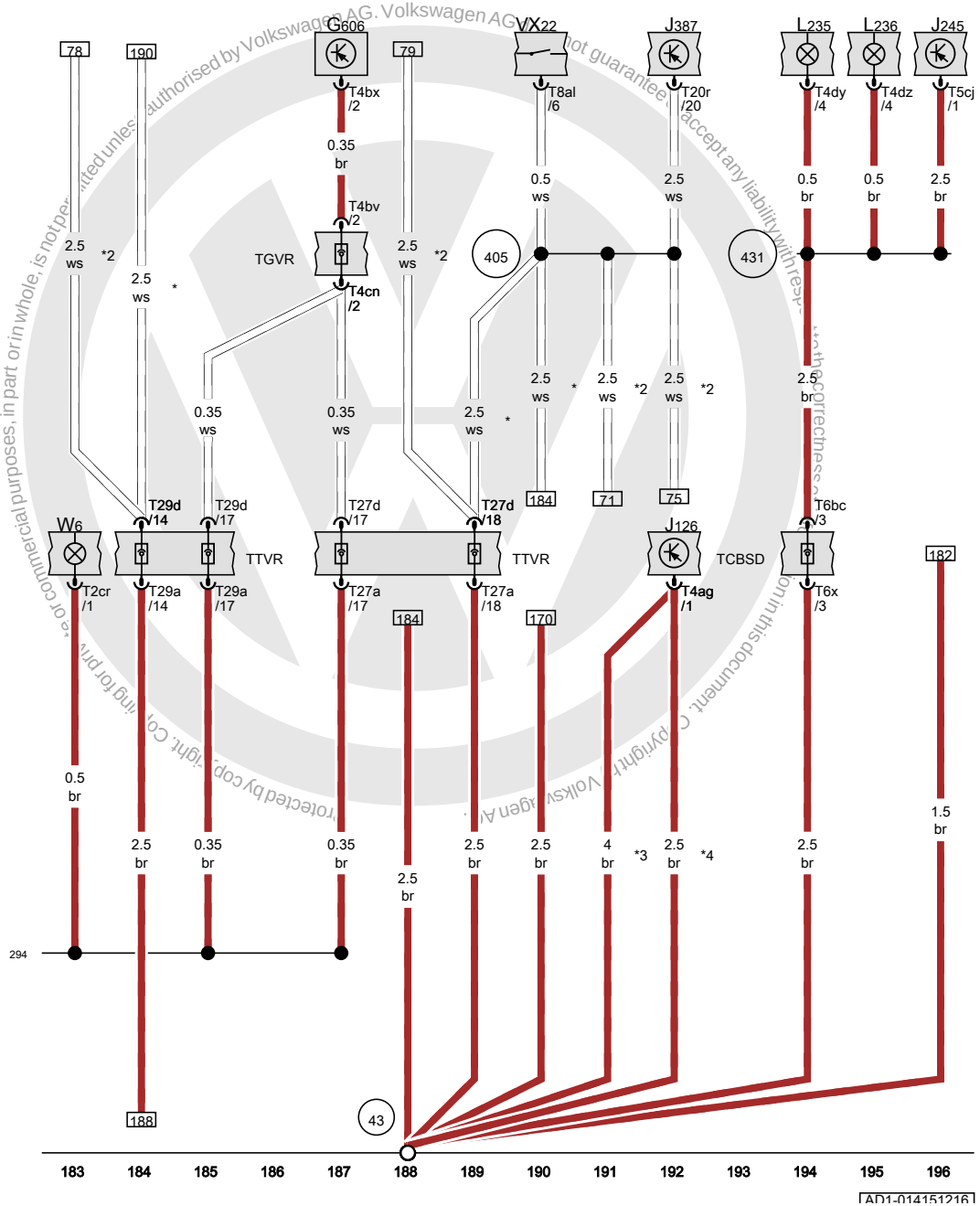
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Control unit 1 for information electronics, Control unit for navigation system, Front right footwell light, Rear overhead view camera, USB charging socket 1

E508	Operating unit for preparation for mobile telephone
J676	Chip card reader control unit
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
J856	Control unit for navigation system
J928	Control unit for overhead view camera
J949	Emergency call module control unit and communication unit
J984	Two-way signal amplifier for mobile telephone/data services
K269	Front right footwell light
R78	TV tuner
R246	Rear overhead view camera
R265	Storage compartment with interface for mobile telephone
R293	USB hub
T2cq	2-pin connector, black
T4ah	4-pin connector, red
T4au	4-pin connector, black
T4du	4-pin connector, red
T6an	6-pin connector, brown
T6p	6-pin connector, black
T8i	8-pin connector, black
T8j	8-pin connector, black
T10n	10-pin connector, black
T10w	10-pin connector, black
T12d	12-pin connector, black
T12i	12-pin connector, black
T16e	16-pin connector, brown
T16g	16-pin connector, brown
T18c	18-pin connector, black
T26a	26-pin connector, black
TH	Coupling point for roof
U37	USB charging socket 1
286	Earth connection 8, in interior wiring harness
294	Earth connection 9, in interior wiring harness
*	Only models with equipment for Korea
*2	Only models with equipment for Japan
*3	From November 2016
*4	According to equipment



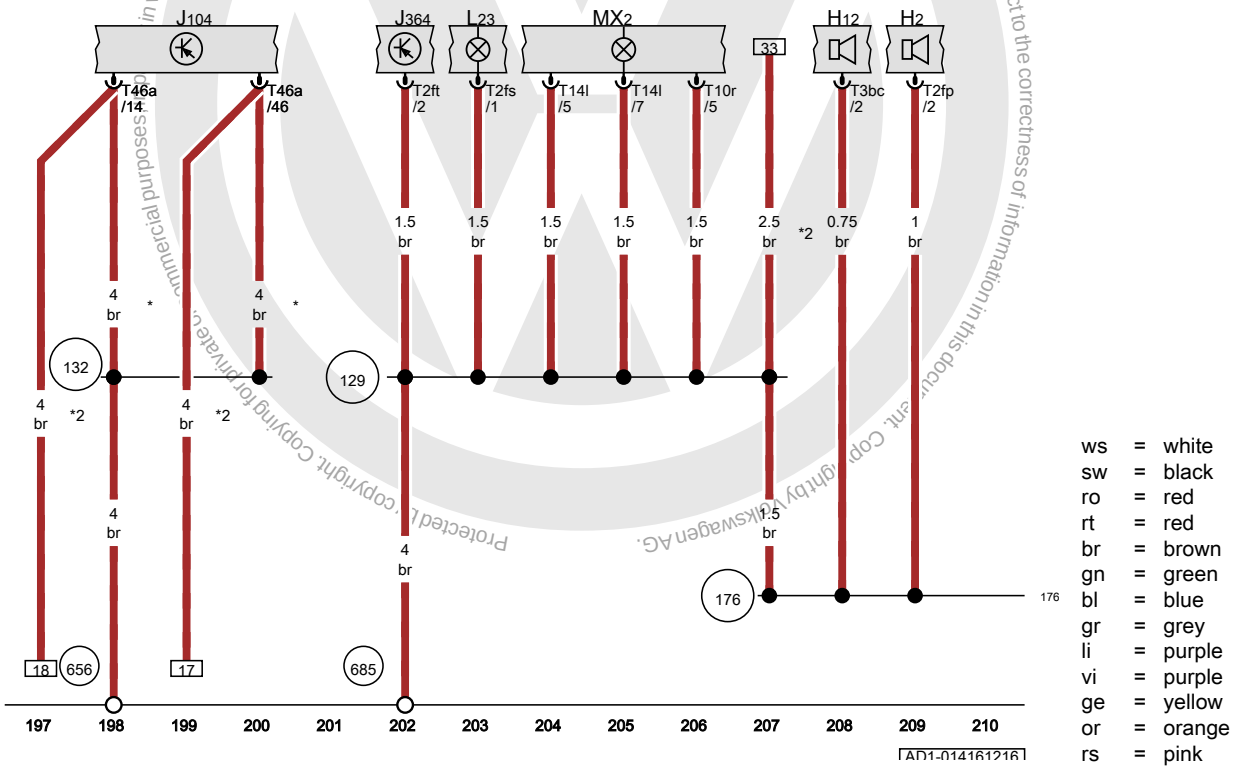
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Contact sensor for front right exterior door handle, Fresh air blower control unit, Sliding sunroof adjustment control unit, Light 1 for roof contour lighting, Light 2 for roof contour lighting, Glove compartment light, Earth point, lower part of right A-pillar

G606	Contact sensor for front right exterior door handle
J126	Fresh air blower control unit
J245	Sliding sunroof adjustment control unit
J387	Front passenger door control unit
L235	Light 1 for roof contour lighting
L236	Light 2 for roof contour lighting
T2cr	2-pin connector, black
T4ag	4-pin connector, black
T4bv	4-pin connector, black
T4bx	4-pin connector, black
T4cn	4-pin connector, black
T4dy	4-pin connector, black
T4dz	4-pin connector, black
T5cj	5-pin connector, black
T6bc	6-pin connector, black
T6x	6-pin connector, black
T8al	8-pin connector, black
T20r	20-pin connector, black
T27a	27-pin connector, black
T27d	27-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
TCBSD	Coupling point for CAN bus sunroof
TGVR	Coupling point on front right exterior door handle
TTVR	Coupling point for front right door
VX22	Front passenger door lock unit
W6	Glove compartment light
43	Earth point, lower part of right A-pillar
294	Earth connection 9, in interior wiring harness
405	Earth connection 4, in front passenger side door wiring harness
431	Earth connection 2, in roof wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models
*3	From November 2016
*4	Up to November 2016

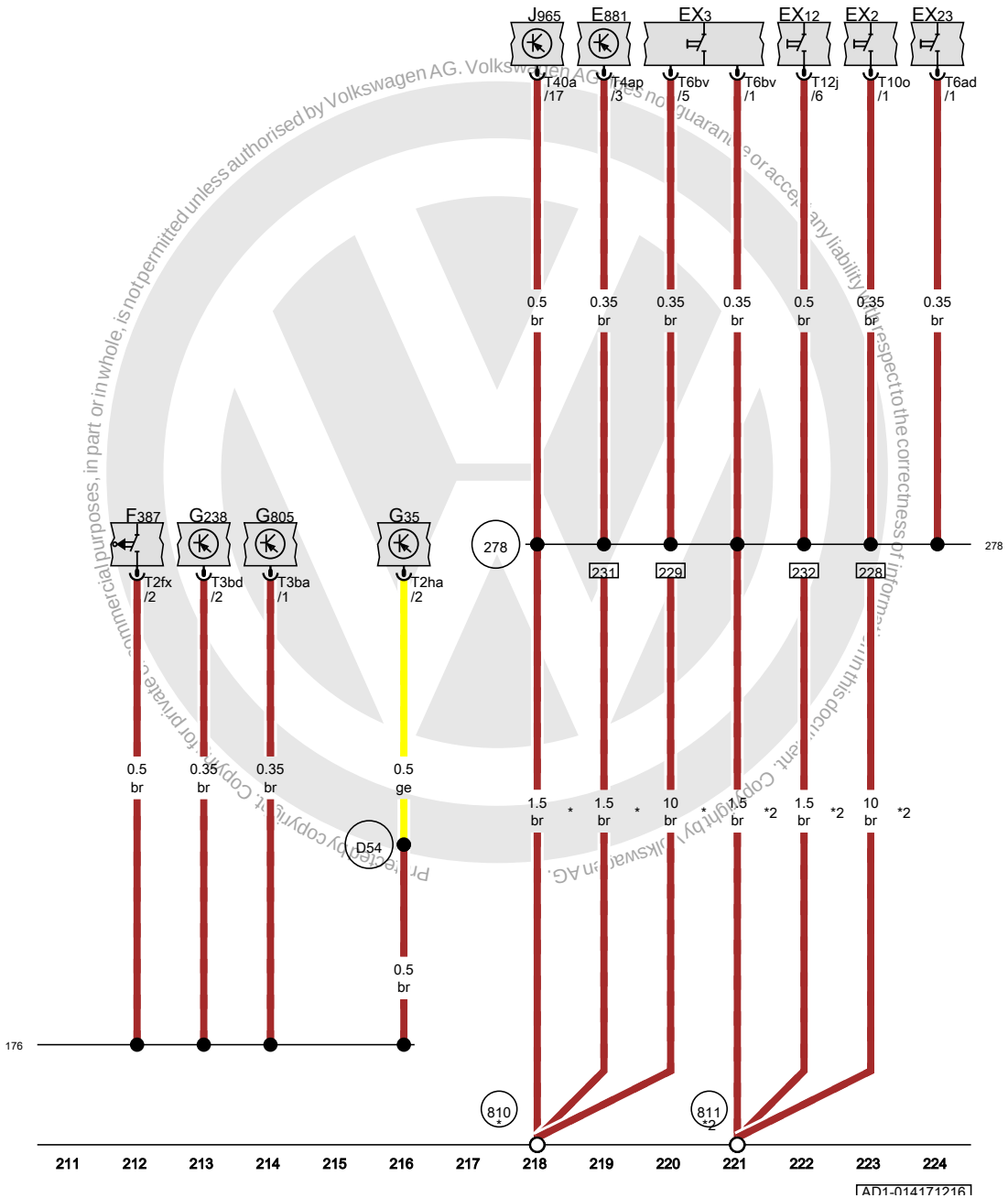
ABS control unit, Auxiliary heater control unit, Right fog light bulb, Front right headlight, Earth point, on right headlight, Earth point 1, on front of right longitudinal member

H2	Treble horn
H12	Alarm horn
J104	ABS control unit
J364	Auxiliary heater control unit
L23	Right fog light bulb
MX2	Front right headlight
T2fp	2-pin connector, black
T2fs	2-pin connector, black
T2ft	2-pin connector, black
T3bc	3-pin connector, black
T10r	10-pin connector, black
T14l	14-pin connector, black
T46a	46-pin connector, black
129	Earth connection, in dual tone horn wiring harness
132	Earth connection 3, in engine compartment wiring harness
176	Earth connection, in right headlight wiring harness
656	Earth point, on right headlight
685	Earth point 1, on front of right longitudinal member
*	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
ge	=	yellow
or	=	orange
rs	=	pink

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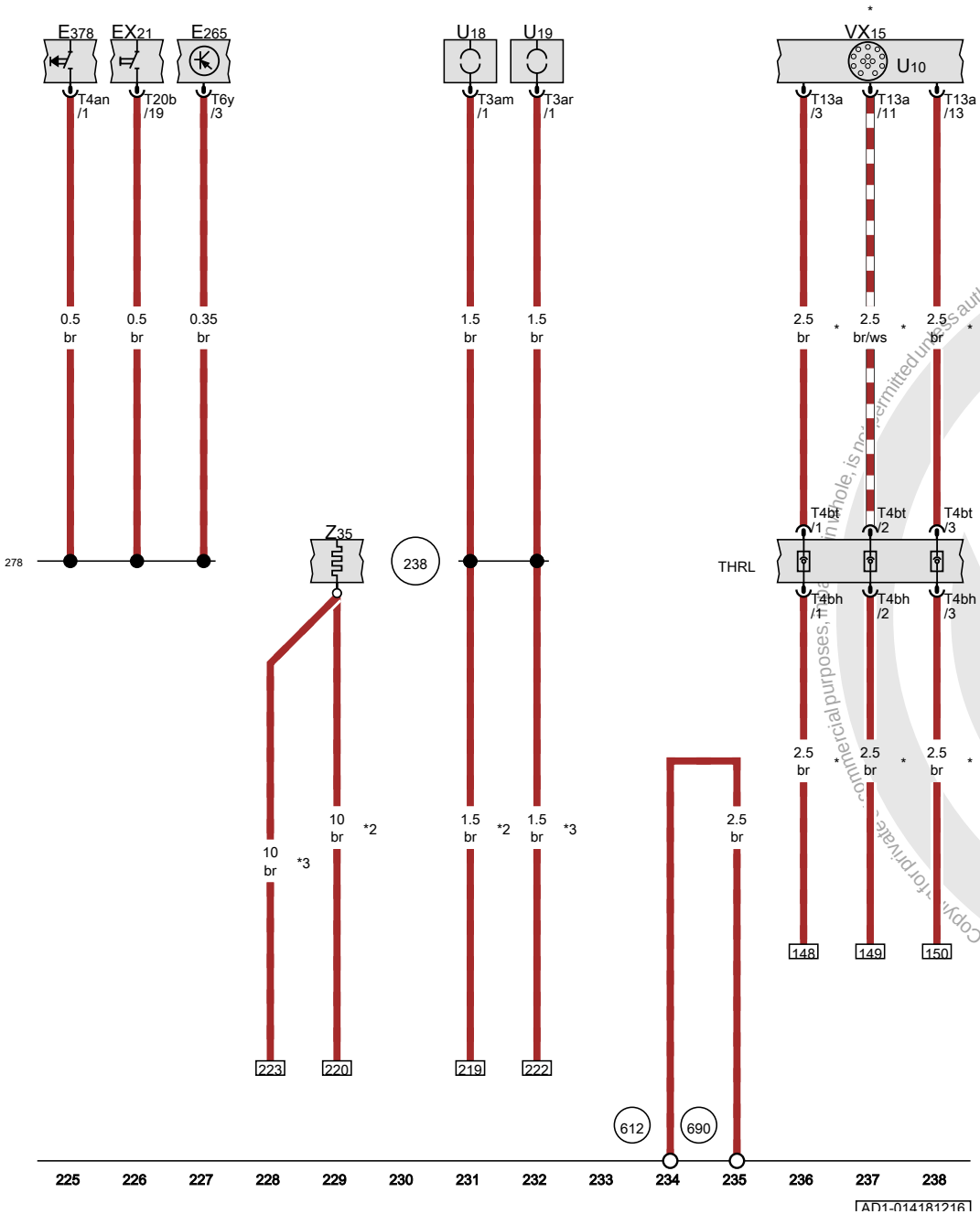


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Selector mechanism, Hazard warning light switch, Switch module 1 in centre console, Bonnet contact switch, Pressure sender for refrigerant circuit, Interface for entry and start system

EX2	Selector mechanism
EX3	Hazard warning light switch
EX12	Parking brake button
EX23	Switch module 1 in centre console
E881	Operating unit for driving mode selection
F387	Bonnet contact switch
G35	Front right brake pad wear sender
G238	Air quality sensor
G805	Pressure sender for refrigerant circuit
J965	Interface for entry and start system
T2fx	2-pin connector, black
T2ha	2-pin connector, black
T3ba	3-pin connector, black
T3bd	3-pin connector, grey
T4ap	4-pin connector, black
T6ad	6-pin connector, black
T6bv	6-pin connector, blue
T10o	10-pin connector, black
T12j	12-pin connector, black
T40a	40-pin connector, black
176	Earth connection, in right headlight wiring harness
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
D54	Connection (right brake wear indicator), in engine compartment wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models

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Heater and air conditioning controls, 12 V socket 2, 12 V socket 3, Auxiliary air heater element

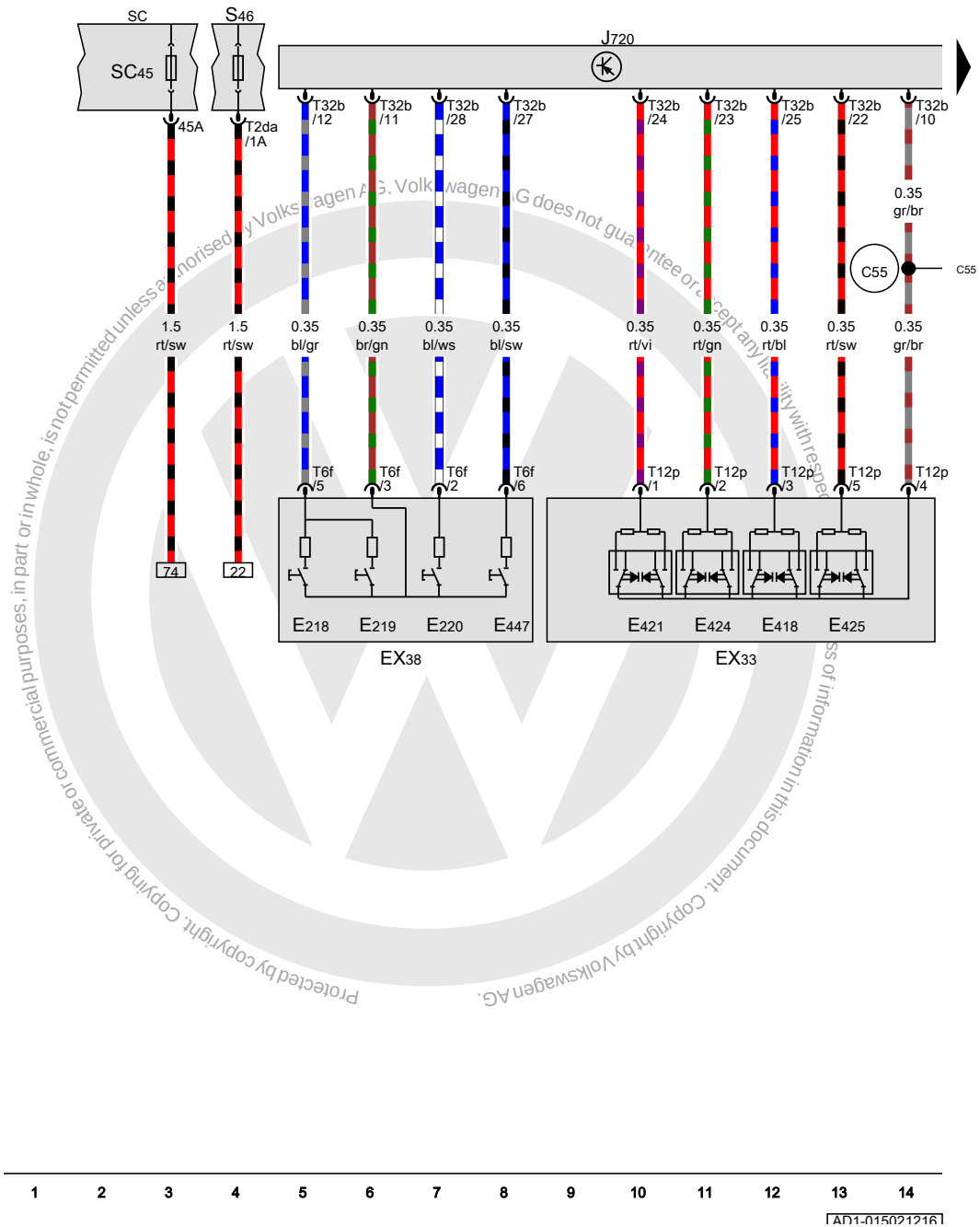
EX21	Heater and air conditioning controls
E265	Operating and display unit for rear air conditioning system
E378	Starter button
T3am	3-pin connector, colourless
T3ar	3-pin connector, colourless
T4an	4-pin connector, black
T4bh	4-pin connector, black
T4bt	4-pin connector, black
T6y	6-pin connector, black
T13a	13-pin connector, black
T20b	20-pin connector, black
THRL	Coupling point in luggage compartment, left
U10	Trailer socket
U18	12 V socket 2
U19	12 V socket 3
VX15	Trailer towing coupling
Z35	Auxiliary air heater element
238	Earth connection 1, in interior wiring harness
278	Earth connection 4, in interior wiring harness
612	Earth point, centre on rear lid
690	Earth point, rear centre roof frame
*	Only models with towing bracket
*2	Only left-hand drive models
*3	Only right-hand drive models

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Electric seat adjustment with memory function , (L0R),(3PJ),(3PN)

From January 2016

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Operating unit for front left seat adjustment, Operating unit 2 for front left seat adjustment, Front passenger seat position control unit, Fuse holder C, Front passenger seat adjustment thermal fuse 1

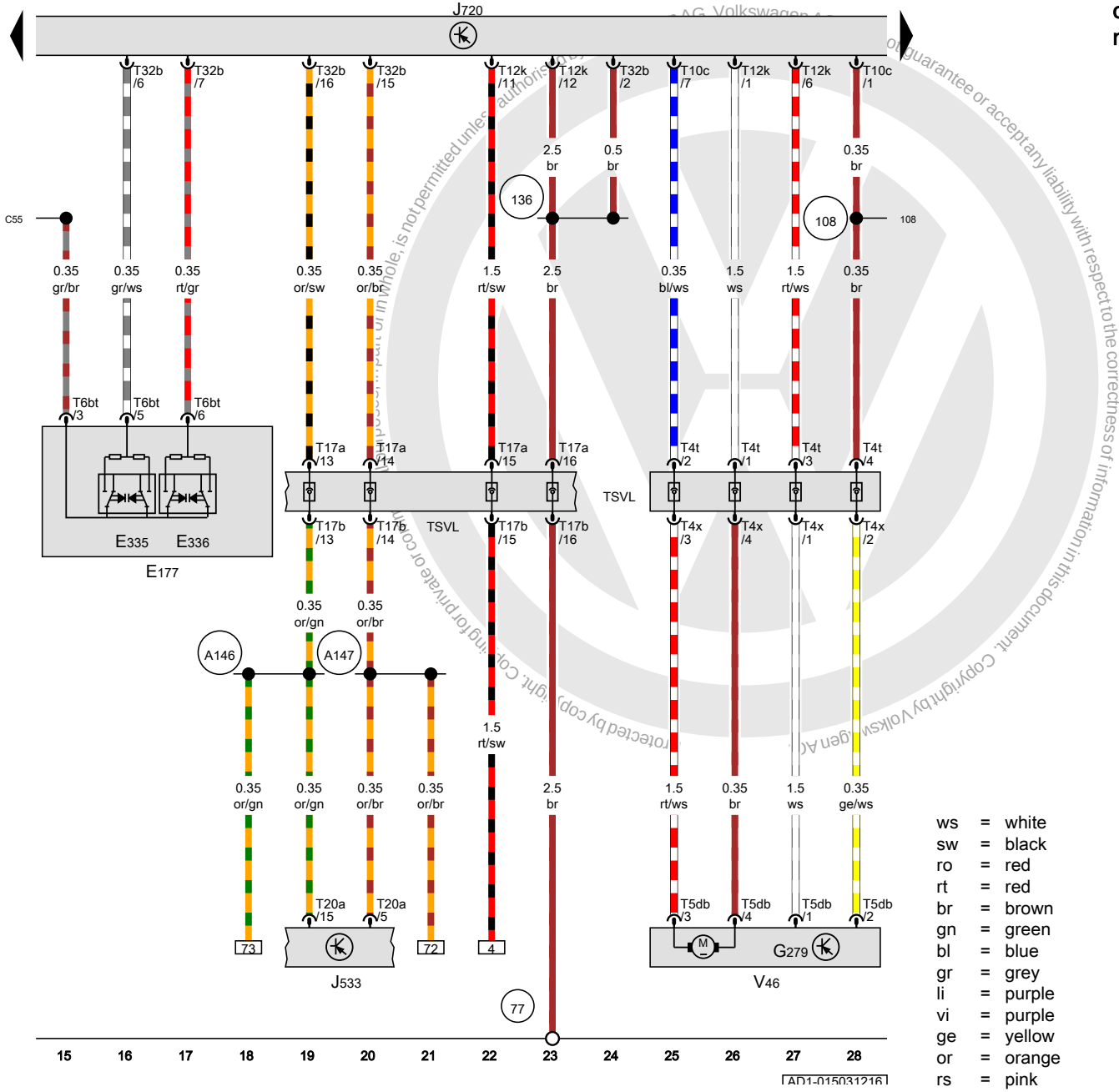
EX33	Operating unit for front left seat adjustment
EX38	Operating unit 2 for front left seat adjustment
E218	Seat memory position button 1
E219	Seat memory position button 2
E220	Seat memory position button 3
E418	Seat longitudinal adjustment button
E421	Rake adjustment button
E424	Seat height adjustment button
E425	Backrest adjustment button
E447	Seat position memory button
J720	Front passenger seat position control unit
SC	Fuse holder C
SC45	Fuse 45 on fuse holder C
S46	Front passenger seat adjustment thermal fuse 1
T2da	2-pin connector, black
T6f	6-pin connector, black
T12p	12-pin connector, black
T32b	32-pin connector, grey
C55	Positive connection (30a), in front left 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

1 2 3 4 5 6 7 8 9 10 11 12 13 14

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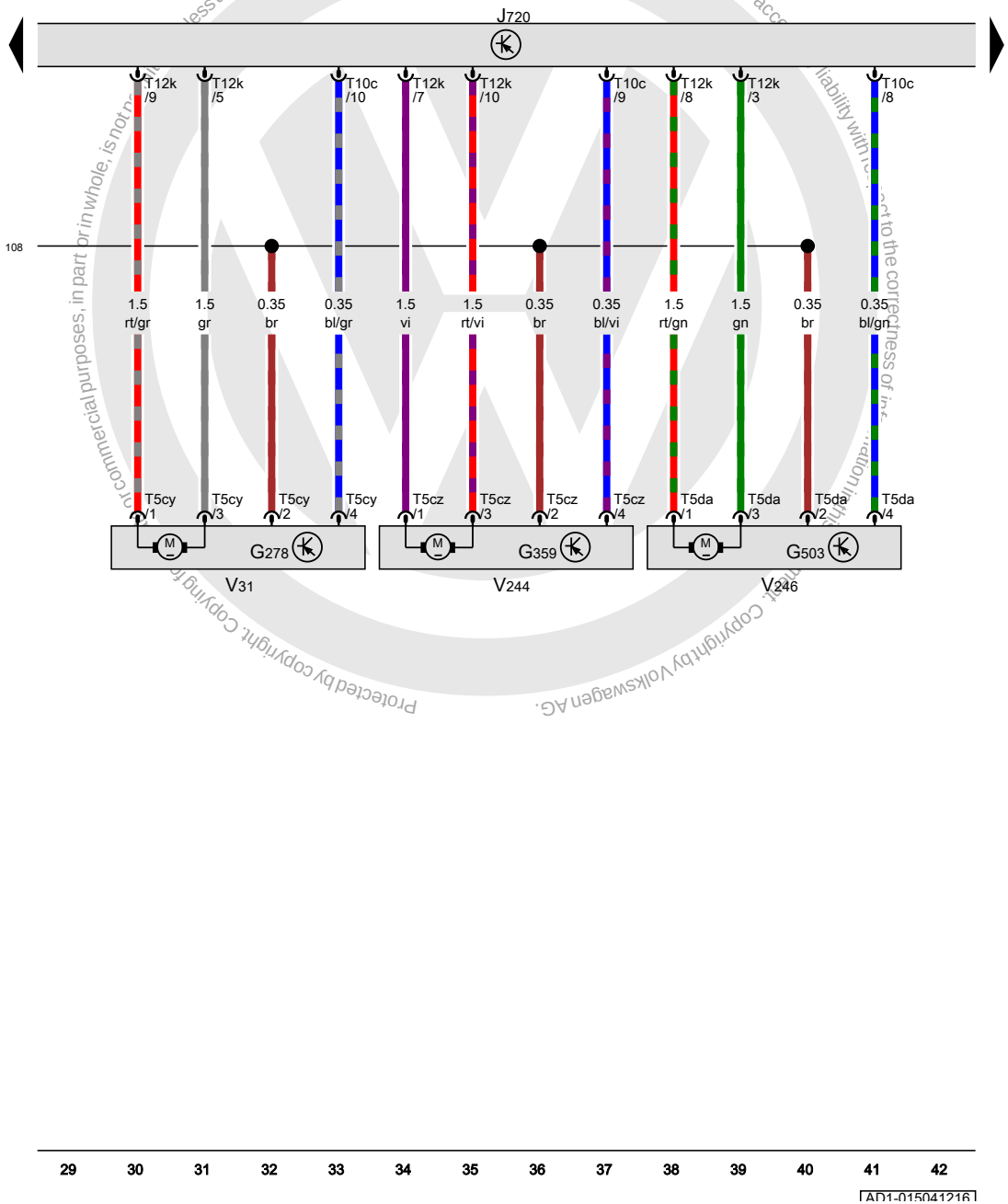


ws = white
sw = black
ro = red
rt = red
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gn = green
bl = blue
gr = grey
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vi = purple
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rs = pink

Front passenger seat lumbar support adjustment switch, Data bus diagnostic interface, Front passenger seat position control unit, Front passenger seat backrest adjustment motor

E177	Front passenger seat lumbar support adjustment switch
E335	Lumbar support height adjustment button
E336	Lumbar support longitudinal adjustment button
G279	Backrest adjustment sender for front passenger seat
J533	Data bus diagnostic interface
J720	Front passenger seat position control unit
T4t	4-pin connector, black
T4x	4-pin connector, black
T5db	5-pin connector, brown
T6bt	6-pin connector, black
T10c	10-pin connector, black
T12k	12-pin connector, black
T17a	17-pin connector, red
T17b	17-pin connector, red
T20a	20-pin connector, red
T32b	32-pin connector, grey
TSVL	Coupling point for front left seat
V46	Front passenger seat backrest adjustment motor
77	Earth point, lower part of left B-pillar
108	Earth connection 2, in front left wiring harness
136	Earth connection 2, in seat heating wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
C55	Positive connection (30a), in front left wiring harness

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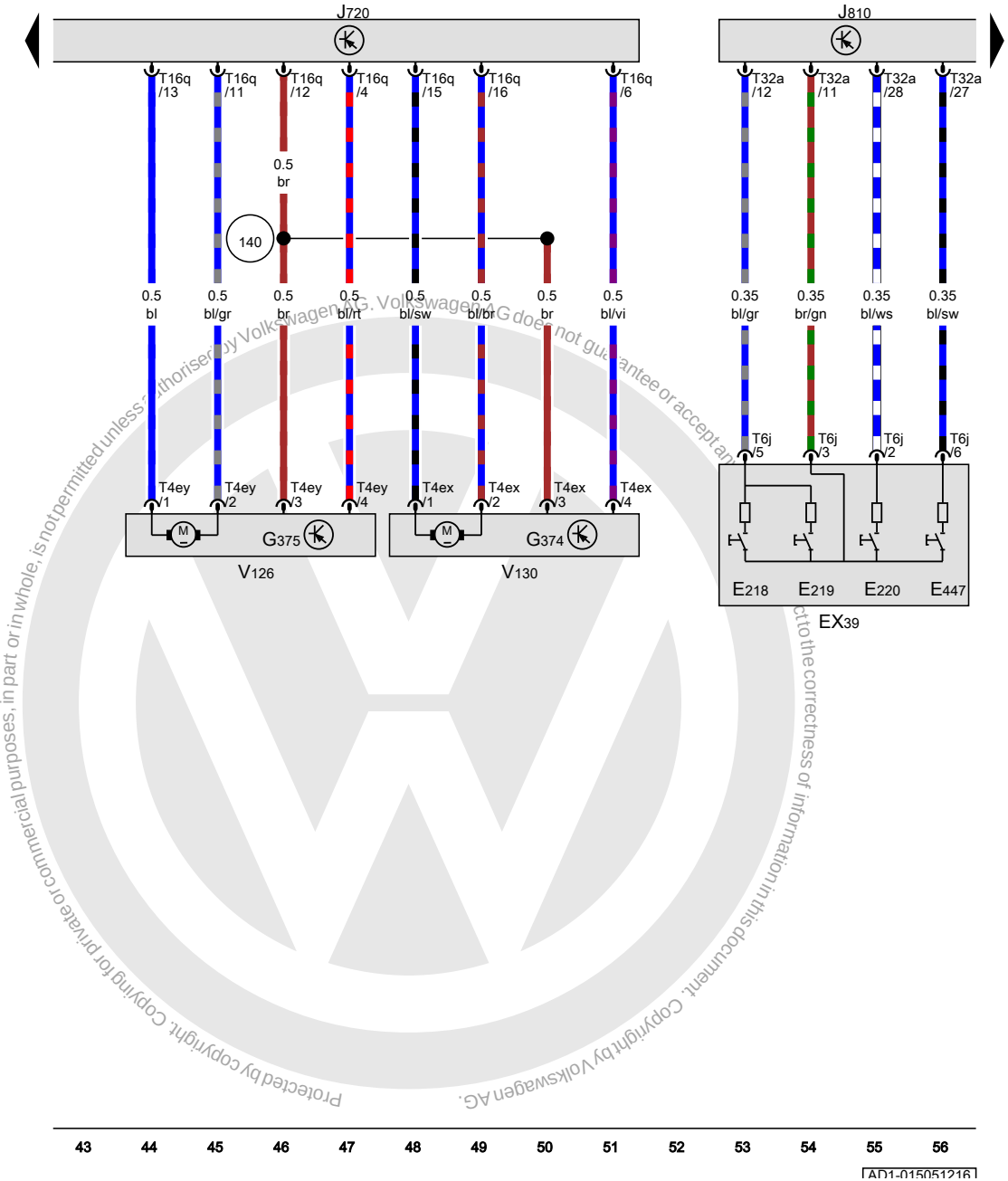


Front passenger seat position control unit, Front passenger seat longitudinal adjustment motor, Front passenger seat rake adjustment motor, Front passenger seat height adjustment motor

G278	Longitudinal adjustment sender for front passenger seat
G359	Front passenger seat rake adjustment sender
G503	Seat height adjustment sender
J720	Front passenger seat position control unit
T5cy	5-pin connector, brown
T5cz	5-pin connector, brown
T5da	5-pin connector, brown
T10c	10-pin connector, black
T12k	12-pin connector, black
V31	Front passenger seat longitudinal adjustment motor
V244	Front passenger seat rake adjustment motor
V246	Front passenger seat height adjustment motor
108	Earth connection 2, in front left 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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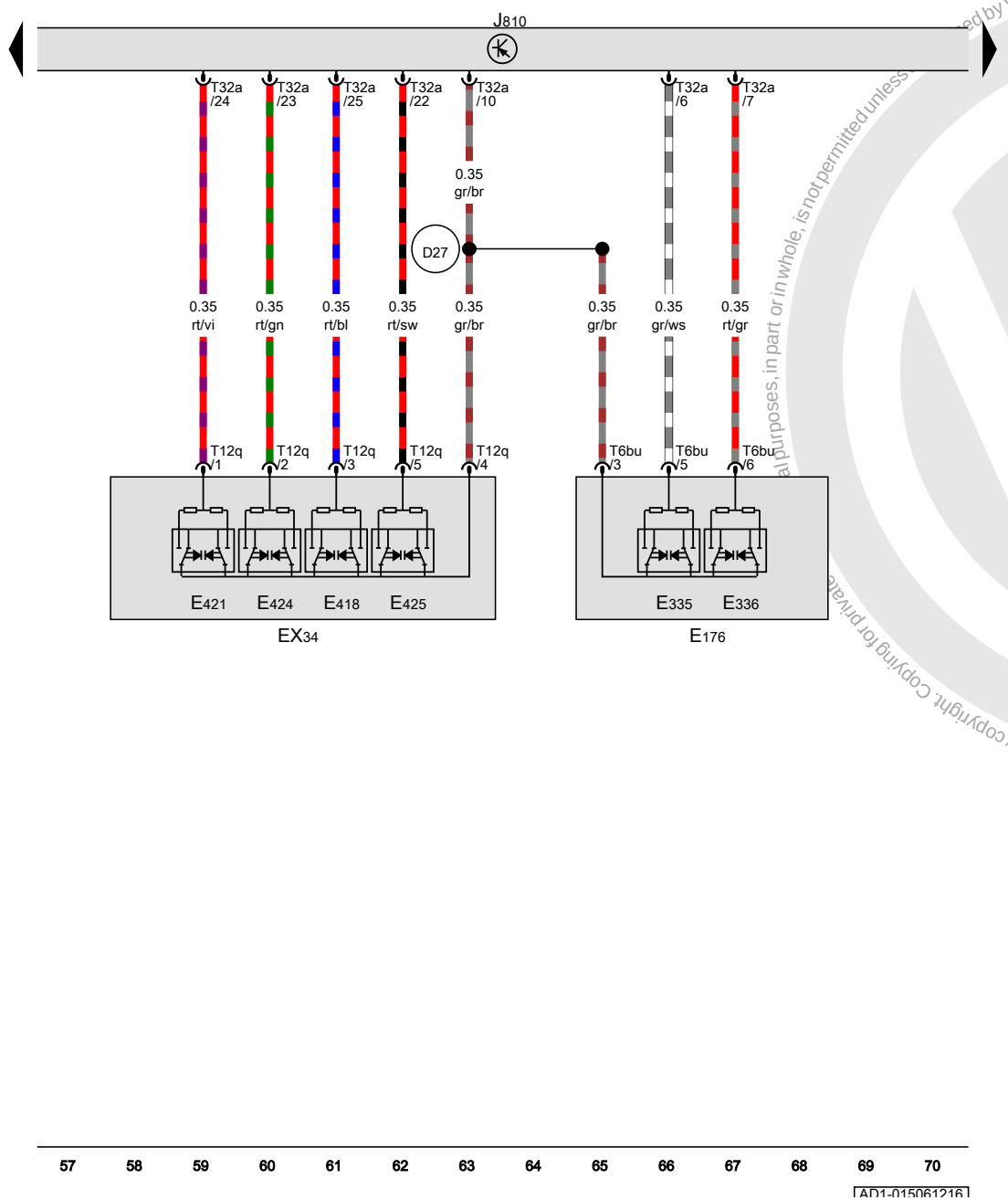


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Operating unit 2 for front right seat adjustment, Front passenger seat position control unit, Driver seat adjustment control unit, Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support height adjustment motor

EX39	Operating unit 2 for front right seat adjustment
E218	Seat memory position button 1
E219	Seat memory position button 2
E220	Seat memory position button 3
E447	Seat position memory button
G374	Lumbar support height adjustment sender
G375	Lumbar support longitudinal adjustment sender
J720	Front passenger seat position control unit
J810	Driver seat adjustment control unit
T4ex	4-pin connector, black
T4ey	4-pin connector, black
T6j	6-pin connector, black
T16q	16-pin connector, black
T32a	32-pin connector, grey
V126	Front passenger seat lumbar support longitudinal adjustment motor
V130	Front passenger seat lumbar support height adjustment motor
140	Earth connection 2, in seat adjustment wiring 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

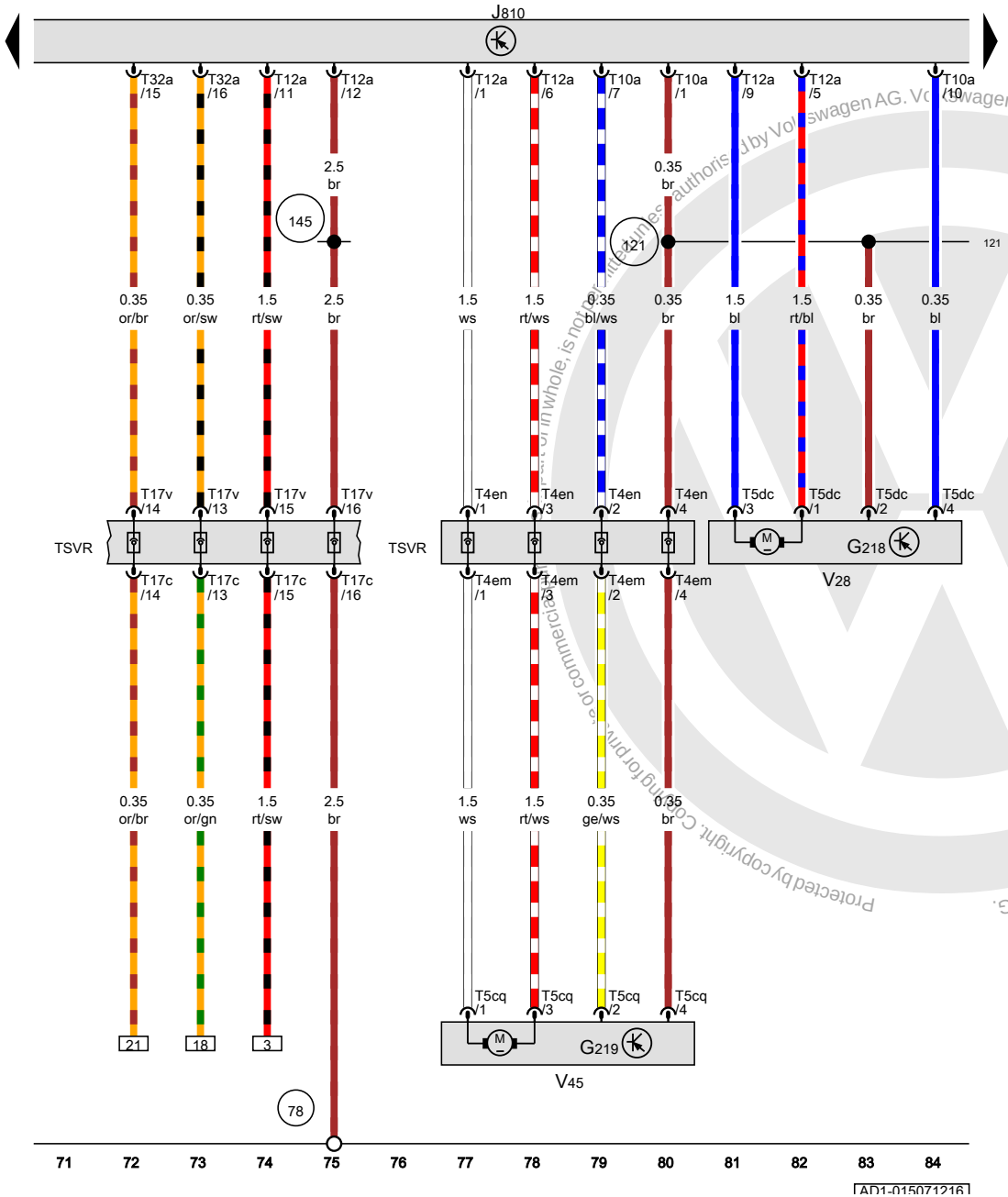


Operating unit for front right seat adjustment, Driver seat lumbar support adjustment switch, Driver seat adjustment control unit

EX34	Operating unit for front right seat adjustment
E176	Driver seat lumbar support adjustment switch
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
J810	Driver seat adjustment control unit
T6bu	6-pin connector, black
T12q	12-pin connector, black
T32a	32-pin connector, grey
D27	Positive connection (30a), in front right 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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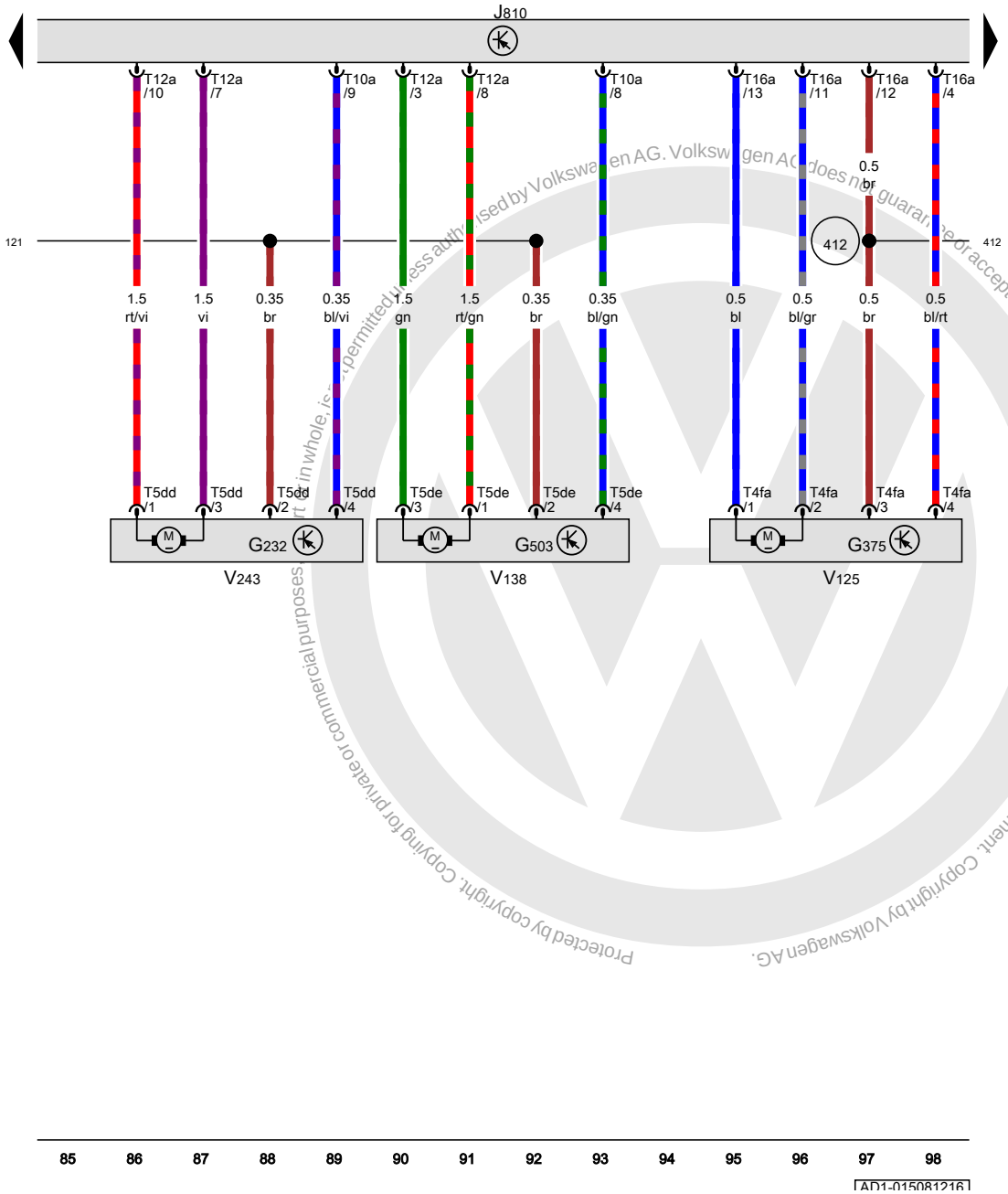


Driver seat adjustment control unit, Driver seat longitudinal adjustment motor, Driver seat backrest adjustment motor

G218	Longitudinal adjustment sender for driver seat
G219	Backrest adjustment sender for driver seat
J810	Driver seat adjustment control unit
T4em	4-pin connector, black
T4en	4-pin connector, black
T5cq	5-pin connector, brown
T5dc	5-pin connector, brown
T10a	10-pin connector, black
T12a	12-pin connector, black
T17c	17-pin connector, red
T17v	17-pin connector, red
T32a	32-pin connector, grey
TSVR	Coupling point for front right seat
V28	Driver seat longitudinal adjustment motor
V45	Driver seat backrest adjustment motor
78	Earth point, lower part of right B-pillar
121	Earth connection 2, in front right wiring harness
145	Earth connection 3, in seat heating wiring harness

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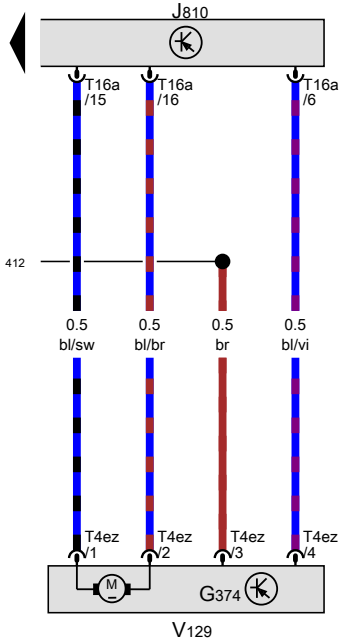


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Driver seat adjustment control unit, Driver seat lumbar support longitudinal adjustment motor, Driver seat height adjustment motor, Driver seat rake adjustment motor

G232	Rake adjustment sender for driver seat
G375	Lumbar support longitudinal adjustment sender
G503	Seat height adjustment sender
J810	Driver seat adjustment control unit
T4fa	4-pin connector, black
T5dd	5-pin connector, brown
T5de	5-pin connector, brown
T10a	10-pin connector, black
T12a	12-pin connector, black
T16a	16-pin connector, black
V125	Driver seat lumbar support longitudinal adjustment motor
V138	Driver seat height adjustment motor
V243	Driver seat rake adjustment motor
121	Earth connection 2, in front right wiring harness
412	Earth connection 3, in seat adjustment 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



Driver seat adjustment control unit, Driver seat lumbar support height adjustment motor

G374	Lumbar support height adjustment sender
J810	Driver seat adjustment control unit
T4ez	4-pin connector, black
T16a	16-pin connector, black
V129	Driver seat lumbar support height adjustment motor
412	Earth connection 3, in seat adjustment wiring harness

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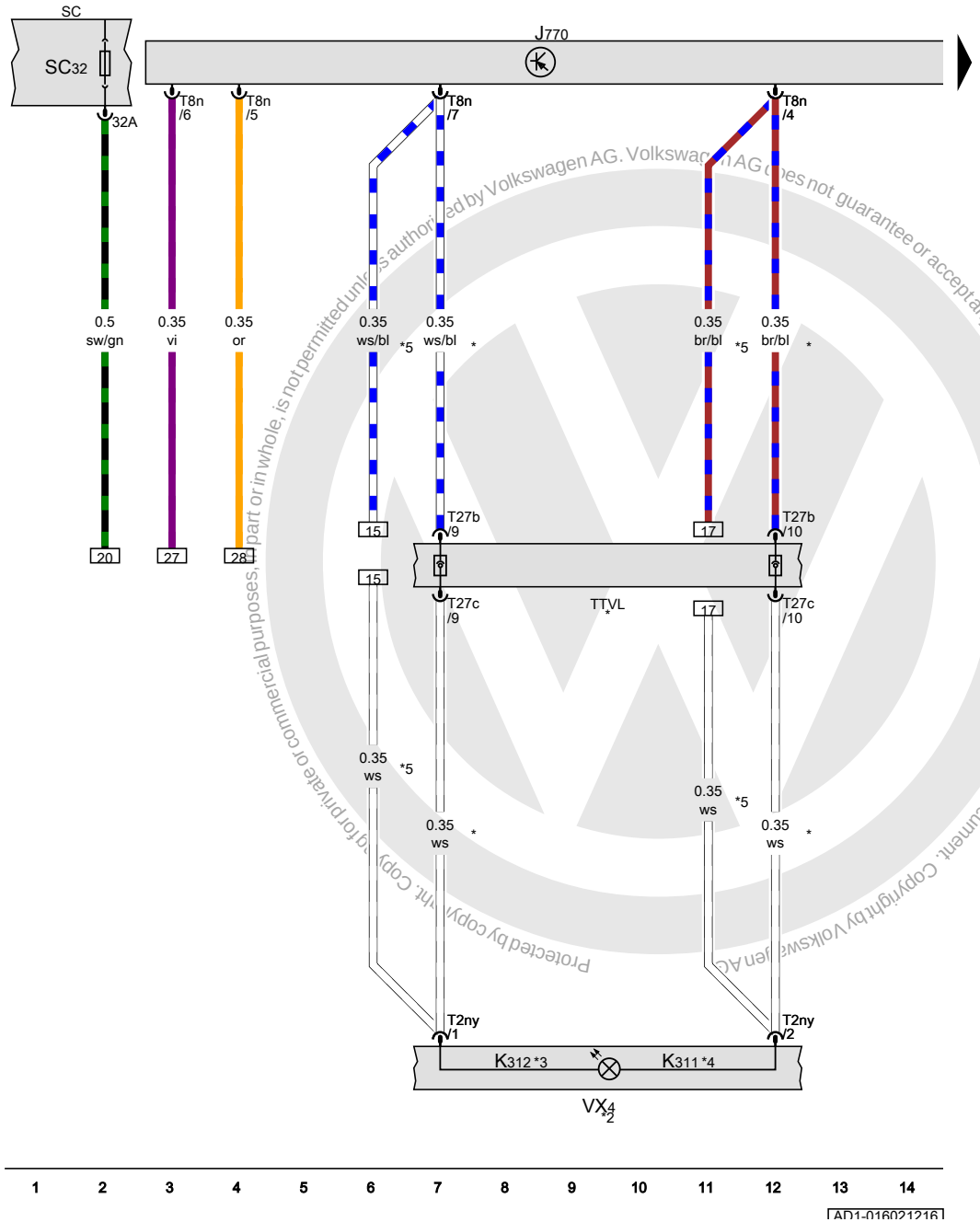
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AD1-015091216

Lane change assist , (7Y1),(7Y5)

From January 2016

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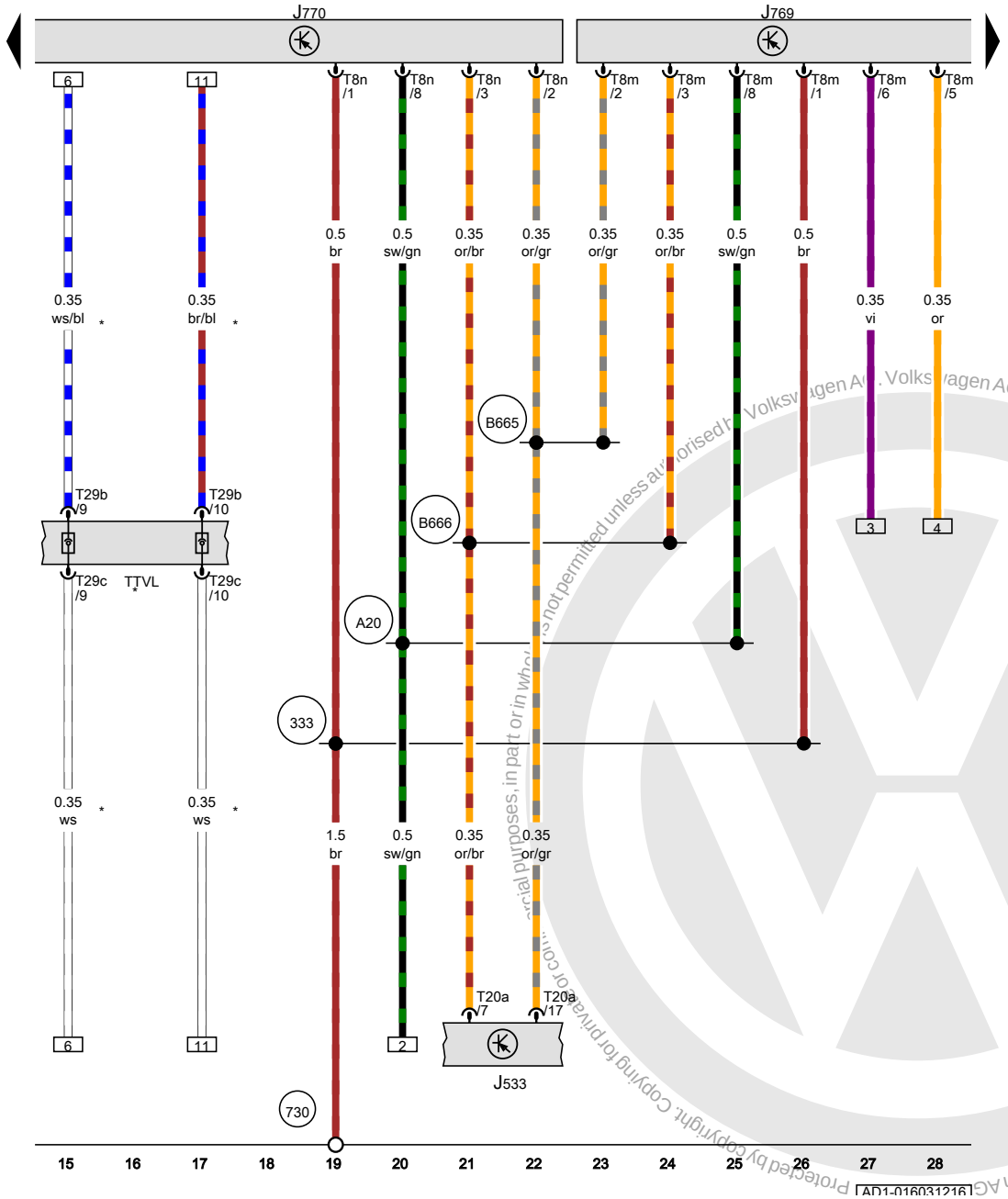


Lane change assist control unit 2, Fuse holder C, Driver side exterior mirror

J770	Lane change assist control unit 2
K311	Lane change assist warning lamp in right exterior mirror
K312	Lane change assist warning lamp in left exterior mirror
SC	Fuse holder C
SC32	Fuse 32 on fuse holder C
T2ny	2-pin connector, black
T8n	8-pin connector, black
T27b	27-pin connector, black
T27c	27-pin connector, black
TTVL	Coupling point for front left door
VX4	Driver side exterior mirror
*	Only models with no overhead view camera
*2	Pre-wired component
*3	Only left-hand drive models
*4	Only right-hand drive models
*5	Only models with overhead view camera

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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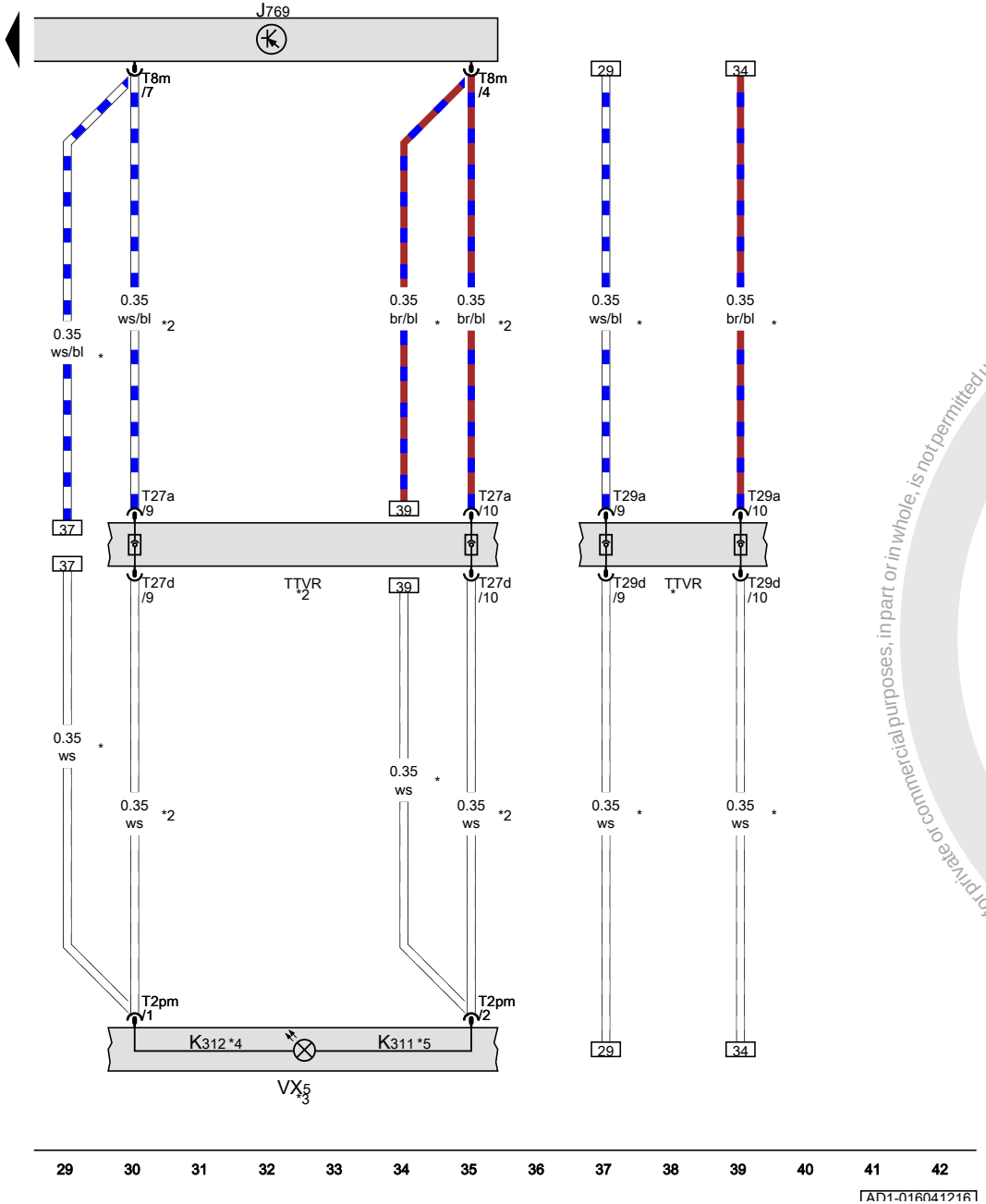


Data bus diagnostic interface, Lane change assist control unit, Lane change assist control unit 2

J533	Data bus diagnostic interface
J769	Lane change assist control unit
J770	Lane change assist control unit 2
T8m	8-pin connector, black
T8n	8-pin connector, black
T20a	20-pin connector, red
T29b	29-pin connector, white
T29c	29-pin connector, white
TTVL	Coupling point for front left door
333	Earth connection 5, in rear wiring harness
730	Earth point 1, on right rear wheel housing
A20	Positive connection (15a), in dash panel wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
*	Only models with overhead view camera

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Lane change assist control unit, Passenger side exterior mirror

J769	Lane change assist control unit
K311	Lane change assist warning lamp in right exterior mirror
K312	Lane change assist warning lamp in left exterior mirror
T2pm	2-pin connector, black
T8m	8-pin connector, black
T27a	27-pin connector, black
T27d	27-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
TTVR	Coupling point for front right door
VX5	Passenger side exterior mirror
*	Only models with overhead view camera
*2	Only models with no overhead view camera
*3	Pre-wired component
*4	Only left-hand drive models
*5	Only right-hand drive models

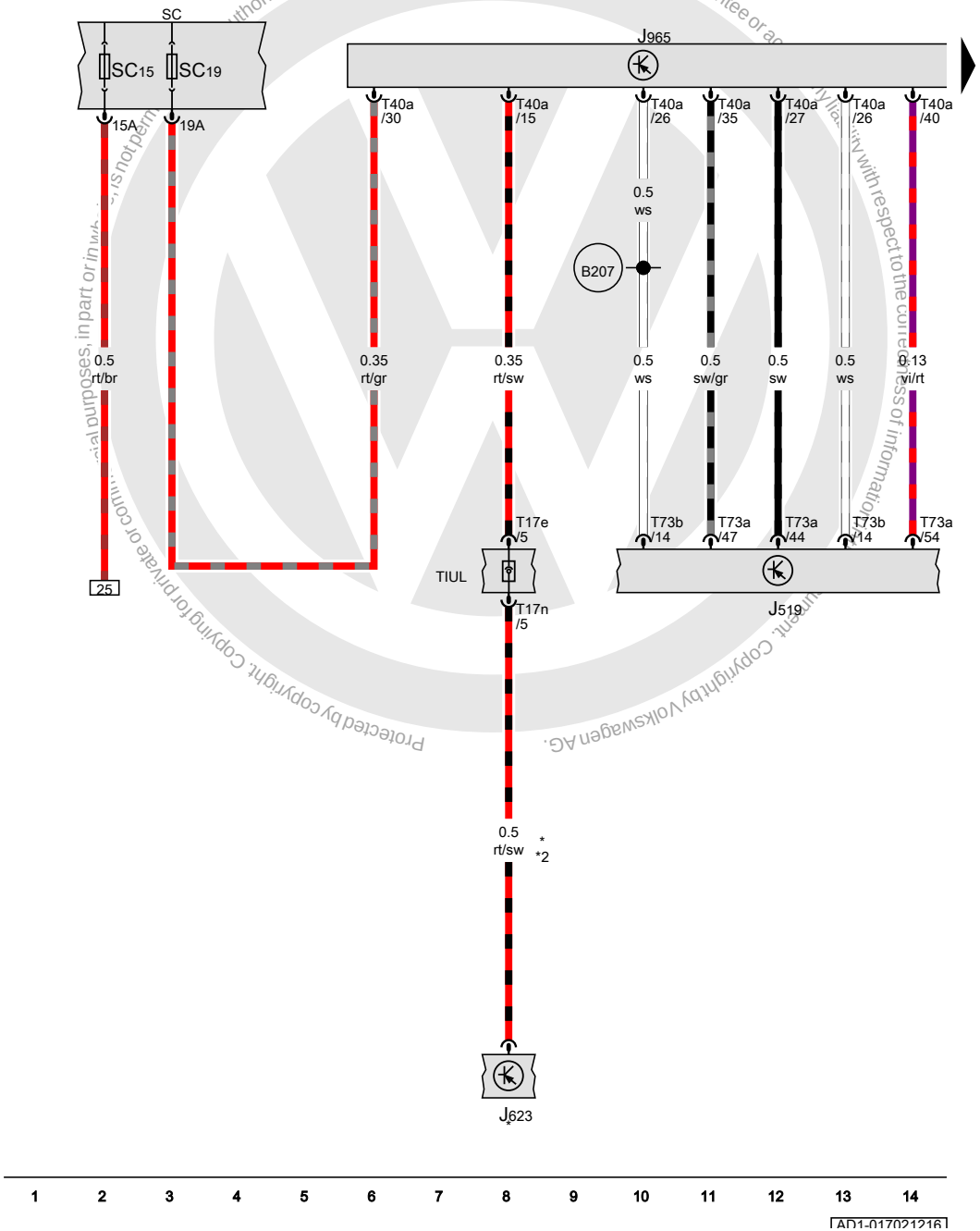
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Entry and start authorisation , (4F2),(4I3)

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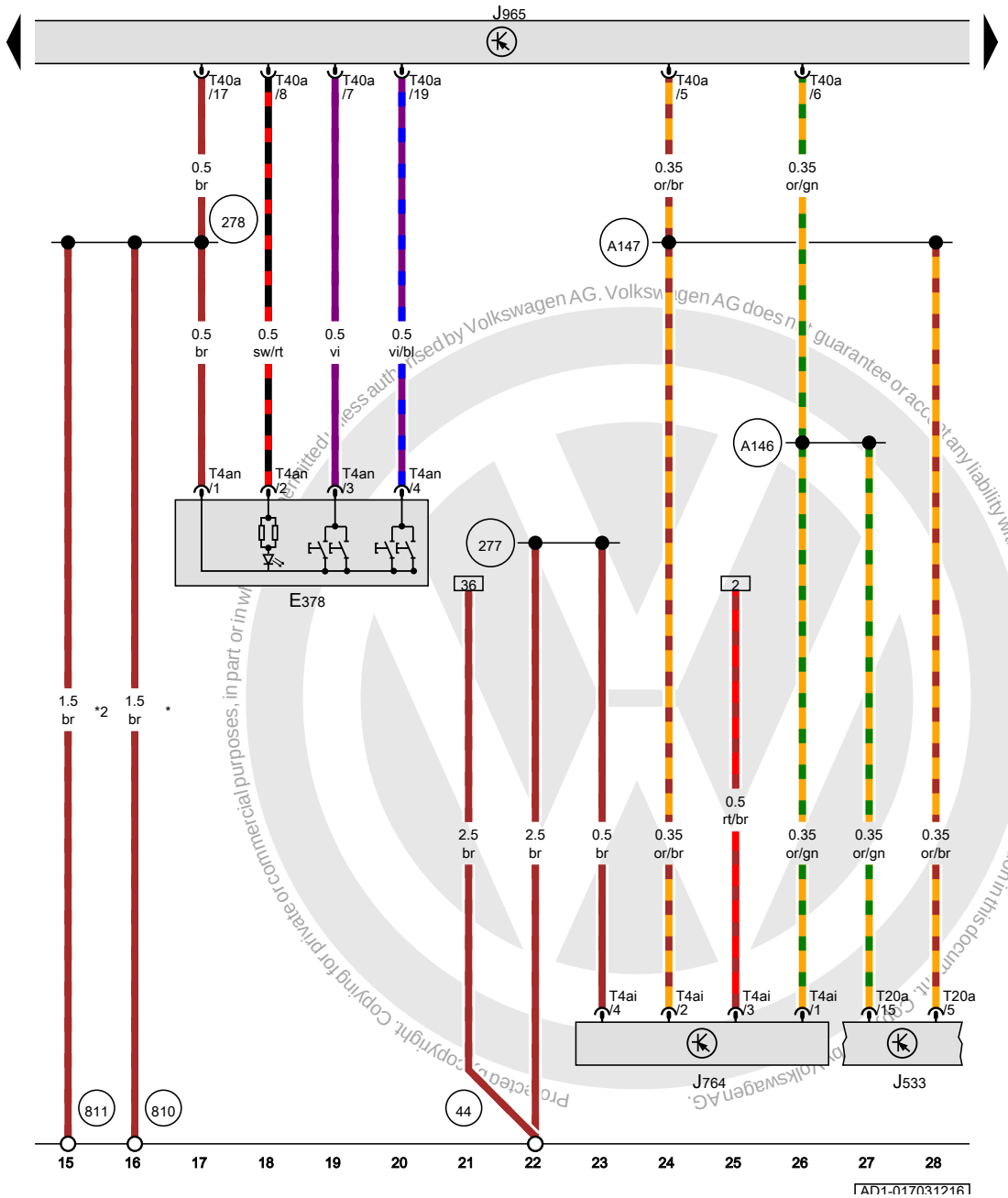


Onboard supply control unit, Engine control unit, Interface for entry and start system, Fuse holder C

J519	Onboard supply control unit
J623	Engine control unit
J965	Interface for entry and start system
SC	Fuse holder C
SC15	Fuse 15 on fuse holder C
SC19	Fuse 19 on fuse holder C
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T40a	40-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, black
TIUL	Coupling point in interior, below left
B207	Connection (convenience), in interior wiring harness
*	see applicable current flow diagram for engine
*2	Cross section depends on equipment

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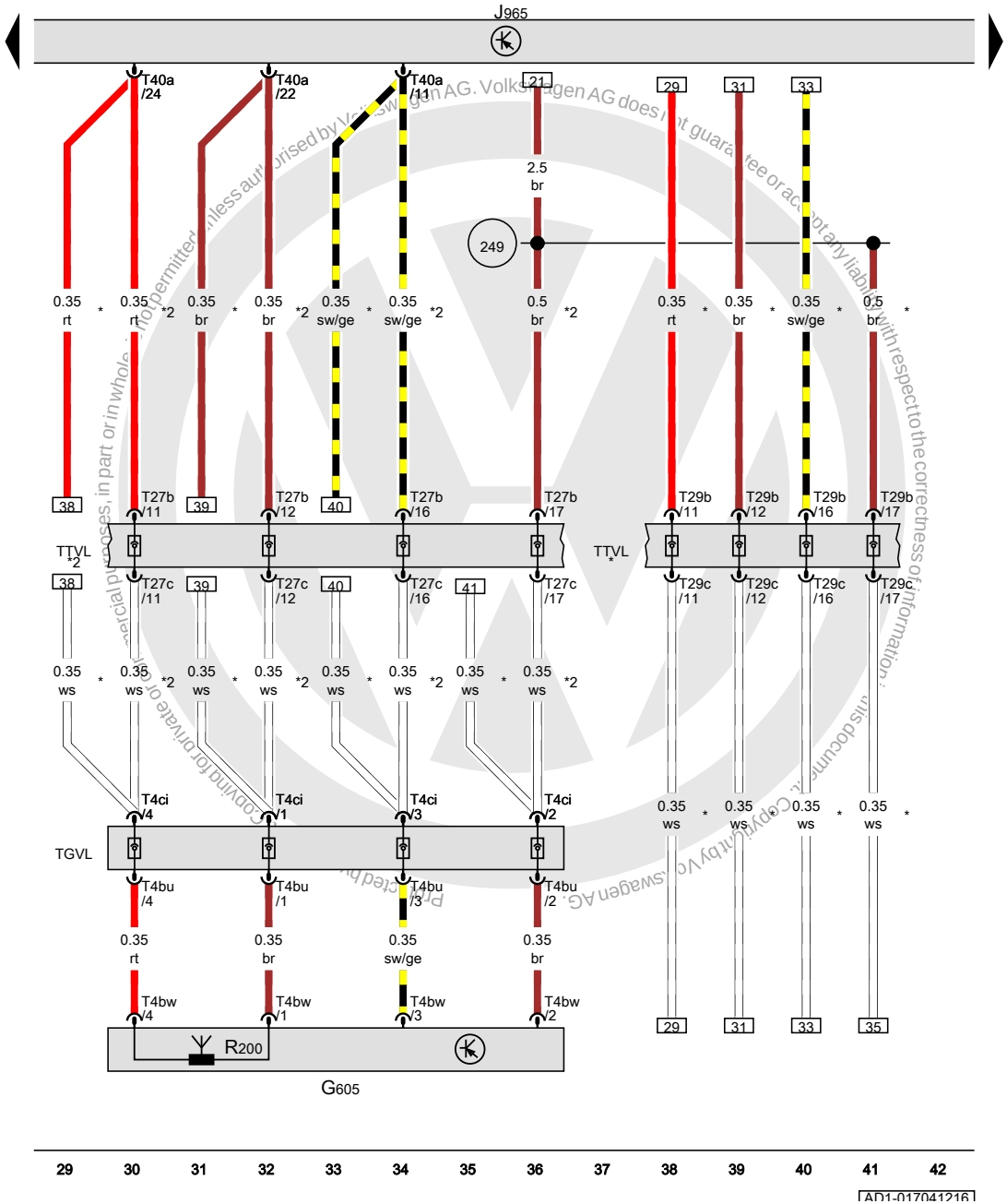


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Starter button, Data bus diagnostic interface, Control unit for electronic steering column lock, Interface for entry and start system

E378	Starter button
J533	Data bus diagnostic interface
J764	Control unit for electronic steering column lock
J965	Interface for entry and start system
T4ai	4-pin connector, black
T4an	4-pin connector, black
T20a	20-pin connector, red
T40a	40-pin connector, black
44	Earth point, lower part of left A-pillar
277	Earth connection 3, in interior wiring harness
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models

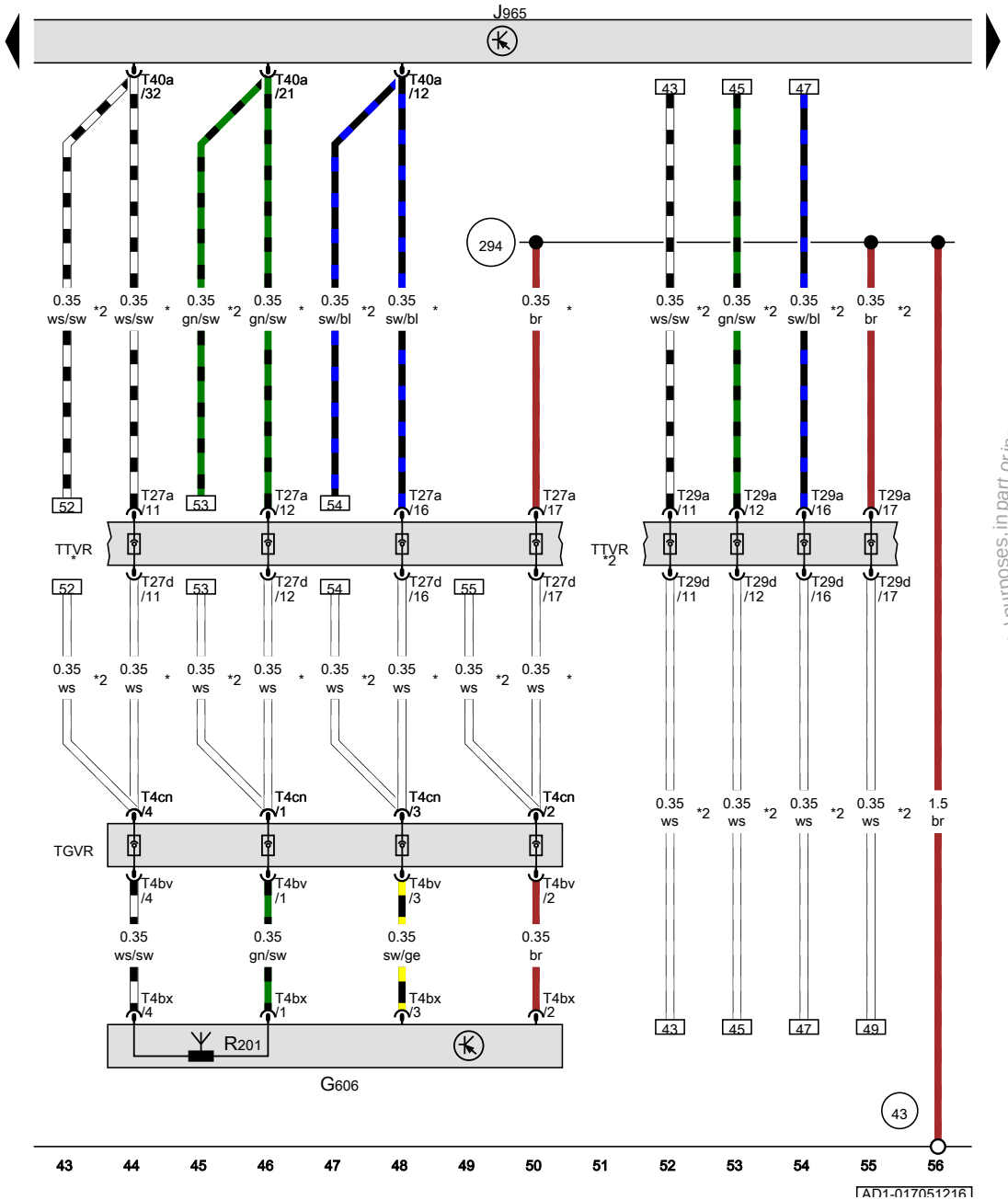
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Contact sensor for front left exterior door handle, Interface for entry and start system

G605	Contact sensor for front left exterior door handle
J965	Interface for entry and start system
R200	Left aerial for entry and start authorisation
T4bu	4-pin connector, black
T4bw	4-pin connector, black
T4ci	4-pin connector, black
T27b	27-pin connector, black
T27c	27-pin connector, black
T29b	29-pin connector, white
T29c	29-pin connector, white
T40a	40-pin connector, black
TGVL	Coupling point on front left exterior door handle
TTVL	Coupling point for front left door
249	Earth connection 2, in interior wiring harness
*	Only models with overhead view camera
*2	Only models with no overhead view camera

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

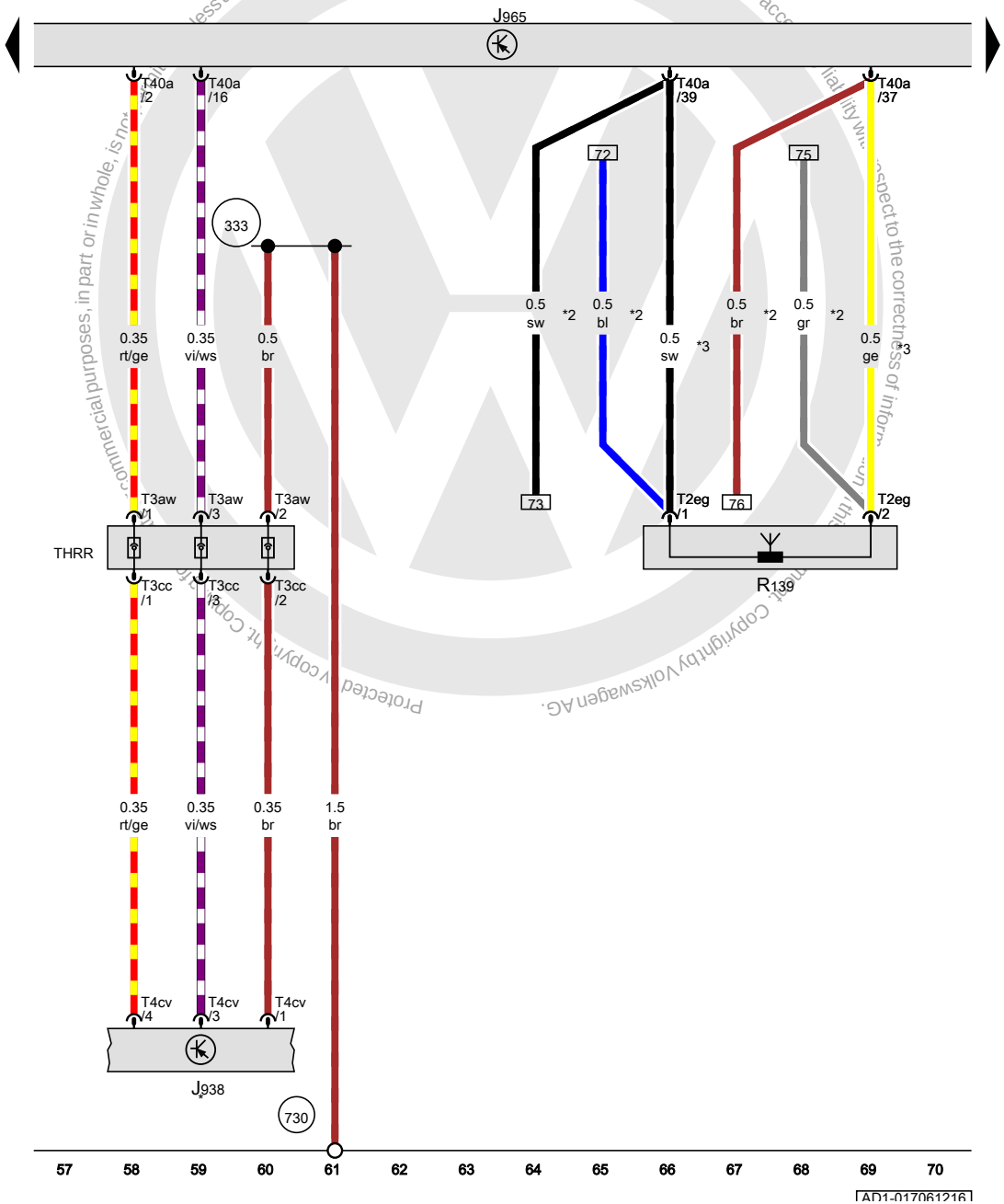


Contact sensor for front right exterior door handle, Interface for entry and start system

G606	Contact sensor for front right exterior door handle
J965	Interface for entry and start system
R201	Right aerial for entry and start authorisation
T4bv	4-pin connector, black
T4bx	4-pin connector, black
T4cn	4-pin connector, black
T27a	27-pin connector, black
T27d	27-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
T40a	40-pin connector, black
TGVR	Coupling point on front right exterior door handle
TTVR	Coupling point for front right door
43	Earth point, lower part of right A-pillar
294	Earth connection 9, in interior wiring harness
*	Only models with no overhead view camera
*2	Only models with overhead view camera

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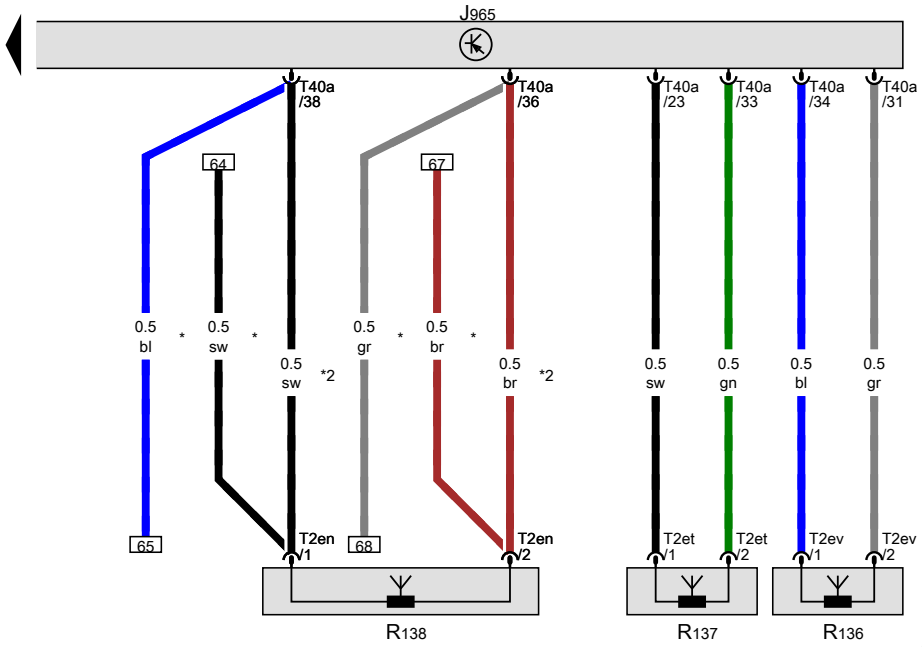
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Rear lid power opening control unit, Interface for entry and start system, Interior aerial 2 for entry and start system

J938	Rear lid power opening control unit
J965	Interface for entry and start system
R139	Interior aerial 2 for entry and start system
T2eg	2-pin connector, black
T3aw	3-pin connector, black
T3cc	3-pin connector, black
T4cv	4-pin connector, black
T40a	40-pin connector, black
THRR	Coupling point in luggage compartment, right
333	Earth connection 5, in rear wiring harness
730	Earth point 1, on right rear wheel housing
*	see applicable current flow diagram for convenience system
*2	From May 2016
*3	Up to May 2016

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



Interface 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

J965	Interface 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
T2en	2-pin connector, black
T2et	2-pin connector, black
T2ev	2-pin connector, colourless
T40a	40-pin connector, black
*	From May 2016
*2	Up to May 2016

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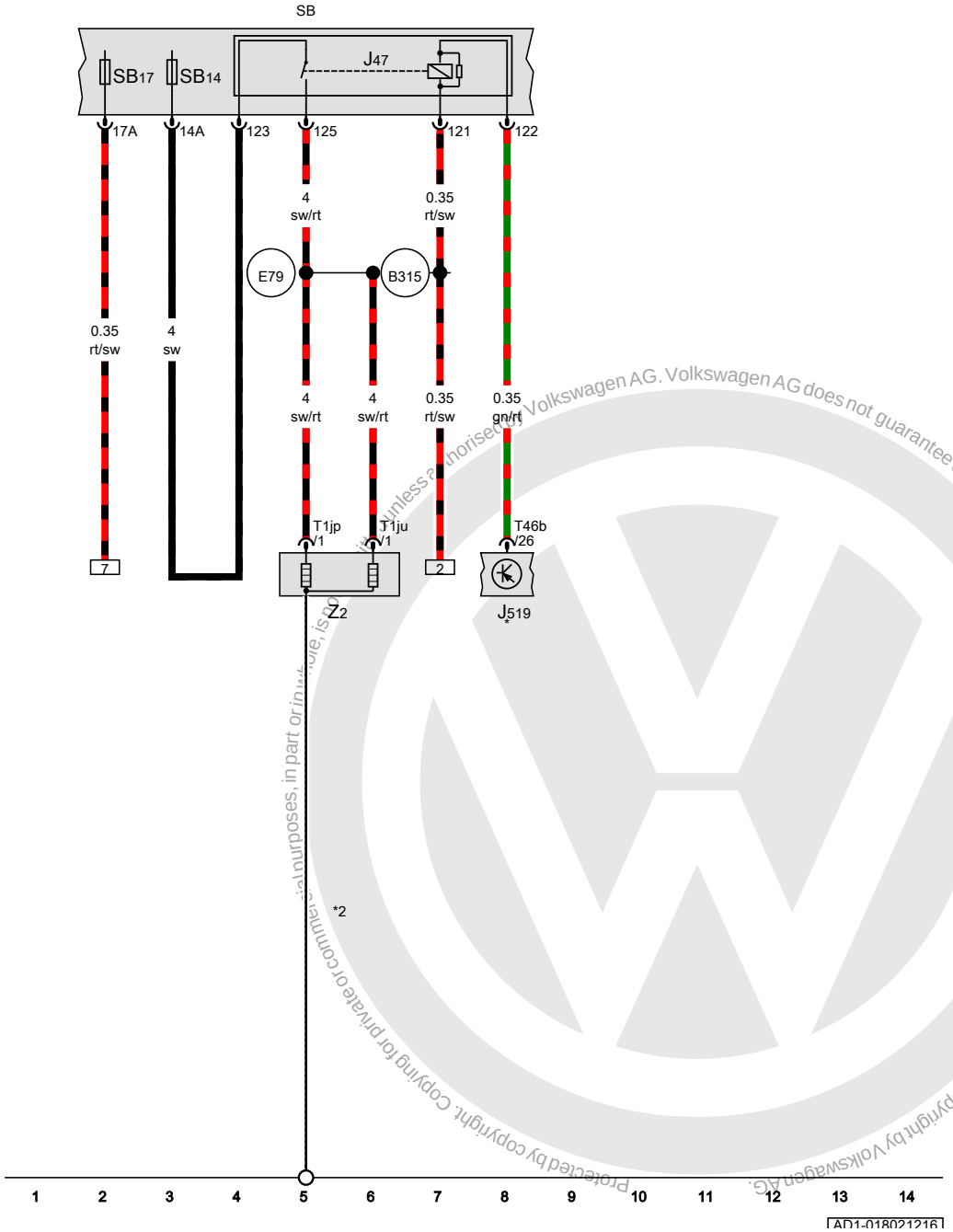
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Heated windscreen , (4GW)

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Heated windscreen relay, Onboard supply control unit, Fuse holder B, Heated windscreen

J47	Heated windscreen relay
J519	Onboard supply control unit
SB	Fuse holder B
SB14	Fuse 14 on fuse holder B
SB17	Fuse 17 on fuse holder B
T1jp	1-pin connector, black
T1ju	1-pin connector, black
T46b	46-pin connector, black
Z2	Heated windscreen
B315	Positive connection 1 (30a) in main wiring harness
E79	Connection 3 (87a) in engine wiring harness
*	Activation via menu in infotainment system
*2	Earth supply via housing

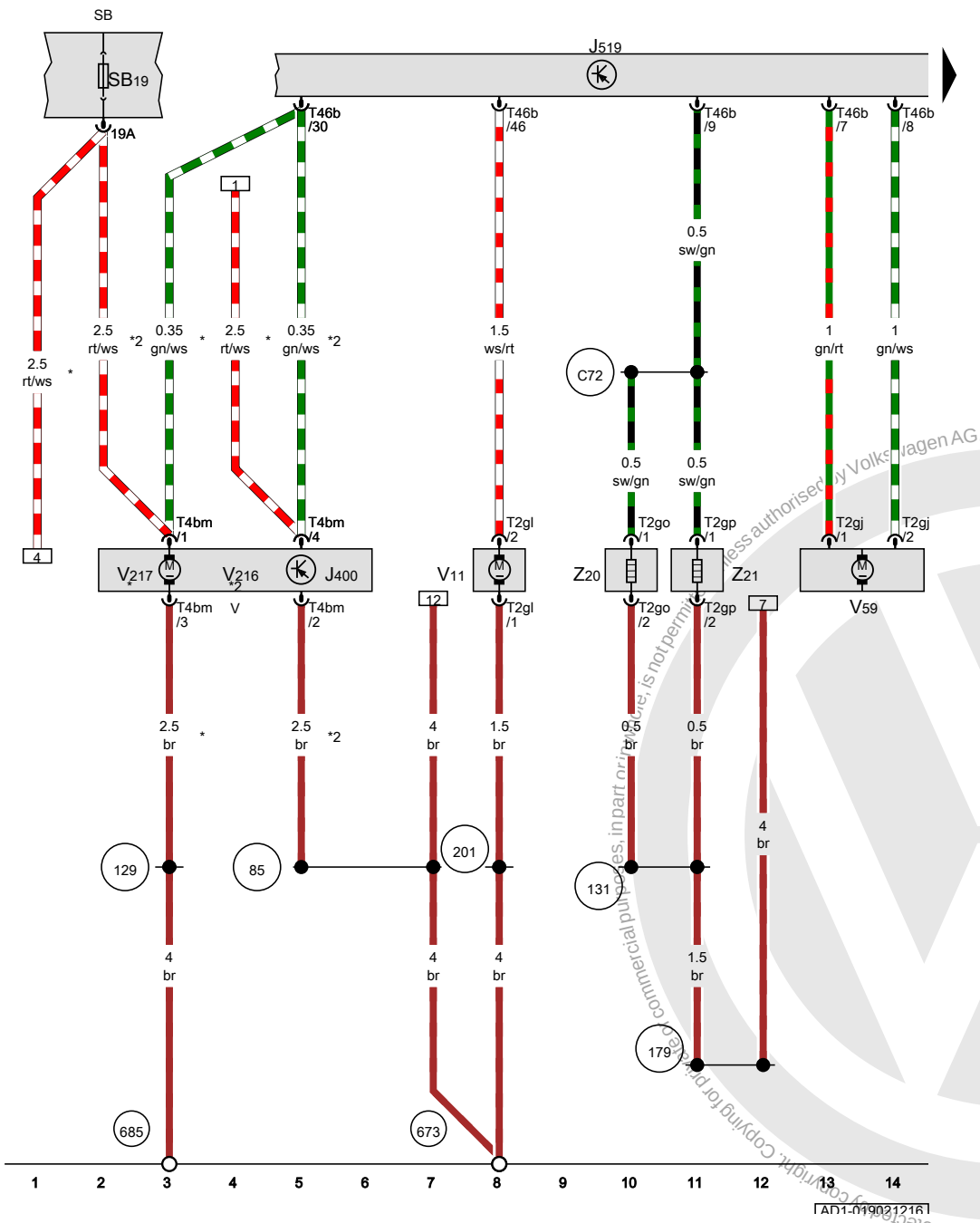
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Window wash/wipe system, headlight washer system , (8X1),(8N4),(8N6),(9T1)

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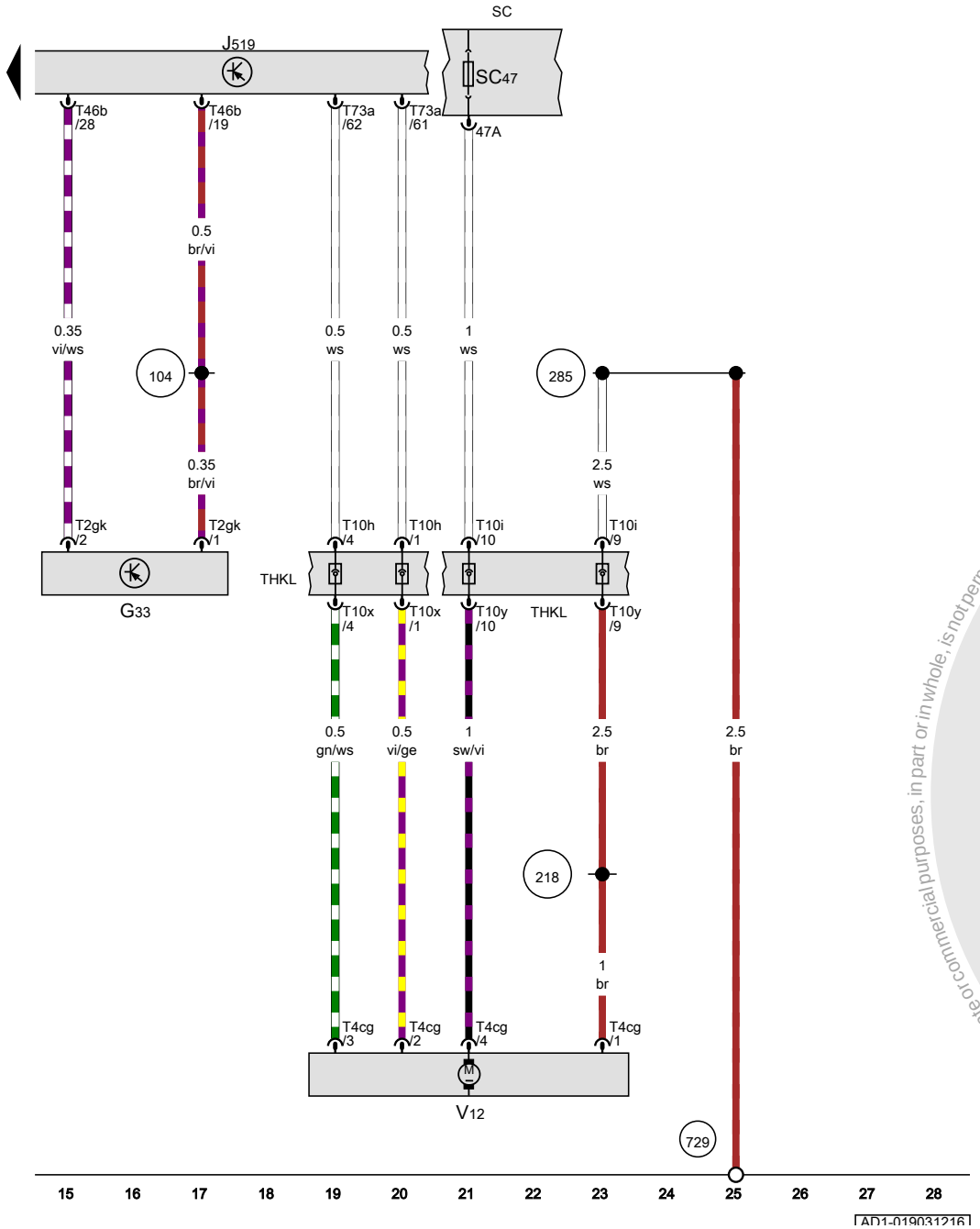


Onboard supply control unit, Windscreen wiper motor, Headlight washer system pump, Windscreen and rear window washer pump

J400	Wiper motor control unit
J519	Onboard supply control unit
SB	Fuse holder B
SB19	Fuse 19 on fuse holder B
T2gj	2-pin connector, black
T2gl	2-pin connector, black
T2go	2-pin connector, black
T2gp	2-pin connector, black
T4bm	4-pin connector, black
T46b	46-pin connector, black
V	Windscreen wiper motor
V11	Headlight washer system pump
V59	Windscreen and rear window washer pump
V216	Driver side windscreen wiper motor
V217	Front passenger side windscreen wiper motor
Z20	Left washer jet heater element
Z21	Right washer jet heater element
85	Earth connection 1, in engine compartment wiring harness
129	Earth connection, in dual tone horn wiring harness
131	Earth connection 2, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
201	Earth connection 5, in engine compartment wiring harness
673	Earth point 3, on front of left longitudinal member
685	Earth point 1, on front of right longitudinal member
C72	Positive connection in heated washer jet wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models

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Windscreen washer fluid level sender, Onboard supply control unit, Rear window wiper motor

G33	Windscreen washer fluid level sender
J519	Onboard supply control unit
SC	Fuse holder C
SC47	Fuse 47 on fuse holder C
T2gk	2-pin connector, black
T4cg	4-pin connector, black
T10h	10-pin connector, black
T10i	10-pin connector, brown
T10x	10-pin connector, black
T10y	10-pin connector, brown
T46b	46-pin connector, black
T73a	73-pin connector, black
THKL	Coupling point on rear lid, left
V12	Rear window wiper motor
104	Earth connection in front right wiring harness - sensor earth -
218	Earth connection 1, in rear lid wiring harness
285	Earth connection 7, in interior wiring harness
729	Earth point, on left rear wheel housing

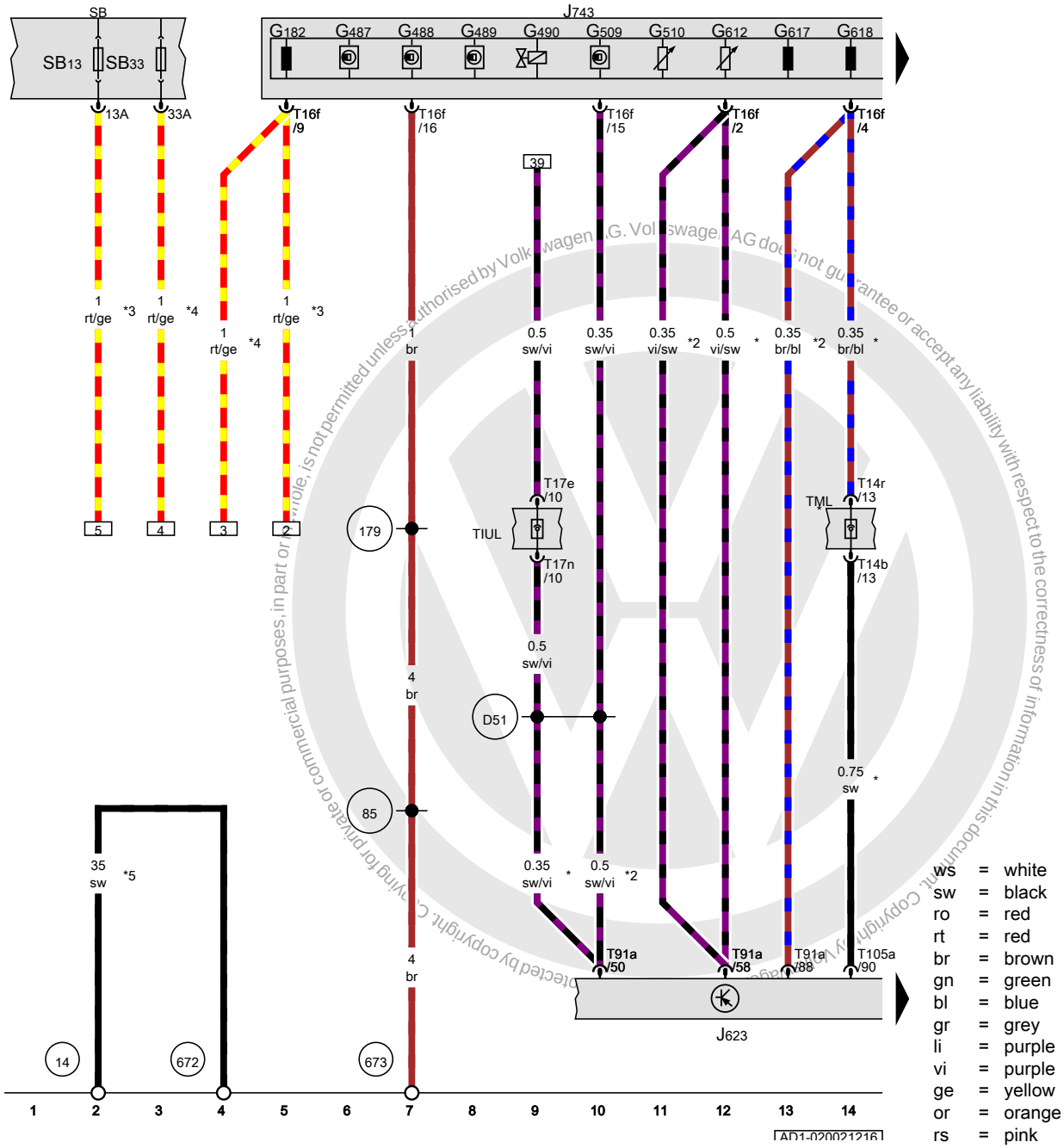
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Dual clutch gearbox 0DL , (0EX)

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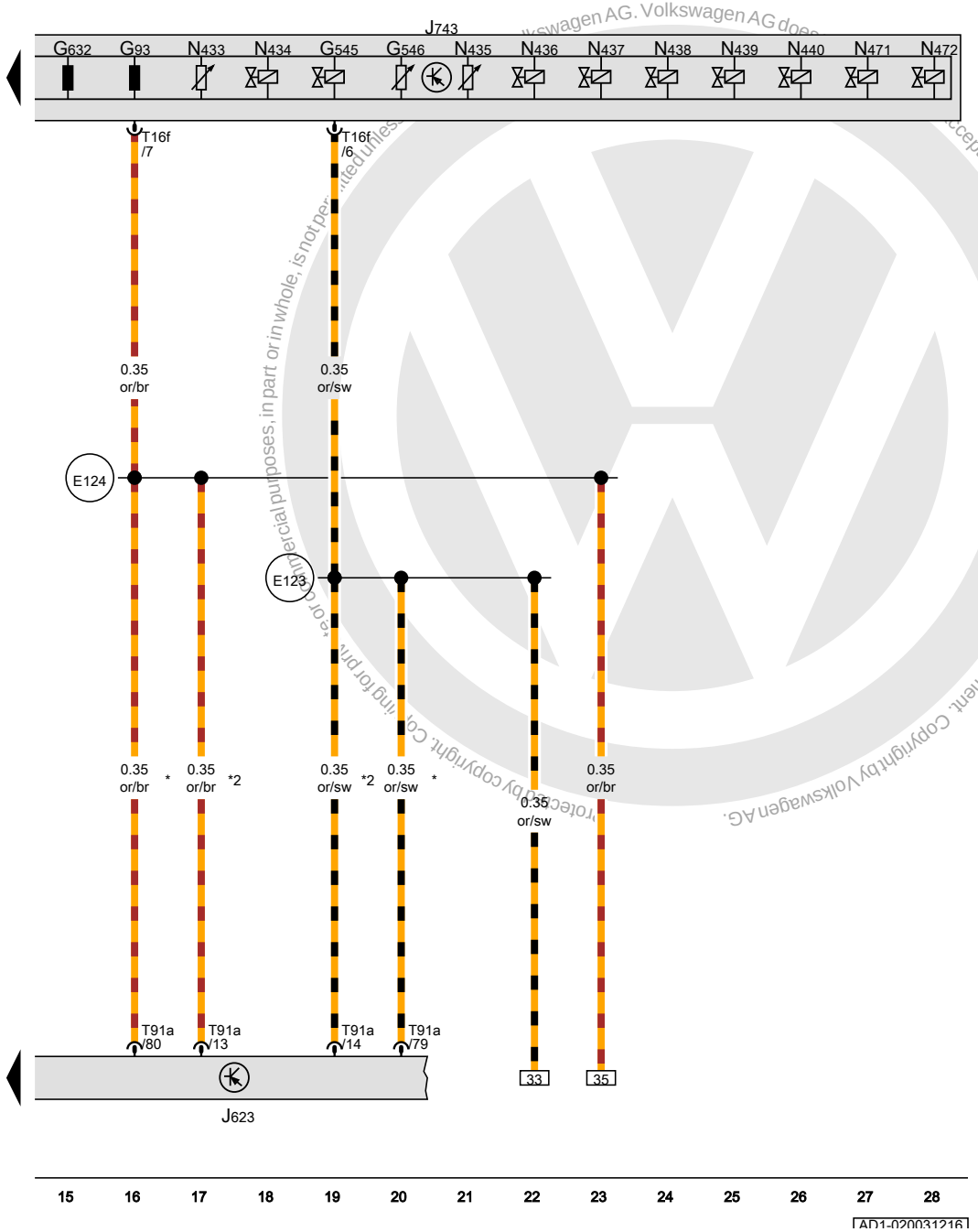


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Engine control unit, Mechatronic unit for dual clutch gearbox, Fuse holder B

G182	Gearbox input speed sender
G487	Gear selector movement sensor 1
G488	Gear selector movement sensor 2
G489	Gear selector movement sensor 3
G490	Gear selector movement sensor 4
G509	Clutch temperature sender
G510	Temperature sender in control unit
G612	Gearbox input speed sender 2
G617	Clutch travel sender 1
G618	Clutch travel sender 2
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
SB	Fuse holder B
SB13	Fuse 13 on fuse holder B
SB33	Fuse 33 on fuse holder B
T14b	14-pin connector, grey
T14r	14-pin connector, grey
T16f	16-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T91a	91-pin connector, black
T105a	105-pin connector, black
TIUL	Coupling point in interior, below left
TML	Coupling point in engine compartment, left
14	Earth point, on gearbox
85	Earth connection 1, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
672	Earth point 2, on front of left longitudinal member
673	Earth point 3, on front of left longitudinal member
D51	Positive connection 1 (15), in engine compartment wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine
*3	Only models with battery in engine compartment
*4	Only models with battery in luggage compartment
*5	Cross section depends on equipment

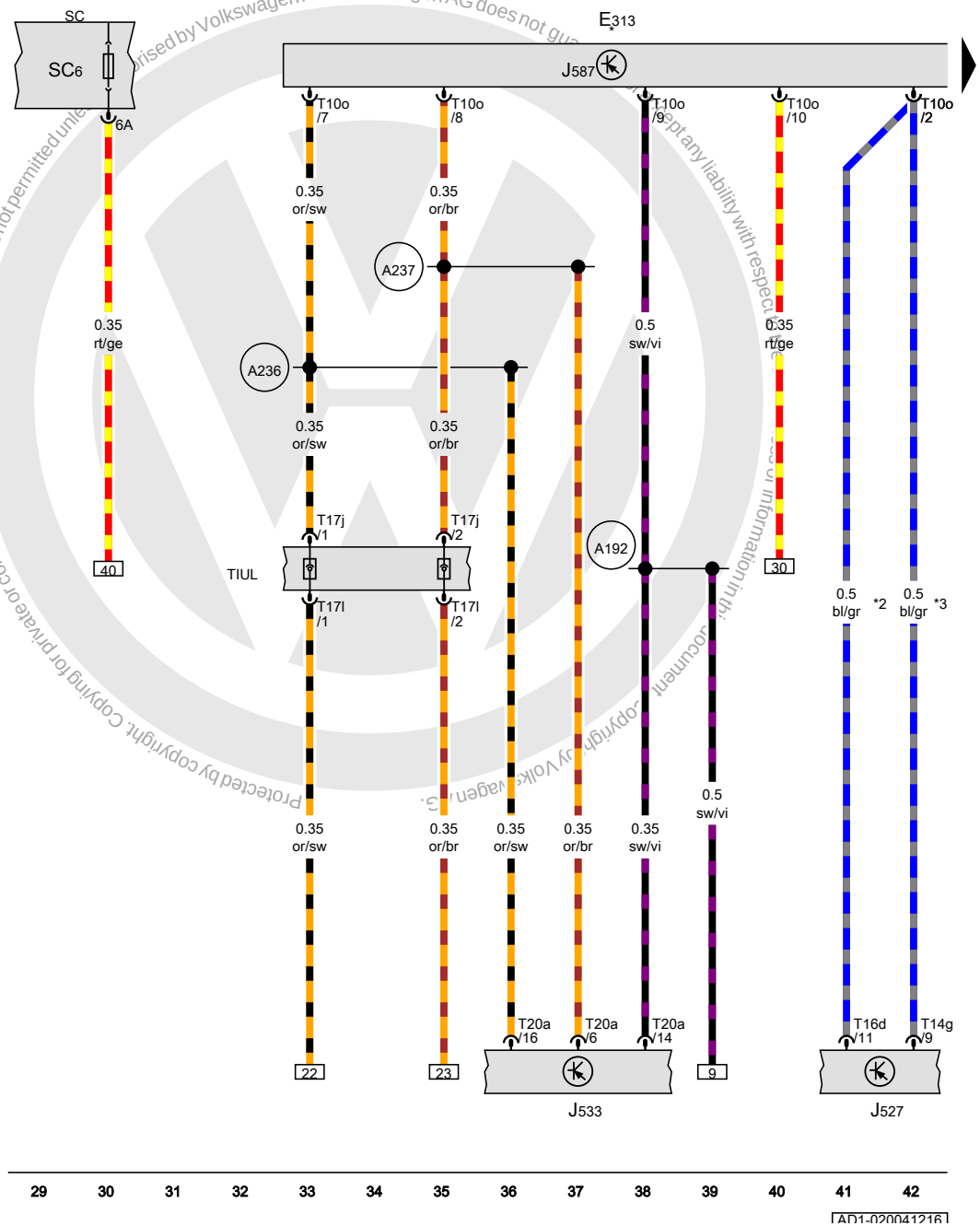


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Engine control unit, Mechatronic unit for dual clutch gearbox

G93	Gearbox oil temperature sender
G545	Hydraulic pressure sender 1
G546	Hydraulic pressure sender 2
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
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
N471	Cooling oil valve
N472	Main pressure valve
T16f	16-pin connector, black
T91a	91-pin connector, black
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine

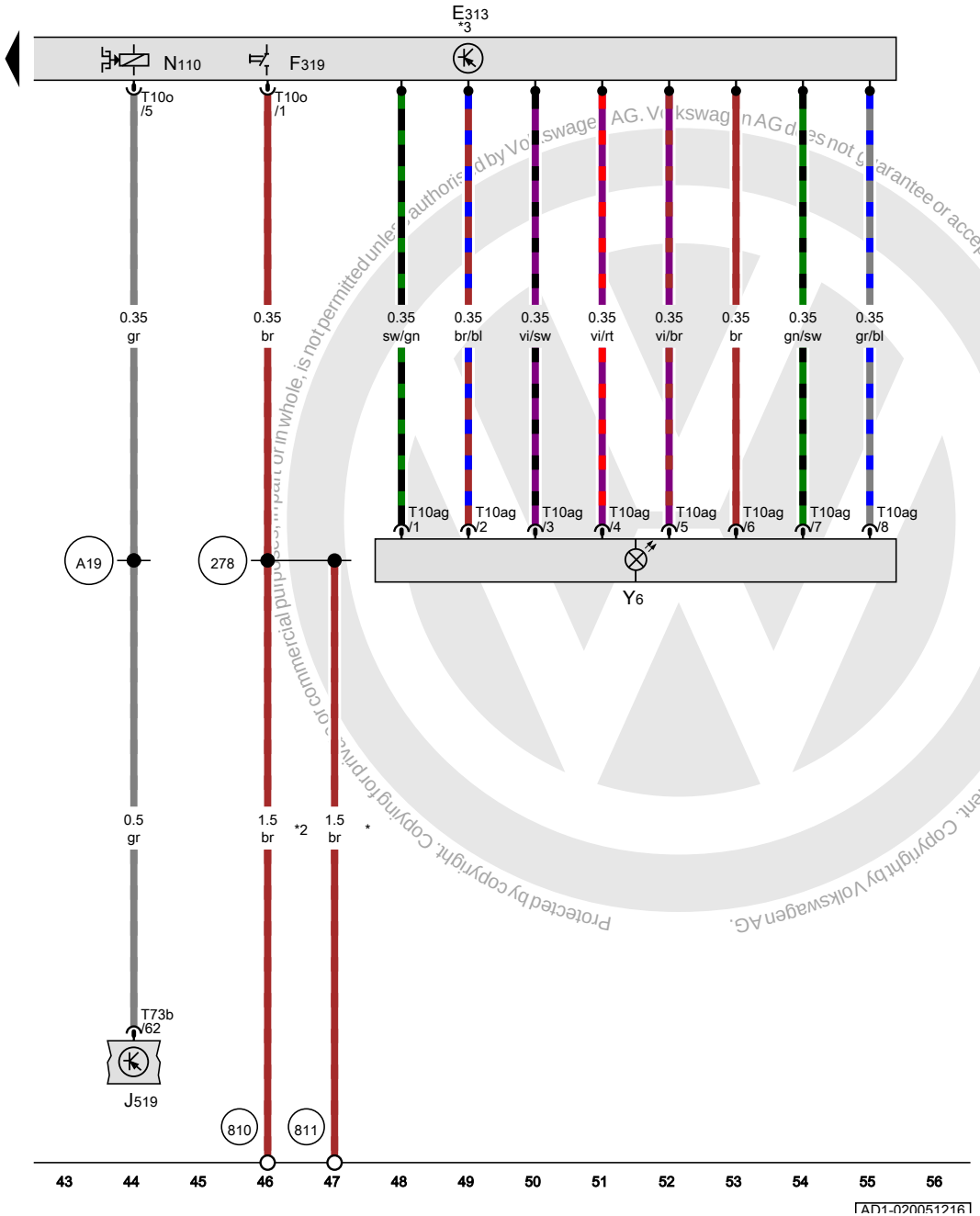
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Selector lever, Steering column electronics control unit, Data bus diagnostic interface, Fuse holder C

E313	Selector lever
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
J587	Selector lever sensors control unit
SC	Fuse holder C
SC6	Fuse 6 on fuse holder C
T10o	10-pin connector, black
T14g	14-pin connector, black
T16d	16-pin connector, black
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T20a	20-pin connector, red
TIUL	Coupling point in interior, below left
A192	Positive connection 3 (15a) in dash panel wiring harness
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
*	Pre-wired component
*2	Only models with no heated steering wheel
*3	Only models with heated steering wheel



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Selector lever, Onboard supply control unit, Selector lever position display

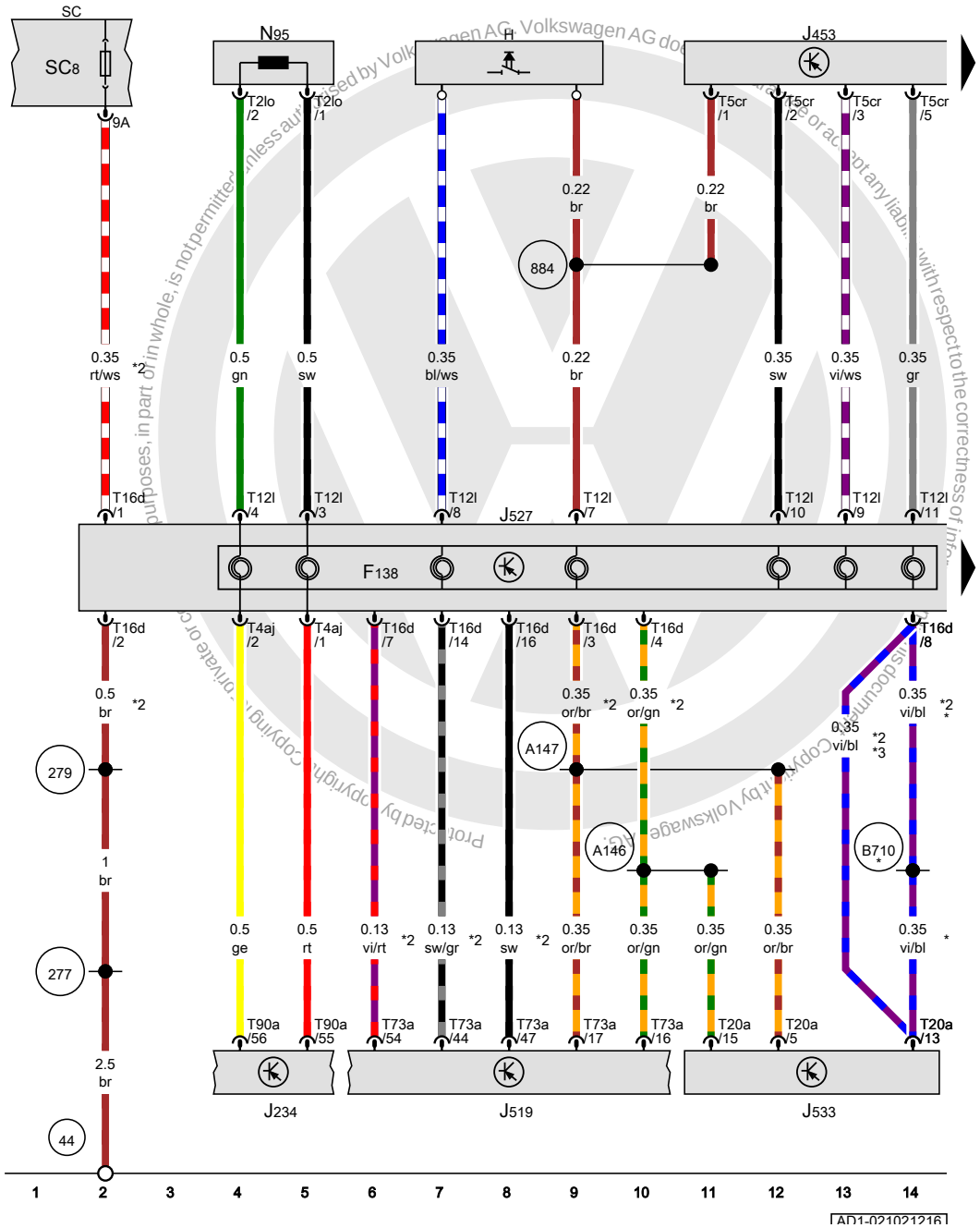
E313	Selector lever
F319	Selector lever locked in position P switch
J519	Onboard supply control unit
N110	Selector lever lock solenoid
T10ag	10-pin connector, black
T10o	10-pin connector, black
T73b	73-pin connector, black
Y6	Selector lever position display
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A19	Connection (58d), in dash panel wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models
*3	Pre-wired component

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Multifunction steering wheel , (1XX),(2PK),(2PU),(2ZD),(2ZH),(2ZW)

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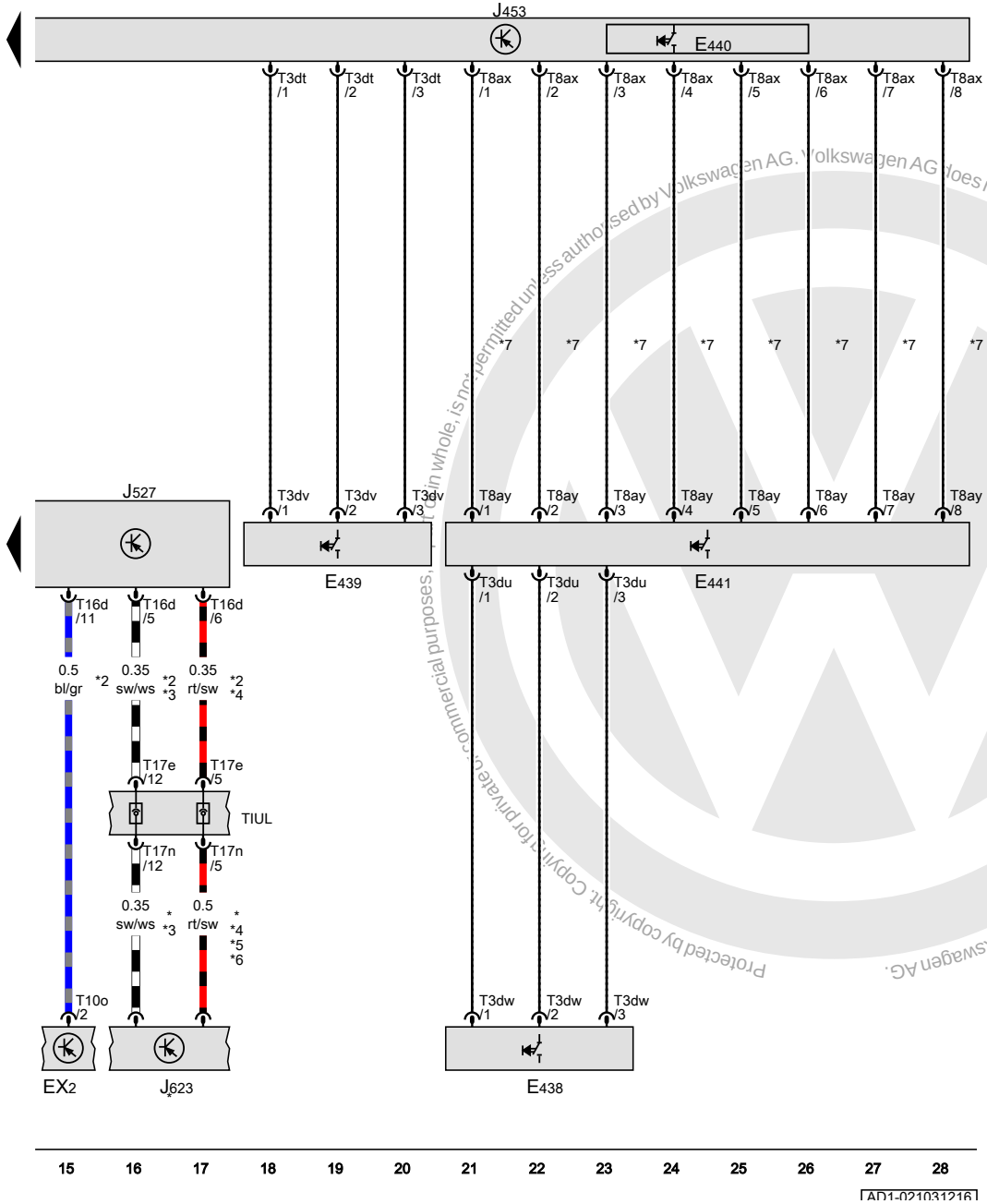
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Horn plate, Airbag control unit, Multifunction steering wheel control unit, Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface, Driver side airbag igniter, Fuse holder C

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
J533	Data bus diagnostic interface
N95	Driver side airbag igniter
SC	Fuse holder C
SC8	Fuse 8 on fuse holder C
T2lo	2-pin connector, black
T4aj	4-pin connector, yellow
T5cr	5-pin connector, black
T12l	12-pin connector, yellow
T16d	16-pin connector, black
T20a	20-pin connector, red
T73a	73-pin connector, black
T90a	90-pin connector, yellow
44	Earth point, lower part of left A-pillar
277	Earth connection 3, in interior wiring harness
279	Earth connection 5, in interior wiring harness
884	Earth connection 1 in steering wheel wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
*	Only models with all-wheel drive
*2	Only models with no heated steering wheel
*3	Only models with front-wheel drive



Selector mechanism, Tiptronic switch in steering wheel to shift up, Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Multifunction steering wheel control unit, Steering column electronics control unit, Engine control unit

EX2	Selector mechanism
E438	Tiptronic switch in steering wheel to shift up
E439	Tiptronic switch in steering wheel to shift down
E440	Multifunction buttons on left in steering wheel
E441	Multifunction buttons on right in steering wheel
J453	Multifunction steering wheel control unit
J527	Steering column electronics control unit
J623	Engine control unit
T3dt	3-pin connector, black
T3du	3-pin connector, black
T3dv	3-pin connector, black
T3dw	3-pin connector, black
T8ax	8-pin connector, black
T8ay	8-pin connector, black
T10o	10-pin connector, black
T16d	16-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
TIUL	Coupling point in interior, below left
*	see applicable current flow diagram for engine
*2	Only models with no heated steering wheel
*3	Only models with cruise control system
*4	Only models with no entry and start authorisation
*5	Wiring colour depends on equipment
*6	Cross section depends on equipment
*7	Adapter wire

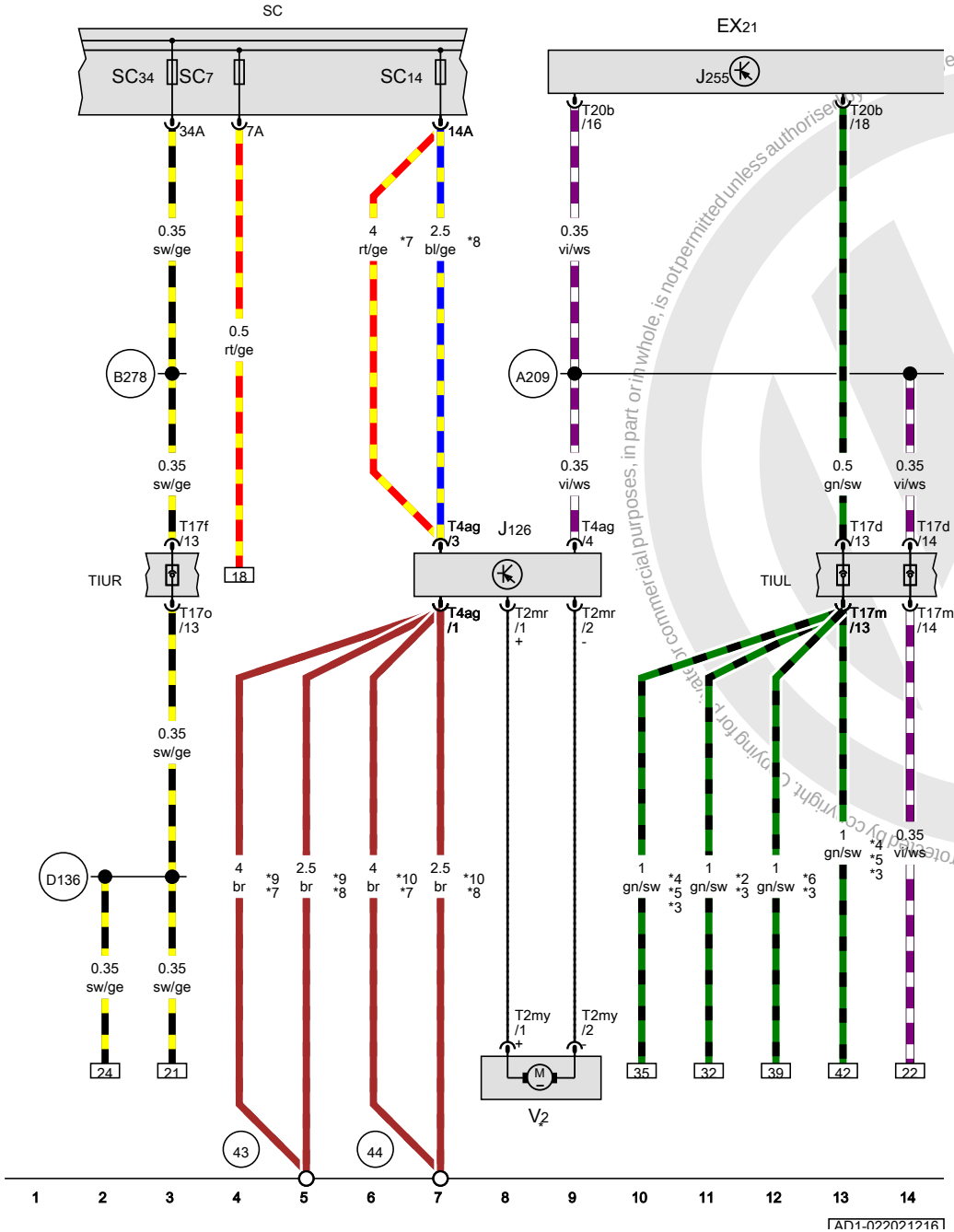
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Climatronic , (KH7)

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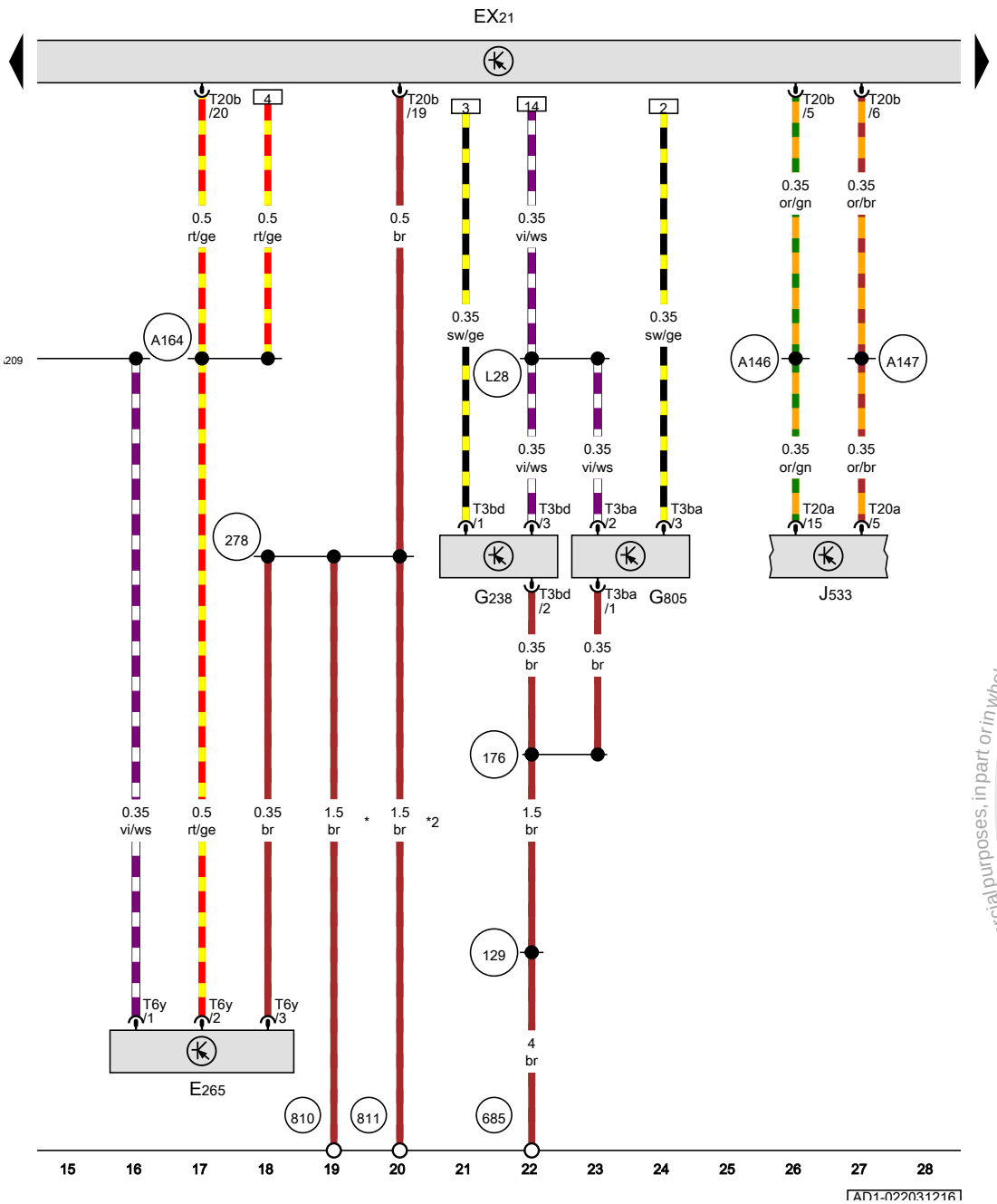


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Heater and air conditioning controls, Fresh air blower control unit, Climatronic control unit, Fresh air blower

EX21	Heater and air conditioning controls
J126	Fresh air blower control unit
J255	Climatronic control unit
SC	Fuse holder C
SC7	Fuse 7 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC34	Fuse 34 on fuse holder C
T2mr	2-pin connector, black
T2my	2-pin connector, black
T4ag	4-pin connector, black
T17d	17-pin connector, red
T17f	17-pin connector, black
T17m	17-pin connector, red
T17o	17-pin connector, black
T20b	20-pin connector, black
TIUL	Coupling point in interior, below left
TIUR	Coupling point in interior, below right
V2	Fresh air blower
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
A209	Connection 1 (LIN bus) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
*	Pre-wired component
*2	Only models with 1.4l engine
*3	Cross section depends on equipment
*4	Only models with 2.0l engine
*5	According to equipment
*6	Only models with diesel engine
*7	From November 2016
*8	Up to November 2016
*9	Only left-hand drive models
*10	Only right-hand drive models

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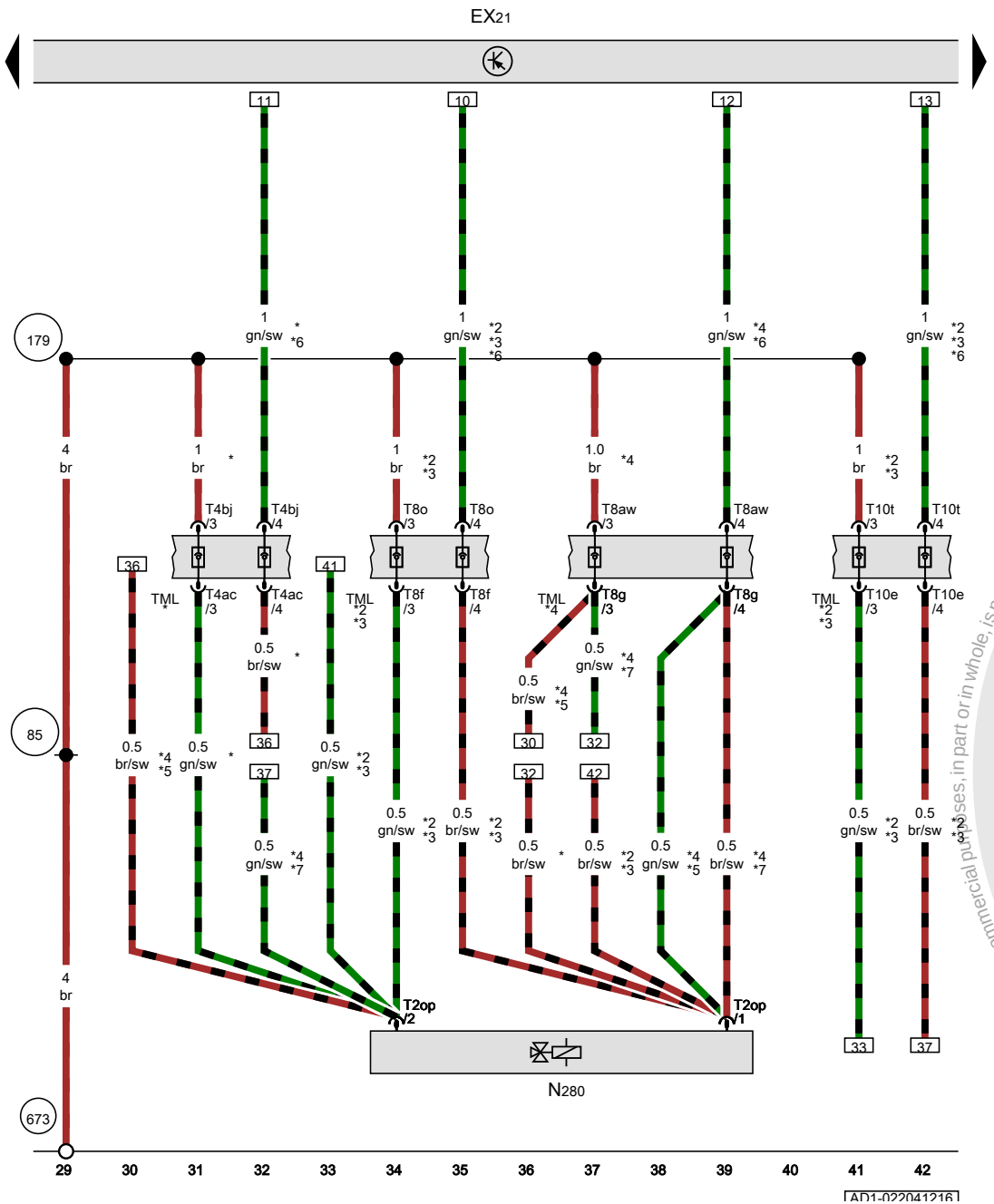


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or = orange
rs = pink

Heater and air conditioning controls, Operating and display unit for rear air conditioning system, Air quality sensor, Pressure sender for refrigerant circuit, Data bus diagnostic interface

EX21	Heater and air conditioning controls
E265	Operating and display unit for rear air conditioning system
G238	Air quality sensor
G805	Pressure sender for refrigerant circuit
J533	Data bus diagnostic interface
T3ba	3-pin connector, black
T3bd	3-pin connector, grey
T6y	6-pin connector, black
T20a	20-pin connector, red
T20b	20-pin connector, black
129	Earth connection, in dual tone horn wiring harness
176	Earth connection, in right headlight wiring harness
278	Earth connection 4, in interior wiring harness
685	Earth point 1, on front of right longitudinal member
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
A164	Positive connection 2 (30a) in dash panel wiring harness
A209	Connection 1 (LIN bus) in dash panel wiring harness
L28	Connection, in engine compartment wiring harness, Climatronic
*	Only left-hand drive models
*2	Only right-hand drive models

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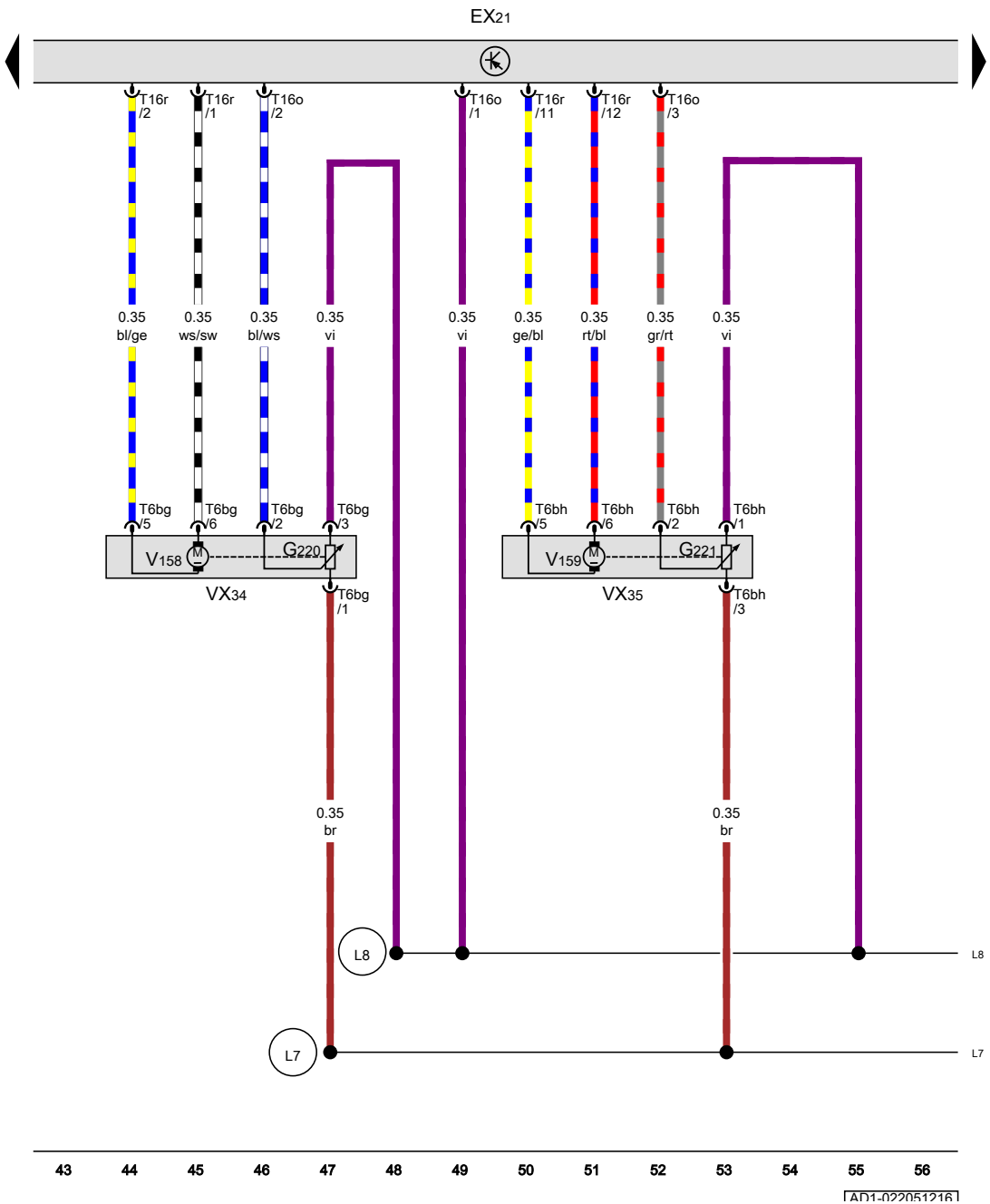


Heater and air conditioning controls, Air conditioner compressor regulating valve

EX21	Heater and air conditioning controls
N280	Air conditioner compressor regulating valve
T2op	2-pin connector, black
T4ac	4-pin connector, black
T4bj	4-pin connector, black
T8aw	8-pin connector, black
T8f	8-pin connector, black
T8g	8-pin connector, black
T8o	8-pin connector, black
T10e	10-pin connector, black
T10t	10-pin connector, black
TML	Coupling point in engine compartment, left
85	Earth connection 1, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
673	Earth point 3, on front of left longitudinal member
*	Only models with 1.4l engine
*2	Only models with 2.0l engine
*3	According to equipment
*4	Only models with diesel engine
*5	From May 2016
*6	Cross section depends on equipment
*7	Up to May 2016

ws	=	white
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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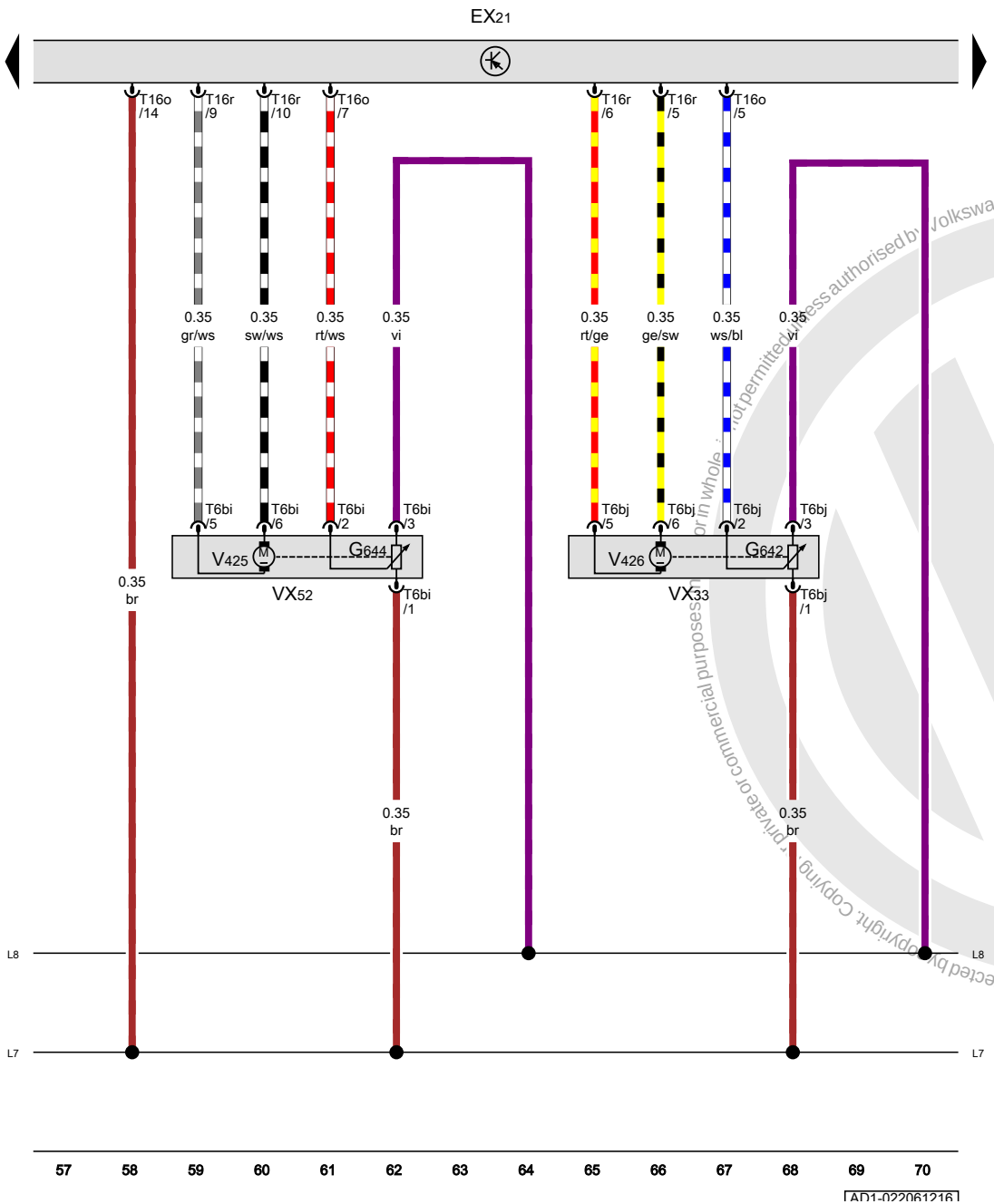


Heater and air conditioning controls, Potentiometer for left temperature flap control motor, Potentiometer for right temperature flap control motor, Front left temperature flap, Front right temperature flap, Left temperature flap control motor, Right temperature flap control motor

EX21	Heater and air conditioning controls
G220	Potentiometer for left temperature flap control motor
G221	Potentiometer for right temperature flap control motor
T6bg	6-pin connector, blue
T6bh	6-pin connector, blue
T16o	16-pin connector, black
T16r	16-pin connector, black
VX34	Front left temperature flap
VX35	Front right temperature flap
V158	Left temperature flap control motor
V159	Right temperature flap control motor
L7	Connection 3, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit 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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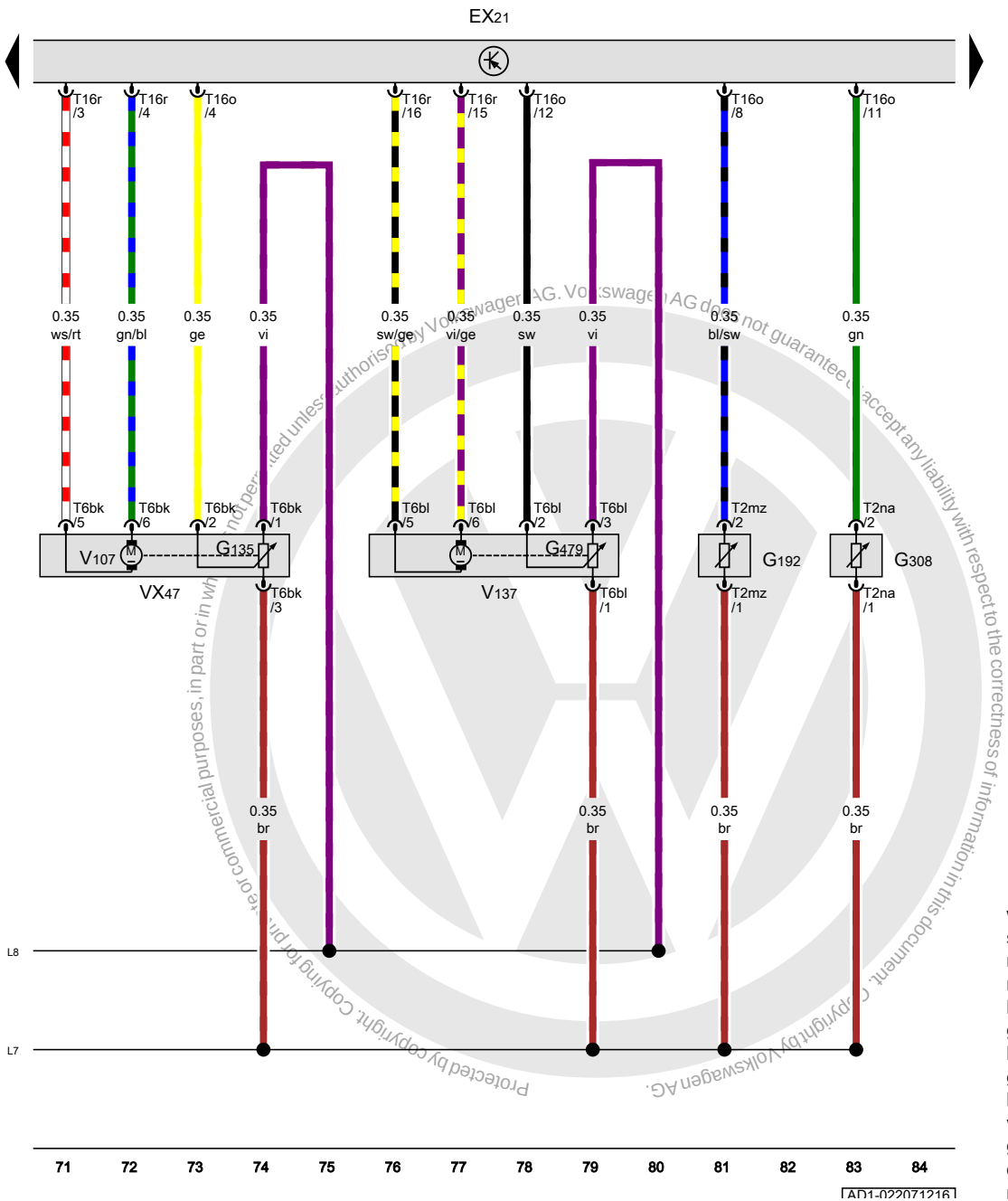


Heater and air conditioning controls, Potentiometer for front air distribution flap control motor, Potentiometer for fresh air/ air recirculation, air flow flap control motor, Air distribution flap, Air recirculation flap, Fresh air/air recirculation, air flow flap control motor, Front air distribution flap control motor

EX21	Heater and air conditioning controls
G642	Potentiometer for front air distribution flap control motor
G644	Potentiometer for fresh air/air recirculation, air flow flap control motor
T6bi	6-pin connector, blue
T6bj	6-pin connector, blue
T16o	16-pin connector, black
T16r	16-pin connector, black
VX33	Air distribution flap
VX52	Air recirculation flap
V425	Fresh air/air recirculation, air flow 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

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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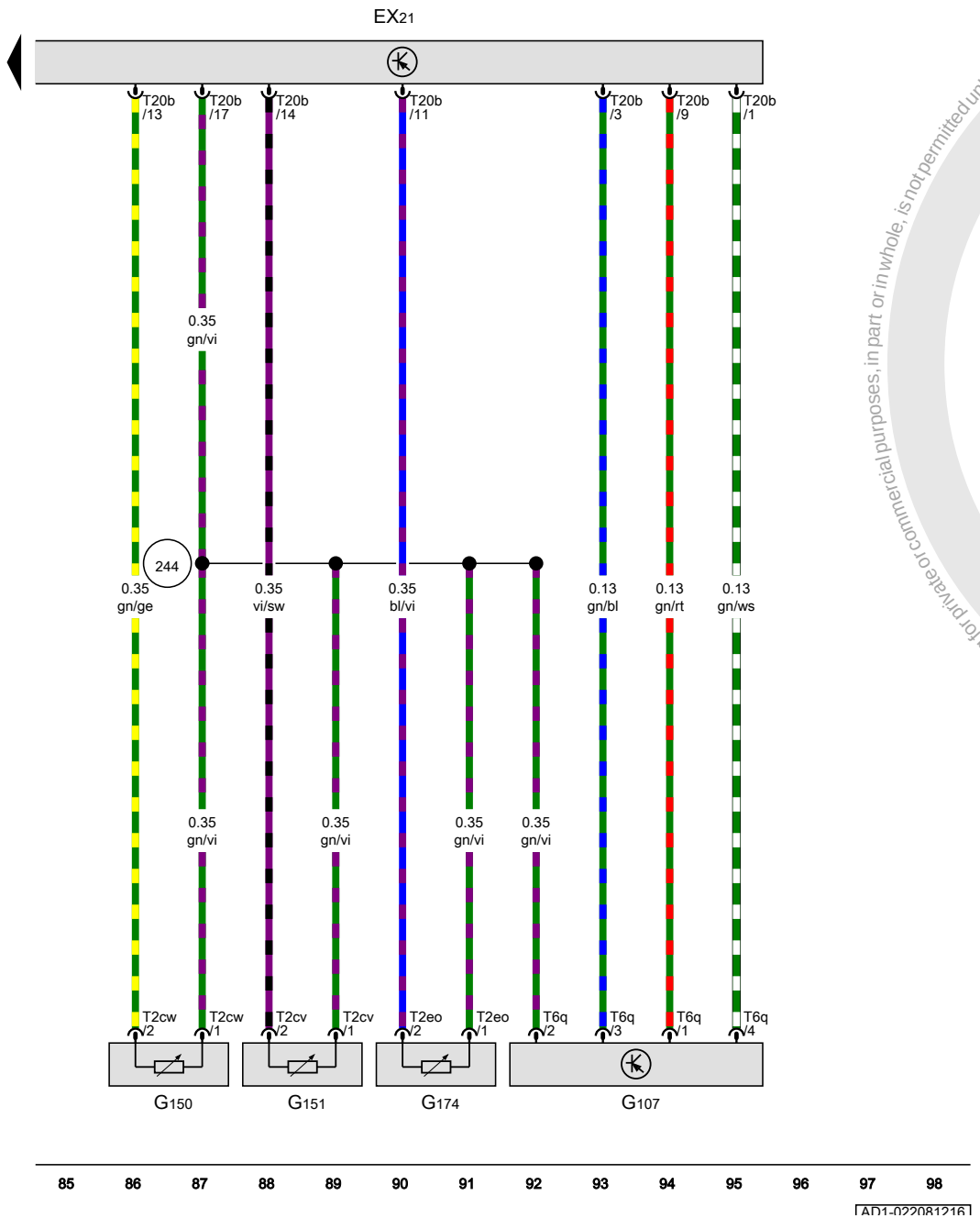


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sw = black
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rt = red
br = brown
gn = green
bl = blue
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li = purple
vi = purple
ge = yellow
or = orange
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Heater and air conditioning controls, Potentiometer for defroster flap control motor, Footwell vent temperature sender, Evaporator temperature sensor, Potentiometer for rear temperature flap motor, Defroster flap, Defroster flap control motor, Rear temperature flap control motor

EX21	Heater and air conditioning controls
G135	Potentiometer for defroster flap control motor
G192	Footwell vent temperature sender
G308	Evaporator temperature sensor
G479	Potentiometer for rear temperature flap motor
T2mz	2-pin connector, black
T2na	2-pin connector, black
T6bk	6-pin connector, blue
T6bl	6-pin connector, blue
T16o	16-pin connector, black
T16r	16-pin connector, black
VX47	Defroster flap
V107	Defroster flap control motor
V137	Rear temperature 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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Heater and air conditioning controls, Sunlight penetration photosensor, Left vent temperature sender, Right vent temperature sender, Rear vent temperature sender

EX21	Heater and air conditioning controls
G107	Sunlight penetration photosensor
G150	Left vent temperature sender
G151	Right vent temperature sender
G174	Rear vent temperature sender
T2cv	2-pin connector, black
T2cw	2-pin connector, black
T2eo	2-pin connector, black
T6q	6-pin connector, brown
T20b	20-pin connector, black
244	Earth connection (sender earth), in Climatronic wiring harness

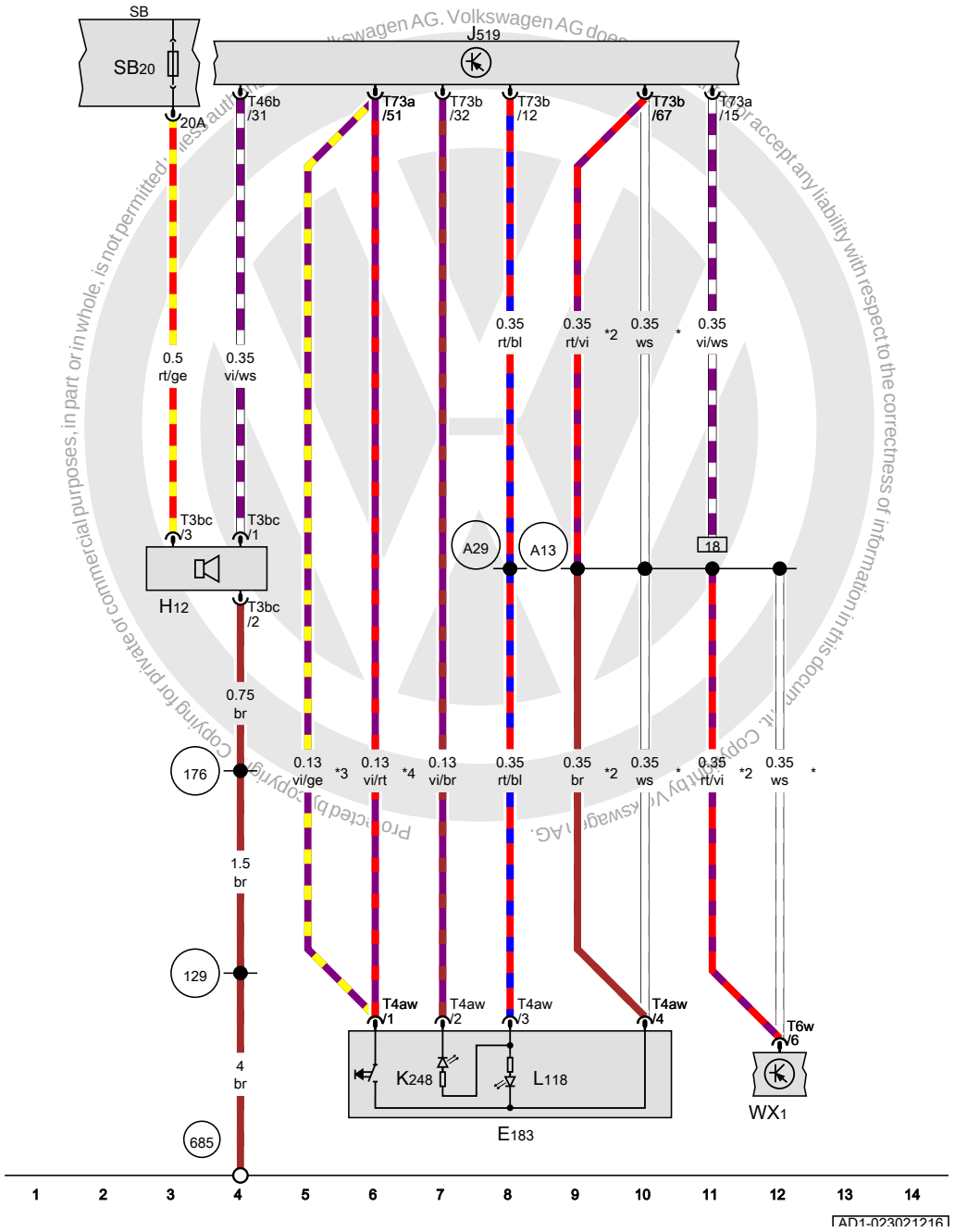
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Anti-theft alarm system , (7AS)

From January 2016

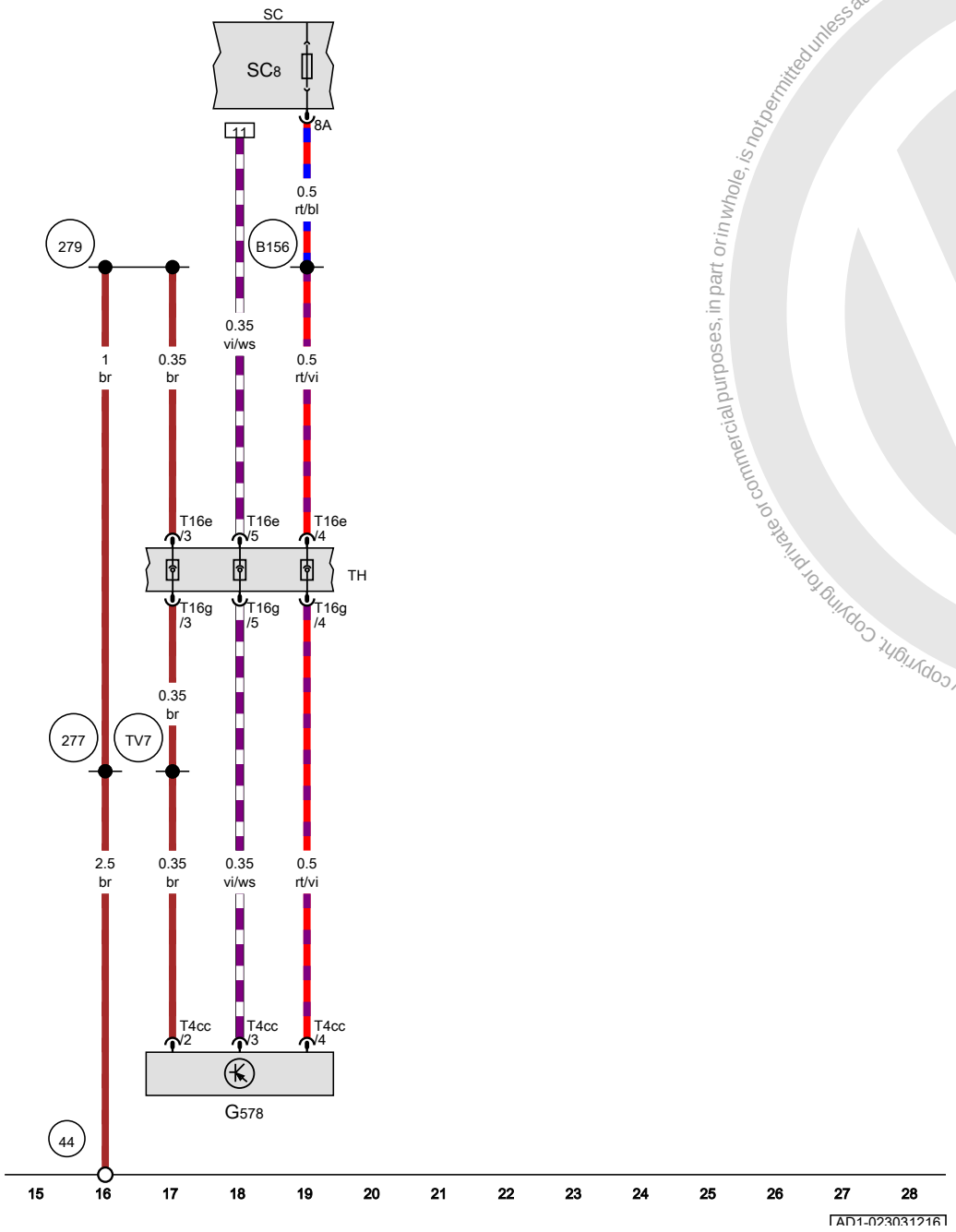
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Interior monitoring switch, Alarm horn, Onboard supply control unit, Fuse holder B, Front interior light

E183	Interior monitoring switch
H12	Alarm horn
J519	Onboard supply control unit
K248	Warning lamp for deactivation of interior monitoring and vehicle inclination
L118	Deactivation of interior monitoring system switch illumination bulb
SB	Fuse holder B
SB20	Fuse 20 on fuse holder B
T3bc	3-pin connector, black
T4aw	4-pin connector, black
T6w	6-pin connector, blue
T46b	46-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, black
WX1	Front interior light
129	Earth connection, in dual tone horn wiring harness
176	Earth connection, in right headlight wiring harness
685	Earth point 1, on front of right longitudinal member
A13	Connection (door contact switch), in dash panel wiring harness
A29	Connection (interior light), in dash panel wiring harness
*	From May 2016
*2	Up to May 2016
*3	From November 2016
*4	Up to November 2016

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



Anti-theft alarm sensor, Fuse holder C

G578	Anti-theft alarm sensor
SC	Fuse holder C
SC8	Fuse 8 on fuse holder C
T4cc	4-pin connector, blue
T16e	16-pin connector, brown
T16g	16-pin connector, brown
TH	Coupling point for roof
44	Earth point, lower part of left A-pillar
277	Earth connection 3, in interior wiring harness
279	Earth connection 5, in interior wiring harness
B156	Positive connection (30a), in interior wiring harness
TV7	Terminal 31 wiring junction

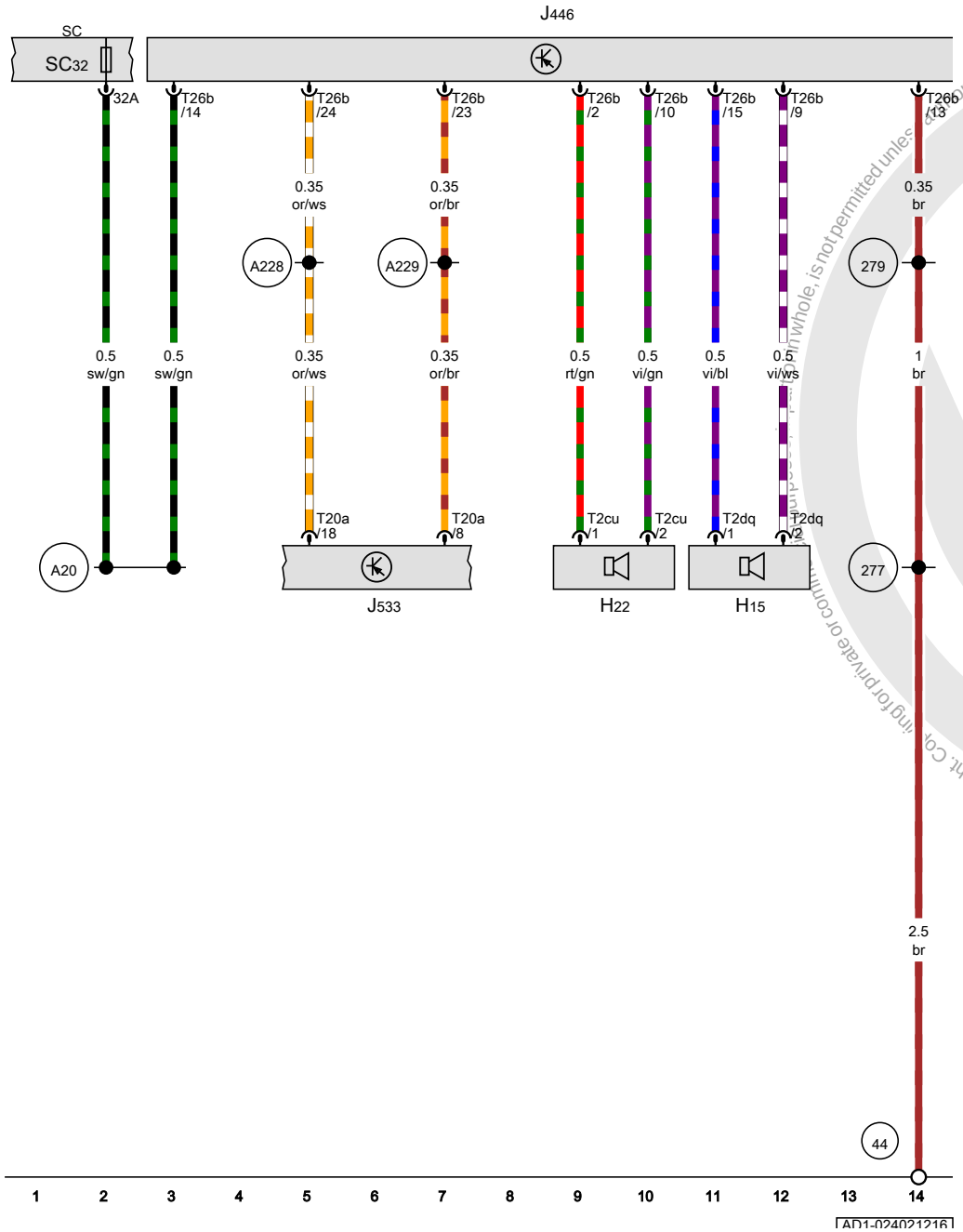
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Parking aid (PDC) , (7X2),(7X5),(8A8),(8A9)

From January 2016

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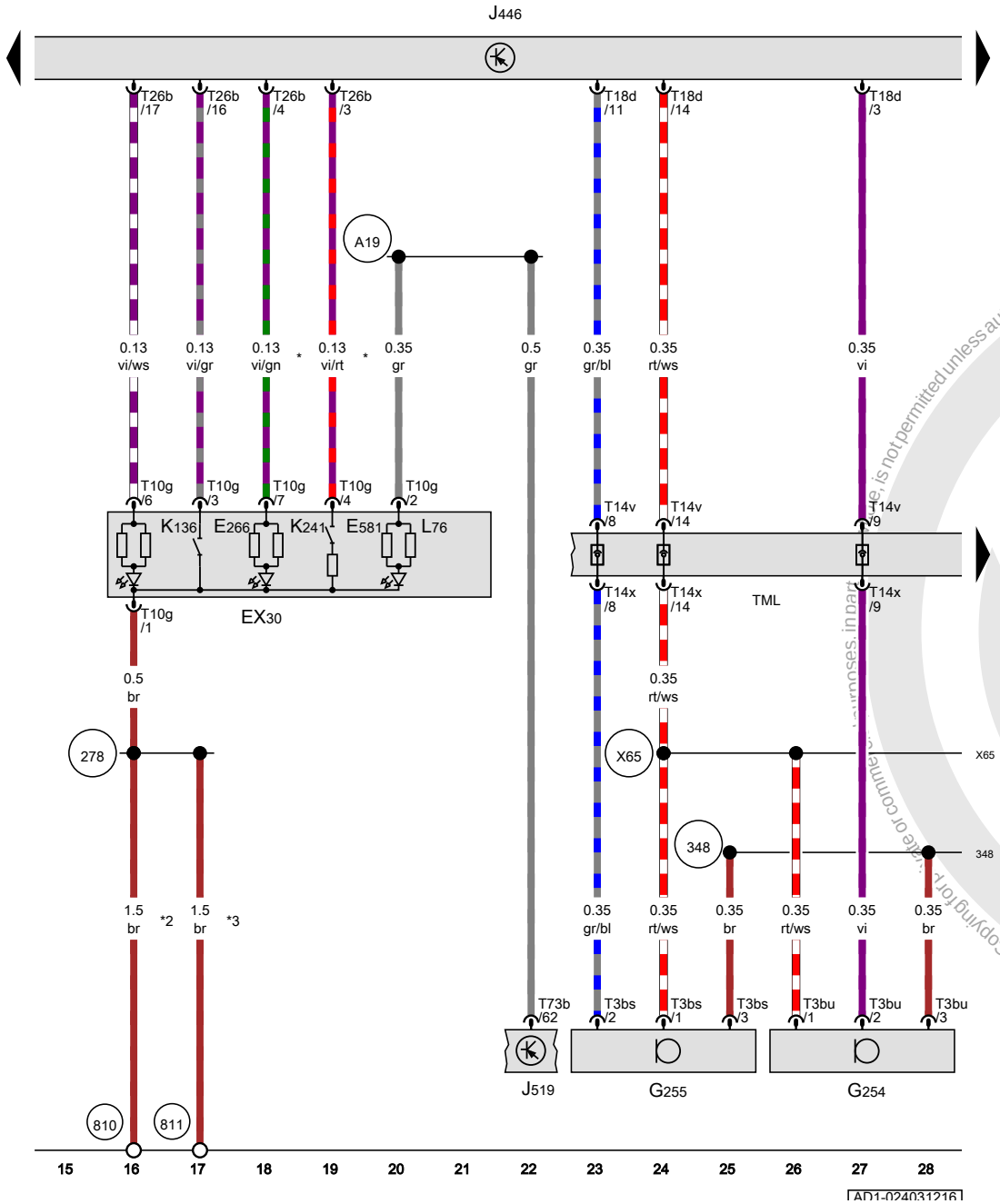


Rear parking aid warning buzzer, Front parking aid warning buzzer, Parking aid control unit, Data bus diagnostic interface, Fuse holder C

H15	Rear parking aid warning buzzer
H22	Front parking aid warning buzzer
J446	Parking aid control unit
J533	Data bus diagnostic interface
SC	Fuse holder C
SC32	Fuse 32 on fuse holder C
T2cu	2-pin connector, black
T2dq	2-pin connector, black
T20a	20-pin connector, red
T26b	26-pin connector, black
44	Earth point, lower part of left A-pillar
277	Earth connection 3, in interior wiring harness
279	Earth connection 5, in interior wiring harness
A20	Positive connection (15a), in dash panel wiring harness
A228	Connection 1 (running gear/dash panel insert CAN bus, high), in dash panel wiring harness
A229	Connection 1 (running gear/dash panel insert CAN bus, low), 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
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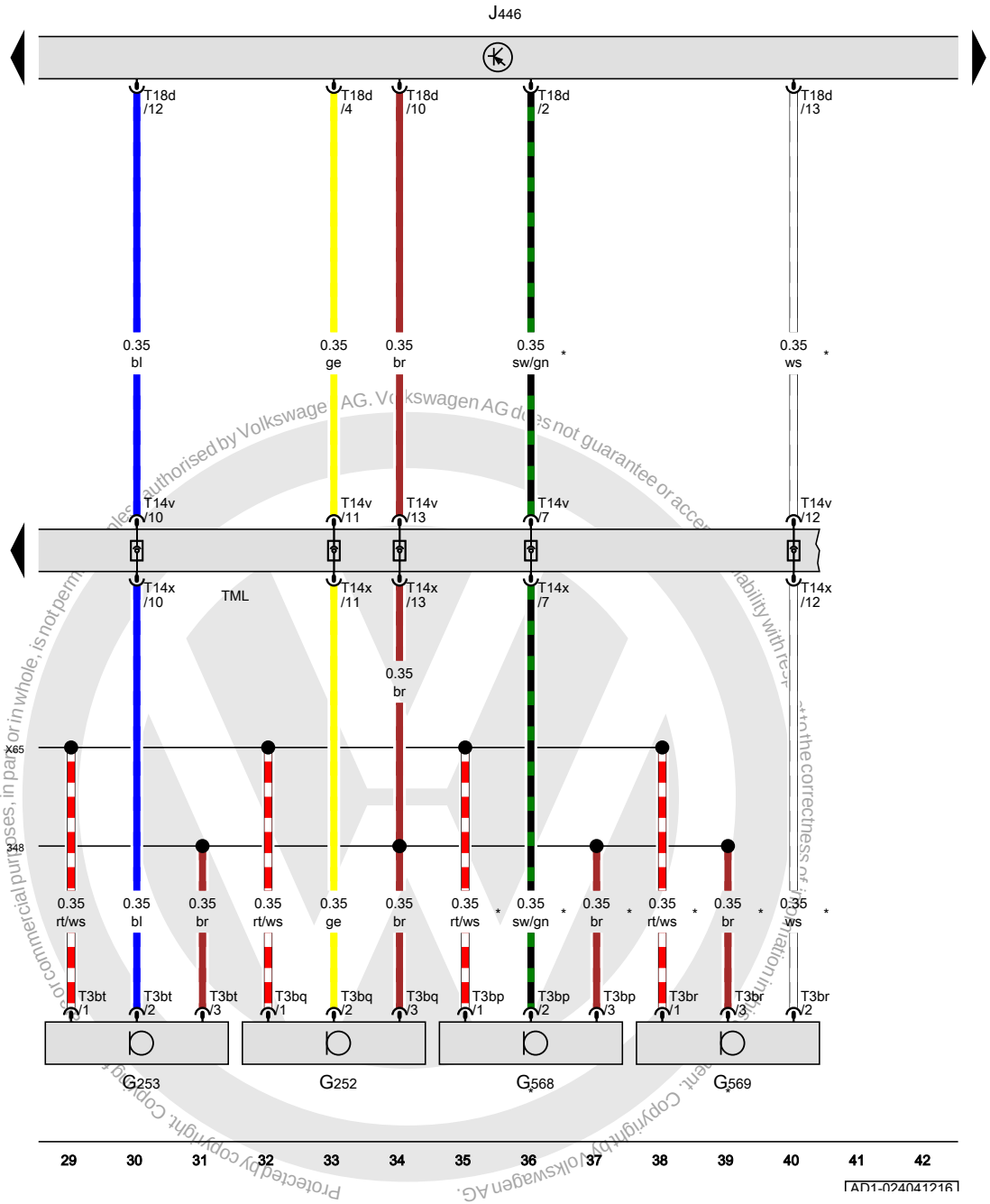


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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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vi = purple
ge = yellow
or = orange
rs = pink

Switch module 2 in centre console, Parking aid button, Park assist steering button, Parking aid control unit, Onboard supply control unit, Parking aid warning lamp, Warning light for park assist steering, Button illumination bulb

EX30	Switch module 2 in centre console
E266	Parking aid button
E581	Park assist steering button
G254	Front centre left parking aid sender
G255	Front left parking aid sender
J446	Parking aid control unit
J519	Onboard supply control unit
K136	Parking aid warning lamp
K241	Warning light for park assist steering
L76	Button illumination bulb
T3bs	3-pin connector, black
T3bu	3-pin connector, black
T10g	10-pin connector, red
T14v	14-pin connector, black
T14x	14-pin connector, black
T18d	18-pin connector, black
T26b	26-pin connector, black
T73b	73-pin connector, black
TML	Coupling point in engine compartment, left
278	Earth connection 4, in interior wiring harness
348	Earth connection (parking aid), in front bumper wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A19	Connection (58d), in dash panel wiring harness
X65	Connection (parking aid), in front bumper wiring harness
*	According to equipment
*2	Only left-hand drive models
*3	Only right-hand drive models

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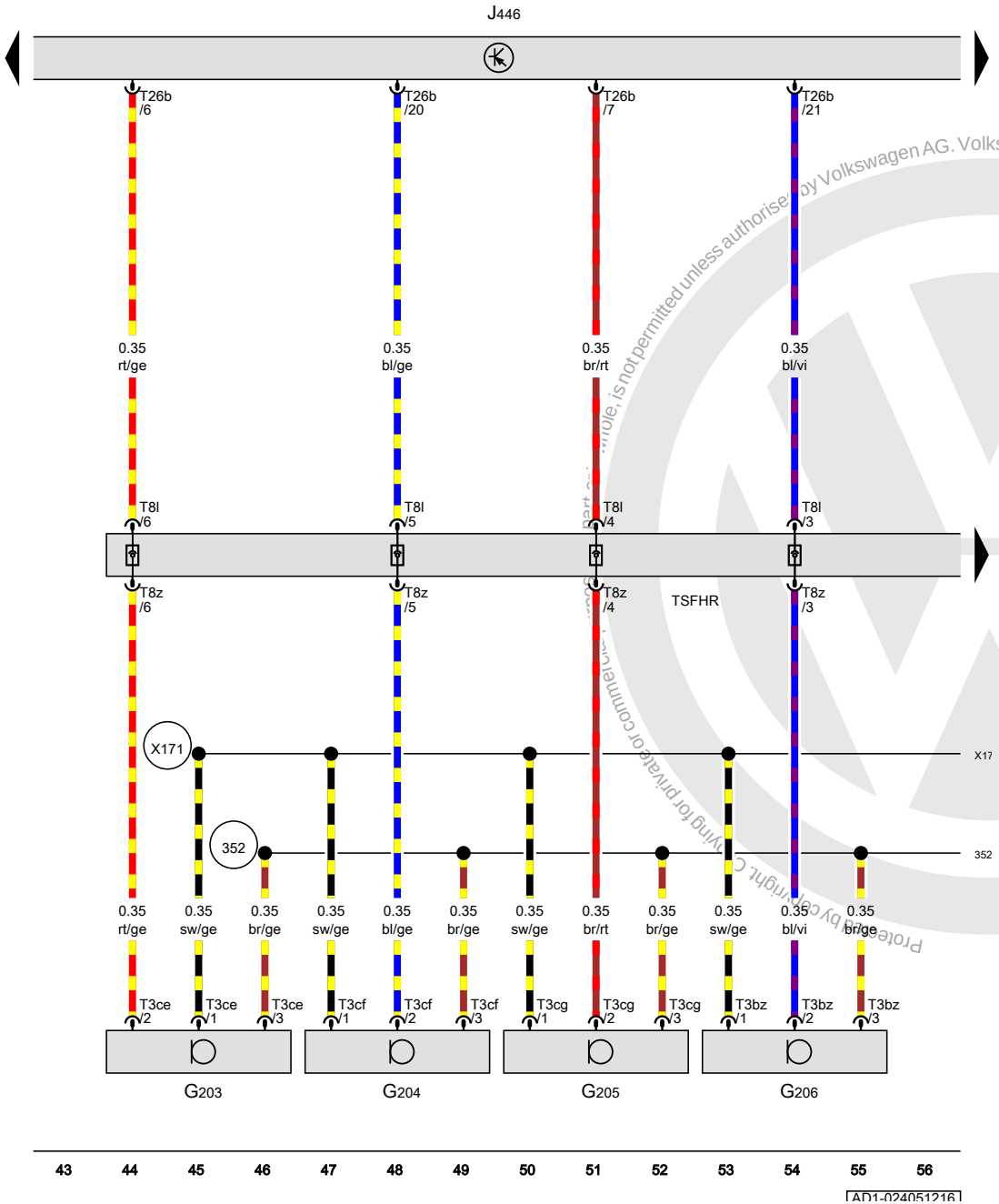


Parking aid control unit

G252	Front right parking aid sender
G253	Front centre right 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
T3bp	3-pin connector, brown
T3bq	3-pin connector, black
T3br	3-pin connector, brown
T3bt	3-pin connector, black
T14v	14-pin connector, black
T14x	14-pin connector, black
T18d	18-pin connector, black
TML	Coupling point in engine compartment, left
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
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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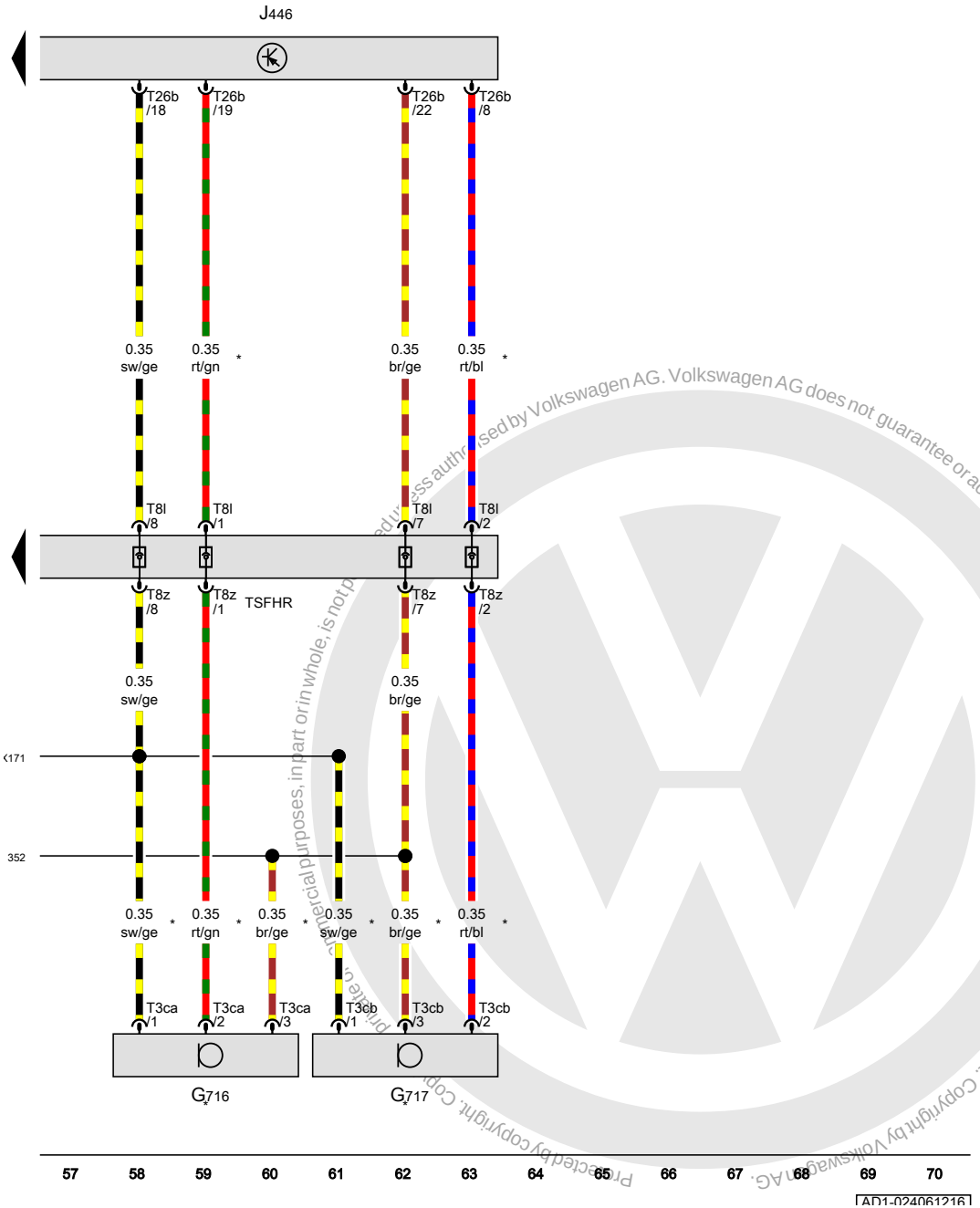


Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Parking aid control unit

G203	Rear left parking aid sender
G204	Rear centre left parking aid sender
G205	Rear centre right parking aid sender
G206	Rear right parking aid sender
J446	Parking aid control unit
T3bz	3-pin connector, black
T3ce	3-pin connector, black
T3cf	3-pin connector, black
T3cg	3-pin connector, black
T8l	8-pin connector, black
T8z	8-pin connector, black
T26b	26-pin connector, black
TSFHR	Coupling point on rear right bumper
352	Earth connection (parking aid), in rear bumper wiring harness
X171	Connection (15), rear bumper wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li = purple
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ge = yellow
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Rear left park assist steering sender, Rear right park assist steering sender, Parking aid control unit

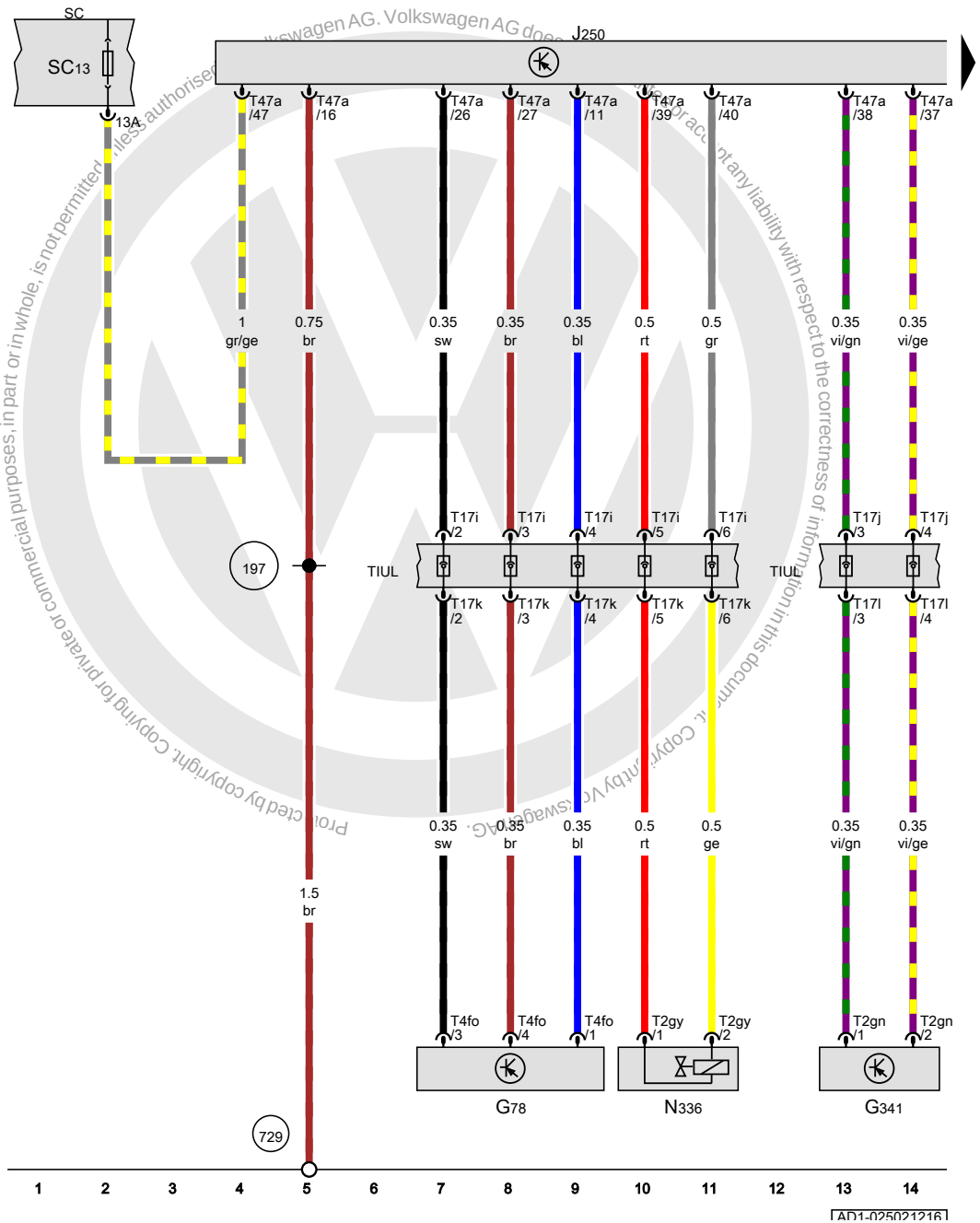
G716	Rear left park assist steering sender
G717	Rear right park assist steering sender
J446	Parking aid control unit
T3ca	3-pin connector, black
T3cb	3-pin connector, black
T8l	8-pin connector, black
T8z	8-pin connector, black
T26b	26-pin connector, black
TSFHR	Coupling point on rear right bumper
352	Earth connection (parking aid), in rear bumper wiring harness
X171	Connection (15), rear bumper wiring harness
*	Only models with park assist steering

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Dynamic Chassis Control , (2H4)

From January 2016

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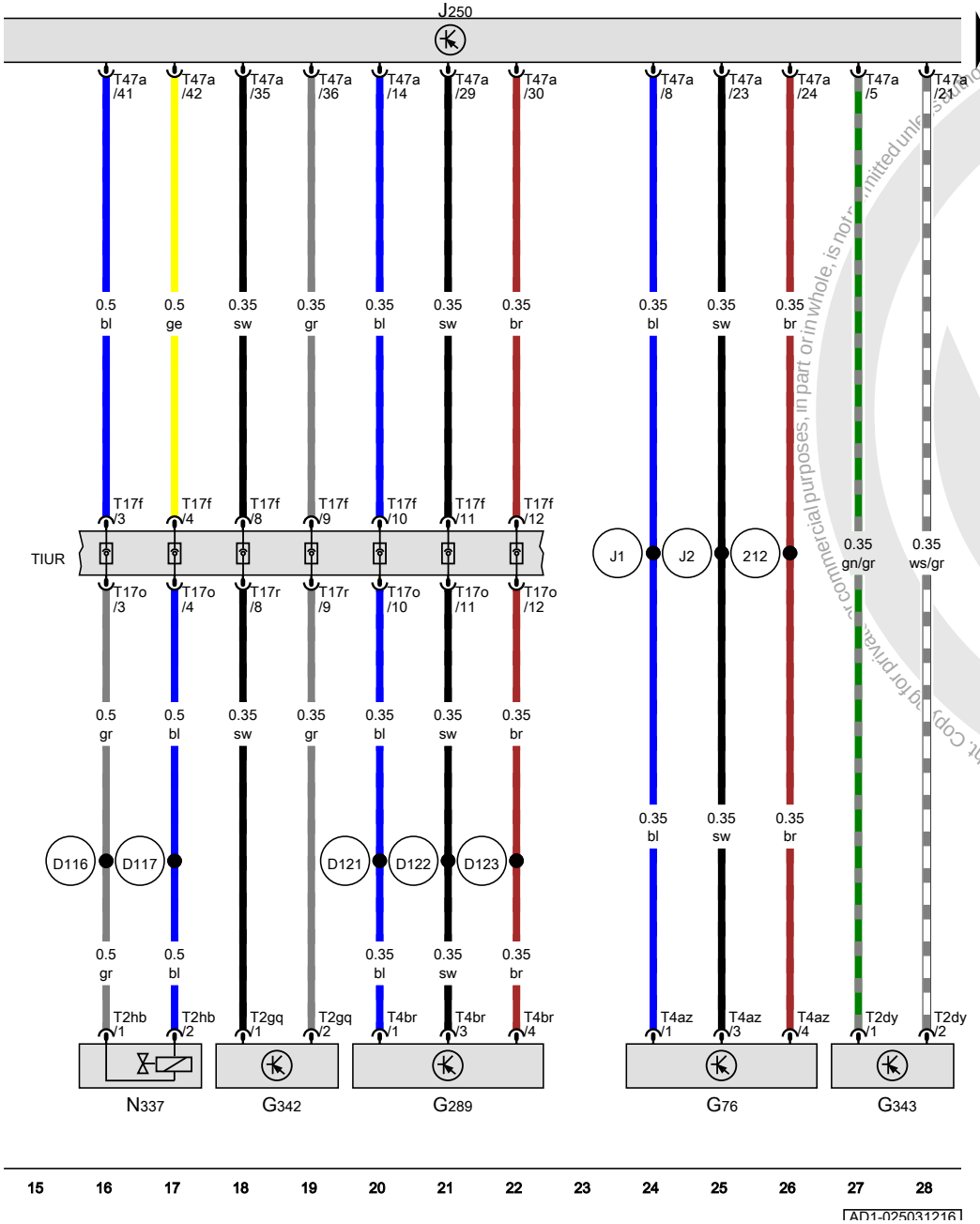


Front left vehicle level sender, Front left body acceleration sender, Electronically controlled damping control unit, Front left shock absorber damping adjustment valve, Fuse holder C

G78	Front left vehicle level sender
G341	Front left body acceleration sender
J250	Electronically controlled damping control unit
N336	Front left shock absorber damping adjustment valve
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
T2gn	2-pin connector, black
T2gy	2-pin connector, black
T4fo	4-pin connector, black
T17i	17-pin connector, black
T17j	17-pin connector, brown
T17k	17-pin connector, black
T17l	17-pin connector, brown
T47a	47-pin connector, black
TIUL	Coupling point in interior, below left
197	Earth connection 4, in rear wiring harness
729	Earth point, on left rear wheel housing

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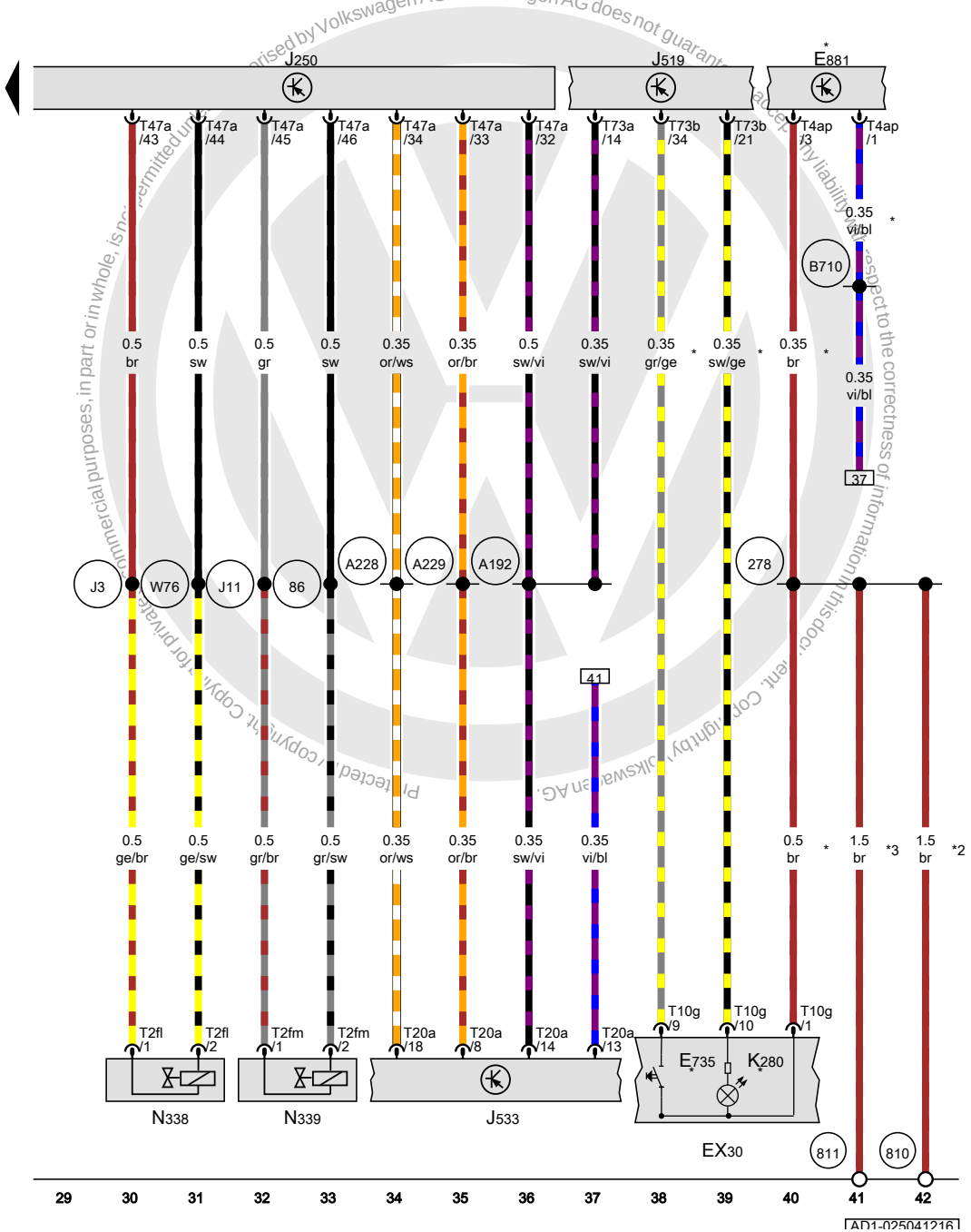


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Rear left vehicle level sender, Front right vehicle level sender, Front right body acceleration sender, Rear body acceleration sender, Electronically controlled damping control unit, Front right shock absorber damping adjustment valve

G76	Rear left vehicle level sender
G289	Front right vehicle level sender
G342	Front right body acceleration sender
G343	Rear body acceleration sender
J250	Electronically controlled damping control unit
N337	Front right shock absorber damping adjustment valve
T2dy	2-pin connector, black
T2gq	2-pin connector, black
T2hb	2-pin connector, black
T4az	4-pin connector, black
T4br	4-pin connector, black
T17f	17-pin connector, black
T17o	17-pin connector, black
T17r	17-pin connector, black
T47a	47-pin connector, black
TIUR	Coupling point in interior, below right
212	Earth connection 2, in ABS wiring harness
D116	Connection 14 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness
J1	Positive connection (30), in ABS wiring harness
J2	Positive connection (15), in ABS wiring harness

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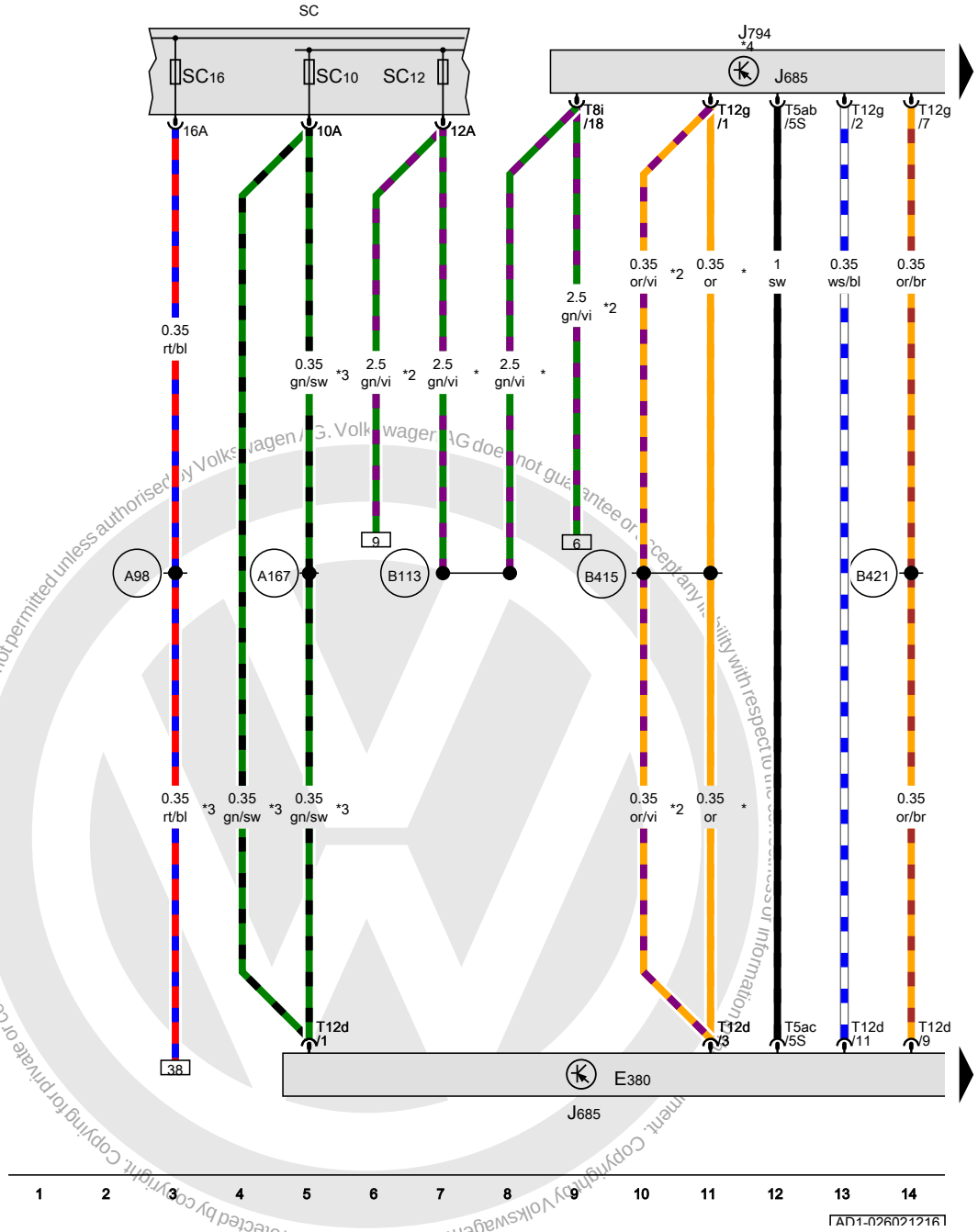
Switch module 2 in centre console, Driving mode selection button, Operating unit for driving mode selection, Electronically controlled damping control unit, Onboard supply control unit, Data bus diagnostic interface, Driving mode selection warning lamp, Rear left shock absorber damping adjustment valve, Rear right shock absorber damping adjustment valve

EX30	Switch module 2 in centre console
E735	Driving mode selection button
E881	Operating unit for driving mode selection
J250	Electronically controlled damping control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
K280	Driving mode selection warning lamp
N338	Rear left shock absorber damping adjustment valve
N339	Rear right shock absorber damping adjustment valve
T2fl	2-pin connector, black
T2fm	2-pin connector, black
T4ap	4-pin connector, black
T10g	10-pin connector, red
T20a	20-pin connector, red
T47a	47-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, black
86	Earth connection 1, in rear wiring harness
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A192	Positive connection 3 (15a) in dash panel wiring harness
A228	Connection 1 (running gear/dash panel insert CAN bus, high), in dash panel wiring harness
A229	Connection 1 (running gear/dash panel insert CAN bus, low), in dash panel wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
J3	Connection 1, in ABS wiring harness
J11	Positive connection (30a), in ABS wiring harness
W76	Connection 4 (sensor), in rear wiring harness

Radio navigation system

From January 2016

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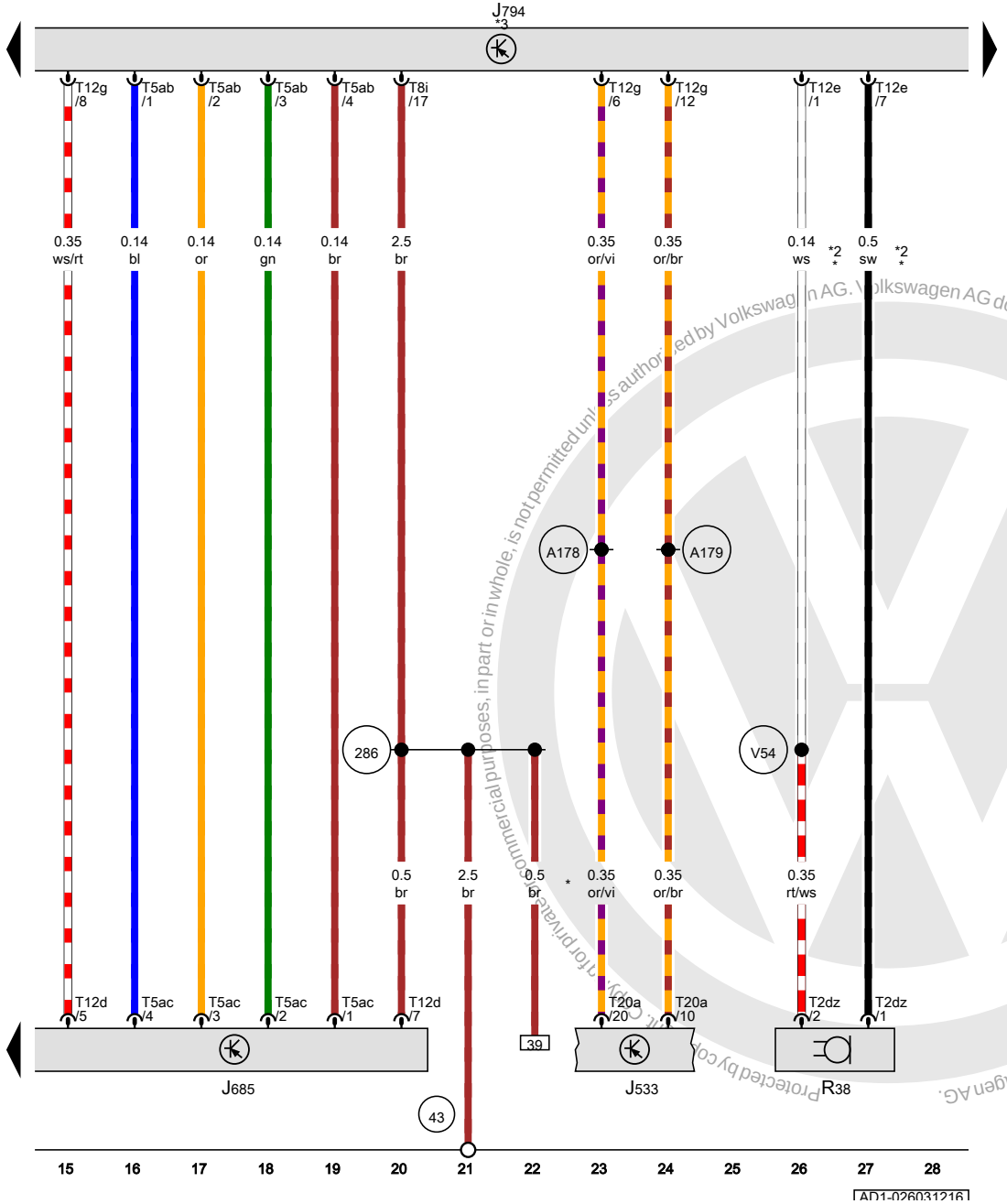


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Multimedia system operating unit, Display unit for front information display and operating unit control unit, Control unit 1 for information electronics, Fuse holder C

E380	Multimedia system operating unit
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
SC	Fuse holder C
SC10	Fuse 10 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC16	Fuse 16 on fuse holder C
T5ab	5-pin connector, purple
T5ac	5-pin connector, black
T8i	8-pin connector, black
T12d	12-pin connector, black
T12g	12-pin connector, grey
A98	Positive connection 4 (30), in dash panel wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
B113	Positive connection (30a), in left interior wiring harness
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
*	From May 2016
*2	Up to May 2016
*3	According to equipment
*4	Different connector colour possible

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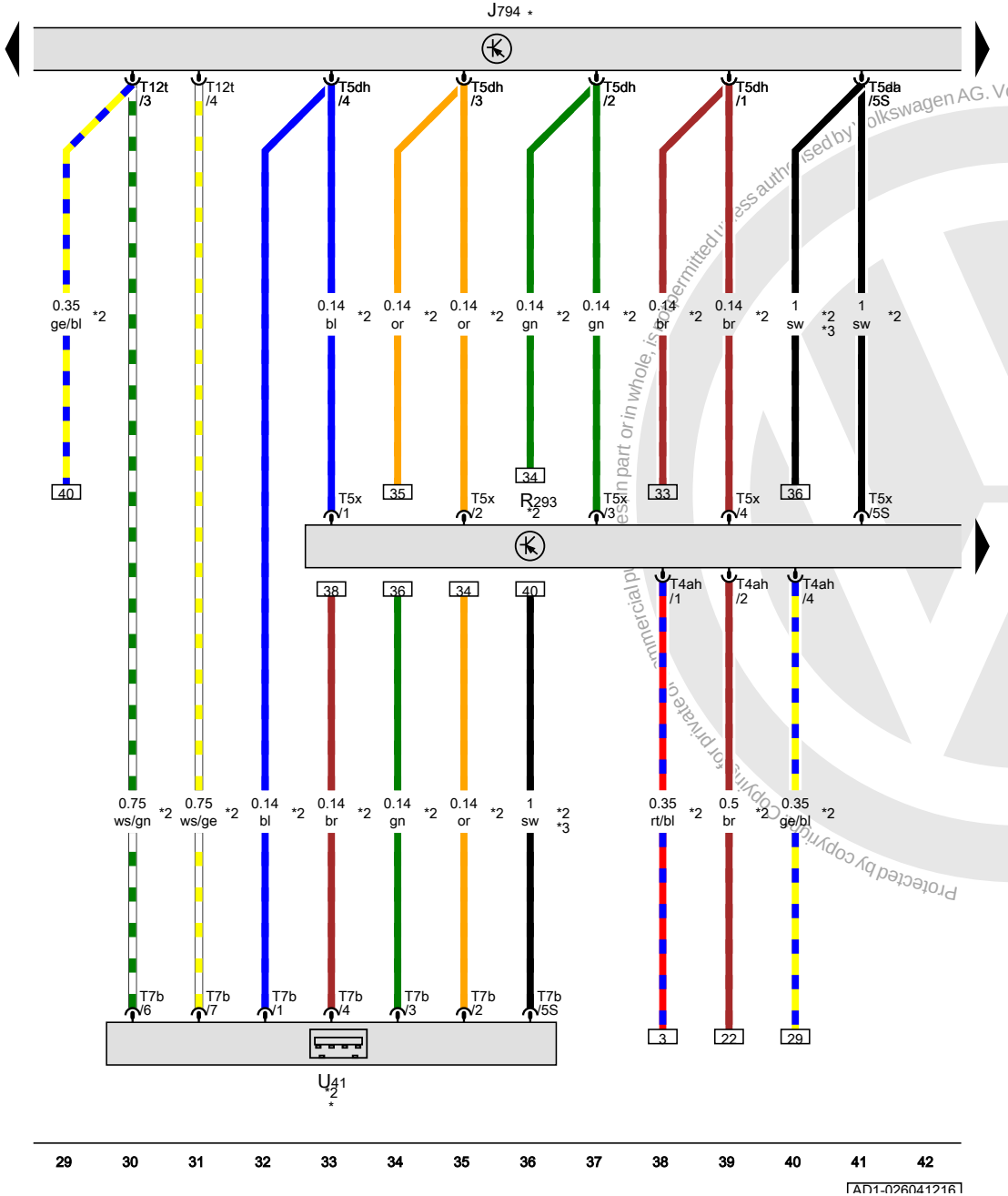
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Data bus diagnostic interface, Display unit for front information display and operating unit control unit, Control unit 1 for information electronics, Telephone microphone

J533	Data bus diagnostic interface
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
R38	Telephone microphone
T2dz	2-pin connector, black
T5ab	5-pin connector, purple
T5ac	5-pin connector, black
T8i	8-pin connector, black
T12d	12-pin connector, black
T12e	12-pin connector, blue
T12g	12-pin connector, grey
T20a	20-pin connector, red
43	Earth point, lower part of right A-pillar
286	Earth connection 8, in interior wiring harness
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
V54	Connection 1 (telephone), in main wiring harness
*	According to equipment
*2	Not for models with equipment for Korea
*3	Different connector colour possible

Control unit 1 for information electronics, USB hub, USB connection 1

J794	Control unit 1 for information electronics
R293	USB hub
T4ah	4-pin connector, red
T5aa	5-pin connector, yellow
T5dh	5-pin connector, yellow
T5x	5-pin connector, green
T7b	7-pin connector, green
T12t	12-pin connector, green
U41	USB connection 1
*	Different connector colour possible
*2	According to equipment
*3	From November 2016

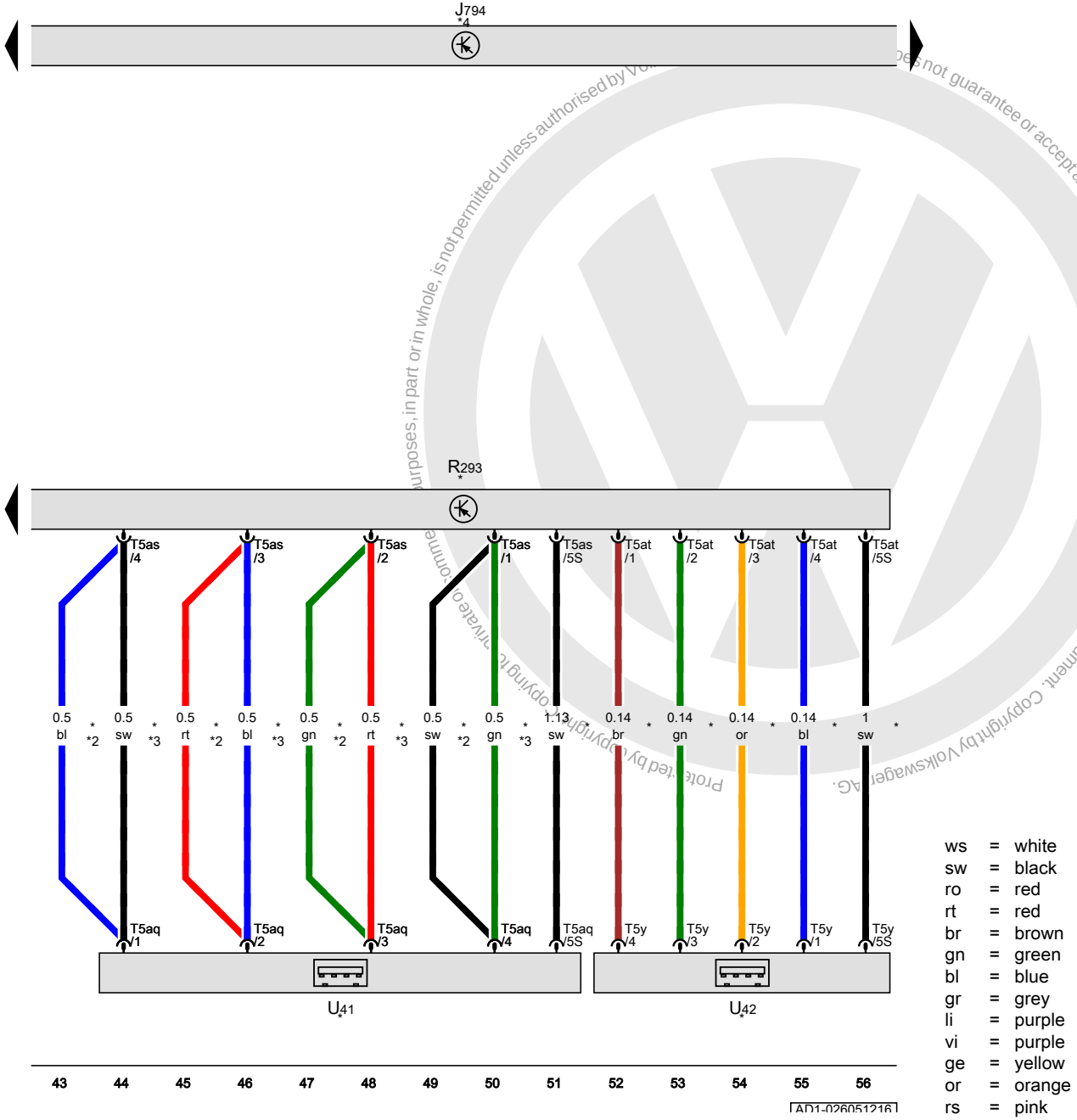


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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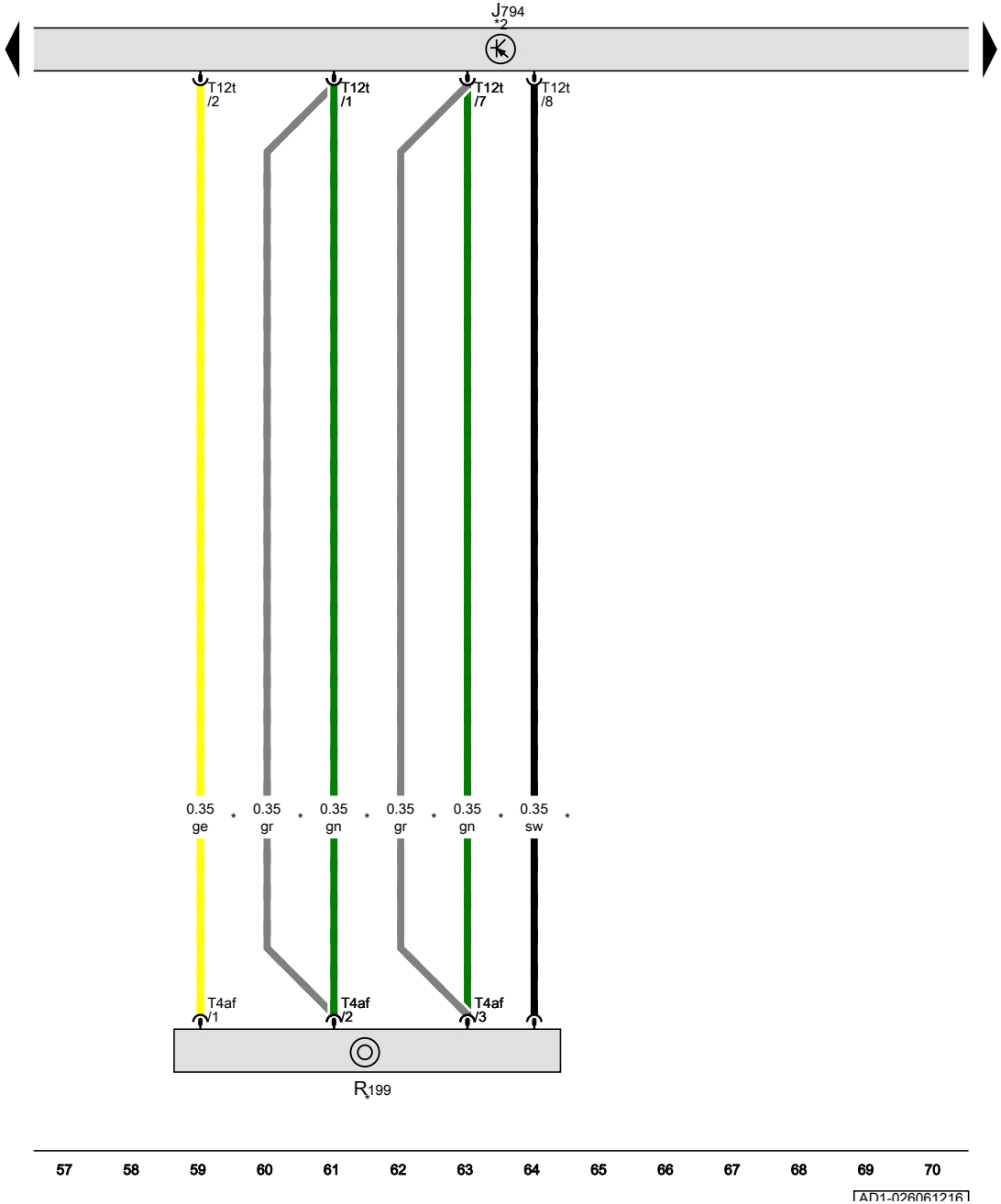
Control unit 1 for information electronics, USB hub, USB connection 1, USB connection 2

J794	Control unit 1 for information electronics
R293	USB hub
T5aq	5-pin connector, green
T5as	5-pin connector, purple
T5at	5-pin connector, brown
T5y	5-pin connector, green
U41	USB connection 1
U42	USB connection 2
*	According to equipment
*2	From November 2016
*3	Up to November 2016
*4	Different connector colour possible



ws	=	white
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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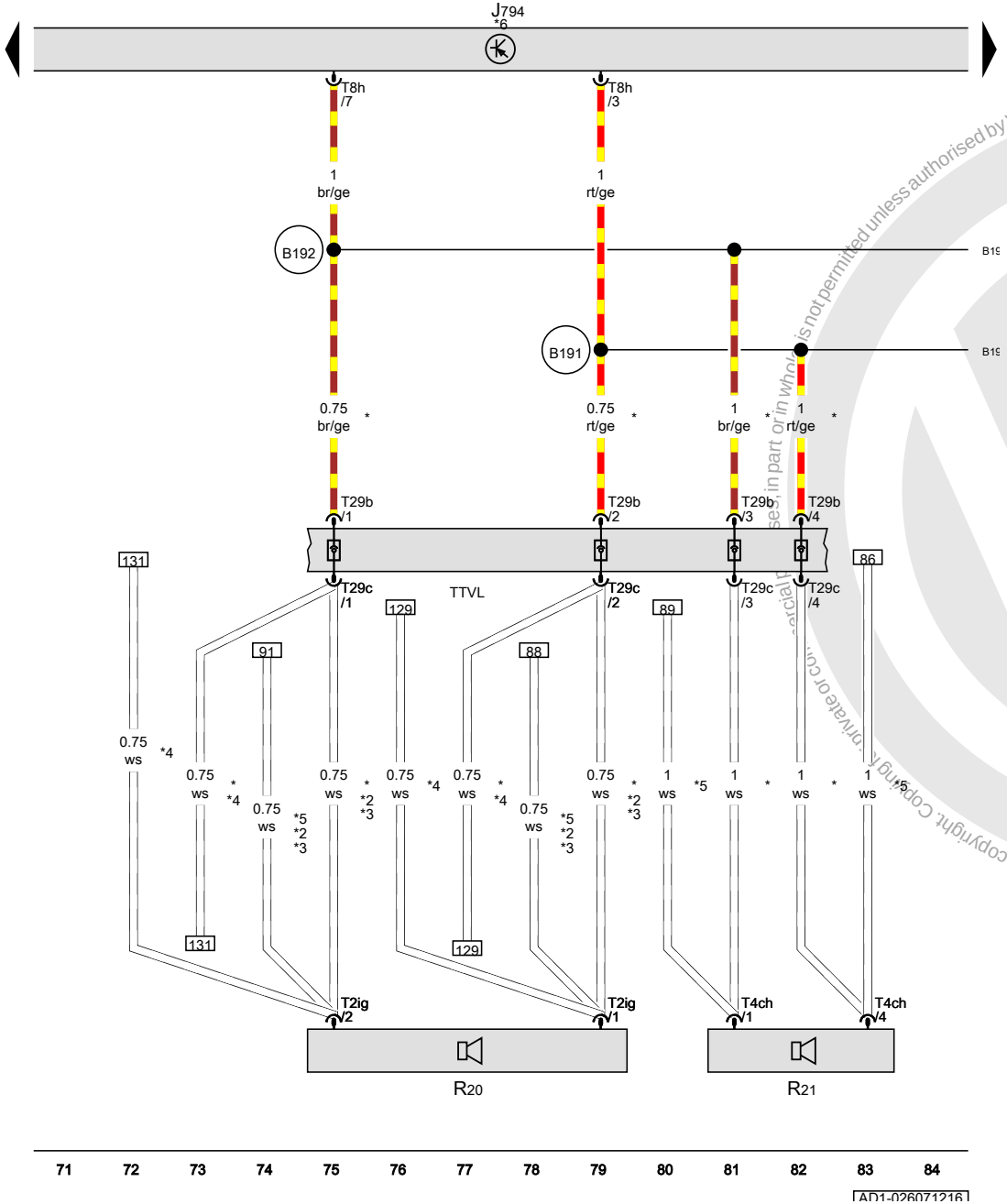


Control unit 1 for information electronics, Connection for external audio sources

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T4af	4-pin connector, black
T12t	12-pin connector, green
*	According to equipment
*2	Different connector colour possible

ws	=	white
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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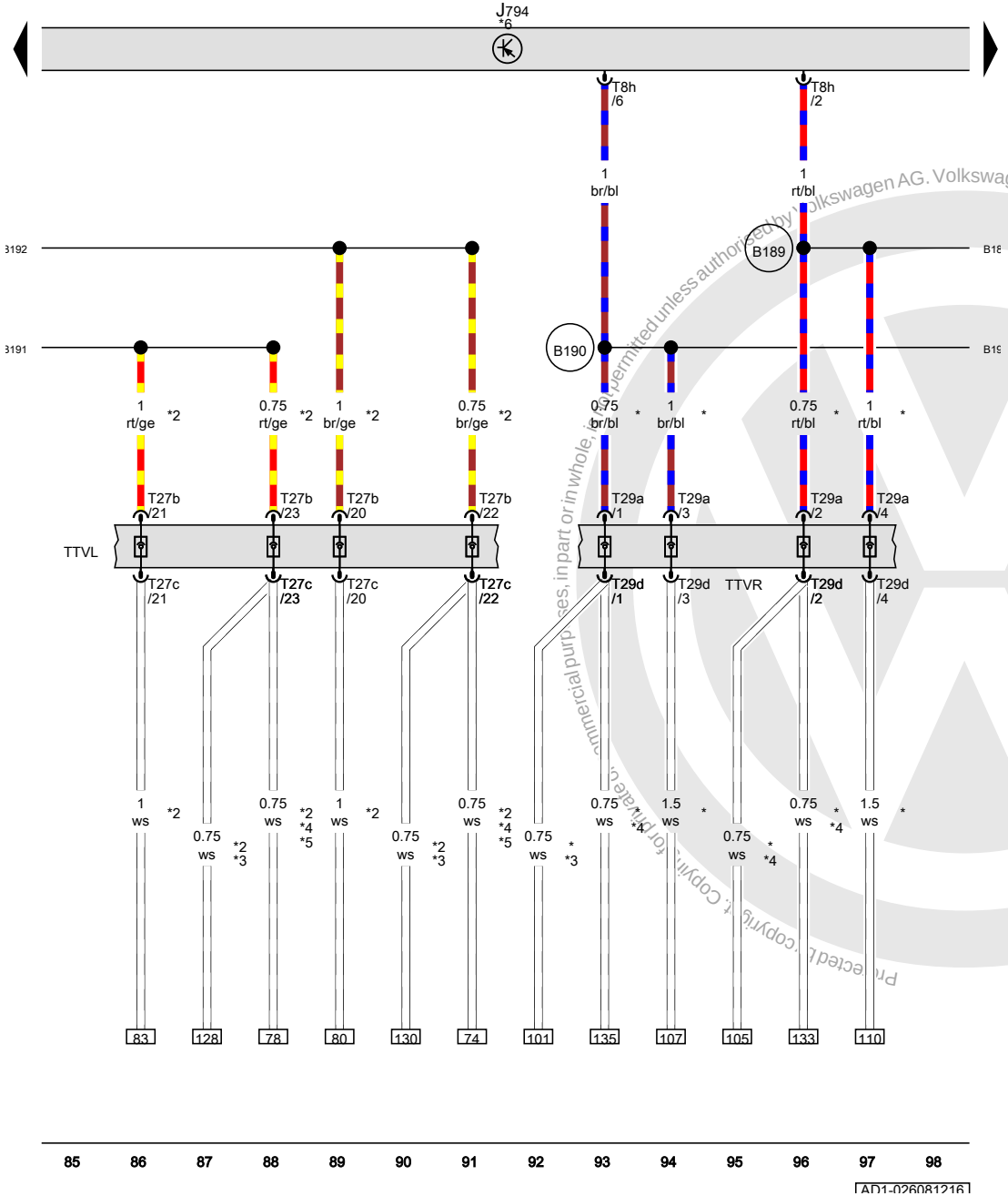


Control unit 1 for information electronics, Front left treble loudspeaker, Front left bass loudspeaker

J794	Control unit 1 for information electronics
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
T2ig	2-pin connector, black
T4ch	4-pin connector, black
T8h	8-pin connector, brown
T29b	29-pin connector, white
T29c	29-pin connector, white
TTVL	Coupling point for front left door
B191	Connection (positive, front left loudspeaker), in interior wiring harness
B192	Connection (negative, front left loudspeaker), in interior wiring harness
*	Only models with overhead view camera
*2	Only right-hand drive models
*3	According to equipment
*4	Only left-hand drive models
*5	Only models with no overhead view camera
*6	Different connector colour possible

ws	=	white
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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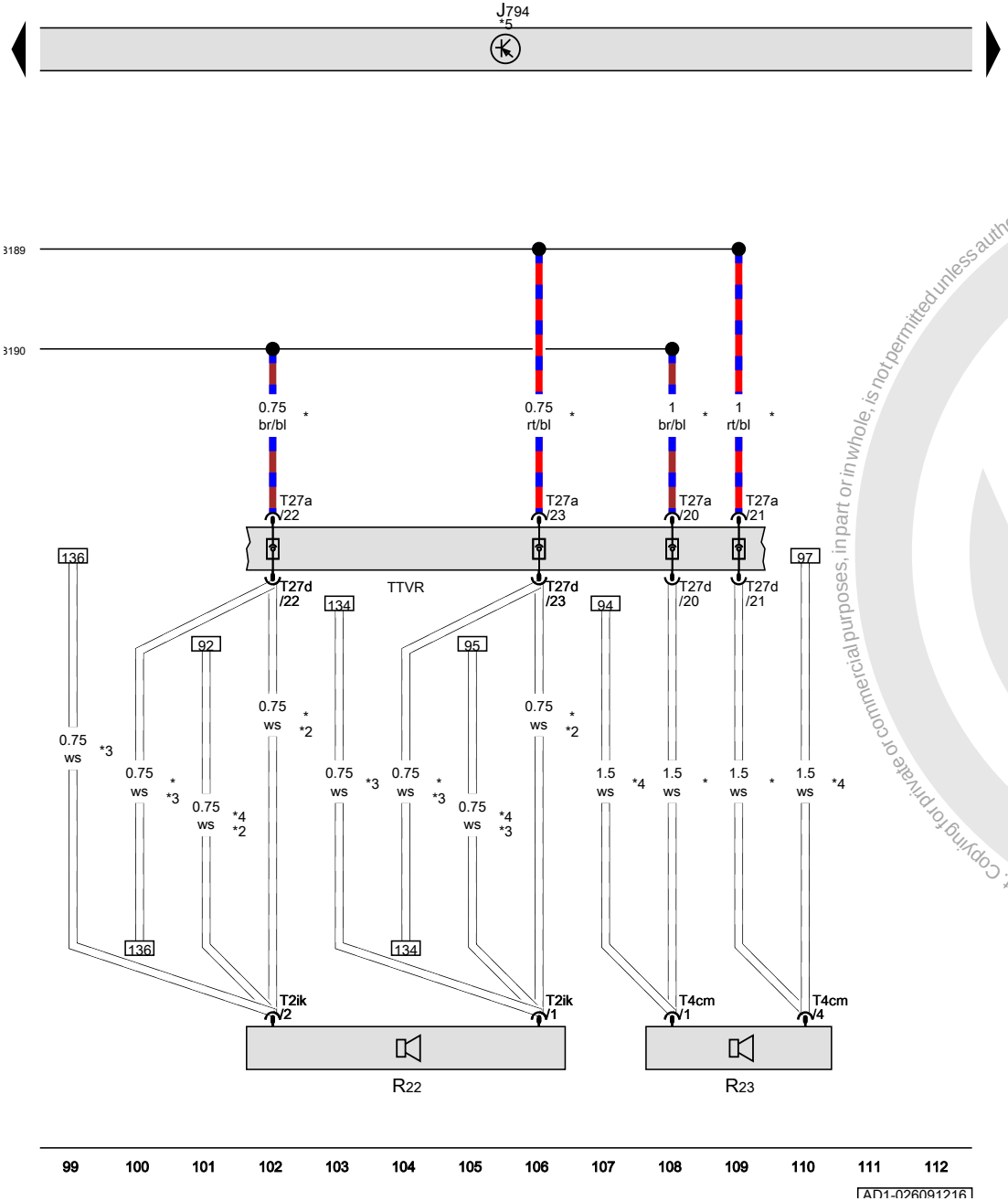


Control unit 1 for information electronics

J794	Control unit 1 for information electronics
T8h	8-pin connector, brown
T27b	27-pin connector, black
T27c	27-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
TTVL	Coupling point for front left door
TTVR	Coupling point for front right door
B189	Connection (positive, front right loudspeaker), in interior wiring harness
B190	Connection (negative, front right loudspeaker), in interior wiring harness
B191	Connection (positive, front left loudspeaker), in interior wiring harness
B192	Connection (negative, front left loudspeaker), in interior wiring harness
*	Only models with overhead view camera
*2	Only models with no overhead view camera
*3	Only left-hand drive models
*4	Only right-hand drive models
*5	According to equipment
*6	Different connector colour possible

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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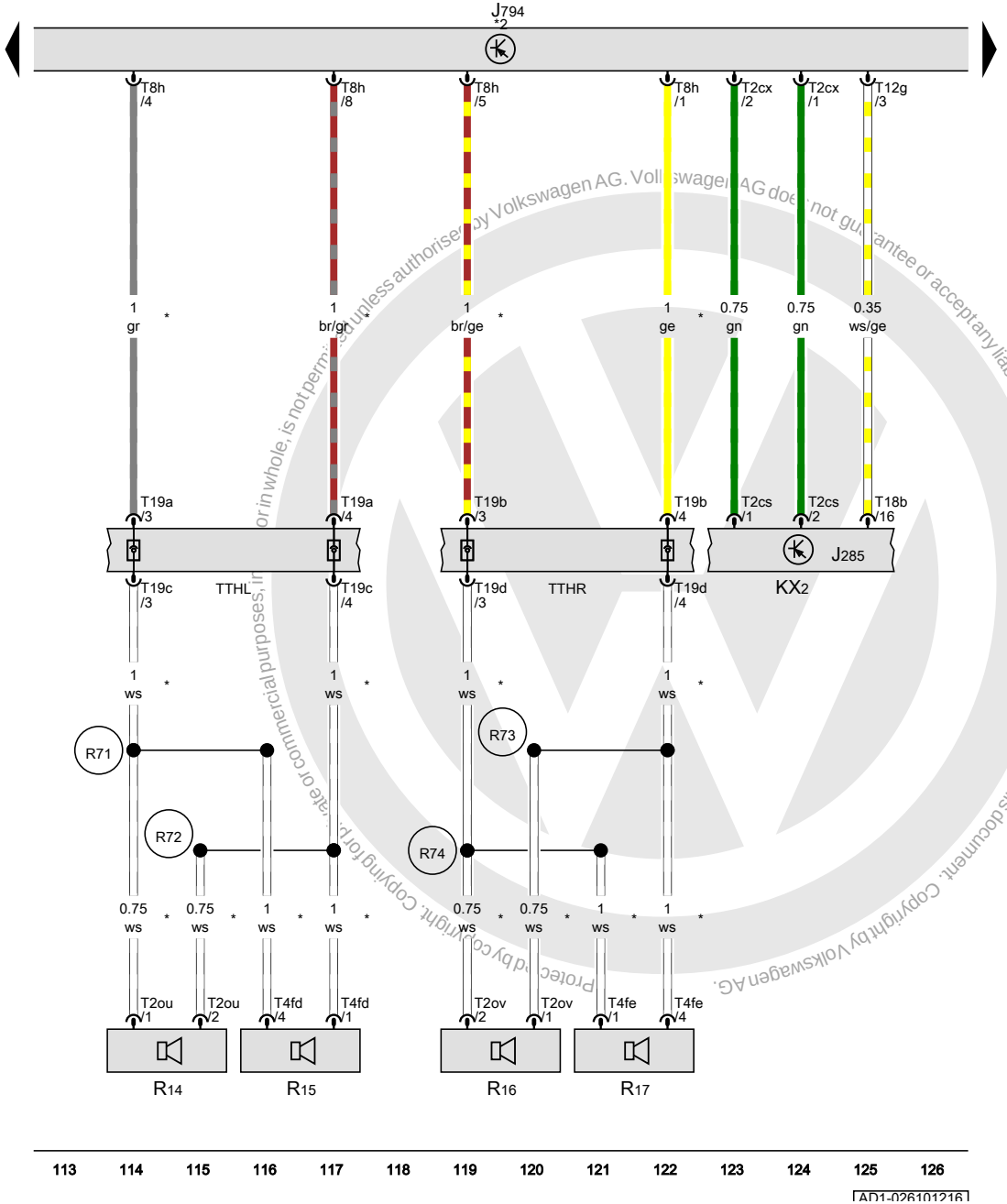


Control unit 1 for information electronics, Front right treble loudspeaker, Front right bass loudspeaker

J794	Control unit 1 for information electronics
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2ik	2-pin connector, black
T4cm	4-pin connector, black
T27a	27-pin connector, black
T27d	27-pin connector, black
TTVR	Coupling point for front right door
B189	Connection (positive, front right loudspeaker), in interior wiring harness
B190	Connection (negative, front right loudspeaker), in interior wiring harness
*	Only models with no overhead view camera
*2	Only left-hand drive models
*3	Only right-hand drive models
*4	Only models with overhead view camera
*5	Different connector colour possible

ws	=	white
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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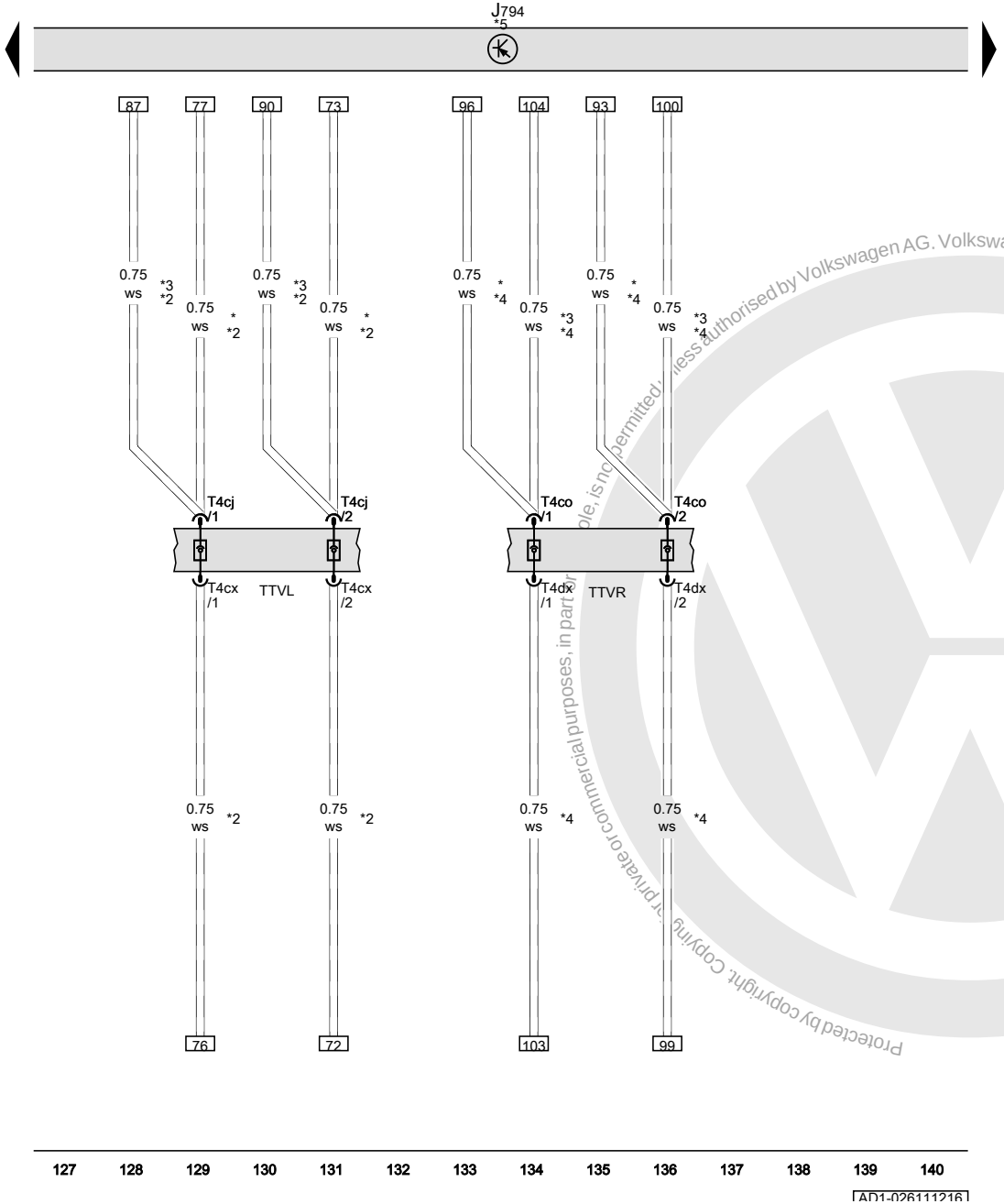


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit 1 for information electronics, Dash panel insert, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker

J285	Control unit in dash panel insert
J794	Control unit 1 for information electronics
KX2	Dash panel insert
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T2cs	2-pin connector, black
T2cx	2-pin connector, black
T2ou	2-pin connector, black
T2ov	2-pin connector, black
T4fd	4-pin connector, black
T4fe	4-pin connector, black
T8h	8-pin connector, brown
T12g	12-pin connector, grey
T18b	18-pin connector, black
T19a	19-pin connector, black
T19b	19-pin connector, black
T19c	19-pin connector, black
T19d	19-pin connector, black
TTHL	Coupling point for rear left door
TTHR	Coupling point for rear right door
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with 8 loudspeakers (8RM)
*2	Different connector colour possible

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Control unit 1 for information electronics

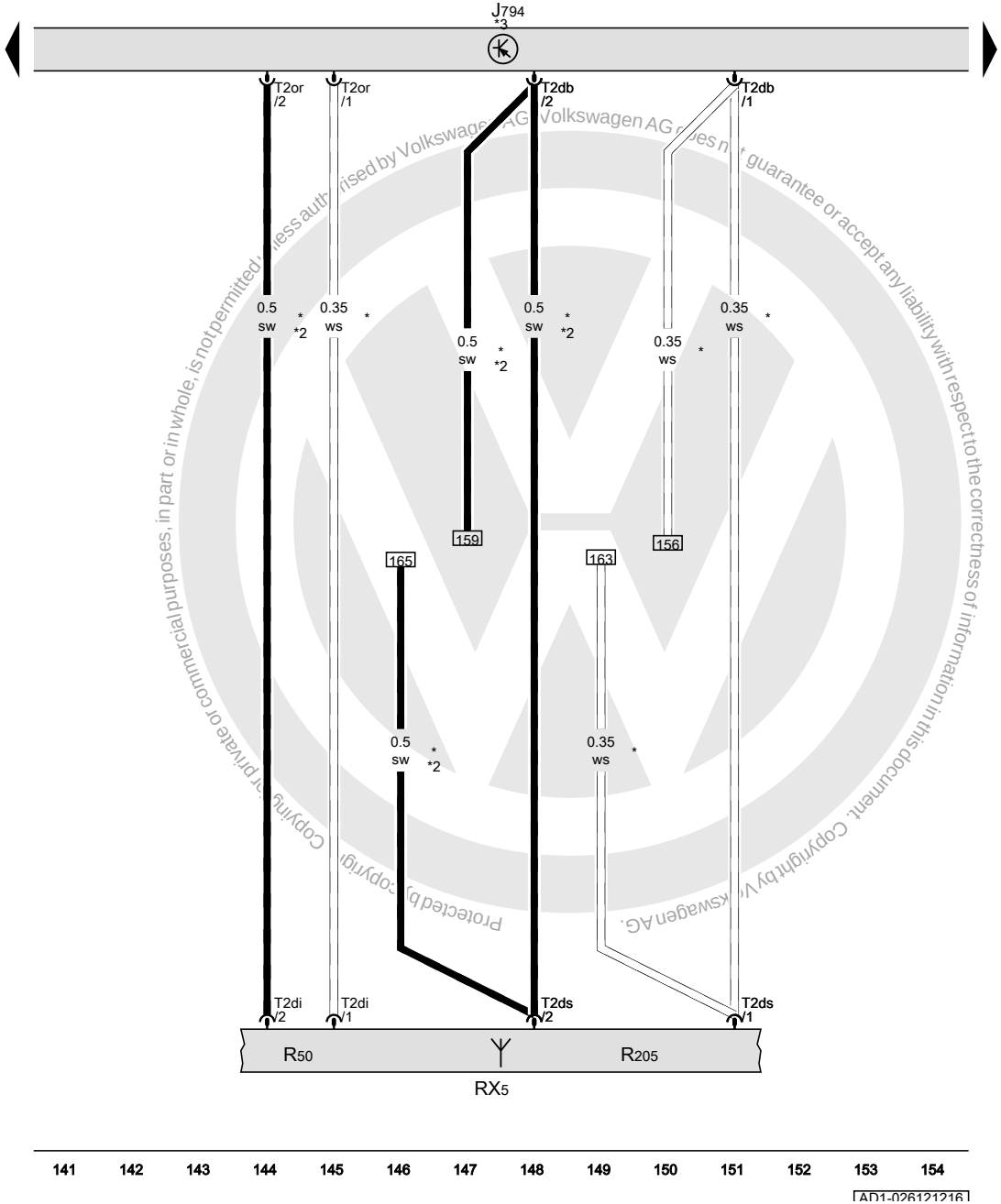
J794	Control unit 1 for information electronics
T4cj	4-pin connector, black
T4co	4-pin connector, black
T4cx	4-pin connector, black
T4dx	4-pin connector, black
TTVL	Coupling point for front left door
TTVR	Coupling point for front right door
*	Only models with overhead view camera
*2	Only left-hand drive models
*3	Only models with no overhead view camera
*4	Only right-hand drive models
*5	Different connector colour possible

ws	=	white
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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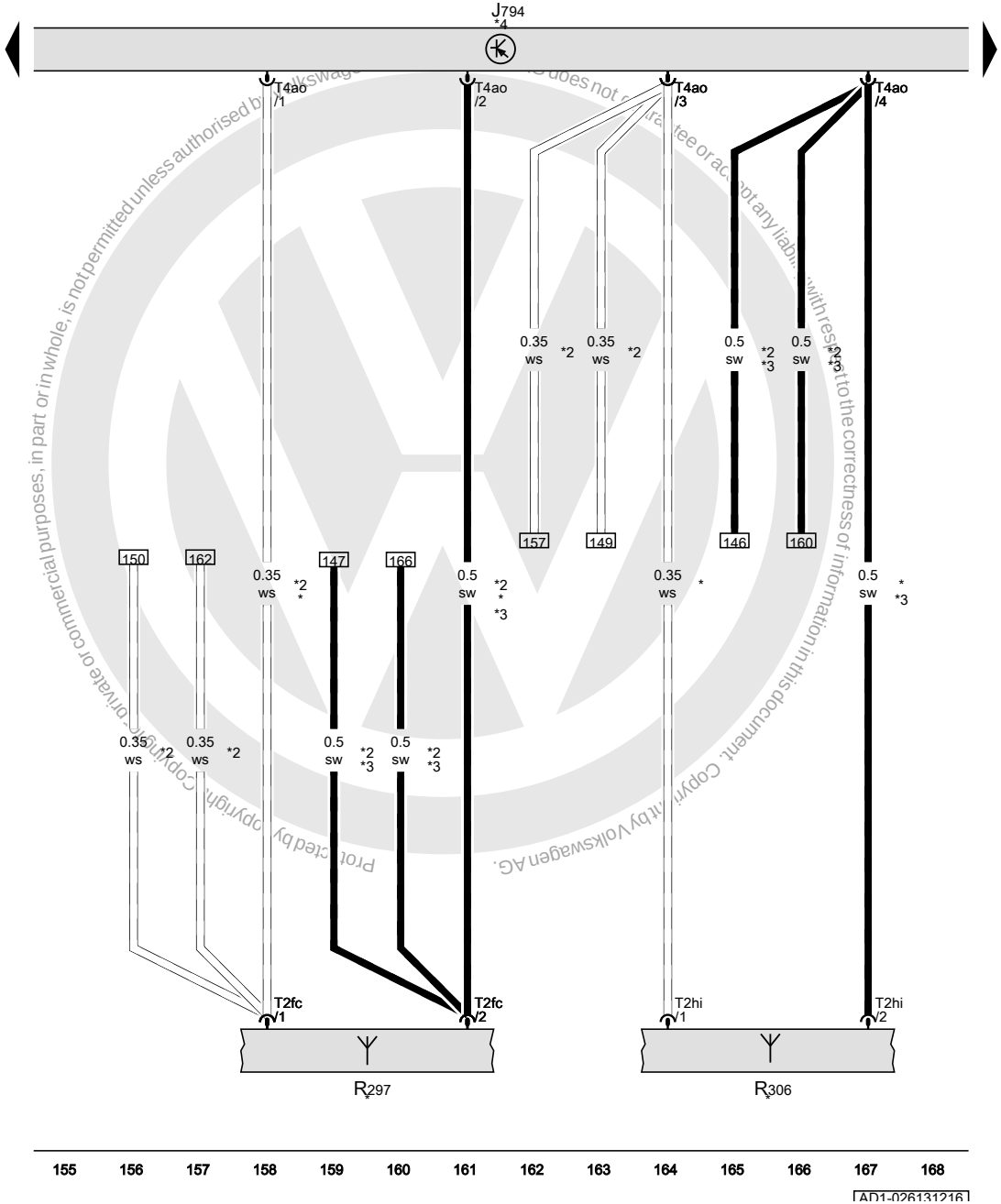
Control unit 1 for information electronics, Roof aerial, GPS aerial

J794	Control unit 1 for information electronics
RX5	Roof aerial
R50	GPS aerial
R205	GSM aerial
T2db	2-pin connector, purple
T2di	2-pin connector, blue
T2ds	2-pin connector, purple
T2or	2-pin connector, blue
*	According to equipment
*2	Different wire colour possible
*3	Different connector colour possible



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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



Control unit 1 for information electronics

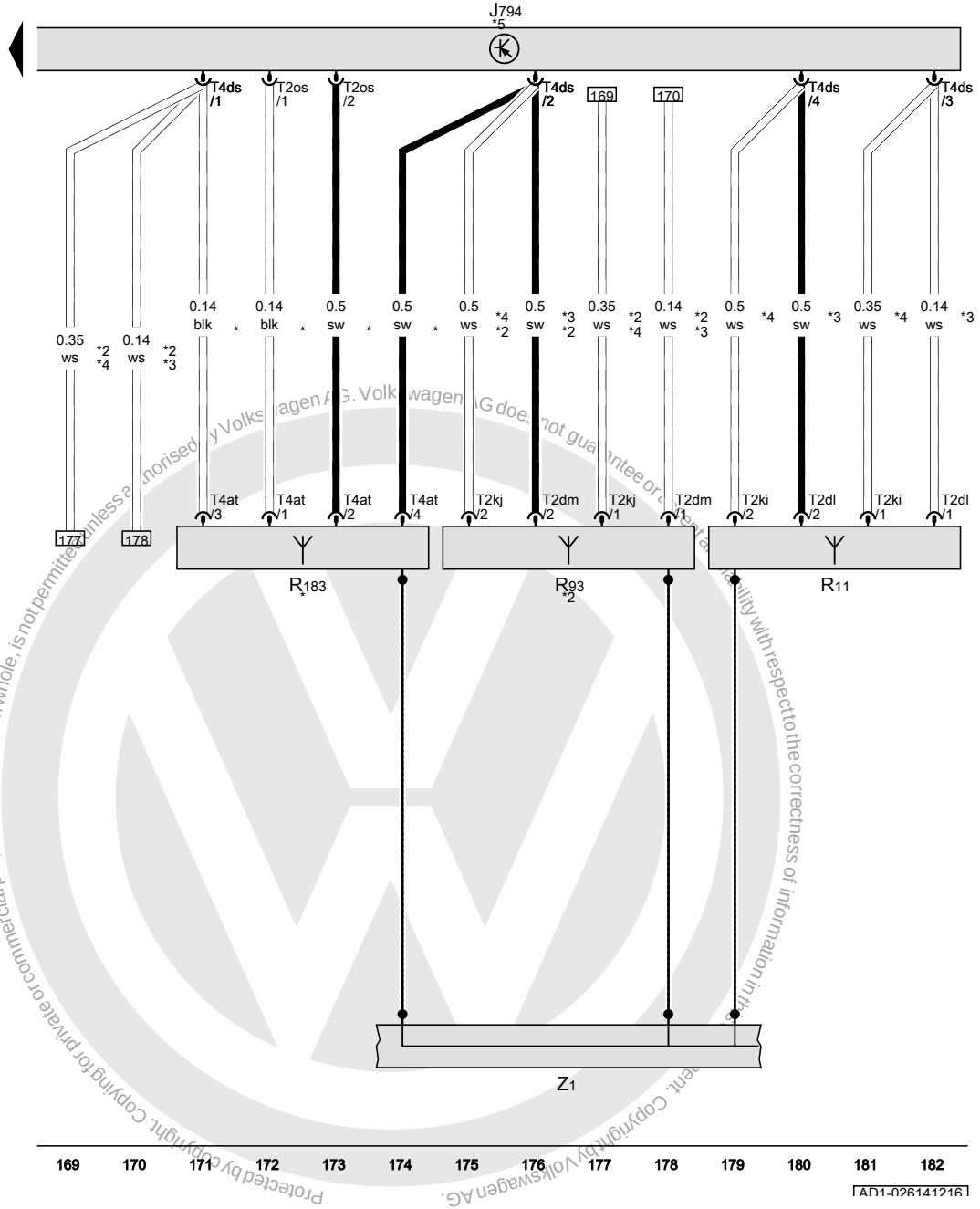
J794	Control unit 1 for information electronics
R297	LTE aerial 1
R306	LTE aerial 2
T2fc	2-pin connector, purple
T2hi	2-pin connector, yellow
T4ao	4-pin connector, purple
*	Optional equipment
*2	According to equipment
*3	Different wire colour possible
*4	Different connector colour possible

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Control unit 1 for information electronics, Aerial, Radio aerial 2, Digital radio aerial, Heated rear window

J794	Control unit 1 for information electronics
R11	Aerial
R93	Radio aerial 2
R183	Digital radio aerial
T2dl	2-pin connector, yellow
T2dm	2-pin connector, purple
T2ki	2-pin connector, white
T2kj	2-pin connector, colourless
T2os	2-pin connector, black
T4at	4-pin connector, black
T4ds	4-pin connector, white
Z1	Heated rear window
*	Only models with digital radio
*2	Only models with no digital radio
*3	Up to November 2016
*4	From November 2016
*5	Different connector colour possible



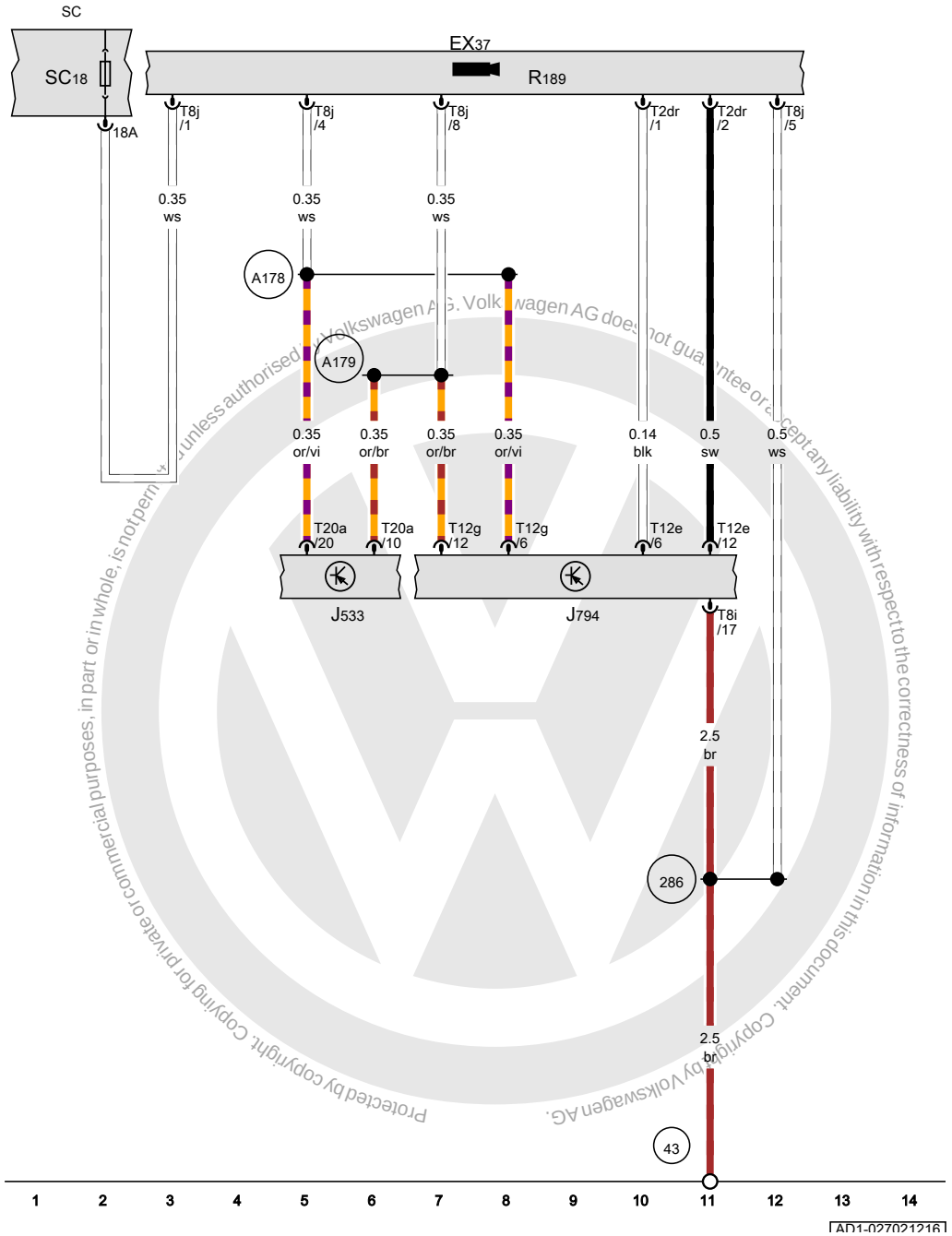
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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rs	=	pink

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Reversing camera (Rear Assist) , (KA2)

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Rear lid handle, Control unit 1 for information electronics

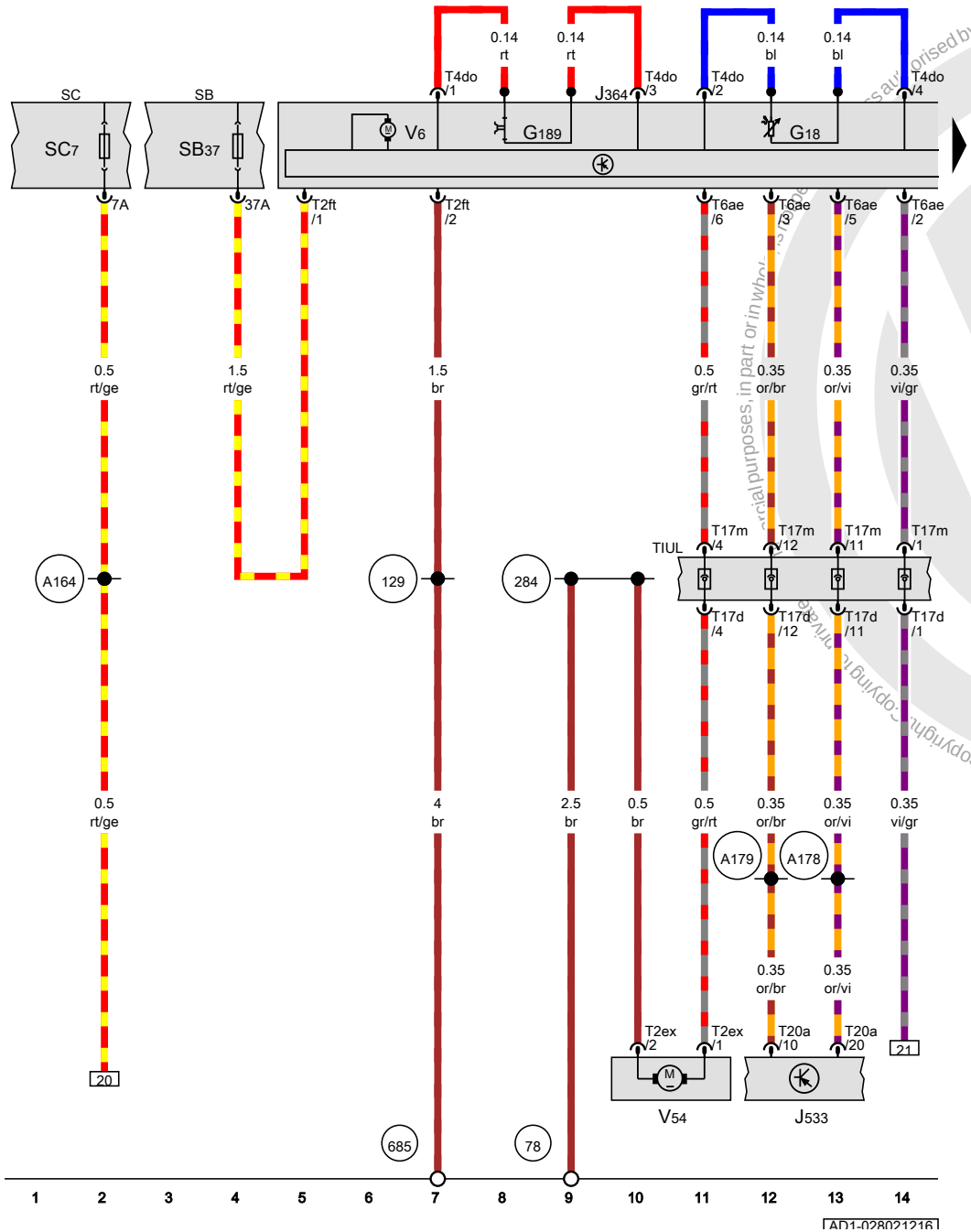
EX37	Rear lid handle
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R189	Reversing camera
SC	Fuse holder C
SC18	Fuse 18 on fuse holder C
T2dr	2-pin connector, grey
T8i	8-pin connector, black
T8j	8-pin connector, black
T12e	12-pin connector, blue
T12g	12-pin connector, grey
T20a	20-pin connector, red
43	Earth point, lower part of right A-pillar
286	Earth connection 8, in interior 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
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Auxiliary coolant heater , (9M9)

From January 2016

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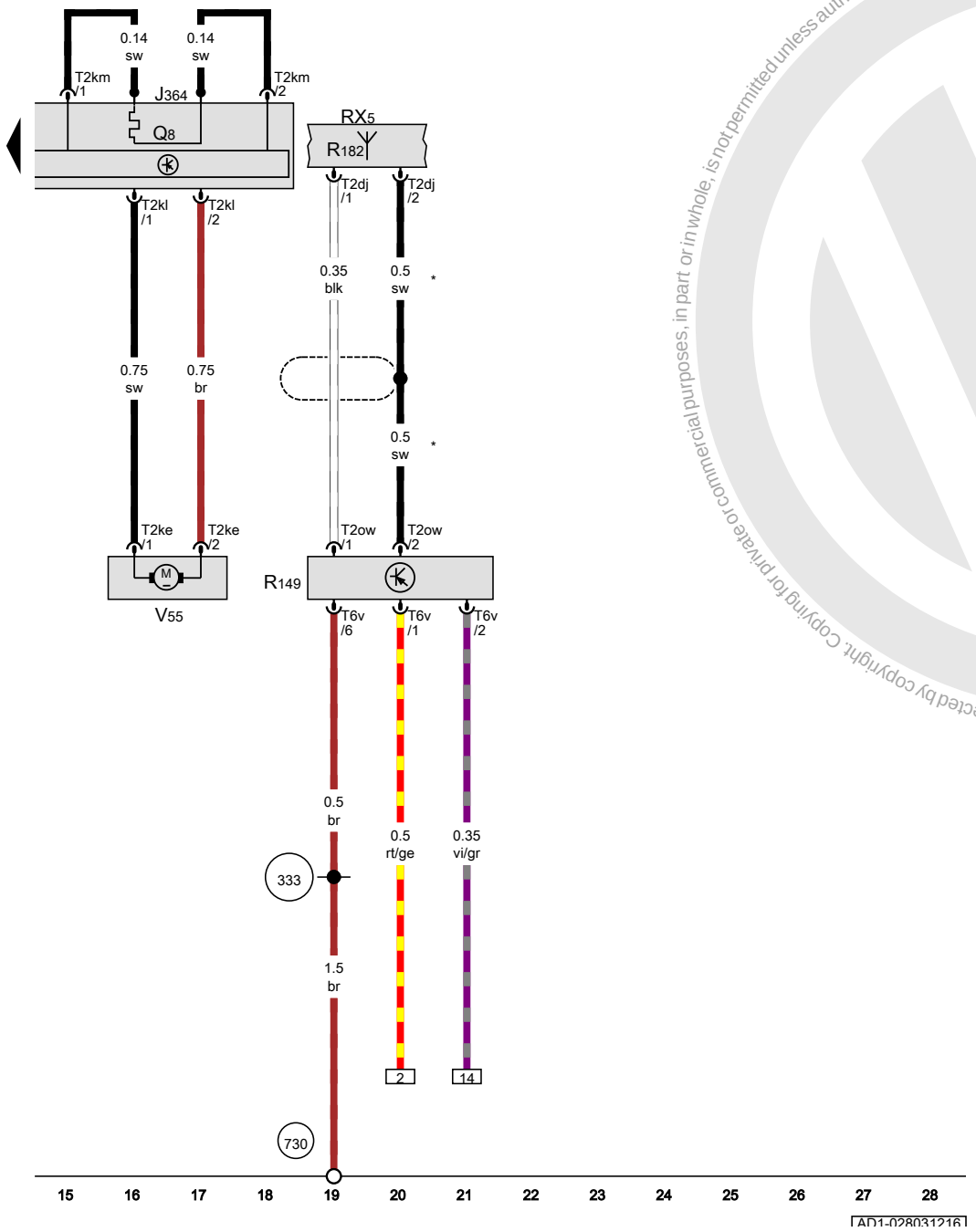
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Temperature sensor, Overheating sensor, Auxiliary heater control unit, Data bus diagnostic interface, Fuse holder B, Fuse holder C, Combustion air blower, Metering pump

G18	Temperature sensor
G189	Overheating sensor
J364	Auxiliary heater control unit
J533	Data bus diagnostic interface
SB	Fuse holder B
SC7	Fuse 7 on fuse holder C
SB37	Fuse 37 on fuse holder B
SC	Fuse holder C
T2ex	2-pin connector, black
T2ft	2-pin connector, black
T4do	4-pin connector, black
T6ae	6-pin connector, black
T17d	17-pin connector, red
T17m	17-pin connector, red
T20a	20-pin connector, red
TIUL	Coupling point in interior, below left
V6	Combustion air blower
V54	Metering pump
78	Earth point, lower part of right B-pillar
129	Earth connection, in dual tone horn wiring harness
284	Earth connection 6, in interior wiring harness
685	Earth point 1, on front of right longitudinal member
A164	Positive connection 2 (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

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Auxiliary heater control unit, Glow plug with flame monitor, Roof aerial, Remote control receiver for auxiliary coolant heater, Circulation pump

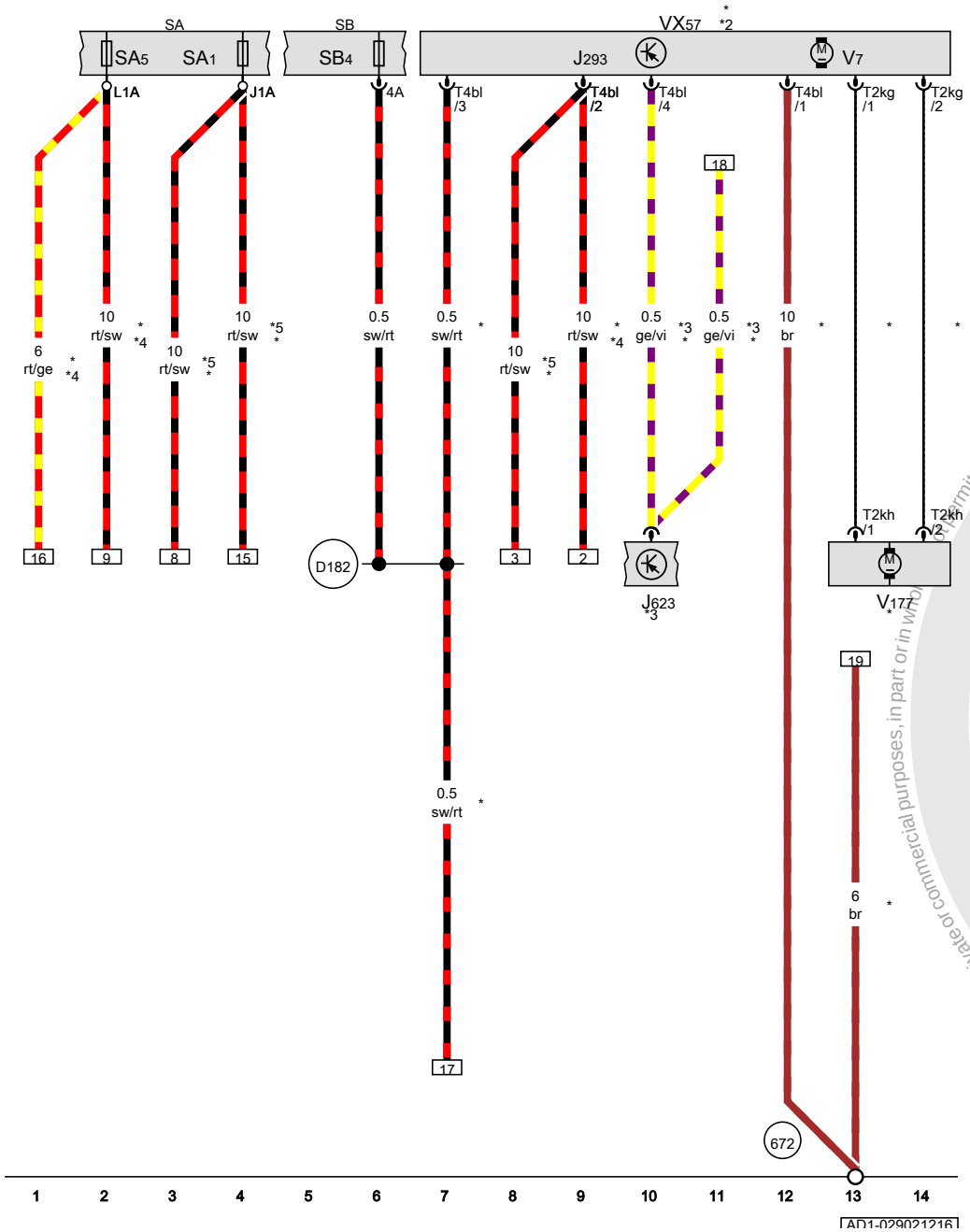
J364	Auxiliary heater control unit
Q8	Glow plug with flame monitor
RX5	Roof aerial
R149	Remote control receiver for auxiliary coolant heater
R182	Auxiliary heater aerial
T2dj	2-pin connector, colourless
T2ke	2-pin connector, black
T2kl	2-pin connector, colourless
T2km	2-pin connector, black
T2ow	2-pin connector, colourless
T6v	6-pin connector, blue
V55	Circulation pump
333	Earth connection 5, in rear wiring harness
730	Earth point 1, on right rear wheel housing
*	Different wire colour possible

ws	=	white
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

From January 2016

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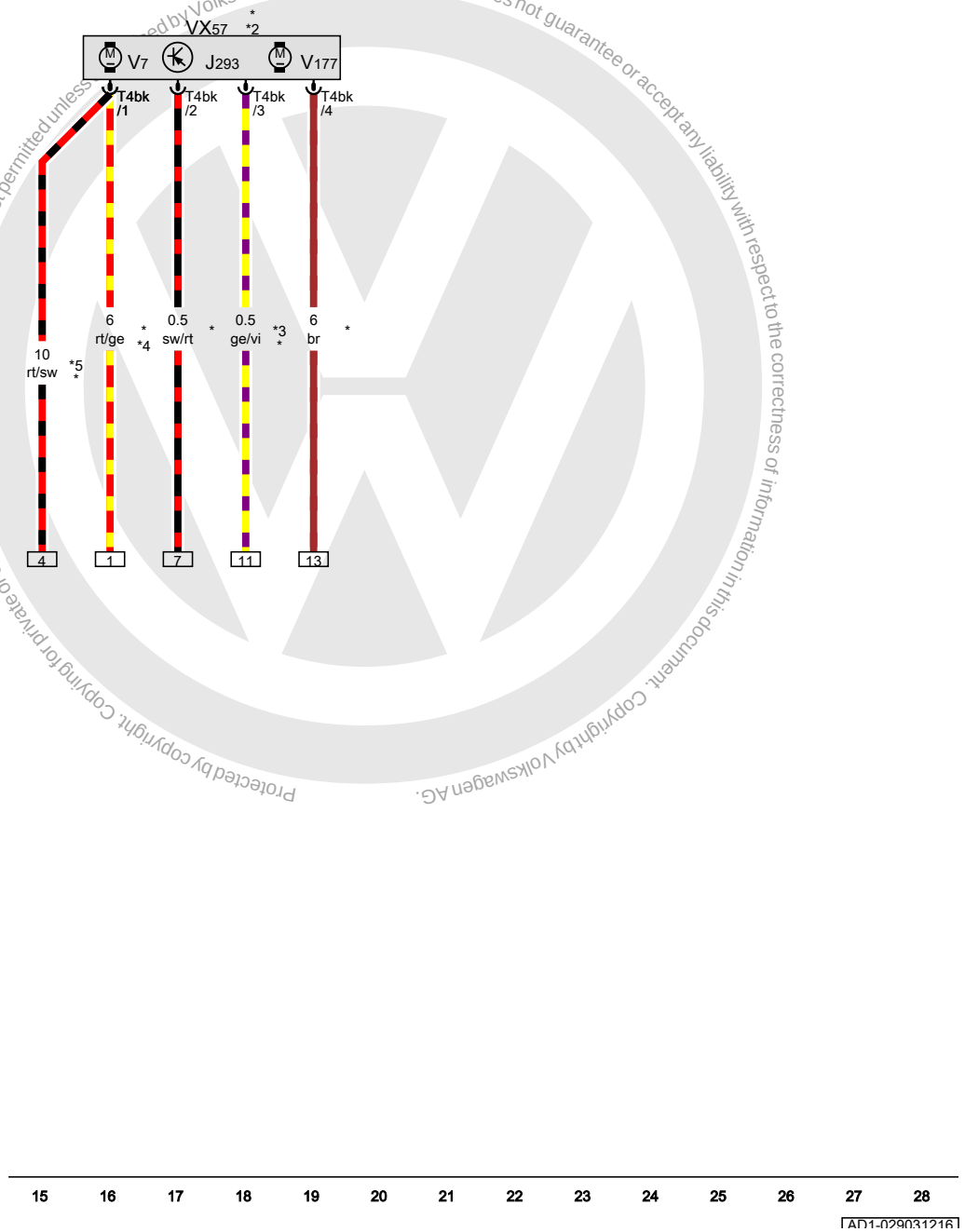
Radiator fan control unit, Radiator fan

J293	Radiator fan control unit
J623	Engine control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SB	Fuse holder B
SB4	Fuse 4 on fuse holder B
SA5	Fuse 5 on fuse holder A
T2kg	2-pin connector, black
T2kh	2-pin connector, black
T4bl	4-pin connector, black
V7	Radiator fan
VX57	Radiator fan
V177	Radiator fan 2
672	Earth point 2, on front of left longitudinal member
D182	Connection 3 (87a), in engine compartment wiring harness
*	According to equipment
*2	Pre-wired component
*3	see applicable current flow diagram for engine
*4	Only models with battery in engine compartment
*5	Only models with battery in luggage compartment

ws	=	white
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, Radiator fan, Radiator fan 2

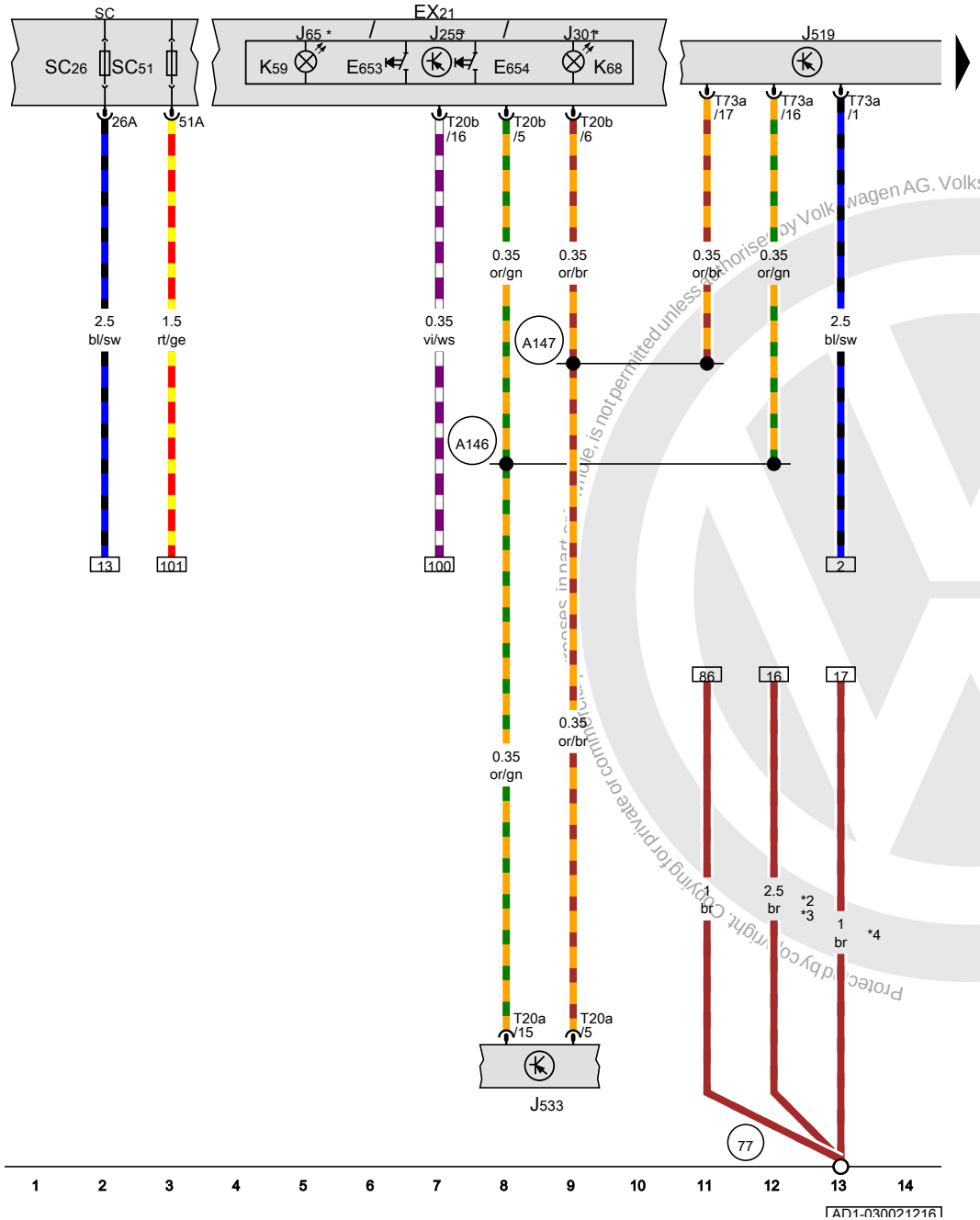
J293	Radiator fan control unit
T4bk	4-pin connector, black
V7	Radiator fan
VX57	Radiator fan
V177	Radiator fan 2
*	According to equipment
*2	Pre-wired component
*3	see applicable current flow diagram for engine
*4	Only models with battery in engine compartment
*5	Only models with battery in luggage compartment

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

Seat heating , (4A3),(4A4)

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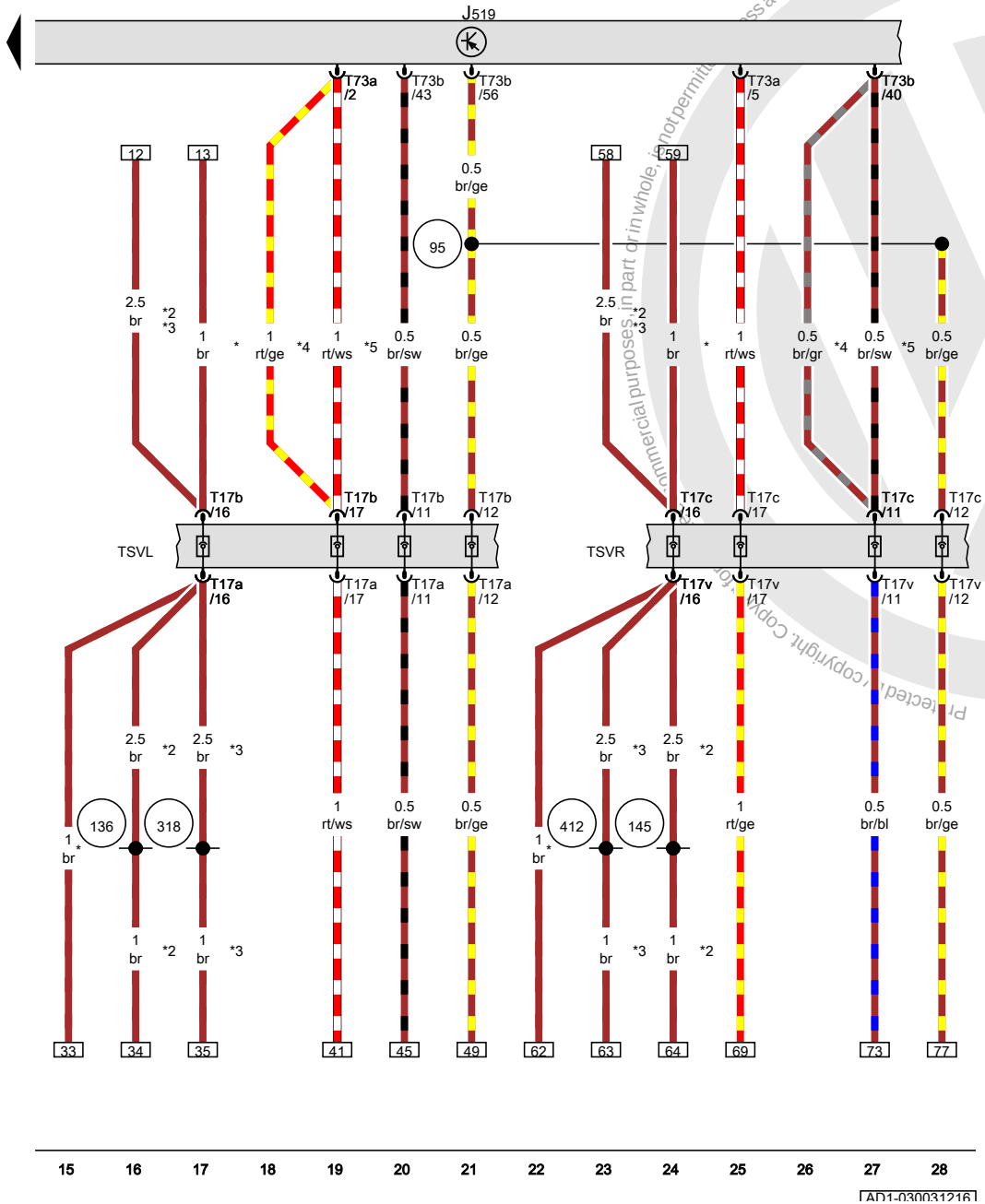


Heater and air conditioning controls, Onboard supply control unit, Data bus diagnostic interface, Fuse holder C

EX21	Heater and air conditioning controls
E653	Button for left seat heating
E654	Button for right seat heating
J65	Heater control unit
J255	Climatronic control unit
J301	Air conditioning system control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
K59	Heated driver seat warning lamp
K68	Heated front passenger seat warning lamp
SC	Fuse holder C
SC26	Fuse 26 on fuse holder C
SC51	Fuse 51 on fuse holder C
T20a	20-pin connector, red
T20b	20-pin connector, black
T73a	73-pin connector, black
77	Earth point, lower part of left B-pillar
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	According to equipment
*2	Only models with electric seat adjustment and memory function
*3	Only models with seat adjustment with massage function
*4	Only models with no adjustable seats

ws	=	white
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

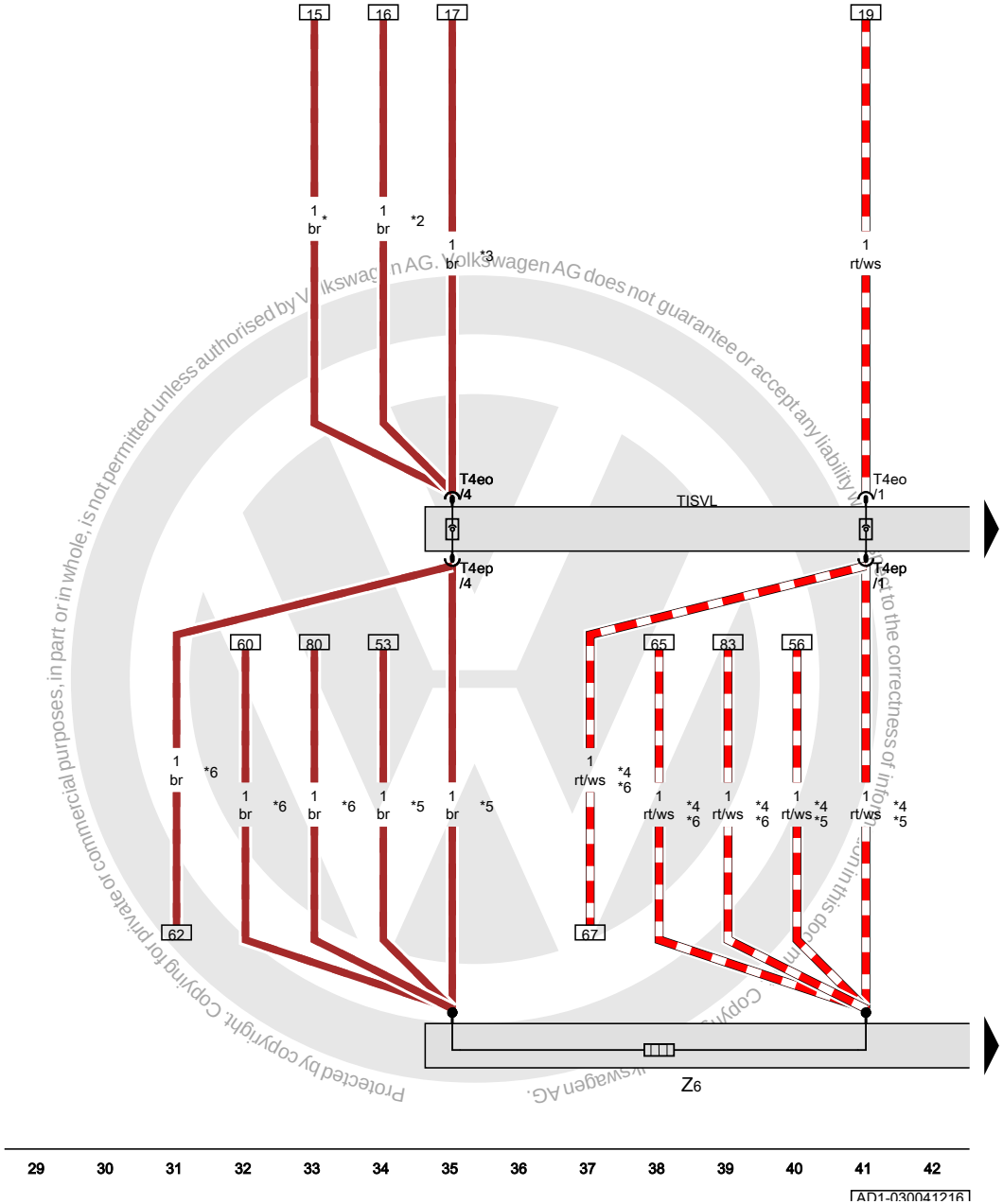
J519	Onboard supply control unit
T17a	17-pin connector, red
T17b	17-pin connector, red
T17c	17-pin connector, red
T17v	17-pin connector, red
T73a	73-pin connector, black
T73b	73-pin connector, black
TSVL	Coupling point for front left seat
TSVR	Coupling point for front right seat
95	Earth connection 1, in seat adjustment wiring harness
136	Earth connection 2, in seat heating wiring harness
145	Earth connection 3, in seat heating wiring harness
318	Earth connection 4, in seat heating wiring harness
412	Earth connection 3, in seat adjustment wiring harness
*	Only models with no adjustable seats
*2	Only models with electric seat adjustment and memory function
*3	Only models with seat adjustment with massage function
*4	From November 2016
*5	Up to November 2016

ws	=	white
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 driver seat

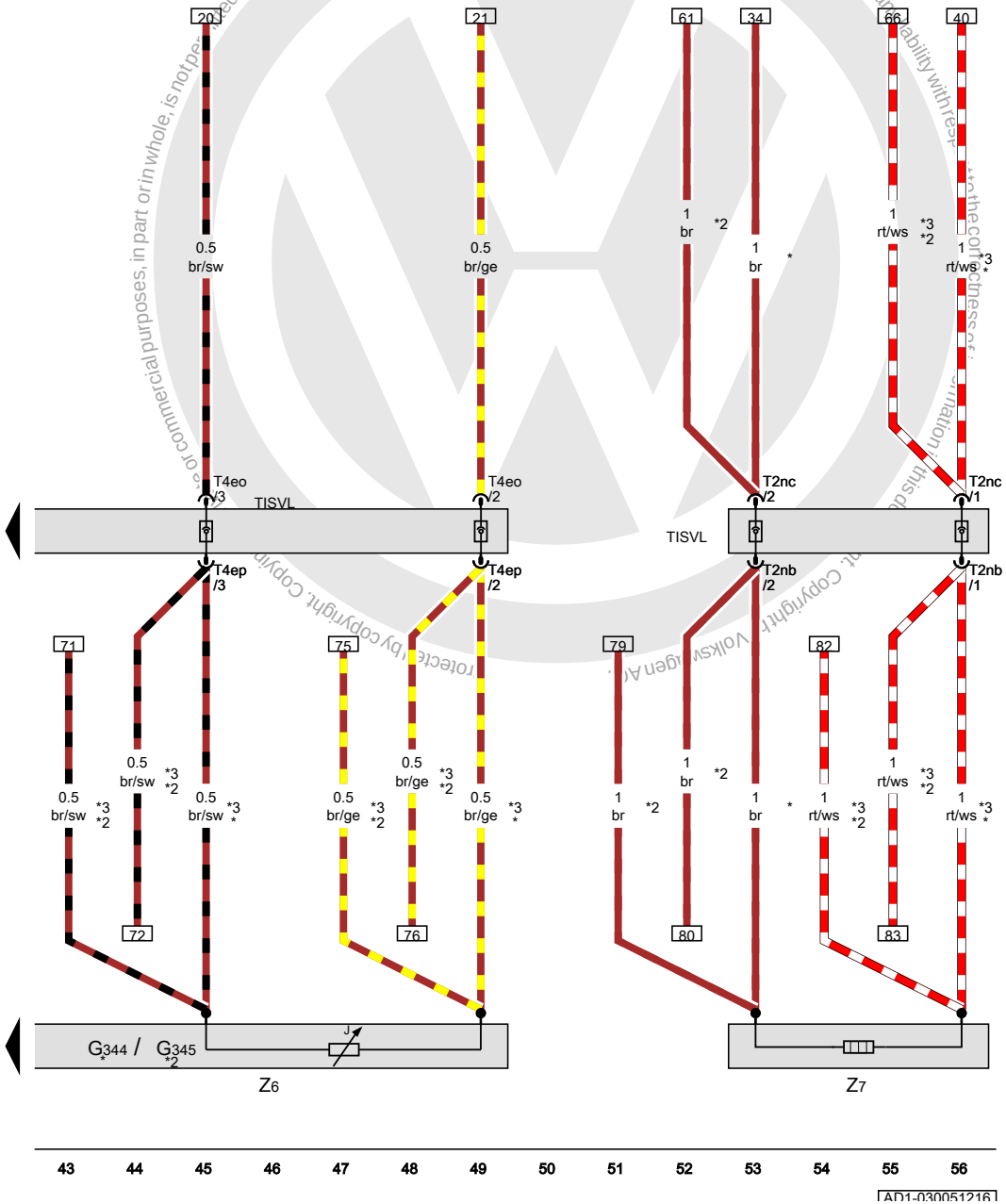
T4eo	4-pin connector, black
T4ep	4-pin connector, black
TISVL	Coupling point in front left seat
Z6	Heated seat cushion for driver seat
*	Only models with no adjustable seats
*2	Only models with electric seat adjustment and memory function
*3	Only models with seat adjustment with massage function
*4	Different wire colour possible
*5	Only left-hand drive models
*6	Only right-hand drive models



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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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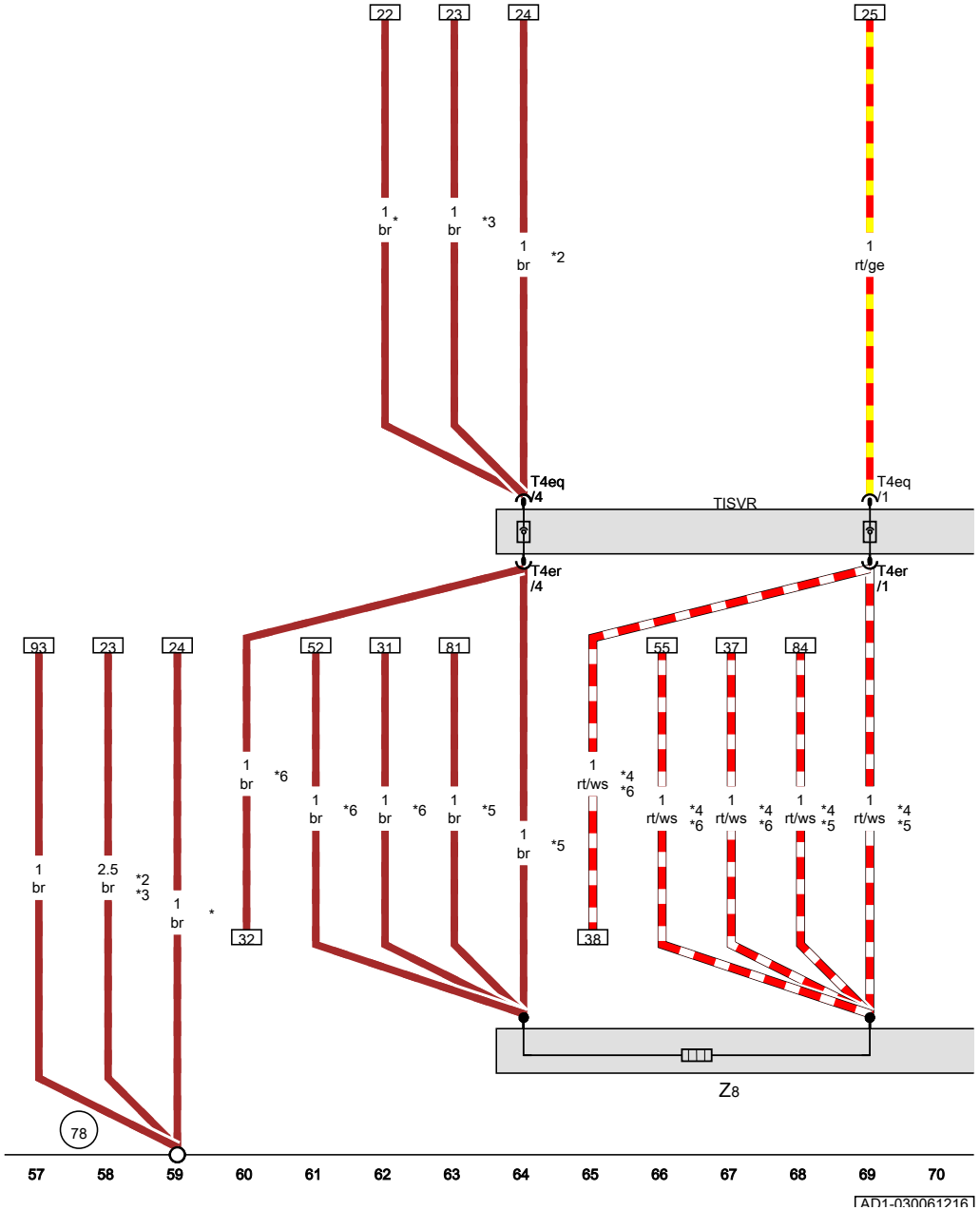
Heated seat cushion for driver seat, Heated backrest for driver seat

G344	Front left seat temperature sender
G345	Front right seat temperature sender
T2nb	2-pin connector, red
T2nc	2-pin connector, black
T4eo	4-pin connector, black
T4ep	4-pin connector, black
TISVL	Coupling point in front left seat
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
*	Only left-hand drive models
*2	Only right-hand drive models
*3	Different wire colour possible

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

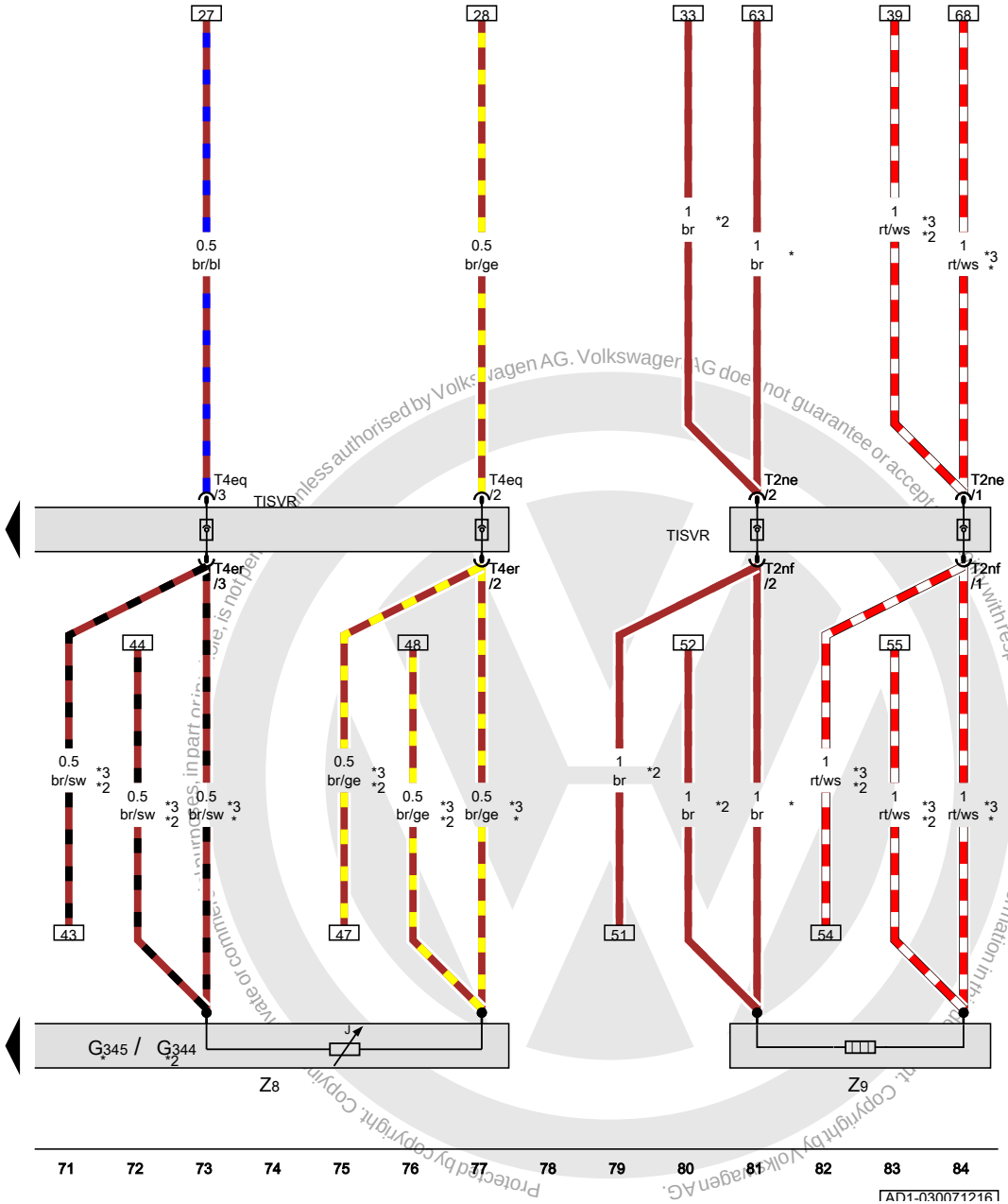
Heated seat cushion for front passenger seat

T4eq	4-pin connector, black
T4er	4-pin connector, black
TISVR	Coupling point in front right seat
Z8	Heated seat cushion for front passenger seat
78	Earth point, lower part of right B-pillar
*	Only models with no adjustable seats
*2	Only models with electric seat adjustment and memory function
*3	Only models with seat adjustment with massage function
*4	Different wire colour possible
*5	Only left-hand drive models
*6	Only right-hand drive models



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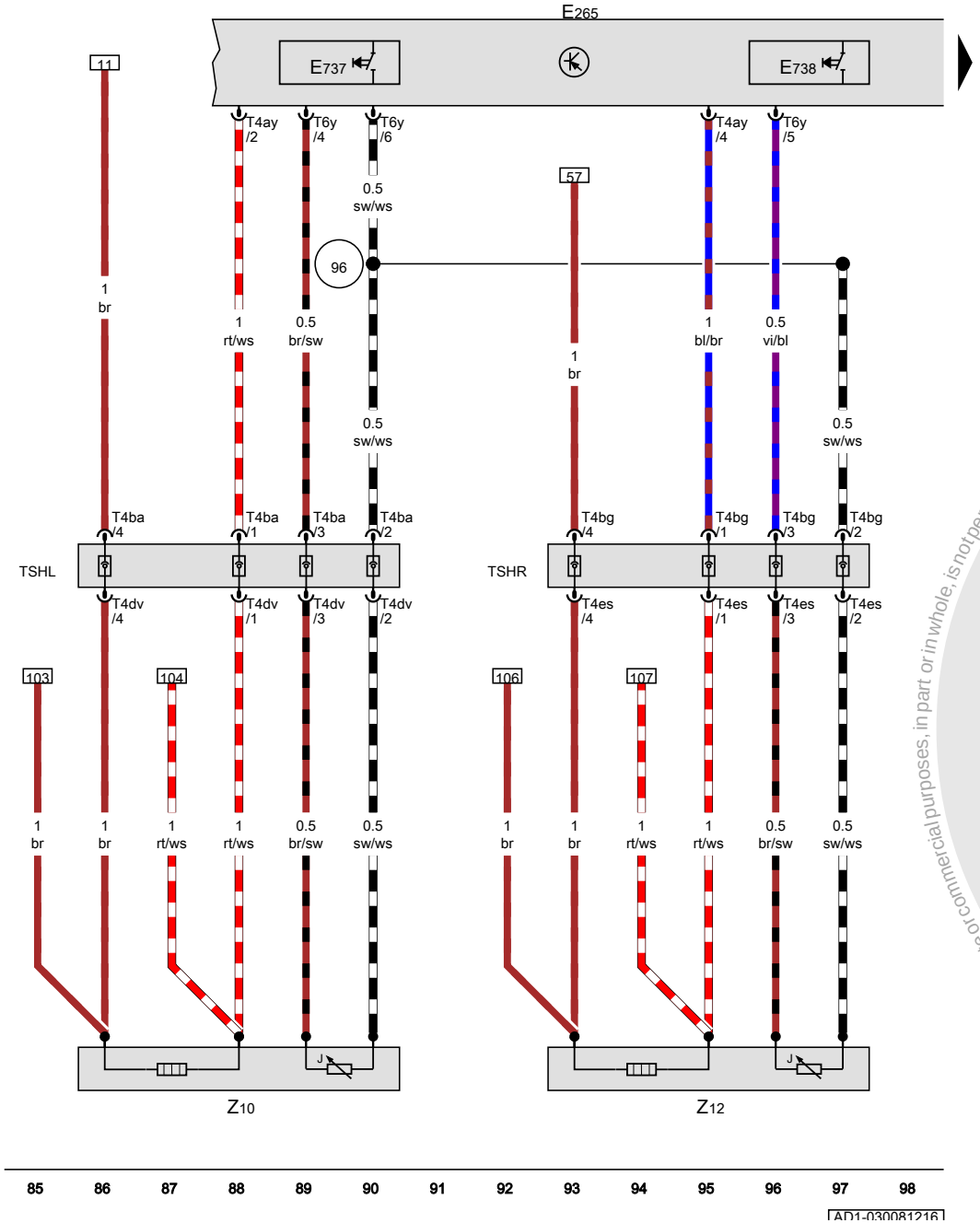


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

G344	Front left seat temperature sender
G345	Front right seat temperature sender
T2ne	2-pin connector, red
T2nf	2-pin connector, black
T4eq	4-pin connector, black
T4er	4-pin connector, black
TISVR	Coupling point in front right seat
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
*	Only left-hand drive models
*2	Only right-hand drive models
*3	Different wire colour possible

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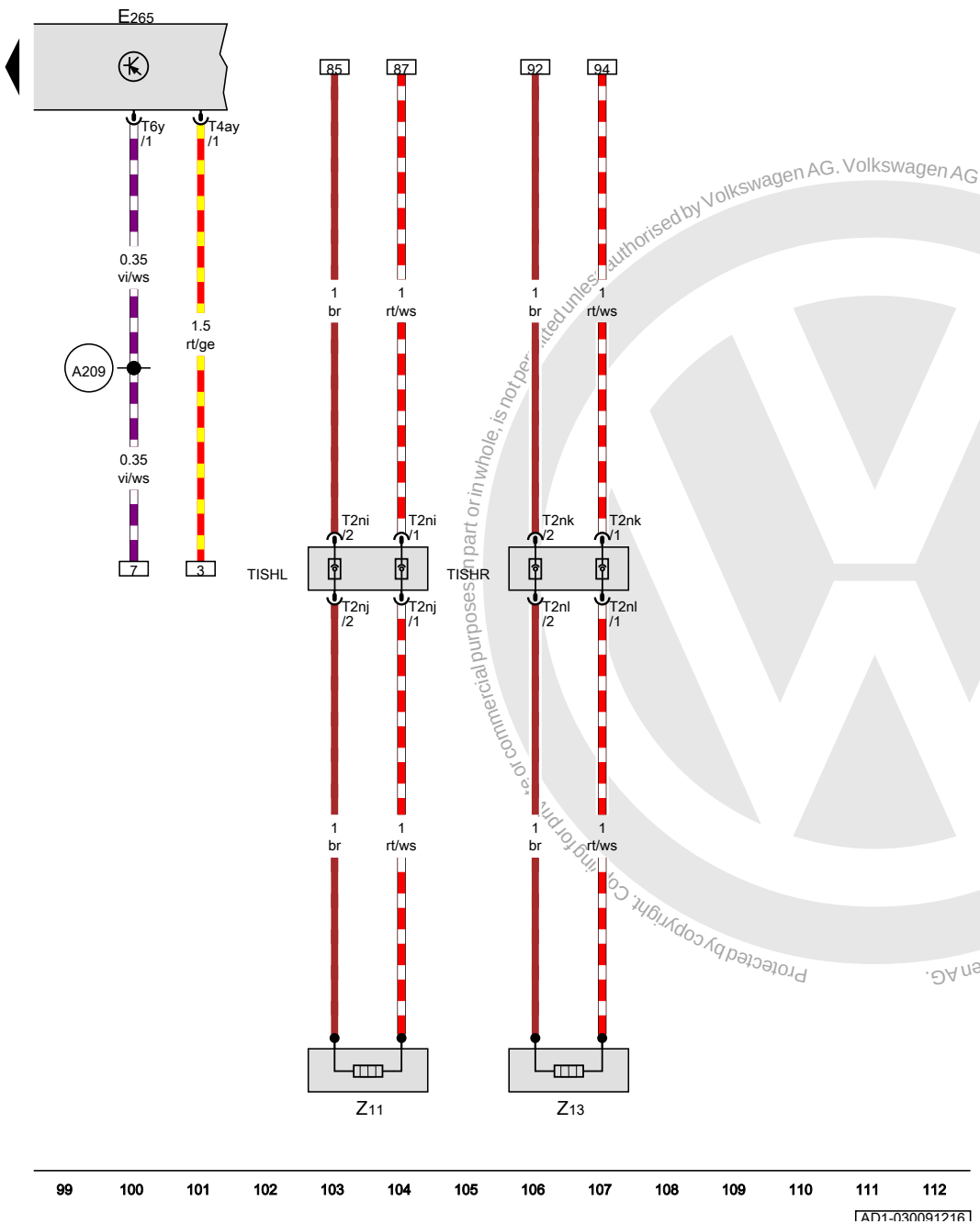


Operating and display unit for rear air conditioning system, Heated bench seat cushion for rear left seat, Heated bench seat cushion for rear right seat

E265	Operating and display unit for rear air conditioning system
E737	Button for rear left seat heating
E738	Button for rear right seat heating
T4ay	4-pin connector, black
T4ba	4-pin connector, black
T4bg	4-pin connector, black
T4dv	4-pin connector, black
T4es	4-pin connector, black
T6y	6-pin connector, black
TSHL	Coupling point for rear left seat
TSHR	Coupling point for rear right seat
Z10	Heated bench seat cushion for rear left seat
Z12	Heated bench seat cushion for rear right seat
96	Earth connection 1, 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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Operating and display unit for rear air conditioning system, Heated backrest for rear left seat, Heated backrest for rear right seat

E265	Operating and display unit for rear air conditioning system
T2ni	2-pin connector, red
T2nj	2-pin connector, red
T2nk	2-pin connector, red
T2nl	2-pin connector, red
T4ay	4-pin connector, black
T6y	6-pin connector, black
TISHL	Coupling point in rear left seat
TISHR	Coupling point in rear right seat
Z11	Heated backrest for rear left seat
Z13	Heated backrest for rear right seat
A209	Connection 1 (LIN bus) in dash panel wiring harness

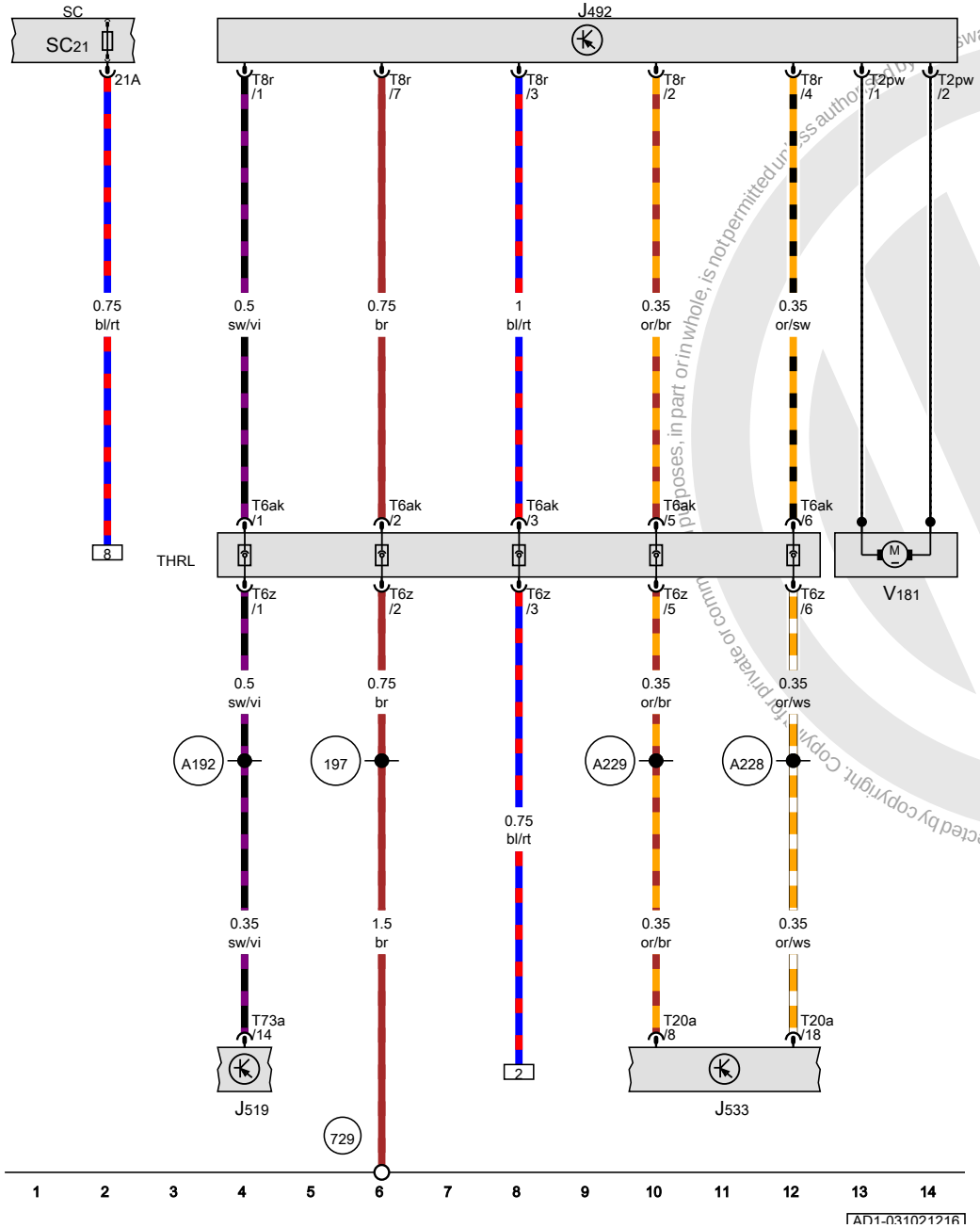
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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All-wheel drive , (1X1)

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All-wheel drive control unit, Onboard supply control unit, Data bus diagnostic interface, Fuse holder C, All-wheel drive coupling pump

J492	All-wheel drive control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
SC	Fuse holder C
SC21	Fuse 21 on fuse holder C
T2pw	2-pin connector, black
T6ak	6-pin connector, black
T6z	6-pin connector, black
T8r	8-pin connector, black
T20a	20-pin connector, red
T73a	73-pin connector, black
THRL	Coupling point in luggage compartment, left
V181	All-wheel drive coupling pump
197	Earth connection 4, in rear wiring harness
729	Earth point, on left rear wheel housing
A192	Positive connection 3 (15a) in dash panel wiring harness
A228	Connection 1 (running gear/dash panel insert CAN bus, high), in dash panel wiring harness
A229	Connection 1 (running gear/dash panel insert CAN bus, low), in dash panel wiring harness

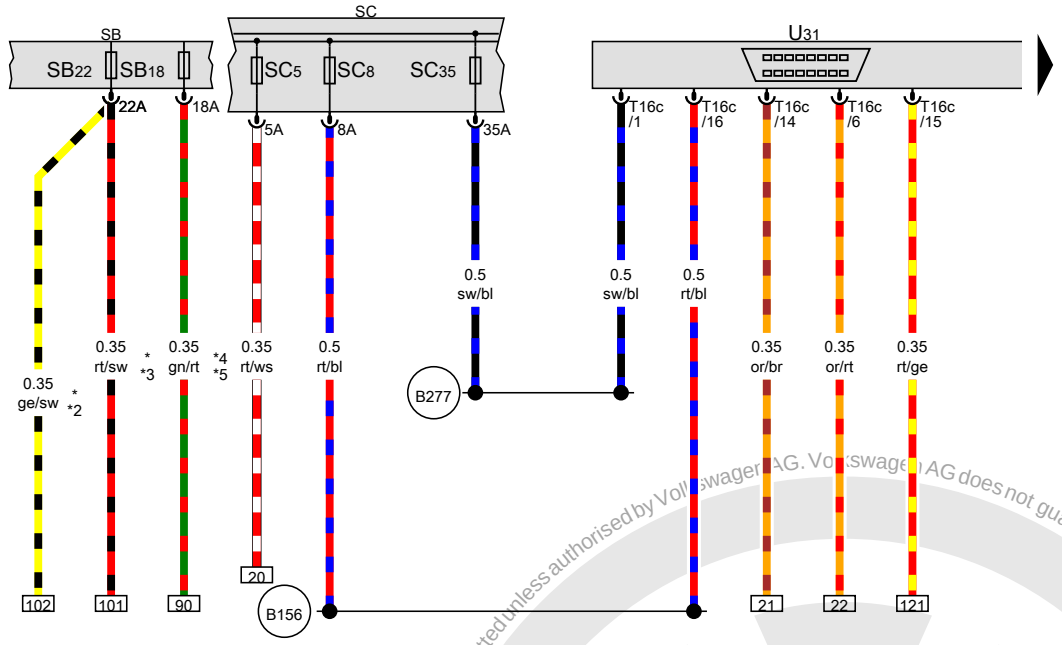
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gr	=	grey
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ge	=	yellow
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rs	=	pink

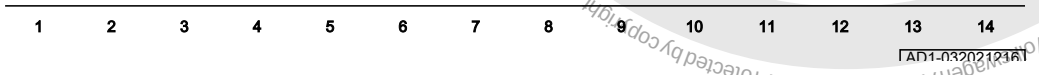
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Data bus network

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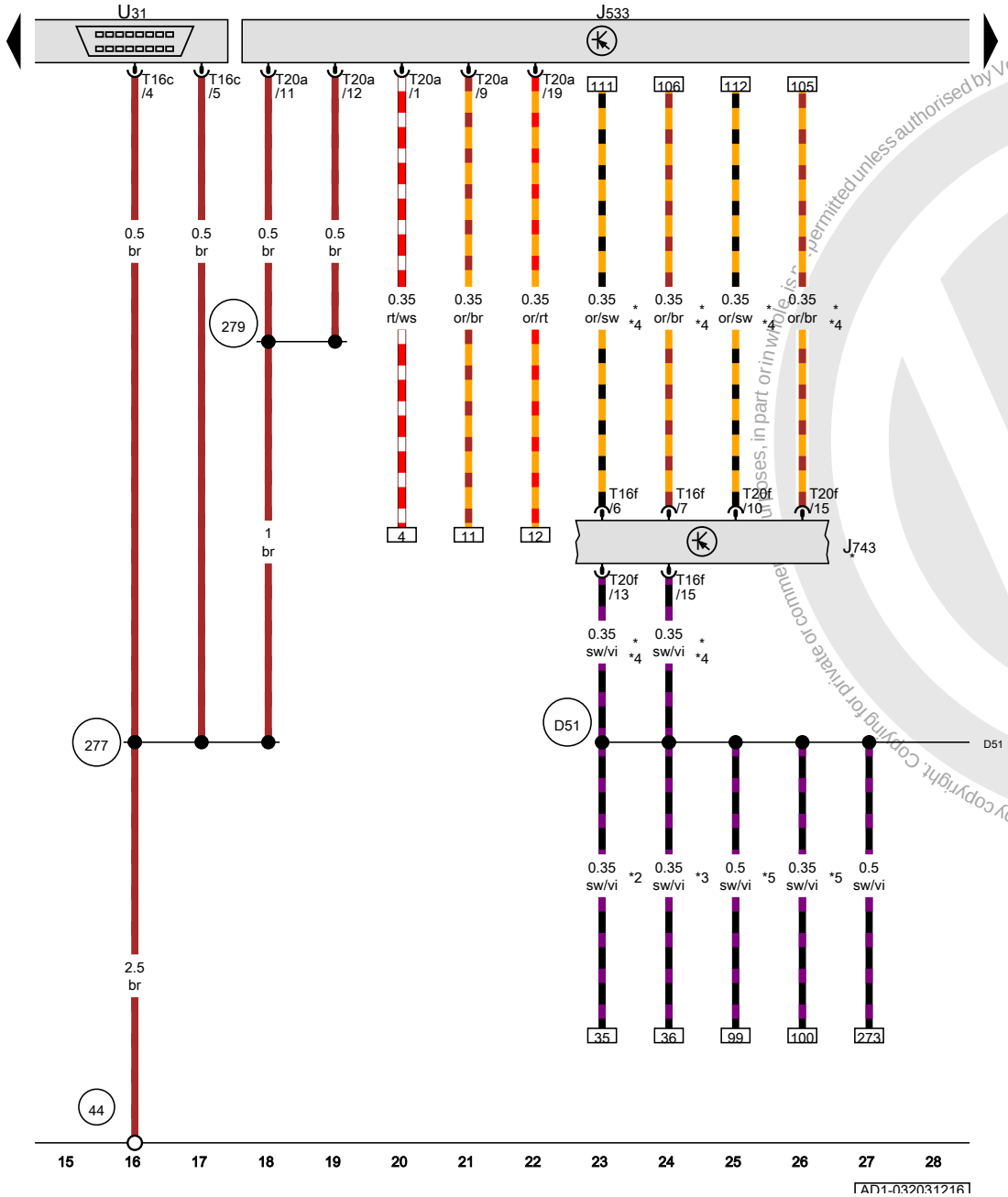
Fuse holder B, Fuse holder C, Diagnostic connection

SB	Fuse holder B
SC5	Fuse 5 on fuse holder C
SC8	Fuse 8 on fuse holder C
SB18	Fuse 18 on fuse holder B
SB22	Fuse 22 on fuse holder B
SC	Fuse holder C
SC35	Fuse 35 on fuse holder C
T16c	16-pin connector, black
U31	Diagnostic connection
B156	Positive connection (30a), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with 1.4l engine
*3	Only models with 2.0l engine
*4	From May 2016
*5	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, Mechatronic unit for dual clutch gearbox, Diagnostic connection

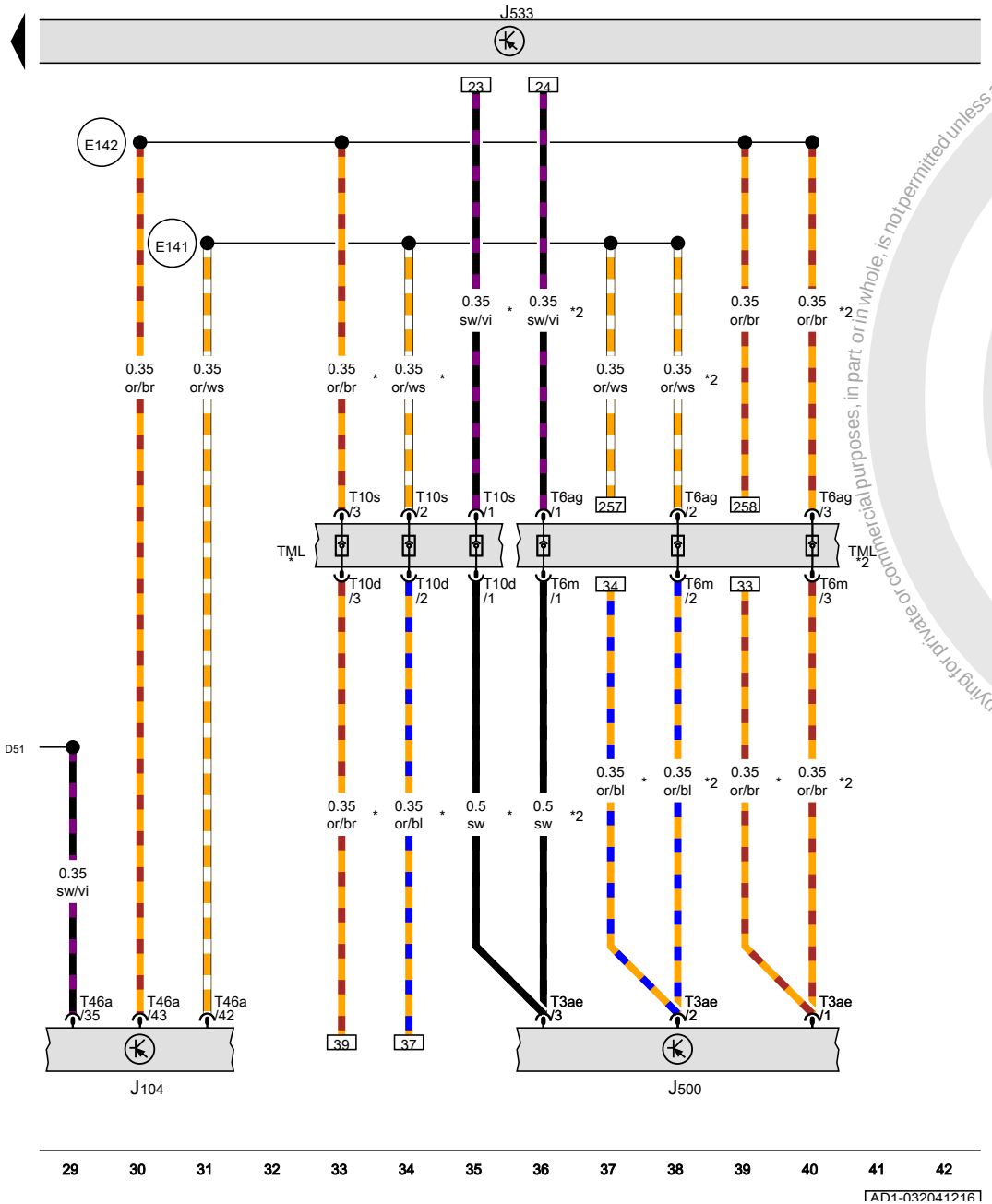


J533	Data bus diagnostic interface
J743	Mechatronic unit for dual clutch gearbox
T16c	16-pin connector, black
T16f	16-pin connector, black
T20a	20-pin connector, red
T20f	20-pin connector, black
U31	Diagnostic connection
44	Earth point, lower part of left A-pillar
277	Earth connection 3, in interior wiring harness
279	Earth connection 5, in interior wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
*	see applicable current flow diagram for dual clutch gearbox
*2	Only models with diesel engine
*3	Only models with petrol engine
*4	According to equipment
*5	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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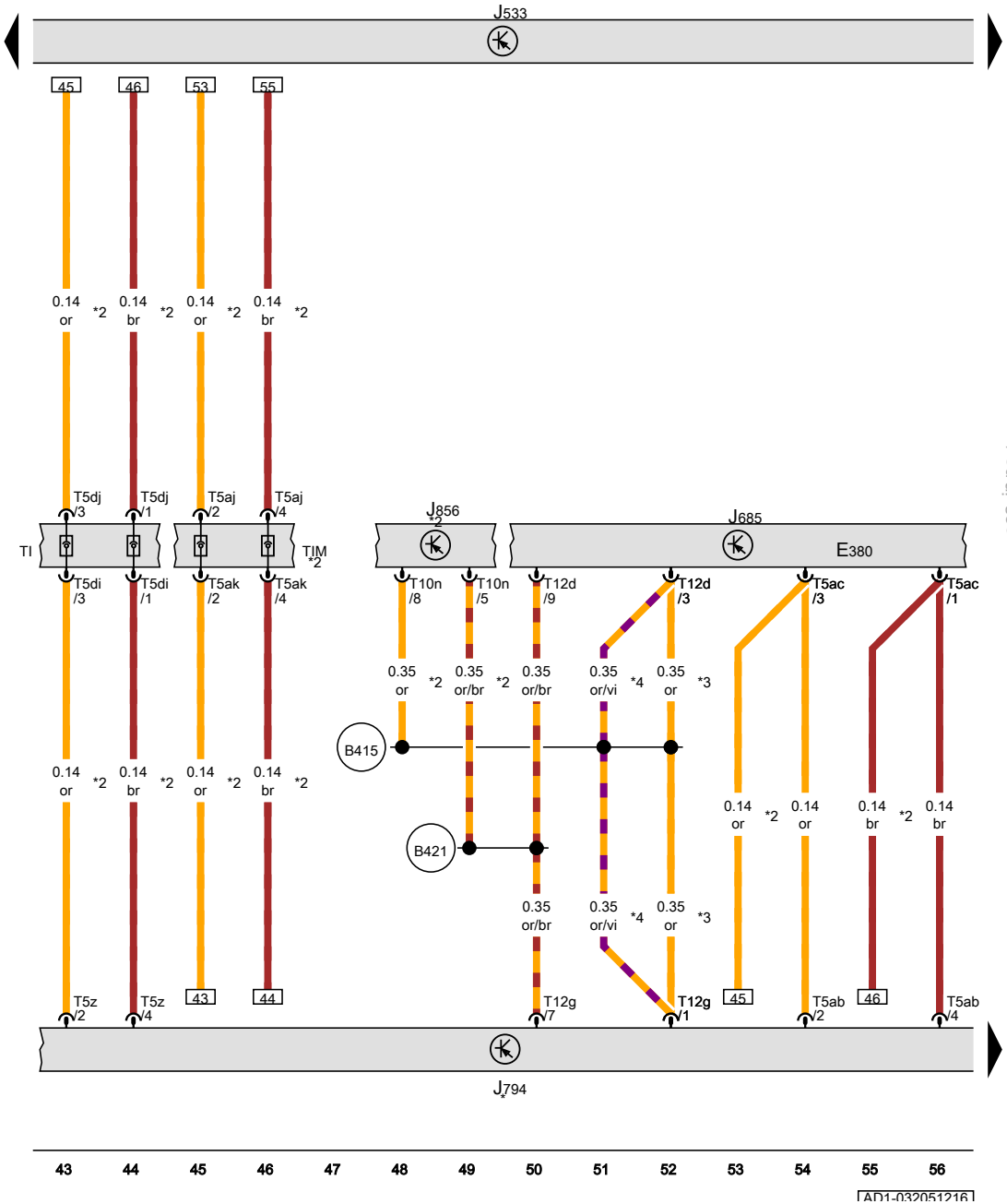
ABS control unit, Power steering control unit, Data bus diagnostic interface



J104	ABS control unit
J500	Power steering control unit
J533	Data bus diagnostic interface
T3ae	3-pin connector, black
T6ag	6-pin connector, black
T6m	6-pin connector, black
T10d	10-pin connector, black
T10s	10-pin connector, black
T46a	46-pin connector, black
TML	Coupling point in engine compartment, left
D51	Positive connection 1 (15), in engine compartment wiring harness
E141	Connection (running gear sensors CAN bus, high), in engine compartment wiring harness
E142	Connection (running gear sensors CAN bus, low), in engine compartment wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine
*3	Only models with equipment for Korea

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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Multimedia system operating unit, Data bus diagnostic interface, Display unit for front information display and operating unit control unit, Control unit 1 for information electronics

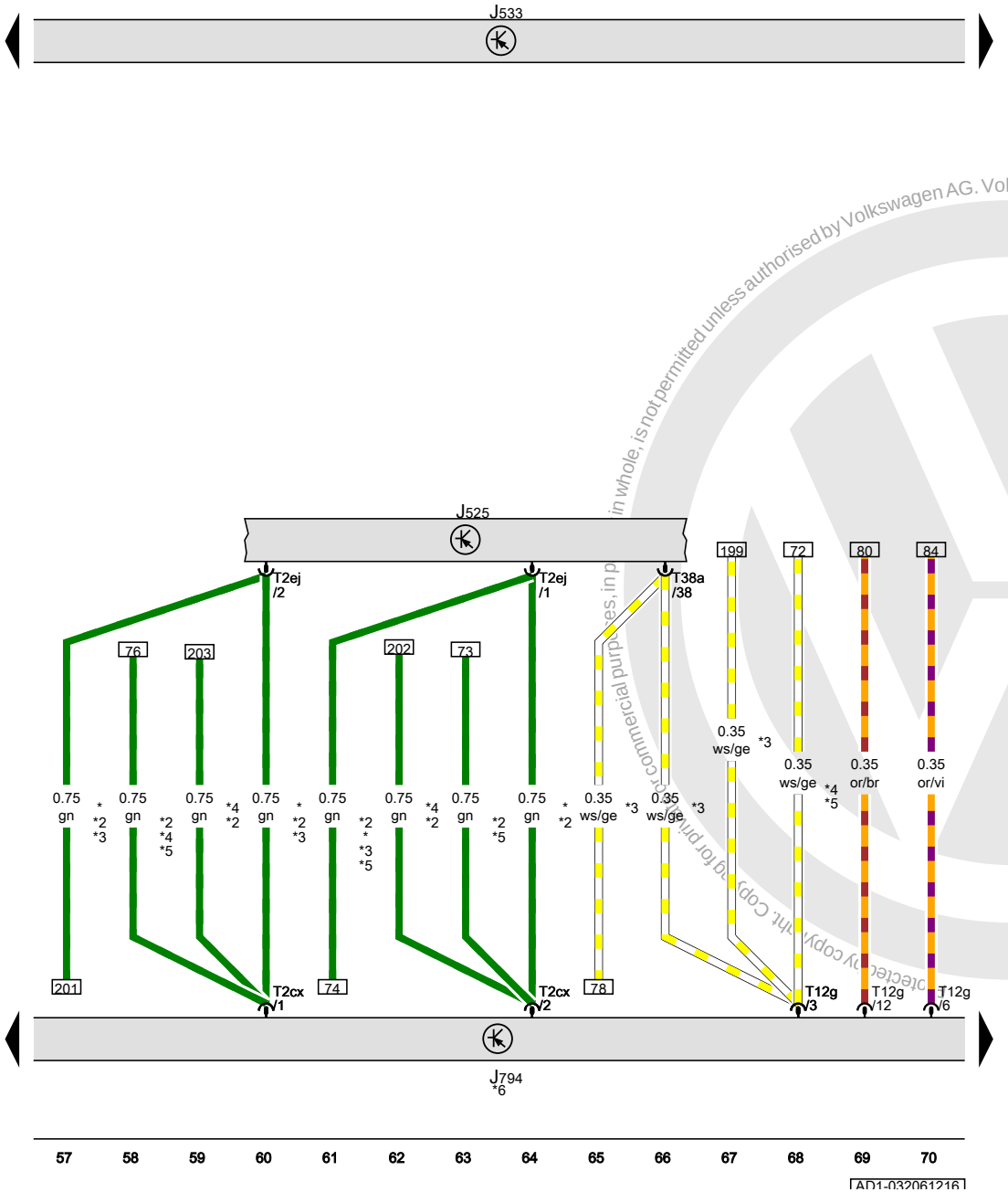
E380	Multimedia system operating unit
J533	Data bus diagnostic interface
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
J856	Control unit for navigation system
T5ab	5-pin connector, purple
T5ac	5-pin connector, black
T5aj	5-pin connector, white
T5ak	5-pin connector, white
T5di	5-pin connector, black
T5dj	5-pin connector, black
T5z	5-pin connector, blue
T10n	10-pin connector, black
T12d	12-pin connector, black
T12g	12-pin connector, grey
TI	Coupling point in interior
TIM	Coupling point in interior, centre
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
*	Different connector colour possible
*2	Only models with equipment for Korea
*3	From May 2016
*4	Up to May 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics

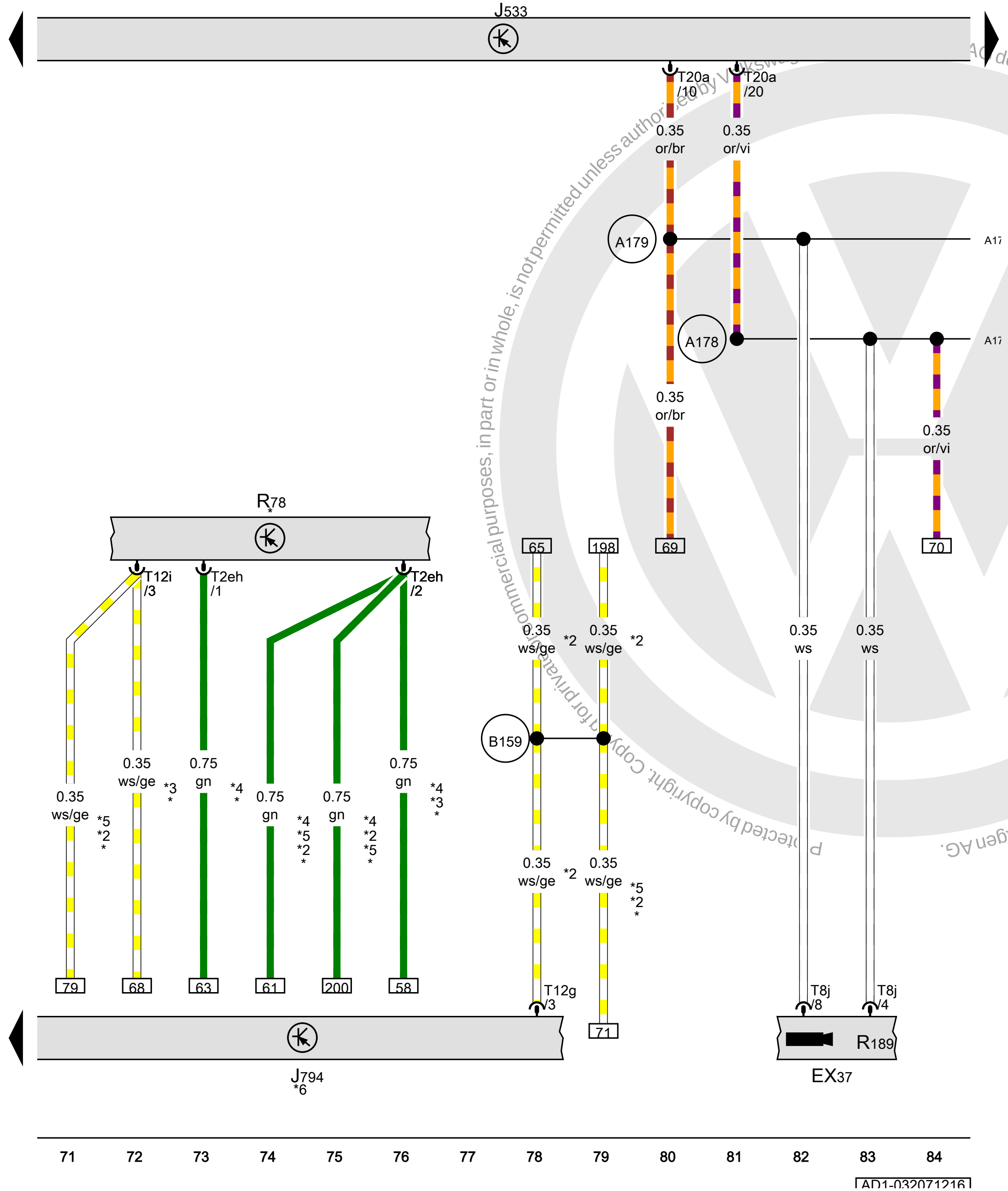
J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
T2cx	2-pin connector, black
T2ej	2-pin connector, black
T12g	12-pin connector, grey
T38a	38-pin connector, black
*	Only models with sound system
*2	Fibre optic cable (FOC)
*3	According to equipment
*4	Only models with no sound system
*5	Only models with TV tuner
*6	Different connector colour possible



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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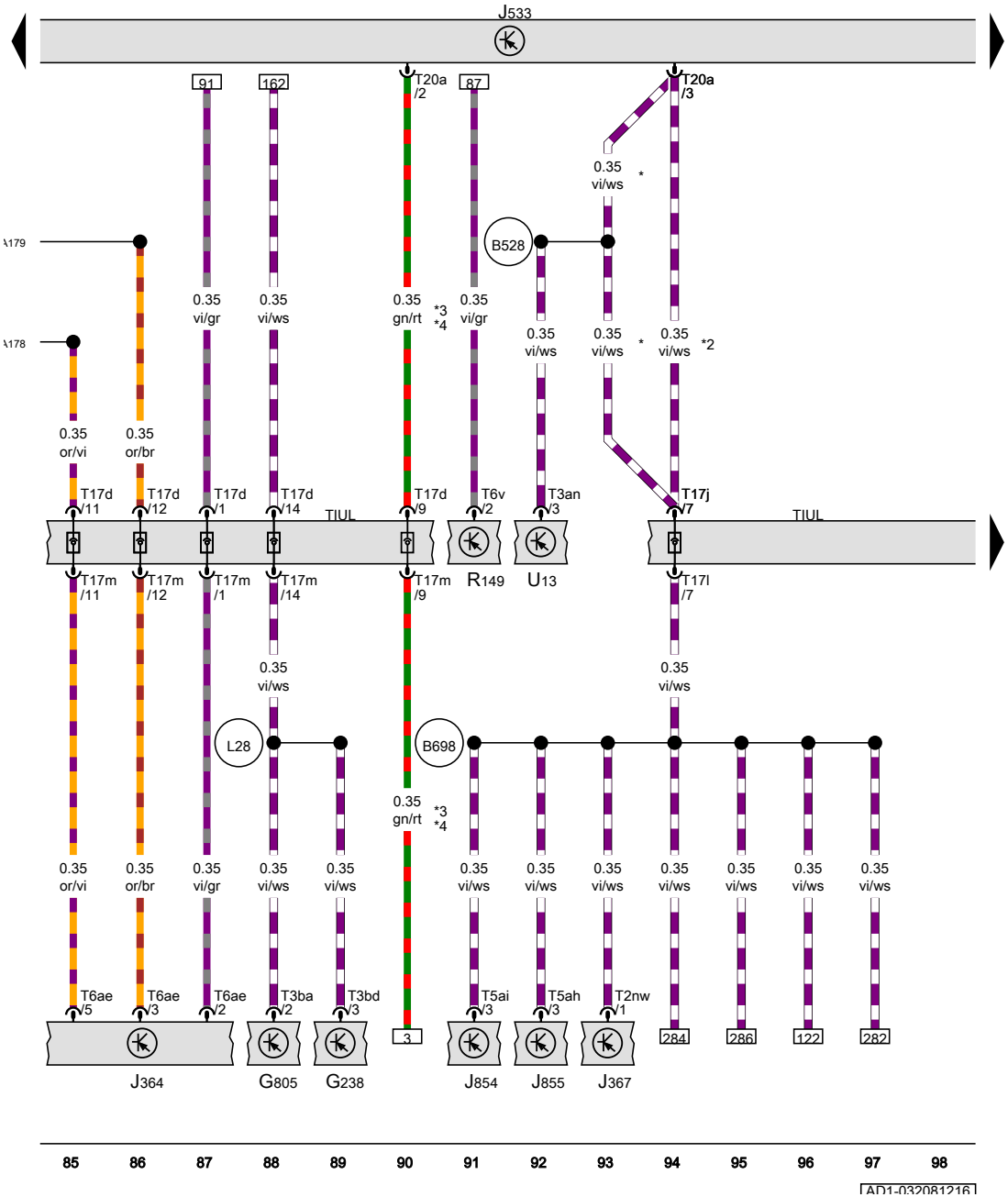
Rear lid handle, Data bus diagnostic interface, Control unit 1 for information electronics, Reversing camera



EX37	Rear lid handle
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R78	TV tuner
R189	Reversing camera
T2eh	2-pin connector, black
T8j	8-pin connector, black
T12g	12-pin connector, grey
T12i	12-pin connector, black
T20a	20-pin connector, red
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B159	Connection (diagnosis), in interior wiring harness
*	Only models with TV tuner
*2	According to equipment
*3	Only models with no sound system
*4	Fibre optic cable (FOC)
*5	Only models with sound system
*6	Different connector colour possible

ws = white
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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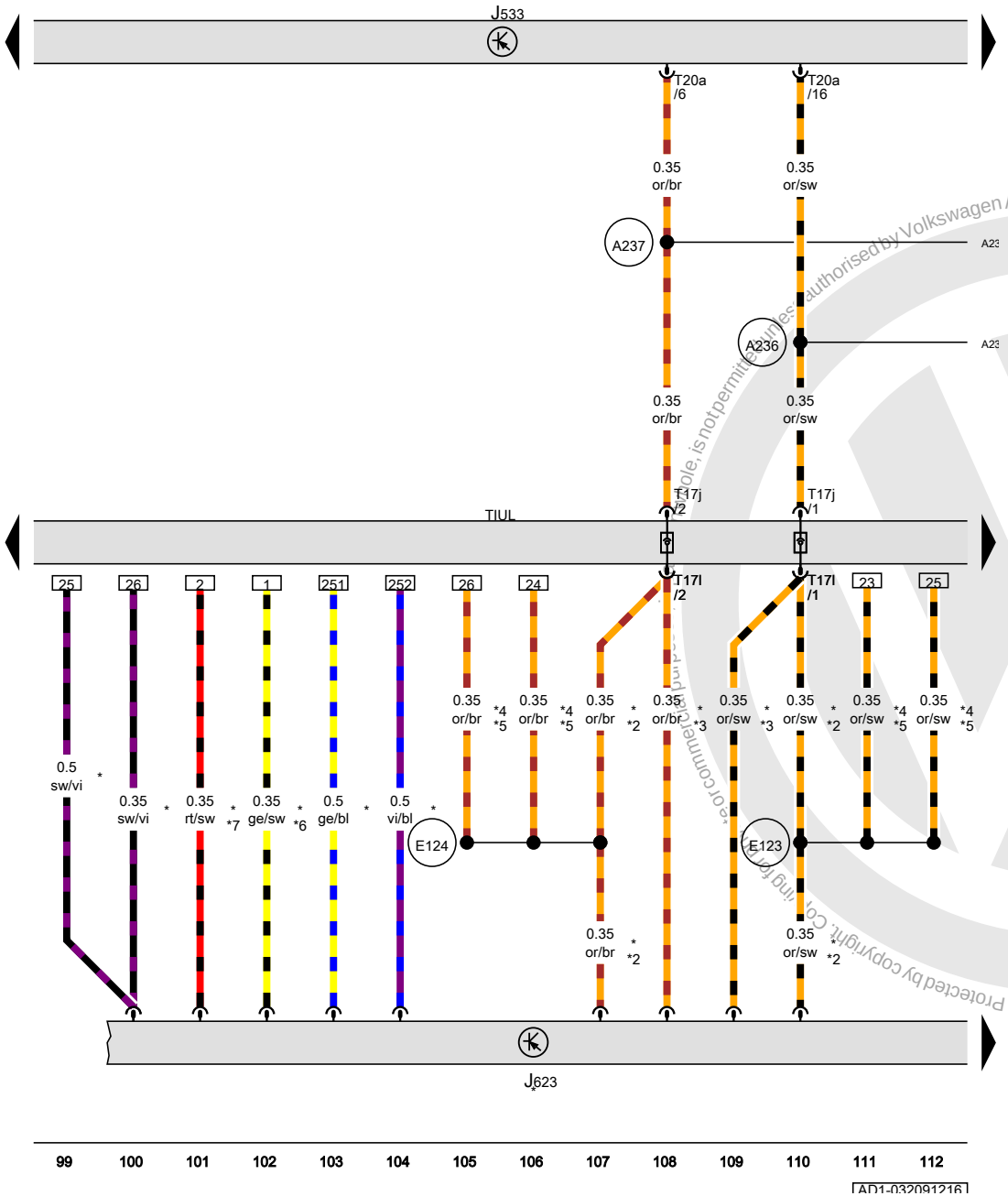


ws = white
sw = black
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gn = green
bl = blue
gr = grey
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vi = purple
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Air quality sensor, Pressure sender for refrigerant circuit, Auxiliary heater control unit, Battery monitor control unit, Data bus diagnostic interface, Control unit for front left belt tensioner, Control unit for front right belt tensioner, Remote control receiver for auxiliary coolant heater, DC/AC converter with socket, 12 V - 230 V

G238	Air quality sensor
G805	Pressure sender for refrigerant circuit
J364	Auxiliary heater control unit
J367	Battery monitor control unit
J533	Data bus diagnostic interface
J854	Control unit for front left belt tensioner
J855	Control unit for front right belt tensioner
R149	Remote control receiver for auxiliary coolant heater
T2nw	2-pin connector, black
T3an	3-pin connector, black
T3ba	3-pin connector, black
T3bd	3-pin connector, grey
T5ah	5-pin connector, colourless
T5ai	5-pin connector, colourless
T6ae	6-pin connector, black
T6v	6-pin connector, blue
T17d	17-pin connector, red
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T17m	17-pin connector, red
T20a	20-pin connector, red
TIUL	Coupling point in interior, below left
U13	DC/AC converter with socket, 12 V - 230 V
A178	Connection (infotainment CAN bus, high), in dash panel wiring harness
A179	Connection (infotainment CAN bus, low), in dash panel wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
L28	Connection, in engine compartment wiring harness, Climatronic
*	Only models with DC/AC converter
*2	Only models with no DC/AC converter
*3	From May 2016
*4	According to equipment

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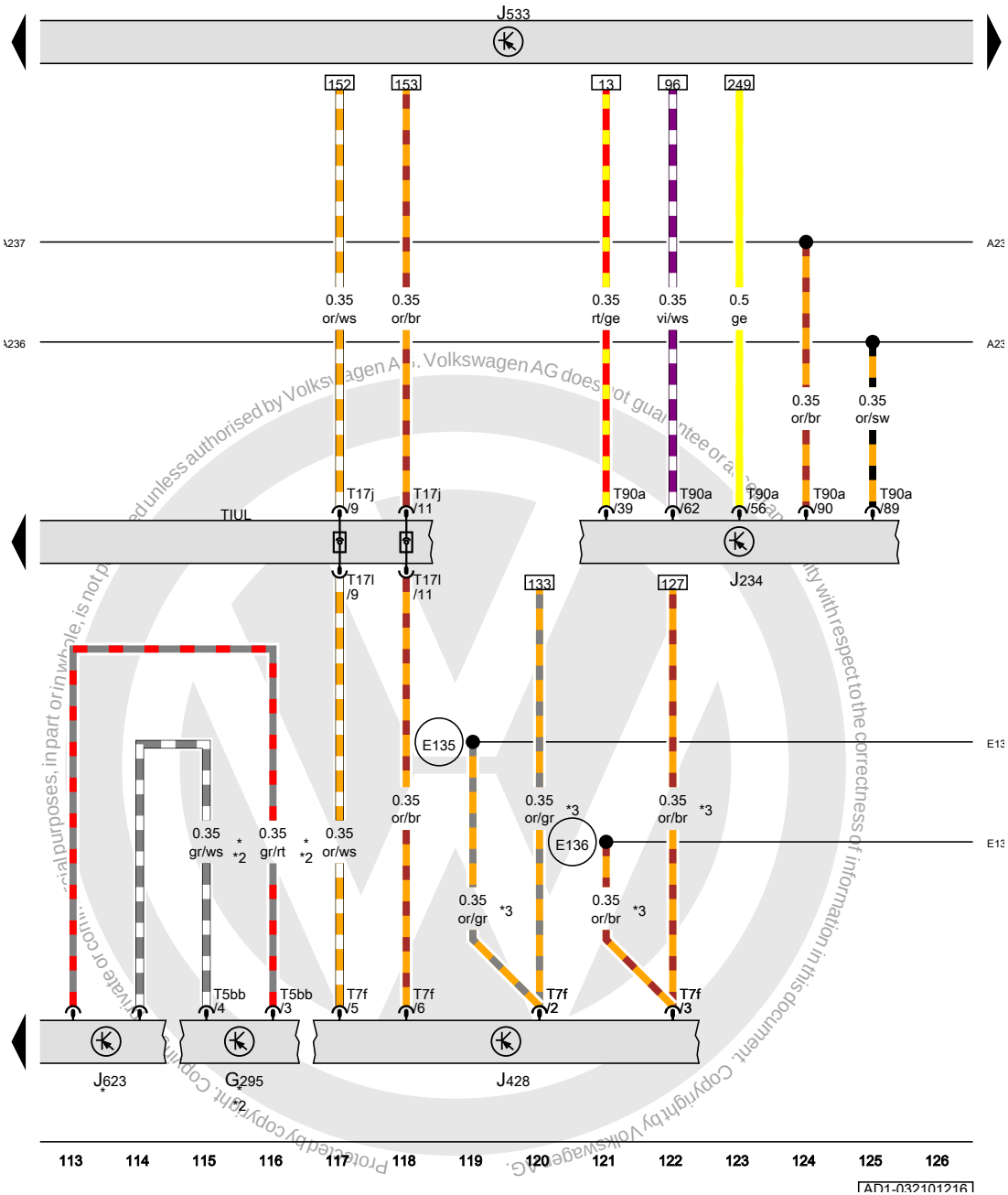


Data bus diagnostic interface, Engine control unit

J533	Data bus diagnostic interface
J623	Engine control unit
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T20a	20-pin connector, red
TIUL	Coupling point in interior, below left
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	see applicable current flow diagram for engine
*2	Only models with dual clutch gearbox
*3	Only models with manual gearbox
*4	see applicable current flow diagram for dual clutch gearbox
*5	According to equipment
*6	Only models with 1.4l engine
*7	Only models with 2.0l engine

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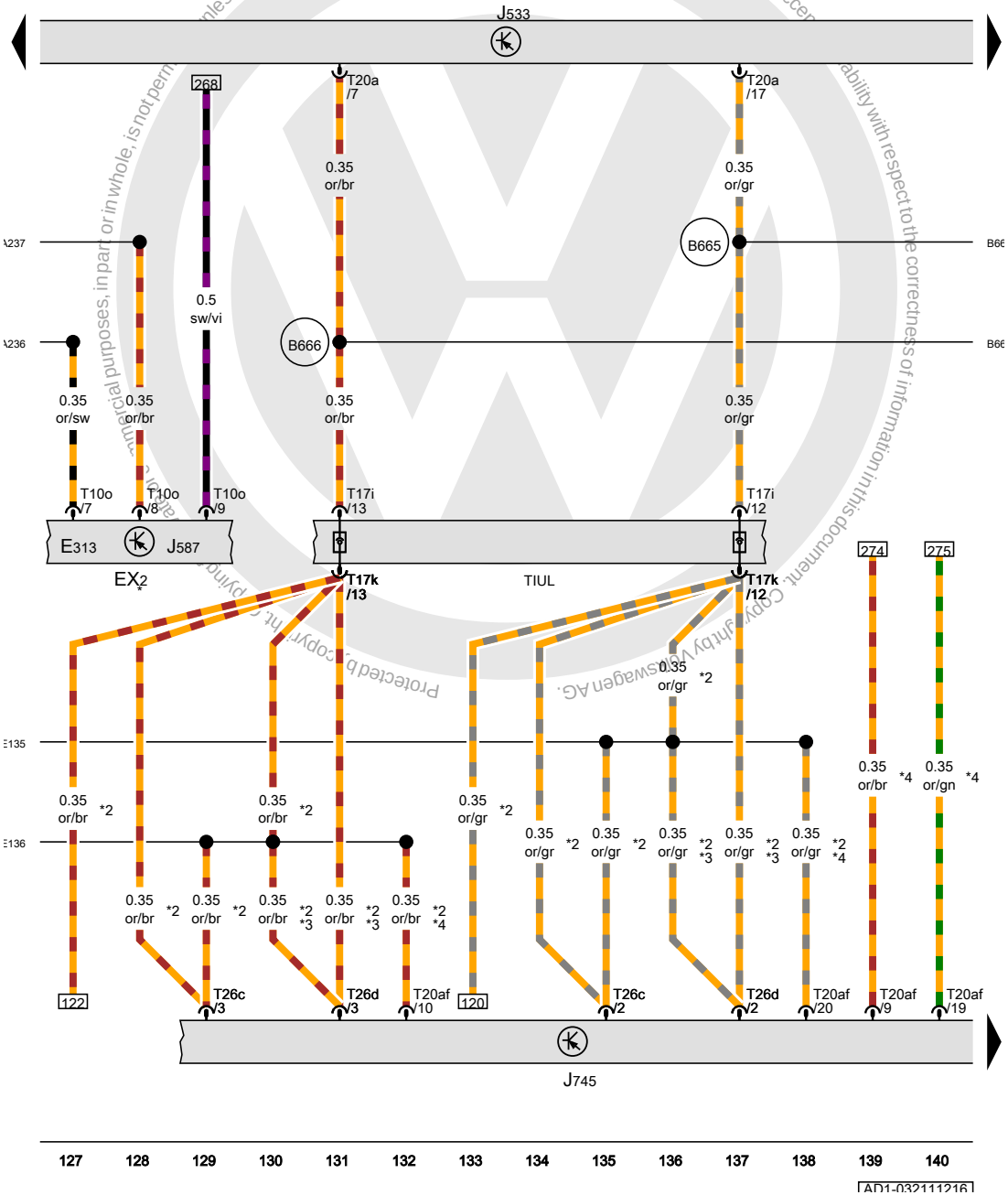


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NOx sender, Airbag control unit, Adaptive cruise control unit, Data bus diagnostic interface, Engine control unit

G295	NOx sender
J234	Airbag control unit
J428	Adaptive cruise control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T5bb	5-pin connector, black
T7f	7-pin connector, black
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T90a	90-pin connector, yellow
TIUL	Coupling point in interior, below left
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
E135	Connection (CAN bus extended high), in engine compartment wiring harness
E136	Connection (CAN bus extended low), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Only models with reducing agent metering system
*3	see applicable current flow diagram

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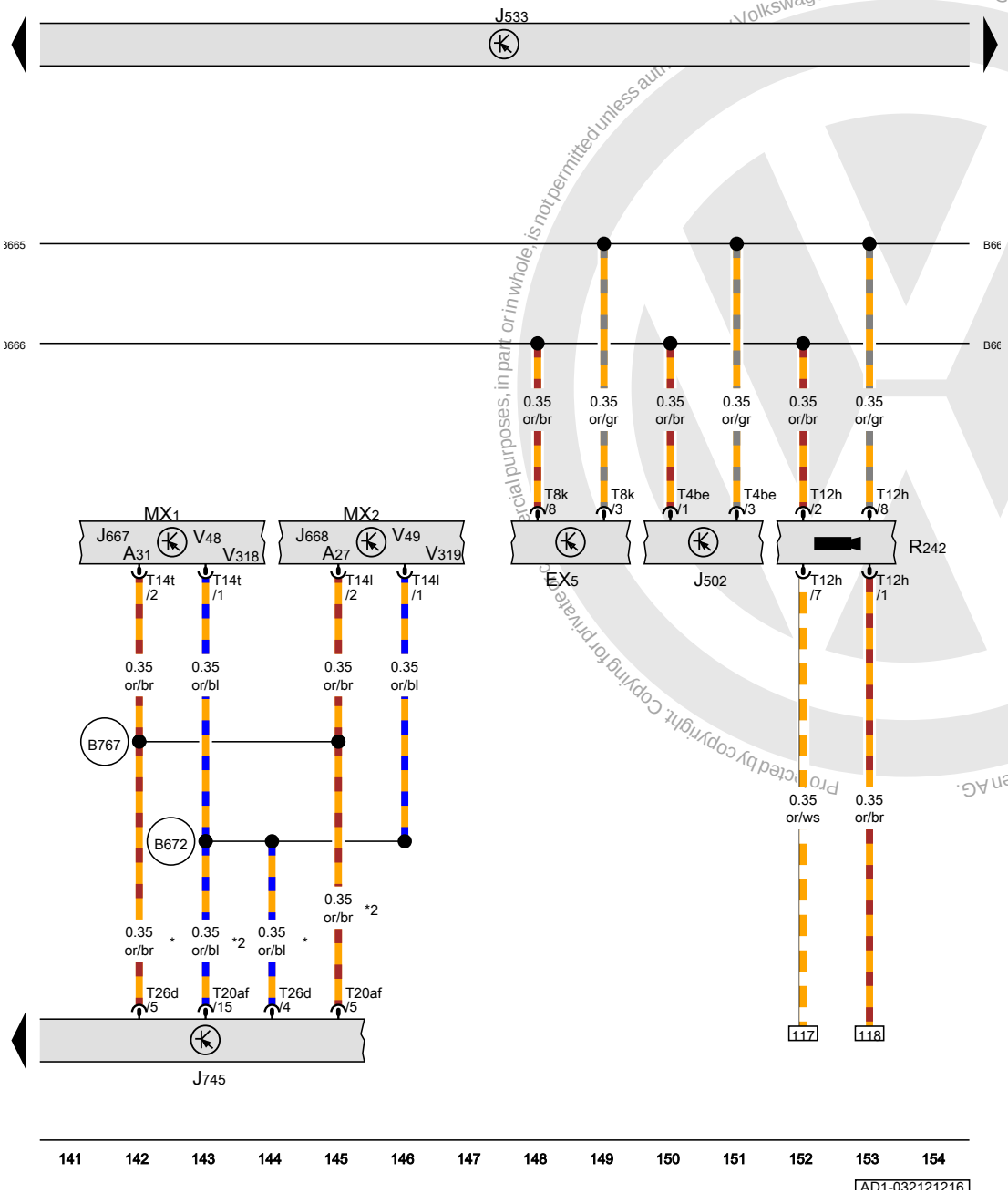


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Selector mechanism, Selector lever, Data bus diagnostic interface, Selector lever sensors control unit, Coupling point in interior, below left

EX2	Selector mechanism
E313	Selector lever
J533	Data bus diagnostic interface
J587	Selector lever sensors control unit
J745	Control unit for cornering light and headlight range control
T10o	10-pin connector, black
T17i	17-pin connector, black
T17k	17-pin connector, black
T20a	20-pin connector, red
T20af	20-pin connector, brown
T26c	26-pin connector, black
T26d	26-pin connector, white
TIUL	Coupling point in interior, below left
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
E135	Connection (CAN bus extended high), in engine compartment wiring harness
E136	Connection (CAN bus extended low), in engine compartment wiring harness
*	Pre-wired component
*2	see applicable current flow diagram
*3	Up to November 2016
*4	From November 2016

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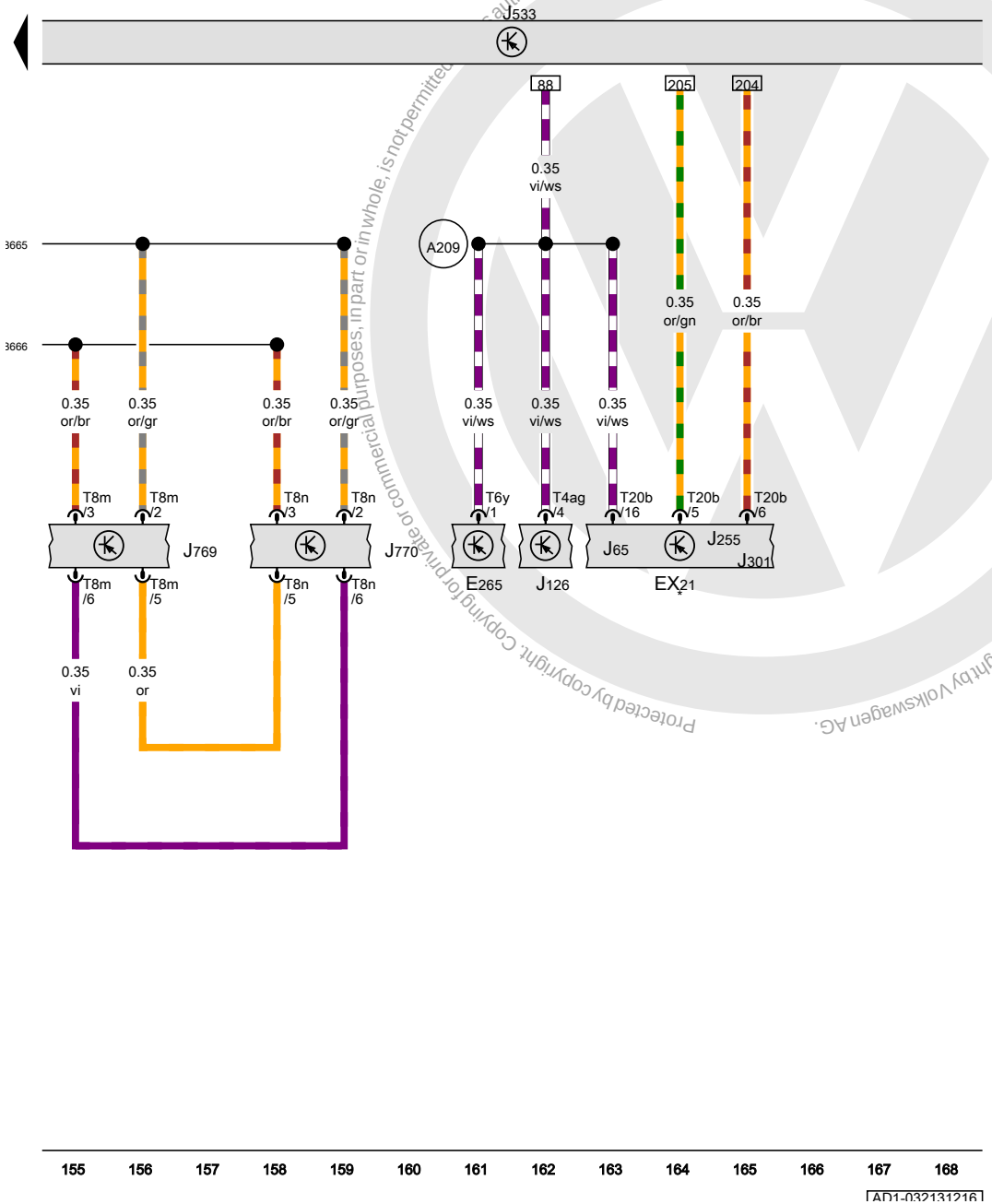
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Output module 1 for right LED headlight, Output module 1 for left LED headlight, Interior mirror, Tyre Pressure Monitoring System control unit, Data bus diagnostic interface, Output module for left headlight, Output module for right headlight, Front left headlight, Front right headlight, Front camera for driver assist systems, Left headlight range control motor, Right headlight range control motor, Left dynamic cornering light control motor, Right dynamic cornering light control motor

A27	Output module 1 for right LED headlight
A31	Output module 1 for left LED headlight
EX5	Interior mirror
J502	Tyre Pressure Monitoring System control unit
J533	Data bus diagnostic interface
J667	Output module for left headlight
J668	Output module for right headlight
J745	Control unit for cornering light and headlight range control
MX1	Front left headlight
MX2	Front right headlight
R242	Front camera for driver assist systems
T4be	4-pin connector, grey
T8k	8-pin connector, black
T12h	12-pin connector, black
T14l	14-pin connector, black
T14t	14-pin connector, black
T20af	20-pin connector, brown
T26d	26-pin connector, white
V48	Left headlight range control motor
V49	Right headlight range control motor
V318	Left dynamic cornering light control motor
V319	Right dynamic cornering light control motor
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
B672	Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
B767	Connection 2 (low bus), in interior wiring harness
*	Up to November 2016
*2	From November 2016

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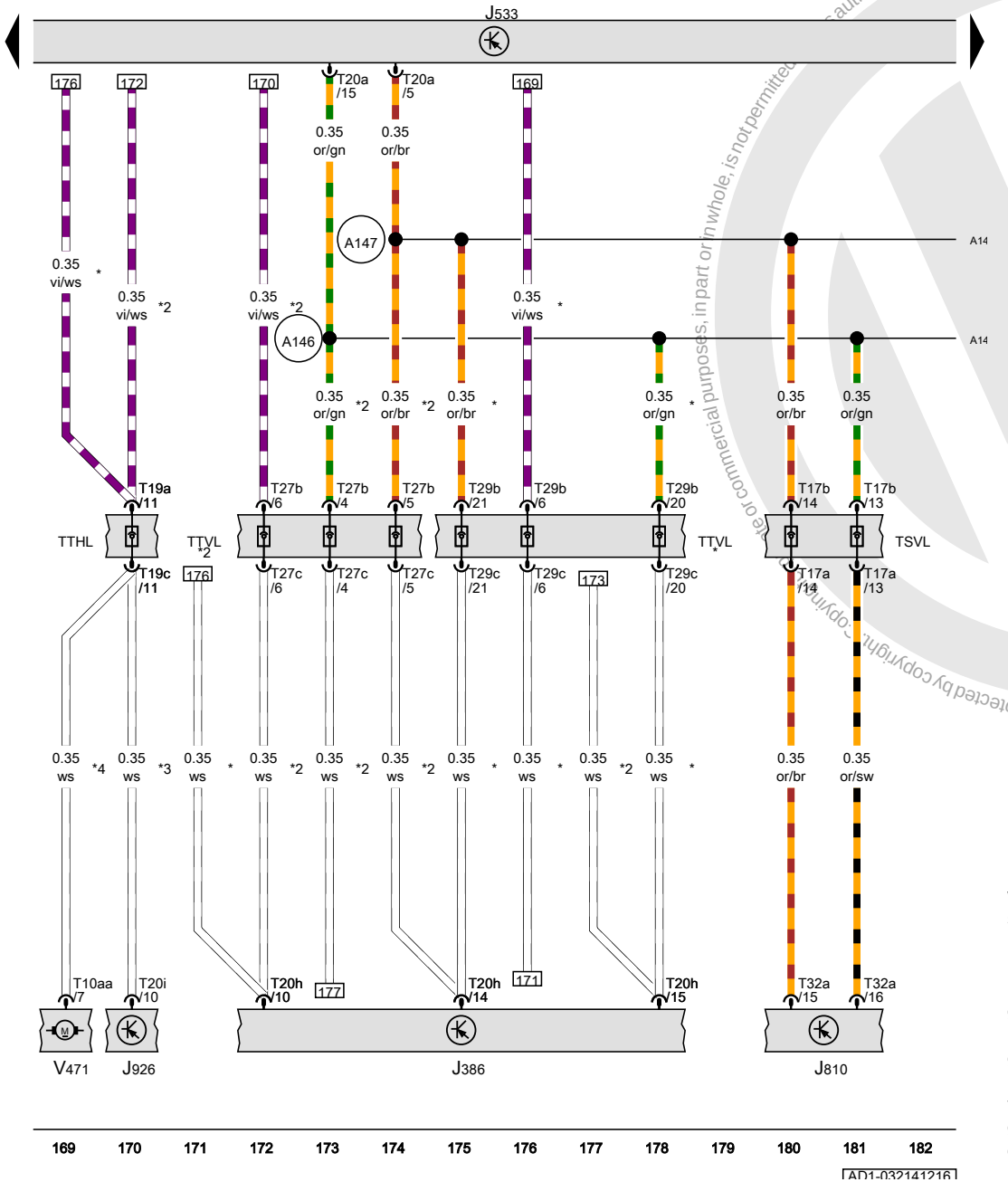
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Heater and air conditioning controls, Operating and display unit for rear air conditioning system, Heater control unit, Fresh air blower control unit, Climatronic control unit, Air conditioning system control unit, Data bus diagnostic interface, Lane change assist control unit, Lane change assist control unit 2

EX21	Heater and air conditioning controls
E265	Operating and display unit for rear air conditioning system
J65	Heater control unit
J126	Fresh air blower control unit
J255	Climatronic control unit
J301	Air conditioning system control unit
J533	Data bus diagnostic interface
J769	Lane change assist control unit
J770	Lane change assist control unit 2
T4ag	4-pin connector, black
T6y	6-pin connector, black
T8m	8-pin connector, black
T8n	8-pin connector, black
T20b	20-pin connector, black
A209	Connection 1 (LIN bus) in dash panel wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
*	see applicable current flow diagram

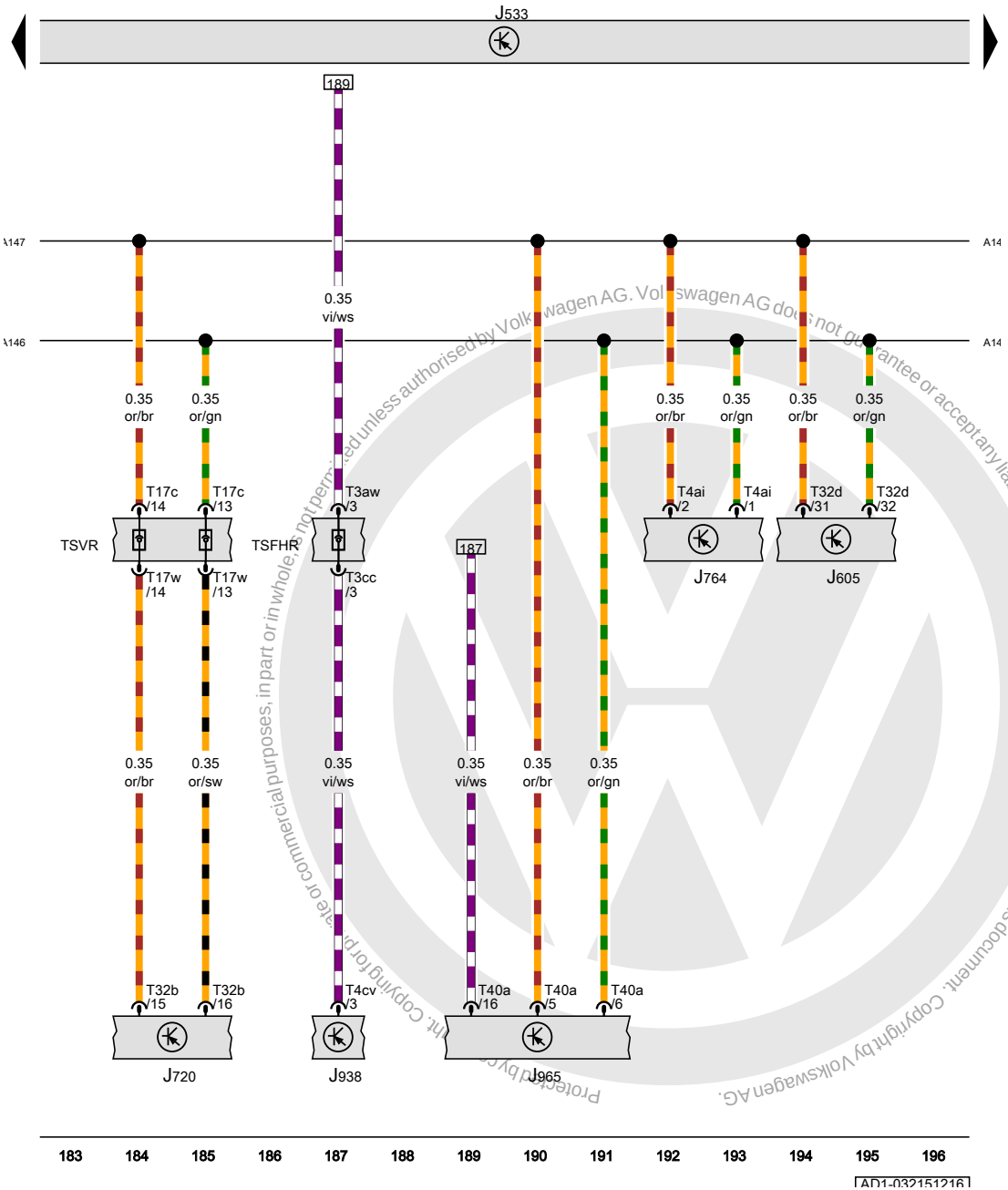


Driver door control unit, Data bus diagnostic interface, Driver seat adjustment control unit, Rear driver side door control unit, Rear driver side window regulator motor

J386	Driver door control unit
J533	Data bus diagnostic interface
J810	Driver seat adjustment control unit
J926	Rear driver side door control unit
T10aa	10-pin connector, black
T17a	17-pin connector, red
T17b	17-pin connector, red
T19a	19-pin connector, black
T19c	19-pin connector, black
T20a	20-pin connector, red
T20h	20-pin connector, black
T20i	20-pin connector, black
T27b	27-pin connector, black
T27c	27-pin connector, black
T29b	29-pin connector, white
T29c	29-pin connector, white
T32a	32-pin connector, grey
TSVL	Coupling point for front left seat
TTHL	Coupling point for rear left door
TTVL	Coupling point for front left door
V471	Rear driver side window regulator motor
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with overhead view camera
*2	Only models with no overhead view camera
*3	Only models with rear left door control unit
*4	Only models with no rear left door control unit

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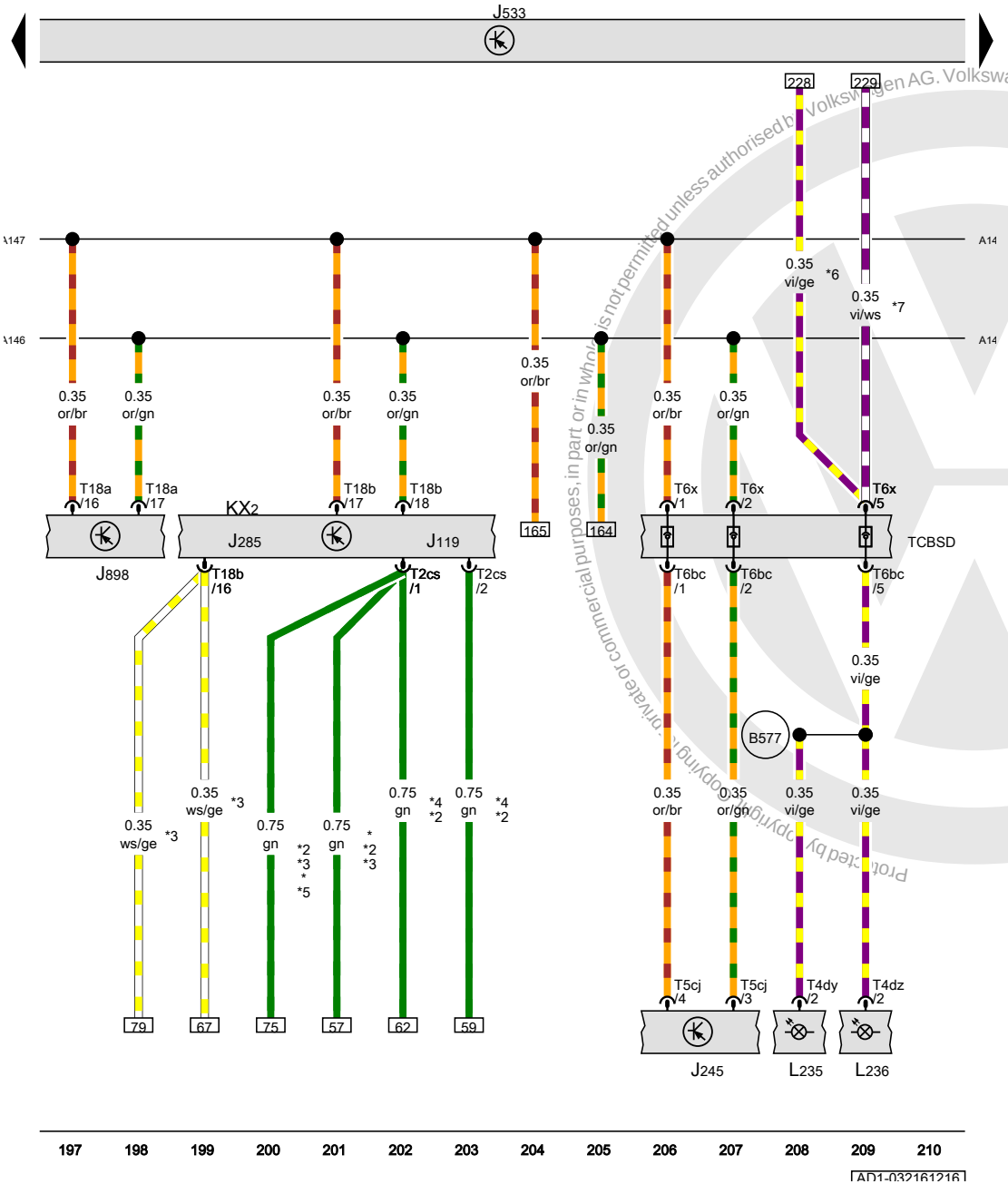


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Data bus diagnostic interface, Rear lid control unit, Front passenger seat position control unit, Control unit for electronic steering column lock, Rear lid power opening control unit, Interface for entry and start system

J533	Data bus diagnostic interface
J605	Rear lid control unit
J720	Front passenger seat position control unit
J764	Control unit for electronic steering column lock
J938	Rear lid power opening control unit
J965	Interface for entry and start system
T3aw	3-pin connector, black
T3cc	3-pin connector, black
T4ai	4-pin connector, black
T4cv	4-pin connector, black
T17c	17-pin connector, red
T17w	17-pin connector, red
T32b	32-pin connector, grey
T32d	32-pin connector, colourless
T40a	40-pin connector, black
TSFHR	Coupling point on rear right bumper
TSVR	Coupling point for front right seat
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness

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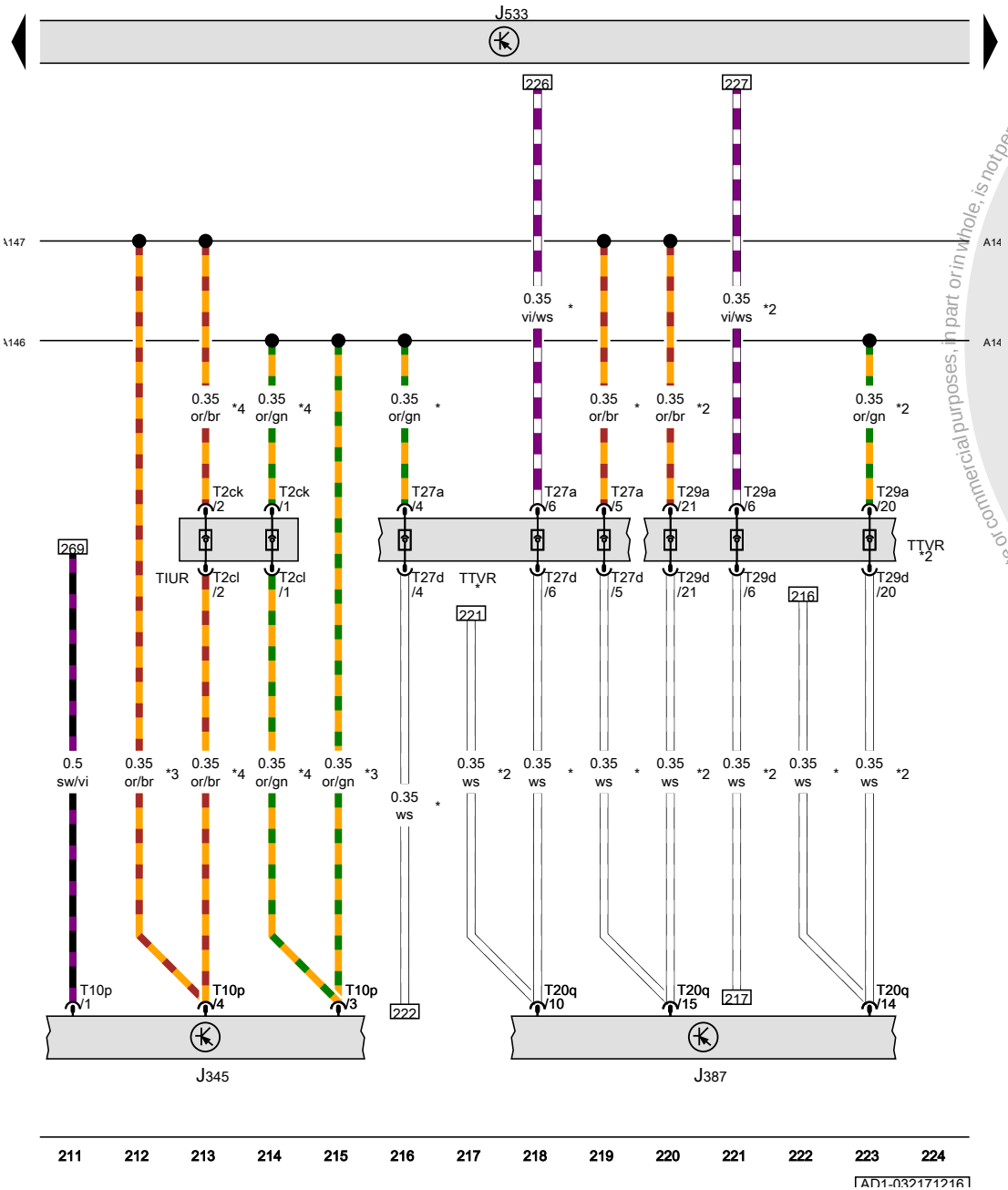


Multifunction indicator, Sliding sunroof adjustment control unit, Control unit in dash panel insert, Data bus diagnostic interface, Control unit for Head-up Display, Dash panel insert, Light 1 for roof contour lighting, Light 2 for roof contour lighting

J119	Multifunction indicator
J245	Sliding sunroof adjustment control unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J898	Control unit for Head-up Display
KX2	Dash panel insert
L235	Light 1 for roof contour lighting
L236	Light 2 for roof contour lighting
T2cs	2-pin connector, black
T4dy	4-pin connector, black
T4dz	4-pin connector, black
T5cj	5-pin connector, black
T6bc	6-pin connector, black
T6x	6-pin connector, black
T18a	18-pin connector, colourless
T18b	18-pin connector, black
TCBSD	Coupling point for CAN bus sunroof
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B577	LIN bus connection, in roof wiring harness
*	Only models with sound system
*2	Fibre optic cable (FOC)
*3	According to equipment
*4	Only models with no sound system
*5	Only models with TV tuner
*6	From November 2016
*7	Up to November 2016

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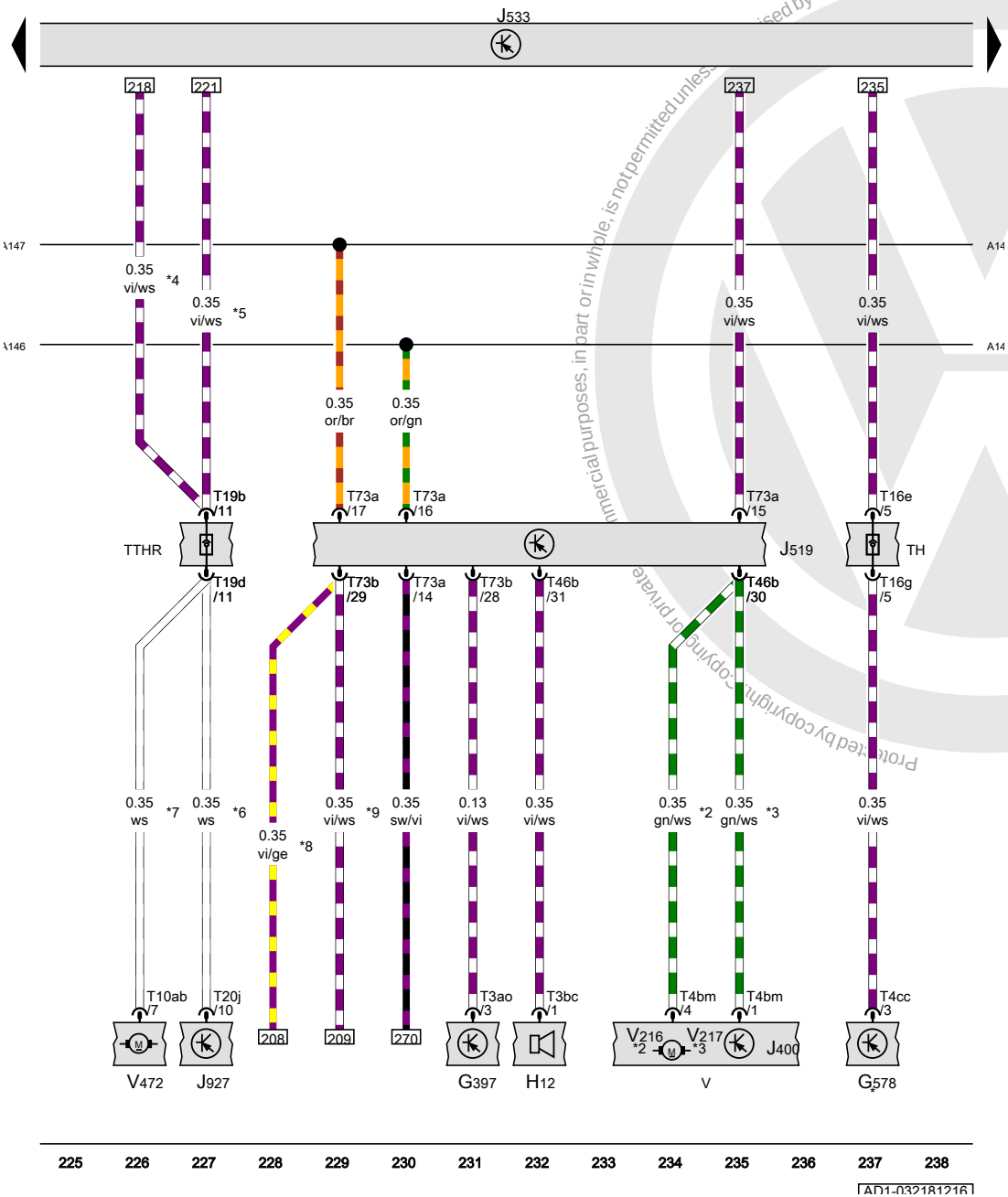


Trailer detector control unit, Front passenger door control unit, Data bus diagnostic interface

J345	Trailer detector control unit
J387	Front passenger door control unit
J533	Data bus diagnostic interface
T2ck	2-pin connector, black
T2cl	2-pin connector, black
T10p	10-pin connector, black
T20q	20-pin connector, black
T27a	27-pin connector, black
T27d	27-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
TIUR	Coupling point in interior, below right
TTVR	Coupling point for front right door
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Only models with no overhead view camera
*2	Only models with overhead view camera
*3	Only models with towing bracket
*4	Only models with preparation for trailer coupling

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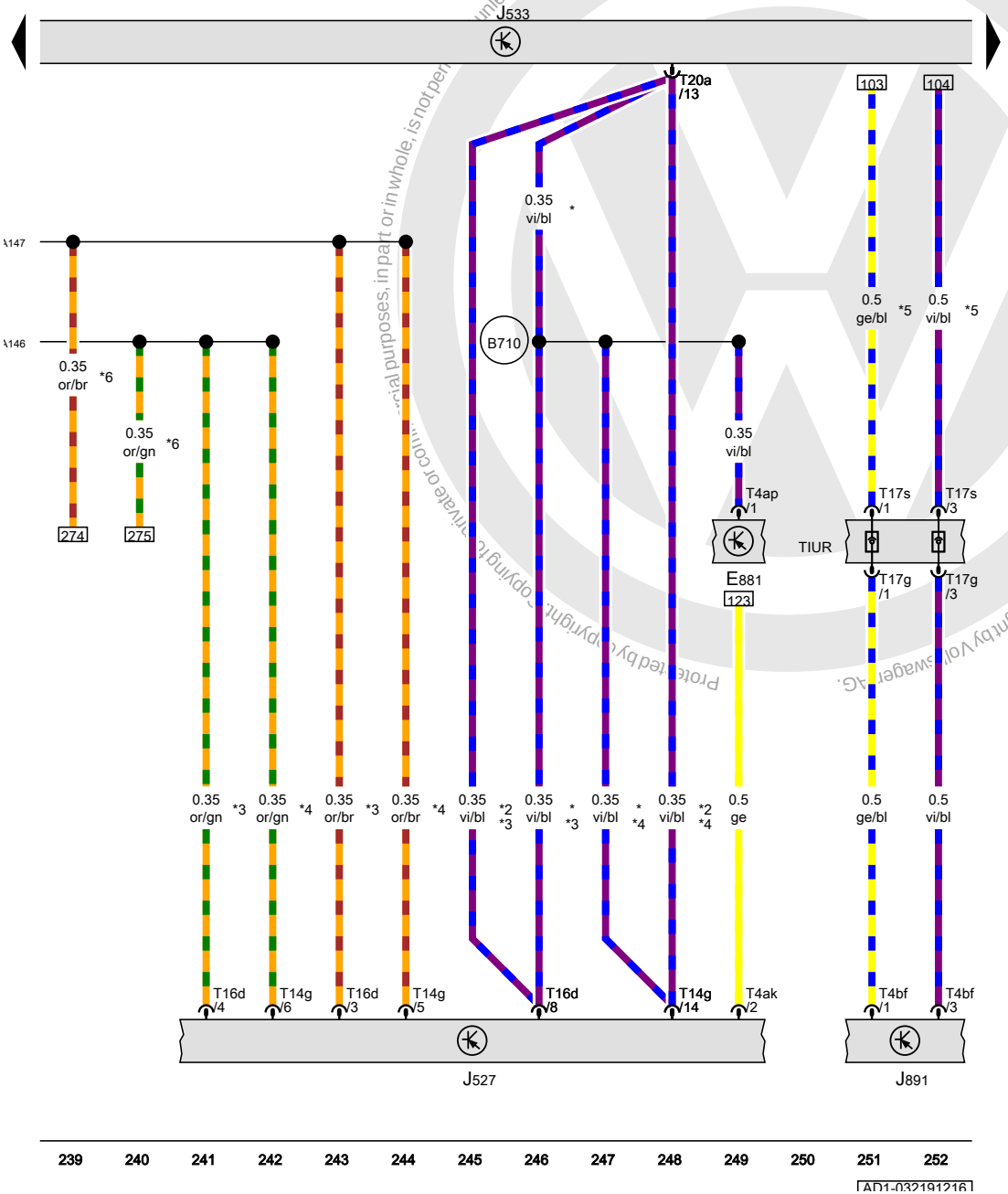


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Rain and light sensor, Anti-theft alarm sensor, Alarm horn, Wiper motor control unit, Data bus diagnostic interface, Rear passenger side door control unit, Coupling point for roof, Windscreen wiper motor, Driver side windscreen wiper motor, Front passenger side windscreen wiper motor, Rear passenger side window regulator motor

G397	Rain and light sensor
G578	Anti-theft alarm sensor
H12	Alarm horn
J400	Wiper motor control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J927	Rear passenger side door control unit
T3ao	3-pin connector, black
T3bc	3-pin connector, black
T4bm	4-pin connector, black
T4cc	4-pin connector, blue
T10ab	10-pin connector, black
T16e	16-pin connector, brown
T16g	16-pin connector, brown
T19b	19-pin connector, black
T19d	19-pin connector, black
T20j	20-pin connector, black
T46b	46-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, black
TH	Coupling point for roof
TTHR	Coupling point for rear right door
V	Windscreen wiper motor
V216	Driver side windscreen wiper motor
V217	Front passenger side windscreen wiper motor
V472	Rear passenger side window regulator motor
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	Different connector colour possible
*2	Only left-hand drive models
*3	Only right-hand drive models
*4	Only models with no overhead view camera
*5	Only models with overhead view camera
*6	Only models with rear right door control unit
*7	Only models with no rear right door control unit
*8	From November 2016
*9	Up to November 2016

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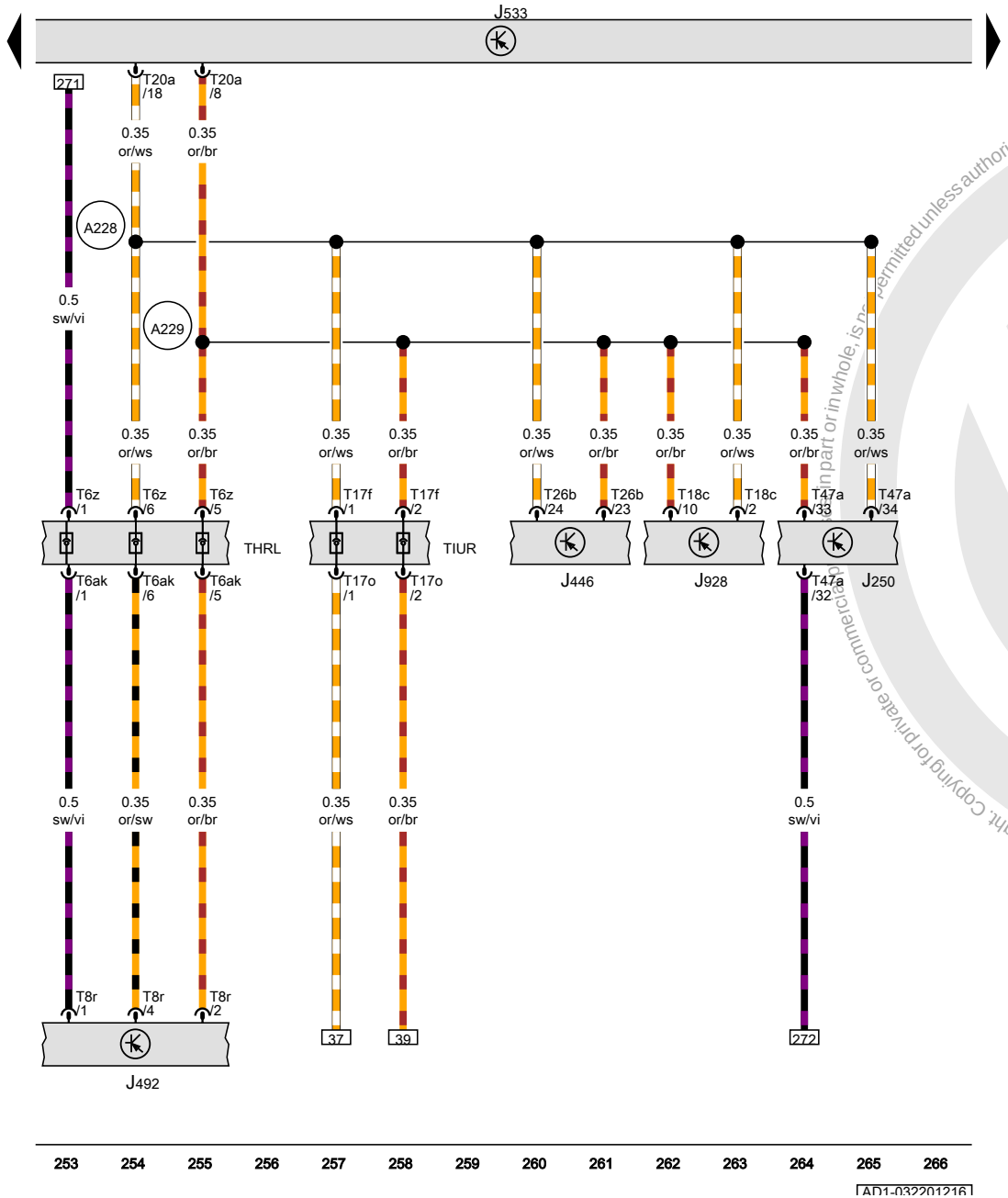


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Operating unit for driving mode selection, Steering column electronics control unit, Data bus diagnostic interface, Control unit for reducing agent heater

E881	Operating unit for driving mode selection
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
J891	Control unit for reducing agent heater
T4ak	4-pin connector, yellow
T4ap	4-pin connector, black
T4bf	4-pin connector, black
T14g	14-pin connector, black
T16d	16-pin connector, black
T17g	17-pin connector, brown
T17s	17-pin connector, brown
T20a	20-pin connector, red
TIUR	Coupling point in interior, below right
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
*	Only models with all-wheel drive
*2	Only models with front-wheel drive
*3	Only models with no heated steering wheel
*4	Only models with heated steering wheel
*5	see applicable current flow diagram for engine
*6	From November 2016

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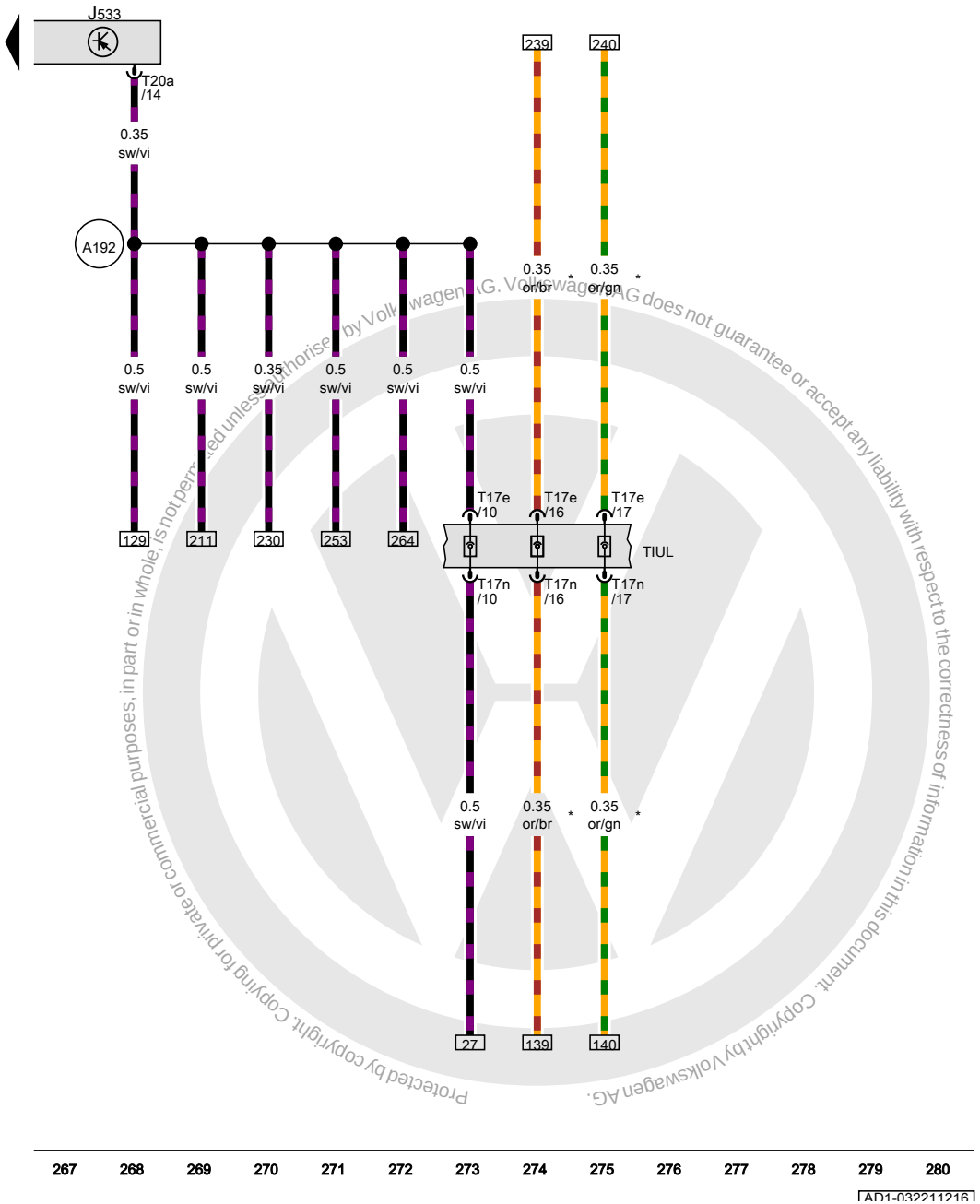


Electronically controlled damping control unit, Parking aid control unit, All-wheel drive control unit, Data bus diagnostic interface, Control unit for overhead view camera

J250	Electronically controlled damping control unit
J446	Parking aid control unit
J492	All-wheel drive control unit
J533	Data bus diagnostic interface
J928	Control unit for overhead view camera
T6ak	6-pin connector, black
T6z	6-pin connector, black
T8r	8-pin connector, black
T17f	17-pin connector, black
T17o	17-pin connector, black
T18c	18-pin connector, black
T20a	20-pin connector, red
T26b	26-pin connector, black
T47a	47-pin connector, black
THRL	Coupling point in luggage compartment, left
TIUR	Coupling point in interior, below right
A228	Connection 1 (running gear/dash panel insert CAN bus, high), in dash panel wiring harness
A229	Connection 1 (running gear/dash panel insert CAN bus, low), 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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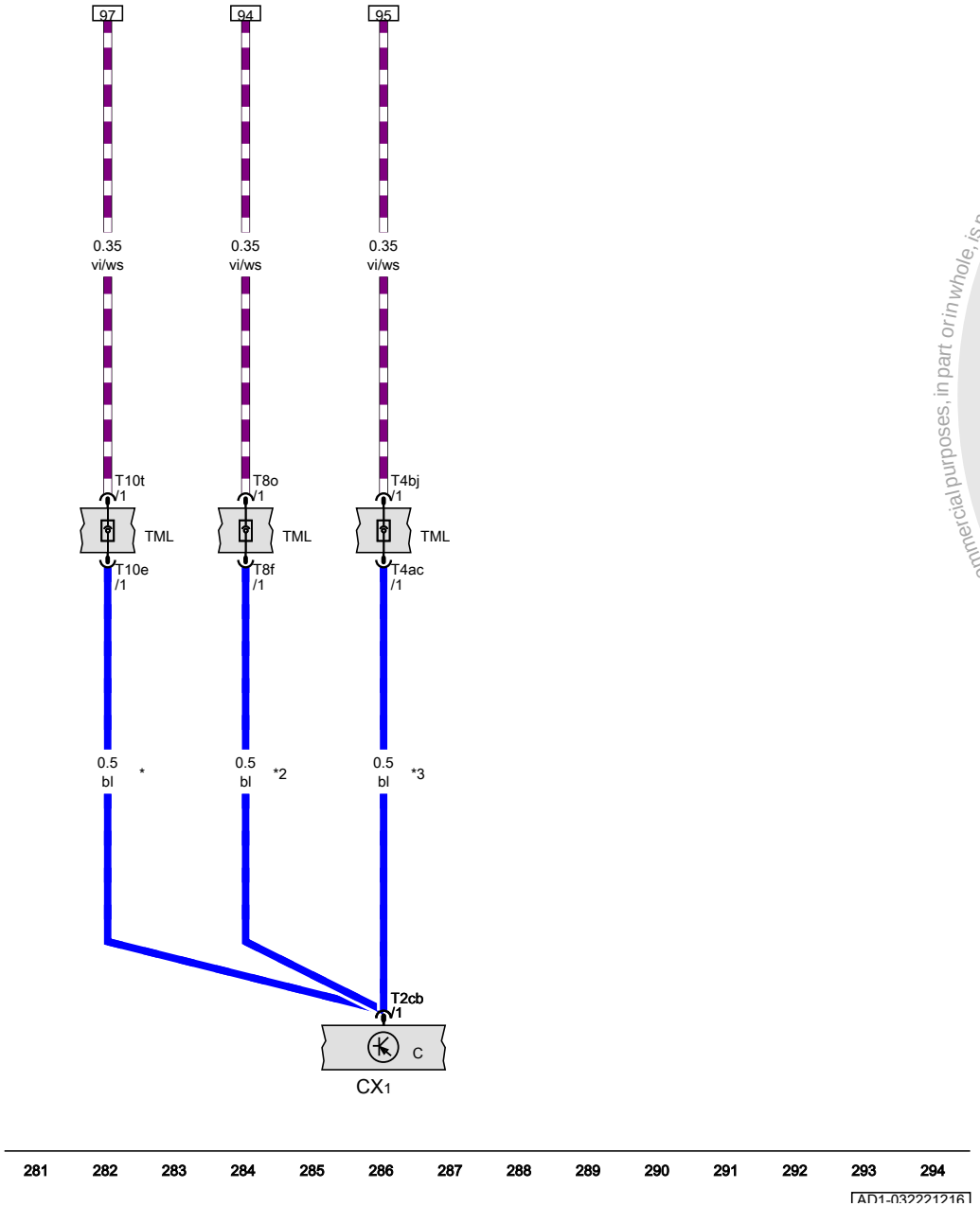
Data bus diagnostic interface

J533	Data bus diagnostic interface
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T20a	20-pin connector, red
TIUL	Coupling point in interior, below left
A192	Positive connection 3 (15a) in dash panel wiring harness
*	From November 2016

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

Alternator with voltage regulator, Coupling point in engine compartment, left

C	Alternator
CX1	Alternator with voltage regulator
T2cb	2-pin connector, black
T4ac	4-pin connector, black
T4bj	4-pin connector, black
T8f	8-pin connector, black
T8o	8-pin connector, black
T10e	10-pin connector, black
T10t	10-pin connector, black
TML	Coupling point in engine compartment, left
*	Only models with dual clutch gearbox
*2	Not for models with dual clutch gearbox
*3	According to equipment



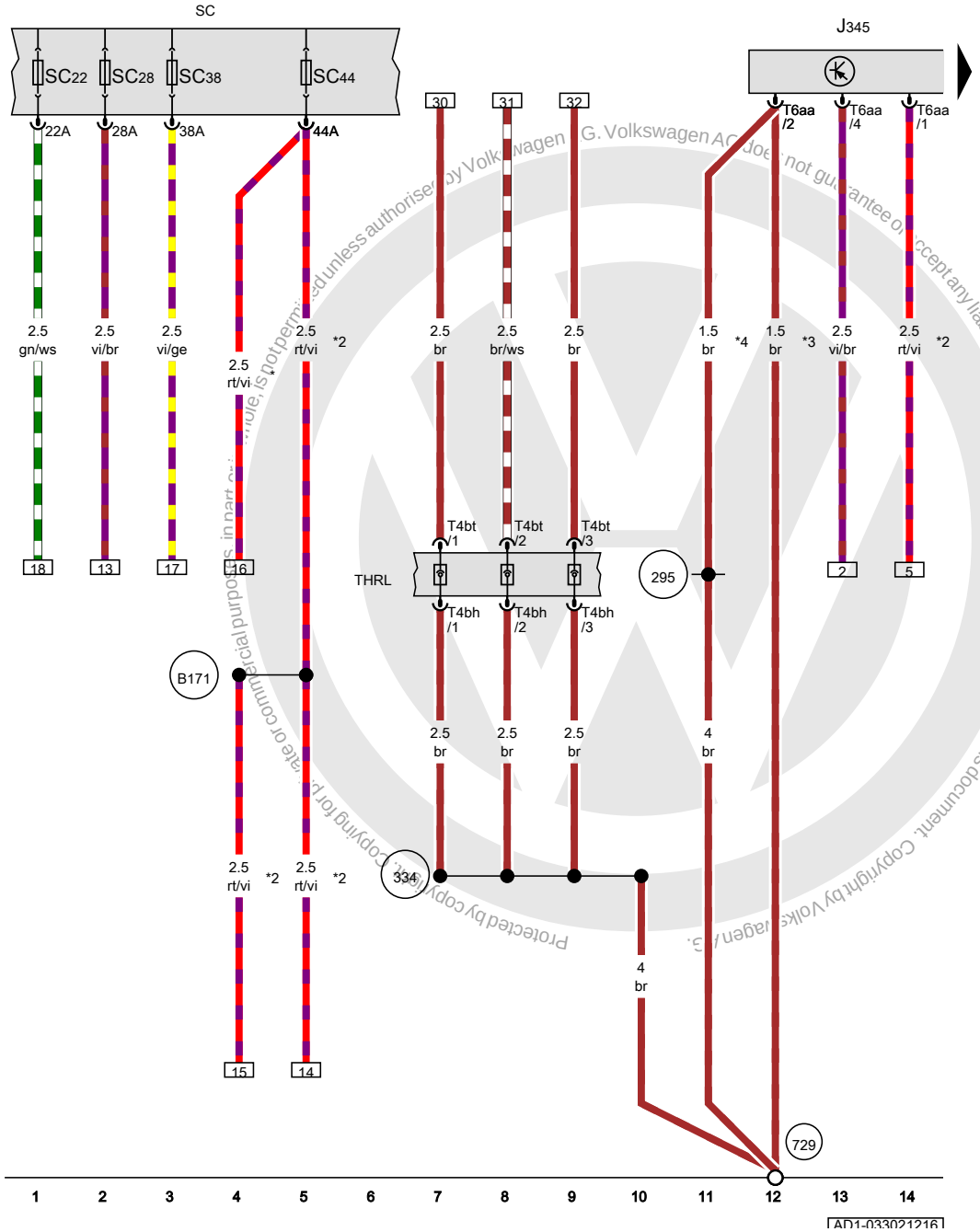
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Trailer coupling , (1M6),(1M5)

From January 2016

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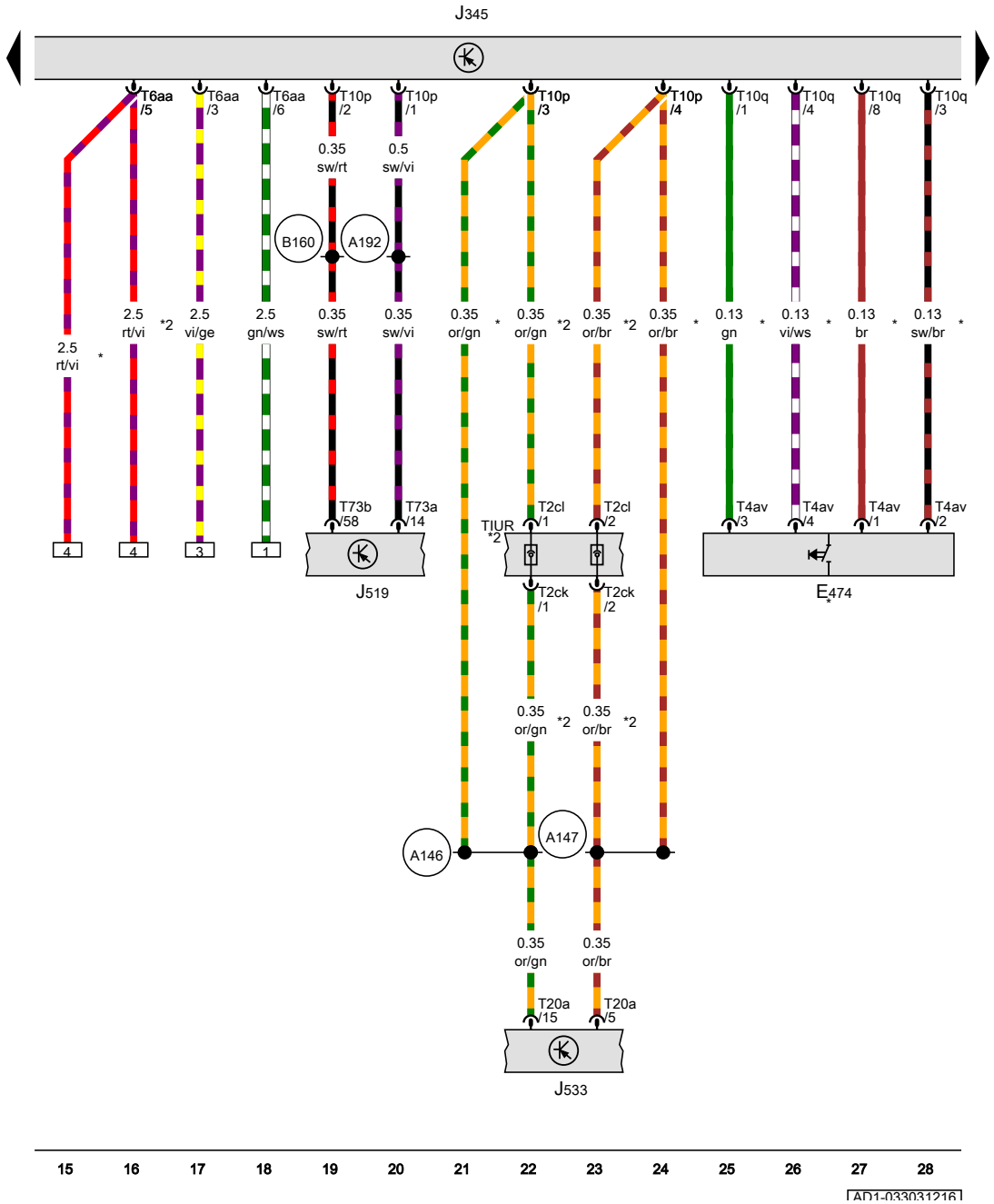


Trailer detector control unit

J345	Trailer detector control unit
SC	Fuse holder C
SC22	Fuse 22 on fuse holder C
SC28	Fuse 28 on fuse holder C
SC38	Fuse 38 on fuse holder C
SC44	Fuse 44 on fuse holder C
T4bh	4-pin connector, black
T4bt	4-pin connector, black
T6aa	6-pin connector, black
THRL	Coupling point in luggage compartment, left
295	Earth connection 10, in interior wiring harness
334	Earth connection 6, in rear wiring harness
729	Earth point, on left rear wheel housing
B171	Positive connection 3 (30), in interior wiring harness
*	Only models with preparation for trailer coupling
*2	Only models with towing bracket
*3	Only models with no electric rear lid opener
*4	Only models with electric rear lid opener

ws	=	white
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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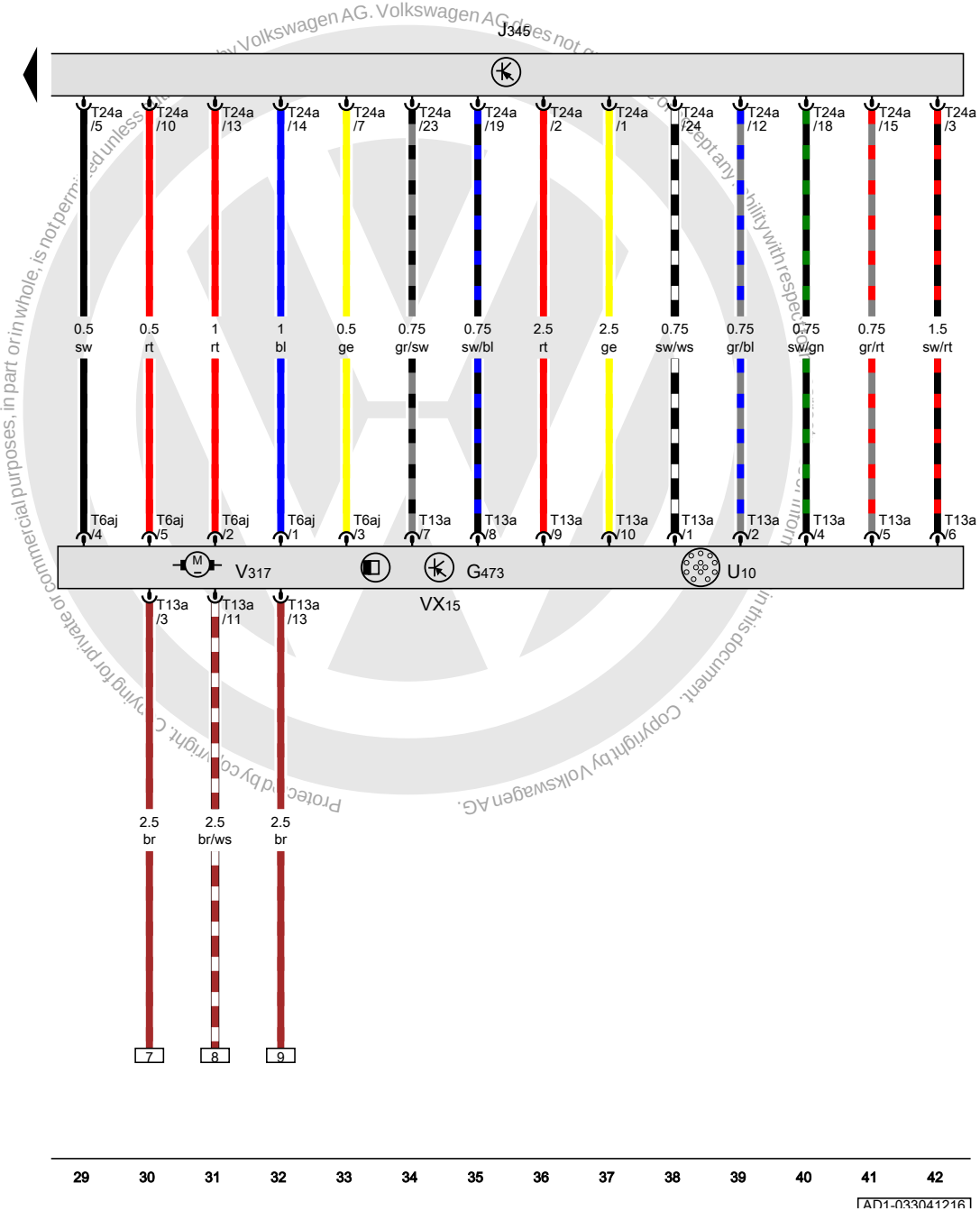


Electric hinged tow coupling attachment button, Trailer detector control unit

E474	Electric hinged tow coupling attachment button
J345	Trailer detector control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T2ck	2-pin connector, black
T2cl	2-pin connector, black
T4av	4-pin connector, black
T6aa	6-pin connector, black
T10p	10-pin connector, black
T10q	10-pin connector, red
T20a	20-pin connector, red
T73a	73-pin connector, black
T73b	73-pin connector, black
TIUR	Coupling point in interior, below right
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
B160	Connection (brake system monitor), in interior wiring harness
*	Only models with towing bracket
*2	Only models with preparation for trailer coupling

ws	=	white
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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Trailer detector control unit, Trailer towing coupling

G473	Trailer coupling motor Hall sender
J345	Trailer detector control unit
T6aj	6-pin connector, black
T13a	13-pin connector, black
T24a	24-pin connector, black
U10	Trailer socket
VX15	Trailer towing coupling
V317	Hinged tow attachment ball head motor

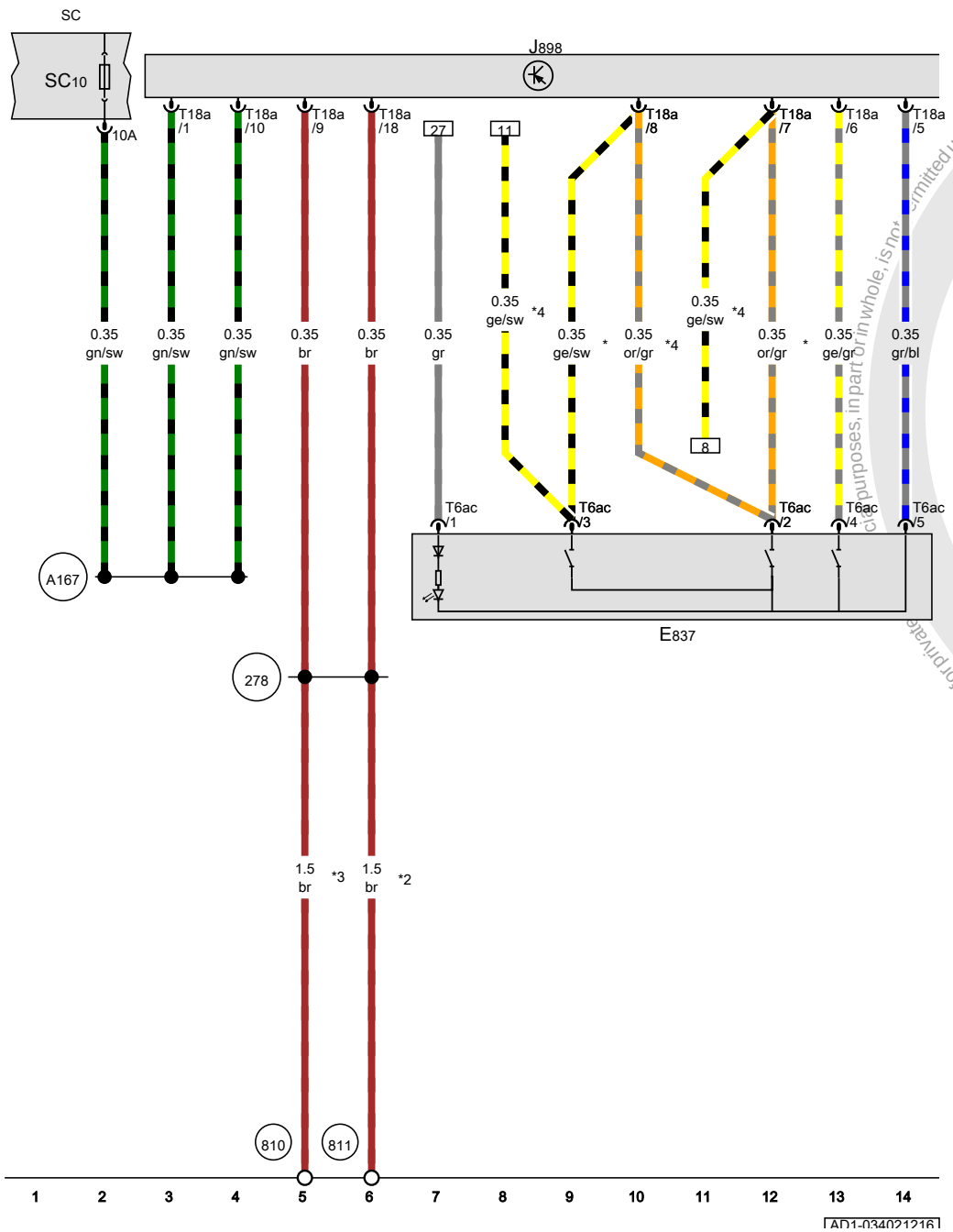
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sw	=	black
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rt	=	red
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Heads-up display , (KS2)

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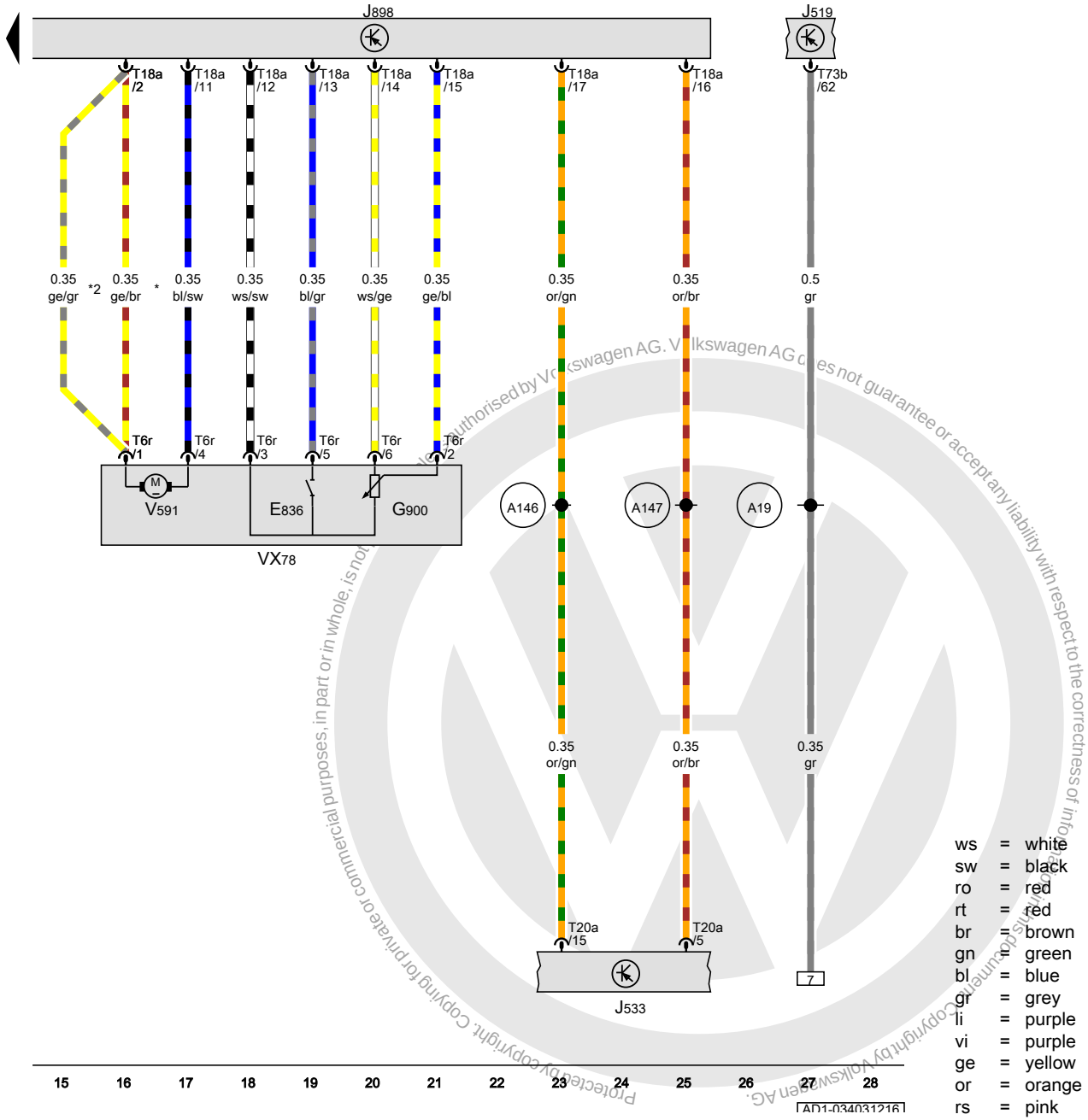


Operating unit for Head-up Display, Control unit for Head-up Display

E837	Operating unit for Head-up Display
J898	Control unit for Head-up Display
SC	Fuse holder C
SC10	Fuse 10 on fuse holder C
T6ac	6-pin connector, green
T18a	18-pin connector, colourless
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A167	Positive connection 3 (30a) in dash panel wiring harness
*	From May 2016
*2	Only right-hand drive models
*3	Only left-hand drive models
*4	Up to May 2016

ws	=	white
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

Control unit for Head-up Display, Head-up Display module

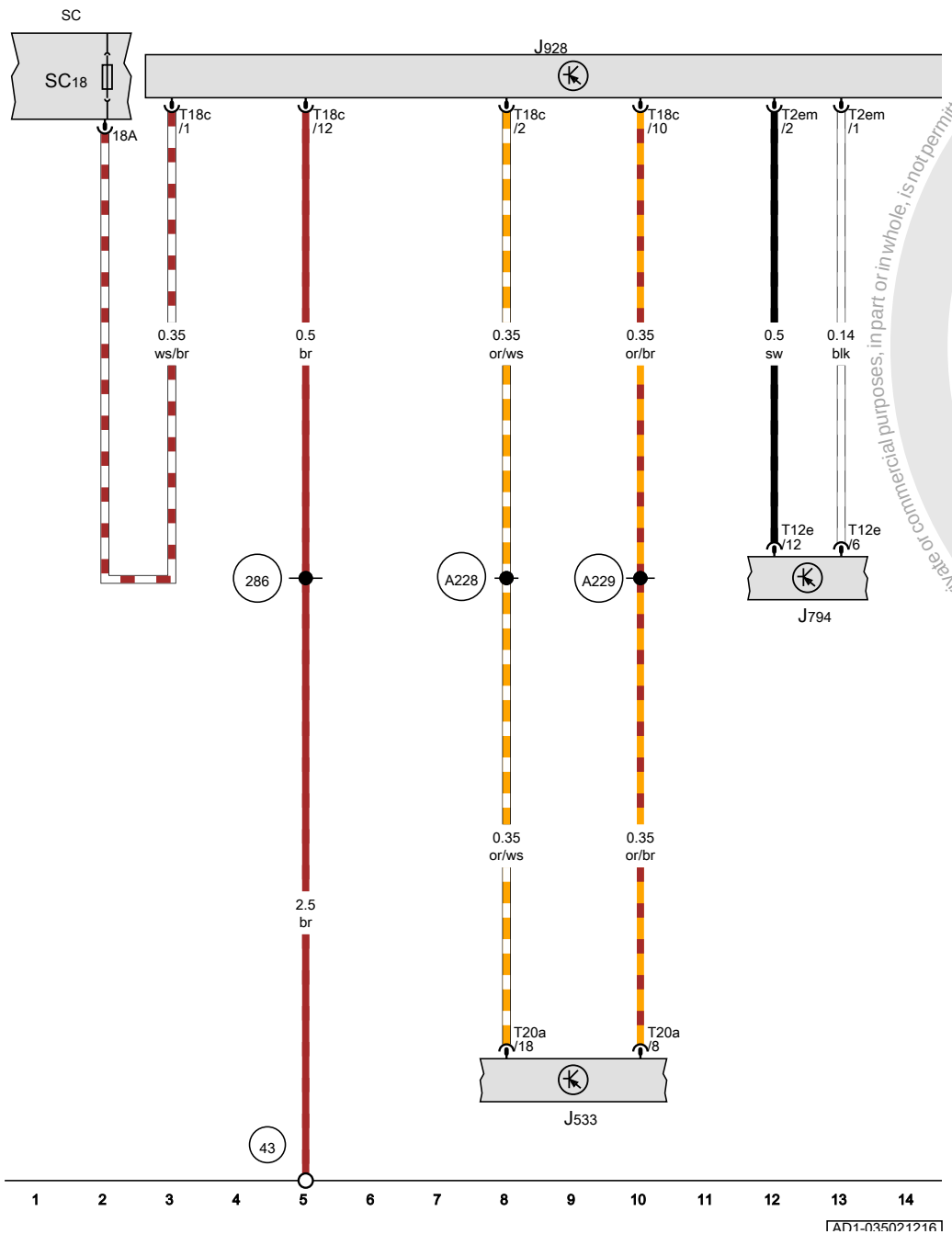
E836	Limit switch for Head-up Display screen
G900	Sender for Head-up Display screen
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J898	Control unit for Head-up Display
T6r	6-pin connector, black
T18a	18-pin connector, colourless
T20a	20-pin connector, red
T73b	73-pin connector, black
VX78	Head-up Display module
V591	Head-up Display screen motor
A19	Connection (58d), in dash panel wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
*	From May 2016
*2	Up to May 2016

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Overhead view camera , (KA6)

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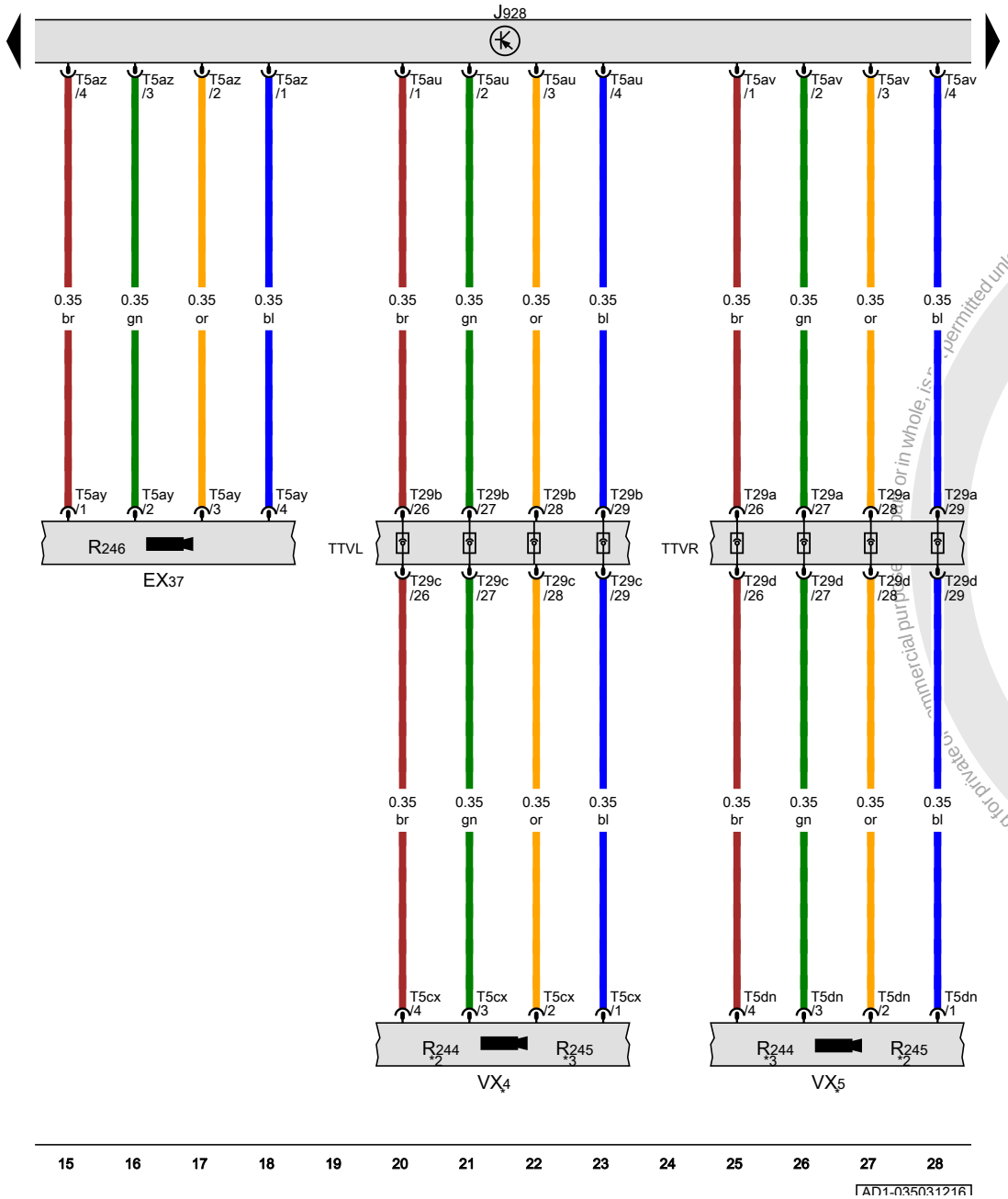


Data bus diagnostic interface, Control unit 1 for information electronics, Control unit for overhead view camera, Fuse holder C

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
J928	Control unit for overhead view camera
SC	Fuse holder C
SC18	Fuse 18 on fuse holder C
T2em	2-pin connector, green
T12e	12-pin connector, blue
T18c	18-pin connector, black
T20a	20-pin connector, red
43	Earth point, lower part of right A-pillar
286	Earth connection 8, in interior wiring harness
A228	Connection 1 (running gear/dash panel insert CAN bus, high), in dash panel wiring harness
A229	Connection 1 (running gear/dash panel insert CAN bus, low), 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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vi	=	purple
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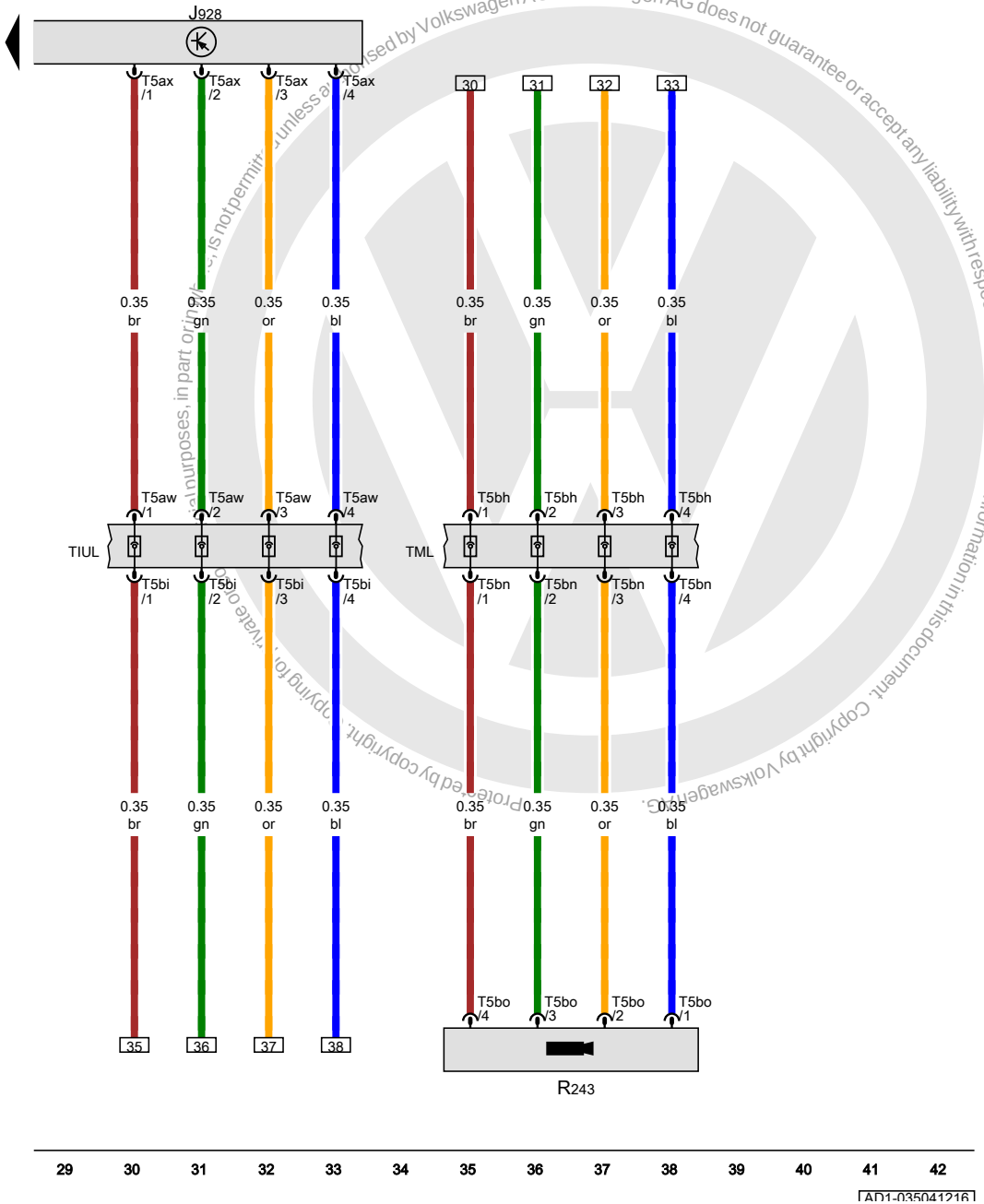


Rear lid handle, Control unit for overhead view camera, Left overhead view camera, Right overhead view camera, Rear overhead view camera, Driver side exterior mirror, Passenger side exterior mirror

EX37	Rear lid handle
J928	Control unit for overhead view camera
R244	Left overhead view camera
R245	Right overhead view camera
R246	Rear overhead view camera
T5au	5-pin connector, green
T5av	5-pin connector, black
T5ay	5-pin connector, black
T5az	5-pin connector, blue
T5cx	5-pin connector, blue
T5dn	5-pin connector, blue
T29a	29-pin connector, white
T29b	29-pin connector, white
T29c	29-pin connector, white
T29d	29-pin connector, white
TTVL	Coupling point for front left door
TTVR	Coupling point for front right door
VX4	Driver side exterior mirror
VX5	Passenger side exterior mirror
*	Pre-wired component
*2	Only left-hand drive models
*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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Control unit for overhead view camera, Front overhead view camera

J928	Control unit for overhead view camera
R243	Front overhead view camera
T5aw	5-pin connector, black
T5ax	5-pin connector, white
T5bh	5-pin connector, blue
T5bi	5-pin connector, black
T5bn	5-pin connector, blue
T5bo	5-pin connector, black
TIUL	Coupling point in interior, below left
TML	Coupling point in engine compartment, left

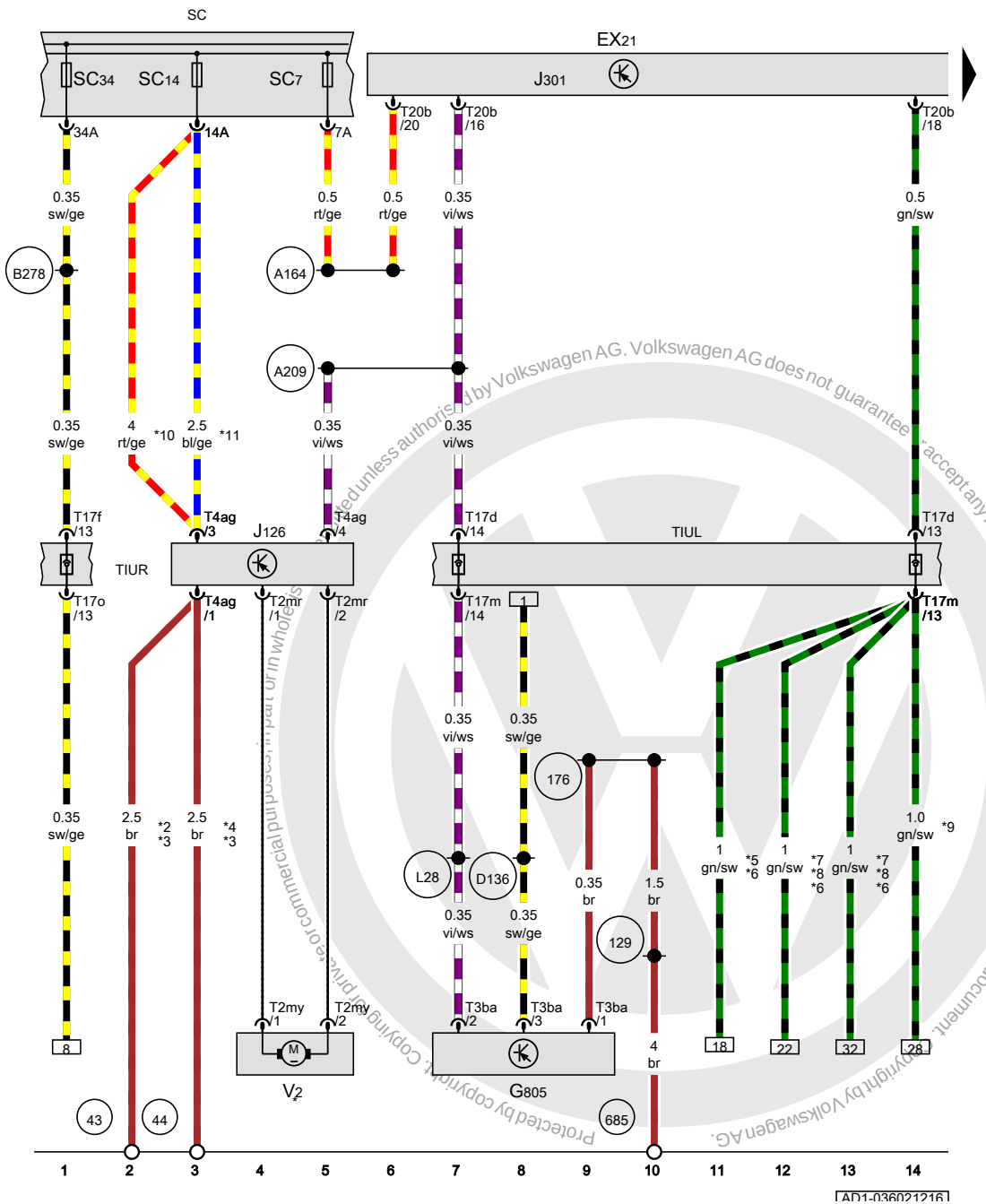
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Air conditioning system , (KH6)

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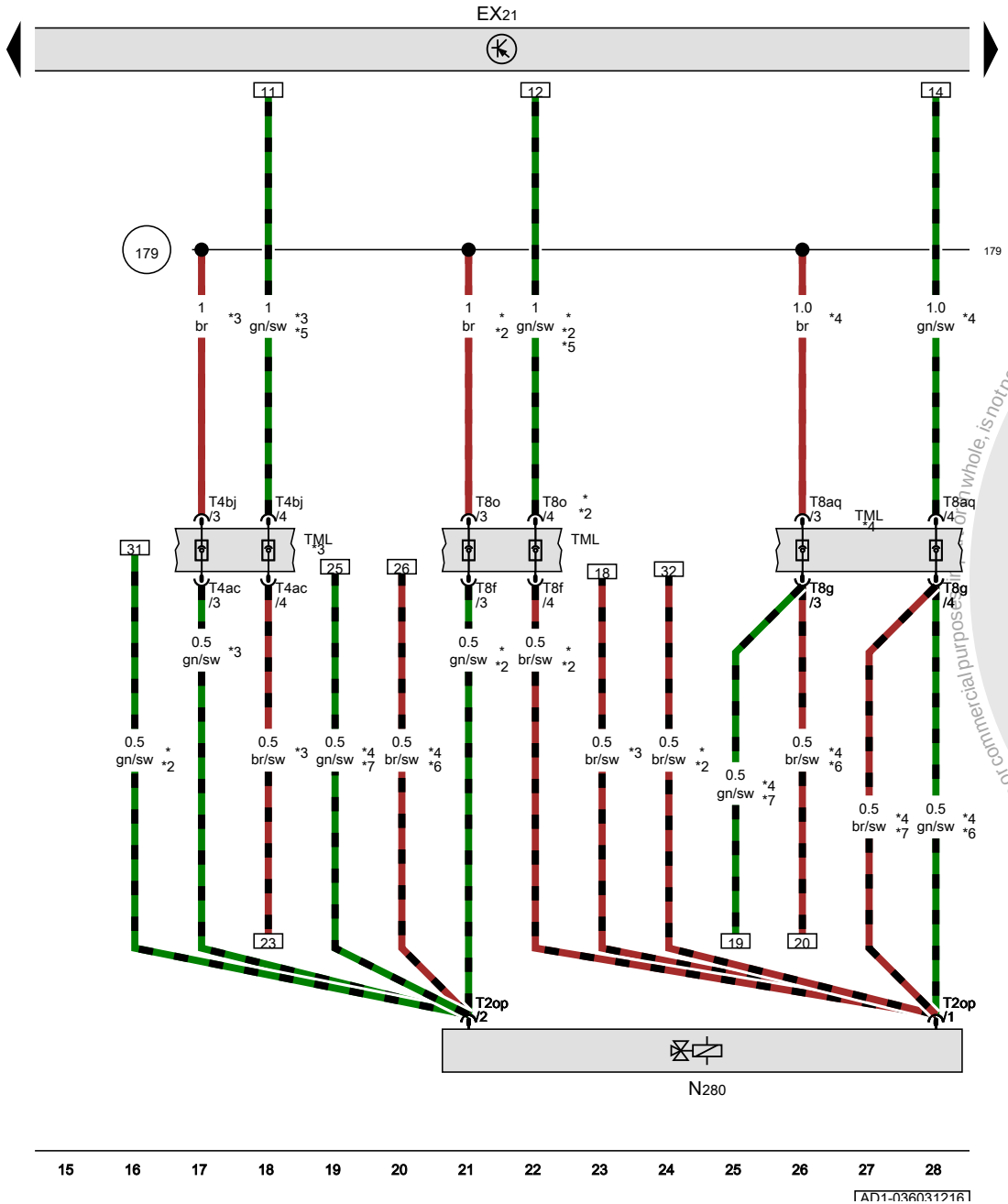
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Heater and air conditioning controls, Pressure sender for refrigerant circuit, Fresh air blower control unit, Air conditioning system control unit, Fresh air blower

EX21	Heater and air conditioning controls
G805	Pressure sender for refrigerant circuit
J126	Fresh air blower control unit
J301	Air conditioning system control unit
SC	Fuse holder C
SC7	Fuse 7 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC34	Fuse 34 on fuse holder C
T2mr	2-pin connector, black
T2my	2-pin connector, black
T3ba	3-pin connector, black
T4ag	4-pin connector, black
T17d	17-pin connector, red
T17f	17-pin connector, black
T17m	17-pin connector, red
T17o	17-pin connector, black
T20b	20-pin connector, black
TIUL	Coupling point in interior, below left
TIUR	Coupling point in interior, below right
V2	Fresh air blower
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
129	Earth connection, in dual tone horn wiring harness
176	Earth connection, in right headlight wiring harness
685	Earth point 1, on front of right longitudinal member
A164	Positive connection 2 (30a) in dash panel wiring harness
A209	Connection 1 (LIN bus) in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
L28	Connection, in engine compartment wiring harness, Climatronic

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

*	Pre-wired component
*2	Only left-hand drive models
*3	Cross-section 4.0 possible
*4	Only right-hand drive models
*5	Only models with 1.4l engine

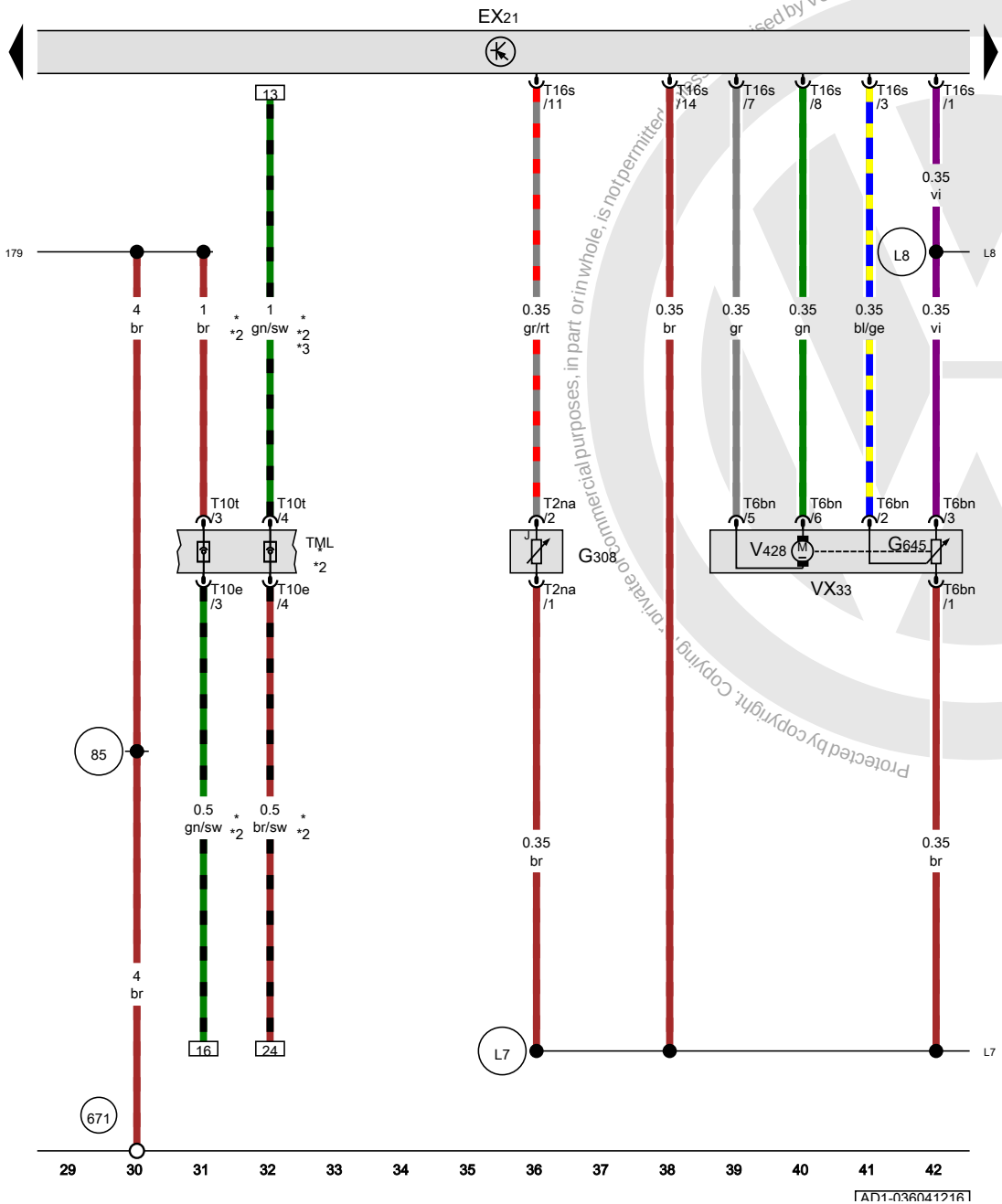


Heater and air conditioning controls, Air conditioner compressor regulating valve

EX21	Heater and air conditioning controls
N280	Air conditioner compressor regulating valve
T2op	2-pin connector, black
T4ac	4-pin connector, black
T4bj	4-pin connector, black
T8aq	8-pin connector, black
T8f	8-pin connector, black
T8g	8-pin connector, black
T8o	8-pin connector, black
TML	Coupling point in engine compartment, left
179	Earth connection, in left headlight wiring harness
*	Only models with 2.0l engine
*2	According to equipment
*3	Only models with 1.4l engine
*4	Only models with diesel engine
*5	Cross section depends on equipment
*6	From May 2016
*7	Up to May 2016

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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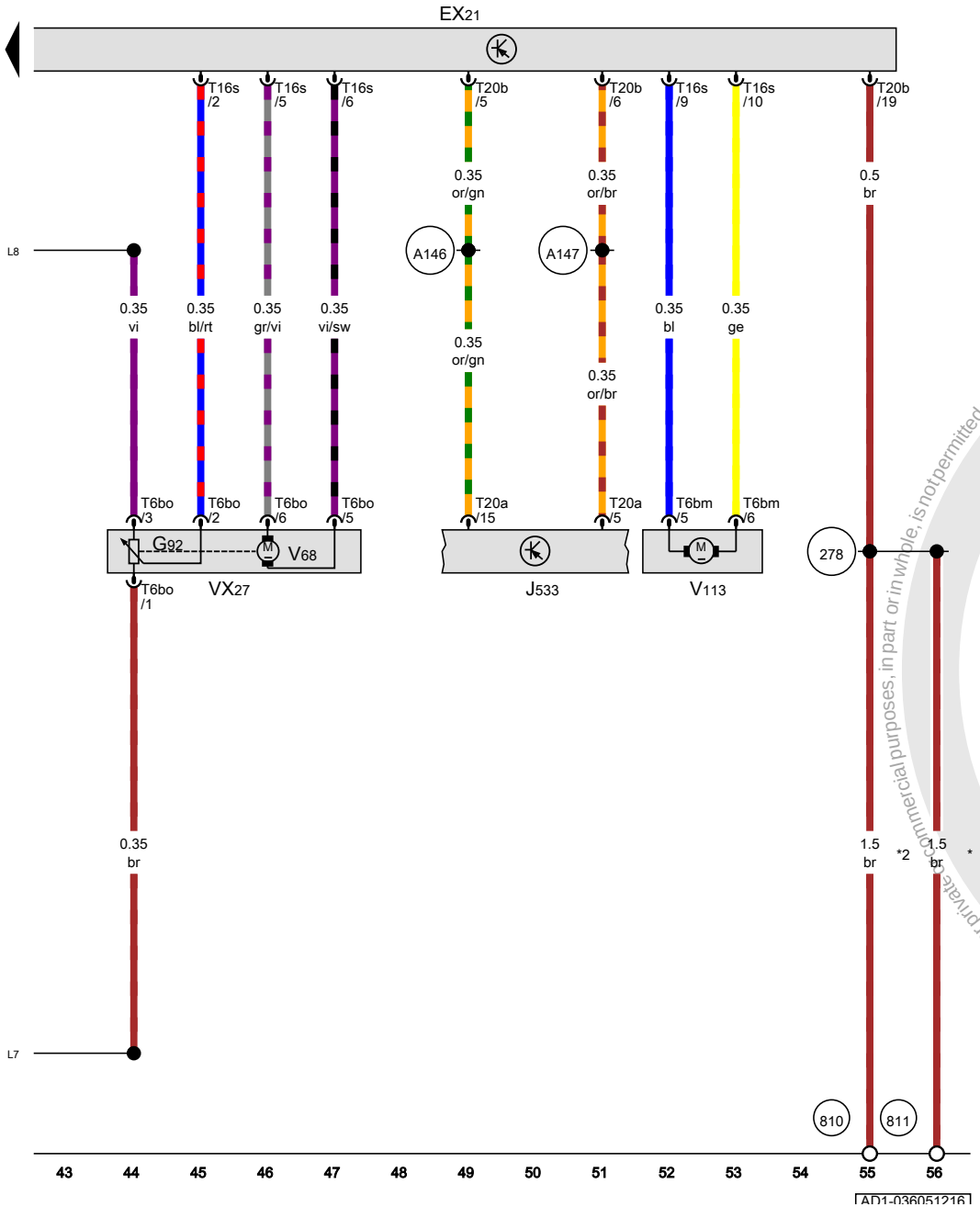


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Heater and air conditioning controls, Evaporator temperature sensor, Potentiometer for air distribution flap control motor, Air distribution flap, Air distribution flap control motor

EX21	Heater and air conditioning controls
G308	Evaporator temperature sensor
G645	Potentiometer for air distribution flap control motor
T2na	2-pin connector, black
T6bn	6-pin connector, blue
T10e	10-pin connector, black
T10t	10-pin connector, black
T16s	16-pin connector, black
TML	Coupling point in engine compartment, left
VX33	Air distribution flap
V428	Air distribution flap control motor
85	Earth connection 1, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
671	Earth point 1, on front of left longitudinal member
L7	Connection 3, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness
*	Only models with 2.0l engine
*2	According to equipment
*3	Cross section depends on equipment

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li = purple
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or = orange
rs = pink

Heater and air conditioning controls, Potentiometer for temperature flap control motor, Data bus diagnostic interface, Temperature flap, Temperature flap control motor, Air recirculation flap control motor

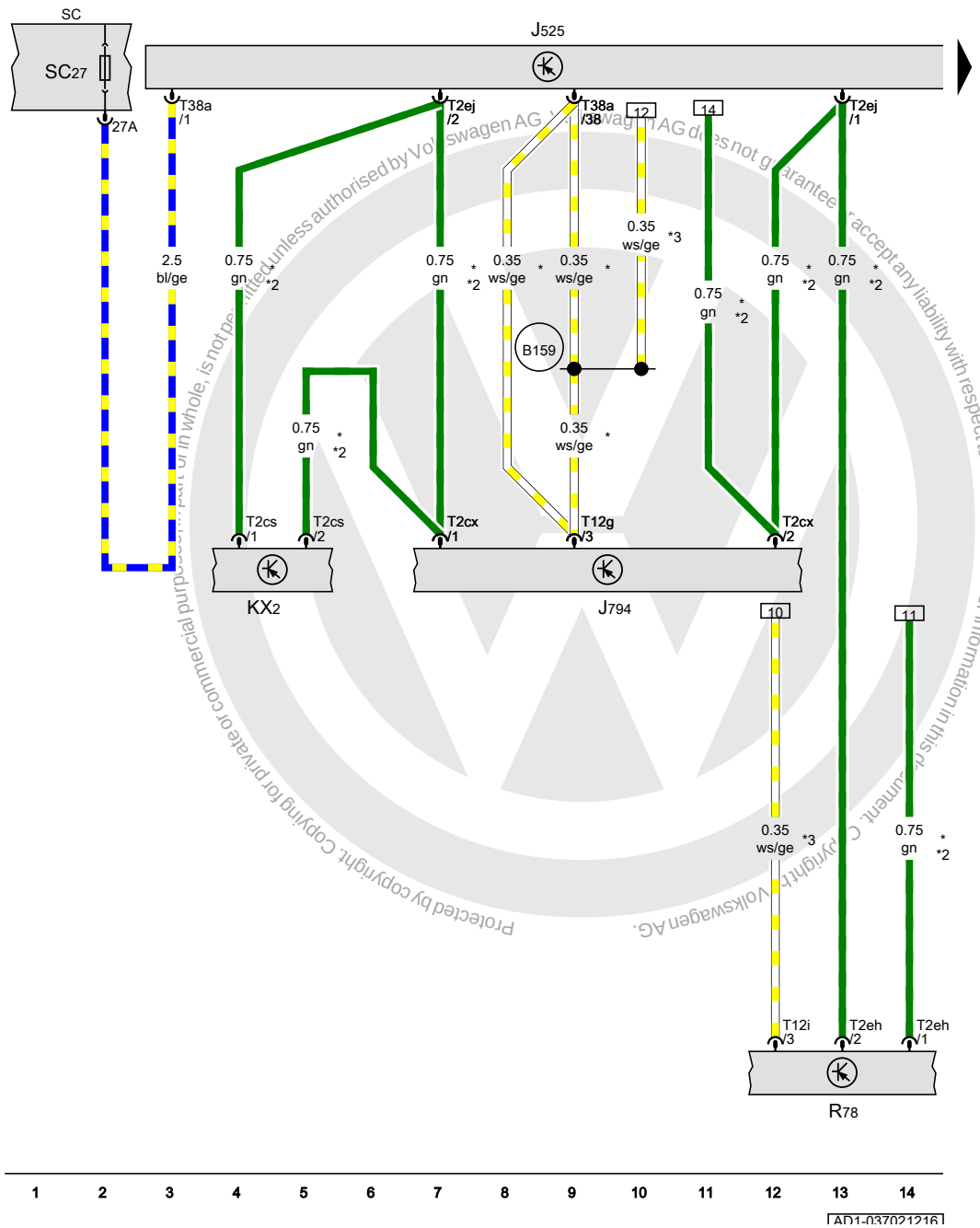
EX21	Heater and air conditioning controls
G92	Potentiometer for temperature flap control motor
J533	Data bus diagnostic interface
T6bm	6-pin connector, blue
T6bo	6-pin connector, blue
T16s	16-pin connector, black
T20a	20-pin connector, red
T20b	20-pin connector, black
VX27	Temperature flap
V68	Temperature flap control motor
V113	Air recirculation flap control motor
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
L7	Connection 3, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models

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Sound system DYNAUDIO , (9VC)

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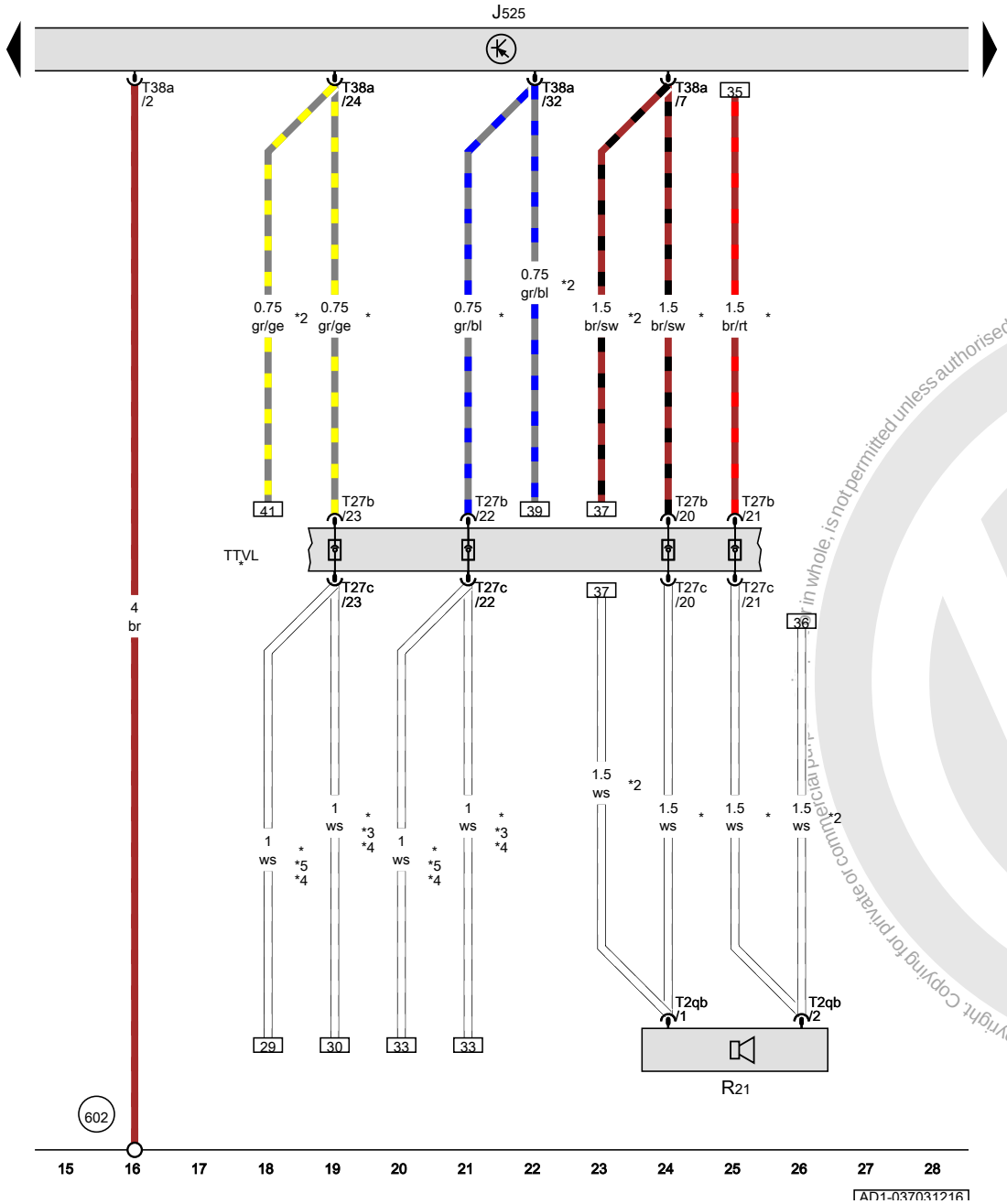


Digital sound package control unit, Control unit 1 for information electronics, Dash panel insert, TV tuner

J525	Digital sound package control unit
J794	Control unit 1 for information electronics
KX2	Dash panel insert
R78	TV tuner
SC	Fuse holder C
SC27	Fuse 27 on fuse holder C
T2cs	2-pin connector, black
T2cx	2-pin connector, black
T2eh	2-pin connector, black
T2ej	2-pin connector, black
T12g	12-pin connector, grey
T12i	12-pin connector, black
T38a	38-pin connector, black
B159	Connection (diagnosis), in interior wiring harness
*	According to equipment
*2	Fibre optic cable (FOC)
*3	Only models with equipment for Japan

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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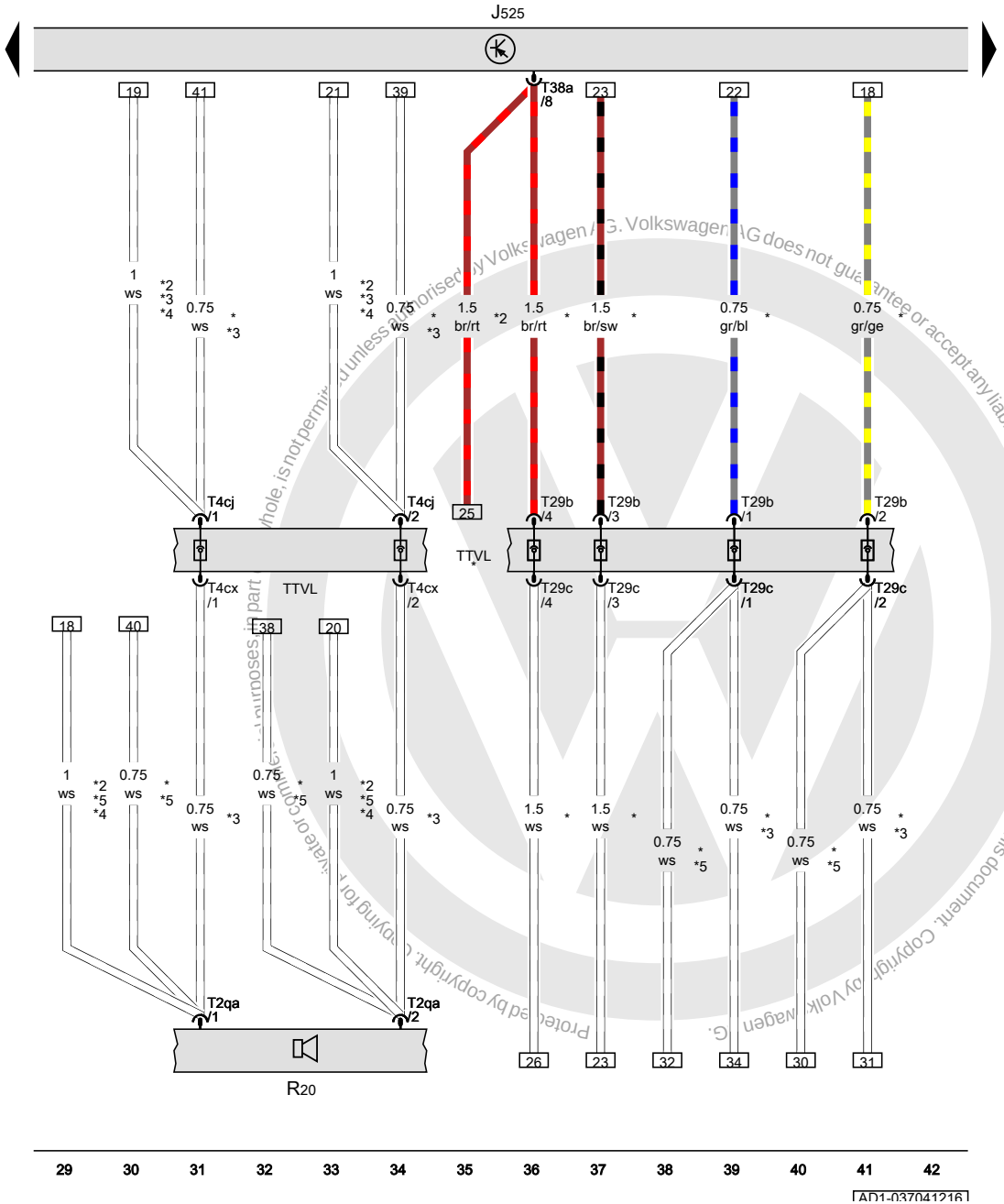


Digital sound package control unit, Front left bass loudspeaker

J525	Digital sound package control unit
R21	Front left bass loudspeaker
T2qb	2-pin connector, black
T27b	27-pin connector, black
T27c	27-pin connector, black
T38a	38-pin connector, black
TTVL	Coupling point for front left door
602	Earth point, in front left footwell
*	Only models with no overhead view camera
*2	Only models with overhead view camera
*3	Only right-hand drive models
*4	Cross section depends on equipment
*5	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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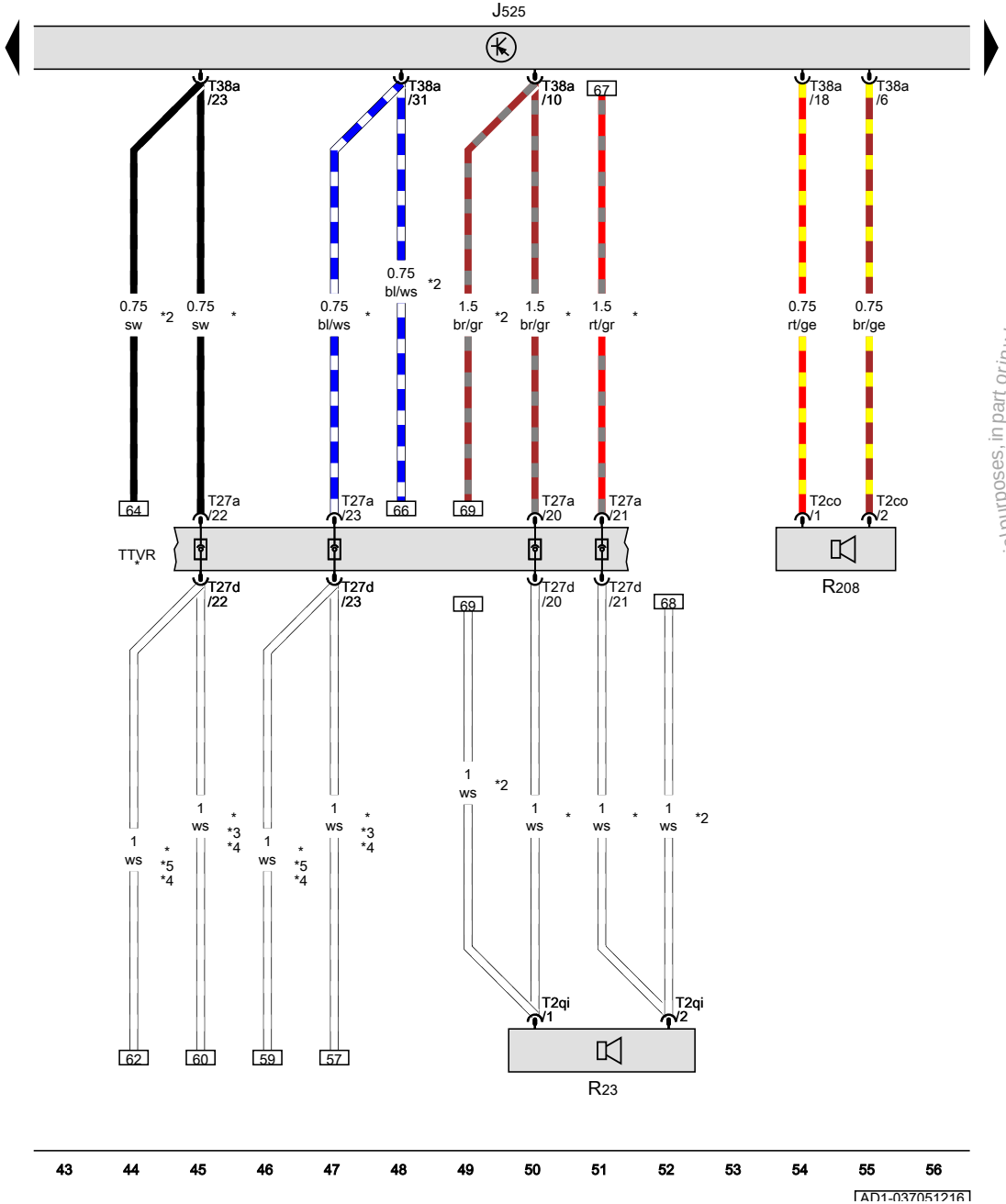


Digital sound package control unit

J525	Digital sound package control unit
R20	Front left treble loudspeaker
T2qa	2-pin connector, black
T4cj	4-pin connector, black
T4cx	4-pin connector, black
T29b	29-pin connector, white
T29c	29-pin connector, white
T38a	38-pin connector, black
TTVL	Coupling point for front left door
*	Only models with overhead view camera
*2	Only models with no overhead view camera
*3	Only right-hand drive models
*4	Cross section depends on equipment
*5	Only left-hand drive models

ws	=	white
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ro	=	red
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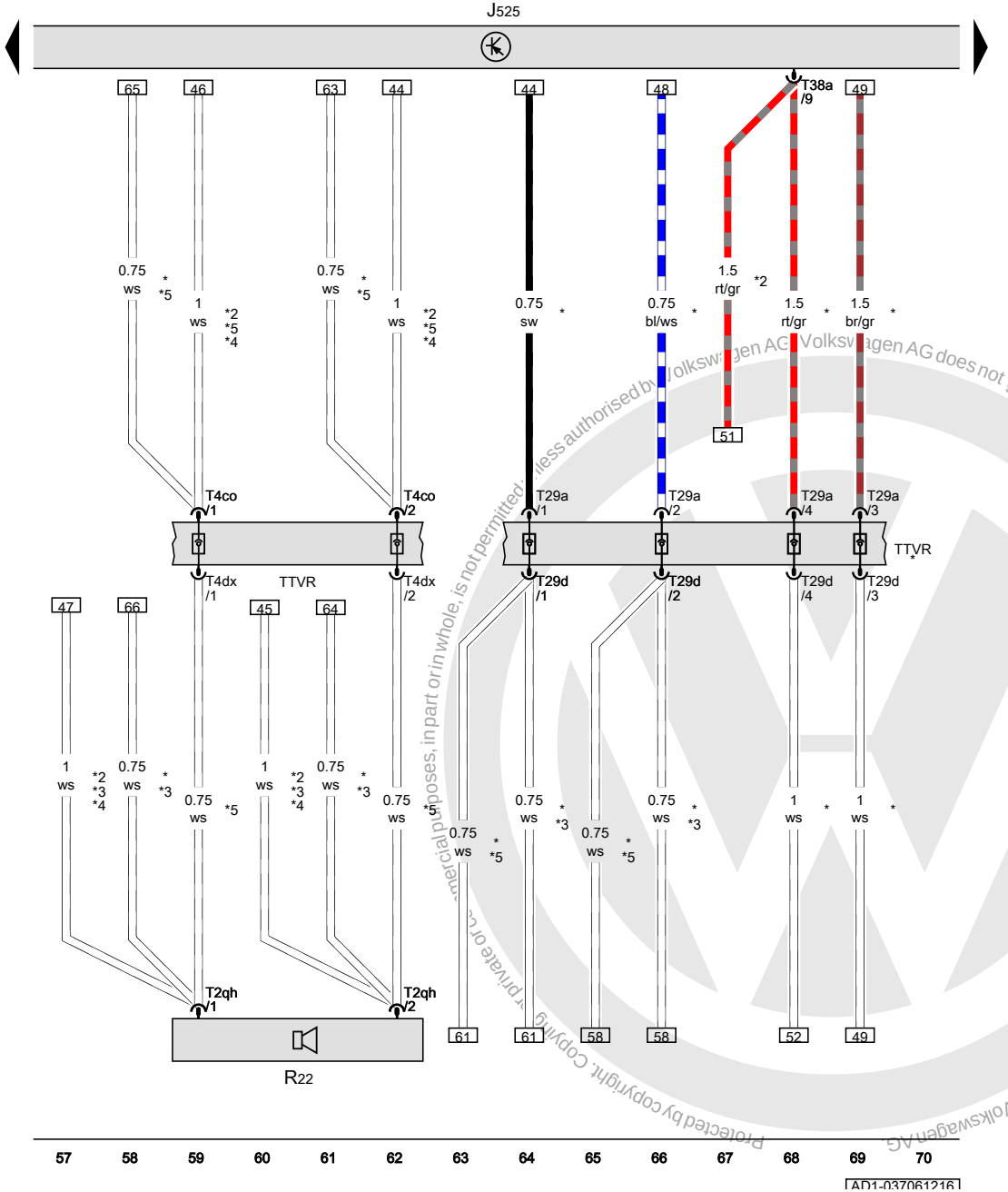


Digital sound package control unit, Front right bass loudspeaker, Centre loudspeaker

J525	Digital sound package control unit
R23	Front right bass loudspeaker
R208	Centre loudspeaker
T2co	2-pin connector, black
T2qi	2-pin connector, black
T27a	27-pin connector, black
T27d	27-pin connector, black
T38a	38-pin connector, black
TTVR	Coupling point for front right door
*	Only models with no overhead view camera
*2	Only models with overhead view camera
*3	Only right-hand drive models
*4	Cross section depends on equipment
*5	Only left-hand drive models

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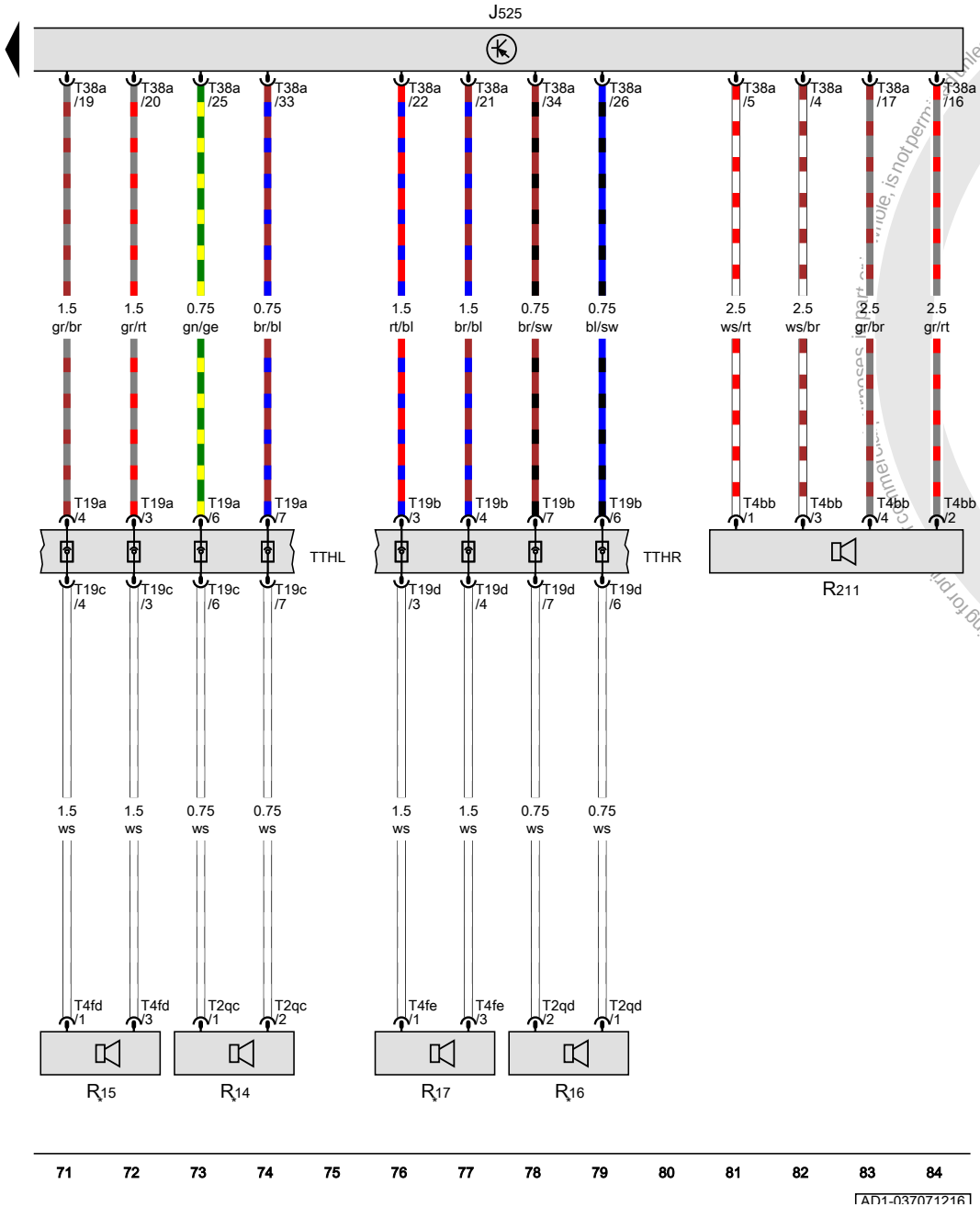


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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Digital sound package control unit, Front right treble loudspeaker

J525	Digital sound package control unit
R22	Front right treble loudspeaker
T2qh	2-pin connector, black
T4co	4-pin connector, black
T4dx	4-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
T38a	38-pin connector, black
TTVR	Coupling point for front right door
*	Only models with overhead view camera
*2	Only models with no overhead view camera
*3	Only right-hand drive models
*4	Cross section depends on equipment
*5	Only left-hand drive models

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Digital sound package control unit, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Subwoofer

J525	Digital sound package control unit
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R211	Subwoofer
T2qc	2-pin connector, black
T2qd	2-pin connector, black
T4bb	4-pin connector, black
T4fd	4-pin connector, black
T4fe	4-pin connector, black
T19a	19-pin connector, black
T19b	19-pin connector, black
T19c	19-pin connector, black
T19d	19-pin connector, black
T38a	38-pin connector, black
TTHL	Coupling point for rear left door
TTHR	Coupling point for rear right door
*	Pre-wired component

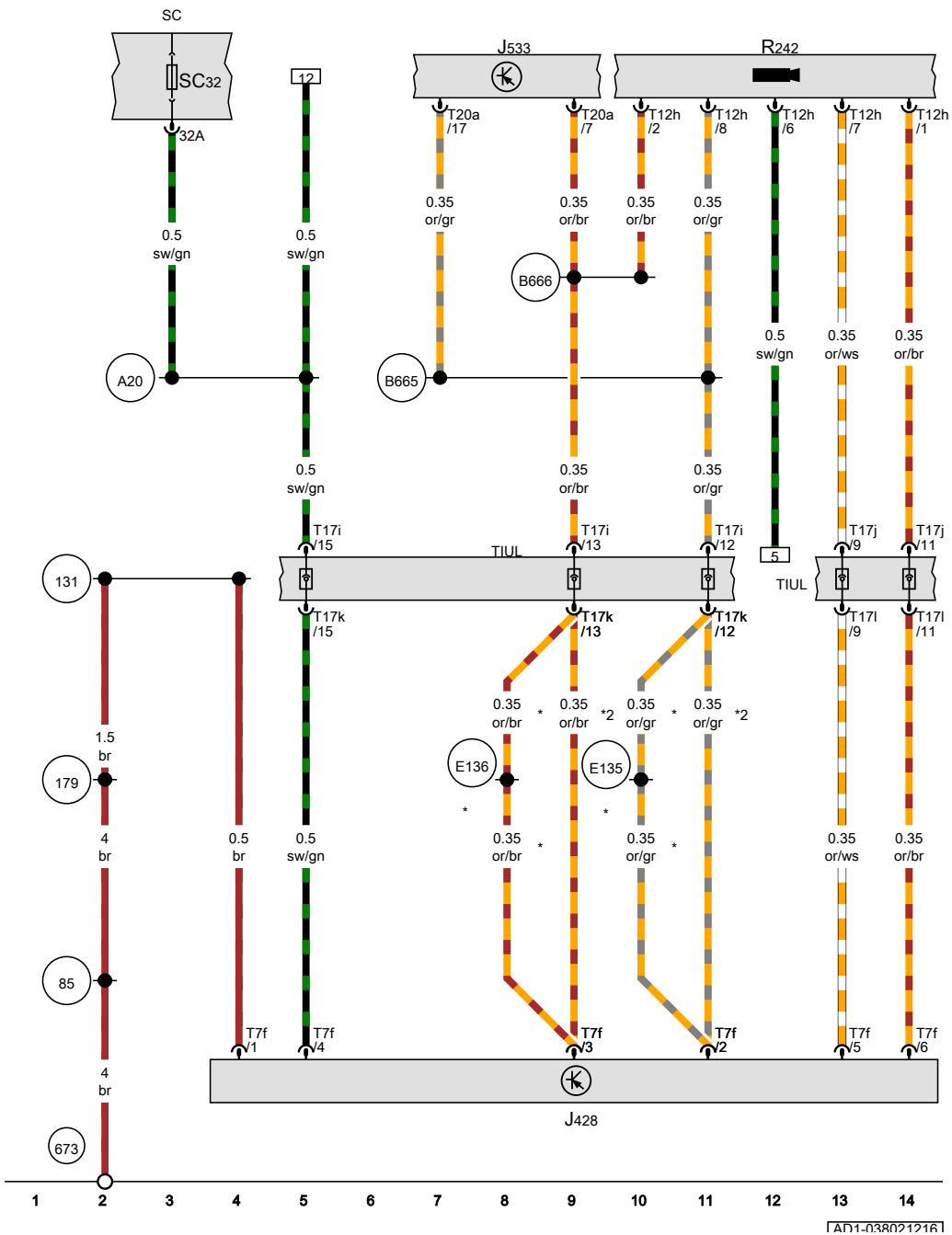
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ge	=	yellow
or	=	orange
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Adaptive cruise control , (8T7),(8T8),(6K2),(6K3),(6K4)

From January 2016

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Adaptive cruise control unit, Front camera for driver assist systems

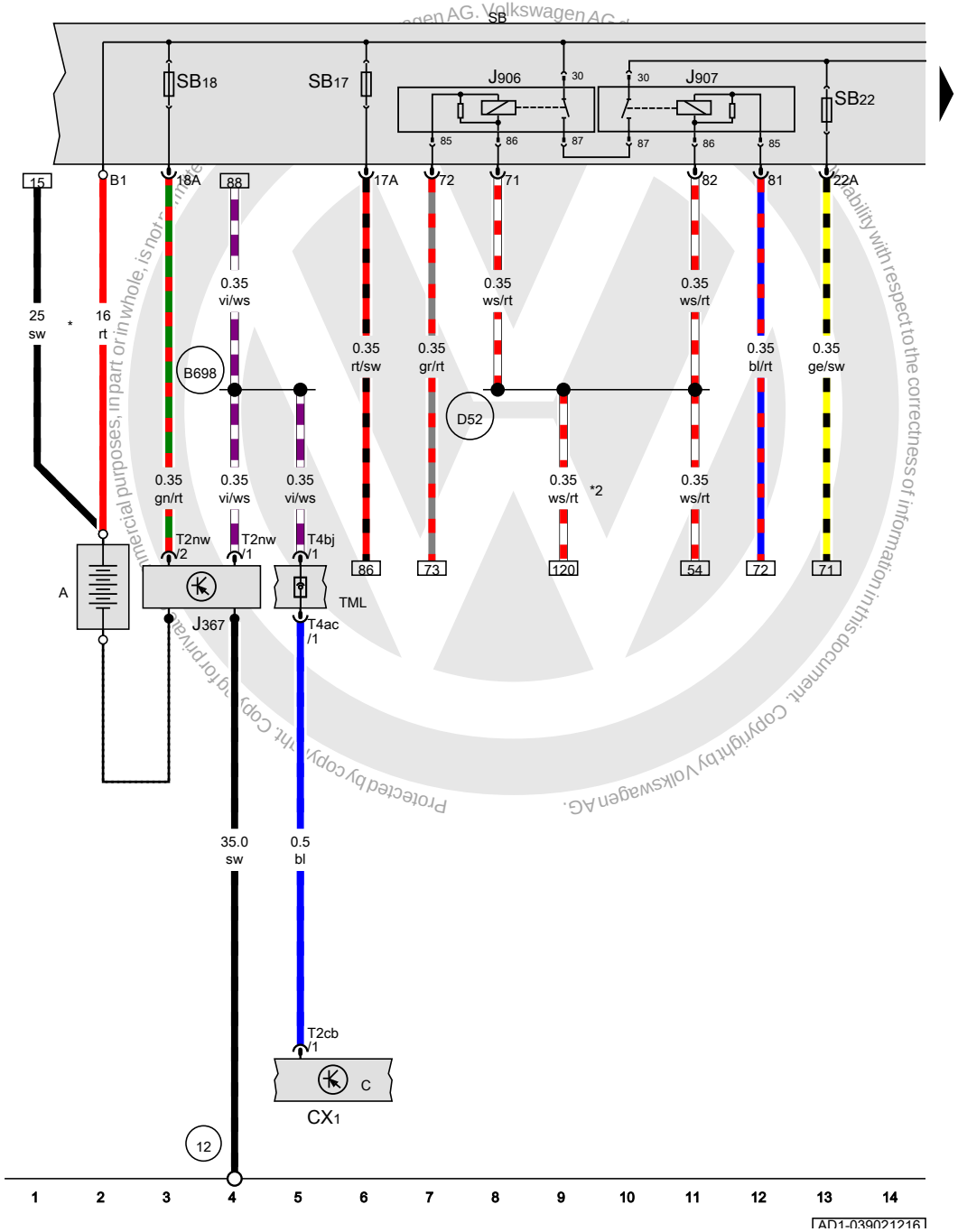
J428	Adaptive cruise control unit
J533	Data bus diagnostic interface
R242	Front camera for driver assist systems
SC	Fuse holder C
SC32	Fuse 32 on fuse holder C
T7f	7-pin connector, black
T12h	12-pin connector, black
T17i	17-pin connector, black
T17j	17-pin connector, brown
T17k	17-pin connector, black
T17l	17-pin connector, brown
T20a	20-pin connector, red
TIUL	Coupling point in interior, below left
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
673	Earth point 3, on front of left longitudinal member
A20	Positive connection (15a), in dash panel wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
E135	Connection (CAN bus extended high), in engine compartment wiring harness
E136	Connection (CAN bus extended low), in engine compartment wiring harness
*	Only models with automatic headlight range control
*2	Only models with no automatic headlight range control

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1.4l petrol engine , CZCA,CZDA

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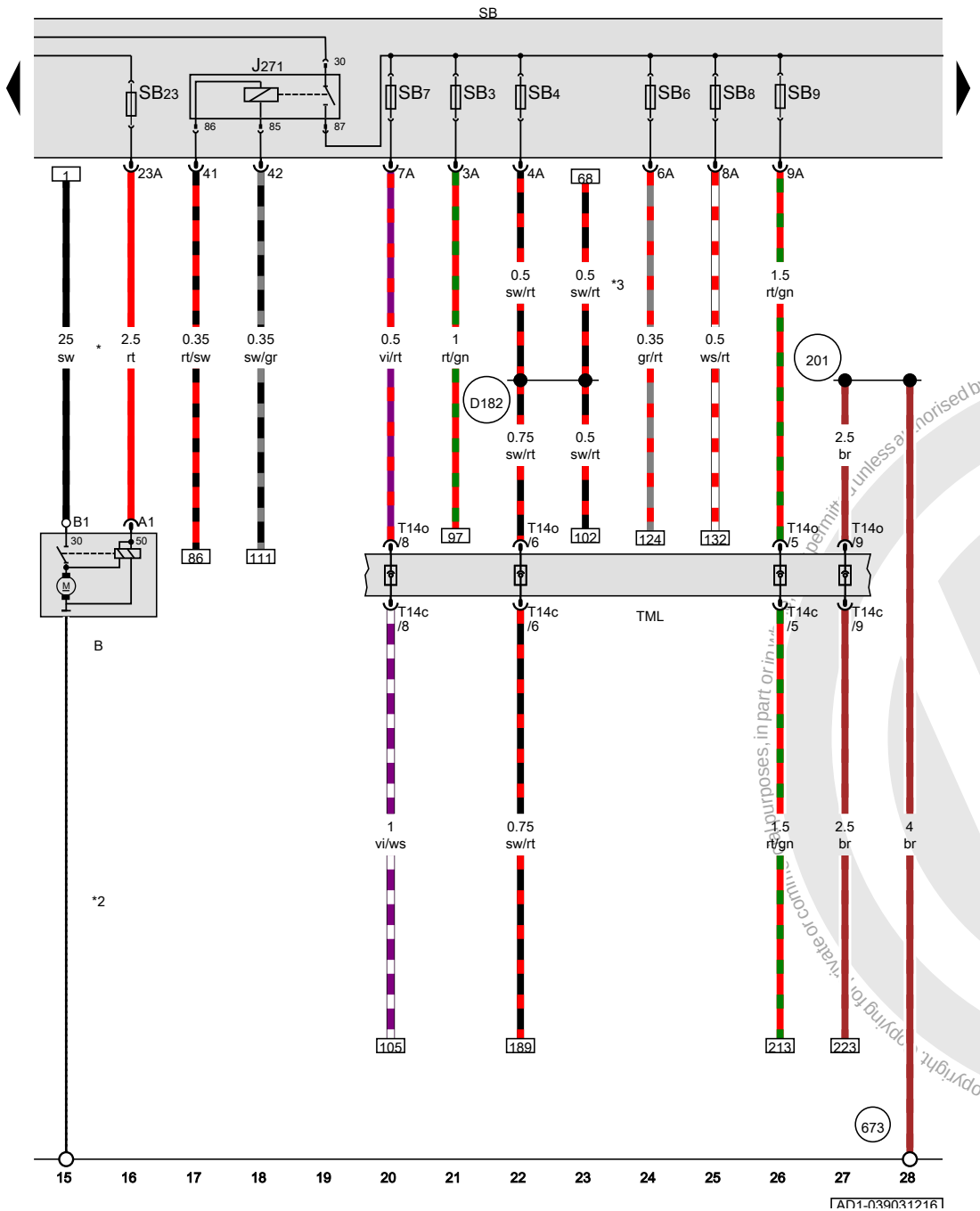


Battery, Alternator, Alternator with voltage regulator, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B, Fuse 17 on fuse holder B, Fuse 18 on fuse holder B, Fuse 22 on fuse holder B

A	Battery
C	Alternator
CX1	Alternator with voltage regulator
J367	Battery monitor control unit
J906	Starter relay 1
J907	Starter relay 2
SB	Fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB22	Fuse 22 on fuse holder B
T2cb	2-pin connector, black
T2nw	2-pin connector, black
T4ac	4-pin connector, black
T4bj	4-pin connector, black
TML	Coupling point in engine compartment, left
12	Earth point, on left in engine compartment
B698	Connection 3 (LIN bus) in main wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
*	Cross section depends on equipment
*2	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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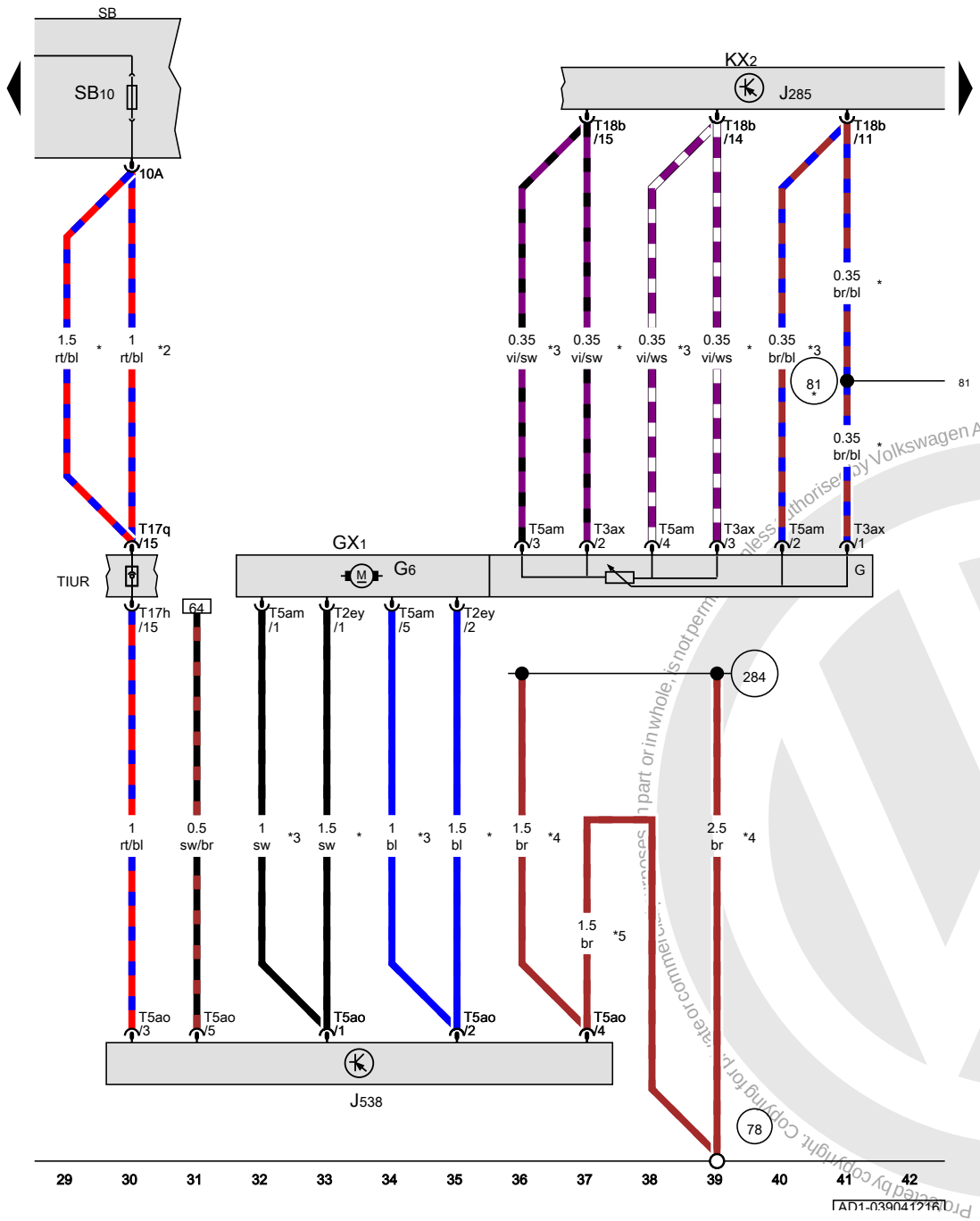


Starter, Main relay, Fuse holder B, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B, Fuse 6 on fuse holder B, Fuse 7 on fuse holder B, Fuse 8 on fuse holder B, Fuse 9 on fuse holder B, Fuse 23 on fuse holder B

B	Starter
J271	Main relay
SB	Fuse holder B
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
SB9	Fuse 9 on fuse holder B
SB23	Fuse 23 on fuse holder B
T14c	14-pin connector, grey
T14o	14-pin connector, grey
TML	Coupling point in engine compartment, left
201	Earth connection 5, in engine compartment wiring harness
673	Earth point 3, on front of left longitudinal member
D182	Connection 3 (87a), in engine compartment wiring harness
*	Cross section depends on equipment
*2	Earth supply via housing
*3	Only models with extended servicing intervals (ESI)

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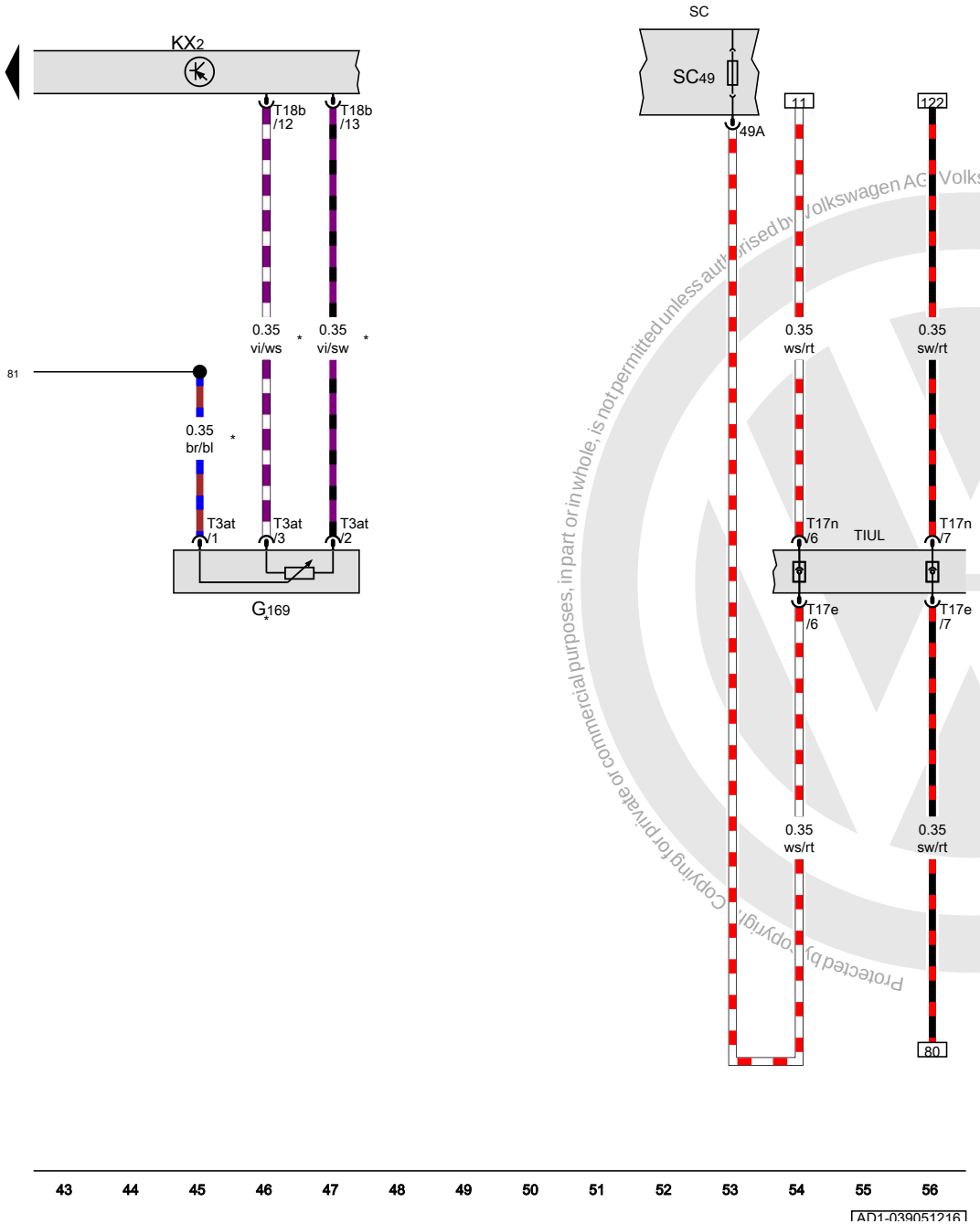


Fuel delivery unit, Control unit in dash panel insert, Fuel pump control unit, Dash panel insert, Fuse holder B, Fuse 10 on fuse holder B

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J285	Control unit in dash panel insert
J538	Fuel pump control unit
KX2	Dash panel insert
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
T2ey	2-pin connector, black
T3ax	3-pin connector, black
T5am	5-pin connector, black
T5ao	5-pin connector, black
T17h	17-pin connector, red
T17q	17-pin connector, red
T18b	18-pin connector, black
TIUR	Coupling point in interior, below right
78	Earth point, lower part of right B-pillar
81	Earth connection 1, in dash panel wiring harness
284	Earth connection 6, in interior wiring harness
*	Only models with all-wheel drive
*2	Only models with no all-wheel drive
*3	Only models with front-wheel drive
*4	Only models with no auxiliary heater function
*5	Only models with auxiliary heating

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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ge	=	yellow
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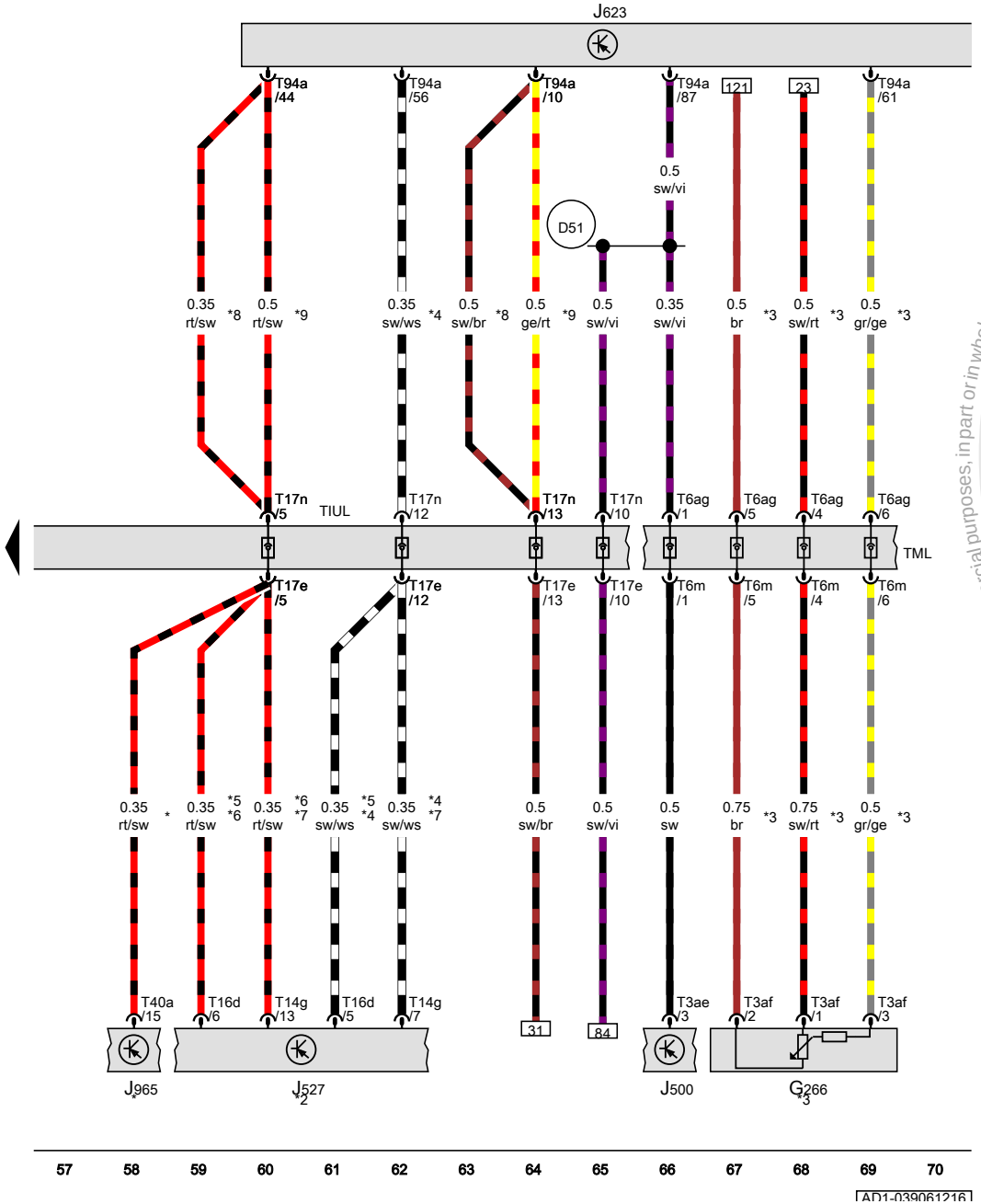
Fuel gauge sender 2, Dash panel insert, Fuse 49 on fuse holder C

G169	Fuel gauge sender 2
KX2	Dash panel insert
SC	Fuse holder C
SC49	Fuse 49 on fuse holder C
T3at	3-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T18b	18-pin connector, black
TIUL	Coupling point in interior, below left
81	Earth connection 1, in dash panel wiring harness
*	Only models with all-wheel drive

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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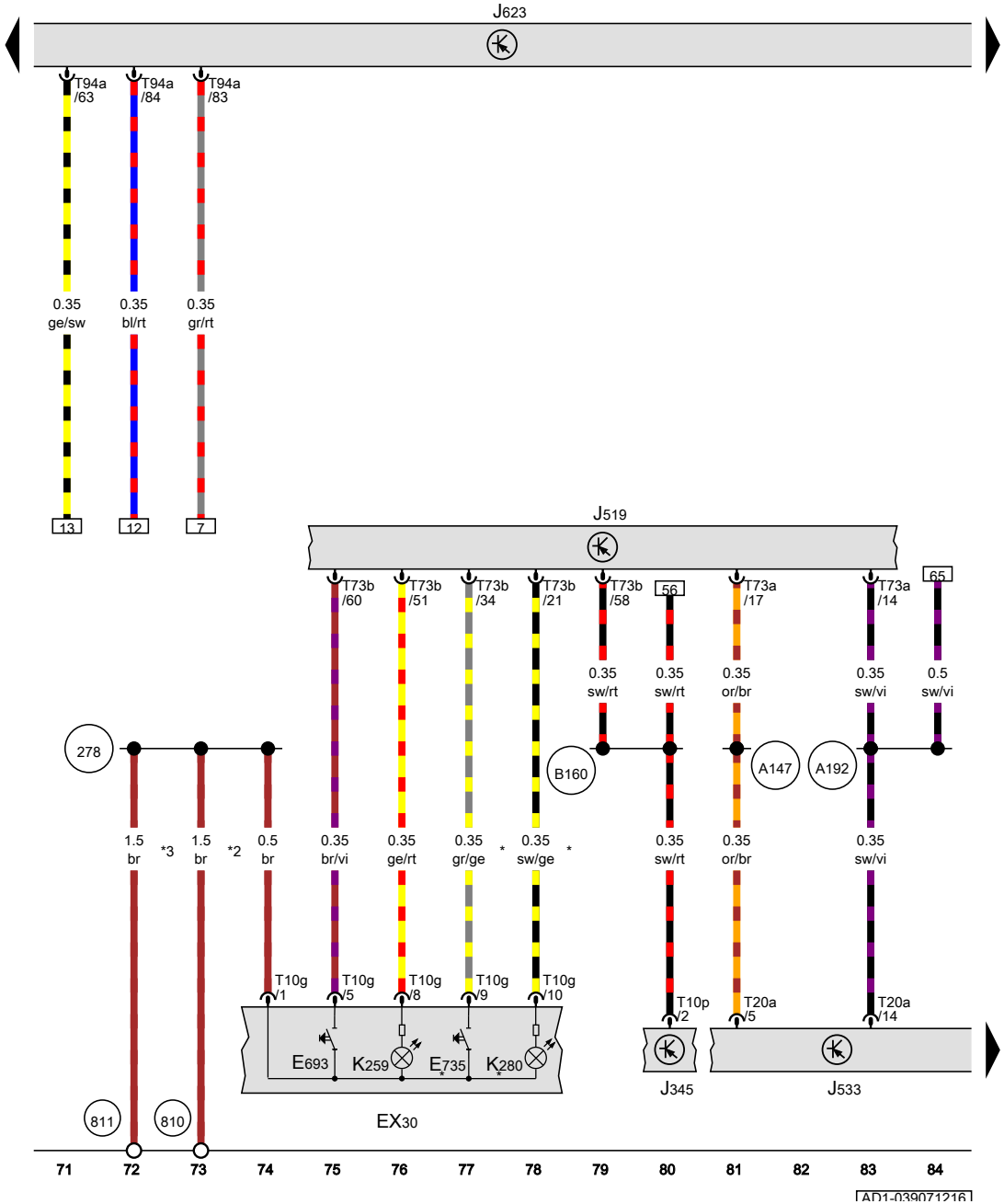
Power steering control unit, Engine control unit, Interface for entry and start system



G266	Oil level and oil temperature sender
J500	Power steering control unit
J527	Steering column electronics control unit
J623	Engine control unit
J965	Interface for entry and start system
T3ae	3-pin connector, black
T3af	3-pin connector, black
T6ag	6-pin connector, black
T6m	6-pin connector, black
T14g	14-pin connector, black
T16d	16-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T40a	40-pin connector, black
T94a	94-pin connector, black
TIUL	Coupling point in interior, below left
TML	Coupling point in engine compartment, left
D51	Positive connection 1 (15), in engine compartment wiring harness
*	Only models with entry and start authorisation
*2	see applicable current flow diagram
*3	Only models with extended servicing intervals (ESI)
*4	Only models with cruise control system (CCS)
*5	Only models with no heated steering wheel
*6	Only models with no entry and start authorisation
*7	Only models with heated steering wheel
*8	From November 2016
*9	Up to November 2016

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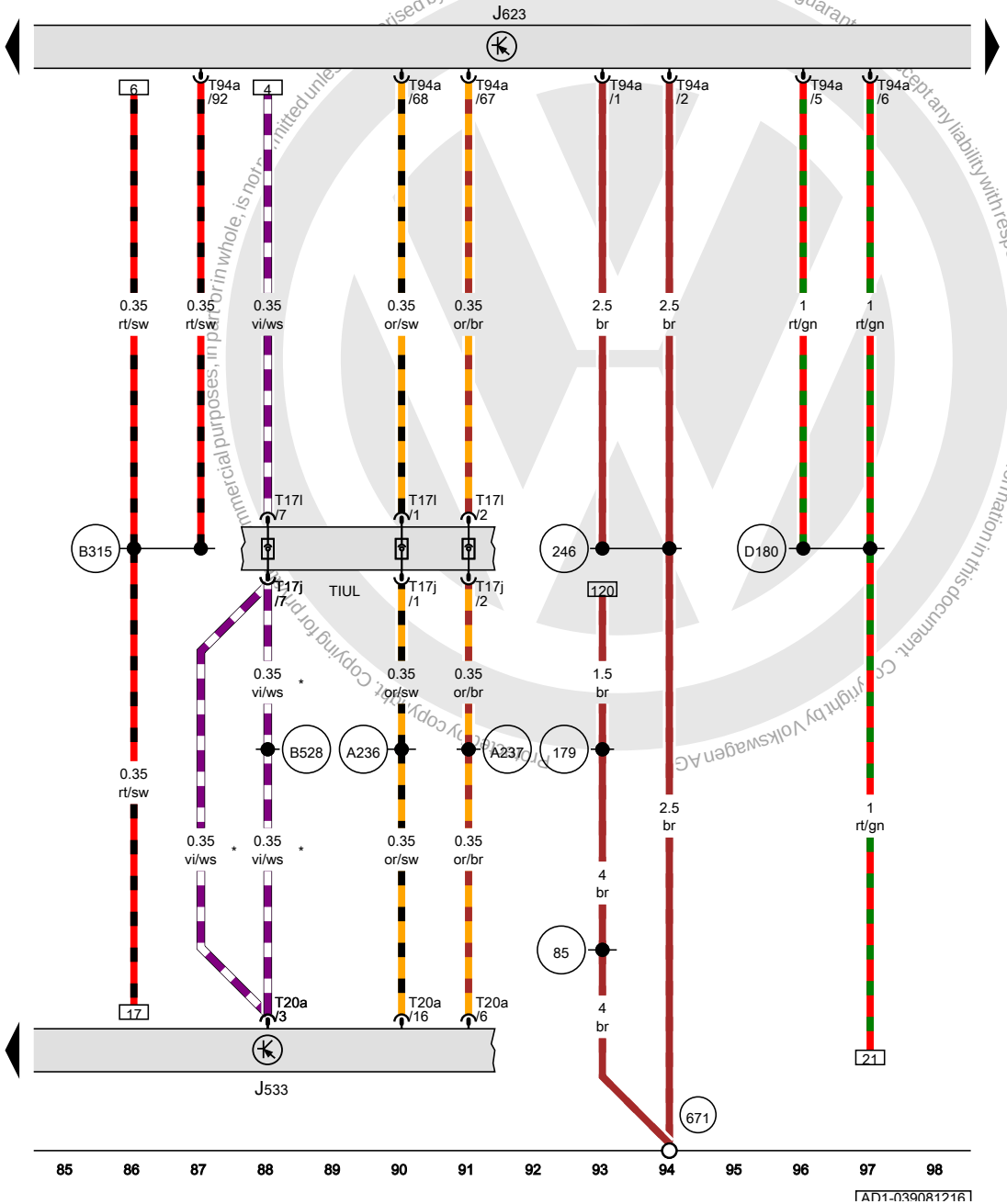


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br = brown
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Switch module 2 in centre console, Start/Stop operation button, Driving mode selection button, Trailer detector control unit, Onboard supply control unit, Data bus diagnostic interface, Engine control unit, Start/Stop operation warning lamp, Driving mode selection warning lamp

EX30	Switch module 2 in centre console
E693	Start/Stop operation button
E735	Driving mode selection button
J345	Trailer detector control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J623	Engine control unit
K259	Start/Stop operation warning lamp
K280	Driving mode selection warning lamp
T10g	10-pin connector, red
T10p	10-pin connector, black
T20a	20-pin connector, red
T73a	73-pin connector, black
T73b	73-pin connector, black
T94a	94-pin connector, black
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
B160	Connection (brake system monitor), in interior wiring harness
*	According to equipment
*2	Only left-hand drive models
*3	Only right-hand drive models

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Data bus diagnostic interface, Engine control unit

J533 Data bus diagnostic interface
J623 Engine control unit
T17j 17-pin connector, brown
T17l 17-pin connector, brown
T20a 20-pin connector, red
T94a 94-pin connector, black
TIUL Coupling point in interior, below left

85 Earth connection 1, in engine compartment wiring harness

179 Earth connection, in left headlight wiring harness

246 Earth connection (control unit), in engine wiring harness

671 Earth point 1, on front of left longitudinal member

A236 Connection 1 (powertrain CAN bus, high), in dash panel wiring harness

A237 Connection 1 (powertrain CAN bus, low), in dash panel wiring harness

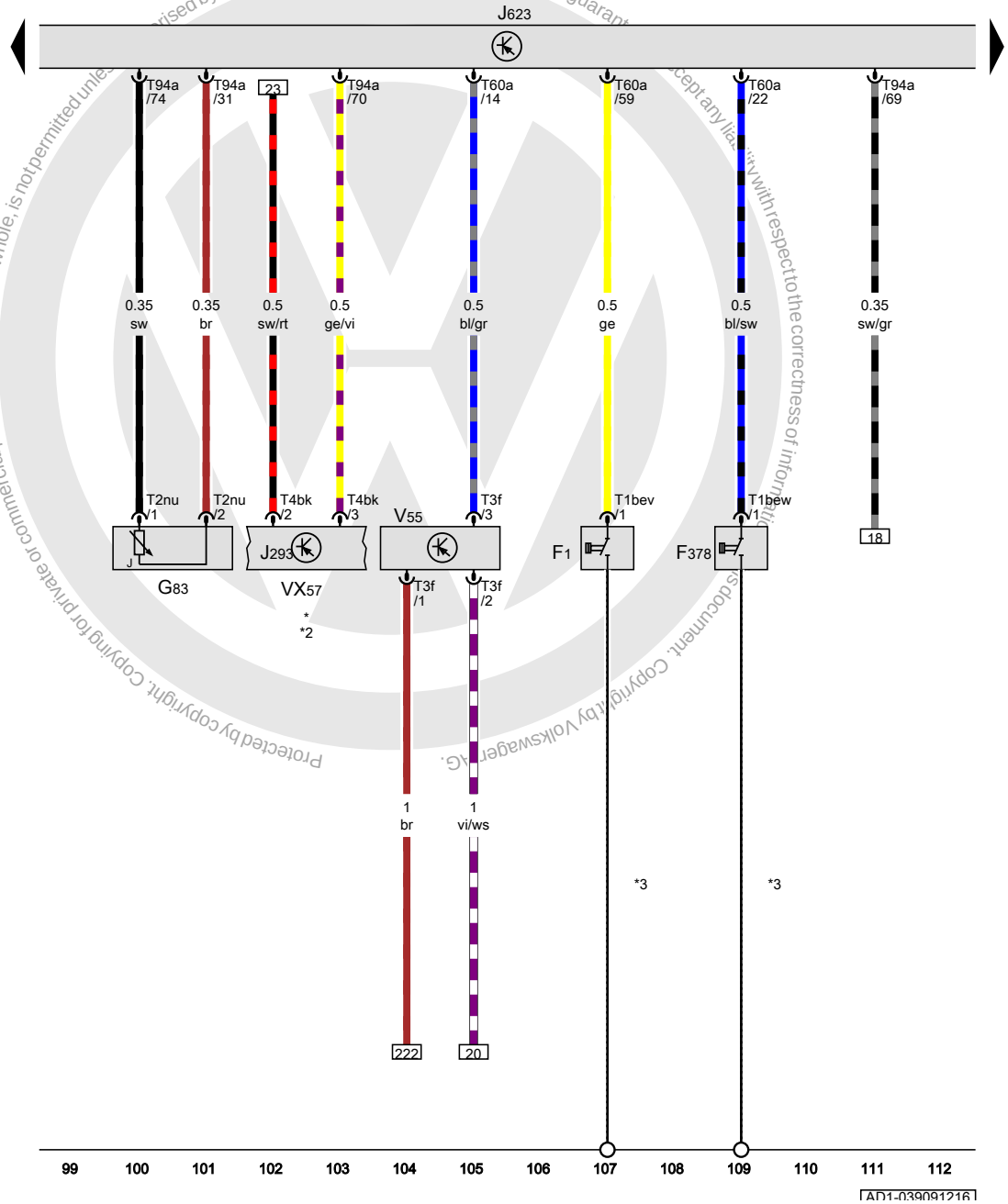
B315 Positive connection 1 (30a) in main wiring harness

B528 Connection 1 (LIN bus) in main wiring harness

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

* According to equipment

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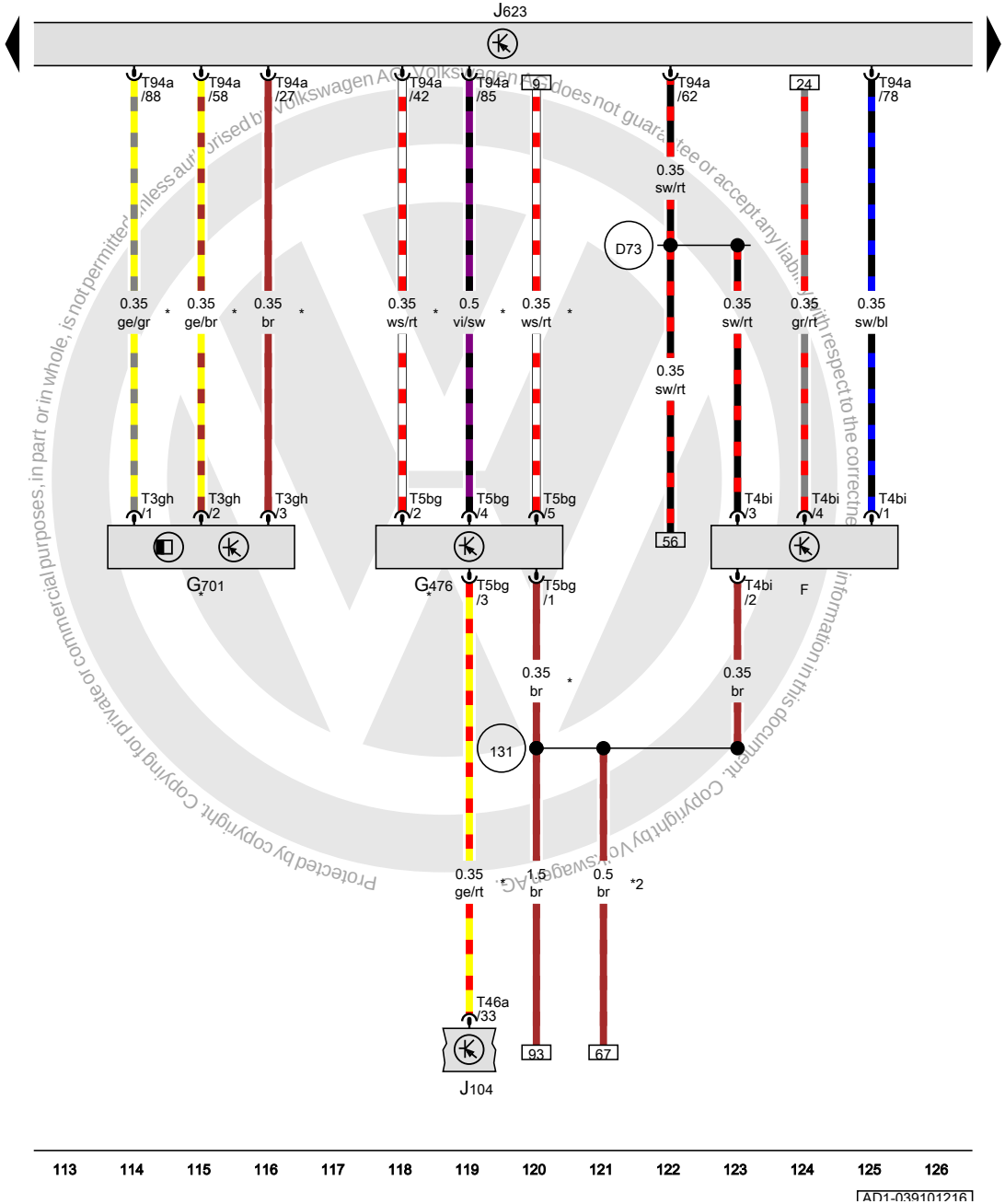


Oil pressure switch, Oil pressure switch for reduced oil pressure, Radiator outlet coolant temperature sender, Radiator fan control unit, Engine control unit, Circulation pump, Radiator fan

F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G83	Radiator outlet coolant temperature sender
J293	Radiator fan control unit
J623	Engine control unit
T1bev	1-pin connector, dark blue
T1bew	1-pin connector, black
T2nu	2-pin connector, black
T3f	3-pin connector, black
T4bk	4-pin connector, black
T60a	60-pin connector, black
T94a	94-pin connector, black
V55	Circulation pump
VX57	Radiator fan
*	Pre-wired component
*2	see applicable current flow diagram for radiator fan
*3	Earth supply via housing

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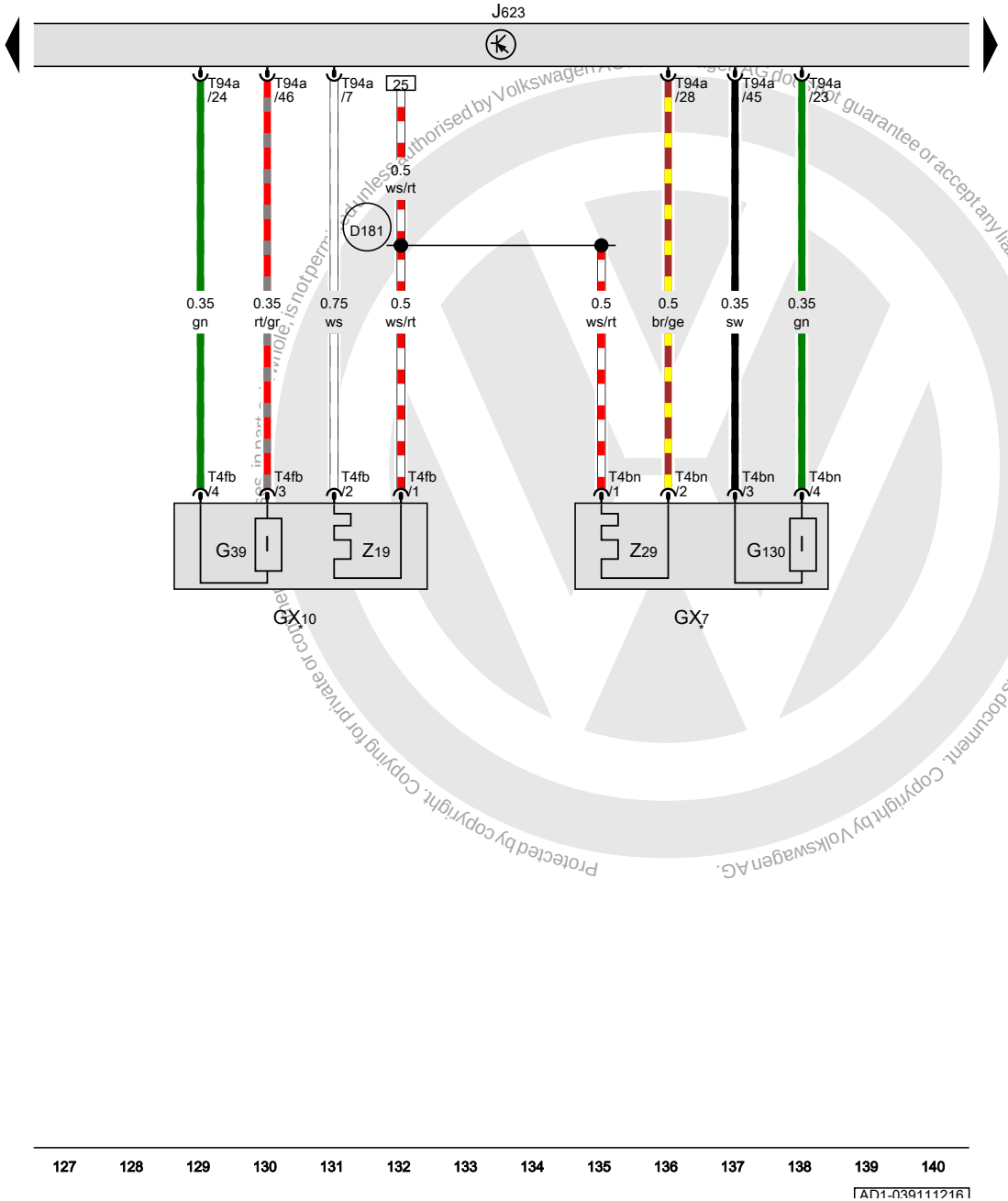


Brake light switch, Clutch position sender, Gearbox neutral position sender, ABS control unit, Engine control unit

F	Brake light switch
G476	Clutch position sender
G701	Gearbox neutral position sender
J104	ABS control unit
J623	Engine control unit
T3gh	3-pin connector, black
T4bi	4-pin connector, black
T5bg	5-pin connector, black
T46a	46-pin connector, black
T94a	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D73	Positive connection (54), in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with extended servicing intervals (ESI)

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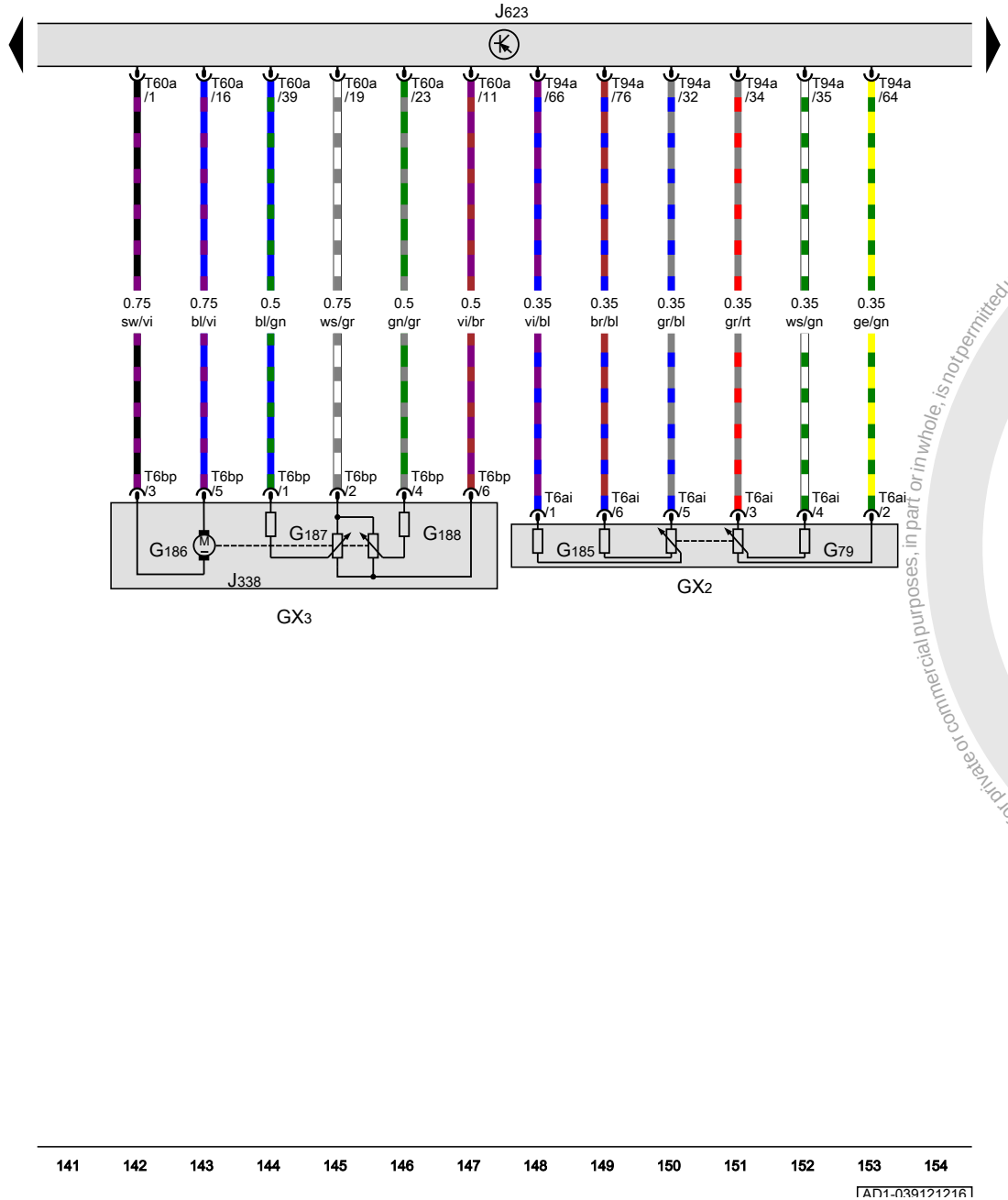


Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

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
T4bn	4-pin connector, black
T4fb	4-pin connector, brown
T94a	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D181	Connection 2 (87a), in engine compartment 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

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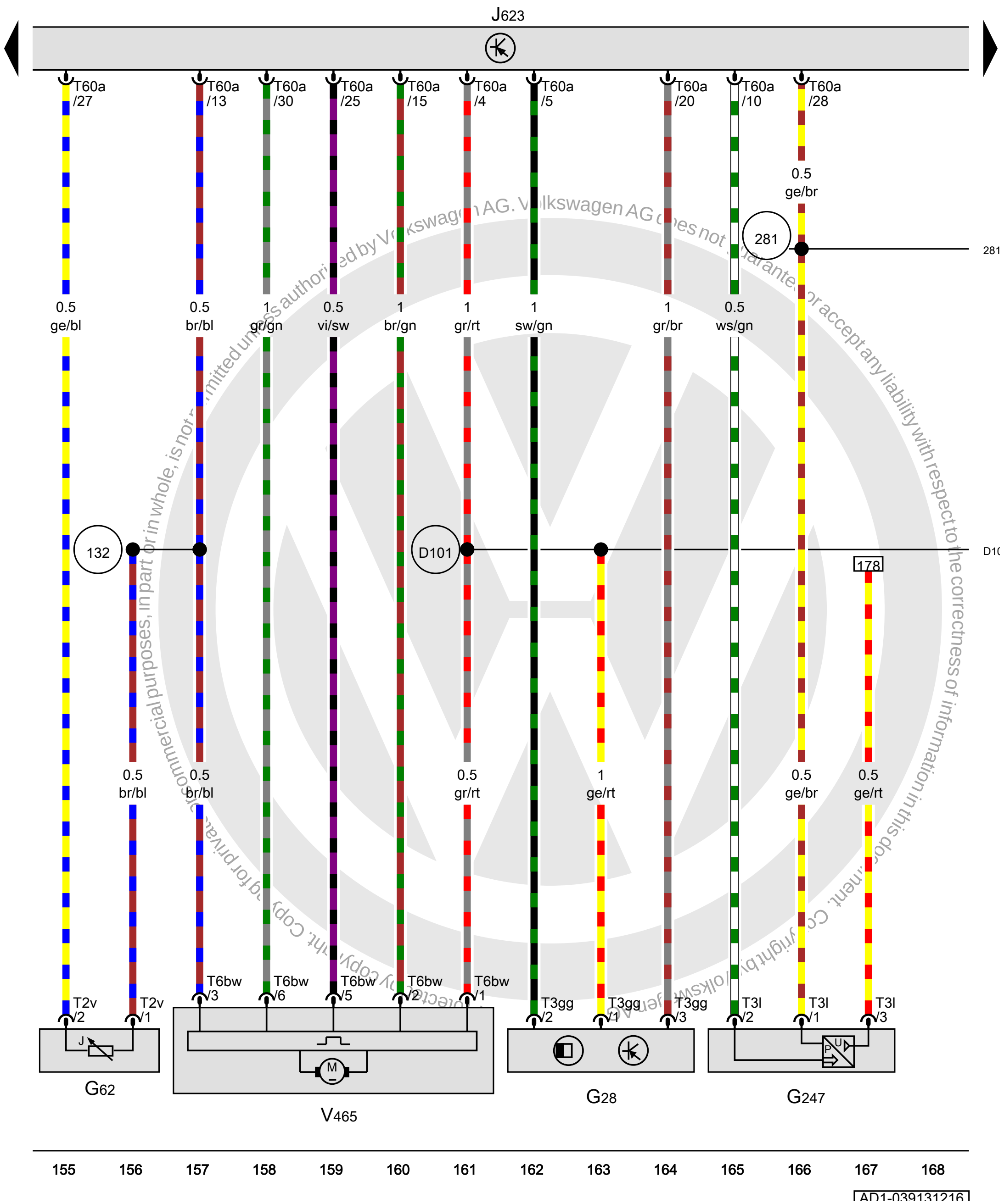
Accelerator pedal module, Throttle valve module, Accelerator position sender, Accelerator position sender 2, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Throttle valve module, Engine control unit

GX2	Accelerator pedal module
GX3	Throttle valve module
G79	Accelerator position sender
G185	Accelerator position sender 2
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
J623	Engine control unit
T6ai	6-pin connector, black
T6bp	6-pin connector, black
T60a	60-pin connector, black
T94a	94-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
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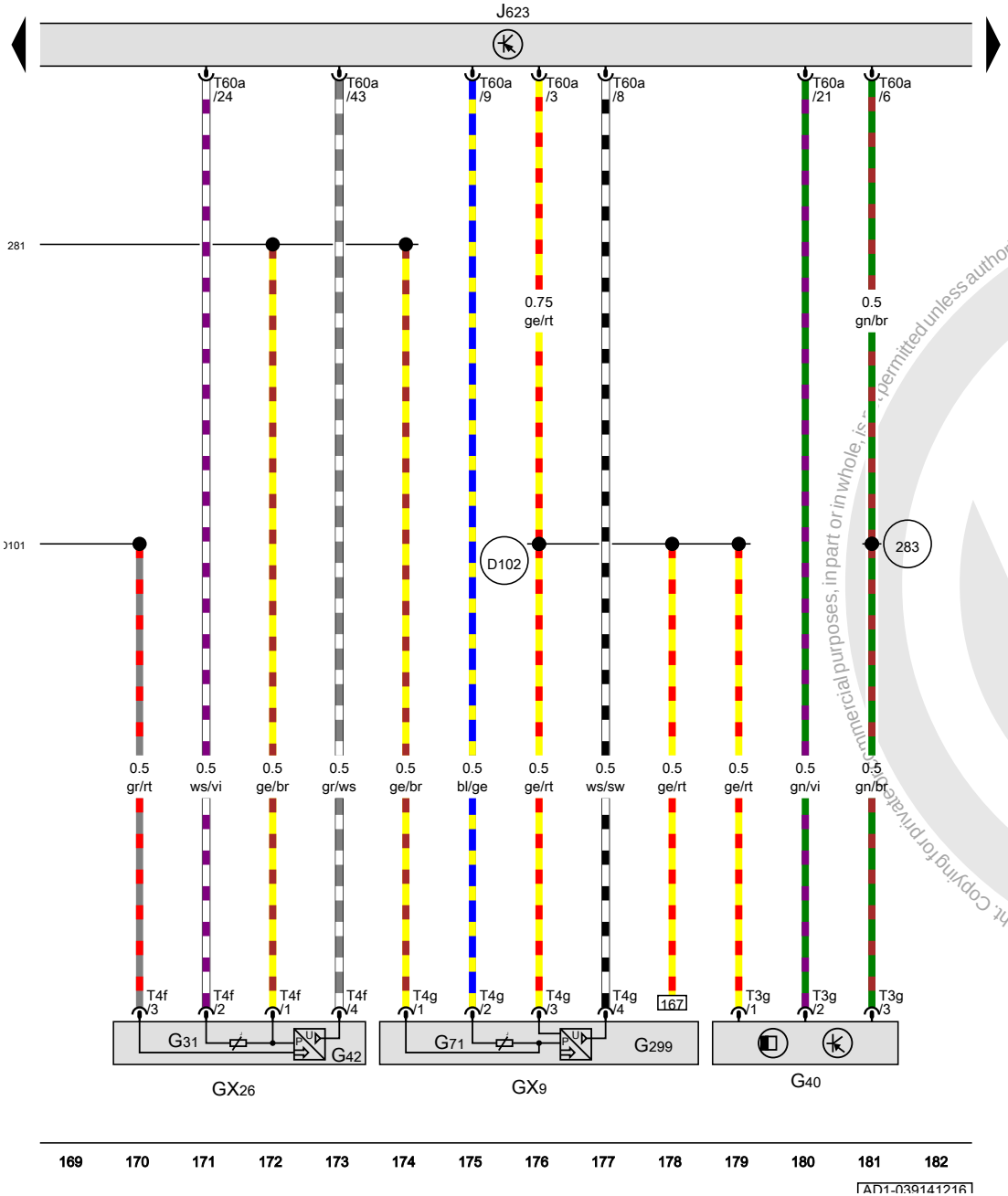
Engine speed sender, Coolant temperature sender, Fuel pressure sender, Engine control unit, Charge pressure positioner



G28	Engine speed sender
G62	Coolant temperature sender
G247	Fuel pressure sender
J623	Engine control unit
T2v	2-pin connector, black
T3gg	3-pin connector, black
T3l	3-pin connector, black
T6bw	6-pin connector, grey
T60a	60-pin connector, black
V465	Charge pressure positioner
132	Earth connection 3, in engine compartment wiring harness
281	Earth point 1, 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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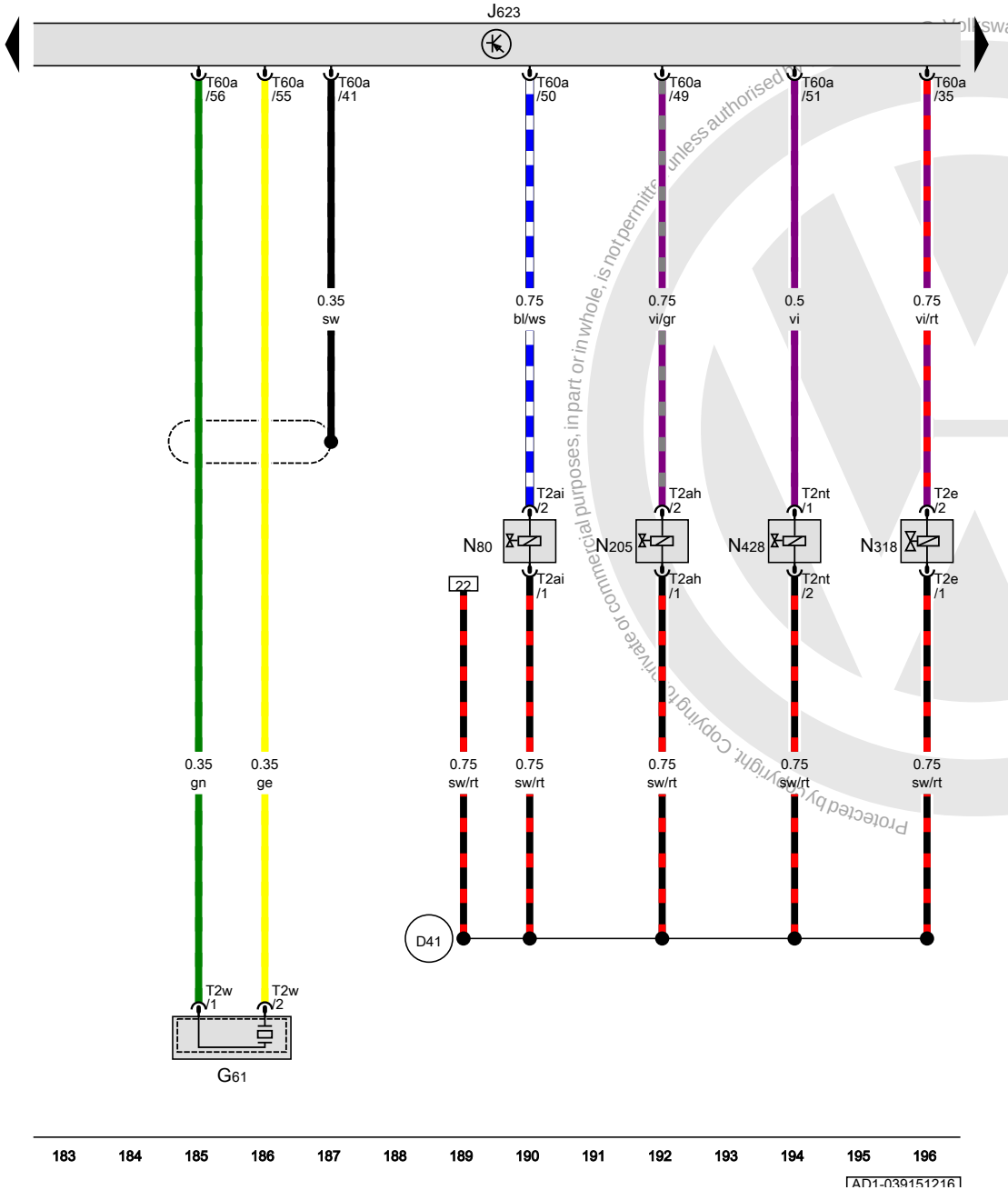


Intake manifold sender, Charge pressure sender, Charge pressure sender, Hall sender, Intake air temperature sender, Intake manifold pressure sender, Intake air temperature sender 2, Engine control unit

GX9	Intake manifold sender
GX26	Charge pressure 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
T3g	3-pin connector, black
T4f	4-pin connector, black
T4g	4-pin connector, black
T60a	60-pin connector, black
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness

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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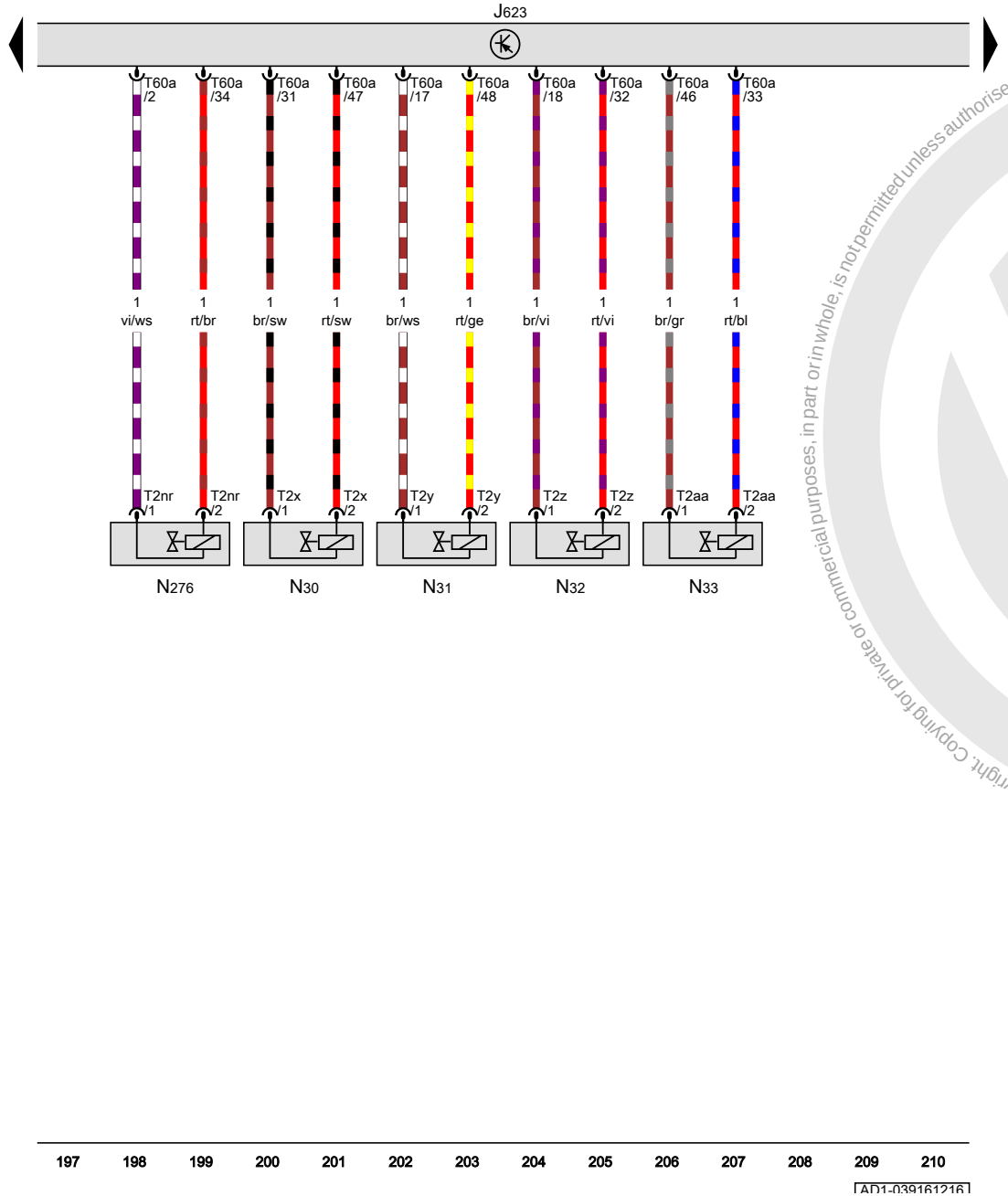
Knock sensor 1, Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Valve for oil pressure control

G61	Knock sensor 1
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
T2ah	2-pin connector, black
T2ai	2-pin connector, black
T2e	2-pin connector, black
T2nt	2-pin connector, black
T2w	2-pin connector, black
T60a	60-pin connector, black
D41	Connection 3, in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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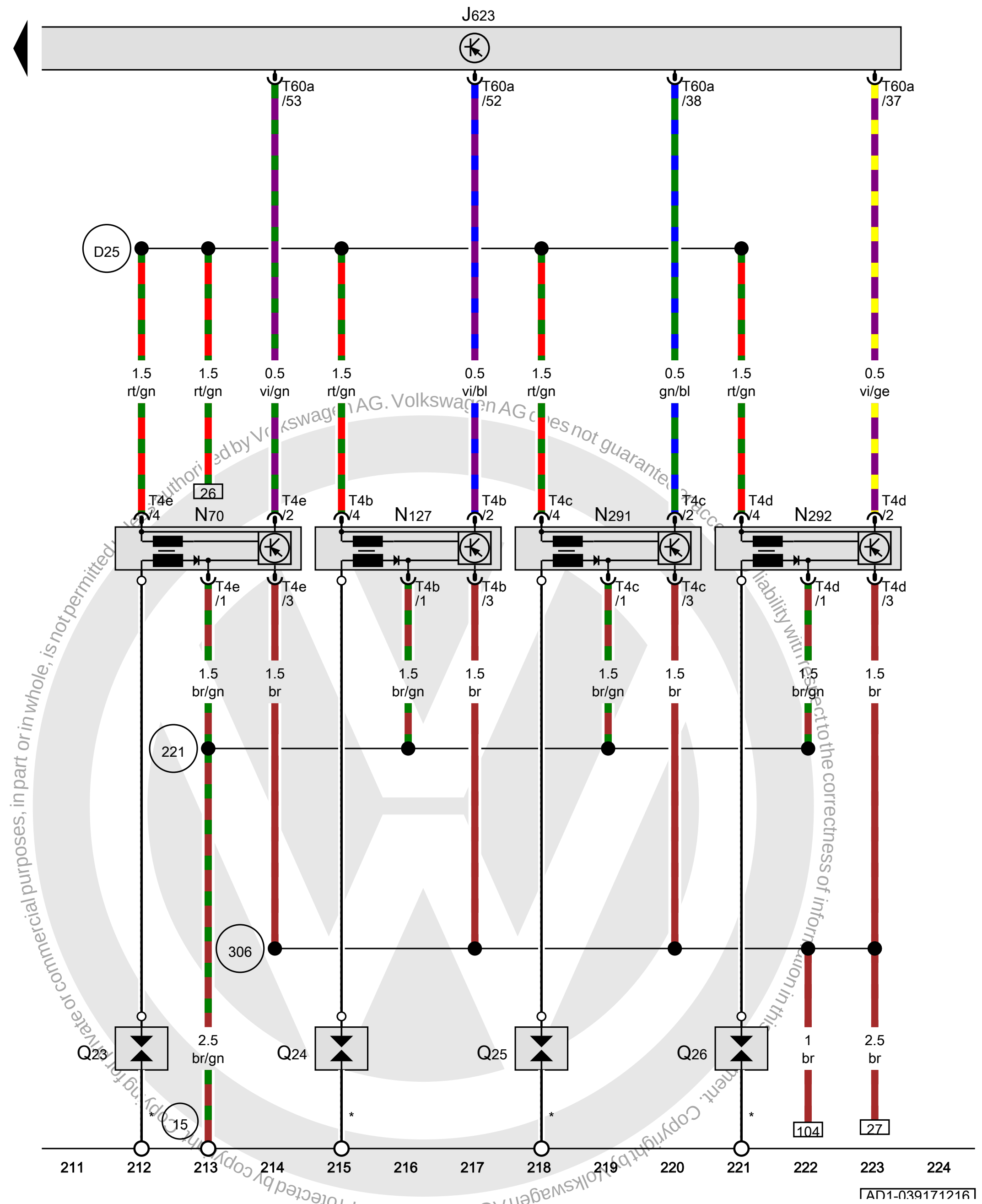
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Fuel pressure regulating valve



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
T2aa	2-pin connector, black
T2nr	2-pin connector, black
T2x	2-pin connector, black
T2y	2-pin connector, black
T2z	2-pin connector, black
T60a	60-pin connector, black

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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, Spark plug 1, Spark plug 2, Spark plug 3, Spark plug 4

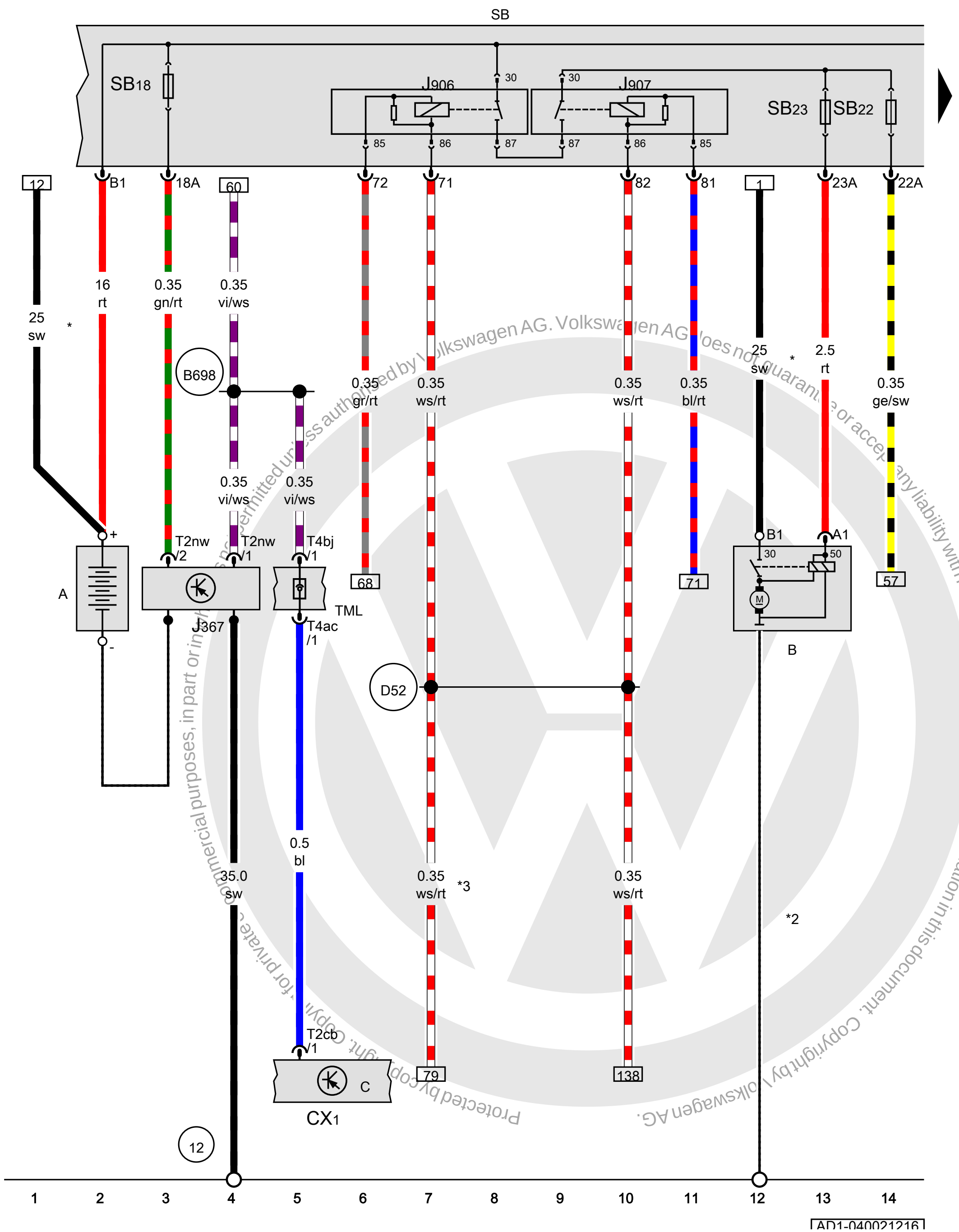
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4b	4-pin connector, black
T4c	4-pin connector, black
T4d	4-pin connector, black
T4e	4-pin connector, black
T60a	60-pin connector, black
15	Earth point, on cylinder head
221	Earth connection (engine earth), in engine wiring harness
306	Earth connection (ignition coils), in engine prewiring harness
D25	Positive connection (15), in engine prewiring harness
*	Earth supply via housing

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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1.4l petrol engine , CZEA

From January 2016

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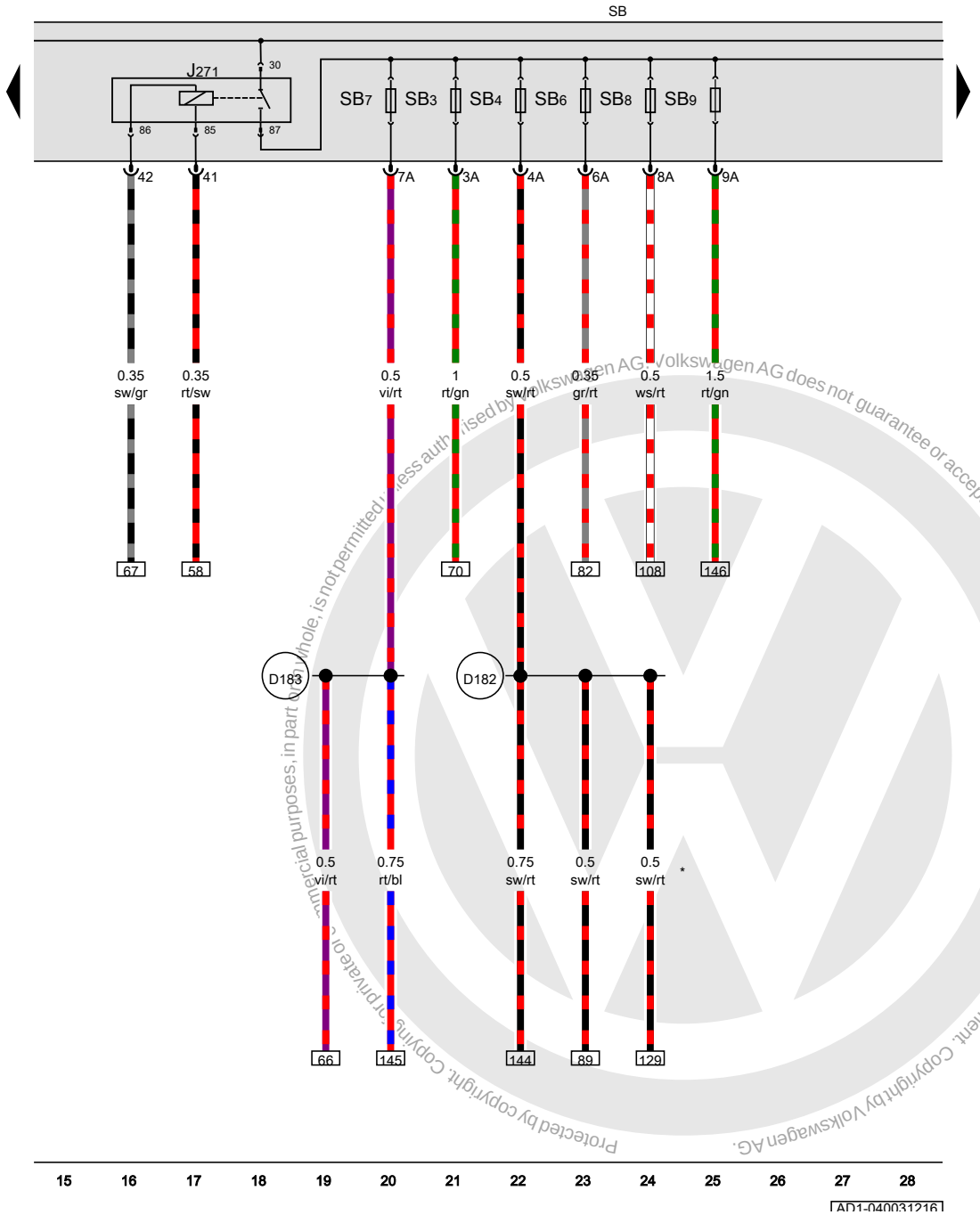


Battery, Starter, Alternator, Alternator with voltage regulator, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B

A	Battery
B	Starter
C	Alternator
CX1	Alternator with voltage regulator
J367	Battery monitor control unit, on earth cable battery clamp
J906	Starter relay 1
J907	Starter relay 2
SB	Fuse holder B
SB18	Fuse 18 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
T2cb	2-pin connector, black
T2nw	2-pin connector, black
T4ac	4-pin connector, black
T4bj	4-pin connector, black
TML	Coupling point in engine compartment, left
12	Earth point, on left in engine compartment
B698	Connection 3 (LIN bus) in main wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
*	Cross-section 35.0 possible
*2	Earth supply via housing
*3	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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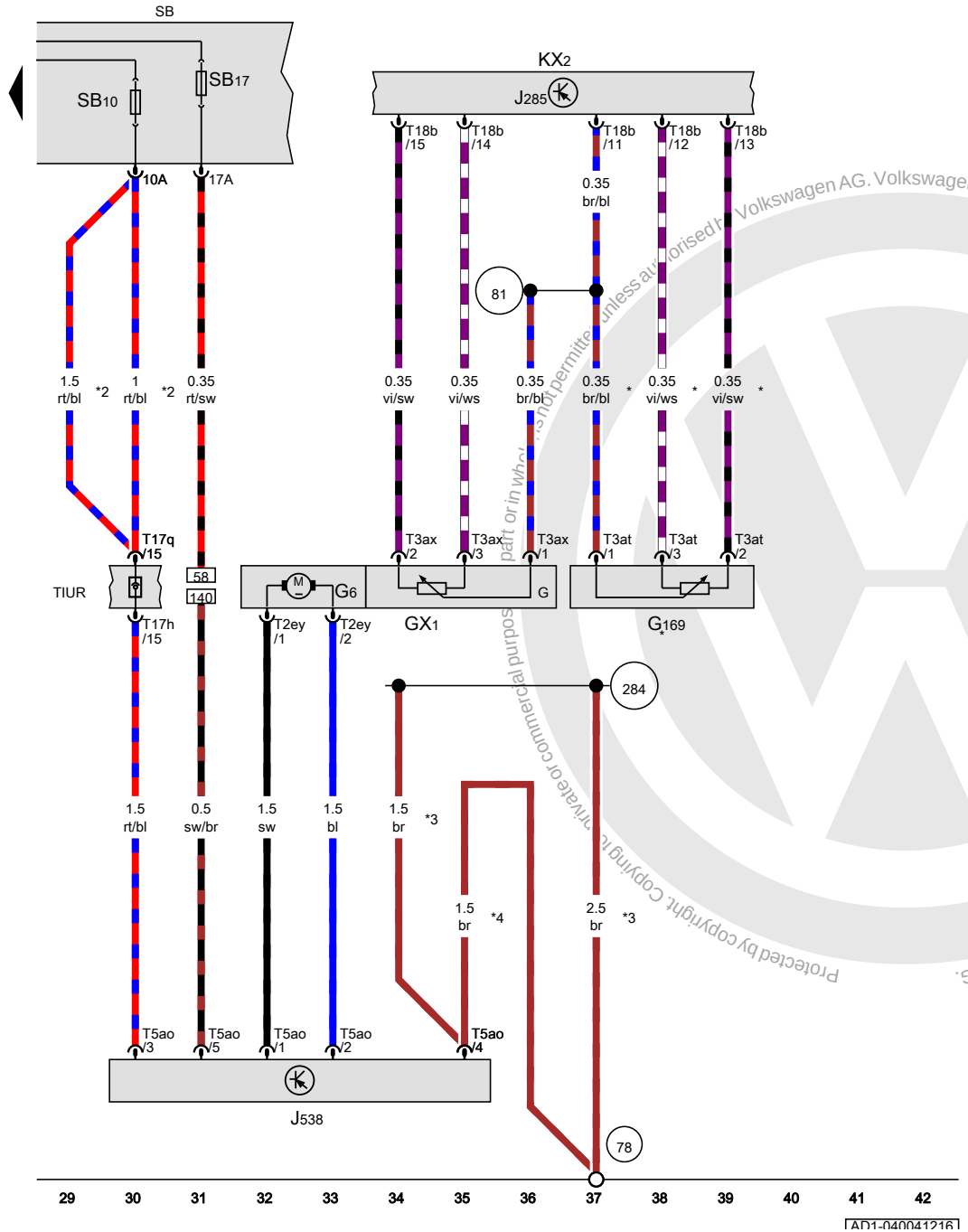


Main relay, Fuse holder B

J271	Main relay
SB	Fuse holder B
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
SB9	Fuse 9 on fuse holder B
D182	Connection 3 (87a), in engine compartment wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
*	Only models with extended servicing intervals (ESI)

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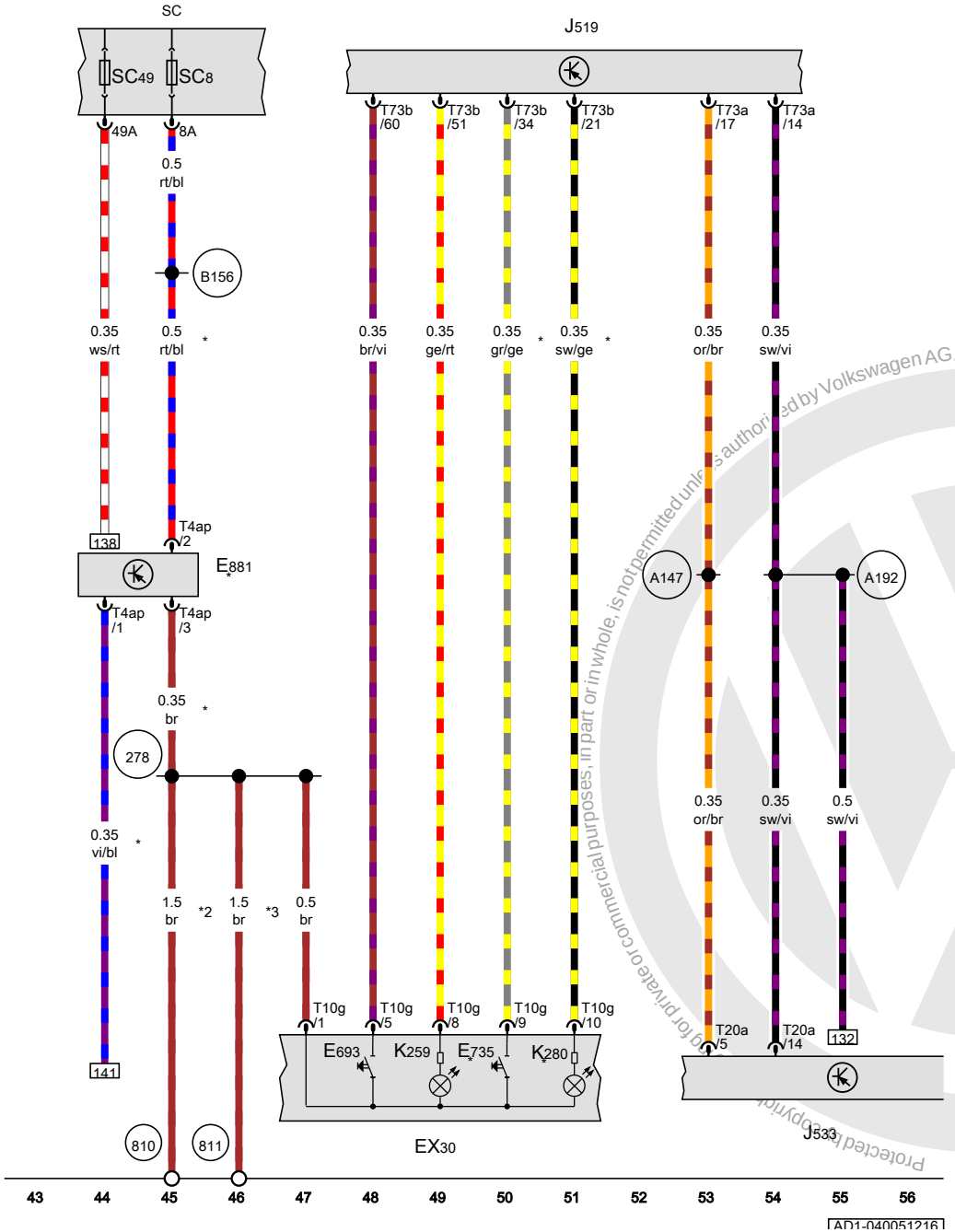


Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Fuel gauge sender 2, Control unit in dash panel insert, Fuel pump control unit, Dash panel insert, Fuse holder B

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
KX2	Dash panel insert
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB17	Fuse 17 on fuse holder B
T2ey	2-pin connector, black
T3at	3-pin connector, black
T3ax	3-pin connector, black
T5ao	5-pin connector, black
T17h	17-pin connector, red
T17q	17-pin connector, red
T18b	18-pin connector, black
TIUR	Coupling point in interior, below right
78	Earth point, lower part of right B-pillar
81	Earth connection 1, in dash panel wiring harness
284	Earth connection 6, in interior wiring harness
*	Only models with all-wheel drive
*2	Cross section depends on equipment
*3	Only models with no auxiliary heater function
*4	Only models with auxiliary heating

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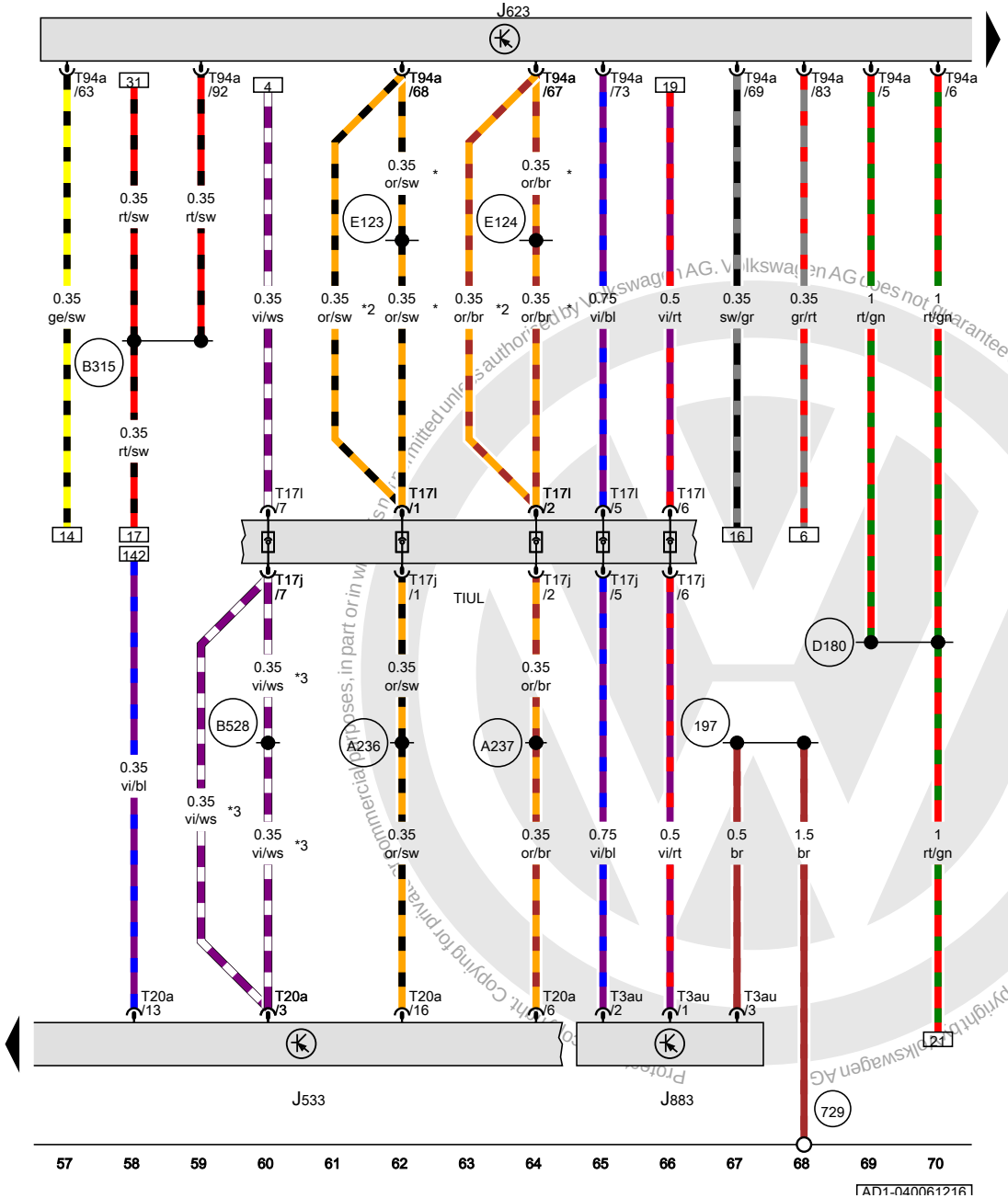


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
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ge = yellow
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Switch module 2 in centre console, Start/Stop operation button, Driving mode selection button, Operating unit for driving mode selection, Onboard supply control unit, Data bus diagnostic interface, Start/Stop operation warning lamp, Driving mode selection warning lamp, Fuse holder C

EX30	Switch module 2 in centre console
E693	Start/Stop operation button
E735	Driving mode selection button
E881	Operating unit for driving mode selection
J519	Onboard supply control unit
J533	Data bus diagnostic interface
K259	Start/Stop operation warning lamp
K280	Driving mode selection warning lamp
SC	Fuse holder C
SC8	Fuse 8 on fuse holder C
SC49	Fuse 49 on fuse holder C
T4ap	4-pin connector, black
T10g	10-pin connector, red
T20a	20-pin connector, red
T73a	73-pin connector, black
T73b	73-pin connector, black
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
B156	Positive connection (30a), in interior wiring harness
*	According to equipment
*2	Only left-hand drive models
*3	Only right-hand drive models

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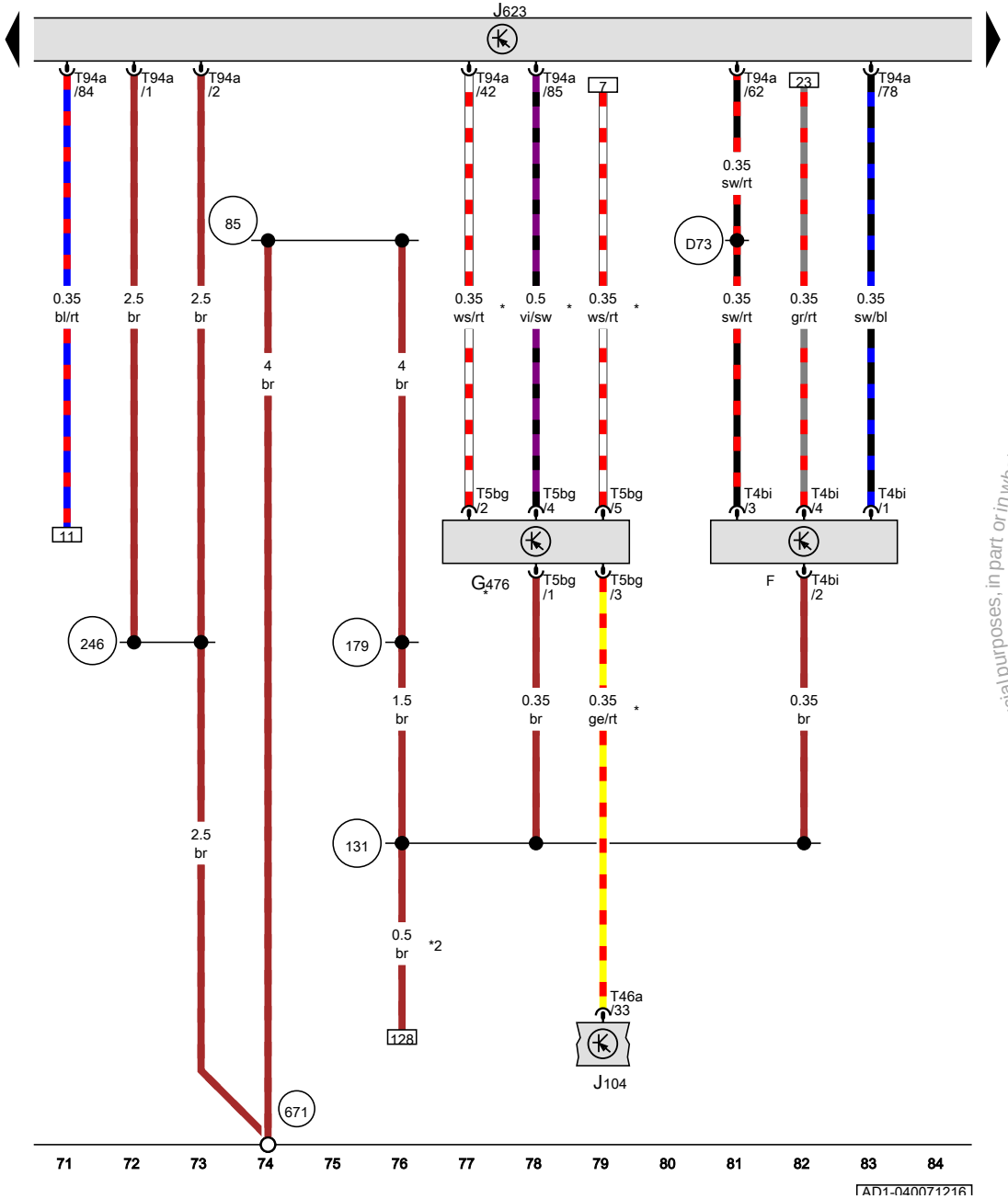


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Data bus diagnostic interface, Engine control unit, Exhaust flap control unit

J533	Data bus diagnostic interface
J623	Engine control unit
J883	Exhaust flap control unit
T3au	3-pin connector, black
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T20a	20-pin connector, red
T94a	94-pin connector, black
TIUL	Coupling point in interior, below left
197	Earth connection 4, in rear wiring harness
729	Earth point, on left rear wheel housing
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
D180	Connection (87a), in engine compartment wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	Only models with no start/stop system
*2	Only models with start/stop system
*3	According to equipment

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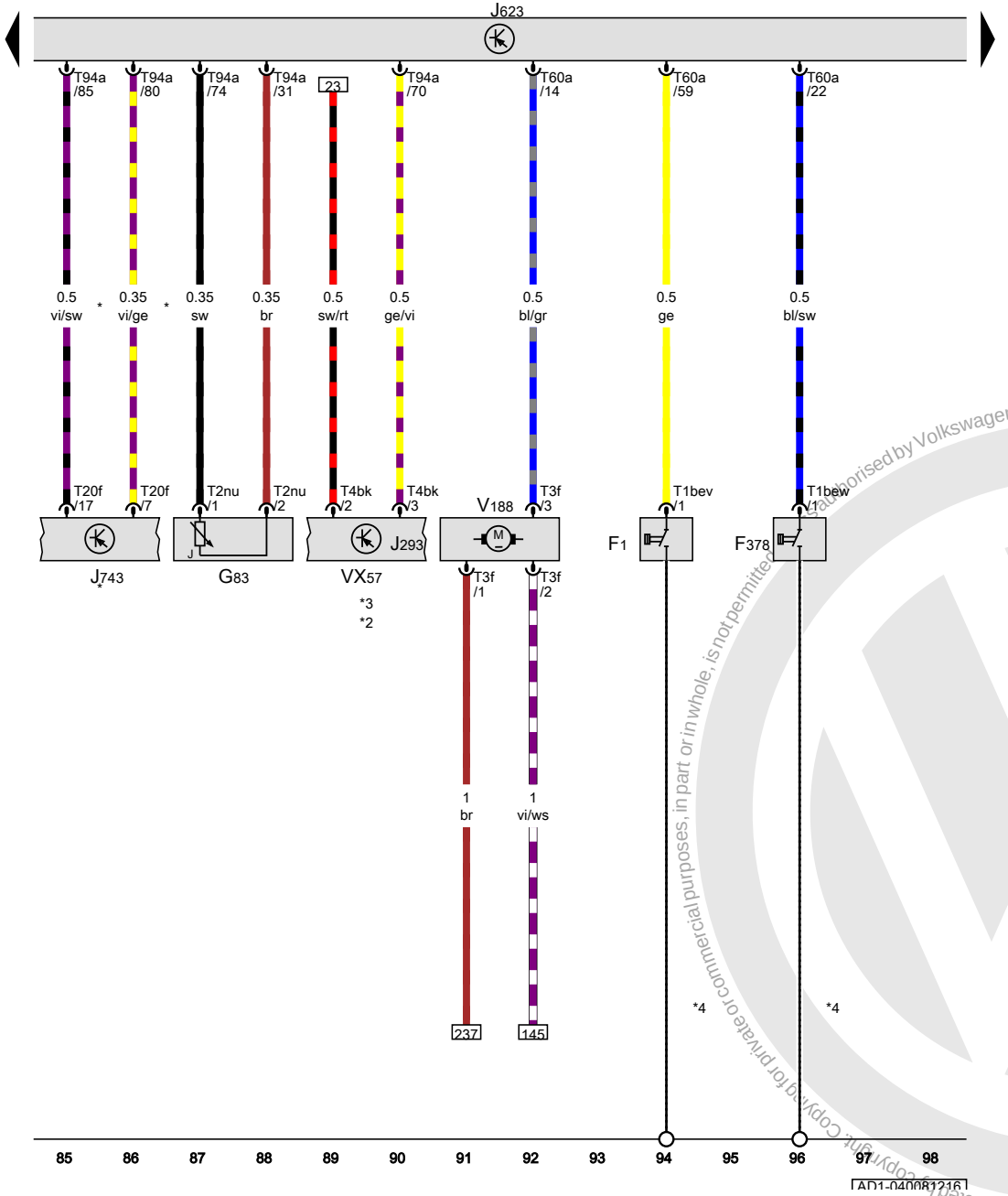


Brake light switch, Clutch position sender, ABS control unit, Engine control unit

F	Brake light switch
G476	Clutch position sender
J104	ABS control unit
J623	Engine control unit
T4bi	4-pin connector, black
T5bg	5-pin connector, black
T46a	46-pin connector, black
T94a	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
246	Earth connection (control unit), in engine wiring harness
671	Earth point 1, on front of left longitudinal member
D73	Positive connection (54), in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with extended servicing intervals (ESI)

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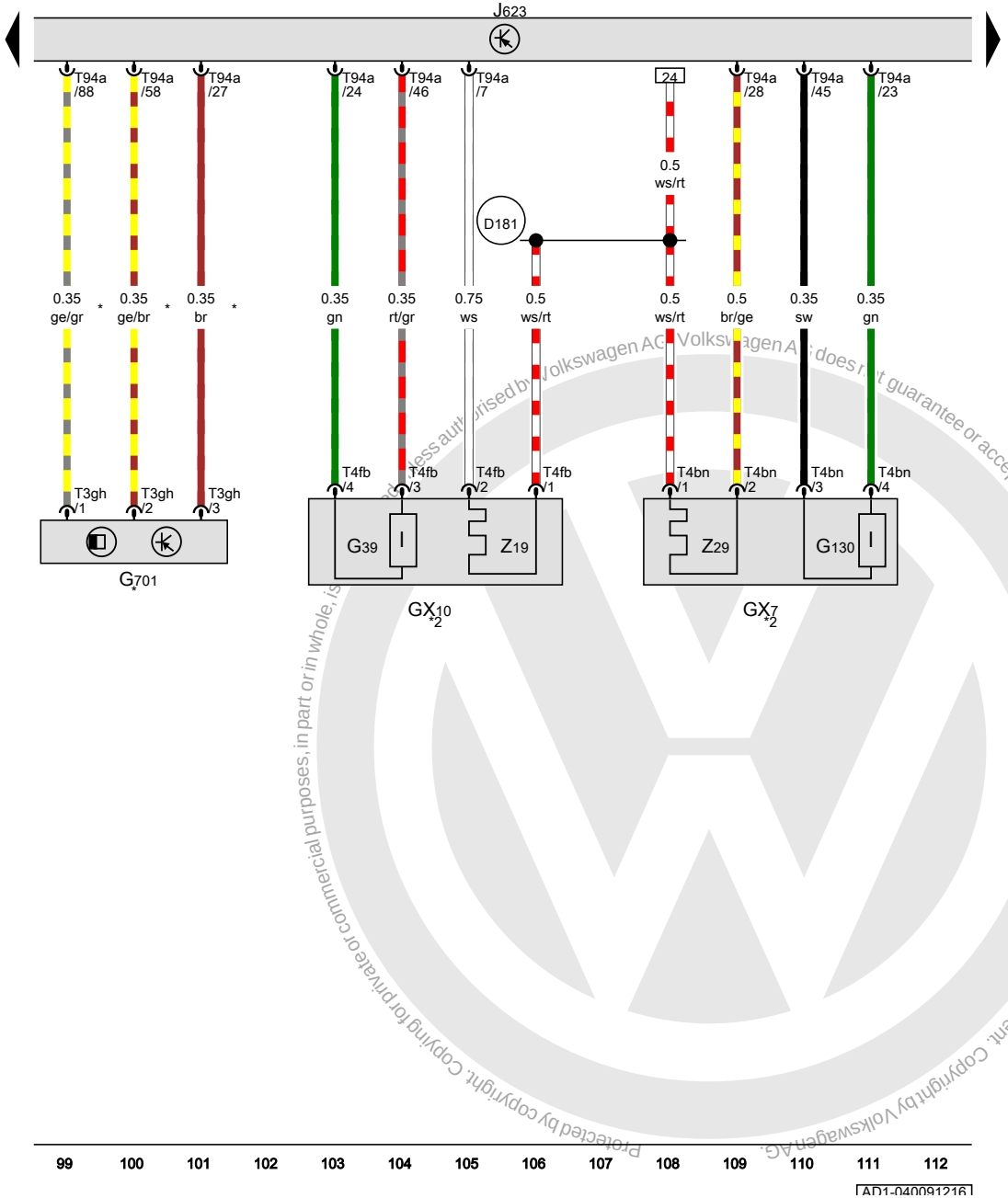


Oil pressure switch, Oil pressure switch for reduced oil pressure, Radiator outlet coolant temperature sender, Radiator fan control unit, Engine control unit, Mechatronic unit for dual clutch gearbox, Radiator fan, Charge air cooling pump

F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G83	Radiator outlet coolant temperature sender
J293	Radiator fan control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T1bev	1-pin connector, dark blue
T1bew	1-pin connector, black
T2nu	2-pin connector, black
T3f	3-pin connector, black
T4bk	4-pin connector, black
T20f	20-pin connector, black
T60a	60-pin connector, black
T94a	94-pin connector, black
VX57	Radiator fan
V188	Charge air cooling pump
*	Only models with dual clutch gearbox
*2	Pre-wired component
*3	see applicable current flow diagram for radiator fan
*4	Earth supply via housing

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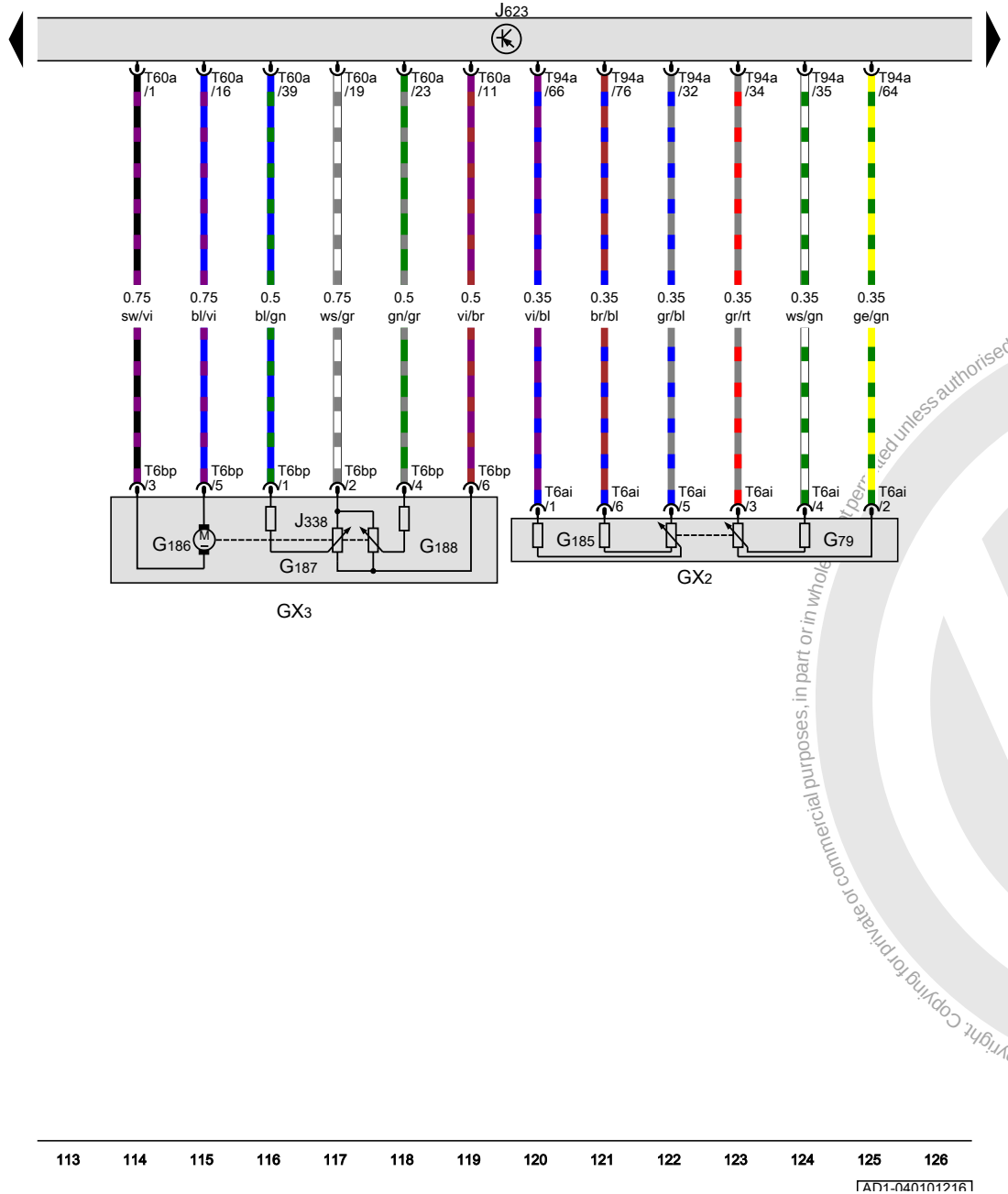


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Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Lambda probe after catalytic converter, Gearbox neutral position sender, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
G701	Gearbox neutral position sender
J623	Engine control unit
T3gh	3-pin connector, black
T4bn	4-pin connector, black
T4fb	4-pin connector, brown
T94a	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D181	Connection 2 (87a), in engine compartment wiring harness
*	Only models with manual gearbox
*2	Pre-wired component

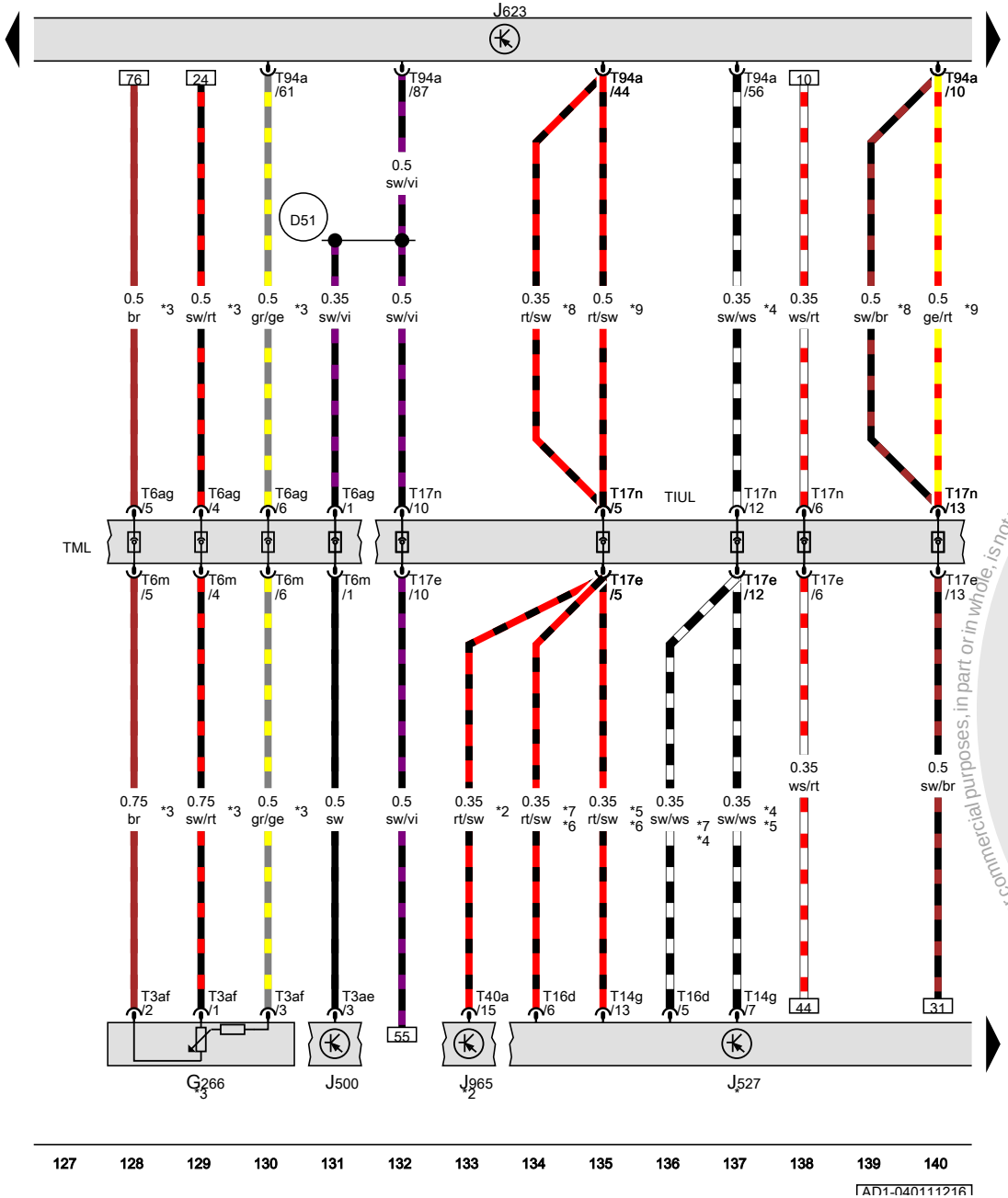


Accelerator pedal module, Throttle valve module, Accelerator position sender, Accelerator position sender 2, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Throttle valve module, Engine control unit

GX2	Accelerator pedal module
GX3	Throttle valve module
G79	Accelerator position sender
G185	Accelerator position sender 2
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
J623	Engine control unit
T6ai	6-pin connector, black
T6bp	6-pin connector, black
T60a	60-pin connector, black
T94a	94-pin connector, black

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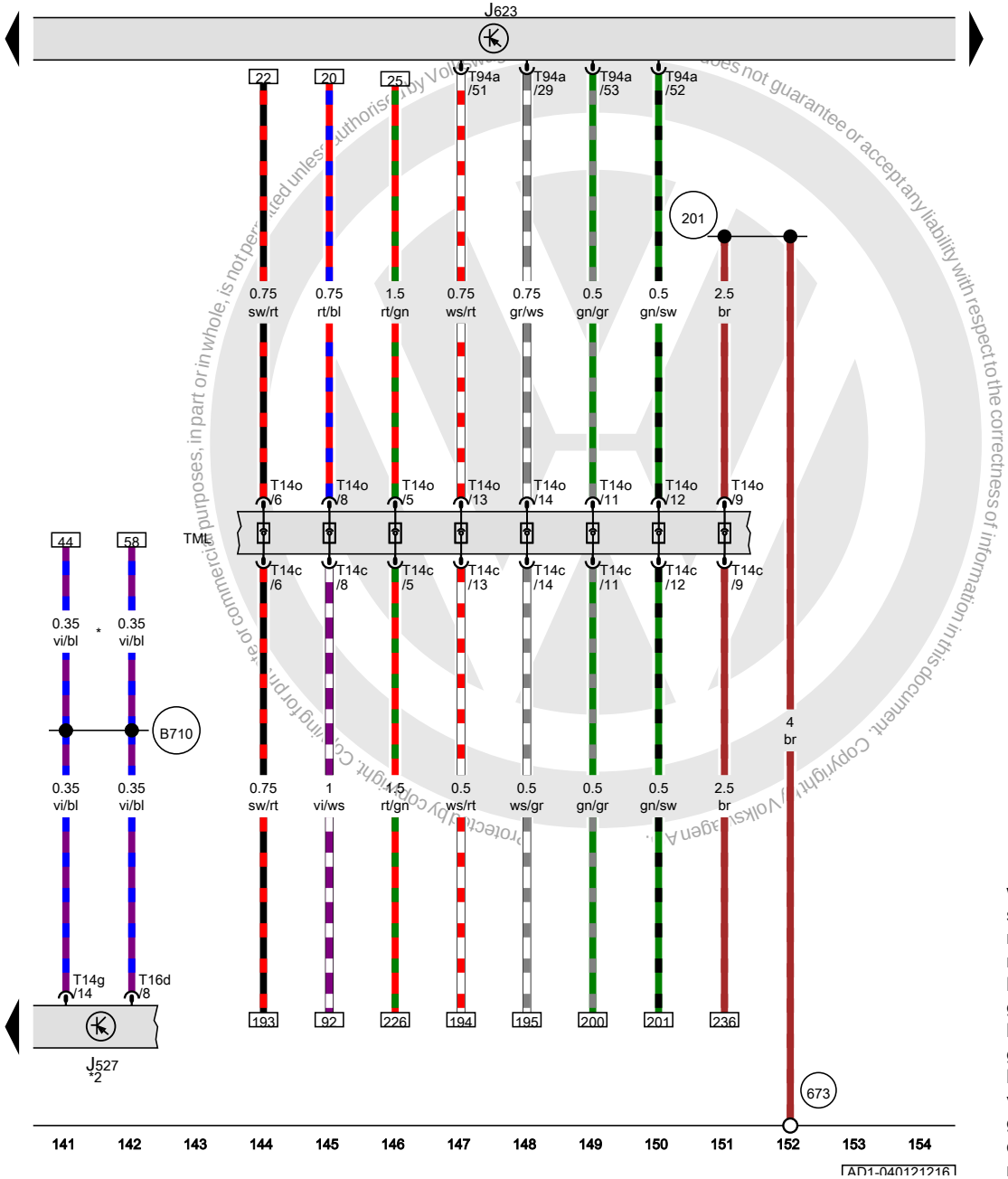


Oil level and oil temperature sender, Power steering control unit, Steering column electronics control unit, Engine control unit, Interface for entry and start system

G266	Oil level and oil temperature sender
J500	Power steering control unit
J527	Steering column electronics control unit
J623	Engine control unit
J965	Interface for entry and start system
T3ae	3-pin connector, black
T3af	3-pin connector, black
T6ag	6-pin connector, black
T6m	6-pin connector, black
T14g	14-pin connector, black
T16d	16-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T40a	40-pin connector, black
T94a	94-pin connector, black
TIUL	Coupling point in interior, below left
TML	Coupling point in engine compartment, left
D51	Positive connection 1 (15), in engine compartment wiring harness
*	see applicable current flow diagram
*2	Only models with entry and start authorisation
*3	Only models with extended servicing intervals (ESI)
*4	Only models with cruise control system
*5	Only models with heated steering wheel
*6	Only models with no entry and start authorisation
*7	Only models with no heated steering wheel
*8	From November 2016
*9	Up to November 2016

ws	=	white
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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Steering column electronics control unit, Engine control unit

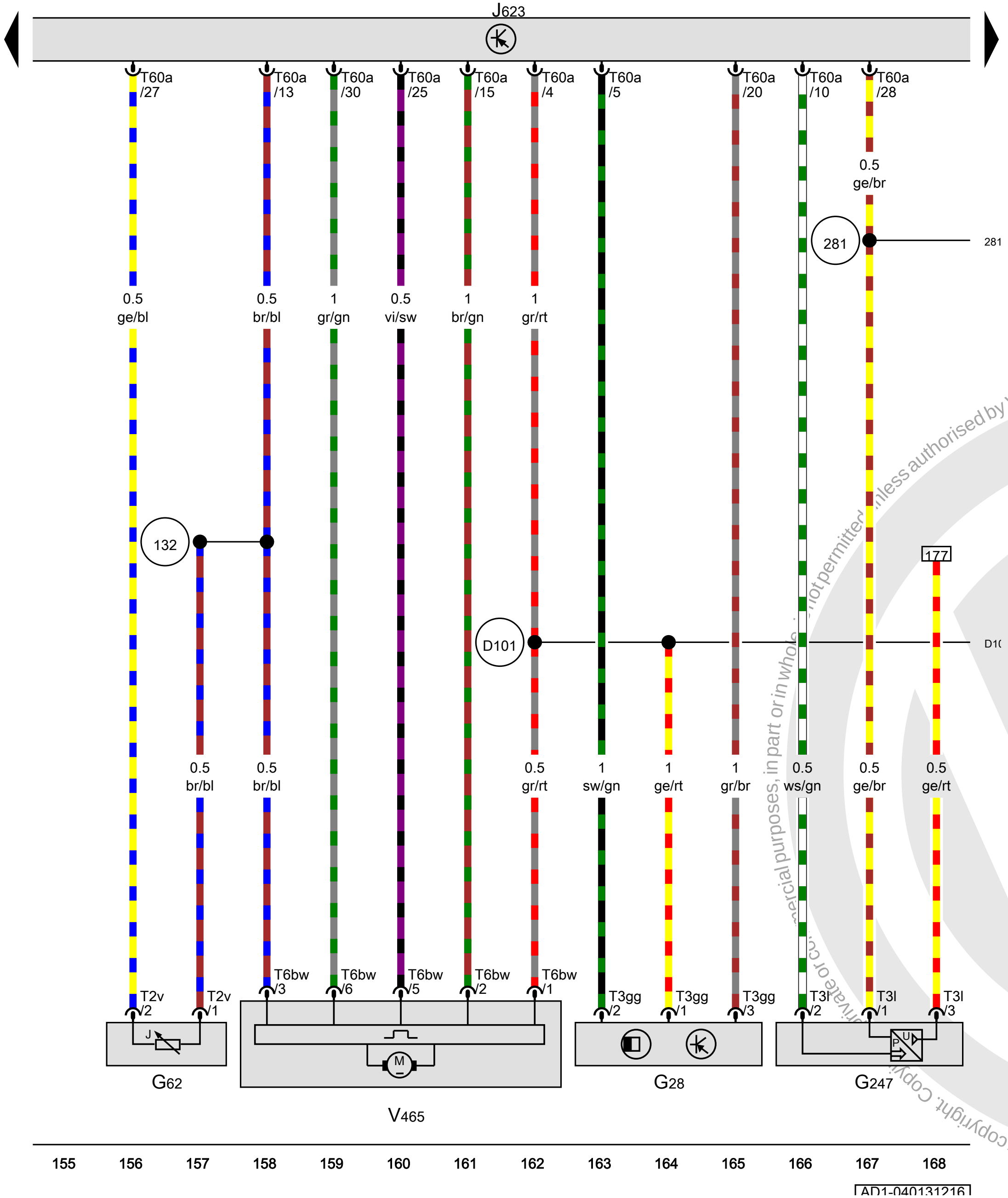
J527	Steering column electronics control unit
J623	Engine control unit
T14c	14-pin connector, grey
T14g	14-pin connector, black
T14o	14-pin connector, grey
T16d	16-pin connector, black
T94a	94-pin connector, black
TML	Coupling point in engine compartment, left
201	Earth connection 5, in engine compartment wiring harness
673	Earth point 3, on front of left longitudinal member
B710	Connection 5 (LIN bus) in main wiring harness
*	According to equipment
*2	see applicable current flow diagram

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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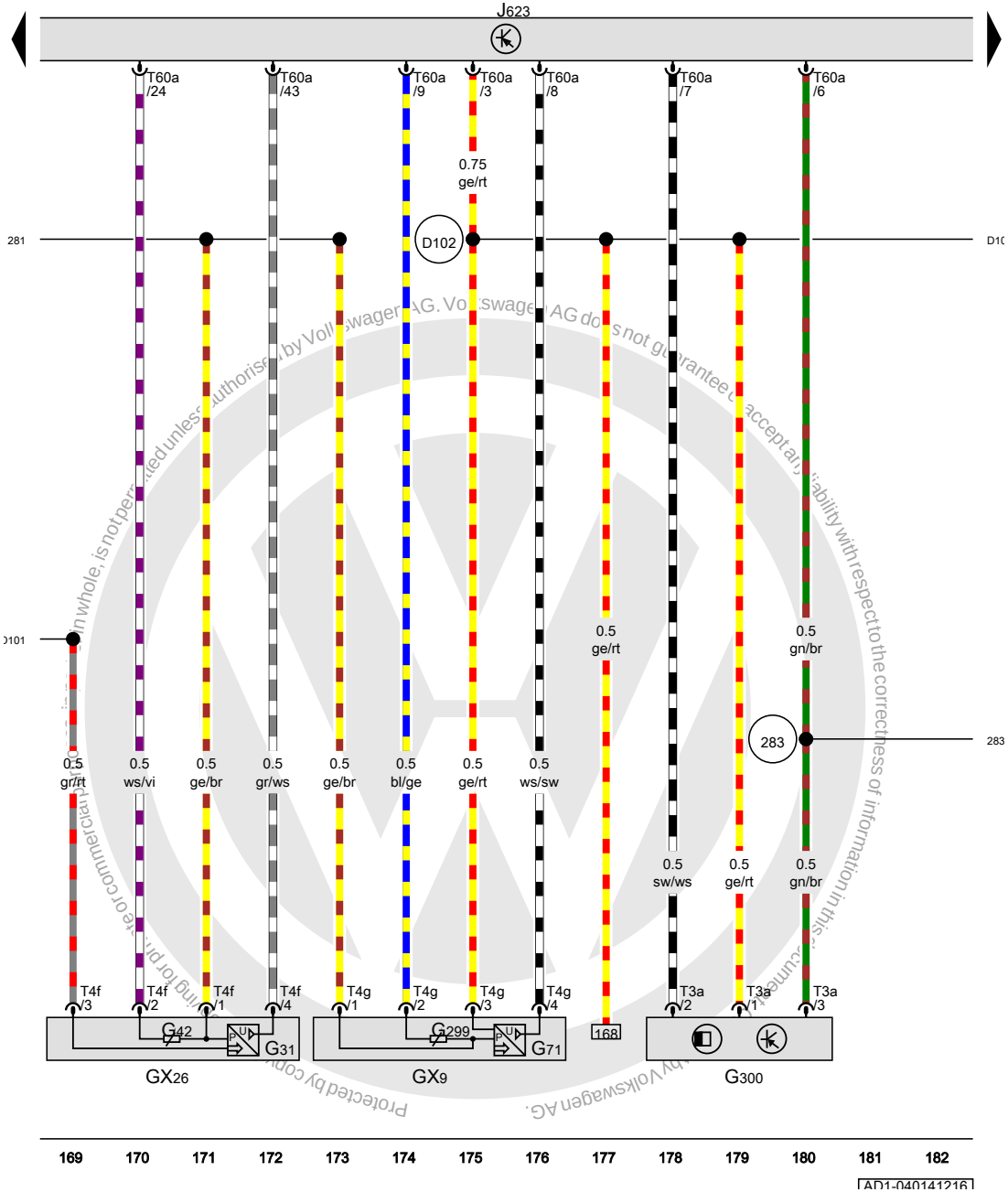
Engine speed sender, Coolant temperature sender, Fuel pressure sender, Engine control unit, Charge pressure positioner

G28	Engine speed sender
G62	Coolant temperature sender
G247	Fuel pressure sender
J623	Engine control unit
T2v	2-pin connector, black
T3gg	3-pin connector, black
T3l	3-pin connector, black
T6bw	6-pin connector, grey
T60a	60-pin connector, black
V465	Charge pressure positioner
132	Earth connection 3, in engine compartment wiring harness
281	Earth point 1, 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
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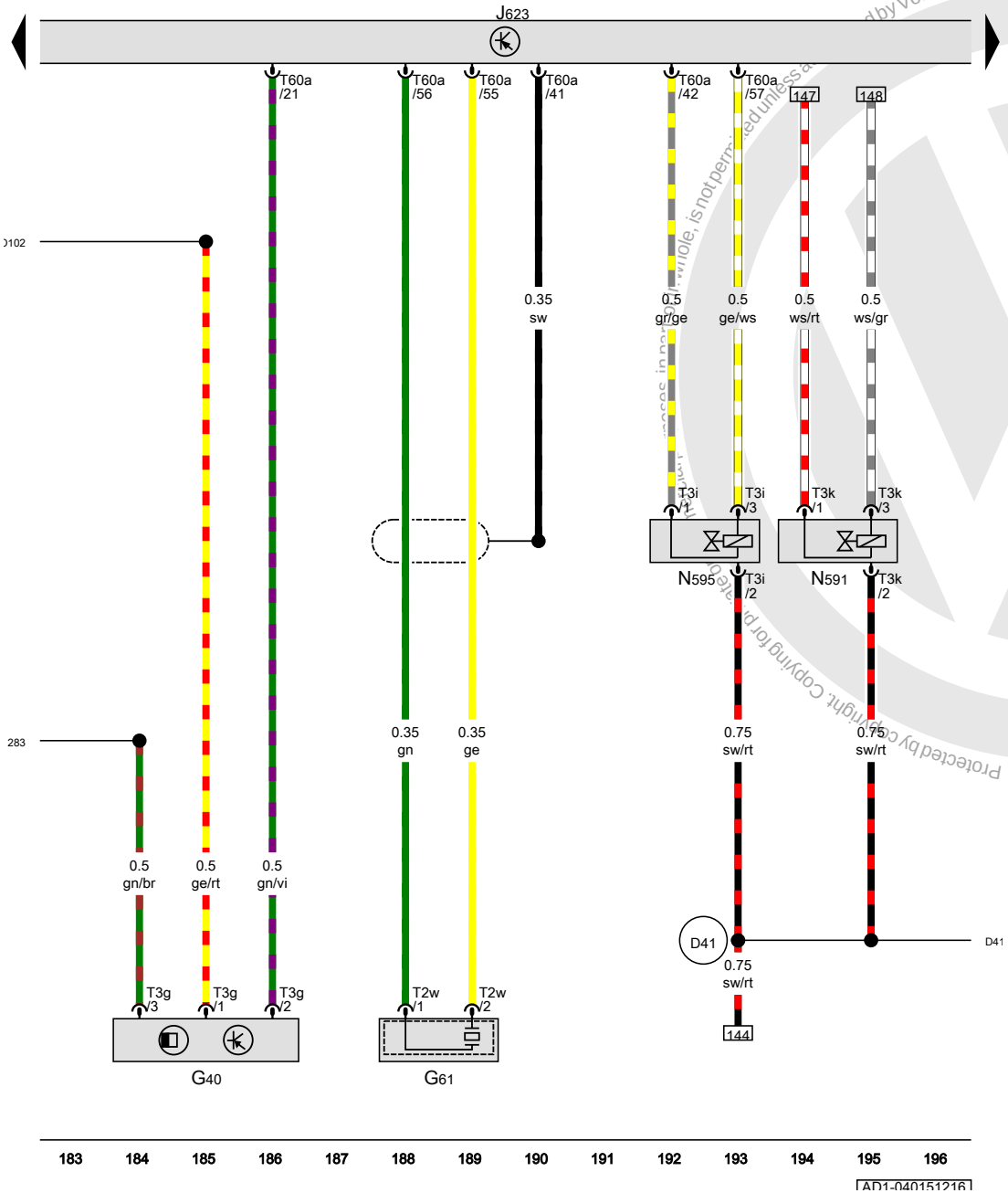
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Intake manifold sender, Charge pressure sender, Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Intake air temperature sender 2, Hall sender 3, Engine control unit

GX9	Intake manifold sender
GX26	Charge pressure sender
G31	Charge pressure sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G299	Intake air temperature sender 2
G300	Hall sender 3
J623	Engine control unit
T3a	3-pin connector, black
T4f	4-pin connector, black
T4g	4-pin connector, black
T60a	60-pin connector, black
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness

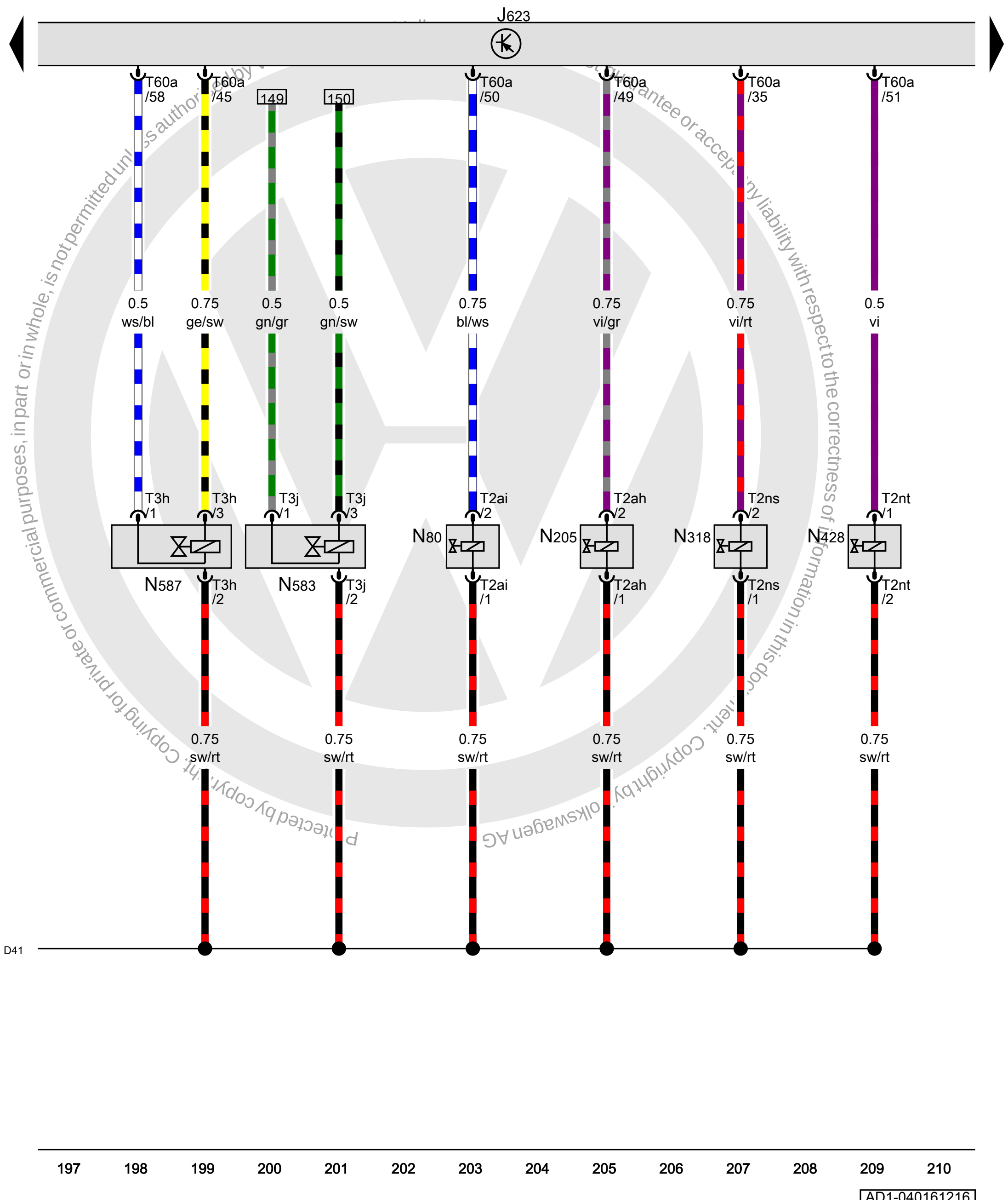
Hall sender, Engine control unit, Inlet cam actuator for cylinder 3, Exhaust cam actuator for cylinder 3

G40	Hall sender
G61	Knock sensor 1
J623	Engine control unit
N591	Inlet cam actuator for cylinder 3
N595	Exhaust cam actuator for cylinder 3
T2w	2-pin connector, black
T3g	3-pin connector, black
T3i	3-pin connector, black
T3k	3-pin connector, black
T60a	60-pin connector, black
283	Earth point 2, engine prewiring harness
D41	Connection 3, in engine prewiring harness
D102	Connection 2 in engine compartment wiring harness



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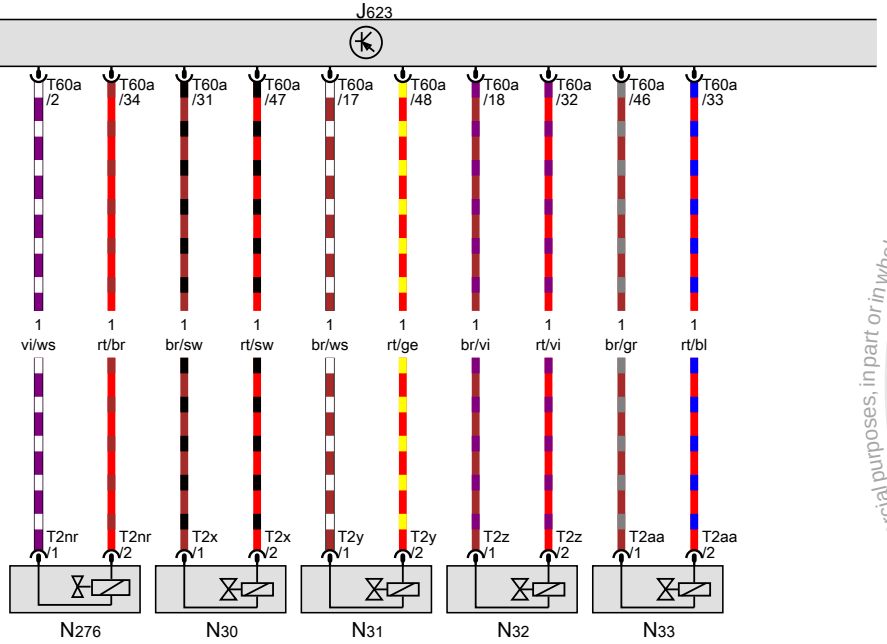


Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control, Inlet cam actuator for cylinder 2, Exhaust cam actuator for cylinder 2

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
N583	Inlet cam actuator for cylinder 2
N587	Exhaust cam actuator for cylinder 2
T2ah	2-pin connector, black
T2ai	2-pin connector, black
T2ns	2-pin connector, black
T2nt	2-pin connector, black
T3h	3-pin connector, black
T3j	3-pin connector, black
T60a	60-pin connector, black
D41	Connection 3, in engine prewiring harness

ws = white
sw = black
ro = red
rt = red
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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



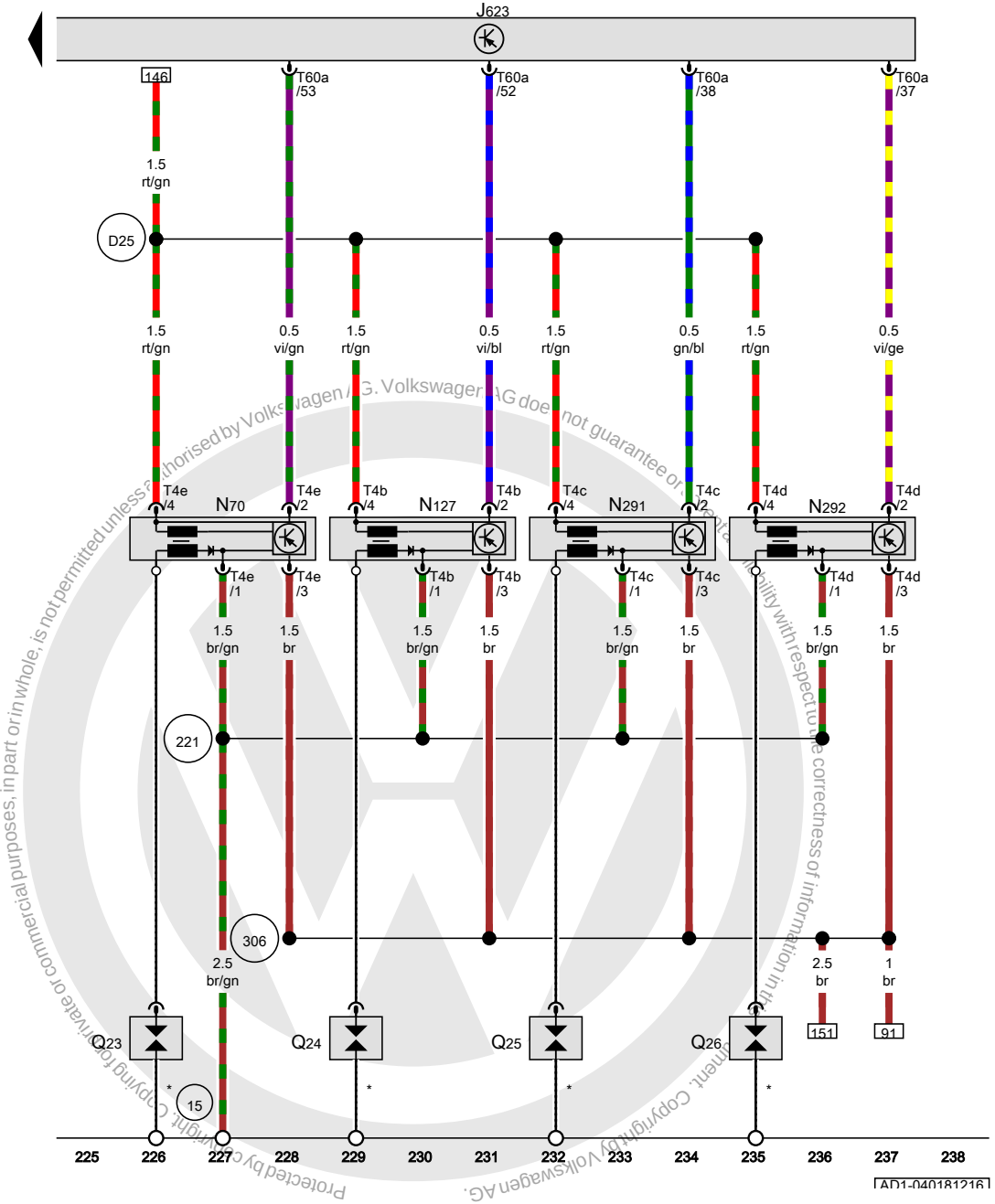
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N276	Fuel pressure regulating valve
T2aa	2-pin connector, black
T2nr	2-pin connector, black
T2x	2-pin connector, black
T2y	2-pin connector, black
T2z	2-pin connector, black
T60a	60-pin connector, black

211 212 213 214 215 216 217 218 219 220 221 222 223 224

AD1-0401712161

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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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, Spark plug 1, Spark plug 2, Spark plug 3, Spark plug 4

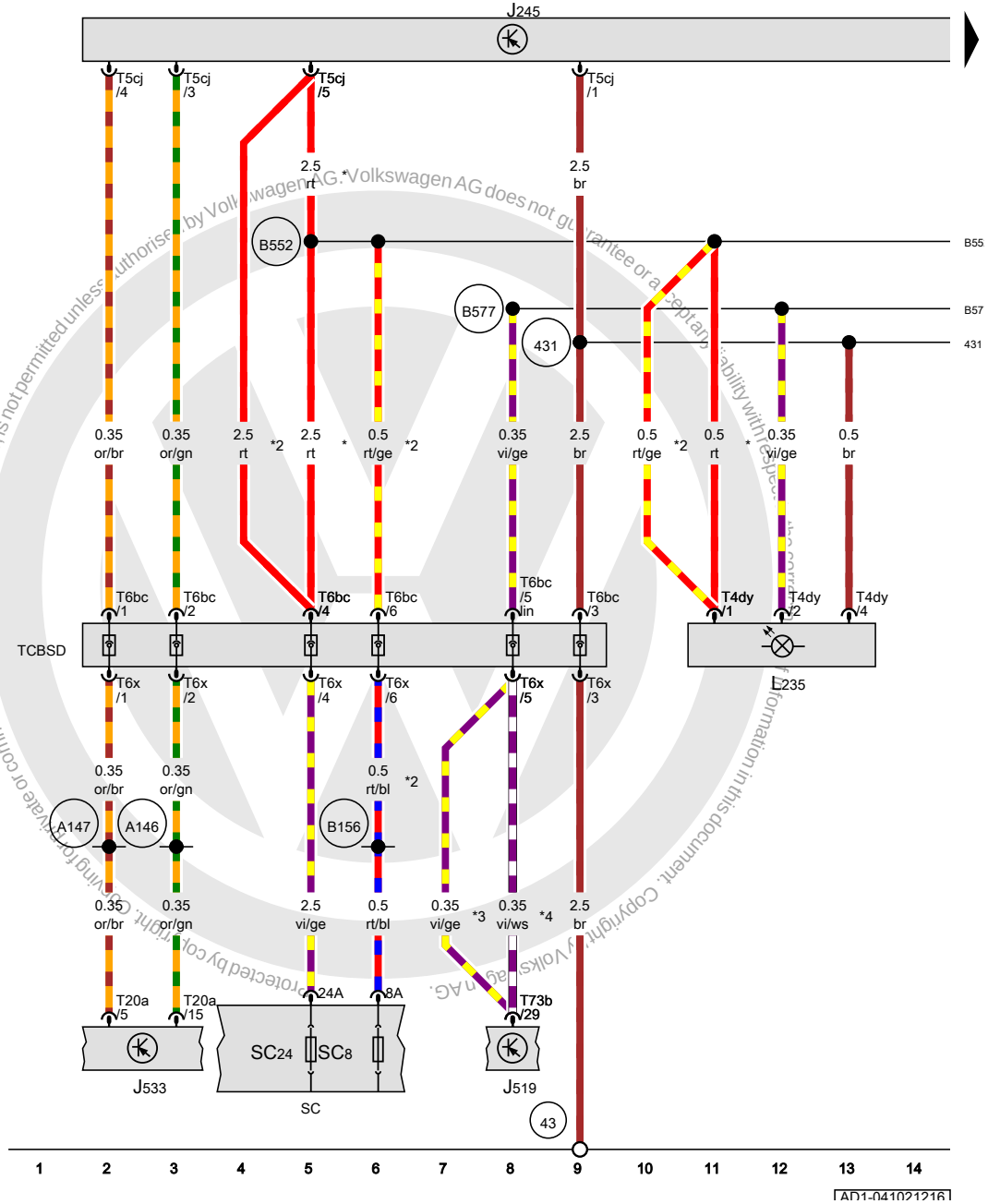
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
Q23	Spark plug 1
Q24	Spark plug 2
Q25	Spark plug 3
Q26	Spark plug 4
T4b	4-pin connector, black
T4c	4-pin connector, black
T4d	4-pin connector, black
T4e	4-pin connector, black
T60a	60-pin connector, black
15	Earth point, on cylinder head
221	Earth connection (engine earth), in engine wiring harness
306	Earth connection (ignition coils), in engine prewiring harness
D25	Positive connection (15), 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

Sliding/tilting sunroof , (3FJ)

From January 2016

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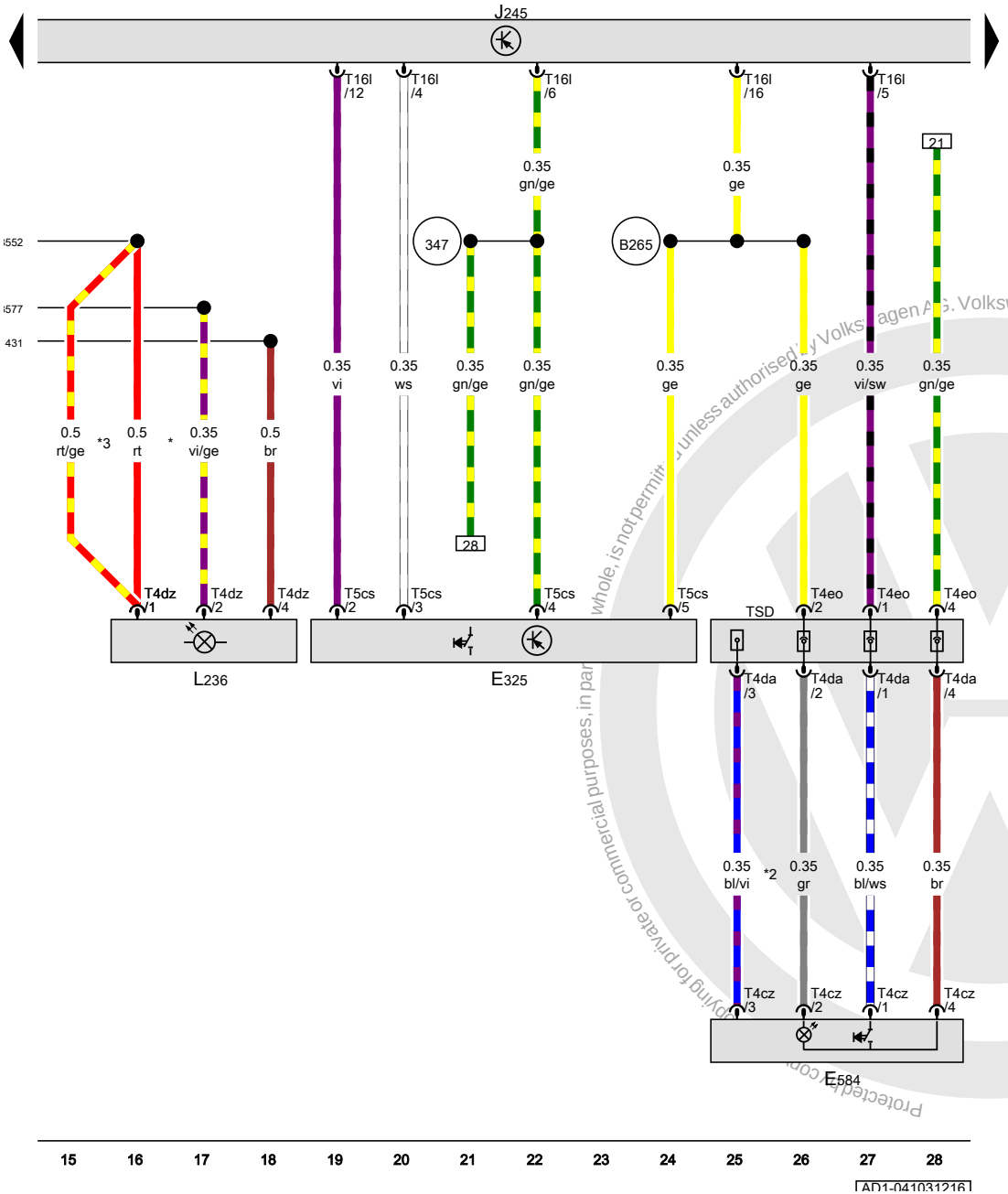


Sliding sunroof adjustment control unit, Data bus diagnostic interface, Light 1 for roof contour lighting, Fuse holder C

J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
L235	Light 1 for roof contour lighting
SC	Fuse holder C
SC8	Fuse 8 on fuse holder C
SC24	Fuse 24 on fuse holder C
T4dy	4-pin connector, black
T5cj	5-pin connector, black
T6bc	6-pin connector, black
T6x	6-pin connector, black
T20a	20-pin connector, red
T73b	73-pin connector, black
TCBSD	Coupling point for CAN bus sunroof
43	Earth point, lower part of right A-pillar
431	Earth connection 2, in roof wiring harness
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B156	Positive connection (30a), in interior wiring harness
B552	Positive connection 2, in roof wiring harness
B577	LIN bus connection, in roof wiring harness
*	Up to September 2016
*2	From September 2016
*3	From November 2016
*4	Up to November 2016

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
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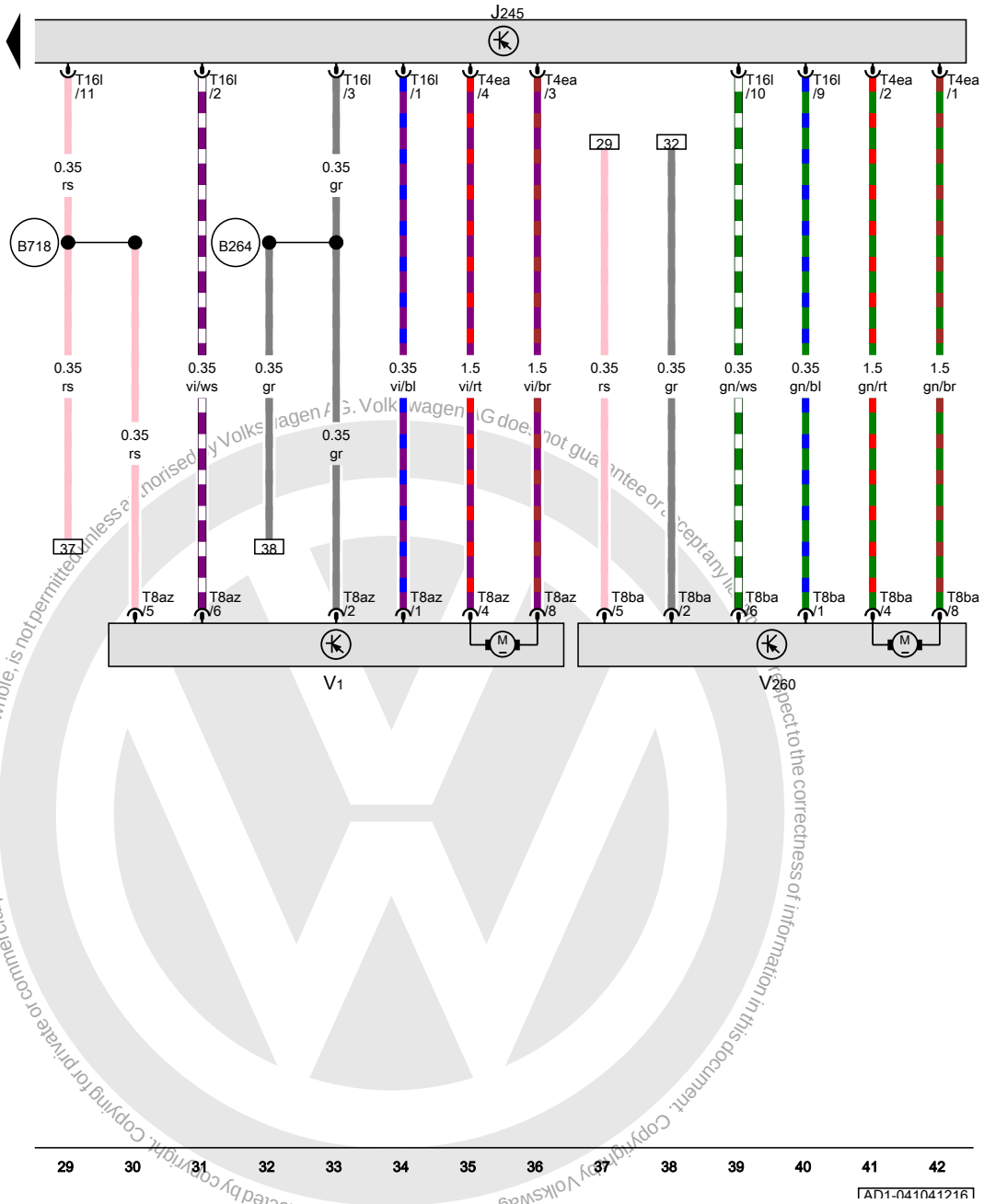


Sunroof button, Sliding sunroof adjustment control unit, Light 2 for roof contour lighting

E325	Sunroof button
E584	Button 1 for roof roller blind
J245	Sliding sunroof adjustment control unit
L236	Light 2 for roof contour lighting
T4cz	4-pin connector, black
T4da	4-pin connector, black
T4dz	4-pin connector, black
T4eo	4-pin connector, black
T5cs	5-pin connector, black
T16l	16-pin connector, black
TSD	Coupling point for sliding sunroof
347	Earth connection, in roof wiring harness
431	Earth connection 2, in roof wiring harness
B265	Connection 2, in roof wiring harness
B552	Positive connection 2, in roof wiring harness
B577	LIN bus connection, in roof wiring harness
*	Up to September 2016
*2	Wiring open end
*3	From September 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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ge	=	yellow
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Sliding sunroof adjustment control unit, Sliding sunroof motor, Sunroof roller blind motor

J245	Sliding sunroof adjustment control unit
T4ea	4-pin connector, black
T8az	8-pin connector, black
T8ba	8-pin connector, black
T16l	16-pin connector, black
V1	Sliding sunroof motor
V260	Sunroof roller blind motor
B264	Connection 1, in roof wiring harness
B718	Connection 3, in roof wiring harness

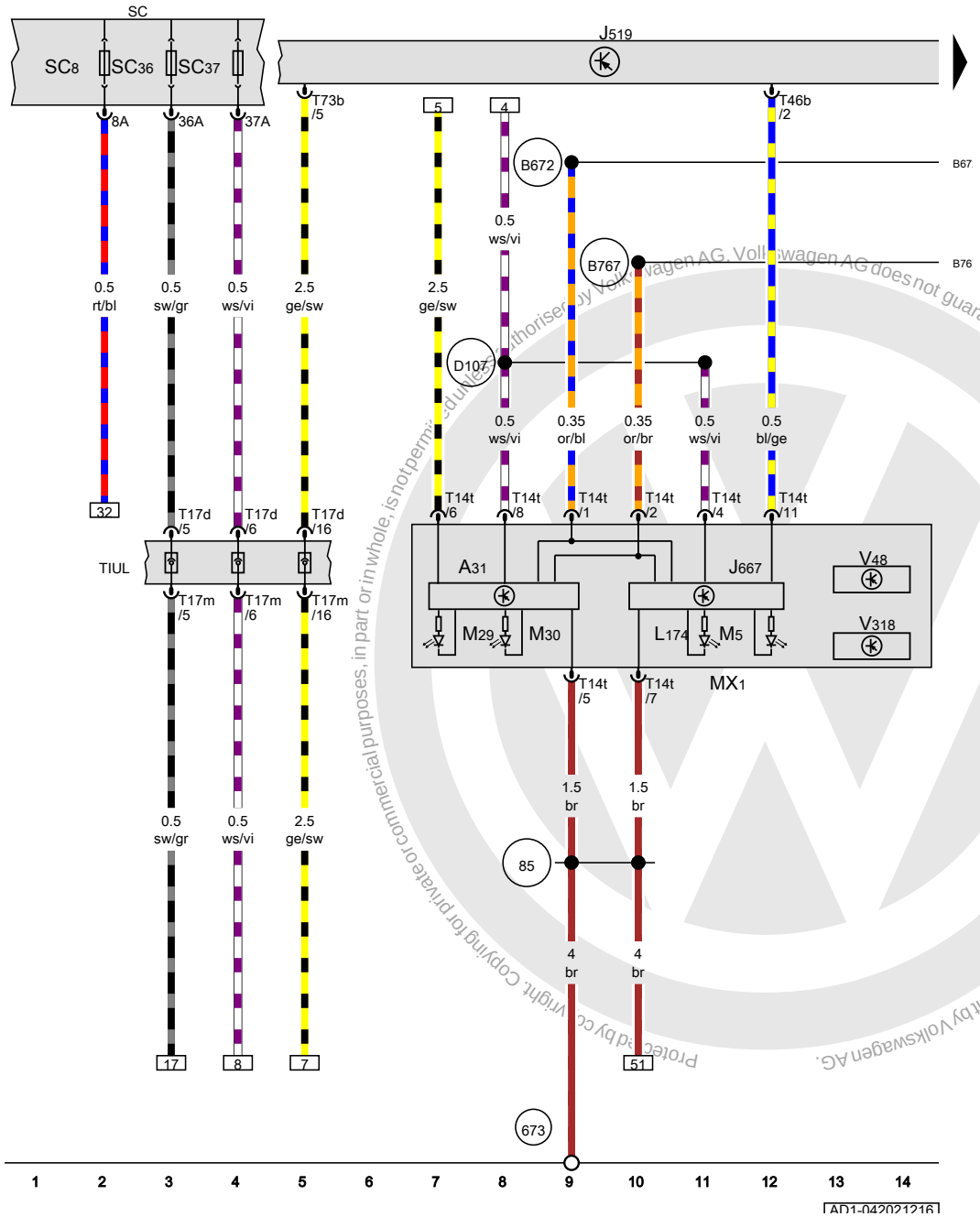
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ge	=	yellow
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rs	=	pink

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LED headlights , (8IU),(8IX),(8Q5)

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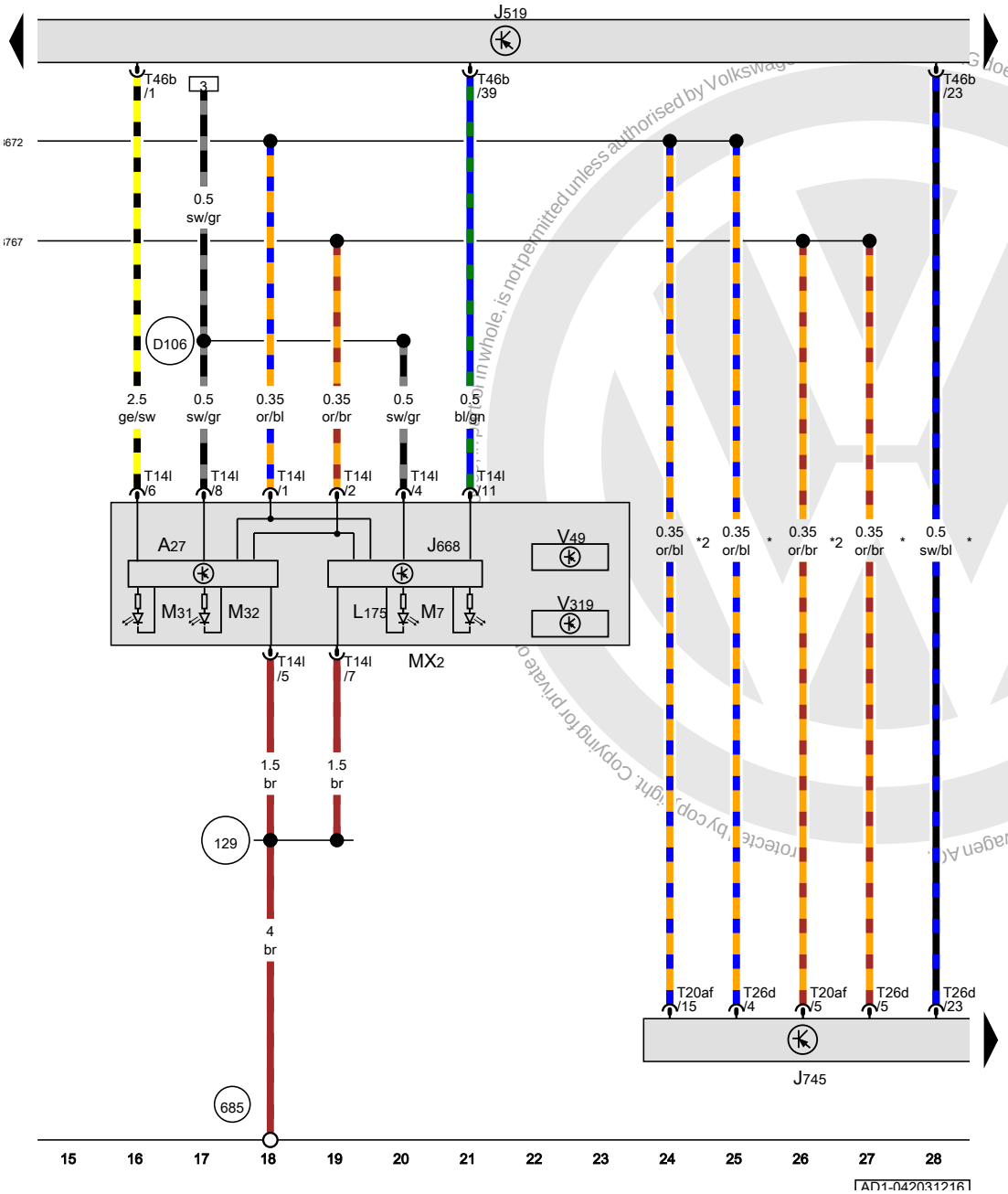


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Front left headlight, Fuse holder C

A31	Output module 1 for left LED headlight
J519	Onboard supply control unit
J667	Output module for left headlight
L174	Left daytime running light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
SC	Fuse holder C
SC8	Fuse 8 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC37	Fuse 37 on fuse holder C
T14t	14-pin connector, black
T17d	17-pin connector, red
T17m	17-pin connector, red
T46b	46-pin connector, black
T73b	73-pin connector, black
TIUL	Coupling point in interior, below left
V48	Left headlight range control motor
V318	Left dynamic cornering light control motor
85	Earth connection 1, in engine compartment wiring harness
673	Earth point 3, on front of left longitudinal member
B672	Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
B767	Connection 2 (low bus), in interior wiring harness
D107	Connection 5 in engine compartment wiring harness

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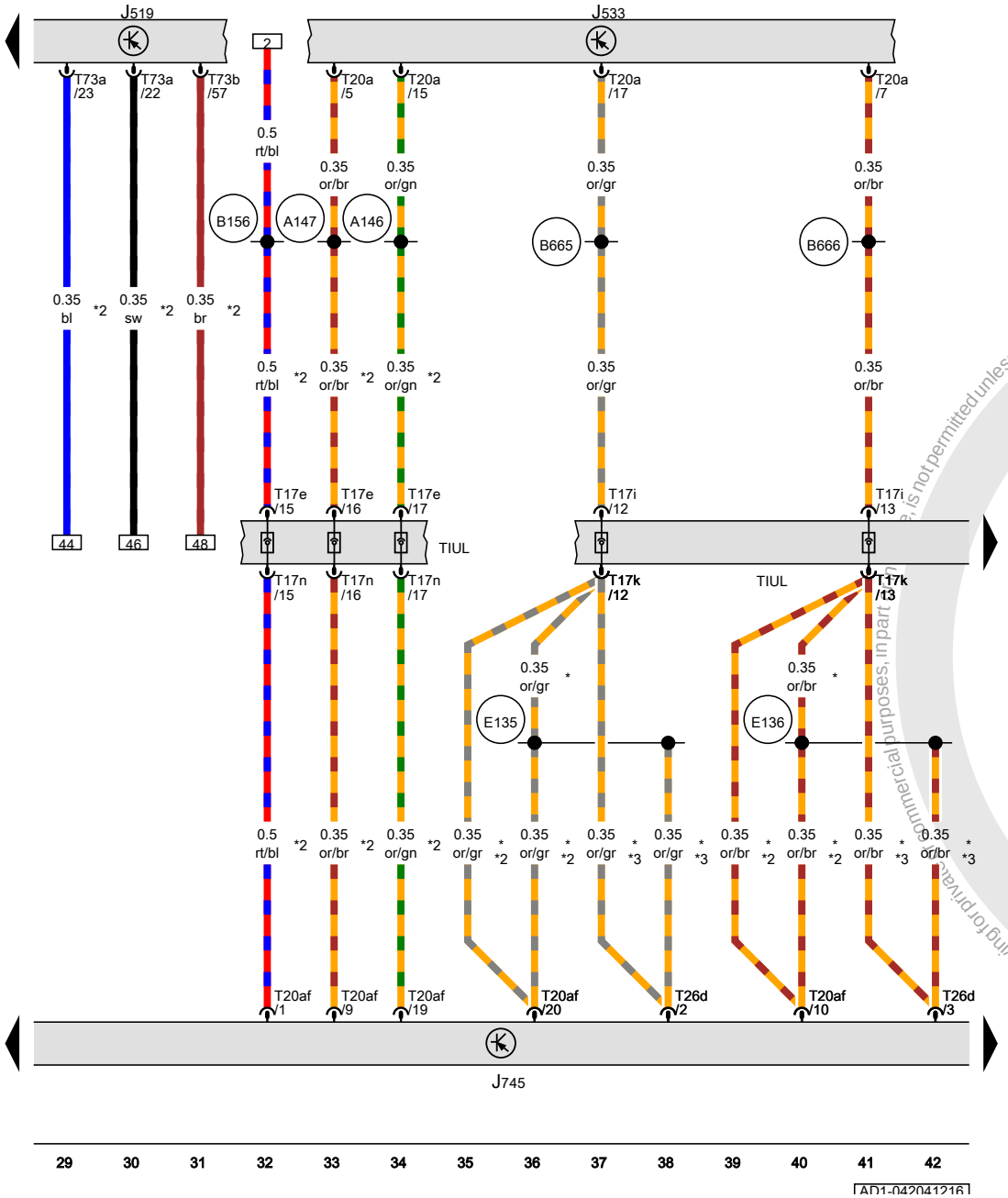


Onboard supply control unit, Control unit for cornering light and headlight range control, Front right headlight

A27	Output module 1 for right LED headlight
J519	Onboard supply control unit
J668	Output module for right headlight
J745	Control unit for cornering light and headlight range control
L175	Right daytime running light bulb
MX2	Front right headlight
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
T14l	14-pin connector, black
T20af	20-pin connector, brown
T26d	26-pin connector, white
T46b	46-pin connector, black
V49	Right headlight range control motor
V319	Right dynamic cornering light control motor
129	Earth connection, in dual tone horn wiring harness
685	Earth point 1, on front of right longitudinal member
B672	Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
B767	Connection 2 (low bus), in interior wiring harness
D106	Connection 4 in engine compartment wiring harness
*	Up to November 2016
*2	From November 2016

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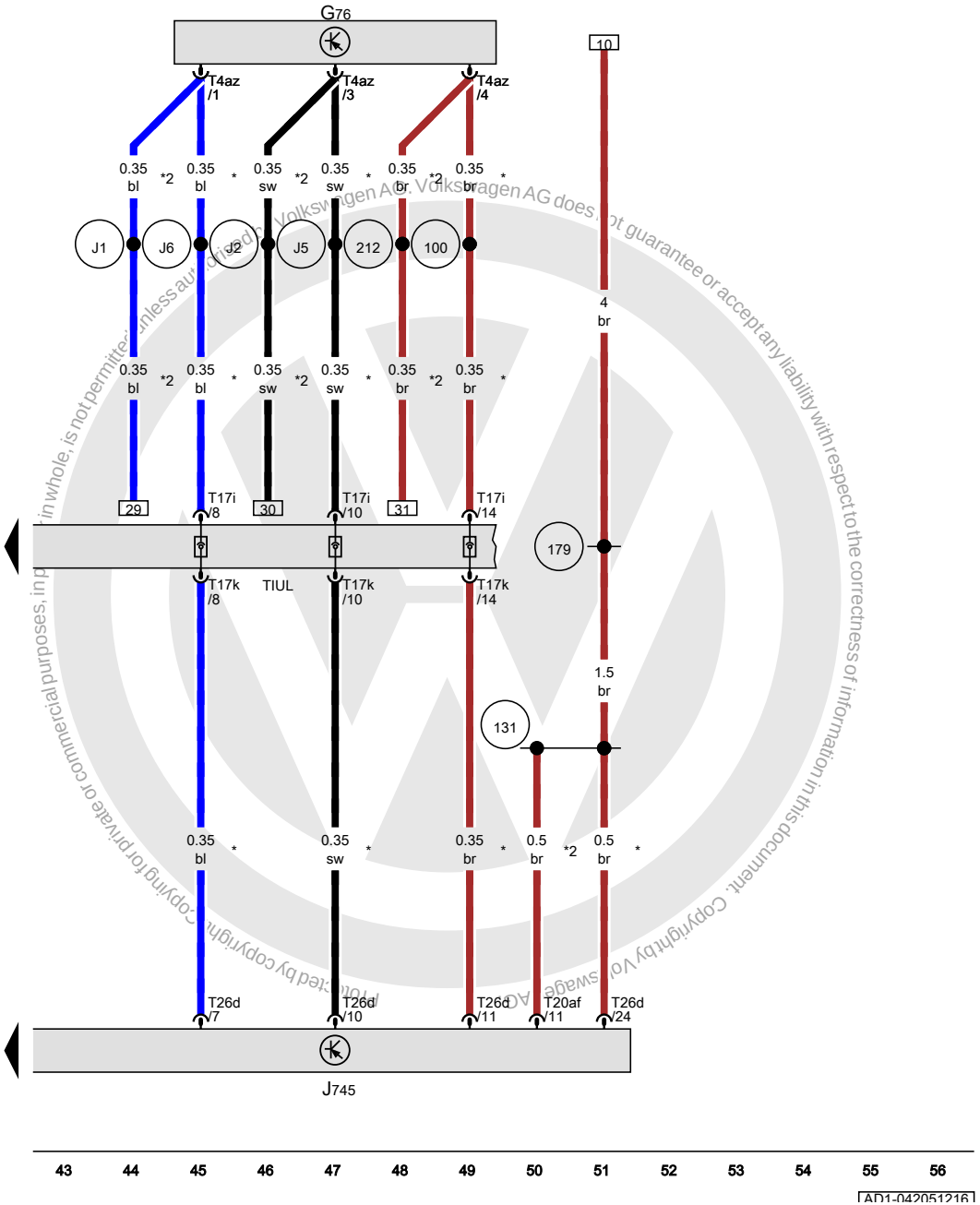


ws = white
sw = black
ro = red
rt = red
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gn = green
bl = blue
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vi = purple
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or = orange
rs = pink

Onboard supply control unit, Data bus diagnostic interface, Control unit for cornering light and headlight range control

J519	Onboard supply control unit
J533	Data bus diagnostic interface
J745	Control unit for cornering light and headlight range control
T17e	17-pin connector, blue
T17i	17-pin connector, black
T17k	17-pin connector, black
T17n	17-pin connector, blue
T20a	20-pin connector, red
T20af	20-pin connector, brown
T26d	26-pin connector, white
T73a	73-pin connector, black
T73b	73-pin connector, black
TIUL	Coupling point in interior, below left
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
B156	Positive connection (30a), in interior wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
E135	Connection (CAN bus extended high), in engine compartment wiring harness
E136	Connection (CAN bus extended low), in engine compartment wiring harness
*	According to equipment
*2	From November 2016
*3	Up to November 2016

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Rear left vehicle level sender, Control unit for cornering light and headlight range control

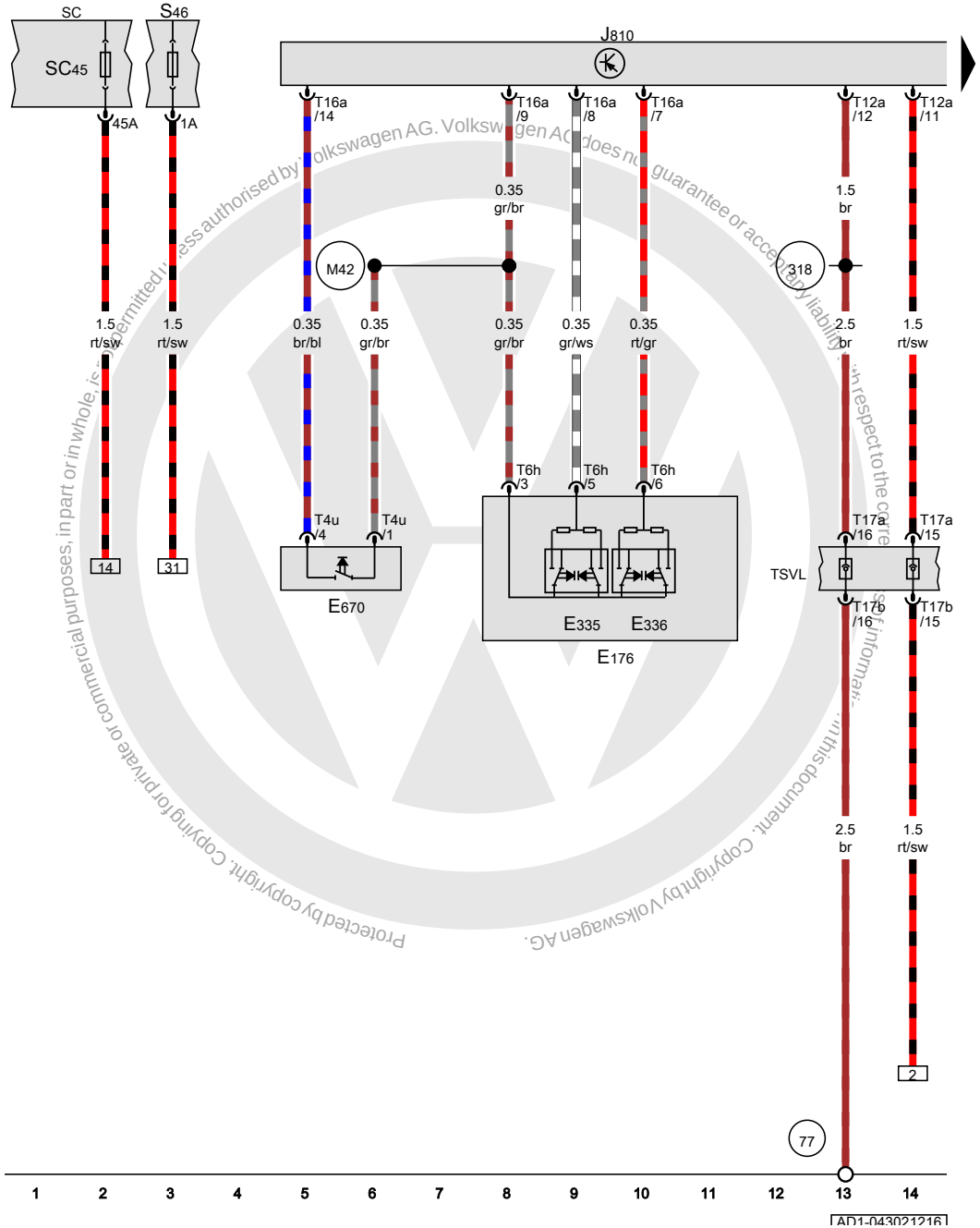
G76	Rear left vehicle level sender
J745	Control unit for cornering light and headlight range control
T4az	4-pin connector, black
T17i	17-pin connector, black
T17k	17-pin connector, black
T20af	20-pin connector, brown
T26d	26-pin connector, white
TIUL	Coupling point in interior, below left
100	Earth connection 1, in ABS wiring harness
131	Earth connection 2, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
212	Earth connection 2, in ABS wiring harness
J1	Positive connection (30), in ABS wiring harness
J2	Positive connection (15), in ABS wiring harness
J5	Connection 2, in ABS wiring harness
J6	Positive connection 2 (30), in ABS wiring harness
*	Up to November 2016
*2	From November 2016

ws	=	white
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bl	=	blue
gr	=	grey
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Electrically adjustable lumbar support on seat without electric adjustment , (8I2),(8I9),(L0L)

From January 2016

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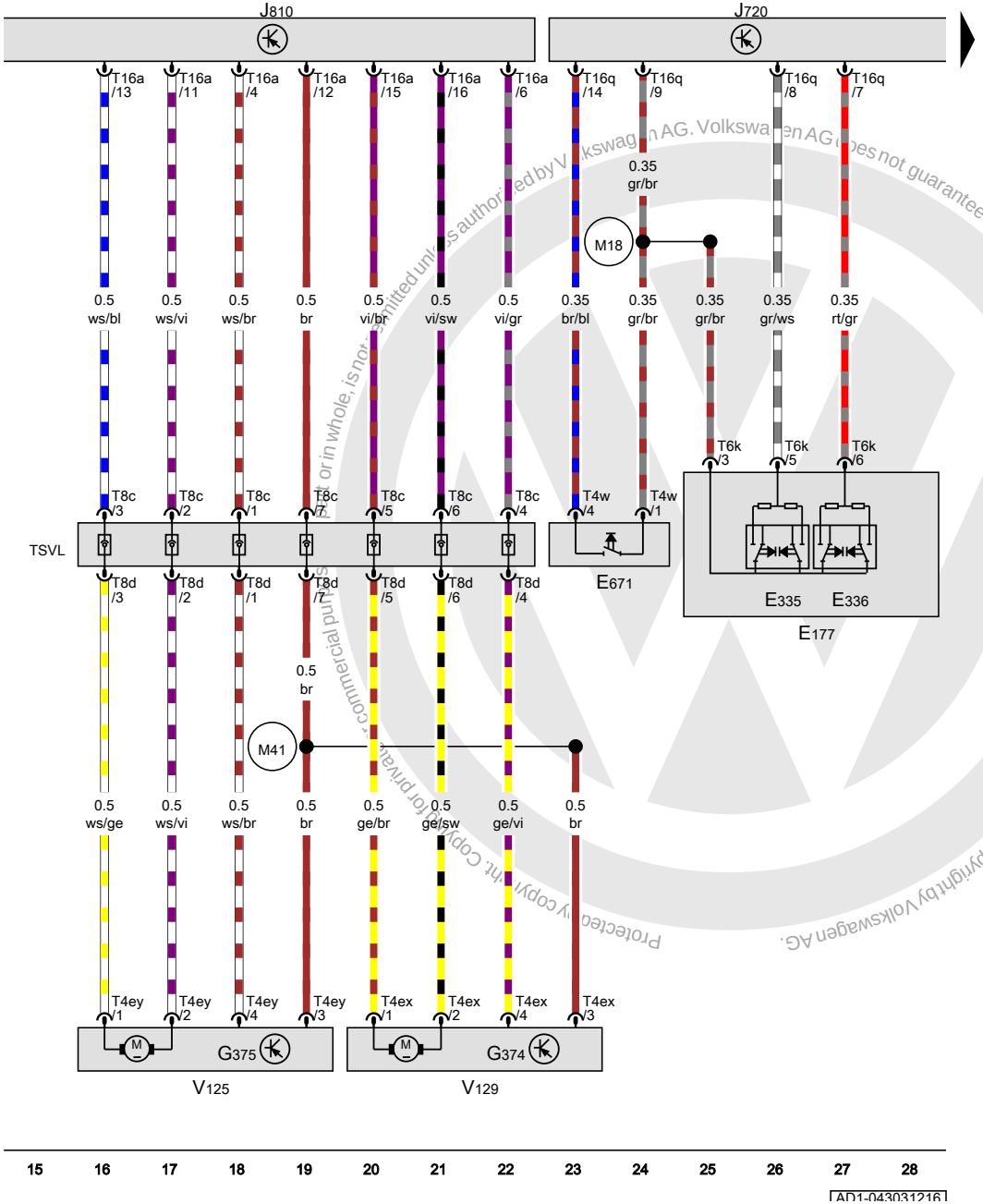


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Driver seat lumbar support adjustment switch, Driver seat massage function button, Driver seat adjustment control unit, Front passenger seat adjustment thermal fuse 1, Fuse holder C

E176	Driver seat lumbar support adjustment switch
E335	Lumbar support height adjustment button
E336	Lumbar support longitudinal adjustment button
E670	Driver seat massage function button
J810	Driver seat adjustment control unit
SC45	Fuse 45 on fuse holder C
S46	Front passenger seat adjustment thermal fuse 1
SC	Fuse holder C
T4u	4-pin connector, black
T6h	6-pin connector, black
T12a	12-pin connector, black
T16a	16-pin connector, black
T17a	17-pin connector, red
T17b	17-pin connector, red
TSVL	Coupling point for front left seat
77	Earth point, lower part of left B-pillar
318	Earth connection 4, in seat heating wiring harness
M42	Connection 2, in driver seat wiring harness

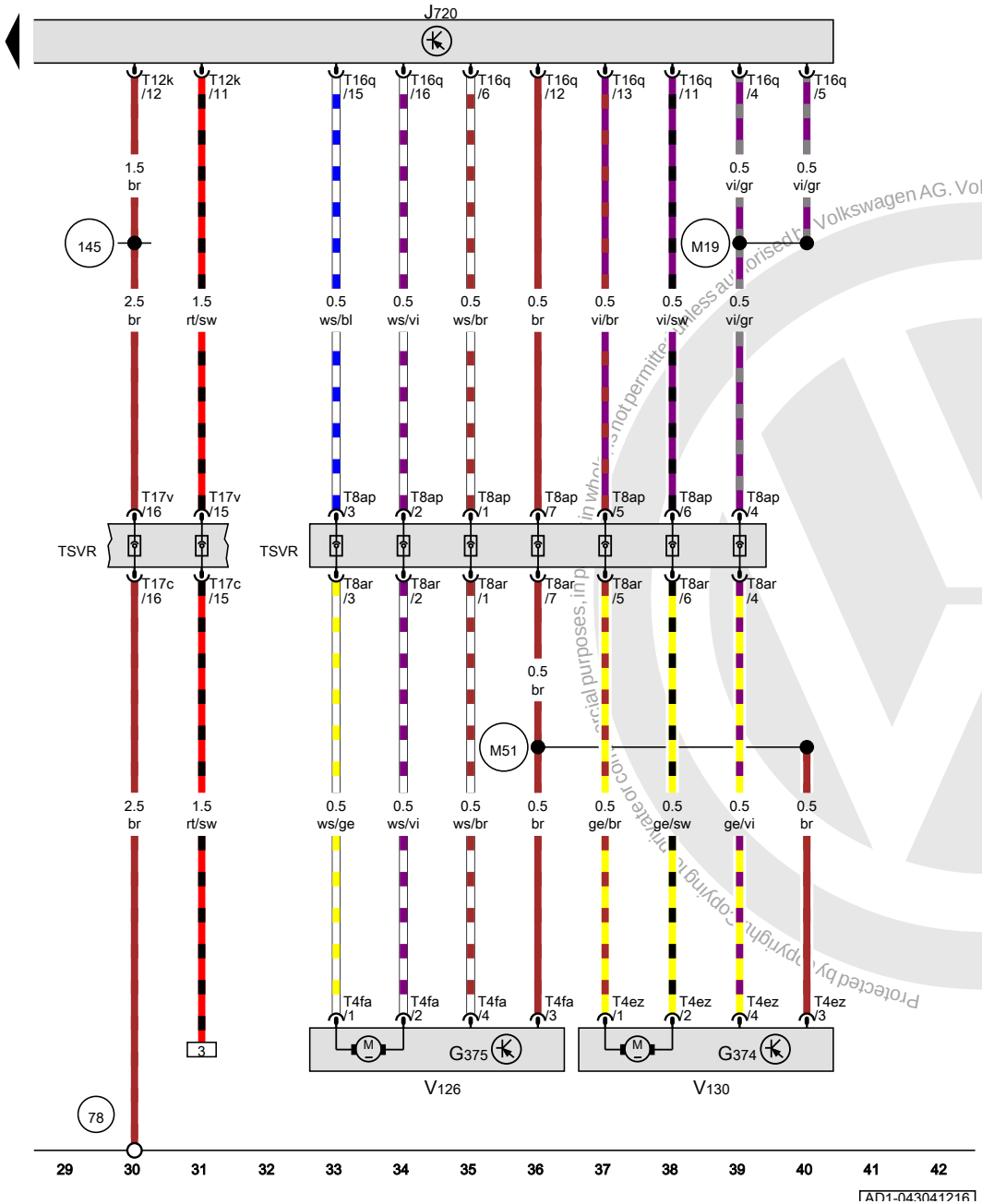


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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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or = orange
rs = pink

Front passenger seat lumbar support adjustment switch, Front passenger seat position control unit, Driver seat adjustment control unit, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

E177	Front passenger seat lumbar support adjustment switch
E335	Lumbar support height adjustment button
E336	Lumbar support longitudinal adjustment button
E671	Front passenger seat massage function button
G374	Lumbar support height adjustment sender
G375	Lumbar support longitudinal adjustment sender
J720	Front passenger seat position control unit
J810	Driver seat adjustment control unit
T4ex	4-pin connector, black
T4ey	4-pin connector, black
T4w	4-pin connector, black
T6k	6-pin connector, black
T8c	8-pin connector, black
T8d	8-pin connector, black
T16a	16-pin connector, black
T16q	16-pin connector, black
TSVL	Coupling point for front left seat
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
M18	Connection 1, in front passenger seat adjustment wiring harness
M41	Connection 1, in driver seat wiring harness

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Front passenger seat position control unit, Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support height adjustment motor

G374	Lumbar support height adjustment sender
G375	Lumbar support longitudinal adjustment sender
J720	Front passenger seat position control unit
T4ez	4-pin connector, black
T4fa	4-pin connector, black
T8ap	8-pin connector, black
T8ar	8-pin connector, black
T12k	12-pin connector, black
T16q	16-pin connector, black
T17c	17-pin connector, red
T17v	17-pin connector, red
TSVR	Coupling point for front right seat
V126	Front passenger seat lumbar support longitudinal adjustment motor
V130	Front passenger seat lumbar support height adjustment motor
78	Earth point, lower part of right B-pillar
145	Earth connection 3, in seat heating wiring harness
M19	Connection 2, in front passenger seat adjustment wiring harness
M51	Connection 1, in front passenger seat wiring harness

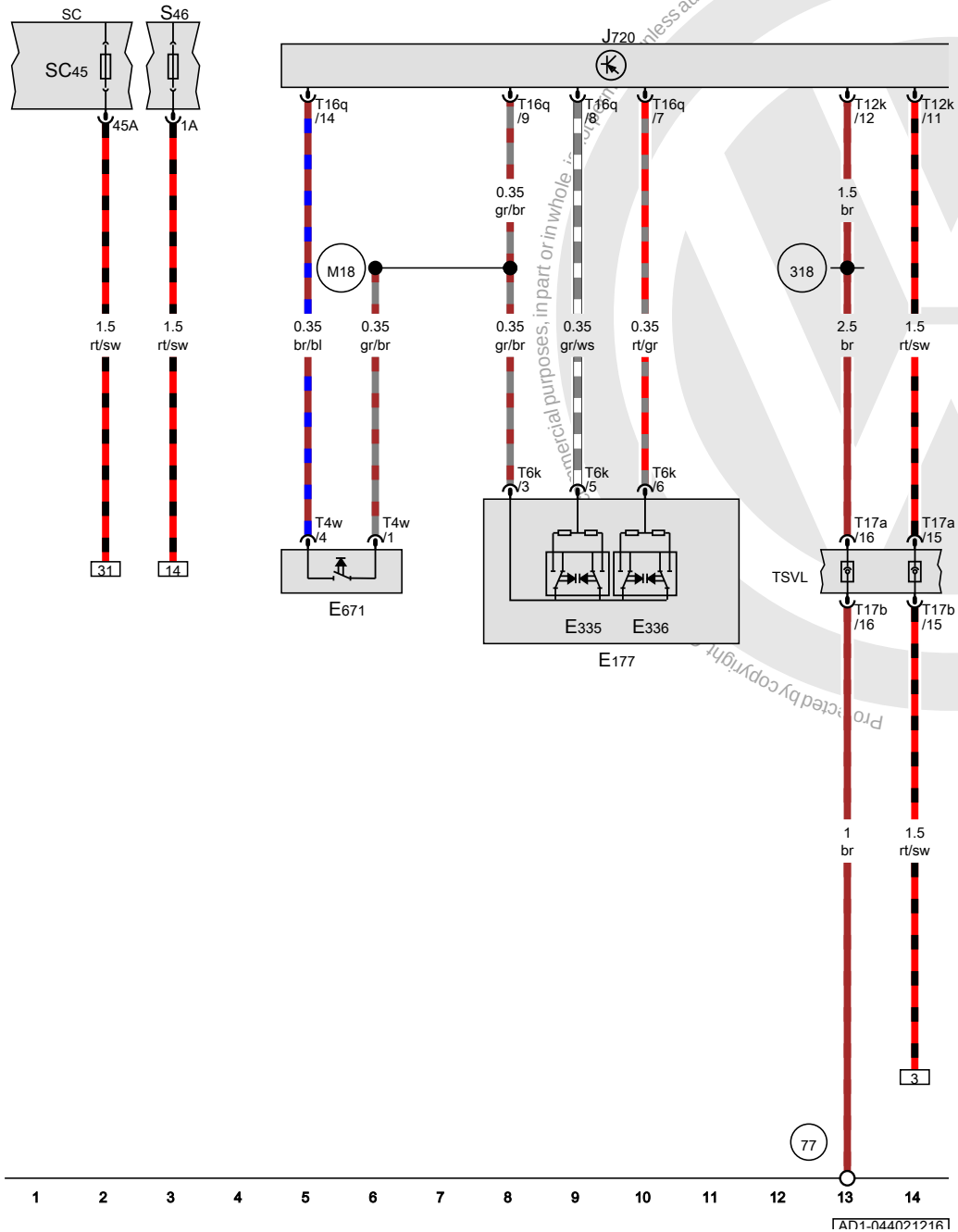
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Electrically adjustable lumbar support on seat without electric adjustment , (8I3),(8I9),(L0R)

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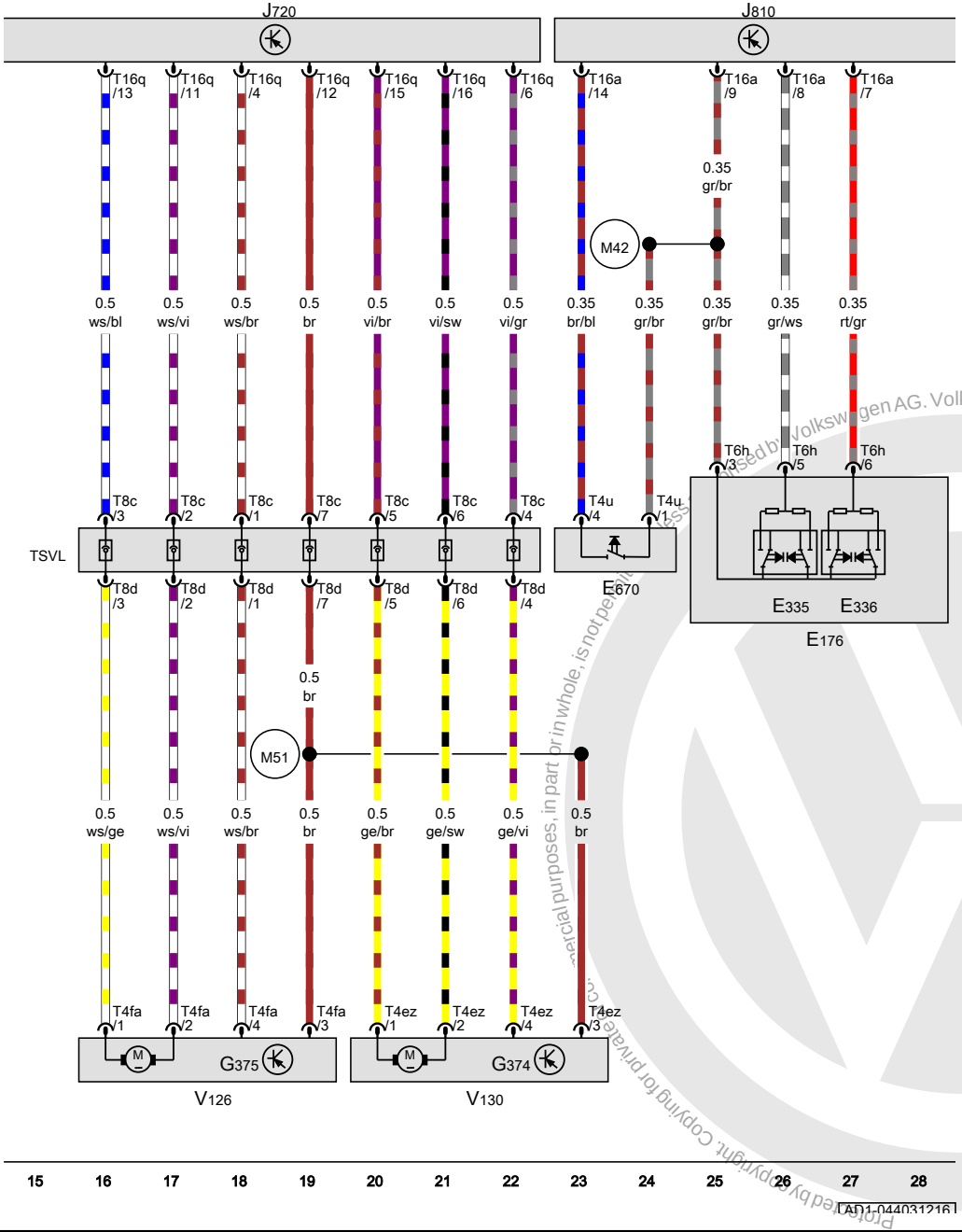


Front passenger seat lumbar support adjustment switch, Front passenger seat massage function button, Front passenger seat position control unit, Front passenger seat adjustment thermal fuse 1, Fuse holder C

E177	Front passenger seat lumbar support adjustment switch
E335	Lumbar support height adjustment button
E336	Lumbar support longitudinal adjustment button
E671	Front passenger seat massage function button
J720	Front passenger seat position control unit
S46	Front passenger seat adjustment thermal fuse 1
SC	Fuse holder C
SC45	Fuse 45 on fuse holder C
T4w	4-pin connector, black
T6k	6-pin connector, black
T12k	12-pin connector, black
T16q	16-pin connector, black
T17a	17-pin connector, red
T17b	17-pin connector, red
TSVL	Coupling point for front left seat
77	Earth point, lower part of left B-pillar
318	Earth connection 4, in seat heating wiring harness
M18	Connection 1, in front passenger seat adjustment wiring harness

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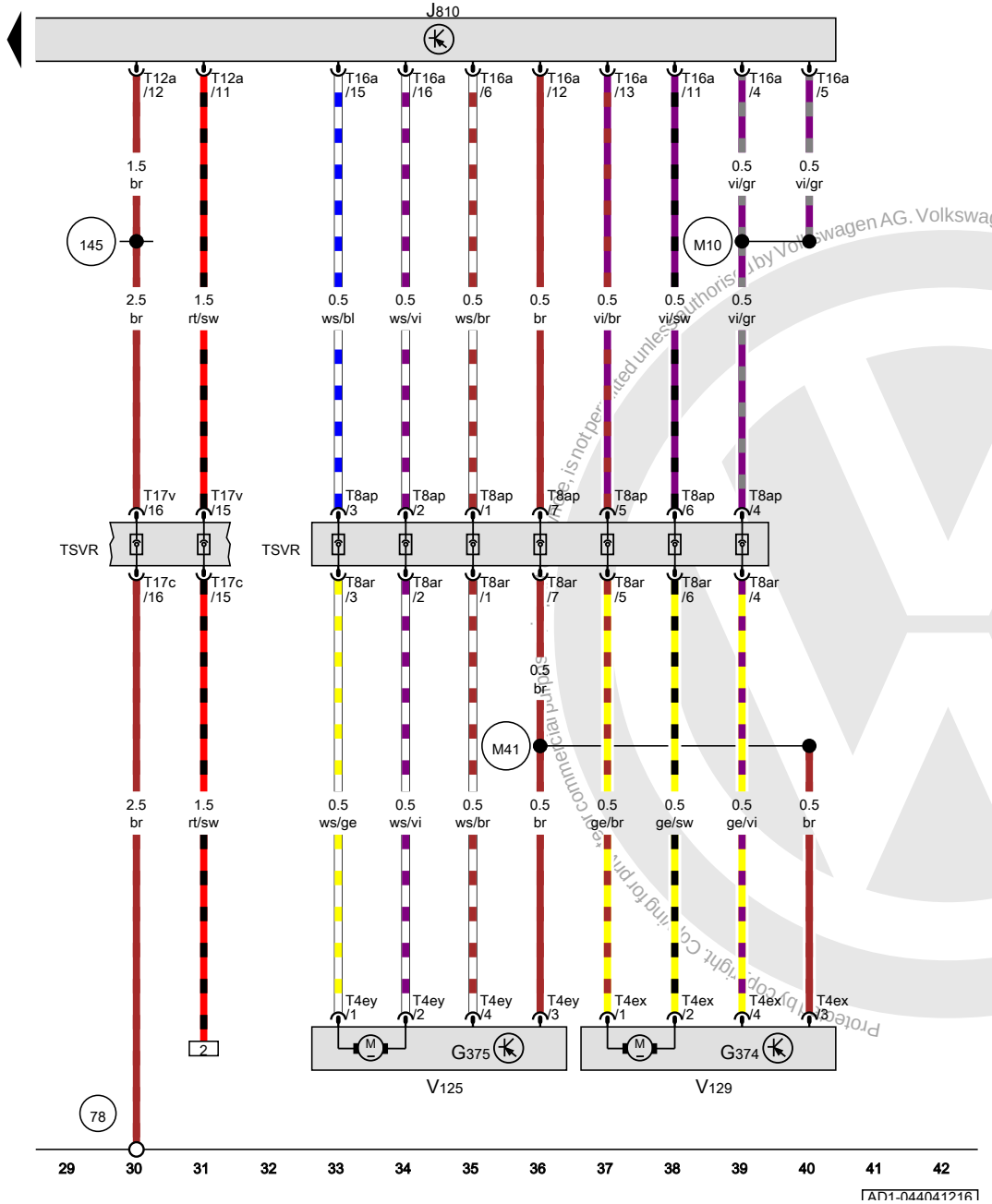


Driver seat lumbar support adjustment switch, Driver seat massage function button, Front passenger seat position control unit, Driver seat adjustment control unit, Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support height adjustment motor

E176	Driver seat lumbar support adjustment switch
E335	Lumbar support height adjustment button
E336	Lumbar support longitudinal adjustment button
E670	Driver seat massage function button
G374	Lumbar support height adjustment sender
G375	Lumbar support longitudinal adjustment sender
J720	Front passenger seat position control unit
J810	Driver seat adjustment control unit
T4ez	4-pin connector, black
T4fa	4-pin connector, black
T4u	4-pin connector, black
T6h	6-pin connector, black
T8c	8-pin connector, black
T8d	8-pin connector, black
T16a	16-pin connector, black
T16q	16-pin connector, black
TSVL	Coupling point for front left seat
V126	Front passenger seat lumbar support longitudinal adjustment motor
V130	Front passenger seat lumbar support height adjustment motor
M42	Connection 2, in driver seat wiring harness
M51	Connection 1, in front passenger seat wiring harness

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Driver seat adjustment control unit, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

G374	Lumbar support height adjustment sender
G375	Lumbar support longitudinal adjustment sender
J810	Driver seat adjustment control unit
T4ex	4-pin connector, black
T4ey	4-pin connector, black
T8ap	8-pin connector, black
T8ar	8-pin connector, black
T12a	12-pin connector, black
T16a	16-pin connector, black
T17c	17-pin connector, red
T17v	17-pin connector, red
TSVR	Coupling point for front right seat
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
78	Earth point, lower part of right B-pillar
145	Earth connection 3, in seat heating wiring harness
M10	Connection 1, in driver seat adjustment wiring harness
M41	Connection 1, in driver seat wiring harness

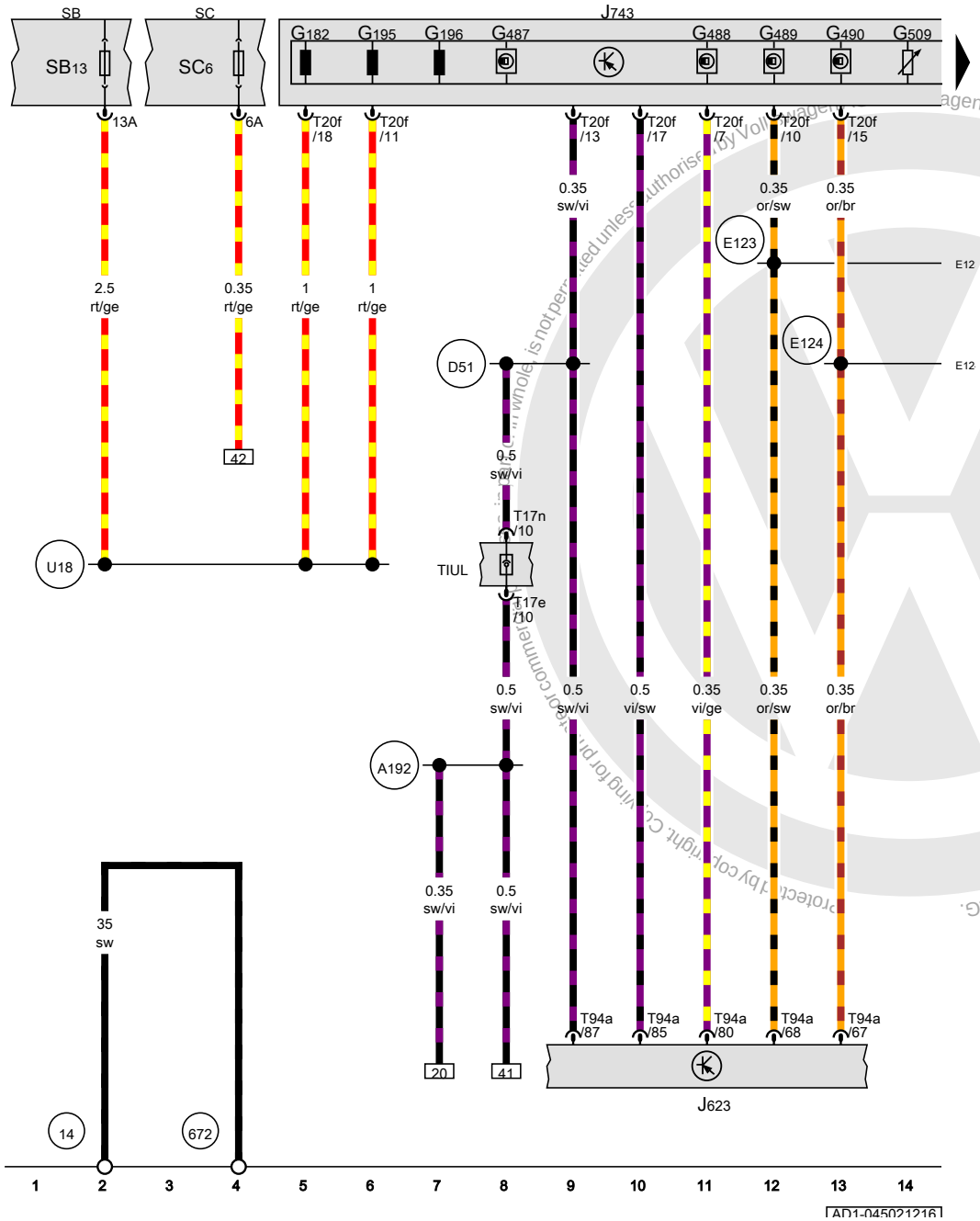
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Dual clutch gearbox 0D9 , (0ES)

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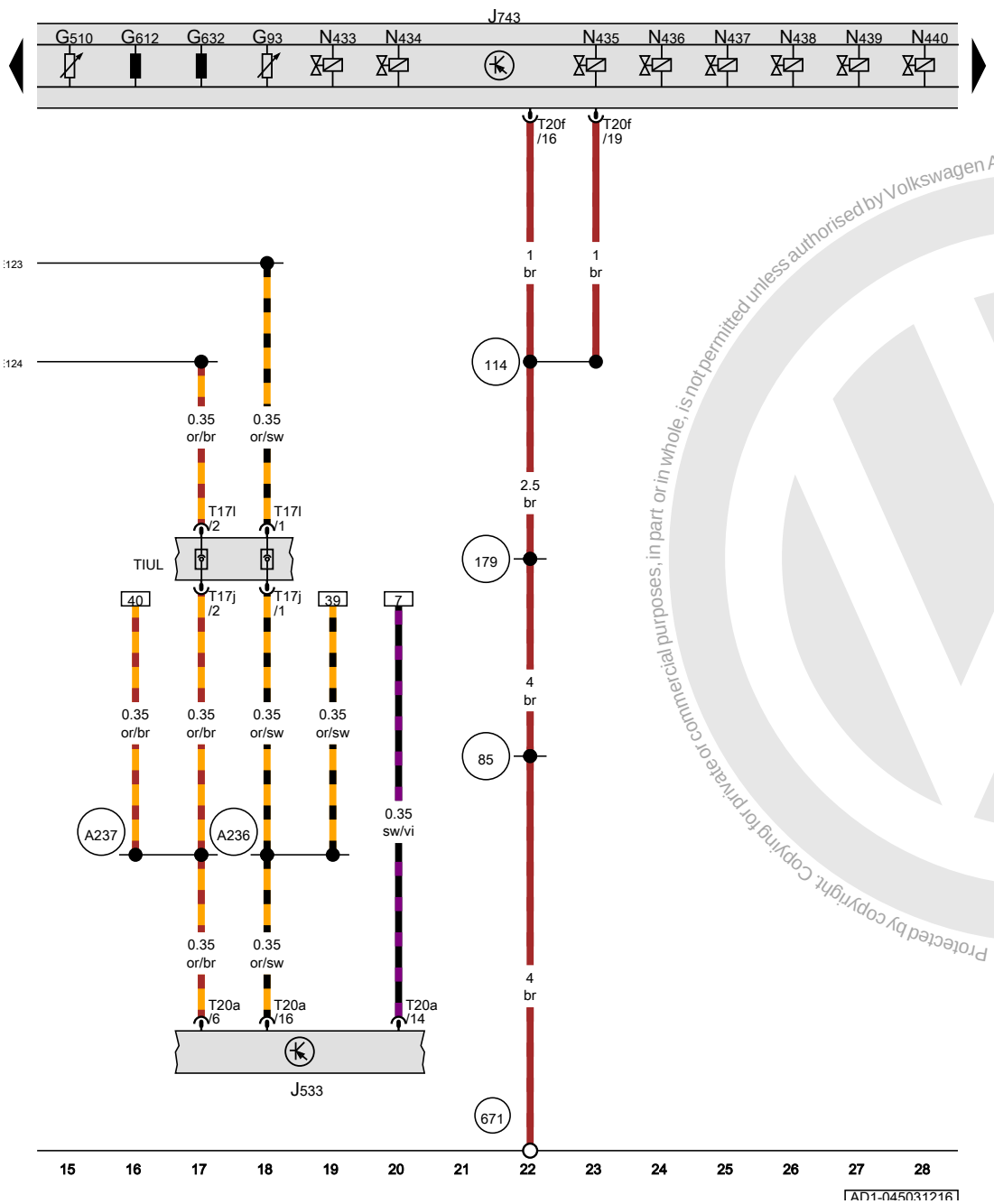


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Engine control unit, Mechatronic unit for dual clutch gearbox, Fuse holder B, Fuse holder C

G182	Gearbox input speed sender
G195	Gearbox output speed sender
G196	Gearbox output speed sender 2
G487	Gear selector movement sensor 1
G488	Gear selector movement sensor 2
G489	Gear selector movement sensor 3
G490	Gear selector movement sensor 4
G509	Clutch temperature sender
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
SB	Fuse holder B
SB13	Fuse 13 on fuse holder B
SC	Fuse holder C
SC6	Fuse 6 on fuse holder C
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T20f	20-pin connector, black
T94a	94-pin connector, black
TIUL	Coupling point in interior, below left
14	Earth point, on gearbox
672	Earth point 2, on front of left longitudinal member
A192	Positive connection 3 (15a) in dash panel wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
U18	Positive connection (30a), in automatic gearbox wiring harness

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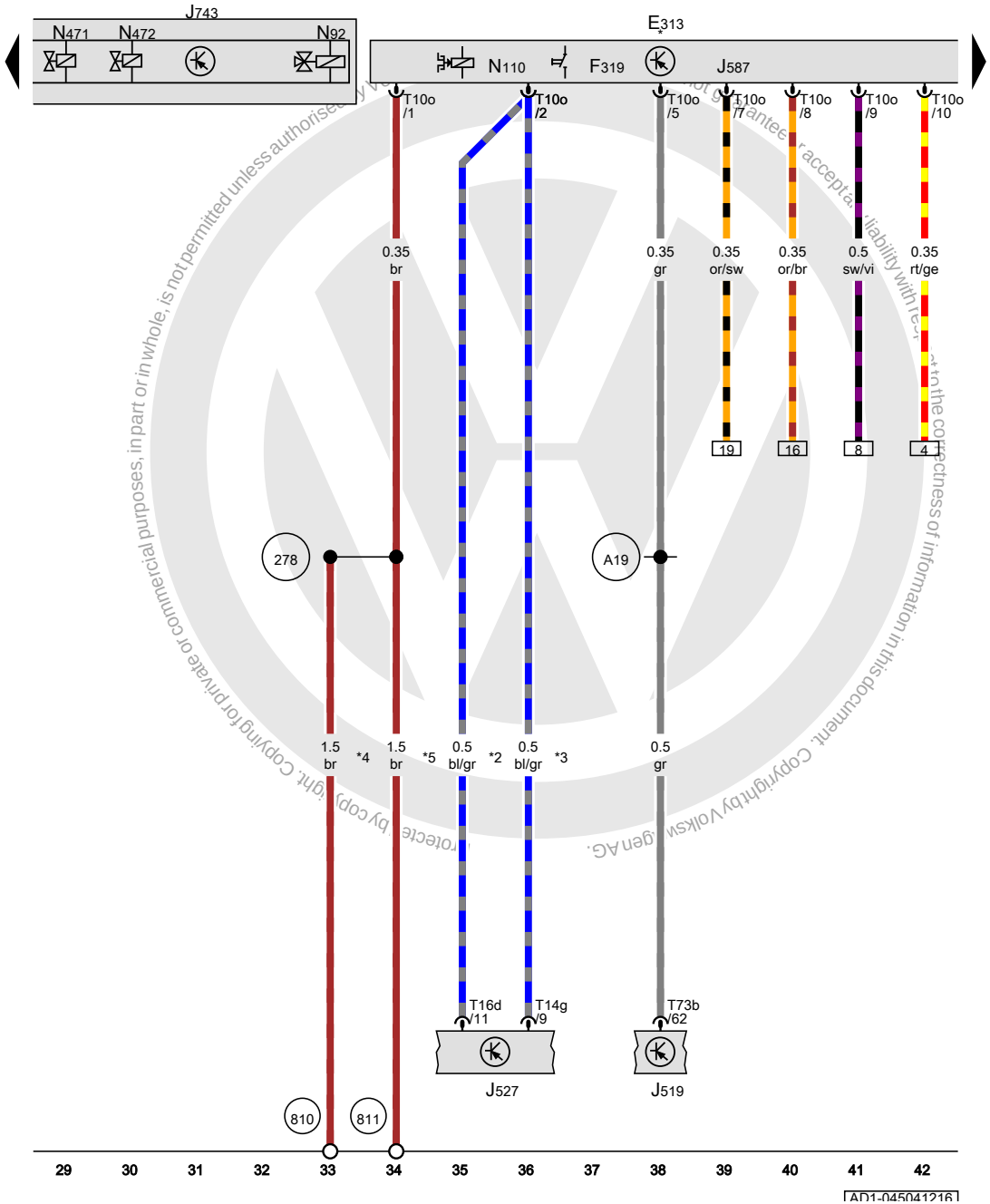


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Data bus diagnostic interface, Mechatronic unit for dual clutch gearbox

G93	Gearbox oil temperature sender
G510	Temperature sender in control unit
G612	Gearbox input speed sender 2
G632	Gearbox input speed sender 1
J533	Data bus diagnostic interface
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
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
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T20a	20-pin connector, red
T20f	20-pin connector, black
TIUL	Coupling point in interior, below left
85	Earth connection 1, in engine compartment wiring harness
114	Earth connection, in automatic gearbox wiring harness
179	Earth connection, in left headlight wiring harness
671	Earth point 1, on front of left longitudinal member
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness

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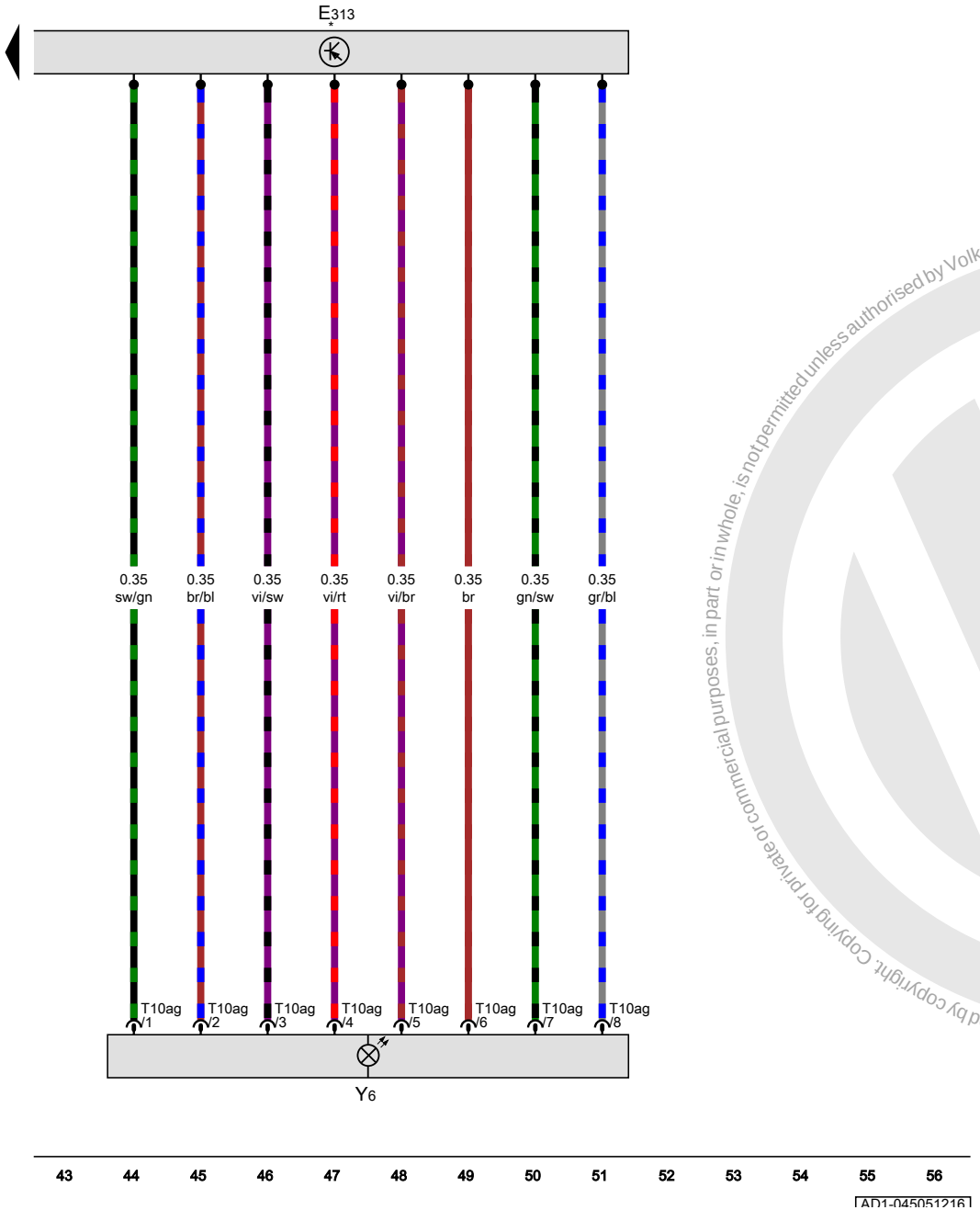
Selector lever, Onboard supply control unit, Steering column electronics control unit, Mechatronic unit for dual clutch gearbox

E313	Selector lever
F319	Selector lever locked in position P switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
J587	Selector lever sensors control unit
J743	Mechatronic unit for dual clutch gearbox
N92	Solenoid valve 5
N110	Selector lever lock solenoid
N471	Cooling oil valve
N472	Main pressure valve
T10o	10-pin connector, black
T14g	14-pin connector, black
T16d	16-pin connector, black
T73b	73-pin connector, black
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A19	Connection (58d), in dash panel wiring harness
*	Pre-wired component
*2	Only models with no heated steering wheel
*3	Only models with heated steering wheel
*4	Only left-hand drive models
*5	Only right-hand drive models

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Selector lever, Selector lever position display

E313	Selector lever
T10ag	10-pin connector, black
Y6	Selector lever position display
*	Pre-wired component



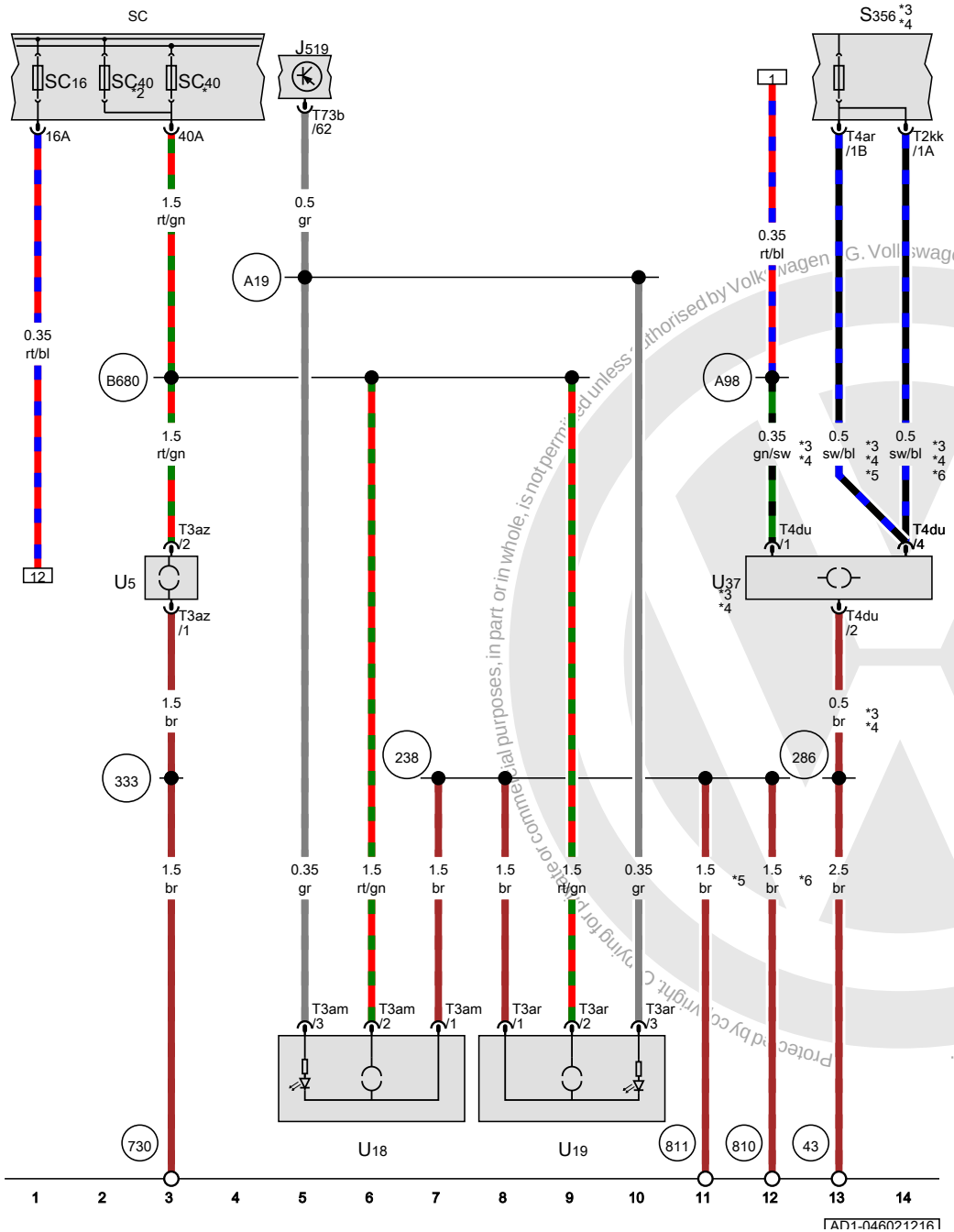
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12 V sockets , (7B3)

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USB charging socket fuse, 12 V socket, 12 V socket 2, 12 V socket 3, USB charging socket 1

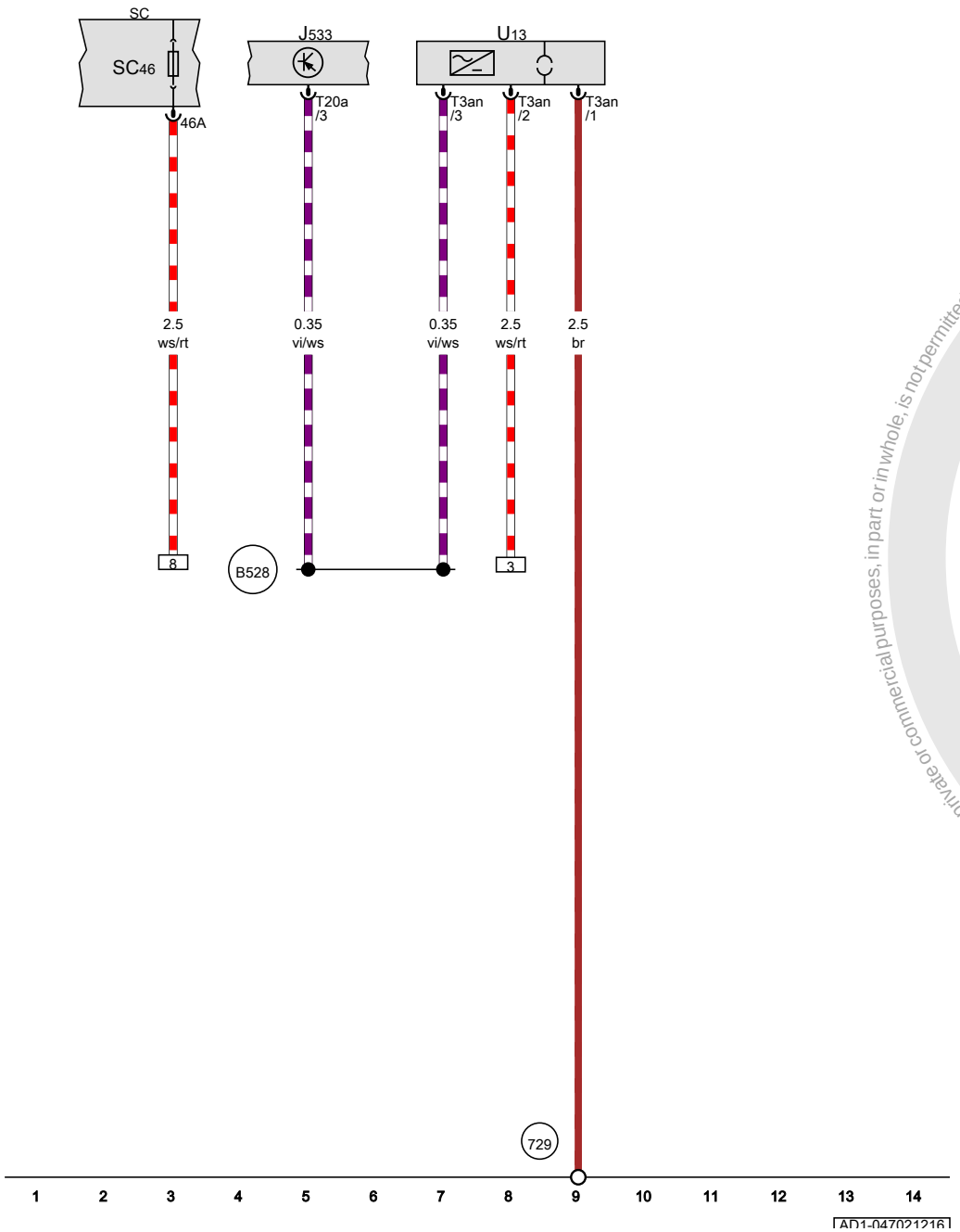
J519	Onboard supply control unit
SC16	Fuse 16 on fuse holder C
SC40	Fuse 40 on fuse holder C
S356	USB charging socket fuse
SC	Fuse holder C
T2kk	2-pin connector, black
T3am	3-pin connector, colourless
T3ar	3-pin connector, colourless
T3az	3-pin connector, colourless
T4ar	4-pin connector, black
T4du	4-pin connector, red
T73b	73-pin connector, black
U5	12 V socket
U18	12 V socket 2
U19	12 V socket 3
U37	USB charging socket 1
43	Earth point, lower part of right A-pillar
238	Earth connection 1, in interior wiring harness
286	Earth connection 8, in interior wiring harness
333	Earth connection 5, in rear wiring harness
730	Earth point 1, on right rear wheel housing
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A19	Connection (58d), in dash panel wiring harness
A98	Positive connection 4 (30), in dash panel wiring harness
B680	Connection (electric socket), in interior wiring harness
*	Factory fitted with power supply from terminal 15
*2	Power supply via terminal 30 possible
*3	From November 2016
*4	According to equipment
*5	Only right-hand drive models
*6	Only left-hand drive models

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DC/AC converter with socket , (9Z3)

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DC/AC converter with socket, 12 V - 230 V

J533	Data bus diagnostic interface
SC	Fuse holder C
SC46	Fuse 46 on fuse holder C
T3an	3-pin connector, black
T20a	20-pin connector, red
U13	DC/AC converter with socket, 12 V - 230 V
729	Earth point, on left rear wheel housing
B528	Connection 1 (LIN bus) in main wiring harness

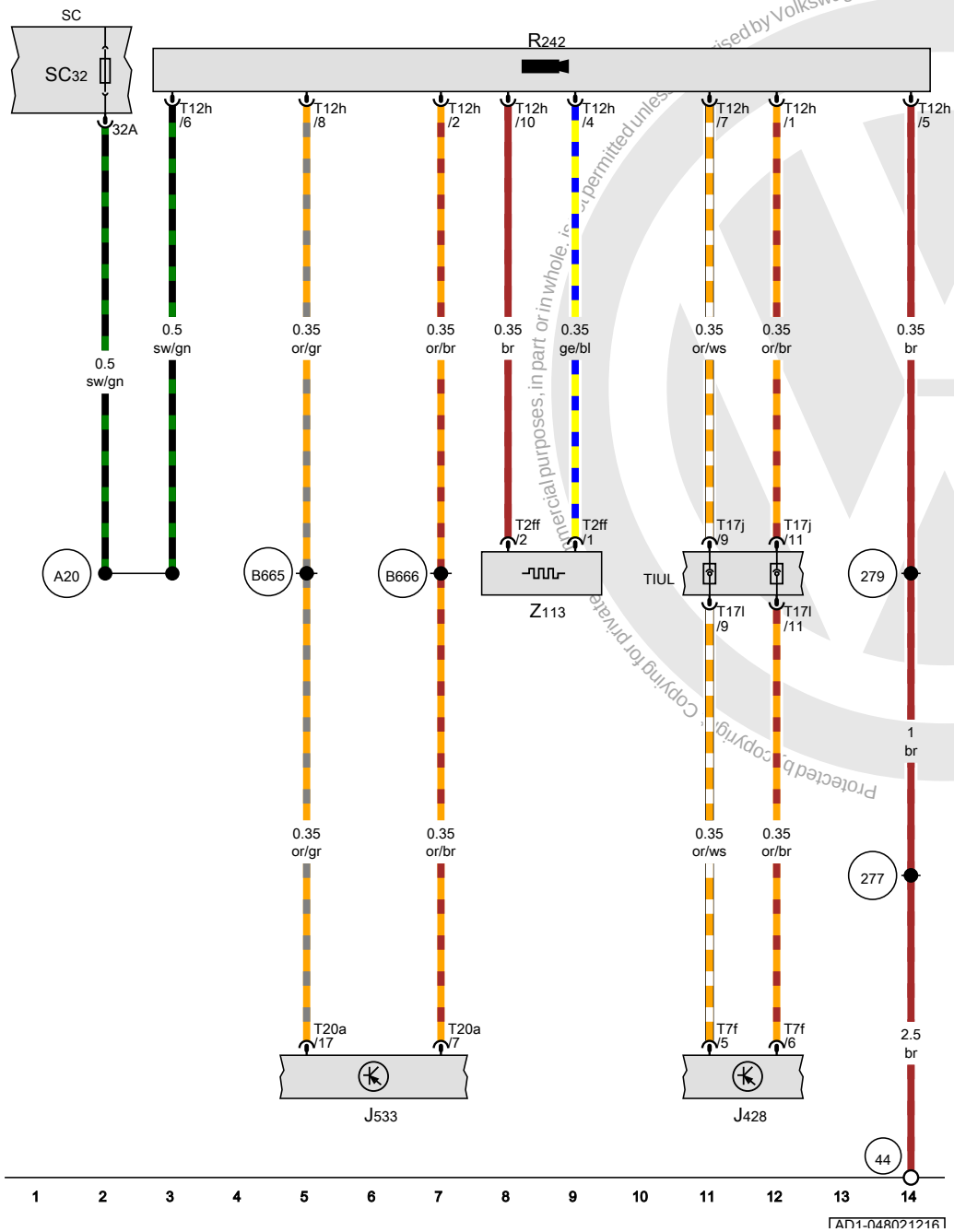
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Front camera for driver assist systems , (QK1)

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Adaptive cruise control unit, Front camera for driver assist systems, Windscreen heater for front sensors

J428	Adaptive cruise control unit
J533	Data bus diagnostic interface
R242	Front camera for driver assist systems
SC	Fuse holder C
SC32	Fuse 32 on fuse holder C
T2ff	2-pin connector, black
T7f	7-pin connector, black
T12h	12-pin connector, black
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T20a	20-pin connector, red
TIUL	Coupling point in interior, below left
Z113	Windscreen heater for front sensors
44	Earth point, lower part of left A-pillar
277	Earth connection 3, in interior wiring harness
279	Earth connection 5, in interior wiring harness
A20	Positive connection (15a), in dash panel wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness

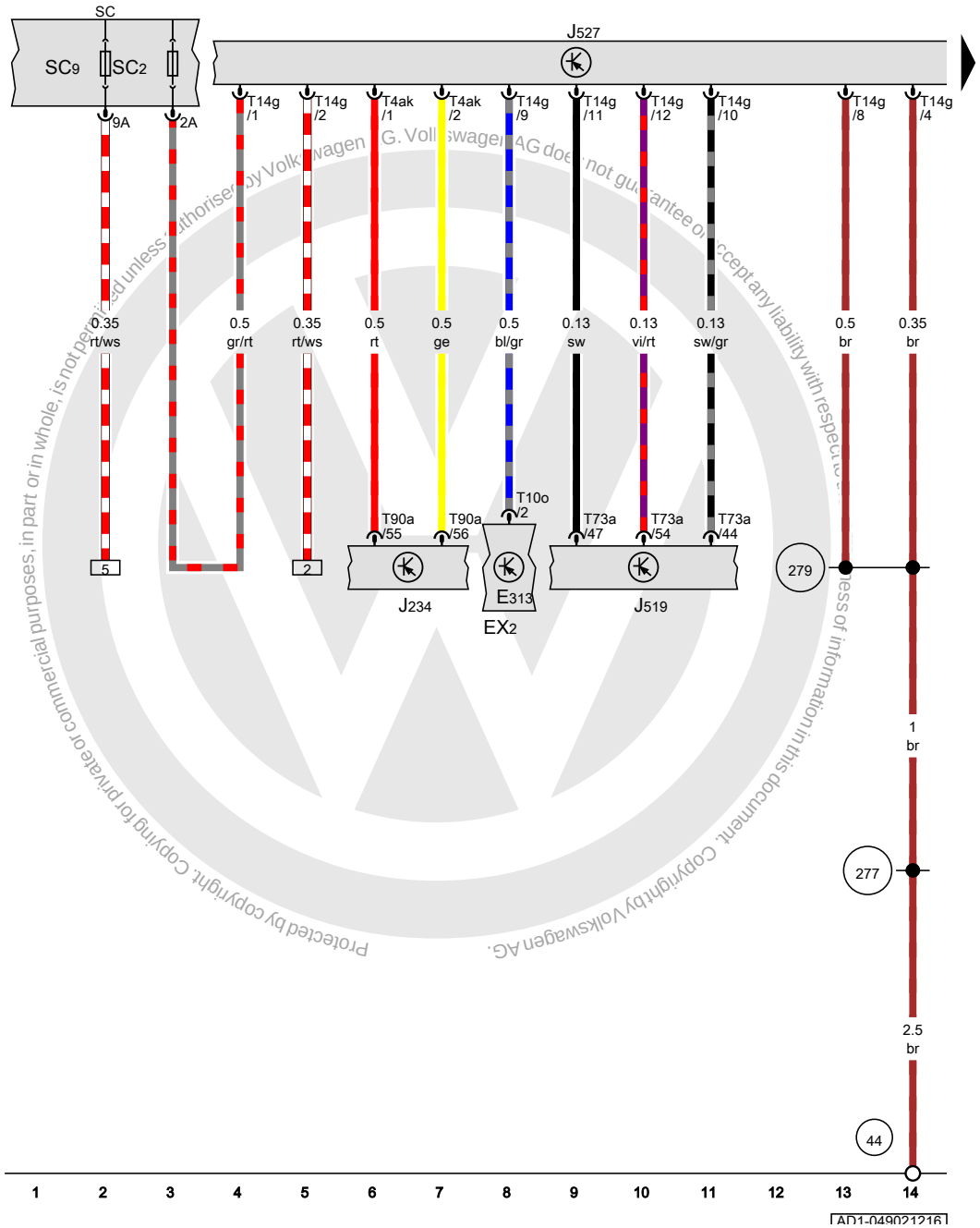
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Steering column electronics for heated steering wheel , (2ZD),(2ZW)

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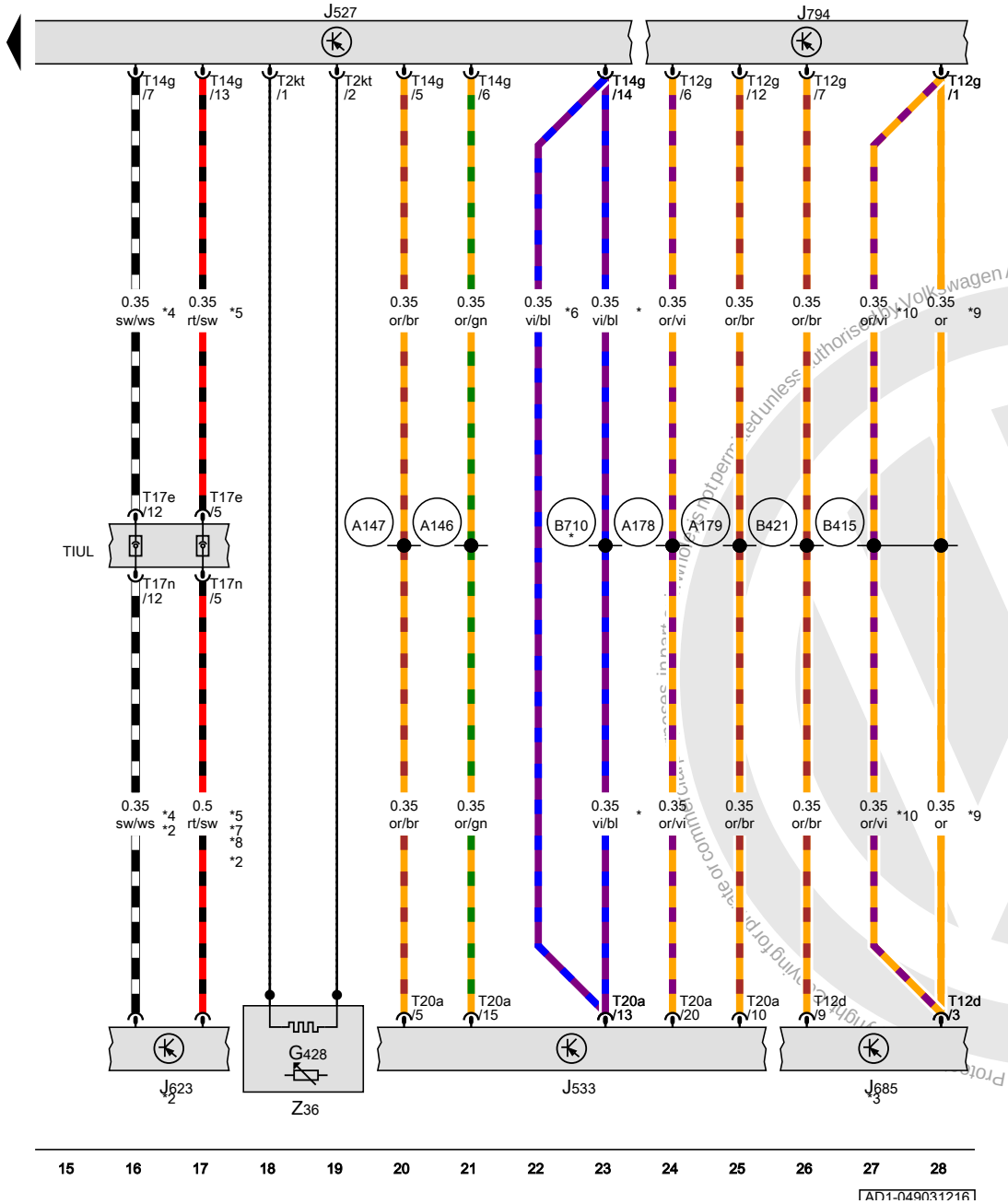


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Selector mechanism, Airbag control unit, Onboard supply control unit, Steering column electronics control unit, Fuse holder C

EX2	Selector mechanism
E313	Selector lever
J234	Airbag control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
SC	Fuse holder C
SC2	Fuse 2 on fuse holder C
SC9	Fuse 9 on fuse holder C
T4ak	4-pin connector, yellow
T10o	10-pin connector, black
T14g	14-pin connector, black
T73a	73-pin connector, black
T90a	90-pin connector, yellow
44	Earth point, lower part of left A-pillar
277	Earth connection 3, in interior wiring harness
279	Earth connection 5, in interior wiring harness

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Steering column electronics control unit, Data bus diagnostic interface, Engine control unit, Display unit for front information display and operating unit control unit, Control unit 1 for information electronics, Heated steering wheel

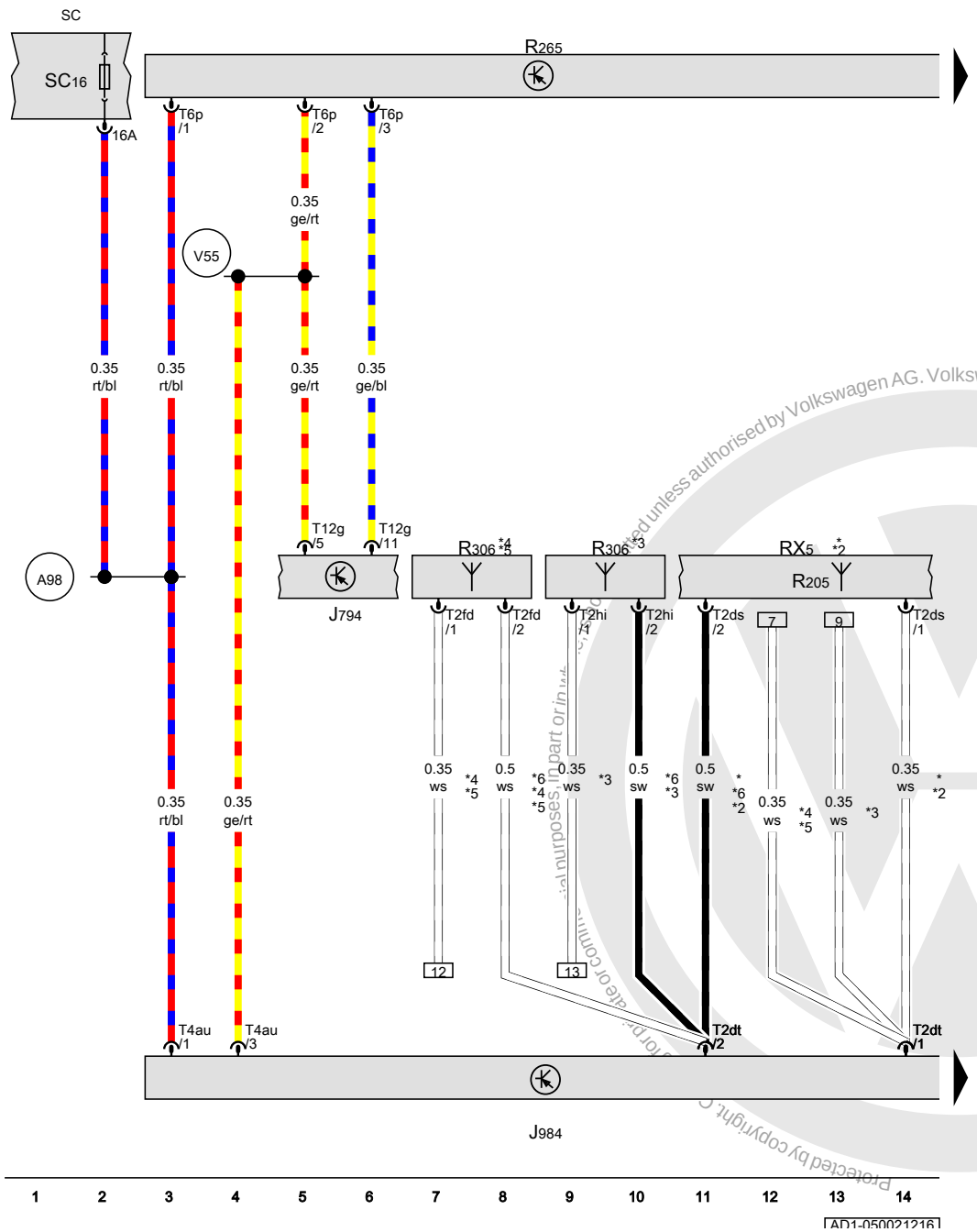
G428	Heated steering wheel sender
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
J623	Engine control unit
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
T2kt	2-pin connector, black
T12d	12-pin connector, black
T12g	12-pin connector, grey
T14g	14-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T20a	20-pin connector, red
TIUL	Coupling point in interior, below left
Z36	Heated steering wheel
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), 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
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
*	Only models with all-wheel drive
*2	see applicable current flow diagram for engine
*3	Activation via menu in infotainment system
*4	Only models with cruise control system
*5	Only models with no entry and start authorisation
*6	Only models with front-wheel drive
*7	Wiring colour depends on equipment
*8	Cross section depends on equipment
*9	From May 2016
*10	Up to May 2016

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Mobile telephone systems , (9IF),(9IH),(9IJ),(9IM),(9ZK),(9ZX)

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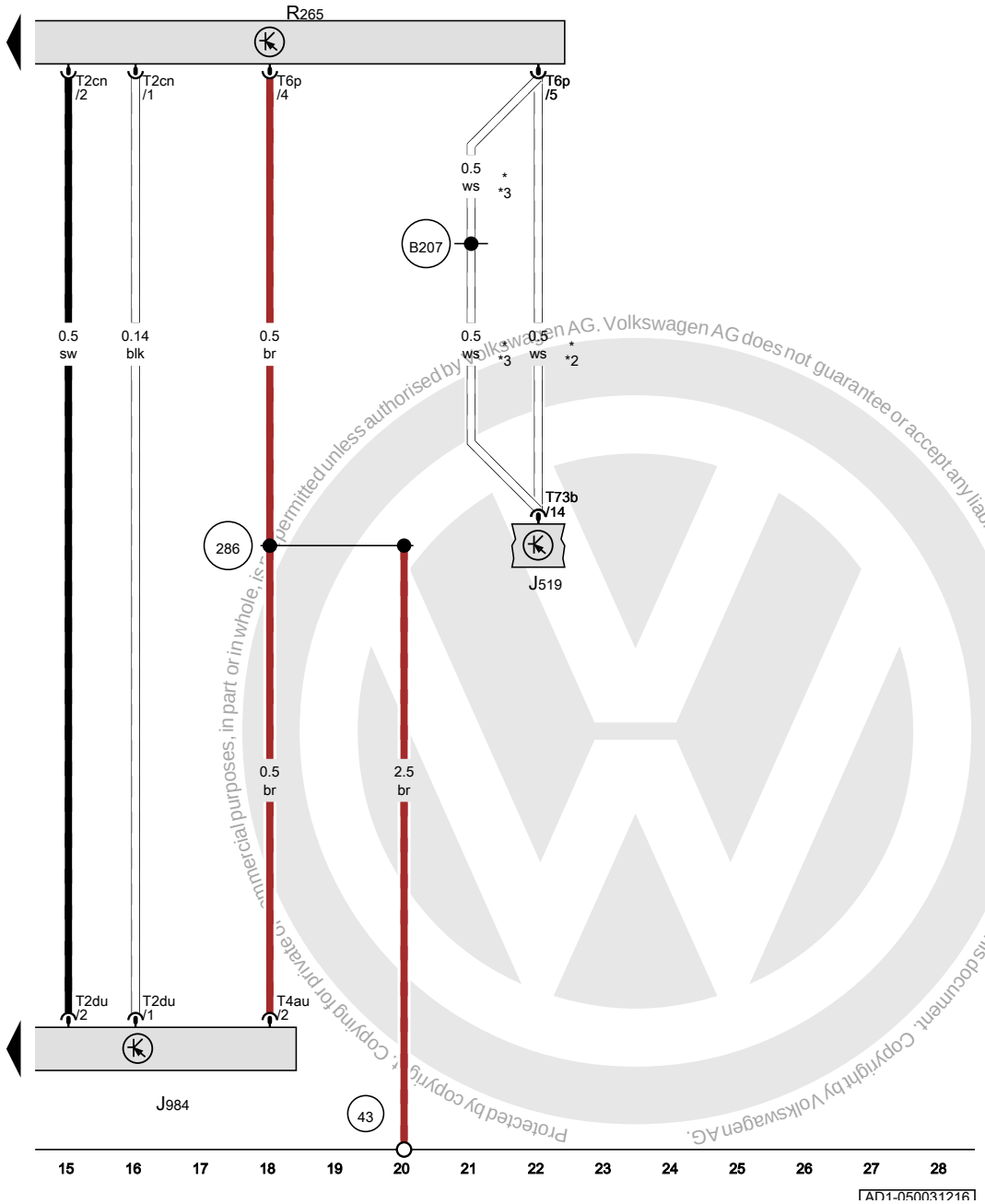


Two-way signal amplifier for mobile telephone/data services, Roof aerial, Storage compartment with interface for mobile telephone, LTE aerial 2

J794	Control unit 1 for information electronics
J984	Two-way signal amplifier for mobile telephone/data services
RX5	Roof aerial
R205	GSM aerial
R265	Storage compartment with interface for mobile telephone
R306	LTE aerial 2
SC	Fuse holder C
SC16	Fuse 16 on fuse holder C
T2ds	2-pin connector, purple
T2dt	2-pin connector, purple
T2fd	2-pin connector, purple
T2hi	2-pin connector, yellow
T4au	4-pin connector, black
T6p	6-pin connector, black
T12g	12-pin connector, grey
A98	Positive connection 4 (30), in dash panel wiring harness
V55	Connection 2 (telephone), in main wiring harness
*	According to equipment
*2	Only models with no equipment for Japan
*3	Only models with equipment for Japan
*4	Only models with emergency call module
*5	From May 2016
*6	Different wire colour possible

ws	=	white
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

Two-way signal amplifier for mobile telephone/data services, Storage compartment with interface for mobile telephone

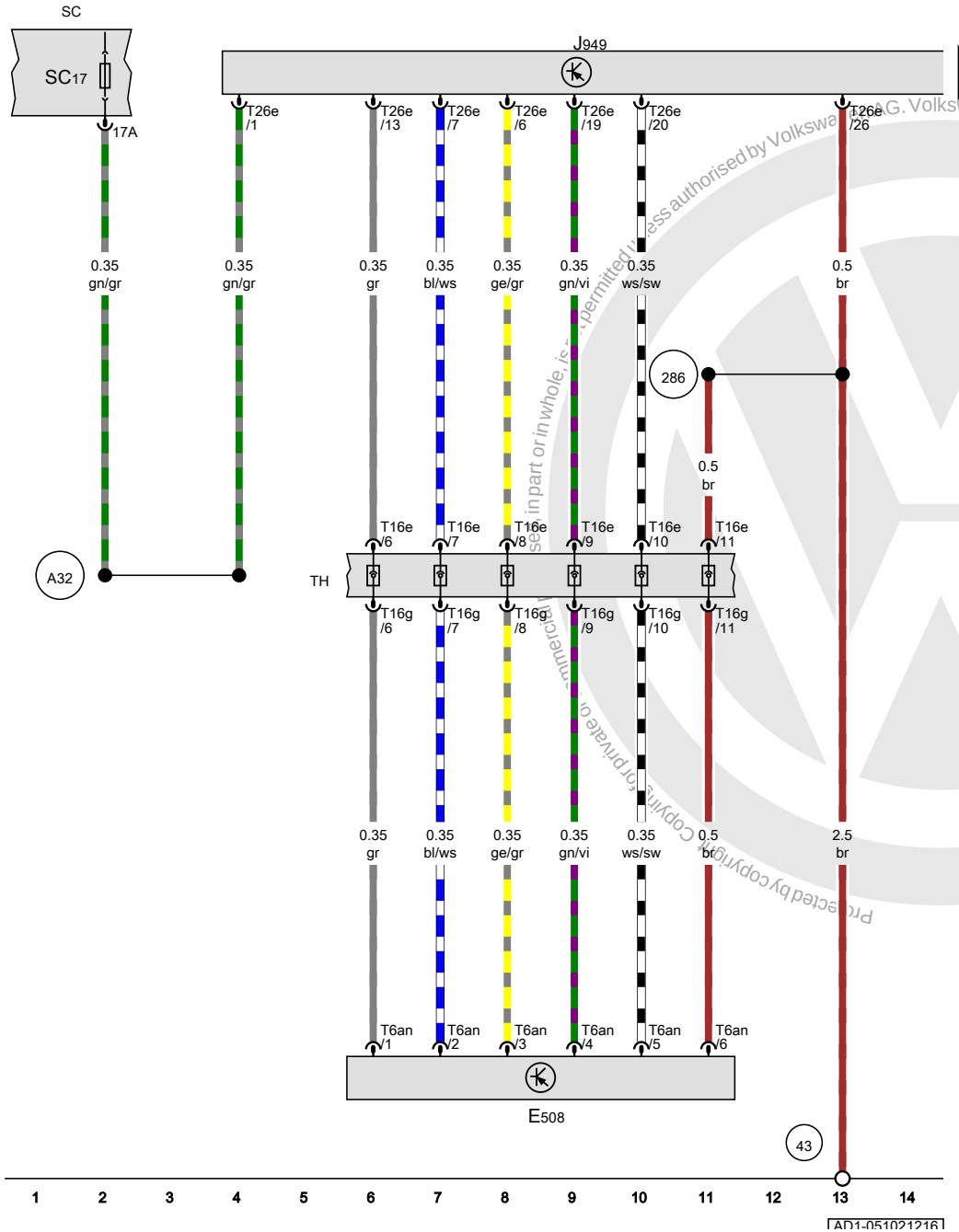
J519	Onboard supply control unit
J984	Two-way signal amplifier for mobile telephone/data services
R265	Storage compartment with interface for mobile telephone
T2cn	2-pin connector, purple
T2du	2-pin connector, black
T4au	4-pin connector, black
T6p	6-pin connector, black
T73b	73-pin connector, black
43	Earth point, lower part of right A-pillar
286	Earth connection 8, in interior wiring harness
B207	Connection (convenience), in interior wiring harness
*	From May 2016
*2	Only models with no entry and start authorisation
*3	Only models with entry and start authorisation

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Emergency call module , (EL2),(EL5)

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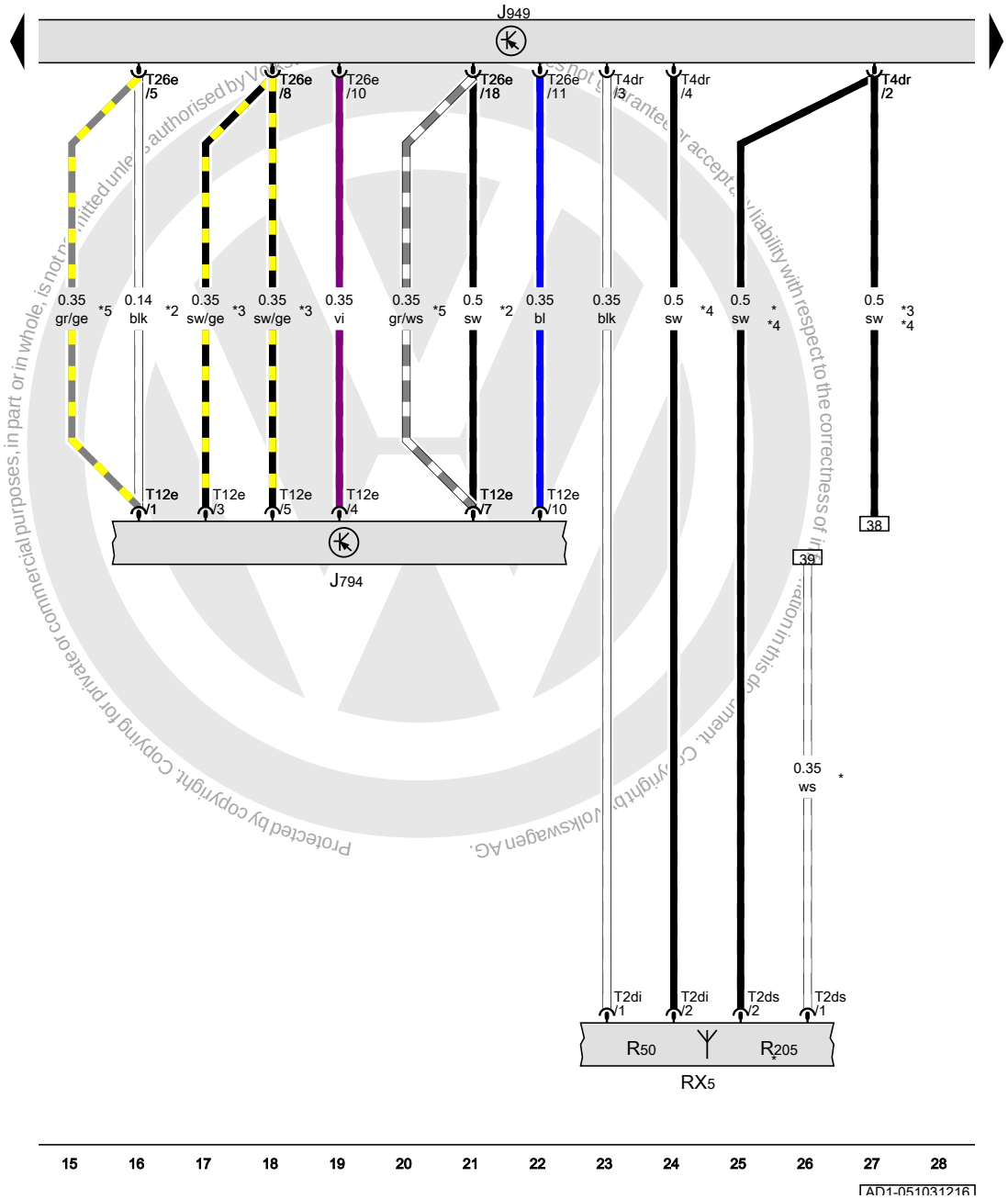


Operating unit for preparation for mobile telephone, Emergency call module control unit and communication unit

E508	Operating unit for preparation for mobile telephone
J949	Emergency call module control unit and communication unit
SC	Fuse holder C
SC17	Fuse 17 on fuse holder C
T6an	6-pin connector, brown
T16e	16-pin connector, brown
T16g	16-pin connector, brown
T26e	26-pin connector, black
TH	Coupling point for roof
43	Earth point, lower part of right A-pillar
286	Earth connection 8, in interior wiring harness
A32	Positive connection (30), 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
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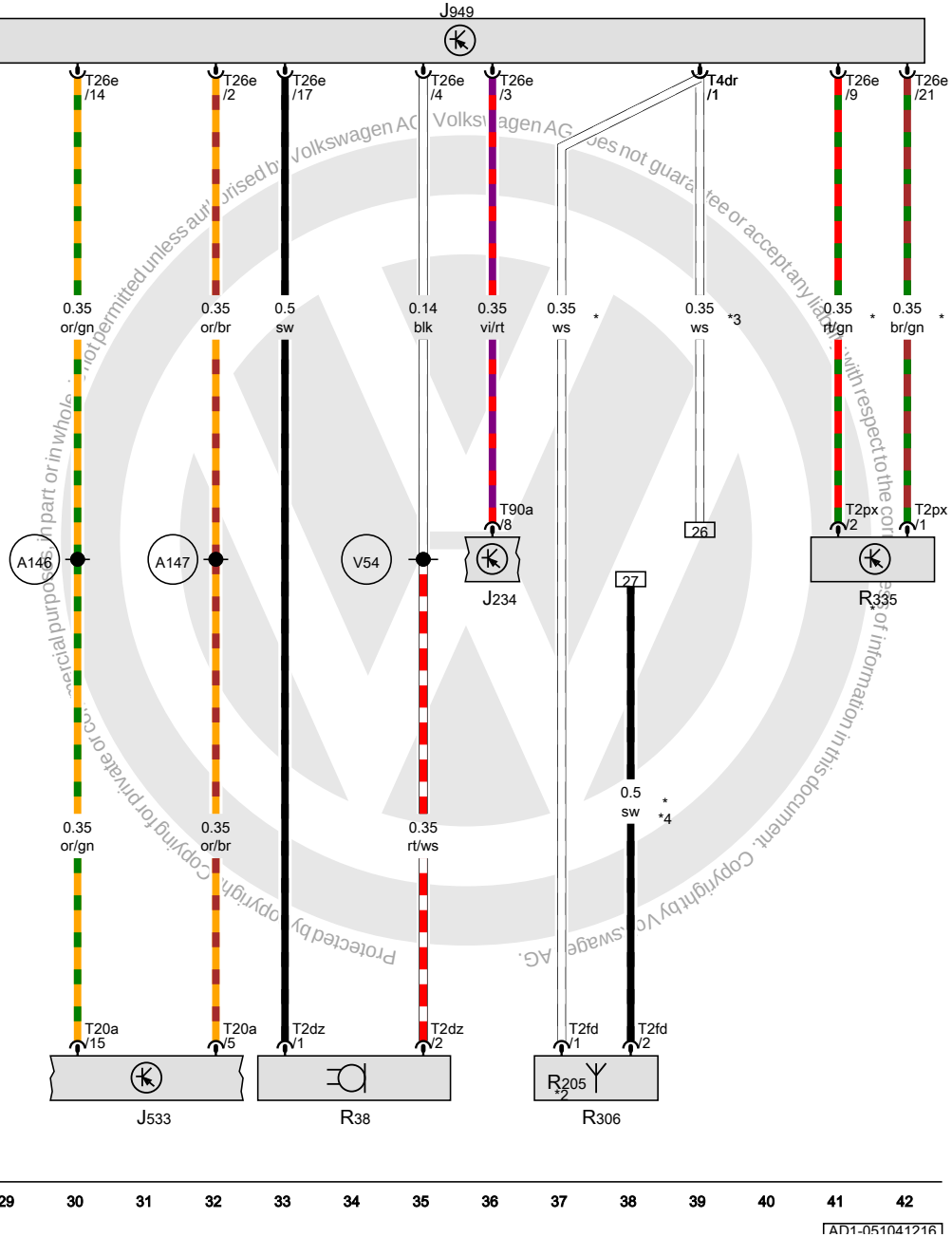


Control unit 1 for information electronics, Emergency call module control unit and communication unit, Roof aerial

J794	Control unit 1 for information electronics
J949	Emergency call module control unit and communication unit
RX5	Roof aerial
R50	GPS aerial
R205	GSM aerial
T2di	2-pin connector, blue
T2ds	2-pin connector, purple
T4dr	4-pin connector, purple
T12e	12-pin connector, blue
T26e	26-pin connector, black
*	Only models with no charger unit for telephone and with no mobile telephone operating electronics control unit
*2	From May 2016
*3	According to equipment
*4	Different wire colour possible
*5	Up to May 2016

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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Airbag control unit, Data bus diagnostic interface, Emergency call module control unit and communication unit, Telephone microphone, LTE aerial 2, Loudspeaker for emergency call module

J234	Airbag control unit
J533	Data bus diagnostic interface
J949	Emergency call module control unit and communication unit
R38	Telephone microphone
R205	GSM aerial
R306	LTE aerial 2
R335	Loudspeaker for emergency call module
T2dz	2-pin connector, black
T2fd	2-pin connector, purple
T2px	2-pin connector, black
T4dr	4-pin connector, purple
T20a	20-pin connector, red
T26e	26-pin connector, black
T90a	90-pin connector, yellow
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
V54	Connection 1 (telephone), in main wiring harness
*	According to equipment
*2	Only models with charger unit for telephone
*3	Only models with no charger unit for telephone and with no mobile telephone operating electronics control unit
*4	Different wire colour possible

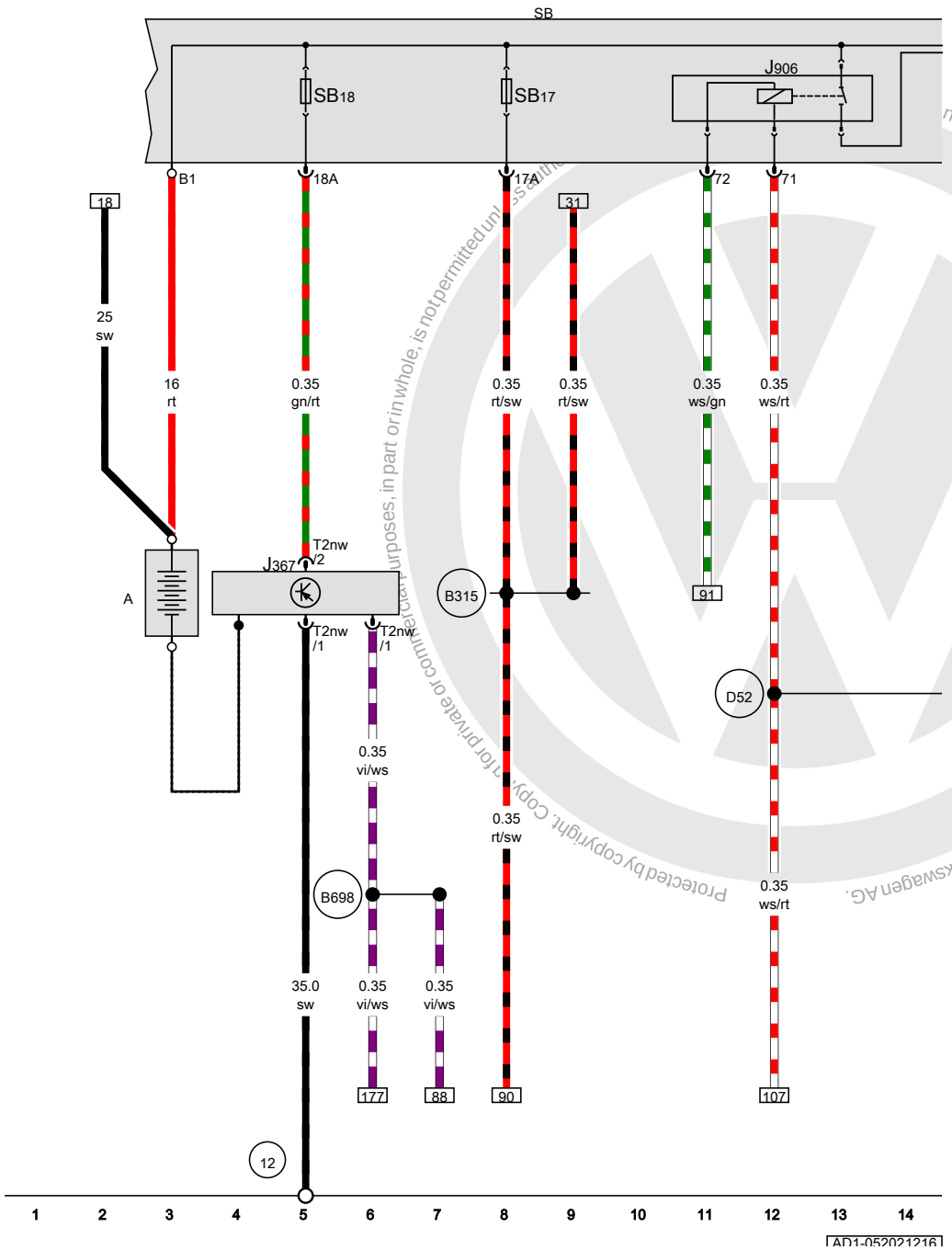
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vi	=	purple
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1.6l diesel engine , DGDB

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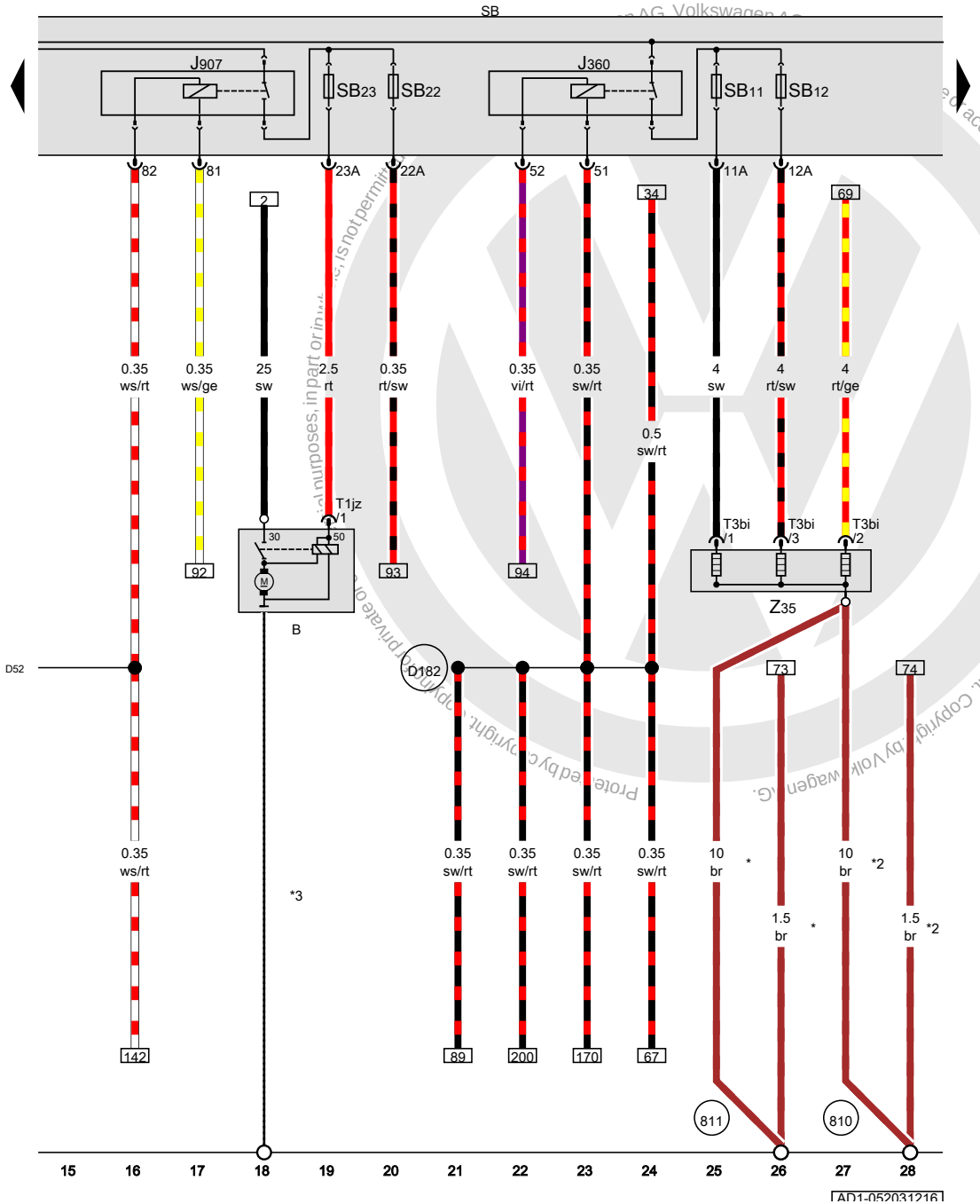


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Battery, Battery monitor control unit, Starter relay 1, Fuse holder B

A	Battery
J367	Battery monitor control unit, on earth cable battery clamp
J906	Starter relay 1
SB	Fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
T2nw	2-pin connector, black
12	Earth point, on left in engine compartment
B315	Positive connection 1 (30a) in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
D52	Positive connection (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

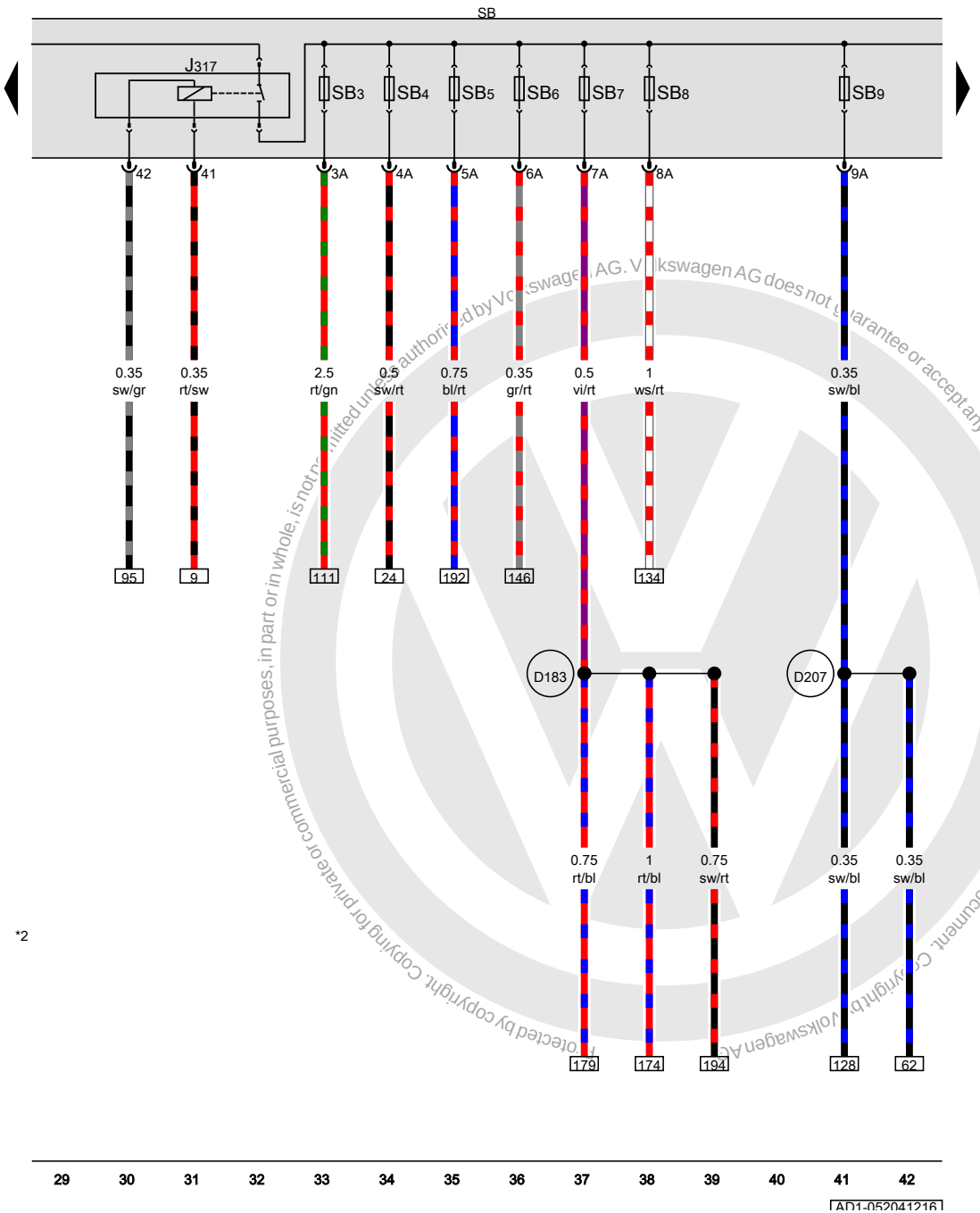


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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Starter, High heat output relay, Starter relay 2, Fuse holder B, Auxiliary air heater element

B	Starter
J360	High heat output relay
J907	Starter relay 2
SB	Fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
T1jz	1-pin connector, black
T3bi	3-pin connector, black
Z35	Auxiliary air heater element
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
D52	Positive connection (15a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models
*3	Earth supply via housing

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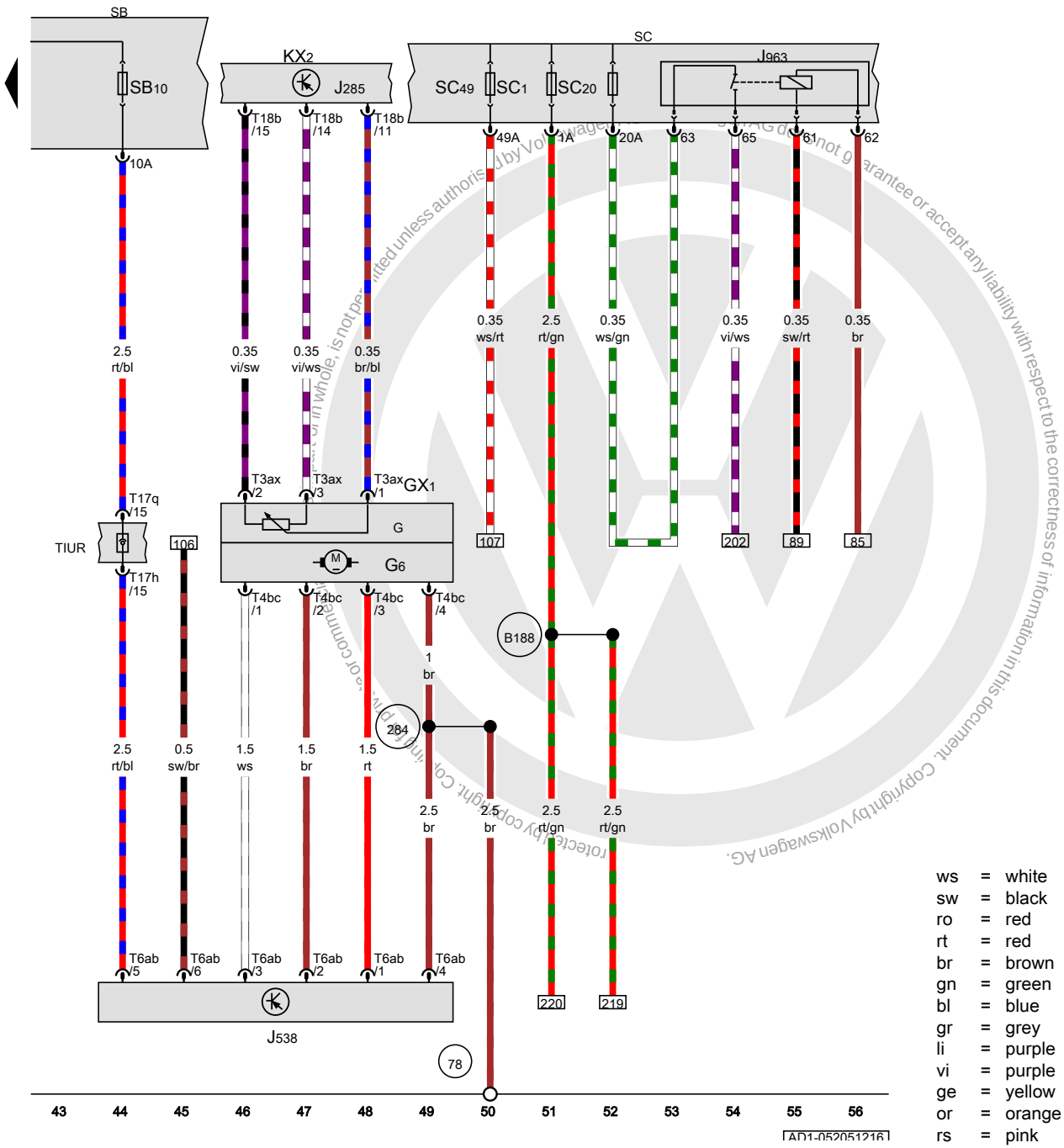


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Terminal 30 voltage supply relay, Fuse holder B

J317	Terminal 30 voltage supply relay
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 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
SB9	Fuse 9 on fuse holder B
D183	Connection 4 (87a), in engine compartment wiring harness
D207	Connection 7 (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

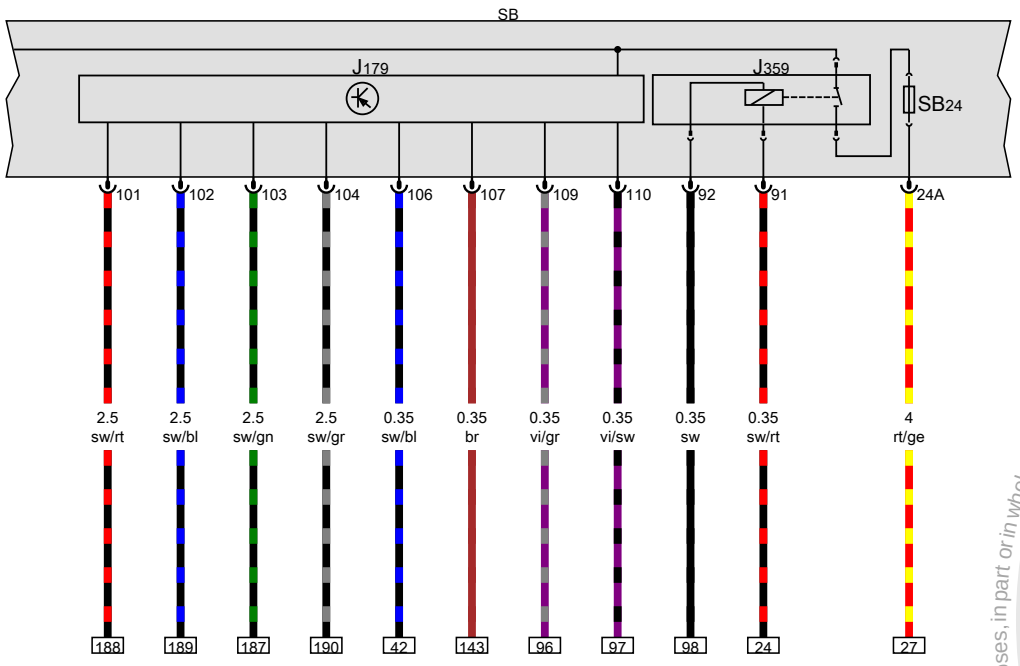


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Fuel delivery unit, Fuel pump control unit, Relay for reducing agent metering system, Dash panel insert, Fuse holder B, Fuse holder C

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J285	Control unit in dash panel insert
J538	Fuel pump control unit
J963	Relay for reducing agent metering system
KX2	Dash panel insert
SB	Fuse holder B
SC1	Fuse 1 on fuse holder C
SB10	Fuse 10 on fuse holder B
SC	Fuse holder C
SC20	Fuse 20 on fuse holder C
SC49	Fuse 49 on fuse holder C
T3ax	3-pin connector, black
T4bc	4-pin connector, black
T6ab	6-pin connector, black
T17h	17-pin connector, red
T17q	17-pin connector, red
T18b	18-pin connector, black
TIUR	Coupling point in interior, below right
78	Earth point, lower part of right B-pillar
284	Earth connection 6, in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness



Automatic glow period control unit, Low heat output relay, Fuse holder B

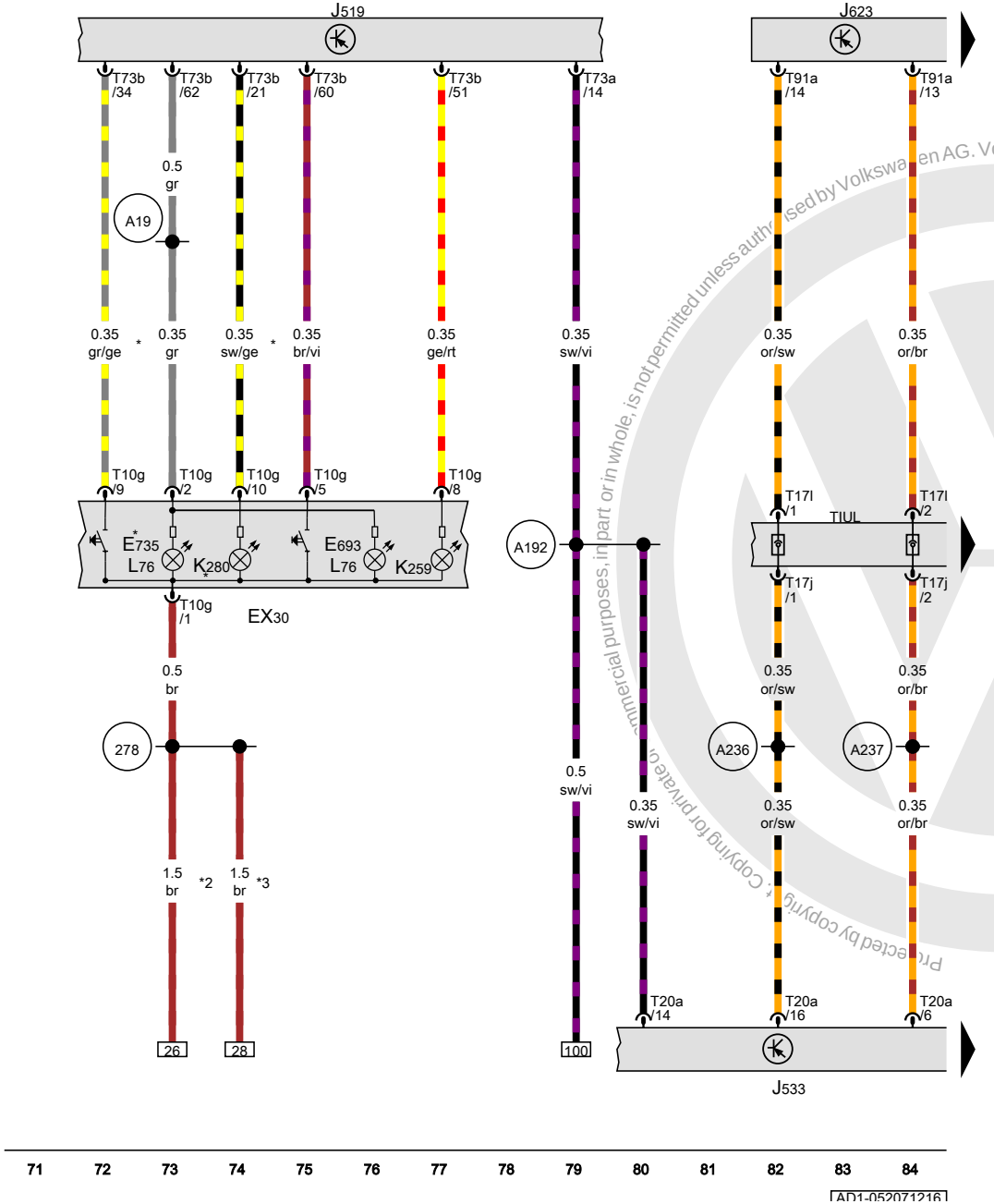
J179	Automatic glow period control unit
J359	Low heat output relay
SB	Fuse holder B
SB24	Fuse 24 on fuse holder B

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gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70

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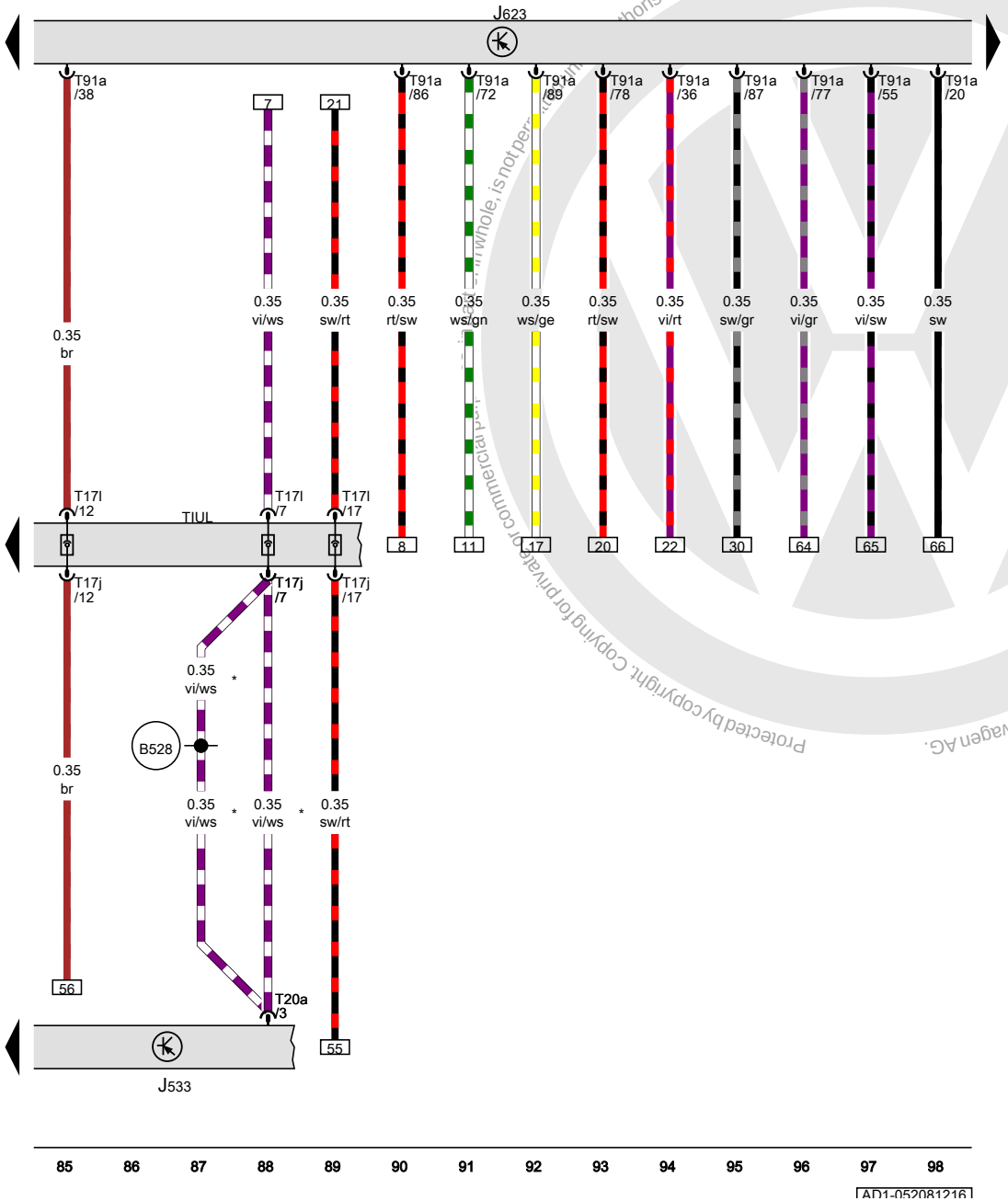


Switch module 2 in centre console, Onboard supply control unit, Data bus diagnostic interface, Engine control unit

EX30	Switch module 2 in centre console
E693	Start/Stop operation button
E735	Driving mode selection button
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J623	Engine control unit
K259	Start/Stop operation warning lamp
K280	Driving mode selection warning lamp
L76	Button illumination bulb
T10g	10-pin connector, red
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T20a	20-pin connector, red
T73a	73-pin connector, black
T73b	73-pin connector, black
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
278	Earth connection 4, in interior wiring harness
A19	Connection (58d), in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
*	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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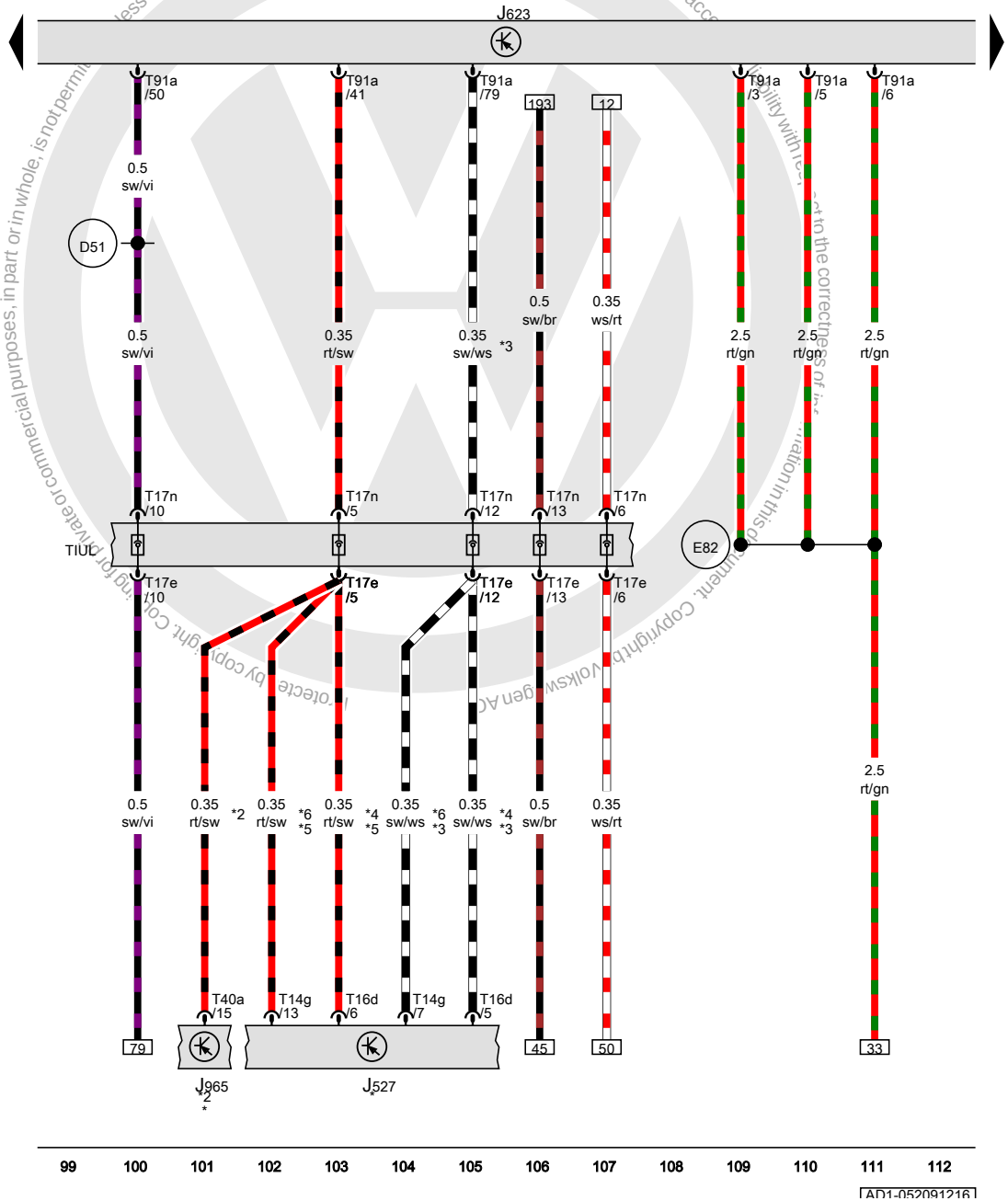


Data bus diagnostic interface, Engine control unit

J533	Data bus diagnostic interface
J623	Engine control unit
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T20a	20-pin connector, red
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
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
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

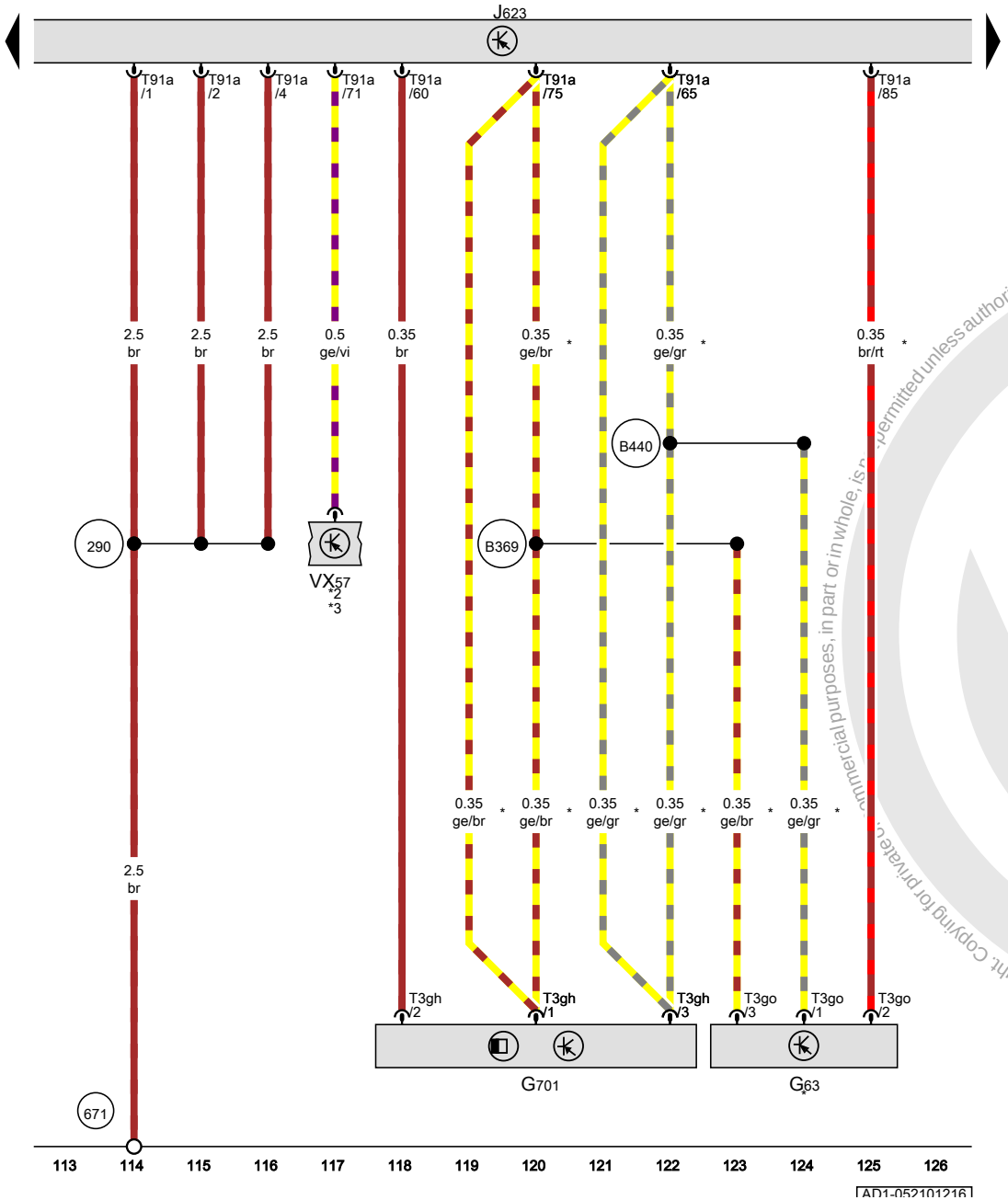
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Steering column electronics control unit, Engine control unit, Interface for entry and start system

J527	Steering column electronics control unit
J623	Engine control unit
J965	Interface for entry and start system
T14g	14-pin connector, black
T16d	16-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T40a	40-pin connector, black
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
D51	Positive connection 1 (15), in engine compartment wiring harness
E82	Connection 6 (87a) in engine wiring harness
*	see applicable current flow diagram
*2	Only models with entry and start authorisation
*3	Only models with cruise control system
*4	Only models with no heated steering wheel
*5	Only models with no entry and start authorisation
*6	Only models with heated steering wheel

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

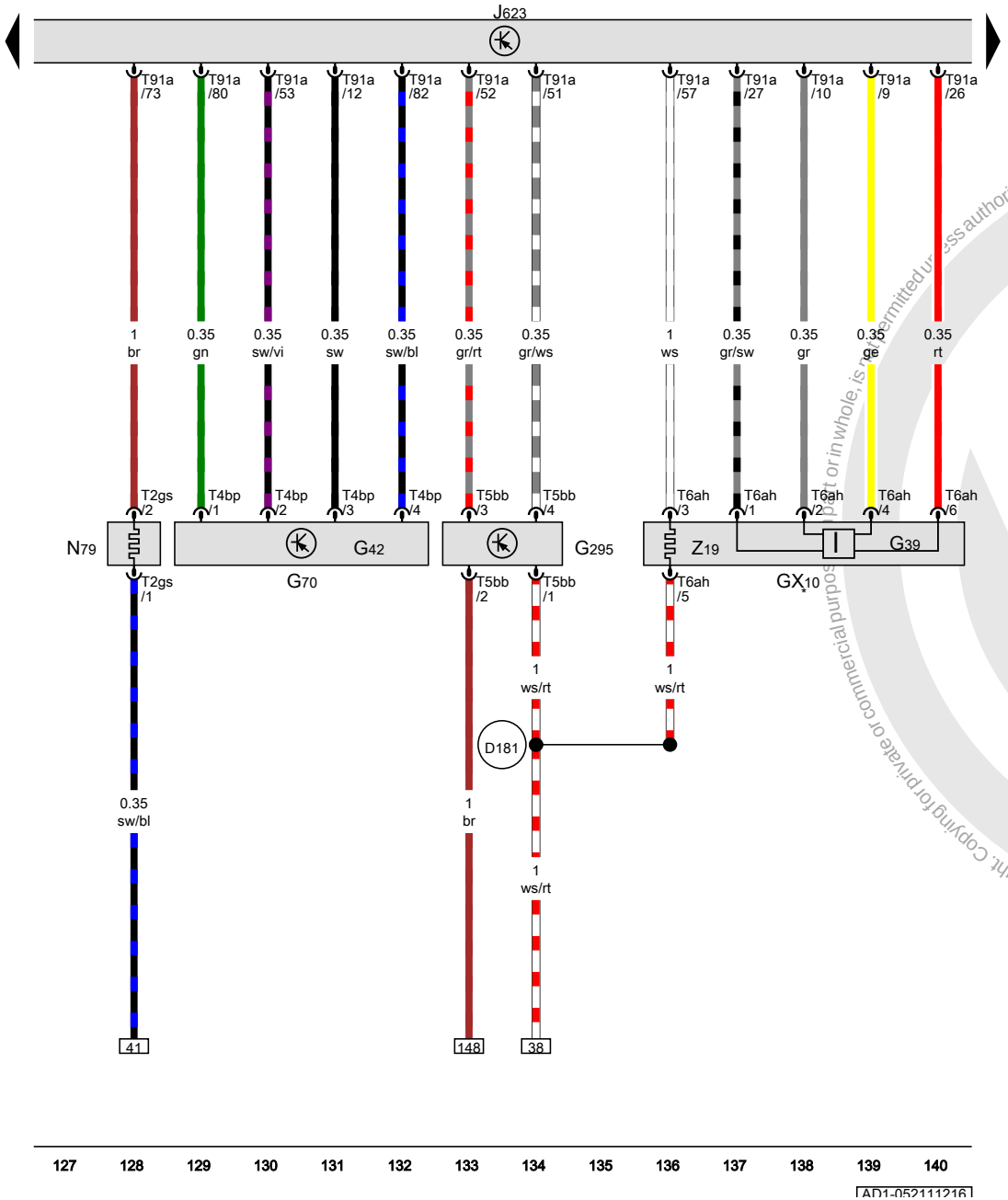


Water separator sender, Gearbox neutral position sender, Engine control unit, Radiator fan

G63	Water separator sender
G701	Gearbox neutral position sender
J623	Engine control unit
T3gh	3-pin connector, black
T3go	3-pin connector, black
T91a	91-pin connector, black
VX57	Radiator fan
290	Earth connection 1, in second battery wiring harness
671	Earth point 1, on front of left longitudinal member
B369	Connection 1 (5V), in main wiring harness
B440	Connection 4 (GND (earth)), in main wiring harness
*	According to equipment
*2	Pre-wired component
*3	see applicable current flow diagram for radiator fan

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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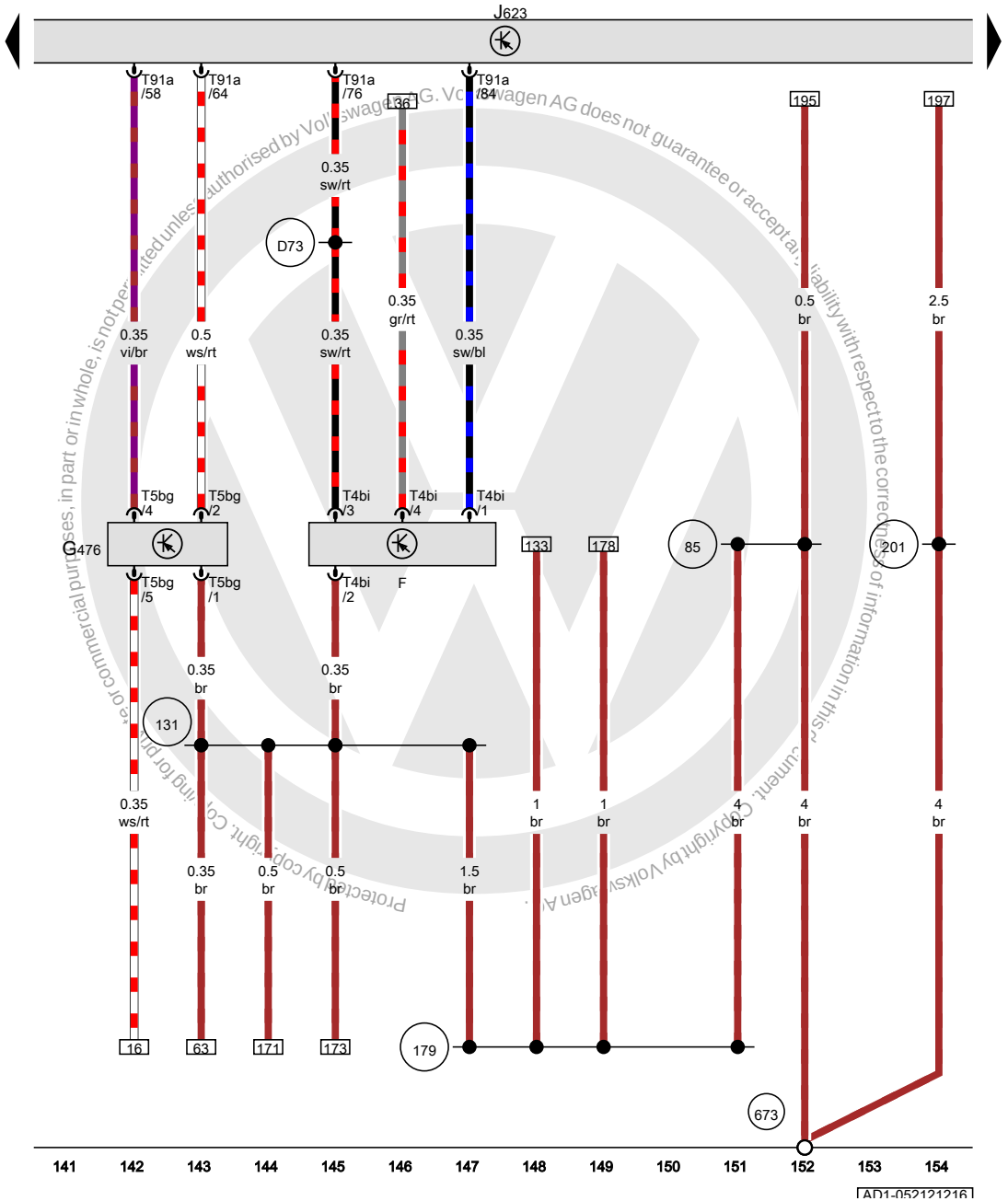


Lambda probe 1 before catalytic converter, Air mass meter, NOx sender, Engine control unit, Heater element for crankcase breather

GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G42	Intake air temperature sender
G70	Air mass meter
G295	NOx sender
J623	Engine control unit
N79	Heater element for crankcase breather
T2gs	2-pin connector, black
T4bp	4-pin connector, black
T5bb	5-pin connector, black
T6ah	6-pin connector, black
T91a	91-pin connector, black
Z19	Lambda probe heater
D181	Connection 2 (87a), in engine compartment wiring harness
*	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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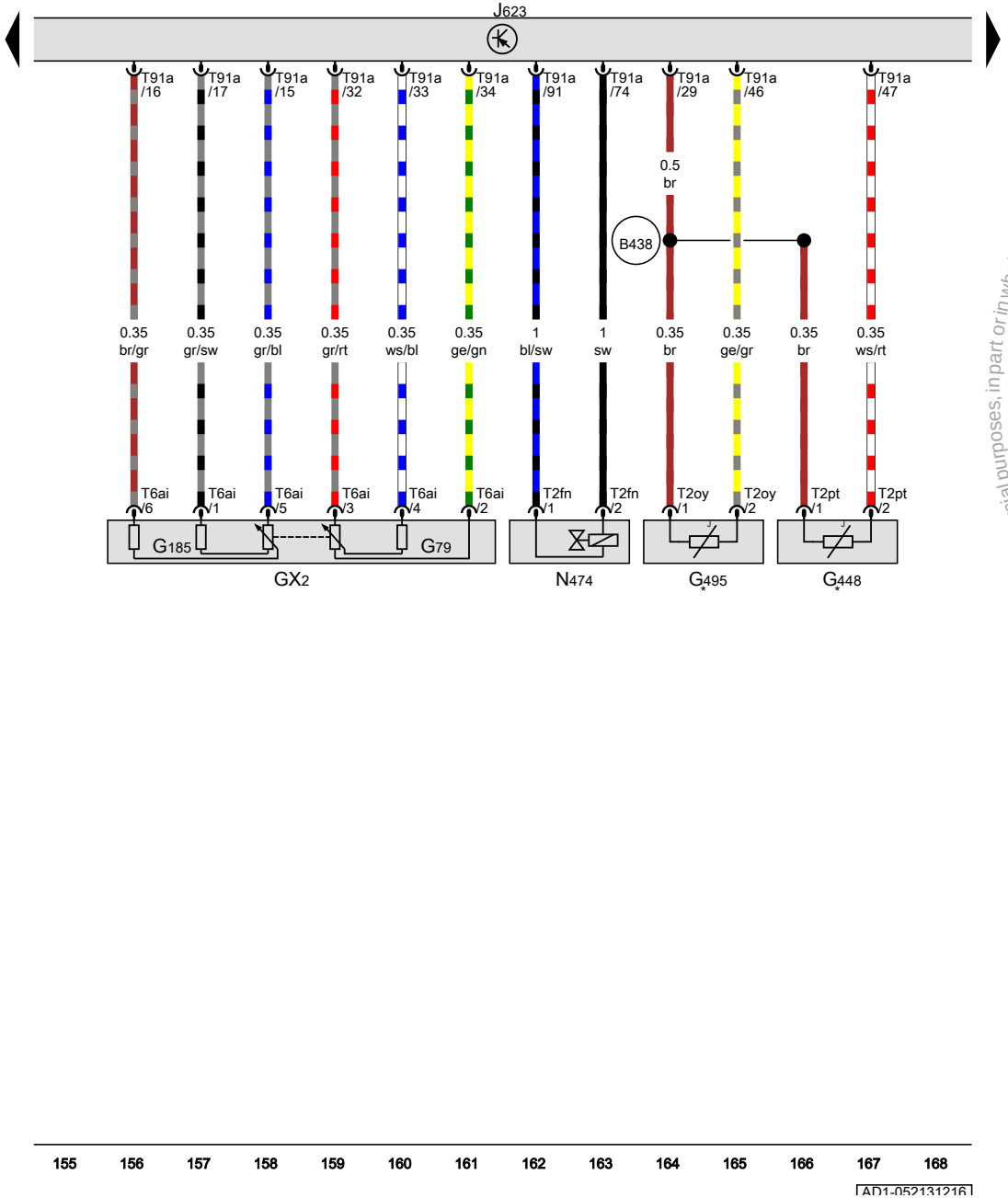
Brake light switch, Clutch position sender, Engine control unit

F	Brake light switch
G476	Clutch position sender
J623	Engine control unit
T4bi	4-pin connector, black
T5bg	5-pin connector, black
T91a	91-pin connector, black

85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
201	Earth connection 5, in engine compartment wiring harness
673	Earth point 3, on front of left longitudinal member
D73	Positive connection (54), in engine compartment wiring harness

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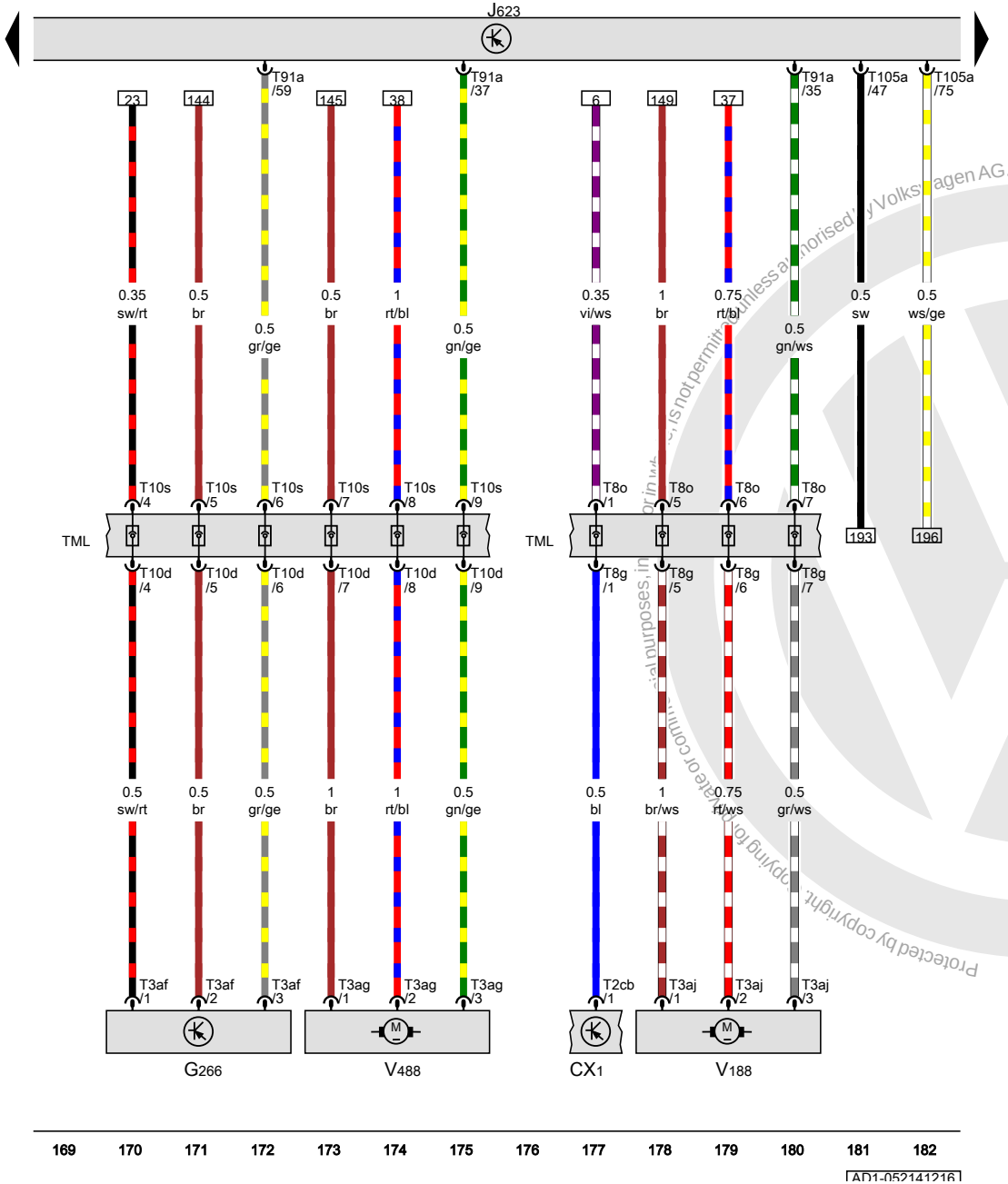


Accelerator pedal module, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Engine control unit, Injector for reducing agent

GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
J623	Engine control unit
N474	Injector for reducing agent
T2fn	2-pin connector, brown
T2oy	2-pin connector, brown
T2pt	2-pin connector, black
T6ai	6-pin connector, black
T91a	91-pin connector, black
B438	Connection 2 (GND (earth)), in main wiring harness
*	Pre-wired component

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ro	=	red
rt	=	red
br	=	brown
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ge	=	yellow
or	=	orange
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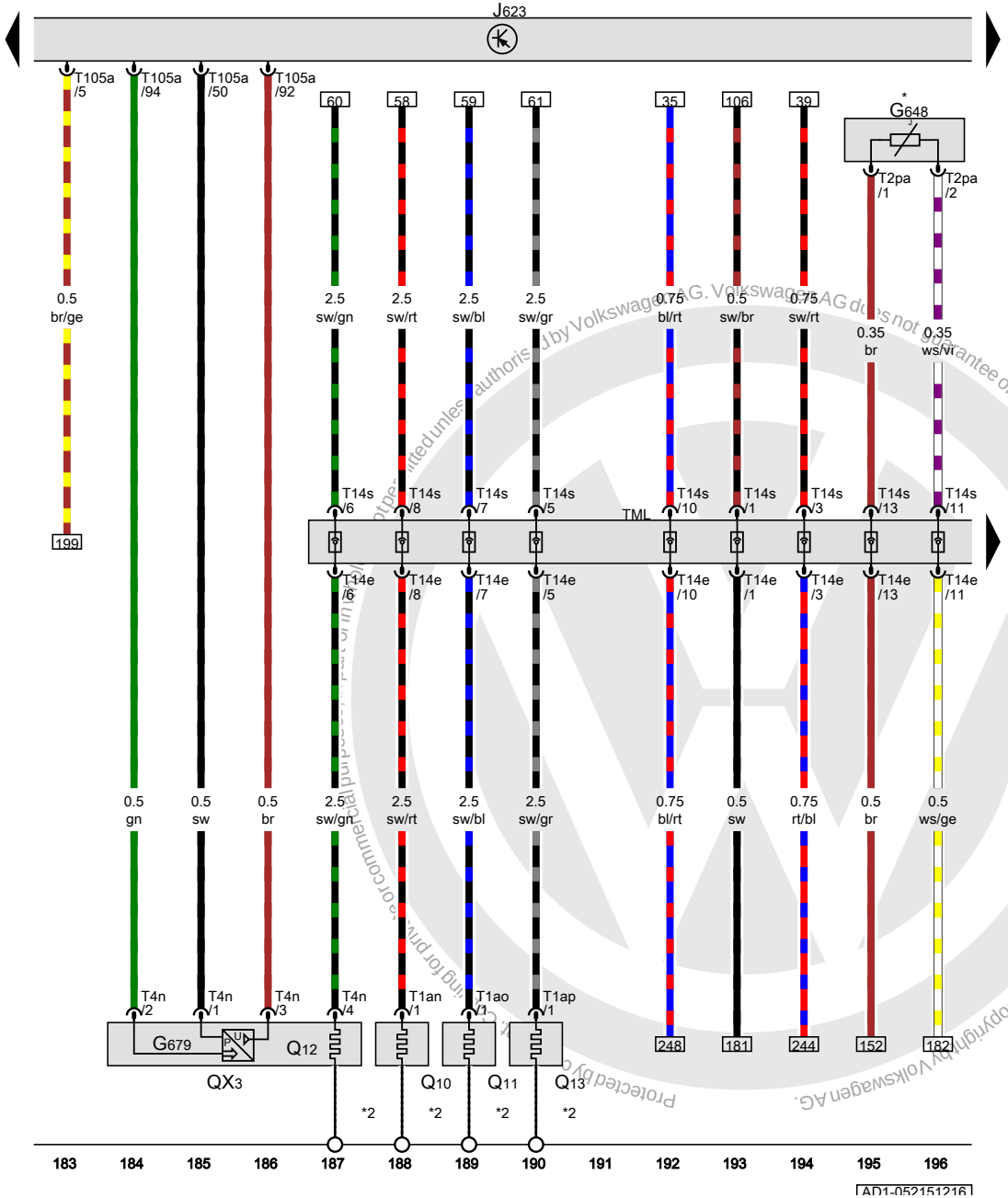


Alternator with voltage regulator, Oil level and oil temperature sender, Engine control unit, Charge air cooling pump, Auxiliary pump for heating

CX1	Alternator with voltage regulator
G266	Oil level and oil temperature sender
J623	Engine control unit
T2cb	2-pin connector, black
T3af	3-pin connector, black
T3ag	3-pin connector, black
T3aj	3-pin connector, black
T8g	8-pin connector, black
T8o	8-pin connector, black
T10d	10-pin connector, black
T10s	10-pin connector, black
T91a	91-pin connector, black
T105a	105-pin connector, black
TML	Coupling point in engine compartment, left
V188	Charge air cooling pump
V488	Auxiliary pump for heating

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

Exhaust gas temperature sender 4, Engine control unit, Glow plug 3, Glow plug 1, Glow plug 2, Glow plug 4

G648	Exhaust gas temperature sender 4
G679	Cylinder 3 combustion chamber pressure sender
J623	Engine control unit
QX3	Glow plug 3
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T1an	1-pin connector, black
T1ao	1-pin connector, black
T1ap	1-pin connector, black
T2pa	2-pin connector, colourless
T4n	4-pin connector, black
T14e	14-pin connector, grey
T14s	14-pin connector, grey
T105a	105-pin connector, black
TML	Coupling point in engine compartment, left
*	Pre-wired component
*2	Earth supply via housing

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Delivery unit for reducing agent metering system, Engine control unit, Charge pressure control solenoid valve

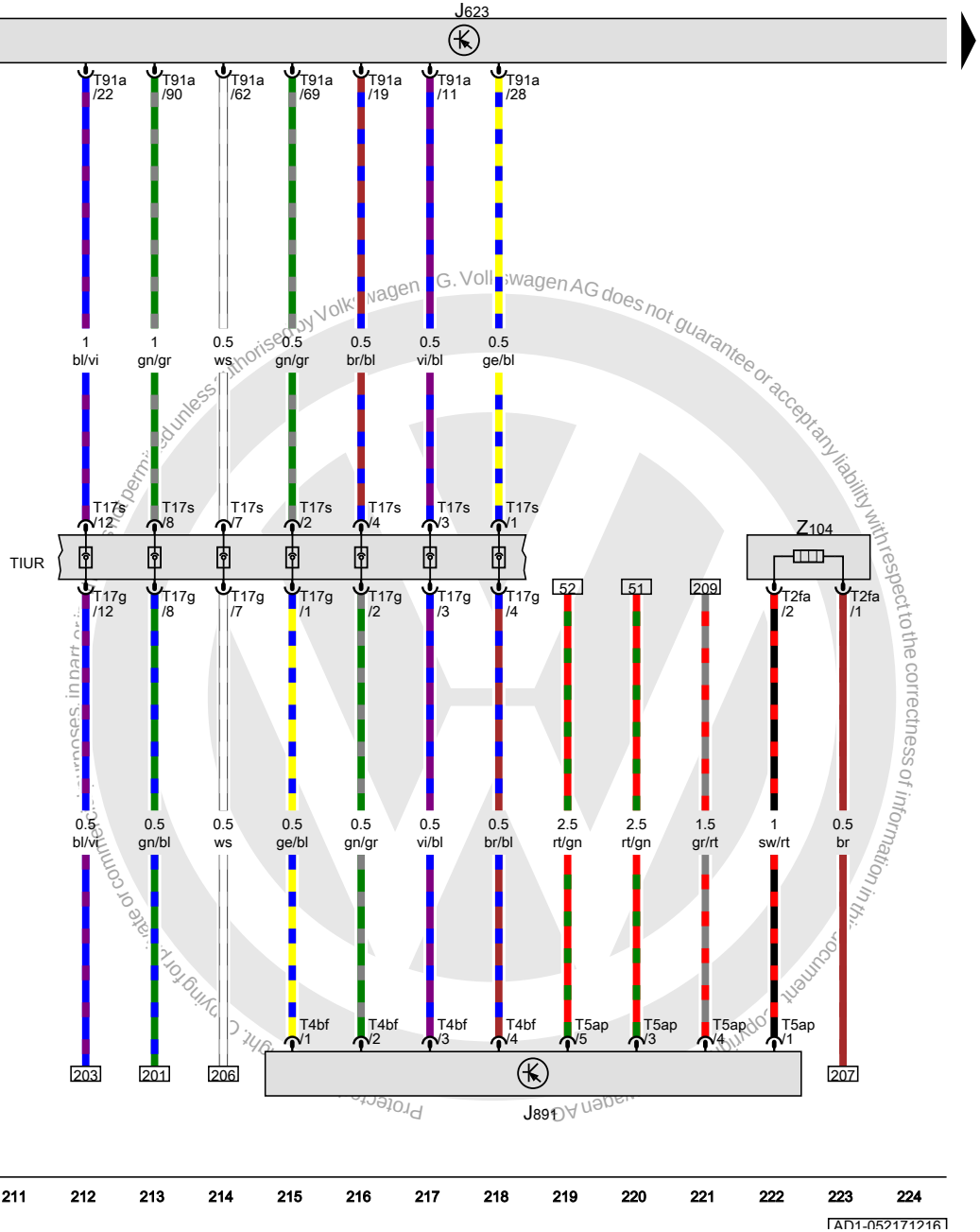
GX19	Delivery unit for reducing agent metering system
G685	Temperature sender for reducing agent
G697	Reducing agent level sender
G849	Reducing agent quality sensor
J623	Engine control unit
N75	Charge pressure control solenoid valve
T2oo	2-pin connector, black
T4bd	4-pin connector, black
T5an	5-pin connector, black
T14e	14-pin connector, grey
T14s	14-pin connector, grey
TML	Coupling point in engine compartment, left
V437	Pump for reducing agent
V561	Reducing agent return flow pump
Z102	Heater for reducing agent tank (heater circuit 1)
480	Earth connection, in fuel tank wiring harness
730	Earth point 1, on right rear wheel housing
B516	Positive connection 5 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Engine control unit, Control unit for reducing agent heater, Heater for reducing agent line (heater circuit 2)

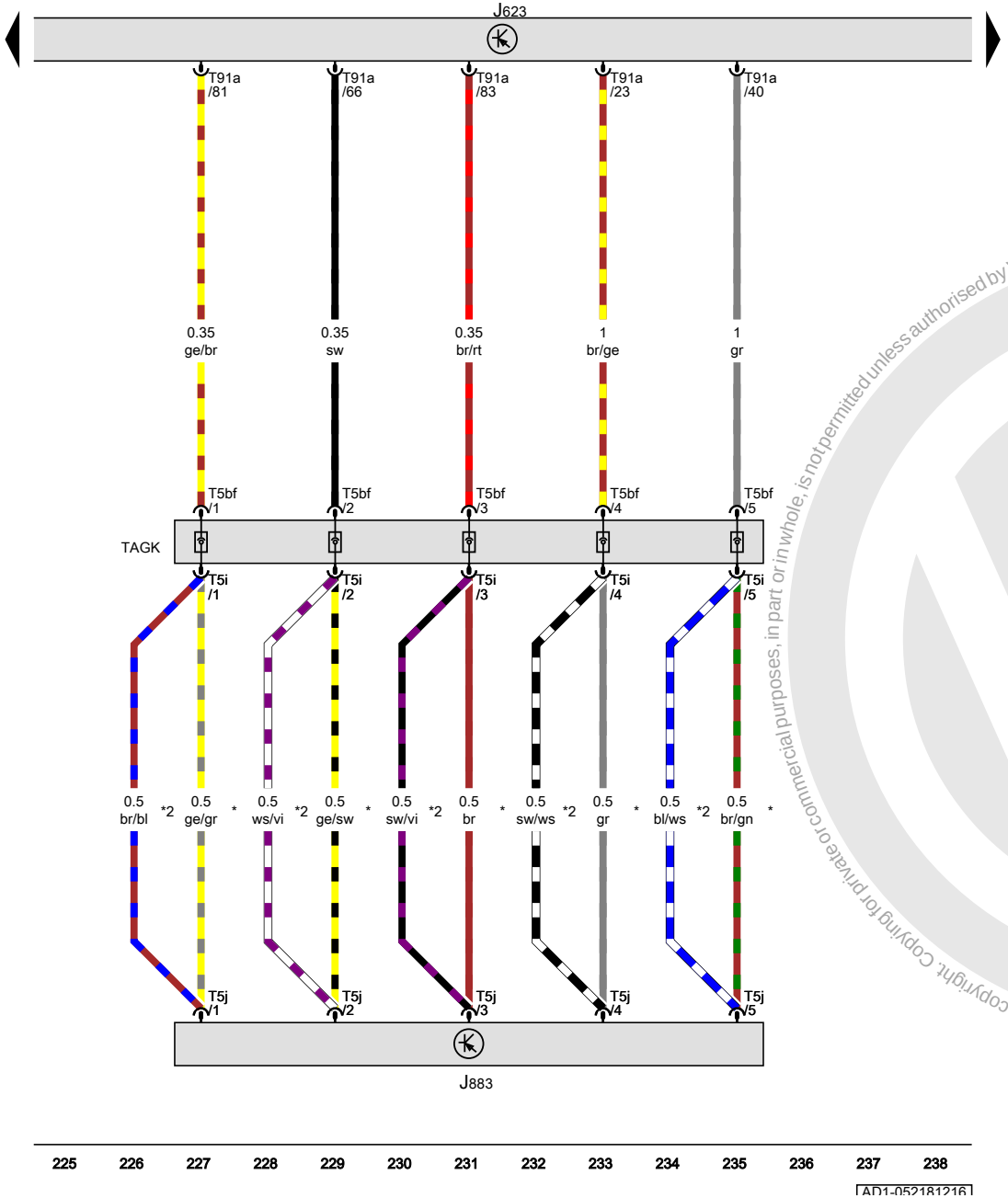
J623	Engine control unit
J891	Control unit for reducing agent heater
T2fa	2-pin connector, black
T4bf	4-pin connector, black
T5ap	5-pin connector, colourless
T17g	17-pin connector, brown
T17s	17-pin connector, brown
T91a	91-pin connector, black
TIUR	Coupling point in interior, below right
Z104	Heater for reducing agent line (heater circuit 2)



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br	=	brown
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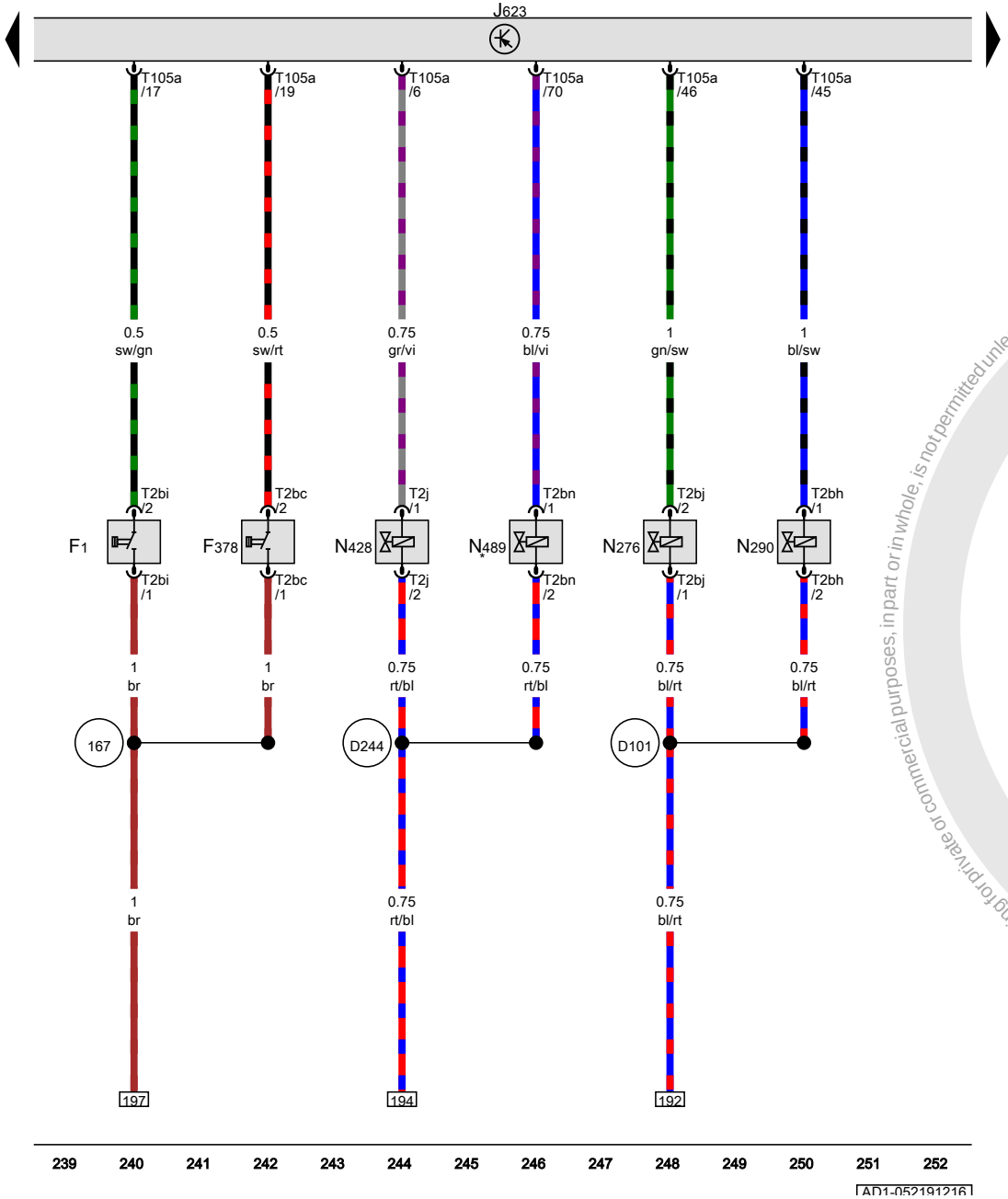
Engine control unit, Exhaust flap control unit

J623	Engine control unit
J883	Exhaust flap control unit
T5bf	5-pin connector, brown
T5i	5-pin connector, dark brown
T5j	5-pin connector, black
T91a	91-pin connector, black
TAGK	Coupling point for exhaust flap control unit
*	Up to November 2016
*2	From November 2016



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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
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Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Valve for oil pressure control, Coolant valve for cylinder head

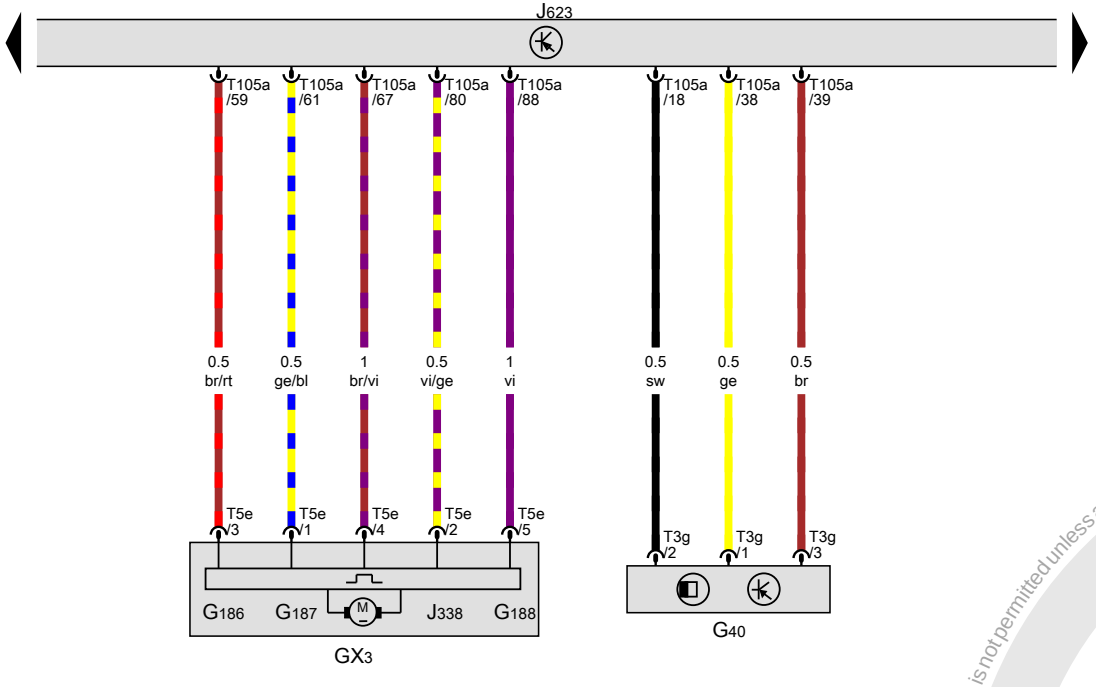
F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T2bc	2-pin connector, black
T2bh	2-pin connector, black
T2bi	2-pin connector, red
T2bj	2-pin connector, black
T2bn	2-pin connector, brown
T2j	2-pin connector, black
T105a	105-pin connector, black
167	Earth connection 4, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D244	Connection 5 (87a) in engine prewiring harness
*	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Throttle valve module, Hall sender, Engine control unit

GX3	Throttle valve module
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
J338	Throttle valve module
J623	Engine control unit
T3g	3-pin connector, black
T5e	5-pin connector, black
T105a	105-pin connector, black



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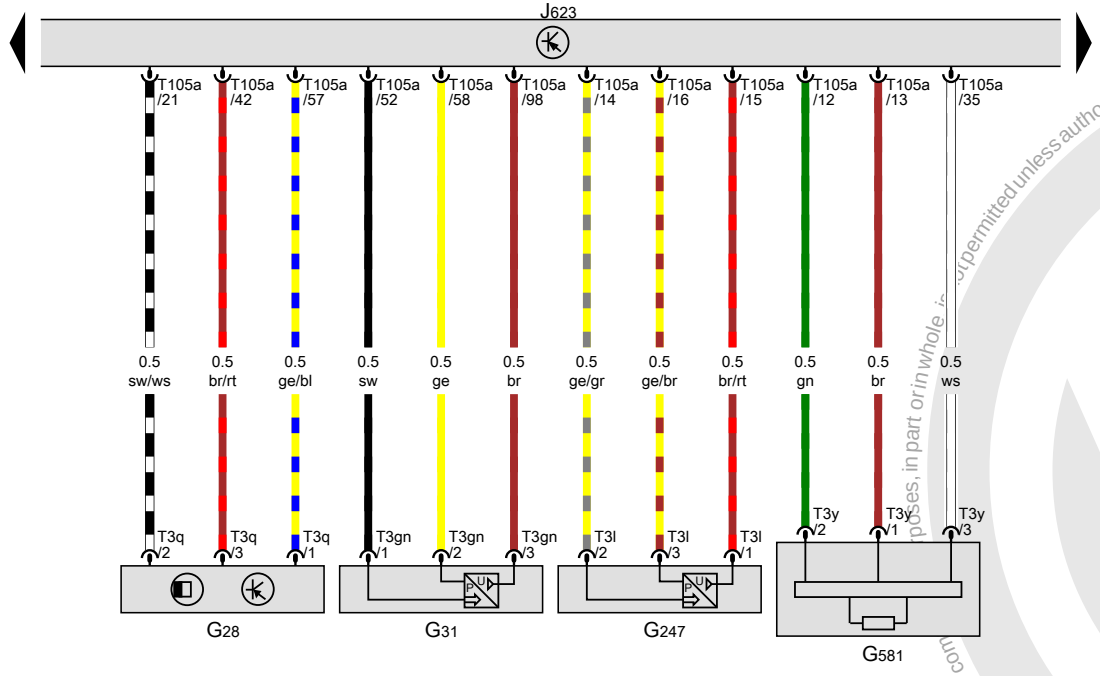
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ge	=	yellow
or	=	orange
rs	=	pink

Engine speed sender, Charge pressure sender, Fuel pressure sender, Position sender for charge pressure positioner, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G247	Fuel pressure sender
G581	Position sender for charge pressure positioner
J623	Engine control unit
T3gn	3-pin connector, black
T3l	3-pin connector, black
T3q	3-pin connector, black
T3y	3-pin connector, brown
T105a	105-pin connector, black

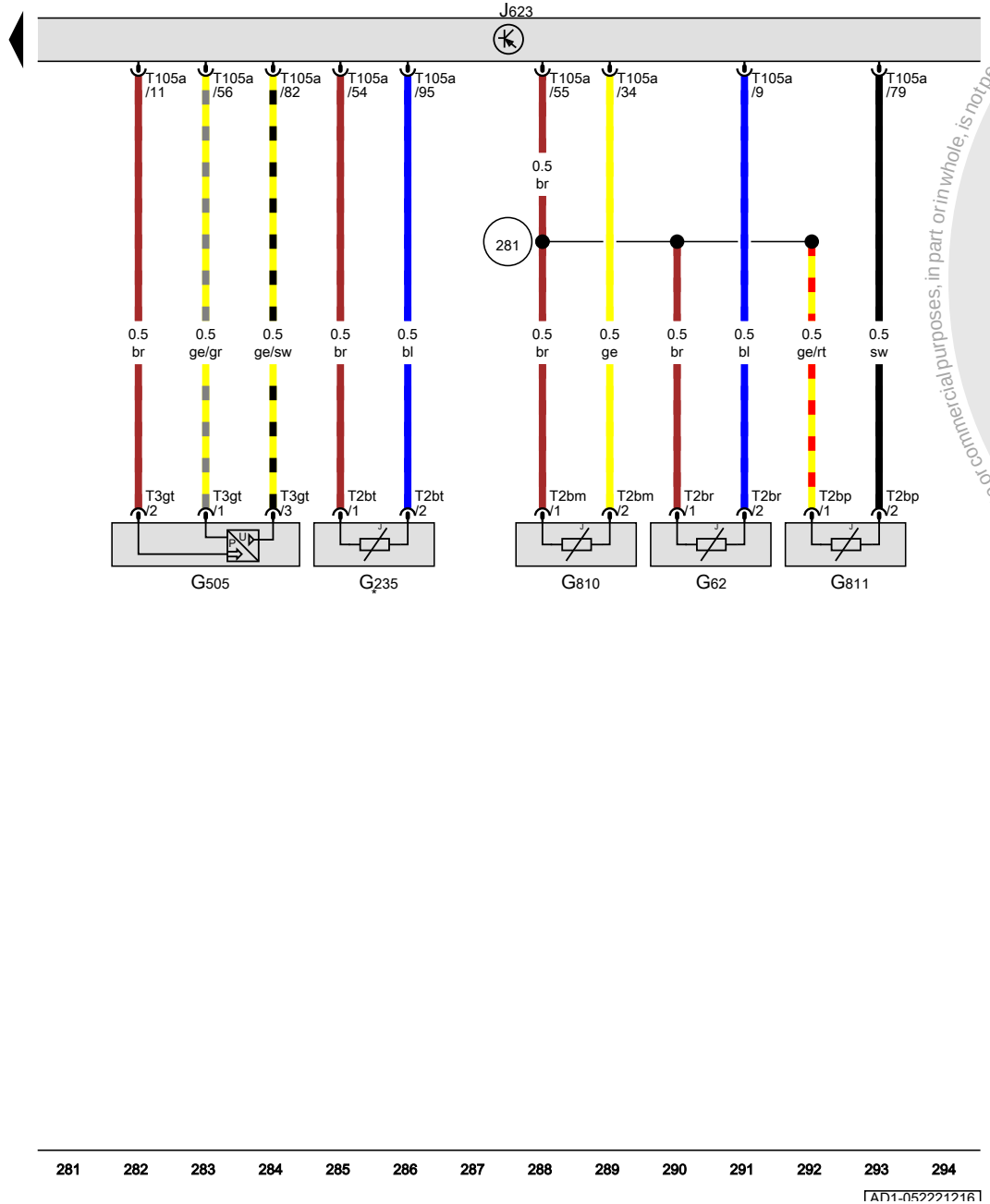


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ge	=	yellow
or	=	orange
rs	=	pink



Coolant temperature sender, Exhaust gas temperature sender 1, Pressure differential sender, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Engine control unit

G62	Coolant temperature sender
G235	Exhaust gas temperature sender 1
G505	Pressure differential sender
G810	Charge air temperature sender before charge air cooler
G811	Charge air temperature sender after charge air cooler
J623	Engine control unit
T2bm	2-pin connector, black
T2bp	2-pin connector, black
T2br	2-pin connector, black
T2bt	2-pin connector, black
T3gt	3-pin connector, black
T105a	105-pin connector, black
281	Earth point 1, engine prewiring harness
*	Pre-wired component

281 282 283 284 285 286 287 288 289 290 291 292 293 294

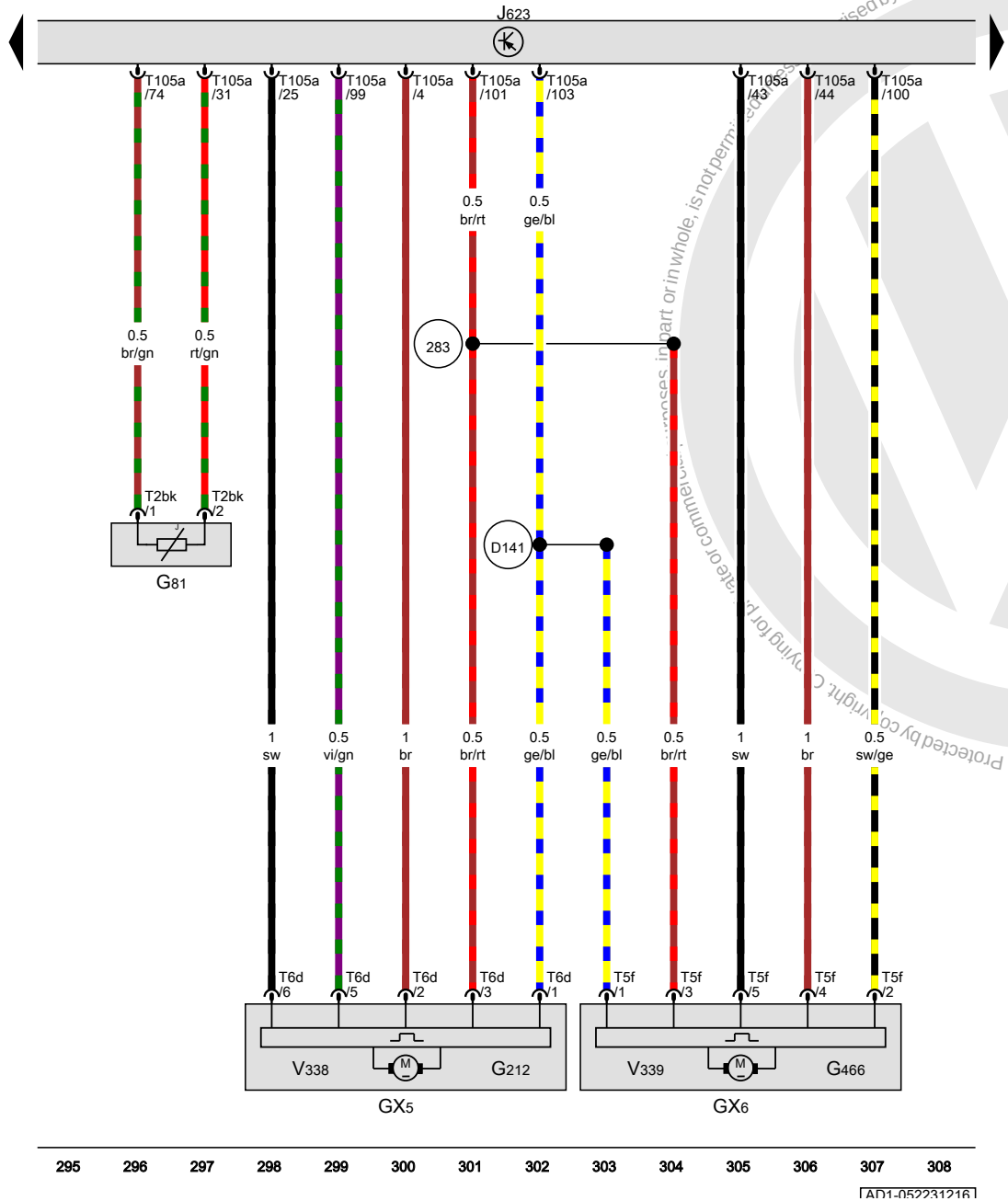
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or	=	orange
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Exhaust gas recirculation valve 1, Exhaust gas recirculation valve 2, Fuel temperature sender, Engine control unit

GX5	Exhaust gas recirculation valve 1
GX6	Exhaust gas recirculation valve 2
G81	Fuel temperature sender
G212	Exhaust gas recirculation potentiometer
G466	Exhaust gas recirculation potentiometer 2
J623	Engine control unit
T2bk	2-pin connector, black
T5f	5-pin connector, black
T6d	6-pin connector, grey
T105a	105-pin connector, black
V338	Exhaust gas recirculation control motor
V339	Exhaust gas recirculation control motor 2
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

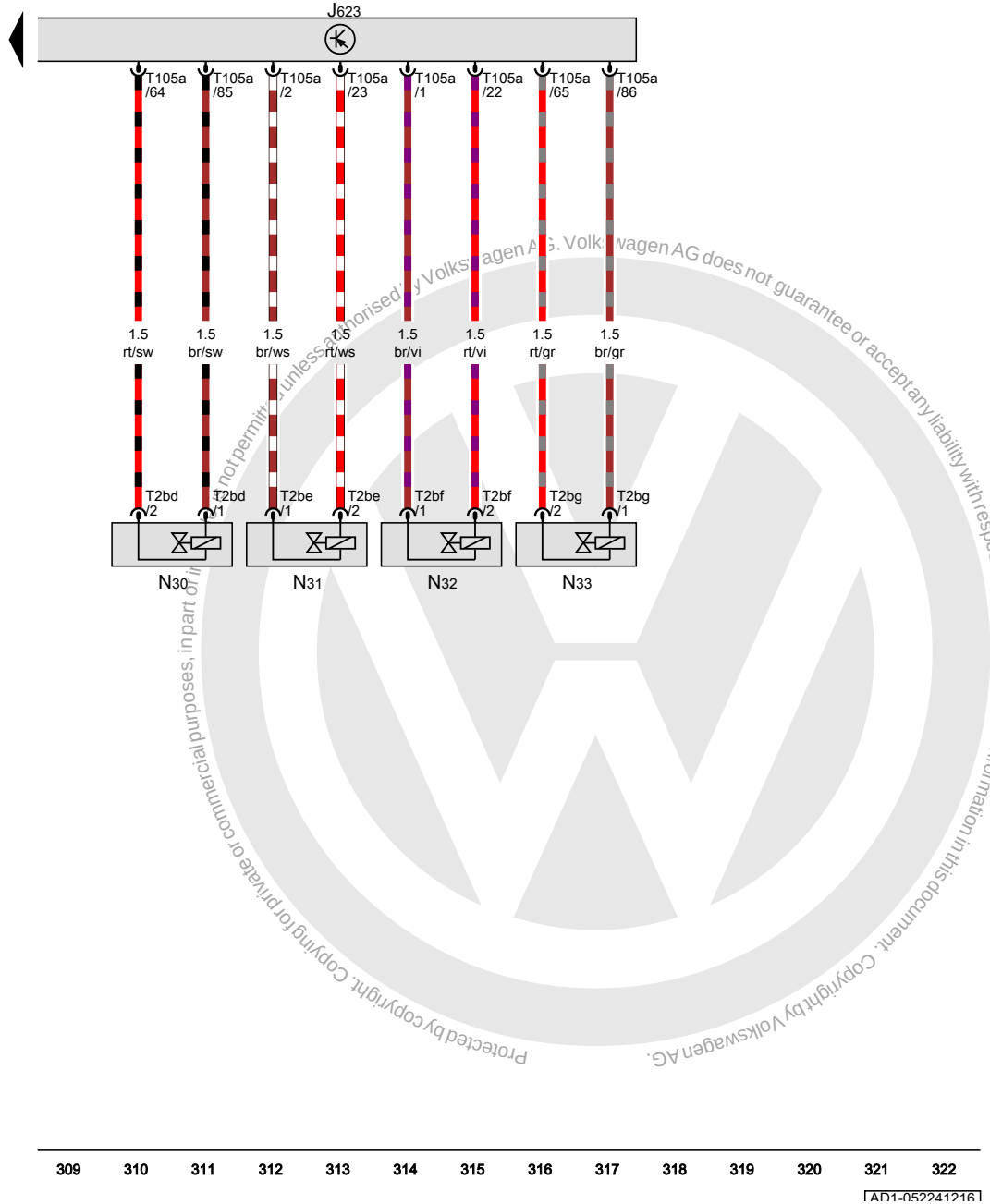


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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2bd	2-pin connector, black
T2be	2-pin connector, black
T2bf	2-pin connector, black
T2bg	2-pin connector, black
T105a	105-pin connector, black



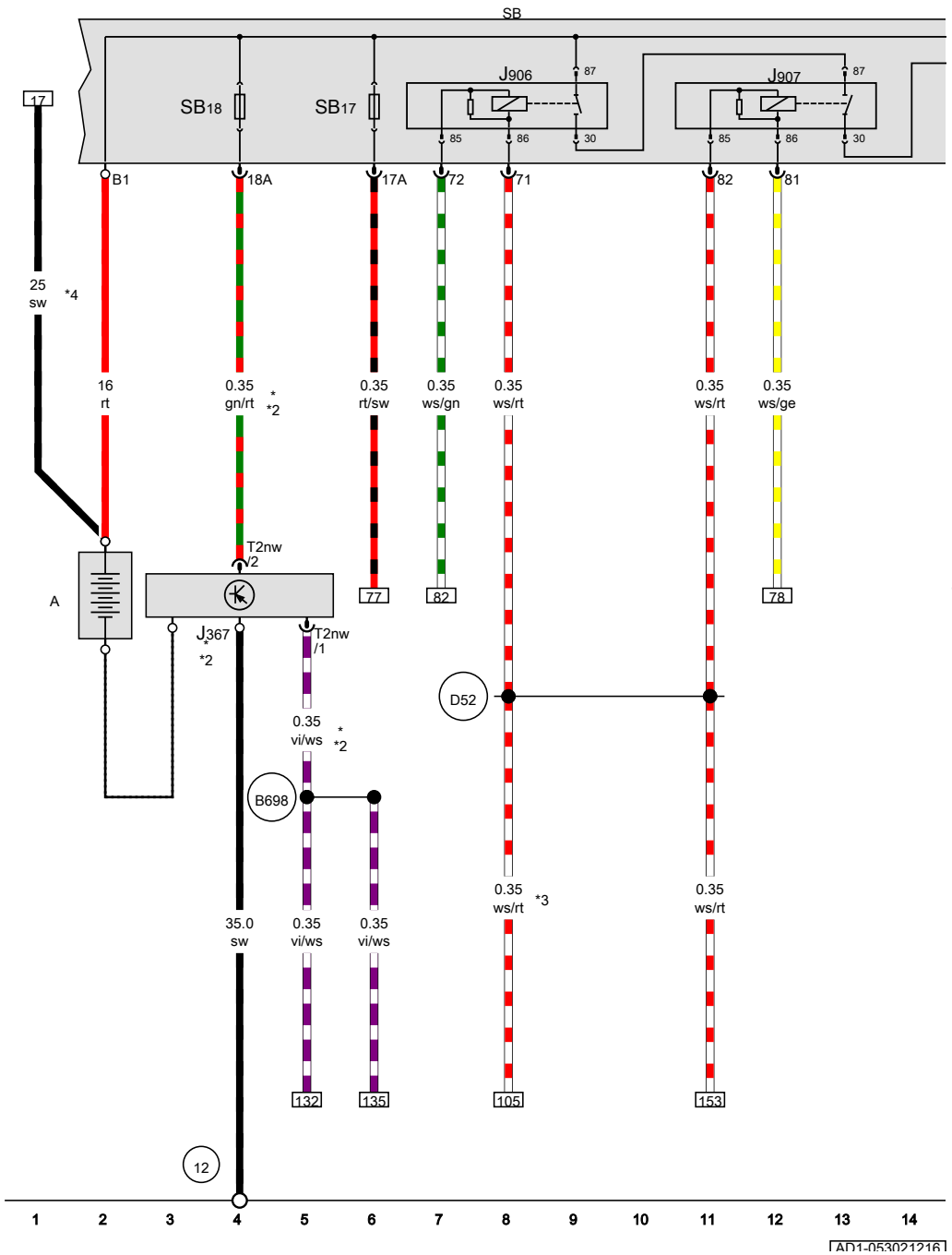
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2.0l diesel engine , CRFD,CRGB,CYKC,DBGA,DBGC

From May 2016

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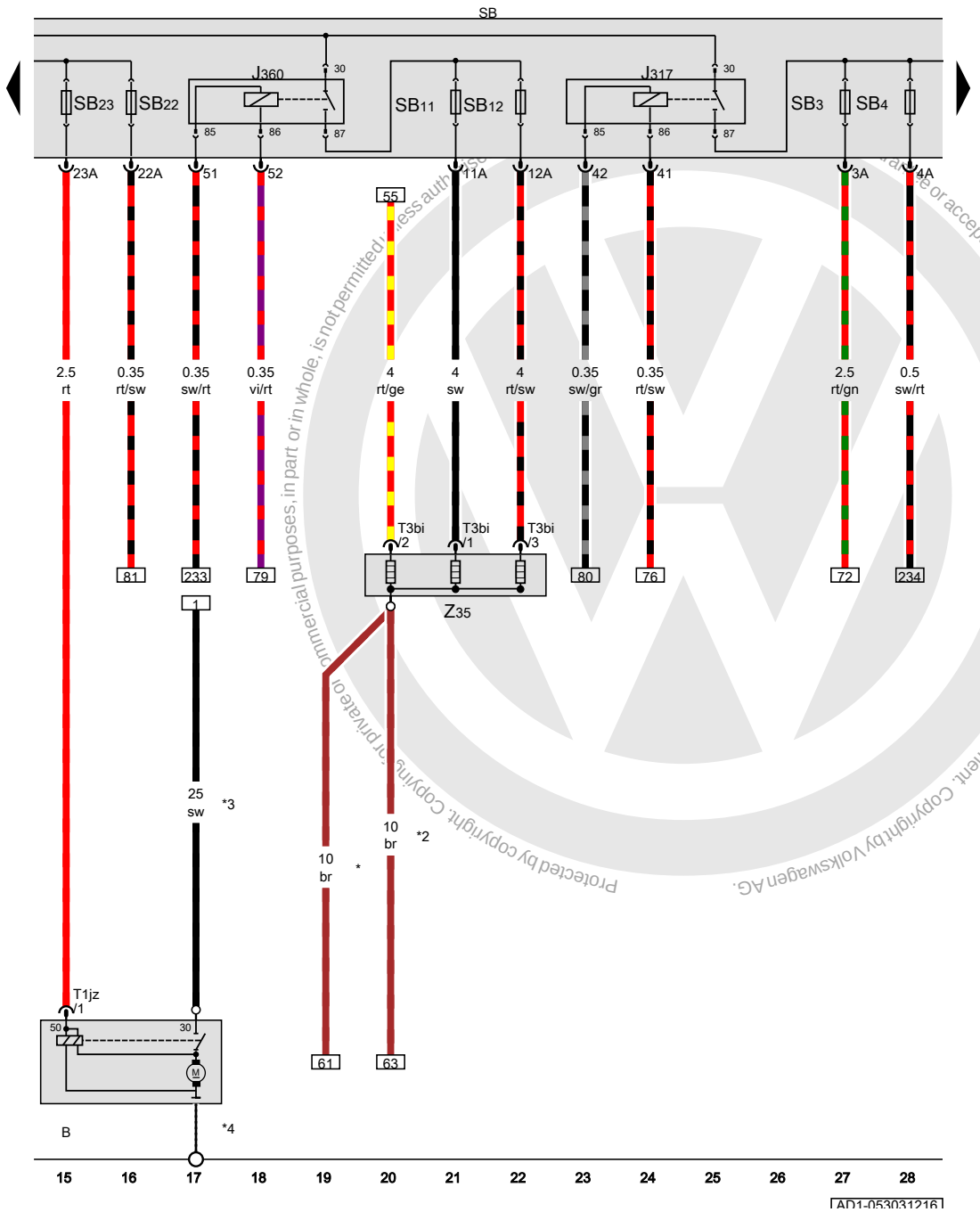


Battery, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B

A	Battery
J367	Battery monitor control unit, on earth cable battery clamp
J906	Starter relay 1
J907	Starter relay 2
SB	Fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
T2nw	2-pin connector, black
12	Earth point, on left in engine compartment
B698	Connection 3 (LIN bus) in main wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
*	Only models with auxiliary coolant heater
*2	Only models with start/stop system
*3	Only models with manual gearbox
*4	Cross-section 35.0 possible

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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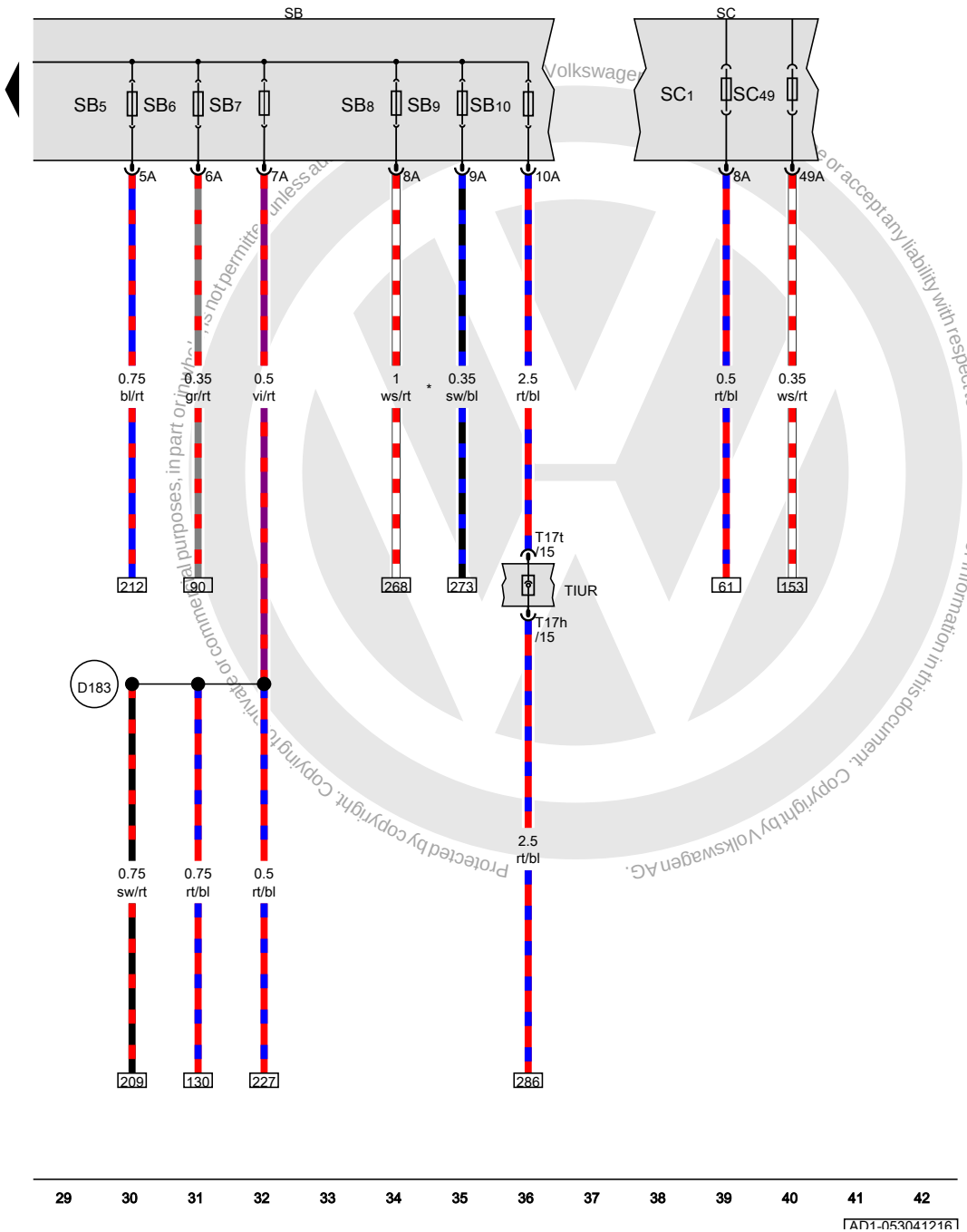


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Starter, Terminal 30 voltage supply relay, High heat output relay, Fuse holder B, Auxiliary air heater element

B	Starter
J317	Terminal 30 voltage supply relay
J360	High heat output relay
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
T1jz	1-pin connector, black
T3bi	3-pin connector, black
Z35	Auxiliary air heater element
*	Only left-hand drive models
*2	Only right-hand drive models
*3	Cross-section 35.0 possible
*4	Earth supply via housing

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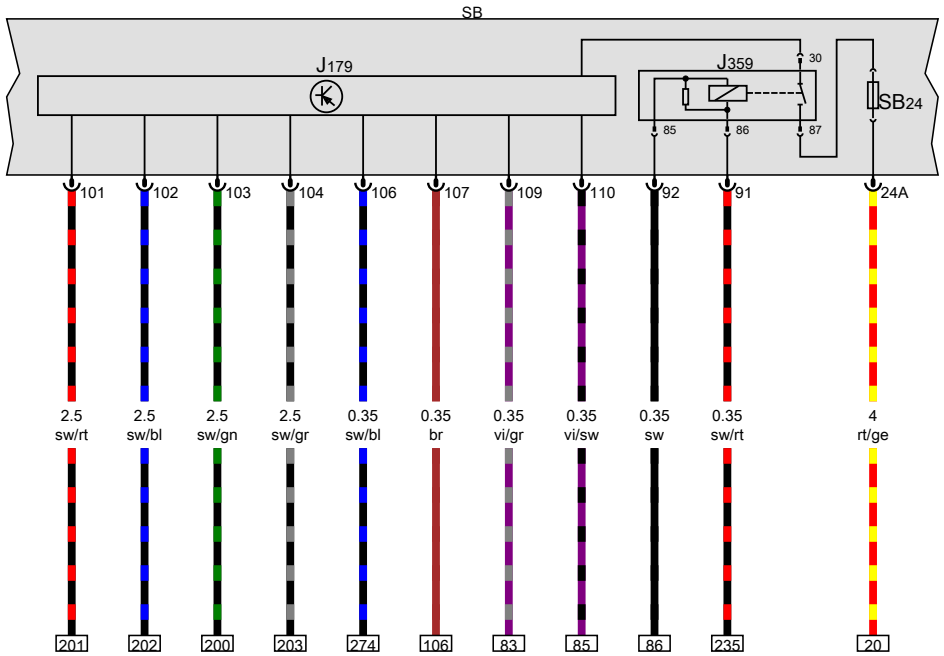


Fuse holder B, Fuse holder C

SB	Fuse holder B
SC1	Fuse 1 on fuse holder C
SB5	Fuse 5 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
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SC	Fuse holder C
SC49	Fuse 49 on fuse holder C
T17h	17-pin connector, red
T17t	17-pin connector, red
TIUR	Coupling point in interior, below right
D183	Connection 4 (87a), in engine compartment wiring harness
*	Only models with Euro 5 plus emission standard

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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rs	=	pink

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Automatic glow period control unit, Low heat output relay, Fuse holder B

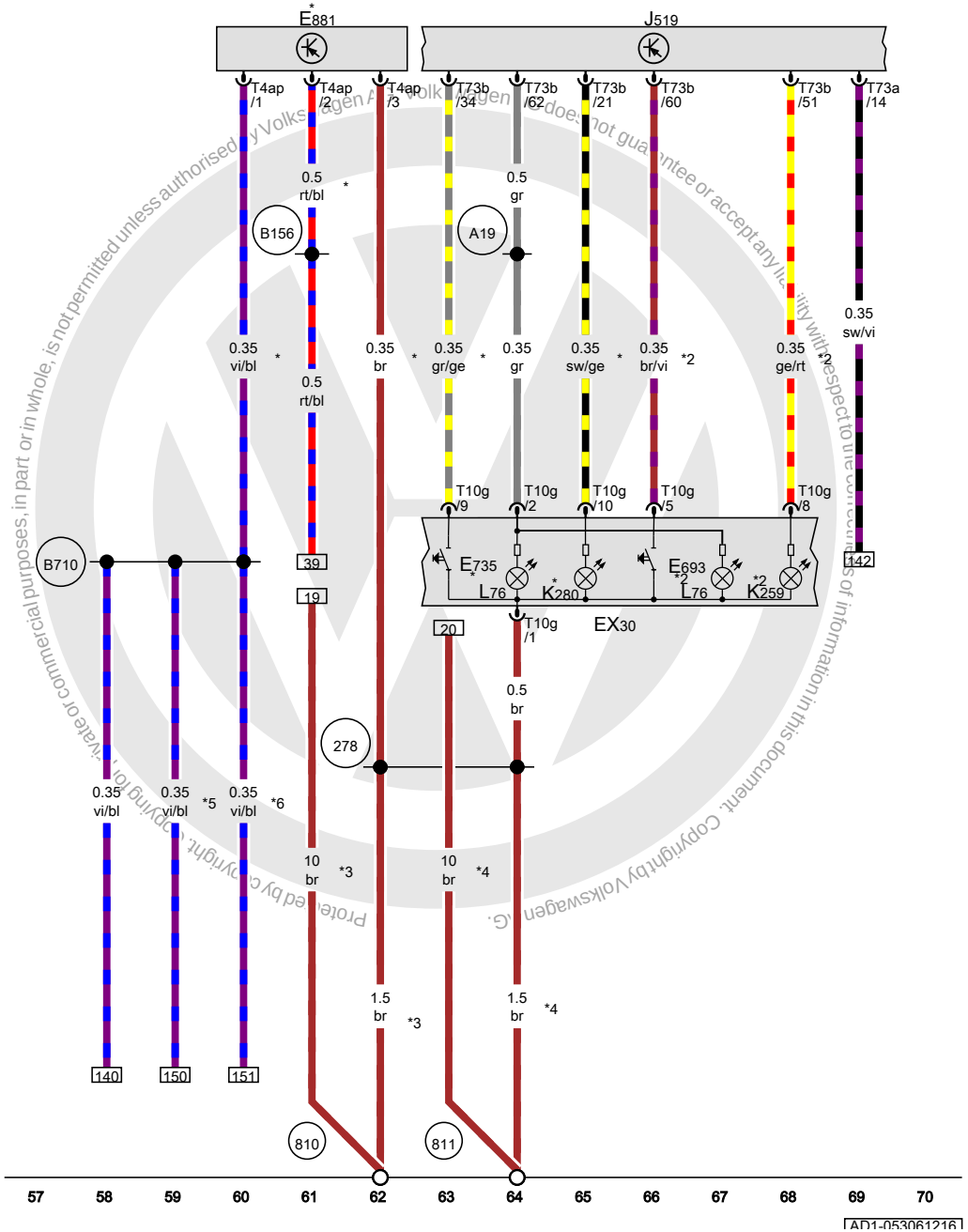
J179	Automatic glow period control unit
J359	Low heat output relay
SB	Fuse holder B
SB24	Fuse 24 on fuse holder B

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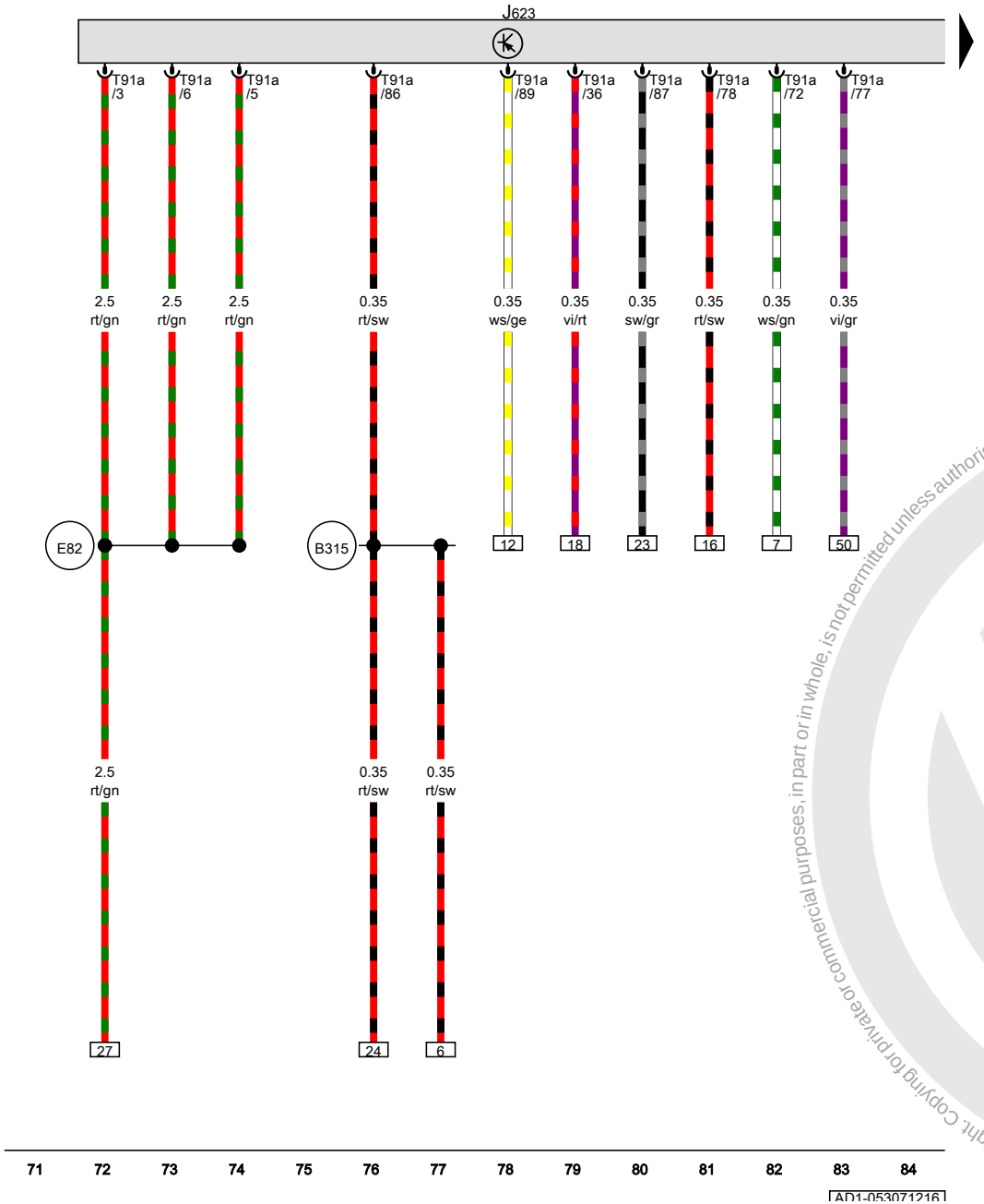


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Switch module 2 in centre console, Operating unit for driving mode selection, Onboard supply control unit

EX30	Switch module 2 in centre console
E693	Start/Stop operation button
E735	Driving mode selection button
E881	Operating unit for driving mode selection
J519	Onboard supply control unit
K259	Start/Stop operation warning lamp
K280	Driving mode selection warning lamp
L76	Button illumination bulb
T4ap	4-pin connector, black
T10g	10-pin connector, red
T73a	73-pin connector, black
T73b	73-pin connector, black
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A19	Connection (58d), in dash panel wiring harness
B156	Positive connection (30a), in interior wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
*	According to equipment
*2	Only models with start/stop system
*3	Only left-hand drive models
*4	Only right-hand drive models
*5	Only models with no heated steering wheel
*6	Only models with heated steering wheel



Engine control unit

J623 Engine control unit
T91a 91-pin connector, black

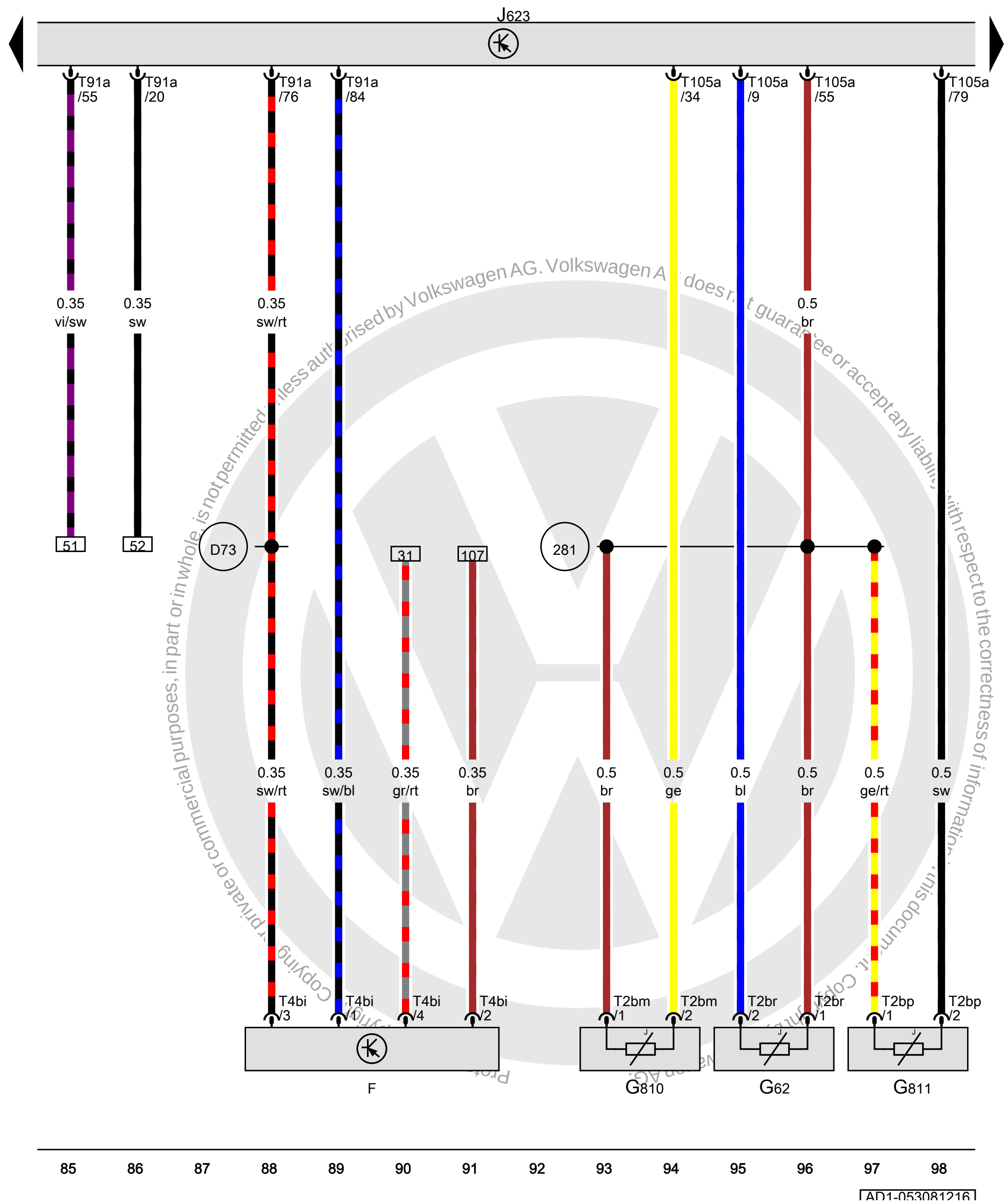
B315 Positive connection 1 (30a) in main wiring harness

E82 Connection 6 (87a) in engine wiring harness

ws = white
sw = black
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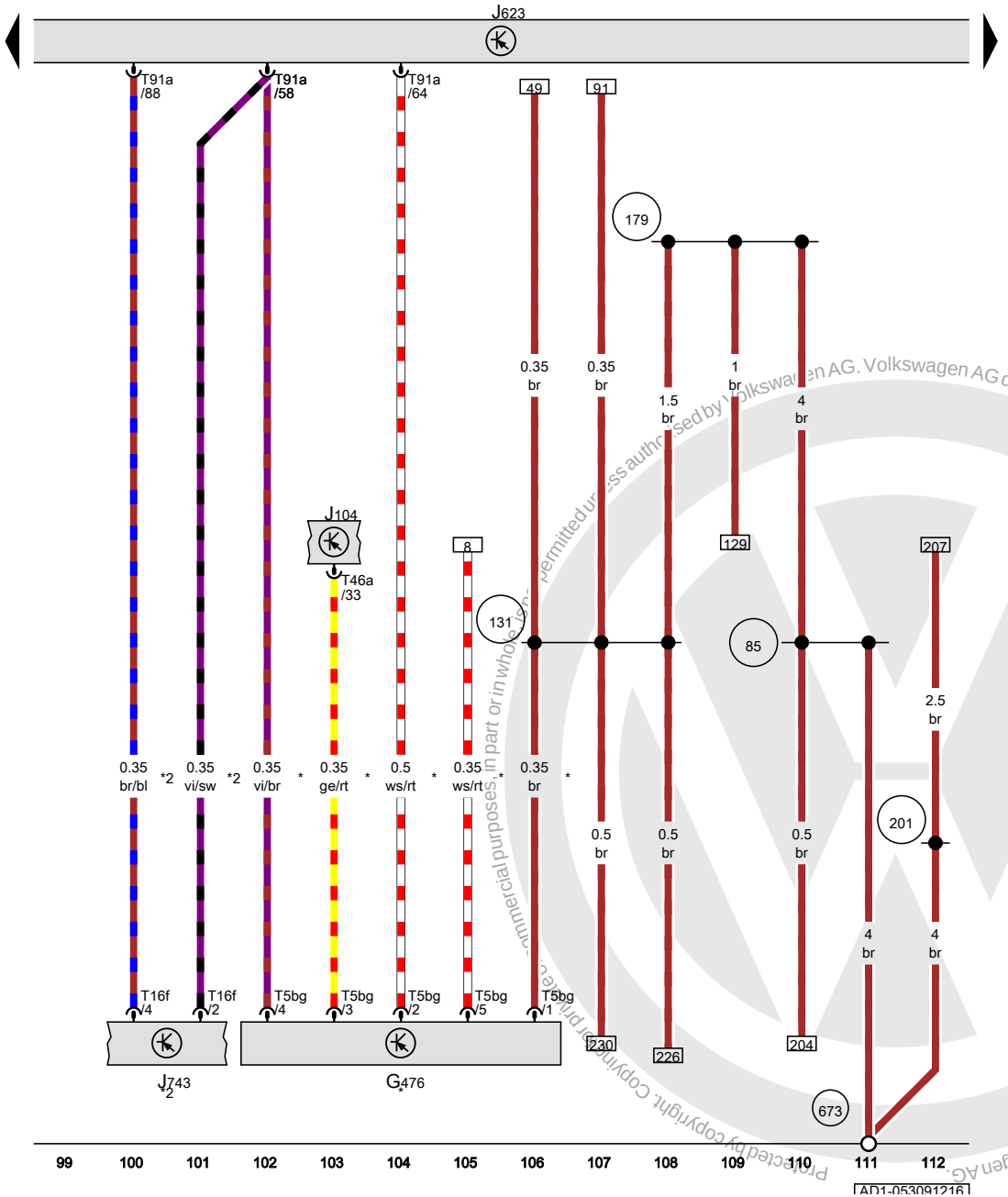
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Brake light switch, Coolant temperature sender, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Engine control unit



F	Brake light switch
G62	Coolant temperature sender
G810	Charge air temperature sender before charge air cooler
G811	Charge air temperature sender after charge air cooler
J623	Engine control unit
T2bm	2-pin connector, black
T2bp	2-pin connector, black
T2br	2-pin connector, black
T4bi	4-pin connector, black
T91a	91-pin connector, black
T105a	105-pin connector, black
281	Earth point 1, engine prewiring harness
D73	Positive connection (54), 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

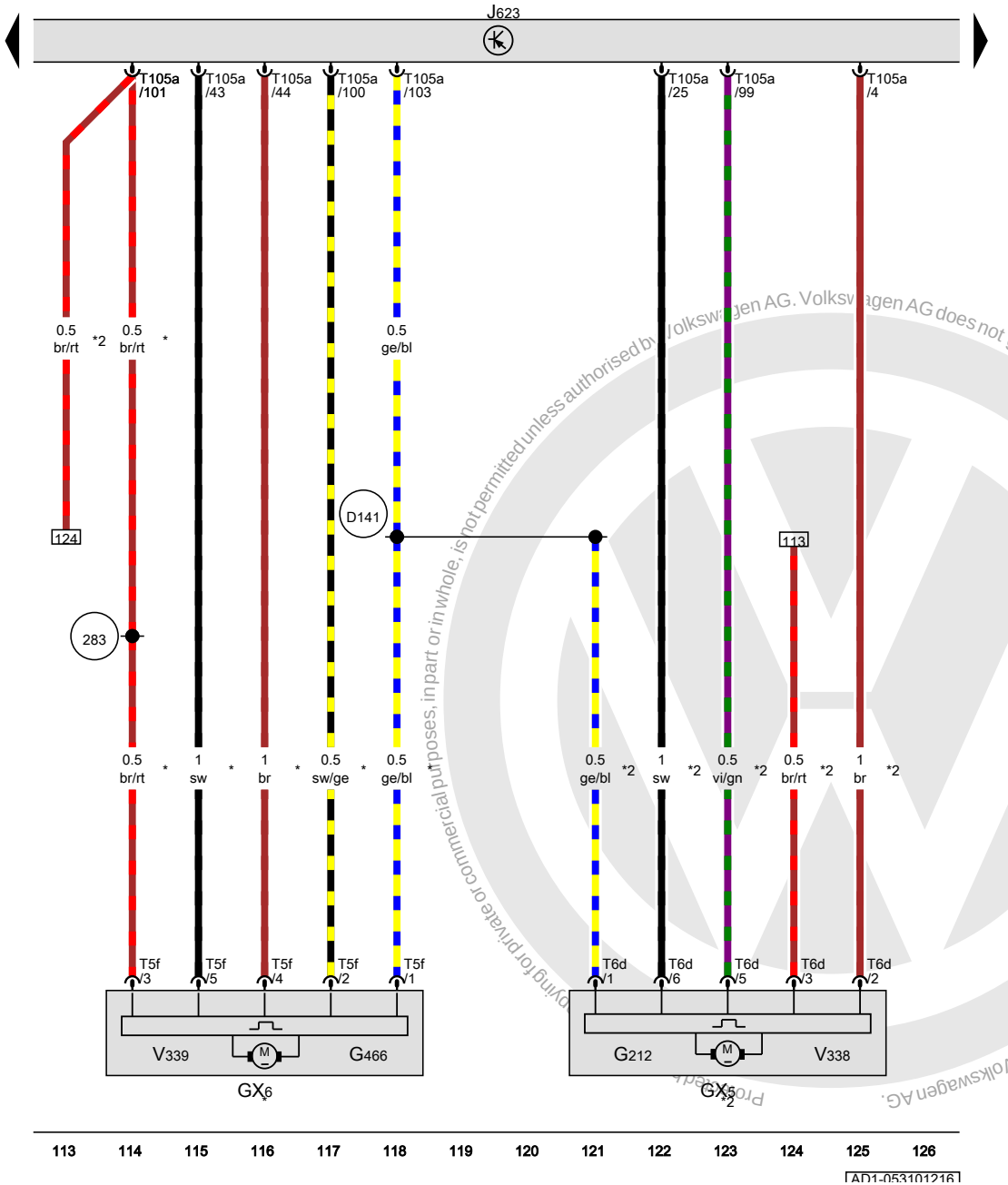


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Clutch position sender, ABS control unit, Engine control unit, Mechatronic unit for dual clutch gearbox

G476	Clutch position sender
J104	ABS control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T5bg	5-pin connector, black
T16f	16-pin connector, black
T46a	46-pin connector, black
T91a	91-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
201	Earth connection 5, in engine compartment wiring harness
673	Earth point 3, on front of left longitudinal member
*	Only models with manual gearbox
*2	Only models with dual clutch gearbox

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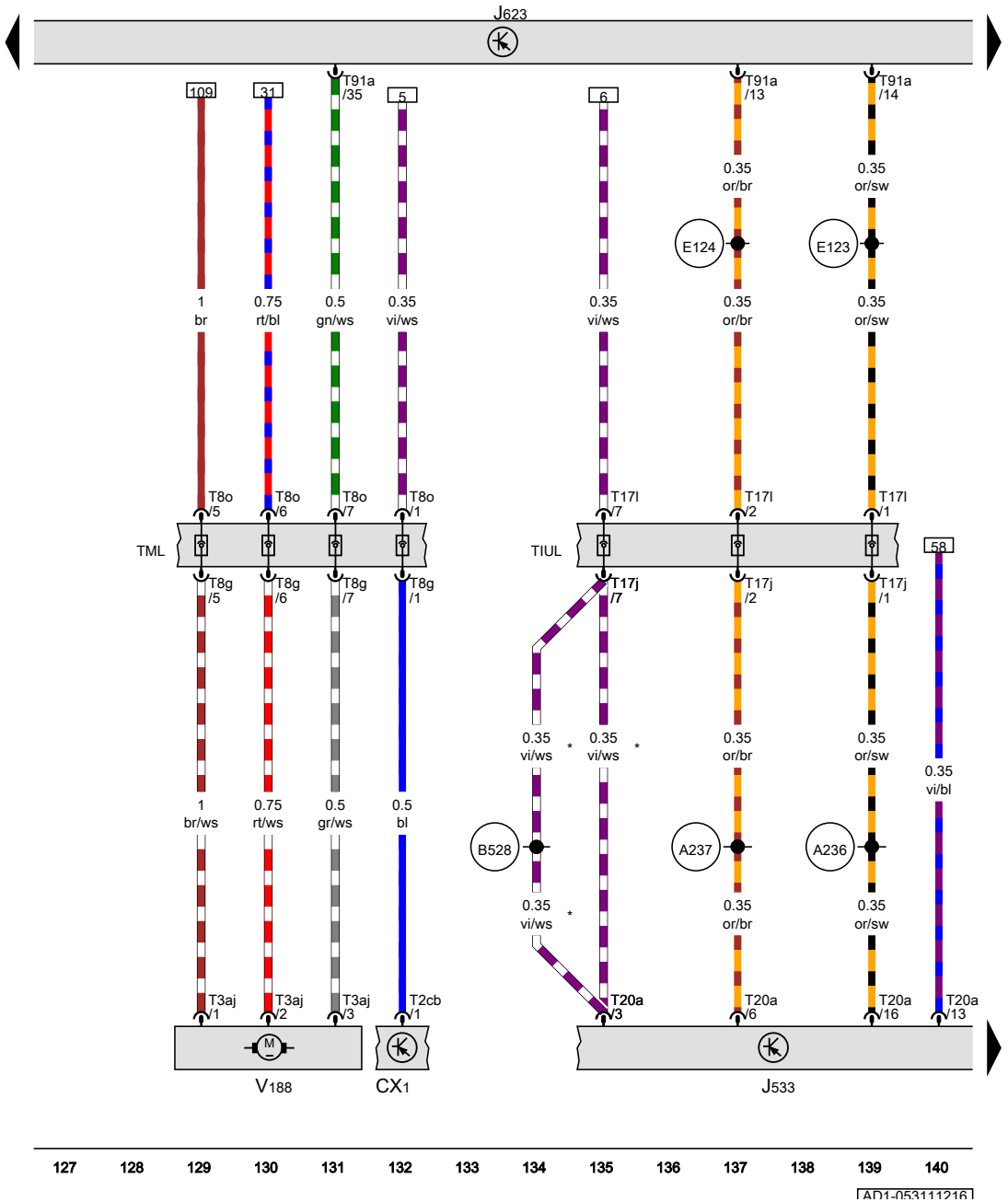
Exhaust gas recirculation valve 1, Exhaust gas recirculation valve 2, Engine control unit

GX5	Exhaust gas recirculation valve 1
GX6	Exhaust gas recirculation valve 2
G212	Exhaust gas recirculation potentiometer
G466	Exhaust gas recirculation potentiometer 2
J623	Engine control unit
T5f	5-pin connector, black
T6d	6-pin connector, grey
T105a	105-pin connector, black
V338	Exhaust gas recirculation control motor
V339	Exhaust gas recirculation control motor 2
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
*	Only models with Euro 5 plus emission standard
*2	Only models with Euro 4 emission standard

ws	=	white
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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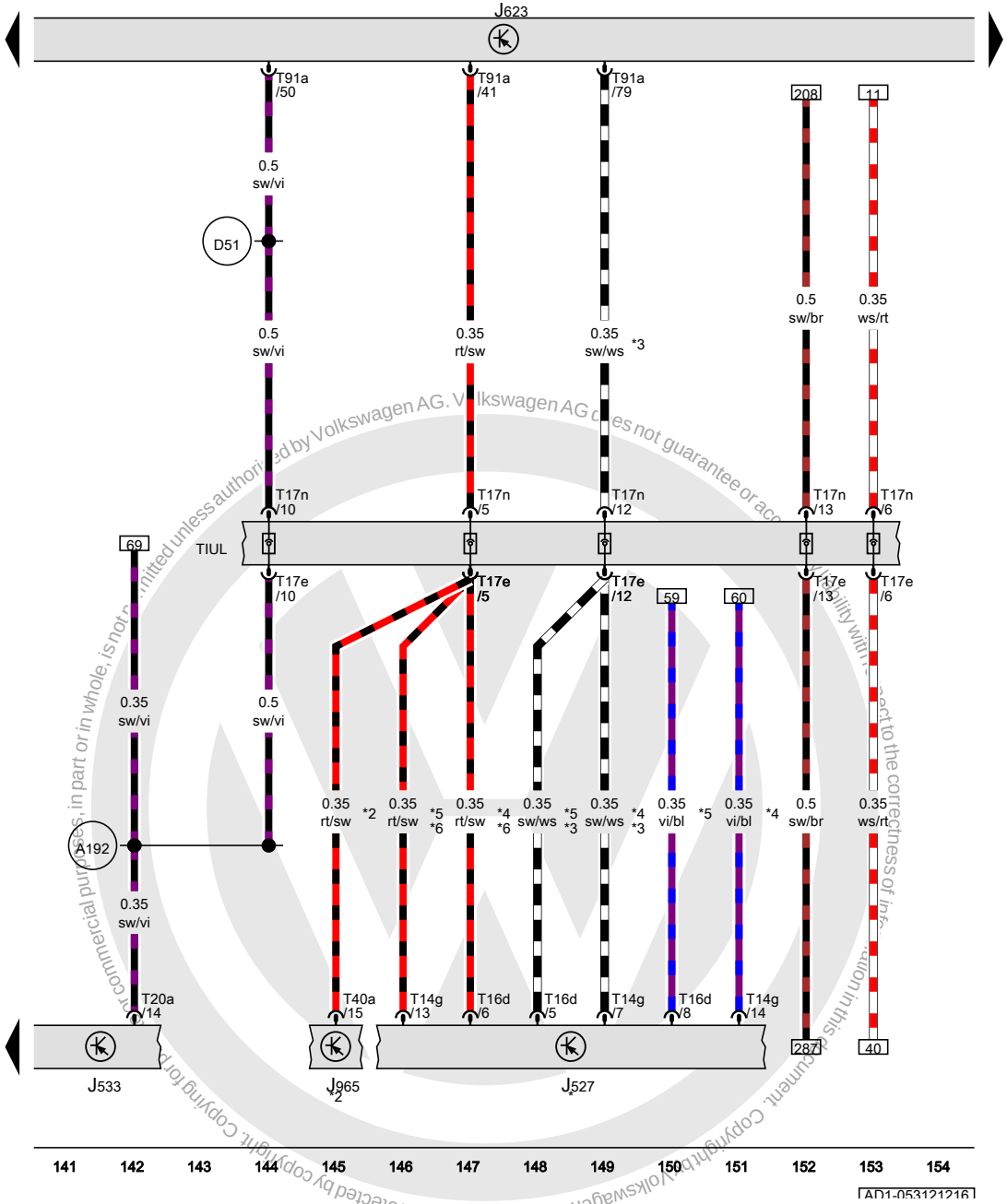
Alternator with voltage regulator, Data bus diagnostic interface, Engine control unit, Charge air cooling pump



CX1	Alternator with voltage regulator
J533	Data bus diagnostic interface
J623	Engine control unit
T2cb	2-pin connector, black
T3aj	3-pin connector, black
T8g	8-pin connector, black
T8o	8-pin connector, black
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T20a	20-pin connector, red
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
TML	Coupling point in engine compartment, left
V188	Charge air cooling pump
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), 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
rs	=	pink

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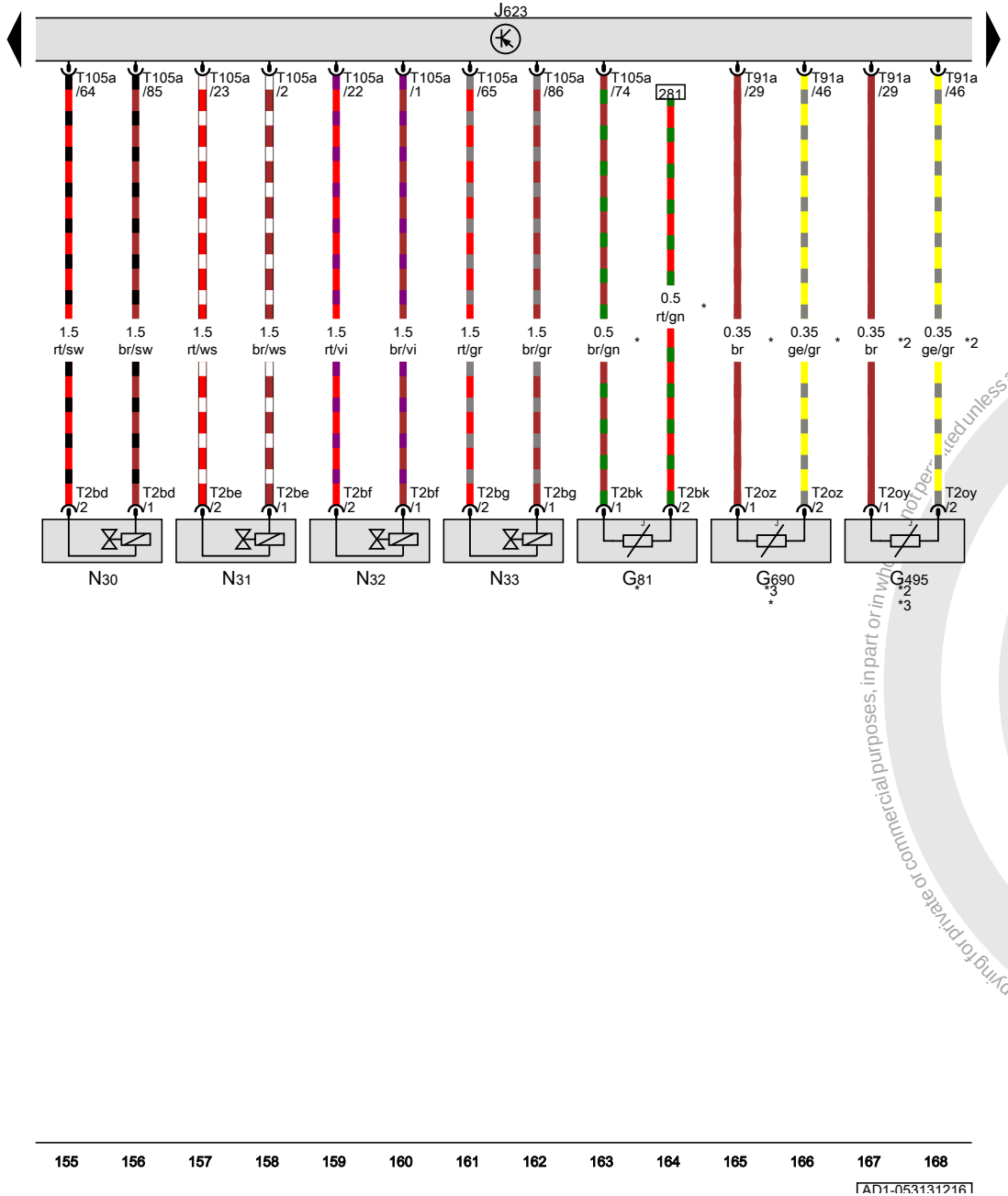


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Steering column electronics control unit, Data bus diagnostic interface, Engine control unit, Interface for entry and start system

J527	Steering column electronics control unit
J533	Data bus diagnostic interface
J623	Engine control unit
J965	Interface for entry and start system
T14g	14-pin connector, black
T16d	16-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T20a	20-pin connector, red
T40a	40-pin connector, black
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
A192	Positive connection 3 (15a) in dash panel wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
*	see applicable current flow diagram
*2	Only models with entry and start authorisation
*3	Only models with cruise control system
*4	Only models with heated steering wheel
*5	Only models with no heated steering wheel
*6	Only models with no entry and start authorisation

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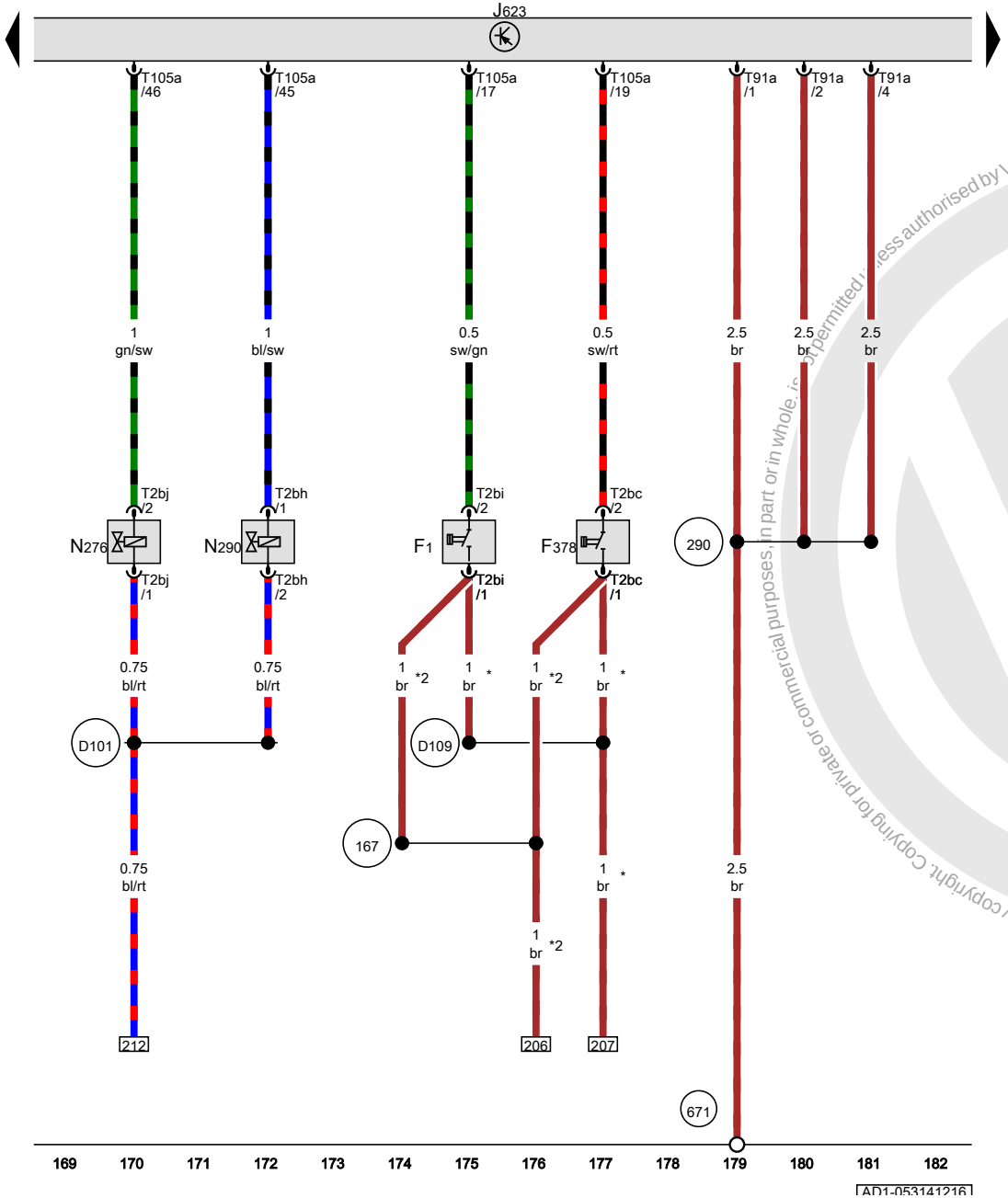


Fuel temperature sender, Exhaust gas temperature sender 3, Temperature sensor 2 for exhaust recirculation, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G81	Fuel temperature sender
G495	Exhaust gas temperature sender 3
G690	Temperature sensor 2 for exhaust recirculation
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2bd	2-pin connector, black
T2be	2-pin connector, black
T2bf	2-pin connector, black
T2bg	2-pin connector, black
T2bk	2-pin connector, black
T2oy	2-pin connector, brown
T2oz	2-pin connector, brown
T91a	91-pin connector, black
T105a	105-pin connector, black
*	Only models with Euro 4 emission standard
*2	Only models with Euro 5 plus emission standard
*3	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

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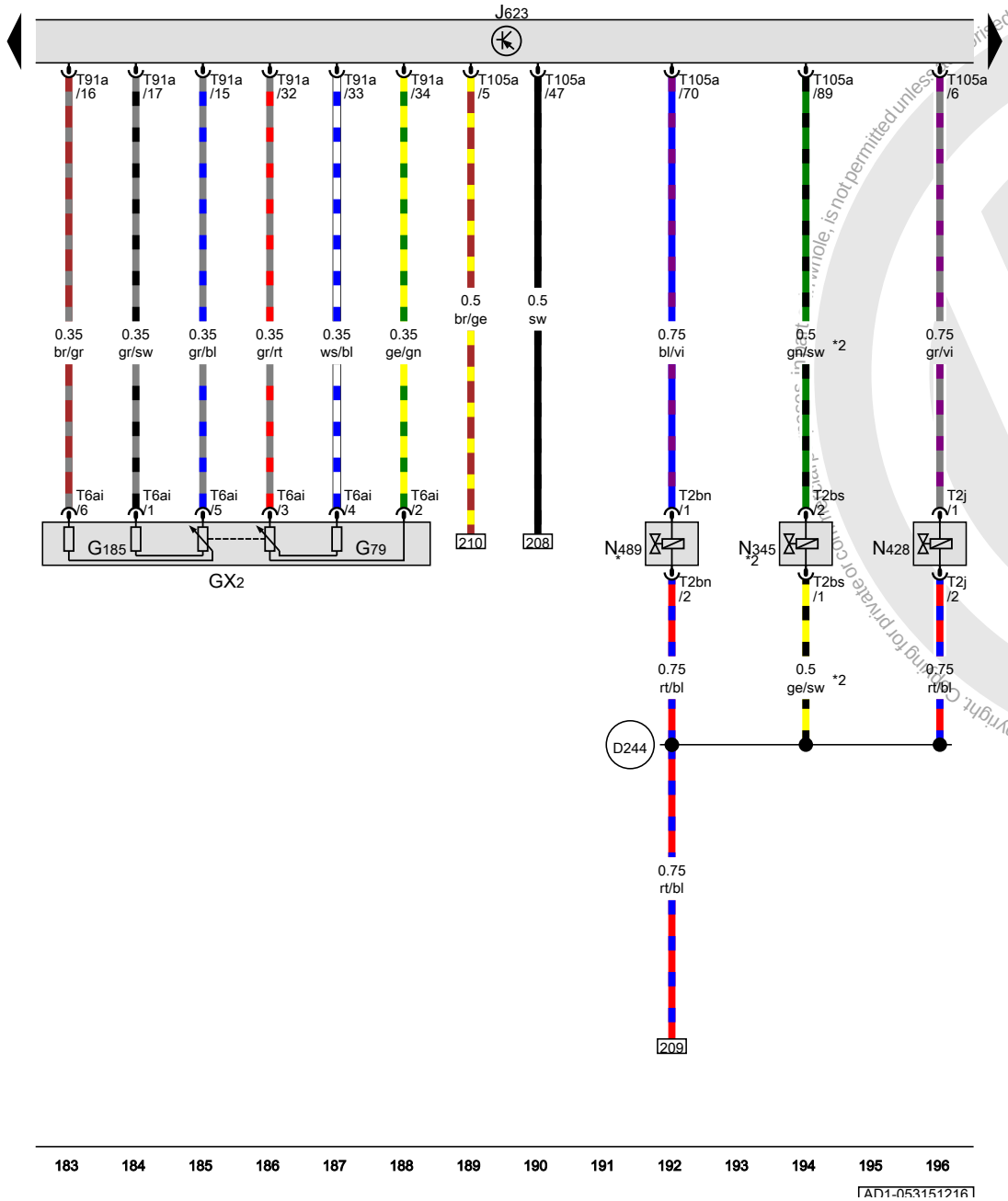


Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine control unit, Fuel pressure regulating valve, Fuel metering valve

F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2bc	2-pin connector, black
T2bh	2-pin connector, black
T2bi	2-pin connector, red
T2bj	2-pin connector, black
T91a	91-pin connector, black
T105a	105-pin connector, black
167	Earth connection 4, in engine compartment wiring harness
290	Earth connection 1, in second battery wiring harness
671	Earth point 1, on front of left longitudinal member
D101	Connection 1 in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness
*	Only models with dual clutch gearbox
*2	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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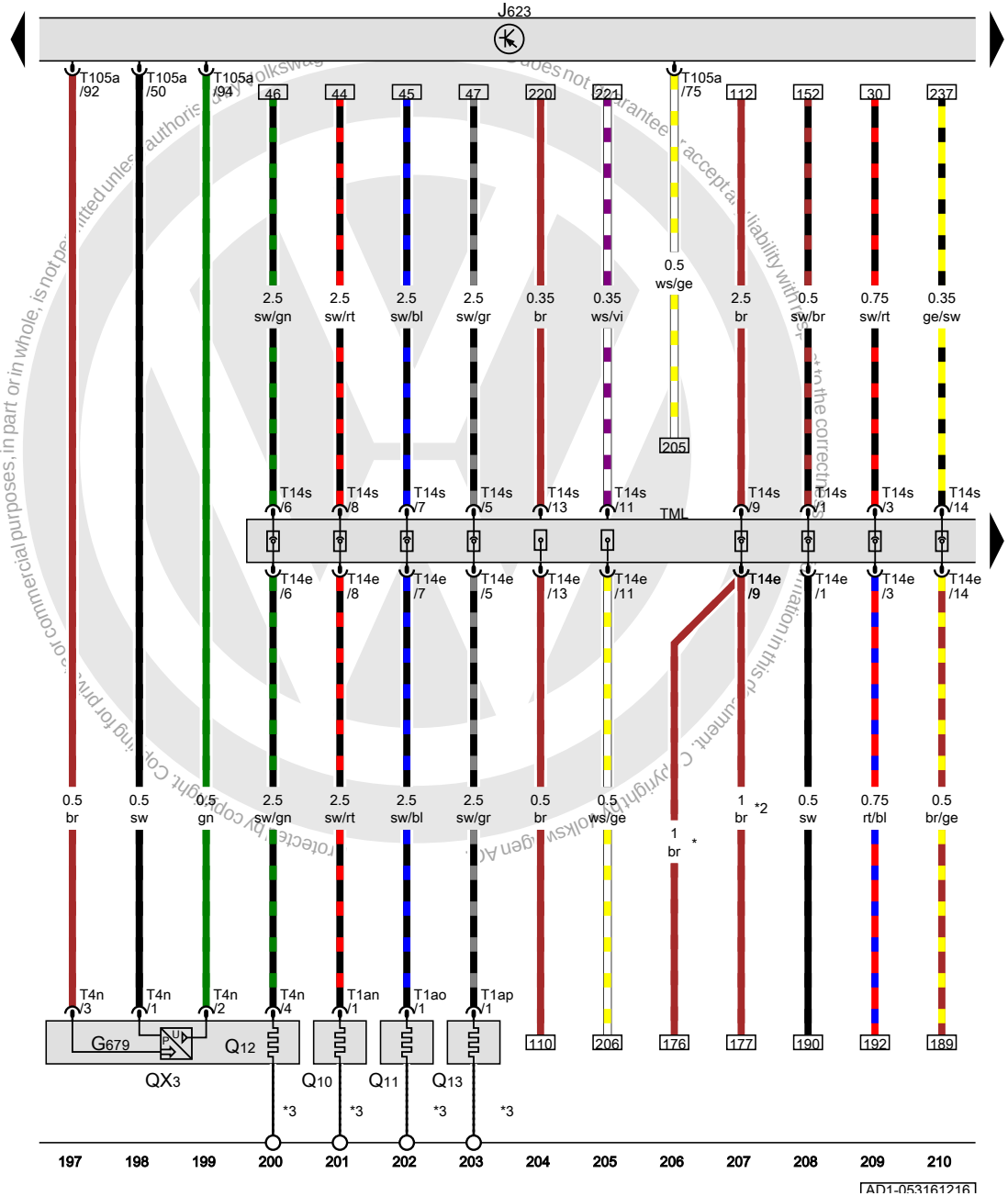


Accelerator pedal module, Engine control unit, Exhaust gas recirculation cooler changeover valve, Valve for oil pressure control, Coolant valve for cylinder head

GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
N345	Exhaust gas recirculation cooler changeover valve
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T2bn	2-pin connector, brown
T2bs	2-pin connector, black
T2j	2-pin connector, black
T6ai	6-pin connector, black
T91a	91-pin connector, black
T105a	105-pin connector, black
D244	Connection 5 (87a) in engine prewiring harness
*	Pre-wired component
*2	Only models with Euro 4 emission standard

ws	=	white
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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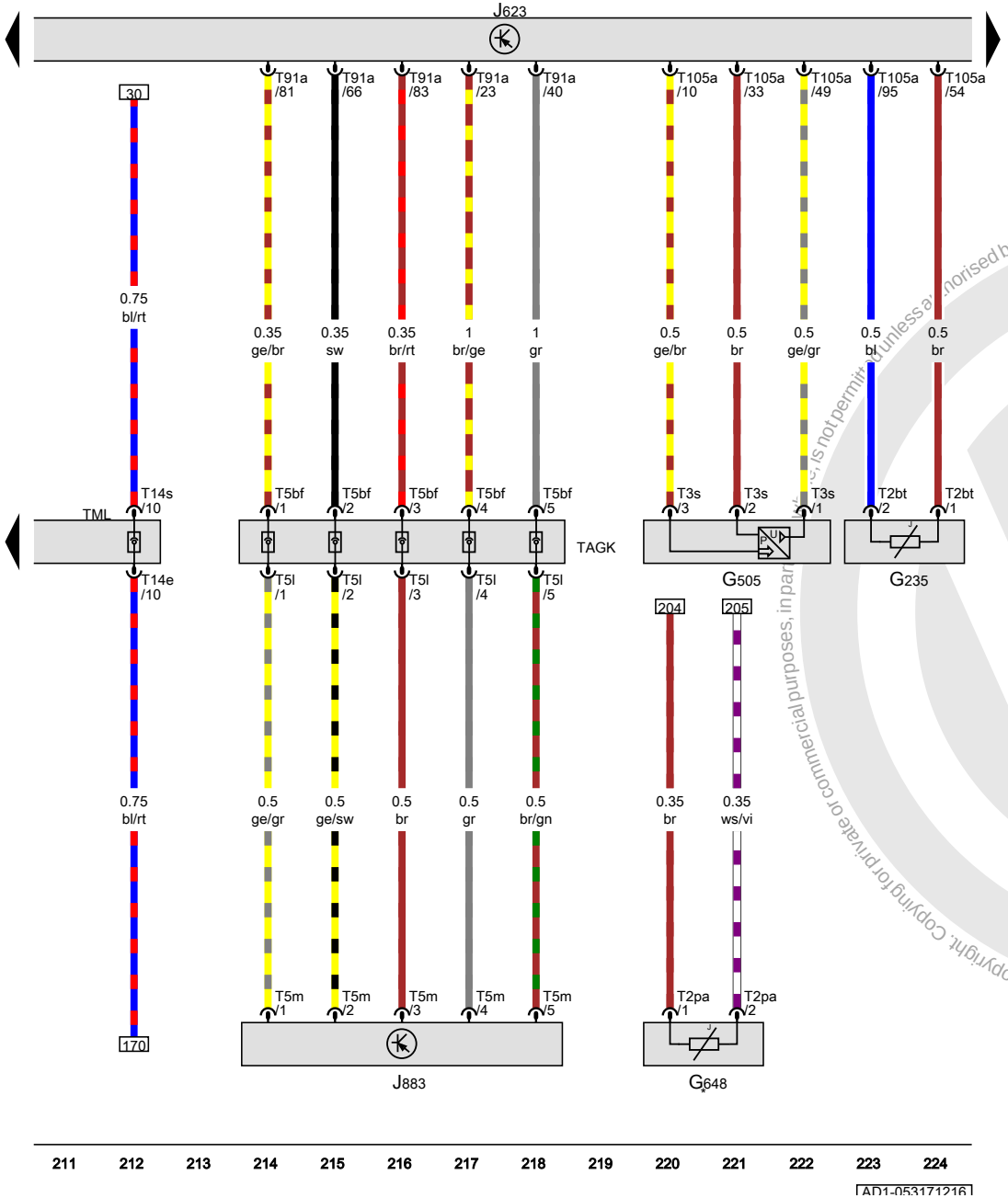


Engine control unit, Glow plug 3, Glow plug 1, Glow plug 2, Glow plug 4

G679	Cylinder 3 combustion chamber pressure sender
J623	Engine control unit
QX3	Glow plug 3
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T1an	1-pin connector, black
T1ao	1-pin connector, black
T1ap	1-pin connector, black
T4n	4-pin connector, black
T14e	14-pin connector, grey
T14s	14-pin connector, grey
T105a	105-pin connector, black
TML	Coupling point in engine compartment, left
*	Only models with manual gearbox
*2	Only models with dual clutch gearbox
*3	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

Exhaust gas temperature sender 1, Pressure differential sender, Engine control unit, Exhaust flap control unit

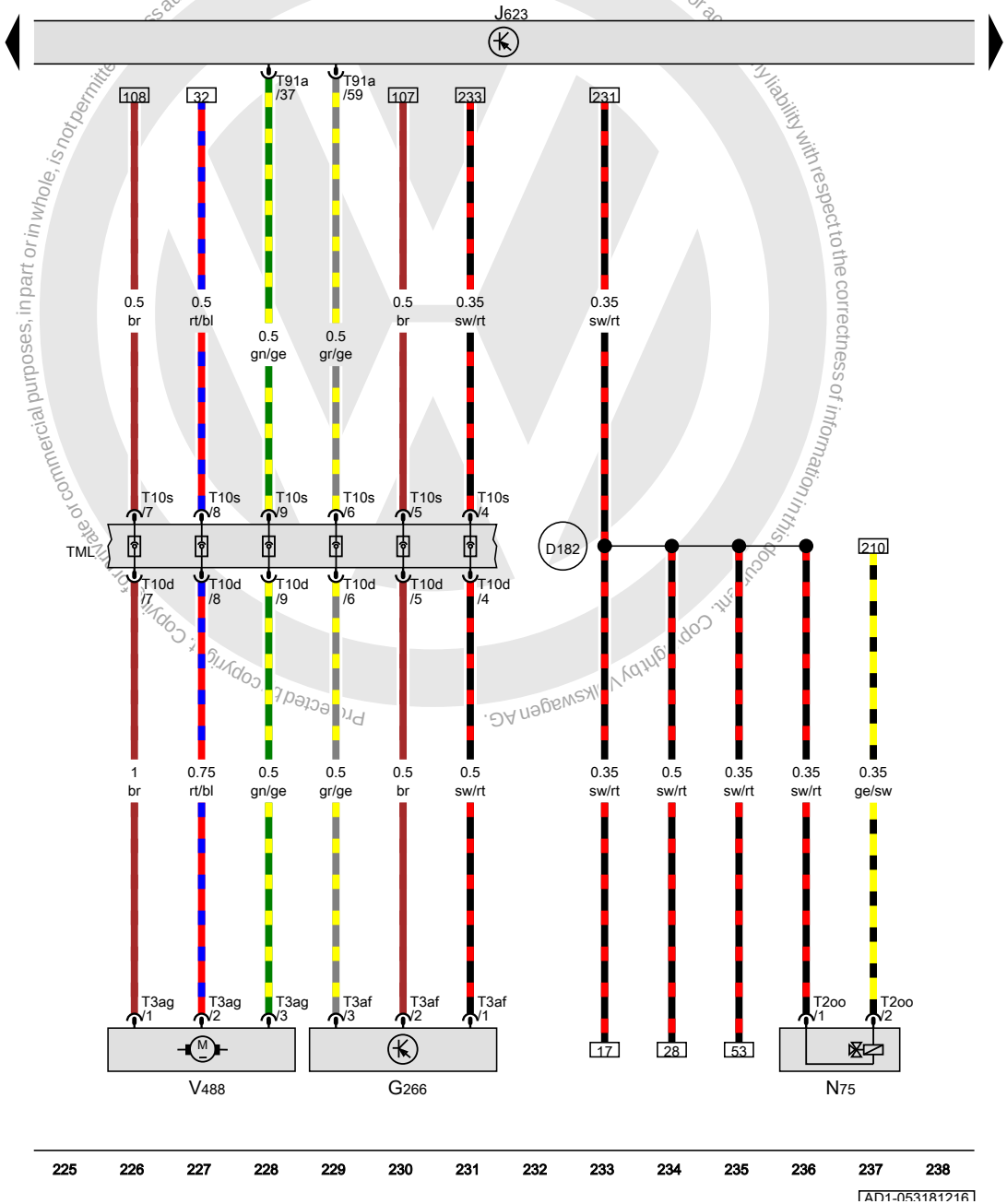


G235	Exhaust gas temperature sender 1
G505	Pressure differential sender
G648	Exhaust gas temperature sender 4
J623	Engine control unit
J883	Exhaust flap control unit
T2bt	2-pin connector, black
T2pa	2-pin connector, colourless
T3s	3-pin connector, black
T5bf	5-pin connector, brown
T5l	5-pin connector, dark brown
T5m	5-pin connector, black
T14e	14-pin connector, grey
T14s	14-pin connector, grey
T91a	91-pin connector, black
T105a	105-pin connector, black
TAGK	Coupling point for exhaust flap control unit
TML	Coupling point in engine compartment, left
*	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

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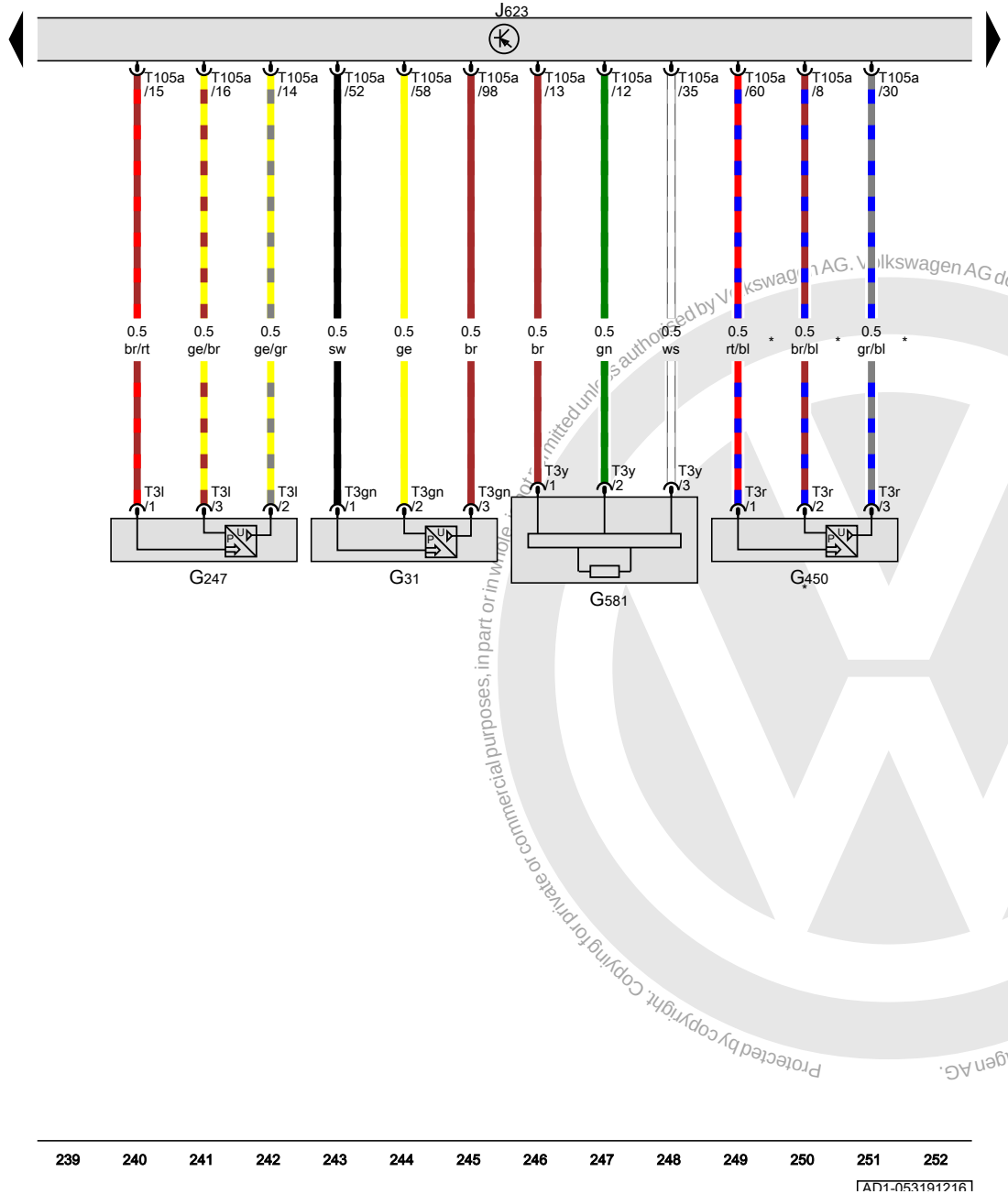
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Oil level and oil temperature sender, Engine control unit, Charge pressure control solenoid valve, Auxiliary pump for heating

G266	Oil level and oil temperature sender
J623	Engine control unit
N75	Charge pressure control solenoid valve
T2oo	2-pin connector, black
T3af	3-pin connector, black
T3ag	3-pin connector, black
T10d	10-pin connector, black
T10s	10-pin connector, black
T91a	91-pin connector, black
TML	Coupling point in engine compartment, left
V488	Auxiliary pump for heating
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

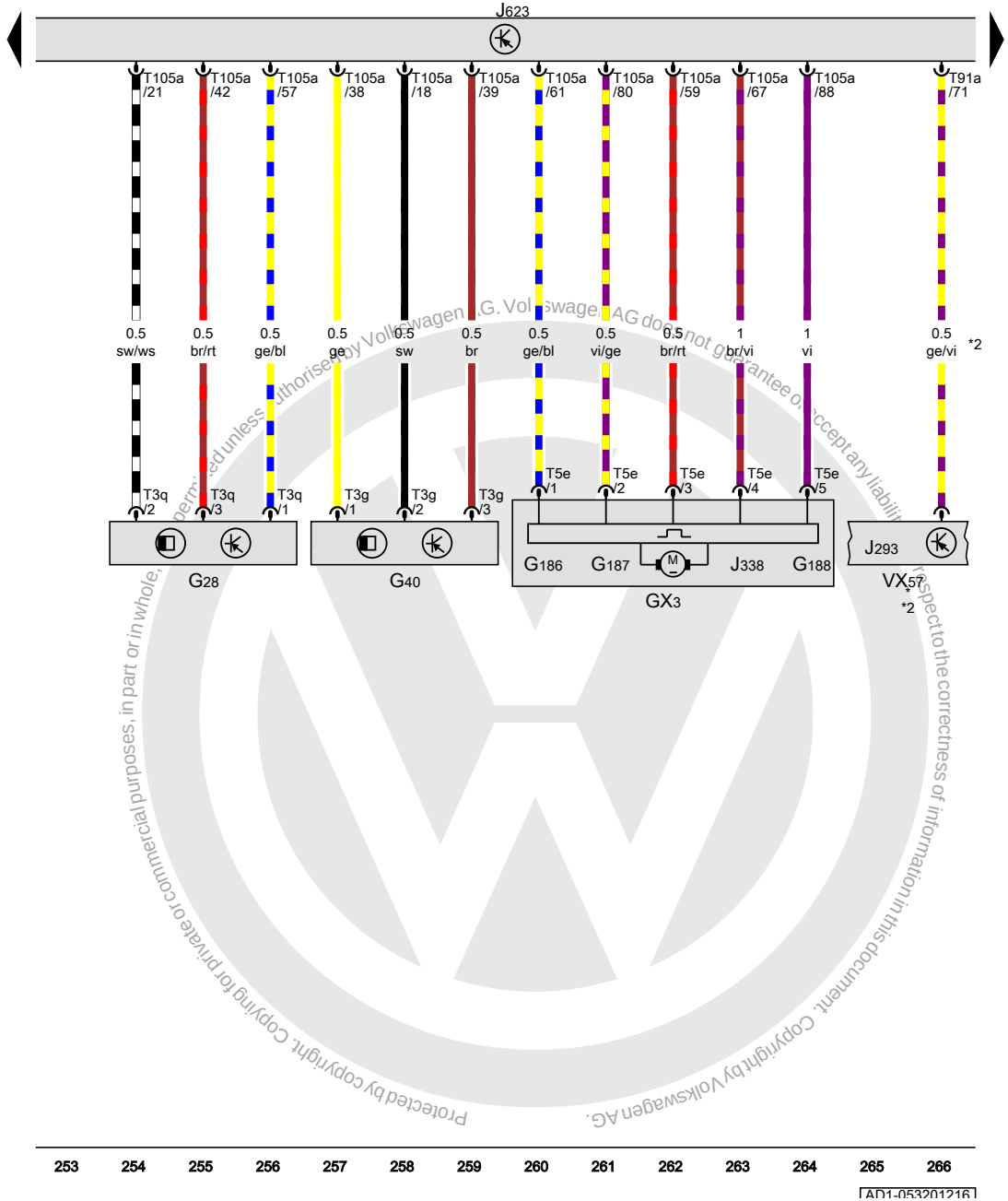


Charge pressure sender, Fuel pressure sender, Exhaust gas pressure sensor 1, Position sender for charge pressure positioner, Engine control unit

G31	Charge pressure sender
G247	Fuel pressure sender
G450	Exhaust gas pressure sensor 1
G581	Position sender for charge pressure positioner
J623	Engine control unit
T3gn	3-pin connector, black
T3l	3-pin connector, black
T3r	3-pin connector, black
T3y	3-pin connector, brown
T105a	105-pin connector, black
*	Only models with Euro 5 plus emission standard

ws	=	white
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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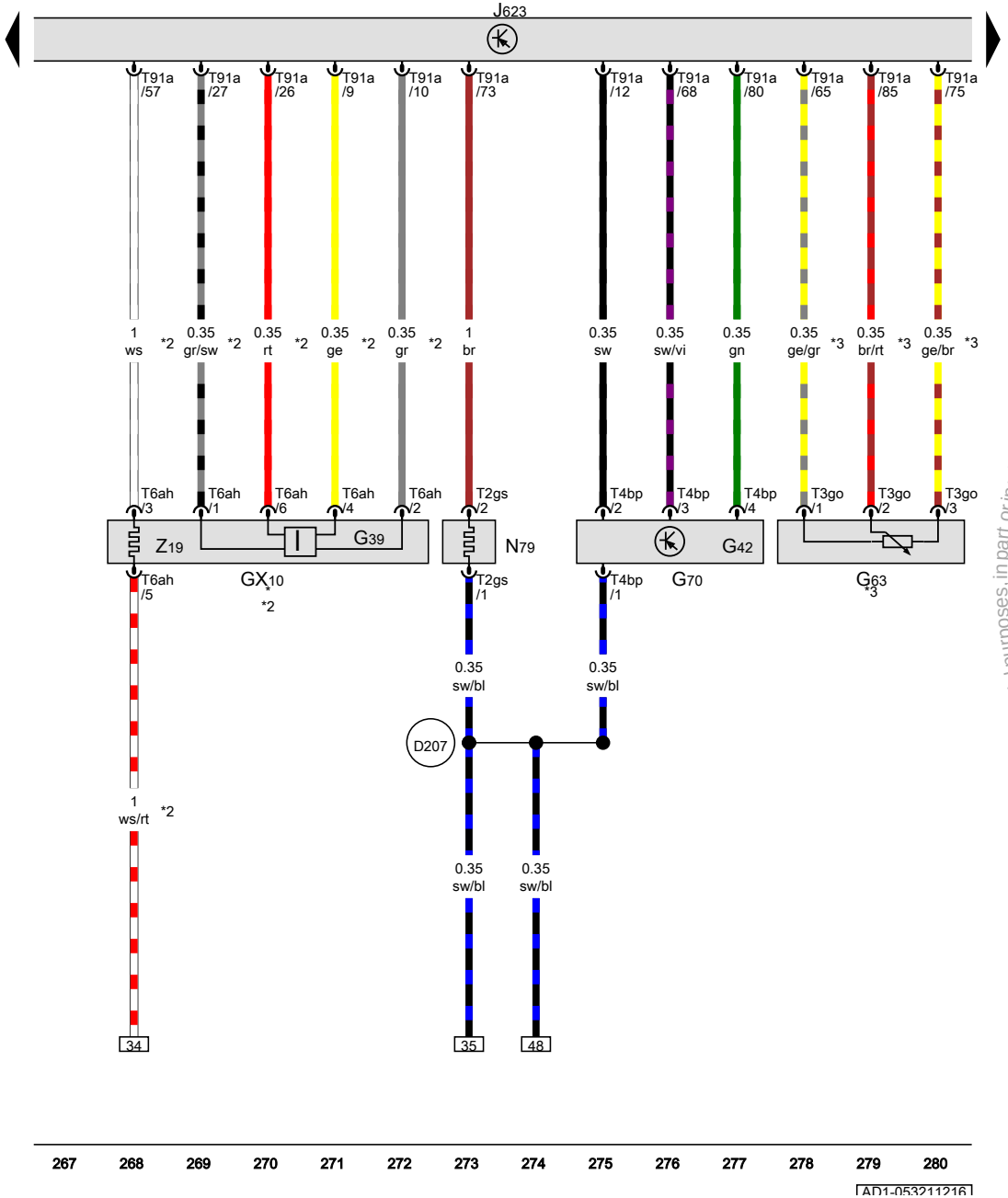


Throttle valve module, Engine speed sender, Hall sender, Engine control unit, Radiator fan

GX3	Throttle valve module
G28	Engine speed 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
J293	Radiator fan control unit
J338	Throttle valve module
J623	Engine control unit
T3g	3-pin connector, black
T3q	3-pin connector, black
T5e	5-pin connector, black
T91a	91-pin connector, black
T105a	105-pin connector, black
VX57	Radiator fan
*	Pre-wired component
*2	see applicable current flow diagram for radiator fan

ws	=	white
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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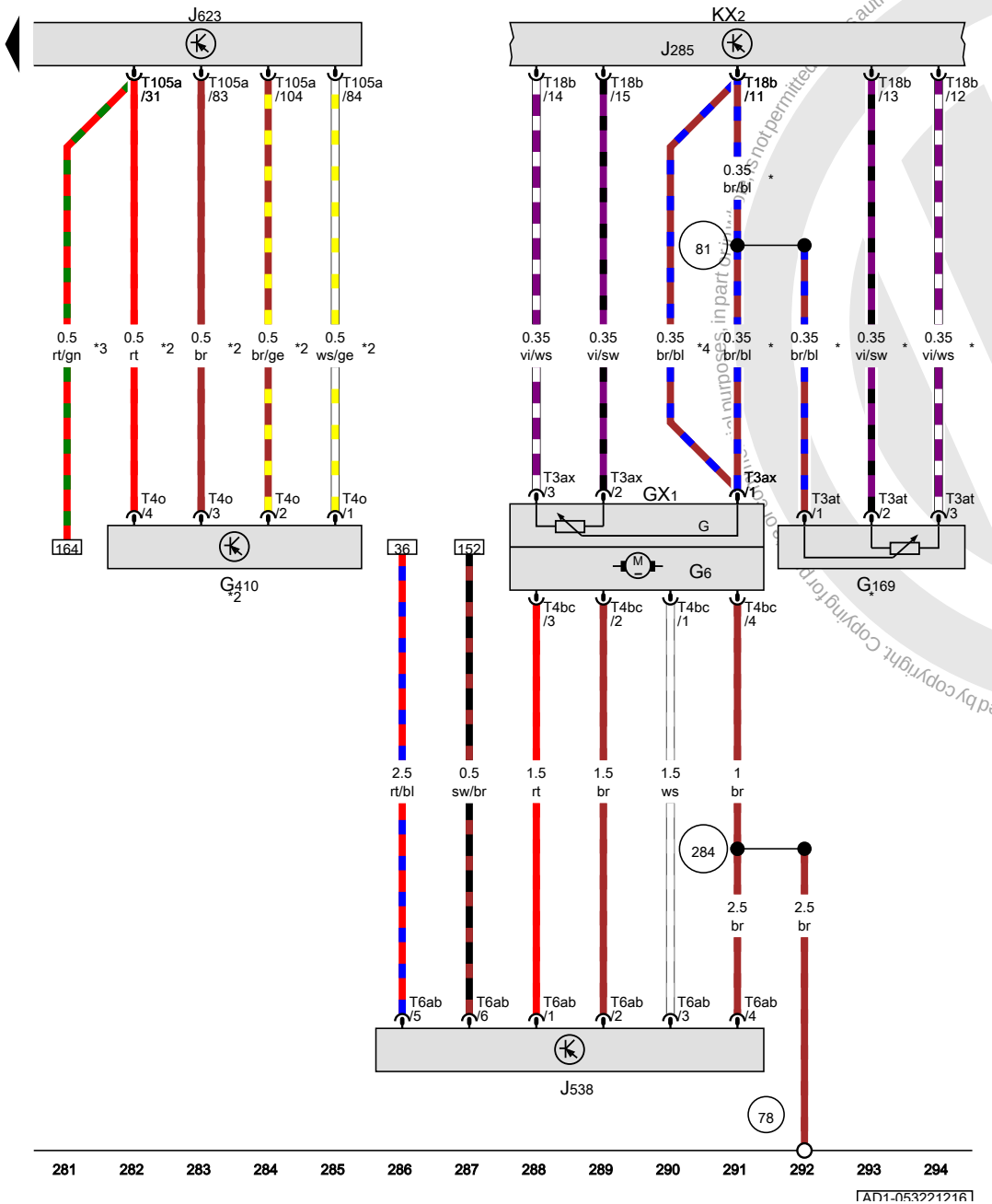


Lambda probe 1 before catalytic converter, Water separator sender, Air mass meter, Engine control unit

GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G42	Intake air temperature sender
G63	Water separator sender
G70	Air mass meter
J623	Engine control unit
N79	Heater element for crankcase breather
T2gs	2-pin connector, black
T3go	3-pin connector, black
T4bp	4-pin connector, black
T6ah	6-pin connector, black
T91a	91-pin connector, black
Z19	Lambda probe heater
D207	Connection 7 (87a), in engine compartment wiring harness
*	Pre-wired component
*2	Only models with Euro 5 plus emission standard
*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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Fuel delivery unit, Fuel gauge sender 2, Fuel pressure sender for low pressure, Fuel pump control unit, Engine control unit, Dash panel insert

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
G410	Fuel pressure sender for low pressure
J285	Control unit in dash panel insert
J538	Fuel pump control unit
J623	Engine control unit
KX2	Dash panel insert
T3at	3-pin connector, black
T3ax	3-pin connector, black
T4bc	4-pin connector, black
T4o	4-pin connector, black
T6ab	6-pin connector, black
T18b	18-pin connector, black
T105a	105-pin connector, black
78	Earth point, lower part of right B-pillar
81	Earth connection 1, in dash panel wiring harness
284	Earth connection 6, in interior wiring harness
*	Only models with all-wheel drive
*2	Only models with Euro 5 plus emission standard
*3	Only models with Euro 4 emission standard
*4	Only models with no all-wheel drive

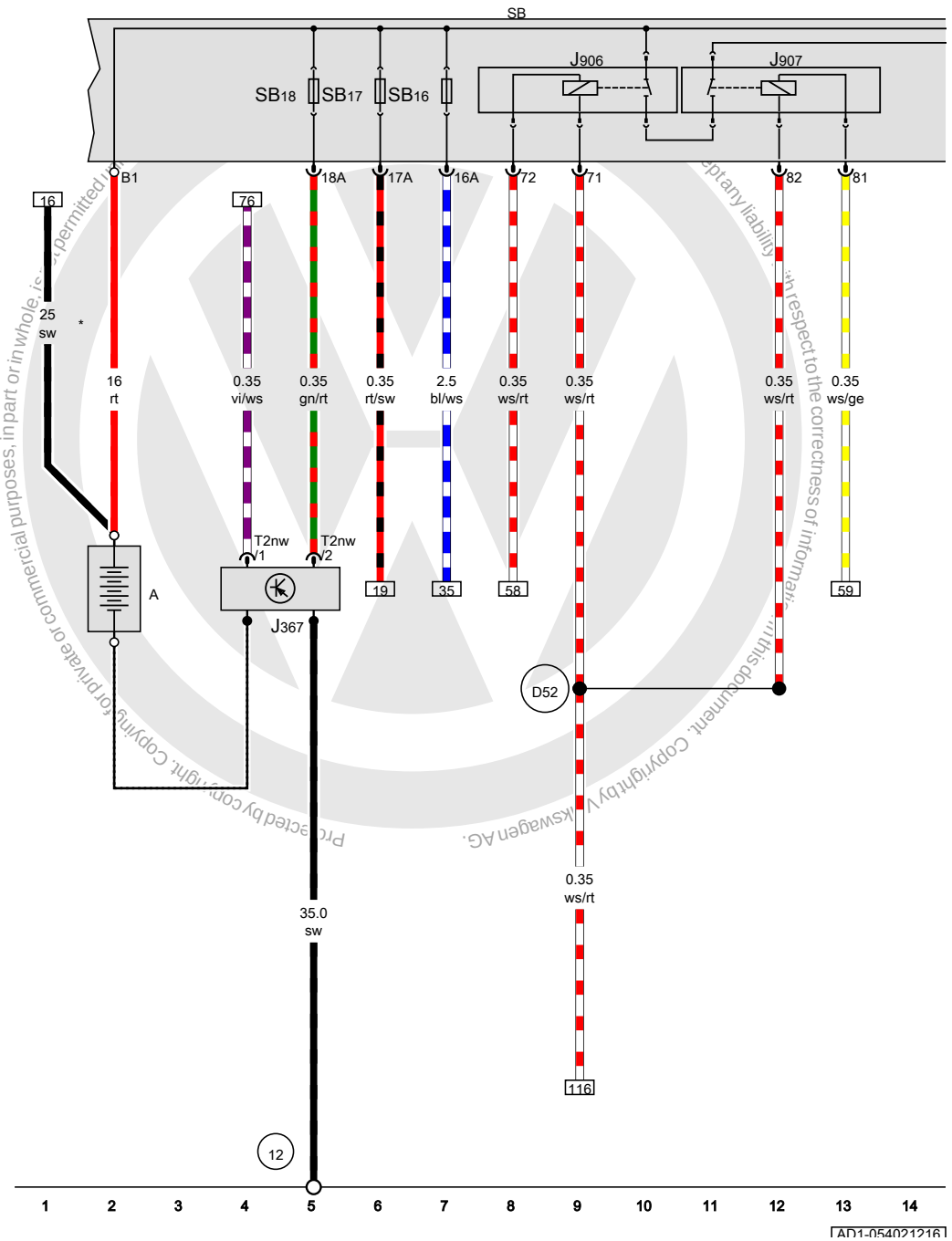
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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2.0l petrol engine , CHHB

From July 2016

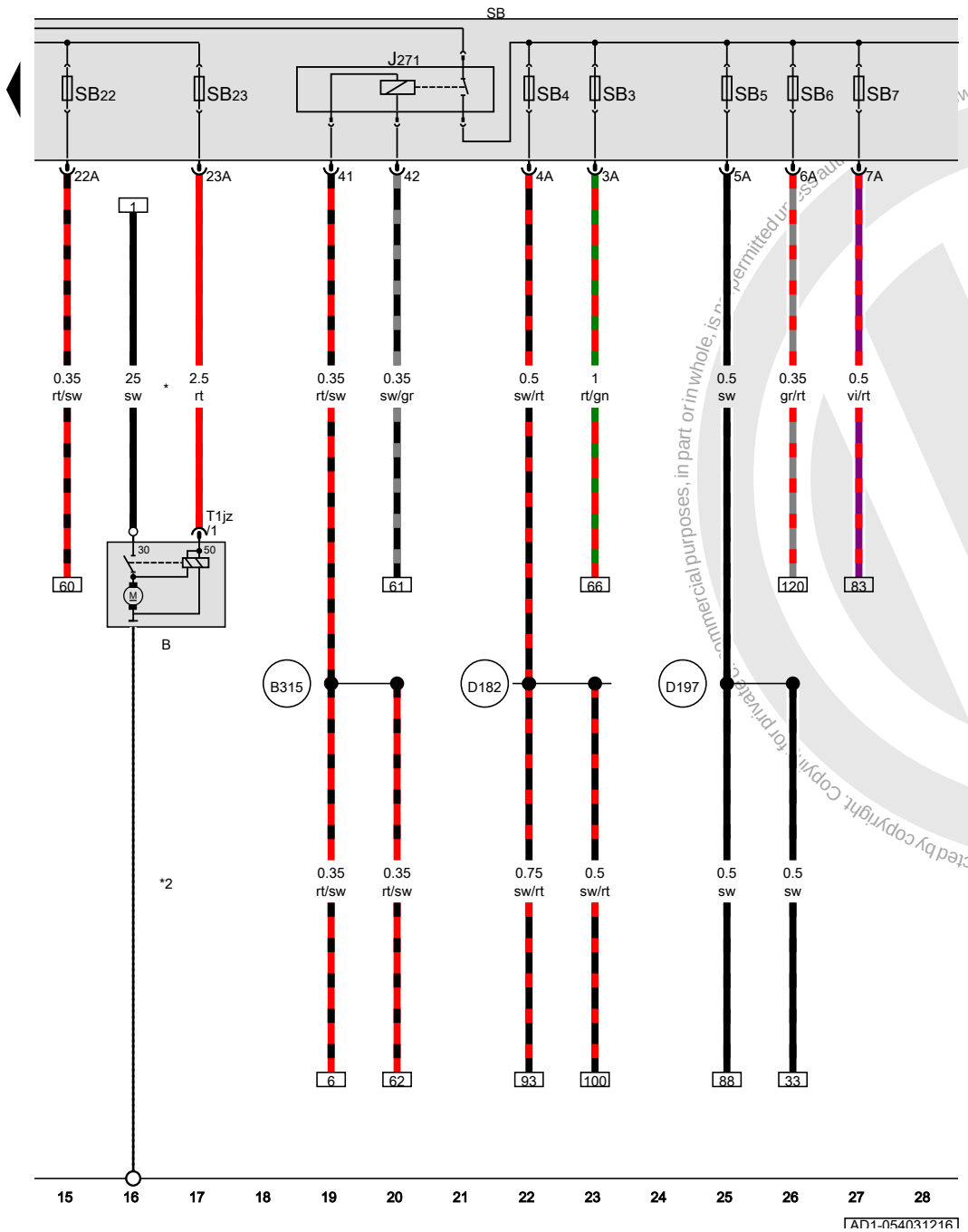


Battery, Battery monitor control unit, Starter relay 1, Starter relay 2, Fuse holder B

A	Battery
J367	Battery monitor control unit, on earth cable battery clamp
J906	Starter relay 1
J907	Starter relay 2
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
T2nw	2-pin connector, black
12	Earth point, on left in engine compartment
D52	Positive connection (15a), in engine compartment wiring harness
*	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
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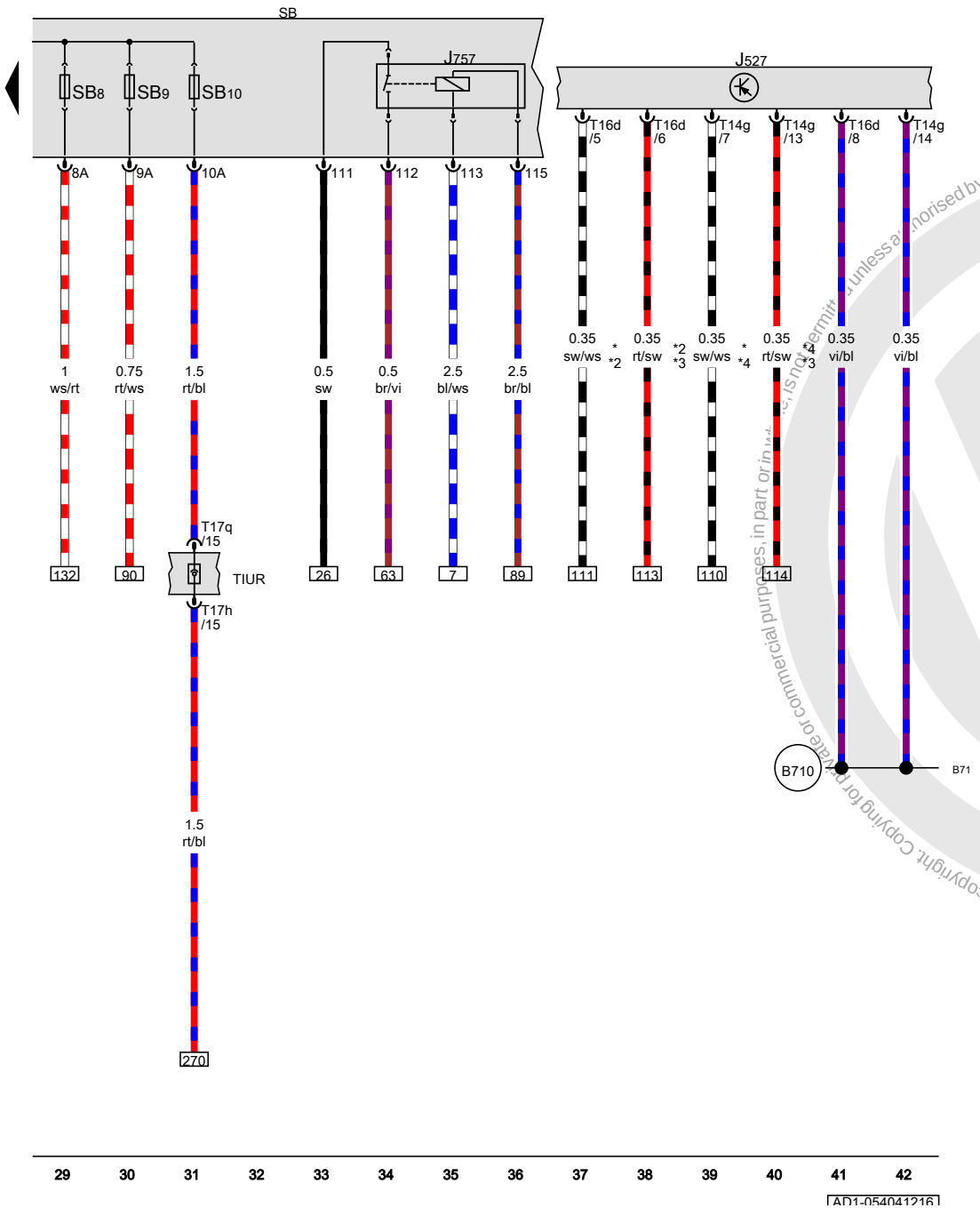


Starter, Main relay, Fuse holder B

B	Starter
J271	Main relay
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
T1jz	1-pin connector, black
B315	Positive connection 1 (30a) in main wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
D197	Connection 5 (87a), in engine compartment wiring harness
*	Cross section depends on equipment
*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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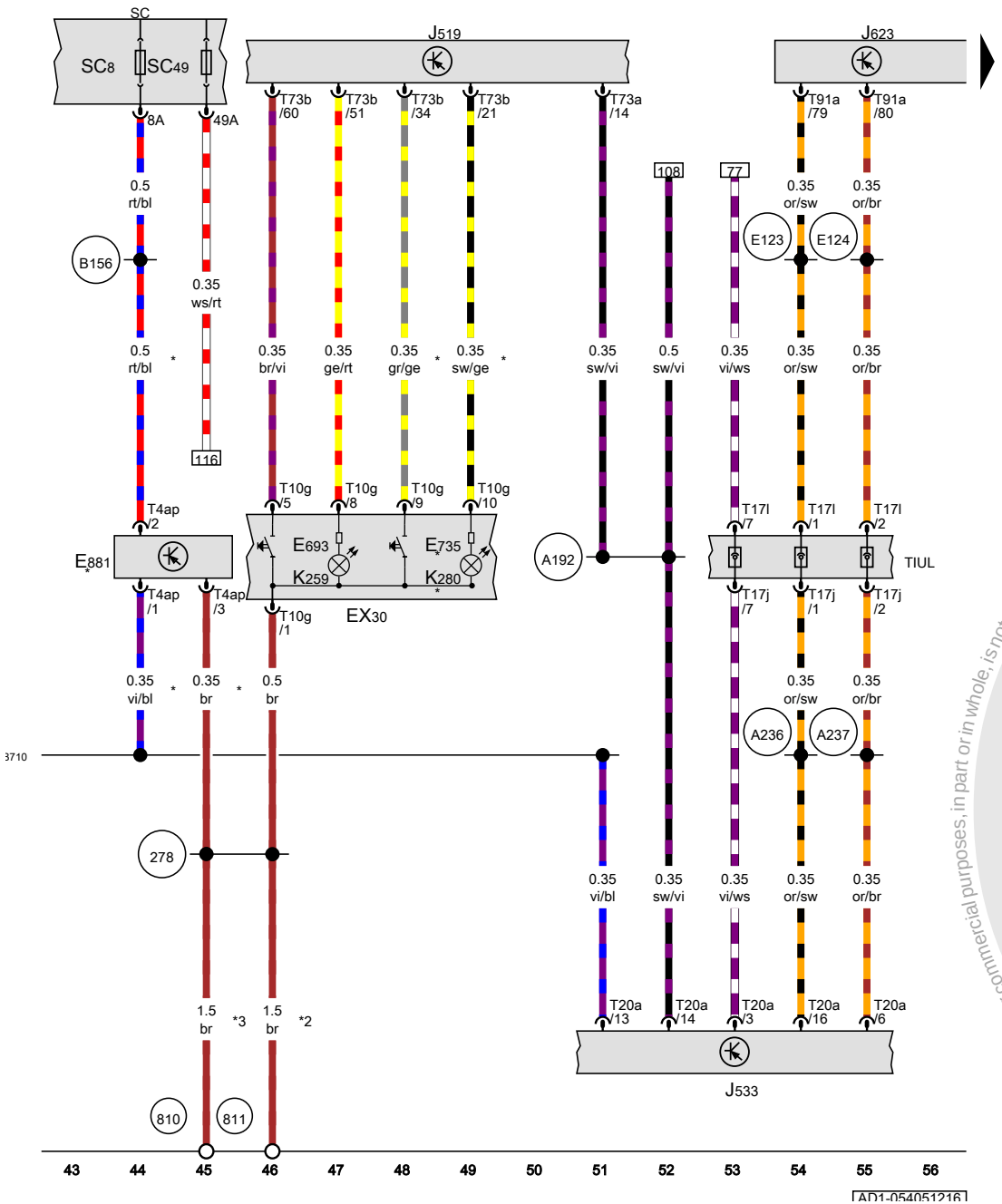


Steering column electronics control unit, Engine component current supply relay, Fuse holder B

J527	Steering column electronics control unit
J757	Engine component current supply relay
SB	Fuse holder B
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
T14g	14-pin connector, black
T16d	16-pin connector, black
T17h	17-pin connector, red
T17q	17-pin connector, red
TIUR	Coupling point in interior, below right
B710	Connection 5 (LIN bus) in main wiring harness
*	Only models with cruise control system
*2	Only models with no heated steering wheel
*3	Only models with no entry and start authorisation
*4	Only models with heated steering wheel

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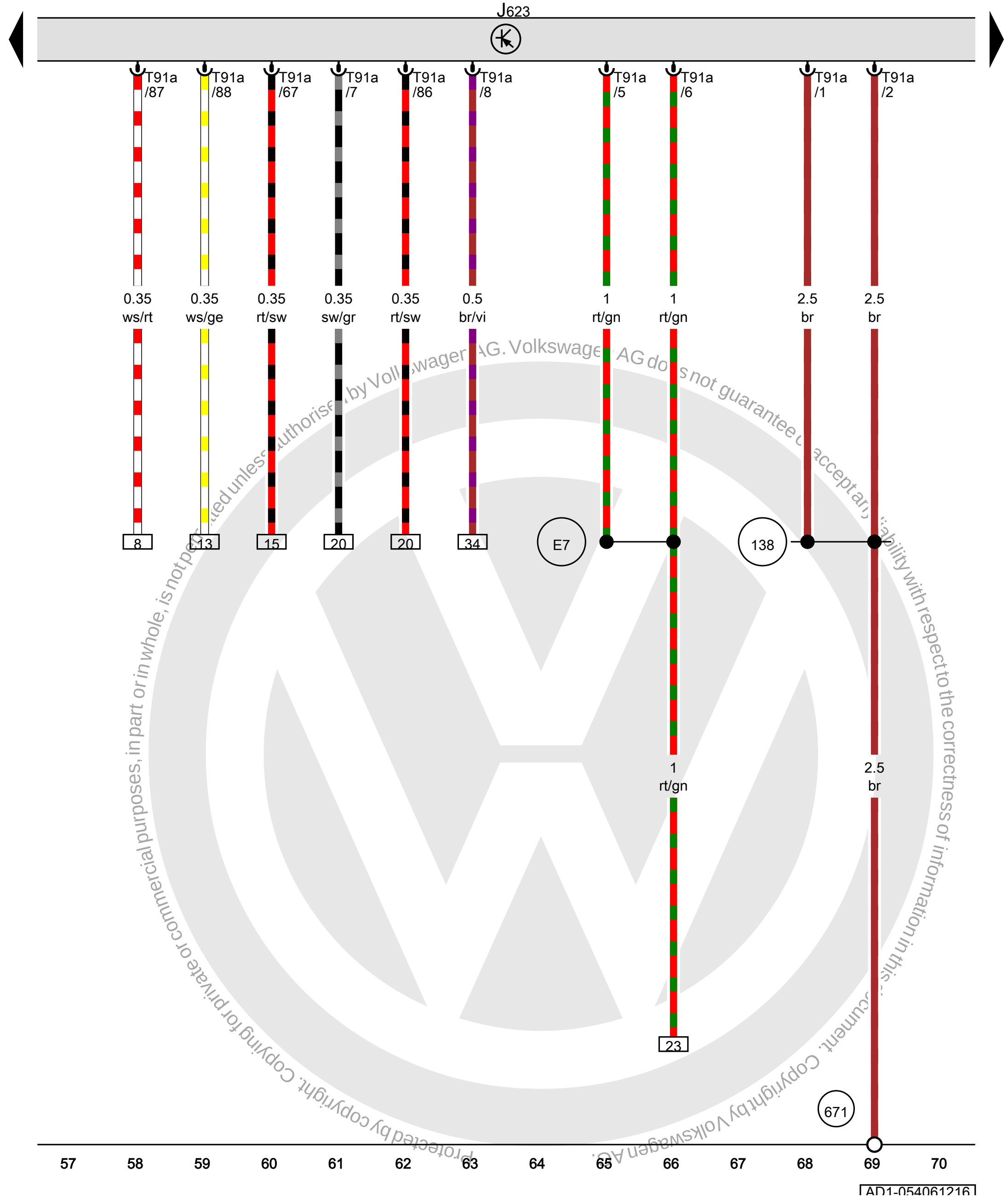


Switch module 2 in centre console, Operating unit for driving mode selection, Onboard supply control unit, Data bus diagnostic interface, Engine control unit, Fuse holder C

EX30	Switch module 2 in centre console
E693	Start/Stop operation button
E735	Driving mode selection button
E881	Operating unit for driving mode selection
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J623	Engine control unit
K259	Start/Stop operation warning lamp
K280	Driving mode selection warning lamp
SC	Fuse holder C
SC8	Fuse 8 on fuse holder C
SC49	Fuse 49 on fuse holder C
T4ap	4-pin connector, black
T10g	10-pin connector, red
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T20a	20-pin connector, red
T73a	73-pin connector, black
T73b	73-pin connector, black
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A192	Positive connection 3 (15a) in dash panel wiring harness
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
B156	Positive connection (30a), in interior wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	According to equipment
*2	Only left-hand drive models
*3	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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or	=	orange
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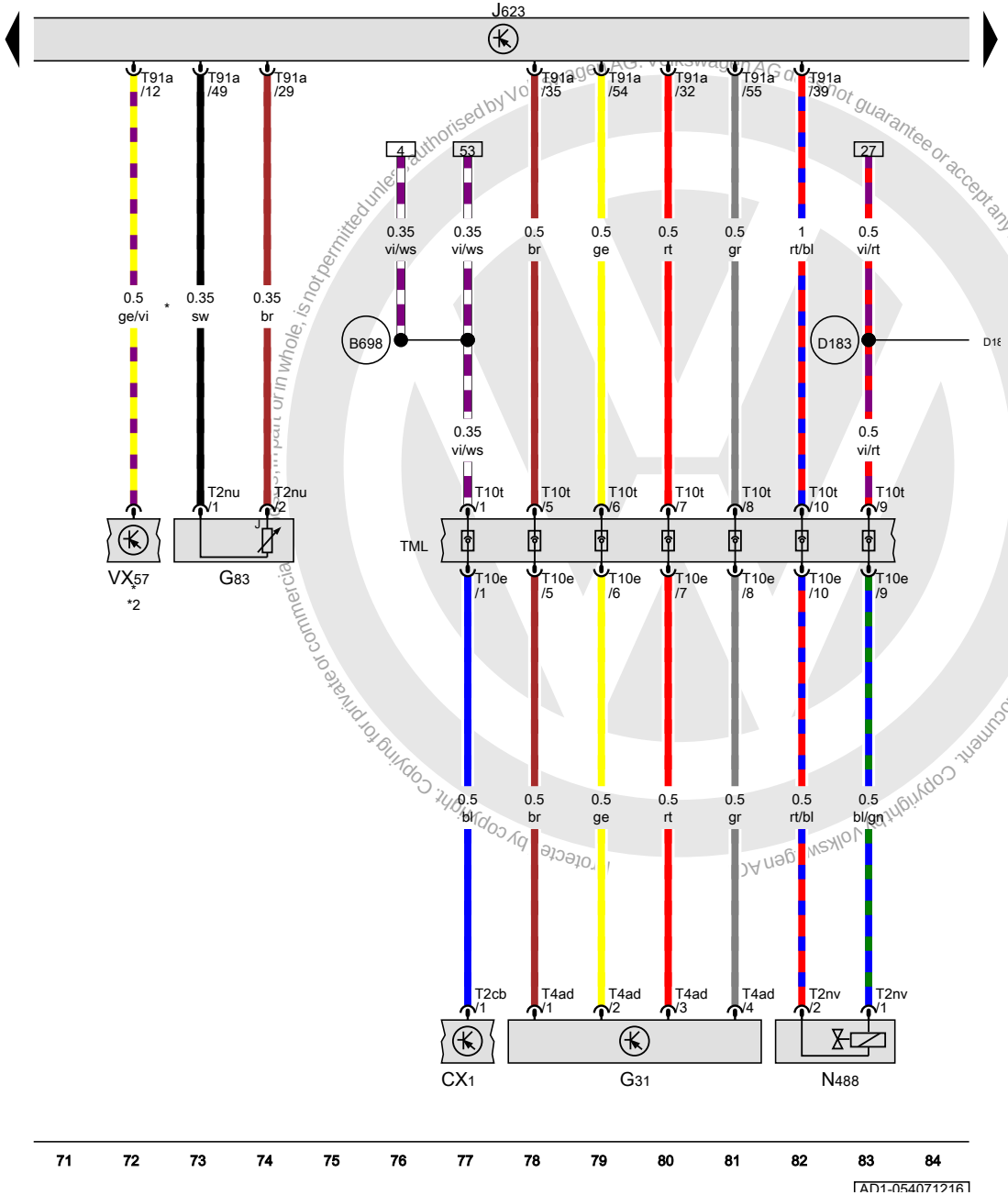


Engine control unit

J623	Engine control unit
T91a	91-pin connector, black
138	Earth connection (control unit), in Motronic wiring harness
671	Earth point 1, on front of left longitudinal member
E7	Connection (87a), in Motronic wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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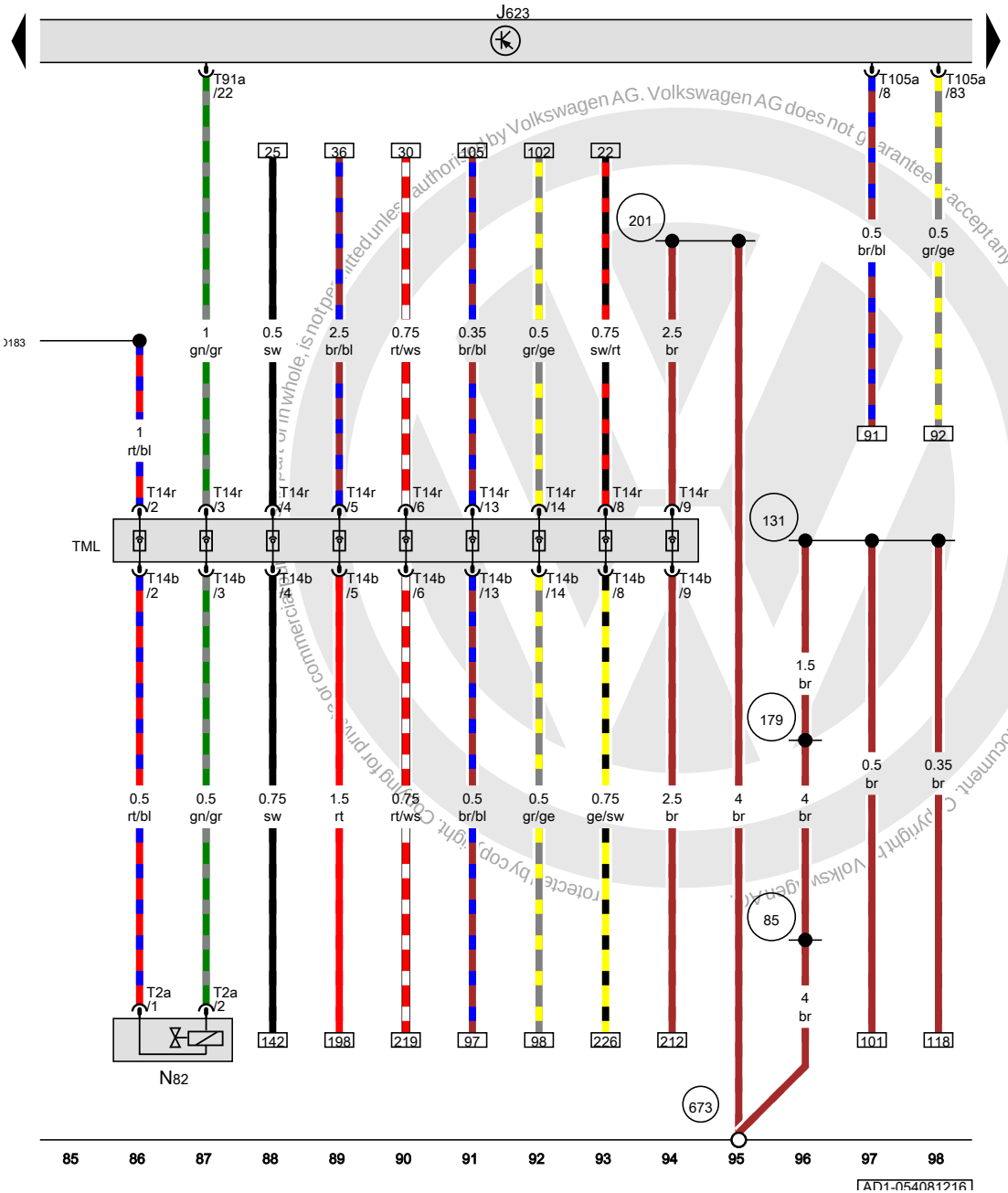
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li = purple
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or = orange
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Alternator with voltage regulator, Charge pressure sender, Radiator outlet coolant temperature sender, Engine control unit, Coolant valve for gearbox, Radiator fan

CX1	Alternator with voltage regulator
G31	Charge pressure sender
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
N488	Coolant valve for gearbox
T2cb	2-pin connector, black
T2nu	2-pin connector, black
T2nv	2-pin connector, black
T4ad	4-pin connector, black
T10e	10-pin connector, black
T10t	10-pin connector, black
T91a	91-pin connector, black
TML	Coupling point in engine compartment, left
VX57	Radiator fan
B698	Connection 3 (LIN bus) in main wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan
*2	Pre-wired component

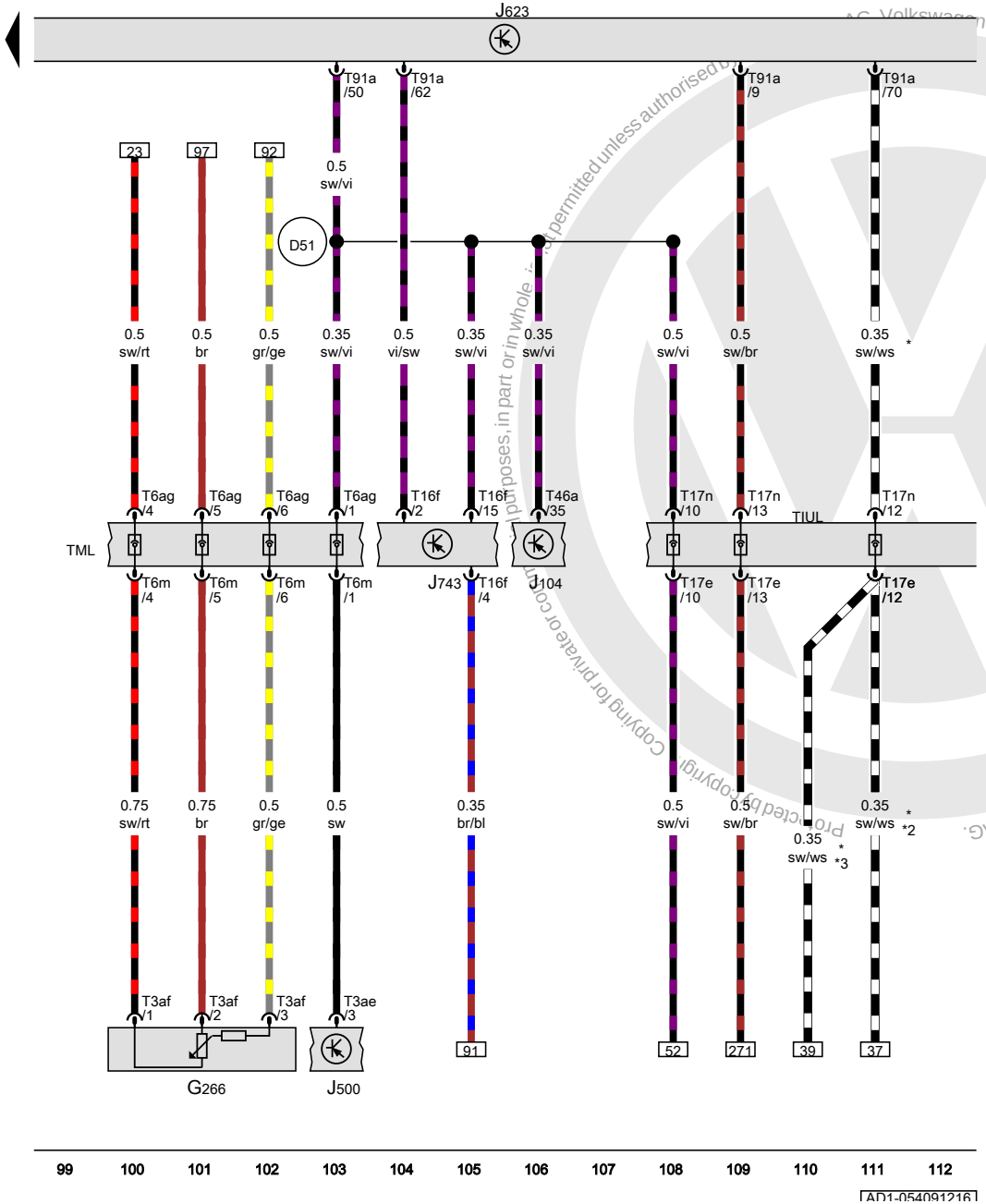


Engine control unit, Coolant shut-off valve

J623	Engine control unit
N82	Coolant shut-off valve
T2a	2-pin connector, black
T14b	14-pin connector, grey
T14r	14-pin connector, grey
T91a	91-pin connector, black
T105a	105-pin connector, black
TML	Coupling point in engine compartment, left
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
201	Earth connection 5, in engine compartment wiring harness
673	Earth point 3, on front of left longitudinal member
D183	Connection 4 (87a), in engine compartment wiring harness

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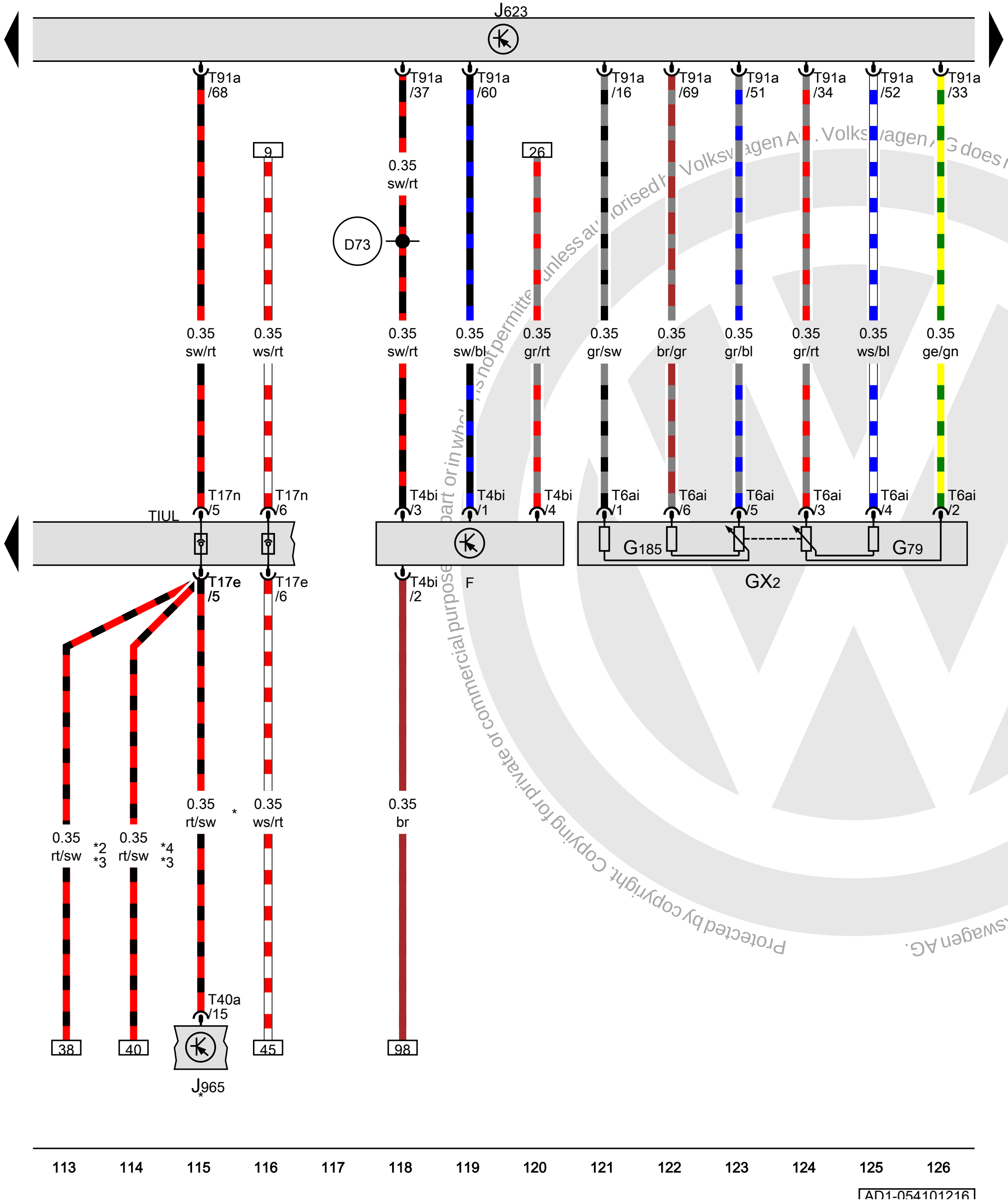
Oil level and oil temperature sender, ABS control unit, Power steering control unit, Engine control unit, Mechatronic unit for dual clutch gearbox

G266	Oil level and oil temperature sender
J104	ABS control unit
J500	Power steering control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T3ae	3-pin connector, black
T3af	3-pin connector, black
T6ag	6-pin connector, black
T6m	6-pin connector, black
T16f	16-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T46a	46-pin connector, black
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
TML	Coupling point in engine compartment, left
D51	Positive connection 1 (15), in engine compartment wiring harness
*	Only models with cruise control system
*2	Only models with no heated steering wheel
*3	Only models with heated steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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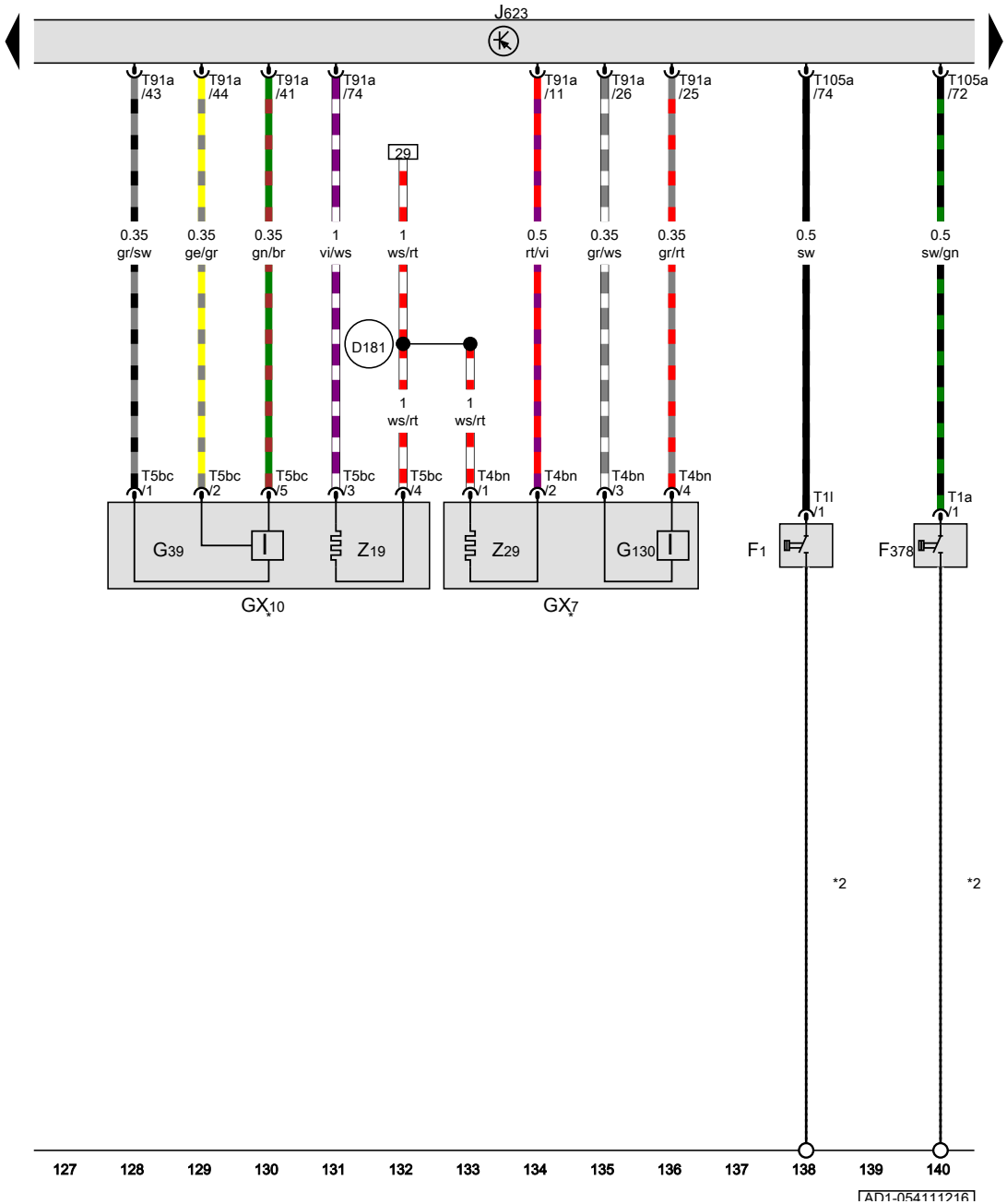
Brake light switch, Accelerator pedal module, Engine control unit, Interface for entry and start system



F	Brake light switch
GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
J965	Interface for entry and start system
T4bi	4-pin connector, black
T6ai	6-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T40a	40-pin connector, black
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
D73	Positive connection (54), in engine compartment wiring harness
*	Only models with entry and start authorisation
*2	Only models with no heated steering wheel
*3	Only models with no entry and start authorisation
*4	Only models with heated steering wheel

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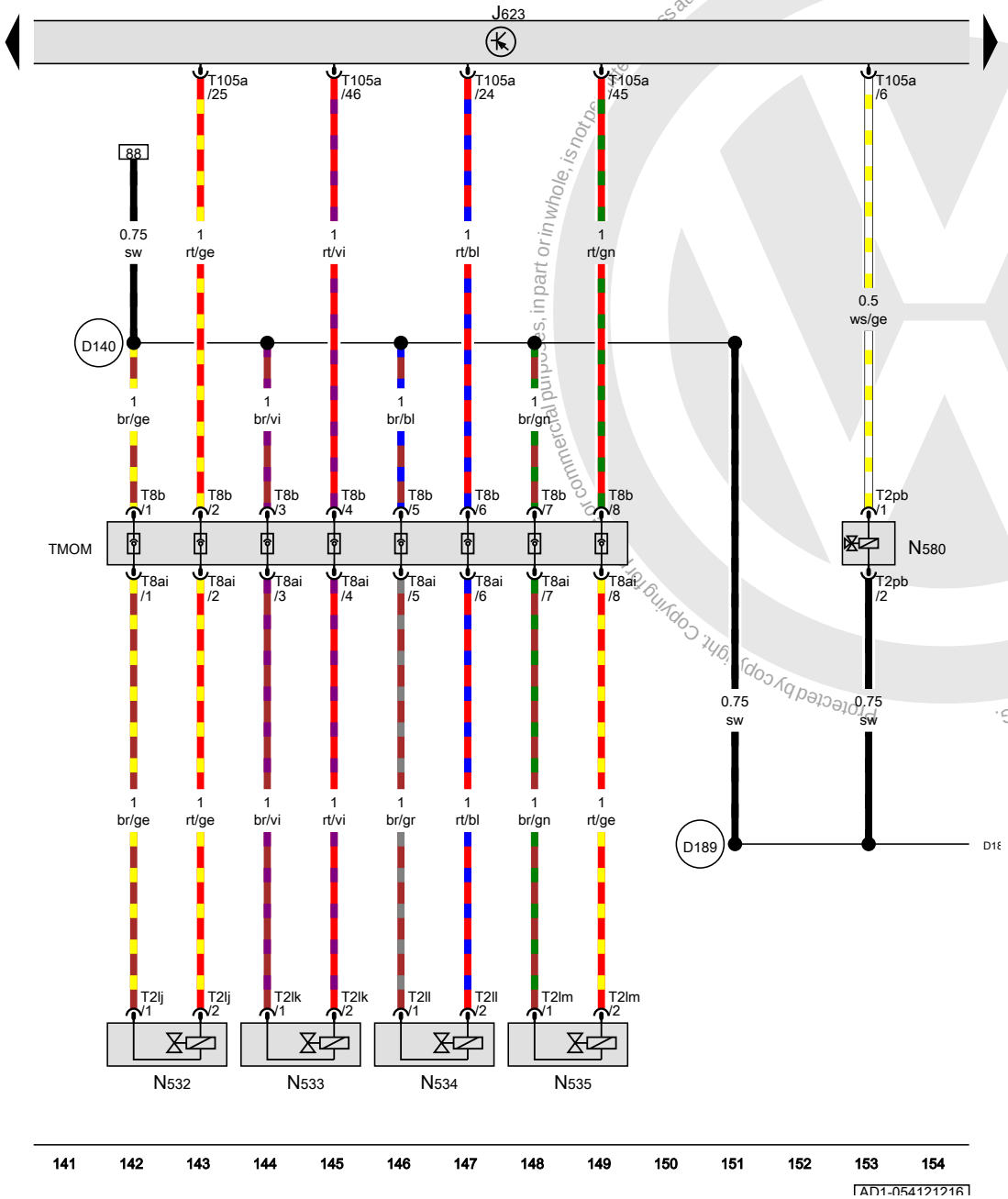


Oil pressure switch, Oil pressure switch for reduced oil pressure, Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine control unit

F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
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
T1a	1-pin connector, black
T1l	1-pin connector, dark blue
T4bn	4-pin connector, black
T5bc	5-pin connector, grey
T91a	91-pin connector, black
T105a	105-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D181	Connection 2 (87a), in engine compartment wiring harness
*	Pre-wired component
*2	Earth supply via housing

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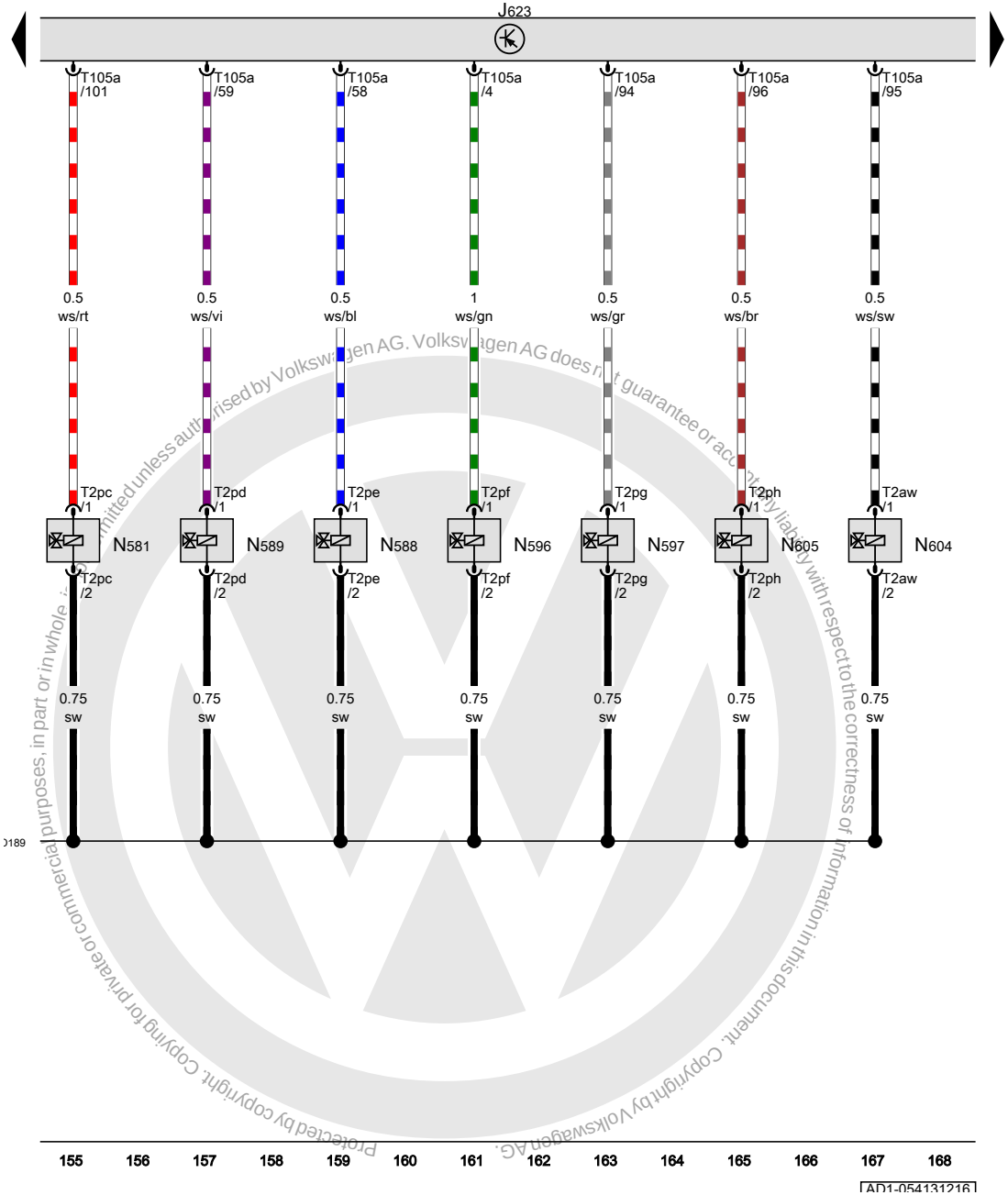


Engine control unit, Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4, Exhaust cam actuator A for cylinder 1

J623	Engine control unit
N532	Injector 2, cylinder 1
N533	Injector 2, cylinder 2
N534	Injector 2, cylinder 3
N535	Injector 2, cylinder 4
N580	Exhaust cam actuator A for cylinder 1
T2lj	2-pin connector, black
T2lk	2-pin connector, black
T2ll	2-pin connector, black
T2lm	2-pin connector, black
T2pb	2-pin connector, yellow
T8ai	8-pin connector, black
T8b	8-pin connector, black
T105a	105-pin connector, black
TMOM	Coupling point on engine, top centre
D140	Connection (injectors), in engine prewiring harness
D189	Connection (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Engine control unit, Exhaust cam actuator B for cylinder 1, Exhaust cam actuator A for cylinder 2, Exhaust cam actuator B for cylinder 2, Exhaust cam actuator A for cylinder 3, Exhaust cam actuator B for cylinder 3, Exhaust cam actuator A for cylinder 4, Exhaust cam actuator B for cylinder 4

J623	Engine control unit
N581	Exhaust cam actuator B for cylinder 1
N588	Exhaust cam actuator A for cylinder 2
N589	Exhaust cam actuator B for cylinder 2
N596	Exhaust cam actuator A for cylinder 3
N597	Exhaust cam actuator B for cylinder 3
N604	Exhaust cam actuator A for cylinder 4
N605	Exhaust cam actuator B for cylinder 4
T2aw	2-pin connector, black
T2pc	2-pin connector, black
T2pd	2-pin connector, yellow
T2pe	2-pin connector, black
T2pf	2-pin connector, yellow
T2pg	2-pin connector, black
T2ph	2-pin connector, yellow
T105a	105-pin connector, black
D189	Connection (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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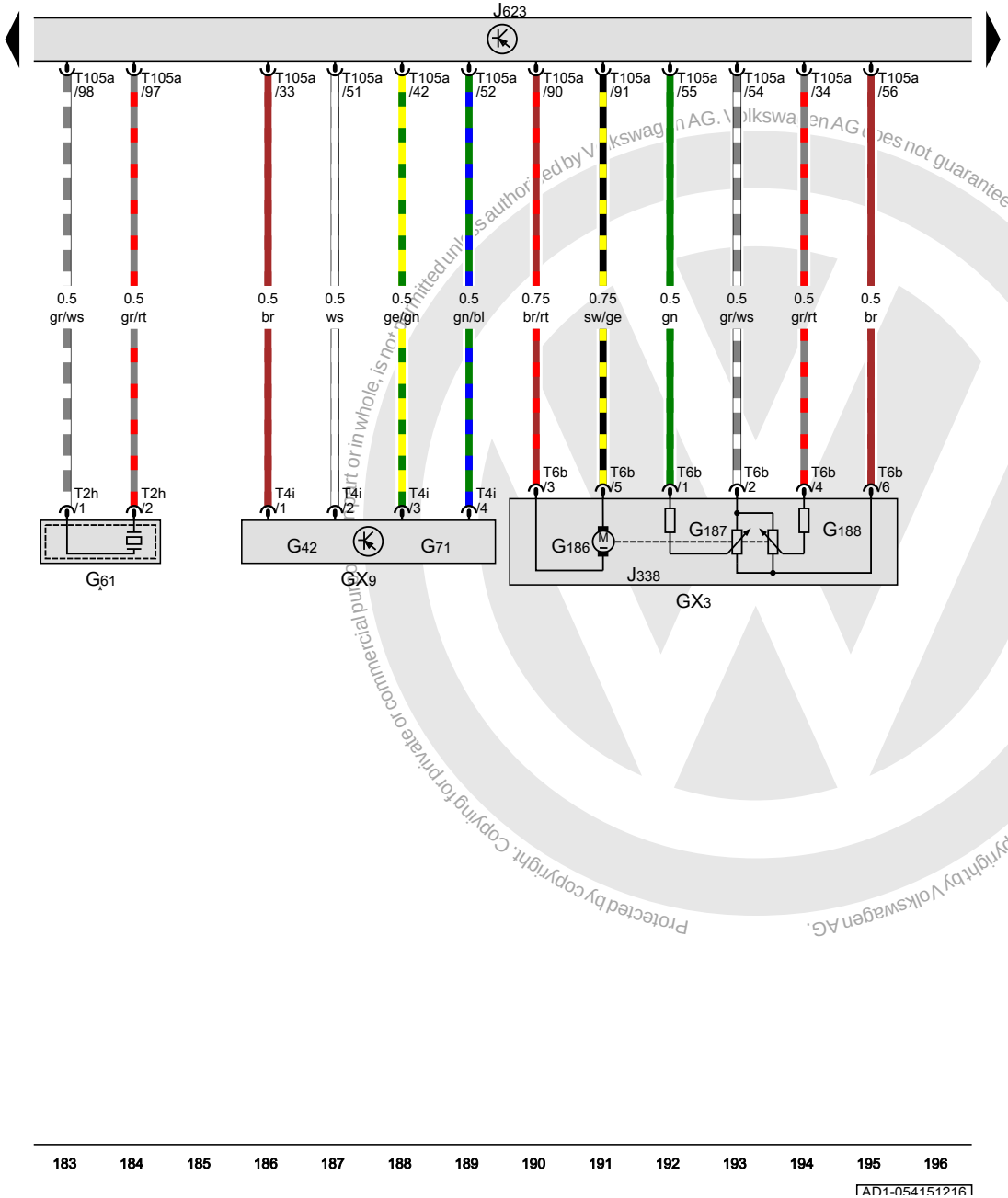
Engine speed sender, Coolant temperature sender, Hall sender 3, Fuel pressure sender for low pressure, Engine control unit



G28	Engine speed sender
G62	Coolant temperature sender
G300	Hall sender 3
G410	Fuel pressure sender for low pressure
J623	Engine control unit
T2pi	2-pin connector, yellow
T3b	3-pin connector, blue
T3d	3-pin connector, black
T3gq	3-pin connector, black
T105a	105-pin connector, black

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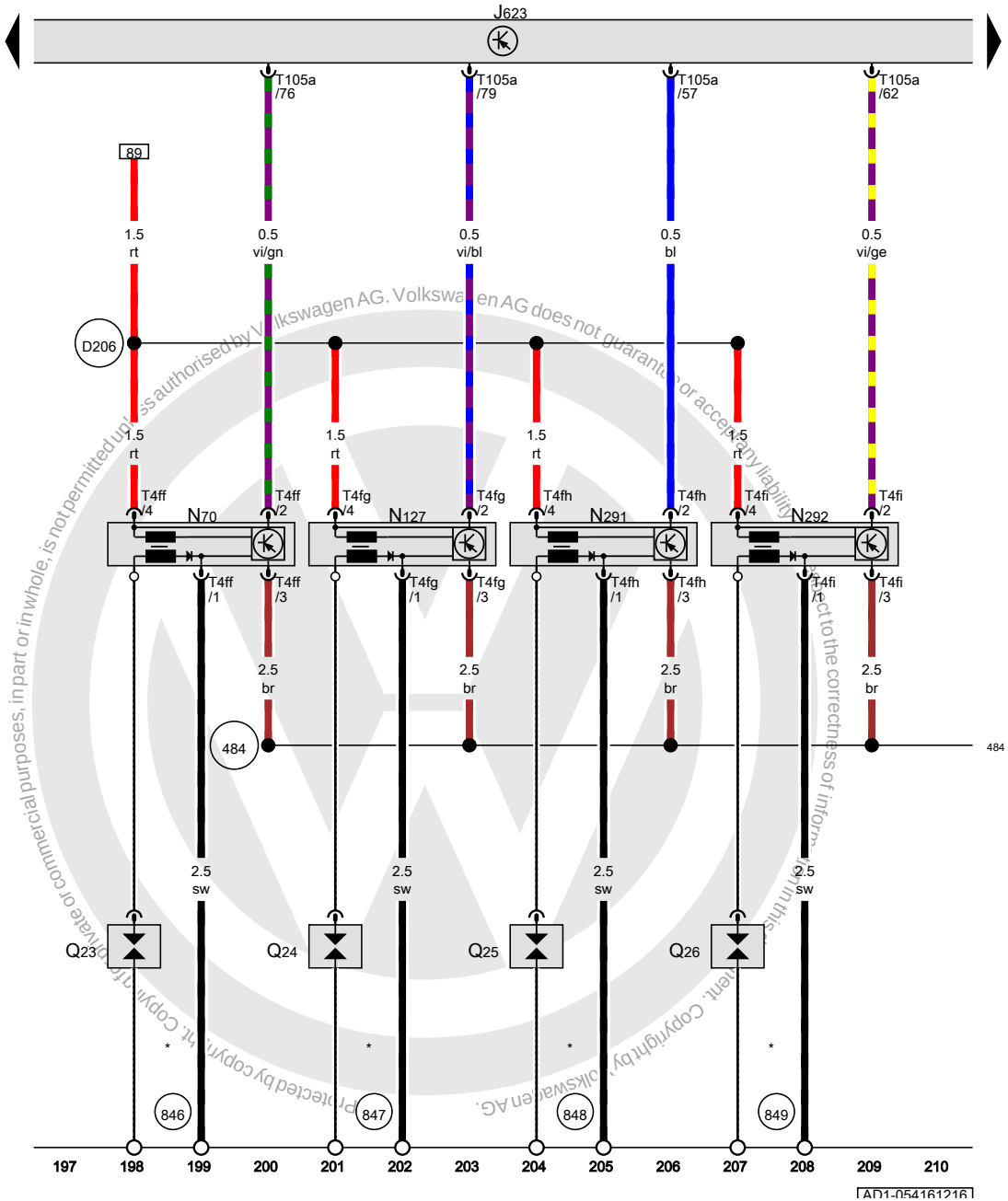


Throttle valve module, Intake manifold sender, Knock sensor 1, Engine control unit

GX3	Throttle valve module
GX9	Intake manifold sender
G42	Intake air temperature sender
G61	Knock sensor 1
G71	Intake manifold pressure 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
J338	Throttle valve module
J623	Engine control unit
T2h	2-pin connector, black
T4i	4-pin connector, black
T6b	6-pin connector, black
T105a	105-pin connector, black
*	Pre-wired component

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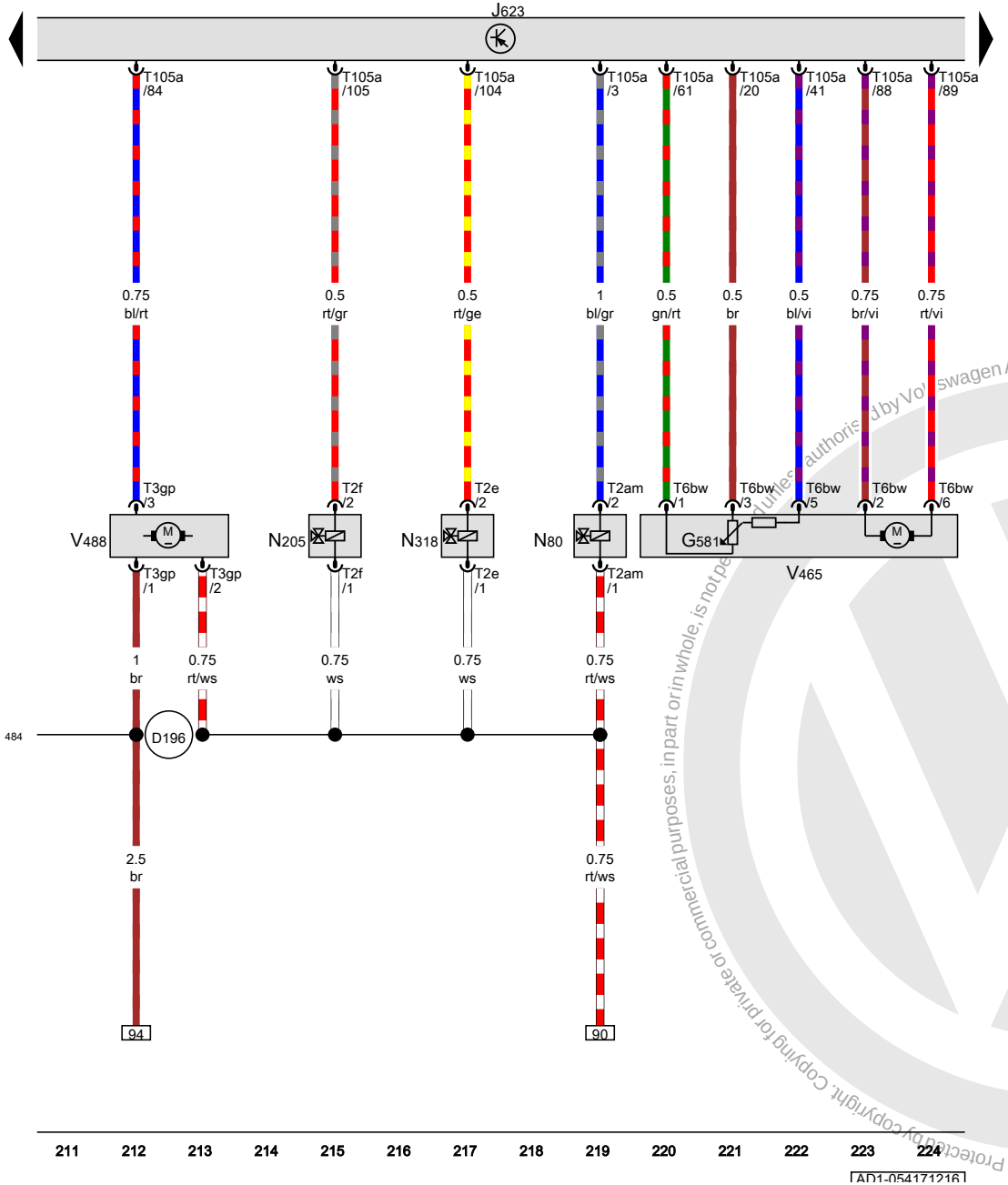


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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
T4ff	4-pin connector, black
T4fg	4-pin connector, black
T4fh	4-pin connector, black
T4fi	4-pin connector, black
T105a	105-pin connector, black
484	Earth connection 2 (ignition coils), in engine prewiring harness
846	Earth point on ignition coil 1
847	Earth point on ignition coil 2
848	Earth point on ignition coil 3
849	Earth point on ignition coil 4
D206	Connection 4 (87a) in engine prewiring harness
*	Earth supply via housing

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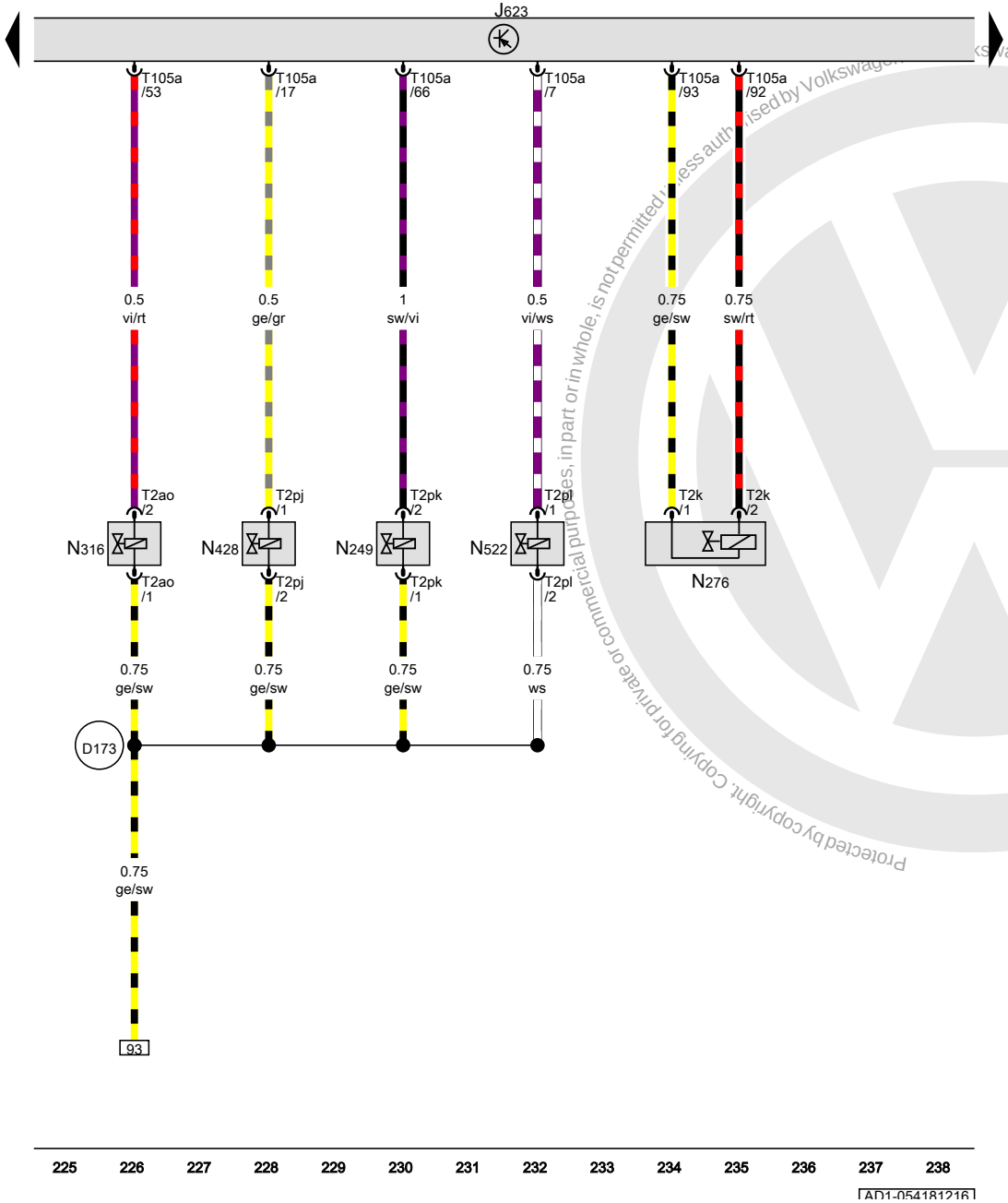


Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Charge pressure positioner, Auxiliary pump for heating

G581	Position sender for charge pressure positioner
J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N318	Exhaust camshaft control valve 1
T2am	2-pin connector, black
T2e	2-pin connector, black
T2f	2-pin connector, black
T3gp	3-pin connector, black
T6bw	6-pin connector, grey
T105a	105-pin connector, black
V465	Charge pressure positioner
V488	Auxiliary pump for heating
484	Earth connection 2 (ignition coils), in engine prewiring harness
D196	Connection 2 (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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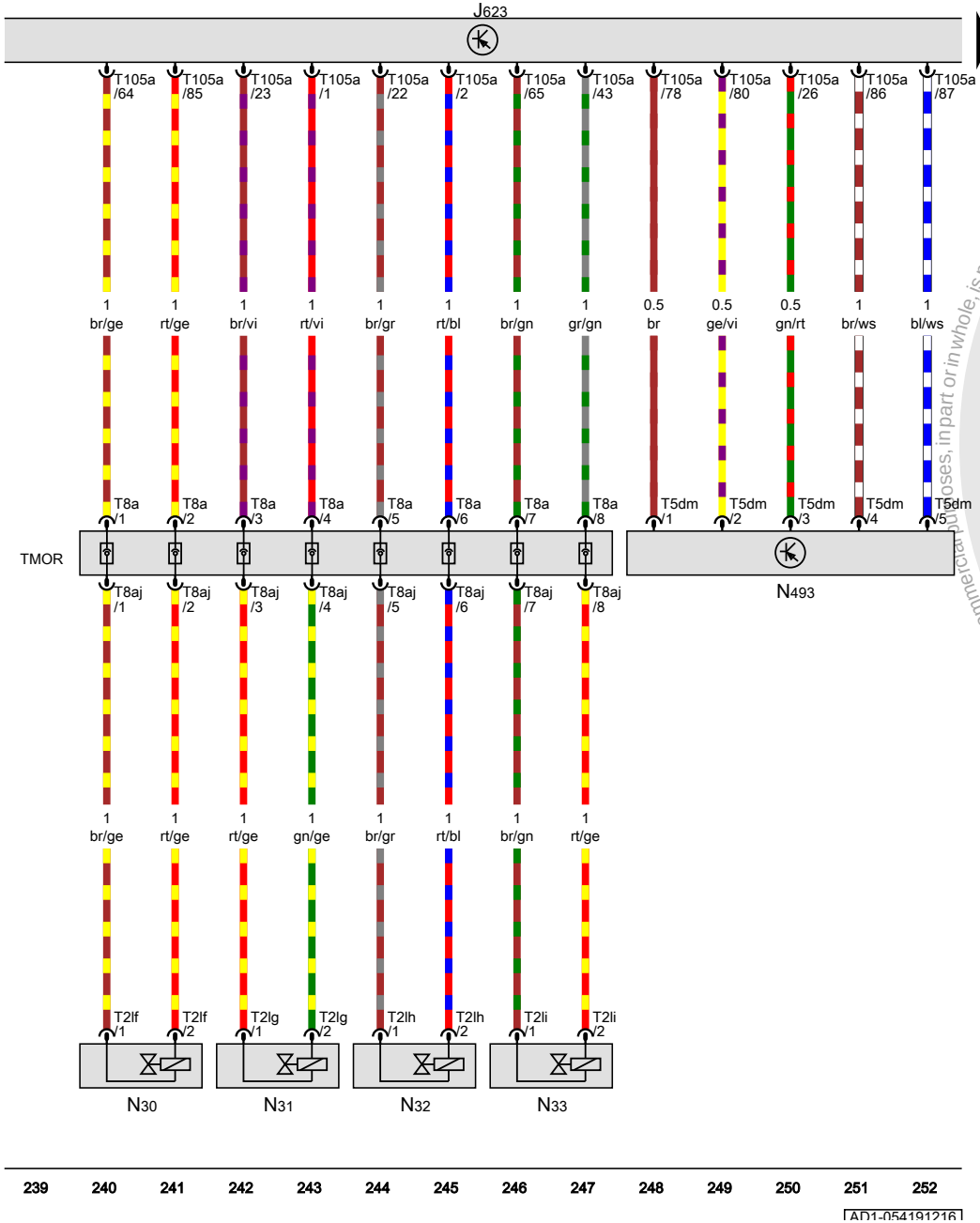
Engine control unit, Turbocharger air recirculation valve, Fuel pressure regulating valve, Intake manifold flap valve, Valve for oil pressure control, Piston cooling jet control valve

J623	Engine control unit
N249	Turbocharger air recirculation valve
N276	Fuel pressure regulating valve
N316	Intake manifold flap valve
N428	Valve for oil pressure control
N522	Piston cooling jet control valve
T2ao	2-pin connector, black
T2k	2-pin connector, black
T2pj	2-pin connector, black
T2pk	2-pin connector, black
T2pl	2-pin connector, black
T105a	105-pin connector, black
D173	Connection (87), in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Actuator for engine temperature regulation



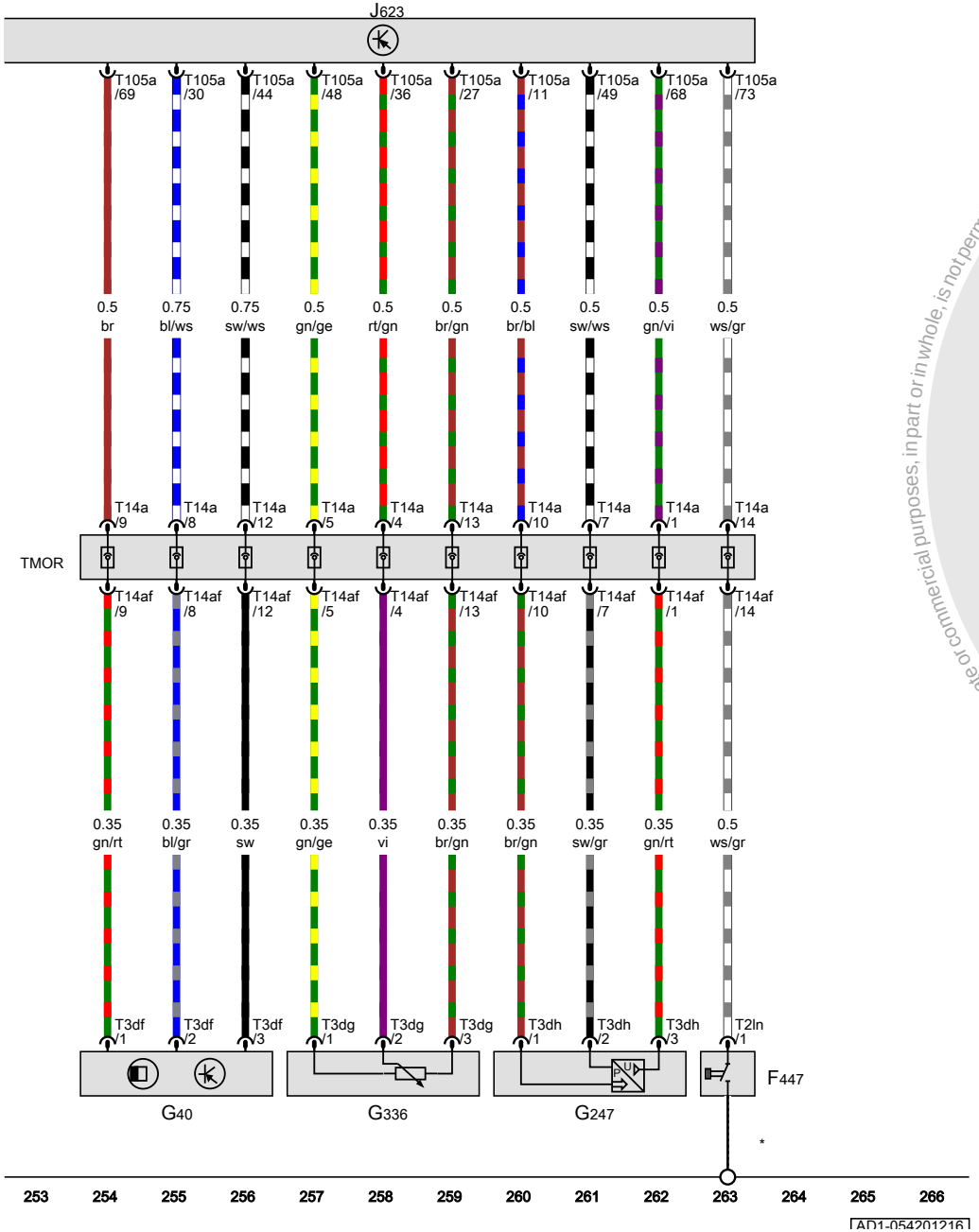
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N493	Actuator for engine temperature regulation
T2lf	2-pin connector, black
T2lg	2-pin connector, black
T2lh	2-pin connector, black
T2li	2-pin connector, black
T5dm	5-pin connector, black
T8a	8-pin connector, black
T8aj	8-pin connector, black
T105a	105-pin connector, black
TMOR	Coupling point on engine, top right

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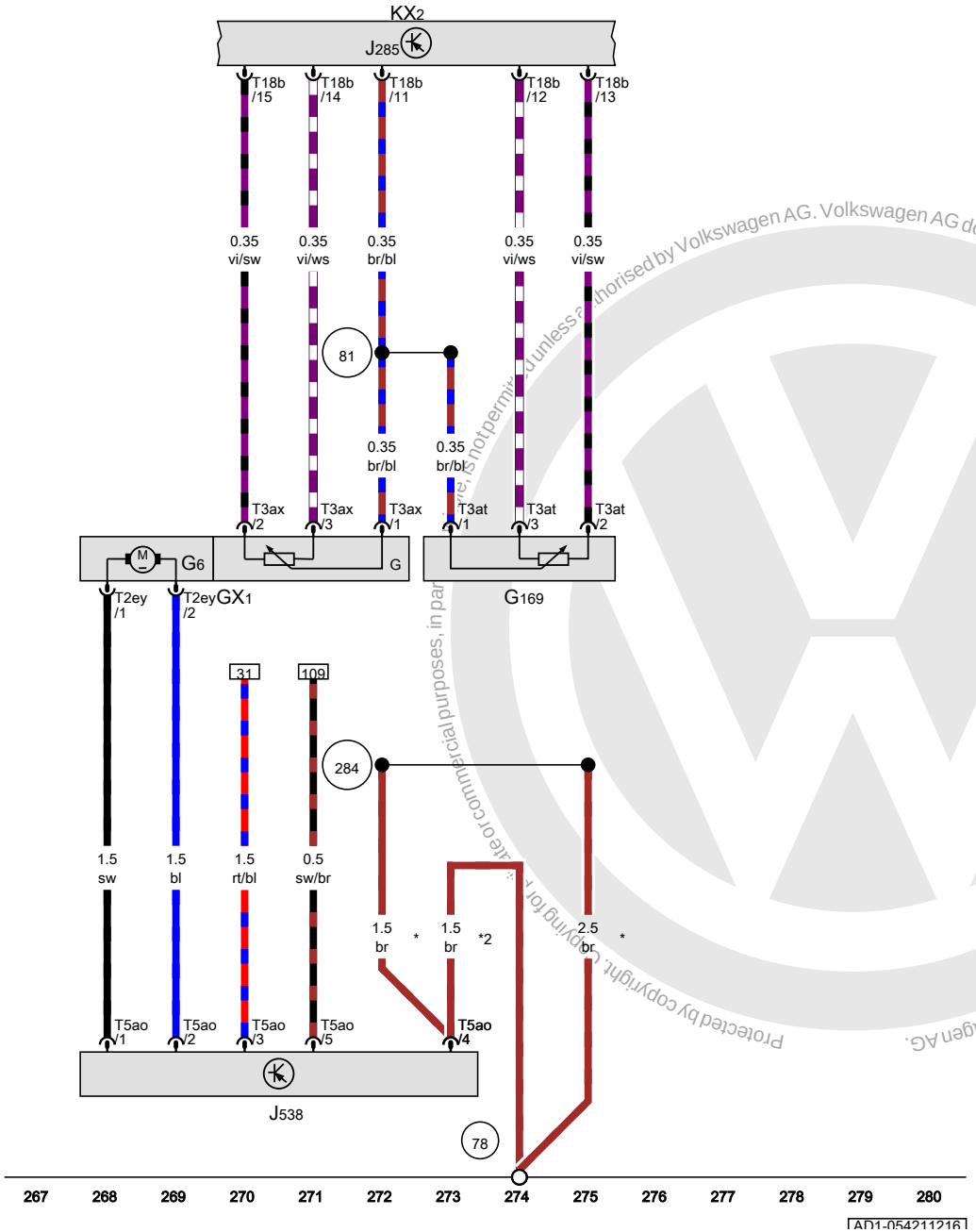
Stage 3 oil pressure switch, Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine control unit

F447	Stage 3 oil pressure switch
G40	Hall sender
G247	Fuel pressure sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
T2ln	2-pin connector, black
T3df	3-pin connector, black
T3dg	3-pin connector, black
T3dh	3-pin connector, black
T14a	14-pin connector, black
T14af	14-pin connector, black
T105a	105-pin connector, black
TMOR	Coupling point on engine, top right
*	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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Fuel delivery unit, Fuel gauge sender 2, Fuel pump control unit, Dash panel insert

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
KX2	Dash panel insert
T2ey	2-pin connector, black
T3at	3-pin connector, black
T3ax	3-pin connector, black
T5ao	5-pin connector, black
T18b	18-pin connector, black
78	Earth point, lower part of right B-pillar
81	Earth connection 1, in dash panel wiring harness
284	Earth connection 6, in interior wiring harness
*	Only models with no auxiliary heater
*2	Only models with auxiliary heating

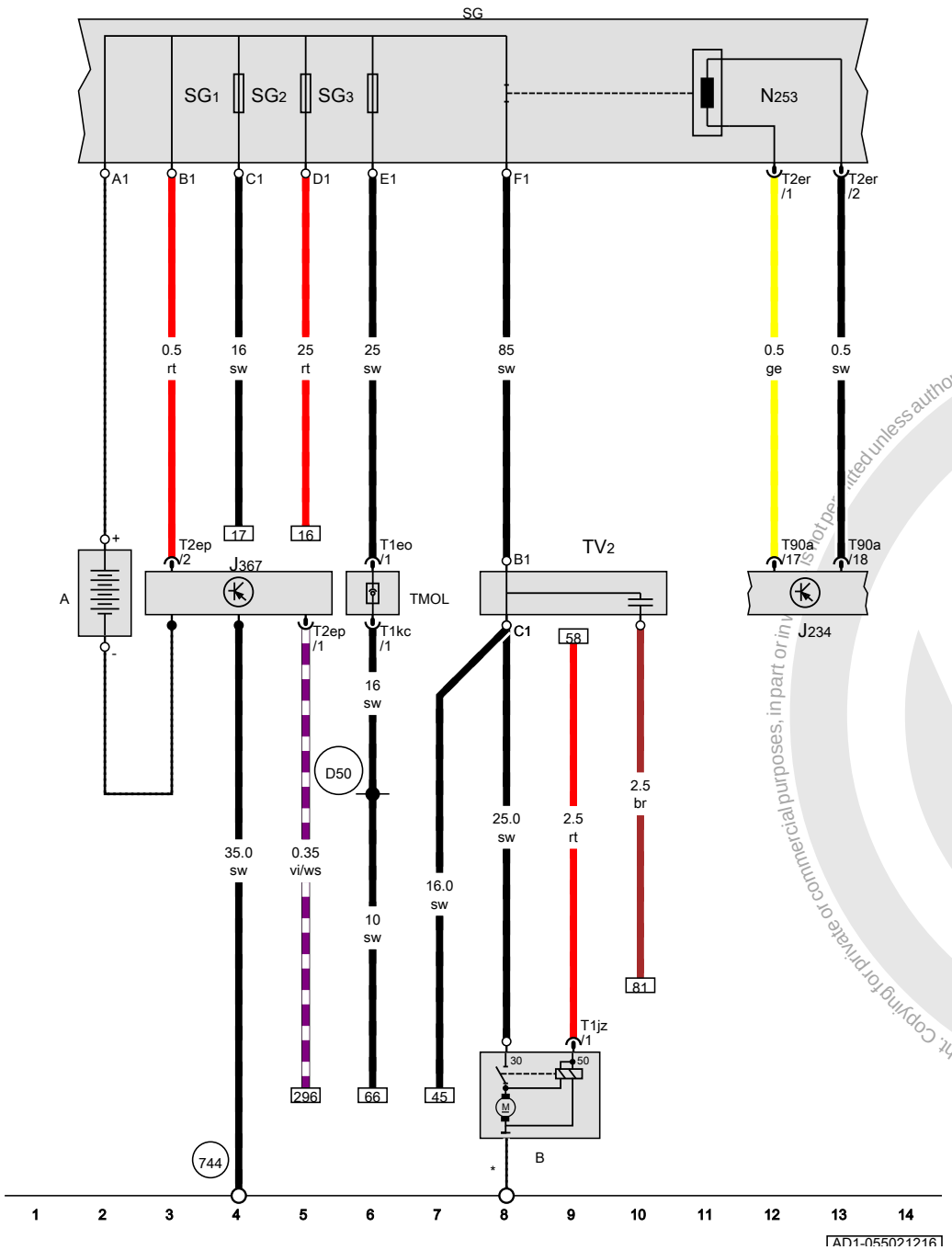
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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2.0l diesel engine , CUAA

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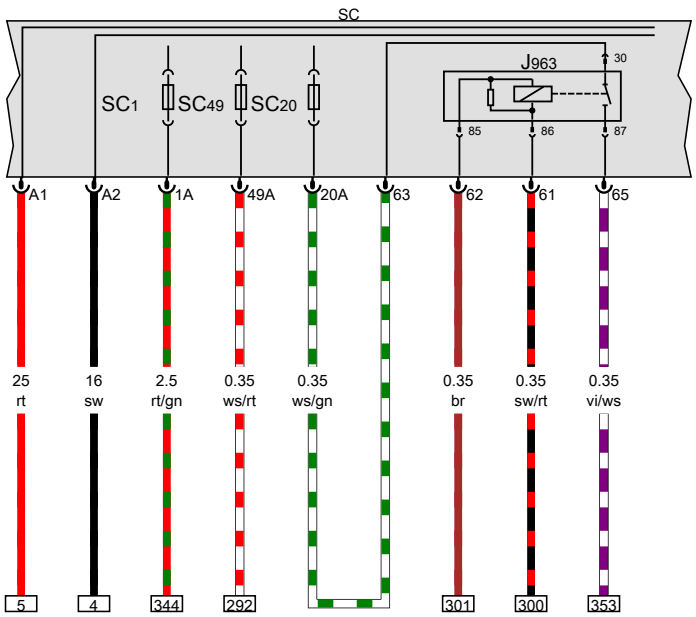


Starter, Airbag control unit, Battery monitor control unit, Fuse holder G, Terminal 30 wiring junction

A	Battery, in luggage compartment
B	Starter
J234	Airbag control unit
J367	Battery monitor control unit, on earth cable battery clamp
N253	Battery isolation igniter
SG	Fuse holder G
SG1	Fuse 1 on fuse holder G
SG2	Fuse 2 on fuse holder G
SG3	Fuse 3 on fuse holder G
T1eo	1-pin connector, black
T1jz	1-pin connector, black
T1kc	1-pin connector, black
T2ep	2-pin connector, black
T2er	2-pin connector, yellow
T90a	90-pin connector, yellow
TMOL	Coupling point on engine, top left
TV2	Terminal 30 wiring junction
744	Earth point in spare wheel well
D50	Positive connection (30), in engine compartment wiring 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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Fuse holder C

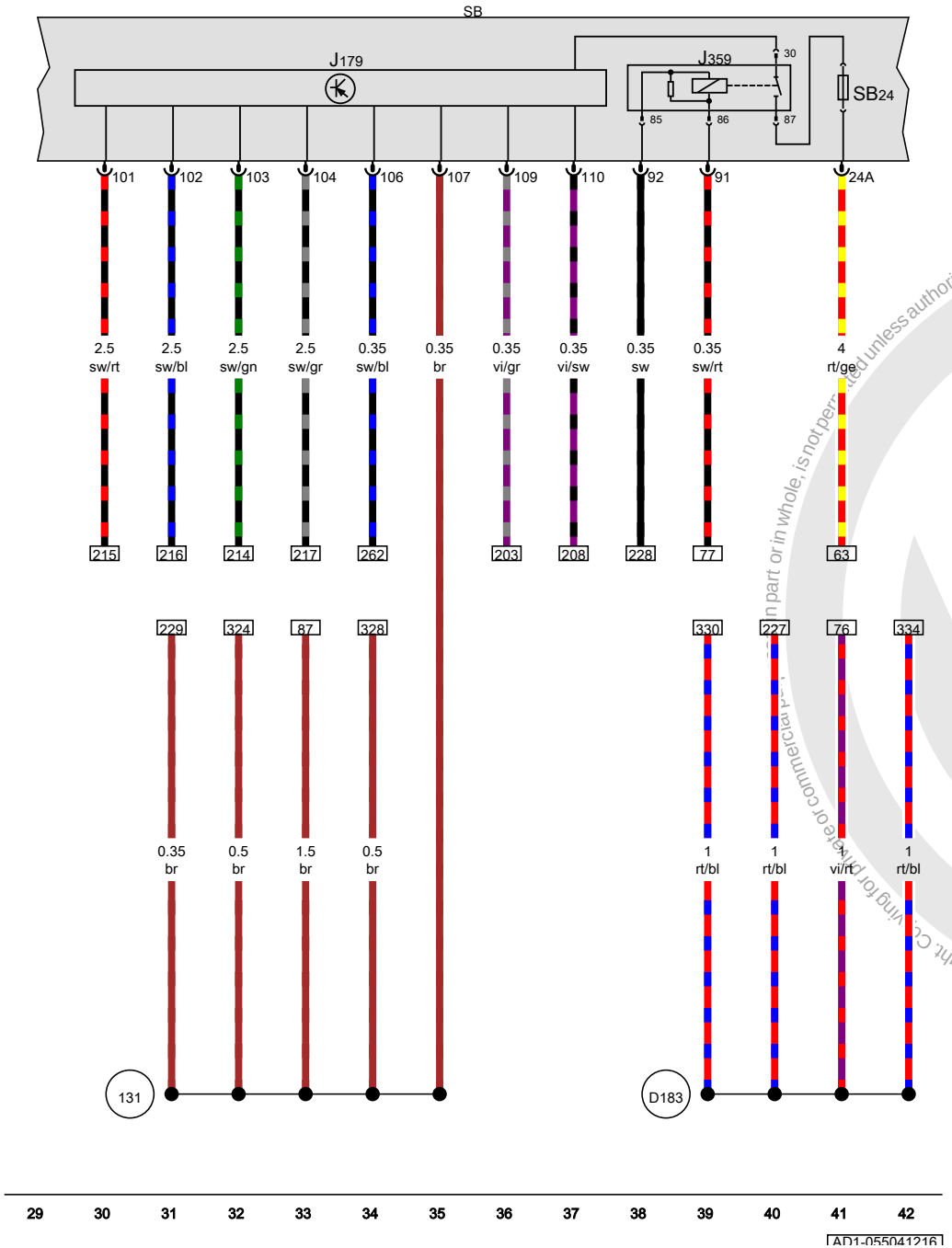
J963	Relay for reducing agent metering system
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC49	Fuse 49 on fuse holder C

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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

15 16 17 18 19 20 21 22 23 24 25 26 27 28

AD1-0550312161

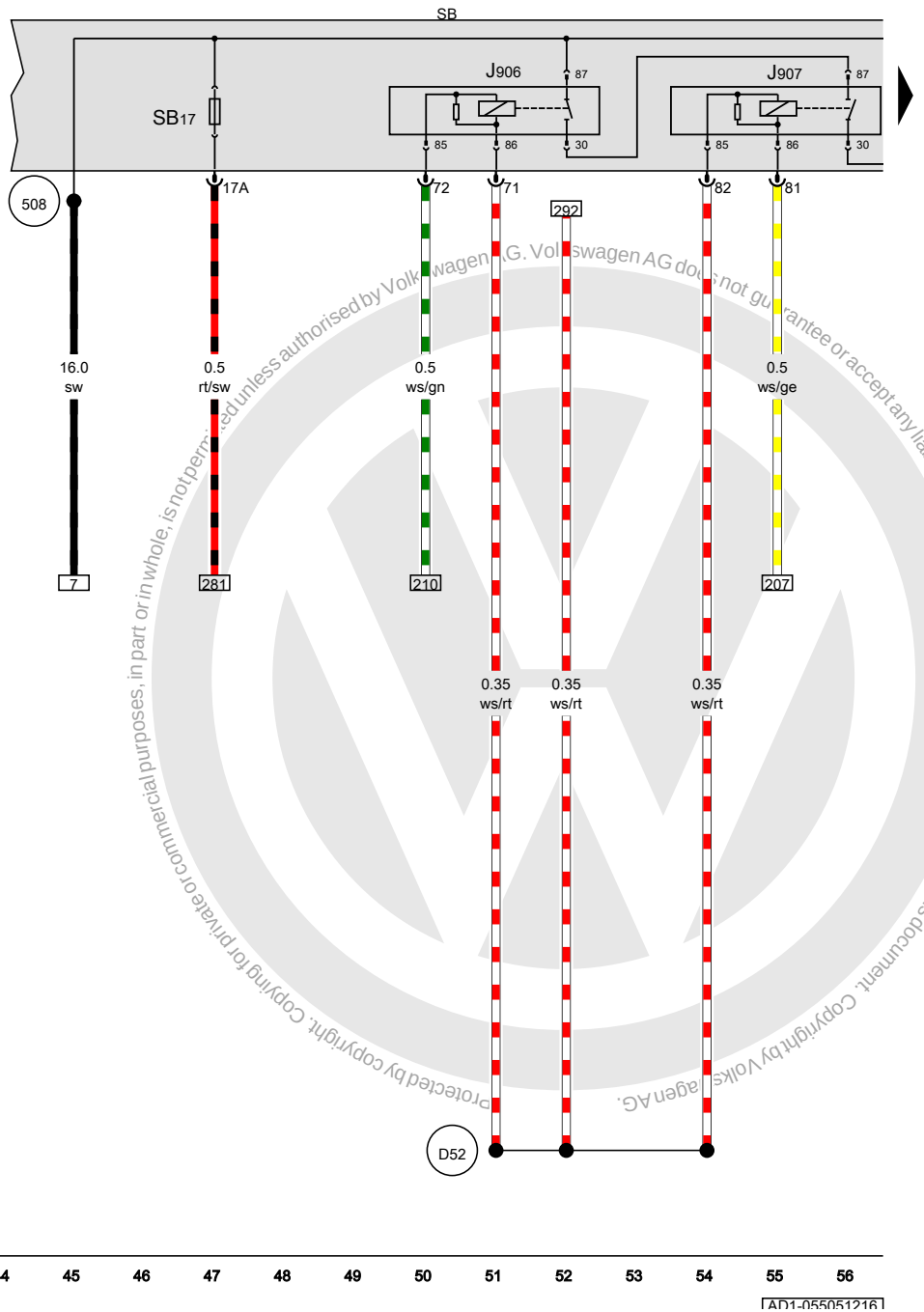


Low heat output relay, Fuse holder B

J179	Automatic glow period control unit
J359	Low heat output relay
SB	Fuse holder B
SB24	Fuse 24 on fuse holder B
131	Earth connection 2, in engine compartment wiring harness
D183	Connection 4 (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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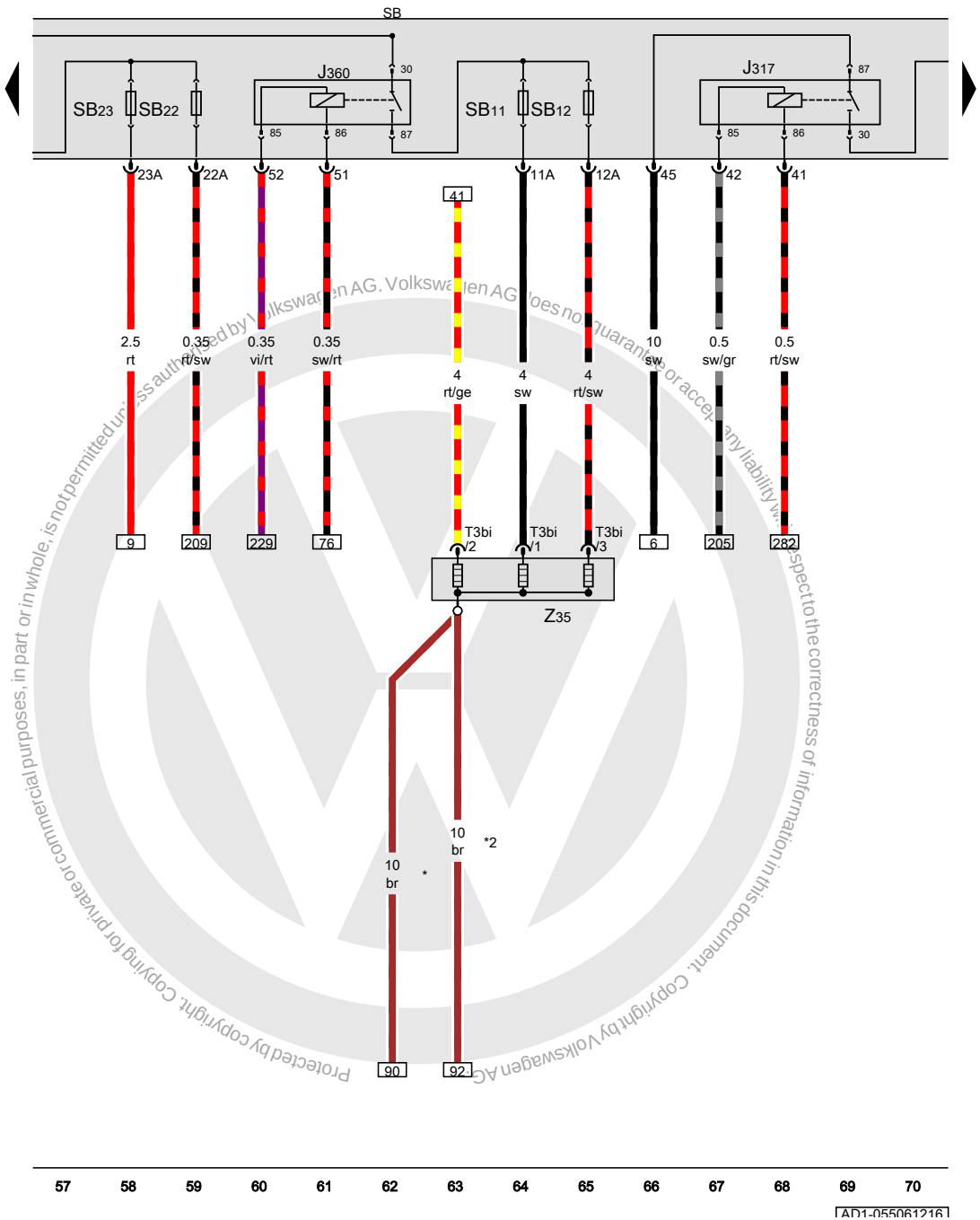


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Starter relay 1, Starter relay 2, Fuse holder B

J906	Starter relay 1
J907	Starter relay 2
SB	Fuse holder B
SB17	Fuse 17 on fuse holder B
508	Threaded connection (30) on E-box
D52	Positive connection (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

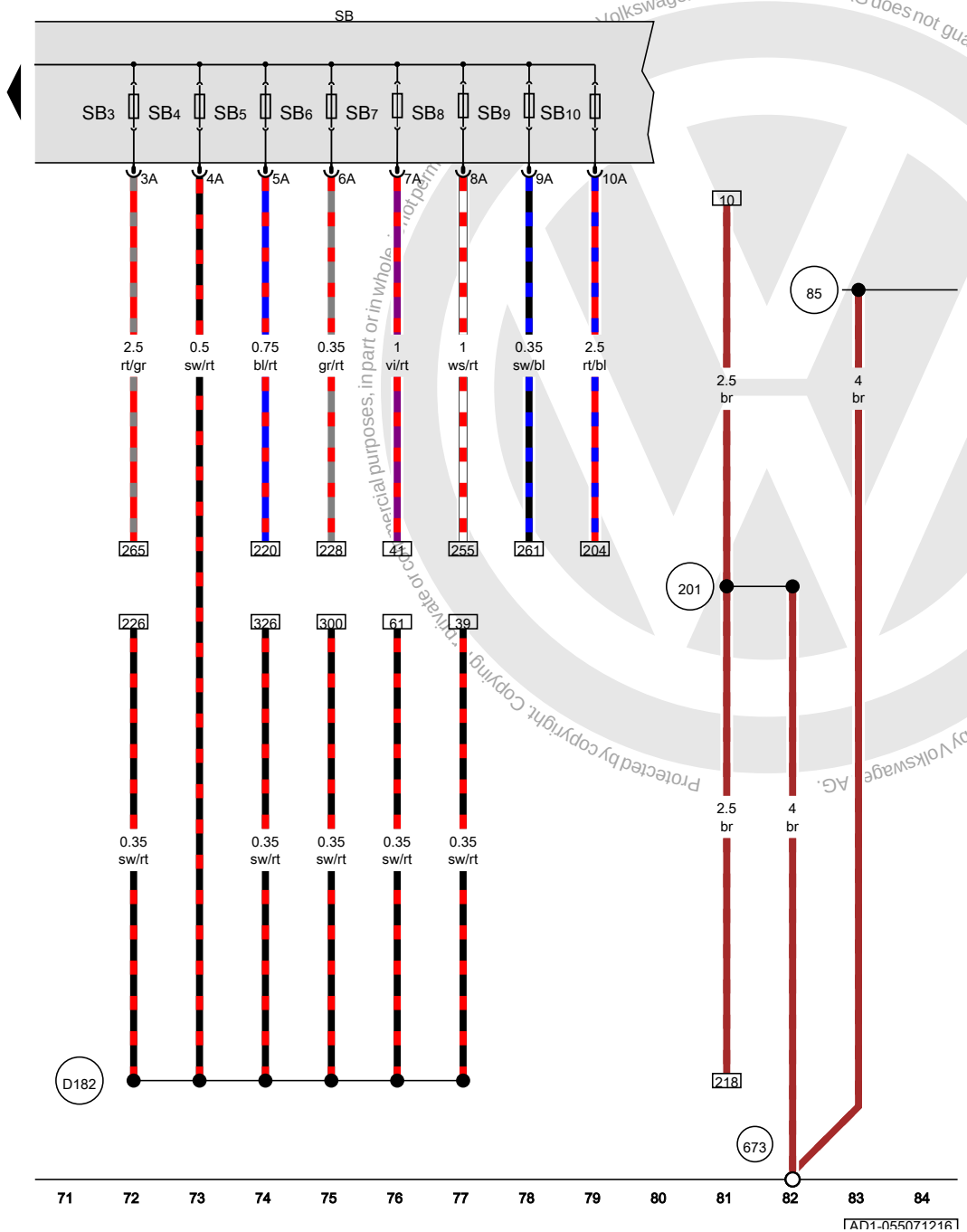


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Terminal 30 voltage supply relay, High heat output relay, Fuse holder B, Auxiliary air heater element

J317	Terminal 30 voltage supply relay
J360	High heat output relay
SB	Fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
T3bi	3-pin connector, black
Z35	Auxiliary air heater element
*	Only right-hand drive models
*2	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

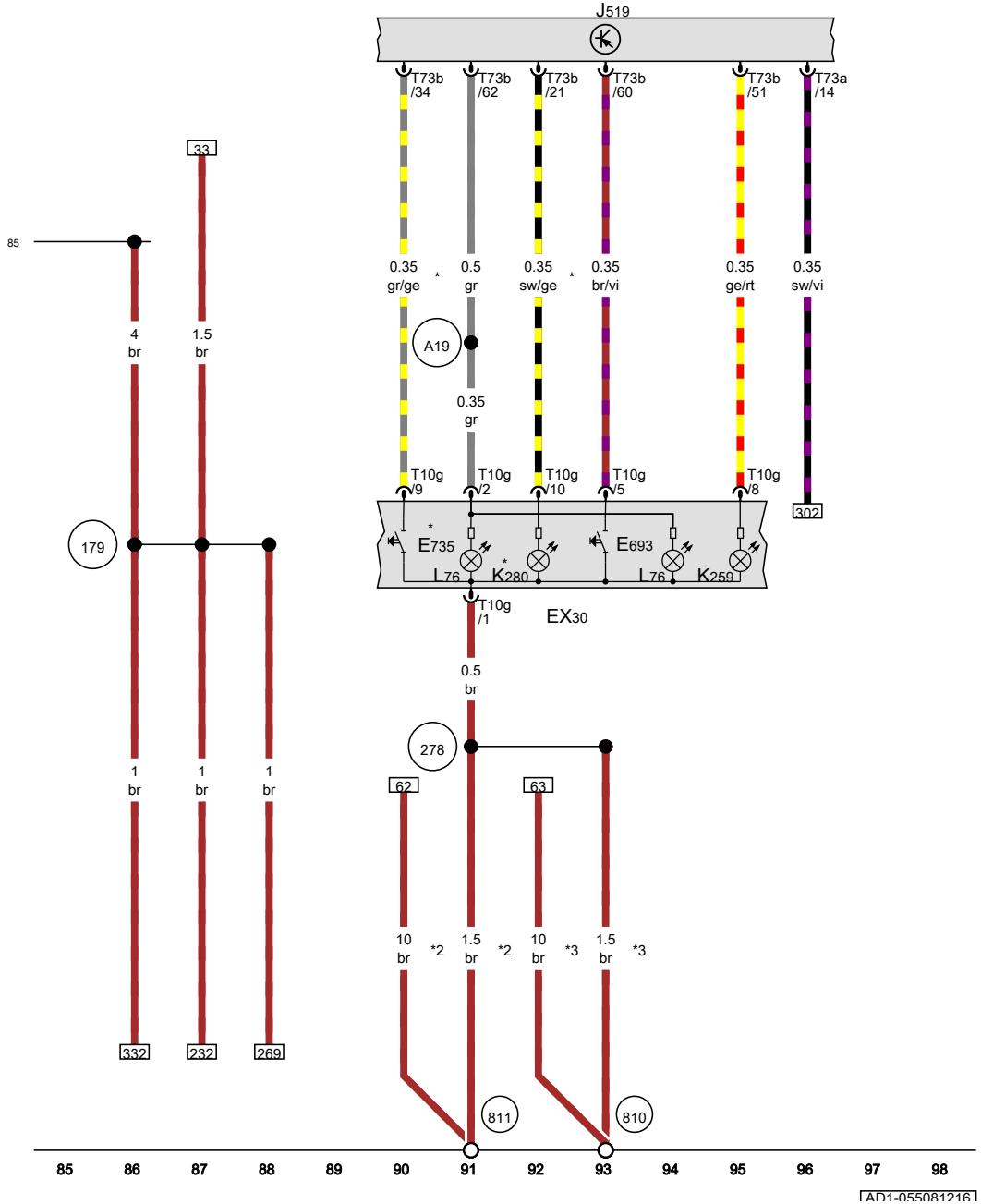


Fuse holder B

SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 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
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
85	Earth connection 1, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
673	Earth point 3, on front of left longitudinal member
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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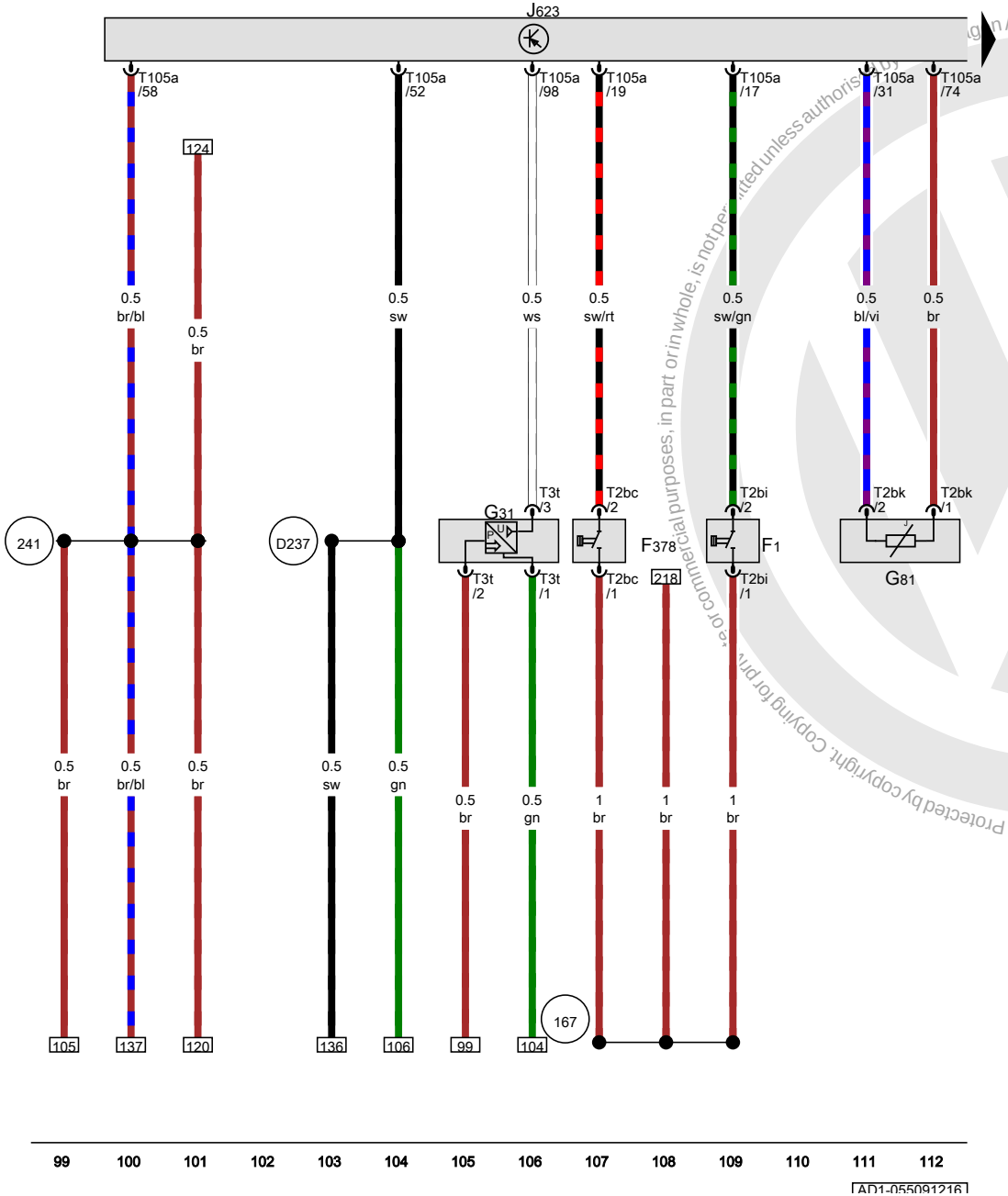


Switch module 2 in centre console, Onboard supply control unit

EX30	Switch module 2 in centre console
E693	Start/Stop operation button
E735	Driving mode selection button
J519	Onboard supply control unit
K259	Start/Stop operation warning lamp
K280	Driving mode selection warning lamp
L76	Button illumination bulb
T10g	10-pin connector, red
T73a	73-pin connector, black
T73b	73-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
278	Earth connection 4, in interior wiring harness
810	Earth point on central tube for dash panel, centre left
811	Earth point on central tube for dash panel, centre right
A19	Connection (58d), in dash panel wiring harness
*	According to equipment
*2	Only right-hand drive models
*3	Only left-hand drive models

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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

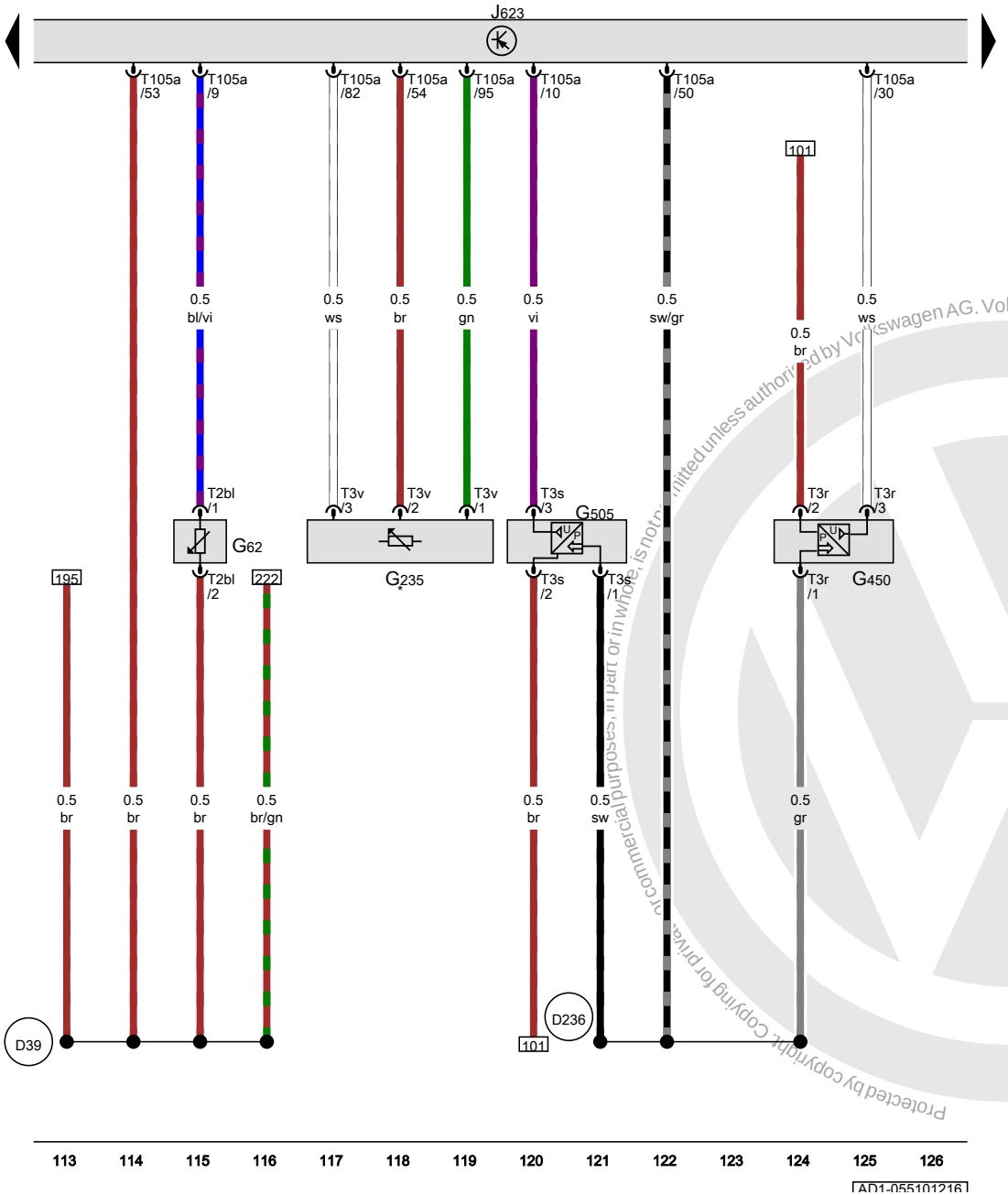


Oil pressure switch, Oil pressure switch for reduced oil pressure, Charge pressure sender, Fuel temperature sender, Engine control unit

F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G31	Charge pressure sender
G81	Fuel temperature sender
J623	Engine control unit
T2bc	2-pin connector, black
T2bi	2-pin connector, red
T2bk	2-pin connector, black
T3t	3-pin connector, black
T105a	105-pin connector, black
167	Earth connection 4, in engine compartment wiring harness
241	Earth connection 2, engine earth in engine wiring harness
D237	Connection 6 (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
rs	=	pink

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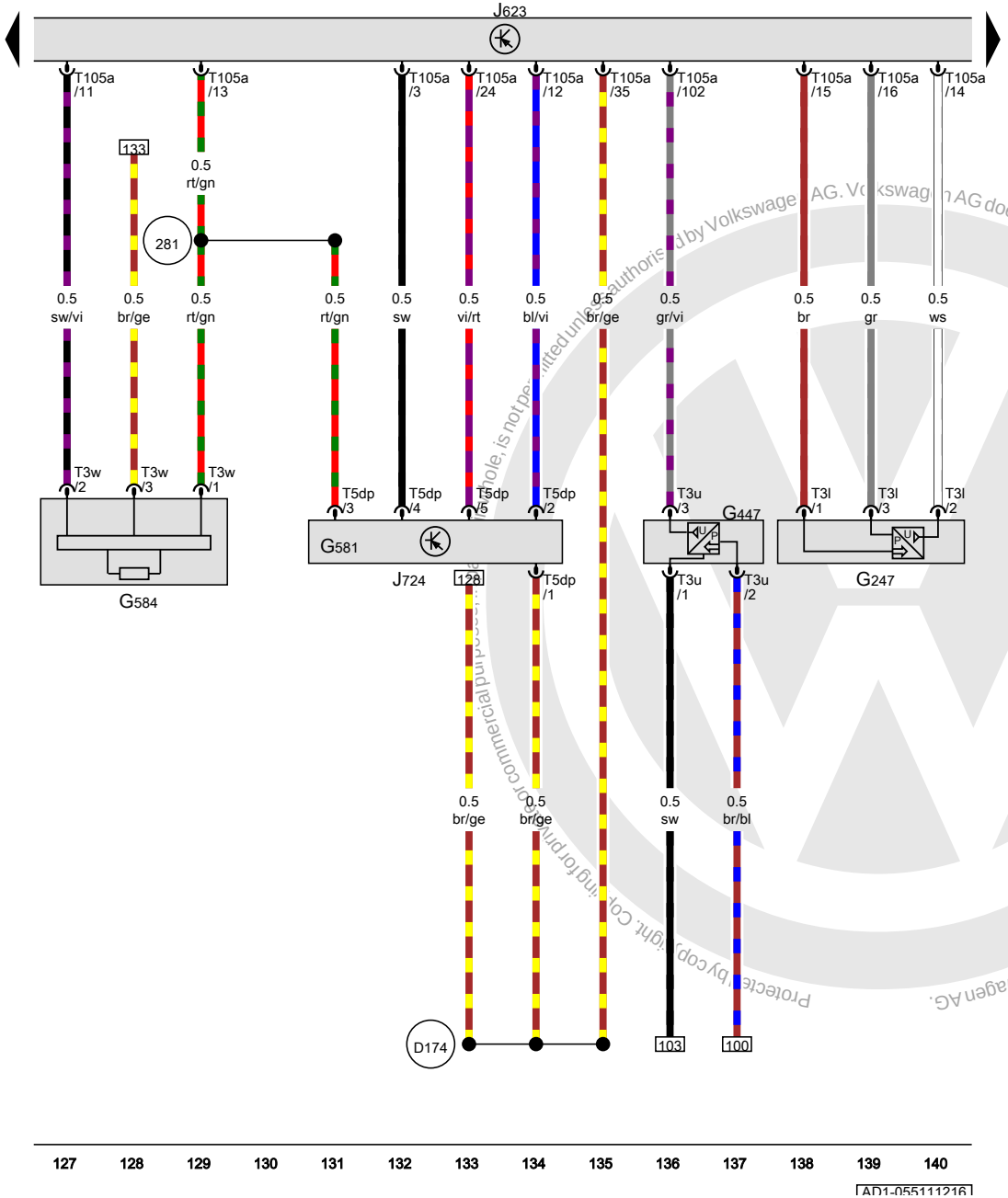


Coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas pressure sensor 1, Pressure differential sender, Engine control unit

G62	Coolant temperature sender
G235	Exhaust gas temperature sender 1
G450	Exhaust gas pressure sensor 1
G505	Pressure differential sender
J623	Engine control unit
T2bl	2-pin connector, brown
T3r	3-pin connector, black
T3s	3-pin connector, black
T3v	3-pin connector, black
T105a	105-pin connector, black
D39	Connection 1, in engine prewiring harness
D236	Connection 5 (5V) in engine prewiring 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

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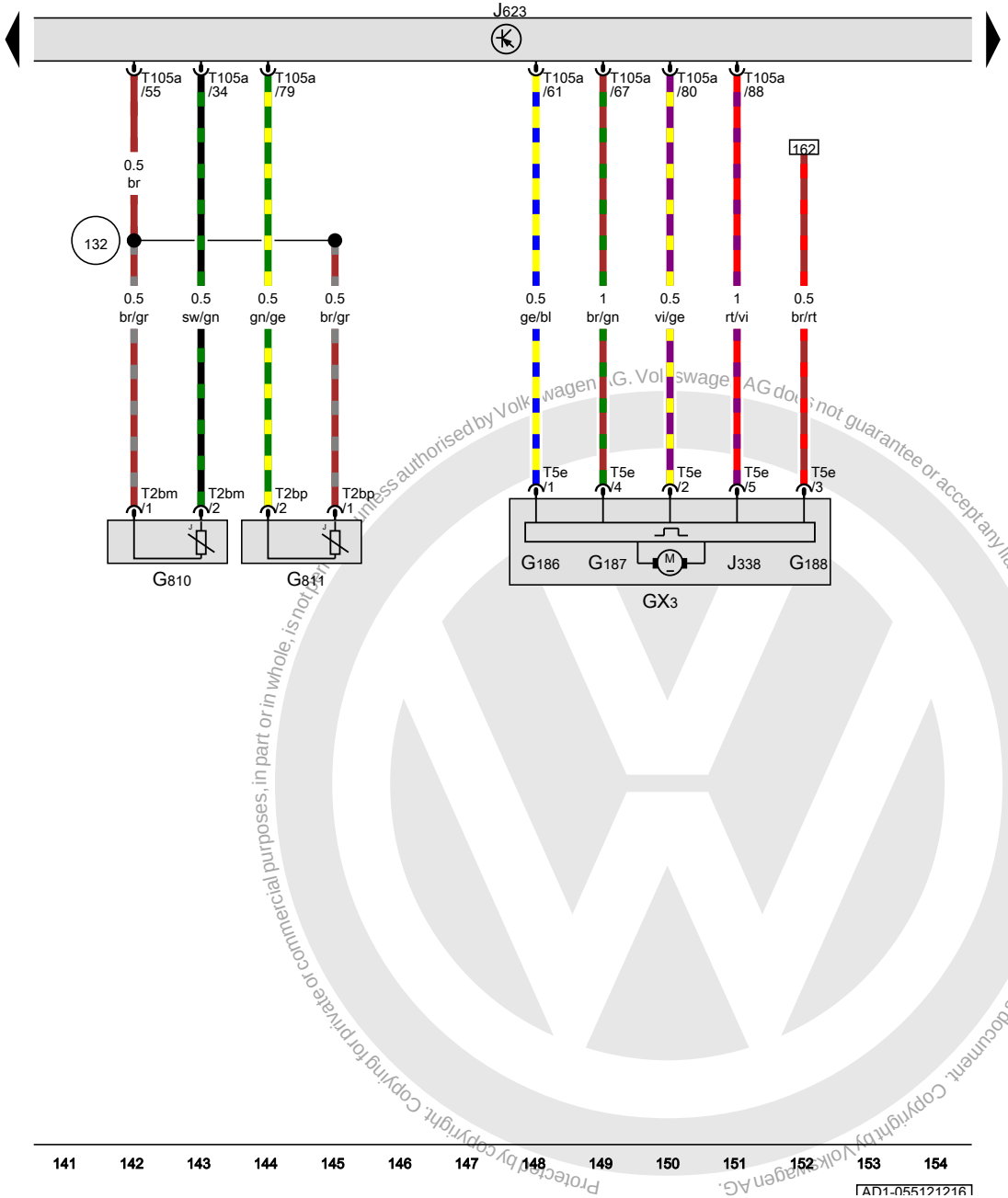


Fuel pressure sender, Charge pressure sender 2, Engine control unit, Turbocharger 1 control unit

G247	Fuel pressure sender
G447	Charge pressure sender 2
G581	Position sender for charge pressure positioner
G584	Regulating flap potentiometer
J623	Engine control unit
J724	Turbocharger 1 control unit
T3l	3-pin connector, black
T3u	3-pin connector, black
T3w	3-pin connector, dark blue
T5dp	5-pin connector, green
T105a	105-pin connector, black
281	Earth point 1, engine prewiring harness
D174	Connection 2 (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
rs	=	pink

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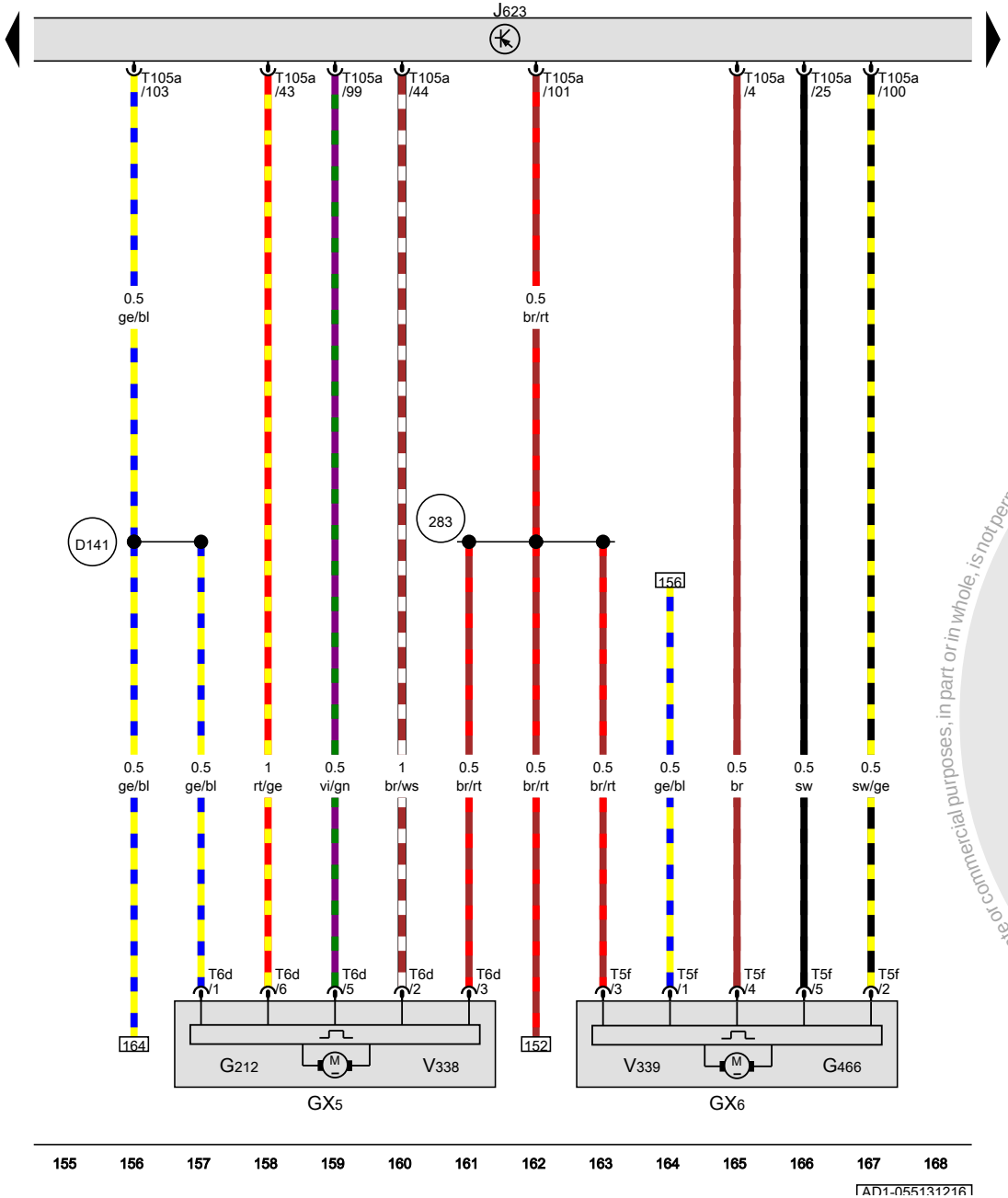


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Throttle valve module, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Engine control unit

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
G810	Charge air temperature sender before charge air cooler
G811	Charge air temperature sender after charge air cooler
J338	Throttle valve module
J623	Engine control unit
T2bm	2-pin connector, black
T2bp	2-pin connector, black
T5e	5-pin connector, black
T105a	105-pin connector, black
132	Earth connection 3, 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

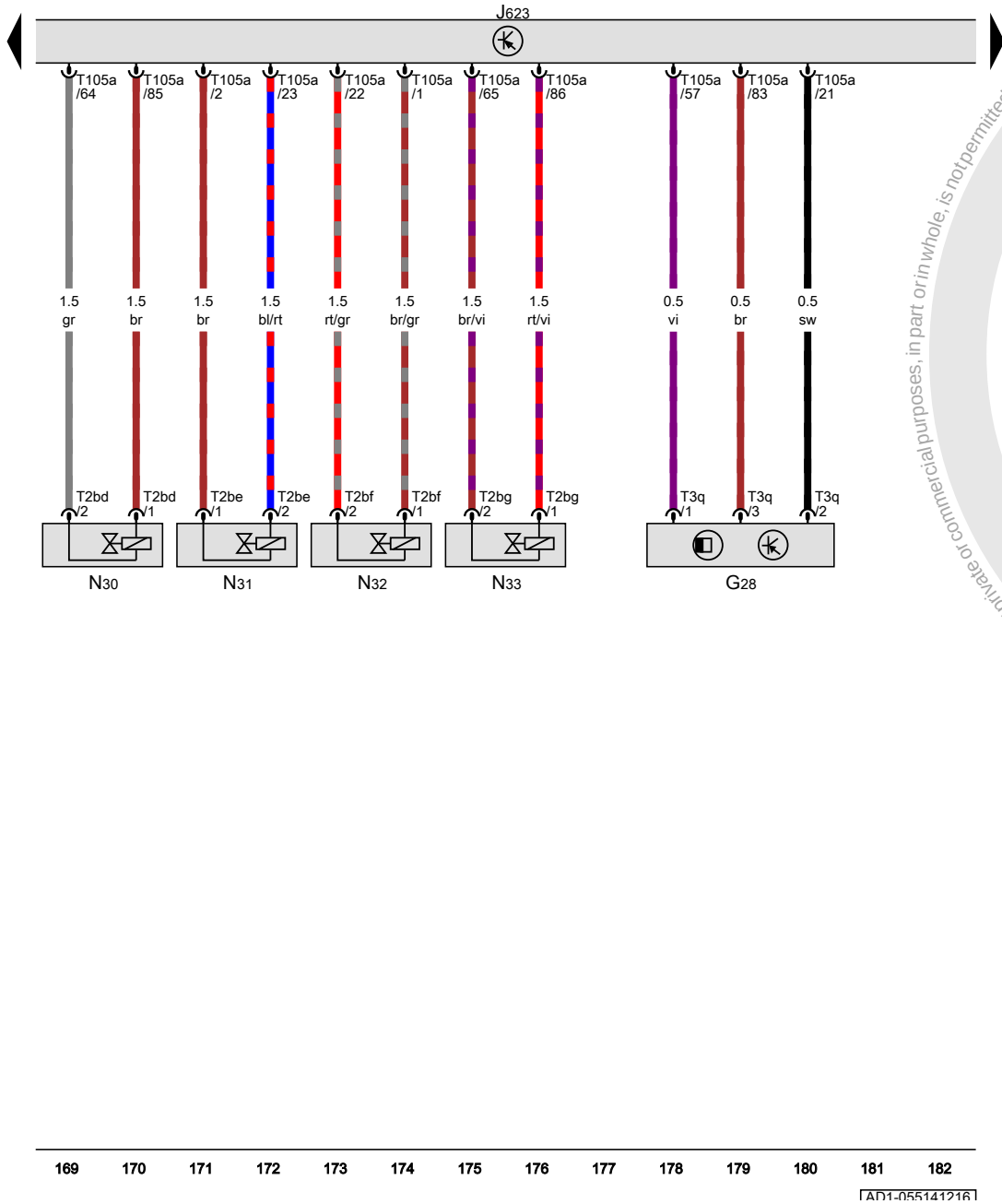


Exhaust gas recirculation valve 1, Exhaust gas recirculation valve 2, Engine control unit

GX5	Exhaust gas recirculation valve 1
GX6	Exhaust gas recirculation valve 2
G212	Exhaust gas recirculation potentiometer
G466	Exhaust gas recirculation potentiometer 2
J623	Engine control unit
T5f	5-pin connector, black
T6d	6-pin connector, grey
T105a	105-pin connector, black
V338	Exhaust gas recirculation control motor
V339	Exhaust gas recirculation control motor 2
283	Earth point 2, engine prewiring harness
D141	Connection (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
rs	=	pink

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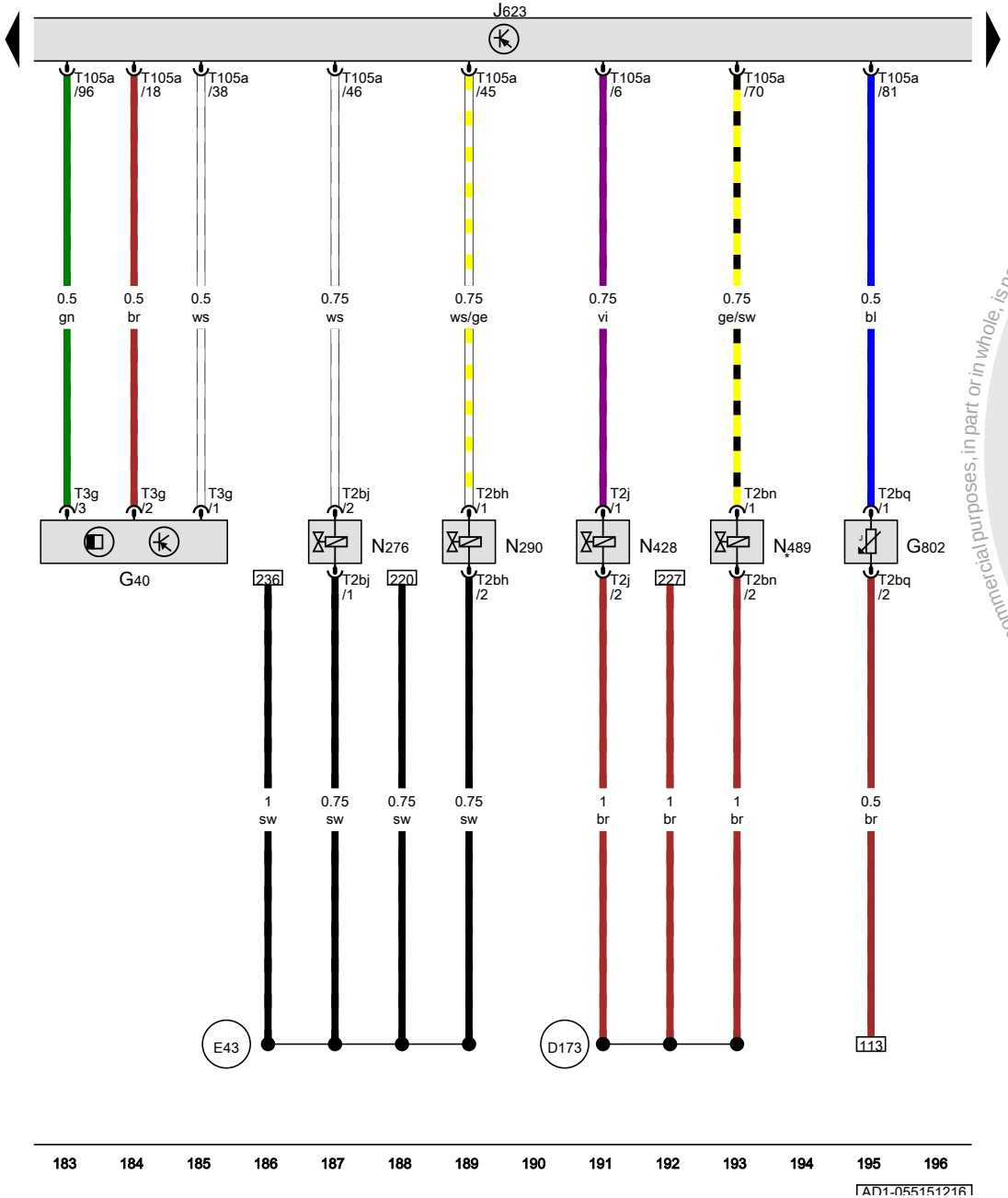
Engine speed sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G28	Engine speed sender
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2bd	2-pin connector, black
T2be	2-pin connector, black
T2bf	2-pin connector, black
T2bg	2-pin connector, black
T3q	3-pin connector, black
T105a	105-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

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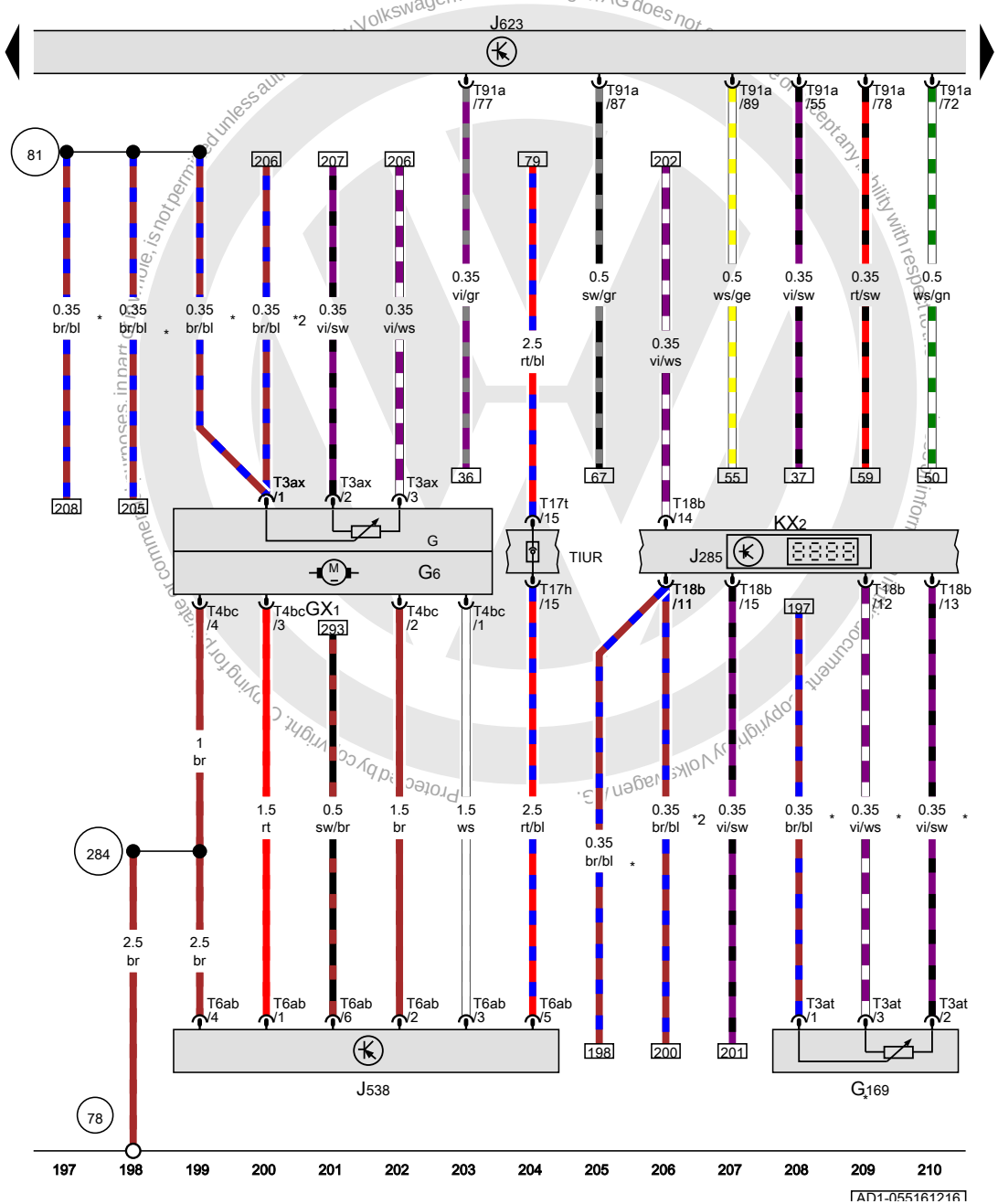
Hall sender, Coolant temperature sender 2, Engine control unit, Fuel pressure regulating valve, Fuel metering valve, Valve for oil pressure control, Coolant valve for cylinder head



G40	Hall sender
G802	Coolant temperature sender 2
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T2bh	2-pin connector, black
T2bj	2-pin connector, black
T2bn	2-pin connector, brown
T2bq	2-pin connector, black
T2j	2-pin connector, black
T3g	3-pin connector, black
T105a	105-pin connector, black
D173	Connection (87), in engine prewiring harness
E43	Connection (87), in injection system 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

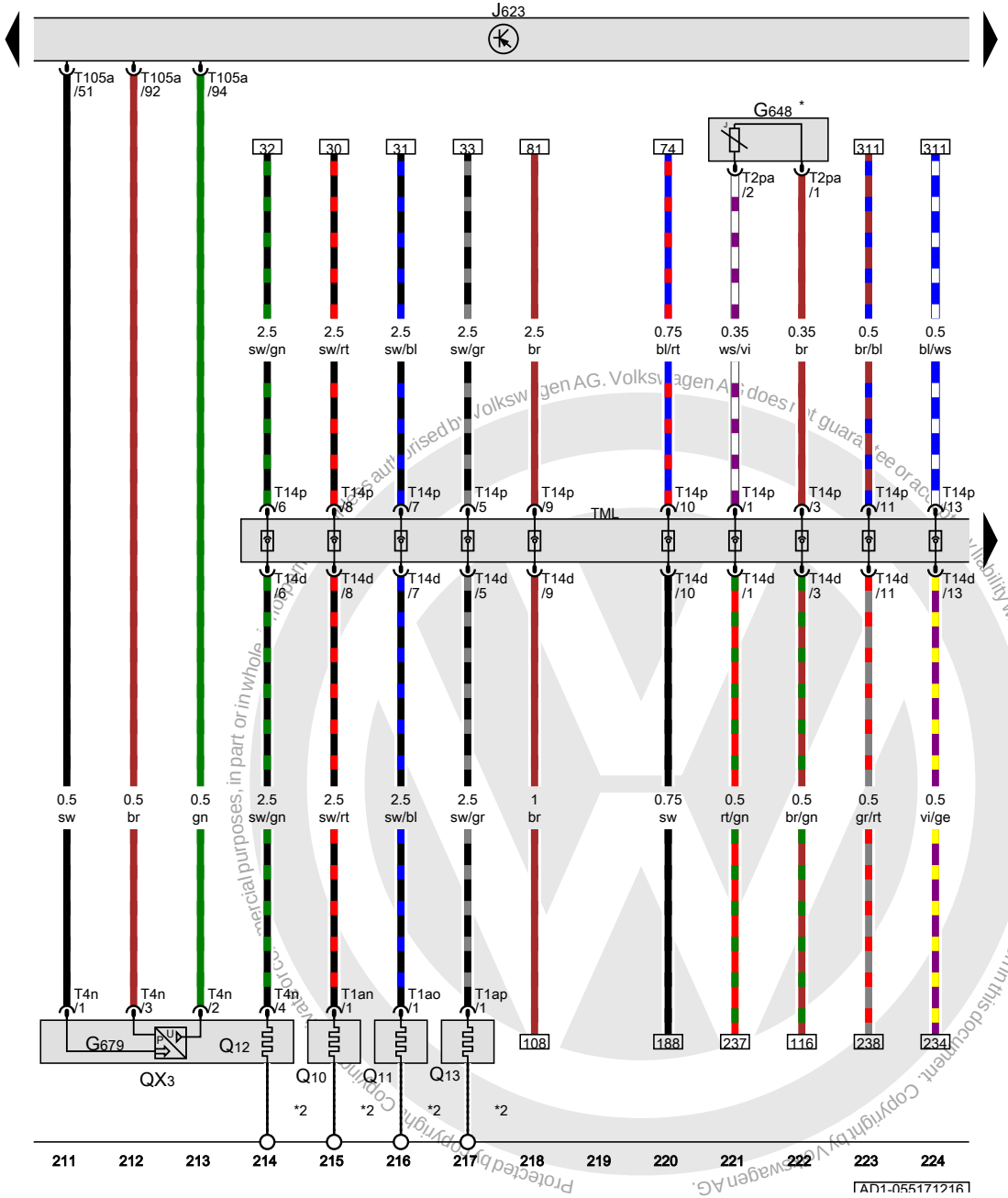
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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuel delivery unit, Fuel gauge sender 2, Fuel pump control unit, Engine control unit, Dash panel insert

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
J623	Engine control unit
KX2	Dash panel insert
T3at	3-pin connector, black
T3ax	3-pin connector, black
T4bc	4-pin connector, black
T6ab	6-pin connector, black
T17h	17-pin connector, red
T17t	17-pin connector, red
T18b	18-pin connector, black
T91a	91-pin connector, black
TIUR	Coupling point in interior, below right
78	Earth point, lower part of right B-pillar
81	Earth connection 1, in dash panel wiring harness
284	Earth connection 6, in interior wiring harness
*	Only models with all-wheel drive
*2	Only models with no all-wheel drive

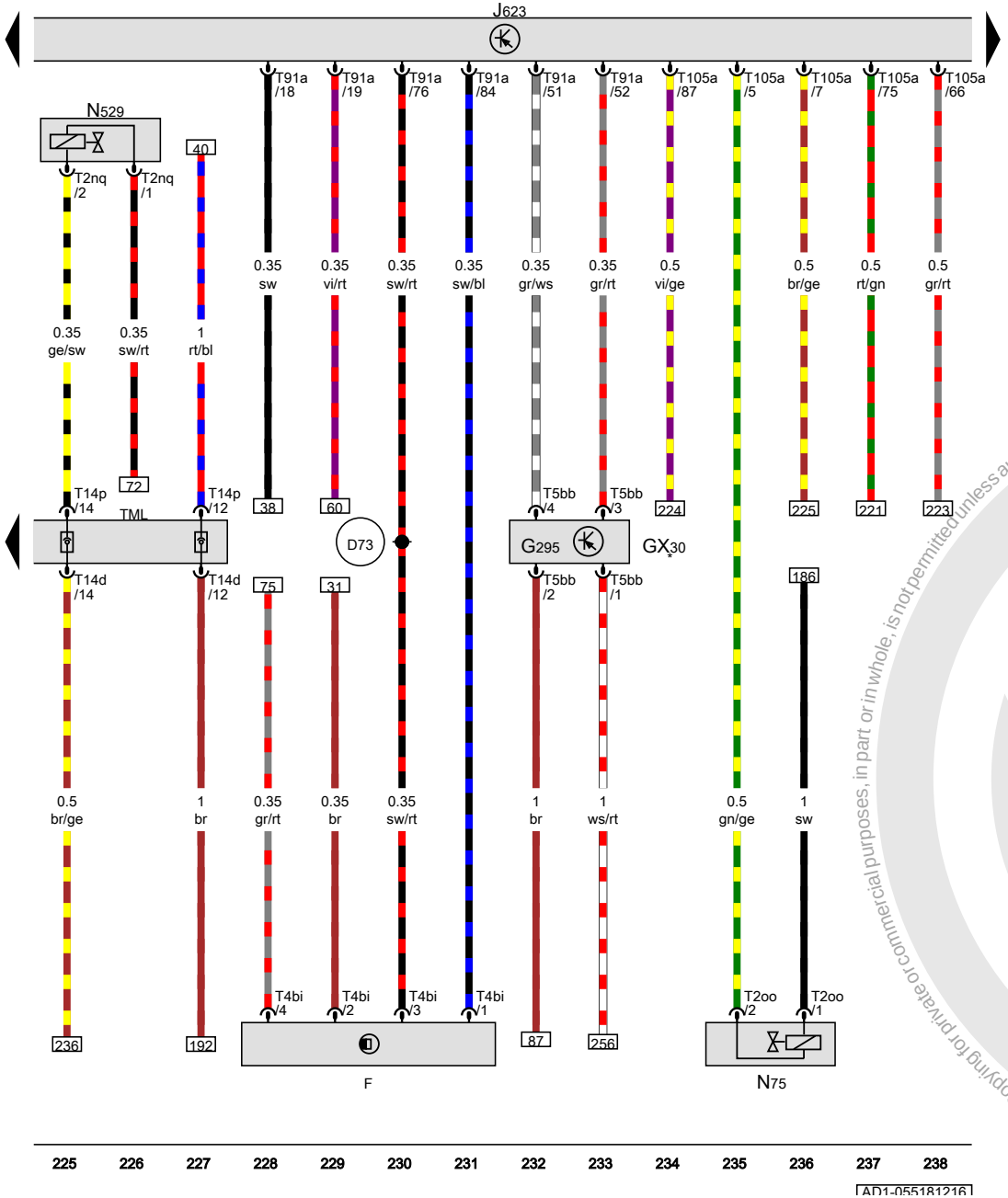


Exhaust gas temperature sender 4, Engine control unit, Glow plug 3, Glow plug 1, Glow plug 2, Glow plug 4

G648	Exhaust gas temperature sender 4
G679	Cylinder 3 combustion chamber pressure sender
J623	Engine control unit
QX3	Glow plug 3
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T1an	1-pin connector, black
T1ao	1-pin connector, black
T1ap	1-pin connector, black
T2pa	2-pin connector, colourless
T4n	4-pin connector, black
T14d	14-pin connector, grey
T14p	14-pin connector, grey
T105a	105-pin connector, black
TML	Coupling point in engine compartment, left
*	Pre-wired component
*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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Brake light switch, Control unit for NOx sender, NOx sender, Engine control unit

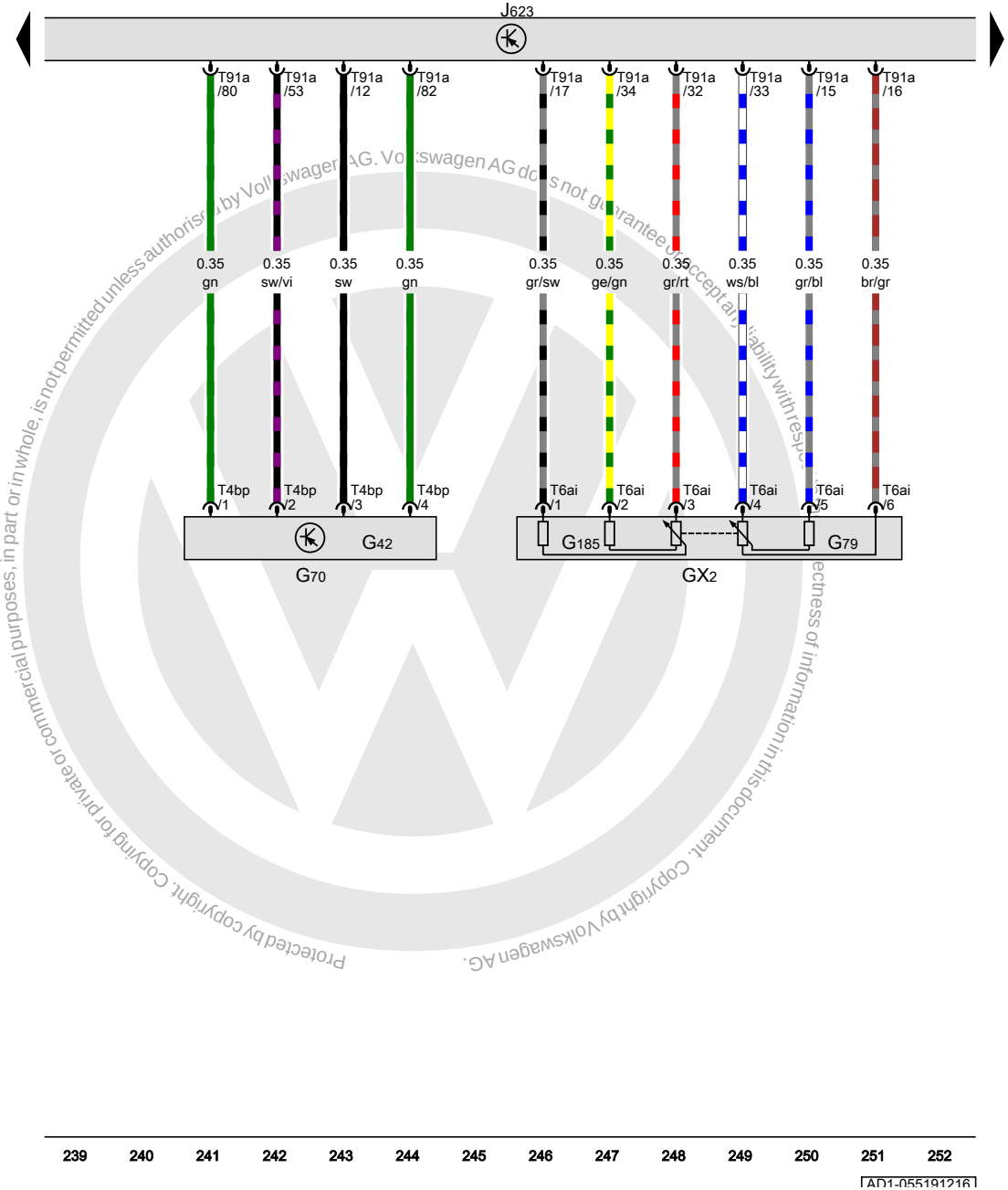
F	Brake light switch
GX30	Control unit for NOx sender
G295	NOx sender
J623	Engine control unit
N75	Charge pressure control solenoid valve
N529	Turbine changeover valve
T2nq	2-pin connector, black
T2oo	2-pin connector, black
T4bi	4-pin connector, black
T5bb	5-pin connector, black
T14d	14-pin connector, grey
T14p	14-pin connector, grey
T91a	91-pin connector, black
T105a	105-pin connector, black
TML	Coupling point in engine compartment, left
D73	Positive connection (54), in engine compartment 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

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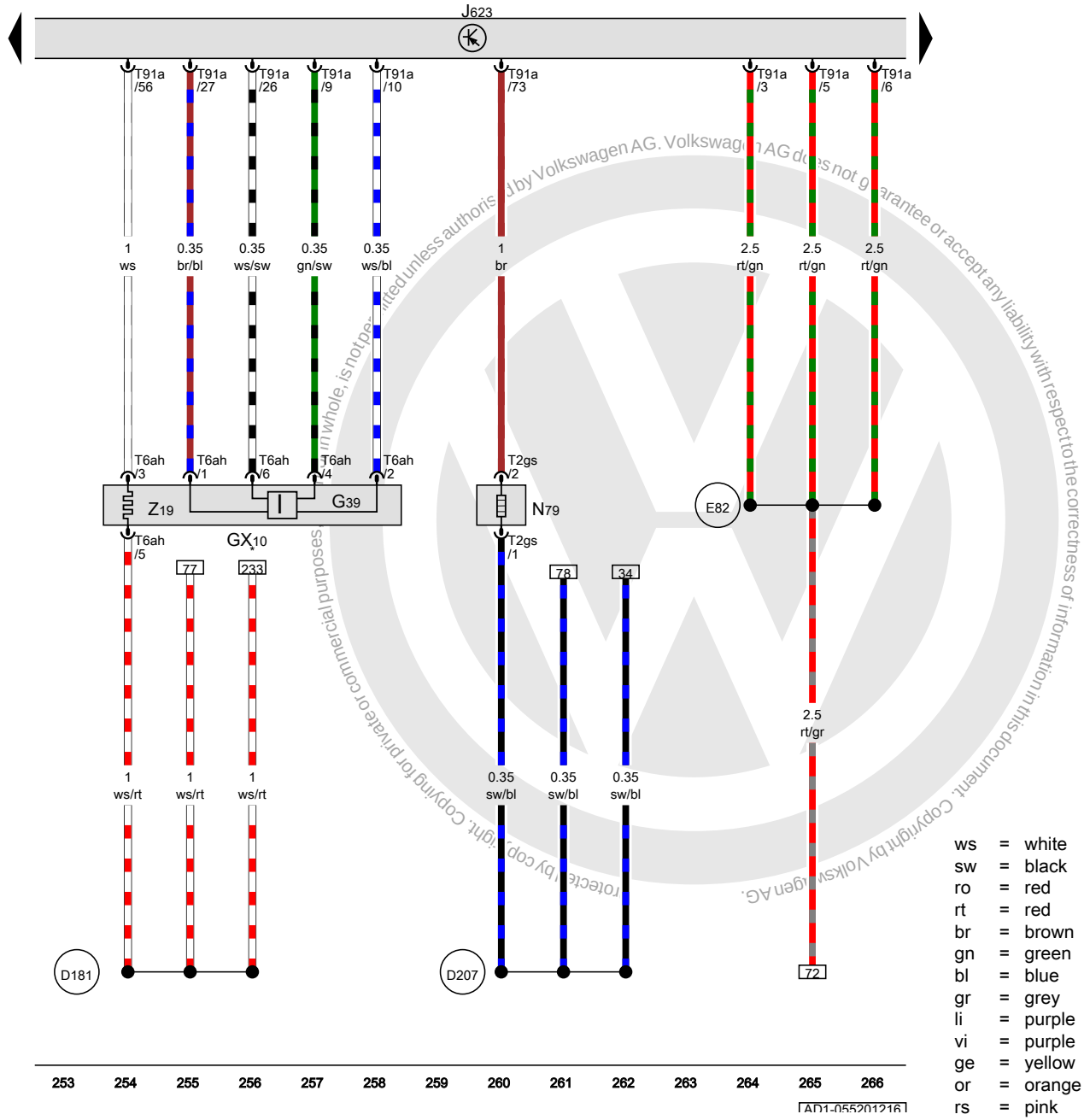
Accelerator pedal module, Air mass meter, Engine control unit

GX2	Accelerator pedal module
G42	Intake air temperature sender
G70	Air mass meter
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T4bp	4-pin connector, black
T6ai	6-pin connector, black
T91a	91-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, Engine control unit, Heater element for crankcase breather

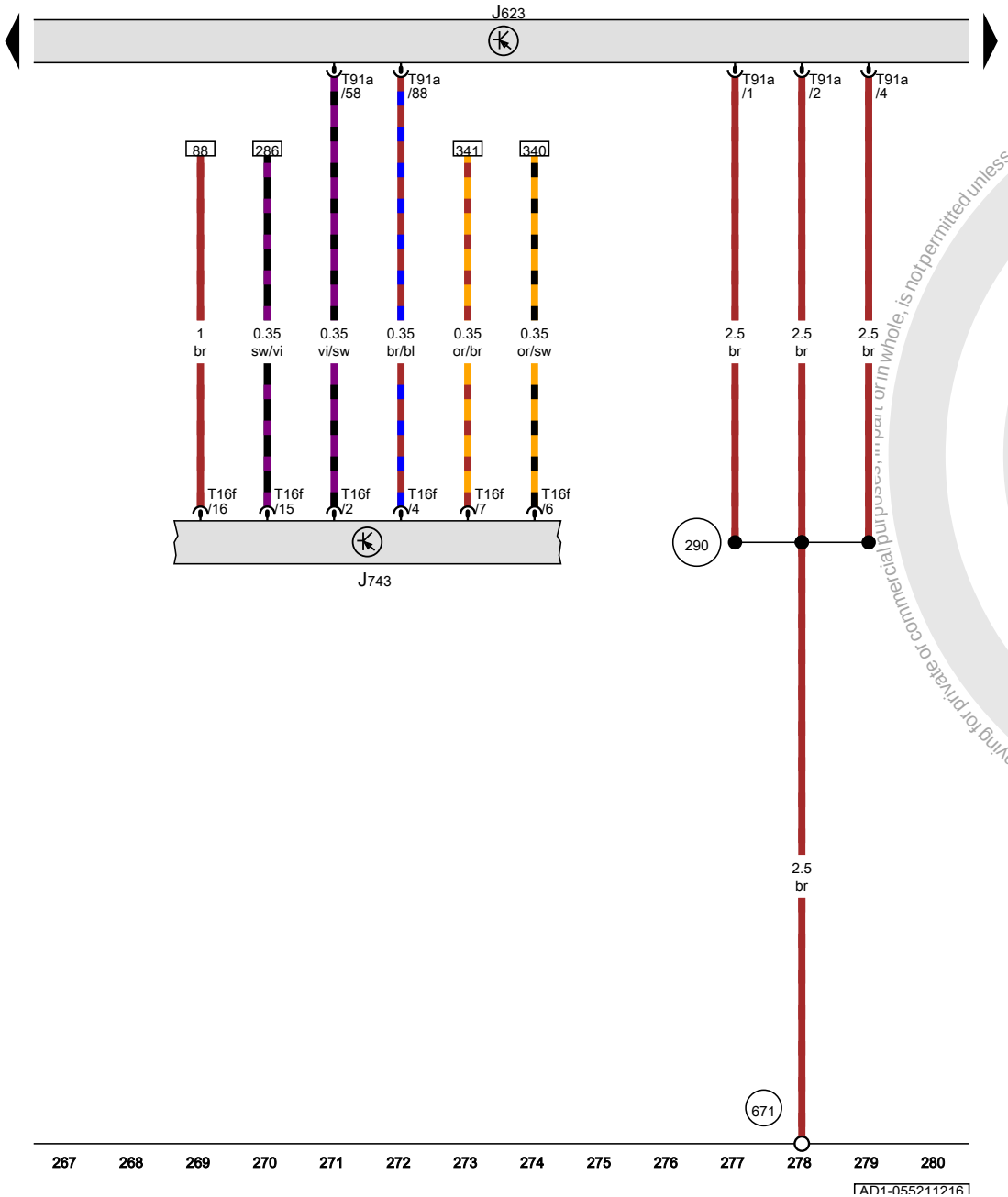
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
J623	Engine control unit
N79	Heater element for crankcase breather
T2gs	2-pin connector, black
T6ah	6-pin connector, black
T91a	91-pin connector, black
Z19	Lambda probe heater
D181	Connection 2 (87a), in engine compartment wiring harness
D207	Connection 7 (87a), in engine compartment wiring harness
E82	Connection 6 (87a) in engine wiring harness
*	Pre-wired component

Engine control unit, Mechatronic unit for dual clutch gearbox

J623 Engine control unit
J743 Mechatronic unit for dual clutch gearbox
T16f 16-pin connector, black
T91a 91-pin connector, black

290 Earth connection 1, in second battery wiring harness

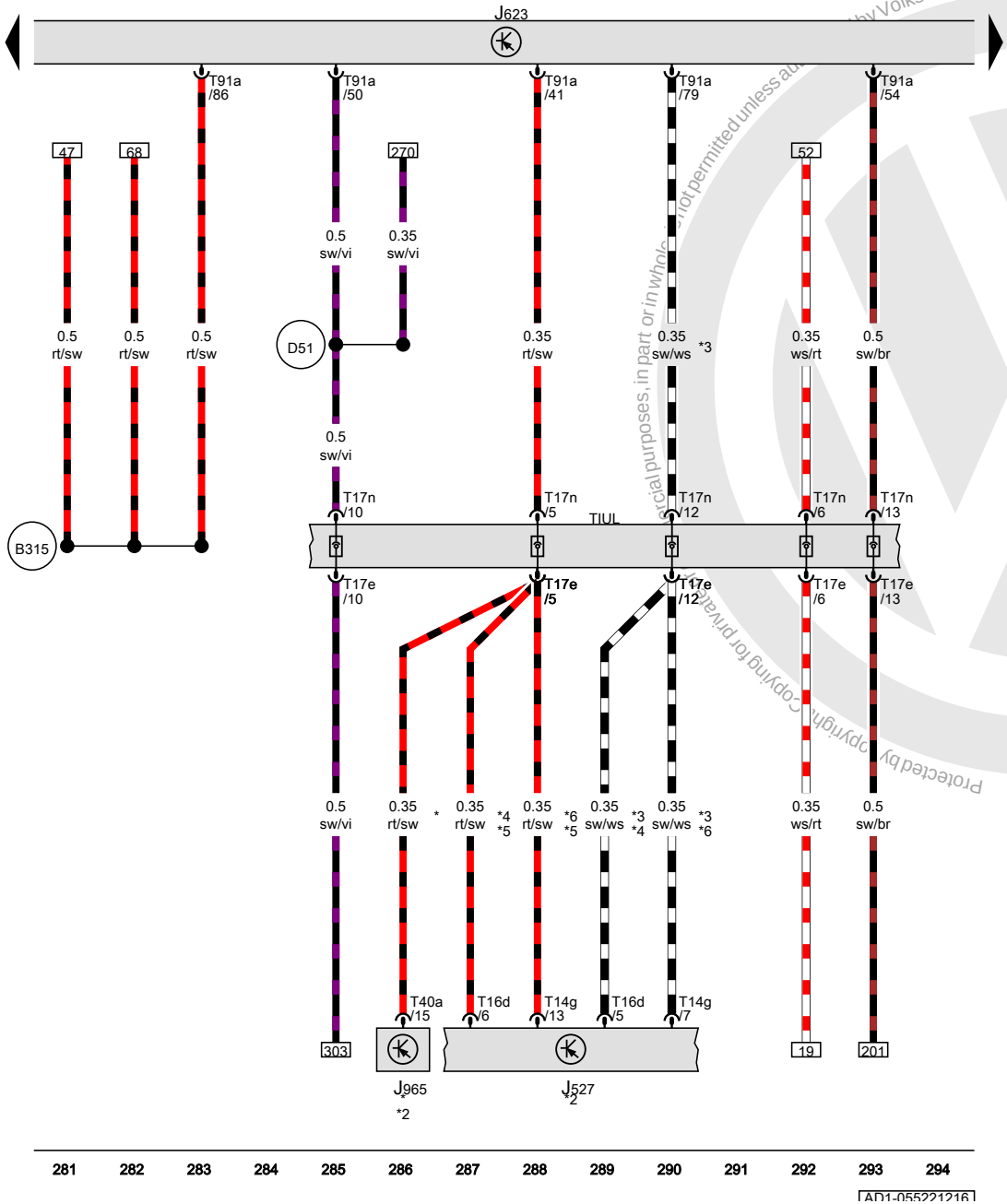
671 Earth point 1, on front of left longitudinal member



ws = white
sw = black
ro = red
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br = brown
gn = green
bl = blue
gr = grey
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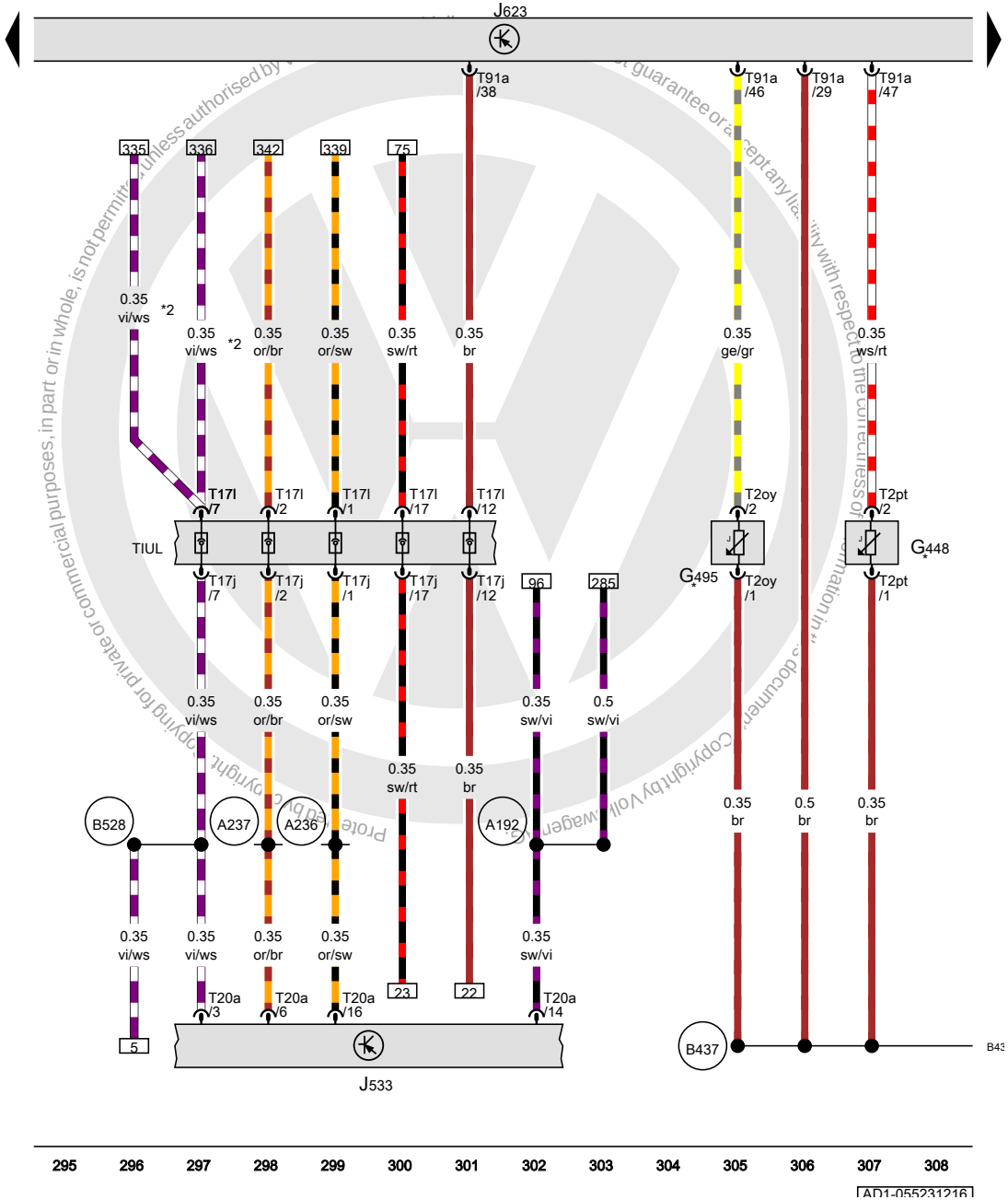
Steering column electronics control unit, Engine control unit, Interface for entry and start system



J527	Steering column electronics control unit
J623	Engine control unit
J965	Interface for entry and start system
T14g	14-pin connector, black
T16d	16-pin connector, black
T17e	17-pin connector, blue
T17n	17-pin connector, blue
T40a	40-pin connector, black
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
B315	Positive connection 1 (30a) in main wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
*	Only models with entry and start authorisation
*2	see applicable current flow diagram
*3	Only models with cruise control system
*4	Only models with no heated steering wheel
*5	Only models with no entry and start authorisation
*6	Only models with heated steering wheel

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

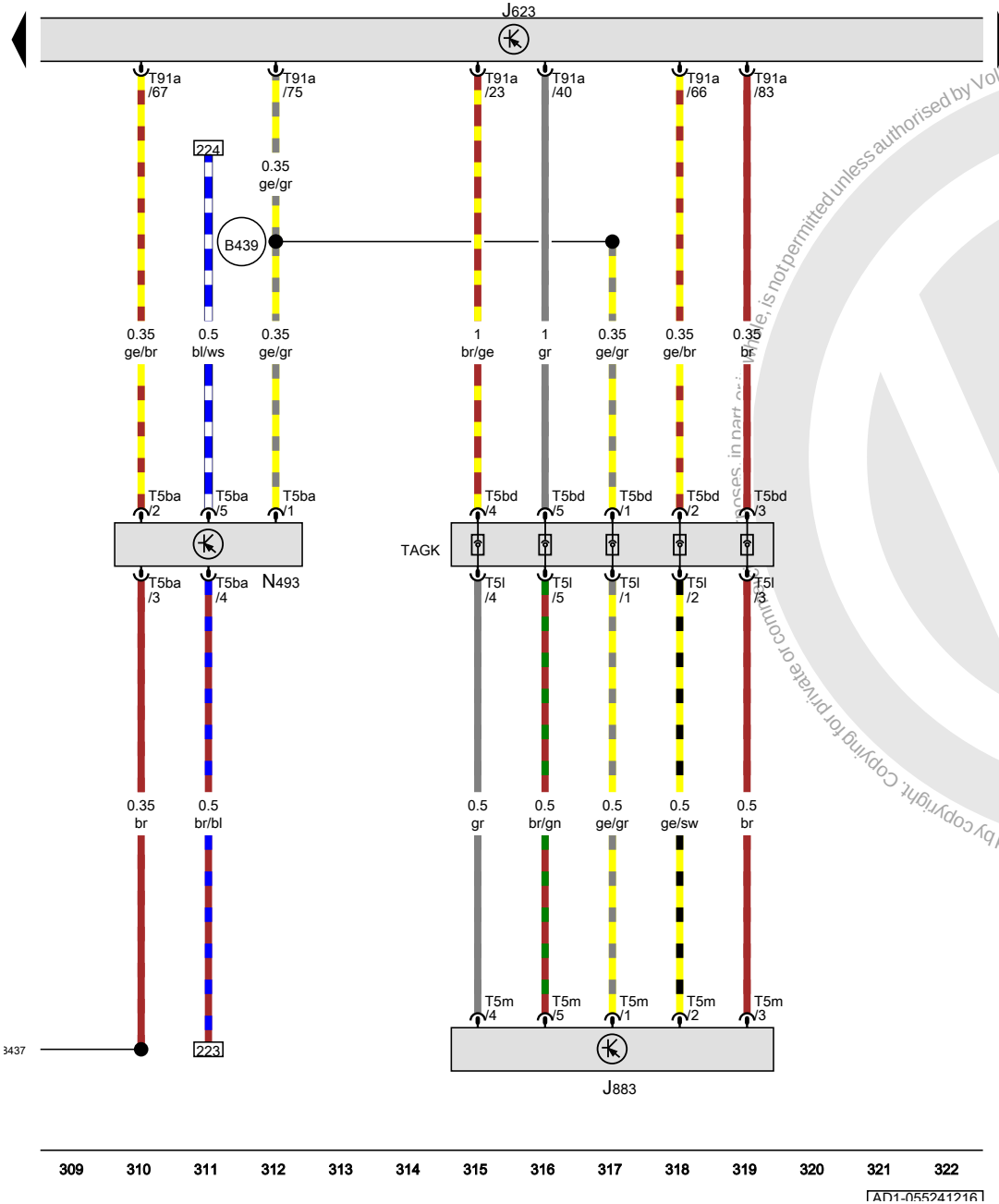
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Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Data bus diagnostic interface, Engine control unit

G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
J533	Data bus diagnostic interface
J623	Engine control unit
T2oy	2-pin connector, brown
T2pt	2-pin connector, black
T17j	17-pin connector, brown
T17l	17-pin connector, brown
T20a	20-pin connector, red
T91a	91-pin connector, black
TIUL	Coupling point in interior, below left
A192	Positive connection 3 (15a) in dash panel wiring harness
A236	Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
A237	Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
B437	Connection 1 (GND (earth)), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	Pre-wired component
*2	According to equipment

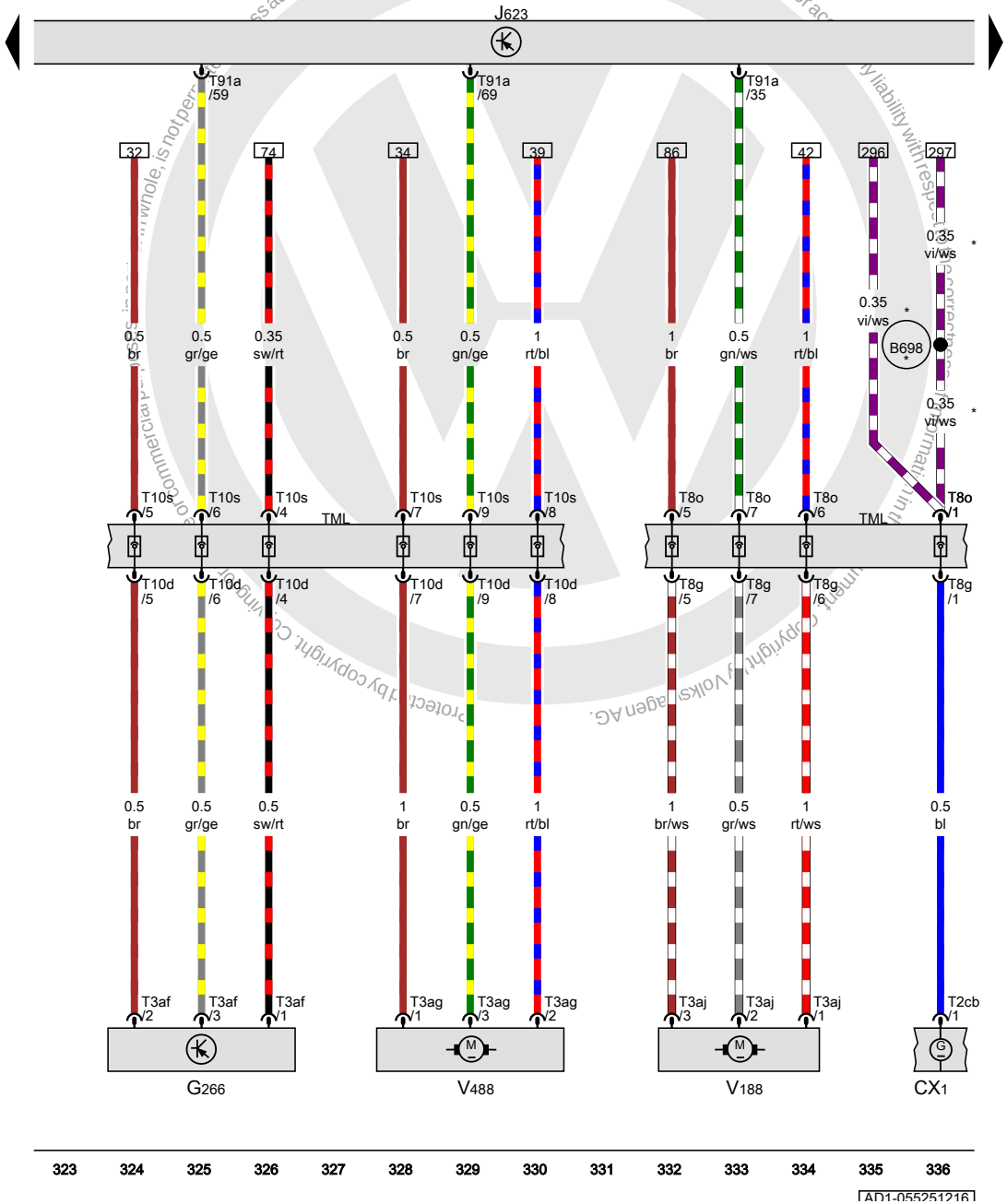


Engine control unit, Exhaust flap control unit, Actuator for engine temperature regulation

J623	Engine control unit
J883	Exhaust flap control unit
N493	Actuator for engine temperature regulation
T5ba	5-pin connector, black
T5bd	5-pin connector, brown
T5l	5-pin connector, dark brown
T5m	5-pin connector, black
T91a	91-pin connector, black
TAGK	Coupling point for exhaust flap control unit
B437	Connection 1 (GND (earth)), in main wiring harness
B439	Connection 3 (GND (earth)), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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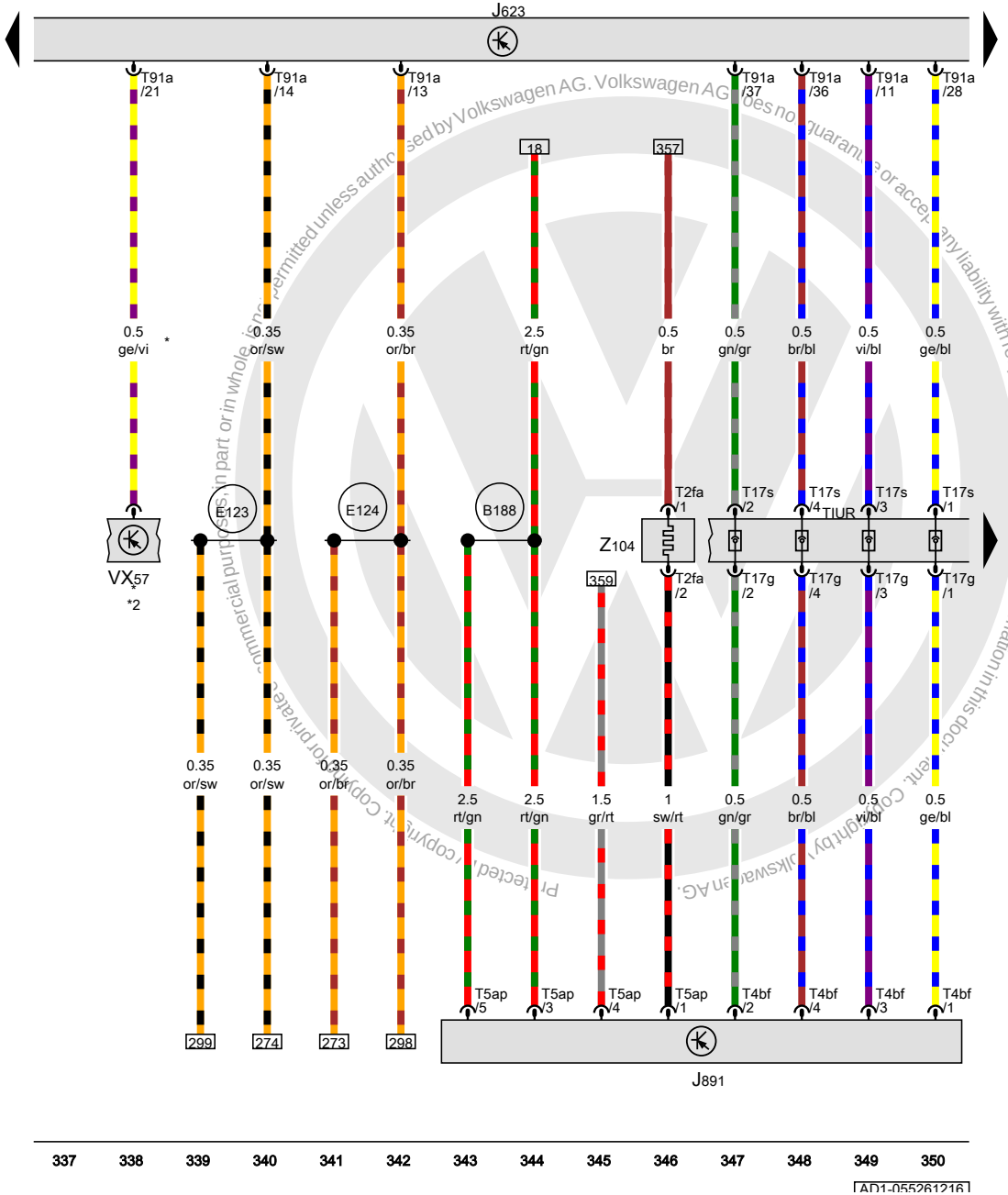
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Alternator with voltage regulator, Oil level and oil temperature sender, Engine control unit, Charge air cooling pump, Auxiliary pump for heating

CX1	Alternator with voltage regulator
G266	Oil level and oil temperature sender
J623	Engine control unit
T2cb	2-pin connector, black
T3af	3-pin connector, black
T3ag	3-pin connector, black
T3aj	3-pin connector, black
T8g	8-pin connector, black
T8o	8-pin connector, black
T10d	10-pin connector, black
T10s	10-pin connector, black
T91a	91-pin connector, black
TML	Coupling point in engine compartment, left
V188	Charge air cooling pump
V488	Auxiliary pump for heating
B698	Connection 3 (LIN bus) in main wiring harness
*	According to equipment

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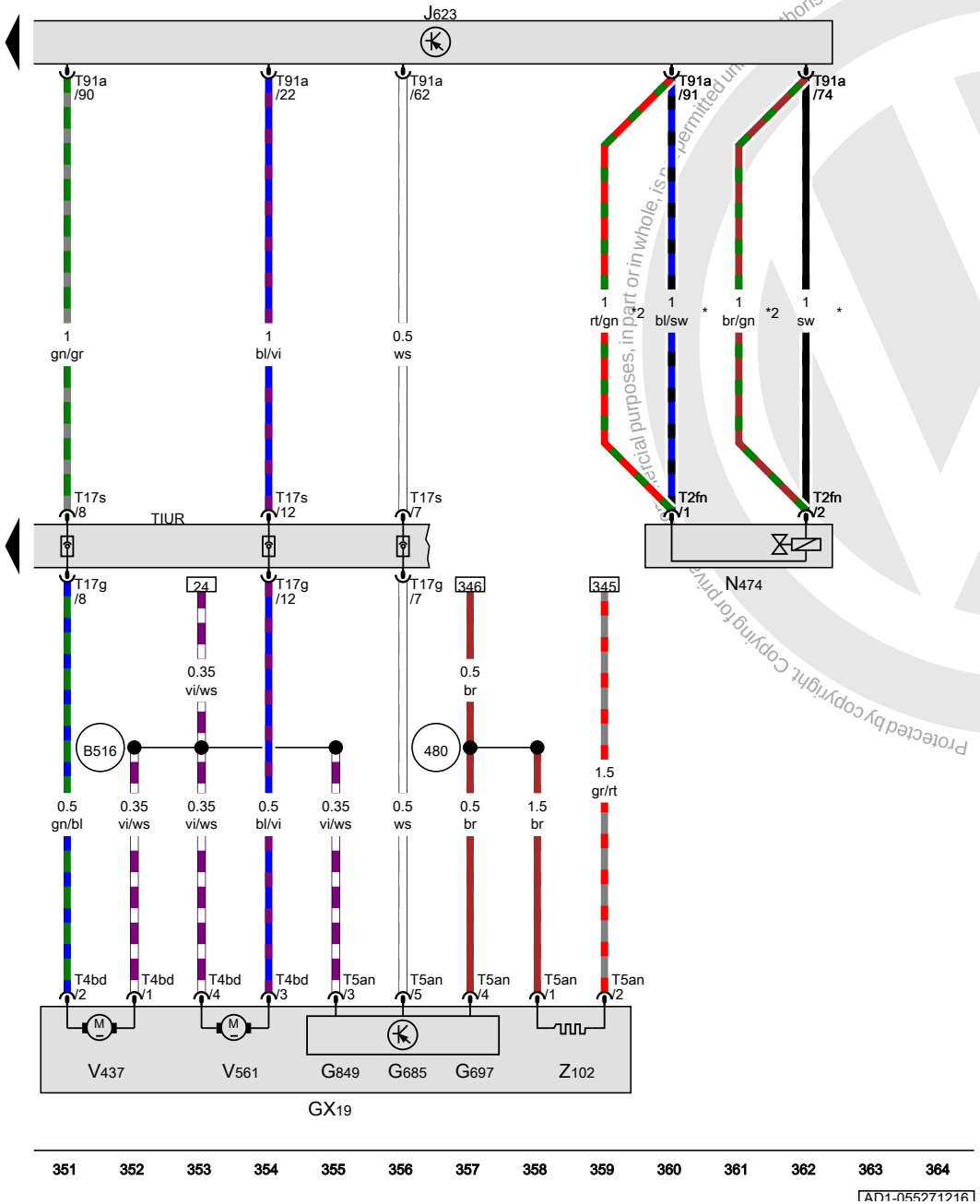


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rt = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Engine control unit, Control unit for reducing agent heater, Heater for reducing agent line (heater circuit 2)

J623	Engine control unit
J891	Control unit for reducing agent heater
T2fa	2-pin connector, black
T4bf	4-pin connector, black
T5ap	5-pin connector, colourless
T17g	17-pin connector, brown
T17s	17-pin connector, brown
T91a	91-pin connector, black
TIUR	Coupling point in interior, below right
VX57	Radiator fan
Z104	Heater for reducing agent line (heater circuit 2)
B188	Positive connection 5 (30), in interior wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	see applicable current flow diagram for radiator fan
*2	Pre-wired component

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Delivery unit for reducing agent metering system, Engine control unit, Injector for reducing agent

GX19	Delivery unit for reducing agent metering system, on reducing-agent tank
G685	Temperature sender for reducing agent
G697	Reducing agent level sender
G849	Reducing agent quality sensor
J623	Engine control unit
N474	Injector for reducing agent
T2fn	2-pin connector, brown
T4bd	4-pin connector, black
T5an	5-pin connector, black
T17g	17-pin connector, brown
T17s	17-pin connector, brown
T91a	91-pin connector, black
TIUR	Coupling point in interior, below right
V437	Pump for reducing agent
V561	Reducing agent return flow pump
Z102	Heater for reducing agent tank (heater circuit 1)
480	Earth connection, in fuel tank wiring harness
B516	Positive connection 5 (87), in interior wiring harness
*	Up to November 2016
*2	From November 2016

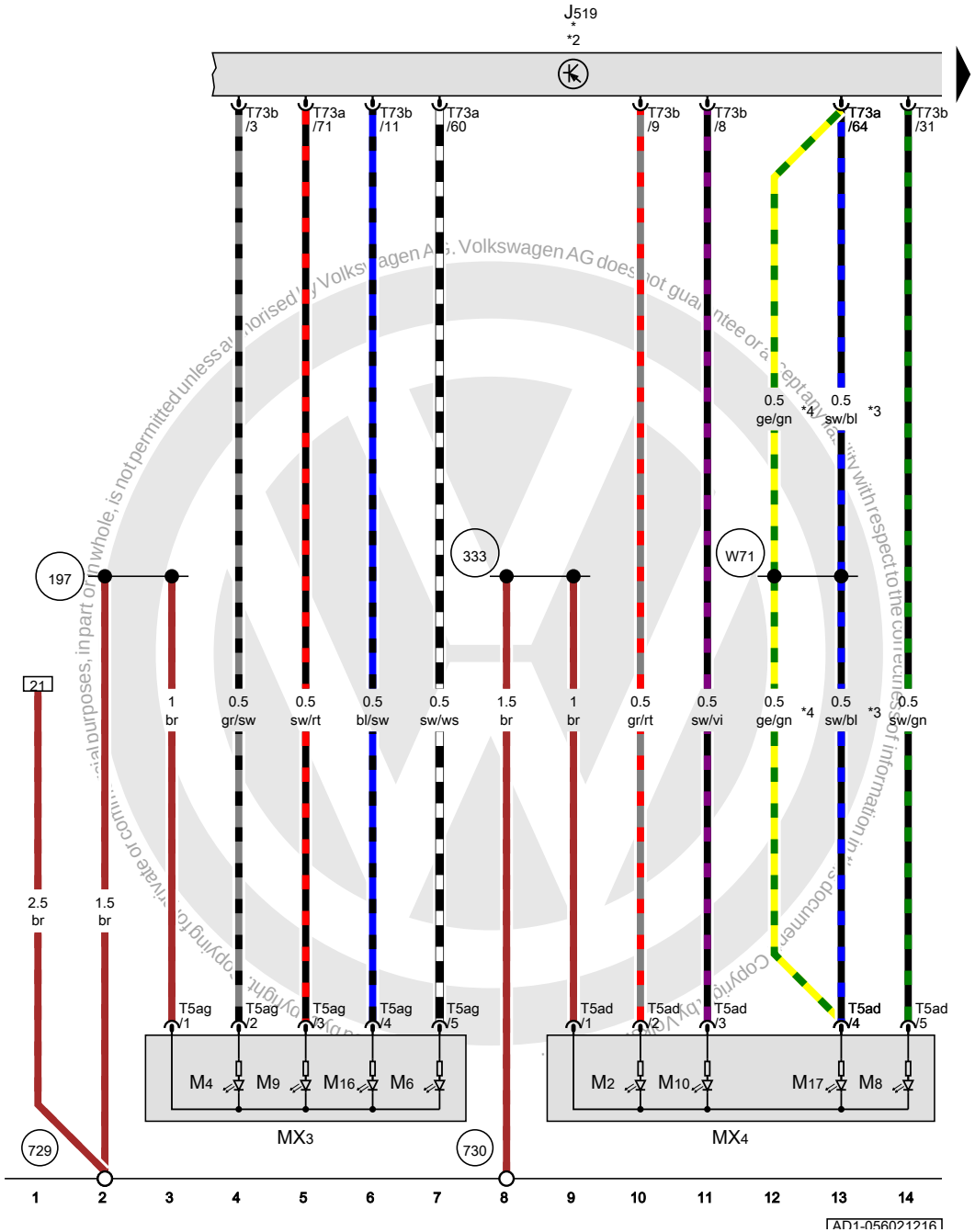
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bl	=	blue
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Tail light cluster with LED , (8SQ)

From January 2016

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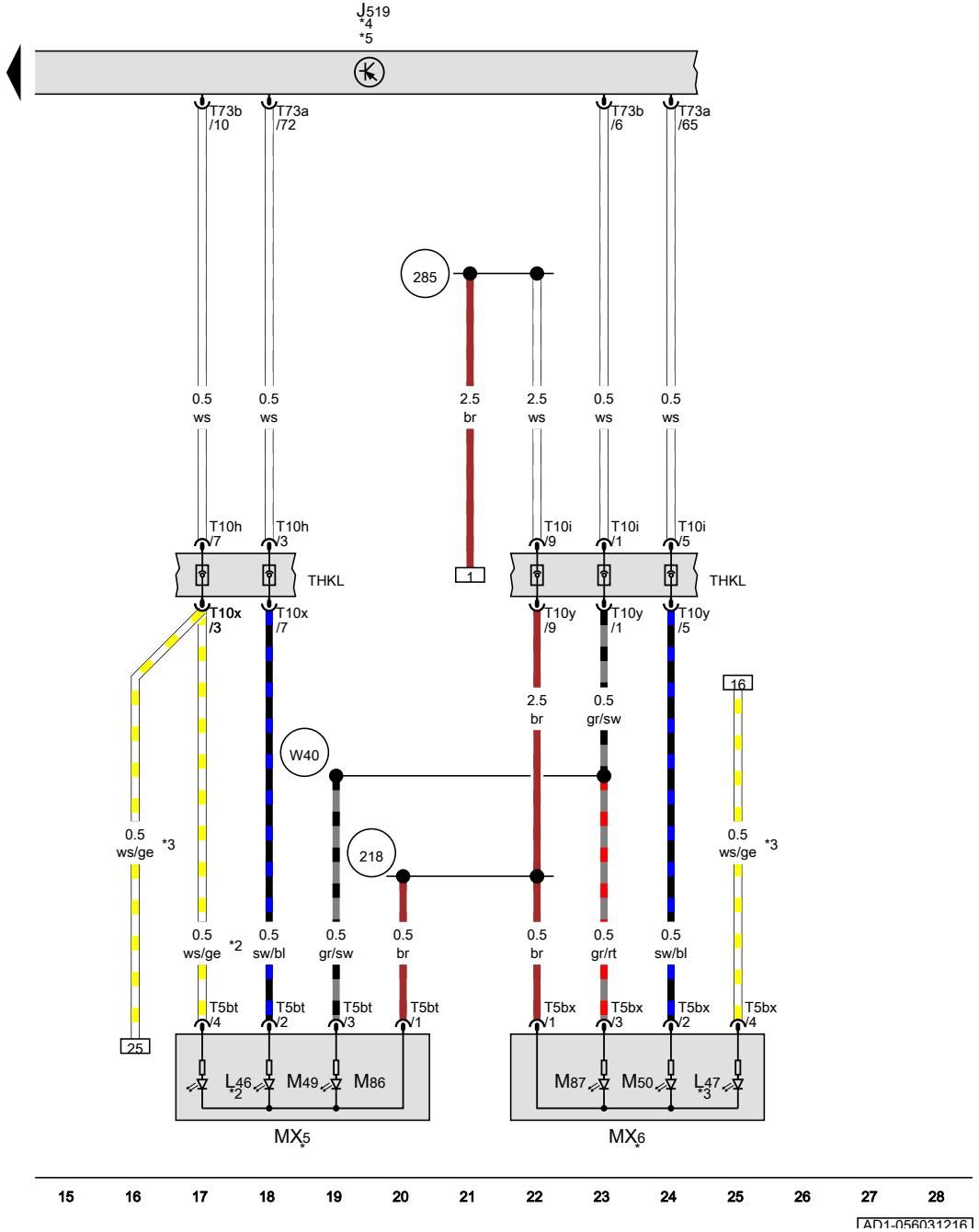


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Left tail light, Right tail light

J519	Onboard supply control unit
M2	Right tail light bulb
MX3	Left tail light
M4	Left tail light bulb
MX4	Right tail light
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
T5ad	5-pin connector, blue
T5ag	5-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, black
197	Earth connection 4, in rear wiring harness
333	Earth connection 5, in rear wiring harness
729	Earth point, on left rear wheel housing
730	Earth point 1, on right rear wheel housing
W71	Connection (reversing light), in rear wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for earthing concept
*3	Up to November 2016
*4	From November 2016

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

J519	Onboard supply control unit
L46	Rear left fog light bulb
L47	Rear right fog light bulb
MX5	Left tail light 2
MX6	Right tail light 2
M49	Left tail light bulb 2
M50	Right tail light bulb 2
M86	Left brake light bulb 2
M87	Right brake light bulb 2
T5bt	5-pin connector, blue
T5bx	5-pin connector, blue
T10h	10-pin connector, black
T10i	10-pin connector, brown
T10x	10-pin connector, black
T10y	10-pin connector, brown
T73a	73-pin connector, black
T73b	73-pin connector, black
THKL	Coupling point on rear lid, left
218	Earth connection 1, in rear lid wiring harness
285	Earth connection 7, in interior wiring harness
W40	Positive connection 2 (58), in tail lights wiring harness
*	Connector colour depends on market
*2	Only left-hand drive models
*3	Only right-hand drive models
*4	see applicable current flow diagram for fuse assignment
*5	see applicable current flow diagram for earthing concept

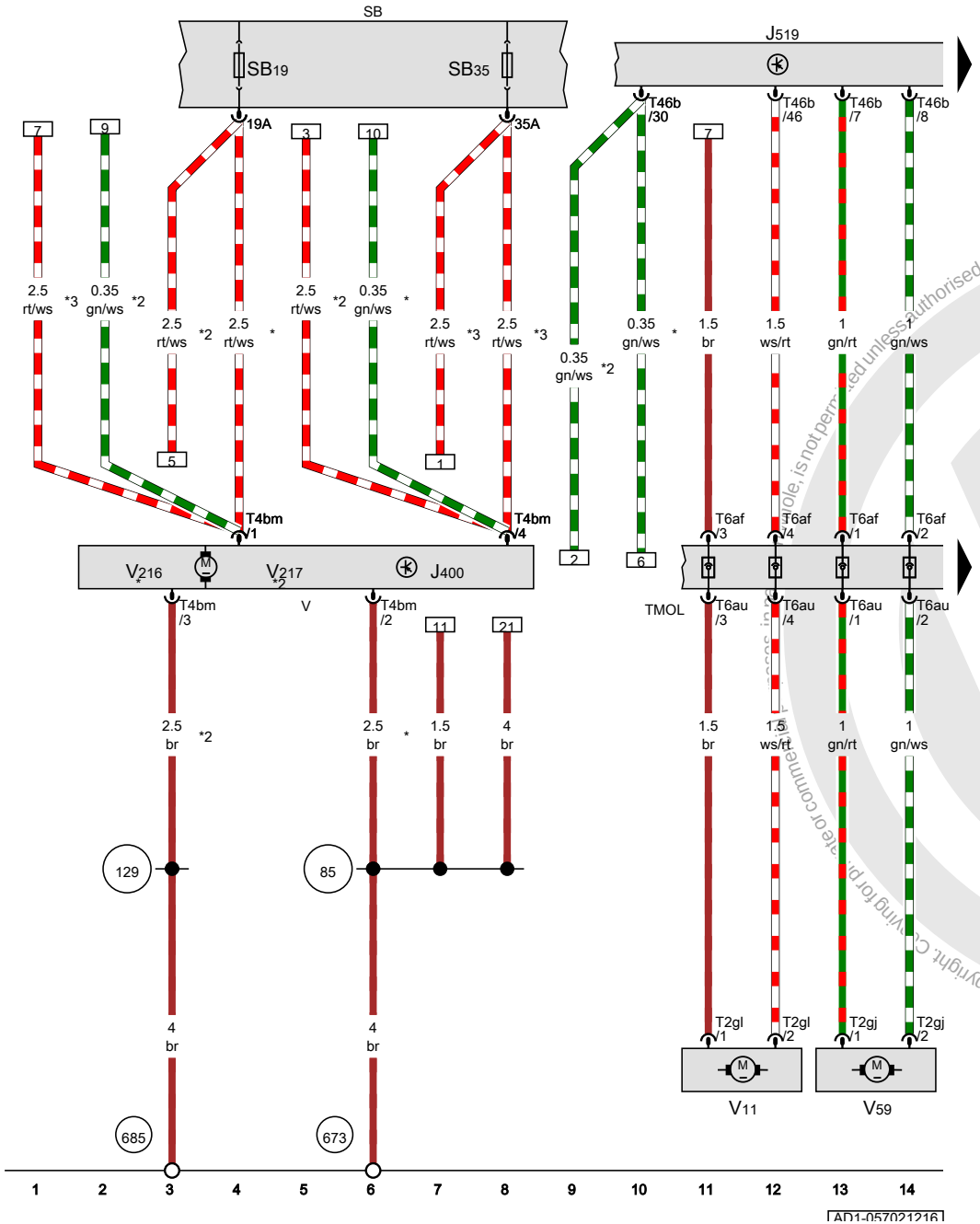
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Window wash/wipe system, headlight washer system , (8N4),(8N6),(8X1),(9T1)

From May 2016

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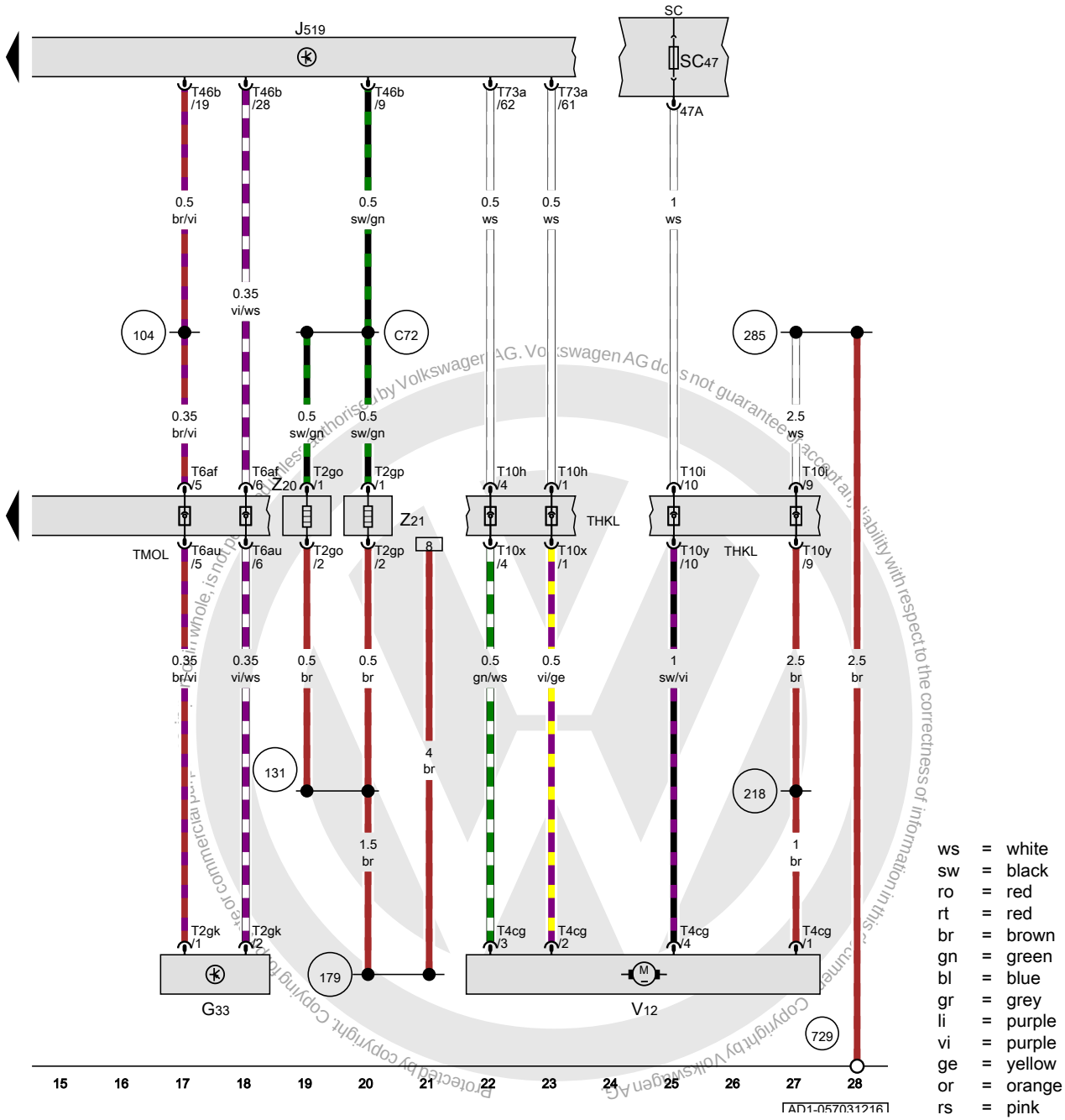


Windscreen wiper motor, Headlight washer system pump, Windscreen and rear window washer pump

J400	Wiper motor control unit
J519	Onboard supply control unit
SB	Fuse holder B
SB19	Fuse 19 on fuse holder B
SB35	Fuse 35 on fuse holder B
T2gj	2-pin connector, black
T2gl	2-pin connector, black
T4bm	4-pin connector, black
T6af	6-pin connector, black
T6au	6-pin connector, black
T46b	46-pin connector, black
TMOL	Coupling point on engine, top left
V	Windscreen wiper motor
V11	Headlight washer system pump
V59	Windscreen and rear window washer pump
V216	Driver side windscreen wiper motor
V217	Front passenger side windscreen wiper motor
85	Earth connection 1, in engine compartment wiring harness
129	Earth connection, in dual tone horn wiring harness
673	Earth point 3, on front of left longitudinal member
685	Earth point 1, on front of right longitudinal member
*	Only left-hand drive models
*2	Only right-hand drive models
*3	Only models with battery in luggage compartment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Windscreen washer fluid level sender, Rear window wiper motor, Left washer jet heater element, Right washer jet heater element

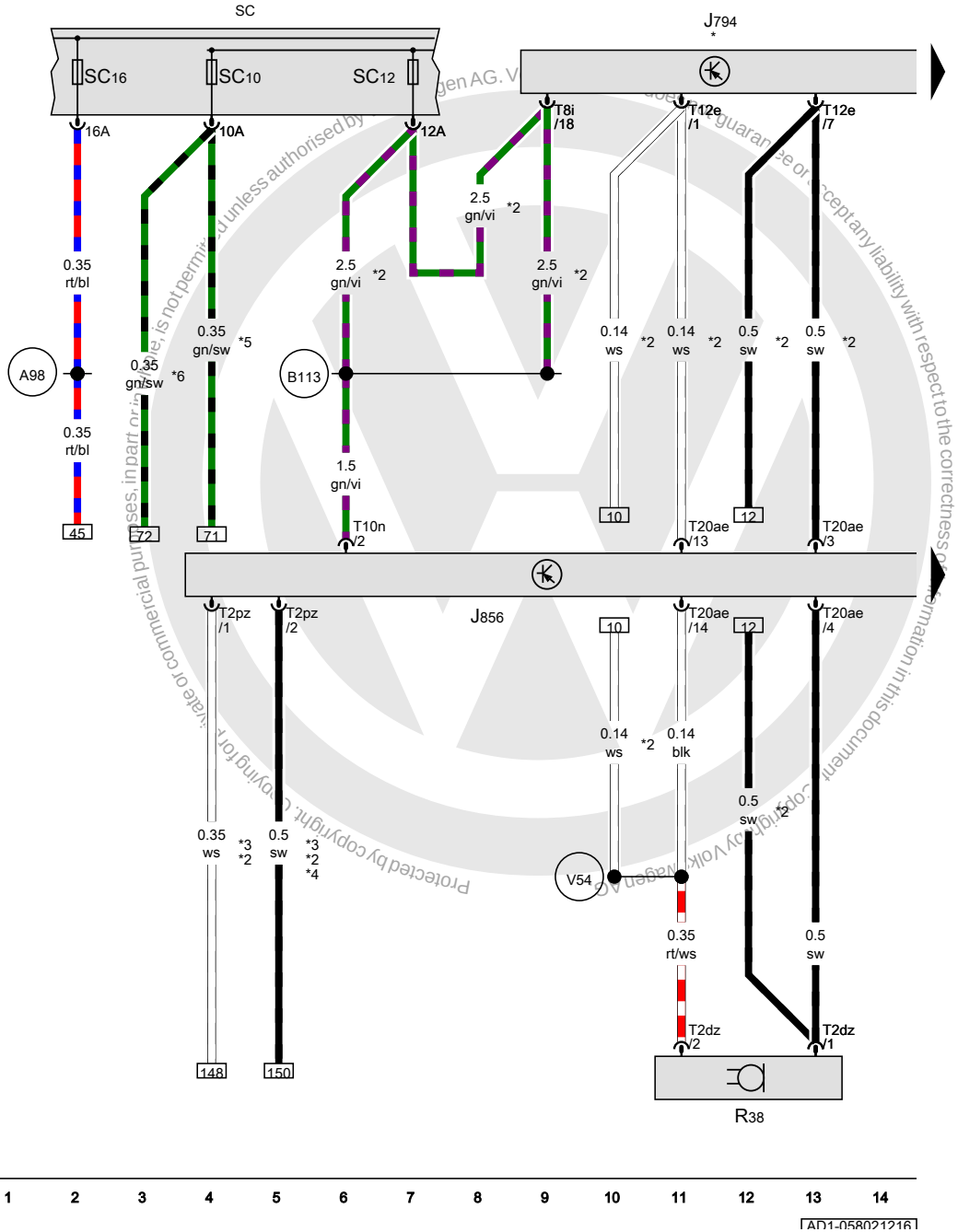
G33	Windscreen washer fluid level sender
J519	Onboard supply control unit
SC	Fuse holder C
SC47	Fuse 47 on fuse holder C
T2gk	2-pin connector, black
T2go	2-pin connector, black
T2gp	2-pin connector, black
T4cg	4-pin connector, black
T6af	6-pin connector, black
T6au	6-pin connector, black
T10h	10-pin connector, black
T10i	10-pin connector, brown
T10x	10-pin connector, black
T10y	10-pin connector, brown
T46b	46-pin connector, black
T73a	73-pin connector, black
THKL	Coupling point on rear lid, left
TMOL	Coupling point on engine, top left
V12	Rear window wiper motor
Z20	Left washer jet heater element
Z21	Right washer jet heater element
104	Earth connection in front right wiring harness - sensor earth -
131	Earth connection 2, in engine compartment wiring harness
179	Earth connection, in left headlight wiring harness
218	Earth connection 1, in rear lid wiring harness
285	Earth connection 7, in interior wiring harness
729	Earth point, on left rear wheel housing
C72	Positive connection in heated washer jet wiring harness

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Radio and navigation system (South Korea) , (ER7)

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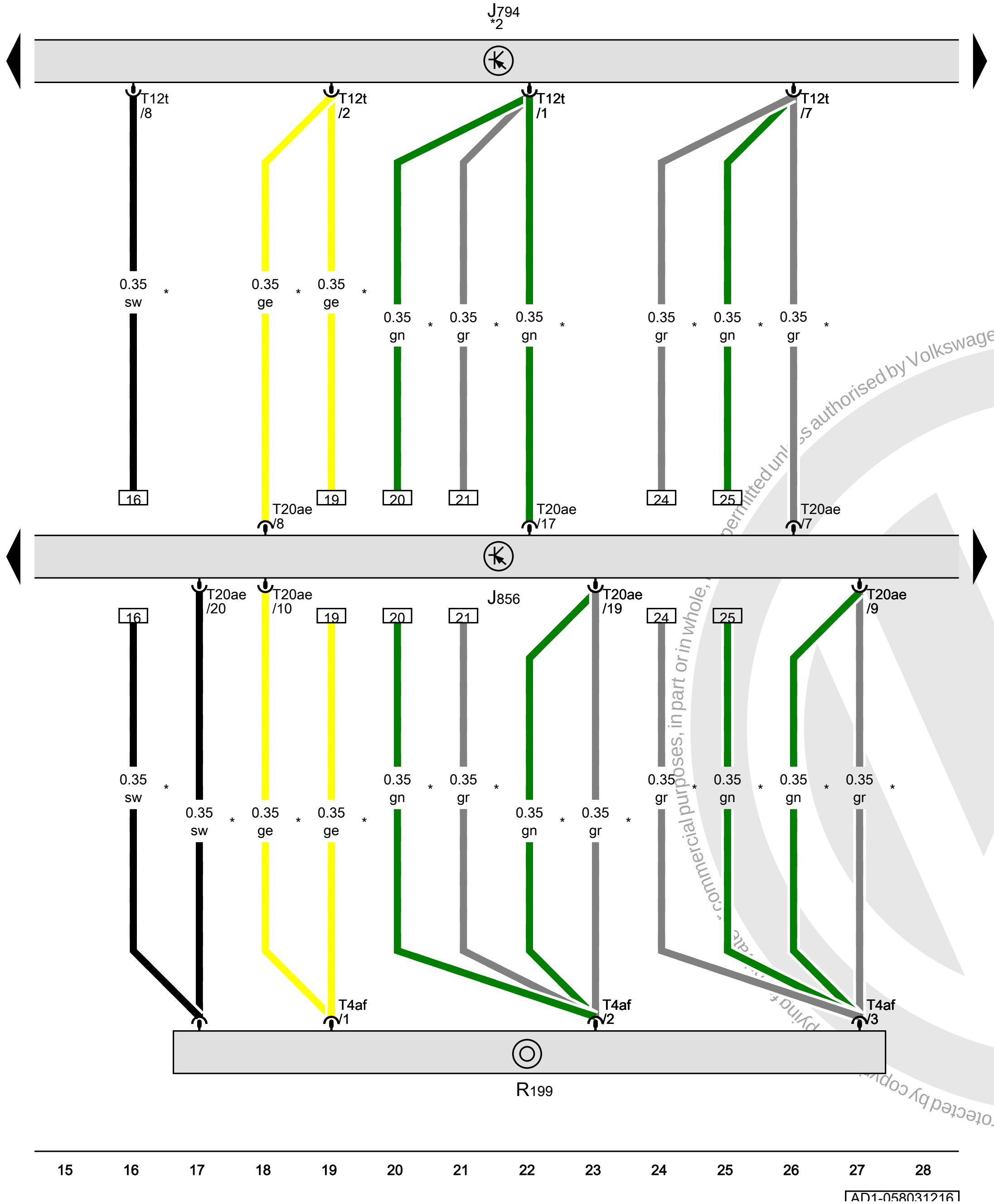
Control unit 1 for information electronics, Control unit for navigation system, Telephone microphone, Fuse holder C

J794	Control unit 1 for information electronics
J856	Control unit for navigation system
R38	Telephone microphone
SC	Fuse holder C
SC10	Fuse 10 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC16	Fuse 16 on fuse holder C
T2dz	2-pin connector, black
T2pz	2-pin connector, black
T8i	8-pin connector, black
T10n	10-pin connector, black
T12e	12-pin connector, blue
T20ae	20-pin connector, red
A98	Positive connection 4 (30), in dash panel wiring harness
B113	Positive connection (30a), in left interior wiring harness
V54	Connection 1 (telephone), in main wiring harness
*	Different connector colour possible
*2	According to equipment
*3	Only models with digital radio
*4	Different wire colour possible
*5	Up to November 2016
*6	From November 2016

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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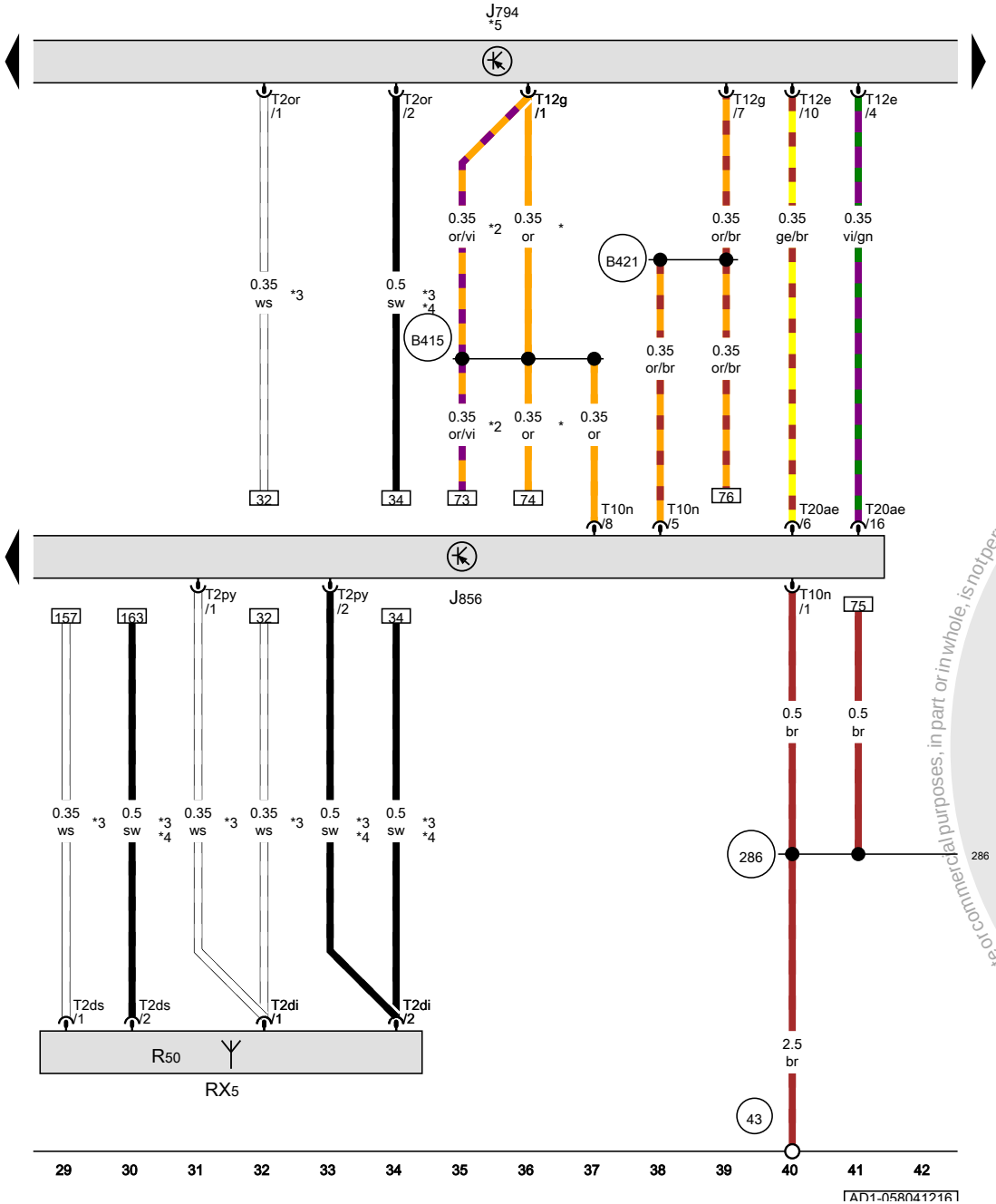
Control unit 1 for information electronics, Control unit for navigation system, Connection for external audio sources

J794	Control unit 1 for information electronics
J856	Control unit for navigation system
R199	Connection for external audio sources
T4af	4-pin connector, black
T12t	12-pin connector, green
T20ae	20-pin connector, red
*	According to equipment
*2	Different connector colour possible



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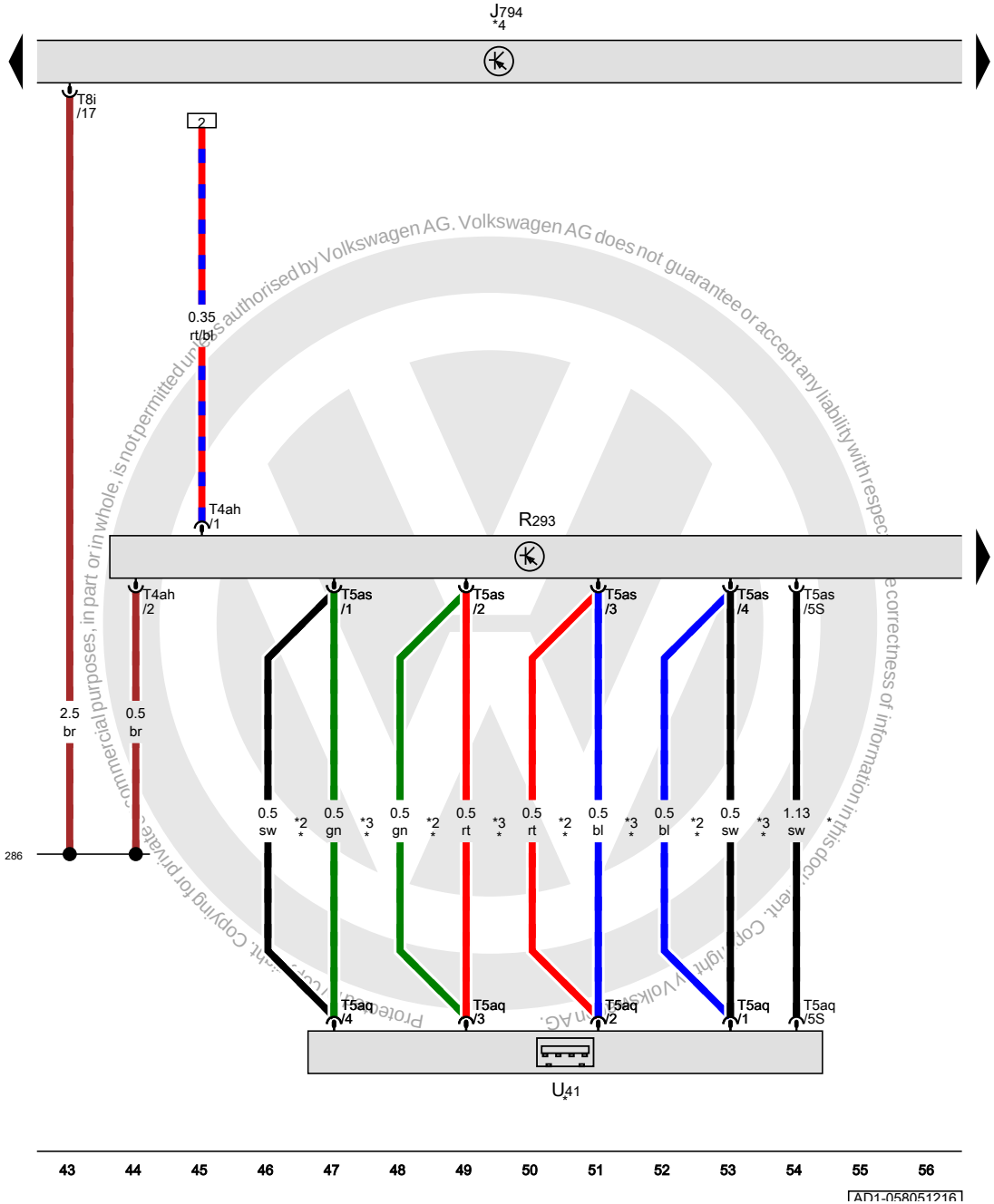


Control unit 1 for information electronics, Control unit for navigation system, Roof aerial, GPS aerial

J794	Control unit 1 for information electronics
J856	Control unit for navigation system
RX5	Roof aerial
R50	GPS aerial
T2di	2-pin connector, blue
T2ds	2-pin connector, purple
T2or	2-pin connector, blue
T2py	2-pin connector, blue
T10n	10-pin connector, black
T12e	12-pin connector, blue
T12g	12-pin connector, grey
T20ae	20-pin connector, red
43	Earth point, lower part of right A-pillar
286	Earth connection 8, in interior wiring harness
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
*	From August 2016
*2	Up to August 2016
*3	According to equipment
*4	Different wire colour possible
*5	Different connector colour possible

ws	=	white
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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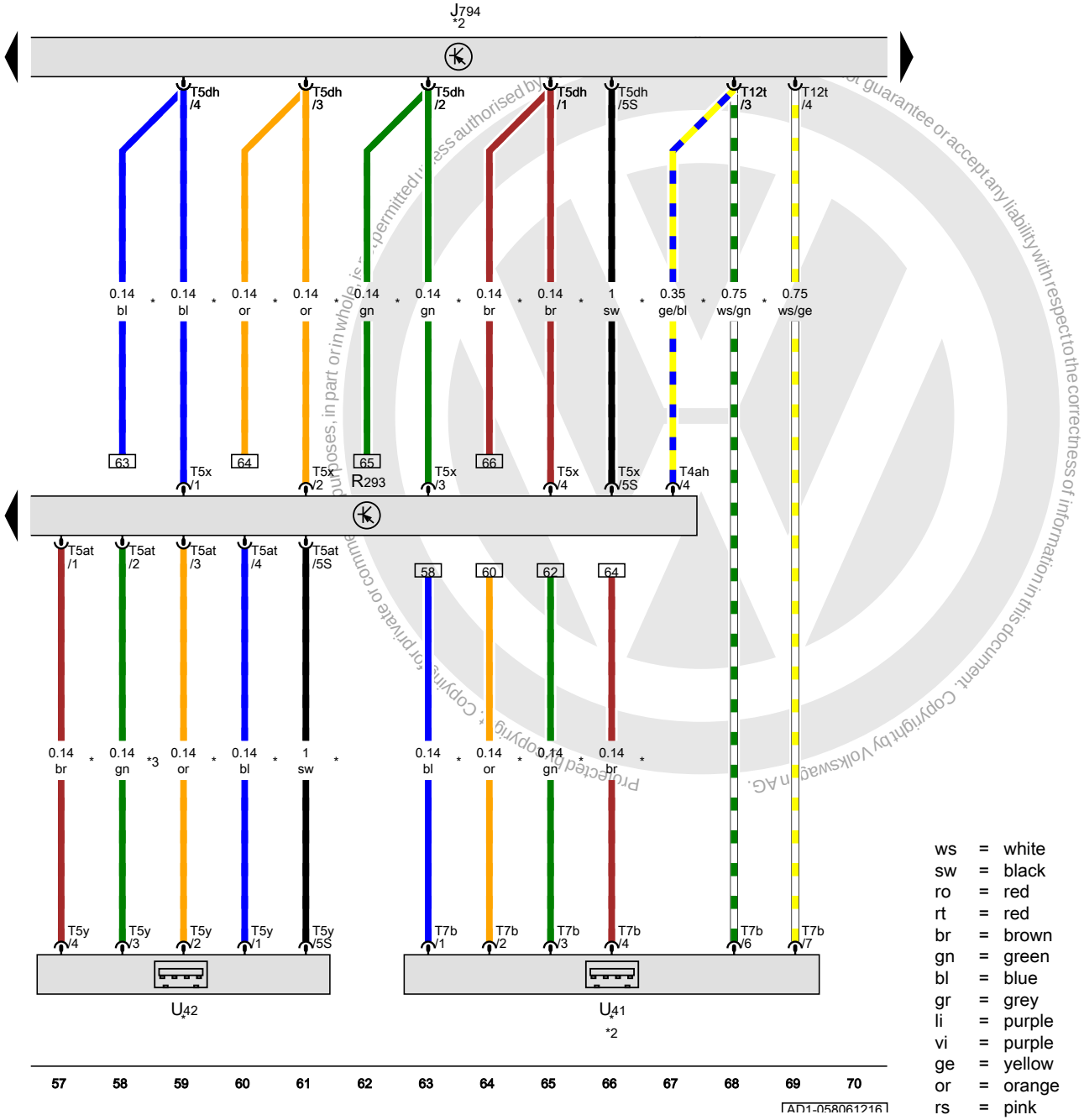


Control unit 1 for information electronics, USB hub

J794	Control unit 1 for information electronics
R293	USB hub
T4ah	4-pin connector, red
T5aq	5-pin connector, green
T5as	5-pin connector, purple
T8i	8-pin connector, black
U41	USB connection 1
286	Earth connection 8, in interior wiring harness
*	According to equipment
*2	From November 2016
*3	Up to November 2016
*4	Different connector colour possible

ws	=	white
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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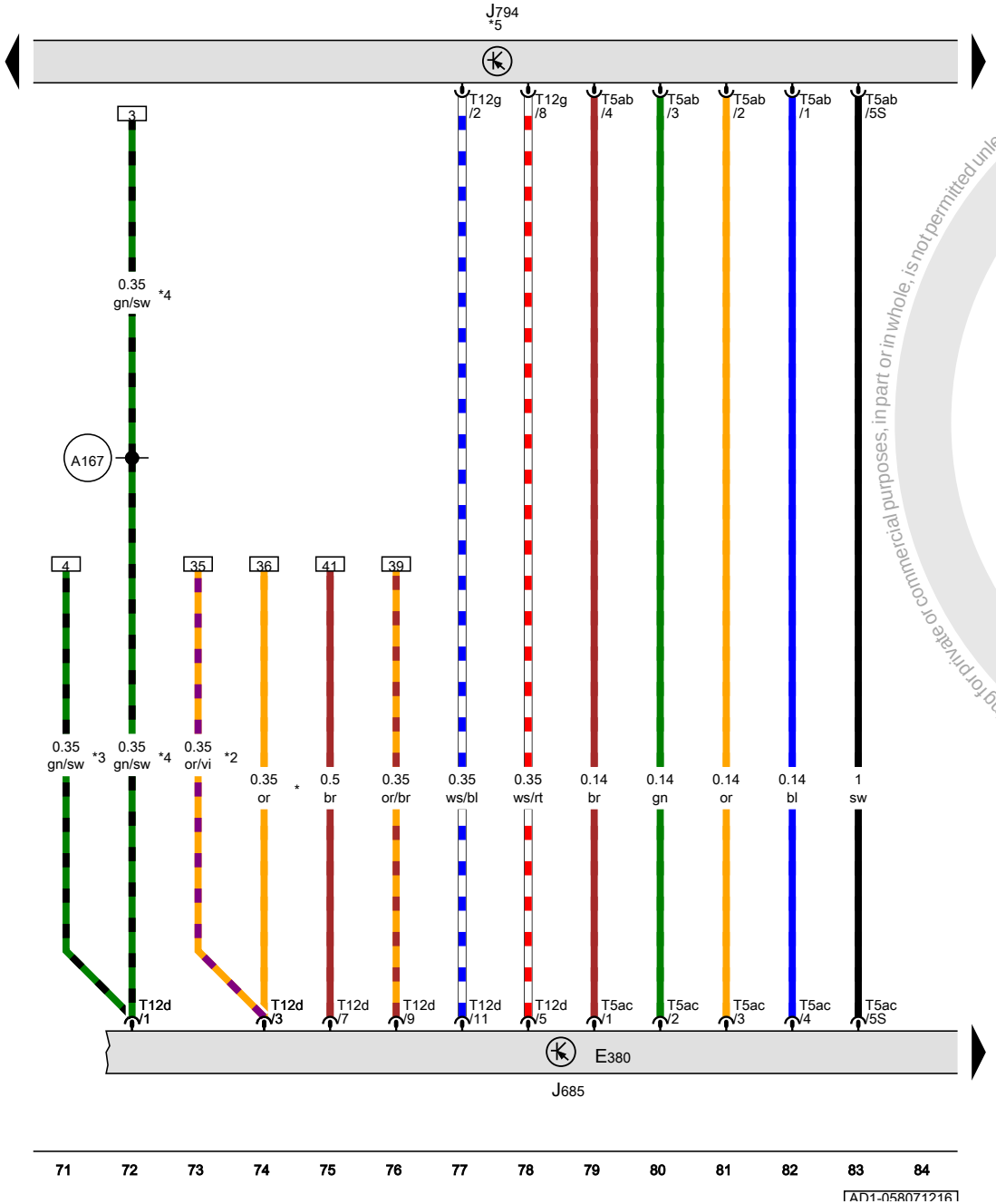


Control unit 1 for information electronics, USB hub, USB connection 1, USB connection 2

J794	Control unit 1 for information electronics
R293	USB hub
T4ah	4-pin connector, red
T5at	5-pin connector, brown
T5dh	5-pin connector, yellow
T5x	5-pin connector, green
T5y	5-pin connector, green
T7b	7-pin connector, green
T12t	12-pin connector, green
U41	USB connection 1
U42	USB connection 2
*	According to equipment
*2	Different connector colour possible
*3	Only models with glow pin glow plugs

ws	=	white
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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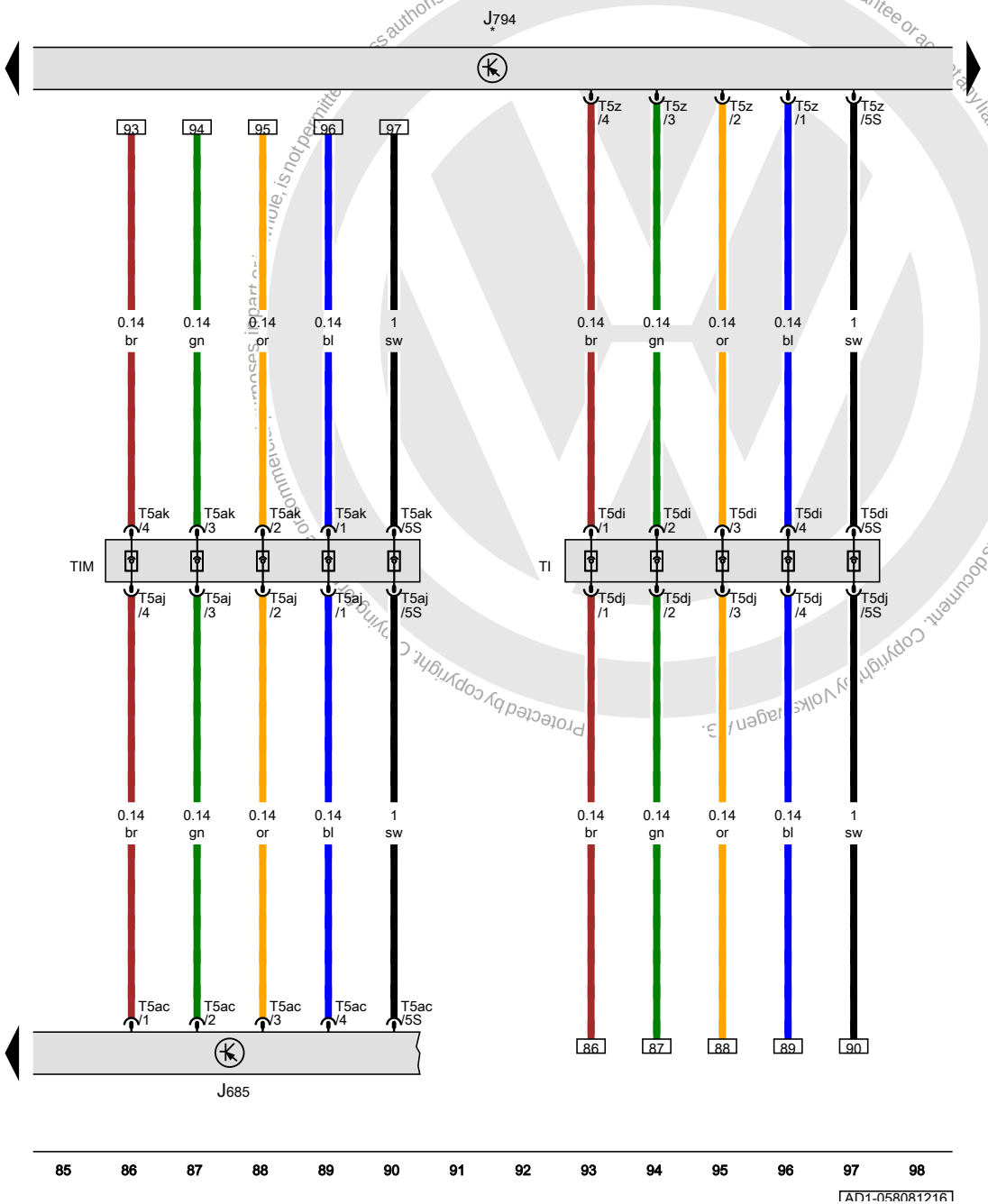


Multimedia system operating unit, Display unit for front information display and operating unit control unit, Control unit 1 for information electronics

E380	Multimedia system operating unit
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
T5ab	5-pin connector, purple
T5ac	5-pin connector, black
T12d	12-pin connector, black
T12g	12-pin connector, grey
A167	Positive connection 3 (30a) in dash panel wiring harness
*	From August 2016
*2	Up to August 2016
*3	Up to November 2016
*4	From November 2016
*5	Different connector colour possible

ws	=	white
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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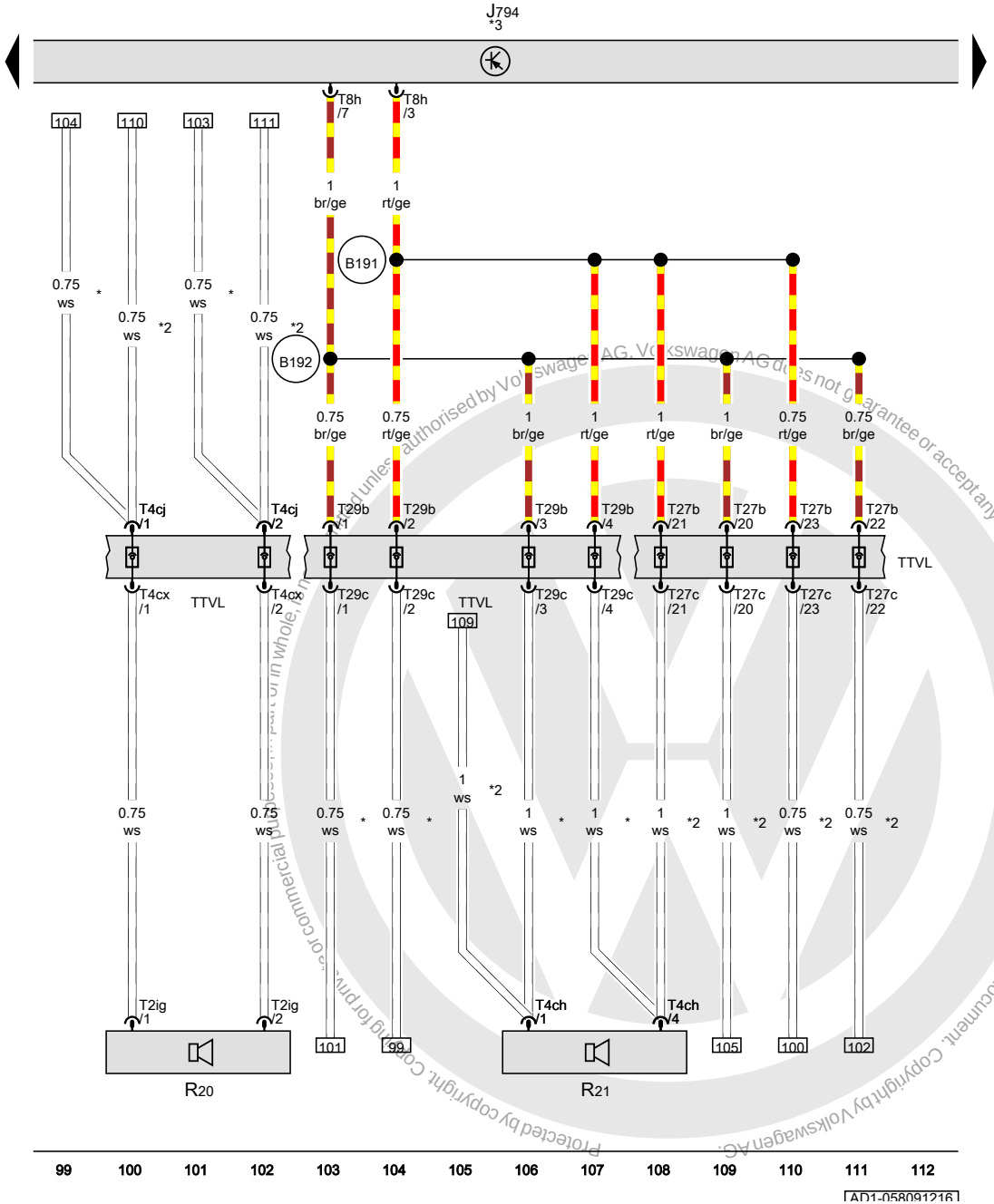


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Display unit for front information display and operating unit control unit, Control unit 1 for information electronics

J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
T5ac	5-pin connector, black
T5aj	5-pin connector, white
T5ak	5-pin connector, white
T5di	5-pin connector, black
T5dj	5-pin connector, black
T5z	5-pin connector, blue
TI	Coupling point in interior
TIM	Coupling point in interior, centre
*	Different connector colour possible

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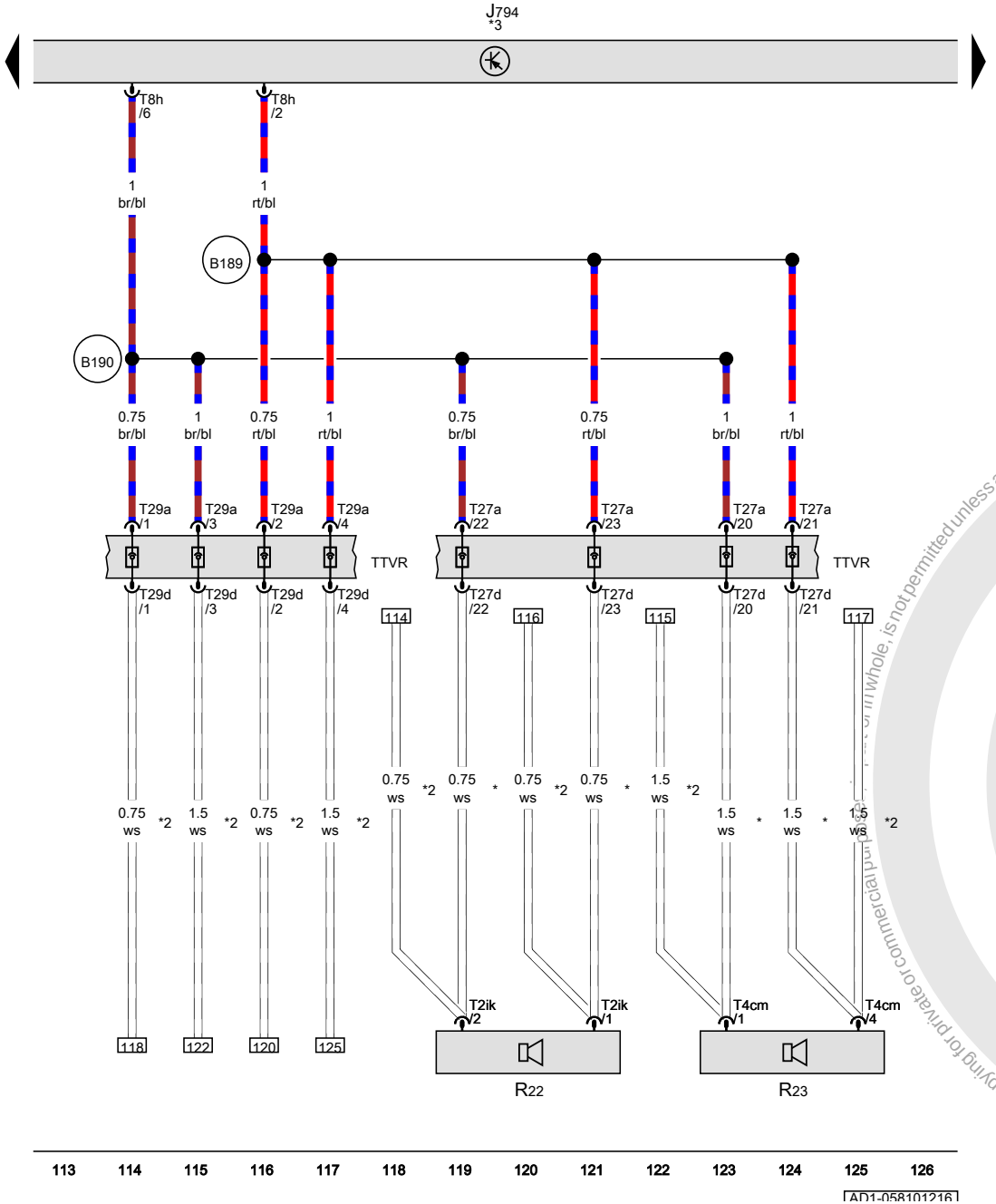


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit 1 for information electronics, Front left treble loudspeaker, Front left bass loudspeaker

J794	Control unit 1 for information electronics
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
T2ig	2-pin connector, black
T4ch	4-pin connector, black
T4cj	4-pin connector, black
T4cx	4-pin connector, black
T8h	8-pin connector, brown
T27b	27-pin connector, black
T27c	27-pin connector, black
T29b	29-pin connector, white
T29c	29-pin connector, white
TTVL	Coupling point for front left door
B191	Connection (positive, front left loudspeaker), in interior wiring harness
B192	Connection (negative, front left loudspeaker), in interior wiring harness
*	Only models with overhead view camera
*2	Only models with no overhead view camera
*3	Different connector colour possible

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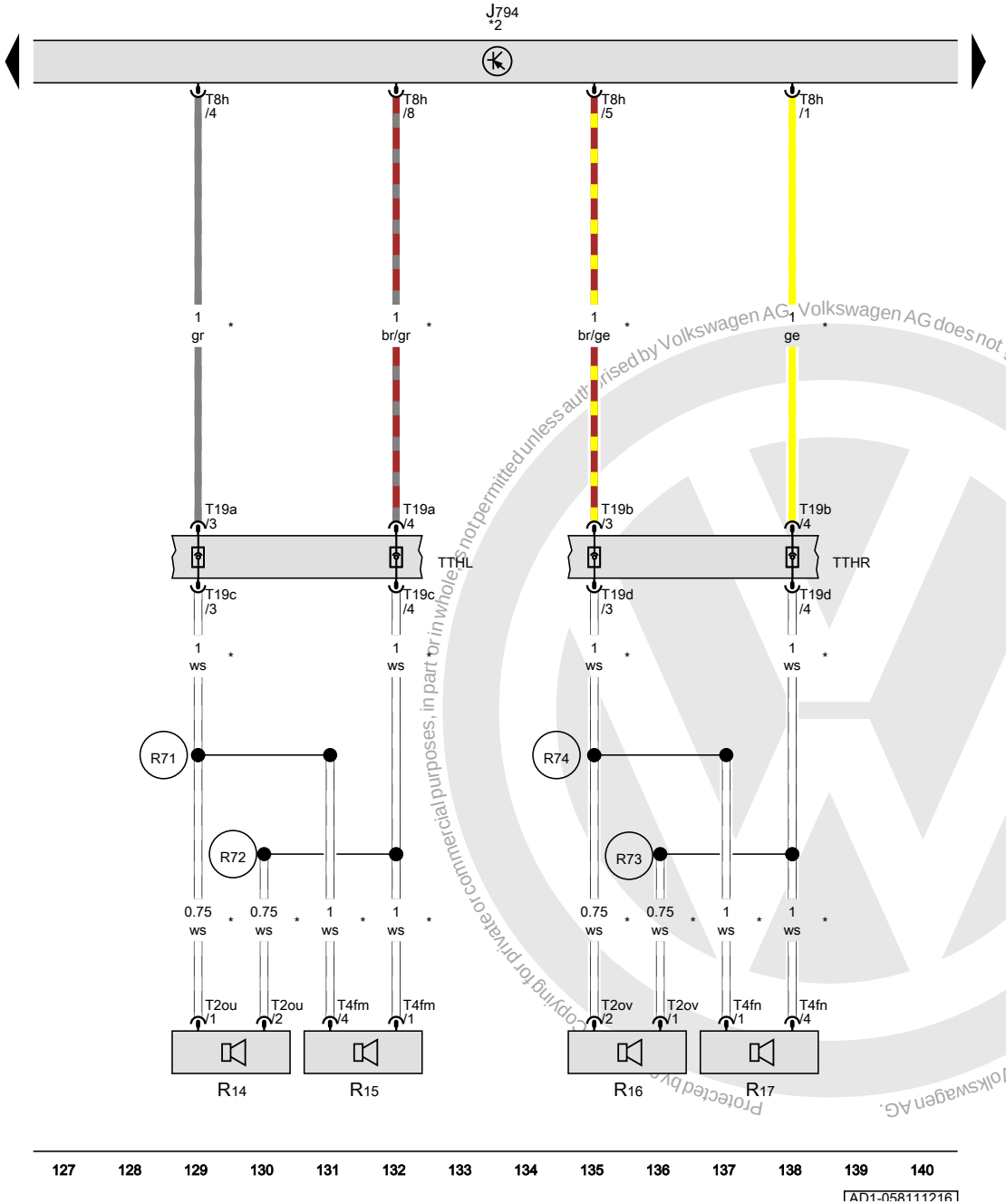


Control unit 1 for information electronics, Front right treble loudspeaker, Front right bass loudspeaker

J794	Control unit 1 for information electronics
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2ik	2-pin connector, black
T4cm	4-pin connector, black
T8h	8-pin connector, brown
T27a	27-pin connector, black
T27d	27-pin connector, black
T29a	29-pin connector, white
T29d	29-pin connector, white
TTVR	Coupling point for front right door
B189	Connection (positive, front right loudspeaker), in interior wiring harness
B190	Connection (negative, front right loudspeaker), in interior wiring harness
*	Only models with no overhead view camera
*2	Only models with overhead view camera
*3	Different connector colour possible

ws	=	white
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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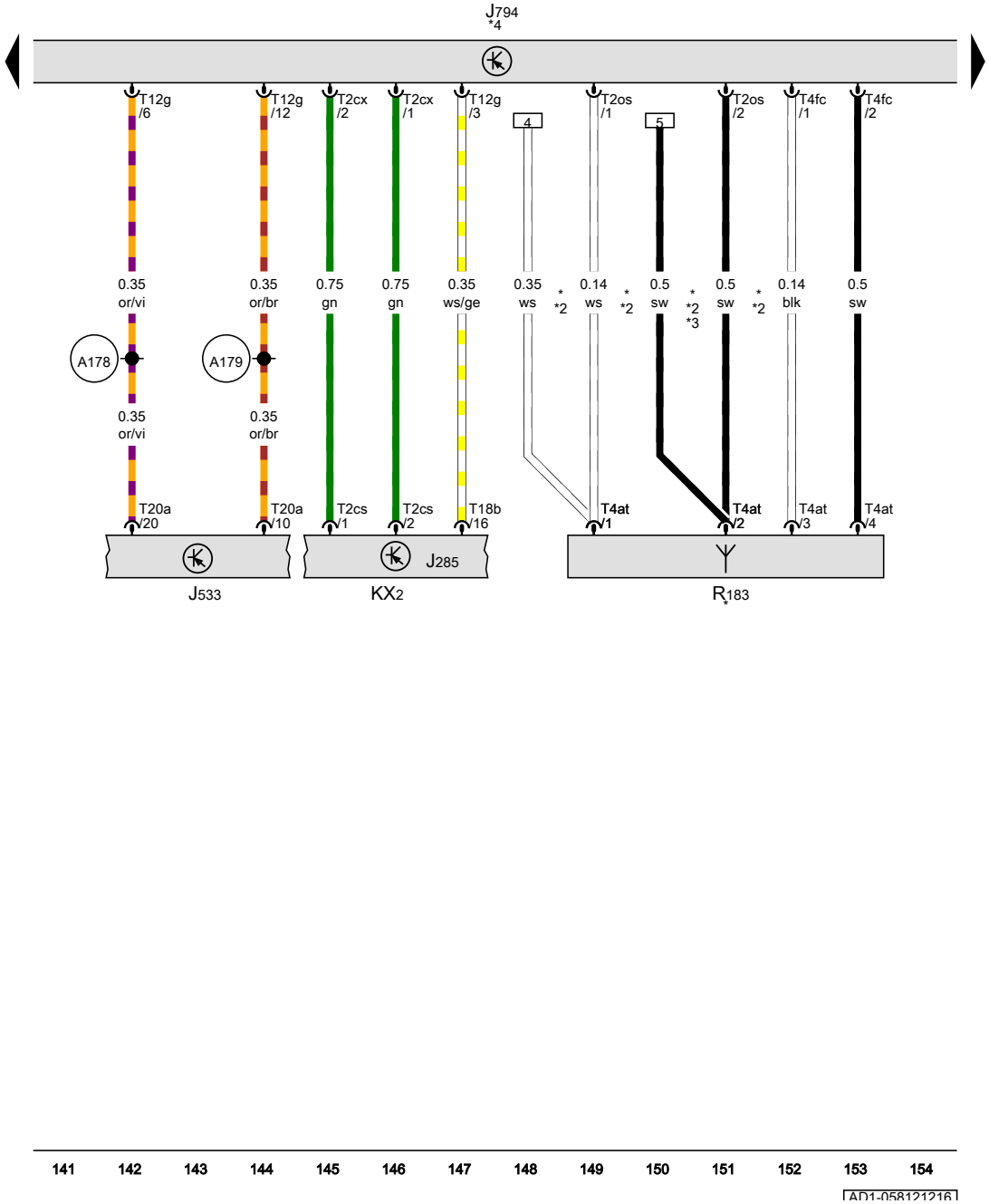


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Control unit 1 for information electronics, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker

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
T2ou	2-pin connector, black
T2ov	2-pin connector, black
T4fm	4-pin connector, black
T4fn	4-pin connector, black
T8h	8-pin connector, brown
T19a	19-pin connector, black
T19b	19-pin connector, black
T19c	19-pin connector, black
T19d	19-pin connector, black
TTHL	Coupling point for rear left door
TTHR	Coupling point for rear right door
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with 8 loudspeakers (8RM)
*2	Different connector colour possible

ws	=	white
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 in dash panel insert, Data bus diagnostic interface, Control unit 1 for information electronics, Dash panel insert, Digital radio aerial

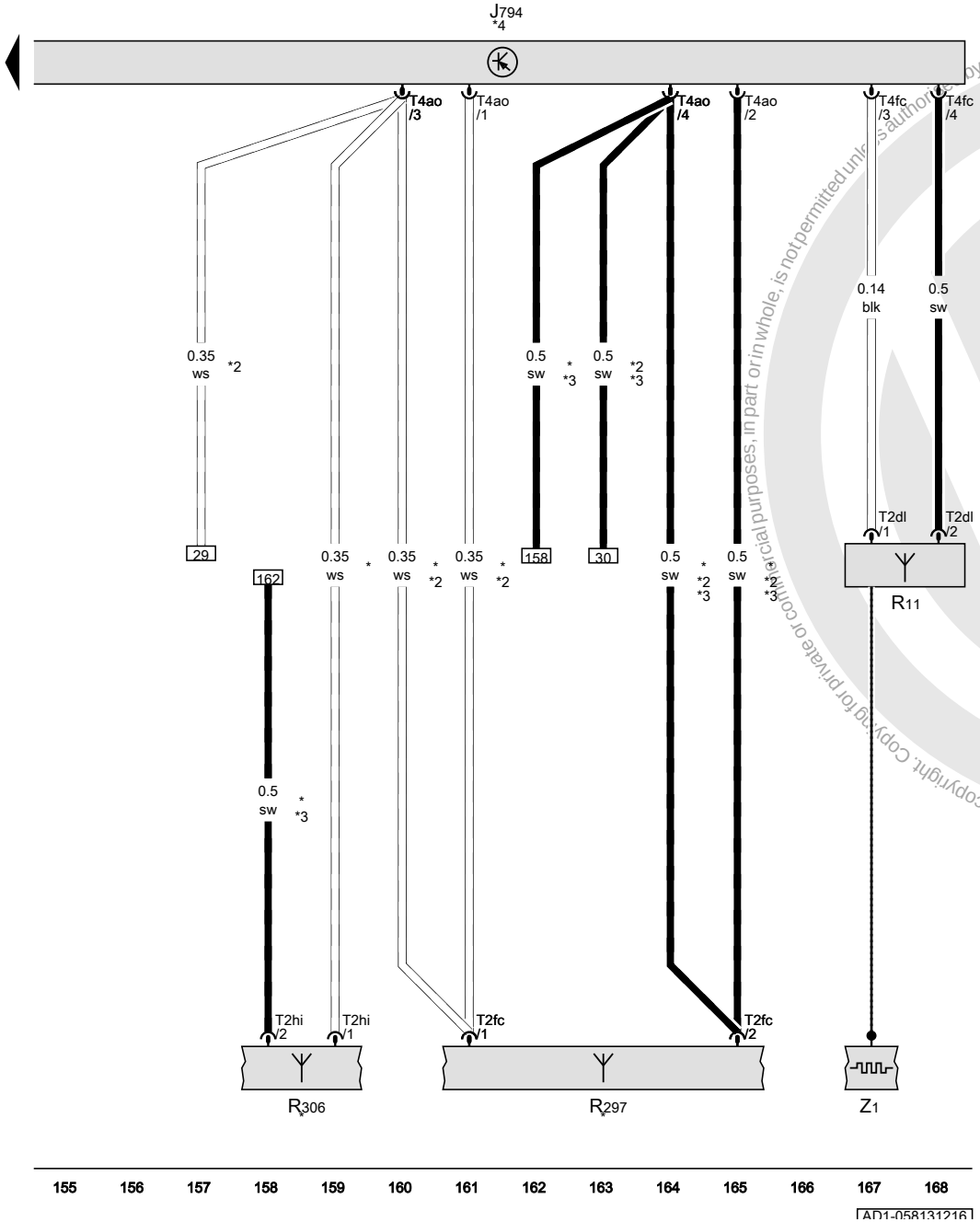
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
KX2	Dash panel insert
R183	Digital radio aerial
T2cs	2-pin connector, black
T2cx	2-pin connector, black
T2os	2-pin connector, black
T4at	4-pin connector, black
T4fc	4-pin connector, white
T12g	12-pin connector, grey
T18b	18-pin connector, black
T20a	20-pin connector, red
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 digital radio
*2	According to equipment
*3	Different wire colour possible
*4	Different connector colour possible

ws	=	white
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 1 for information electronics, Aerial, Heated rear window

J794	Control unit 1 for information electronics
R11	Aerial
R297	LTE aerial 1
R306	LTE aerial 2
T2dl	2-pin connector, yellow
T2fc	2-pin connector, purple
T2hi	2-pin connector, yellow
T4ao	4-pin connector, purple
T4fc	4-pin connector, white
Z1	Heated rear window
*	Optional equipment
*2	According to equipment
*3	Different wire colour possible
*4	Different connector colour possible



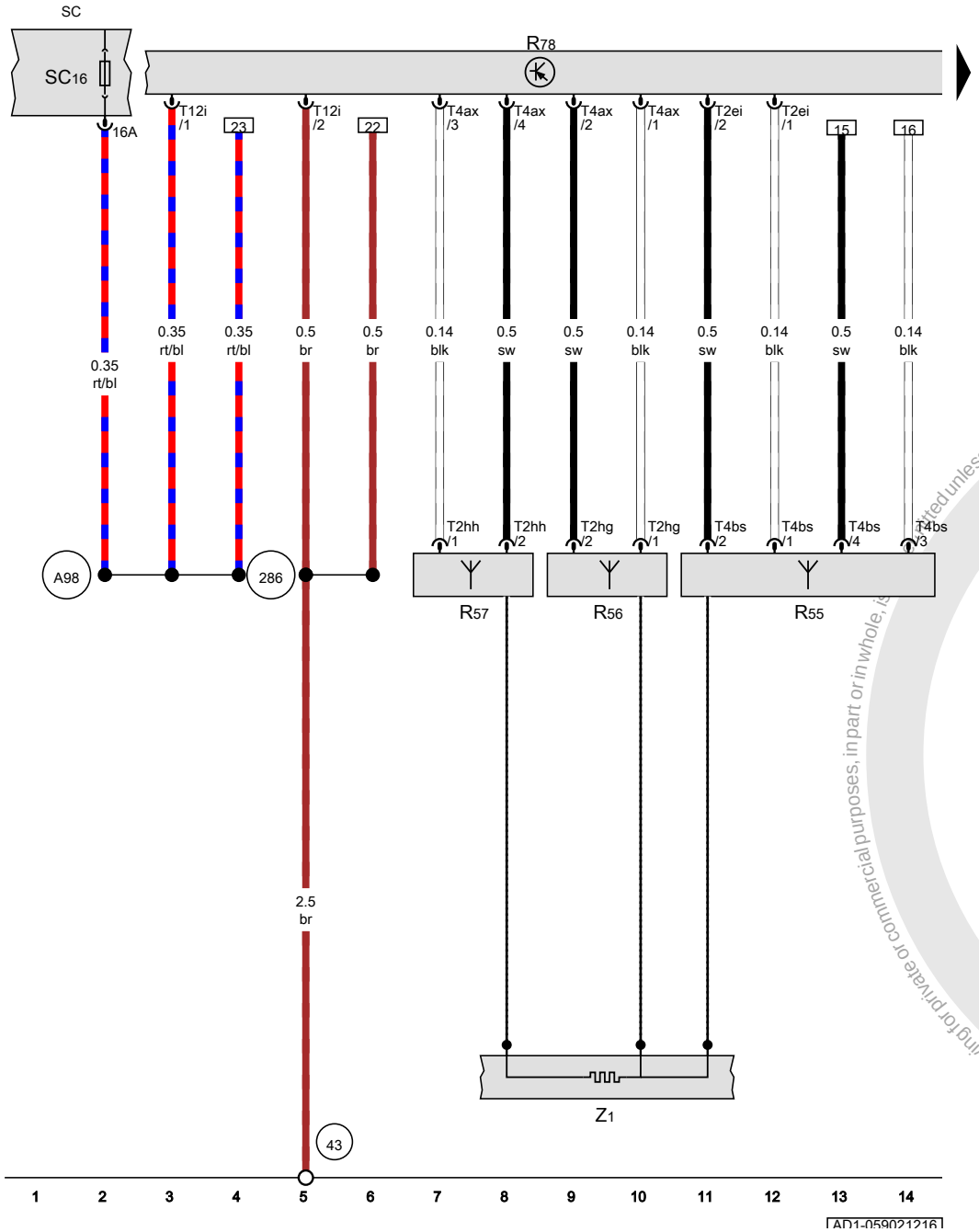
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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TV tuner, card reader unit (Japan) , (QU1),(QV1)

From May 2016

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TV aerial 1, TV aerial 2, TV aerial 3, TV tuner, Fuse holder C

R55	TV aerial 1
R56	TV aerial 2
R57	TV aerial 3
R78	TV tuner
SC	Fuse holder C
SC16	Fuse 16 on fuse holder C
T2ei	2-pin connector, brown
T2hg	2-pin connector, brown
T2hh	2-pin connector, brown
T4ax	4-pin connector, green
T4bs	4-pin connector, purple
T12i	12-pin connector, black
Z1	Heated rear window

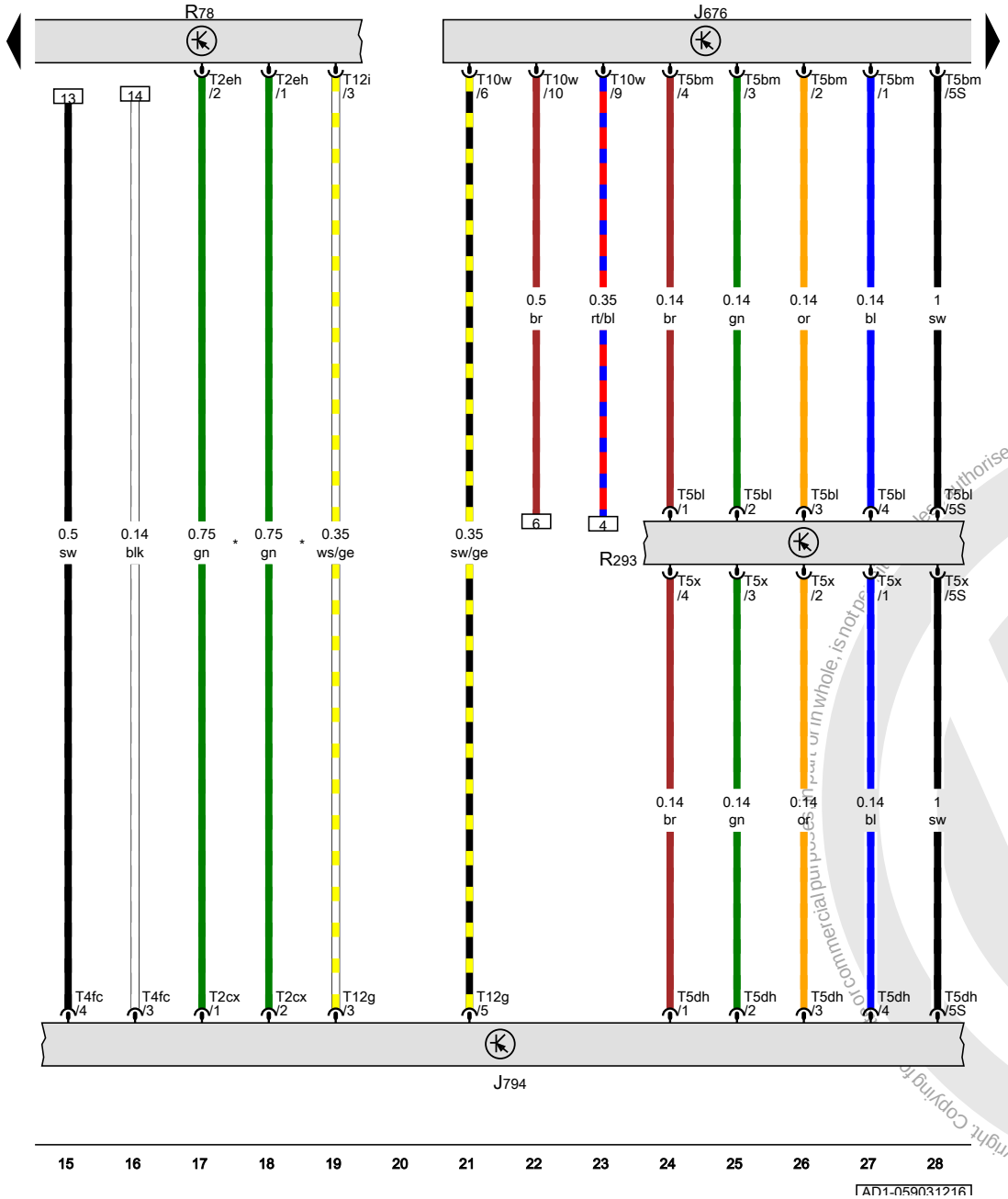
43	Earth point, lower part of right A-pillar
286	Earth connection 8, in interior wiring harness
A98	Positive connection 4 (30), in dash panel wiring harness

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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Chip card reader control unit, Control unit 1 for information electronics, TV tuner, USB hub

J676	Chip card reader control unit
J794	Control unit 1 for information electronics
R78	TV tuner
R293	USB hub
T2cx	2-pin connector, black
T2eh	2-pin connector, black
T4fc	4-pin connector, white
T5bl	5-pin connector, black
T5bm	5-pin connector, brown
T5dh	5-pin connector, yellow
T5x	5-pin connector, green
T10w	10-pin connector, black
T12g	12-pin connector, grey
T12i	12-pin connector, black
*	Fibre optic cable (FOC)

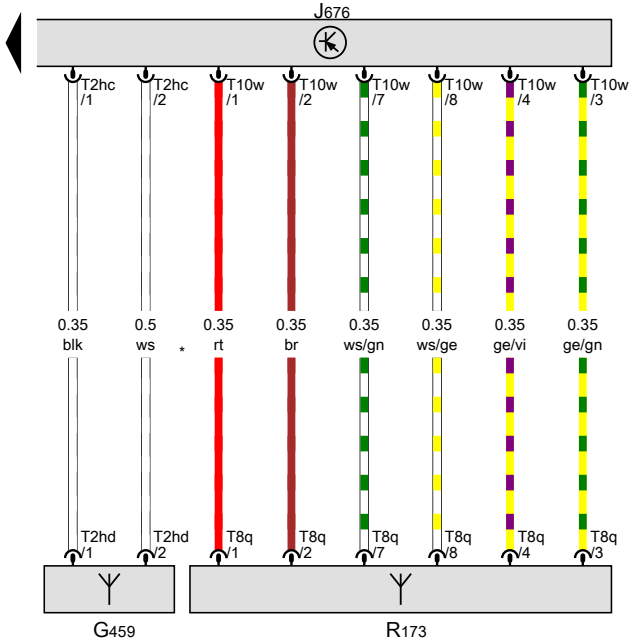


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Toll collection sender, Chip card reader control unit, Traffic data aerial

G459	Toll collection sender
J676	Chip card reader control unit
R173	Traffic data aerial
T2hc	2-pin connector, yellow
T2hd	2-pin connector, yellow
T8q	8-pin connector, black
T10w	10-pin connector, black
*	Different wire colour possible



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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

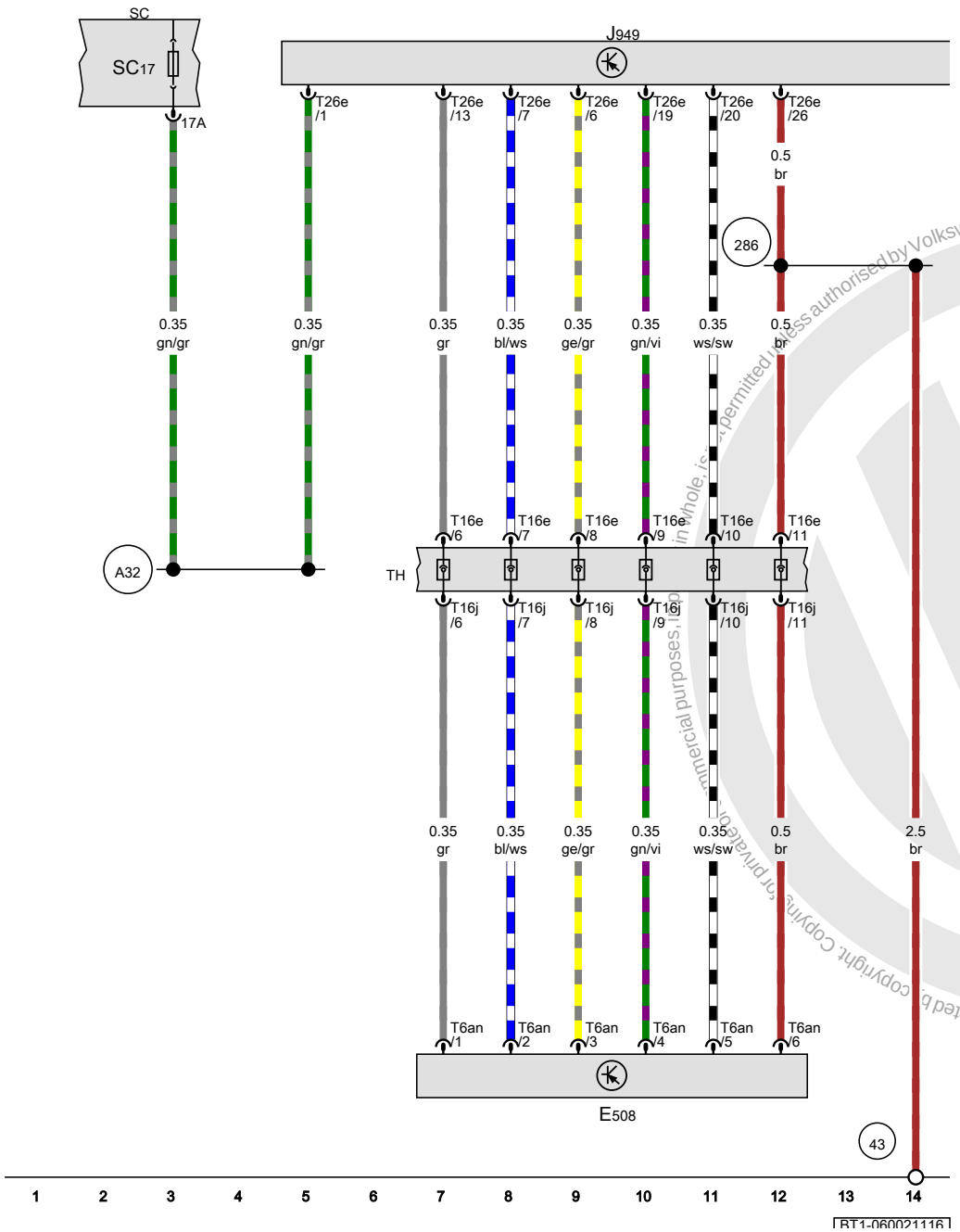
29 30 31 32 33 34 35 36 37 38 39 40 41 42

AD1-059041216

Emergency call module , (NZ3)

From November 2016

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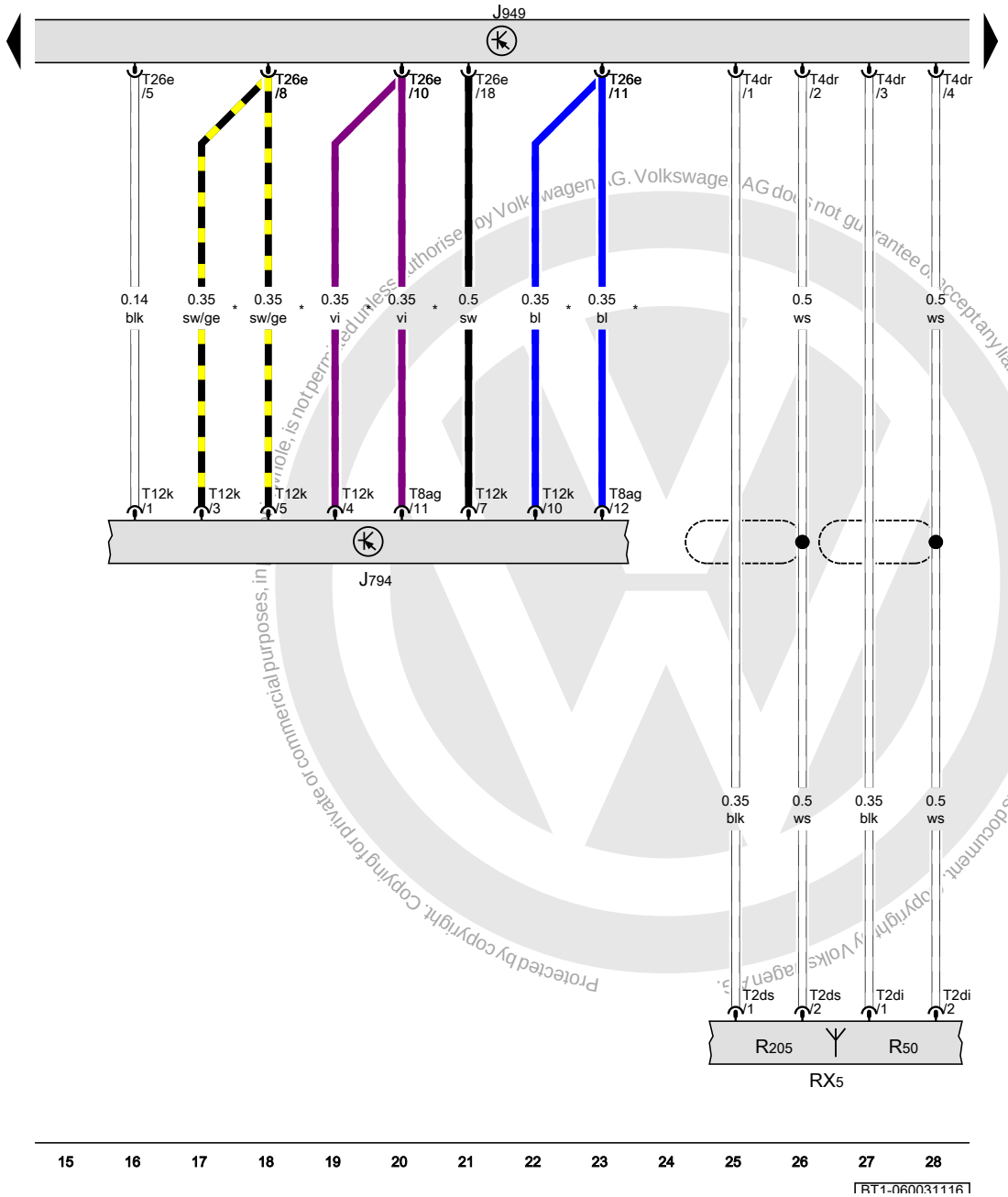


Operating unit for preparation for mobile telephone, Emergency call module control unit and communication unit, Fuse holder C

E508	Operating unit for preparation for mobile telephone
J949	Emergency call module control unit and communication unit
SC	Fuse holder C
SC17	Fuse 17 on fuse holder C
T6an	6-pin connector, brown
T16e	16-pin connector, brown
T16j	16-pin connector, brown
T26e	26-pin connector, black
TH	Coupling point for roof
43	Earth point, lower part of right A-pillar
286	Earth connection 8, in interior wiring harness
A32	Positive connection (30), 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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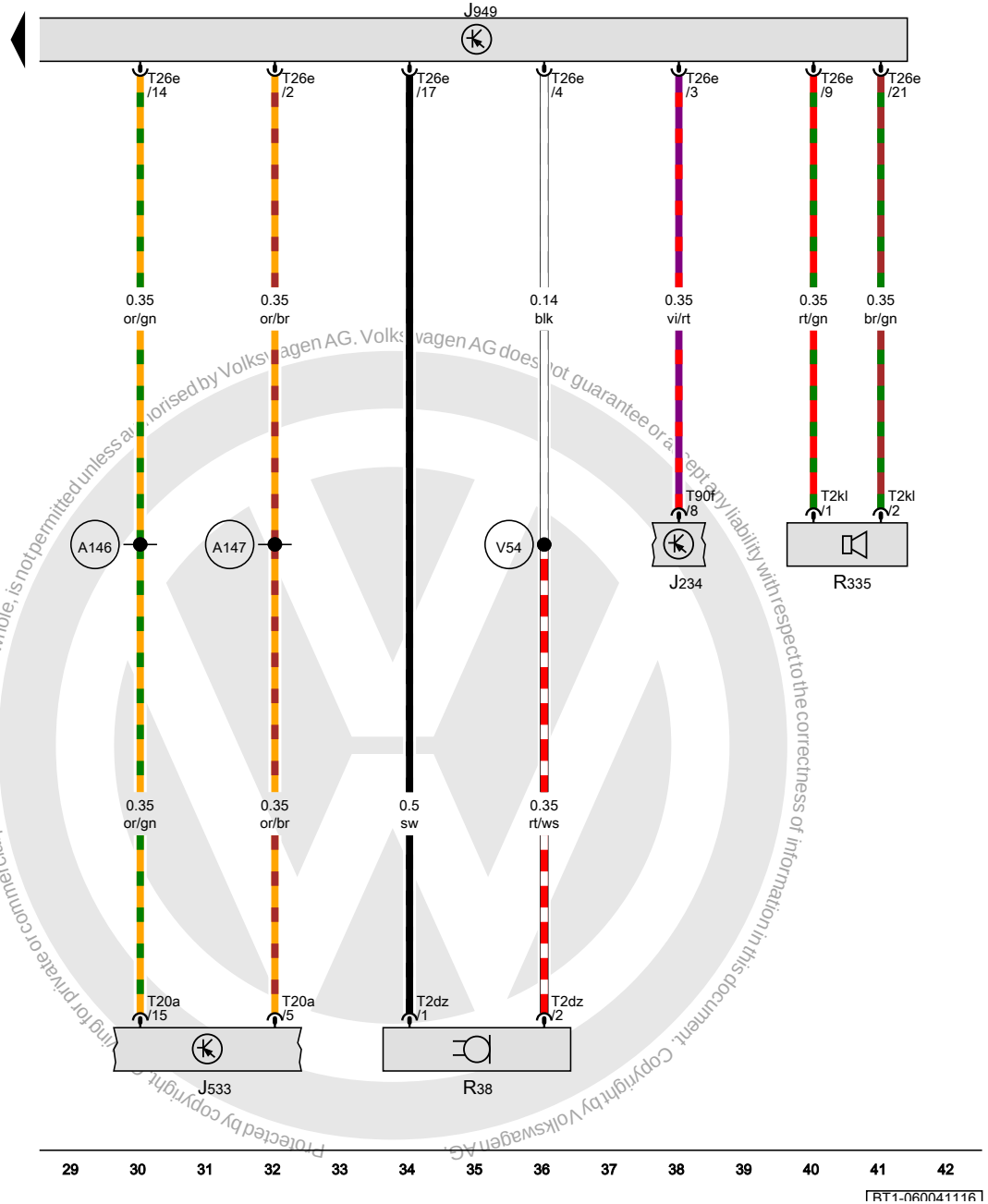


Control unit 1 for information electronics, Emergency call module control unit and communication unit, Roof aerial

J794	Control unit 1 for information electronics
J949	Emergency call module control unit and communication unit
RX5	Roof aerial
R50	GPS aerial
R205	GSM aerial
T2di	2-pin connector, blue
T2ds	2-pin connector, purple
T4dr	4-pin connector, purple
T8ag	8-pin connector, black
T12k	12-pin connector, blue
T26e	26-pin connector, black
*	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

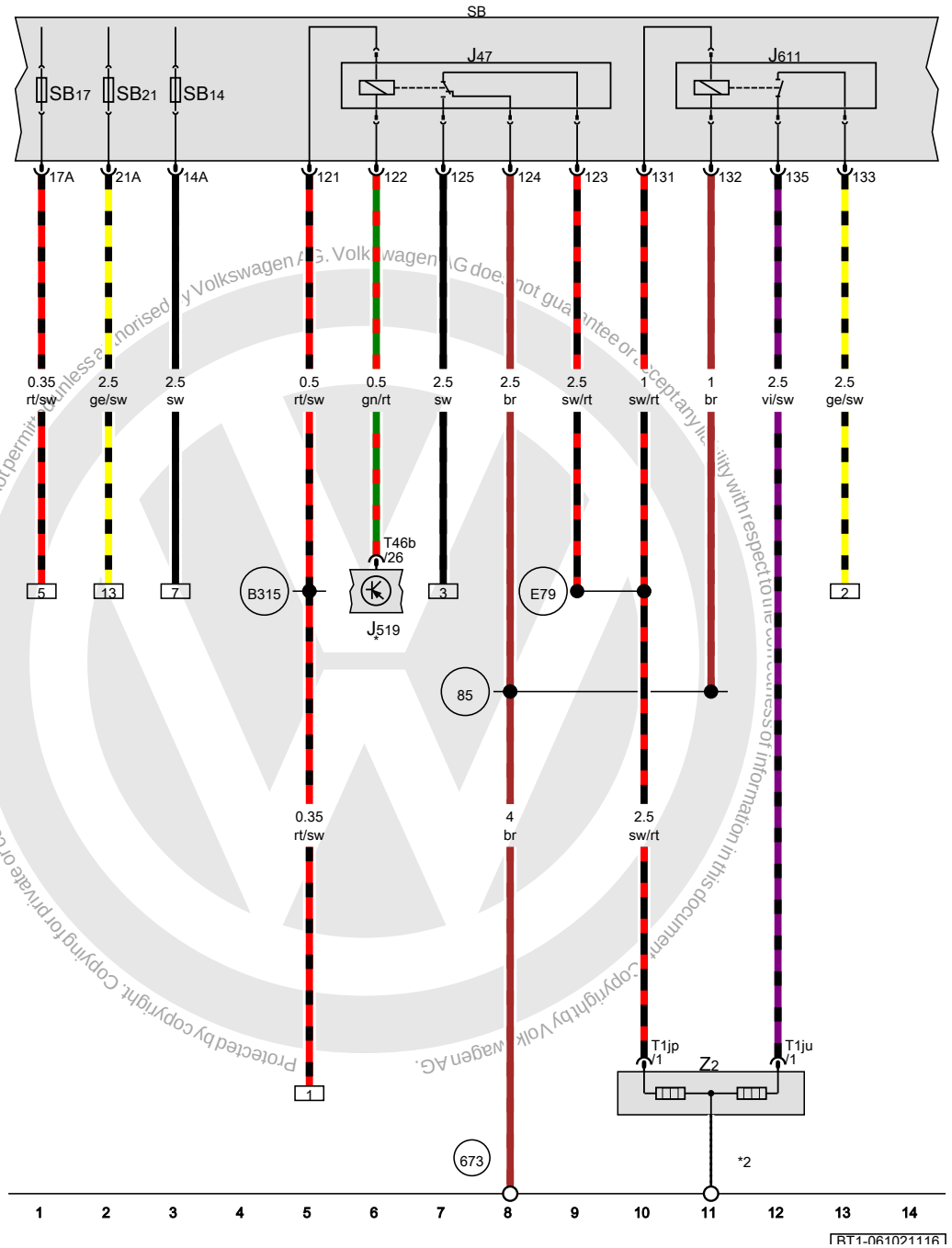
Airbag control unit, Data bus diagnostic interface, Emergency call module control unit and communication unit, Telephone microphone, Loudspeaker for emergency call module

J234	Airbag control unit
J533	Data bus diagnostic interface
J949	Emergency call module control unit and communication unit
R38	Telephone microphone
R335	Loudspeaker for emergency call module
T2dz	2-pin connector, black
T2kl	2-pin connector, black
T20a	20-pin connector, red
T26e	26-pin connector, black
T90f	90-pin connector, yellow
A146	Connection (convenience CAN bus, high), in dash panel wiring harness
A147	Connection (convenience CAN bus, low), in dash panel wiring harness
V54	Connection 1 (telephone), in main wiring harness

Heated windscreen , (4GX)

From November 2016

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Onboard supply control unit, Fuse holder B, Heated windscreen

J47	Heated windscreen relay
J519	Onboard supply control unit
J611	Heated windscreen relay 2
SB	Fuse holder B
SB14	Fuse 14 on fuse holder B
SB17	Fuse 17 on fuse holder B
SB21	Fuse 21 on fuse holder B
T1jp	1-pin connector, black
T1ju	1-pin connector, black
T46b	46-pin connector, black
Z2	Heated windscreen
85	Earth connection 1, in engine compartment wiring harness
673	Earth point 3, on front of left longitudinal member
B315	Positive connection 1 (30a) in main wiring harness
E79	Connection 3 (87a) in engine wiring harness
*	Activation via menu in infotainment system
*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

1 Earth points

1.1 Earth points in front part of vehicle

1.1.1 Earth points in engine compartment part 1

12 - Earth point, on left in engine compartment
- ❑ Torque 9 Nm

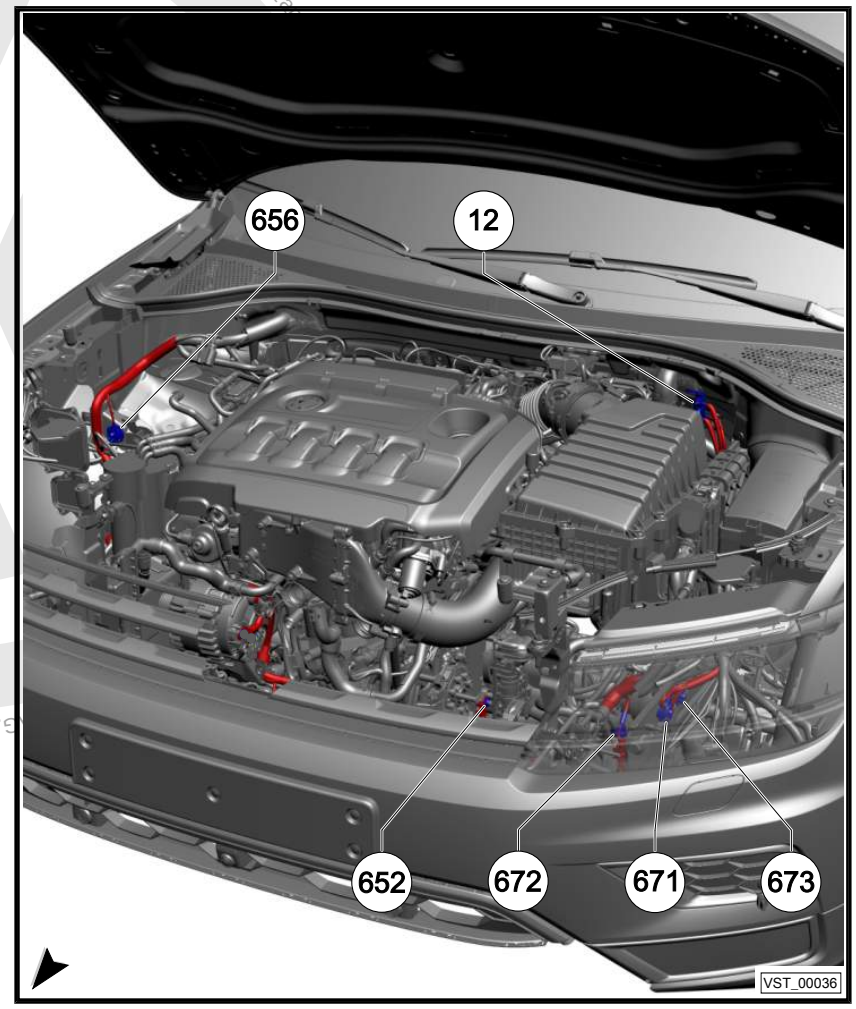
652 - Earth point, engine and gearbox earth
- ❑ Torque 20 Nm

656 - Earth point, on right headlight
- ❑ Torque 9 Nm

671 - Earth point 1, on front of left longitudinal member
- ❑ Torque 9 Nm

672 - Earth point 2, on front of left longitudinal member
- ❑ Torque 20 Nm

673 - Earth point 3, on front of left longitudinal member
- ❑ Torque 9 Nm

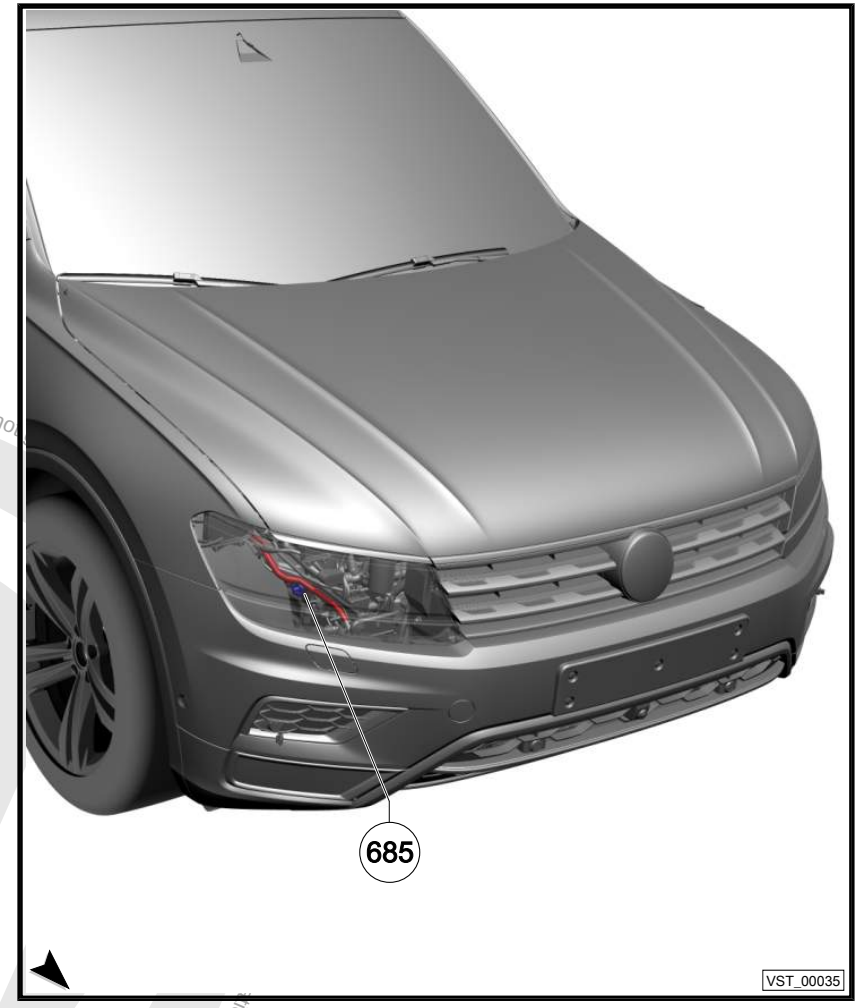


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1.1.2 Earth points in engine compartment part 2

685 - Earth point 1, on front of right longitudinal member

- ❑ Torque 9 Nm



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1.2 Earth points in middle part of vehicle

1.2.1 Earth points in interior, left

44 - Earth point, lower part of left A-pillar

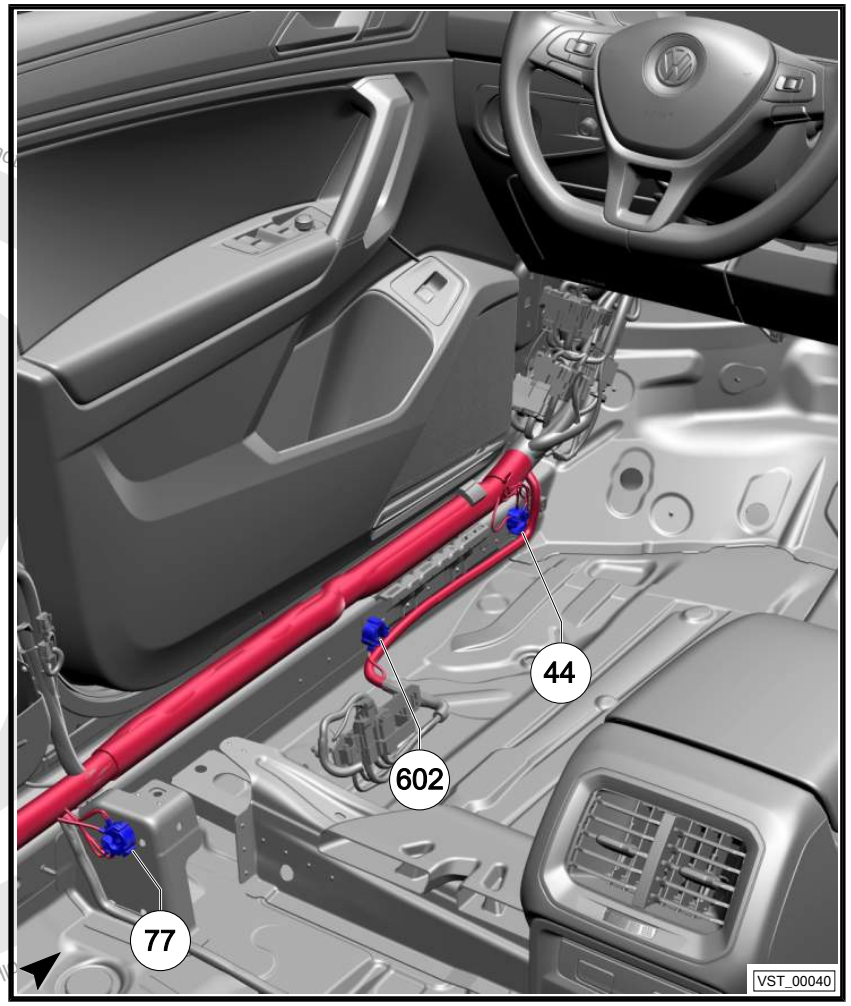
- ❑ Torque 9 Nm

77 - Earth point, lower part of left B-pillar

- ❑ Torque 9 Nm

602 - Earth point, in front left footwell

- ❑ Torque 9 Nm



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1.2.2 Earth points in interior, right

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

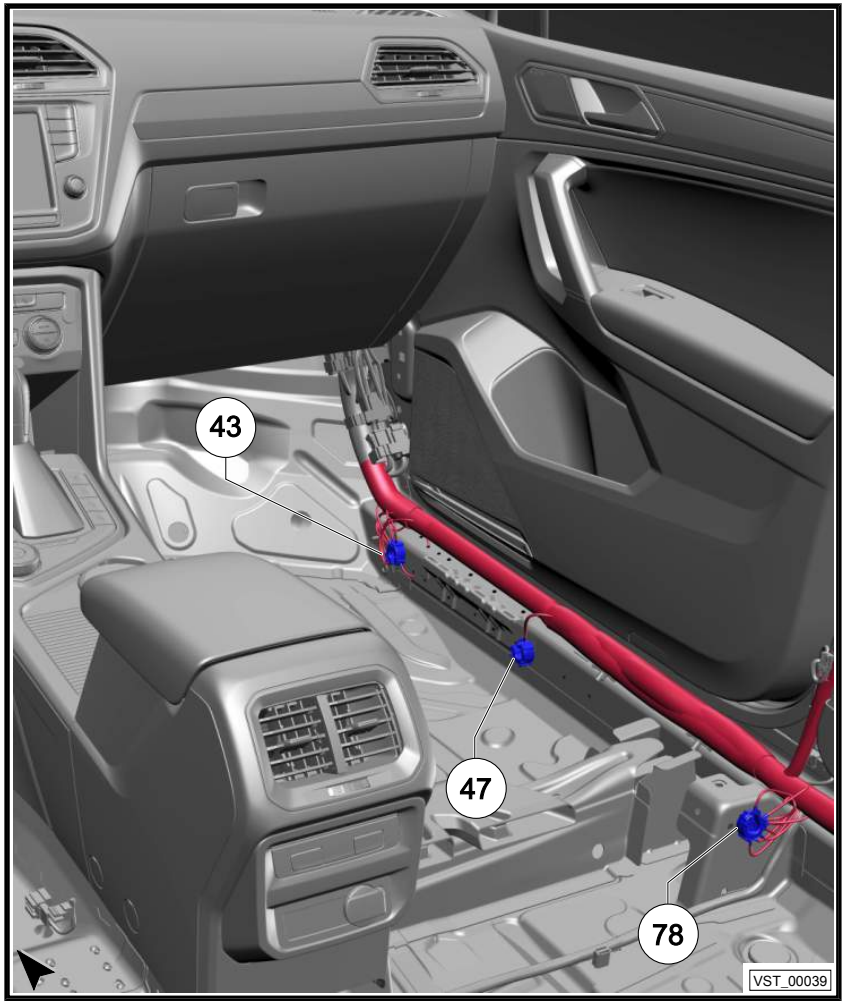
- ❑ Torque 9 Nm

47 - Earth point, in front right footwell

- ❑ Torque 9 Nm

78 - Earth point, lower part of right B-pillar

- ❑ Torque 9 Nm



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1.2.3 Earth points, in interior, centre

778 - Earth point for high-voltage heater (PTC)

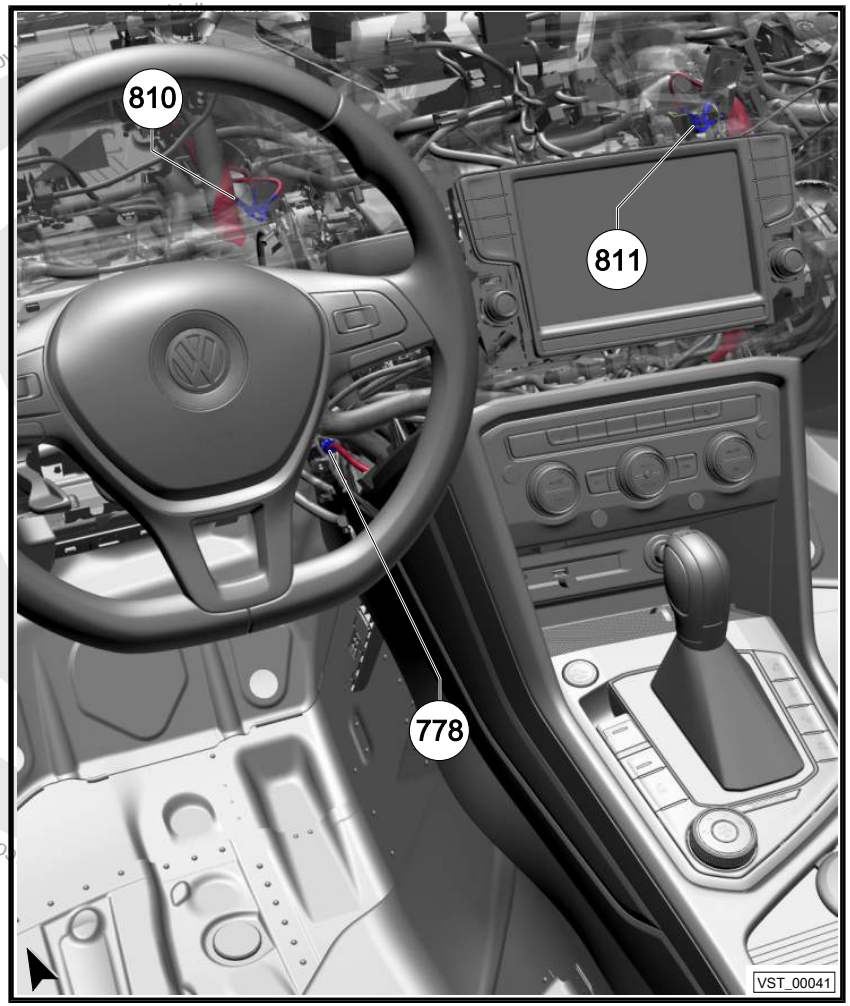
- ❑ Torque 9 Nm

810 - Earth point on central tube for dash panel, centre left

- ❑ Only left-hand drive models
- ❑ Torque 9 Nm

811 - Earth point on central tube for dash panel, centre right

- ❑ Only right-hand drive models
- ❑ Torque 9 Nm



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1.3 Earth points in rear part of vehicle

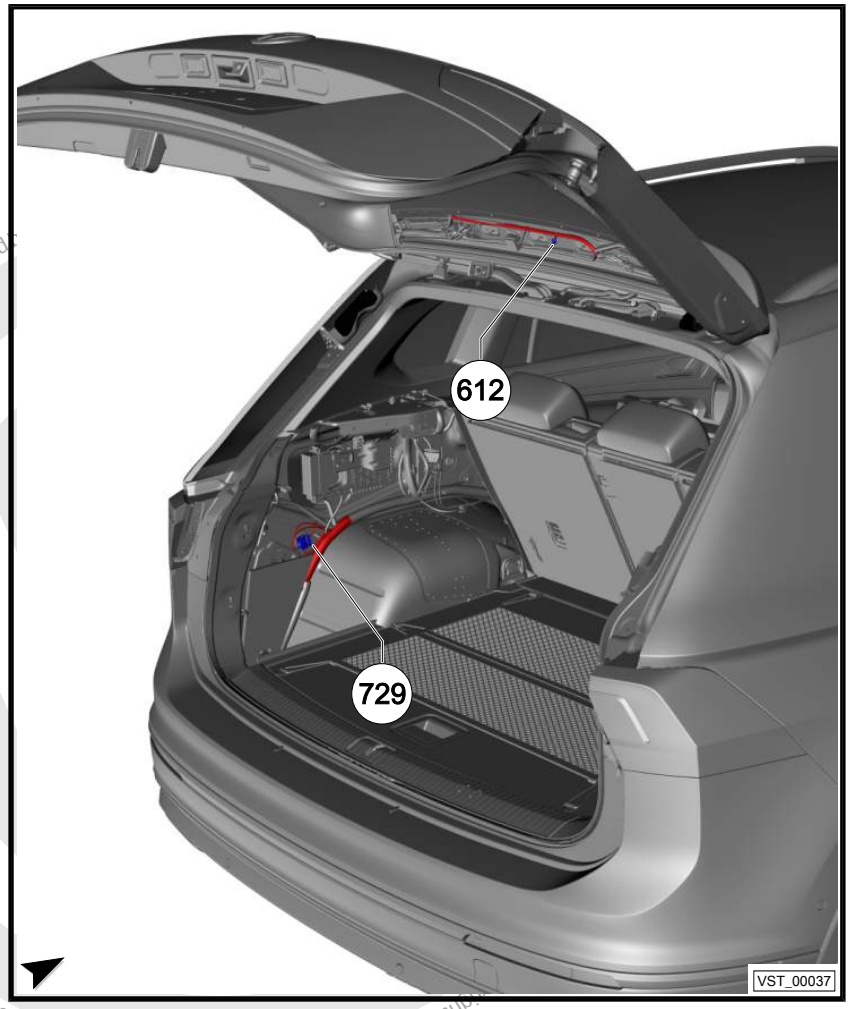
1.3.1 Earth points in rear part of vehicle part 1

612 - Earth point, centre on rear lid

- ❑ Torque 2 Nm

729 - Earth point, on left rear wheel housing

- ❑ Torque 9 Nm



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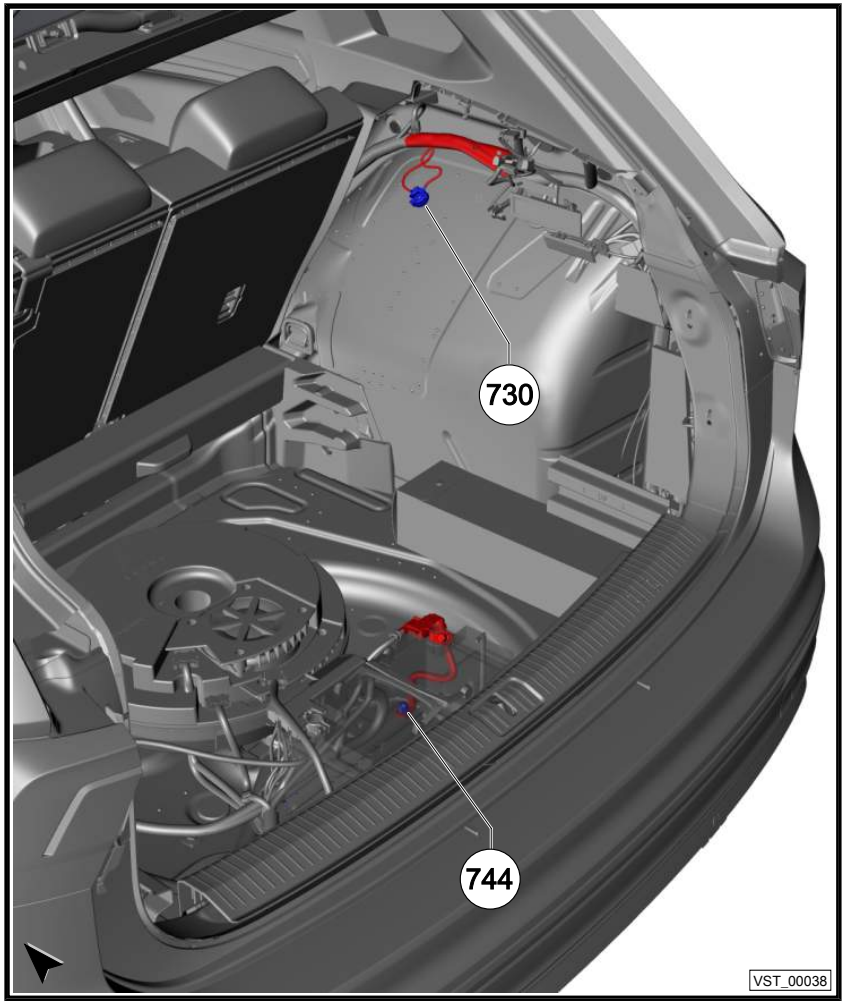
1.3.2 Earth points in rear part of vehicle part 2

730 - Earth point 1, on right rear wheel housing

- ❑ Torque 9 Nm

744 - Earth point in spare wheel well

- ❑ Torque 20 Nm



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1.4 Earth points on roof

1.4.1 Earth points on roof

689 - Earth point, at front, central in roof

- ❑ Only models with heated windscreen
- ❑ Torque 9 Nm

690 - Earth point, rear centre roof frame

- ❑ Torque 2Nm



1.5 Earth points on engine

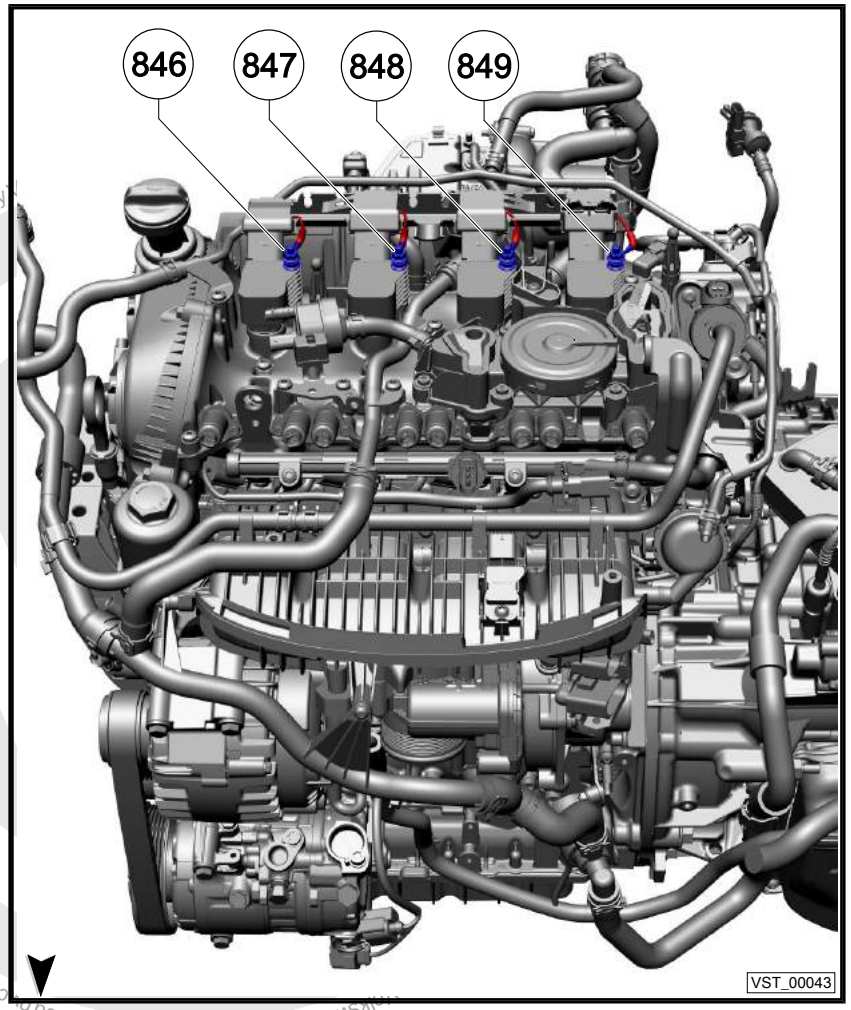
1.5.1 Earth points on 2.0l petrol engine, CHHB/CZPA

846 - Earth point on ignition coil 1
- ❑ Torque 9 Nm

847 - Earth point on ignition coil 2
- ❑ Torque 9 Nm

848 - Earth point on ignition coil 3
- ❑ Torque 9 Nm

849 - Earth point on ignition coil 4
- ❑ Torque 9 Nm

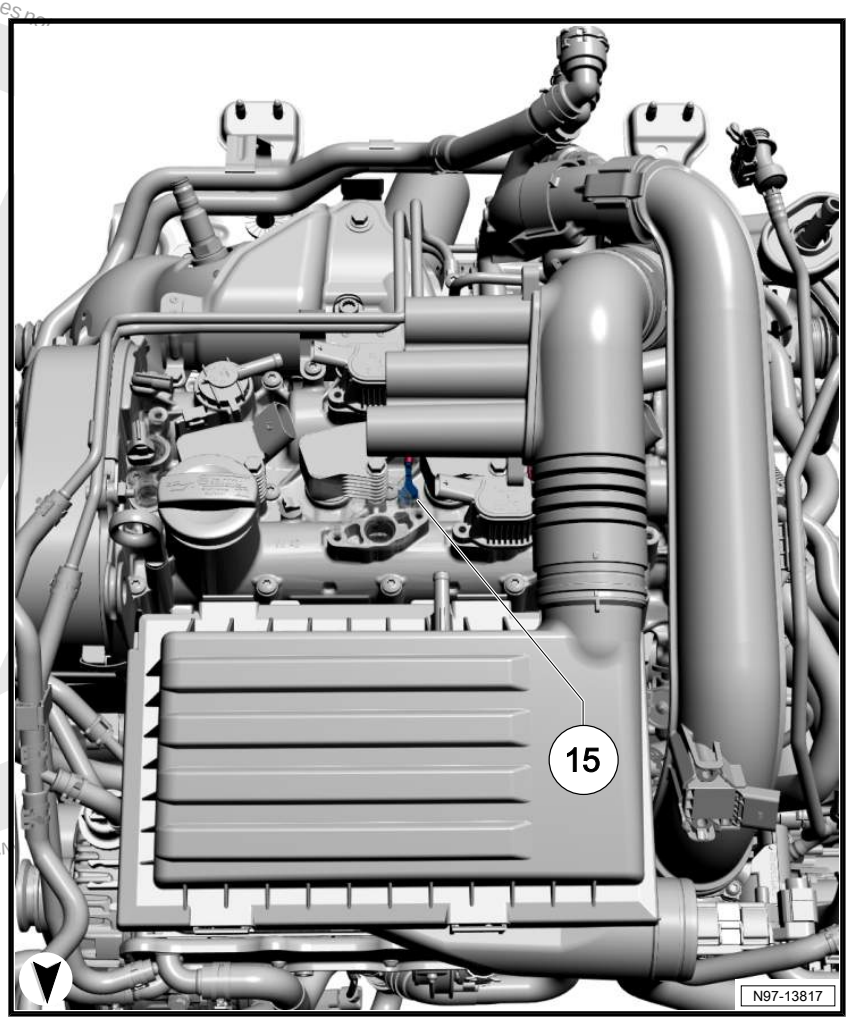


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1.5.2 Earth points on 1.4l petrol engine, CZCA/CZDA/CZEA

15 - Earth point, on cylinder head

- ❑ Torque 8 Nm



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1 Fuses

1.1 Overview of fuse holders

1 - Fuse holder G -SG-

- ❑ Fitting location ⇒ page 2
- ❑ Fuse assignment, from January 2016 ⇒ page 3

2 - Fuse holder C -SC-

- ❑ Fitting location, left-hand drive models ⇒ page 4
- ❑ Fitting location, right-hand drive models ⇒ page 5
- ❑ Fuse assignment, from January 2016 ⇒ page 6
- ❑ Fuse assignment, from May 2016 ⇒ page 10
- ❑ Fuse assignment, from November 2016 ⇒ page 14

2 - Single fuses

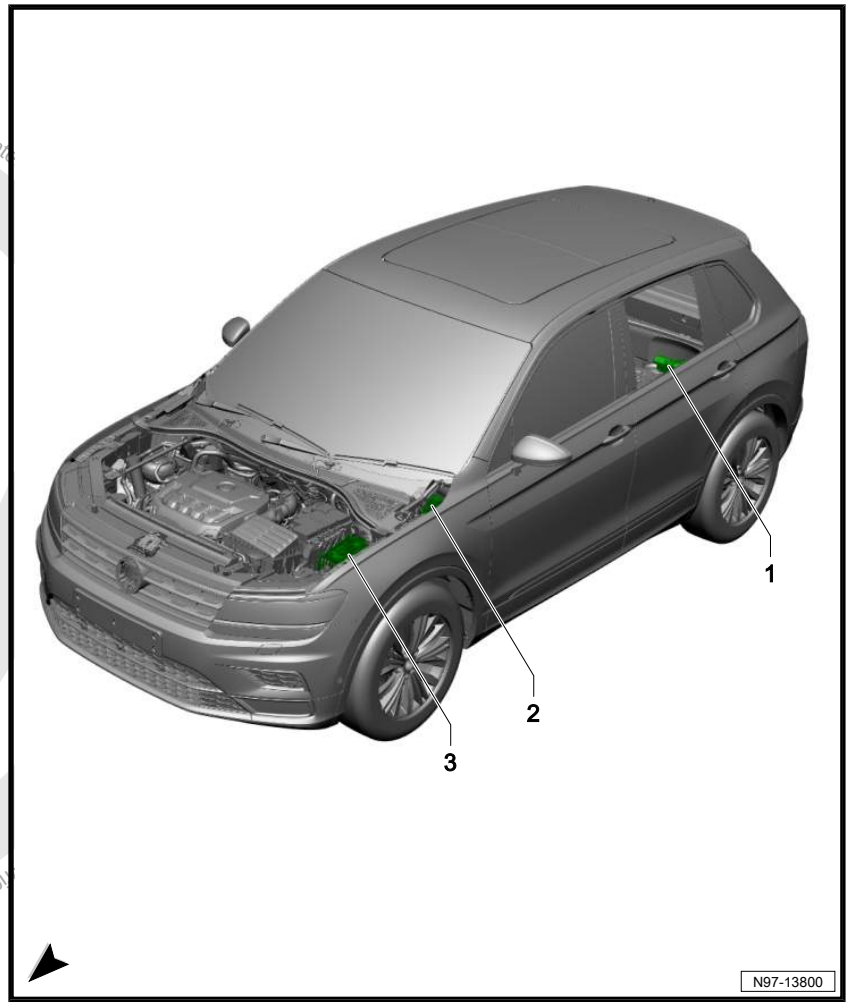
- ❑ Fitting location of single fuses
- ❑ Fitting location, left-hand drive models
  ⇒ “1.6.1 Fitting location of single fuses, left-hand drive models”, page 19
- ❑ Fitting location, right-hand drive models
  ⇒ “1.6.2 Fitting location of single fuses, right-hand drive models”, page 21

3 - Fuse holder A -SA-

- ❑ Fitting location ⇒ page 30
- ❑ Fuse assignment, from January 2016, only models with battery in engine compartment
  ⇒ page 32
- ❑ Fuse assignment, from August 2016, only models with battery in luggage compartment
  ⇒ page 33

Fuse holder B -SB-

- ❑ Fitting location ⇒ page 23
- ❑ Fuse assignment, from January 2016 ⇒ page 23
- ❑ Fuse assignment, from May 2016 ⇒ page 26

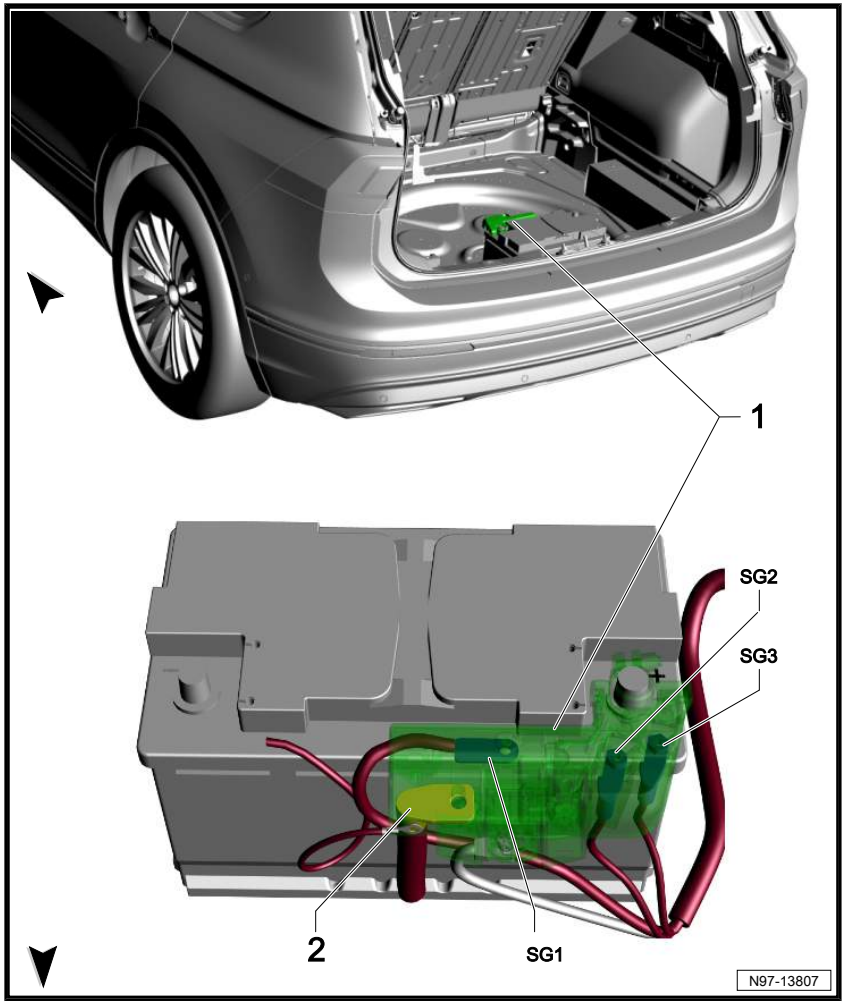


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1.2 Fitting location of fuse holder G -SG-

1 - Fuse holder G -SG-

2 - (508) Threaded connection (30), on E-box



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1.3 Fuse assignment on fuse holder G -SG-

1.3.1 Fuse assignment on fuse holder G -SG- , from January 2016, only models with battery in luggage compartment

Slot	Current flow diagram designation	Nominal value	Function/components	Terminal
SG1	Fuse 1 on fuse holder G -SG1-	80A	Supply for the fuses: Fuse 2 on fuse holder C -SC2- Fuse 4 on fuse holder C -SC4- - Fuse 14 on fuse holder C -SC14- Fuse 22 on fuse holder C -SC22- Fuse 31 on fuse holder C -SC31- Fuse 38 on fuse holder C -SC38- Fuse 39 on fuse holder C -SC39- Fuse 41 on fuse holder C -SC41- Fuse 42 on fuse holder C -SC42- Fuse 46 on fuse holder C -SC46- Fuse 51 on fuse holder C -SC51- Fuse 53 on fuse holder C -SC53- Terminal 15 voltage supply relay -J329-	30
SG2	Fuse 2 on fuse holder G -SG2-	125 A	Supply for the fuses: Fuse 1 on fuse holder C -SC1- Fuse 2 on fuse holder C -SC2- Fuse 15 on fuse holder C -SC15- - fuse 21 on fuse holder C -SC21- Fuse 23 on fuse holder C -SC23- - Fuse 28 on fuse holder C -SC28- Fuse 30 on fuse holder C -SC30- Fuse 43 on fuse holder C -SC43- - Fuse 45 on fuse holder C -SC45- Fuse 50 on fuse holder C -SC50- Fuse 52 on fuse holder C -SC52-	30
SG3	Fuse 3 on fuse holder G -SG3-	125 A	Fuse 5 on fuse holder A -SA5- Fuse 33 on fuse holder B -SB33- Main relay -J271- Terminal 30 voltage supply relay -J317-	30

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1.4 Fitting location of fuse holder C -SC-

1.4.1 Fitting location, fuse holder C -SC- , left-hand drive

1 - Fuse holder C -SC-

Fuse colours for J-Case fuse:

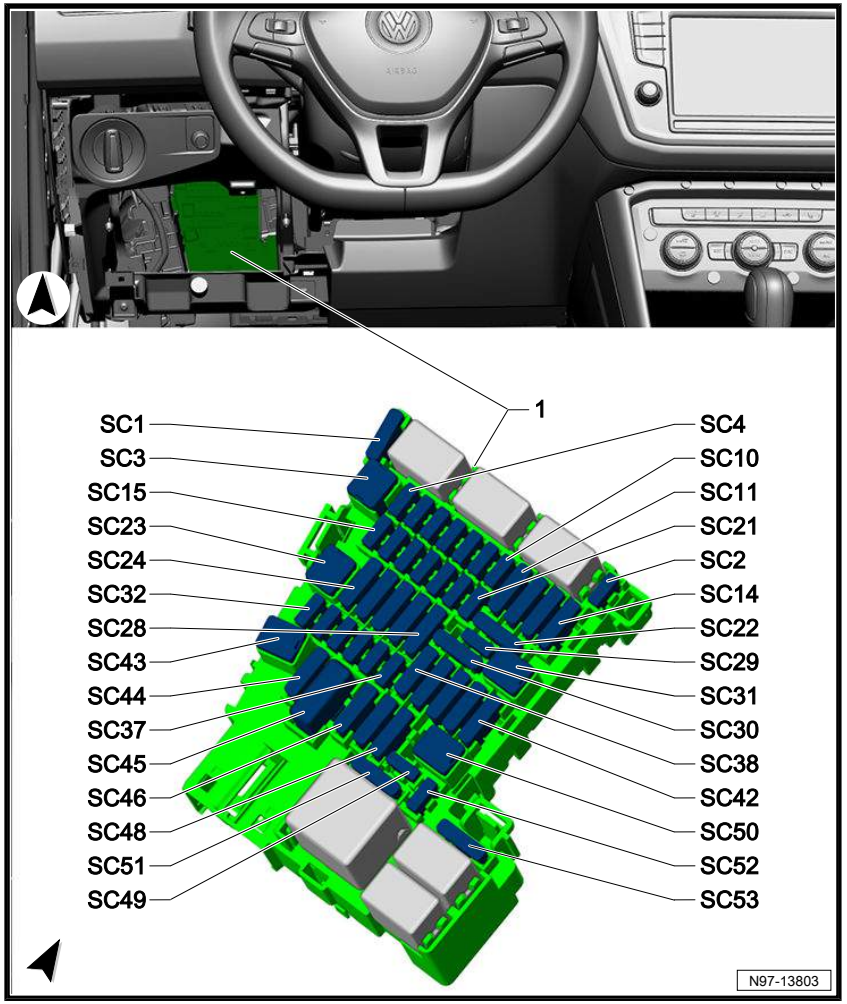
- 50 A - red
- 40 A - green
- 30 A - pink

Fuse colours for ATO flat fuse:

- 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
- 1 A - black

Fuse colours, for mini fuses:

- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light brown
- 1 A - black



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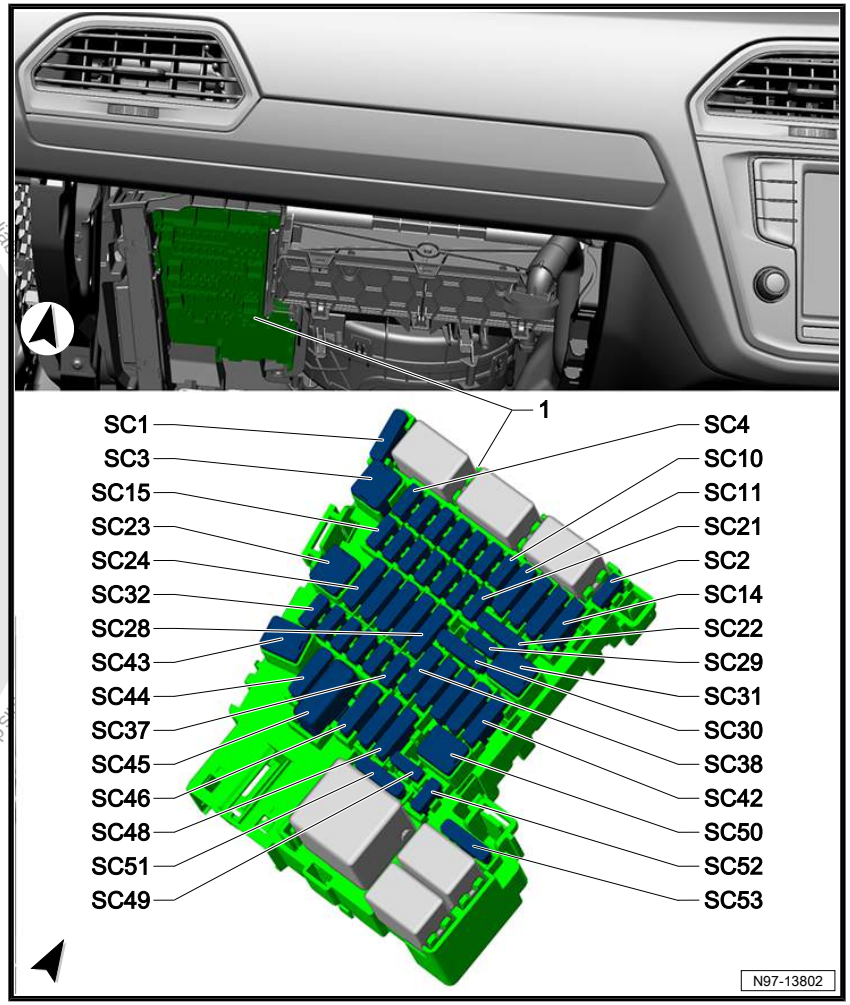
1.4.2 Fitting location, fuse holder C -SC- , right-hand drive

1 - Fuse holder C -SC-

Fuse colours for J-Case fuse:
- 50 A - red
- 40 A - green
- 30 A - pink

Fuse colours for ATO flat fuse:
- 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
- 1 A - black

Fuse colours, for mini fuses:
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light brown
- 1 A - black



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1.5 Fuse assignment, fuse holder C -SC-

1.5.1 Fuse assignment of fuse holder C -SC- , from January 2016

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC1	Fuse 1 on fuse holder C -SC1-	30 A	Control unit for reducing agent heater -J891-	30
SC2	Fuse 2 on fuse holder C -SC2-	10 A	Steering column electronics control unit -J527- 6)	30
SC3	not assigned	-		-
SC4	not assigned	-		-
SC5	Fuse 5 on fuse holder C -SC5-	5 A	Data bus diagnostic interface -J533-	30
SC6	Fuse 6 on fuse holder C -SC6-	5 A	Selector lever -E313-	30
SC7	Fuse 7 on fuse holder C -SC7-	10 A	Heater and air conditioning controls -EX21- Heater control unit -J65- Climatronic control unit -J255- Air conditioning system control unit -J301- Operating and display unit for rear air conditioning system -E265- Remote control receiver for auxiliary coolant heater -R149- Heated rear window relay -J9- Tyre Pressure Monitoring System control unit -J502-	30
SC8	Fuse 8 on fuse holder C -SC8-	10 A	Rotary light switch -EX1- Electromechanical parking brake button -E538- Rain and light sensor -G397- Diagnostic connection -U31- . Operating unit for driving mode selection -E881- Anti-theft alarm sensor -G578-	30
SC9	Fuse 9 on fuse holder C -SC9-	5 A	Steering column electronics control unit -J527-	30
SC10	Fuse 10 on fuse holder C -SC10-	7.5 A	Display unit for front information display and operating unit control unit -J685- Control unit for heads-up display -J898-	30
SC11	Fuse 11 on fuse holder C -SC11-	25 A	Control unit for front left belt tensioner -J854-	30
SC12	Fuse 12 on fuse holder C -SC12-	20 A	Control unit 1 for information electronics -J794- Control unit for navigation system -J856- 10)	30
SC13	Fuse 13 on fuse holder C -SC13-	15 A	Electronically controlled damping control unit -J250-	30

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC14	Fuse 14 on fuse holder C -SC14-	30 A	Fresh air blower control unit -J126-	30
SC15	Fuse 15 on fuse holder C -SC15-	10 A	Control unit for electronic steering column lock -J764-	30
SC16	Fuse 16 on fuse holder C -SC16-	7.5 A	TV tuner -RX6- Control unit 1 for information electronics -J794- Transmission and reception stabilisation control unit -R308- Storage compartment with interface for mobile telephone -R265- Chip card reader -D8- USB hub -R293-	30
SC17	Fuse 17 on fuse holder C -SC17-	5 A	Dash panel insert -KX2- Control unit in dash panel insert -J285- Emergency call module control unit and communication unit -J949-	30
SC18	Fuse 18 on fuse holder C -SC18-	7.5 A	Control unit for overhead view camera -J928-	30
SC19	Fuse 19 on fuse holder C -SC19-	7.5 A	Interface for entry and start system -J965-	30
SC20	Fuse 20 on fuse holder C -SC20-	7.5 A	Relay for reducing agent metering system -J963- Delivery unit for reducing agent metering system -GX19-	30
SC21	Fuse 21 on fuse holder C -SC21-	15 A	All-wheel drive control unit -J492-	30
SC22	Fuse 22 on fuse holder C -SC22-	15 A	Trailer detector control unit -J345-	30
SC23	Fuse 23 on fuse holder C -SC23-	40 A	Onboard supply control unit -J519-	30
SC24	Fuse 24 on fuse holder C -SC24-	30 A	Sliding sunroof adjustment control unit -J245- Light 1 for roof contour lighting -L235- Light 2 for roof contour lighting -L236- Sunroof roller blind control unit -J394-	30
SC25	Fuse 25 on fuse holder C -SC25-	30 A	Driver door control unit -J386- 1) Rear left window regulator motor -V26- 1) Rear left door control unit -J388- 1) Front passenger door control unit -J387- 2) Rear right door control unit -J389- 2) Rear right window regulator motor -V27- 2)	30 30
SC26	Fuse 26 on fuse holder C -SC26-	30 A	Onboard supply control unit -J519-	30
SC27	Fuse 27 on fuse holder C -SC27-	30 A	Digital sound package control unit -J525-	-
SC28	Fuse 28 on fuse holder C -SC28-	25 A	Trailer detector control unit -J345-	30
SC29	not assigned	-		-

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC30	not assigned	-		-
SC31	Fuse 31 on fuse holder C -SC31-	40 A	Onboard supply control unit -J519-	30
SC32	Fuse 32 on fuse holder C -SC32-	10 A	Front camera for driver assist systems -R242- Adaptive cruise control unit -J428- Parking aid control unit -J446- 7) Lane change assist control unit -J769- Lane change assist control unit 2 -J770- Park assist steering control unit -J791- 7)	15
SC33	Fuse 33 on fuse holder C -SC33-	5 A	Airbag control unit -J234- Front passenger side airbag deactivated warning lamp -K145-	15
SC34	Fuse 34 on fuse holder C -SC34-	7.5 A	Rotary light switch -EX1- Interior mirror -EX5- Relay for power sockets -J807- Reversing light switch -F4- Pressure sender for refrigerant circuit -G805- Air quality sensor -G238- Electromechanical parking brake button -E538- Button for TCS and electronic stabilisation program -E256-	15
SC35	Fuse 35 on fuse holder C -SC35-	10 A	Diagnostic connection -U31- Headlight range control regulator -E102- Headlight range control and instrument illumination regulator -EX14- Control unit for cornering light and headlight range control -J745- 11) Left headlight range control motor -V48- Right headlight range control motor -V49- Front left headlight -MX1- Front right headlight -MX2-	15
SC36	Fuse 36 on fuse holder C -SC36-	10 A 5 A 9)	Front right headlight -MX2-	15
SC37	Fuse 37 on fuse holder C -SC37-	10 A 5 A 9)	Front left headlight -MX1-	15
SC38	Fuse 38 on fuse holder C -SC38-	25 A	Trailer detector control unit -J345-	30
SC39	Fuse 39 on fuse holder C -SC39-	30 A	Front passenger door control unit -J387- 1) Rear right door control unit -J389- 1)	30

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
			Rear right window regulator motor -V27- 1) Driver door control unit -J386- 2) Rear left door control unit -J388- 2) Rear left window regulator motor -V26- 2)	
SC40 4), 5)	Fuse 40 on fuse holder C -SC40-	20 A	12 V socket -U5- 12 V socket 2 -U18- 12 V socket 3 -U19-	15 4) / 30 5)
SC41	Fuse 41 on fuse holder C -SC41-	25 A	Control unit for front right belt tensioner -J855- Control unit for front left belt tensioner -J854-	30
SC42	Fuse 42 on fuse holder C -SC42-	40 A	Onboard supply control unit -J519-	30
SC43	Fuse 43 on fuse holder C -SC43-	30 A	Onboard supply control unit -J519-	30
SC44	Fuse 44 on fuse holder C -SC44-	15 A	Trailer detector control unit -J345-	30
SC45	Fuse 45 on fuse holder C -SC45-	15 A 12)	Driver seat adjustment control unit -J810-	30
SC46	Fuse 46 on fuse holder C -SC46-	30 A	DC/AC converter with socket, 12 V - 230 V -U13-	30
SC47	Fuse 47 on fuse holder C -SC47-	15 A	Rear window wiper motor -V12-	15
SC48	not assigned	-		-
SC49	Fuse 49 on fuse holder C -SC49-	5 A	Clutch position sender -G476- Starter relay 1 -J906- Starter relay 2 -J907-	15
SC50	Fuse 50 on fuse holder C -SC50-	40 A	Rear lid control unit -J605-	30
SC51	Fuse 51 on fuse holder C -SC51-	25 A	Operating and display unit for rear air conditioning system -E265-	30
SC52	not assigned	-		-
SC53	Fuse 53 on fuse holder C -SC53-	30 A	Heated rear window relay -J9-	15

1) Only left-hand drive models

2) Only right-hand drive models

3) Smokers version

4) Factory fitted with power supply from terminal 15

5) Power supply via terminal 30 possible

6) Only models with steering wheel heating

7) According to equipment

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8) Only models with blind spot monitor

9) Only models with LED headlights

10) Only models with equipment for Korea

11) Only models with static cornering light

12) Thermal fuse

Note

The fuse SC40 is supplied via terminal 15 from the factory and can be supplied via terminal 30 by reconnecting. If a consumer is connected to the electric socket or to the cigarette lighter, ensure that the consumer is disconnected from the voltage supply when the engine is switched off to prevent the drive battery being discharged.

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1.5.2 Fuse assignment of fuse holder C -SC- , from May 2016

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC1	Fuse 1 on fuse holder C -SC1-	30 A	Control unit for reducing agent heater -J891-	30
SC2	Fuse 2 on fuse holder C -SC2-	10 A	Steering column electronics control unit -J527- 6)	30
SC3	not assigned	-		-
SC4	not assigned	-		-
SC5	Fuse 5 on fuse holder C -SC5-	5 A	Data bus diagnostic interface -J533-	30
SC6	Fuse 6 on fuse holder C -SC6-	5 A	Selector lever -E313-	30
SC7	Fuse 7 on fuse holder C -SC7-	10 A	Heater and air conditioning controls -EX21- Heater control unit -J65- Climatronic control unit -J255- Air conditioning system control unit -J301- Operating and display unit for rear air conditioning system -E265- Remote control receiver for auxiliary coolant heater -R149- Heated rear window relay -J9- Tyre Pressure Monitoring System control unit -J502-	30
SC8	Fuse 8 on fuse holder C -SC8-	10 A	Rotary light switch -EX1- Electromechanical parking brake button -E538-	30

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
			Rain and light sensor -G397- Diagnostic connection -U31- . Operating unit for driving mode selection -E881- Anti-theft alarm sensor -G578- Light 1 for roof contour lighting -L235- Light 2 for roof contour lighting -L236-	
SC9	Fuse 9 on fuse holder C -SC9-	5 A	Steering column electronics control unit -J527-	30
SC10	Fuse 10 on fuse holder C -SC10-	7.5 A	Display unit for front information display and operating unit control unit -J685- Control unit for heads-up display -J898-	30
SC11	Fuse 11 on fuse holder C -SC11-	25 A	Control unit for front left belt tensioner -J854-	30
SC12	Fuse 12 on fuse holder C -SC12-	20 A	Control unit 1 for information electronics -J794- Control unit for navigation system -J856- 10)	30
SC13	Fuse 13 on fuse holder C -SC13-	15 A	Electronically controlled damping control unit -J250-	30
SC14	Fuse 14 on fuse holder C -SC14-	30 A	Fresh air blower control unit -J126-	30
SC15	Fuse 15 on fuse holder C -SC15-	10 A	Control unit for electronic steering column lock -J764-	30
SC16	Fuse 16 on fuse holder C -SC16-	7.5 A	TV tuner -RX6- Control unit 1 for information electronics -J794- Transmission and reception stabilisation control unit -R308- Storage compartment with interface for mobile telephone -R265- Chip card reader -D8- USB hub -R293-	30
SC17	Fuse 17 on fuse holder C -SC17-	5 A	Dash panel insert -KX2- Control unit in dash panel insert -J285- Emergency call module control unit and communication unit -J949-	30
SC18	Fuse 18 on fuse holder C -SC18-	7.5 A	Control unit for overhead view camera -J928-	30
SC19	Fuse 19 on fuse holder C -SC19-	7.5 A	Interface for entry and start system -J965-	30
SC20	Fuse 20 on fuse holder C -SC20-	7.5 A	Relay for reducing agent metering system -J963- Delivery unit for reducing agent metering system -GX19-	30
SC21	Fuse 21 on fuse holder C -SC21-	15 A	All-wheel drive control unit -J492-	30
SC22	Fuse 22 on fuse holder C -SC22-	15 A	Trailer detector control unit -J345-	30
SC23	Fuse 23 on fuse holder C -SC23-	40 A	Onboard supply control unit -J519-	30
SC24	Fuse 24 on fuse holder C -SC24-	30 A	Sliding sunroof adjustment control unit -J245-	30

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
			Sunroof roller blind control unit -J394-	
SC25	Fuse 25 on fuse holder C -SC25-	30 A	Driver door control unit -J386- 1) Rear left window regulator motor -V26- 1) Rear left door control unit -J388- 1) Front passenger door control unit -J387- 2) Rear right door control unit -J389- 2) Rear right window regulator motor -V27- 2)	30 30
SC26	Fuse 26 on fuse holder C -SC26-	30 A	Onboard supply control unit -J519-	30
SC27	Fuse 27 on fuse holder C -SC27-	30 A	Digital sound package control unit -J525-	-
SC28	Fuse 28 on fuse holder C -SC28-	25 A	Trailer detector control unit -J345-	30
SC29	not assigned	-		-
SC30	not assigned	-		-
SC31	Fuse 31 on fuse holder C -SC31-	40 A	Onboard supply control unit -J519-	30
SC32	Fuse 32 on fuse holder C -SC32-	10 A	Front camera for driver assist systems -R242- Adaptive cruise control unit -J428- Parking aid control unit -J446- 7) Lane change assist control unit -J769- Lane change assist control unit 2 -J770- Park assist steering control unit -J791- 7)	15
SC33	Fuse 33 on fuse holder C -SC33-	5 A	Airbag control unit -J234- Front passenger side airbag deactivated warning lamp -K145-	15
SC34	Fuse 34 on fuse holder C -SC34-	7.5 A	Rotary light switch -EX1- Interior mirror -EX5- Relay for power sockets -J807- Reversing light switch -F4- Pressure sender for refrigerant circuit -G805- Air quality sensor -G238- Electromechanical parking brake button -E538- Button for TCS and electronic stabilisation program -E256-	15
SC35	Fuse 35 on fuse holder C -SC35-	10 A	Diagnostic connection -U31- Headlight range control regulator -E102- Headlight range control and instrument illumination regulator -EX14-	15

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
			Control unit for cornering light and headlight range control -J745- [11] Left headlight range control motor -V48- Right headlight range control motor -V49- Front left headlight -MX1- Front right headlight -MX2-	
SC36	Fuse 36 on fuse holder C -SC36-	10 A 5 A[9]	Front right headlight -MX2-	15
SC37	Fuse 37 on fuse holder C -SC37-	10 A 5 A[9]	Front left headlight -MX1-	15
SC38	Fuse 38 on fuse holder C -SC38-	25 A	Trailer detector control unit -J345-	30
SC39	Fuse 39 on fuse holder C -SC39-	30 A	Front passenger door control unit -J387- [1] Rear right door control unit -J389- [1] Rear right window regulator motor -V27- [1] Driver door control unit -J386- [2] Rear left door control unit -J388- [2] Rear left window regulator motor -V26- [2]	30
SC40 [4], [5]	Fuse 40 on fuse holder C -SC40-	20 A	12 V socket -U5- 12 V socket 2 -U18- 12 V socket 3 -U19-	15[4] / 30[5]
SC41	Fuse 41 on fuse holder C -SC41-	25 A	Control unit for front right belt tensioner -J855- Control unit for front left belt tensioner -J854-	30
SC42	Fuse 42 on fuse holder C -SC42-	40 A	Onboard supply control unit -J519-	30
SC43	Fuse 43 on fuse holder C -SC43-	30 A	Onboard supply control unit -J519-	30
SC44	Fuse 44 on fuse holder C -SC44-	15 A	Trailer detector control unit -J345-	30
SC45	Fuse 45 on fuse holder C -SC45-	15 A[12]	Driver seat adjustment control unit -J810-	30
SC46	Fuse 46 on fuse holder C -SC46-	30 A	DC/AC converter with socket, 12 V - 230 V -U13-	30
SC47	Fuse 47 on fuse holder C -SC47-	15 A	Rear window wiper motor -V12-	15
SC48	not assigned			-
SC49	Fuse 49 on fuse holder C -SC49-	5 A	Clutch position sender -G476- Starter relay 1 -J906- Starter relay 2 -J907-	15
SC50	Fuse 50 on fuse holder C -SC50-	40 A	Rear lid control unit -J605-	30

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC51	Fuse 51 on fuse holder C -SC51-	25 A	Operating and display unit for rear air conditioning system -E265-	30
SC52	not assigned	-		-
SC53	Fuse 53 on fuse holder C -SC53-	30 A	Heated rear window relay -J9-	15

1) Only left-hand drive models

2) Only right-hand drive models

3) Smokers version

4) Factory fitted with power supply from terminal 15

5) Power supply via terminal 30 possible

6) Only models with steering wheel heating

7) According to equipment

8) Only models with blind spot monitor

9) Only models with LED headlights

10) Only models with equipment for Korea

11) Only models with static cornering light

12) Thermal fuse

Note

The fuse SC40 is supplied via terminal 15 from the factory and can be supplied via terminal 30 by reconnecting. If a consumer is connected to the electric socket or to the cigarette lighter, ensure that the consumer is disconnected from the voltage supply when the engine is switched off to prevent the drive battery being discharged.

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1.5.3 Fuse assignment of fuse holder C -SC- , from November 2016

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC1	Fuse 1 on fuse holder C -SC1-	30 A	Control unit for reducing agent heater -J891-	30
SC2	Fuse 2 on fuse holder C -SC2-	10 A	Steering column electronics control unit -J527- 6)	30

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC3	not assigned	-		-
SC4	not assigned	-		-
SC5	Fuse 5 on fuse holder C -SC5-	5 A	Data bus diagnostic interface -J533-	30
SC6	Fuse 6 on fuse holder C -SC6-	5 A	Selector lever -E313-	30
SC7	Fuse 7 on fuse holder C -SC7-	10 A	Heater and air conditioning controls -EX21- Heater control unit -J65- Climatronic control unit -J255- Air conditioning system control unit -J301- Operating and display unit for rear air conditioning system -E265- Remote control receiver for auxiliary coolant heater -R149- Heated rear window relay -J9- Tyre Pressure Monitoring System control unit -J502- Control unit for cornering light and headlight range control -J745- 11)	30
SC8	Fuse 8 on fuse holder C -SC8-	10 A	Rotary light switch -EX1- Electromechanical parking brake button -E538- Rain and light sensor -G397- Diagnostic connection -U31- . Operating unit for driving mode selection -E881- Anti-theft alarm sensor -G578- Light 1 for roof contour lighting -L235- Control unit for cornering light and headlight range control -J745- Light 2 for roof contour lighting -L236-	30
SC9	Fuse 9 on fuse holder C -SC9-	5 A	Steering column electronics control unit -J527-	30
SC10	Fuse 10 on fuse holder C -SC10-	7.5 A	Display unit for front information display and operating unit control unit -J685- Control unit for heads-up display -J898-	30
SC11	Fuse 11 on fuse holder C -SC11-	25 A	Control unit for front left belt tensioner -J854-	30
SC12	Fuse 12 on fuse holder C -SC12-	20 A	Control unit 1 for information electronics -J794- Control unit for navigation system -J856- 10)	30
SC13	Fuse 13 on fuse holder C -SC13-	15 A	Electronically controlled damping control unit -J250-	30
SC14	Fuse 14 on fuse holder C -SC14-	30 A	Fresh air blower control unit -J126-	30
SC15	Fuse 15 on fuse holder C -SC15-	10 A	Control unit for electronic steering column lock -J764-	30
SC16	Fuse 16 on fuse holder C -SC16-	7.5 A	TV tuner -RX6-	30

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
			Control unit 1 for information electronics -J794- Transmission and reception stabilisation control unit -R308- Storage compartment with interface for mobile telephone -R265- Chip card reader -D8- USB hub -R293-	
SC17	Fuse 17 on fuse holder C -SC17-	5 A	Dash panel insert -KX2- Control unit in dash panel insert -J285- Emergency call module control unit and communication unit -J949-	30
SC18	Fuse 18 on fuse holder C -SC18-	7.5 A	Control unit for overhead view camera -J928-	30
SC19	Fuse 19 on fuse holder C -SC19-	7.5 A	Interface for entry and start system -J965-	30
SC20	Fuse 20 on fuse holder C -SC20-	7.5 A	Relay for reducing agent metering system -J963- Delivery unit for reducing agent metering system -GX19-	30
SC21	Fuse 21 on fuse holder C -SC21-	15 A	All-wheel drive control unit -J492-	30
SC22	Fuse 22 on fuse holder C -SC22-	15 A	Trailer detector control unit -J345-	30
SC23	Fuse 23 on fuse holder C -SC23-	40 A	Onboard supply control unit -J519-	30
SC24	Fuse 24 on fuse holder C -SC24-	30 A	Sliding sunroof adjustment control unit -J245- Sunroof roller blind control unit -J394-	30
SC25	Fuse 25 on fuse holder C -SC25-	30 A	Driver door control unit -J386- 1) Rear left window regulator motor -V26- 1) Rear left door control unit -J388- 1) Front passenger door control unit -J387- 2) Rear right door control unit -J389- 2) Rear right window regulator motor -V27- 2)	30 30
SC26	Fuse 26 on fuse holder C -SC26-	30 A	Onboard supply control unit -J519-	30
SC27	Fuse 27 on fuse holder C -SC27-	30 A	Digital sound package control unit -J525-	-
SC28	Fuse 28 on fuse holder C -SC28-	25 A	Trailer detector control unit -J345-	30
SC29	not assigned	-		-
SC30	not assigned	-		-
SC31	Fuse 31 on fuse holder C -SC31-	40 A	Onboard supply control unit -J519-	30
SC32	Fuse 32 on fuse holder C -SC32-	10 A	Front camera for driver assist systems -R242- Adaptive cruise control unit -J428- Parking aid control unit -J446- 7)	15

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC33	Fuse 33 on fuse holder C -SC33-	5 A	Lane change assist control unit -J769- Lane change assist control unit 2 -J770- Park assist steering control unit -J791- 7) Airbag control unit -J234- Front passenger side airbag deactivated warning lamp -K145-	15
SC34	Fuse 34 on fuse holder C -SC34-	7.5 A	Rotary light switch -EX1- Interior mirror -EX5- Relay for power sockets -J807- Reversing light switch -F4- Pressure sender for refrigerant circuit -G805- Air quality sensor -G238- Electromechanical parking brake button -E538- Button for TCS and electronic stabilisation program -E256-	15
SC35	Fuse 35 on fuse holder C -SC35-	10 A	Diagnostic connection -U31- Headlight range control regulator -E102- Headlight range control and instrument illumination regulator -EX14- Left headlight range control motor -V48- Right headlight range control motor -V49- Front left headlight -MX1- Front right headlight -MX2-	15
SC36	Fuse 36 on fuse holder C -SC36-	10 A 5 A 9)	Front right headlight -MX2-	15
SC37	Fuse 37 on fuse holder C -SC37-	10 A 5 A 9)	Front left headlight -MX1-	15
SC38	Fuse 38 on fuse holder C -SC38-	25 A	Trailer detector control unit -J345-	30
SC39	Fuse 39 on fuse holder C -SC39-	30 A	Front passenger door control unit -J387- 1) Rear right door control unit -J389- 1) Rear right window regulator motor -V27- 1) Driver door control unit -J386- 2) Rear left door control unit -J388- 2) Rear left window regulator motor -V26- 2)	30
SC40 4), 5)	Fuse 40 on fuse holder C -SC40-	20 A	12 V socket -U5- 12 V socket 2 -U18-	15 4) / 30 5)

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
			12 V socket 3 -U19-	
SC41	Fuse 41 on fuse holder C -SC41-	25 A	Control unit for front right belt tensioner -J855- Control unit for front left belt tensioner -J854-	30
SC42	Fuse 42 on fuse holder C -SC42-	40 A	Onboard supply control unit -J519-	30
SC43	Fuse 43 on fuse holder C -SC43-	30 A	Onboard supply control unit -J519-	30
SC44	Fuse 44 on fuse holder C -SC44-	15 A	Trailer detector control unit -J345-	30
SC45	Fuse 45 on fuse holder C -SC45-	15 A[12)]	Driver seat adjustment control unit -J810-	30
SC46	Fuse 46 on fuse holder C -SC46-	30 A	DC/AC converter with socket, 12 V - 230 V -U13-	30
SC47	Fuse 47 on fuse holder C -SC47-	15 A	Rear window wiper motor -V12-	15
SC48	not assigned	-		-
SC49	Fuse 49 on fuse holder C -SC49-	5 A	Clutch position sender -G476- Starter relay 1 -J906- Starter relay 2 -J907-	15
SC50	Fuse 50 on fuse holder C -SC50-	40 A	Rear lid control unit -J605-	30
SC51	Fuse 51 on fuse holder C -SC51-	25 A	Operating and display unit for rear air conditioning system -E265-	30
SC52	not assigned	-		-
SC53	Fuse 53 on fuse holder C -SC53-	30 A	Heated rear window relay -J9-	15

1) Only left-hand drive models

2) Only right-hand drive models

3) Smokers version

4) Factory fitted with power supply from terminal 15

5) Power supply via terminal 30 possible

6) Only models with steering wheel heating

7) According to equipment

8) Only models with blind spot monitor

9) Only models with LED headlights

10) Only models with equipment for Korea

11) Only models with static cornering light

12) Thermal fuse

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Note

The fuse SC40 is supplied via terminal 15 from the factory and can be supplied via terminal 30 by reconnecting. If a consumer is connected to the electric socket or to the cigarette lighter, ensure that the consumer is disconnected from the voltage supply when the engine is switched off to prevent the drive battery being discharged.

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1.6 Fitting location of single fuses

1.6.1 Fitting location of single fuses, left-hand drive models

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1 - Holder

A - Front passenger seat adjustment thermal fuse 1 -S46- , thermal fuse 15A

- ❑ Fitting location for models with right-hand drive ⇒ item 1 (page 21)

B - Not assigned

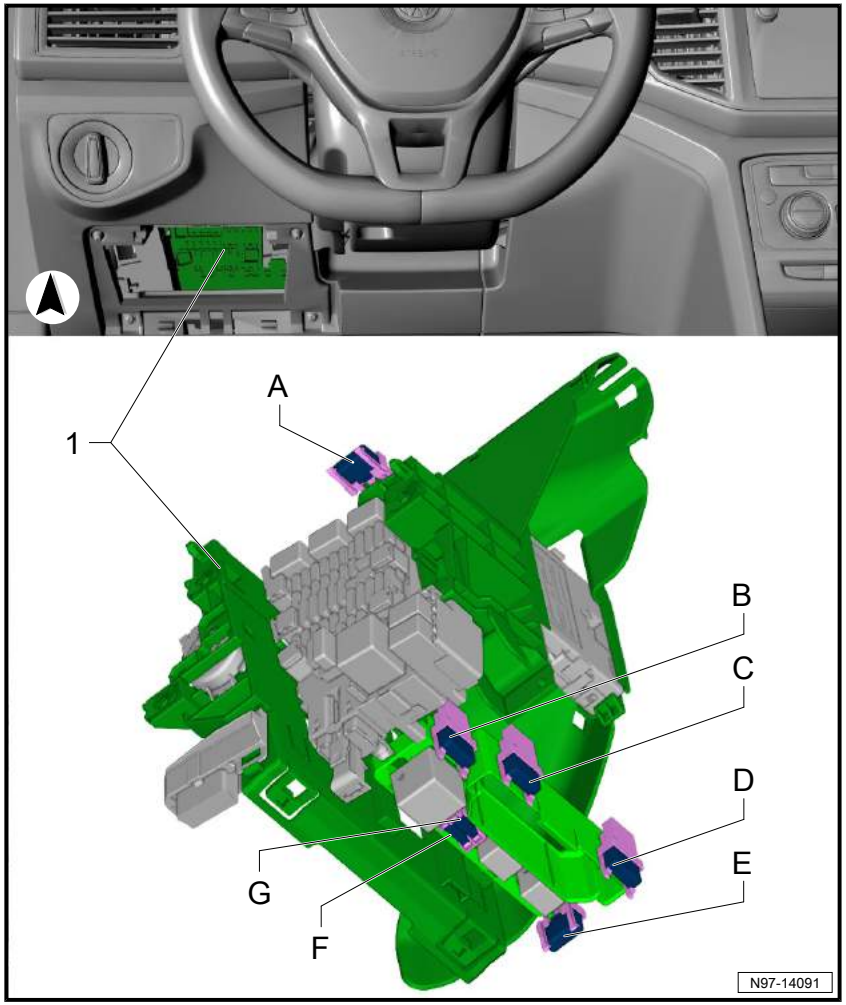
C - USB charging socket fuse -S356- , fuse rating 7.5 A

D - Not assigned

E - Not assigned

F - Not assigned

G - Not assigned

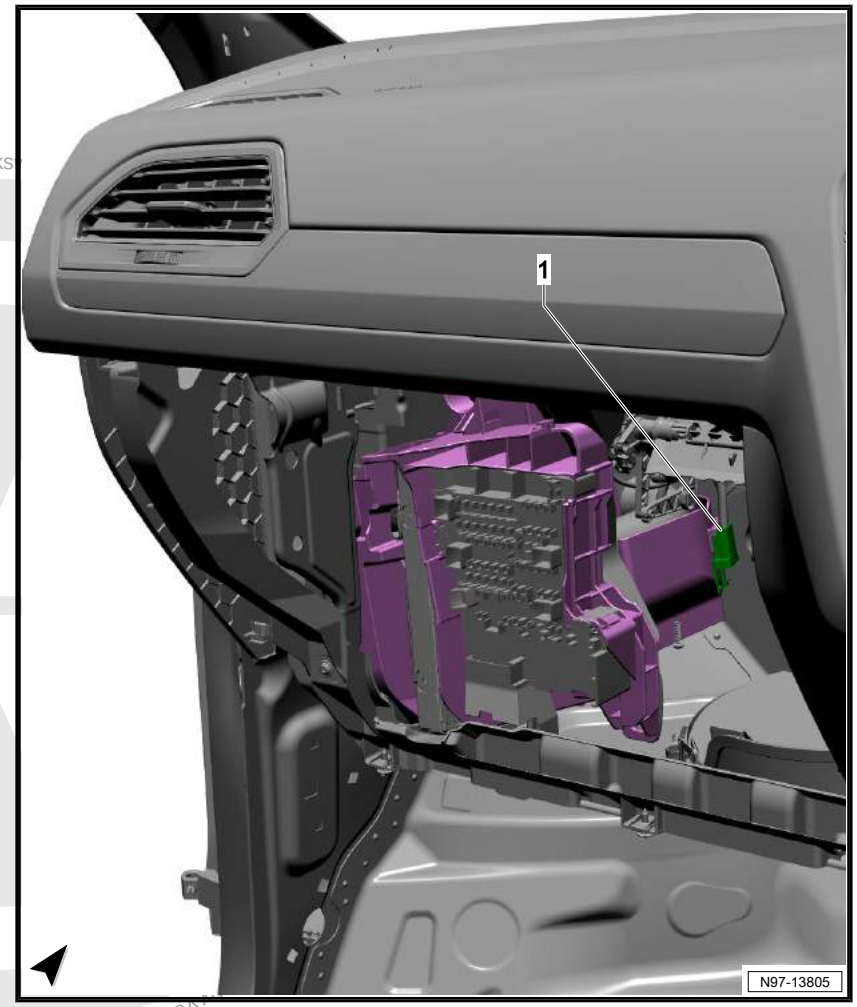


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1.6.2 Fitting location of single fuses, right-hand drive models

1 - Front passenger seat adjustment thermal fuse 1 -S46- , thermal fuse 15 A



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1.7 Fitting location of fuse holder B -SB-

Note

The fitting locations are identical on LHD and RHD models.

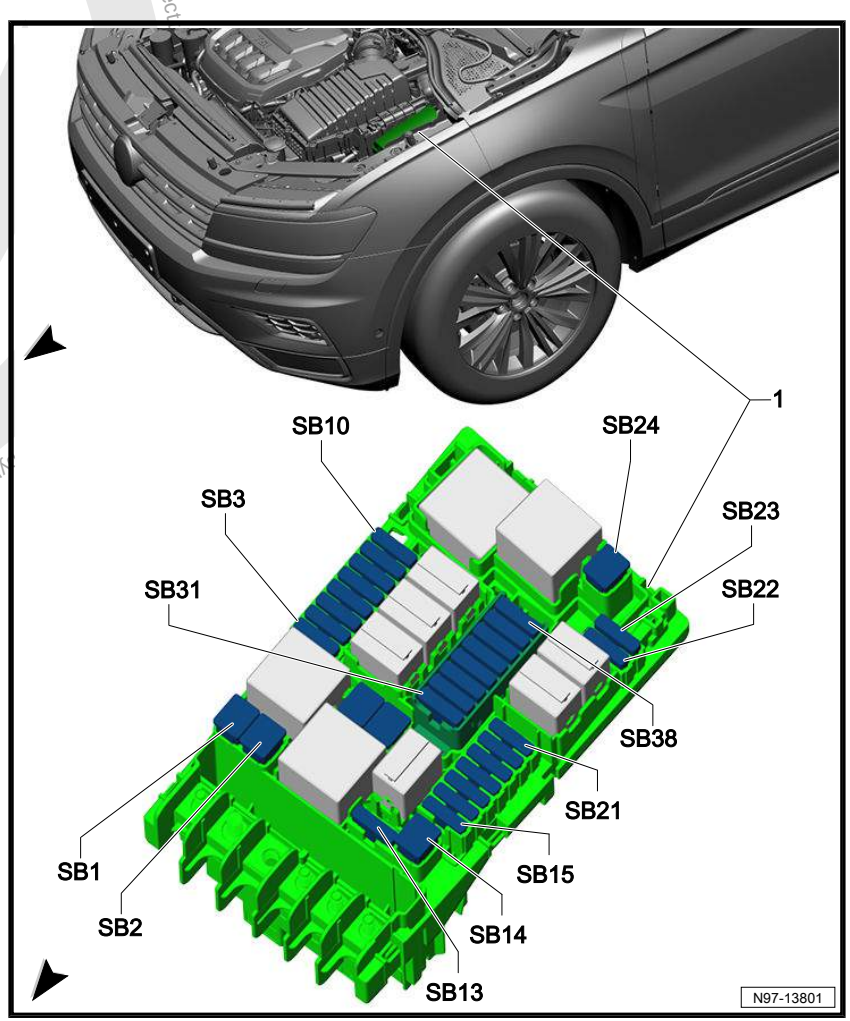
1 - Fuse holder B -SB-

Fuse colours for J-Case fuse:

- 50 A - red
- 40 A - green
- 30 A - pink

Fuse colours for ATO flat fuse:

- 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
- 1 A - black



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1.8 Fuse assignment on fuse holder B -SB-

1.8.1 Fuse assignment of fuse holder B -SB- , from January 2016

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB1	Fuse 1 on fuse holder B -SB1-	40 A	ABS control unit -J104-	30
SB2	Fuse 2 on fuse holder B -SB2-	40 A	ABS control unit -J104-	30
SB3	Fuse 3 on fuse holder B -SB3-	15 A 1) 30 A 2)	Engine control unit -J623-	87
SB4	Fuse 4 on fuse holder B -SB4-	5 A 2) 10 A 1)	Oil level and oil temperature sender -G266- Radiator fan control unit -J293- Relay for reducing agent metering system -J963- 2) Activated charcoal filter solenoid valve 1 -N80- 1) Piston cooling jet control valve -N522- 6) Turbocharger air recirculation valve -N249- 6) Intake manifold flap valve -N316- 6) Camshaft control valve 1 -N205- 1) Exhaust camshaft control valve 1 -N318- 1) Valve for oil pressure control -N428- 1) Coolant valve for cylinder head -N489- 1) High heat output relay -J360- 2) Exhaust gas recirculation cooler changeover valve -N345- 2) Low heat output relay -J359- 2) Charge pressure control solenoid valve -N75- 2)	87
SB5	Fuse 5 on fuse holder B -SB5-	10 A	Fuel pressure regulating valve -N276- 2) Fuel metering valve -N290- 2) Engine component current supply relay -J757- Secondary air system -GX24- 6) Exhaust cam actuator A for cylinder 1 -N580- 6) Exhaust cam actuator B for cylinder 1 -N581- 6) Exhaust cam actuator A for cylinder 2 -N588- 6)	87

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
			Exhaust cam actuator B for cylinder 2 -N589- 6) Exhaust cam actuator A for cylinder 3 -N596- 6) Exhaust cam actuator B for cylinder 3 -N597- 6) Exhaust cam actuator A for cylinder 4 -N604- 6) Exhaust cam actuator B for cylinder 4 -N605- 6) Camshaft control valve 1 -N205- 2)	
SB6	Fuse 6 on fuse holder B -SB6-	5 A	Brake light switch -F-	87
SB7	Fuse 7 on fuse holder B -SB7-	7.5 A 6) 10 A 2) 15 A 8)	Auxiliary pump for heating -V488- 2), 6) Exhaust flap control unit -J883- Fuel metering valve -N290- 4), 7) Circulation pump -V55- 7) Coolant shut-off valve -N82- 6) Coolant valve for gearbox -N488- Coolant circulation pump -V50- Coolant pump for high-temperature circuit -V467- Charge air cooling pump -V188- Fuel pressure regulating valve -N276- 1) Valve for oil pressure control -N428- 2) Coolant valve for cylinder head -N489- 2)	87
SB8	Fuse 8 on fuse holder B -SB8-	10 A 1) 15 A 2)	Lambda probe 1 before catalytic converter -GX10- ◆ Lambda probe heater -Z19- Lambda probe 1 after catalytic converter -GX7- ◆ Lambda probe 1 heater after catalytic converter -Z29- NOx sender -G295- 2)	87
SB9	Fuse 9 on fuse holder B -SB9-	5 A 2) 10 A 1) 20 A 7)	Auxiliary pump for heating -V488- Activated charcoal filter solenoid valve 1 -N80- 1) Camshaft control valve 1 -N205- Exhaust camshaft control valve 1 -N318-	87

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
			Air mass meter -G70- 2) Automatic glow period control unit -J179- 2) Ignition coil 1 with output stage -N70- 1) Ignition coil 2 with output stage -N127- 1) Ignition coil 3 with output stage -N291- 1) Ignition coil 4 with output stage -N292- 1) Heater element for crankcase breather -N79- 2)	
SB10	Fuse 10 on fuse holder B -SB10-	15 A 1) 20 A 2), 5)	Fuel pump control unit -J538-	87
SB11	Fuse 11 on fuse holder B -SB11-	40 A	Auxiliary air heater element -Z35- 2)	87
SB12	Fuse 12 on fuse holder B -SB12-	40 A	Auxiliary air heater element -Z35- 2)	87
SB13	Fuse 13 on fuse holder B -SB13-	15 A	Mechatronic unit for dual clutch gearbox -J743- 10)	30
SB14	Fuse 14 on fuse holder B -SB14-	40 A	Heated windscreen relay -J47-	30
SB15	Fuse 15 on fuse holder B -SB15-	15 A	Horn relay -J413-	30
SB16	Fuse 16 on fuse holder B -SB16-	20 A	Engine component current supply relay -J757- 6)	-
SB17	Fuse 17 on fuse holder B -SB17-	7.5 A	Main relay -J271- 1) Terminal 30 voltage supply relay -J317- 2) Engine control unit -J623- ABS control unit -J104- Heated windscreen relay -J47-	30
SB18	Fuse 18 on fuse holder B -SB18-	5 A	Battery monitor control unit -J367-	30
SB19	Fuse 19 on fuse holder B -SB19-	30 A	Windscreen wiper motor -V- 10)	30
SB20	Fuse 20 on fuse holder B -SB20-	10 A	Alarm horn -H12-	30
SB21	not assigned	-		-
SB22	Fuse 22 on fuse holder B -SB22-	5 A	Engine control unit -J623-	50
SB23	Fuse 23 on fuse holder B -SB23-	30 A	Starter -B-	50
SB24	Fuse 24 on fuse holder B -SB24-	40 A	Auxiliary air heater element -Z35- 2)	87
SB25	not assigned	-		-
SB26	not assigned	-		-
SB27	not assigned	-		-
SB28	not assigned	-		-

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB29	not assigned	-		-
SB30	not assigned	-		-
SB31	not assigned	-		-
SB32	not assigned	-		-
SB33	Fuse 33 on fuse holder B -SB33-	15 A	Mechatronic unit for dual clutch gearbox -J743- 9)	30
SB34	not assigned	-		-
SB35	Fuse 34 on fuse holder B -SB34-	30 A	Windscreen wiper motor -V- 9)	30
SB36	not assigned	-		-
SB37	Fuse 37 on fuse holder B -SB37-	20 A	Auxiliary heater control unit -J364-	30
SB38	not assigned	-		

1) for models with petrol engine only

2) for models with diesel engine only

3) Only models with no start/stop system

4) According to equipment

5) Only models with petrol engine and all-wheel drive

6) Only models with 2.0l petrol engine

7) Only models with 1.4l petrol engine

8) Only models with bi-turbo diesel engine

9) Only models with battery in luggage compartment

10) Only models with no battery in luggage compartment

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1.8.2 Fuse assignment of fuse holder B -SB- , from May 2016

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB1	Fuse 1 on fuse holder B -SB1-	25A	ABS control unit -J104-	30
SB2	Fuse 2 on fuse holder B -SB2-	40 A	ABS control unit -J104-	30

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB3	Fuse 3 on fuse holder B -SB3-	15 A 1) 30 A 2)	Engine control unit -J623-	87
SB4	Fuse 4 on fuse holder B -SB4-	5 A 2) 10 A 1)	Oil level and oil temperature sender -G266- Radiator fan control unit -J293- Relay for reducing agent metering system -J963- 2) Activated charcoal filter solenoid valve 1 -N80- 1) Piston cooling jet control valve -N522- 6) Turbocharger air recirculation valve -N249- 6) Intake manifold flap valve -N316- 6) Camshaft control valve 1 -N205- 1) Exhaust camshaft control valve 1 -N318- 1) Valve for oil pressure control -N428- 1) Coolant valve for cylinder head -N489- 1) High heat output relay -J360- 2) Exhaust gas recirculation cooler changeover valve -N345- 2) Low heat output relay -J359- 2) Charge pressure control solenoid valve -N75- 2)	87
SB5	Fuse 5 on fuse holder B -SB5-	10 A	Fuel pressure regulating valve -N276- 2) Fuel metering valve -N290- 2) Engine component current supply relay -J757- Secondary air system -GX24- 6) Exhaust cam actuator A for cylinder 1 -N580- 6) Exhaust cam actuator B for cylinder 1 -N581- 6) Exhaust cam actuator A for cylinder 2 -N588- 6) Exhaust cam actuator B for cylinder 2 -N589- 6) Exhaust cam actuator A for cylinder 3 -N596- 6) Exhaust cam actuator B for cylinder 3 -N597- 6) Exhaust cam actuator A for cylinder 4 -N604- 6) Exhaust cam actuator B for cylinder 4 -N605- 6) Camshaft control valve 1 -N205- 2)	87
SB6	Fuse 6 on fuse holder B -SB6-	5 A	Brake light switch -F-	87

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB7	Fuse 7 on fuse holder B -SB7-	7.5 A 6) 10 A 2) 15 A 8)	Auxiliary pump for heating -V488- 2), 6) Exhaust flap control unit -J883- 1), 4) Fuel metering valve -N290- 4), 7) Circulation pump -V55- 7) Coolant shut-off valve -N82- 6) Coolant valve for gearbox -N488- Coolant circulation pump -V50- Coolant pump for high-temperature circuit -V467- Charge air cooling pump -V188- Fuel pressure regulating valve -N276- 1) Valve for oil pressure control -N428- 2) Coolant valve for cylinder head -N489- 2)	87
SB8	Fuse 8 on fuse holder B -SB8-	10 A 1) 15 A 2)	Lambda probe 1 before catalytic converter -GX10- ◆ Lambda probe heater -Z19- Lambda probe 1 after catalytic converter -GX7- ◆ Lambda probe 1 heater after catalytic converter -Z29- NOx sender -G295- 2)	87
SB9	Fuse 9 on fuse holder B -SB9-	5 A 2) 10 A 1) 20 A 7)	Auxiliary pump for heating -V488- Activated charcoal filter solenoid valve 1 -N80- 1) Camshaft control valve 1 -N205- Exhaust camshaft control valve 1 -N318- Air mass meter -G70- 2) Automatic glow period control unit -J179- 2) Ignition coil 1 with output stage -N70- 1) Ignition coil 2 with output stage -N127- 1) Ignition coil 3 with output stage -N291- 1) Ignition coil 4 with output stage -N292- 1) Heater element for crankcase breather -N79- 2)	87

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB10	Fuse 10 on fuse holder B -SB10-	15 A 1) 20 A 2), 5)	Fuel pump control unit -J538-	87
SB11	Fuse 11 on fuse holder B -SB11-	40 A	Auxiliary air heater element -Z35- 2)	87
SB12	Fuse 12 on fuse holder B -SB12-	40 A	Auxiliary air heater element -Z35- 2)	87
SB13	Fuse 13 on fuse holder B -SB13-	15 A	Mechatronic unit for dual clutch gearbox -J743- 10)	30
SB14	Fuse 14 on fuse holder B -SB14-	40 A	Heated windscreen relay -J47-	30
SB15	Fuse 15 on fuse holder B -SB15-	15 A	Horn relay -J413-	30
SB16	Fuse 16 on fuse holder B -SB16-	20 A	Engine component current supply relay -J757- 6)	-
SB17	Fuse 17 on fuse holder B -SB17-	7.5 A	Main relay -J271- 1) Terminal 30 voltage supply relay -J317- 2) Engine control unit -J623- ABS control unit -J104- Heated windscreen relay -J47-	30
SB18	Fuse 18 on fuse holder B -SB18-	5 A	Battery monitor control unit -J367- Data bus diagnostic interface -J533-	30
SB19	Fuse 19 on fuse holder B -SB19-	30 A	Windscreen wiper motor -V- 10)	30
SB20	Fuse 20 on fuse holder B -SB20-	10 A	Alarm horn -H12-	30
SB21	Fuse 21 on fuse holder B -SB21-	30 A	Heated windscreen relay 2 -J611- 11	30
SB22	Fuse 22 on fuse holder B -SB22-	5 A	Engine control unit -J623-	50
SB23	Fuse 23 on fuse holder B -SB23-	30 A	Starter -B-	50
SB24	Fuse 24 on fuse holder B -SB24-	40 A	Auxiliary air heater element -Z35- 2)	87
SB25	not assigned	-		-
SB26	not assigned	-		-
SB27	not assigned	-		-
SB28	not assigned	-		-
SB29	not assigned	-		-
SB30	not assigned	-		-
SB31	not assigned	-		-
SB32	not assigned	-		-
SB33	Fuse 33 on fuse holder B -SB33-	15 A	Mechatronic unit for dual clutch gearbox -J743- 9)	30
SB34	not assigned	-		-
SB35	Fuse 34 on fuse holder B -SB34-	30 A	Windscreen wiper motor -V- 9)	30

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Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB36	not assigned	-		-
SB37	Fuse 37 on fuse holder B -SB37-	20 A	Auxiliary heater control unit -J364-	30
SB38	not assigned	-		-

1) for models with petrol engine only

2) for models with diesel engine only

3) Only models with no start/stop system

4) According to equipment

5) Only models with petrol engine and all-wheel drive

6) Only models with 2.0l petrol engine

7) Only models with 1.4l petrol engine

8) Only models with bi-turbo diesel engine

9) Only models with battery in luggage compartment

10) Only models with no battery in luggage compartment

11) Only models with heated windscreen (4GX)

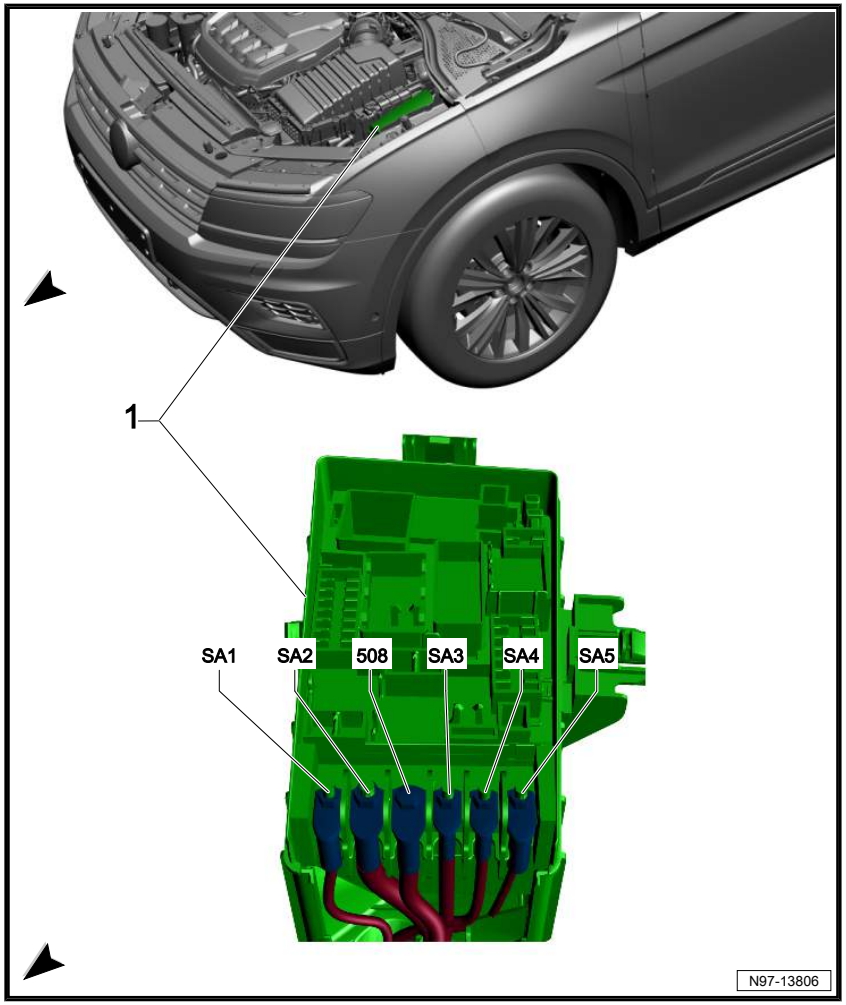
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1.9 Fitting location fuse holder A -SA-

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1 - Fuse holder A -SA-

508 - Threaded connection (30) on E-box



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Multifuse strip fuse

⇒ Rep. Gr. 97 ; Removing and installing fuse holder

Note

The fuse strip (multifuse) must be replaced as a complete unit.

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1.10 Fuse assignment on fuse holder A -SA-

1.10.1 Fuse assignment on fuse holder A -SA- , from January 2016, only models with battery in engine compartment

Screw location	Current flow diagram designation	Nominal value	Function/component	Terminal
SA1	Fuse 1 on fuse holder A -SA1-	125 A	Supply for the fuses: Fuse 2 on fuse holder C -SC2- Fuse 4 on fuse holder C -SC4- - Fuse 14 on fuse holder C -SC14- Fuse 22 on fuse holder C -SC22- Fuse 31 on fuse holder C -SC31- Fuse 38 on fuse holder C -SC38- Fuse 39 on fuse holder C -SC39- Fuse 41 on fuse holder C -SC41- Fuse 42 on fuse holder C -SC42- Fuse 46 on fuse holder C -SC46- Fuse 51 on fuse holder C -SC51- Fuse 53 on fuse holder C -SC53- Terminal 15 voltage supply relay -J329-	30
SA2	Fuse 2 on fuse holder A -SA2-	400 A	Alternator with voltage regulator -GX1-	30
508	(508) Threaded connection (30), on E-box	-	Battery -A-	30
SA3	Fuse 3 on fuse holder A -SA3-	80 A	Power steering control unit -J500-	30
SA4	Fuse 4 on fuse holder A -SA4-	80 A	Supply for the fuses: Fuse 1 on fuse holder C -SC1- Fuse 2 on fuse holder C -SC2- Fuse 15 on fuse holder C -SC15- - fuse 21 on fuse holder C -SC21- Fuse 23 on fuse holder C -SC23- - Fuse 28 on fuse holder C -SC28- Fuse 30 on fuse holder C -SC30- Fuse 43 on fuse holder C -SC43- - Fuse 45 on fuse holder C -SC45- Fuse 50 on fuse holder C -SC50- Fuse 52 on fuse holder C -SC52-	30

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Screw location	Current flow diagram designation	Nominal value	Function/component	Terminal
SA5	Fuse 5 on fuse holder A -SA5-	50 A	Radiator fan -VX57-	30

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1.10.2 Fuse assignment on fuse holder A -SA- , from August 2016, only models with battery in luggage compartment

Screw location	Current flow diagram designation	Nominal value	Function/component	Terminal
SA1	Fuse 1 on fuse holder A -SA1-	80 A	Supply for the fuses: Radiator fan -VX57-	30
SA2	Fuse 2 on fuse holder A -SA2-	400 A	Alternator with voltage regulator -CX1-	30
508	508 Threaded connection (30), on E-box	-	Battery -A-	30
SA3	Fuse 3 on fuse holder A -SA3-	-	Not assigned	30
SA4	Fuse 4 on fuse holder A -SA4-	80 A	Supply for the fuses: Power steering control unit -J500-	30
SA5	Fuse 5 on fuse holder A -SA5-	-	Not assigned	30

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1 Relays

1.1 Overview of relay carriers

Note

The fitting locations are identical on LHD and RHD models.

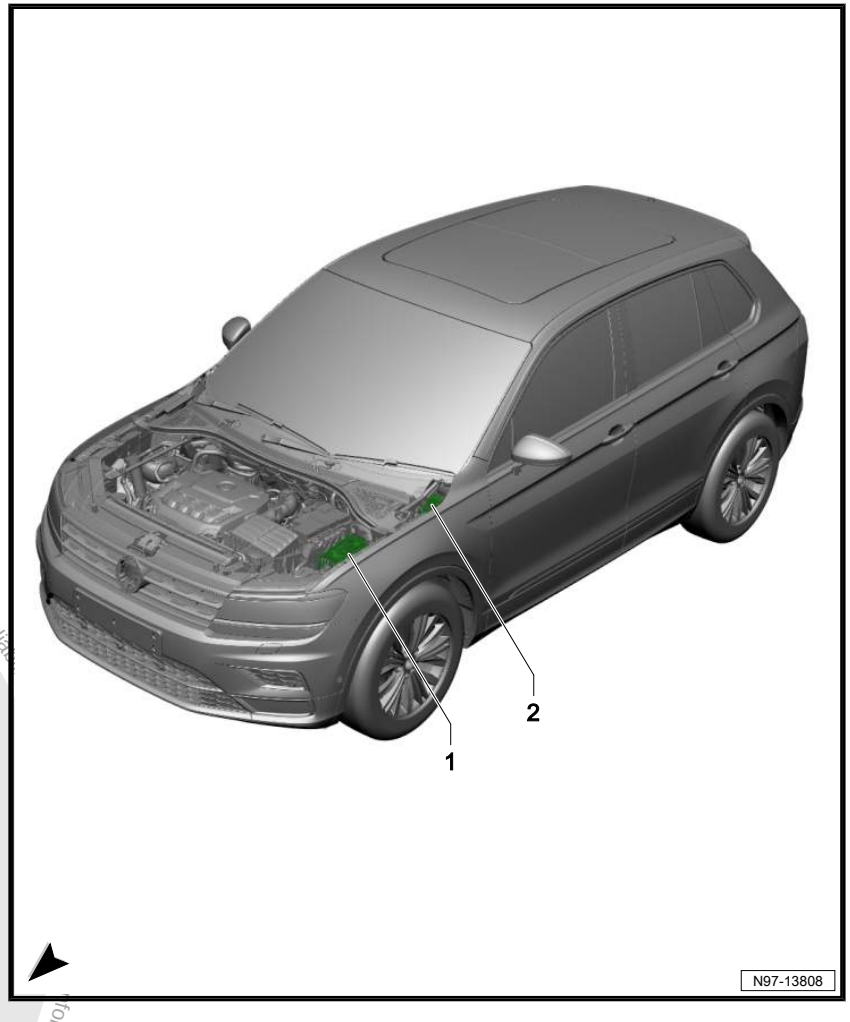
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1 - Relays on fuse holder B -SB-

- Heated windscreen relay -J47-
- Automatic glow period control unit -J179-
- Main relay -J271-
- Terminal 30 voltage supply relay -J317-
- Low heat output relay -J359-
- High heat output relay -J360-
- Horn relay -J413-
- Engine component current supply relay -J757-
- Starter relay 1 -J906-
- Starter relay 2 -J907-
- Heated windscreen relay 2 -J611- , only for variant 1
  - Fitting location and relay assignment, variant 1 ⇒ page 5
  - Fitting location and relay assignment, variant 2 ⇒ page 6

2 - Relay and fuse carrier 2 -SR2-, on left under dash panel

- Heated rear window relay -J9-
- Magnetic clutch relay -J44-
- Terminal 15 voltage supply relay -J329-
- Relay for power sockets -J807-
- Relay for reducing agent metering system -J963-
  - Fitting locations and relay assignment, left-hand drive models, from January 2016 ⇒ page 3
  - Fitting locations and relay assignment, right-hand drive models, from January 2016 ⇒ page 4



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1.2 Relay and fuse carrier 2 -SR2- , under dash panel on left

1.2.1 Fitting location and relay assignment of relay and fuse carrier 2 -SR2- , left-hand drive models, from January 2016

1 - Relay and fuse carrier 2 -SR2- , under dash panel on left

R1 - Relay for reducing agent metering system -J963-

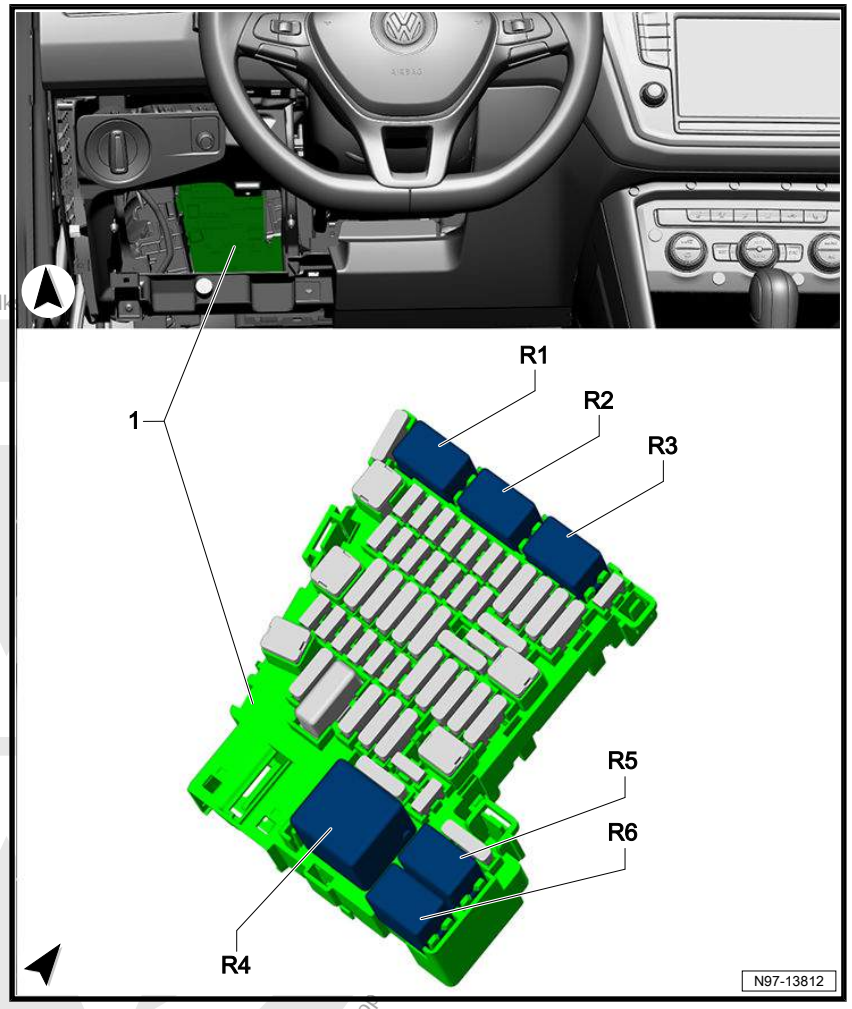
R2 - Magnetic clutch relay -J44-

R3 - not assigned

R4 - Terminal 15 voltage supply relay -J329-

R5 - Heated rear window relay -J9-

R6 - Relay for power sockets -J807-



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1.2.2 Fitting location and relay assignment of relay and fuse carrier 2 -SR2- , right-hand drive models, from January 2016

1 - Relay and fuse carrier 2 -SR2- , on right under dash panel

R1 - Relay for reducing agent metering system -J963-

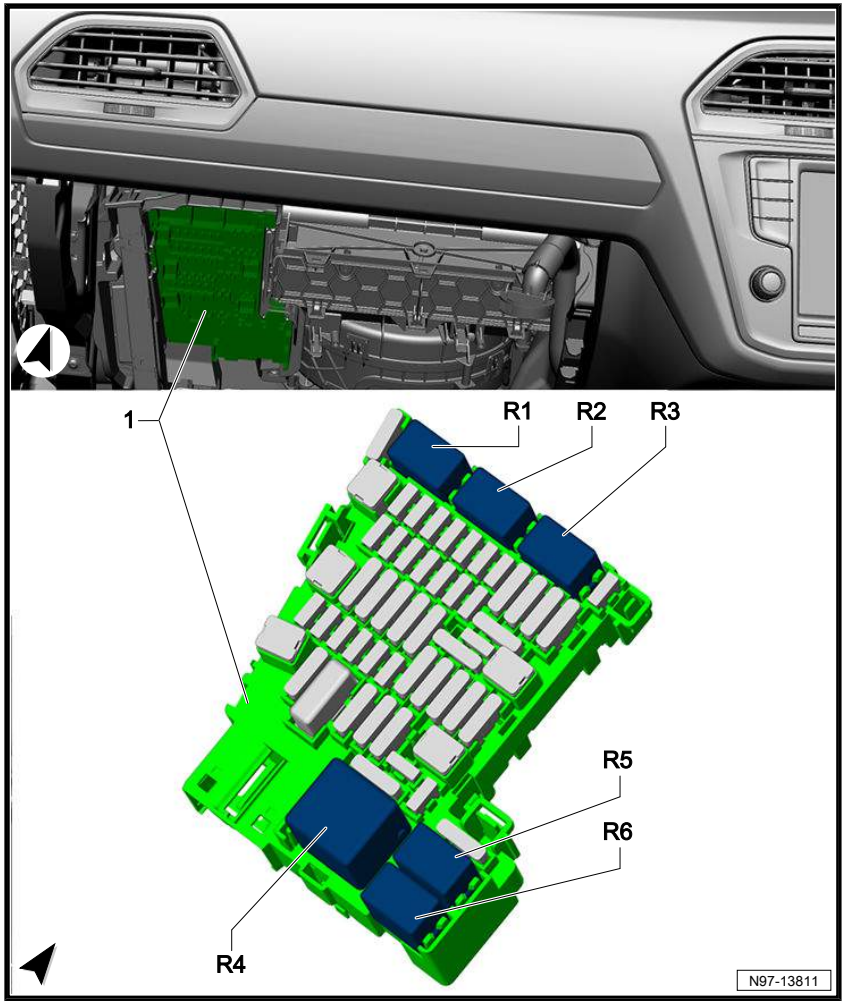
R2 - Magnetic clutch relay -J44-

R3 - not assigned

R4 - Terminal 15 voltage supply relay -J329-

R5 - Heated rear window relay -J9-

R6 - Relay for power sockets -J807-



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1.3 Relays on fuse holder B -SB-

1.3.1 Fitting location and relay assignment, variant 1 relays on fuse holder B -SB-, from January 2016

1 - Fuse holder B -SB-

R1 - Starter relay 1 -J906-

R2 - Starter relay 2 -J907-

R3 - Horn relay -J413-

R4 - High heat output relay -J360-
- ❑ Only models with diesel engine

R4 - Secondary air pump relay -J299-
- ❑ Only models with 2.0l petrol engine

R5 - Main relay -J271-
- ❑ Only models with petrol engine

R5 - Terminal 30 voltage supply relay -J317-
- ❑ Only models with diesel engine

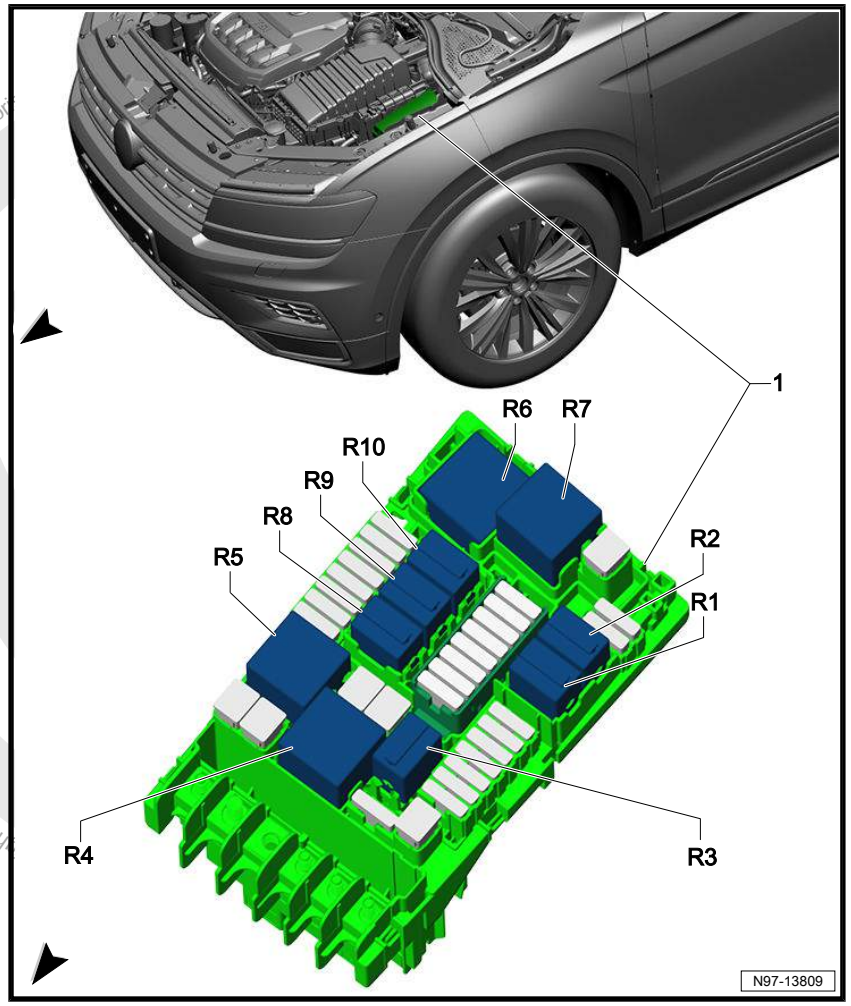
R6 - Automatic glow period control unit -J179-
- ❑ Only models with diesel engine

R7 - Low heat output relay -J359-
- ❑ Only models with diesel engine

R8 - Engine component current supply relay -J757-
- ❑ Only models with 2.0l petrol engine

R9 - Heated windscreen relay -J47-
- ❑ Only models with heated windscreen (4GX)

R10 - Heated windscreen relay 2 -J611-
- ❑ Only models with heated windscreen (4GX)



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1.3.2 Fitting location and relay assignment, variant 2 relays on fuse holder B -SB-, from January 2016

1 - Fuse holder B -SB-

R1 - Starter relay 1 -J906-

R2 - Starter relay 2 -J907-

R3 - Horn relay -J413-

R4 - High heat output relay -J360-

- ❑ Only models with diesel engine

R4 - Secondary air pump relay -J299-

- ❑ Only models with 2.0l petrol engine

R5 - Main relay -J271-

- ❑ Only models with petrol engine

R5 - Terminal 30 voltage supply relay -J317-

- ❑ Only models with diesel engine

R6 - Automatic glow period control unit -J179-

- ❑ Only models with diesel engine

R7 - Low heat output relay -J359-

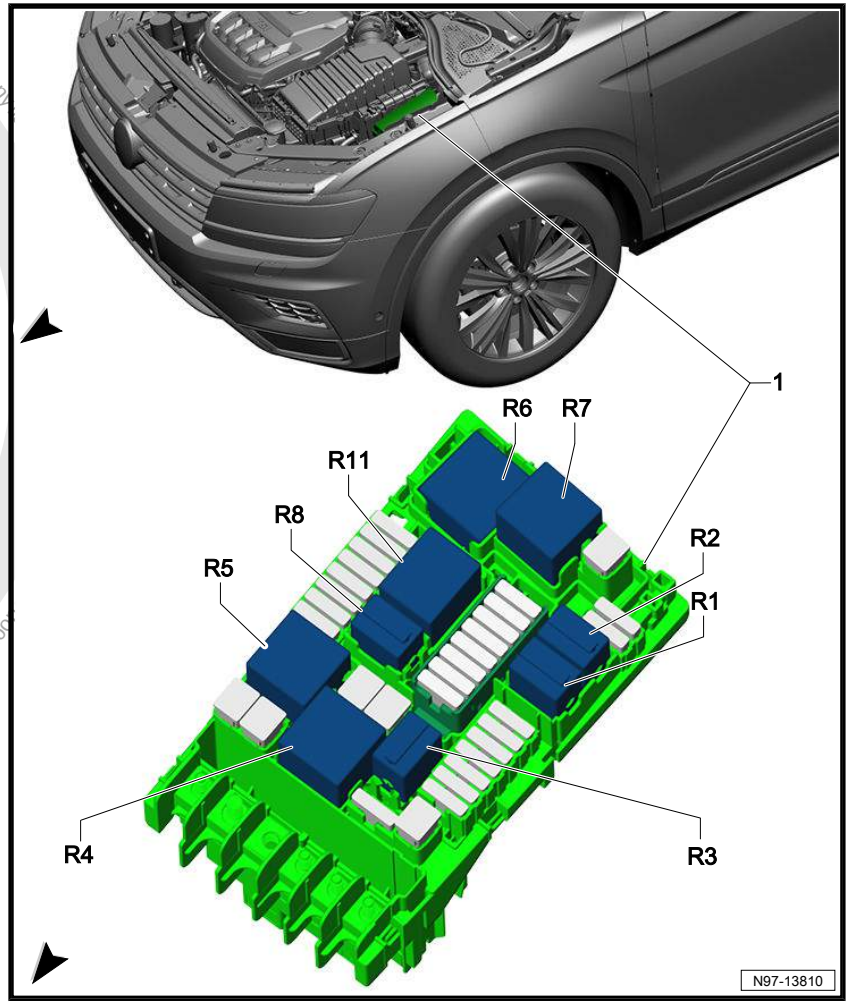
- ❑ Only models with diesel engine

R8 - Engine component current supply relay -J757-

- ❑ Only models with 2.0l petrol engine

R11 - Heated windscreen relay -J47-

- ❑ Only models with climate windscreen (4GW)



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1 Fitting locations: front part of vehicle

- ⇒ “1.1 Front bumper”, page 14
- ⇒ “1.2 Front from left”, page 16
- ⇒ “1.3 Front from right”, page 18
- ⇒ “1.4 1.4l petrol engine CZCA, CZDA, CZEA, DGWA”, page 19
- ⇒ “1.5 2.0l petrol engine CHHB, CZPA”, page 22
- ⇒ “1.6 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA”, page 29
- ⇒ “1.7 2.0l bi-turbo diesel engine, CUAA”, page 33
- ⇒ “1.8 Manual gearbox”, page 37
- ⇒ “1.9 Dual clutch gearbox”, page 39

Engine components

Component name	Fitting location
Alternator -C- Alternator with voltage regulator -CX1-	⇒ 1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23 ⇒ “1.6.1 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from front”, page 30 ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34
Oil pressure switch -F1-	⇒ “1.4.3 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from rear”, page 22 ⇒ “1.5.6 2.0l petrol engine CHHB, CZPA, from right”, page 28 ⇒ “1.6.1 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from front”, page 30 ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34

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Component name	Fitting location
Oil pressure switch for reduced oil pressure -F378-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.5.6 2.0l petrol engine CHHB, CZPA, from right”, page 28 ⇒ “1.6.3 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from left”, page 32 ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34
Oil pressure switch, stage 3 -F447-	⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23
Engine speed sender -G28-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23 ⇒ “1.6.3 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from left”, page 32 ⇒ “1.7.3 2.0l bi-turbo diesel engine, CUAA, from left”, page 36
Charge pressure sender -G31-	2.0l petrol engine ⇒ Item 14 (page 18) ⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34
Hall sender -G40-	⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21 ⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23 ⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34
Knock sensor 1 -G61-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25

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Component name	Fitting location
Coolant temperature sender -G62-	⇒ “1.4.3 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from rear”, page 22 ⇒ “1.5.4 2.0l petrol engine CZPA, from left”, page 26 ⇒ “1.5.5 2.0l petrol engine CHHB, from left”, page 27 ⇒ “1.6.3 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from left”, page 32 ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34
Fuel temperature sender -G81-	⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35
Exhaust gas temperature sender 1 -G235-	⇒ “1.6.4 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from rear”, page 33 ⇒ “1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear”, page 37
Fuel pressure sender -G247-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23 ⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35
Oil level and oil temperature sender -G266-	⇒ “1.4.3 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from rear”, page 22 ⇒ “1.5.4 2.0l petrol engine CZPA, from left”, page 26 ⇒ “1.5.5 2.0l petrol engine CHHB, from left”, page 27 ⇒ “1.6.4 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from rear”, page 33 ⇒ “1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear”, page 37

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Component name	Fitting location
Compressor temperature sender for adaptive suspension -G290-	⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24
NOx sender -G295-	⇒ “1.6.4 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from rear”, page 33 ⇒ “1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear”, page 37
Hall sender 3 -G300-	⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21 ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Intake manifold flap potentiometer -G336-	⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Fuel pressure sender for low-pressure -G410-	⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23
Charge pressure sender 2 -G447-	⇒ “1.7.3 2.0l bi-turbo diesel engine, CUAA, from left”, page 36
Exhaust gas temperature sender 2 -G448-	⇒ “1.6.4 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from rear”, page 33 ⇒ “1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear”, page 37
Exhaust gas pressure sensor 1 -G450-	⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35
Exhaust gas temperature sender 3 -G495-	⇒ “1.6.4 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from rear”, page 33 ⇒ “1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear”, page 37

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Component name	Fitting location
Pressure differential sender -G505-	⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35
Position sender for charge pressure positioner -G581-	⇒ “1.6.4 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from rear”, page 33
Regulating flap potentiometer -G584-	⇒ “1.7.3 2.0l bi-turbo diesel engine, CUAA, from left”, page 36
Sender 1 for secondary air pressure -G609-	⇒ “1.5.4 2.0l petrol engine CZPA, from left”, page 26
Exhaust gas temperature sender 4 -G648-	⇒ “1.6.4 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from rear”, page 33 ⇒ “1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear”, page 37
Coolant temperature sender 2 -G802-	⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34
Charge air temperature sender before charge air cooler -G810-	⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.3 2.0l bi-turbo diesel engine, CUAA, from left”, page 36
Charge air temperature sender after charge air cooler -G811-	⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34
Throttle valve module -GX3-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23 ⇒ “1.6.3 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from left”, page 32 ⇒ “1.7.3 2.0l bi-turbo diesel engine, CUAA, from left”, page 36

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Component name	Fitting location
Exhaust gas recirculation valve 1 -GX5-	⇒ “1.6.3 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from left”, page 32 ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34
Exhaust gas recirculation valve 2 -GX6-	⇒ “1.6.4 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from rear”, page 33 ⇒ “1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear”, page 37
Lambda probe 1 after catalytic converter -GX7-	⇒ “1.4.3 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from rear”, page 22 ⇒ “1.5.7 2.0l petrol engine CHHB, CZPA, from rear”, page 29
Intake manifold sender -GX9-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Lambda probe 1 before catalytic converter -GX10-	⇒ “1.4.3 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from rear”, page 22 ⇒ “1.5.7 2.0l petrol engine CHHB, CZPA, from rear”, page 29 ⇒ “1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear”, page 37 ⇒ “1.6.4 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from rear”, page 33
Secondary air system -GX24-	⇒ “1.5.5 2.0l petrol engine CHHB, from left”, page 27
Charge pressure sender -GX26-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20
Turbocharger 1 control unit -J724-	⇒ “1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear”, page 37

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Component name	Fitting location
Injector, cylinder 1 -N30-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25 ⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35
Injector, cylinder 2 -N31-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25 ⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35
Injector, cylinder 3 -N32-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25 ⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35

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Component name	Fitting location
Injector, cylinder 4 -N33-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25 ⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35
Ignition coil 1 with output stage -N70-	⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21 ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Charge pressure control solenoid valve -N75-	⇒ “1.6.1 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from front”, page 30 ⇒ “1.7.3 2.0l bi-turbo diesel engine, CUAA, from left”, page 36
Heater element for crankcase breather -N79-	⇒ “1.6.3 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from left”, page 32
Activated charcoal filter solenoid valve 1 -N80-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Coolant shut-off valve -N82-	⇒ “1.5.4 2.0l petrol engine CZPA, from left”, page 26 ⇒ “1.5.5 2.0l petrol engine CHHB, from left”, page 27
Secondary air inlet valve -N112-	⇒ “1.5.4 2.0l petrol engine CZPA, from left”, page 26

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Component name	Fitting location
Ignition coil 2 with output stage -N127-	⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21 ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Camshaft control valve 1 -N205-	⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21 ⇒ “1.5.6 2.0l petrol engine CHHB, CZPA, from right”, page 28 ⇒ “1.6.3 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from left”, page 32
Turbocharger air recirculation valve -N249-	⇒ “1.5.4 2.0l petrol engine CZPA, from left”, page 26 ⇒ “1.5.5 2.0l petrol engine CHHB, from left”, page 27
Fuel pressure regulating valve -N276-	⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21 ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25 ⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35
Air conditioner compressor regulating valve -N280-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23 ⇒ “1.6.1 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from front”, page 30 ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34
Fuel metering valve -N290-	⇒ “1.6.1 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from front”, page 30 ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34

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Component name	Fitting location
Ignition coil 3 with output stage -N291-	⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21 ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Ignition coil 4 with output stage -N292-	⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21 ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Intake manifold flap valve -N316-	⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24 ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Exhaust camshaft control valve 1 -N318-	⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21 ⇒ “1.5.6 2.0l petrol engine CHHB, CZPA, from right”, page 28
Exhaust gas recirculation cooler changeover valve -N345-	⇒ “1.6.3 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from left”, page 32
Oil pressure control valve -N428-	⇒ “1.4.3 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from rear”, page 22 ⇒ “1.5.6 2.0l petrol engine CHHB, CZPA, from right”, page 28 ⇒ “1.6.1 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from front”, page 30 ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34
Injector for reducing agent -N474-	⇒ “1.6.4 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from rear”, page 33 ⇒ “1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear”, page 37

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Component name	Fitting location
Coolant valve for cylinder head -N489-	⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35
Actuator for engine temperature regulation -N493-	⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23 ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34
Piston cooling jet control valve -N522-	⇒ “1.5.6 2.0l petrol engine CHHB, CZPA, from right”, page 28
Turbine changeover valve -N529-	⇒ “1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear”, page 37
Injector 2, cylinder 1 -N532-	⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23
Injector 2, cylinder 2 -N533-	⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23
Injector 2, cylinder 3 -N534-	⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23
Injector 2, cylinder 4 -N535-	⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23
Inlet cam actuator A for cylinder 1 -N576-	⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24
Inlet cam actuator B for cylinder 1 -N577-	⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24
Exhaust cam actuator A for cylinder 1 -N580-	⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Exhaust cam actuator B for cylinder 1 -N581-	⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Inlet cam actuator for cylinder 2 -N583-	⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21
Inlet cam actuator A for cylinder 2 -N584-	⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24
Inlet cam actuator B for cylinder 2 -N585-	⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24
Exhaust cam actuator for cylinder 2 -N587-	⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21
Exhaust cam actuator A for cylinder 2 -N588-	⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25

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Component name	Fitting location
Exhaust cam actuator B for cylinder 2 -N589-	⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Inlet cam actuator for cylinder 3 -N591-	⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21
Inlet cam actuator A for cylinder 3 -N592-	⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24
Inlet cam actuator B for cylinder 3 -N593-	⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24
Exhaust cam actuator for cylinder 3 -N595-	⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21
Exhaust cam actuator A for cylinder 3 -N596-	⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Exhaust cam actuator B for cylinder 3 -N597-	⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Inlet cam actuator A for cylinder 4 -N600-	⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24
Inlet cam actuator B for cylinder 4 -N601-	⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24
Exhaust cam actuator A for cylinder 4 -N604-	⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Exhaust cam actuator B for cylinder 4 -N605-	⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
Glow plug 1 -Q10-	⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35
Glow plug 2 -Q11-	⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35
Glow plug 4 -Q13-	⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31 ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35

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Component name	Fitting location
Glow plug 3 -QX3-	⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35 ⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31
Charge air cooling pump -V188-	⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20 ⇒ “1.6.1 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from front”, page 30 ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34
Charge pressure positioner -V465-	⇒ “1.4.3 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from rear”, page 22 ⇒ “1.5.4 2.0l petrol engine CZPA, from left”, page 26 ⇒ “1.5.5 2.0l petrol engine CHHB, from left”, page 27
Gearbox oil cooling pump -V478-	⇒ “1.5.5 2.0l petrol engine CHHB, from left”, page 27
Auxiliary pump for heating -V488-	⇒ “1.5.4 2.0l petrol engine CZPA, from left”, page 26 ⇒ “1.5.5 2.0l petrol engine CHHB, from left”, page 27 ⇒ “1.6.4 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from rear”, page 33 ⇒ “1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear”, page 37

Gearbox components

Component name	Fitting location
Starter -B-	⇒ "1.8.1 Manual gearbox, 02Q, 0BB", page 38 ⇒ "1.8.2 Manual gearbox, 0A6", page 39 ⇒ “1.9.1 Dual clutch gearbox 0D9”, page 40 ⇒ “1.9.2 Dual clutch gearbox 0DL”, page 41

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Component name	Fitting location
Reversing light switch -F4-	⇒ "1.8.1 Manual gearbox, 02Q, 0BB", page 38 ⇒ "1.8.2 Manual gearbox, 0A6", page 39
Gearbox neutral position sender -G701-	⇒ "1.8.1 Manual gearbox, 02Q, 0BB", page 38 ⇒ "1.8.2 Manual gearbox, 0A6", page 39
Mechatronic unit for dual clutch gearbox -J743-	⇒ “1.9.1 Dual clutch gearbox 0D9”, page 40 ⇒ “1.9.2 Dual clutch gearbox 0DL”, page 41
Coolant valve for gearbox -N488-	⇒ “1.9.1 Dual clutch gearbox 0D9”, page 40

1.1 Front bumper

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A - 5-pin connector -T5bh- , blue/
5-pin connector -T5bn- , blue

B - 14-pin connector -T14v- , black/
14-pin connector -T14x- , black

1 - Adaptive cruise control unit -J428-

2 - Front left headlight -MX1-

3 - Driver side crash sensor for pedestrian protection -G570-

4 - Front left sender for park assist steering on left side of vehicle -G568-

5 - Front left parking aid sender -G255-

6 - Left fog light bulb -L22-

7 - Front pressure hose sensor for pedestrian protection -G579-
- ❑ 2-pin connector -T2dj-
- ❑ Fitting location of connector 2-pin connector -T2cr- ⇒ Item 16 (page 15)

8 - Bass horn -H7-

9 - Front centre left parking aid sender -G254-

10 - Ambient temperature sensor -G17-

11 - Front overhead view camera -R243-

12 - Centre crash sensor for pedestrian protection -G693-

13 - Front centre right parking aid sender -G253-

14 - Treble horn -H2-

15 - Right fog light bulb -L23-

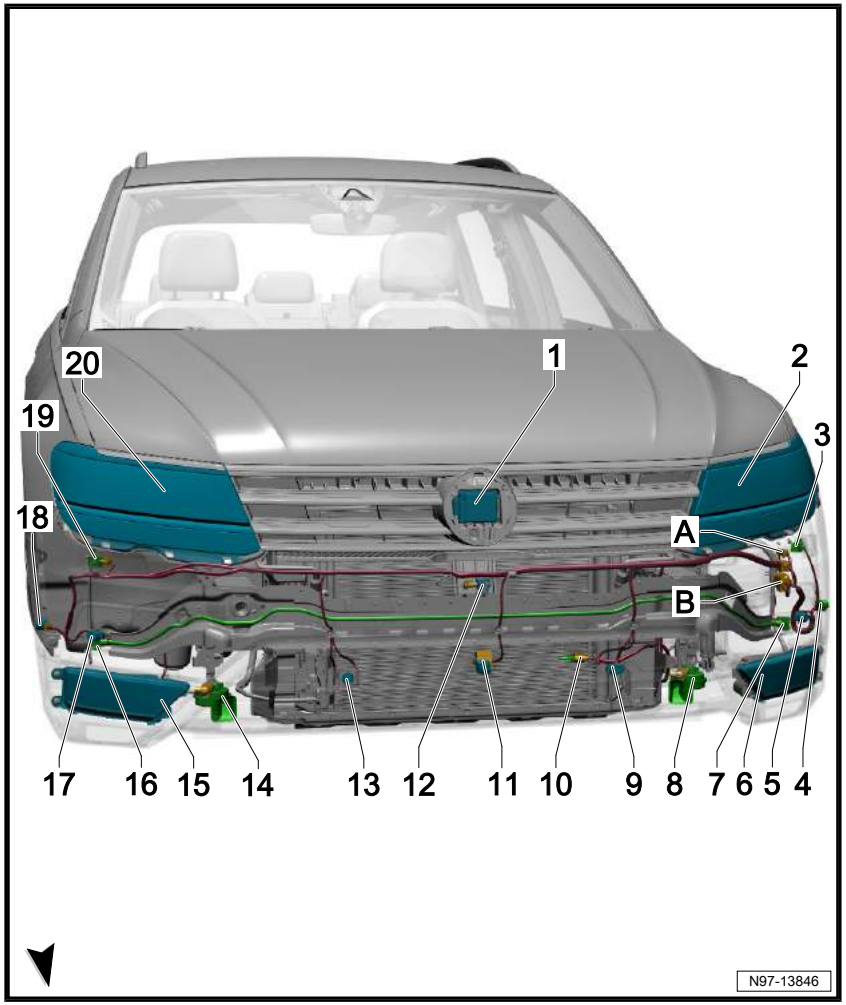
16 - Front pressure hose sensor for pedestrian protection -G579-
- ❑ 2-pin connector -T2cr-

17 - Front right parking aid sender -G252-

18 - Front right sender for park assist steering on right side of vehicle -G569-

19 - Front passenger side crash sensor for pedestrian protection -G571-

20 - Front right headlight -MX2-



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1.2 Front from left

A - 14-pin connector -T14o- , grey/ 14-pin connector -T14c- , grey

A - 14-pin connector -T14r- , grey/ 14-pin connector -T14b- , grey

A - 14-pin connector -T14s- , grey/ 14-pin connector -T14e- , grey

B - 4-pin connector -T4bj- , black/ 4-pin connector -T4ac- , black

- ❑ Only models with 1.4l engine

B - 8-pin connector -T8o- , black/ 8-pin connector -T8f- , black

- ❑ Only models with 2.0l engine
- ❑ According to equipment

B - 8-pin connector -T8ap- , black/ 8-pin connector -T8g- , black

- ❑ Only models with diesel engine

B - 10-pin connector -T10t- , black/ 10-pin connector -T10e- , black

- ❑ Only models with 2.0l engine
- ❑ According to equipment

1 - Alarm horn -H12-

2 - Left washer jet heater element -Z20-

3 - Windscreen wiper motor -V-

4 - Automatic gearbox control unit -J217-

5 - Front left body acceleration sender -G341-

6 - Front left shock absorber damping adjustment valve -N336-

7 - Front left speed sensor -G47-

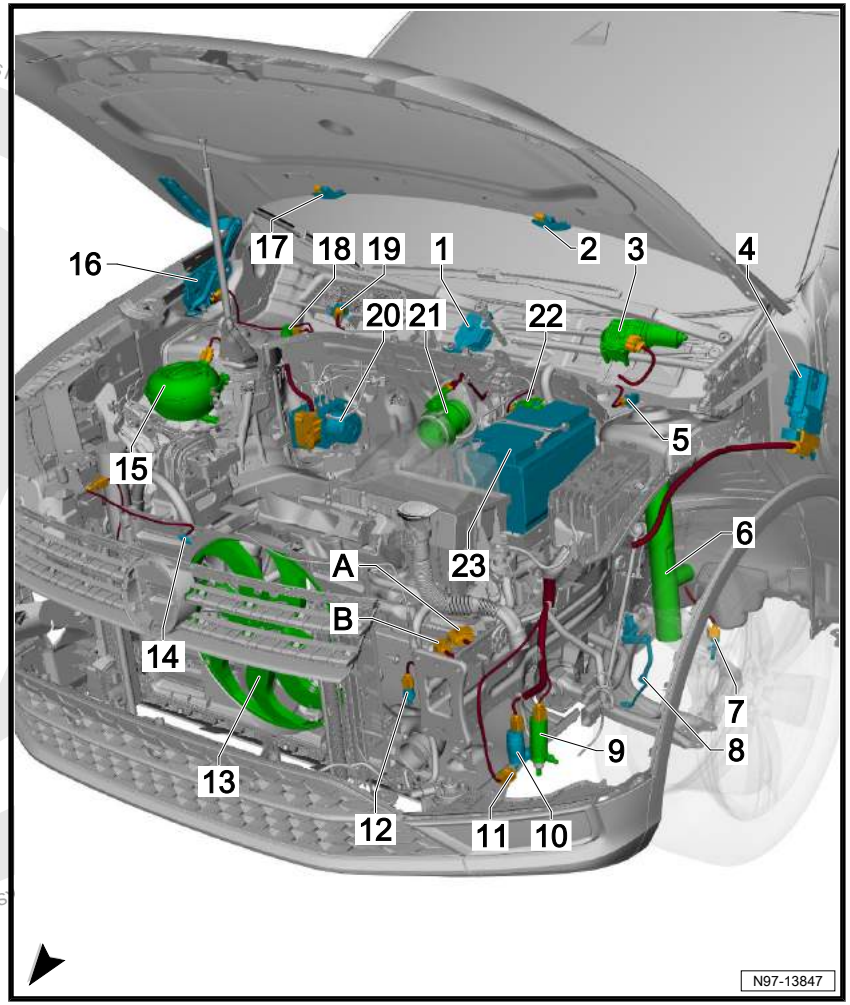
8 - Front left vehicle level sender -G78-

9 - Headlight washer system pump -V11-

- ❑ Fitting location for models with high-power engines ⇒ Item 24 (page 19)

10 - Windscreen and rear window washer pump -V59-

- ❑ Fitting location for models with high-power engines ⇒ Item 23 (page 19)



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11 - Windscreen washer fluid level sender -G33-

- ❑ Fitting location for models with high-power engines ⇒ Item 25 (page 19)

12 - Radiator outlet coolant temperature sender -G83-

- ❑ Only models with 1.4l petrol engine
- ❑ Fitting location for models with 2.0l petrol engine ⇒ Item 15 (page 18)

13 - Radiator fan -VX57-

- ❑ Only models with one radiator fan
- ❑ For models with two radiator fans ⇒ Item 10 (page 18)

14 - Front lid contact switch -F387-

15 - Coolant shortage indicator sender -G32-

16 - Trigger 2 for pedestrian protection -G599-

17 - Right washer jet heater element -Z21-

18 - Front right body acceleration sender -G342-

19 - Air quality sensor -G238-

20 - ABS control unit -J104-

21 - Air mass meter -G70-

22 - Battery monitor control unit -J367-

- ❑ Not for models with battery in luggage compartment
- ❑ Fitting location for models with battery in luggage compartment, see document: fitting location in rear part of vehicle

23 - Battery -A-

- ❑ Not for models with battery in luggage compartment
- ❑ Fitting location for models with battery in luggage compartment, see document: fitting location in rear part of vehicle

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1.3 Front from right

A - 6-pin connector -T6ag- , black/
6-pin connector -T6m- , black

A - 10-pin connector -T10s- , black/
10-pin connector -T10d- , black

1 - Vacuum sender -G608-

2 - Brake fluid level warning contact -F34-

3 - Control unit for NOx sender -GX30-

4 - Terminal 30 wiring junction -TV2-

- ❑ Only models with battery in luggage compartment

5 - Heated windscreen -Z2-

- ❑ Connection on left
- ❑ Connection on right ⇒ Item 26 (page 19)

6 - Trigger 1 for pedestrian protection -G598-

7 - Engine control unit -J623-

8 - Front airbag crash sensor for driver side -G283-

9 - Secondary air pump motor -V101-

10 - Radiator fan -VX57-

11 - Crash sensor for front airbag -G190-

12 - Brake light switch -F-

13 - Radiator fan 2 -V177-

- ❑ Only models with two radiator fans

14 - Charge pressure sender -G31-

15 - Radiator outlet coolant temperature sender -G83-

- ❑ Only models with 2.0l petrol engine

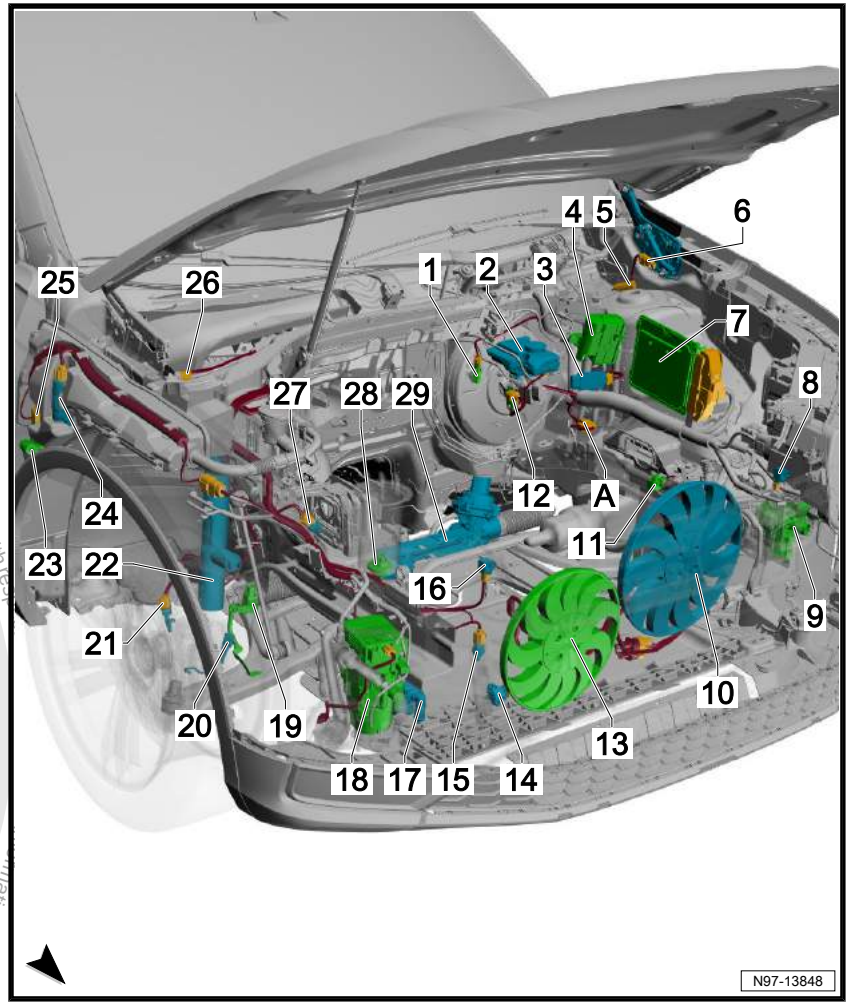
16 - Front airbag crash sensor for front passenger side -G284-

17 - Coolant circuit control unit -GX28-

18 - Auxiliary heater control unit -J364-

19 - Front right vehicle level sender -G289-

20 - Front right brake pad wear sender -G35-



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21 - Front right speed sensor -G45-

22 - Front right shock absorber damping adjustment valve -N337-

23 - Windscreen and rear window washer pump -V59-

24 - Headlight washer system pump -V11-

25 - Windscreen washer fluid level sender -G33-

26 - Heated windscreen -Z2-

27 - Pressure sender for refrigerant circuit -G805-

28 - Water separator sender -G63-

29 - Power steering control unit -J500-

1.4 1.4l petrol engine CZCA, CZDA, CZEA, DGWA

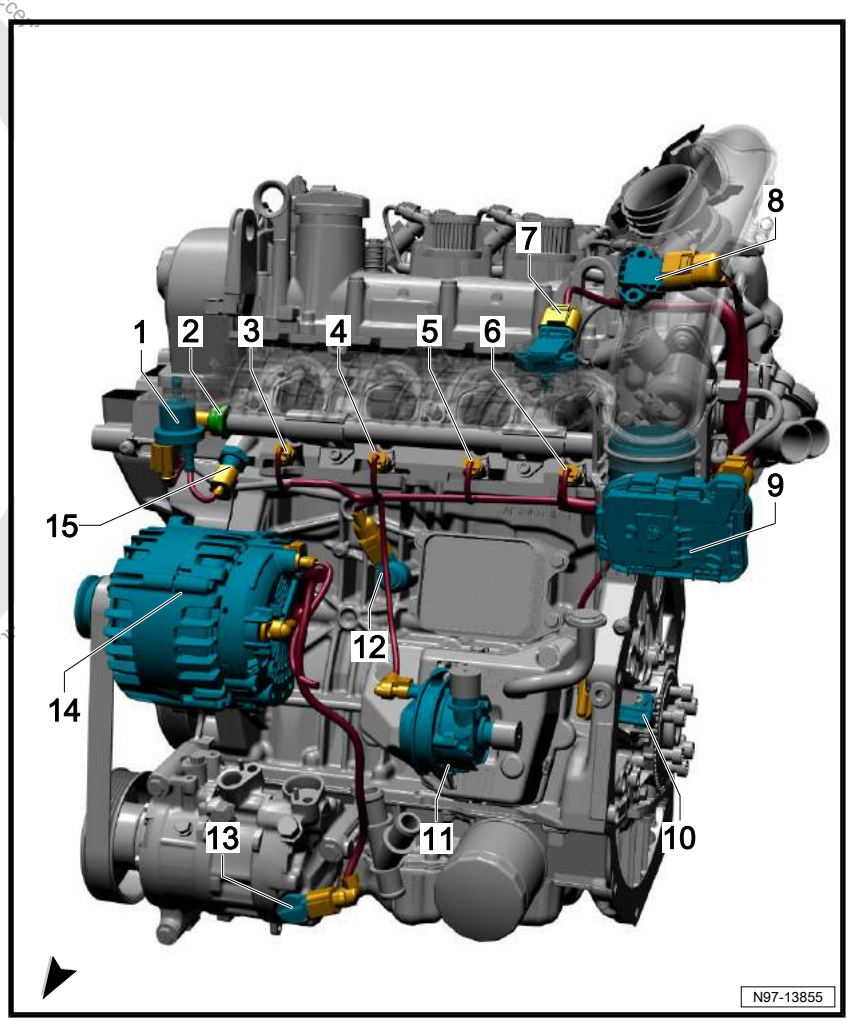
- ⇒ “1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front”, page 20
- ⇒ “1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above”, page 21
- ⇒ “1.4.3 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from rear”, page 22

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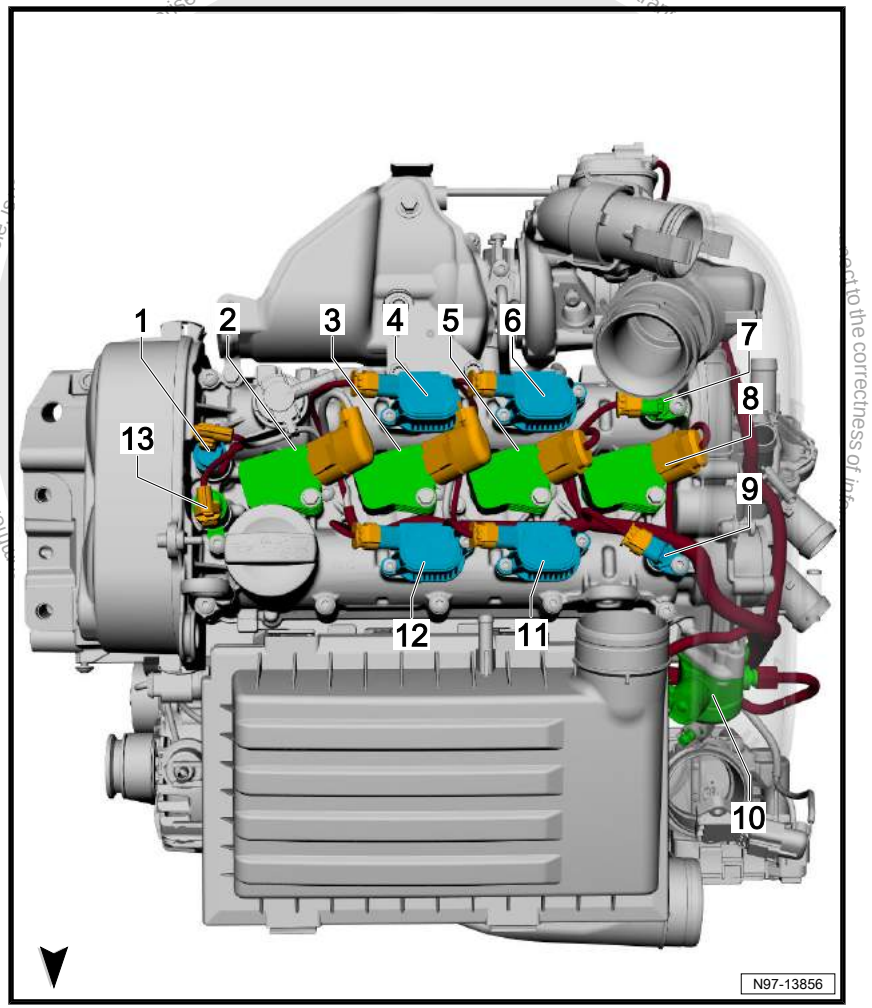
1.4.1 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from front

1 - Activated charcoal filter solenoid valve 1 -N80-
2 - Fuel pressure sender -G247-
3 - Injector, cylinder 1 -N30-
4 - Injector, cylinder 2 -N31-
5 - Injector, cylinder 3 -N32-
6 - Injector, cylinder 4 -N33-
7 - Intake manifold sender -GX9-
8 - Charge pressure sender -GX26-
9 - Throttle valve module -GX3-
10 - Engine speed sender -G28-
11 - Charge air cooling pump -V188-
12 - Air conditioner compressor regulating valve -N280-
13 - Knock sensor 1 -G61-
14 - Alternator with voltage regulator -CX1-
15 - Oil pressure switch for reduced oil pressure -F378-



1.4.2 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from above

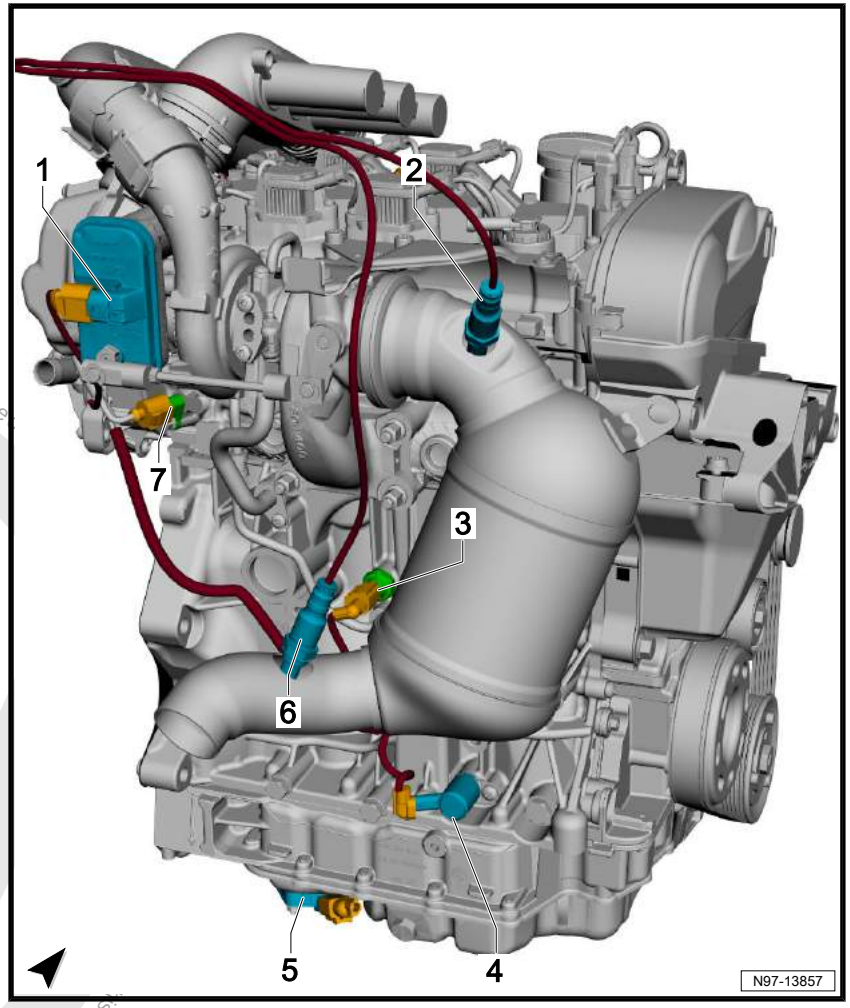
1 - Exhaust camshaft control valve 1 -N318-
2 - Ignition coil 1 with output stage -N70-
3 - Ignition coil 2 with output stage -N127-
4 - Exhaust cam actuator for cylinder 2 -N587-
5 - Ignition coil 3 with output stage -N291-
6 - Exhaust cam actuator for cylinder 3 -N595-
7 - Hall sender 3 -G300-
8 - Ignition coil 4 with output stage -N292-
9 - Hall sender -G40-
10 - Fuel pressure regulating valve -N276-
11 - Inlet cam actuator for cylinder 3 -N591-
12 - Inlet cam actuator for cylinder 2 -N583-
13 - Camshaft control valve 1 -N205-



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1.4.3 1.4l petrol engine CZCA, CZDA, CZEA, DGWA, from rear

1 - Charge pressure positioner -V465-
2 - Lambda probe 1 before catalytic converter -GX10-
3 - Oil pressure switch -F1-
4 - Oil pressure control valve -N428-
5 - Oil level and oil temperature sender -G266-
6 - Lambda probe 1 after catalytic converter -GX7-
7 - Coolant temperature sender -G62-



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1.5 2.0l petrol engine CHHB, CZPA

- ⇒ “1.5.1 2.0l petrol engine CHHB, CZPA, from front”, page 23
- ⇒ “1.5.2 2.0l petrol engine CZPA, from above”, page 24

- ⇒ “1.5.3 2.0l petrol engine CHHB, from above”, page 25
- ⇒ “1.5.4 2.0l petrol engine CZPA, from left”, page 26
- ⇒ “1.5.5 2.0l petrol engine CHHB, from left”, page 27
- ⇒ “1.5.6 2.0l petrol engine CHHB, CZPA, from right”, page 28
- ⇒ “1.5.7 2.0l petrol engine CHHB, CZPA, from rear”, page 29

1.5.1 2.0l petrol engine CHHB, CZPA, from front

A - 8-pin connector -T8b- , black/
8-pin connector -T8ab- , black

B - 8-pin connector -T8a- , black/
8-pin connector -T8ad- , black

C - 14-pin connector -T14a- , black/
14-pin connector -T14ab- , black

1 - Injector 2, cylinder 1 -N532-

2 - Injector 2, cylinder 2 -N533-

3 - Injector 2, cylinder 3 -N534-

4 - Injector 2, cylinder 4 -N535-

5 - Hall sender -G40-

6 - Oil pressure switch, stage 3 -F447-

7 - Engine speed sender -G28-

8 - Actuator for engine temperature regulation -N493-

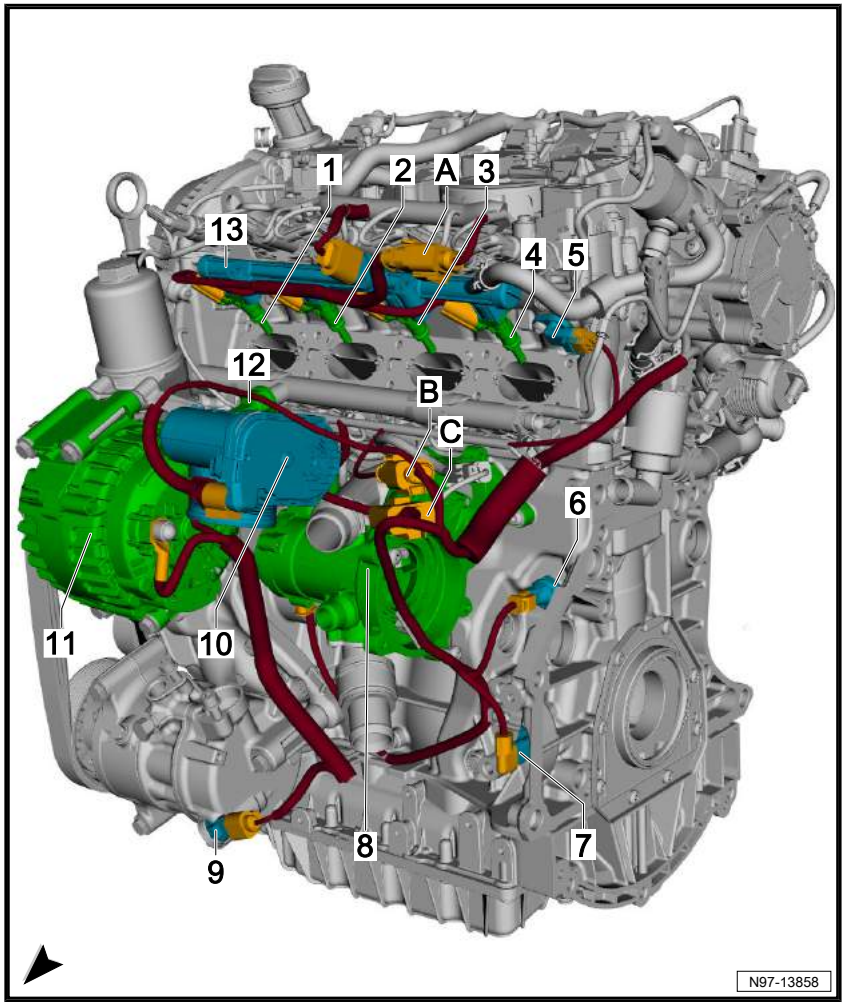
9 - Air conditioner compressor regulating valve -N280-

10 - Throttle valve module -GX3-

11 - Alternator with voltage regulator -CX1-

12 - Fuel pressure sender -G247-

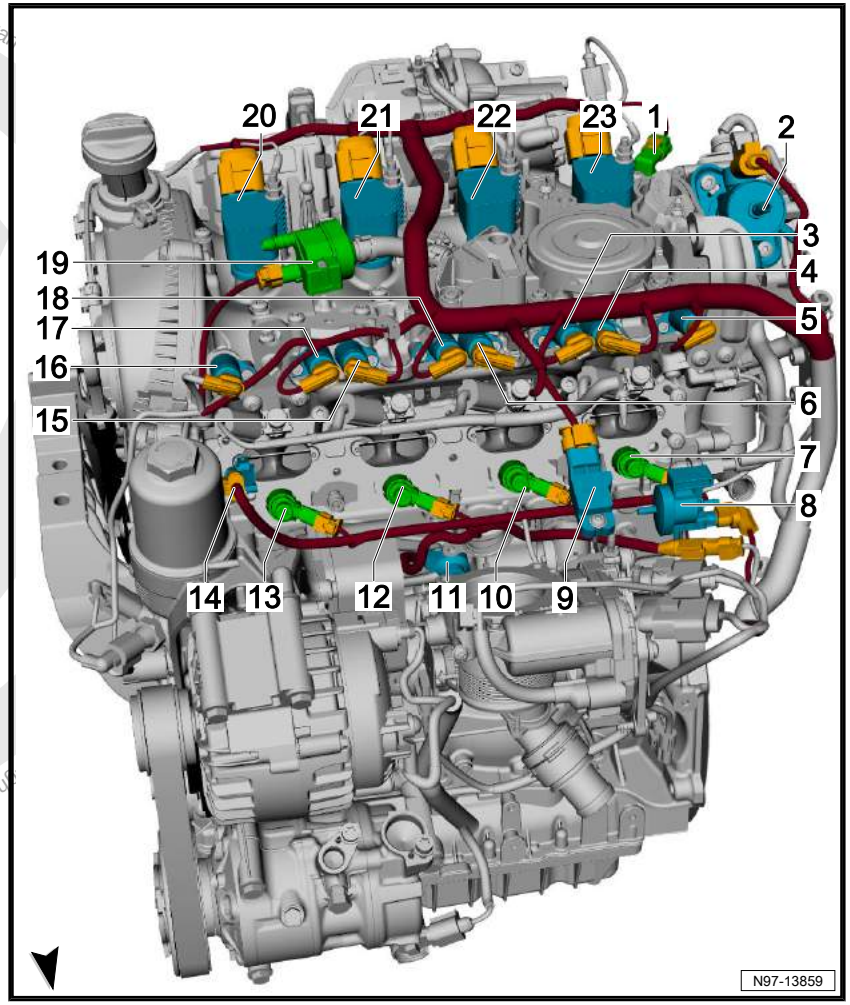
13 - Fuel pressure sender for low-pressure -G410-



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1.5.2 2.0l petrol engine CZPA, from above

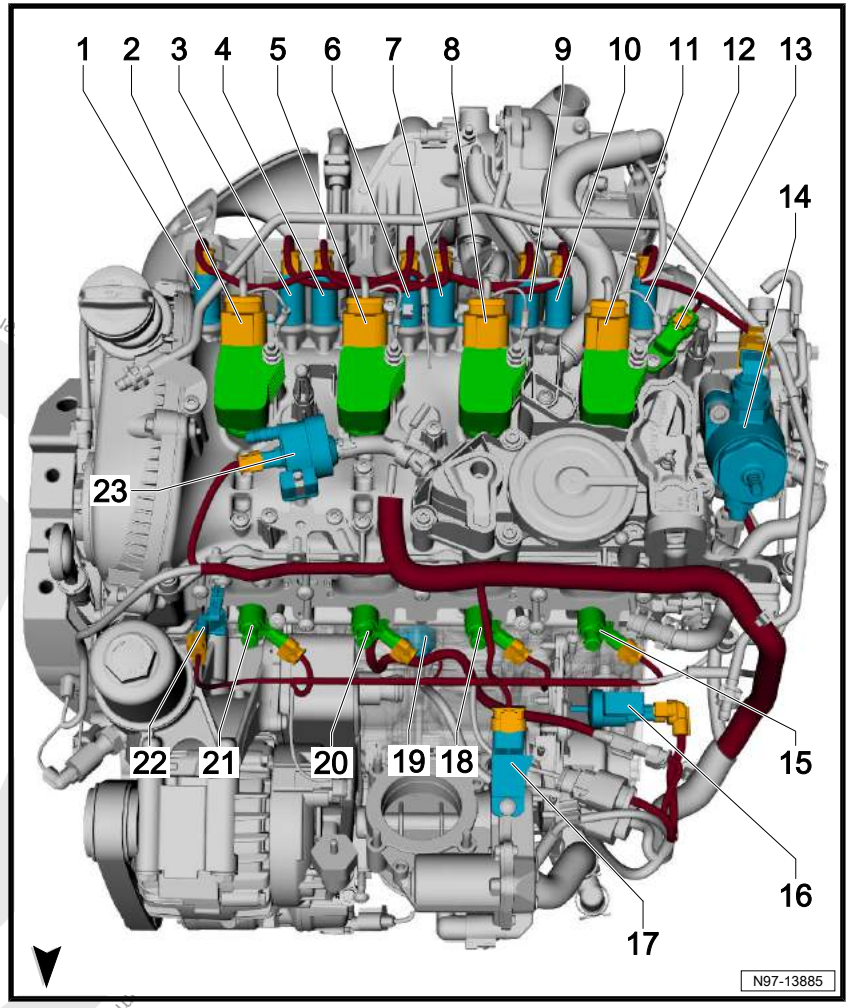
1 - Hall sender 3 -G300-
2 - Fuel pressure regulating valve -N276-
3 - Inlet cam actuator A for cylinder 3 -N592-
4 - Inlet cam actuator A for cylinder 4 -N600-
5 - Inlet cam actuator B for cylinder 4 -N601-
6 - Inlet cam actuator B for cylinder 3 -N593-
7 - Injector, cylinder 4 -N33-
8 - Intake manifold flap valve -N316-
9 - Intake manifold sender -GX9-
10 - Injector, cylinder 3 -N32-
11 - Knock sensor 1 -G61-
12 - Injector, cylinder 2 -N31-
13 - Injector, cylinder 1 -N30-
14 - Intake manifold flap potentiometer -G336-
15 - Inlet cam actuator A for cylinder 2 -N584-
16 - Inlet cam actuator B for cylinder 1 -N577-
17 - Inlet cam actuator A for cylinder 1 -N576-
18 - Inlet cam actuator B for cylinder 2 -N585-
19 - Activated charcoal filter solenoid valve 1 -N80-
20 - Ignition coil 1 with output stage -N70-
21 - Ignition coil 2 with output stage -N127-
22 - Ignition coil 3 with output stage -N291-
23 - Ignition coil 4 with output stage -N292-



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1.5.3 2.0l petrol engine CHHB, from above

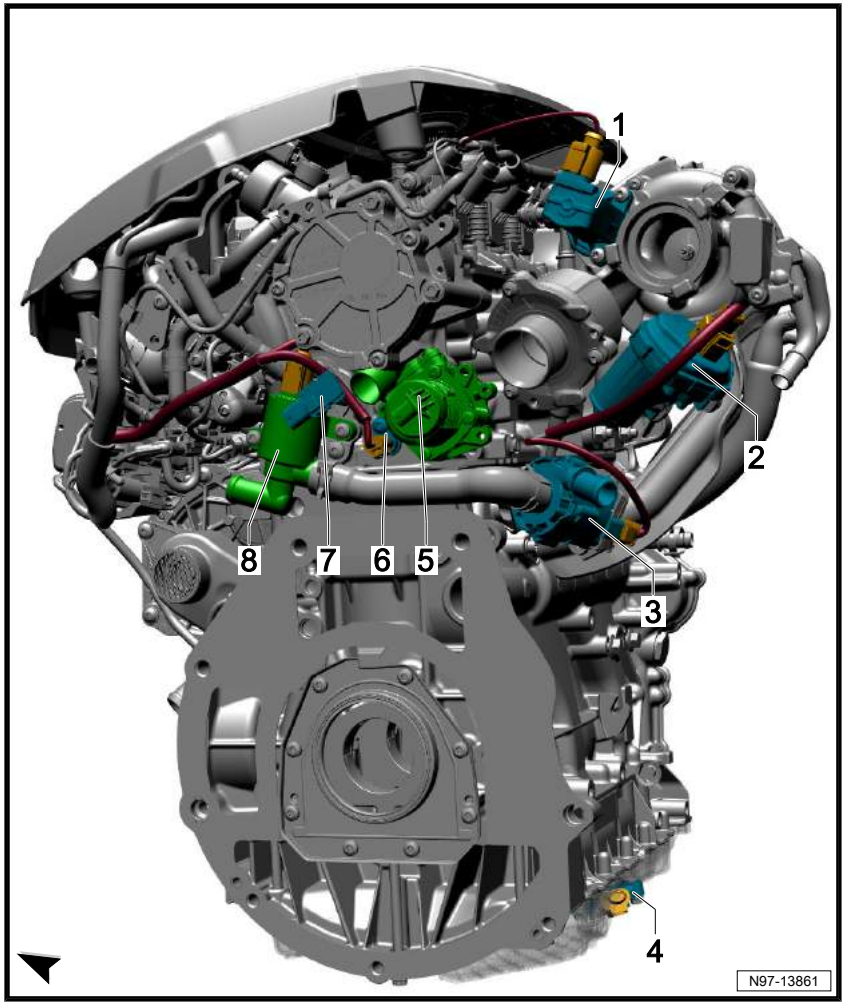
1 - Exhaust cam actuator A for cylinder 1 -N580-
2 - Ignition coil 1 with output stage -N70-
3 - Exhaust cam actuator B for cylinder 1 -N581-
4 - Exhaust cam actuator A for cylinder 2 -N588-
5 - Ignition coil 2 with output stage -N127-
6 - Exhaust cam actuator B for cylinder 2 -N589-
7 - Exhaust cam actuator A for cylinder 3 -N596-
8 - Ignition coil 3 with output stage -N291-
9 - Exhaust cam actuator B for cylinder 3 -N597-
10 - Exhaust cam actuator A for cylinder 4 -N604-
11 - Ignition coil 4 with output stage -N292-
12 - Exhaust cam actuator B for cylinder 4 -N605-
13 - Hall sender 3 -G300-
14 - Fuel pressure regulating valve -N276-
15 - Injector, cylinder 4 -N33-
16 - Intake manifold flap valve -N316-
17 - Intake manifold sender -GX9-
18 - Injector, cylinder 3 -N32-
19 - Knock sensor 1 -G61-
20 - Injector, cylinder 2 -N31-
21 - Injector, cylinder 1 -N30-
22 - Intake manifold flap potentiometer -G336-
23 - Activated charcoal filter solenoid valve 1 -N80-



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1.5.4 2.0l petrol engine CZPA, from left

1 - Turbocharger air recirculation valve -N249-
2 - Charge pressure positioner -V465-
3 - Auxiliary pump for heating -V488-
4 - Oil level and oil temperature sender -G266-
5 - Secondary air inlet valve -N112-
6 - Coolant temperature sender -G62-
7 - Sender 1 for secondary air pressure -G609-
8 - Coolant shut-off valve -N82-



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1.5.5 2.0l petrol engine CHHB, from left

1 - Turbocharger air recirculation valve -N249-

2 - Charge pressure positioner -V465-

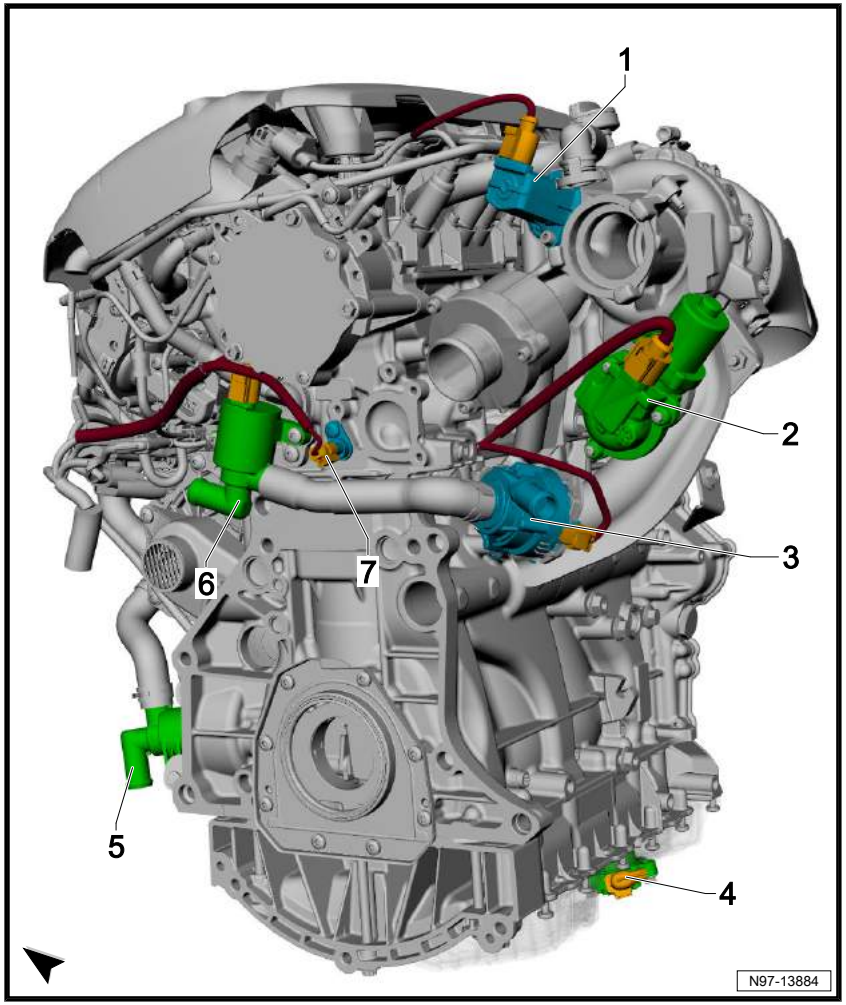
3 - Auxiliary pump for heating -V488-

4 - Oil level and oil temperature sender -G266-

5 - Gearbox oil cooling pump -V478-

6 - Coolant shut-off valve -N82-

7 - Coolant temperature sender -G62-



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1.5.6 2.0l petrol engine CHHB, CZPA, from right

1 - Exhaust camshaft control valve 1 -N318-

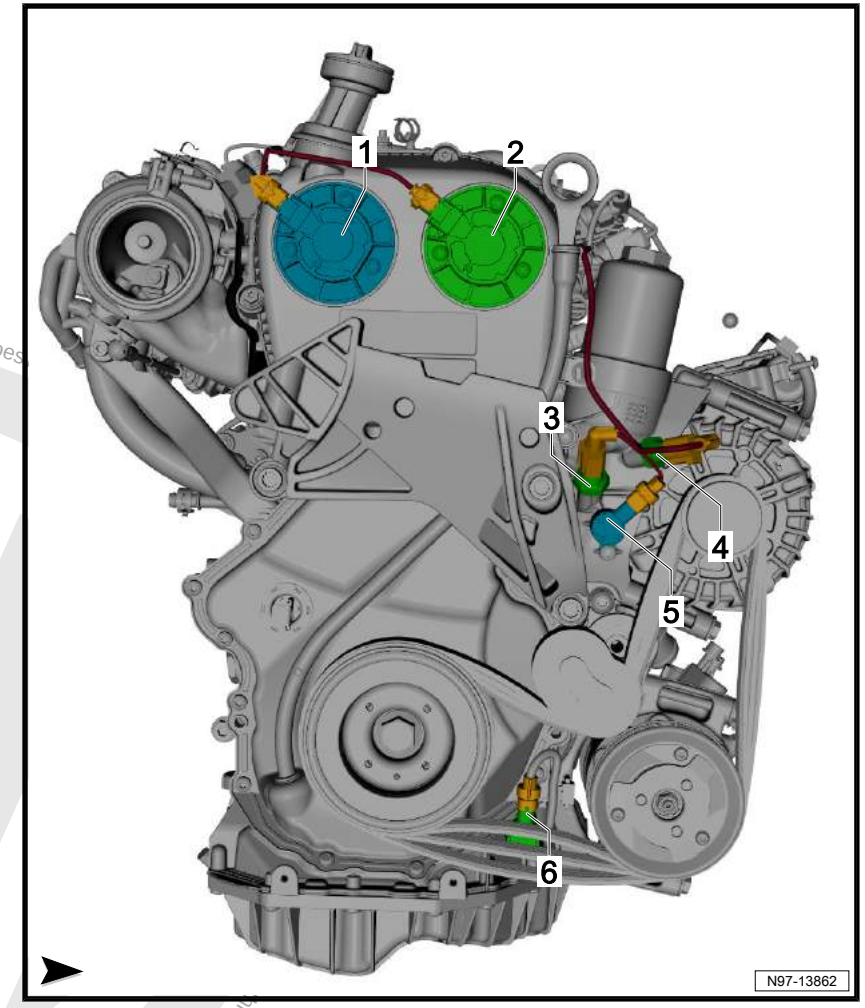
2 - Camshaft control valve 1 -N205-

3 - Oil pressure switch -F1-

4 - Oil pressure switch for reduced oil pressure -F378-

5 - Piston cooling jet control valve -N522-

6 - Oil pressure control valve -N428-

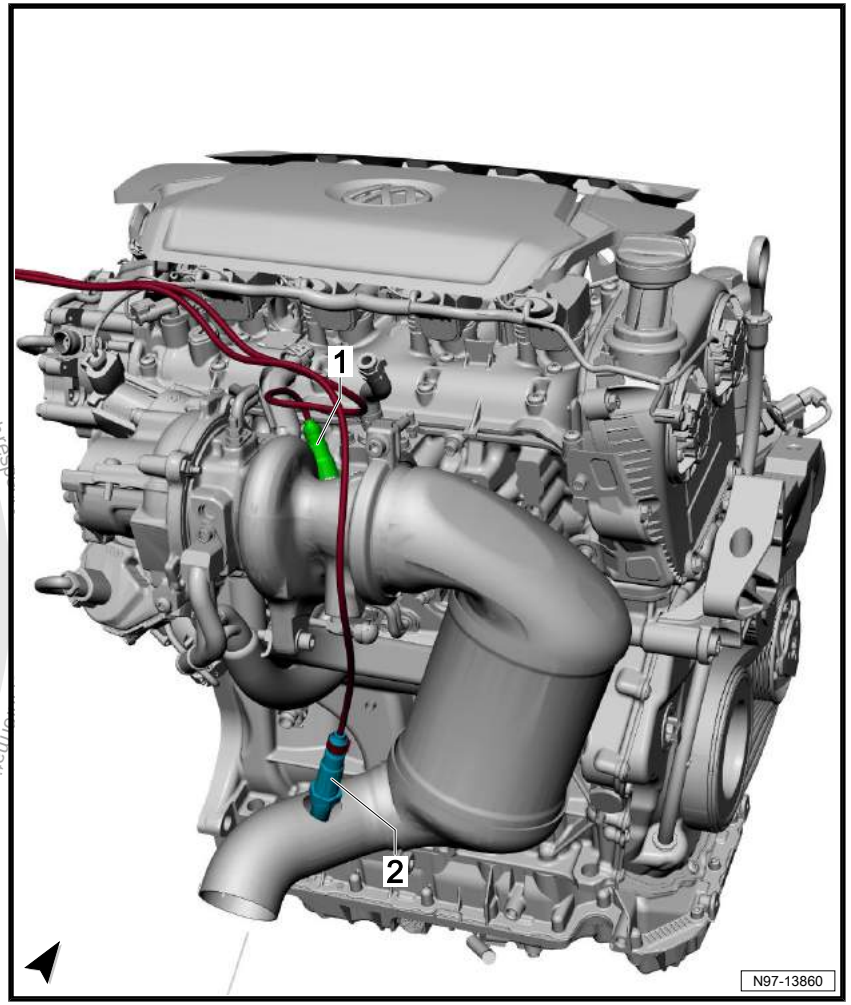


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1.5.7 2.0l petrol engine CHHB, CZPA, from rear

1 - Lambda probe 1 before catalytic converter -GX10-

2 - Lambda probe 1 after catalytic converter -GX7-



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1.6 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA

- ⇒ “1.6.1 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from front”, page 30

- ⇒ “1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above”, page 31
- ⇒ “1.6.3 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from left”, page 32
- ⇒ “1.6.4 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from rear”, page 33

1.6.1 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from front

1 - Oil pressure switch -F1-

2 - Charge air cooling pump -V188-

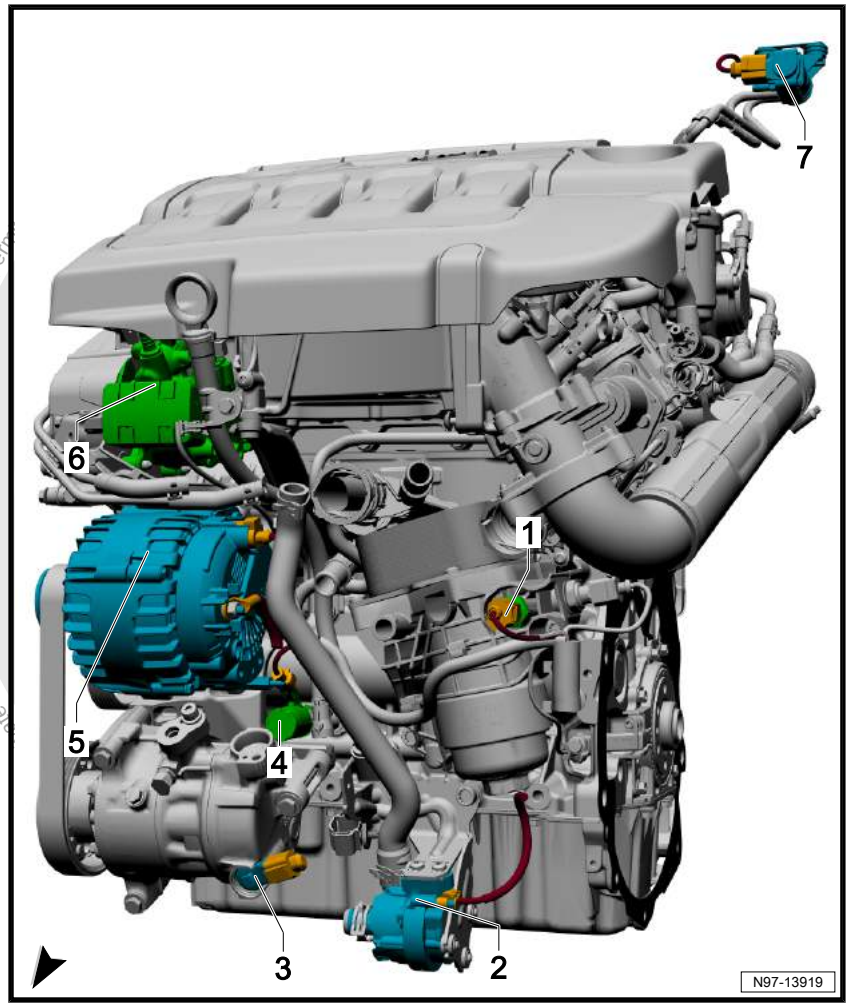
3 - Air conditioner compressor regulating valve -N280-

4 - Oil pressure control valve -N428-

5 - Alternator -C-

6 - Fuel metering valve -N290-

7 - Charge pressure control solenoid valve -N75-

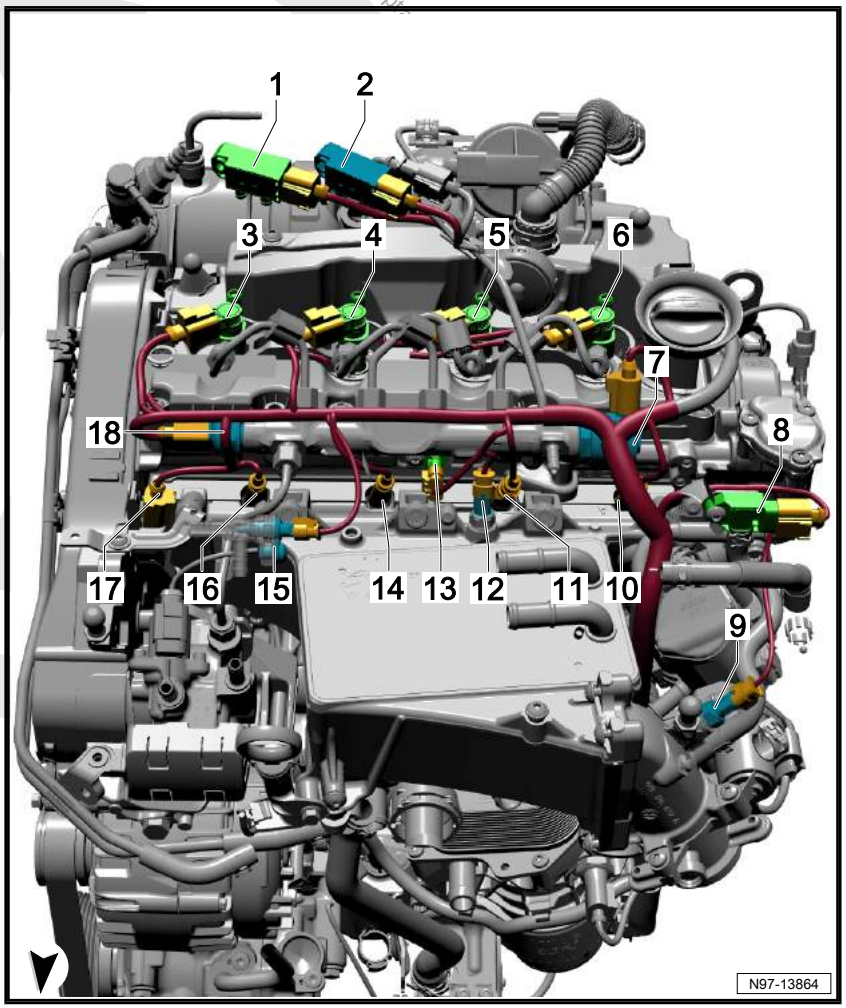


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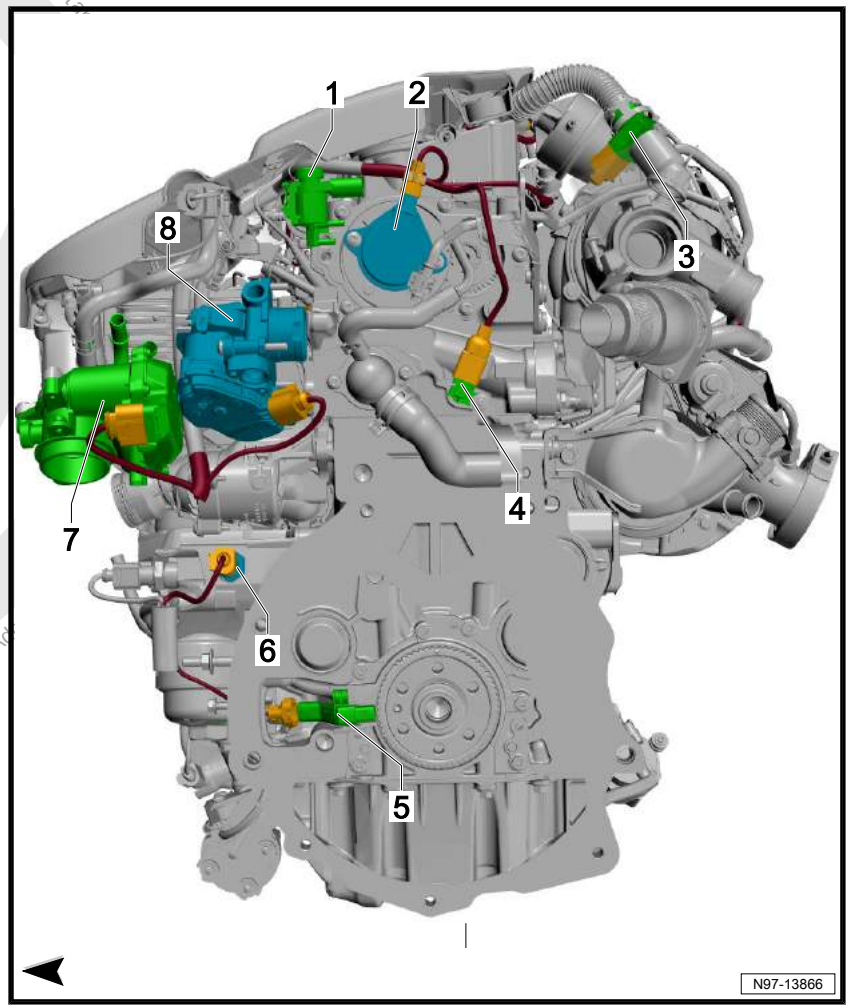
1.6.2 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from above

1 - Pressure differential sender -G505-
2 - Exhaust gas pressure sensor 1 -G450-
3 - Injector, cylinder 1 -N30-
4 - Injector, cylinder 2 -N31-
5 - Injector, cylinder 3 -N32-
6 - Injector, cylinder 4 -N33-
7 - Fuel pressure regulating valve -N276-
8 - Charge pressure sender -G31-
9 - Charge air temperature sender before charge air cooler -G810-
10 - Glow plug 3 -QX3-
11 - Glow plug 4 -Q13-
12 - Charge air temperature sender after charge air cooler -G811-
13 - Hall sender -G40-
14 - Glow plug 2 -Q11-
15 - Fuel temperature sender -G81-
16 - Glow plug 1 -Q10-
17 - Coolant valve for cylinder head -N489-
18 - Fuel pressure sender -G247-



1.6.3 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from left

1 - Exhaust gas recirculation cooler changeover valve -N345-
2 - Camshaft control valve 1 -N205-
3 - Heater element for crankcase breather -N79-
4 - Coolant temperature sender -G62-
5 - Engine speed sender -G28-
6 - Oil pressure switch for reduced oil pressure -F378-
7 - Throttle valve module -GX3-
8 - Exhaust gas recirculation valve 1 -GX5-



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1.6.4 2.0l diesel engine CRFD, CRGA, CYKB, DBGA, DCYA, DCYB, DDMA, DFGA, DFGB, DFGC, DFHA, from rear

A - 3-pin connector -T3aa-

B - 2-pin connector -T2bt-

1 - Position sender for charge pressure positioner -G581-

2 - Injector for reducing agent -N474-

3 - Exhaust gas temperature sender 3 -G495-

4 - Lambda probe 1 before catalytic converter -GX10-

5 - NOx sender -G295-

6 - Exhaust gas temperature sender 2 -G448-

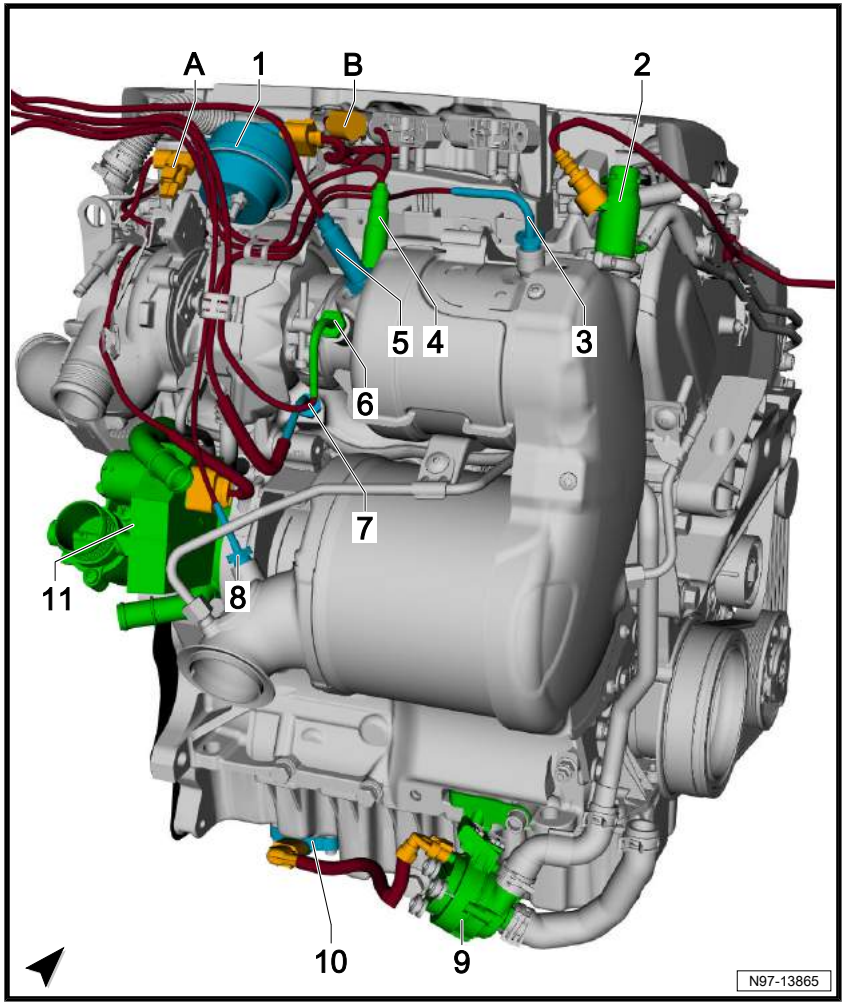
7 - Exhaust gas temperature sender 1 -G235-

8 - Exhaust gas temperature sender 4 -G648-

9 - Auxiliary pump for heating -V488-

10 - Oil level and oil temperature sender -G266-

11 - Exhaust gas recirculation valve 2 -GX6-



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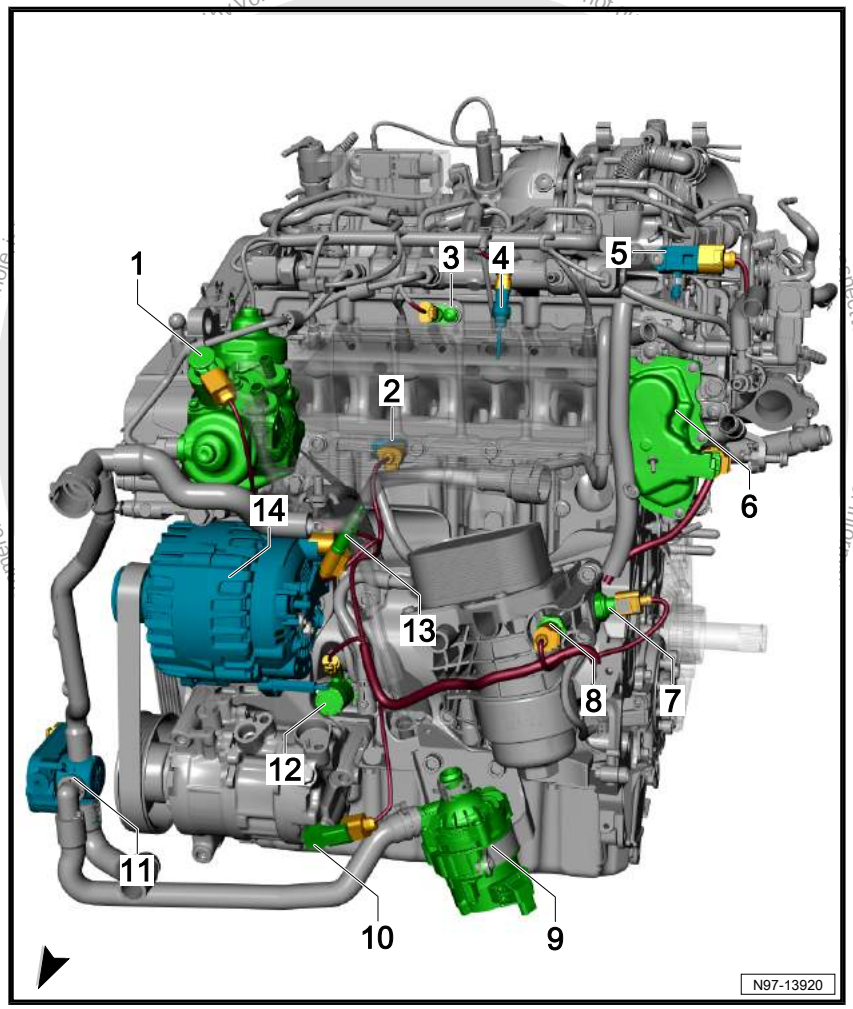
1.7 2.0l bi-turbo diesel engine, CUAA

- ⇒ “1.7.1 2.0l bi-turbo diesel engine, CUAA, from front”, page 34
- ⇒ “1.7.2 2.0l bi-turbo diesel engine, CUAA, from above”, page 35

- ⇒ “1.7.3 2.0l bi-turbo diesel engine, CUAA, from left”, page 36
- ⇒ “1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear”, page 37

1.7.1 2.0l bi-turbo diesel engine, CUAA, from front

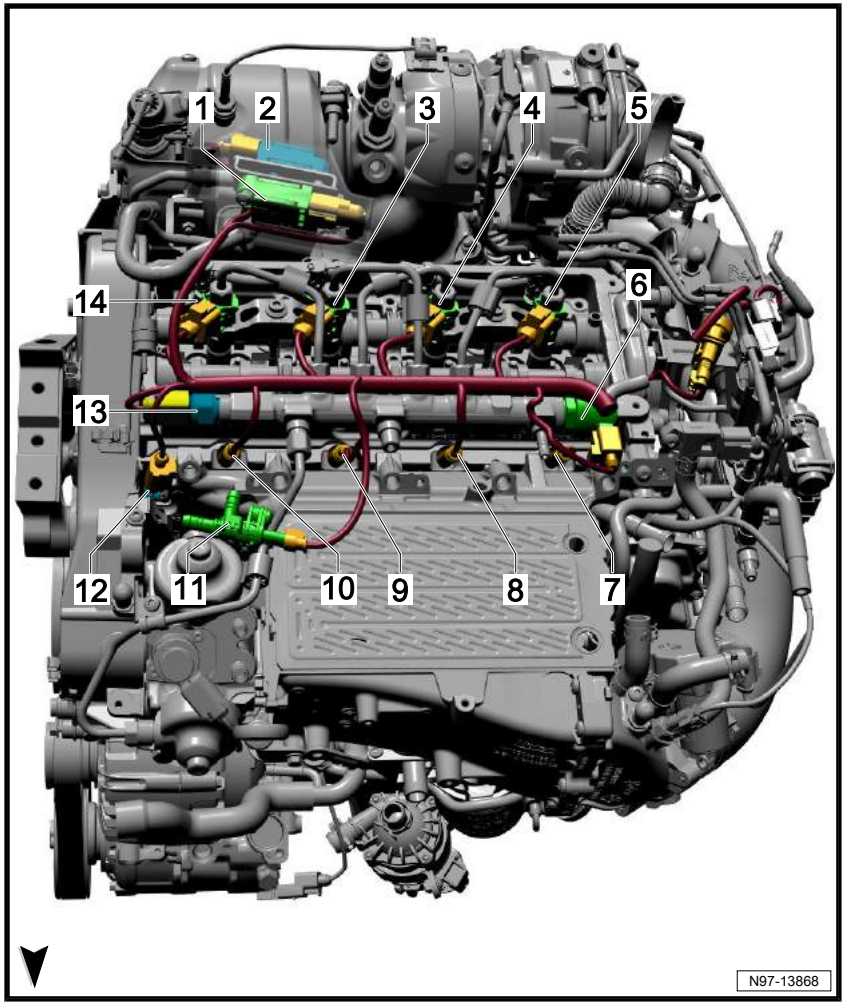
1 - Fuel metering valve -N290-
2 - Coolant temperature sender -G62-
3 - Hall sender -G40-
4 - Charge air temperature sender after charge air cooler -G811-
5 - Charge pressure sender -G31-
6 - Exhaust gas recirculation valve 1 -GX5-
7 - Oil pressure switch for reduced oil pressure -F378-
8 - Oil pressure switch -F1-
9 - Charge air cooling pump -V188-
10 - Air conditioner compressor regulating valve -N280-
11 - Actuator for engine temperature regulation -N493-
12 - Oil pressure control valve -N428-
13 - Coolant temperature sender 2 -G802-
14 - Alternator -C-



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1.7.2 2.0l bi-turbo diesel engine, CUAA, from above

1 - Exhaust gas pressure sensor 1 -G450-
2 - Pressure differential sender -G505-
3 - Injector, cylinder 2 -N31-
4 - Injector, cylinder 3 -N32-
5 - Injector, cylinder 4 -N33-
6 - Fuel pressure regulating valve -N276-
7 - Glow plug 4 -Q13-
8 - Glow plug 3 -QX3-
9 - Glow plug 2 -Q11-
10 - Glow plug 1 -Q10-
11 - Fuel temperature sender -G81-
12 - Coolant valve for cylinder head -N489-
13 - Fuel pressure sender -G247-
14 - Injector, cylinder 1 -N30-



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1

1.7.3 2.0l bi-turbo diesel engine, CUAA, from left

1 - Charge pressure control solenoid valve -N75-

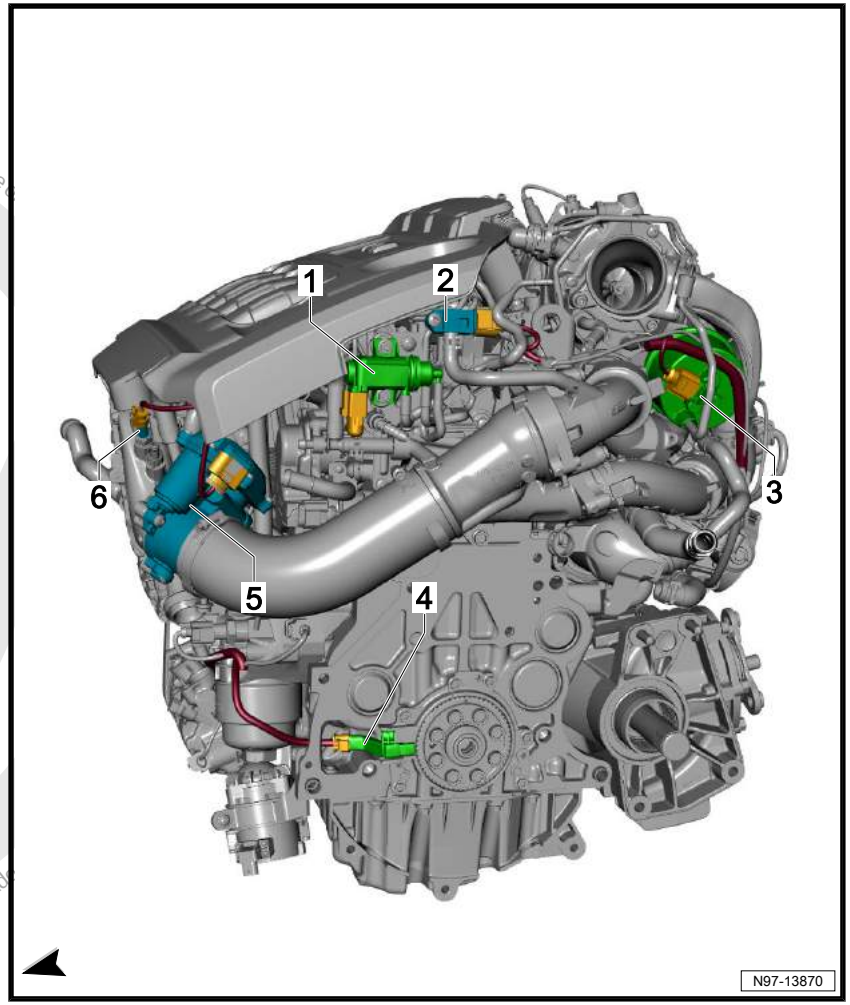
2 - Charge pressure sender 2 -G447-

3 - Regulating flap potentiometer -G584-

4 - Engine speed sender -G28-

5 - Throttle valve module -GX3-

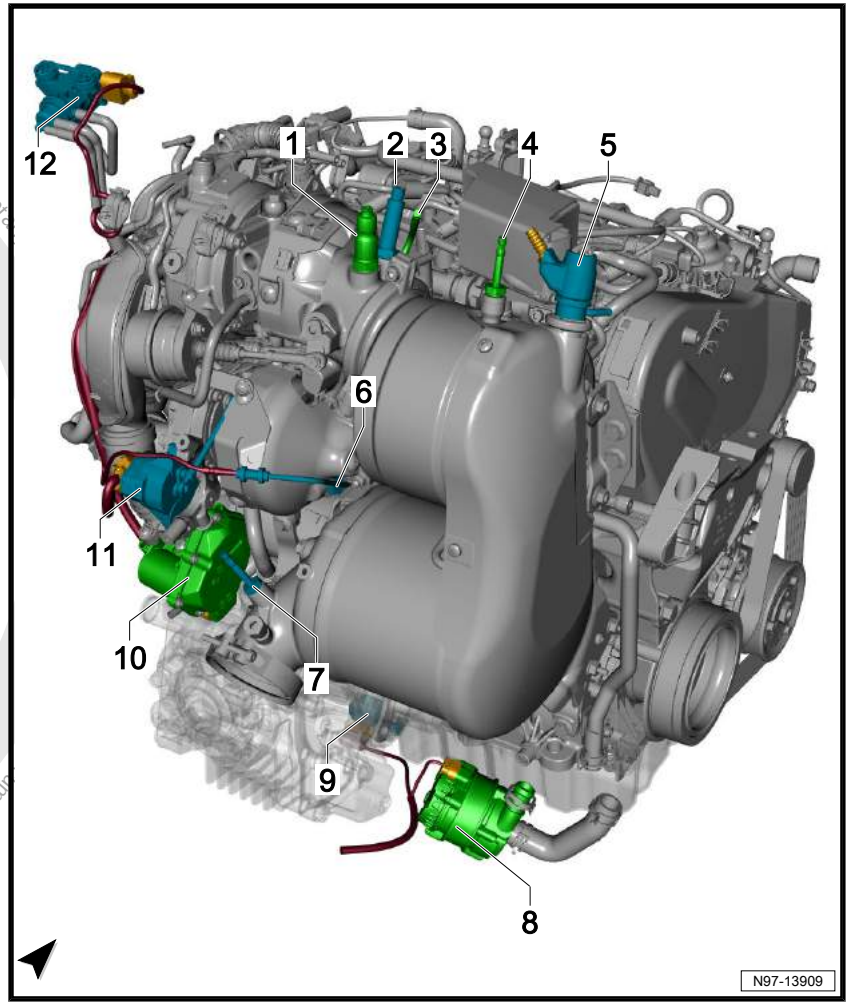
6 - Charge air temperature sender before charge air cooler -G810-



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1.7.4 2.0l bi-turbo diesel engine, CUAA, from rear

1 - Lambda probe 1 before catalytic converter -GX10-
2 - NOx sender -G295-
3 - Exhaust gas temperature sender 2 -G448-
4 - Exhaust gas temperature sender 3 -G495-
5 - Injector for reducing agent -N474-
6 - Exhaust gas temperature sender 1 -G235-
7 - Exhaust gas temperature sender 4 -G648-
8 - Auxiliary pump for heating -V488-
9 - Oil level and oil temperature sender -G266-
10 - Exhaust gas recirculation valve 2 -GX6-
11 - Turbocharger 1 control unit -J724-
12 - Turbine changeover valve -N529-



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1.8 Manual gearbox

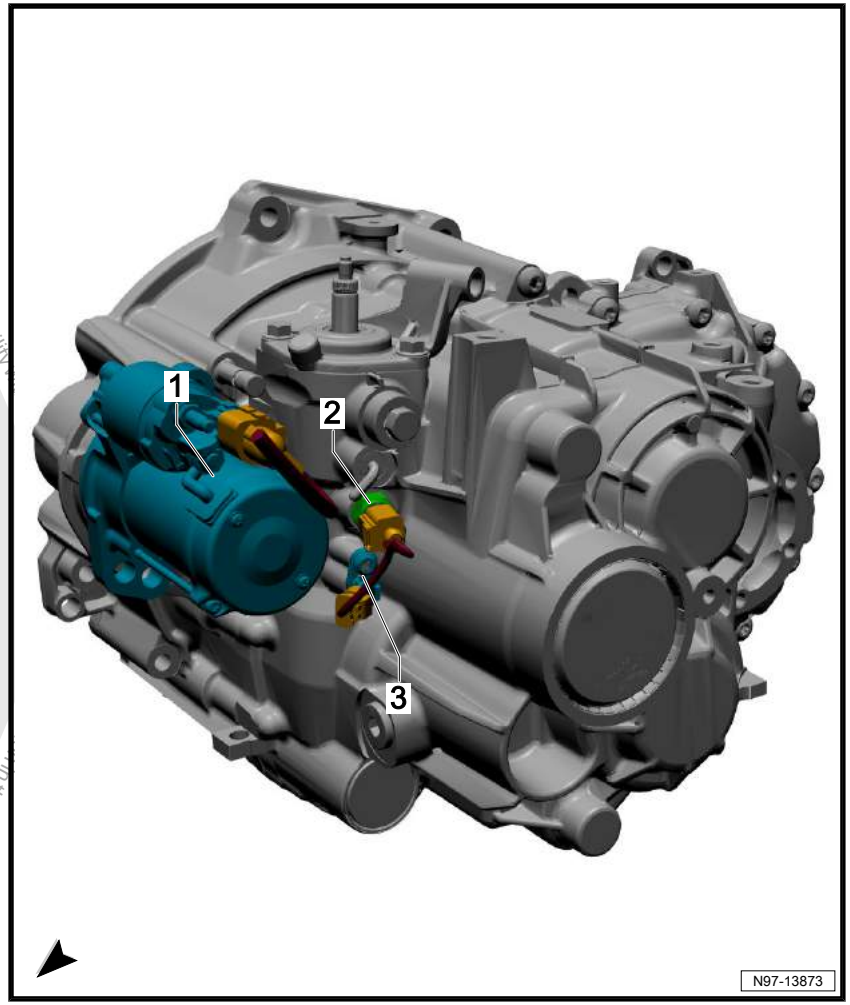
- ⇒ "1.8.1 Manual gearbox, 02Q, 0BB", page 38
- ⇒ "1.8.2 Manual gearbox, 0A6", page 39

1.8.1 Manual gearbox, 02Q, 0BB

1 - Starter -B-

2 - Reversing light switch -F4-

3 - Gearbox neutral position sender -G701-



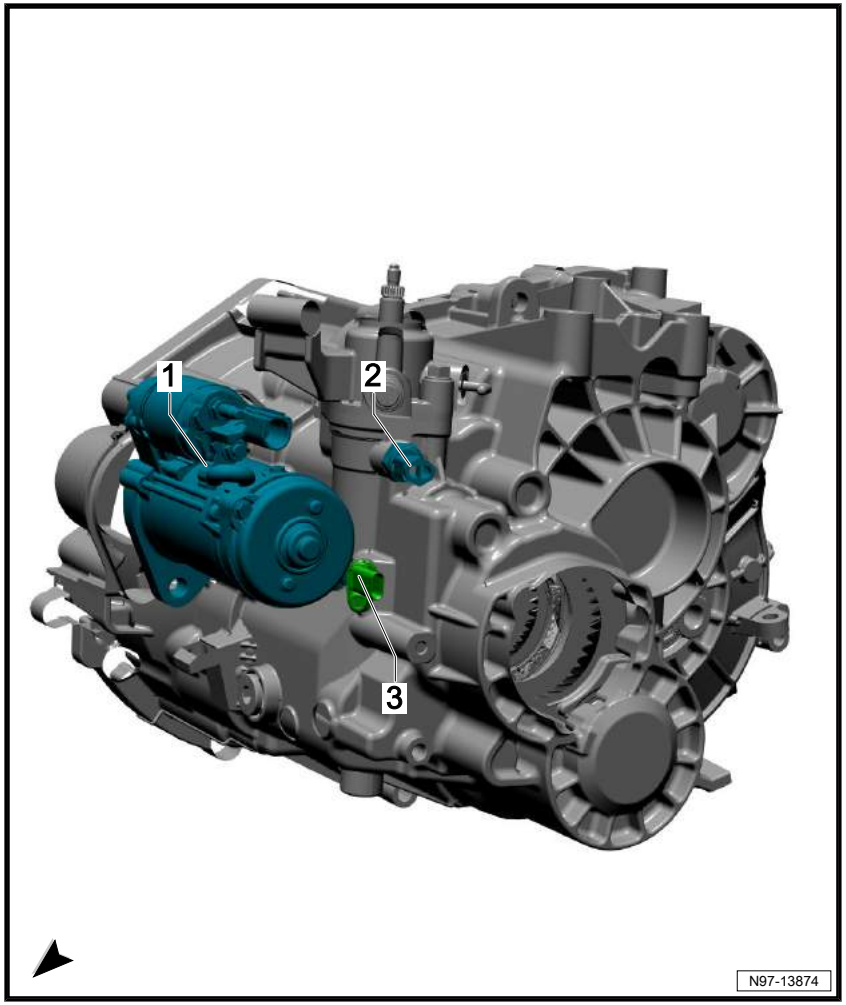
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1.8.2 Manual gearbox, 0A6

1 - Starter -B-

2 - Reversing light switch -F4-

3 - Gearbox neutral position sender -G701-



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1.9 Dual clutch gearbox

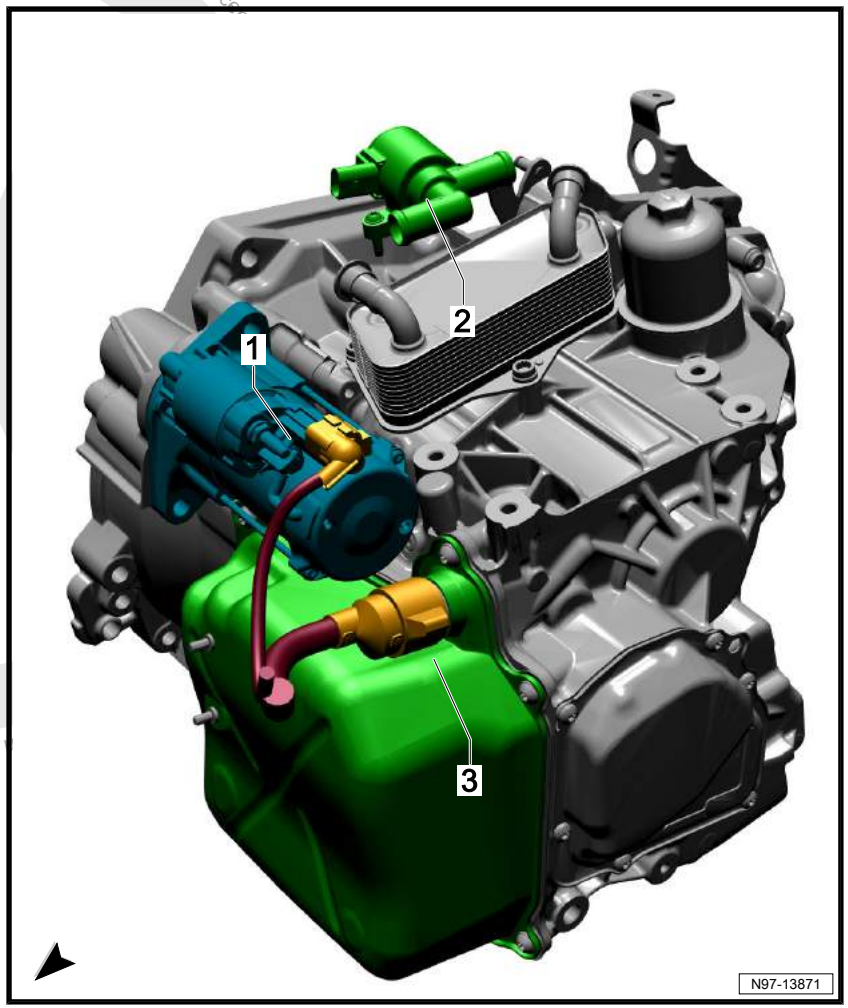
- ⇒ “1.9.1 Dual clutch gearbox 0D9”, page 40
- ⇒ “1.9.2 Dual clutch gearbox 0DL”, page 41

1.9.1 Dual clutch gearbox, 0D9

1 - Starter -B-

2 - Coolant valve for gearbox -N488-

3 - Mechatronic unit for dual clutch gearbox -J743-

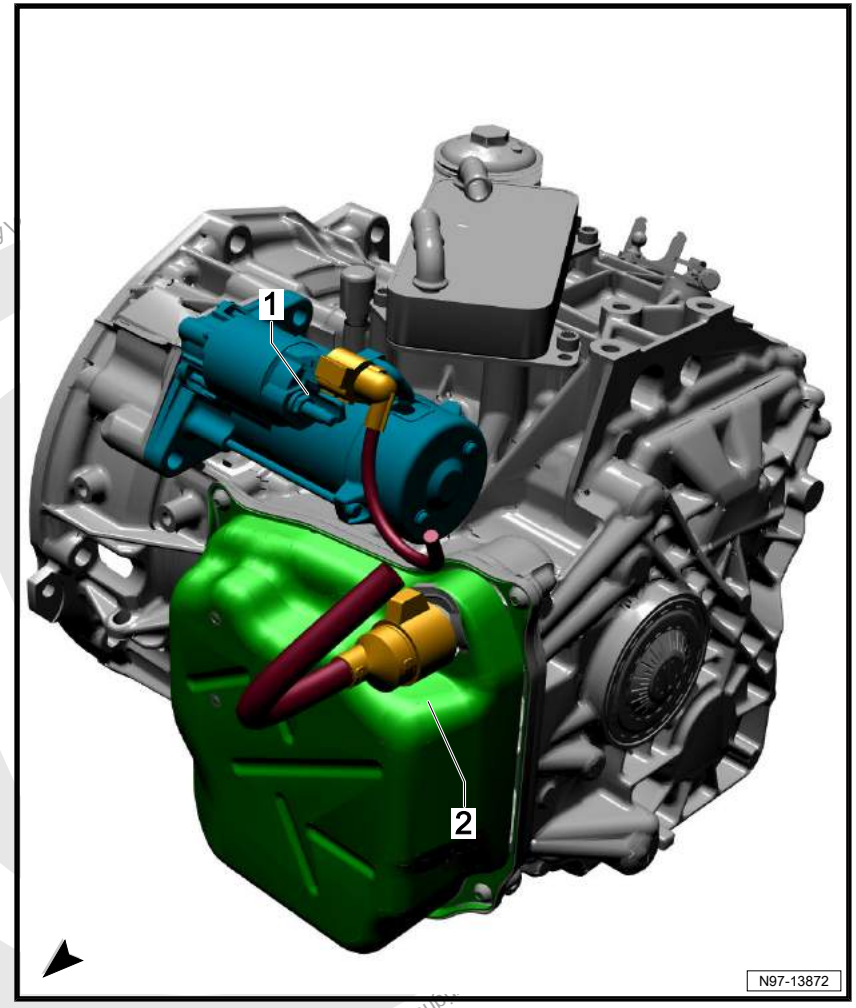


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1.9.2 Dual clutch gearbox, 0DL

1 - Starter -B-

2 - Mechatronic unit for dual clutch gearbox -J743-



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1 Fitting locations: middle part of vehicle

- ⇒ “1.1 Heater and air conditioning unit”, page 1
- ⇒ "1.2 Roof", page 5
- ⇒ “1.3 Doors”, page 8
- ⇒ “1.4 Seats”, page 16
- ⇒ ”1.5 Steering wheel and steering column”, page 22
- ⇒ “1.6 At front of interior”, page 24
- ⇒ “1.7 At rear of interior”, page 30

1.1 Heater and air conditioning unit

- ⇒ “1.1.1 Air conditioning system, @KH6, part 1”, page 1
- ⇒ “1.1.2 Air conditioning system, @KH6, part 2”, page 3
- ⇒ “1.1.3 Climatronic, @KH7, part 1”, page 4
- ⇒ “1.1.4 Climatronic, @KH7, part 2”, page 5

1.1.1 Air conditioning system, @KH6, part 1

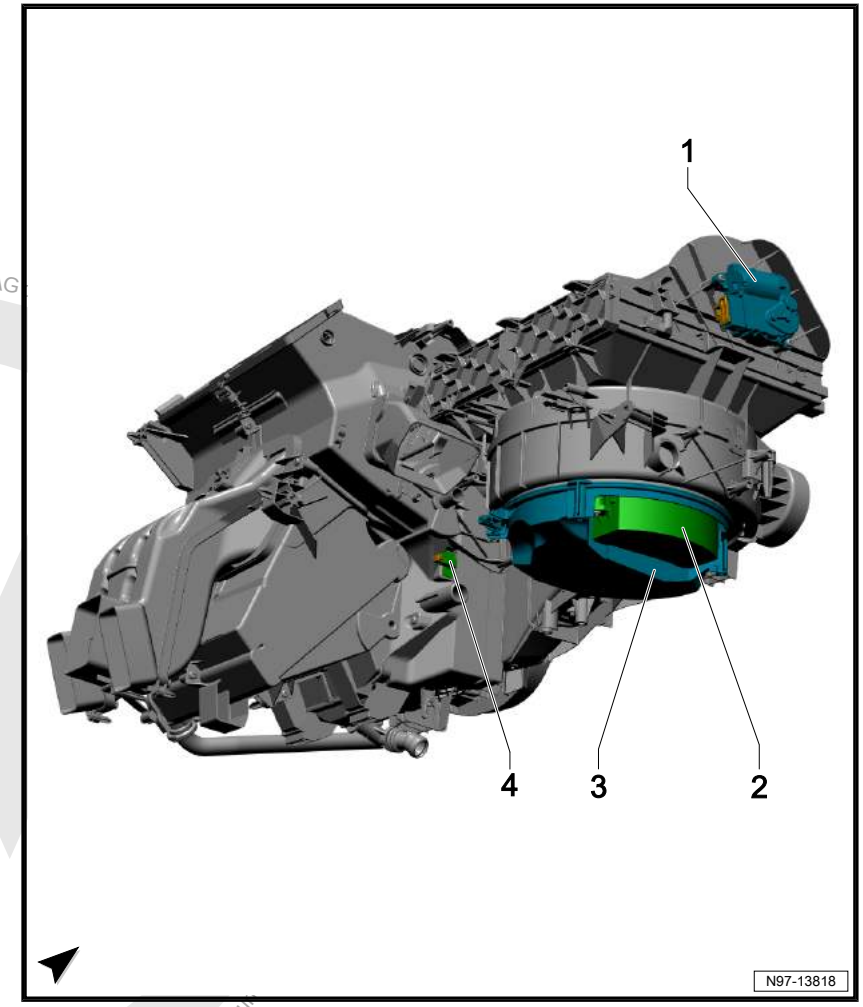
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1 - Air recirculation flap control motor -V113-

2 - Fresh air blower control unit -J126-

3 - Fresh air blower -V2-

4 - Evaporator temperature sensor -G308-



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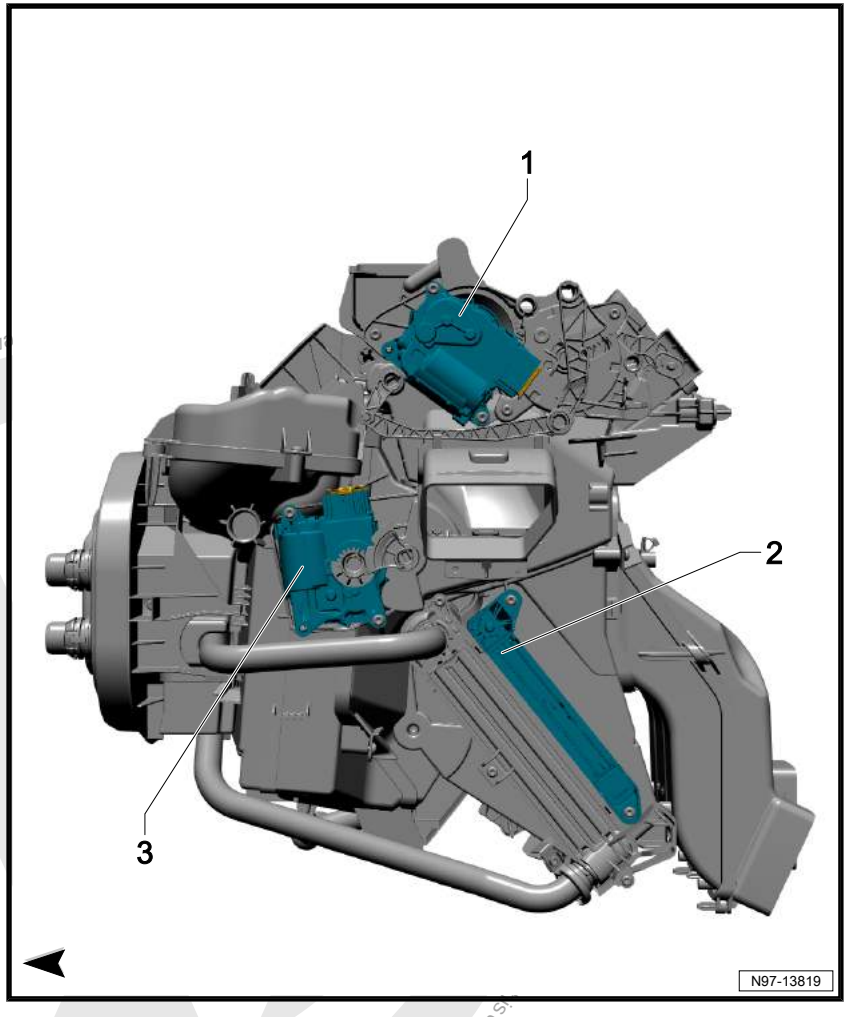
1.1.2 Air conditioning system, @KH6, part 2

1 - Air distribution flap -VX33-

2 - Auxiliary air heater control unit -J604-

- ❑ Fitting location in interior ⇒ item 8 (page 28)

3 - Temperature flap -VX27-



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1.1.3 Climatronic, @KH7, part 1

1 - Defroster flap -VX47-

2 - Air recirculation flap -VX52-

3 - Fresh air blower control unit -J126-

- ❑ Only models with Climatronic
- ❑ Fitting location for models with air conditioning system ⇒ item 2 (page 2)

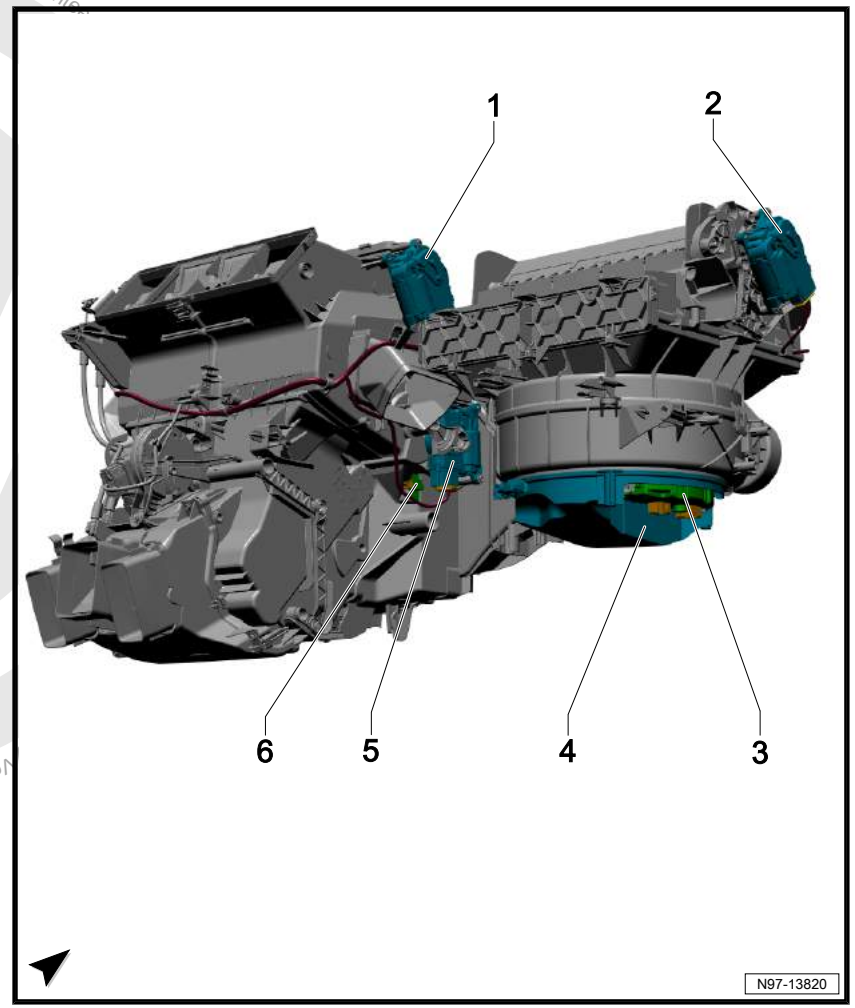
4 - Fresh air blower -V2-

- ❑ Only models with Climatronic
- ❑ Fitting location for models with air conditioning system ⇒ item 3 (page 2)

5 - Front right temperature flap -VX35-

6 - Evaporator temperature sensor -G308-

- ❑ Only models with Climatronic
- ❑ Fitting location for models with air conditioning system ⇒ item 4 (page 2)



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1.1.4 Climatronic, @KH7, part 2

1 - Air distribution flap -VX33-

- ❑ Only models with Climatronic
- ❑ Fitting location for models with air conditioning system ⇒ item 1 (page 3)

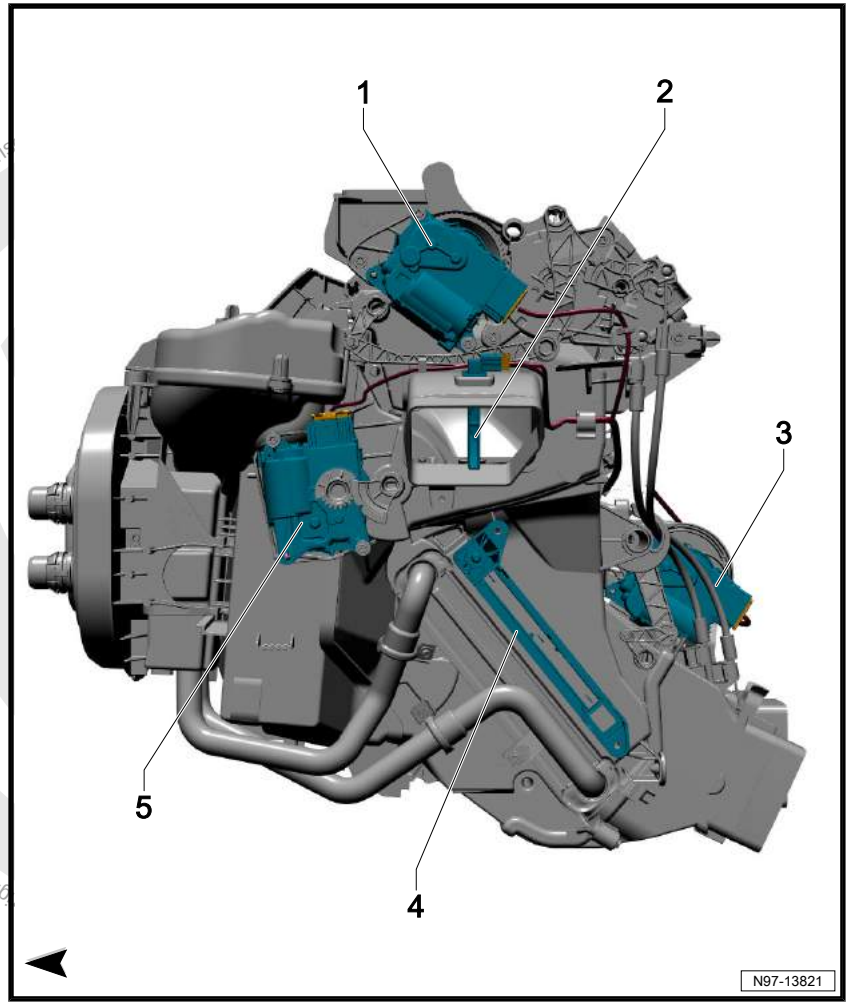
2 - Footwell vent temperature sender -G192-

3 - Rear temperature flap control motor -V137-

4 - Auxiliary air heater control unit -J604-

- ❑ Only models with Climatronic
- ❑ Fitting location for models with air conditioning system ⇒ item 2 (page 3)
- ❑ Fitting location in interior ⇒ item 8 (page 28)

5 - Front left temperature flap -VX34-



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1.2 Roof

- ⇒ "1.2.1 Roof, part 1", page 6
- ⇒ "1.2.2 Roof, part 2", page 7

◆ ⇒ “1.2.3 Roof, sliding/tilting sunroof, @3FJ,”, page 8

1.2.1 Roof, part 1

A - 16-pin connector -T16e- , brown/
16-pin connector -T16g- , brown

1 - Driver side illuminated vanity mirror -W20-
- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 9 (page 6)

1 - Front passenger side illuminated vanity mirror -W14-
- ❑ Only right-hand drive models

2 - Driver side vanity mirror contact switch -F147-
- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 8 (page 6)

2 - Front passenger side vanity mirror contact switch -F148-
- ❑ Only right-hand drive models

3 - Telephone microphone -R38-

4 - Front camera for driver assist systems -R242-

5 - Windscreen heater for front sensors -Z113-

6 - Rain and light sensor -G397-

7 - Interior mirror -EX5-

8 - Front passenger side vanity mirror contact switch -F148-
- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 2 (page 6)

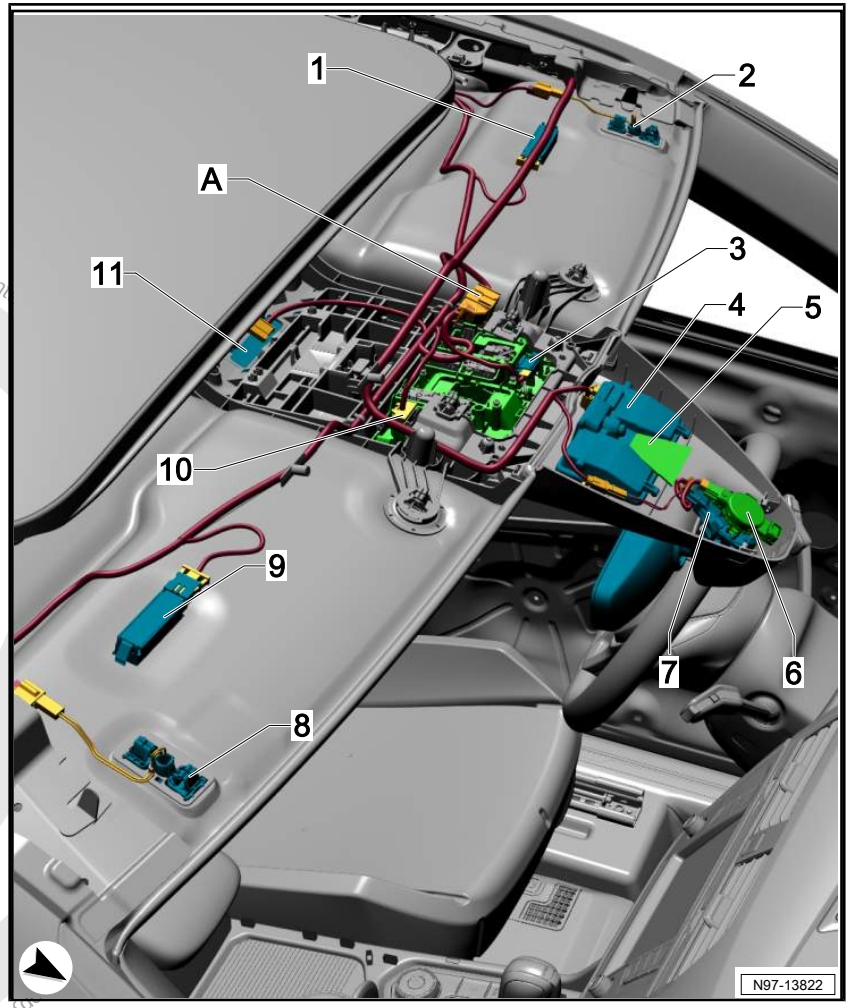
8 - Driver side vanity mirror contact switch -F147-
- ❑ Only right-hand drive models

9 - Front passenger side illuminated vanity mirror -W14-
- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 1 (page 6)

9 - Driver side illuminated vanity mirror -W20-
- ❑ Only right-hand drive models

10 - Front interior light -WX1-

11 - Operating unit for preparation for mobile telephone -E508-



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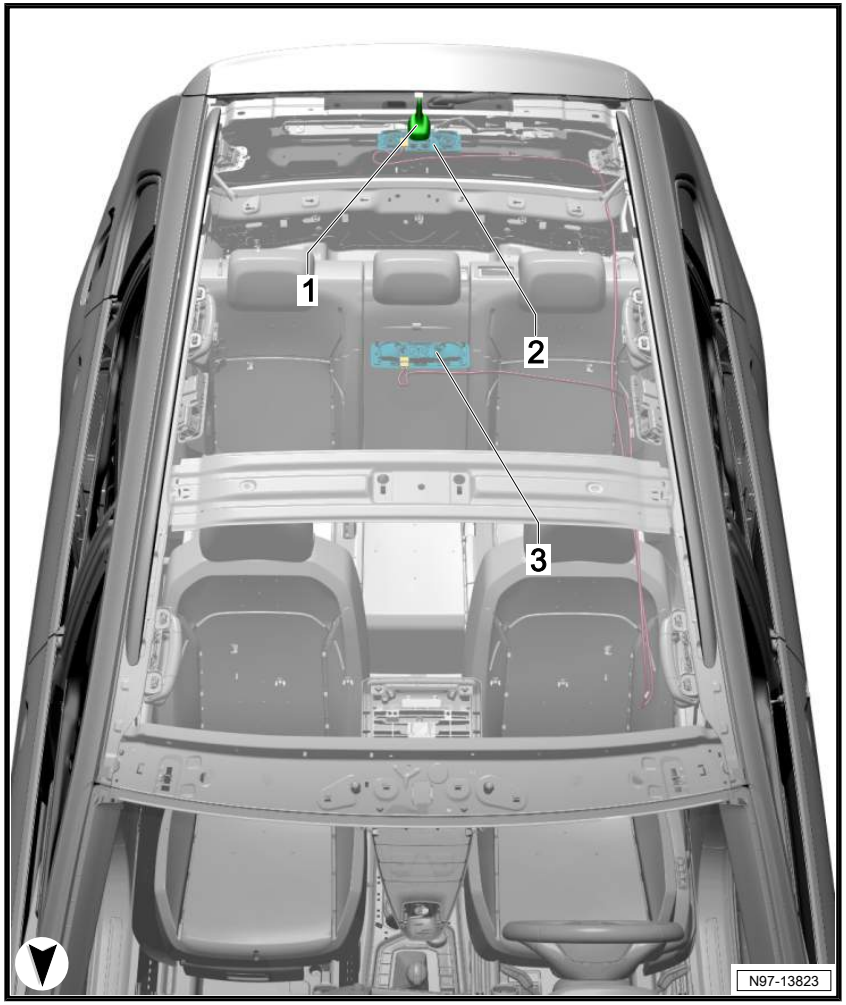
1.2.2 Roof, part 2

1 - Roof aerial -RX5-

2 - Rear interior light -WX2-

**3 - Rear left interior light -W47- /
rear right interior light -W48-**

- ❑ Only models with no sliding/tilting sunroof
- ❑ Fitting location of rear left interior light -W47- for vehicles with sliding/tilting sunroof ⇒ item 3 (page 8)
- ❑ Fitting location of rear right interior light -W48- for vehicles with sliding/tilting sunroof ⇒ item 9 (page 8)



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1.2.3 Roof, sliding/tilting sunroof, @3FJ,

A - 6-pin connector -T6x- , black/
6-pin connector -T6bc- , black

1 - Sliding sunroof adjustment control unit -J245-

2 - Sunroof roller blind motor -V260-

3 - Rear left interior light -W47-

4 - Light 1 for roof contour lighting -L235-

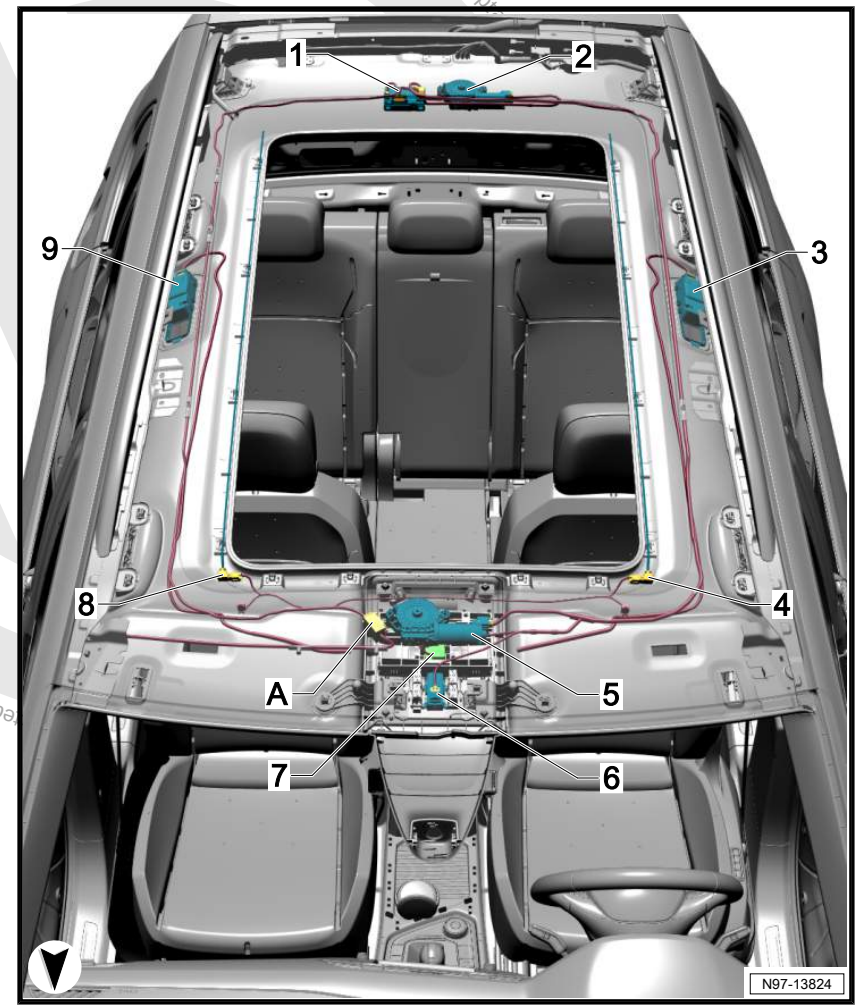
5 - Sliding sunroof motor -V1-

6 - Sunroof button -E325-

7 - Button 1 for roof roller blind -E584-

8 - Light 2 for roof contour lighting -L236-

9 - Rear right interior light -W48-



1.3 Doors

- ⇒ “1.3.1 Driver door, left-hand drive models”, page 9
- ⇒ “1.3.2 Driver door, right-hand drive models”, page 11

- ⇒ “1.3.3 Front passenger door, left-hand drive models”, page 12
- ⇒ “1.3.4 Front passenger door, right-hand drive models”, page 14
- ⇒ "1.3.5 Rear left door", page 15
- ⇒ "1.3.6 Rear right door", page 16

1.3.1 Driver door, left-hand drive models

A - 4-pin connector -T4cj- , black/ 4-pin connector -T4cx- , black

- ❑
- ❑ Fitting location for models with right-hand drive ⇒ item C (page 11)

B - 27-pin connector -T27c- , black

- ❑ Only models with no overhead view camera
- ❑ Fitting location for models with right-hand drive ⇒ item A (page 14)

B - 29-pin connector -T29c- , white

- ❑ Only models with overhead view camera
- ❑ Fitting location for models with right-hand drive ⇒ item A (page 14)

C - 4-pin connector -T4ci- , black/ 4-pin connector -T4bu- , black

- ❑ Only models with entry and start authorisation
- ❑ Fitting location for models with right-hand drive ⇒ item C (page 14)

D - Not installed

1 - Central locking SAFELOCK function warning lamp -K133-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 7 (page 11)

2 - Light for driver door ambient lighting -W86-

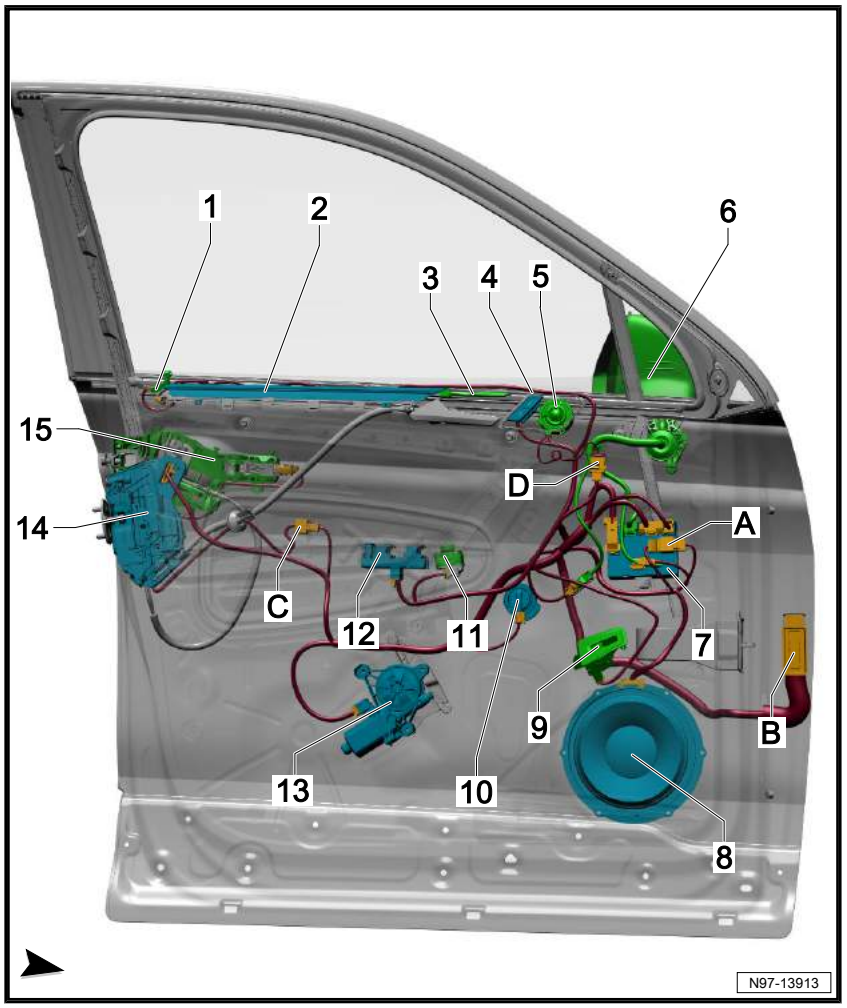
- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 5 (page 11)

3 - Light for driver side interior door handle illumination -L219-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 4 (page 11)

4 - Driver side interior locking button for central locking system -E308-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 3 (page 11)



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5 - Front left treble loudspeaker -R20-

- ❑ Only left-hand drive models
- ❑ Fitting location in front passenger door for models with right-hand drive ⇒ item 3 (page 14)

6 - Driver side exterior mirror -VX4-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 1 (page 11)

7 - Driver door control unit -J386-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 15 (page 11)

8 - Front left bass loudspeaker -R21-

- ❑ Only left-hand drive models
- ❑ Fitting location in front passenger door for models with right-hand drive ⇒ item 6 (page 14)

9 - Rear lid remote release button -E233-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 13 (page 11)

10 - Side airbag crash sensor on driver side -G179-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 12 (page 11)

11 - Exterior mirror adjuster -EX11-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 10 (page 11)

12 - Operating unit for driver door window regulator -EX36-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 9 (page 11)

13 - Driver side window regulator motor -V147-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 11 (page 11)

14 - Driver door lock unit -VX21-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 8 (page 11)

15 - Driver exterior door handle -EX6-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 6 (page 11)

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1.3.2 Driver door, right-hand drive models

A - 4-pin connector -T4cn- , black/ 4-pin connector -T4bv- , black
- ❑ Only models with entry and start authorisation

B - 27-pin connector -T27d- , black
- ❑ Only models with no overhead view camera

B - 29-pin connector -T29d- , white
- ❑ Only models with overhead view camera

C - 4-pin connector -T4dx- , black/
4-pin connector -T4cz- , black

D - Not installed

1 - Driver side exterior mirror -VX4-

2 - Front right treble loudspeaker -R22-

3 - Driver side interior locking button for central locking system -E308-

4 - Light for driver side interior door handle illumination -L219-

5 - Light for driver door ambient lighting -W86-

6 - Driver exterior door handle -EX6-

7 - Central locking SAFELOCK function warning lamp -K133-

8 - Driver door lock unit -VX21-

9 - Operating unit for driver door window regulator -EX36-

10 - Exterior mirror adjuster -EX11-

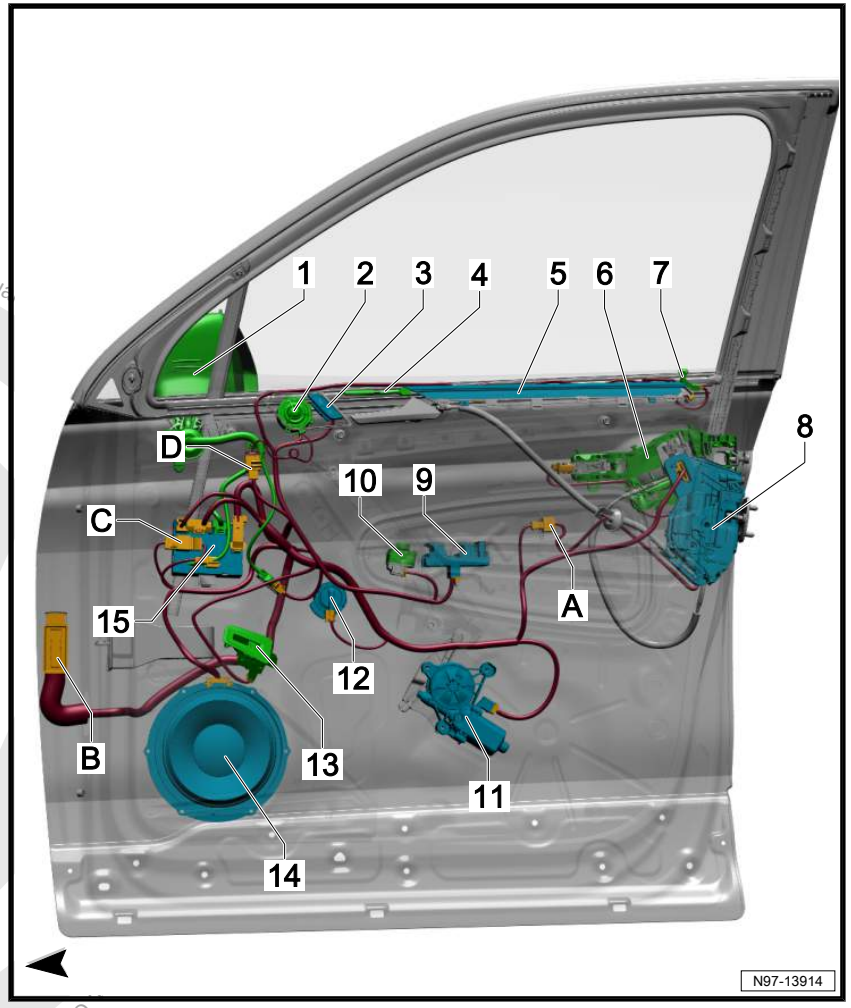
11 - Driver side window regulator motor -V147-

12 - Side airbag crash sensor on driver side -G179-

13 - Rear lid remote release button -E233-

14 - Front right bass loudspeaker -R23-

15 - Driver door control unit -J386-



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1.3.3 Front passenger door, left-hand drive models

A - 4-pin connector -T4cn- , black/
4-pin connector -T4bv- , black

- Only models with entry and start authorisation
- Fitting location for models with right-hand drive ⇒ item A (page 11)

B - 4-pin connector -T4cq- , black/
4-pin connector -T4by- , black

C - 27-pin connector -T27d- , black

- Only models with no overhead view camera
- Fitting location for models with right-hand drive ⇒ item B (page 11)

C - 29-pin connector -T29d- , white

- Only models with overhead view camera
- Fitting location for models with right-hand drive ⇒ item B (page 11)

1 - Passenger side exterior mirror -VX5-

- Only left-hand drive models
- Fitting location for models with right-hand drive ⇒ item 4 (page 14)

2 - Front right treble loudspeaker -R22-

- Only left-hand drive models
- Fitting location for models with right-hand drive ⇒ item 2 (page 11)

3 - Light for front passenger side interior door handle illumination -L220-

- Only left-hand drive models
- Fitting location for models with right-hand drive ⇒ item 2 (page 14)

4 - Light for passenger door ambient lighting -W87-

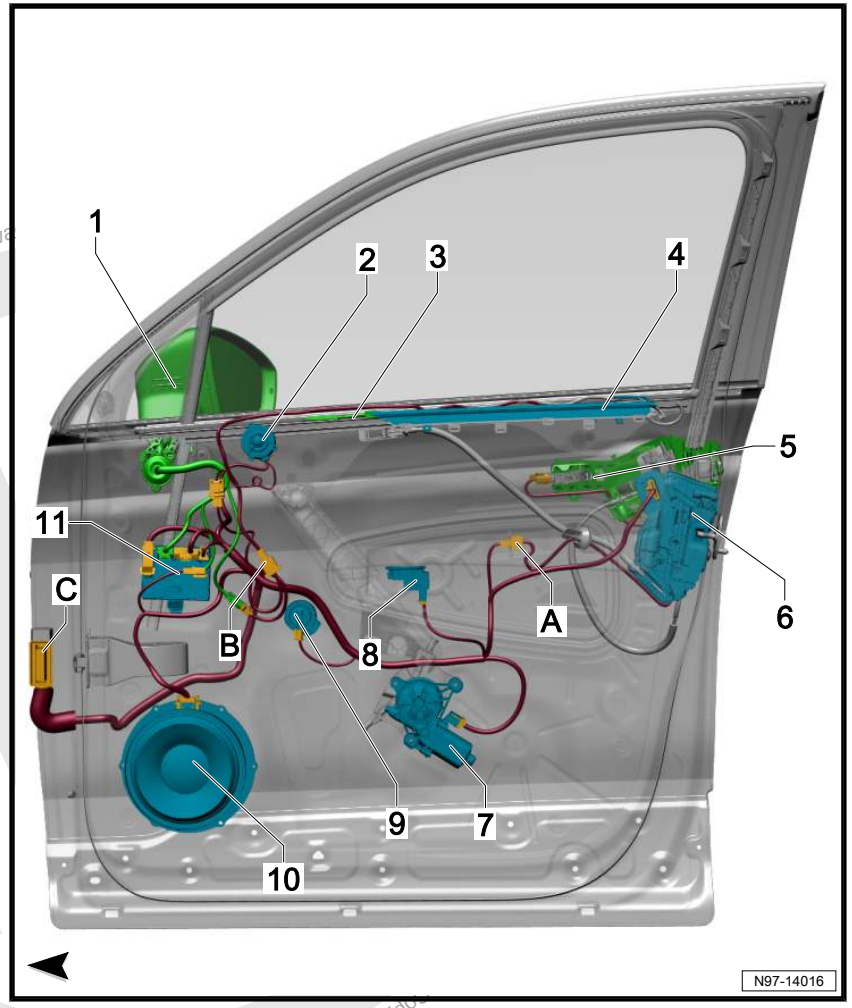
- Only left-hand drive models
- Fitting location for models with right-hand drive ⇒ item 1 (page 14)

5 - Front passenger exterior door handle -EX7-

- Only left-hand drive models
- Fitting location for models with right-hand drive ⇒ item 11 (page 14)

6 - Front passenger door lock unit -VX22-

- Only left-hand drive models
- Fitting location for models with right-hand drive ⇒ item 10 (page 14)



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7 - Front passenger side window regulator motor -V148-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 8 (page 14)

8 - Front passenger side window regulator button -E716-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 9 (page 14)

9 - Side airbag crash sensor on front passenger side -G180-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 7 (page 14)

10 - Front right bass loudspeaker -R23-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 14 (page 11)

11 - Front passenger door control unit -J387-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 5 (page 14)

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1.3.4 Front passenger door, right-hand drive models

A - 27-pin connector -T27c- , black

- ❑ Only models with no overhead view camera

A - 29-pin connector -T29c- , white

- ❑ Only models with overhead view camera

B - 4-pin connector -T4db- , black/
4-pin connector -T4da- , black

C - 4-pin connector -T4ci- , black/ 4-pin connector -T4bu- , black

- ❑ Only models with entry and start authorisation

1 - Light for passenger door ambient lighting -W87-

2 - Light for front passenger side interior door handle illumination -L220-

3 - Front left treble loudspeaker -R20-

4 - Passenger side exterior mirror -VX5-

5 - Front passenger door control unit -J387-

6 - Front left bass loudspeaker -R21-

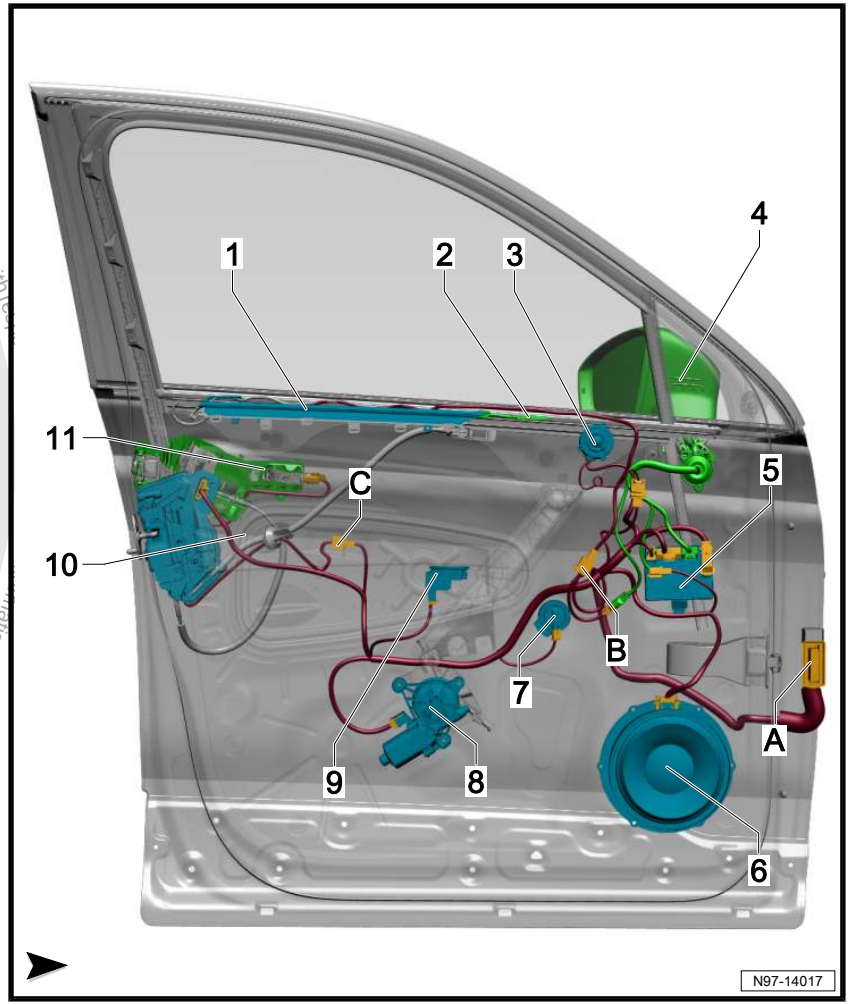
7 - Side airbag crash sensor on front passenger side -G180-

8 - Front passenger side window regulator motor -V148-

9 - Front passenger side window regulator button -E716-

10 - Front passenger door lock unit -VX22-

11 - Front passenger exterior door handle -EX7-



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1.3.5 Rear left door

A - 19-pin connector -T19c- , black

1 - Light for rear driver side door ambient lighting -W88-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 3 (page 16)

1 - Light for rear passenger side door ambient lighting -W89-

- ❑ Only right-hand drive models

2 - Rear left treble loudspeaker -R14-

3 - Light for rear driver side interior door handle illumination -L221-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 1 (page 16)

3 - Light for rear passenger side interior door handle illumination -L222-

- ❑ Only right-hand drive models

4 - Rear driver side door control unit -J926-

5 - Rear left bass loudspeaker -R15-

6 - Rear driver side window regulator motor -V471-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 6 (page 16)

6 - Rear passenger side window regulator motor -V472-

- ❑ Only right-hand drive models

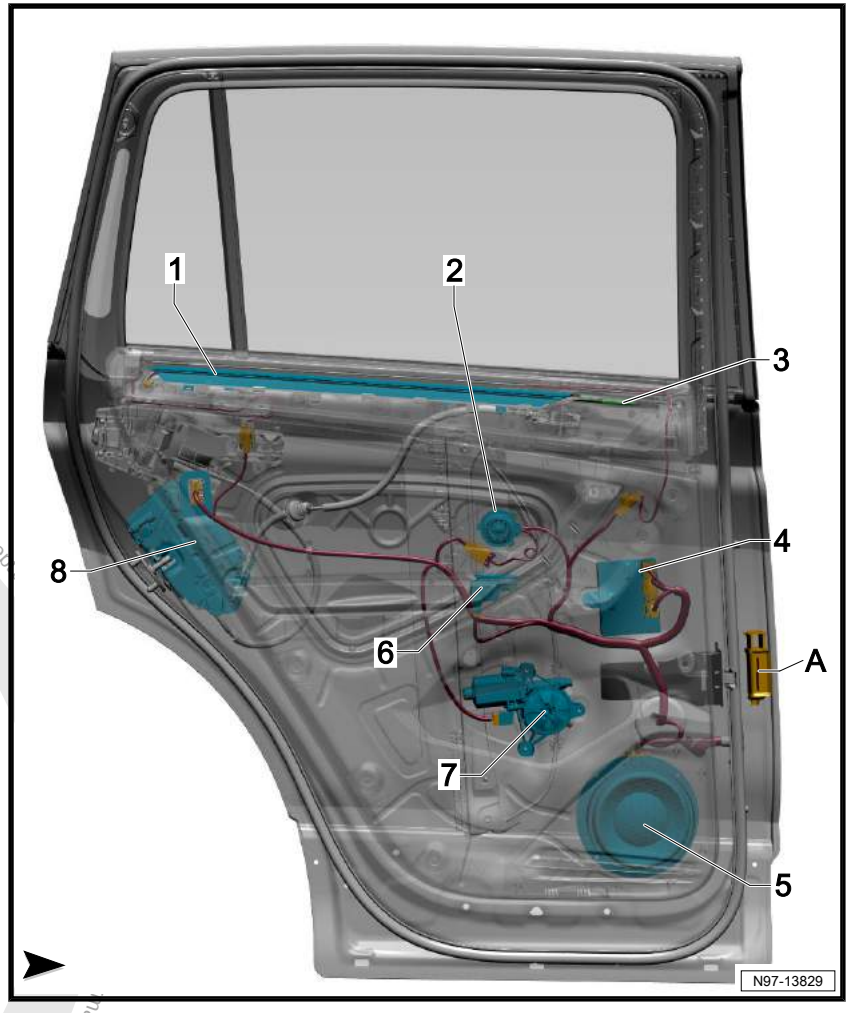
7 - Rear driver side window regulator button -E711-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 5 (page 16)

7 - Rear passenger side window regulator button -E713-

- ❑ Only right-hand drive models

8 - Rear left door lock unit -VX23-



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1.3.6 Rear right door

A - 19-pin connector -T19d- , black

1 - Light for rear passenger side interior door handle illumination -L222-
- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 3 (page 15)

1 - Light for rear driver side interior door handle illumination -L221-
- ❑ Only right-hand drive models

2 - Rear right treble loudspeaker -R16-

3 - Light for rear passenger side door ambient lighting -W89-
- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 1 (page 15)

3 - Light for rear driver side door ambient lighting -W88-
- ❑ Only right-hand drive models

4 - Rear right door lock unit -VX24-

5 - Rear passenger side window regulator button -E713-
- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 7 (page 15)

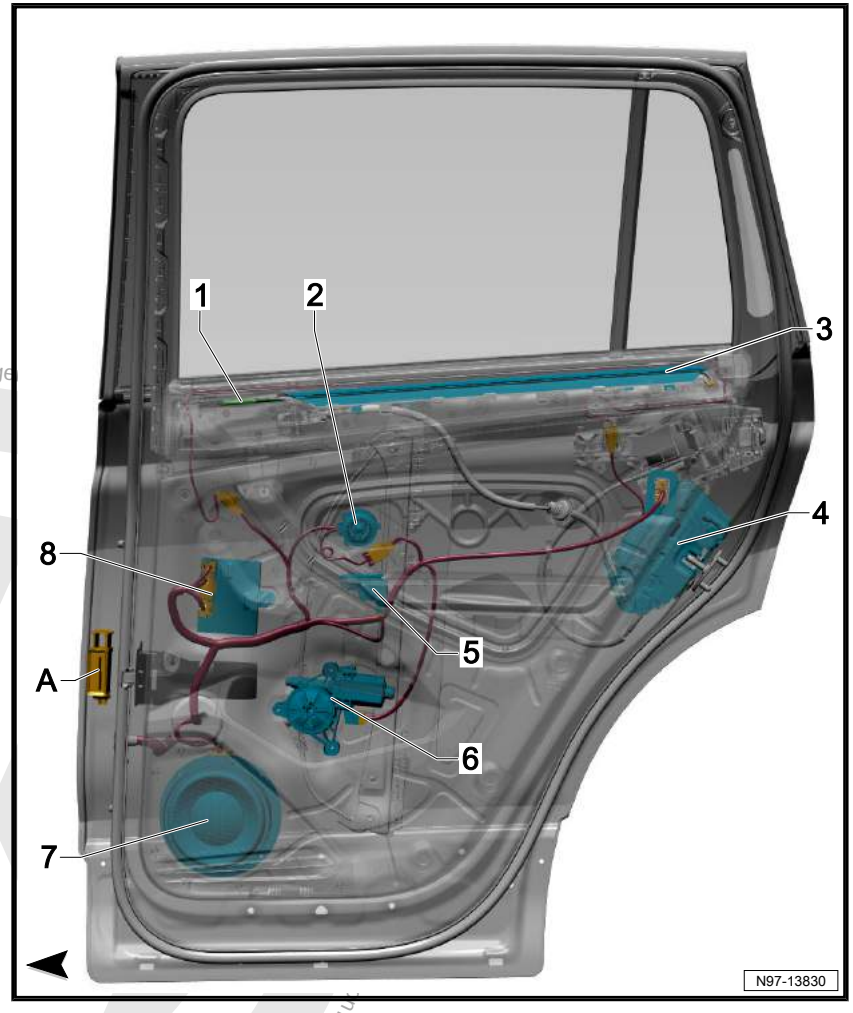
5 - Rear driver side window regulator button -E711-
- ❑ Only right-hand drive models

6 - Rear passenger side window regulator motor -V472-
- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 6 (page 15)

6 - Rear driver side window regulator motor -V471-
- ❑ Only right-hand drive models

7 - Rear right bass loudspeaker -R17-

8 - Rear passenger side door control unit -J927-



1.4 Seats

- ⇒ “1.4.1 Left front seat”, page 17

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- ⇒ “1.4.2 Right front seat”, page 20
- Components of the rear seats can be found in the chapter ⇒ “1.7.1 Rear left interior”, page 31

1.4.1 Left front seat

A - 8-pin connector -T8c- , black/
8-pin connector -T8d- , black

B - 4-pin connector -T4t- , black/
4-pin connector -T4x- , black

C - 2-pin connector -T2kr- , black/
2-pin connector -T2kq- , black

- ❑ Only models with seat heating

D - 4-pin connector -T4dk- , black/
4-pin connector -T4dl- , black

- ❑ Only models with seat heating

1 - Driver seat lumbar support longitudinal adjustment motor -V125-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 14 (page 22)

1 - Front passenger seat lumbar support longitudinal adjustment motor -V126-

- ❑ Only right-hand drive models

2 - Side airbag igniter on driver side -N199-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 15 (page 22)

2 - Side airbag igniter on front passenger side -N200-

- ❑ Only right-hand drive models

3 - Driver seat height adjustment motor -V138-

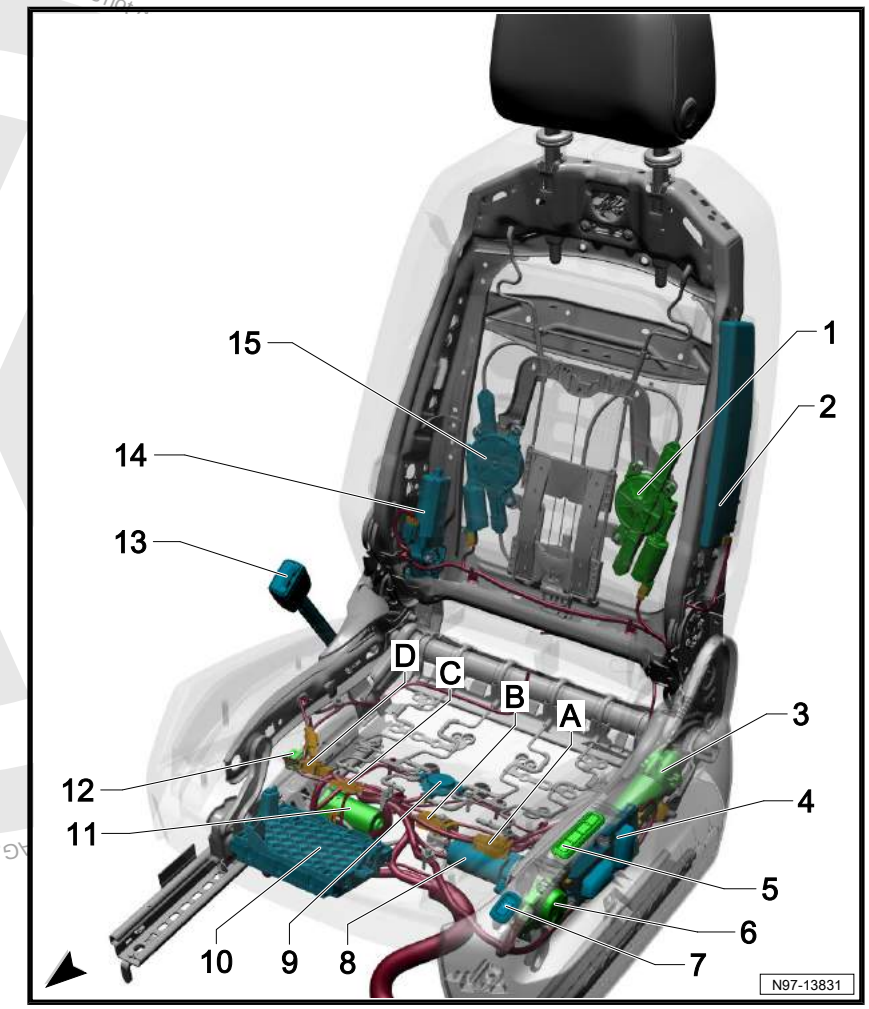
- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 13 (page 21)

3 - Front passenger seat height adjustment motor -V246-

- ❑ Only right-hand drive models

4 - Operating unit for front left seat adjustment -EX33-

5 - Operating unit 2 for front left seat adjustment -EX38-



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6 - Driver seat lumbar support adjustment switch -E176-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 10 (page 21)

6 - Front passenger seat lumbar support adjustment switch -E177-

- ❑ Only right-hand drive models

7 - Driver seat massage function button -E670-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 9 (page 21)

7 - Front passenger seat massage function button -E671-

- ❑ Only right-hand drive models

8 - Driver seat rake adjustment motor -V243-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 8 (page 21)

8 - Front passenger seat rake adjustment motor -V244-

- ❑ Only right-hand drive models

9 - Seat occupied sensor, front passenger side -G128-

- ❑ Only right-hand drive models

10 - Driver seat adjustment control unit -J810-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 5 (page 20)

10 - Front passenger seat position control unit -J720-

- ❑ Only right-hand drive models

11 - Driver seat longitudinal adjustment motor -V28-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 6 (page 21)

11 - Front passenger seat longitudinal adjustment motor -V31-

- ❑ Only right-hand drive models

12 - Driver side seat position sensor -G553-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 4 (page 20)

13 - Driver side belt switch -E24-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 3 (page 20)

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13 - Front passenger side belt switch -E25-

- ❑ Only right-hand drive models

14 - Driver seat backrest adjustment motor -V45-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 2 (page 20)

14 - Front passenger seat backrest adjustment motor -V46-

- ❑ Only right-hand drive models

15 - Driver seat lumbar support height adjustment motor -V129-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 1 (page 20)

15 - Front passenger seat lumbar support height adjustment motor -V130-

- ❑ Only right-hand drive models

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1.4.2 Right front seat

**A - 4-pin connector -T4dm- , black/
4-pin connector -T4dn- , black**

- ❑ Only models with seat heating

**B - 2-pin connector -T2kt- , black/
2-pin connector -T2ku- , black**

- ❑ Only models with seat heating

**C - 4-pin connector -T4de- , black/
4-pin connector -T4dd- , black**

**D - 8-pin connector -T8ag- , black/
8-pin connector -T8ai- , black**

1 - Front passenger seat lumbar support height adjustment motor -V130-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 15 (page 19)

1 - Driver seat lumbar support height adjustment motor -V129-

- ❑ Only right-hand drive models

2 - Front passenger seat backrest adjustment motor -V46-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 14 (page 19)

2 - Driver seat backrest adjustment motor -V45-

- ❑ Only right-hand drive models

3 - Front passenger side belt switch -E25-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 13 (page 19)

3 - Driver side belt switch -E24-

- ❑ Only right-hand drive models

4 - Driver side seat position sensor -G553-

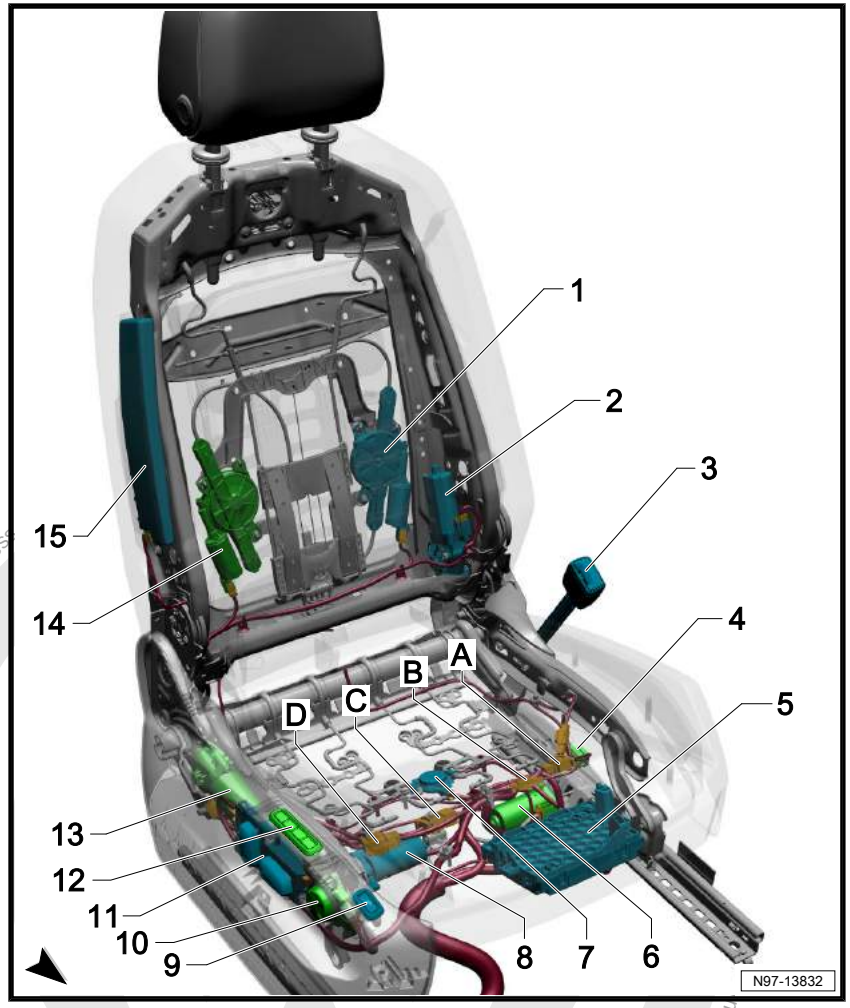
- ❑ Only right-hand drive models

5 - Driver seat adjustment control unit -J810-

- ❑ Only right-hand drive models

5 - Front passenger seat position control unit -J720-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 10 (page 18)



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6 - Front passenger seat longitudinal adjustment motor -V31-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 11 (page 18)

6 - Driver seat longitudinal adjustment motor -V28-

- ❑ Only right-hand drive models

7 - Seat occupied sensor, front passenger side -G128-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 9 (page 18)

8 - Driver seat rake adjustment motor -V243-

- ❑ Only right-hand drive models

8 - Front passenger seat rake adjustment motor -V244-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 8 (page 18)

9 - Front passenger seat massage function button -E671-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 7 (page 18)

9 - Driver seat massage function button -E670-

- ❑ Only right-hand drive models

10 - Front passenger seat lumbar support adjustment switch -E177-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 6 (page 18)

10 - Driver seat lumbar support adjustment switch -E176-

- ❑ Only right-hand drive models

11 - Operating unit for front right seat adjustment -EX34-

12 - Operating unit 2 for front right seat adjustment -EX39-

13 - Front passenger seat height adjustment motor -V246-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 3 (page 17)

13 - Driver seat height adjustment motor -V138-

- ❑ Only right-hand drive models

14 - Front passenger seat lumbar support longitudinal adjustment motor -V126-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 1 (page 17)

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14 - Driver seat lumbar support longitudinal adjustment motor -V125-

- ❑ Only right-hand drive models

15 - Side airbag igniter on front passenger side -N200-

- ❑ Only left-hand drive models
- ❑ Fitting location for models with right-hand drive ⇒ item 2 (page 17)

15 - Side airbag igniter on driver side -N199-

- ❑ Only right-hand drive models

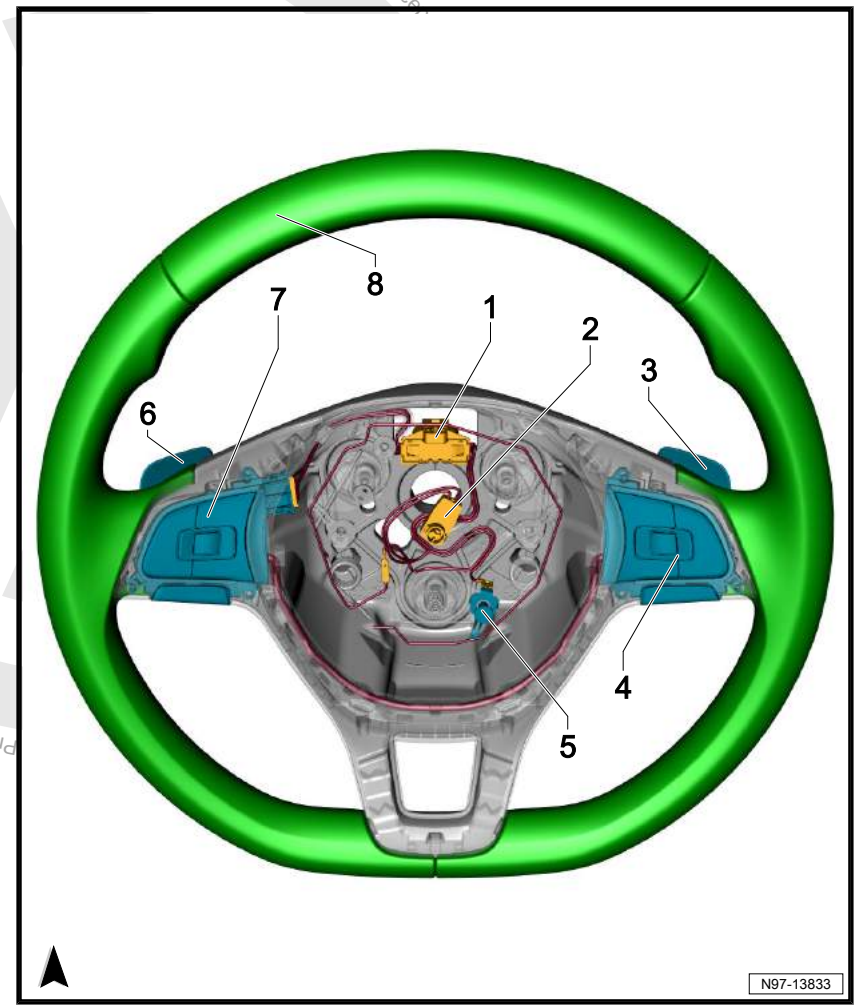
1.5 Steering wheel and steering column

- ⇒ “1.5.1 Steering wheel”, page 23
- ⇒ “1.5.2 Steering column”, page 24

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1.5.1 Steering wheel

1 - Steering column electronics control unit -J527-
2 - Driver side airbag igniter -N95-
3 - Tiptronic switch in steering wheel to shift up -E438-
4 - Multifunction buttons on right in steering wheel -E441-
5 - Horn plate -H-
6 - Tiptronic switch in steering wheel to shift down -E439-
7 - Multifunction steering wheel control unit -J453-
8 - Heated steering wheel -Z36-



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1.5.2 Steering column

1 - Steering column electronics control unit -J527-

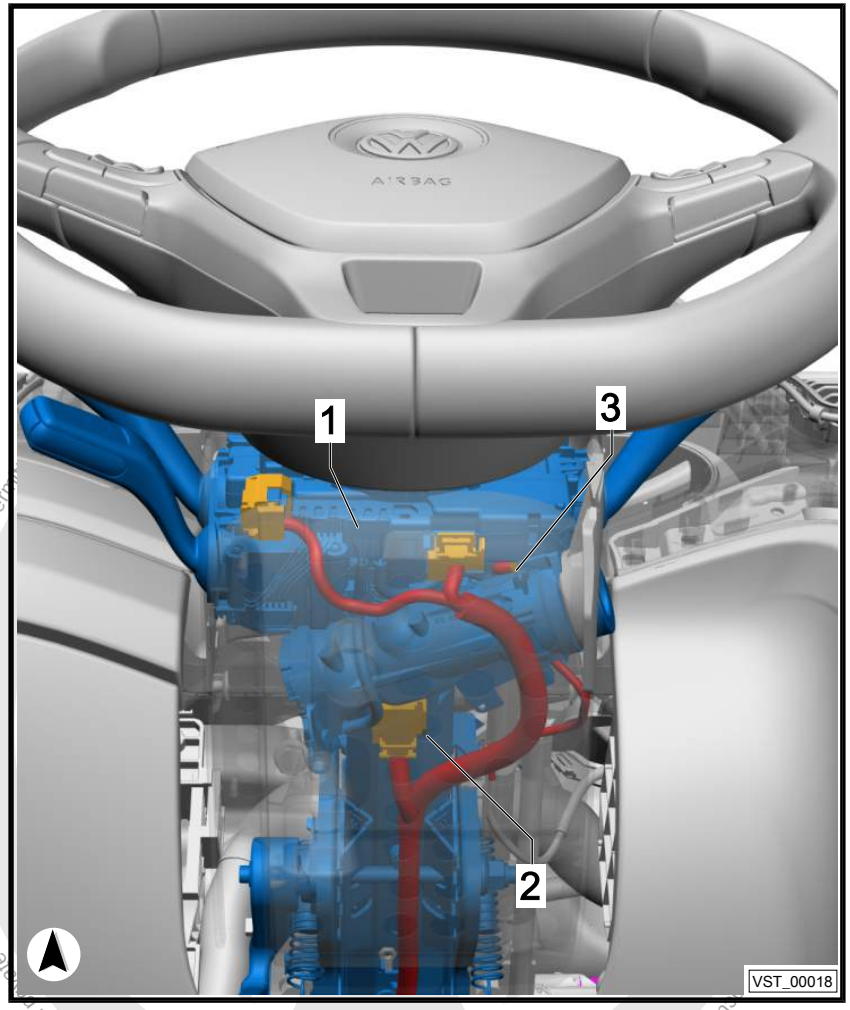
- ❑ Fitting location of connection to steering wheel ⇒ item 1 (page 23)

2 - Control unit for electronic steering column lock -J764-

3 - Immobiliser reader coil -D2-

3 - Ignition key withdrawal lock solenoid -N376-

3 - Ignition/starter switch -D-



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1.6 At front of interior

- ⇒ “1.6.1 Front left of interior”, page 25
- ⇒ “1.6.2 Front right of interior”, page 27

- ⇒ “1.6.3 Dash panel”, page 28
- ⇒ “1.6.4 Left footwell”, page 29
- ⇒ “1.6.5 Front centre console”, page 30

1.6.1 Front left of interior

A - 27-pin connector -T27b- , black

- ❑ Only models with no overhead view camera

A - 29-pin connector -T29b- , white

- ❑ Only models with overhead view camera

B - 17-pin connector -T17i- , black/ 17-pin connector -T17k- , black

C - 17-pin connector -T17d- , red/ 17-pin connector -T17m- , red

D - 17-pin connector -T17j- , brown/ 17-pin connector -T17l- , brown

E - Single-pin connector -T1eo- , black/ single-pin connector -T1kc- , black

- ❑ Only models with battery in luggage compartment

F - 5-pin connector -T5aw- , black/ 5-pin connector -T5bi- , black

- ❑ Only models with overhead view camera

G - 17-pin connector -T17e- , blue/ 17-pin connector -T17n- , blue

H - 17-pin connector -T17b- , red/ 17-pin connector -T17a- , red

I - 3-pin connector -T3aq- , yellow

J - 19-pin connector -T19a- , black

1 - Driver side curtain airbag igniter -N251-

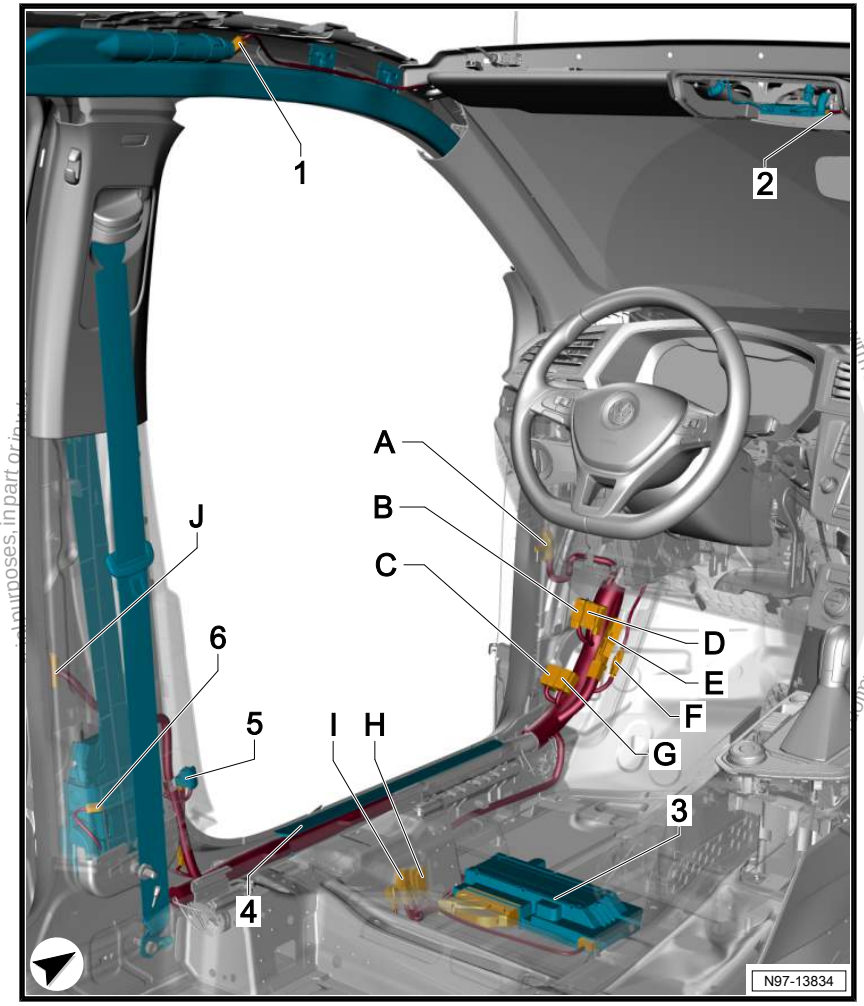
2 - Anti-theft alarm sensor -G578-

3 - Digital sound package control unit -J525-

4 - Front left entry light -W31-

5 - Button for deactivating interior monitoring and vehicle inclination sensor -E616-

6 - Control unit for front left belt tensioner -J854-



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6 - Driver seat belt tensioner igniter 1 -N153-

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1.6.2 Front right of interior

A - 27-pin connector -T27a- , black
- ❑ Only models with no overhead view camera

A - 29-pin connector -T29a- , white
- ❑ Only models with overhead view camera

B - 17-pin connector -T17f- , black/
17-pin connector -T17o- , black

C - 17-pin connector -T17t- , red/
17-pin connector -T17h- , red

D - 17-pin connector -T17g- , brown/
17-pin connector -T17s- , brown

E - 19-pin connector -T19b- , black

F - 17-pin connector -T17c- , red/
17-pin connector -T17v- , red

G - 3-pin connector -T3ap- , yellow

1 - Front passenger side airbag igniter 1 -N131-

2 - Front passenger side curtain airbag igniter -N252-

3 - Control unit for front right belt tensioner -J855-

3 - Front passenger seat belt tensioner igniter 1 -N154-

4 - Front right entry light -W32-

5 - TV tuner -R78-

5 - Control unit for navigation system -J856-
- ❑ Only models with equipment for Korea

6 - Control unit for overhead view camera -J928-

7 - Front right footwell light -K269-

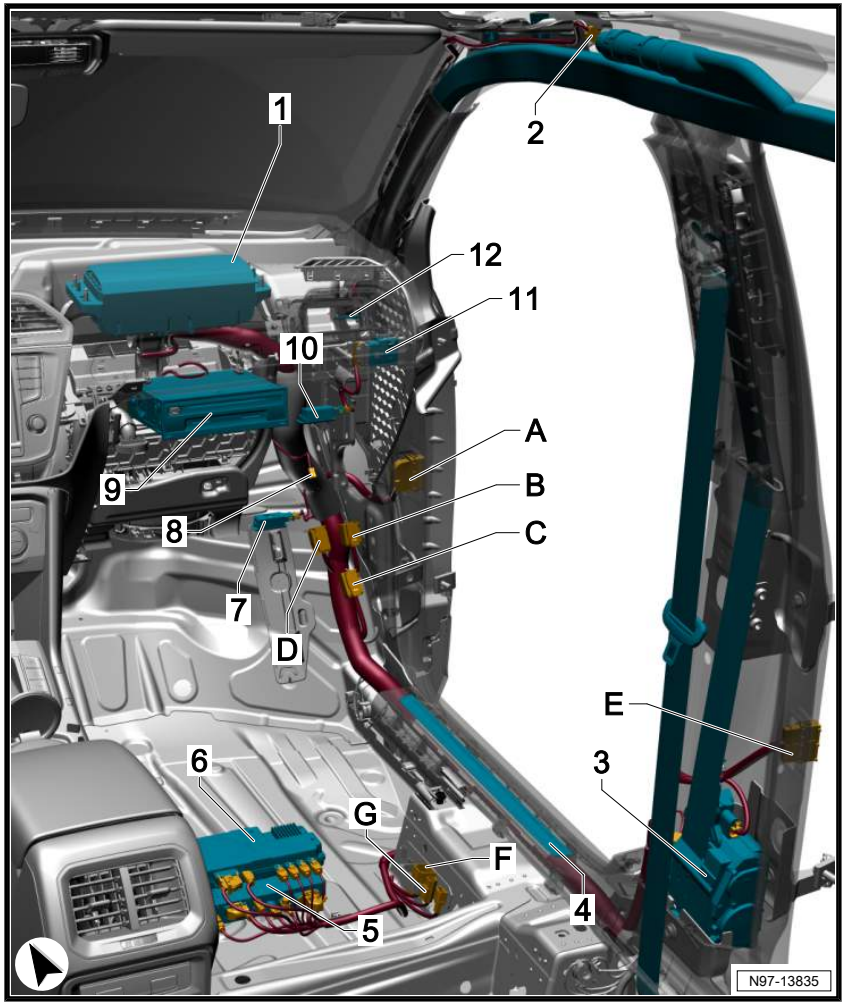
8 - Glove compartment light switch -E26-

9 - Control unit 1 for information electronics -J794-

10 - Glove compartment light -W6-

11 - Key operated switch to deactivate front passenger side airbag -E224-

12 - Right vent temperature sender -G151-



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1.6.3 Dash panel

1 - Control unit for heads-up display -J898-

2 - Head-up Display module -VX78-

3 - Centre loudspeaker -R208-

4 - Sunlight penetration photosensor -G107-

5 - Front passenger side airbag deactivated warning lamp -K145-

6 - Hazard warning light switch -EX3-

7 - Display unit for front information display and operating unit control unit -J685-

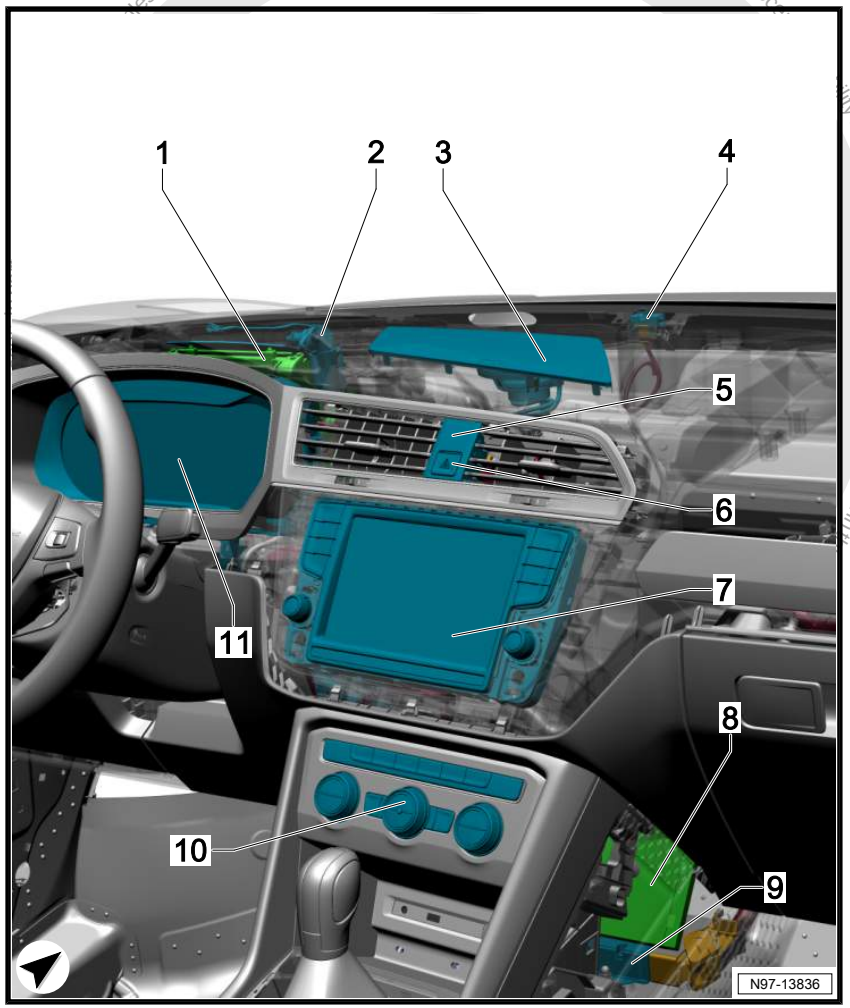
8 - Auxiliary air heater control unit -J604-

- ❑ Fitting location with air conditioning system ⇒ item 2 (page 3)
- ❑ Fitting location with Climatronic ⇒ item 4 (page 5)

9 - Airbag control unit -J234-

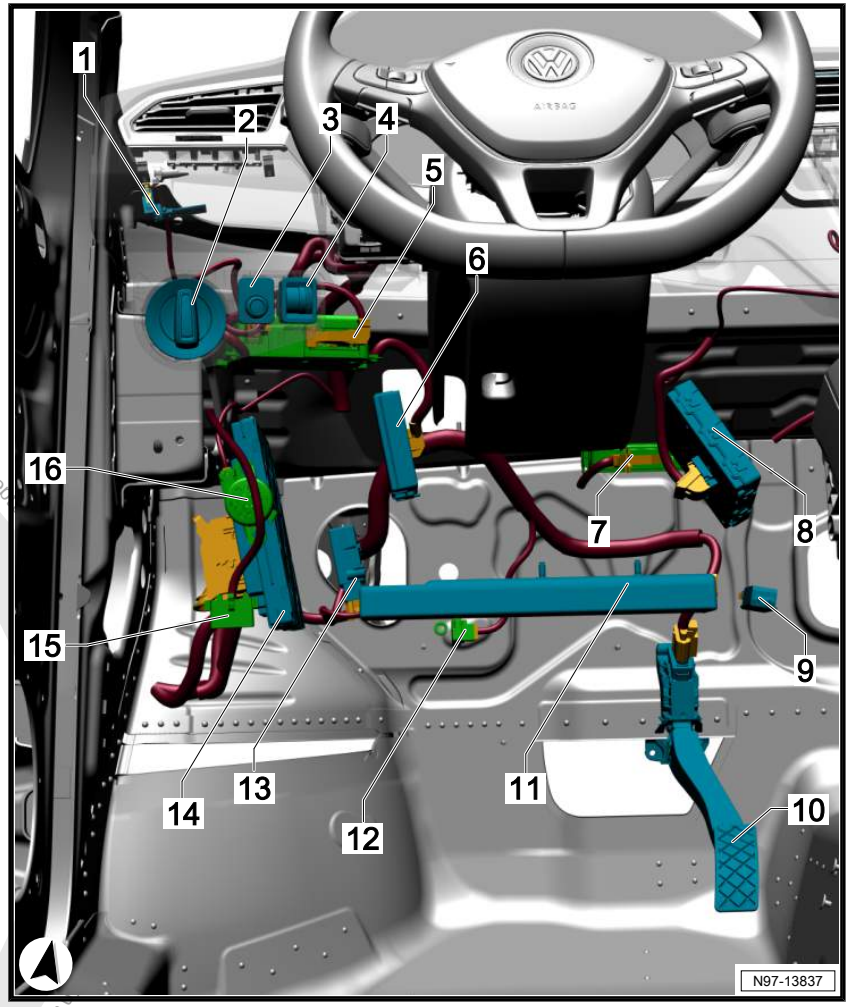
10 - Heater and air conditioning controls -EX21-

11 - Dash panel insert -KX2-



1.6.4 Left footwell

1 - Left vent temperature sender -G150-
2 - Rotary light switch -EX1-
3 - Operating unit for Head-up Display -E837-
4 - Headlight range control regulator -E102-
5 - Emergency call module control unit and communication unit -J949-
6 - Data bus diagnostic interface -J533-
7 - Control unit for cornering light and headlight range control -J745-
8 - Interface for entry and start system -J965-
9 - Front left footwell light -K268-
10 - Accelerator pedal module -GX2-
11 - Driver side knee airbag igniter -N295-
12 - Clutch position sender -G476-
13 - Parking aid control unit -J446-
14 - Onboard supply control unit -J519-
15 - Diagnostic connection -U31-
16 - Front parking aid warning buzzer -H22-



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1.6.5 Front centre console

1 - USB hub -R293-

2 - 12 V socket -U5-

2 - Cigarette lighter -U1-

- ❑ Only smoker version models

3 - Switch module 2 in centre console -EX30-

4 - Interior aerial 1 for entry and start system -R138-

5 - Selector mechanism -EX2-

6 - Operating unit for driving mode selection -E881-

7 - Switch module 1 in centre console -EX23-

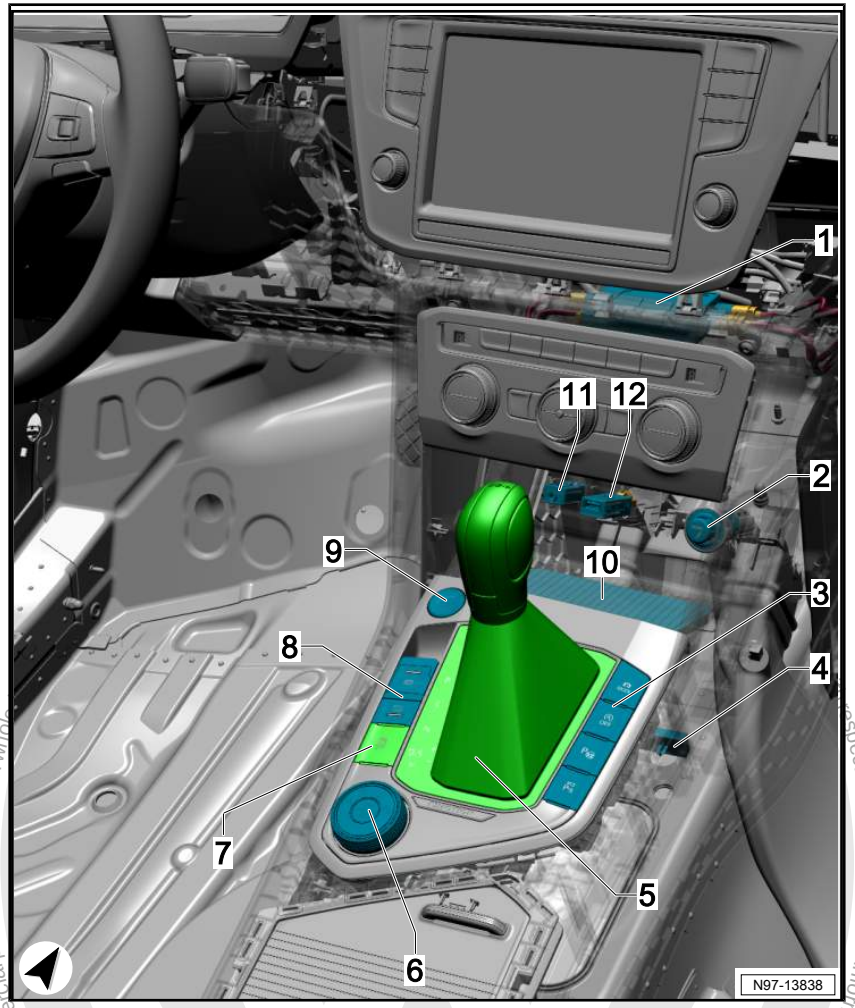
8 - Parking brake button -EX12-

9 - Starter button -E378-

10 - Storage compartment with interface for mobile telephone -R265-

11 - Connection for external audio sources -R199-

12 - USB connection 1 -U41-



1.7 Rear interior

- ⇒ “1.7.1 Rear left interior”, page 31
- ⇒ “1.7.2 Rear right interior”, page 32

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◆ ⇒ “1.7.3 Interior rear centre console”, page 33

1.7.1 Rear left interior

A - 3-pin connector -T3as- , yellow

B - 2-pin connector -T2es- , black

C - 4-pin connector -T4ba- , black/
4-pin connector -T4df- , black

1 - Rear belt tensioner igniter on front passenger side -N197-

2 - Rear side airbag igniter on front passenger side -N202-

3 - Rear side airbag igniter on driver side -N201-

4 - Rear belt tensioner igniter on driver side -N196-

5 - Rear left shock absorber damping adjustment valve -N338-

6 - Rear left speed sensor -G46-

7 - Left parking brake motor -V282-

8 - Rear side airbag crash sensor on driver side -G256-

9 - Not installed

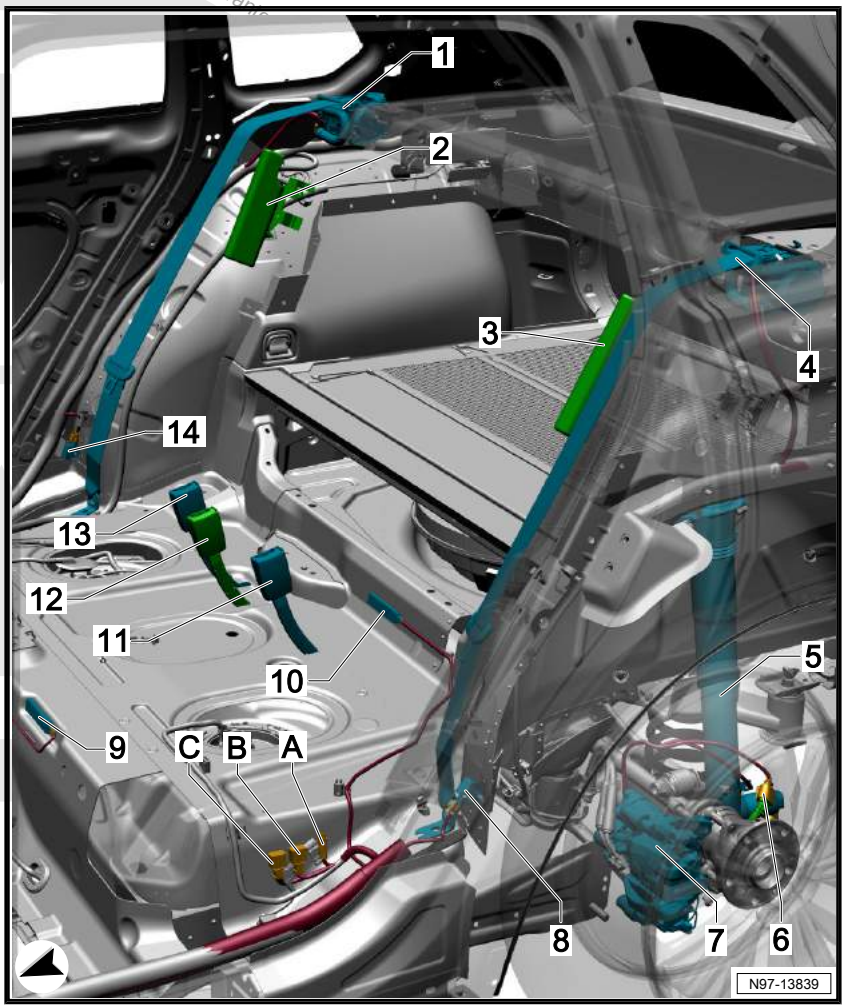
10 - Luggage compartment aerial for entry and start system -R137-

11 - Belt switch for seat row 2, driver side -F390-

12 - Belt switch for seat row 2, middle -F391-

13 - Belt switch for seat row 2, passenger side -F392-

14 - Rear side airbag crash sensor on front passenger side -G257-



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1.7.2 Rear right interior

A - 6-pin connector -T6z- , black/
6-pin connector -T6ak- , black

- ❑ Only models with all-wheel drive

B - 3-pin connector -T3ay- , yellow

C - 4-pin connector -T4bg- , black/
4-pin connector -T4do- , black

D - 2-pin connector -T2ez- , black

1 - All-wheel drive control unit -J492-

- ❑ Only models with all-wheel drive

2 - Fuel level sender 2 -G169-

- ❑ Only models with all-wheel drive

3 - Fuel pump control unit -J538-

- ❑ Only models with front-wheel drive
- ❑ For models with all-wheel drive ⇒ item 5 (page 32)

4 - Fuel delivery unit -GX1-

- ❑ Only models with front-wheel drive
- ❑ For models with all-wheel drive ⇒ item 6 (page 32)

5 - Fuel pump control unit -J538-

- ❑ Only models with all-wheel drive

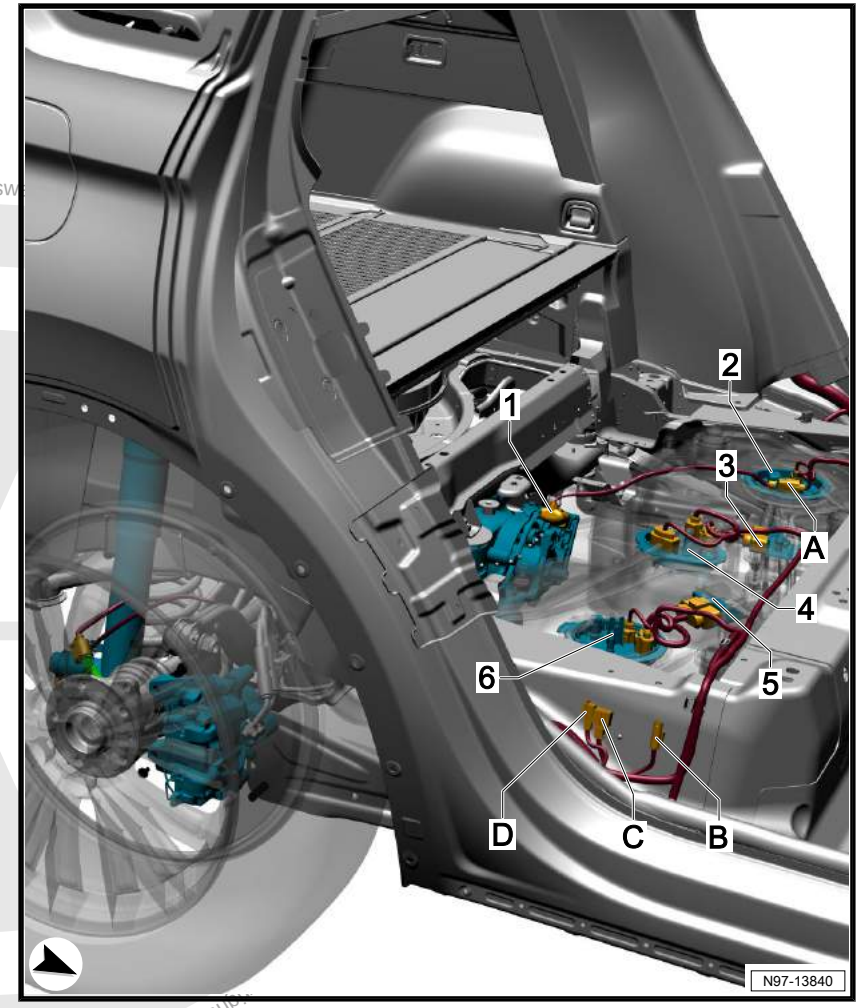
6 - Fuel delivery unit -GX1-

- ❑ Only models with all-wheel drive

7 - Right parking brake motor -V283-

8 - Rear right speed sensor -G44-

9 - Rear right shock absorber damping adjustment valve -N339-



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1.7.3 Interior rear centre console

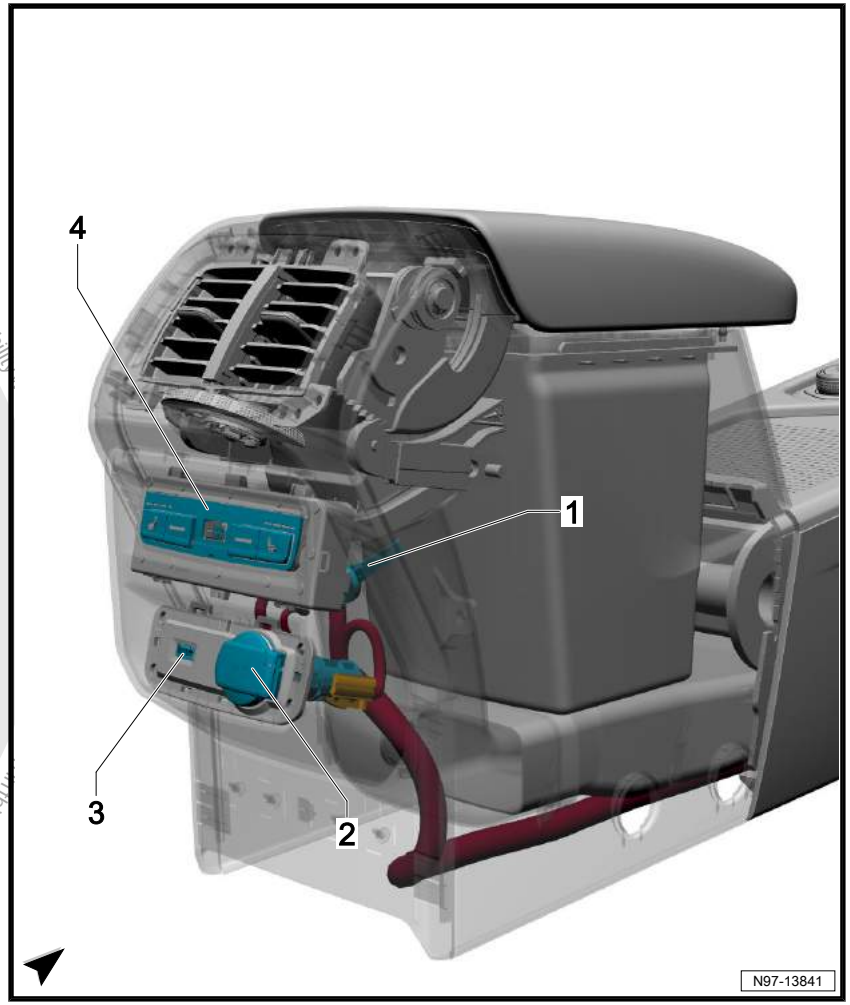
1 - Rear vent temperature sender -G174-

2 - 12 V socket 2 -U18-

3 - USB connection 2 -U42-

3 - USB charging socket 1 -U37-

4 - Operating and display unit for rear air conditioning system -E265-



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1 Fitting locations: rear part of vehicle

- ⇒ “1.1 Rear lid”, page 1
- ⇒ “1.2 Rear bumper”, page 4
- ⇒ “1.3 View of right rear side”, page 5
- ⇒ “1.4 View of left rear side”, page 6

1.1 Rear lid



A - 10-pin connector -T10x- , black/ 10-pin connector -T10h- , black

B - 10-pin connector -T10y- , brown/ 10-pin connector -T10i- , brown

C - 10-pin connector -T10z- , black/ 10-pin connector -T10j- , black

1 - High-level brake light bulb -M25-

2 - Aerial -R11-

2 - TV aerial 1 -R55-

- ❑ Only models with equipment for Japan

3 - Anti-trapping sender 2 -G753-

- ❑ Only models with electric rear lid opener

4 - Rear lid motor 2 -V445-

- ❑ Only models with electric rear lid opener

5 - Frequency modulation (FM) frequency filter in negative wire -R178-

6 - TV aerial 2 -R56-

7 - Right tail light 2 -MX6-

8 - Amplitude modulation (AM) frequency filter -R177-

9 - Button to close rear lid in luggage compartment -E406-

- ❑ Only models with electric rear lid opener

10 - Right number plate light -X5-

11 - Rear lid handle -EX37-

12 - Rear lid lock unit -VX25-

13 - Left number plate light -X4-

14 - Surround lighting 1 in rear lid -W61-

15 - Rear lid warning buzzer -H32-

- ❑ Only models with electric rear lid opener

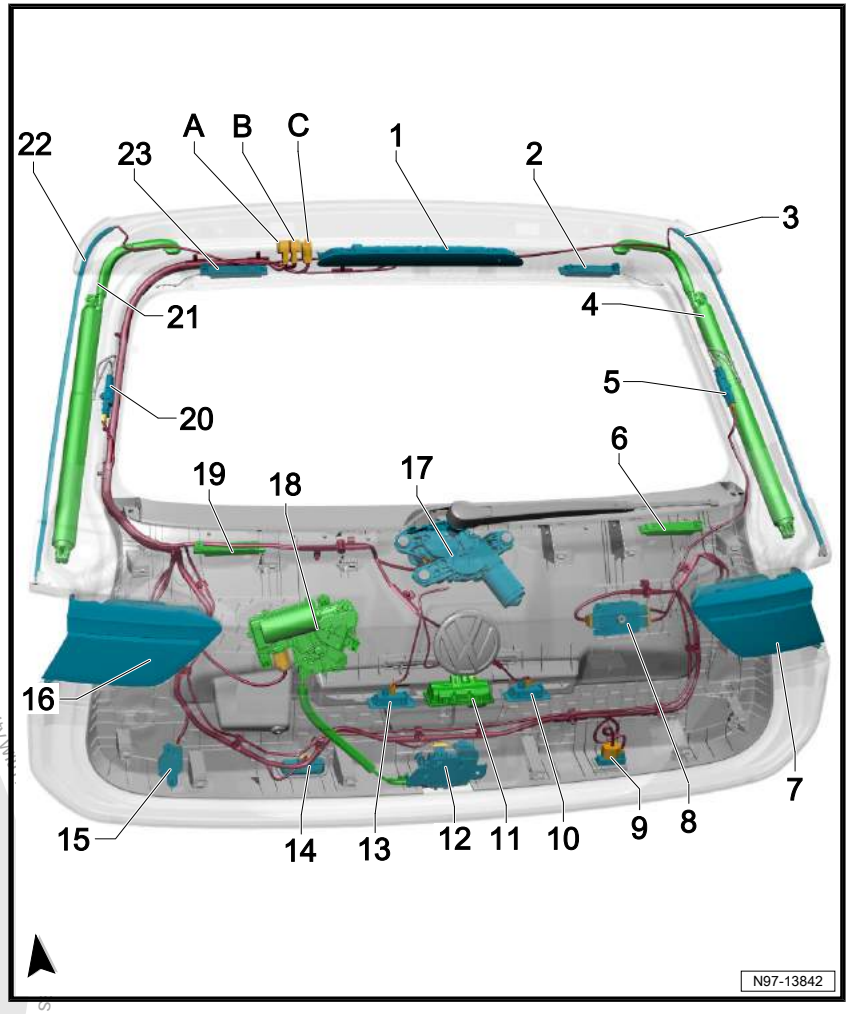
16 - Left tail light 2 -MX5-

17 - Rear window wiper motor -V12-

18 - Power latching for rear lid -VX16-

19 - TV aerial 3 -R57-

20 - Frequency modulation (FM) frequency filter in positive wire -R179-



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21 - Rear lid motor 1 -V444-

- ❑ Only models with electric rear lid opener

22 - Anti-trapping sender -G673-

- ❑ Only models with electric rear lid opener

23 - Radio aerial 2 -R93-

23 - Digital radio aerial -R183-

- ❑ Only models with digital radio

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1.2 Rear bumper

A - 3-pin connector -T3cc- , black/
3-pin connector -T3taw- , black

B - 8-pin connector -T8z- , black/
8-pin connector -T8l- , black

1 - Rear right park assist steering sender -G717-

2 - Lane change assist control unit -J769-

3 - LTE aerial 2 -R306-

4 - Rear right parking aid sender -G206-

5 - Rear lid power opening control unit -J938-
- ❑ Only models with sensor-controlled rear lid opener

6 - Rear centre right parking aid sender -G205-

7 - Tyre Pressure Monitoring System control unit -J502-

8 - Trailer towing coupling -VX15-
- ❑ Only models with towing bracket

9 - Rear lid power opening sender 2 -G760-
- ❑ Only models with sensor-controlled rear lid opener

10 - Rear lid power opening sender -G750-
- ❑ Only models with sensor-controlled rear lid opener

11 - Rear centre left parking aid sender -G204-

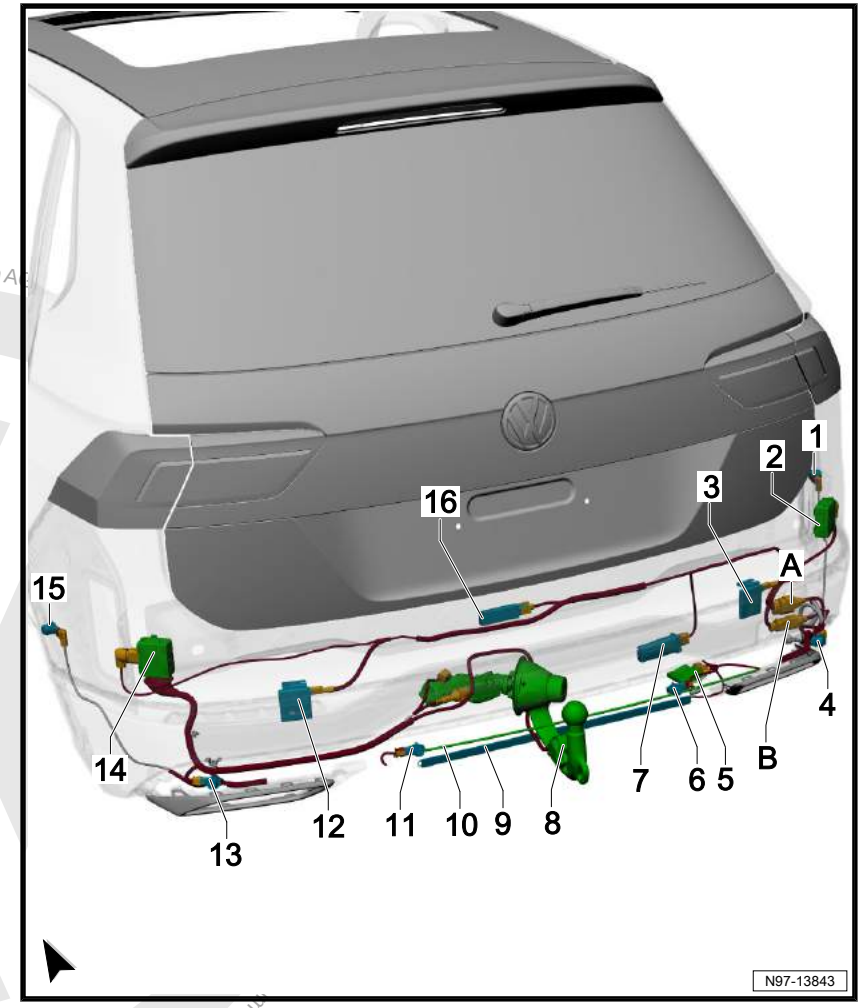
12 - LTE aerial 1 -R297-

13 - Rear left parking aid sender -G203-

14 - Lane change assist control unit 2 -J770-

15 - Rear left park assist steering sender -G716-

16 - Rear bumper aerial for entry and start system -R136-



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1.3 View of right rear side

A - 10-pin connector -T10h- , black/
10-pin connector -T10x- , black

- ❑ Fitting location in rear lid ⇒ item A (page 2)

B - 10-pin connector -T10i- , brown/
10-pin connector -T10y- , brown

- ❑ Fitting location in rear lid ⇒ item B (page 2)

C - 10-pin connector -T10j- , black/
10-pin connector -T10z- , black

- ❑ Fitting location in rear lid ⇒ item C (page 2)

D - 4-pin connector -T4bh- , black/
4-pin connector -T4bt- , black

- ❑ Only models with towing bracket

1 - Rear lid control unit -J605-

- ❑ Only models with electric rear lid opener

2 - Rear parking aid warning buzzer -H15-

3 - Tank flap release -EX13-

4 - Right tail light -MX4-

5 - Subwoofer -R211-

6 - Battery monitor control unit -J367-

- ❑ Only models with battery in luggage compartment

7 - Battery -A-

- ❑ Only models with battery in luggage compartment

8 - Trailer detector control unit -J345-

- ❑ Only models with towing bracket

9 - Electric hinged tow coupling attachment button -E474-

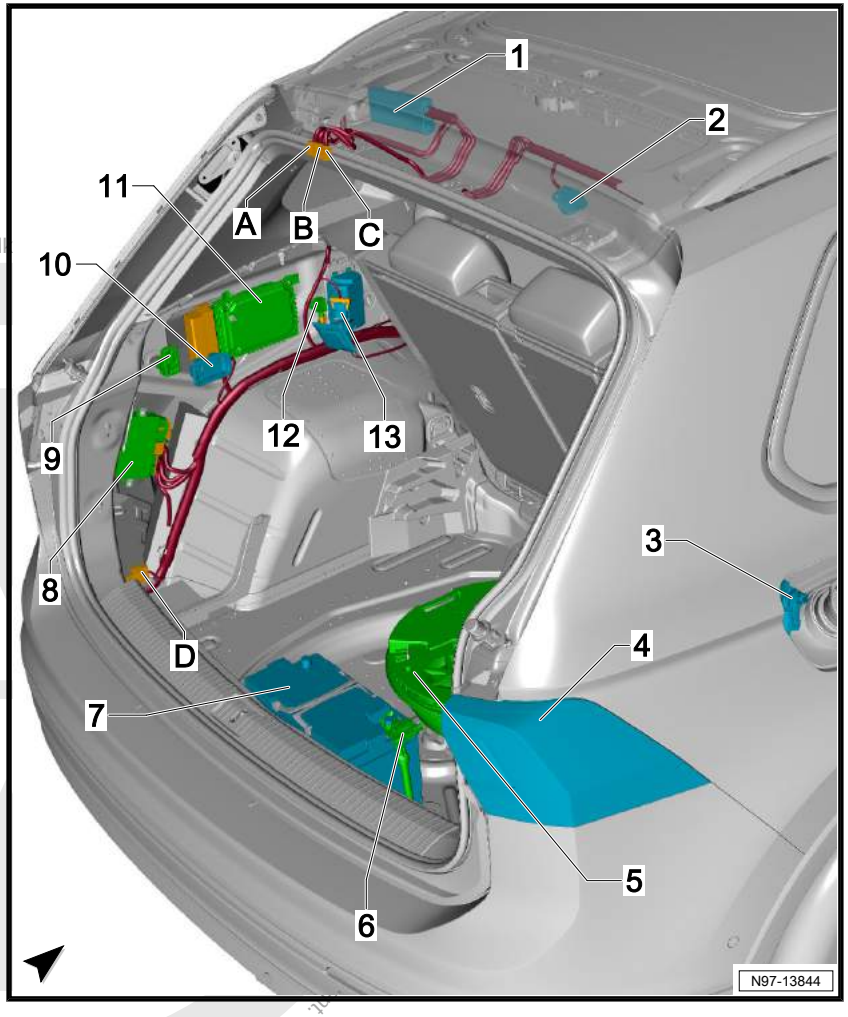
- ❑ Only models with towing bracket

10 - Electric torch -R280-

11 - Electronically controlled damping control unit -J250-

12 - Rear body acceleration sender -G343-

13 - DC/AC converter with socket, 12 V - 230 V -U13-



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1.4 View of left rear side

1 - 12 V socket 3 -U19-

2 - Two-way signal amplifier for mobile telephone/data services -J984-

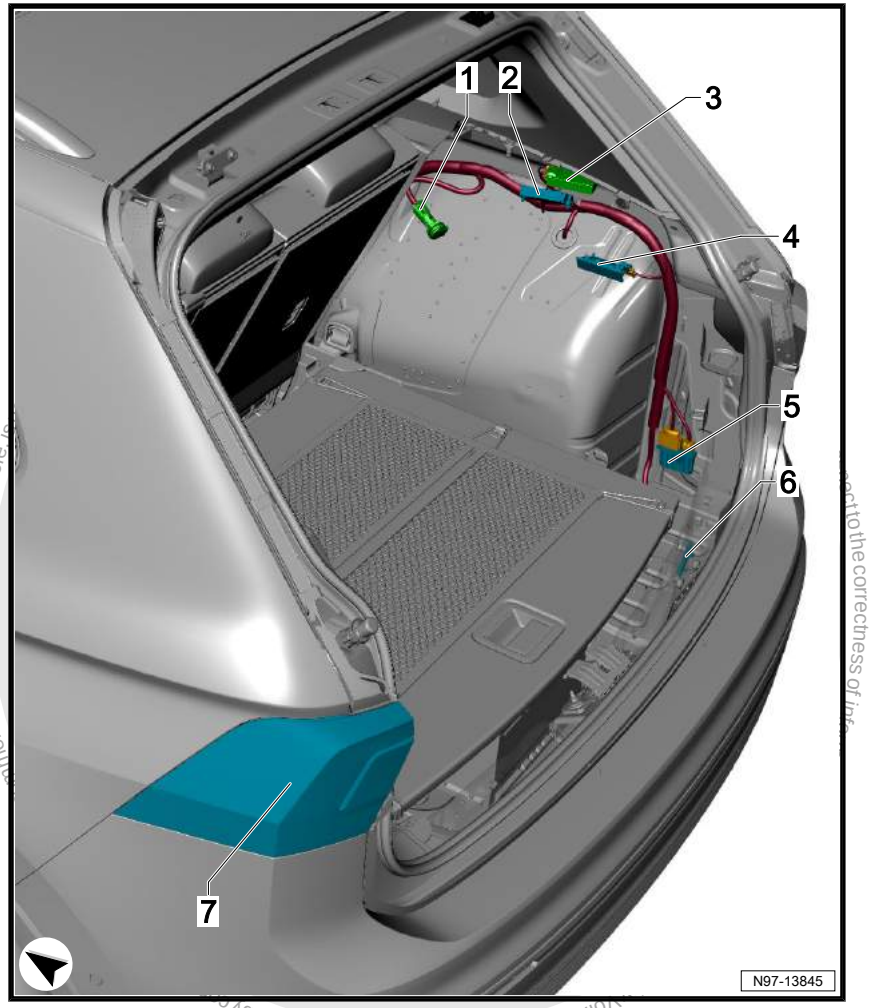
3 - Remote control receiver for auxiliary coolant heater -R149-

4 - Luggage compartment light -W3-

5 - Control unit for reducing agent heater -J891-

6 - Interior aerial 2 for entry and start system -R139-

7 - Left tail light -MX3-



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1 Fitting locations: vehicle underbody

1.1 Underbody, part 1

A - 5-pin connector -T5bf- , brown/
5-pin connector -T5l- , dark brown

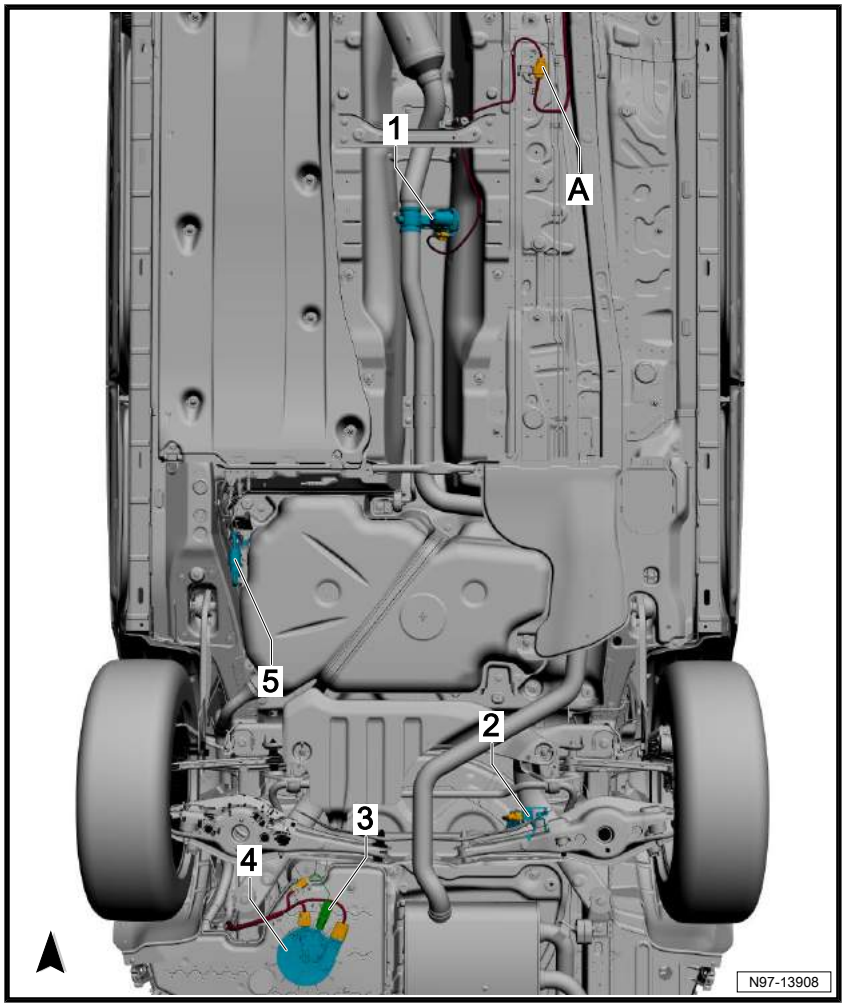
1 - Exhaust flap control unit -J883-

2 - Rear left vehicle level sender -G76-

3 - Heater for reducing-agent line (heater circuit 2) -Z104-

4 - Delivery unit for reducing agent metering system -GX19-

5 - Metering pump -V54-



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