VOLVO V70 (-08) & XC90

WIRING DIAGRAM 2008



TP 39113202

Vehicles with SRS (Airbag)/SIPS bag/IC (Inflatable Curtain)

Warning!

Extra caution must be exercised when working on vehicles equipped with SRS/SIPS bag/IC in order to avoid:
1. Personal injuries when performing repair work.
2. Damage or malfunction of the SRS/SIPS bag/IC system.

Work involving the SRS/SIPS bag/IC systems or other components in the vehicle that may affect the SRS/SIPS bag/IC systems must always be performed by an authorized Volvo workshop.
In case of doubt, consult the SRS and SIPS bag/IC service manual.

Is the vehicle equipped with SRS/SIPS bag/IC?

Vehicles with SRS are most easily recognized by the letters SRS in the center of the steering wheel. If the vehicle also has a passenger side airbag, the letters SRS are stamped on the dashboard above the glove compartment. SRS vehicles from 1993 and onward also have explosive seat belt tensioners. SIPS bags are only installed on SRS vehicles from 1995 and onward. SIPS bag decals are located on the windshield and seat compartment. Vehicles with IC can be recognized by the letters IC on the C/D panel (4 door) or the B panel (5 door).

General recommendations

- Be especially careful when working on or around SRS, SIPS, and IC components.
- Make sure that no wires are pinched, frayed, or pierced.
- Never install accessories by the sensors.
- Where applicable, work on the steering wheel, steering shaft, or steering gear must be done in accordance with the methods in the SRS section of VIDA.
- Certain components of the aforementioned systems must be grounded while working. Read the appropriate sections in VIDA.
- Install no accessories in the areas between the A and B-posts, the B and C-posts, and the C and D-posts.

Test terminal

Data link connector in the passenger compartment.

Changes implemented up to and including April 2007
Any changes made to the vehicles after this date are not included in the manual. If necessary refer to service bulletins.

Volvo models are sold in versions adapted for different markets. These adaptations depend on factors such as legal requirements, taxation, and market demands.
This manual may therefore include illustrations and text that do not apply to the vehicles in your country.

Order number: 39113202
Replaces earlier publication 39113201 of Electronic Wiring Diagram (EWD) TP 39118001
Also found on Electronic Wiring Diagram (EWD) TP 39120002.

We reserve the right to make modifications.

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Group 83 = Doors and openings
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Group 88 = Internal equipment

Ignition switch symbols

X = Accessories (audio position)
S = Powered upon insertion of key
15 = Contact remains connected during start
15l = Contact is broken while starting
30 = Constant power from the battery
50 = Start

Countries/Markets

A = Austria
AUS = Australia
B = Belgium
CDN = Canada
CH = Switzerland
D = Germany
DK = Denmark
E = Spain
EU/OS = Markets outside USA and Canada
FIN = Finland
GB = Great Britain
ISR = Israel
J = Japan
KOR = Korea
N = Norway
NL = Netherlands
S = Sweden
USA = United States of America
WEU = Western Europe

Other

ABL = Active Bi-Xenon Light
ACC = Accessory
AMP = Amplifier
AUDIO = Audio system
AUTO = Automatic transmission
Bi-X = Bi-Xenon
BLIS = Blind spot information system
CEM = Central Electronic Module
DIESEL = D5244 T4/T5/T6/T7
DRL = Daytime Running Lights
DSTC = Dynamic Stability Traction Control
ECC = Electronic climate control system
ECPS = Electronic power steering
EXC = Exclusive
EXT. D = Extended electrical distribution
HISPEED = High speed data bus
LH = Left-hand side
LHD = Left-hand drive
LOSPEED = Low speed data bus
MAN = Manual transmission
MCC = Manual Climate Control
PCL = Power Child Lock
PETROL = Gasoline
REM = Rear Electronic Module
RH = Right-hand side
RHD = Right-hand drive
RTI = Road Traffic Information
SRS = Airbag
SUBWOOF = Bass speaker
SUM = Suspension Module (SUM)
T = Turbocharged engine
W/O = Without
5CYL = 5-cylinder engine
6CYL = 6-cylinder engine
8CYL = 8-cylinder engine

Colors

BL = Blue
BN = Brown
GN = Green
GR = Gray
NL = Natural
LBL = Light Blue
LGN = Light Green
OR = Orange
P = Pink
R = Red
SB = Black
VO = Violet
W = White
Y = Yellow

How to use the wiring diagrams 1:2

The descriptions below apply in general to all wiring diagram manuals, although not all sections are necessarily contained in this manual.

A. Component designation

Every component has a component designation that consists of two parts.

The first part is a type number that describes the type of component in question, for example 3/xx.

The second part of the designation is a serial number, e.g. x/2.

Together, this constitutes a component designation, e.g. 3/2.

At the end of the manual is a list of components, where, with the help of the component designation, you can read off the name of the component, for example, 3/2 = light switch.

List of type numbers

The list shows which type of component that respective type numbers refer to, for example, 3/x = switch, 6/x = electric motor, etc.

1	Battery
2	Relay
3	Switch
4	Control module
5	Driver information module
6	Electric motor
7	Sensor
8	Actuator
9	Heating element
10	Light
11	Fuse
15	Electrical distribution rail/box
16	Audio
17	Service/diagnostics
18	Contact reel
19	Meter
20	Ignition component/shunt
26	Converter
27	Optics
31	Ground connection
53	Branching point
54	Connector

B. Branching points

The wiring diagrams contain numbered junction points, e.g. 53/352.

This manual contains a section with a list of branching points. This list shows all the components that are connected to each branching point.

The location of the branching points is shown in the "Cable harness routing in vehicle" section.

C. Connectors

Connectors provide a bridge between two cable harnesses and are described in the "Connectors" section.

D. Electrical distribution

Operation of the fuses and relays is shown in the "Electrical distribution" section.

E. Data communication

Today’s cars are equipped with CAN, LIN & MOST networks that transmit information. Connections to these networks are not shown in their entirety on the respective wiring diagram. Complete information on Data communication can be found in the section entitled "Control modules".

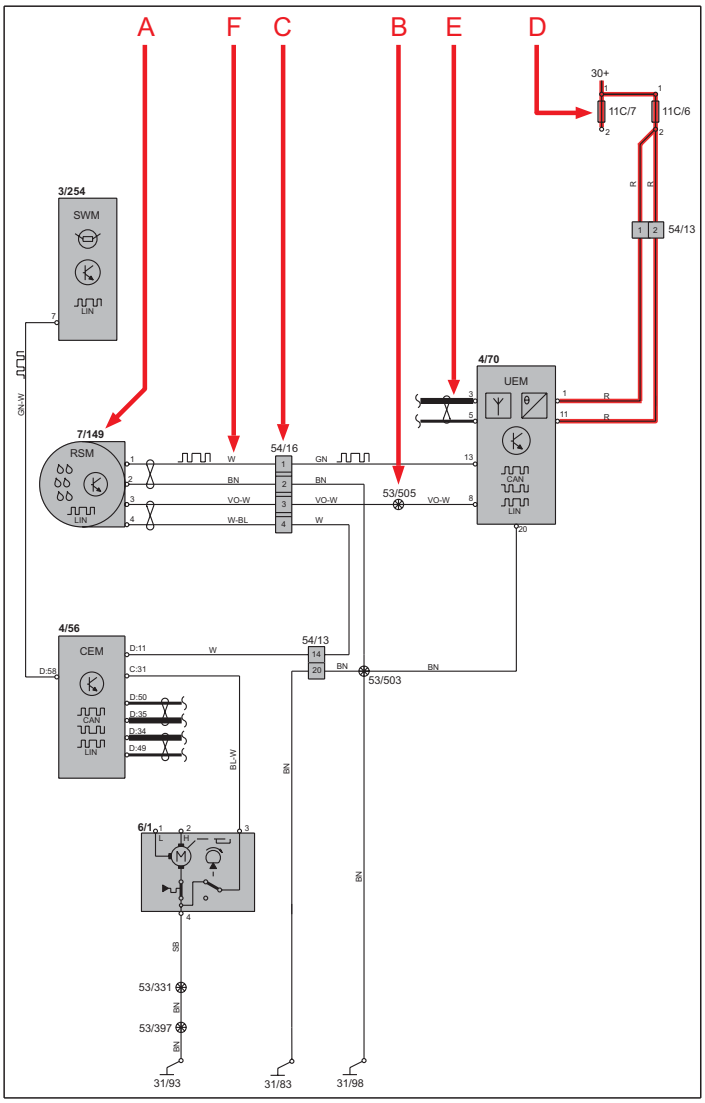
F. Abbreviations

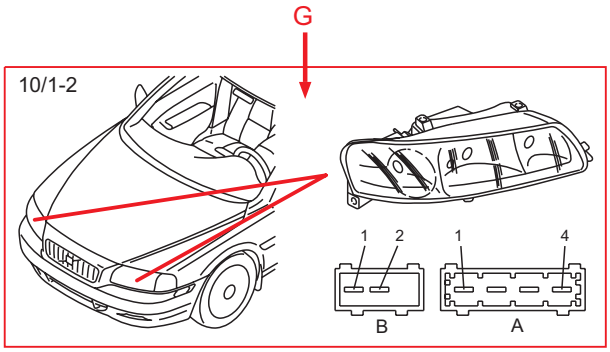
A number of different abbreviations are used in the manual. These are explained in the section "Abbreviations".

G. Component location

There is a section at the end of the manual in which the appearance and location of components is described in numerical order.

How to use the wiring diagrams 2:2





List of symbols

= System voltage

= Ground connection via wiring

= Ground connection in component/chassis

= Screened wire

= Junction point

= Twisted cable

= Electrical connection

= Variant

= CAN communication

= CAN high data signal (CAN H)

= CAN low data signal (CAN L)

= LIN communication

= LIN communication

= DIN cable, coaxial cable, etc.

= Data communication

= CAN communication

= MOST communication

= MOST communication

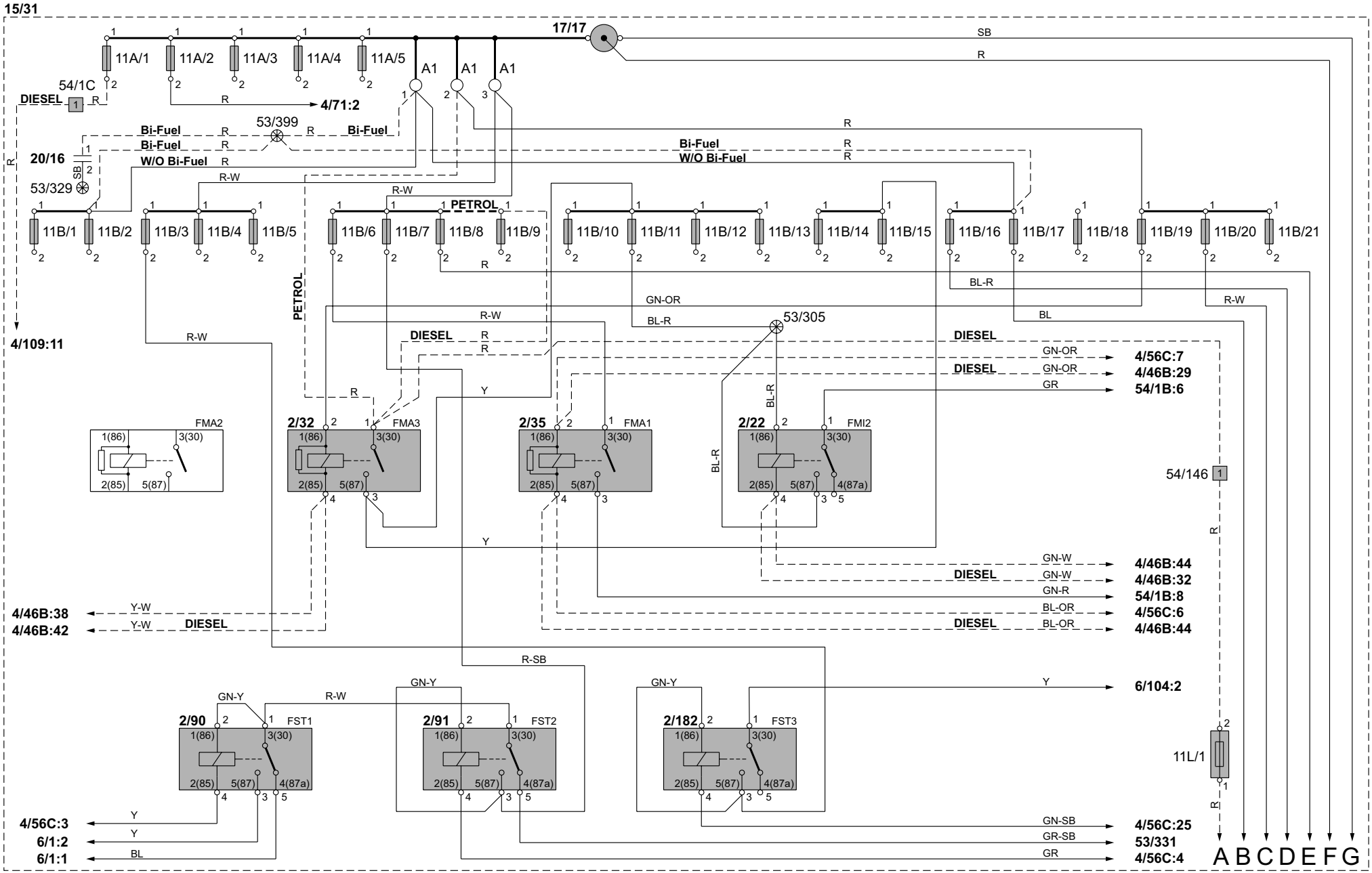
= Connection with distribution box

= Further connection to...

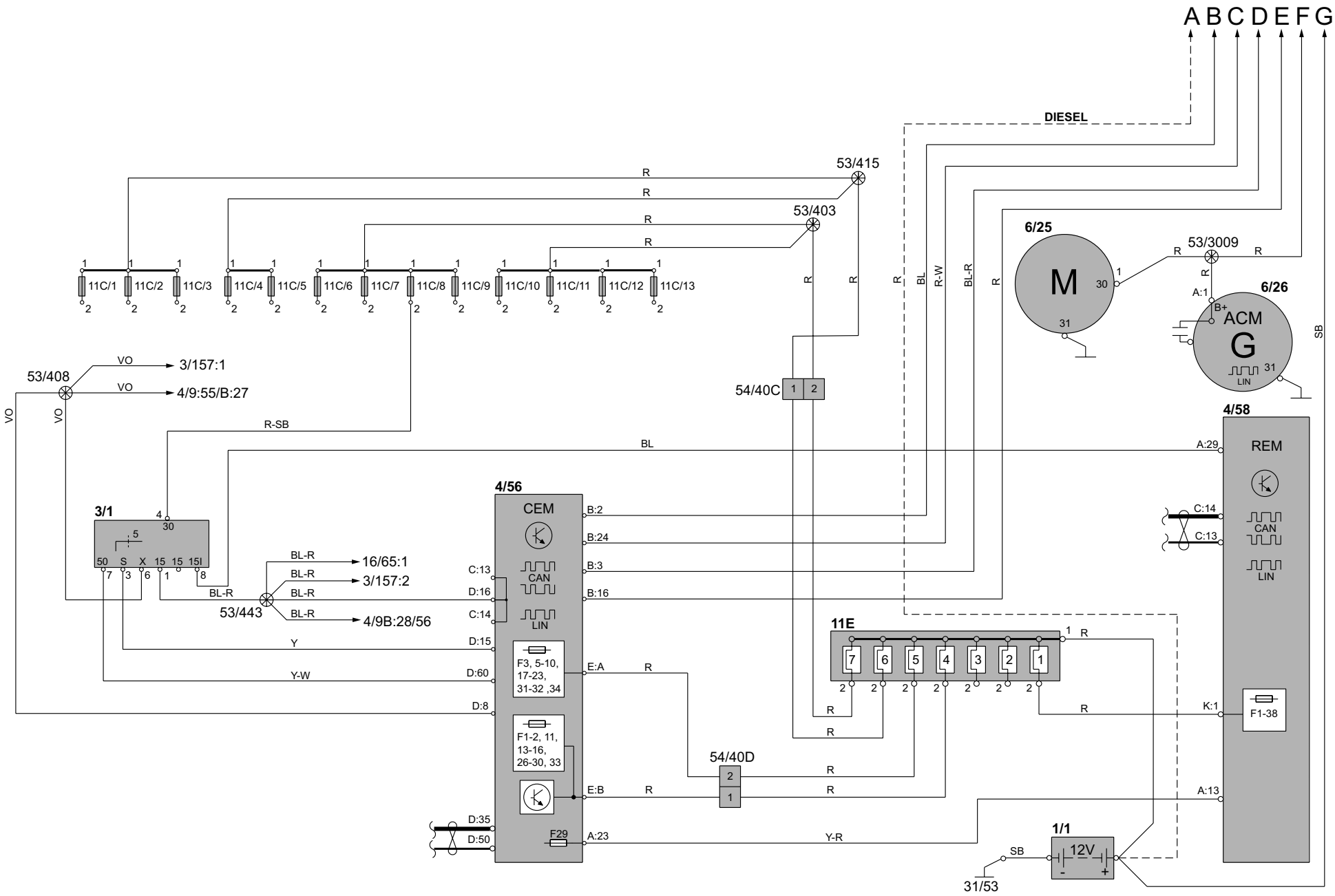
= Connector between cable harnesses

= Connector connected in component

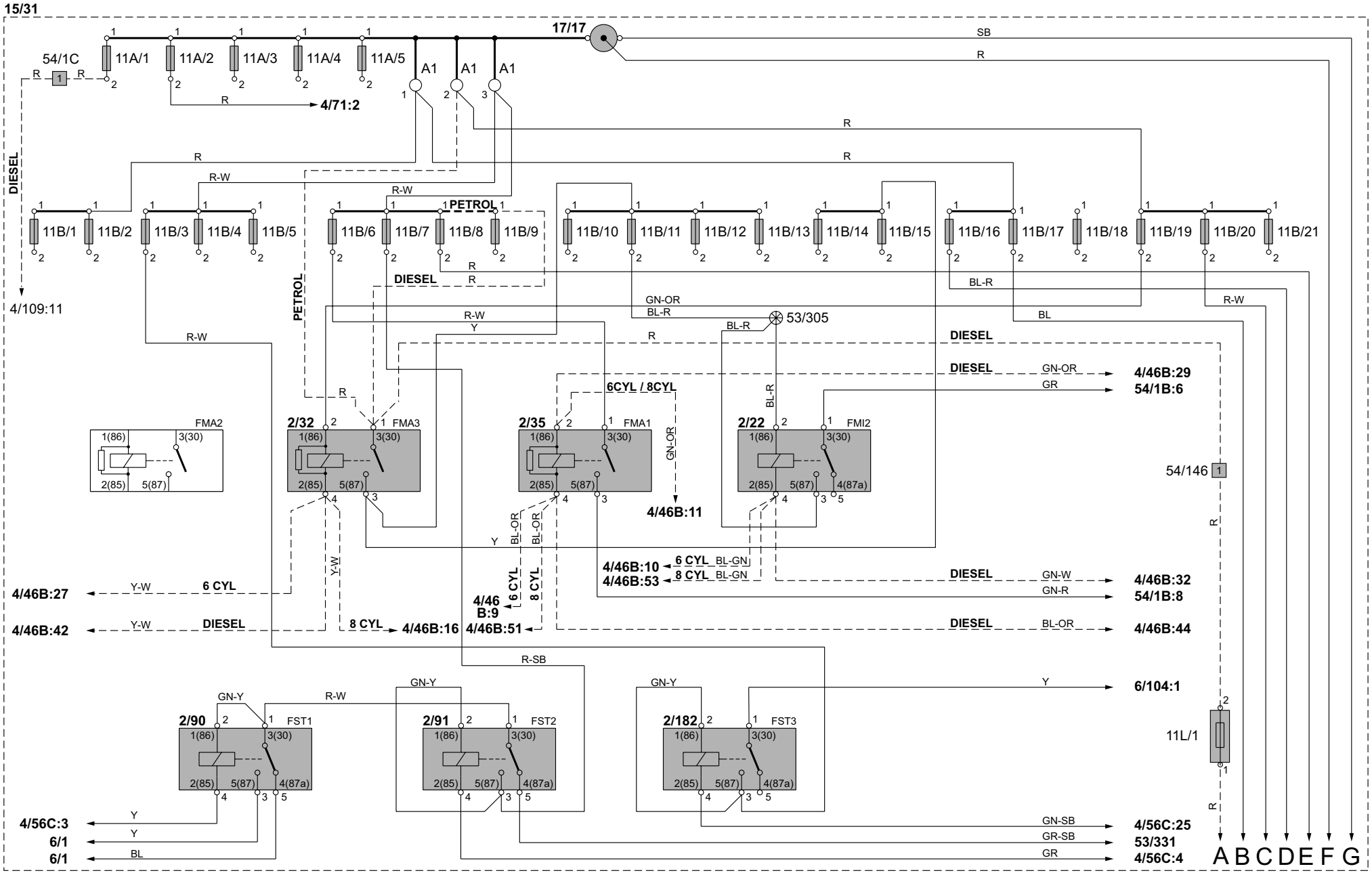
Electrical distribution V70 1:2
Overview



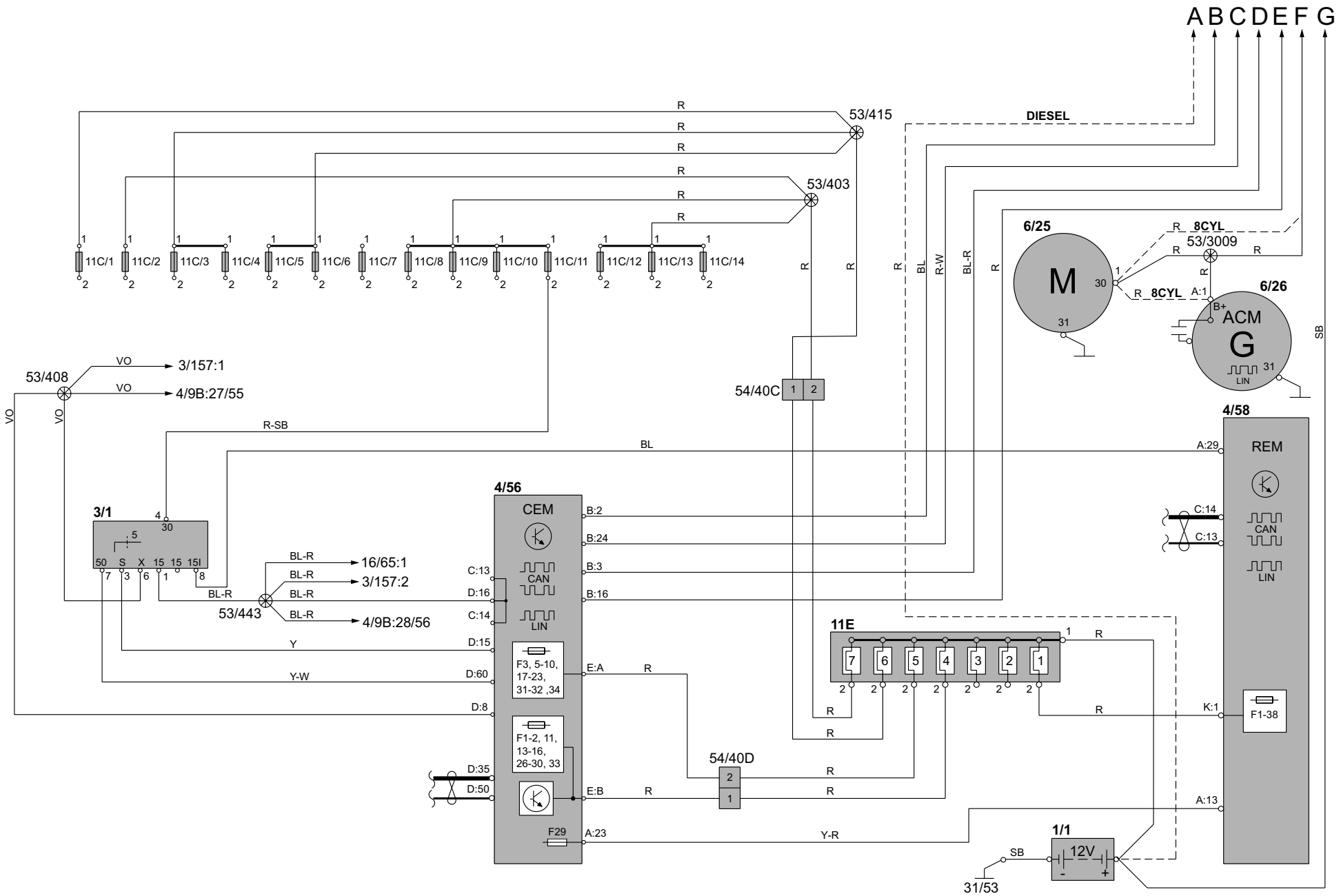
Electrical distribution V70 2:2
Overview



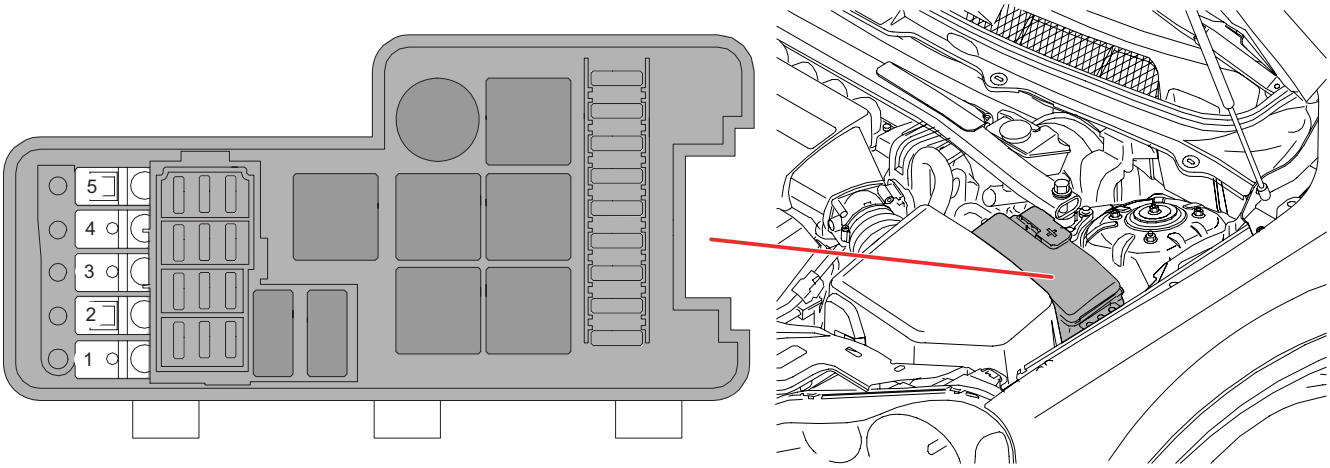
Electrical distribution XC90 1:2
Overview



Electrical distribution XC90 2:2
Overview



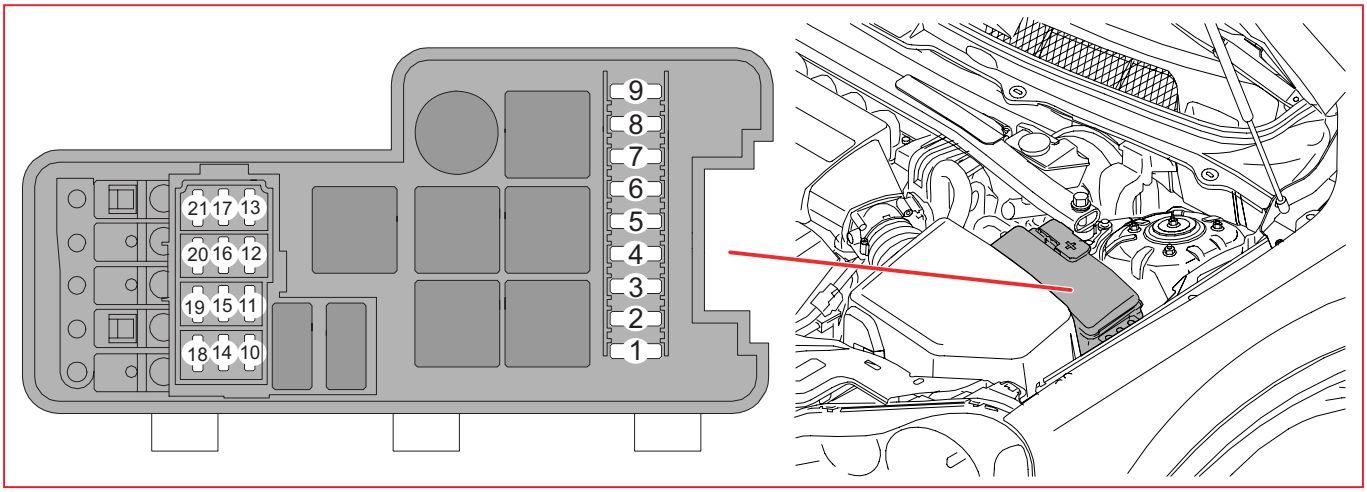
Fuses
Engine compartment 11A/1-5



11A Fuses in engine compartment

No.	Fuse function		via	A
1	4/109 20/22-26	Glow plug control unit (GCU) Glow plug	- 4/109	60
2	6/29	Cooling fan motor, Diesel	4/71	60
3	-		-	-
4	-		-	-
5	-		-	-

Fuses
Engine compartment 11B/1-11

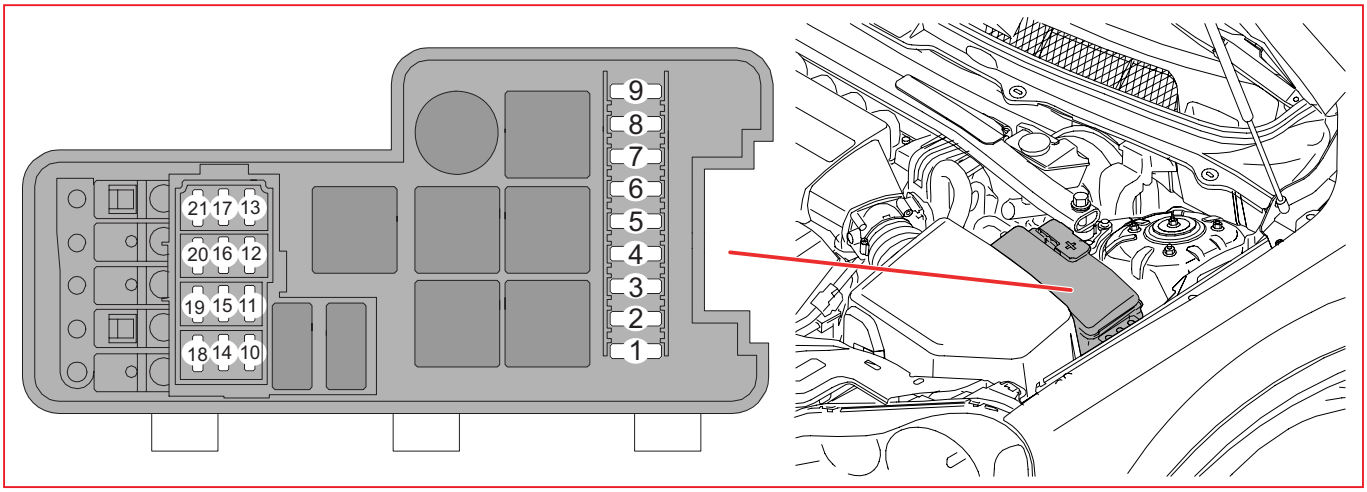


11B Fuses in engine compartment

No.	Fuse function		via	A
1	4/16	Brake Control Module (BCM)	-	30
2	4/16	Brake Control Module (BCM)	-	30
3	6/104	High pressure headlight washer motor	2/182	35
4	6/35 6/73 9/30	Fuel pump, auxiliary heater Coolant pump, auxiliary heater Auxiliary heater	4/7 4/7 4/7	25
5	54/8	Connector, cable harness, auxiliary lights, 30-feed	-	20
6	6/25	Starter motor	2/35	35
7	2/90 2/91 6/1	Relay, windshield wiper, low/high speed Relay, intermittent wiping Windshield wiper motor	2/91 - 2/90, 2/91	25
8	4/83 6/33	Control module fuel pump Fuel pump	4/56 4/56	15
9	4/28	Transmission Control Module (TCM), TF-80SC/TF-80SC AWD	-	15
10	4/46 20/3-8 20/14 20/46-53	Engine Control Module (ECM), Diesel Spark plug and ignition coil, not 8-cyl. Condenser, ignition coils, 8-cyl. Spark plug with ignition coil, 8-cyl.	- - - -	20
11	6/44 7/51 8/3	Cooling fan, electrics box, engine compartment Accelerator pedal sensor Electromagnetic clutch, climate control system	- - 2/22	10

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Fuses
Engine compartment 11B/12-14

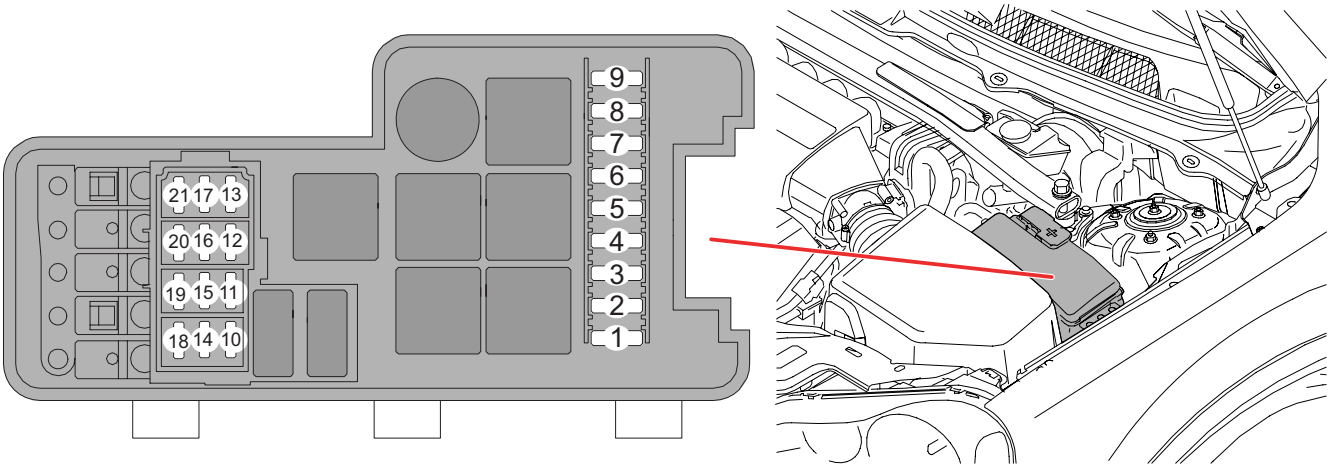


11B Fuses in the engine compartment

No.	Fuse function		via	A
12	7/17	Mass air flow sensor (MAF), Diesel	-	5
	4/46	Engine Control Module (ECM), Gasoline not 8-cyl.	-	15
	7/17	Mass air flow sensor (MAF), Gasoline not 8-cyl.	-	
	8/6-11	Injection valves, Gasoline not 8-cyl.	-	
	8/146-8/153	Injection valves, 8-cyl.	-	
13	4/46	Engine Control Module (ECM), 5-cyl. normally aspirated/8-cyl.	-	10
	4/50	Electronic Throttle Module (ETM), Bi-Fuel	-	
	6/120	Throttle body motor, 5-cyl. normally aspirated/8-cyl.	4/46	
	4/46	Engine Control Module (ECM), Diesel	-	15
	6/118	Swirl throttle control motor, Diesel	4/46	
	6/120	Throttle body motor, Diesel	4/46	
	6/139	Upper actuating motor, intake manifold	-	
	6/140	Lower actuating motor, intake manifold	-	
	8/98	Fuel pressure control valve, Diesel	4/46	
	8/111	Fuel flow control valve	4/46	
14	7/15	Heated oxygen sensor, Diesel	-	10
	4/46	Engine Control Module (ECM), Bi-Fuel	-	20
	7/15	Heated oxygen sensor	-	
	7/82	Heated oxygen sensor, diagnosis 1	-	
	7/103	Heated oxygen sensor 3	-	
	7/15	Front heated oxygen sensor, bank 2, 8-cyl.	-	20
	7/82	Front heated oxygen sensor, bank 1, 8-cyl.	-	
	7/103	Rear heated oxygen sensor, bank 2, 8-cyl.	-	
	7/104	Rear heated oxygen sensor, bank 1, 8-cyl.	-	

continues

Fuses
Engine compartment 11B/15

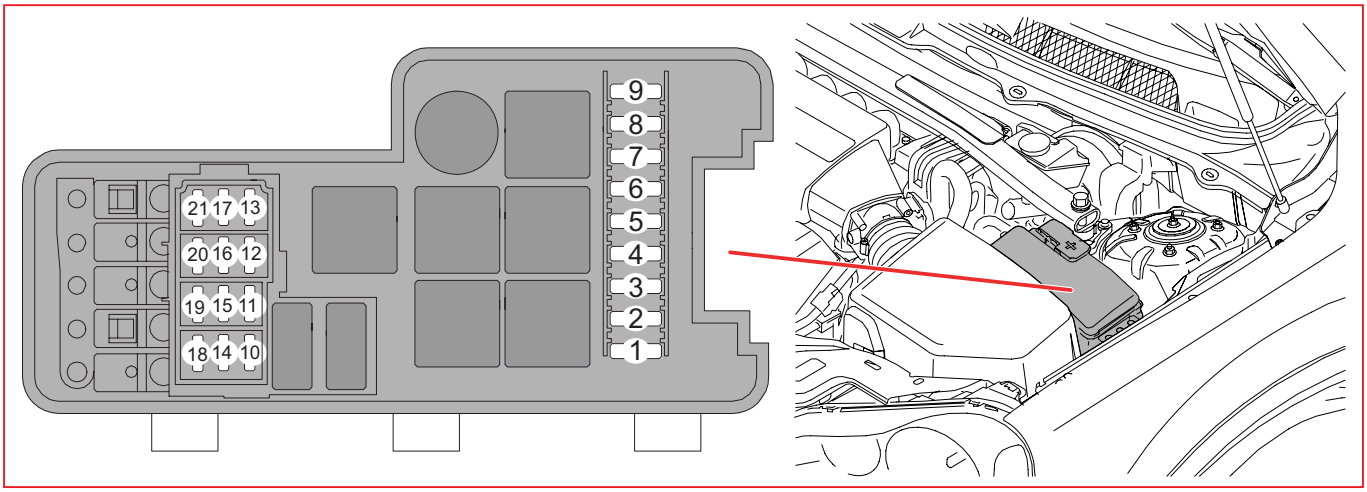


11B Fuses in the engine compartment

No.	Fuse function		via	A
15	6/67	Pump, fuel leakage control	-	10
	6/105	Fuel distributor gas, Bi-Fuel	-	
	8/18	EVAP valve	-	
	8/19	Solenoid, variable valve timing, intake	-	
	8/28	Turbocharger control valve	-	
	8/75	Valve, fuel cut-off DFCO	-	
	8/81	Solenoid, variable valve timing outlet	-	
	9/32	PTC resistor, crankcase ventilation	-	
	8/125	Variable valve lifter, front plane, 6-cyl.	-	15
	8/126	Variable valve lifter, rear plane, 6-cyl.	-	
	4/46	Engine Control Module (ECM), 8-cyl.	-	
	6/67	Pump, fuel leakage control, 8-cyl.	-	
	7/17	Mass air flow sensor (MAF), 8-cyl.	-	
	8/3	Electromagnetic clutch, climate control system, 8-cyl.	-	
	8/18	EVAP valve, 8-cyl.	-	
	8/19	Solenoid, variable valve timing, intake, bank 2, 8-cyl.	-	
	8/81	Solenoid, variable valve timing, exhaust, bank 2, 8-cyl.	-	
	8/107	Valve, variable intake, 8-cyl.	-	
	8/117	Solenoid, variable valve timing, intake, bank 1, 8-cyl.	-	
	8/118	Solenoid, variable valve timing, exhaust, bank 1, 8-cyl.	-	
	4/109	Glow plug control unit (GCU)	-	
	6/143	Turbo control motor, Diesel	-	
	8/64	Solenoid valve, engine pad, Diesel	-	
	8/113	Bypass valve, EGR cooling, Diesel	-	
	8/120	EGR valve, Diesel	-	

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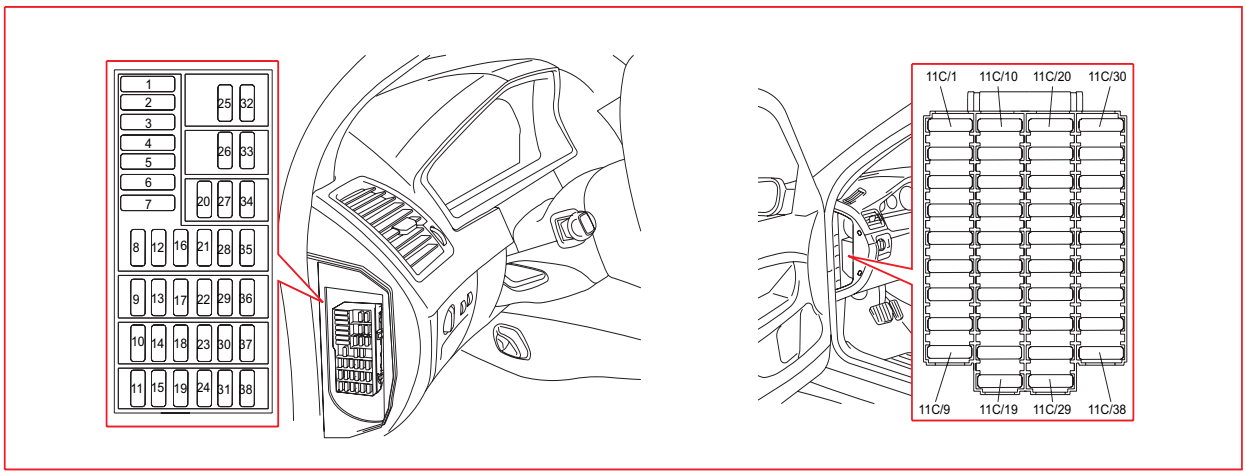
Fuses
Engine compartment 11B/16-20



11B Fuses in the engine compartment

No.	Fuse function		via	A
16	10/1 10/70	Left front lamp housing, daytime running lights Low beam, left	4/56 4/56	20
17	10/2 10/66	Right front lamp housing, daytime running lights Low beam, right	4/56 4/56	20
19	2/32 4/46	Main relay, engine management system Engine Control Module (ECM)	- -	5
20	10/11 10/12 10/71 10/73	Running/parking light, front left Running/parking light, front right Side running light, front left Side running light, front right	4/56 4/56 4/56 4/56	15

Fuses
Passenger compartment 11C/1-4

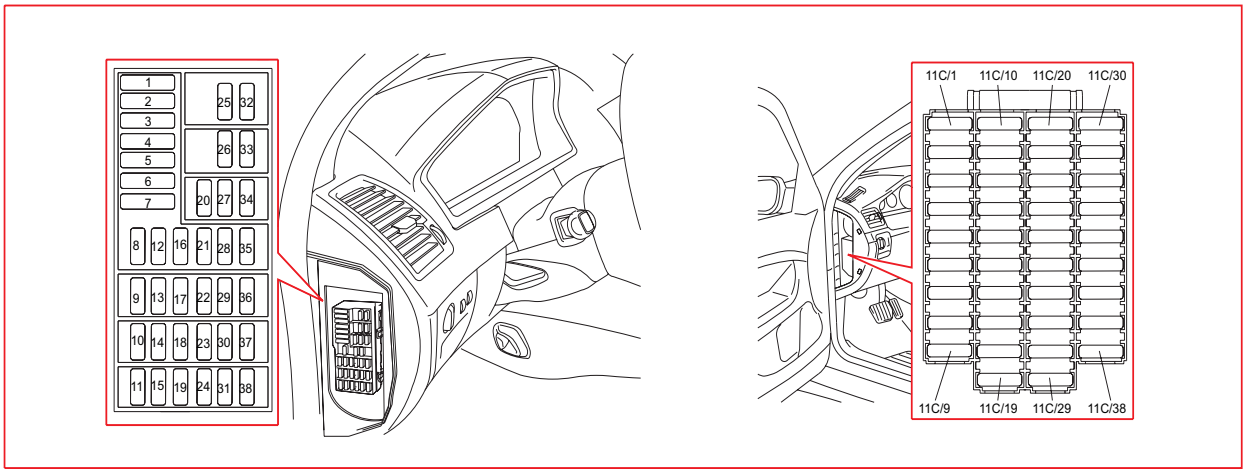


11C Fuses in the passenger compartment

No.	Fuse function		via	A
1	4/52	Power Seat Module (PSM), V70	-	25
	6/16	Driver seat motor, backrest angle, V70	4/52	
	6/17	Driver seat motor, up/down front edge, V70	4/52	
	6/18	Driver seat motor, up/down rear edge, V70	4/52	
	6/19	Driver seat motor, forward/backward, V70	4/52	
	6/28	Motor, passenger compartment fan, XC90	4/31	30
2	6/20	Passenger seat motor, forward/backward, V70	3/27	25
	6/64	Passenger seat motor, backrest angle, V70	3/27	
	6/65	Passenger seat motor, up/down front edge, V70	3/27	
	6/66	Passenger seat motor, up/down rear edge, V70	3/27	
	16/105	Audio Module (AUD), XC90	-	30
3	6/28	Motor, passenger compartment fan, V70	4/31	30
	4/52	Power Seat Module (PSM), XC90	-	25
	6/16	Driver seat motor, backrest angle, XC90	4/52	
	6/17	Driver seat motor, up/down front edge, XC90	4/52	
	6/18	Driver seat motor, up/down rear edge, XC90	4/52	
	6/19	Driver seat motor, forward/backward, XC90	4/52	
4	3/75	Lock unit, right front door, V70	3/127	25
	3/127	Passenger/Driver Door Module (PDM)/(DDM), V70	-	
	6/60	Front right power window motor, V70	3/127	
	6/63	Right power exterior rearview mirror, V70	3/127	
	9/34	Right heated exterior rearview mirror, V70	3/127	
	10/149	Right exterior rearview mirror lighting, V70	3/127	
	6/20	Passenger seat motor, forward/backward, XC90	3/27	
	6/64	Passenger seat motor, backrest angle, XC90	3/27	
	6/65	Passenger seat motor, up/down front edge, XC90	3/27	
	6/66	Passenger seat motor, up/down rear edge, XC90	3/27	

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Fuses
Passenger compartment 11C/5-7

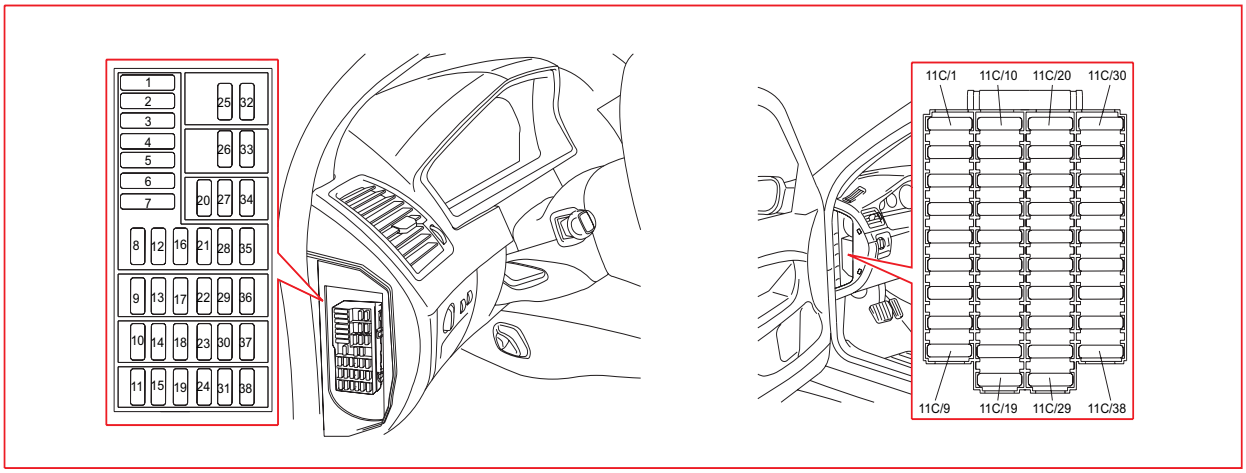


11C Fuses in the passenger compartment

No.	Fuse function		via	A
5	3/74	Lock unit, left front door, V70	3/126	25
	3/126	Driver/Passenger Door Module (DDM)/(PDM), V70	-	
	6/58	Front left power window motor, V70	3/126	
	6/62	Left power exterior rearview mirror, V70	3/126	
	9/33	Left heated exterior rearview mirror, V70	3/126	
	10/148	Left exterior rearview mirror lighting, V70	3/126	
	3/74	Left front door lock unit, XC90	3/126	
	3/126	Driver/Passenger Door Module (DDM)/(PDM), XC90	-	
	6/58	Front left power window motor, XC90	3/126	
	6/62	Left power exterior rearview mirror, XC90	3/126	
	9/33	Left heated exterior rearview mirror, XC90	3/126	
	10/148	Left exterior rearview mirror lighting, XC90	3/126	
6	3/117	Ceiling light switch unit, V70	4/70	10
	4/33	Sun Roof Module (SRM), V70	4/70	
	4/70	Upper Electronic Module (UEM), V70	-	
	4/76	Remote controlled garage door opener, V70	4/70	
	7/149	Rain Sensor Module (RSM), V70	4/70	
	10/25	Ceiling light, cargo compartment, V70	4/70	
	10/114	Left-hand vanity mirror lighting, V70	4/70	
	10/115	Right-hand vanity mirror lighting, V70	4/70	
	10/150	Rear reading light, V70	4/70	
	3/75	Lock unit, right front door, XC90	3/127	25
	3/127	Passenger/Driver Door Module (PDM)/(DDM), XC90	-	
	6/60	Front right power window motor, XC90	3/127	
	6/63	Right power exterior rearview mirror, XC90	3/127	
	9/34	Right heated exterior rearview mirror, XC90	3/127	
	10/149	Right exterior rearview mirror lighting, XC90	3/127	
7	6/15	Sunroof motor, V70	4/33	15

continues

Fuses
Passenger compartment 11C/8-10

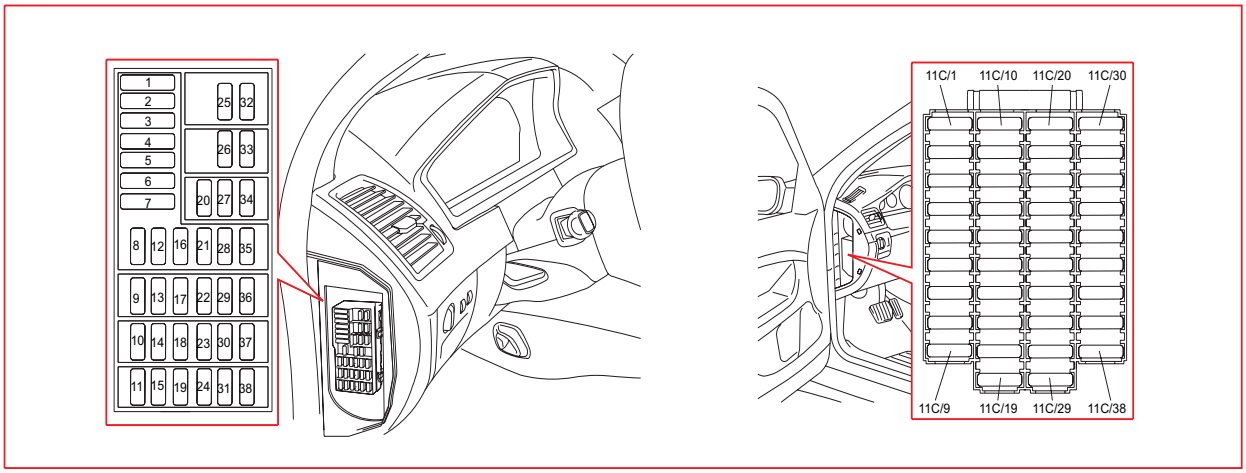


11C Fuses in the passenger compartment

No.	Fuse function		via	A
8	3/157	Switch airbag passenger side, V70	3/1	7.5
	4/9	Supplemental Restraint System module (SRS), V70	3/1	
	4/28	Transmission Control Module (TCM), V70	3/1, 4/56	
	4/46	Engine Control Module (ECM), V70	3/1, 4/56	
	4/56	Central Electronic Module (CEM), V70	3/1	
	4/58	Rear Electronic Module (REM), V70	3/1	
	11O/1	Fuses in spare fuse holder, passenger compartment V70	-	
	11O/2	Fuses in spare fuse holder, passenger compartment V70	3/1	
	16/65	Antenna ring/ignition switch lighting, V70	3/1	
	16/1	Integrated Audio Module (IAM), XC90	-	15
	16/109	DVD player/control module, XC90	-	
9	3/111	Light Switch Module (LSM), V70	-	5
	3/254	Steering Wheel Module (SWM), V70	-	
	4/68	Steering Wheel Angle Sensor Module (SAS), V70	3/254	
	17/13	Data link connector, V70	-	
	4/124	Accessory USB unit (AUU), XC90	-	10
	16/46	Multimedia display, XC90	-	
	16/108	Multimedia Module (MMM), XC90	-	
	16/109	DVD player/control module, XC90	-	
	16/139	Global Positioning System Module (GPS), XC90	-	
	16/145	Remote Digital Audio Receiver (RDAR), XC90	-	
	54/112	Connector, Infotainment cable harness, 30-feed, XC90	-	
10	16/1	Audio Module (AUM), V70	-	20
	16/93	Control module, cellular phone handsfree, V70	-	
	3/111	Light Switch Module (LSM), XC90	-	5
	3/254	Steering Wheel Module (SWM), XC90	-	
	4/68	Steering Wheel Angle Sensor Module (SAS), XC90	3/254	
	17/13	Data link connector, XC90	-	

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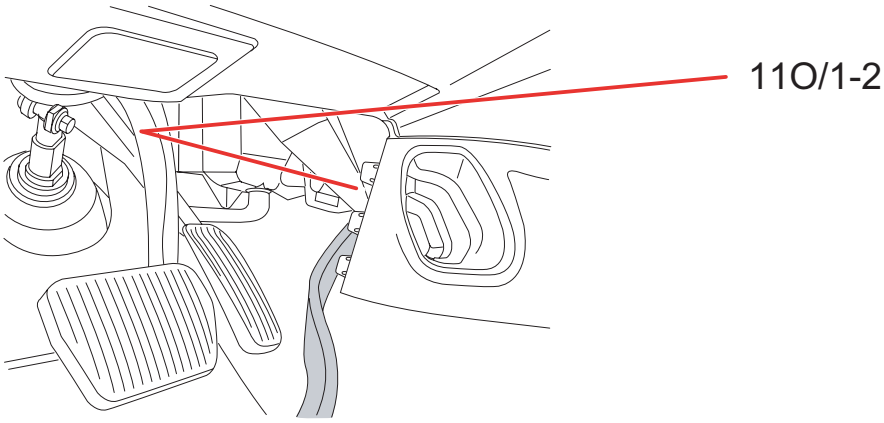
Fuses
Passenger compartment 11C/11-14



11C Fuses in the passenger compartment

No.	Fuse function		via	A
11	16/2	Amplifier, V70	-	30
	3/157	Switch airbag passenger side, XC90	3/1	7.5
	4/9	Supplemental Restraint System module (SRS), XC90	3/1	
	4/28	Transmission Control Module (TCM), XC90	3/1, 4/56	
	4/46	Engine Control Module (ECM), XC90	3/1, 4/56	
	4/56	Central Electronic Module (CEM), XC90	3/1	
	4/58	Rear Electronic Module (REM), XC90	3/1	
	11O/1	Fuses in spare fuse holder, passenger compartment XC90	-	
	11O/2	Fuses in spare fuse holder, passenger compartment XC90	3/1	
	16/65	Antenna ring/ignition switch lighting, XC90	3/1	
12	16/46	RTI display, V70	-	10
	3/117	Ceiling light switch unit, XC90	4/70	
	4/33	Sun Roof Module (SRM), XC90	4/70	
	4/70	Upper Electronic Module (UEM), XC90	-	
	4/76	Remote controlled garage door opener, XC90	4/70	
	7/149	Rain Sensor Module (RSM), XC90	4/70	
	10/114	Left-hand vanity mirror lighting, XC90	4/70	
	10/115	Right-hand vanity mirror lighting, XC90	4/70	
	10/150	Rear reading light, XC90	4/70	
	10/172	Reading light, third row of seats, XC90	4/70	
13	16/60	Phone Module (PHM), V70	-	5
	4/70	Upper Electronic Module (UEM), XC90	-	15
	6/15	Sunroof motor, XC90	4/33	-
14	16/60	Phone Module (PHM), XC90	-	5

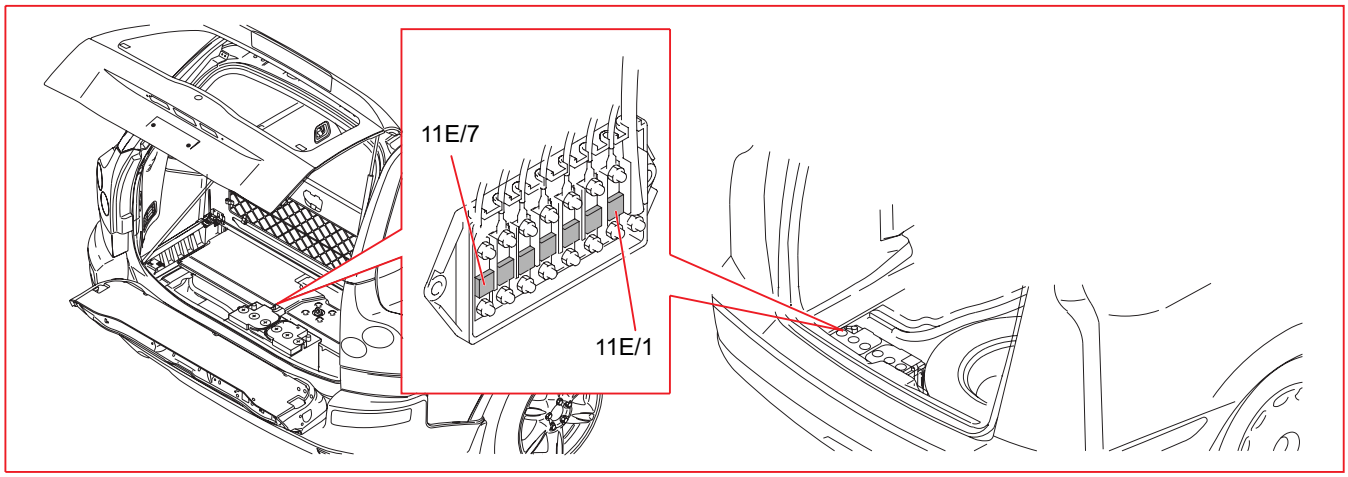
Fuses
Passenger compartment 11O/1-2



11O/1-2 Fuses in spare fuse holder, passenger compartment

No.	Fuse function	via	A
1	Alcohol lock Alcohol lock	- 2/241	5
2	Alcohol lock	-	5

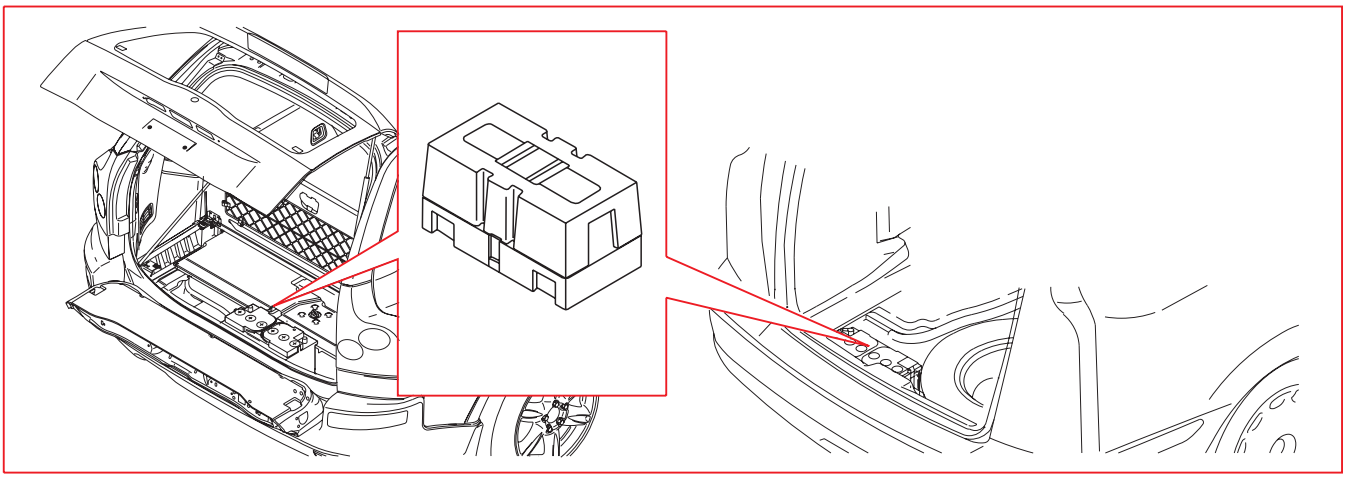
Fuses
Cargo compartment 11E/1-7



11E Fuses by battery

No.	Fuse function		via	A
1	4/58	Rear Electronic Module (REM) Main fuse for: F1-F38	- -	60
2	11M/1	Fuse in spare fuse holder, cargo compartment	-	40
4	4/56	Central Electronic Module (CEM) Main fuse for: F1-F2, F11, F13-F16, F26-F30, F33	- -	50
5	4/56	Central Electronic Module (CEM) Main fuse for: F3, F5-F10, F17-F23, F31-F32, F34	- -	50
6	11C/1-5	Fuses in the passenger compartment fuse box, V70	-	50
	11C/1, 3-6	Fuses in the passenger compartment fuse box, XC90	-	
7	11C/6-13	Fuses in the passenger compartment fuse box, V70	-	50
	11C/2, 9-14	Fuses in the passenger compartment fuse box, XC90	-	

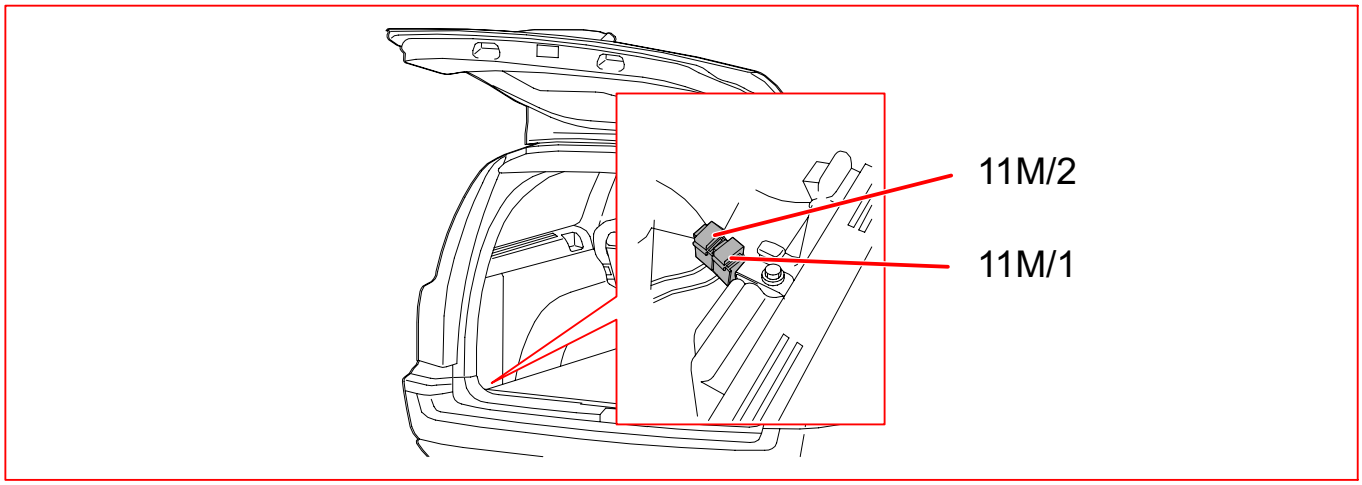
Fuses
Cargo compartment 11L/1



11L Fuse Diesel

No.	Fuse function		via	A
1	11B/9 11B/10-15	Fuses in engine compartment fuse box Fuses in engine compartment fuse box	- 2/32	50

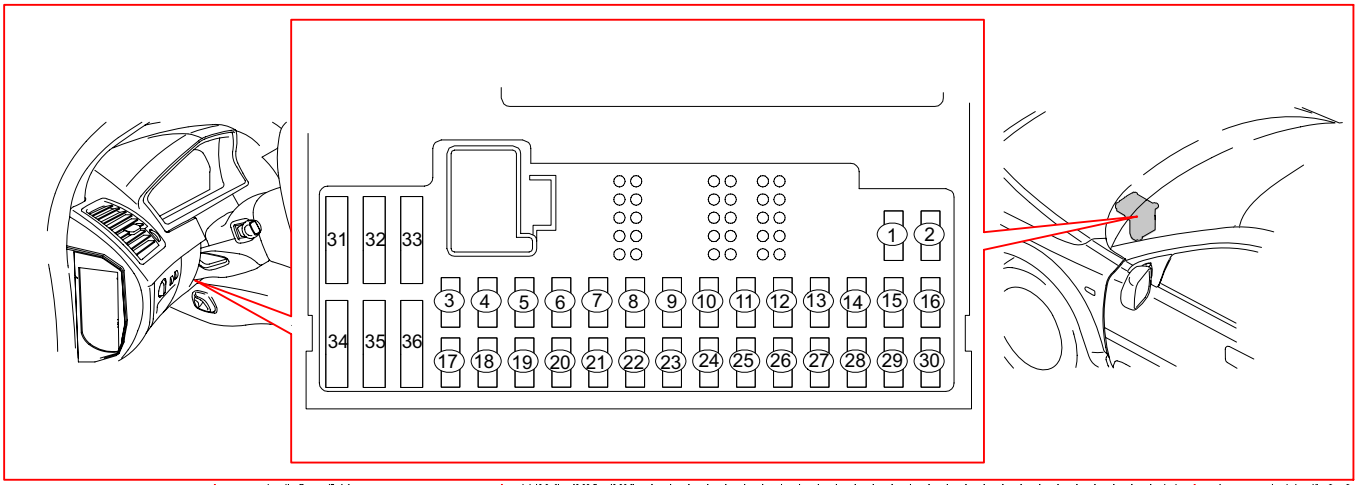
Fuses
Cargo compartment 11M/1-2



11M/1-2 Fuses in spare fuse holder, cargo compartment V70

No.	Fuse function	via	A
1	16/82 DVD player / control module, 30-feed 16/122 Rear Audio Separation module (RAS), 30-feed	- -	10
2	16/82 DVD player / control module, X-feed	-	5

Fuses
Central Electronic Module (CEM) F1-F14

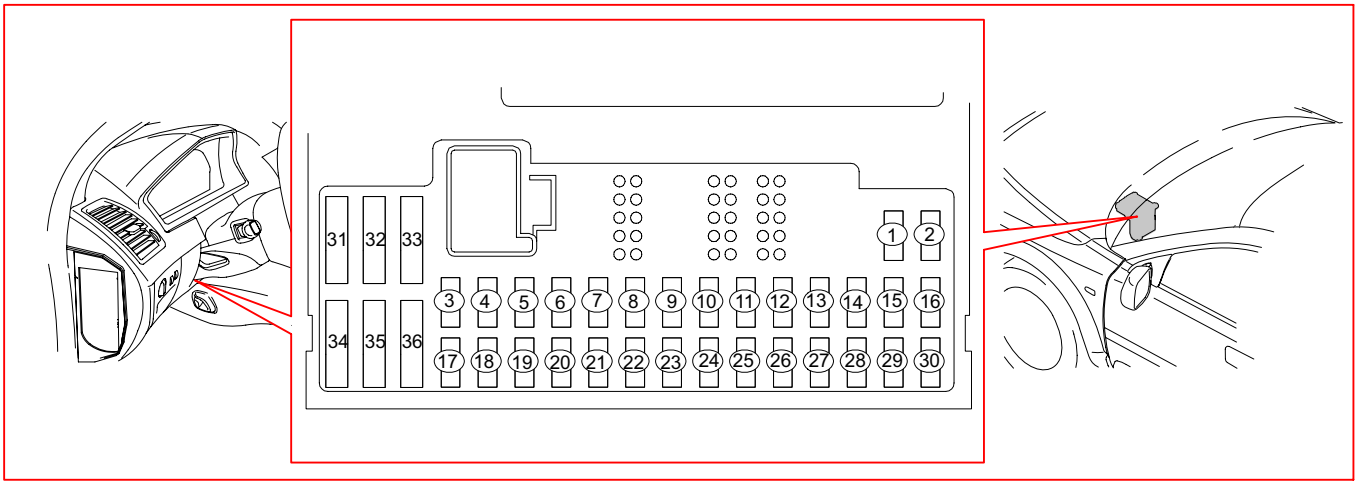


4/56 Central Electronic Module (CEM)

No.	Fuse function		via	A
F1	9/13	Seat Heating Module (SHM), right-hand	-	15
F2	9/12	Seat Heating Module (SHM), left-hand	-	15
F3	16/10	Horn 1	-	15
	16/11	Horn 2, V70	-	
F5	16/46	Multimedia display, XC90	-	10
	16/94	Infotainment Control Module (ICM), XC90	-	
	16/105	Audio Module (AUD)	-	
	16/108	Multimedia Module (MMM), XC90	-	
	16/109	DVD player/control module, XC90	-	
	54/112	Connector, Infotainment cable harness, extended D-feed, XC90	-	
F8	16/35	Siren Control Module (SCM)	-	5
F9	3/9	Contact brake light	-	5
F10	3/112	Climate Control Module (CCM)	-	10
	4/7	Combustion Preheater Module (CPM)	-	
	4/52	Power Seat Module (PSM)	-	
	5/1	Driver Information Module (DIM)	-	
	6/48	Damper Motor Module (DMM), recirculation	-	
	6/69	Damper Motor Module (DMM), ventilation/floor/defroster	-	
	6/95	Damper Motor Module (DMM), temperature, left-hand side	-	
	6/96	Damper Motor Module (DMM), temperature, right-hand side	-	
	6/102	Damper Motor Module (DMM), defroster	-	
	6/103	Damper Motor Module (DMM), floor/ventilation	-	
	7/93	Occupant Weight Sensor (OWS)	-	
	7/159	Air Quality Sensor (AQS)	-	
F11	9/1	Outlet 12V front	-	15
	9/25	Outlet 12V rear	-	
	11M/2	Fuse in spare fuse holder, cargo compartment V70	-	
F14	6/3	Right-hand headlight wiper motor, V70	-	15
	6/4	Left-hand headlight wiper motor, V70	-	

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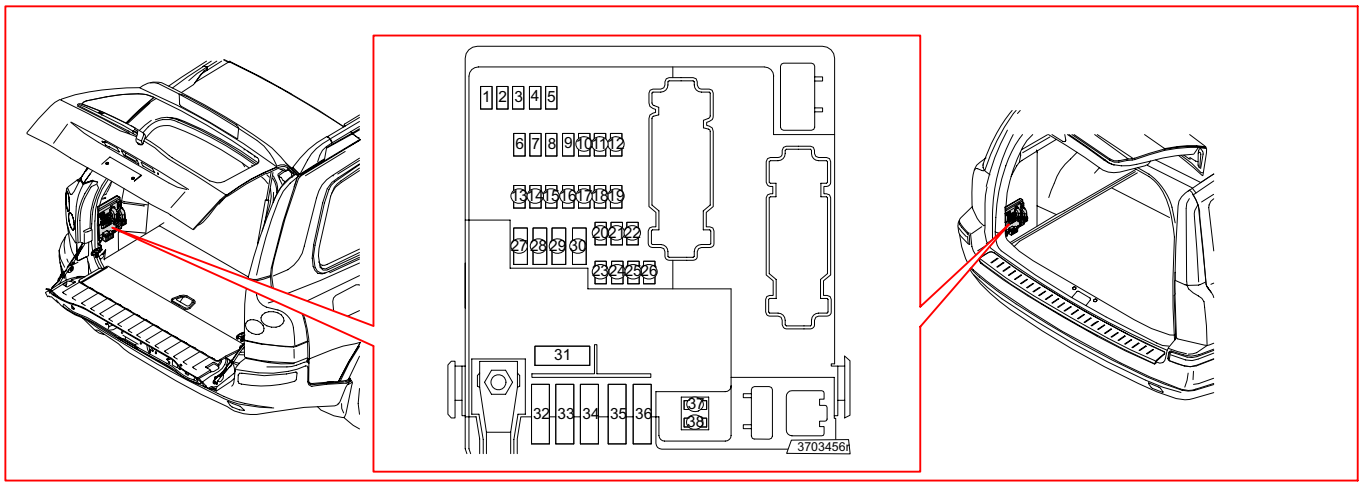
Fuses
Central Electronic Module (CEM) F15-F34



4/56 Central Electronic Module (CEM)

No.	Fuse function		via	A
F15	4/16	Brake Control Module (BCM)	-	5
F16	4/99	Electronic power steering control module	-	10
	4/118	Headlight Control Module (HCM)	-	
	6/38	Motor, left headlight adjustment	-	
	6/39	Motor, right headlight adjustment	-	
	10/1	Left front lamp housing, Bi-Xenon	-	
	10/2	Right front lamp housing, Bi-Xenon	-	
F17	10/5	Fog light, front left	-	7.5
F18	10/6	Fog light, front right	-	7.5
F20	6/113	Coolant pump, 8-cyl.	-	5
F21	3/156	Gear Selector Module (GSM)	-	10
	4/28	Transmission Control Module (TCM)	-	
	8/36	Solenoid shift lock	3/156	
	8/134	Solenoid, reverse interlock, manual	-	
F22	10/68	High beam, left	-	10
F23	10/64	High beam, right	-	10
F28	3/27	Switch unit, power passenger seat	-	5
	16/1	Audio Module (AUM), V70	-	
	16/46	RTI display, accessory, V70	-	
	16/93	Control module, cellular phone handsfree, V70	-	
	16/109	DVD player/control module, XC90	-	
F29	6/31	Feed pump, ejectors	4/58	7.5
	8/88	Solenoid, fuel tank, Bi-Fuel, rear	4/58	
	8/89	Solenoid, fuel tank, Bi-Fuel, front left	4/58	
	8/90	Solenoid, fuel tank, Bi-Fuel, front right	4/58	
F30	27/3	Left Camera Module (LCM)	-	5
	27/4	Right Camera Module (RCM)	-	
F33	6/114	Vacuum pump	8/84	20
F34	6/3	Right-hand headlight wiper motor, V70	-	15
	6/4	Left-hand headlight wiper motor, V70	-	
	6/127	Washer motor	-	

Fuses
Rear Electronic Module (REM) F1-F7

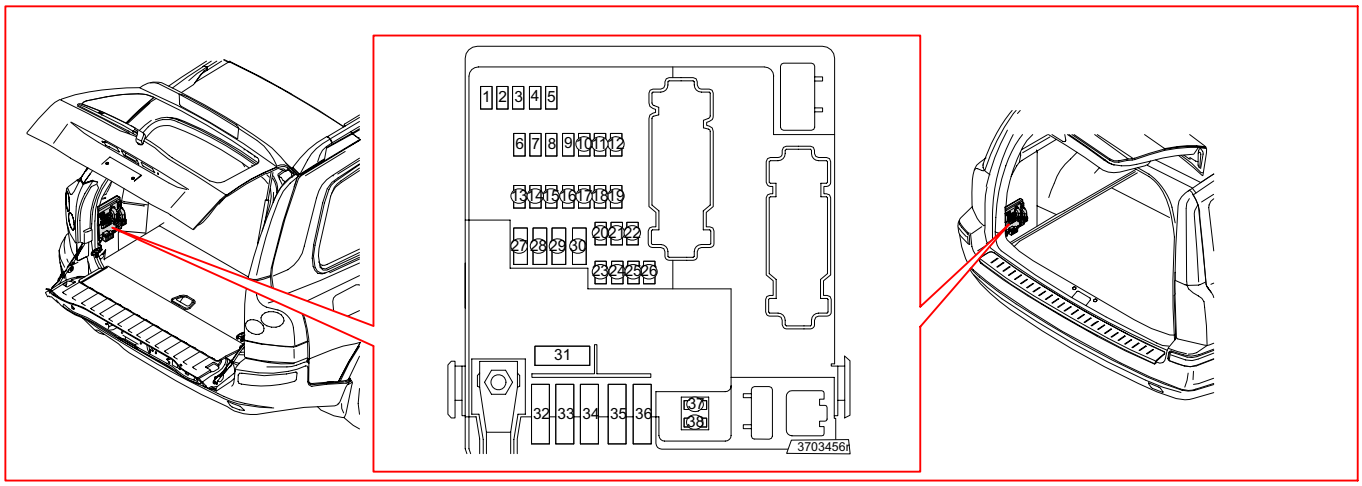


4/58 Rear Electronic Module (REM)

No.	Fuse function		via	A
F1	10/48	Reversing light, right	-	10
	10/55	Reversing light, left	-	
	16/122	Rear Audio Separation module (RAS), V70	-	
	54/98	Connector, cable harness, rear seat entertainment, reverse gear signal, XC90	-	
F2	10/3	License plate lighting	-	20
	10/19	Brake light extra	-	
	10/44	Tail light 1, right	-	
	10/46	Fog light, rear right	-	
	10/51	Tail light 1, left	-	
	10/53	Fog light, rear left	-	
	10/45	Tail light 2, right, V70	-	
	10/52	Tail light 2, left, V70	-	
	10/173	Cargo compartment lighting, tailgate, XC90	-	
F3	4/78	Accessory Electronic Module (AEM)	-	15
	4/106	Control module, remote parking heater start	-	
F5	4/58	Rear Electronic Module (REM)	-	10
F6	16/15	CD changer, V70	-	7.5
	16/36	TV receiver, V70	16/45	
	16/45	Road Traffic Information module (RTI), V70	-	
	16/46	RTI display, accessory, V70	-	
	16/149	MP3 player, V70	-	
	16/82	DVD player roof mounted, XC90	-	
	54/98	Connector, rear seat entertainment cable harness, 30-feed, XC90	-	
F7	17/39	13-pin outlet, tow hitch cable harness	-	15

continues

Fuses
Rear Electronic Module (REM) F8-F28

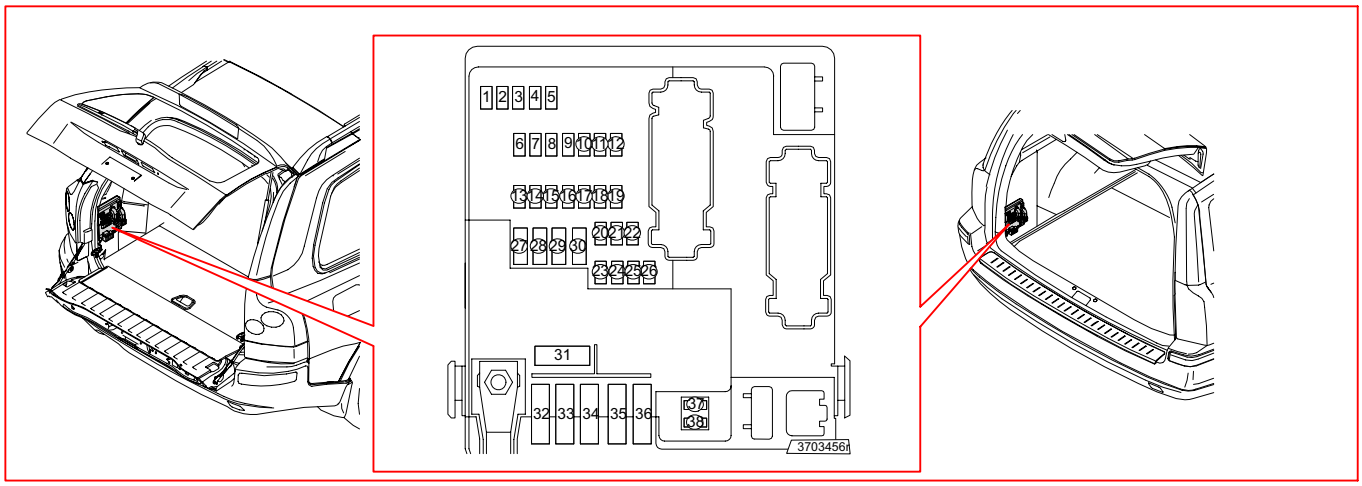


4/58 Rear Electronic Module (REM)

No.	Fuse function		via	A
F8	17/19	12V outlet, cargo compartment	-	15
F9	2/139 3/86 6/93	Deadlock relay, right-hand rear door Power window switch, right rear door Motor, rear right power window	- - 3/86	20
F10	2/138 3/85 6/92	Deadlock relay, left-hand rear door Power window switch, left rear door Motor, rear left power window	- - 3/85	20
F13	8/85	Thermostatic switch and fuel filter heating	-	15
F14	16/79	Bass speaker, V70	-	15
	6/76 16/79	Climate control system, rear XC90 Subwoofer Module (SUB), XC90	- -	
F17	16/145	Satellite radio receiver, V70	-	5
F19	6/32	Rear window wiper motor	-	15
F20	17/38 17/39	7-pin outlet, tow hitch cable harness 13-pin outlet, tow hitch cable harness	- -	20
F21	Spare		-	10
F23	4/82	Differential Electronic Module (DEM)	-	7.5
F24	4/84	Suspension Module (SUM), V70	-	15
F26	4/86	Parking Assistance Module (PAM)	-	5
F27		Main fuse for F20, F21, F23, F24, F26	-	30
F28	3/76 3/77 3/78 6/37	Lock unit, left rear door Lock unit, right rear door Lock unit, tailgate Lock motor, fuel filler flap	- - - -	15

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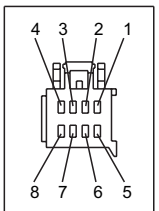
Fuses
Rear Electronic Module (REM) F29-F38



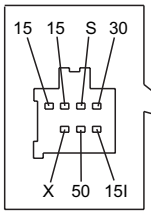
4/58 Rear Electronic Module (REM)

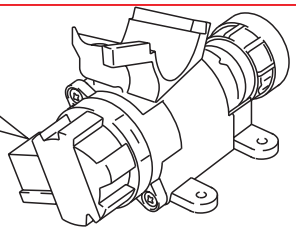
No.	Fuse function		via	A
F29	4/110	Trailer Module	-	25
		- running light	-	
		- left-hand direction indicator	-	
	26/4	Converter, direction indicators & brake lights, USA	-	
		- running light	-	
		- left-hand direction indicator	-	
F30	4/110	Trailer Module	-	25
		- brake lights	-	
		- fog lights	-	
		- right-hand direction indicator	-	
F31		Main fuse for F37-F38	-	40
F37	9/2	Heated rear window	-	20
F38	9/2	Heated rear window	-	20

Relays
Ignition switch and relays



Term.	Color
1	BL-R
2	-
3	Y
4	R-SB
5	-
6	VO
7	Y-W
8	BL



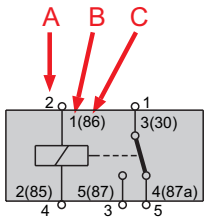




Position	Terminal						
	30	15	15	X	15I	S	50
Key Out	X						
0	X					X	
I	X			X		X	
II	X	X	X	X	X	X	
III	X	X	X			X	X

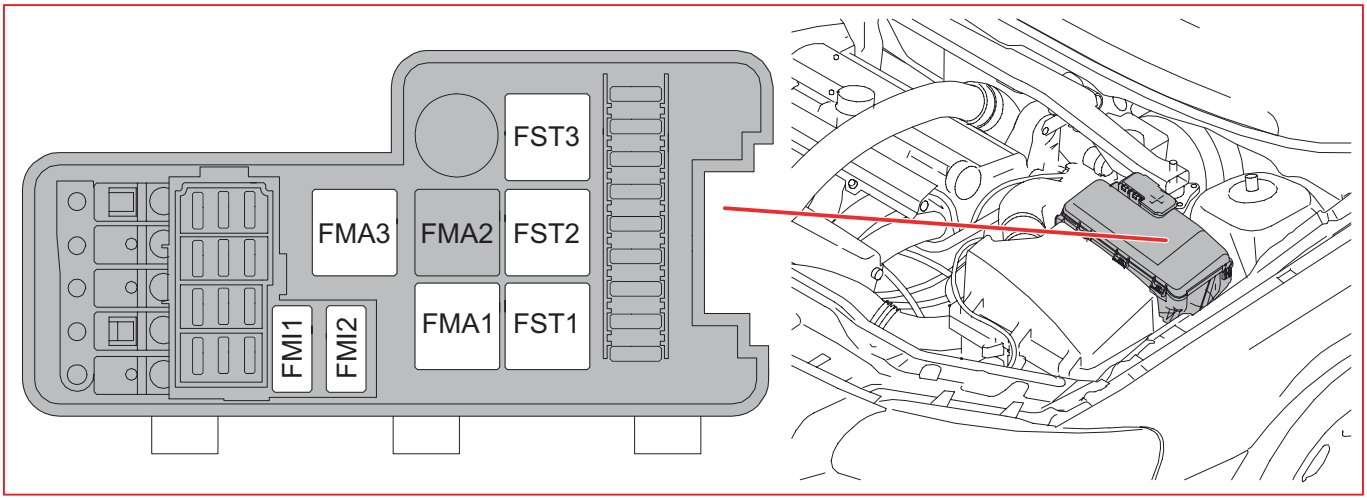
Relays, general

The diagram indicates two or three different designations for the relay's position. This is described below.



A = Corresponds to the position on the back of the relay box (wiring side)
B = Corresponds to the position on the relay
C = An old designation that may be found on the relay

Relays
Engine compartment FMA1 - FST3



Relays in the engine compartment

Pos	Relay function	
FMA1	2/35	Relay, starter motor
FMA3	2/32	Main relay, engine management system
FMI2	2/22	Relay, climate control system
FST1	2/90	Relay, windshield wiper, low/high speed
FST2	2/91	Relay, intermittent wiping
FST3	2/182	Relay, high pressure headlight washer motor

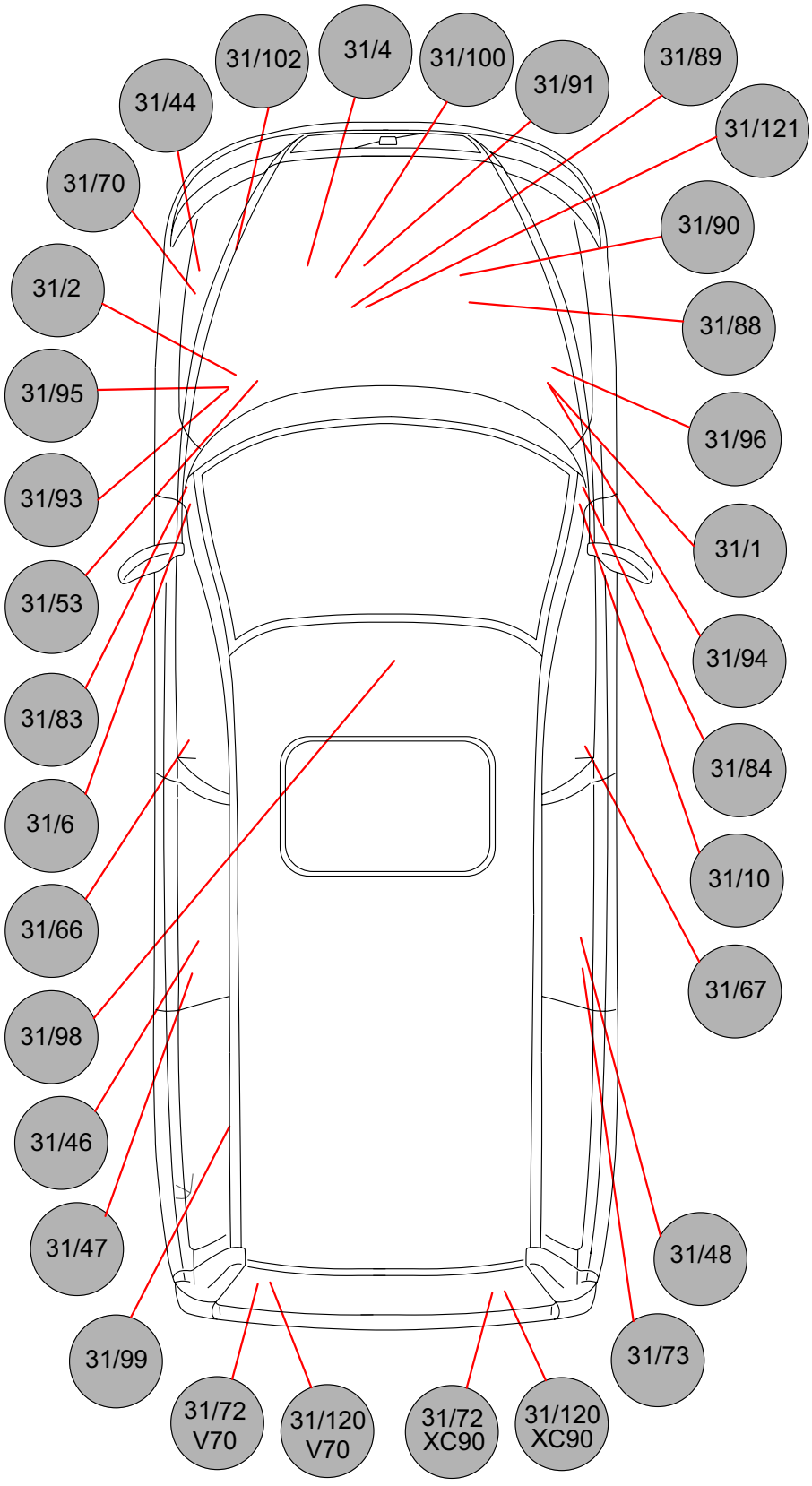
Relays
Other relays
Other relays

Pos	Relay function	
Left-hand rear door	2/138	Deadlock relay, left-hand rear door
Right-hand rear door	2/139	Deadlock relay, right-hand rear door

Relays accessories

Pos	Relay function	
Engine compart-ment	2/64	Relay auxiliary lights
Cargo compart-ment	2/191	Relay, remote parking heater start, radio signal
Front member	2/192	Relay, electric engine heater
By climate control system	2/240 2/241	Alcohol lock relay, wake-up Alcohol lock relay, interior lighting

Ground connections
Overview



Ground connections
31/1 - 31/44

31/1	Right MacPherson strut tower
6/3	Right-hand headlight wiper motor, V70
6/104	High pressure headlight washer motor
7/5	Washer fluid level sensor
16/10	Horn 1, XC90

31/2	Left MacPherson strut tower
4/46	Engine Control Module (ECM), 6-cyl., 8-cyl., Diesel
4/71	Cooling fan control module

31/4	Engine
31/44	Ground connection

31/6	A-post, left-hand side
2/240	Alcohol lock relay, wake-up, accessory
2/241	Alcohol lock relay, interior lighting, accessory
3/6	Switch, hazard warning flashers
3/117	Switch unit, ceiling light
4/31	Fan control module, RHD
4/56	Central Electronic Module (CEM), LHD
4/76	Remote control unit for garage door opener
6/15	Sunroof motor
10/25	Ceiling light, cargo compartment
10/29	Glove compartment lighting
10/114	Vanity mirror lighting, left
10/125	Left-hand front courtesy lighting
10/126	Right-hand front courtesy lighting
10/150	Rear reading light
10/172	Reading light, third row of seats
16/65	Antenna ring/ignition switch illumination
	Alcohol lock, accessory

31/10	A-post, right-hand side
4/31	Fan control module, LHD
4/56	Central Electronic Module (CEM), RHD
4/84	Suspension Module (SUM), V70
9/1	Outlet 12V front
9/25	Outlet 12V rear
10/161	Cupholder lighting, V70
16/45	Portable navigation system, accessory

31/44	Left-hand side member, lower engine compartment
31/4	Ground connection

Ground connections
31/46 - 31/67

31/46	Rear seat riser, left-hand side
2/138	Deadlock relay, left-hand rear door, PCL
3/27	Switch unit, power passenger seat, RHD
3/76	Lock unit, left rear door
3/85	Power window switch, left rear door
4/52	Power Seat Module (PSM), LHD
4/82	Differential Electronic Module (DEM)
8/51	Front left side airbag igniter
9/12	Seat Heating Module (SHM), left-hand

31/47	Rear seat riser, left-hand side
4/58	Rear Electronic Module (REM)
8/66	Left-hand inflatable curtain igniter, V70

31/48	Rear seat riser, right-hand side
4/83	Control module fuel pump
6/31	Feed pump, ejectors
6/33	Fuel pump

31/53	Firewall
1/1	Battery

31/66	Front seat riser, left-hand side
3/126	Driver/Passenger Door Module (DDM)/(PDM)
9/33	Left heated exterior rearview mirror
10/15	Direction indicator, left door mirror
10/148	Left exterior rearview mirror lighting
27/3	Left Camera Module (LCM)

31/67	Front seat riser, right-hand side
2/139	Deadlock relay, right-hand rear door, PCL
3/27	Switch unit, power passenger seat, LHD
3/77	Right-hand rear door lock unit, PCL
3/86	Power window switch, right rear door
3/127	Passenger/Driver Door Module (PDM)/(DDM)
4/52	Power Seat Module (PSM), RHD
6/35	Fuel pump, auxiliary heater
7/93	Occupant Weight Sensor (OWS)
8/52	Front right side airbag igniter
9/13	Seat Heating Module (SHM), right-hand
9/34	Right heated exterior rearview mirror
10/16	Direction indicator, right door mirror
10/149	Right exterior rearview mirror lighting
27/4	Right Camera Module (RCM)

Ground connections
31/70 - 31/73

31/70	Left-hand side member, lower engine compartment
10/65	Auxiliary light, front right, accessories
10/69	Auxiliary light, front left, accessories

31/72	Cargo compartment
4/58	Rear Electronic Module (REM)
4/86	Parking Assistance Module (PAM)
6/32	Rear window wiper motor
6/76	Climate control system, rear XC90
7/100	Inclination Sensor Module (ISM)
7/137	Glass breakage sensor, tailgate, V70
8/66	Left-hand inflatable curtain igniter, XC90
9/2	Heated rear window
10/18	Lamp housing, rear left
16/15	CD-changer, accessory, V70
16/45	Road Traffic Information module (RTI), V70
16/149	MP3 player, accessory, V70

31/73	Rear seat riser, right-hand side
2/191	Relay, remote parking heater start, radio signal, accessory, V70
4/78	Accessory Electronic Module (AEM)
4/106	Control module, remote parking heater start, accessory, V70
8/85	Thermal switch and electric fuel filter heating, Diesel
8/88	Solenoid, fuel tank, Bi-Fuel, rear
8/89	Solenoid, fuel tank, Bi-Fuel, front left
8/90	Solenoid, fuel tank, Bi-Fuel, front right
10/17	Lamp housing, rear right
10/218	Indicator light, remote start, accessory, V70
16/79	Bass speaker, V70
16/79	Subwoofer Module (SUB), XC90
16/82	DVD player roof mounted, XC90
17/19	12V outlet, cargo compartment
54/98	Connector, cable harness, rear seat entertainment, XC90

Ground connections
31/83 - 31/84

31/83	A-post, left-hand side
4/33	Sun Roof Module (SRM)
4/70	Upper Electronic Module (UEM)
5/1	Driver Information Module (DIM)
7/122	Mass Movement Sensor (MMS), front
7/149	Rain Sensor Module (RSM)
7/158	Mass Movement Sensor (MMS), rear, XC90
10/115	Vanity mirror lighting, right
16/65	Antenna ring/ignition switch illumination
16/108	Multimedia Module (MMM), XC90
16/46	Multimedia display, XC90
16/139	Global Positioning System Module (GPS), XC90
31/98	Ground connection

31/84	A-post, right-hand side
3/111	Light Switch Module (LSM)
3/112	Climate Control Module (CCM)
3/254	Steering Wheel Module (SWM)
4/68	Steering Wheel Angle Sensor Module (SAS)
4/118	Headlight Control Module (HCM)
4/124	Accessory USB unit (AUU), XC90
6/48	Damper Motor Module (DMM), recirculation
6/69	Damper Motor Module (DMM), ventilation/floor/defroster
6/95	Damper Motor Module (DMM), temperature, left-hand side
6/96	Damper Motor Module (DMM), temperature, right-hand side
6/102	Damper Motor Module (DMM), defroster
6/103	Damper Motor Module (DMM), floor/ventilation
7/159	Air Quality Sensor (AQS)
16/1	Audio Module (AUM), V70
16/1	Integrated Audio Module (IAM), XC90
16/2	Amplifier, V70
16/46	RTI display, V70
16/60	Phone Module (PHM)
16/82	DVD player/control module, V70
16/93	Control module, cellular phone handsfree, accessory
16/94	Infotainment Control Module (ICM), XC90
16/105	Audio Module (AUD), XC90
16/109	DVD player/control module, XC90
16/122	Rear Audio Separation module (RAS), V70
16/145	Satellite radio receiver, V70, accessory
16/145	Remote Digital Audio Receiver (RDAR), XC90, accessory
17/13	Data link connector
54/112	Connector, Infotainment cable harness, XC90

Ground connections
31/88 - 31/91

31/88	Engine ignition coils
20/3	Spark plug and ignition coil
20/4	Spark plug and ignition coil
20/47	Spark plug with ignition coil, 8-cyl.
20/49	Spark plug with ignition coil, 8-cyl.

31/89	Engine ignition coils
20/5	Spark plug and ignition coil
20/6	Spark plug and ignition coil
20/7	Spark plug and ignition coil
20/8	Spark plug with ignition coil, 6-cyl.
20/51	Spark plug with ignition coil, 8-cyl.

31/90	Engine ignition coils
20/46	Spark plug with ignition coil, 8-cyl.
20/48	Spark plug with ignition coil, 8-cyl.

31/91	Engine
4/50	Electronic Throttle Module (ETM), Bi-Fuel
9/32	PTC resistor - crankcase ventilation, Bi-Fuel

Ground connections
31/93 - 31/94

31/93	Left MacPherson strut tower
3/10	Reversing light contact, MAN
3/62	Hood alarm contact
3/156	Gear Selector Module (GSM), TF-80SC / TF-80SC AWD
4/7	Combustion Preheater Module (CPM)
4/28	Transmission Control Module (TCM), TF-80SC / TF-80SC AWD
4/56	Central Electronic Module (CEM)
4/99	Electronic power steering control module
6/1	Windshield wiper motor
6/4	Left-hand headlight wiper motor, V70
6/38	Motor, left headlight adjustment
6/113	Coolant pump, 8-cyl.
6/114	Vacuum pump
7/4	Brake fluid level sensor
7/51	Accelerator pedal sensor
7/73	Coolant level sensor
8/36	Shift lock solenoid, TF-80SC / TF-80SC AWD
8/37	Automatic transmission
8/134	Solenoid, reverse interlock, manual
9/30	Auxiliary heater
10/1	Lamp housing, front left
10/5	Fog light, front left
10/11	Running/parking light, front left, XC90
10/13	Direction indicator, front left
10/71	Side running light, front left
16/10	Horn 1, V70
16/11	Horn 2, V70
20/16	Capacitor, Bi-Fuel

31/94	Right MacPherson strut tower
3/156	Gear Selector Module (GSM), AW55-51SN/AW51 AWD
4/28	Transmission Control Module (TCM), AW55-51SN/AW51 AWD
6/39	Motor, right headlight adjustment
8/36	Shift lock solenoid, AW55-51SN/AW51 AWD
10/2	Lamp housing, front right
10/6	Fog light, front right
10/12	Running/parking light, front right, XC90
10/14	Direction indicator, front right
10/73	Side running light, front right
16/35	Siren Control Module (SCM)

Ground connections
31/95 - 31/100

31/95	Left MacPherson strut tower
4/16	Brake Control Module (BCM)

31/96	Right MacPherson strut tower
4/46	Engine Control Module (ECM)
4/71	Cooling fan control module, 8-cyl. / Diesel / 6-cyl.
9/32	PTC resistor, crankcase ventilation

31/98	Windshield member, upper
4/33	Sun Roof Module (SRM)
4/70	Upper Electronic Module (UEM)
5/1	Driver Information Module (DIM)
7/122	Mass Movement Sensor Module (MMS), front
7/149	Rain Sensor Module (RSM)
7/158	Mass Movement Sensor (MMS), rear, XC90
10/115	Vanity mirror lighting, right
16/65	Antenna ring/ignition switch illumination
16/108	Multimedia Module (MMM), XC90
31/83	Ground connection

31/99	Left-hand side window
7/135	Glass breakage sensor, left-hand, V70

31/100	Engine ignition coils
20/50	Spark plug with ignition coil, 8-cyl.
20/52	Spark plug with ignition coil, 8-cyl.

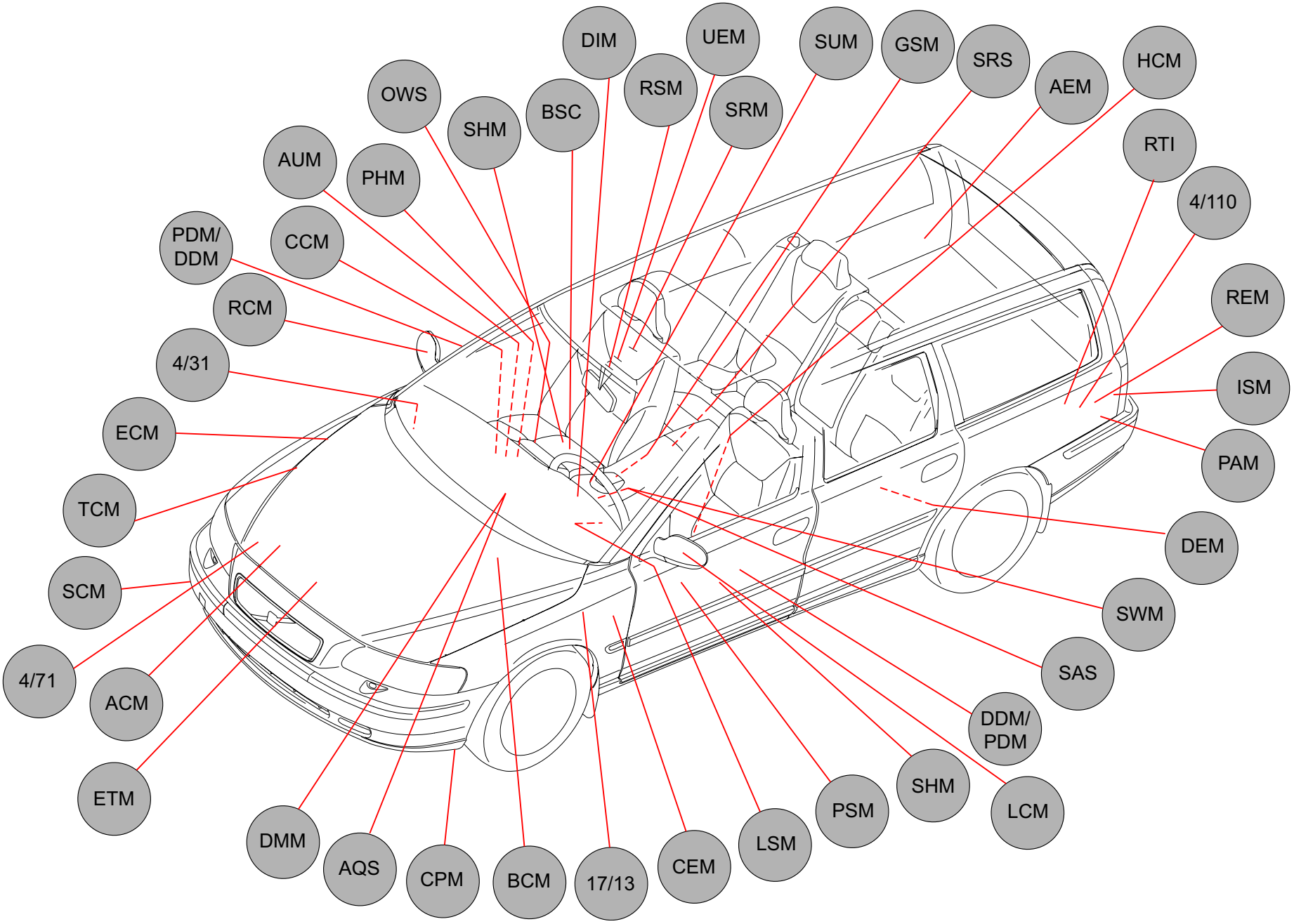
Ground connections
31/102 - 31/121

31/102	Front member
2/192	Relay (230V), engine heater, accessory

31/120	Cargo compartment, accessory
4/110	Trailer Module
16/15	CD changer, V70
16/45	Road Traffic Information module (RTI), V70
16/46	RTI display, V70
16/79	Bass speaker, V70
16/79	Subwoofer Module (SUB), XC90
16/145	Satellite radio receiver, V70
17/37	4-pin outlet, tow hitch cable harness
17/38	7-pin outlet, tow hitch cable harness
17/39	13-pin outlet, tow hitch cable harness
26/4	Converter, direction indicators & brake lights, USA

31/121	Engine ignition coils
20/14	Condenser, ignition coils, 8-cyl.
20/53	Spark plug with ignition coil, 8-cyl.

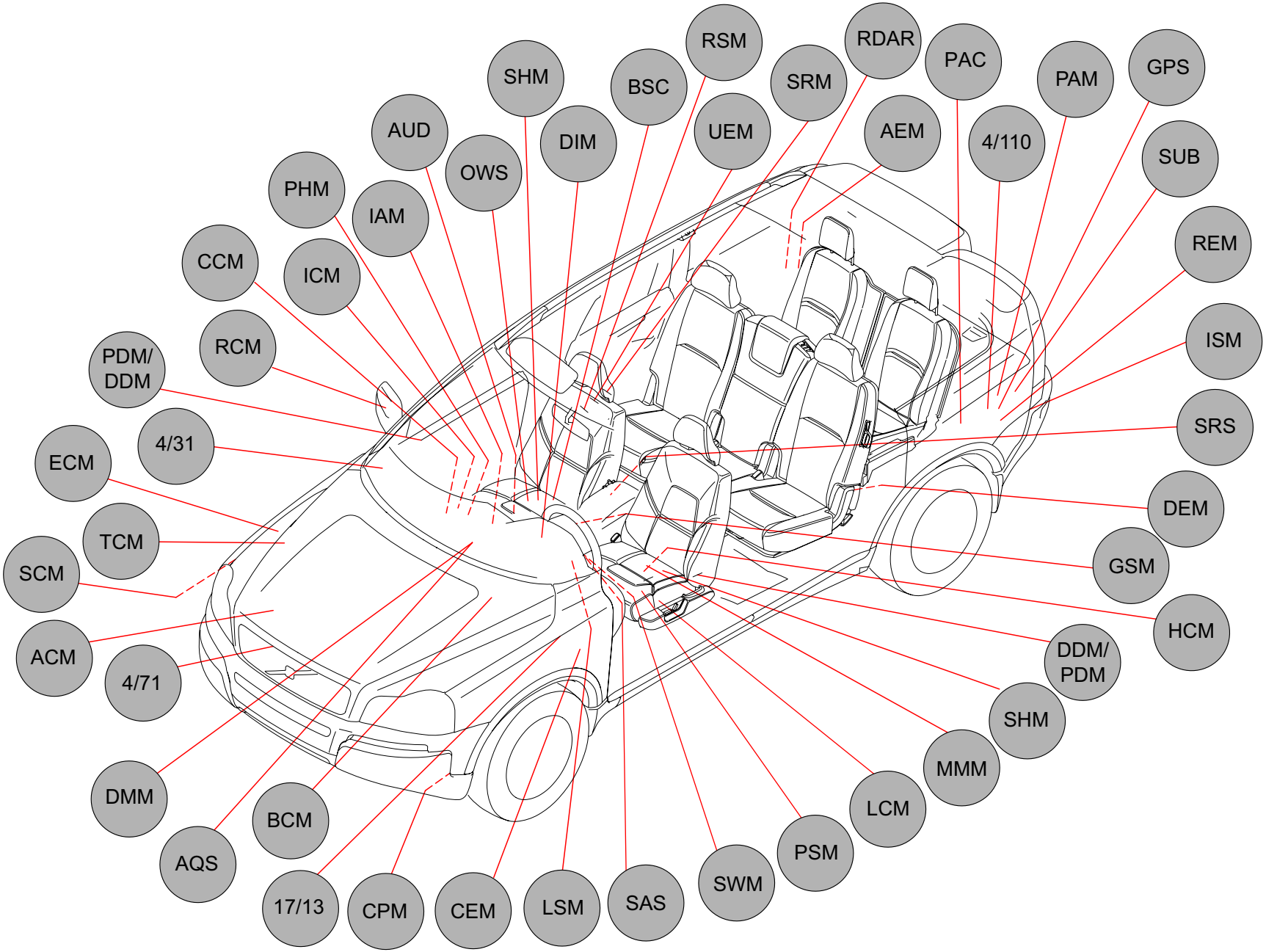
Control modules
Overview positions V70



Control modules
Overview designations V70

Unit	Designation	
ACM	6/26	Alternator Control Module (ACM)
AEM	4/78	Accessory Electronic Module (AEM)
AQS	7/159	Air Quality Sensor (AQS)
AUM	16/1	Audio Module (AUM)
BCM	4/16	Brake Control Module (BCM)
BSC	7/164	Body Sensor Cluster Stability Sensor (BSC)
CCM	3/112	Climate Control Module (CCM)
CEM	4/56	Central Electronic Module (CEM)
CPM	4/7	Combustion Preheater Module (CPM)
DDM/PDM	3/126	Driver/Passenger Door Module (DDM)/(PDM)
DEM	4/82	Differential Electronic Module (DEM)
DIM	5/1	Driver Information Module (DIM)
DMM		Damper Motor Module (DMM) -6/48 Damper Motor Module (DMM), recirculation -6/69 Damper Motor Module (DMM), ventilation/floor/defroster -6/95 Damper Motor Module (DMM), temperature, left-hand side -6/96 Damper Motor Module (DMM), temperature, right-hand side -6/102 Damper Motor Module (DMM), defroster -6/103 Damper Motor Module (DMM), floor/ventilation
ECM	4/46	Engine Control Module (ECM)
ETM	4/50	Electronic Throttle Module (ETM)
GSM	3/156	Gear Selector Module (GSM)
HCM	4/118	Headlight Control Module (HCM)
ISM	7/100	Inclination Sensor Module (ISM)
LCM	27/3	Left Camera Module (LCM)
LSM	3/111	Light Switch Module (LSM)
OWS	7/93	Occupant Weight Sensor (OWS)
PAM	4/86	Parking Assistance Module (PAM)
PDM/DDM	3/127	Passenger/Driver Door Module (PDM)/(DDM)
PHM	16/60	Phone Module (PHM)
PSM	4/52	Power Seat Module (PSM)
RCM	27/4	Right Camera Module (RCM)
REM	4/58	Rear Electronic Module (REM)
RSM	7/149	Rain Sensor Module (RSM)
RTI	16/45	Road Traffic Information module (RTI)
SAS	4/68	Steering Wheel Angle Sensor Module (SAS)
SCM	16/35	Siren Control Module (SCM)
SHM		Seat Heating Module (SHM) -9/12 Seat Heating Module (SHM), left-hand -9/13 Seat Heating Module (SHM), right-hand
SRM	4/33	Sun Roof Module (SRM)
SRS	4/9	Supplemental Restraint System module (SRS)
SUM	4/84	Suspension Module (SUM)
SWM	3/254	Steering Wheel Module (SWM)
TCM	4/28	Transmission Control Module (TCM)
UEM	4/70	Upper Electronic Module (UEM)
4/31	4/31	Fan control module
4/71	4/71	Cooling fan control module
4/110	4/110	Trailer Module
17/13	17/13	Data link connector

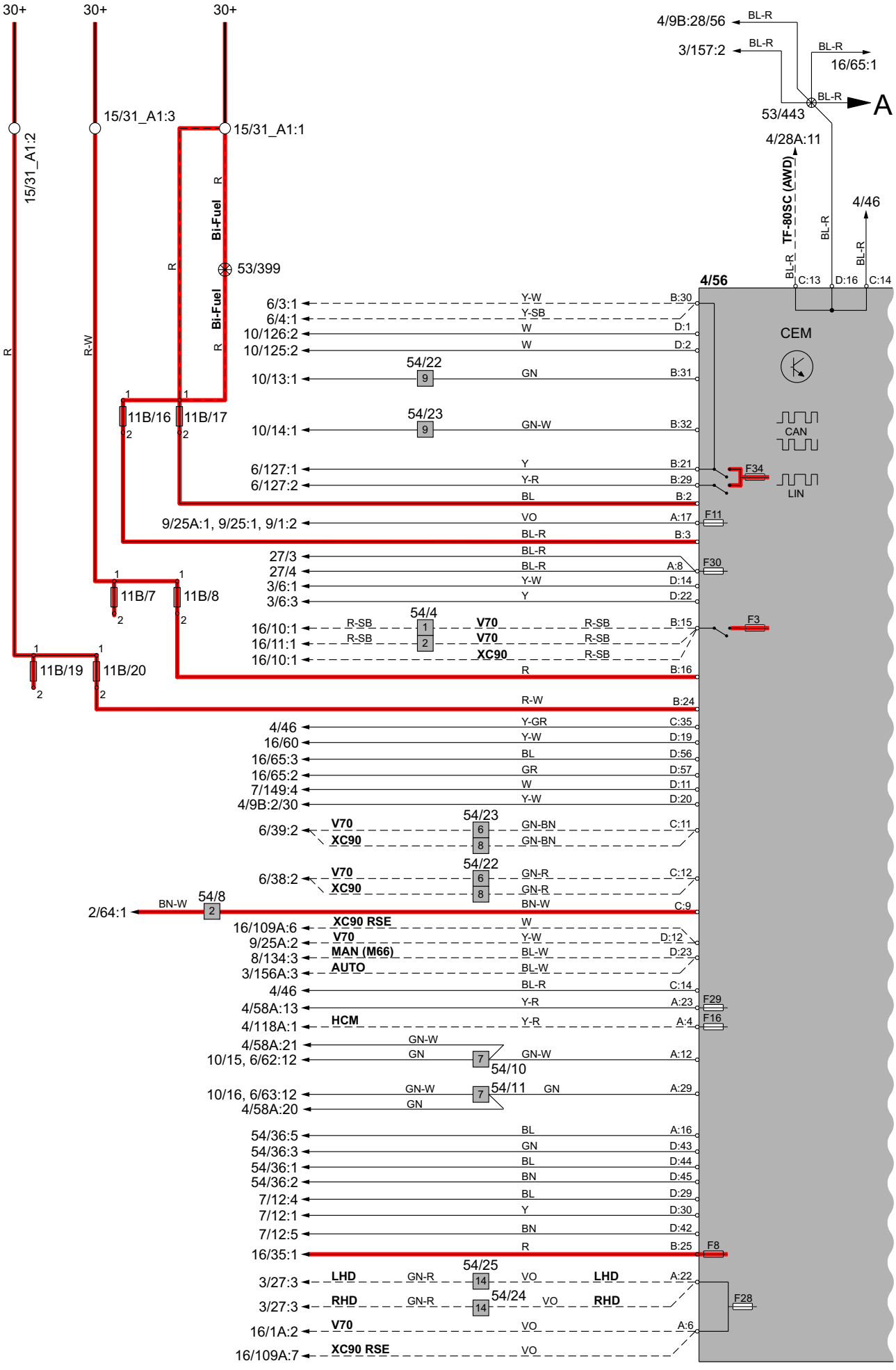
Control modules
Overview positions XC90



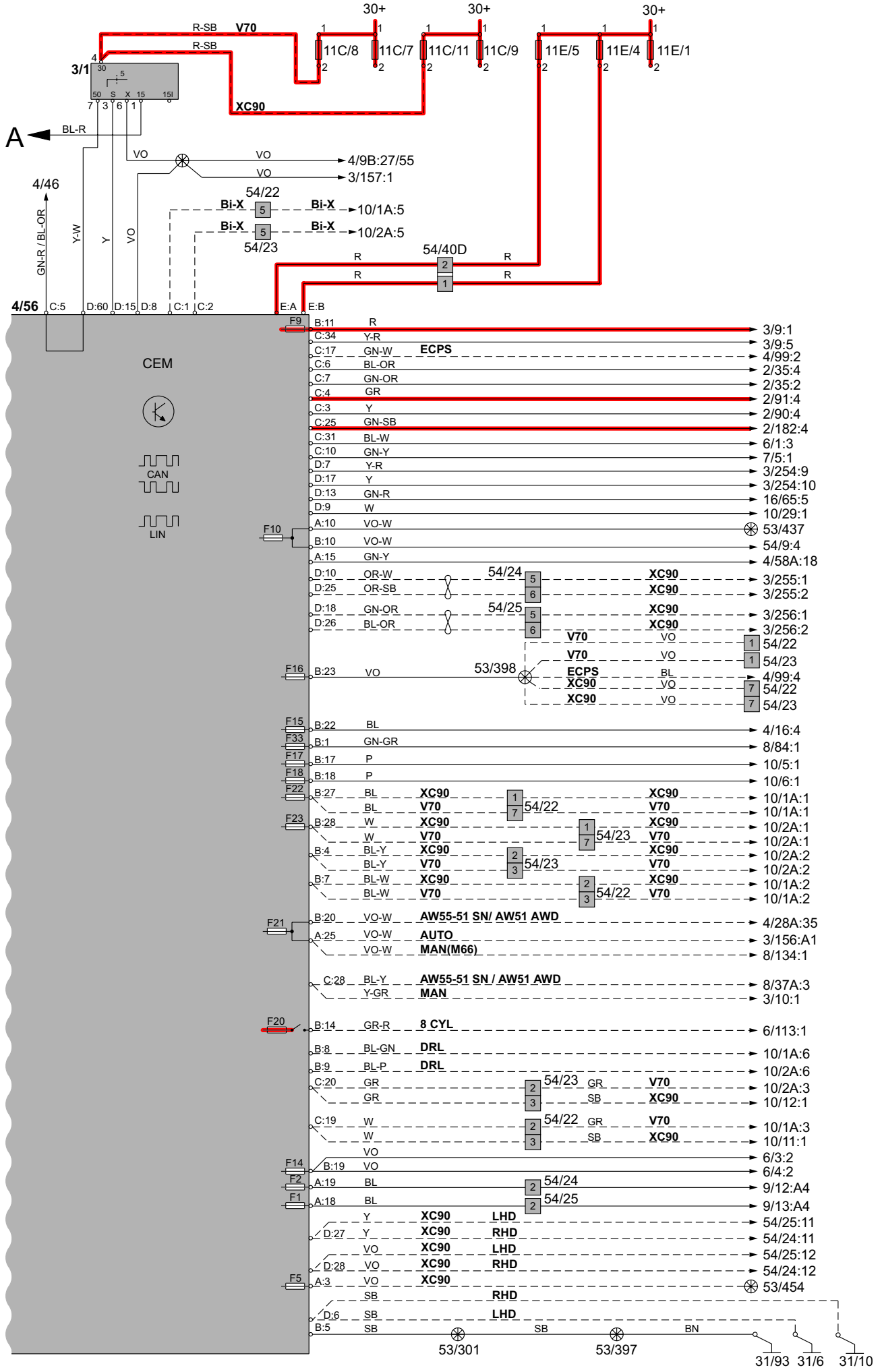
Control modules
Overview designations XC90

Unit	Designation	
ACM	6/26	Alternator Control Module (ACM)
AEM	4/78	Accessory Electronic Module (AEM)
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BCM	4/16	Brake Control Module (BCM)
BSC	7/164	Body Sensor Cluster Stability Sensor (BSC)
CCM	3/112	Climate Control Module (CCM)
CEM	4/56	Central Electronic Module (CEM)
CPM	4/7	Combustion Preheater Module (CPM)
DDM/PDM	3/126	Driver/Passenger Door Module (DDM)/(PDM)
DEM	4/82	Differential Electronic Module (DEM)
DIM	5/1	Driver Information Module (DIM)
DMM		Damper Motor Module (DMM) -6/48 Damper Motor Module (DMM), recirculation -6/69 Damper Motor Module (DMM), ventilation/floor/defroster -6/95 Damper Motor Module (DMM), temperature, left-hand side -6/96 Damper Motor Module (DMM), temperature, right-hand side -6/102 Damper Motor Module (DMM), defroster -6/103 Damper Motor Module (DMM), floor/ventilation
ECM	4/46	Engine Control Module (ECM)
GPS	16/139	Global Positioning System Module (GPS)
GSM	3/156	Gear Selector Module (GSM)
HCM	4/118	Headlight Control Module (HCM)
IAM	16/1	Integrated Audio Module (IAM)
ICM	16/94	Infotainment Control Module (ICM)
ISM	7/100	Inclination Sensor Module (ISM)
LCM	27/3	Left Camera Module (LCM)
LSM	3/111	Light Switch Module (LSM)
MMM	16/108	Multimedia Module (MMM)
OWS	7/93	Occupant Weight Sensor (OWS)
PAC	4/120	Parking Assistance Camera module (PAC)
PAM	4/86	Parking Assistance Module (PAM)
PDM/DDM	3/127	Passenger/Driver Door Module (PDM)/(DDM)
PHM	16/60	Phone Module (PHM)
PSM	4/52	Power Seat Module (PSM)
RCM	27/4	Right Camera Module (RCM)
RDAR	16/145	Remote Digital Audio Receiver (RDAR)
REM	4/58	Rear Electronic Module (REM)
RSM	7/149	Rain Sensor Module (RSM)
SAS	4/68	Steering Wheel Angle Sensor Module (SAS)
SCM	16/35	Siren Control Module (SCM)
SHM		Seat Heating Module (SHM) -9/12 Seat Heating Module (SHM), left-hand -9/13 Seat Heating Module (SHM), right-hand
SRM	4/33	Sun Roof Module (SRM)
SRS	4/9	Supplemental Restraint System module (SRS)
SUB	16/79	Subwoofer Module (SUB)
SWM	3/254	Steering Wheel Module (SWM)
TCM	4/28	Transmission Control Module (TCM)
UEM	4/70	Upper Electronic Module (UEM)
4/31	4/31	Fan control module
4/71	4/71	Cooling fan control module
4/110	4/110	Trailer Module
17/13	17/13	Data link connector

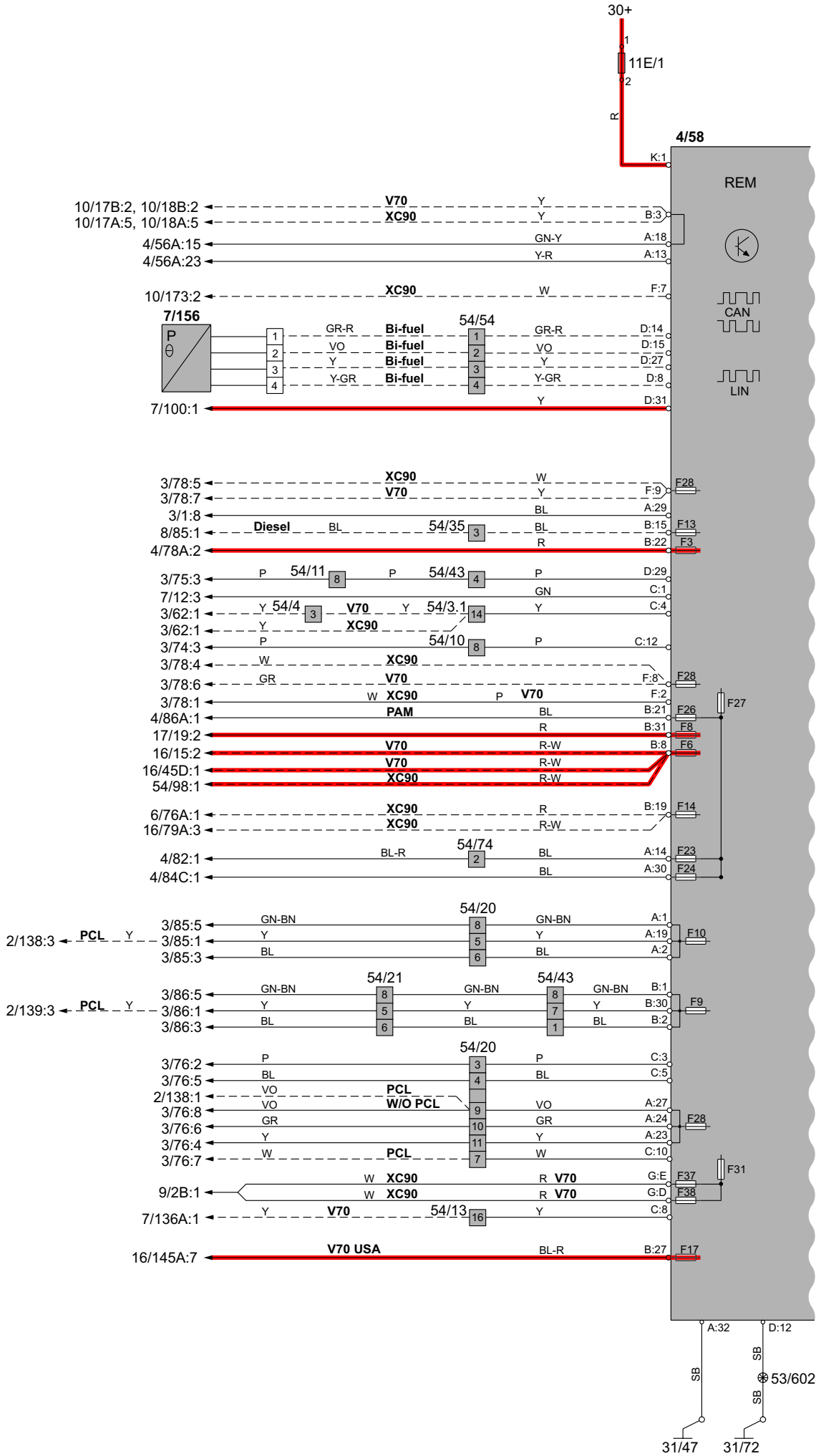
Control modules
Central Electronic Module (CEM) 1:2



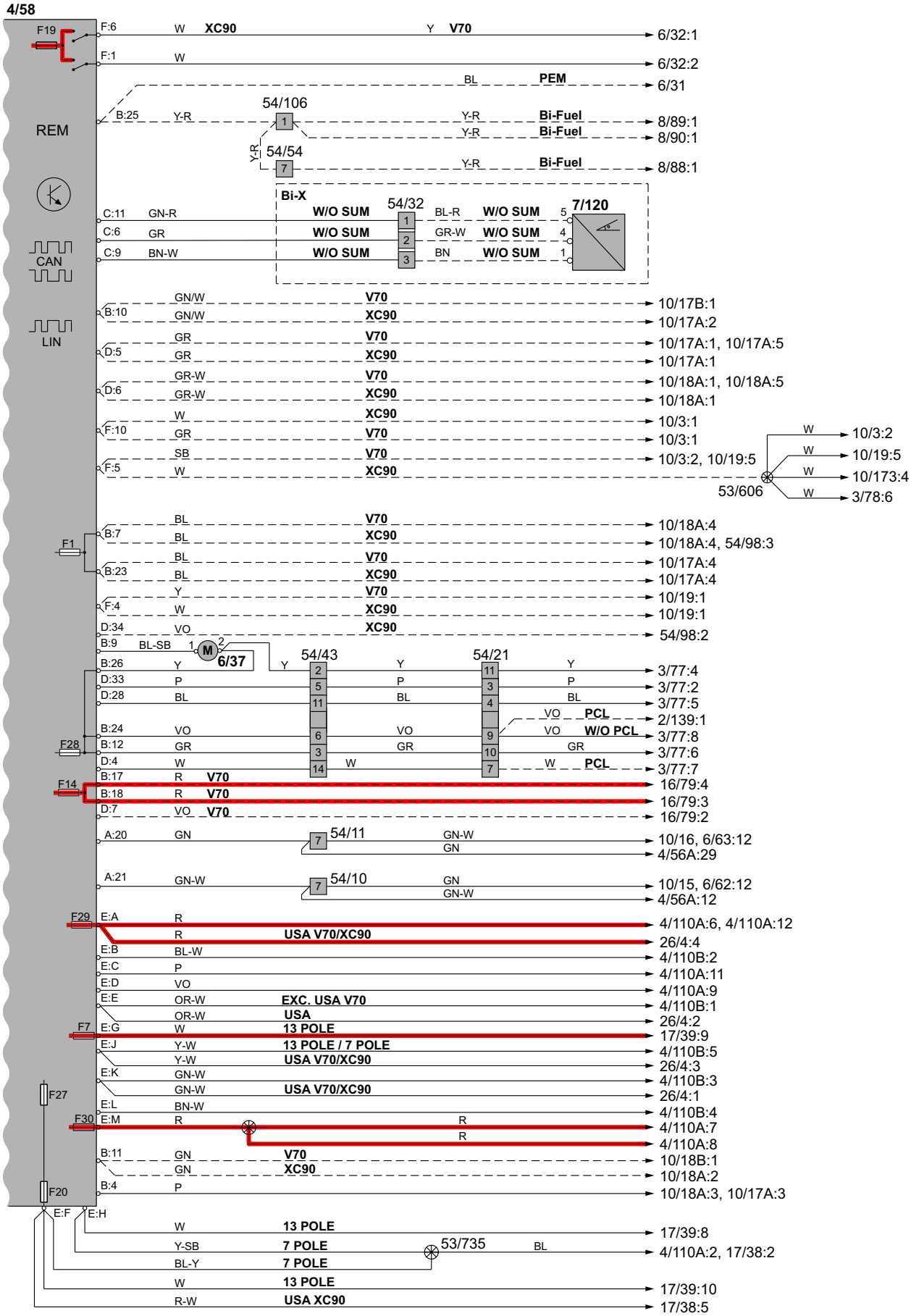
Control modules
Central Electronic Module (CEM) 2:2



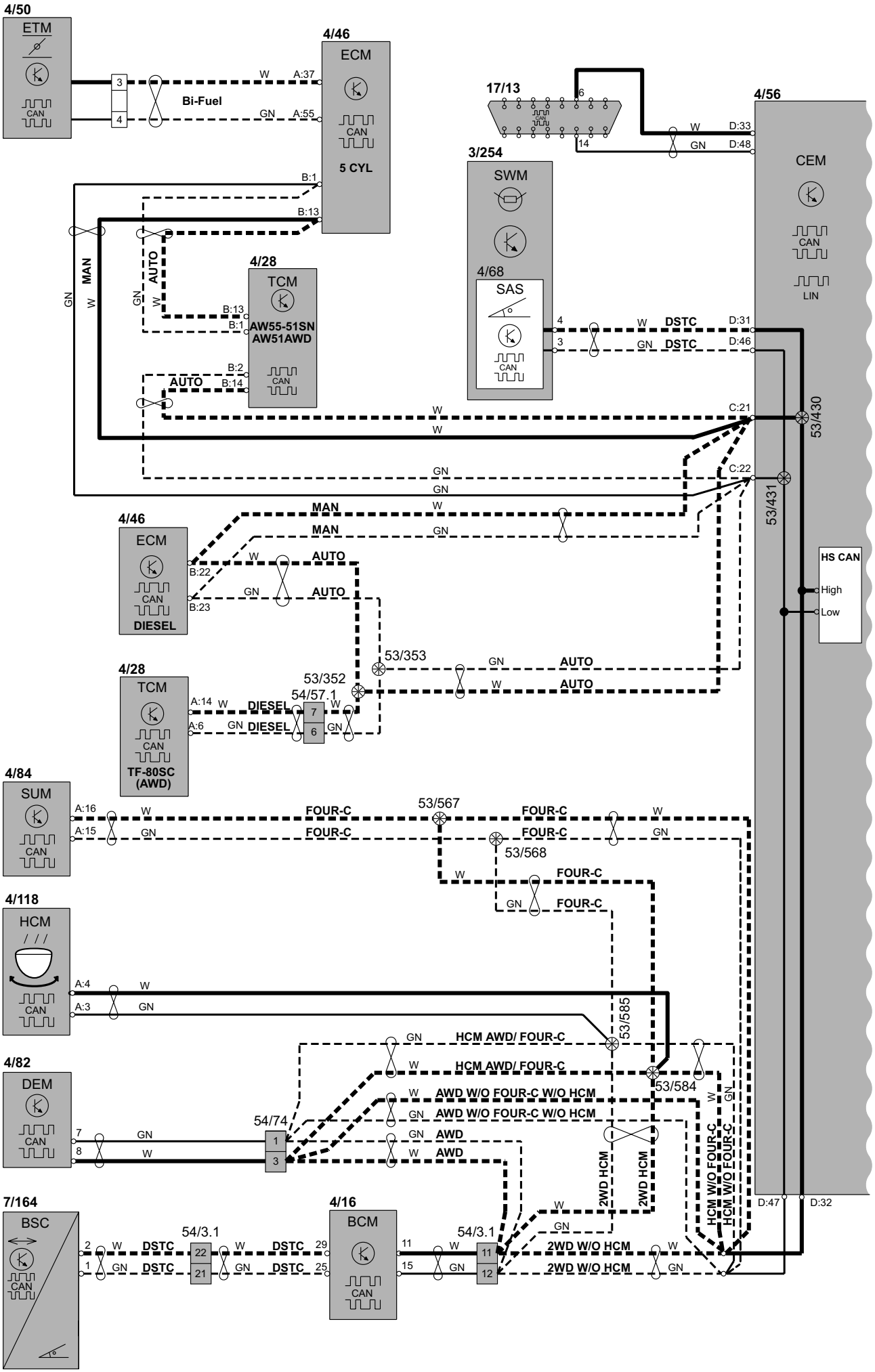
Control modules
Rear Electronic Module (REM) 1:2



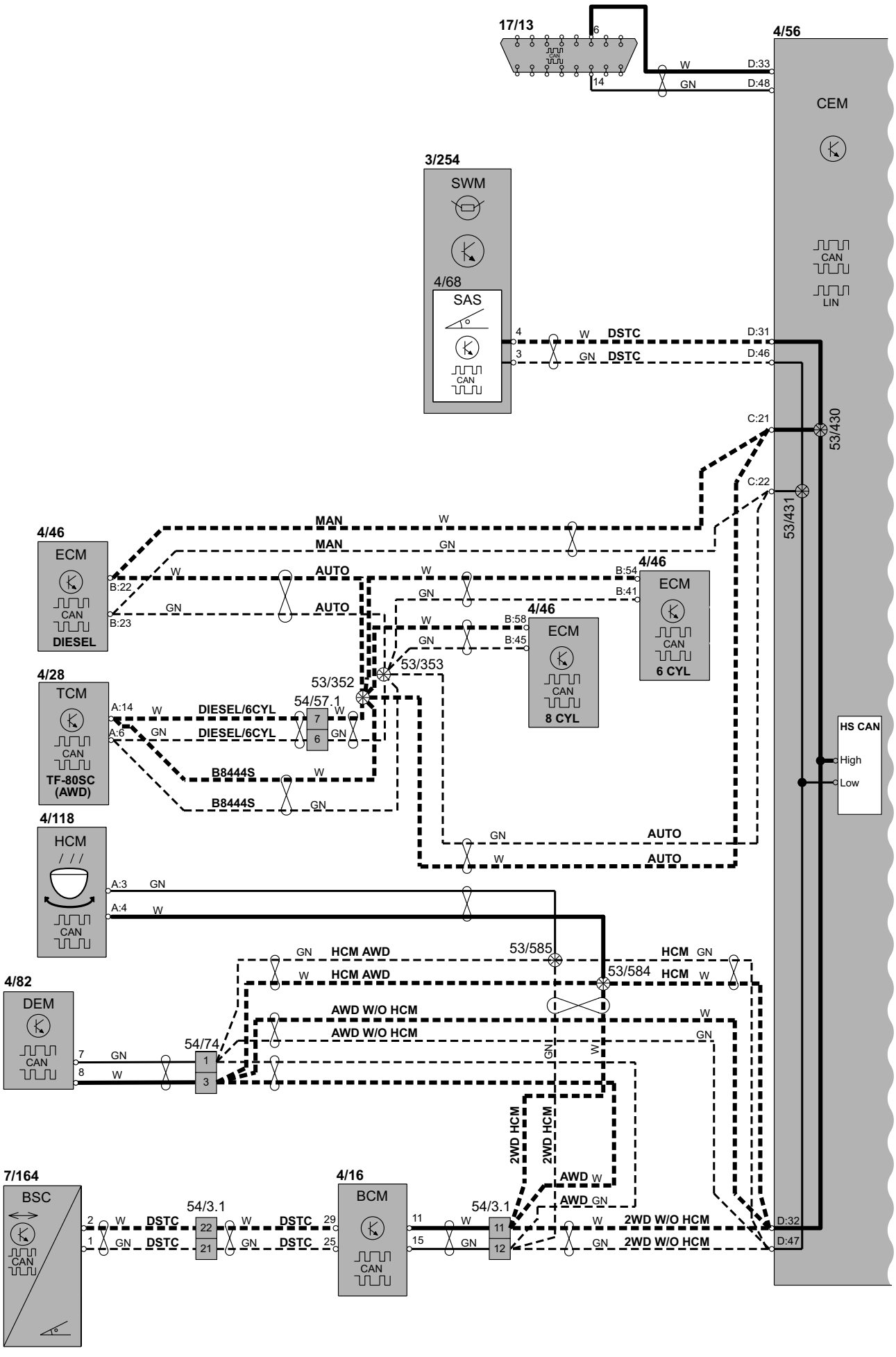
Control modules
Rear Electronic Module (REM) 2:2



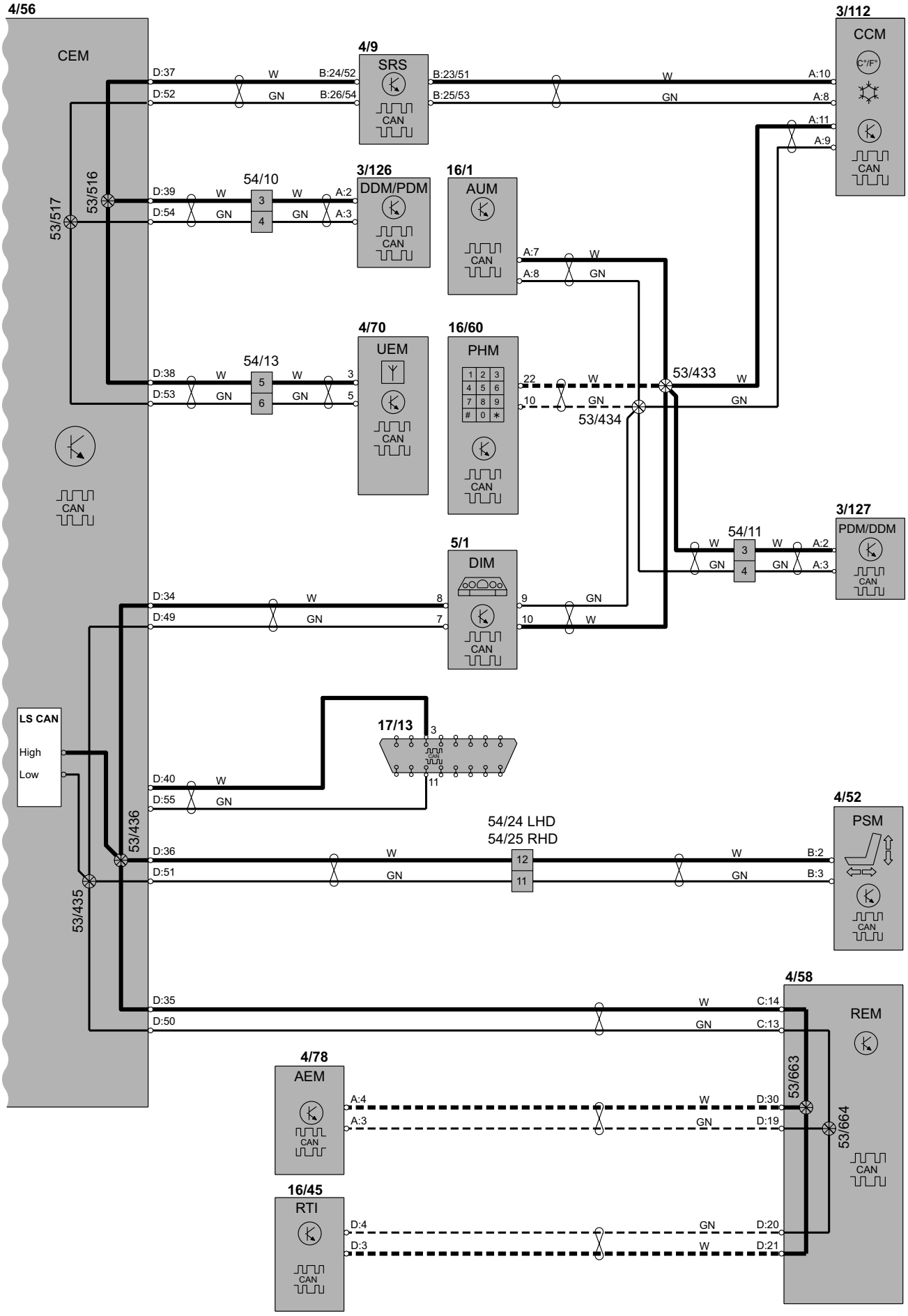
Control modules
Data communication high speed CAN V70



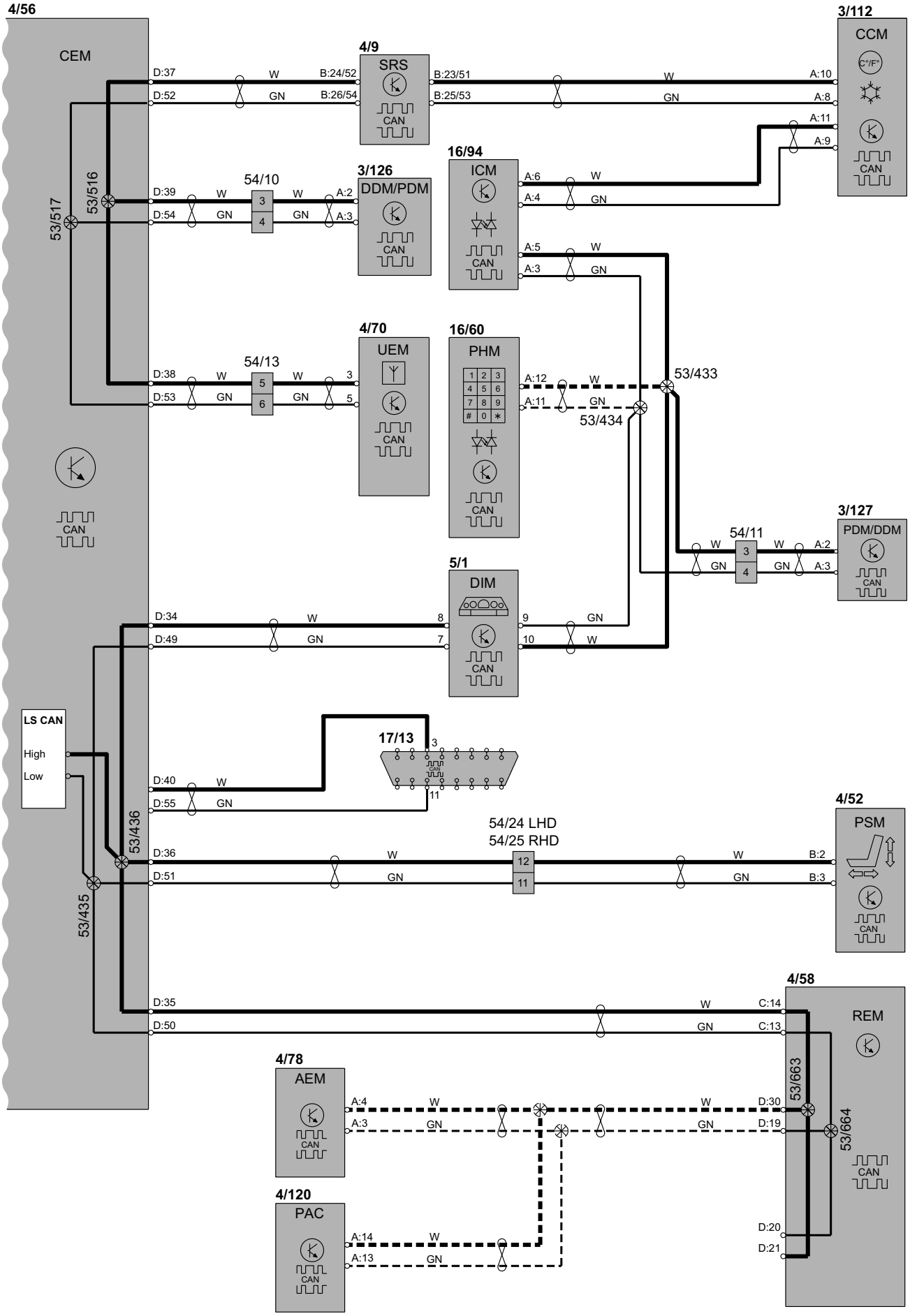
Control modules
Data communication high speed CAN XC90



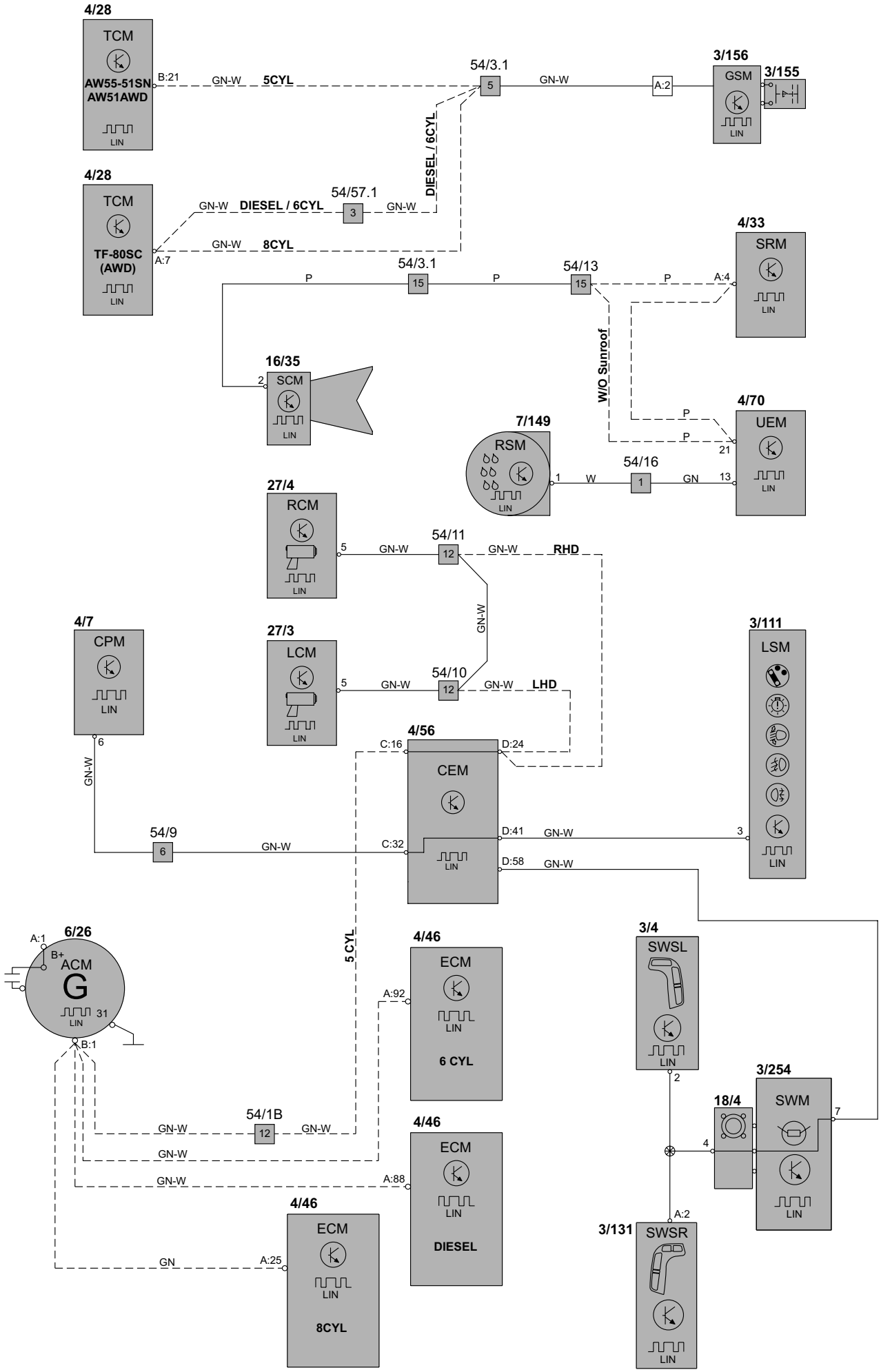
Control modules
Data communication low speed CAN V70



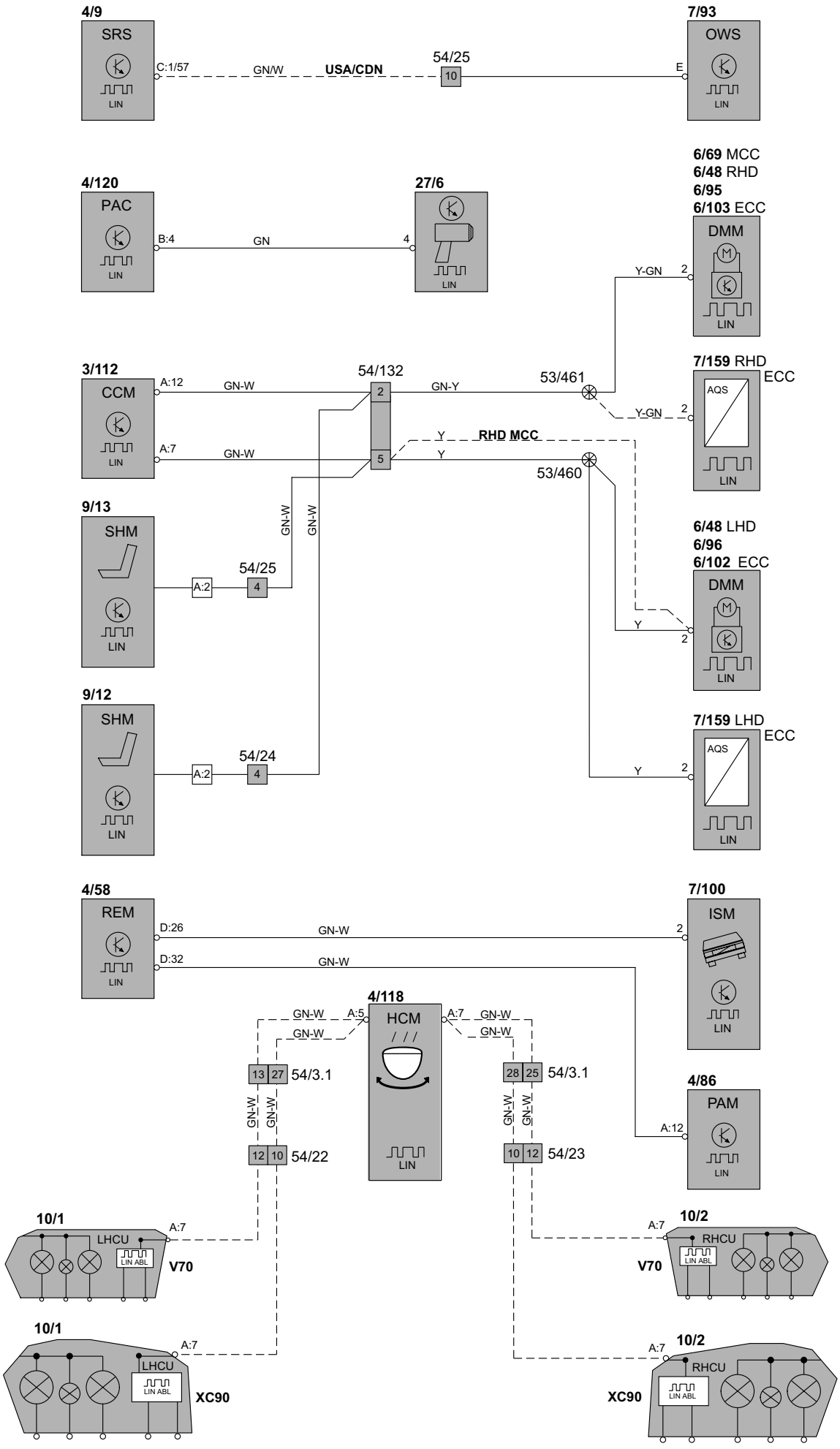
Control modules
Data communication low speed CAN XC90



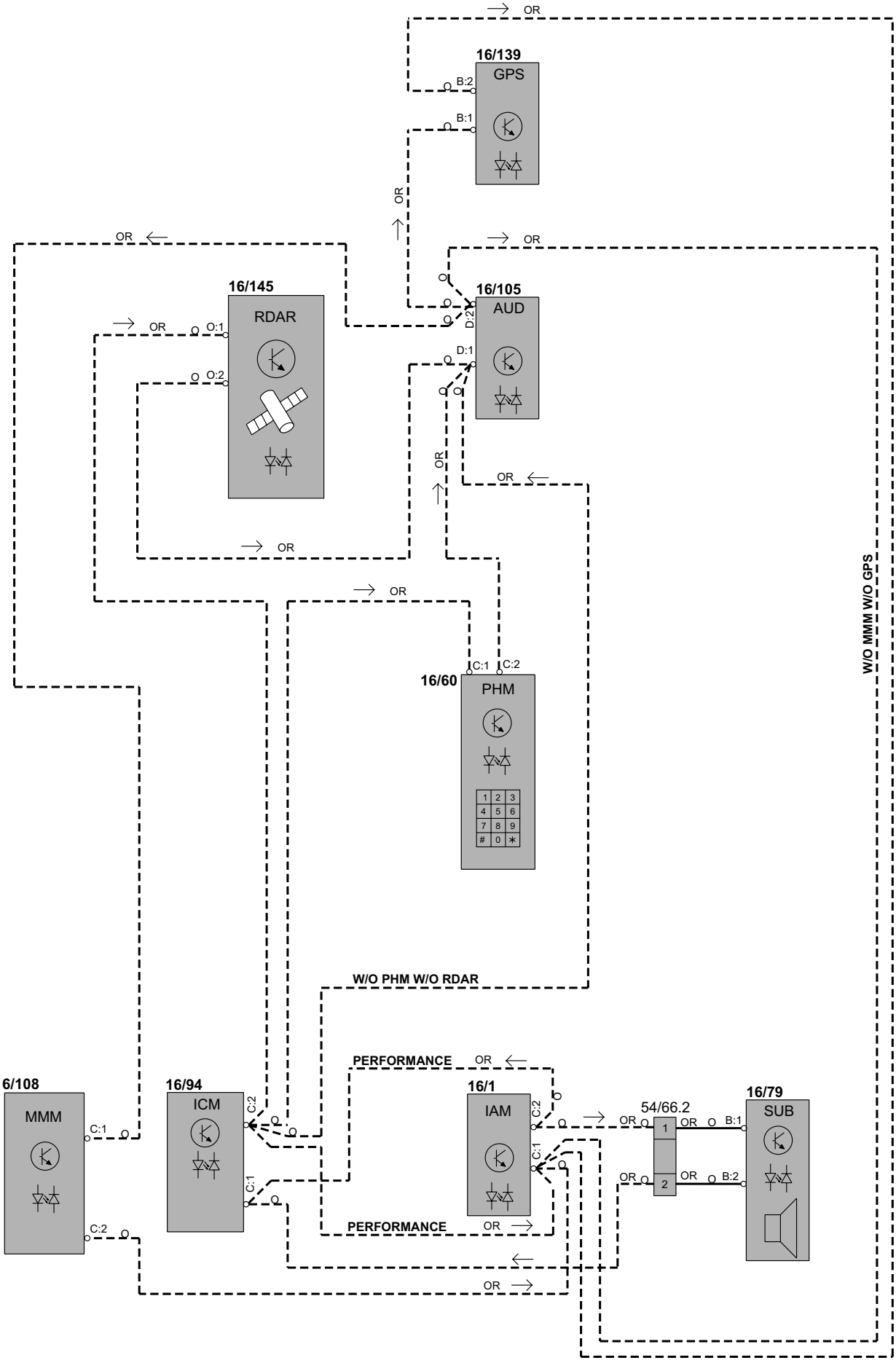
Control modules
Data communication LIN 1:2

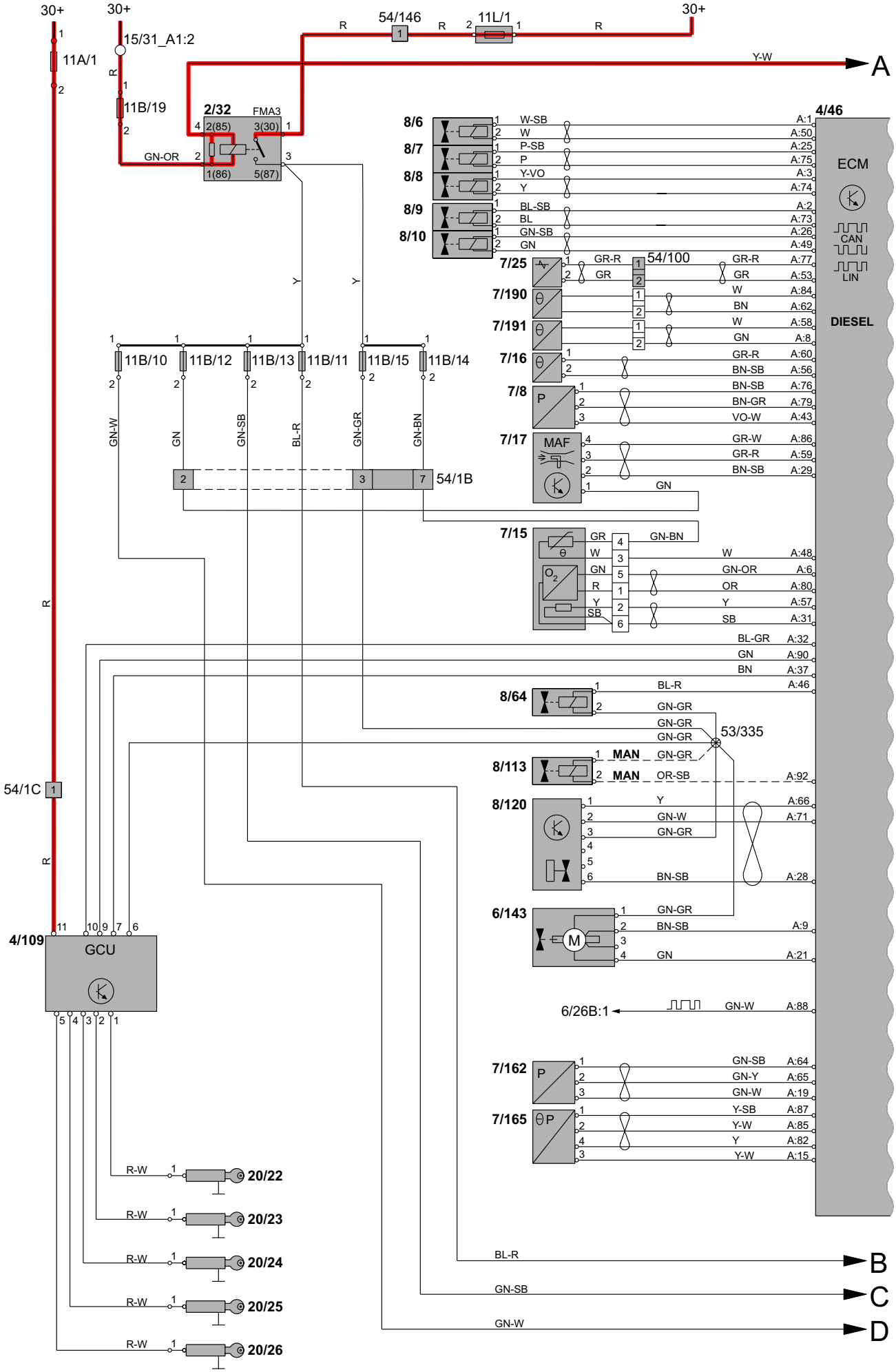


Control modules
Data communication LIN 2:2

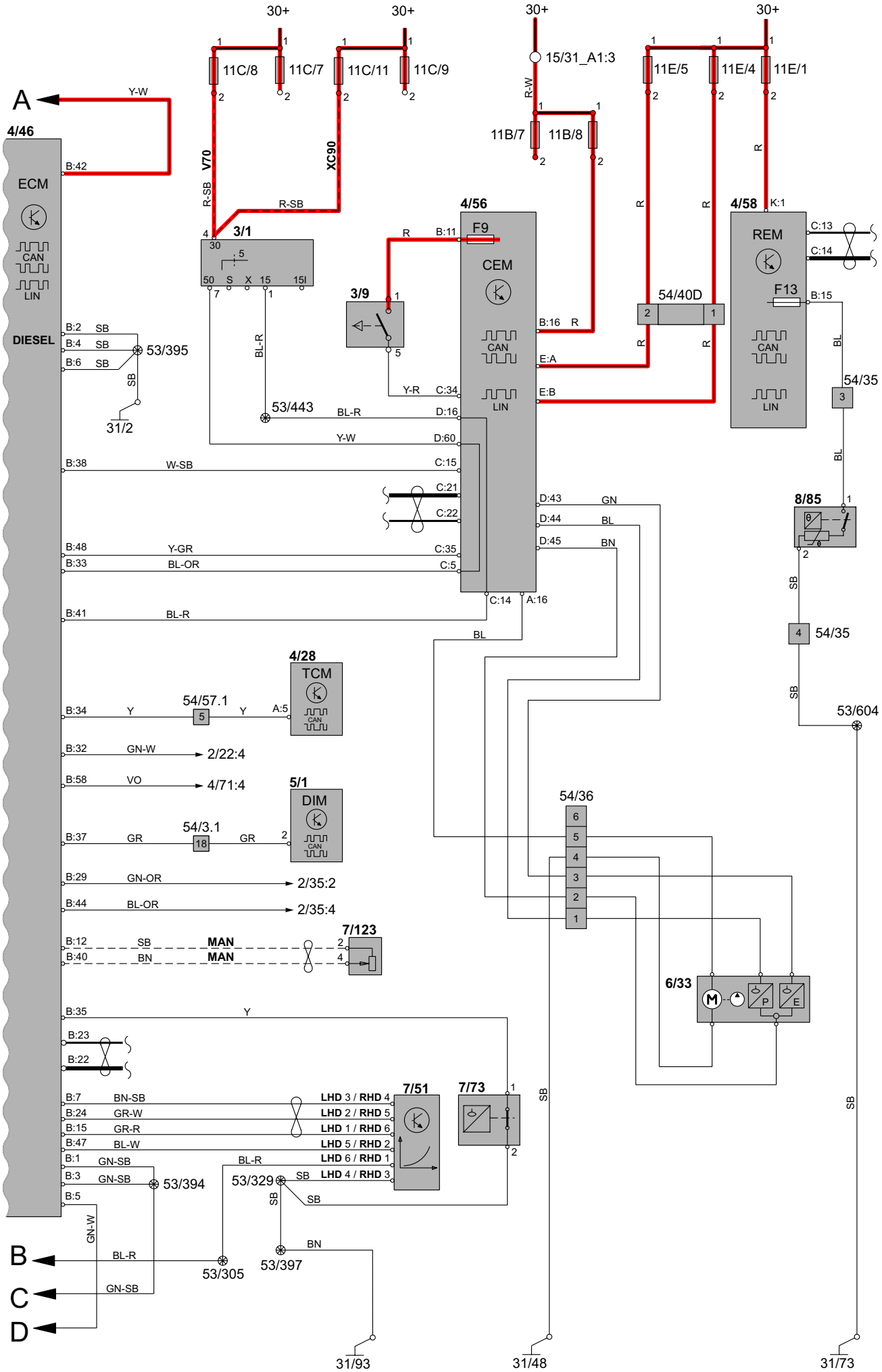


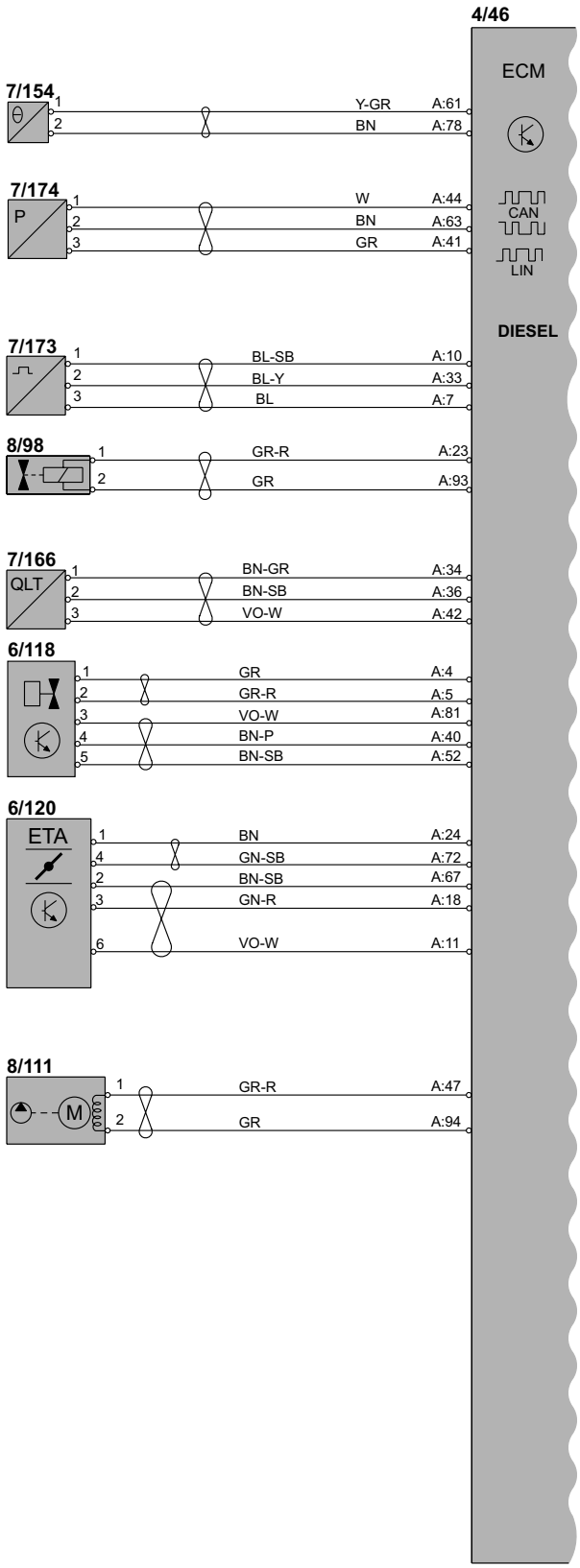
Control modules
Data communication MOST XC90

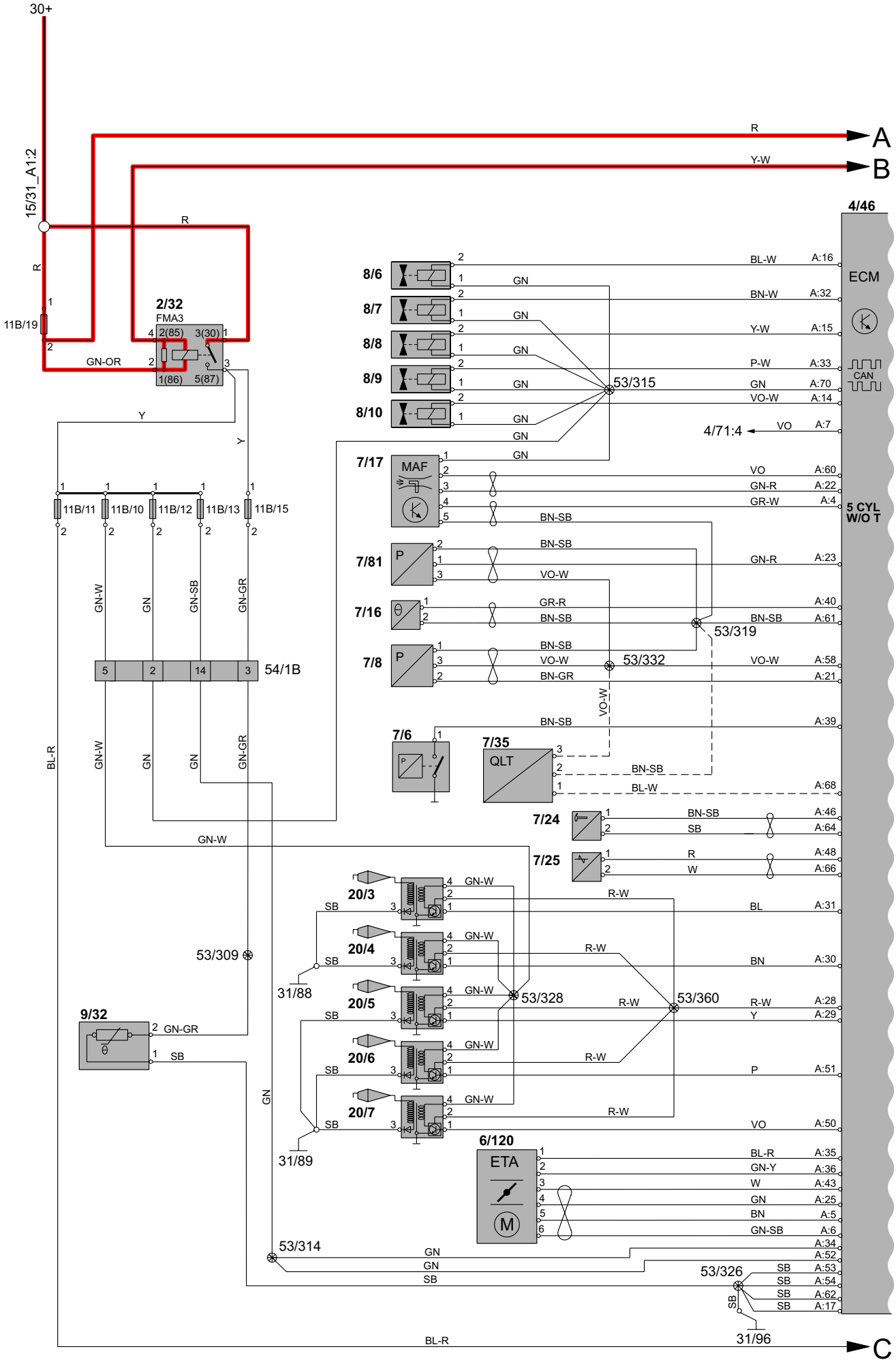



30+
30+
15/31_A1:2
11A/1
11B/19
2/32
FMA3
GN-OR
54/146
11L/1
30+
Y-W
A
4/46
ECM
CAN
LIN
DIESEL
8/6
8/7
8/8
8/9
8/10
W-SB
W
P-SB
P
Y-VO
Y
BL-SB
BL
GN-SB
GN
7/25
7/190
7/191
7/16
7/8
7/17
MAF
54/100
11B/10
11B/12
11B/13
11B/11
11B/15
11B/14
GN-W
GN
GN-SB
BL-R
GN-GR
GN-BN
54/1B
7/15
GR
W
GN
R
Y
SB
GN-BN
GN-OR
OR
BL-GR
BN
8/64
53/335
8/113
MAN
OR-SB
8/120
GN-W
BN-SB
6/143
M
6/26B:1
7/162
GN-Y
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20/22
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20/24
20/25
20/26
B
C
D

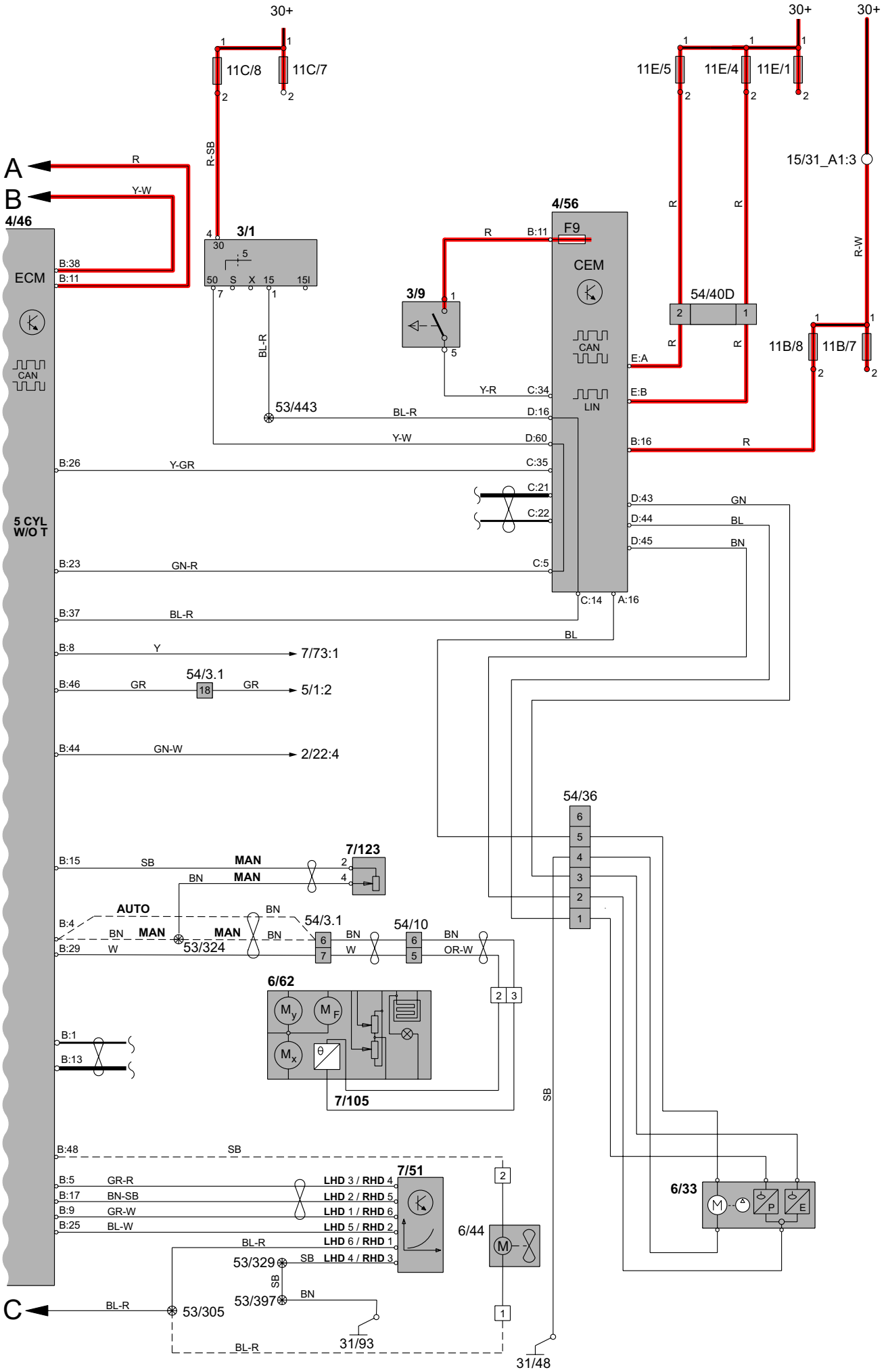
Group 23 Fuel system
Engine management system, Diesel 2:3

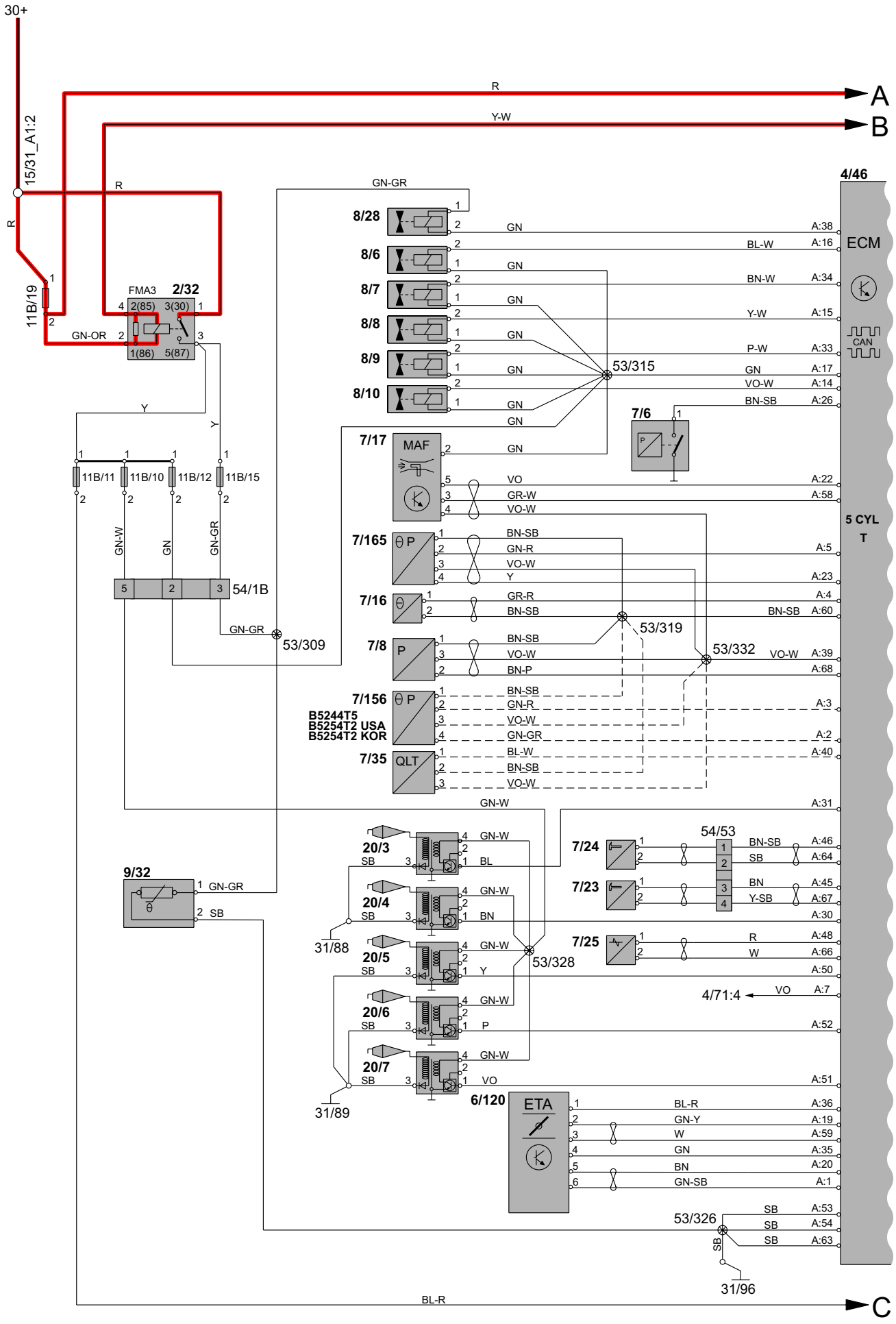



4/46
ECM
CAN
LIN
DIESEL
7/154
1
2
Y-GR
BN
A:61
A:78
7/174
P
1
2
3
W
BN
GR
A:44
A:63
A:41
7/173
1
2
3
BL-SB
BL-Y
BL
A:10
A:33
A:7
8/98
1
2
GR-R
GR
A:23
A:93
7/166
QLT
1
2
3
BN-GR
BN-SB
VO-W
A:34
A:36
A:42
6/118
1
2
3
4
5
GR
GR-R
VO-W
BN-P
BN-SB
A:4
A:5
A:81
A:40
A:52
6/120
ETA
1
4
2
3
6
BN
GN-SB
BN-SB
GN-R
VO-W
A:24
A:72
A:67
A:18
A:11
8/111
M
1
2
GR-R
GR
A:47
A:94

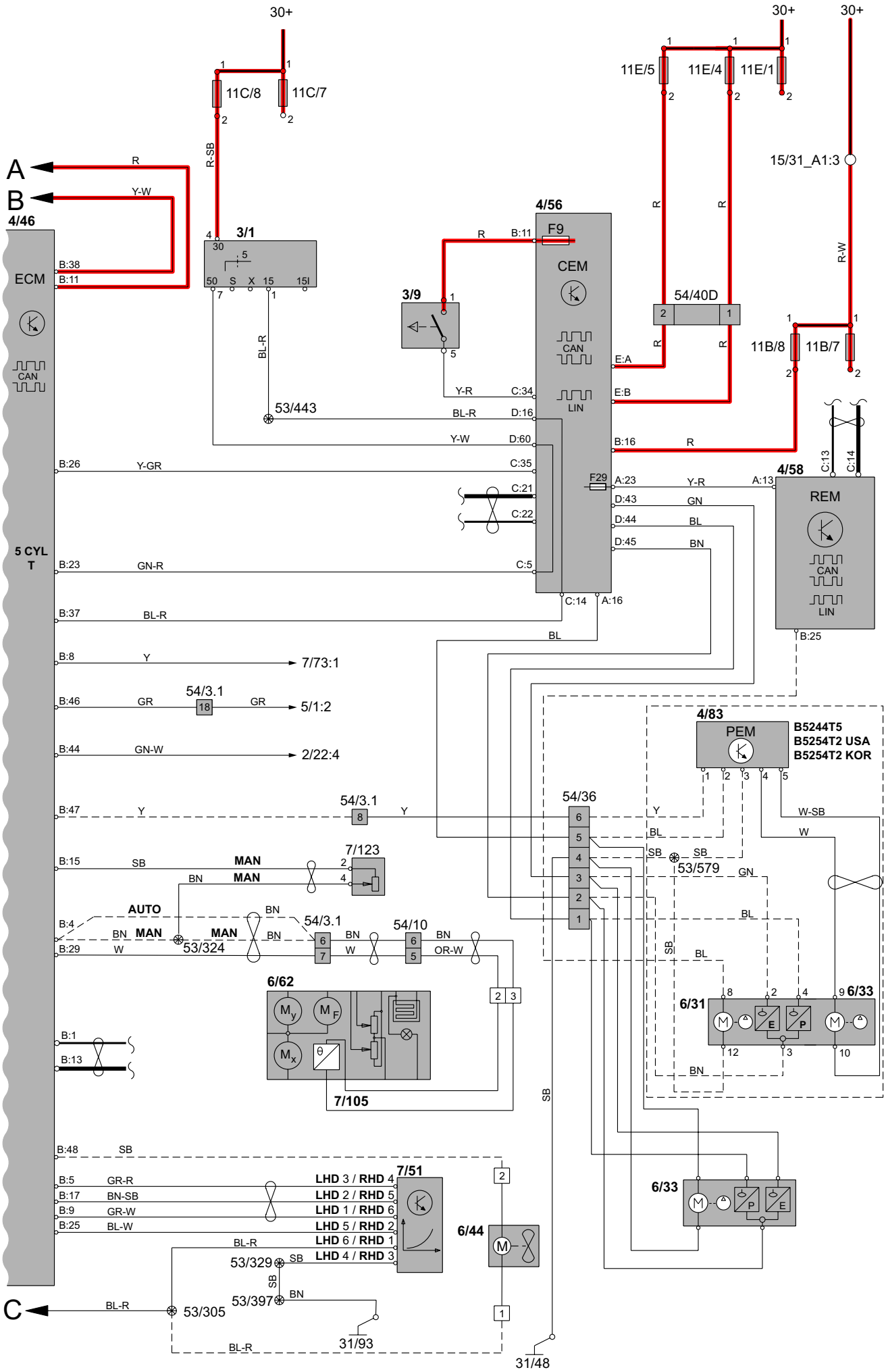

30+
15/31_A1:2
R
A
Y-W
B
4/46
ECM
CAN
5 CYL W/O T
2/32
FMA3
11B/19
GN-OR
2(85)
3(30)
1(86)
5(87)
8/6
8/7
8/8
8/9
8/10
53/315
7/17
MAF
7/81
7/16
7/8
53/319
53/332
7/6
7/35
QLT
7/24
7/25
4/71:4
11B/11
11B/10
11B/12
11B/13
11B/15
54/1B
GN-W
GN
GN-SB
GN-GR
BL-R
Y
BL-W
A:16
BN-W
A:32
Y-W
A:15
P-W
A:33
GN
A:70
VO-W
A:14
VO
A:7
A:60
GN-R
A:22
GR-W
A:4
BN-SB
A:23
VO-W
GR-R
A:40
BN-SB
A:61
A:58
BN-GR
A:21
A:39
A:68
SB
A:46
A:64
R
W
A:48
A:66
20/3
20/4
20/5
20/6
20/7
R-W
BL
A:31
BN
A:30
A:28
Y
A:29
P
A:51
VO
A:50
53/309
31/88
31/89
53/328
53/360
9/32
GN-GR
SB
6/120
ETA
BL-R
A:35
GN-Y
A:36
W
A:43
A:25
BN
A:5
GN-SB
A:6
A:34
A:52
53/314
53/326
A:53
A:54
A:62
A:17
31/96
C

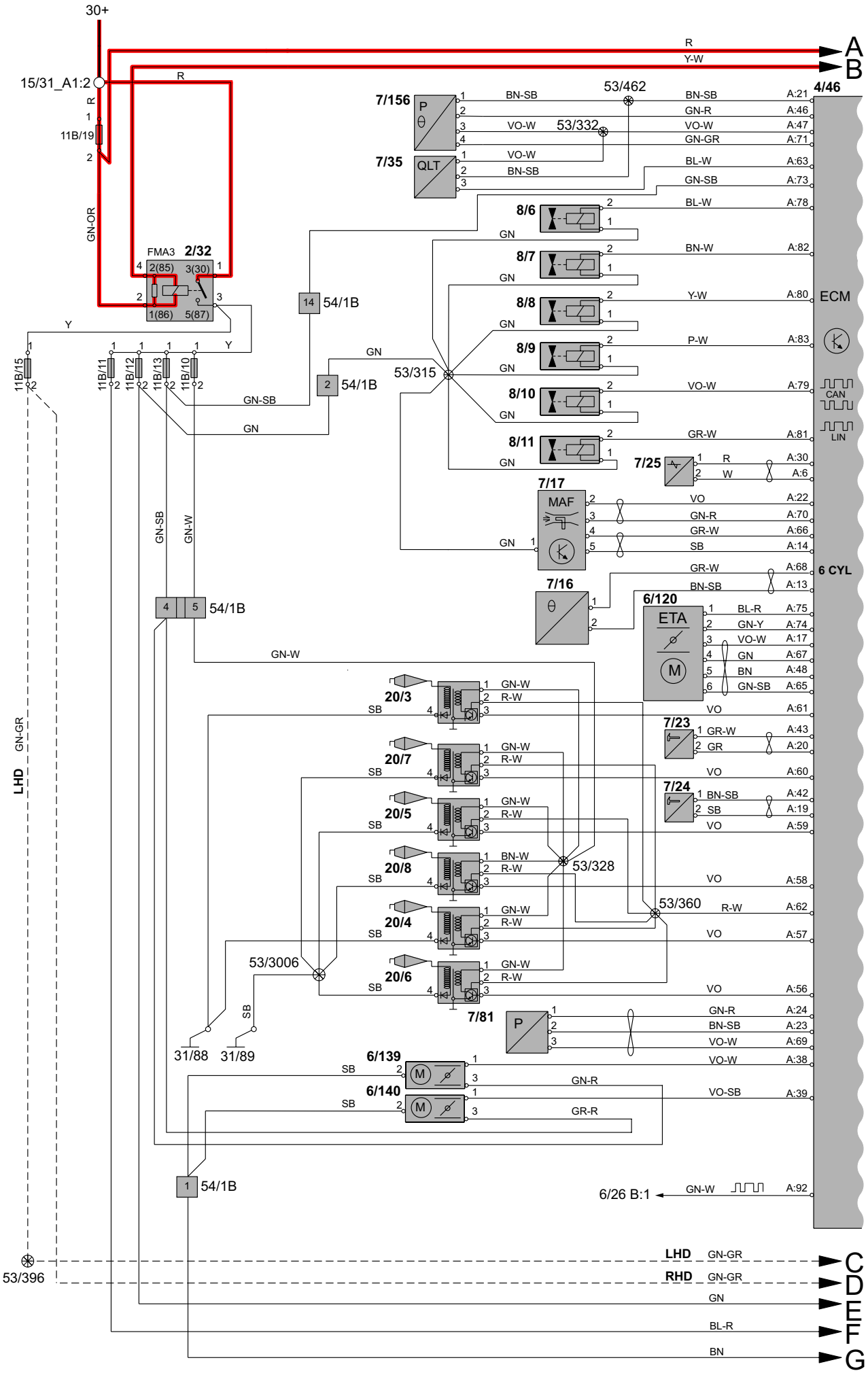
Group 23 Fuel system
Engine management system, 5-cyl. 2:2



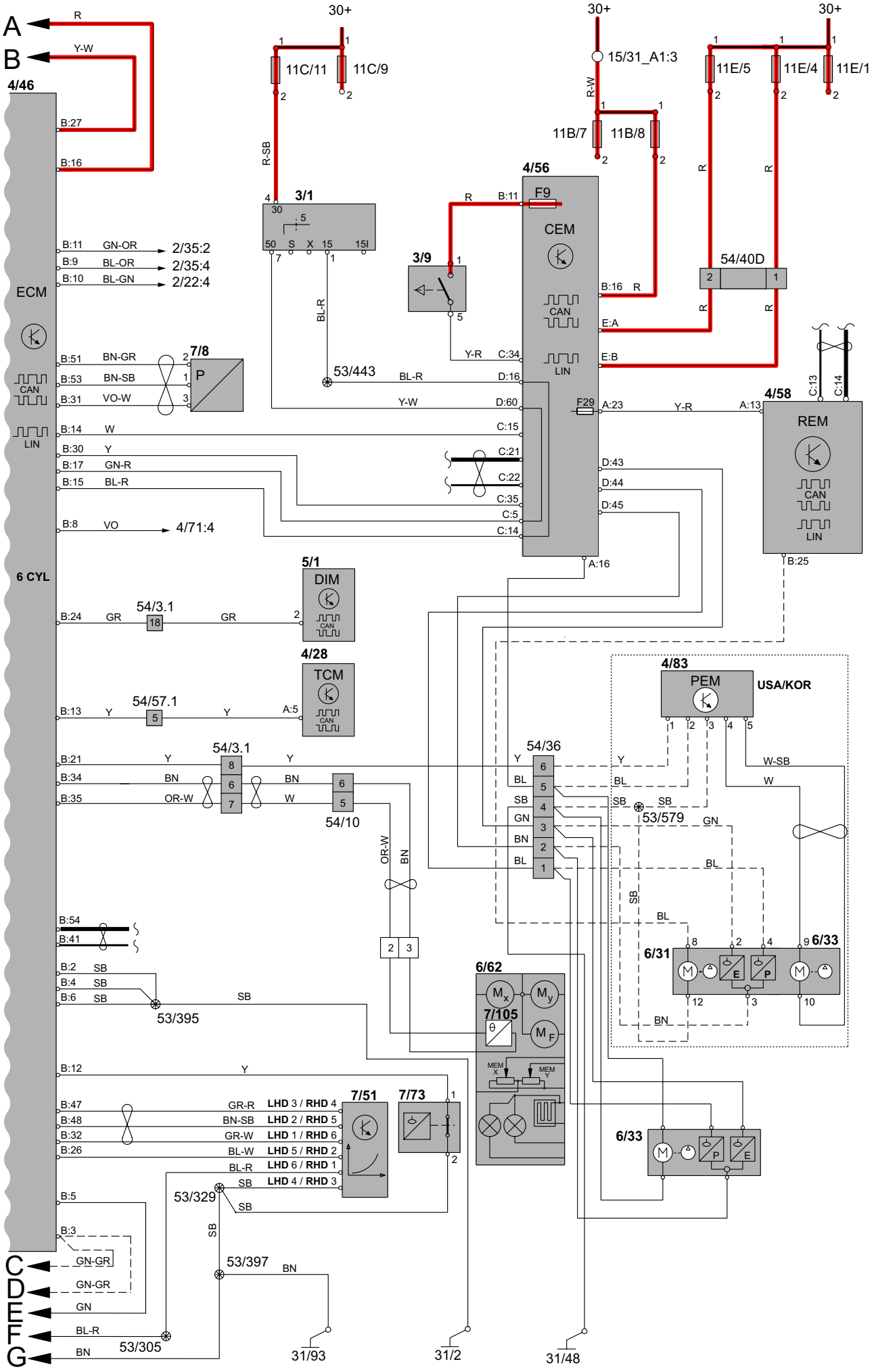

30+
15/31_A1:2
R
A
Y-W
B
11B/19
FMA3
2/32
GN-OR
1(86)
5(87)
2(85)
3(30)
Y
11B/11
11B/10
11B/12
11B/15
GN-W
GN
GN-GR
54/1B
53/309
4/46
ECM
CAN
5 CYL
T
8/28
8/6
8/7
8/8
8/9
8/10
53/315
7/6
7/17
MAF
7/165
7/16
7/8
7/156
B5244T5
B5254T2 USA
B5254T2 KOR
7/35
QLT
53/319
53/332
GN
BL-W
BN-W
Y-W
P-W
VO-W
BN-SB
VO
GR-W
GR-R
BN-P
GN-R
VO-W
BN
Y
GN-GR
BL
SB
P
R
W
A:38
A:16
A:34
A:15
A:33
A:17
A:14
A:26
A:22
A:58
A:5
A:23
A:4
A:60
A:39
A:68
A:3
A:2
A:40
A:31
A:46
A:64
A:45
A:67
A:30
A:48
A:66
A:50
A:7
A:52
A:51
A:36
A:19
A:59
A:35
A:20
A:1
A:53
A:54
A:63
9/32
20/3
20/4
20/5
20/6
20/7
31/88
31/89
53/328
7/24
7/23
7/25
54/53
4/71:4
6/120
ETA
BL-R
GN-Y
GN-SB
53/326
31/96
BL-R
C

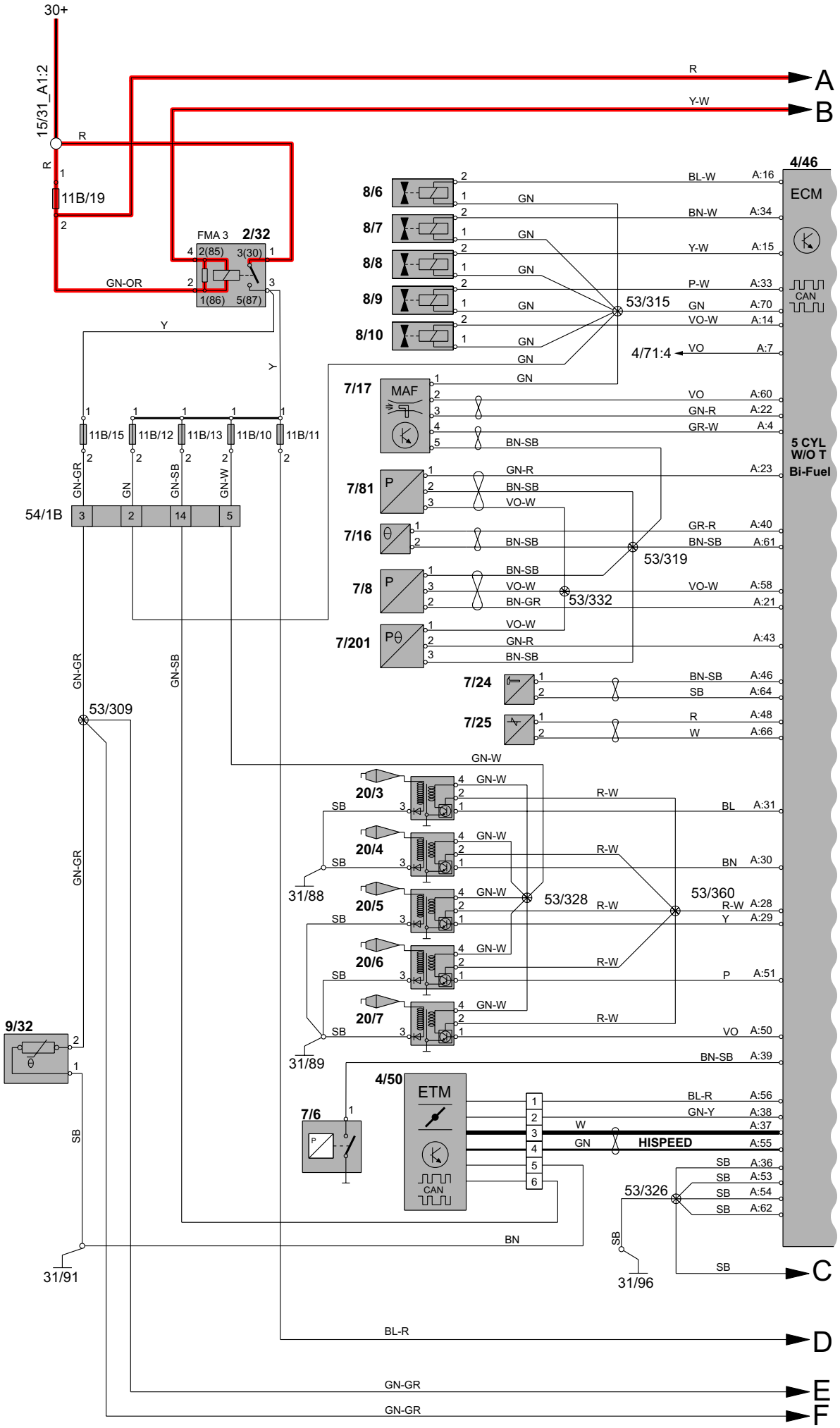
Group 23 Fuel system
Engine management system, 5-cyl. Turbo 2:2



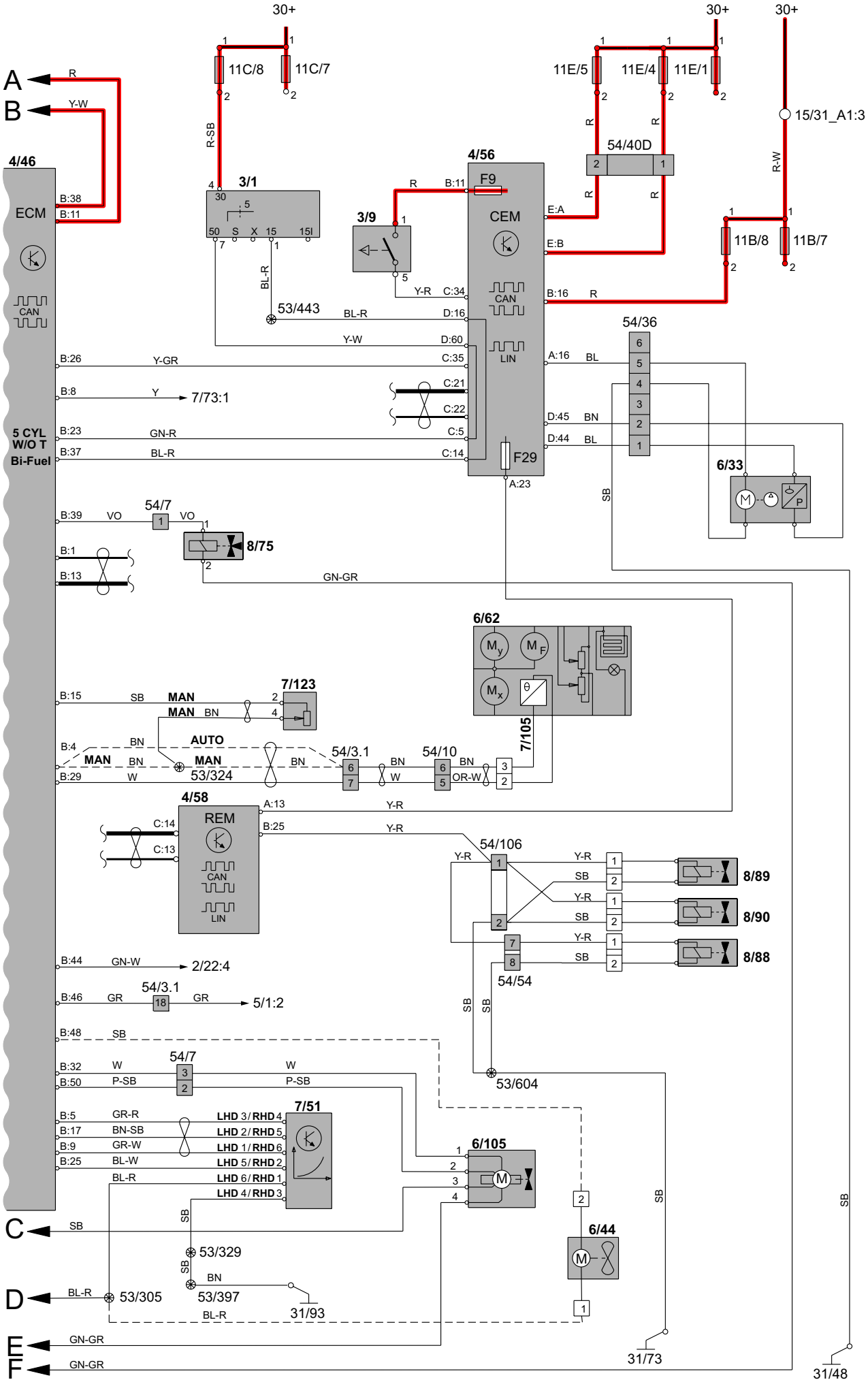

30+
15/31_A1:2
11B/19
GN-OR
FMA3 2/32
2(85)
3(30)
1(86)
5(87)
14 54/1B
2 54/1B
4 5 54/1B
1 54/1B
11B/15
11B/11
11B/12
11B/13
11B/10
GN-SB
GN-W
GN-GR
LHD
53/462
53/332
53/315
53/328
53/360
53/3006
53/396
7/156
7/35
8/6
8/7
8/8
8/9
8/10
8/11
7/25
7/17
MAF
7/16
6/120
ETA
20/3
20/7
20/5
20/8
20/4
20/6
7/23
7/24
7/81
6/139
6/140
31/88
31/89
6/26 B:1
4/46
ECM
CAN
LIN
6 CYL
A:21
A:46
A:47
A:71
A:63
A:73
A:78
A:82
A:80
A:83
A:79
A:81
A:30
A:6
A:22
A:70
A:66
A:14
A:68
A:13
A:75
A:74
A:17
A:67
A:48
A:65
A:61
A:43
A:20
A:60
A:42
A:19
A:59
A:58
A:62
A:57
A:56
A:24
A:23
A:69
A:38
A:39
A:92
LHD GN-GR
RHD GN-GR
GN
BL-R
BN

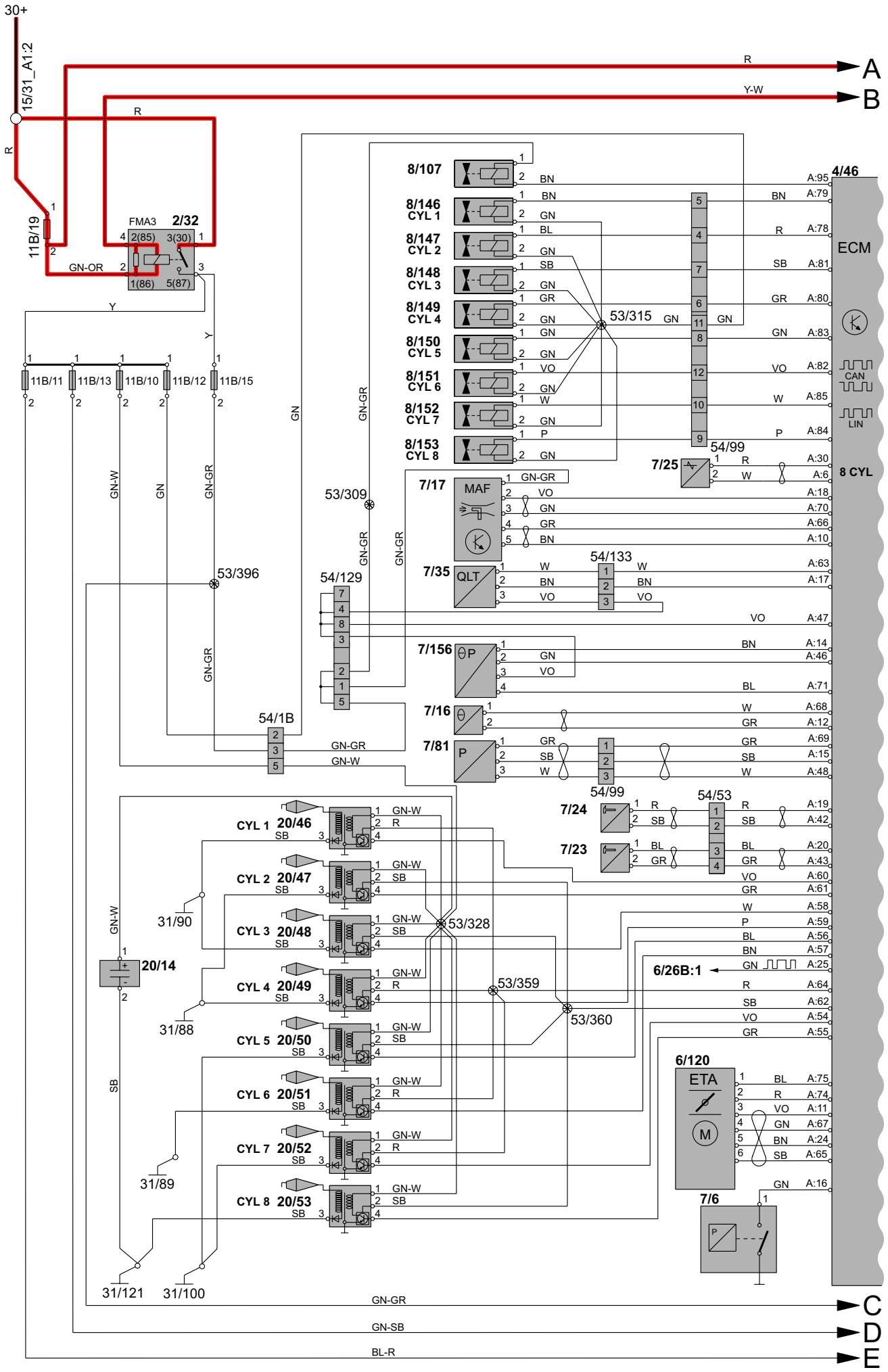
Group 23 Fuel system
Engine management system, 6-cyl. 2:2



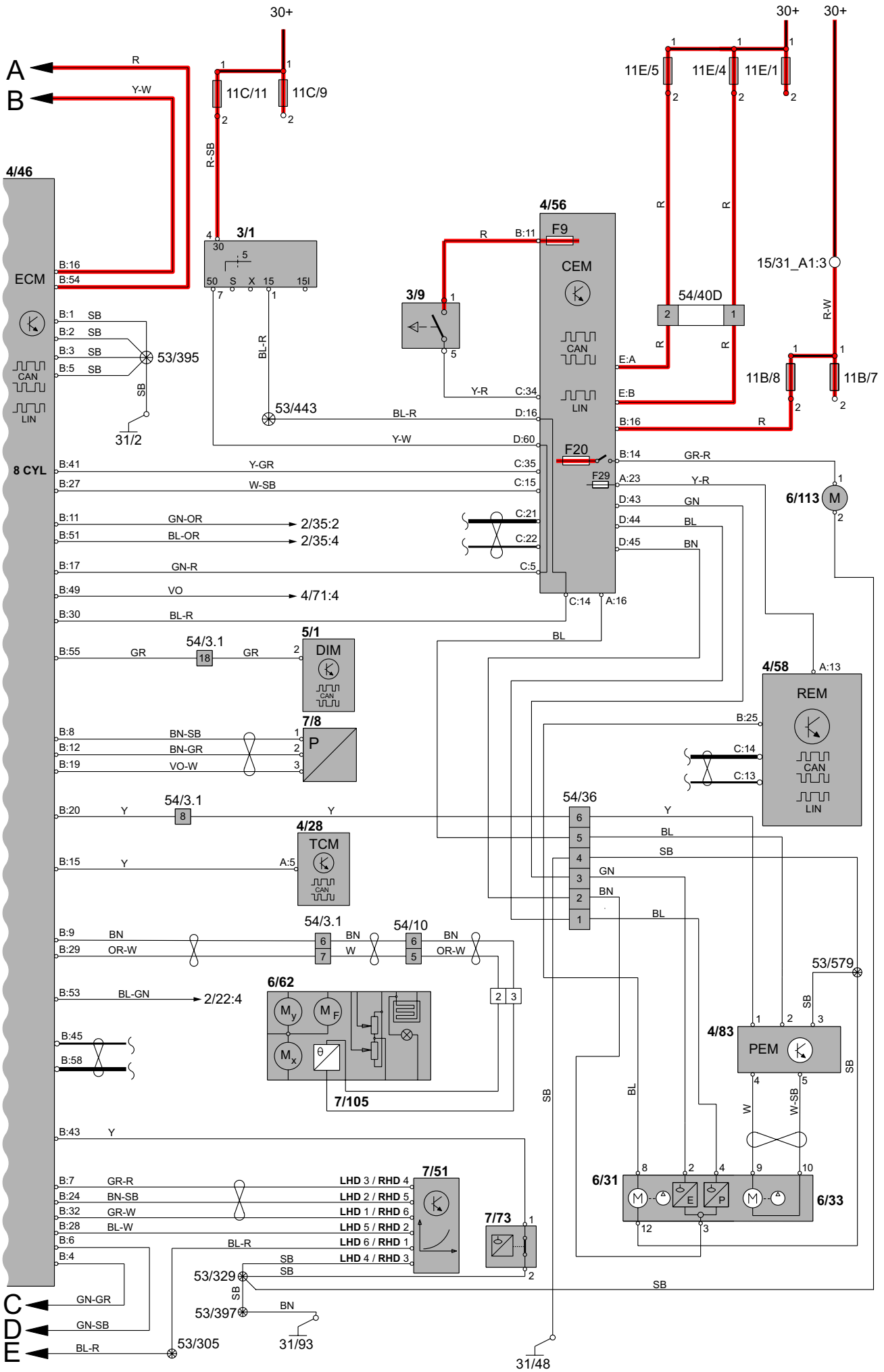

30+
15/31_A1:2
R
11B/19
FMA 3
2/32
2(85)
3(30)
1(86)
5(87)
GN-OR
Y
11B/15
11B/12
11B/13
11B/10
11B/11
GN-GR
GN
GN-SB
GN-W
54/1B
53/309
9/32
31/91
31/88
31/89
31/96
53/315
53/319
53/332
53/328
53/360
53/326
8/6
8/7
8/8
8/9
8/10
7/17
MAF
7/81
7/16
7/8
7/201
7/24
7/25
20/3
20/4
20/5
20/6
20/7
4/50
ETM
7/6
CAN
HISPEED
4/71:4
4/46
ECM
5 CYL
W/O T
Bi-Fuel
A
B
C
D
E
F

Group 23 Fuel system
Engine management system, Bi-Fuel 2:2

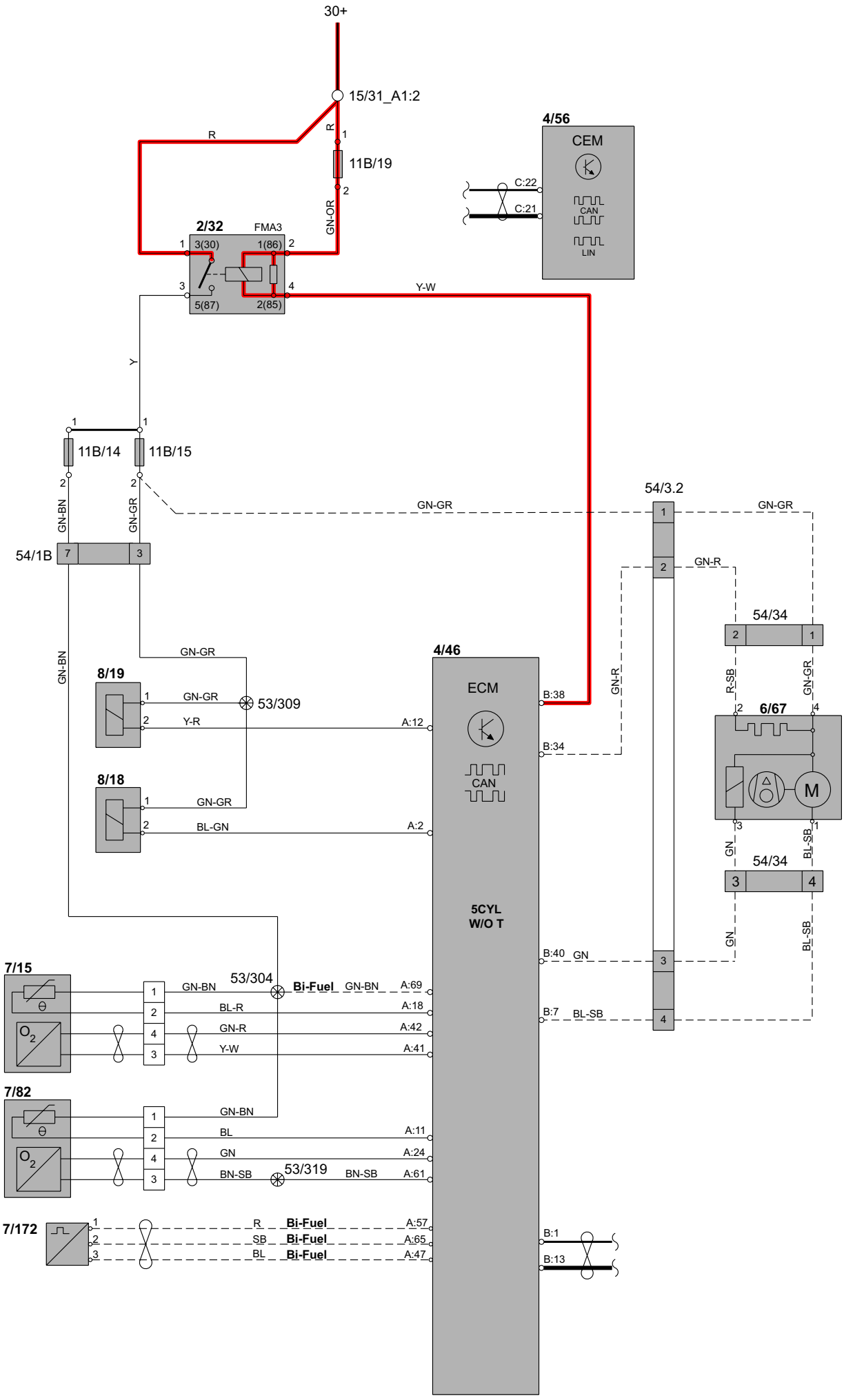



30+
15/31_A1:2
R
Y-W
A
B
11B/19
FMA3
2/32
GN-OR
Y
11B/11
11B/13
11B/10
11B/12
11B/15
GN
GN-GR
GN-W
8/107
8/146 CYL 1
8/147 CYL 2
8/148 CYL 3
8/149 CYL 4
8/150 CYL 5
8/151 CYL 6
8/152 CYL 7
8/153 CYL 8
53/315
4/46
ECM
8 CYL
CAN
LIN
54/99
7/25
7/17
MAF
53/309
7/35
QLT
54/133
54/129
53/396
54/1B
7/156
7/16
7/81
7/24
7/23
54/53
CYL 1 20/46
CYL 2 20/47
CYL 3 20/48
CYL 4 20/49
CYL 5 20/50
CYL 6 20/51
CYL 7 20/52
CYL 8 20/53
20/14
31/90
31/88
31/89
31/121
31/100
53/328
53/359
53/360
6/26B:1
6/120
ETA
7/6
C
D
E
GN-SB
BL-R
TP 39113202 V70/XC90 2008
70

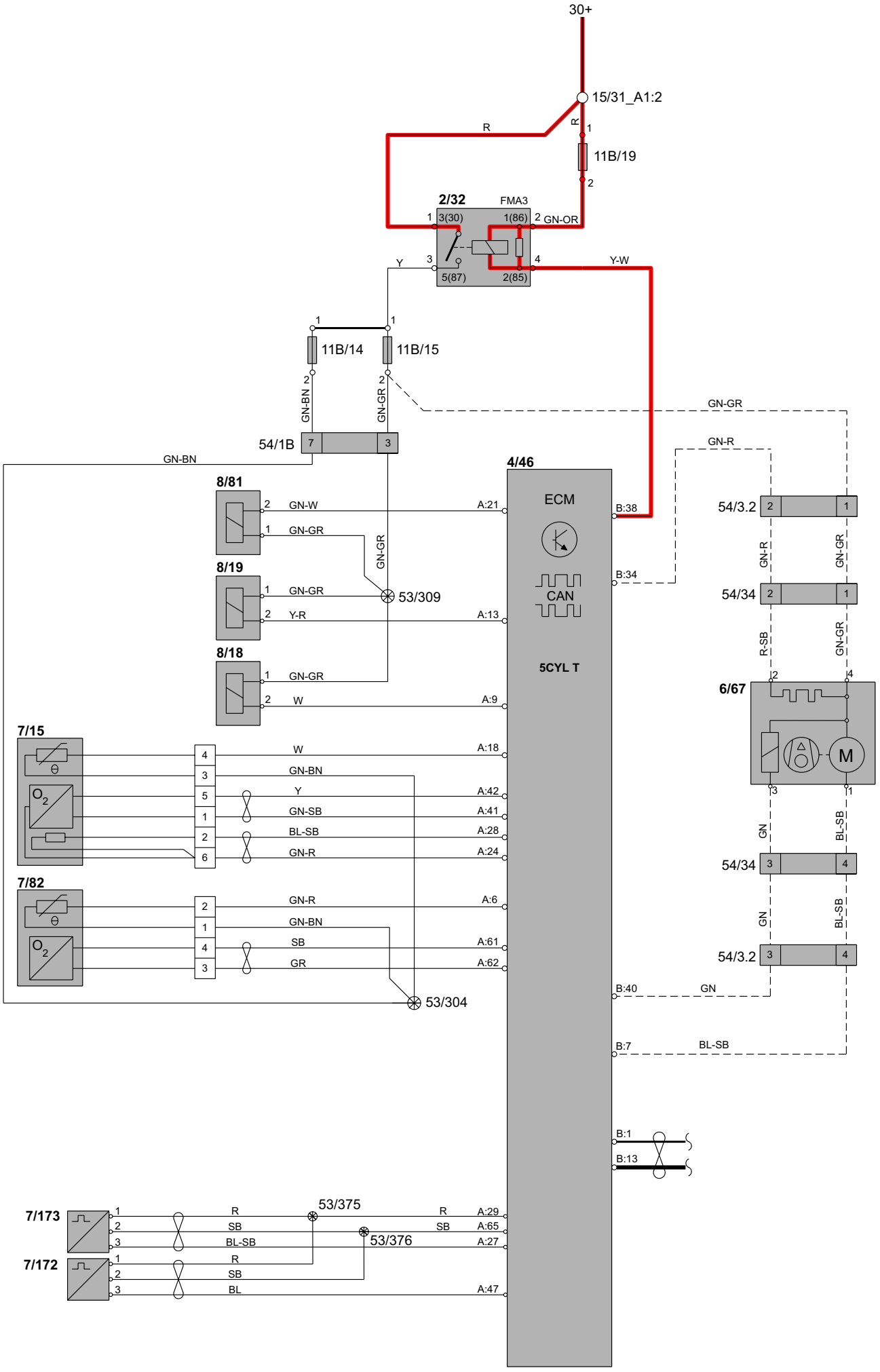
Group 23 Fuel system
Engine management system, 8-cyl. 2:2

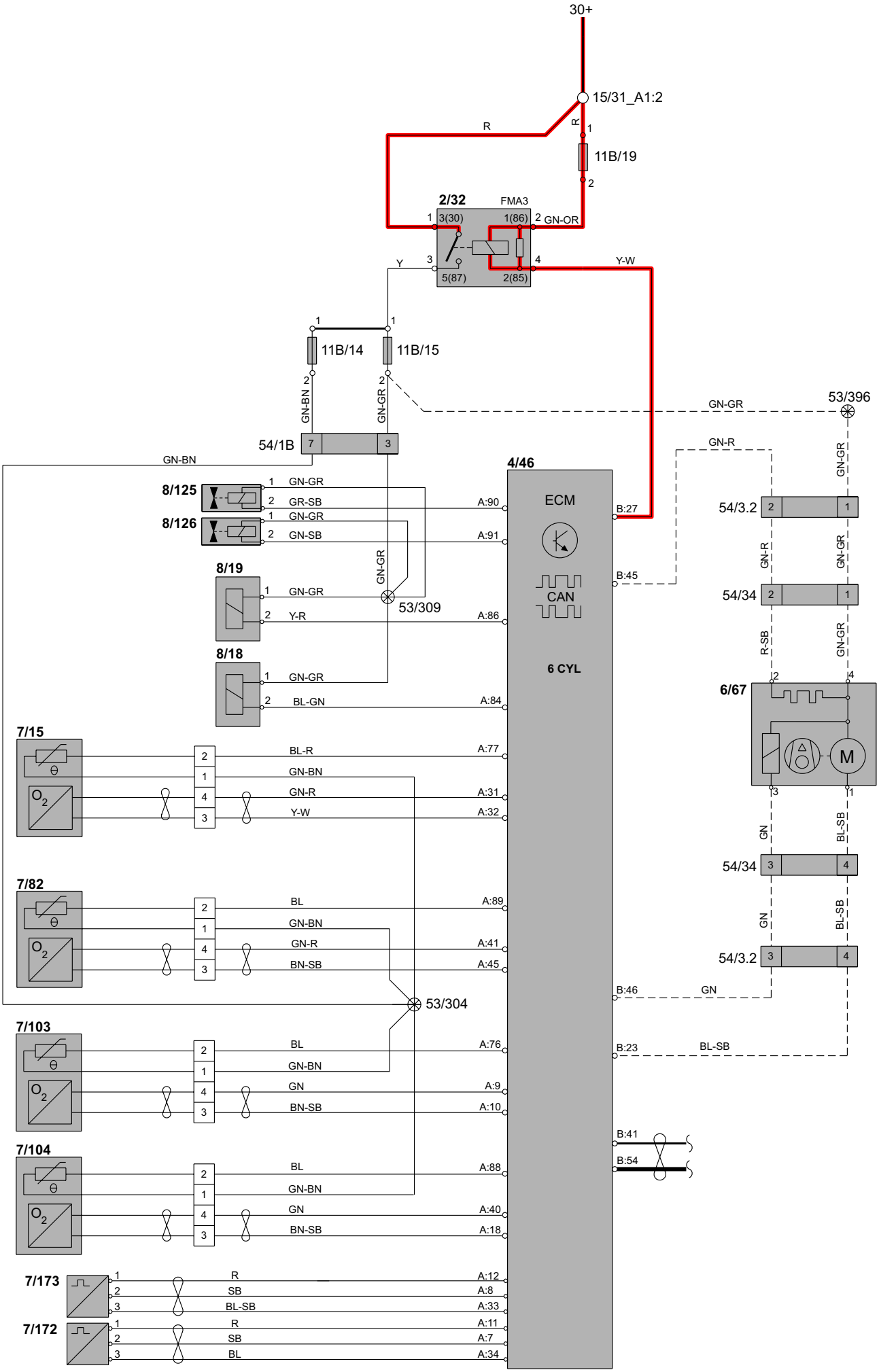


Group 23 Fuel system
Emission control, 5-cyl.

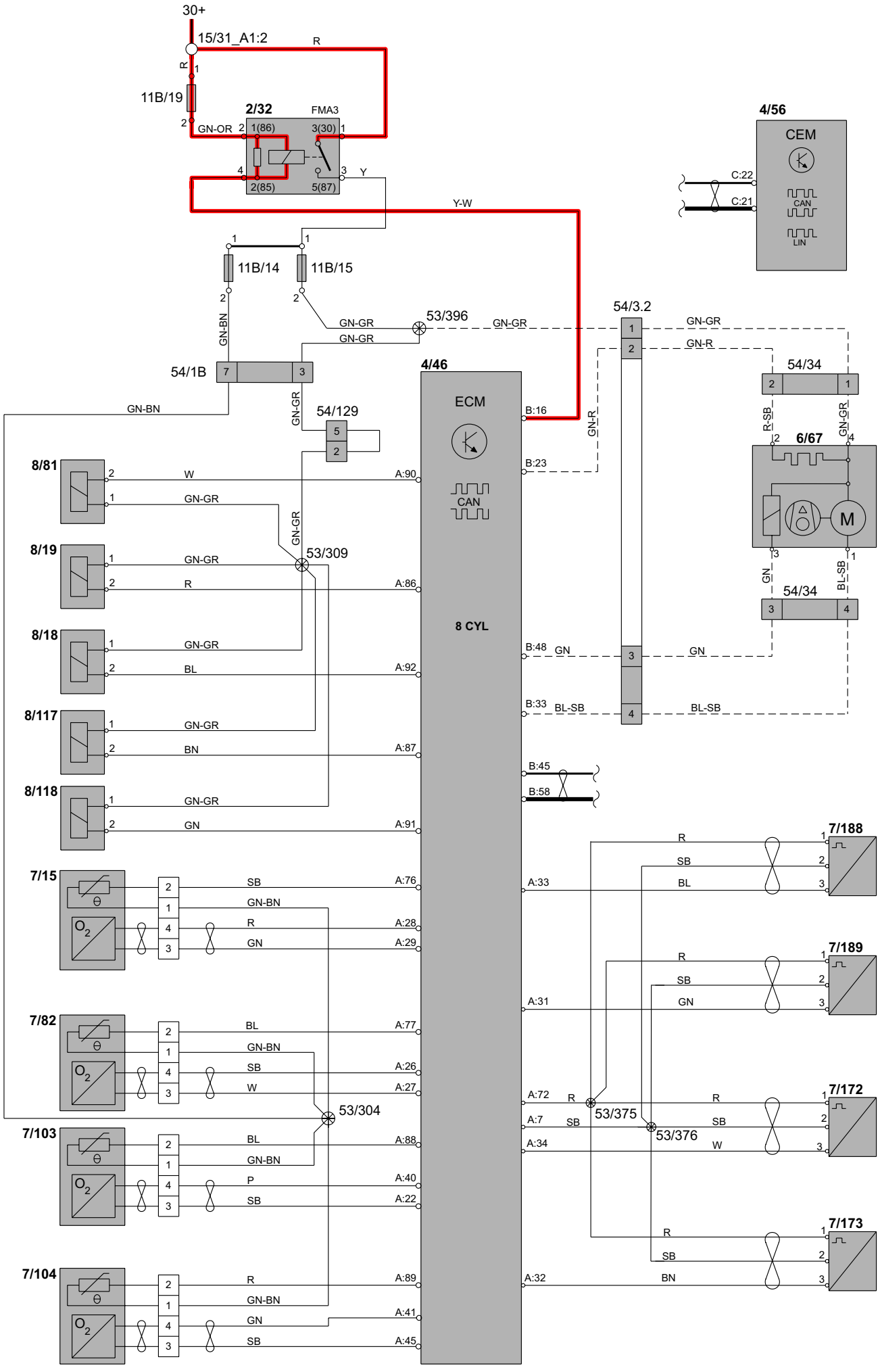


Group 23 Fuel system
Emission control, 5-cyl. Turbo

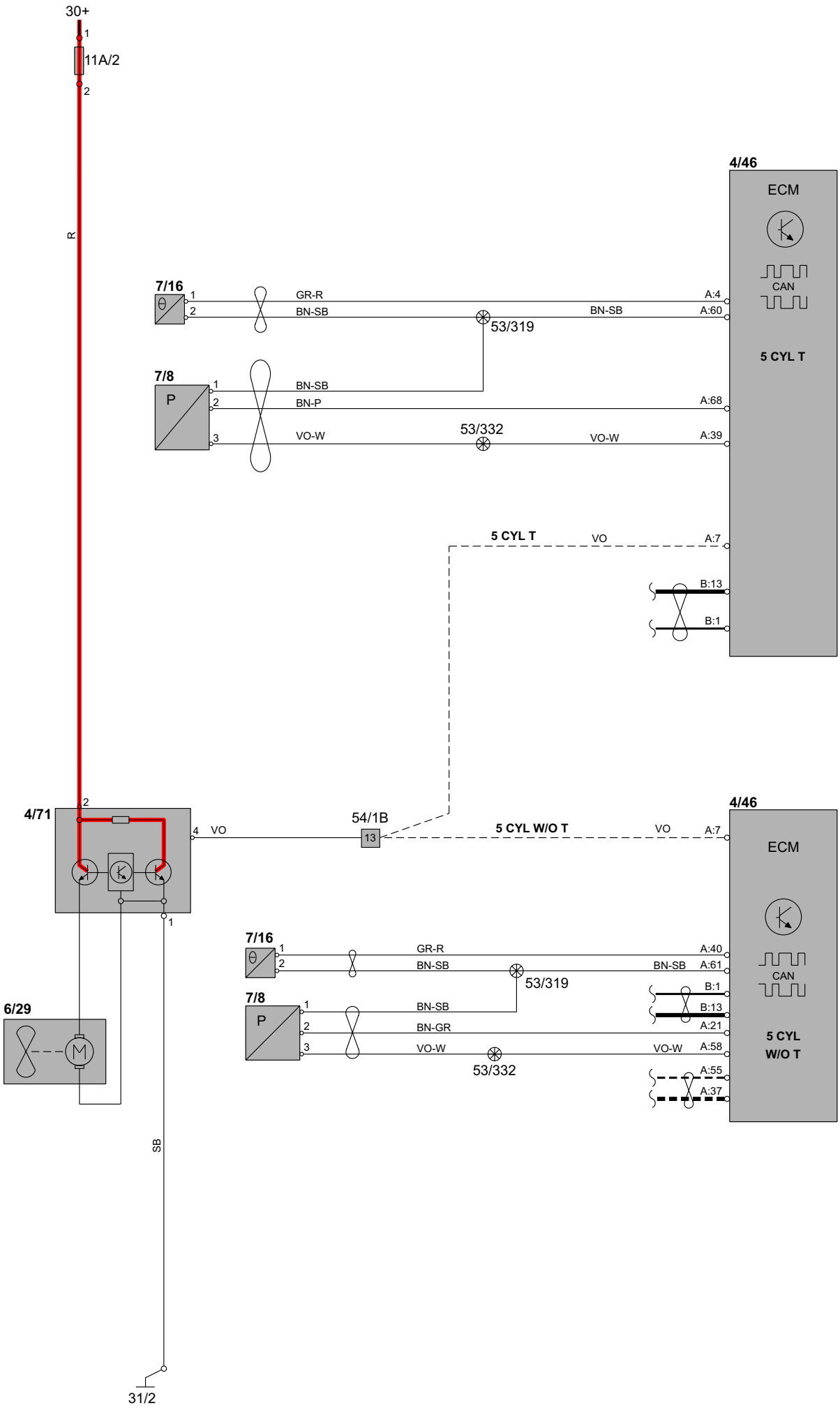



30+
15/31_A1:2
R
11B/19
2/32
FMA3
3(30)
1(86)
GN-OR
5(87)
2(85)
Y
Y-W
11B/14
11B/15
GN-BN
GN-GR
53/396
54/1B
GN-BN
GN-R
4/46
ECM
CAN
6 CYL
8/125
GR-SB
A:90
8/126
GN-SB
A:91
8/19
Y-R
A:86
53/309
8/18
BL-GN
A:84
B:27
B:45
54/3.2
54/34
R-SB
6/67
M
7/15
BL-R
A:77
GN-BN
GN-R
A:31
Y-W
A:32
7/82
BL
A:89
BN-SB
A:41
A:45
53/304
B:46
GN
7/103
A:76
A:9
A:10
B:23
BL-SB
7/104
A:88
A:40
A:18
B:41
B:54
7/173
R
A:12
SB
A:8
BL-SB
A:33
7/172
A:11
A:7
BL
A:34

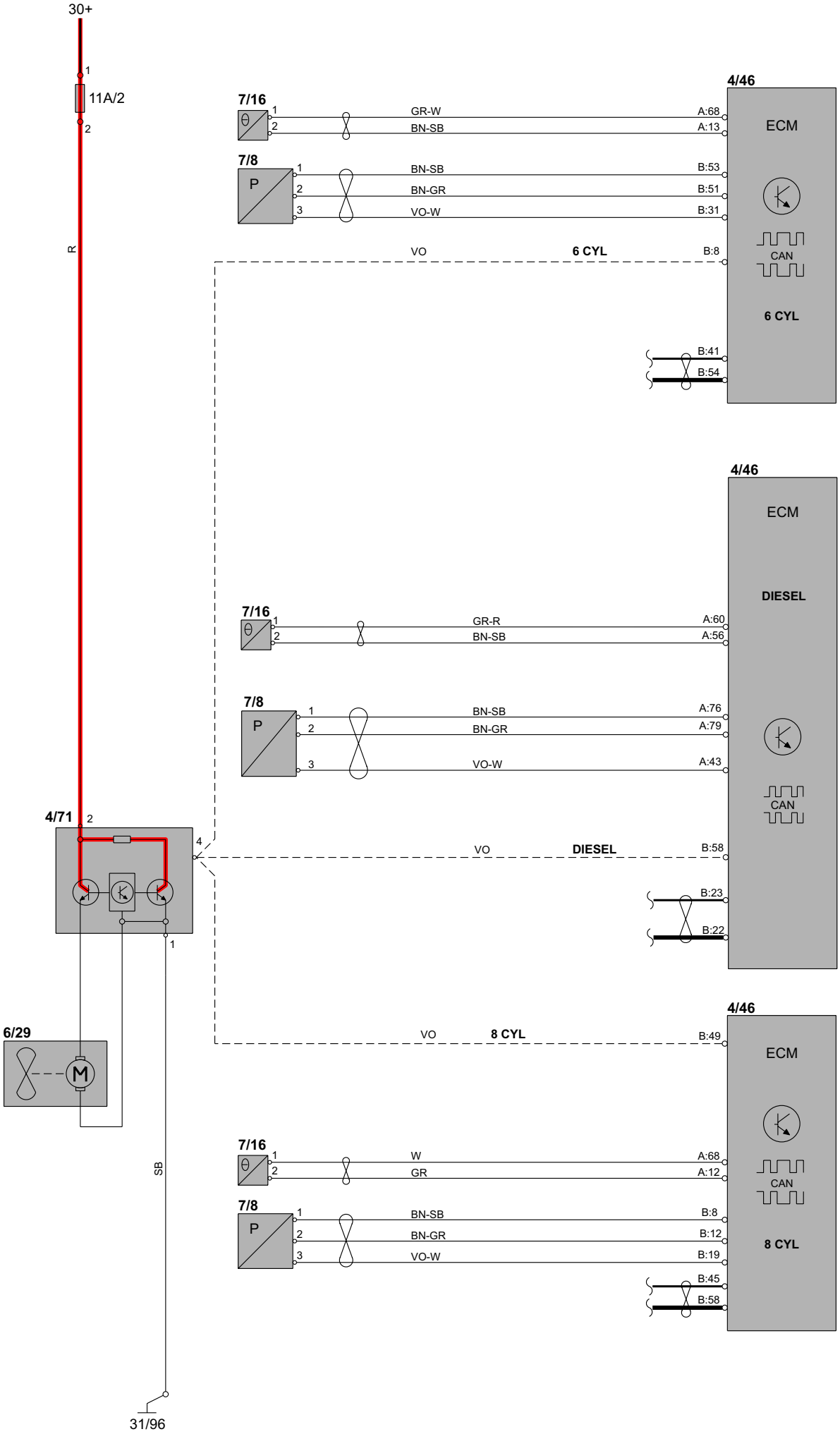
Group 23 Fuel system
Emission control, 8-cyl.



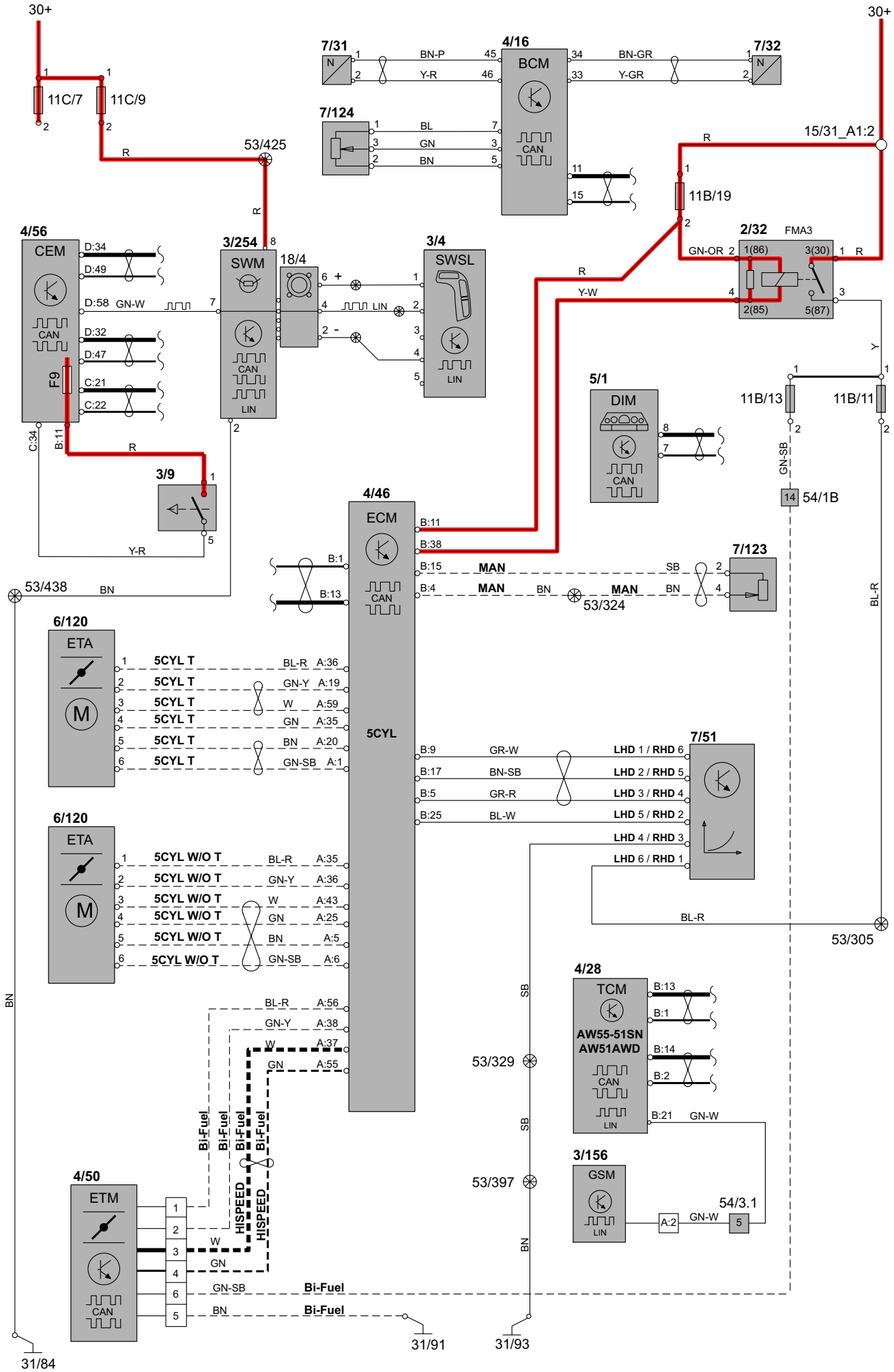
Group 26 Cooling system
Cooling fan, 5-cyl.

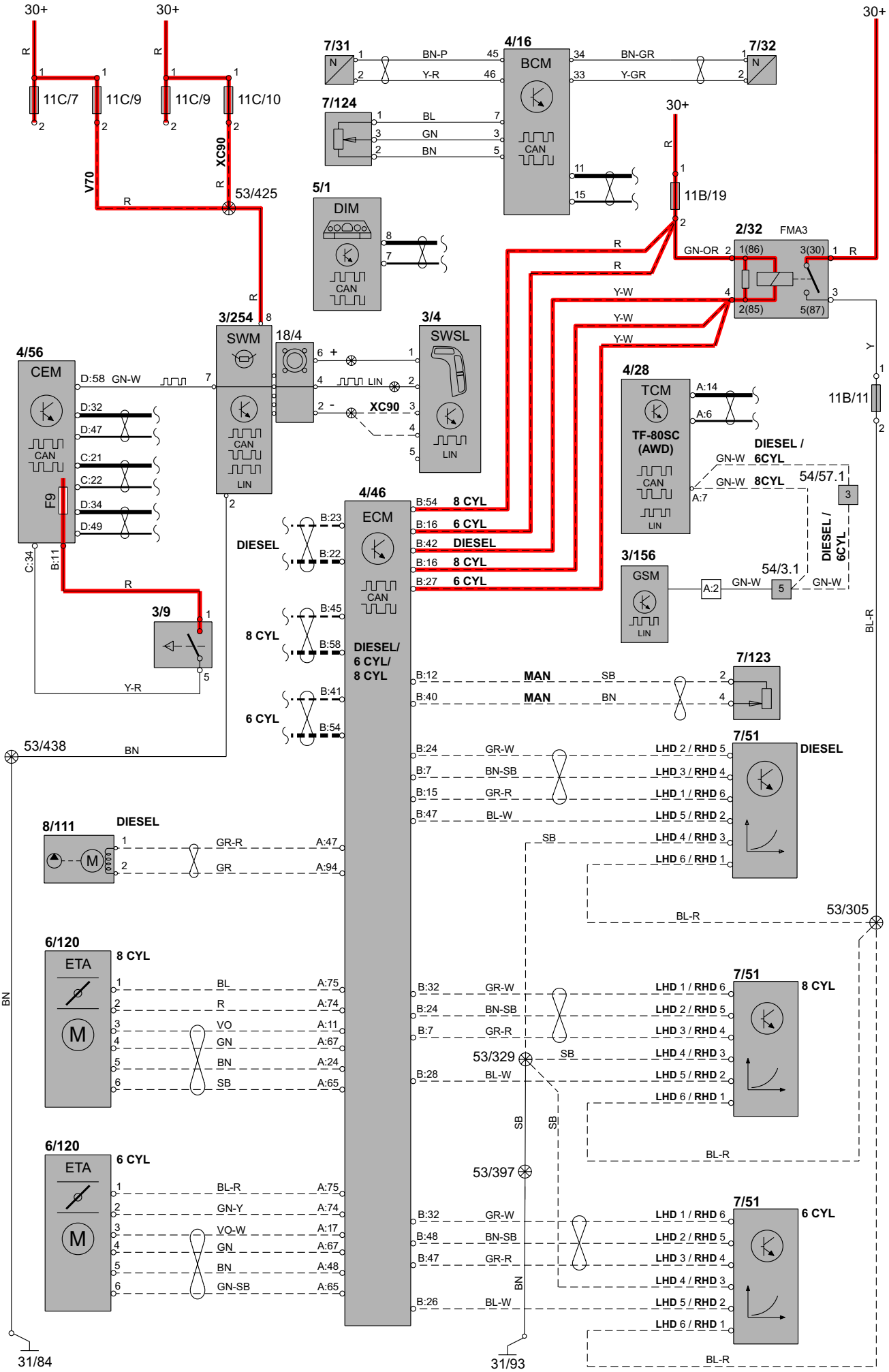


Group 26 Cooling system
Cooling fan, Diesel, 6-cyl. & 8-cyl.

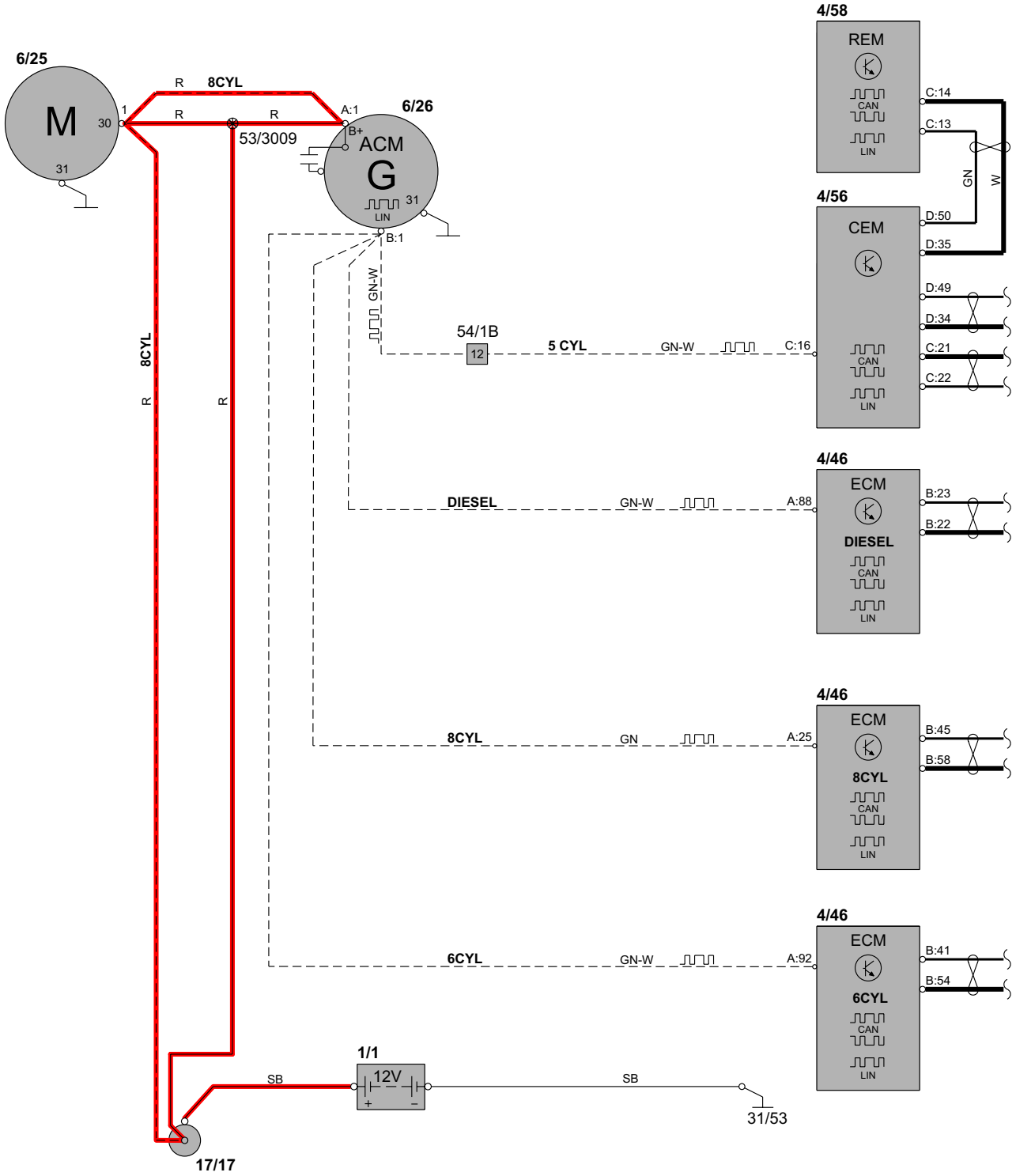


Group 27 Engine control
Cruise control, 5-cyl.

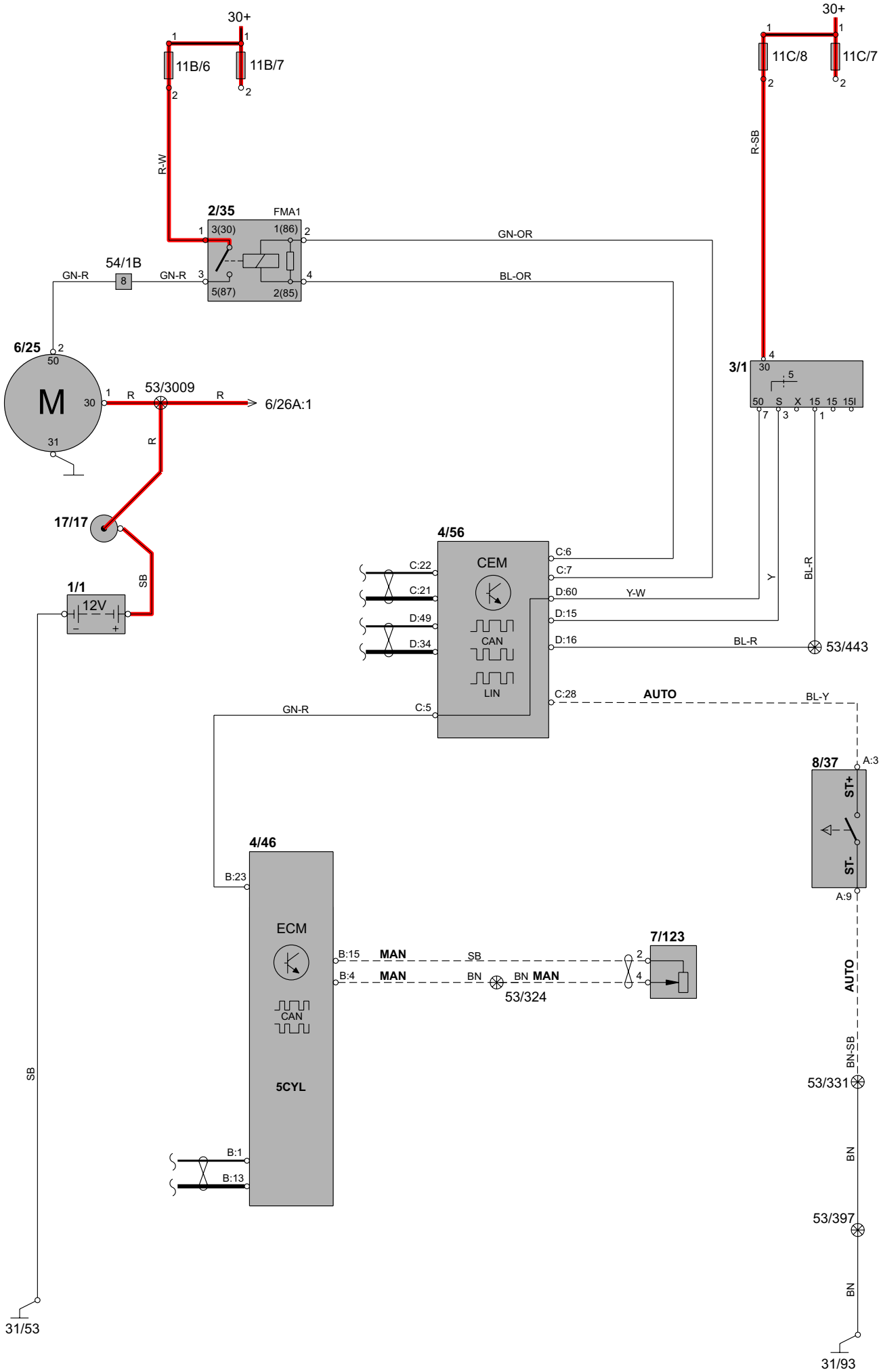



30+
11C/7
11C/9
11C/9
11C/10
V70
XC90
53/425
7/31
BN-P
Y-R
4/16
BCM
BN-GR
Y-GR
7/32
7/124
BL
GN
BN
CAN
11B/19
5/1
DIM
2/32
FMA3
GN-OR
1(86)
3(30)
2(85)
5(87)
Y-W
3/254
SWM
18/4
3/4
SWSL
LIN
4/56
CEM
D:58 GN-W
D:32
D:47
C:21
C:22
D:34
D:49
F9
C:34
B:11
3/9
Y-R
4/28
TCM
TF-80SC
(AWD)
A:14
A:6
A:7
DIESEL /
6CYL
8CYL
54/57.1
11B/11
3/156
GSM
A:2
54/3.1
4/46
ECM
B:54 8 CYL
B:16 6 CYL
B:42 DIESEL
B:16 8 CYL
B:27 6 CYL
DIESEL
8 CYL
6 CYL
DIESEL/
6 CYL/
8 CYL
B:23
B:22
B:45
B:58
B:41
B:54
7/123
B:12 MAN SB
B:40 MAN BN
53/438
BN
7/51
DIESEL
B:24 GR-W
B:7 BN-SB
B:15 GR-R
B:47 BL-W
LHD 2 / RHD 5
LHD 3 / RHD 4
LHD 1 / RHD 6
LHD 5 / RHD 2
LHD 4 / RHD 3
LHD 6 / RHD 1
8/111
DIESEL
GR-R
GR
A:47
A:94
53/305
6/120
8 CYL
ETA
BL
R
VO
GN
BN
SB
A:75
A:74
A:11
A:67
A:24
A:65
B:32 GR-W
B:24 BN-SB
B:7 GR-R
B:28 BL-W
8 CYL
53/329
6/120
6 CYL
BL-R
GN-Y
VO-W
GN
BN
GN-SB
A:75
A:74
A:17
A:67
A:48
A:65
53/397
B:32 GR-W
B:48 BN-SB
B:47 GR-R
B:26 BL-W
6 CYL
31/84
31/93

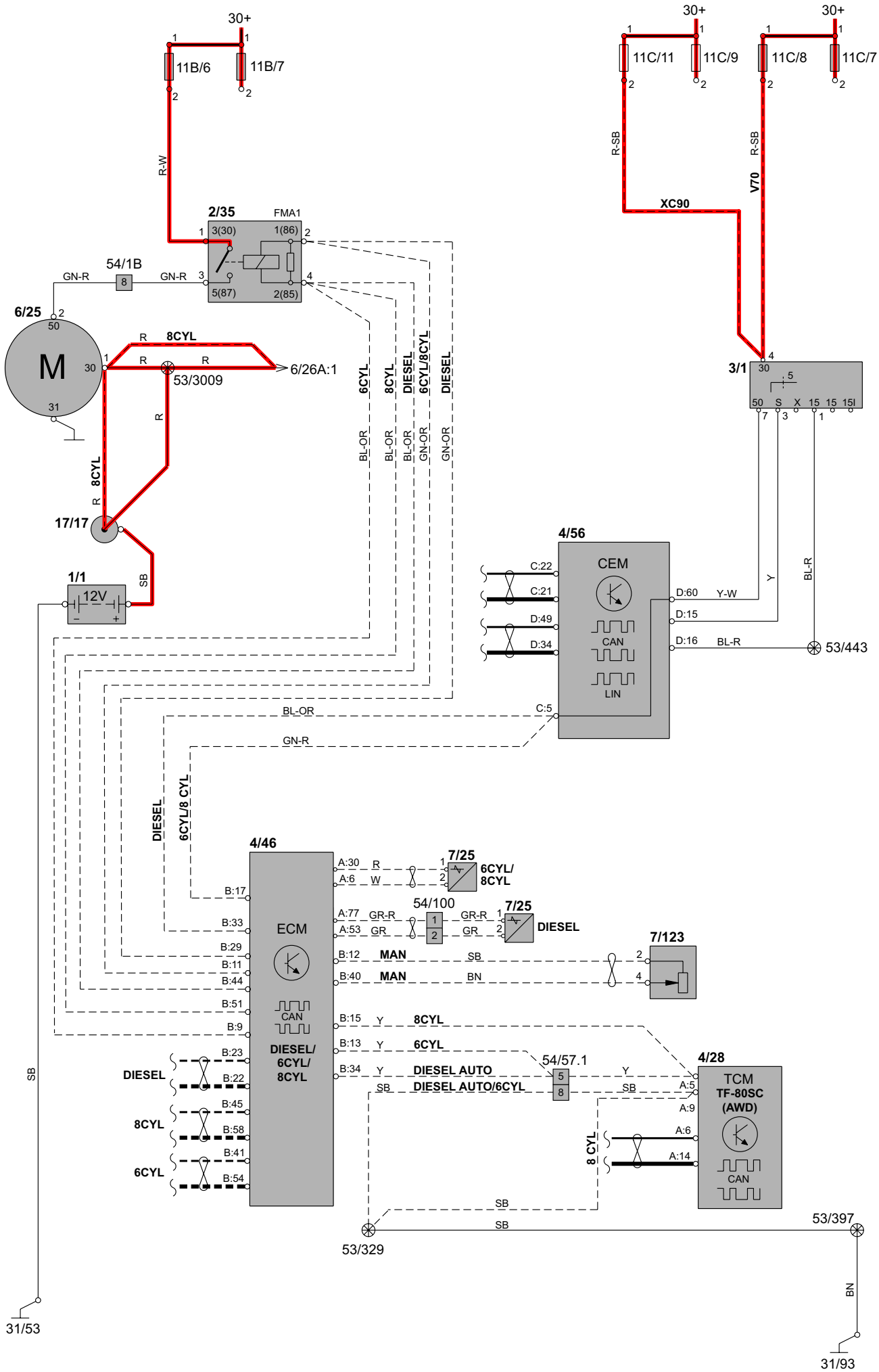
Group 32 Alternator and voltage regulator
Power supply



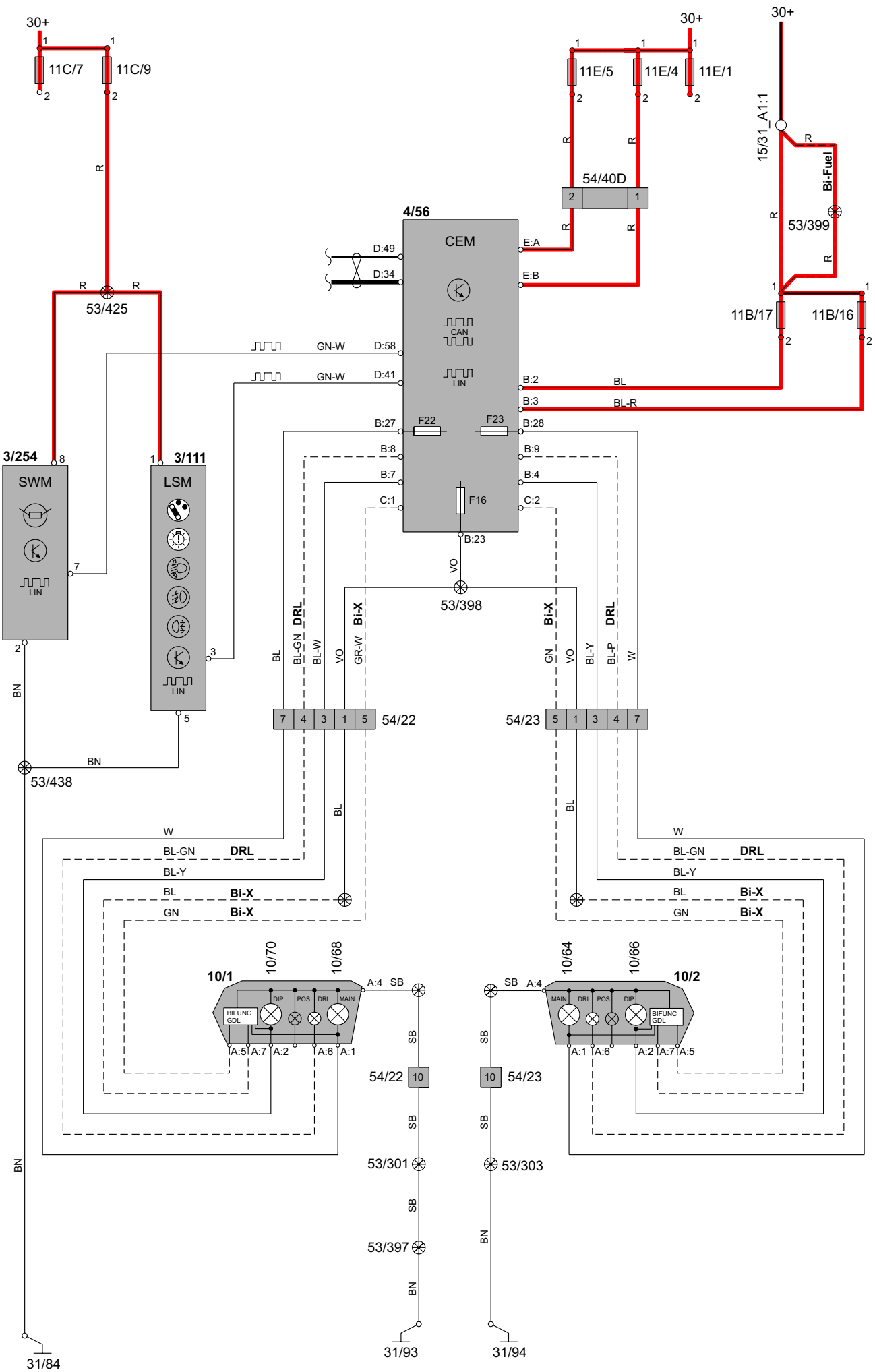
Starting system, 5-cyl.



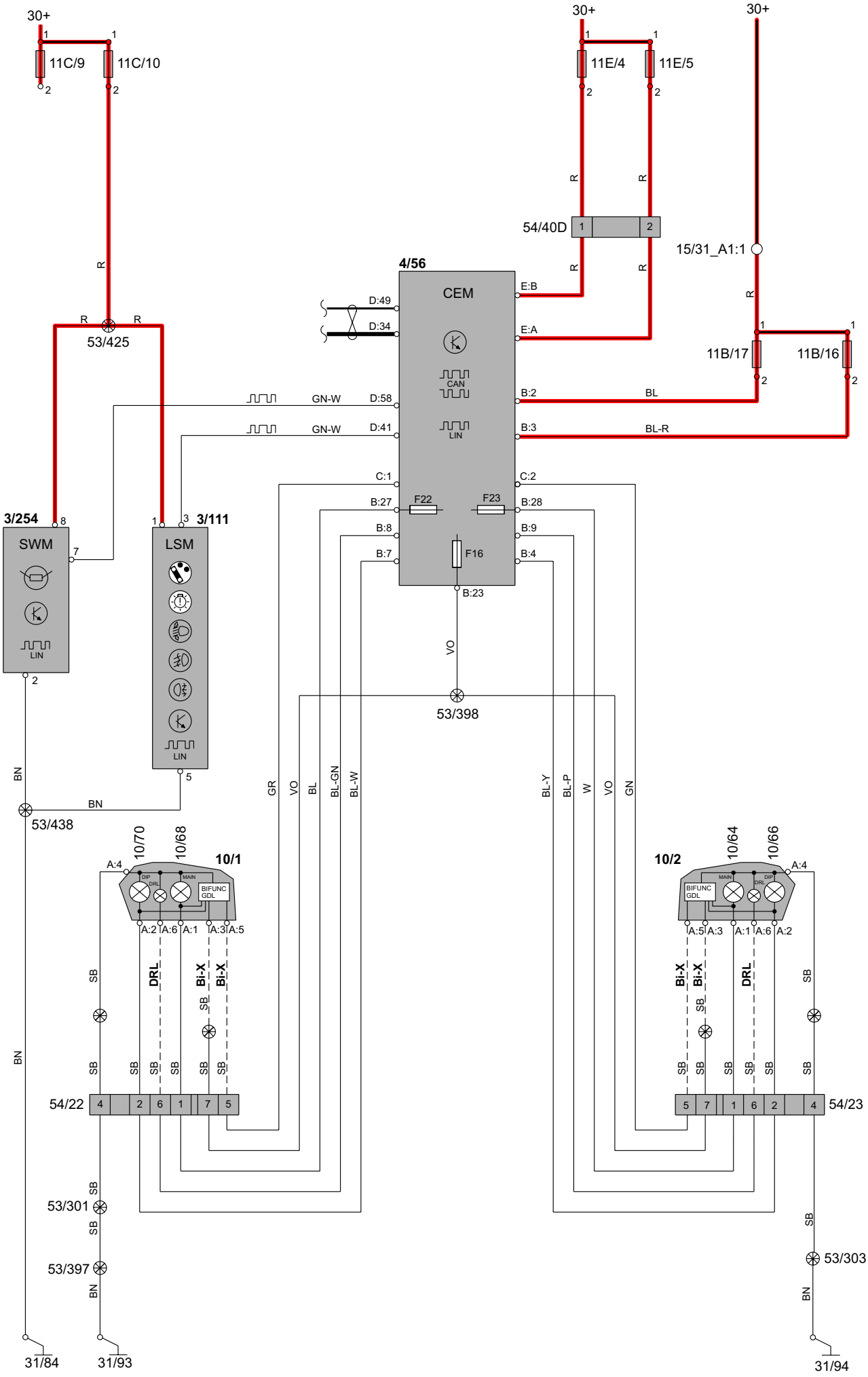
Starting system, Diesel, 6-cyl. & 8-cyl.



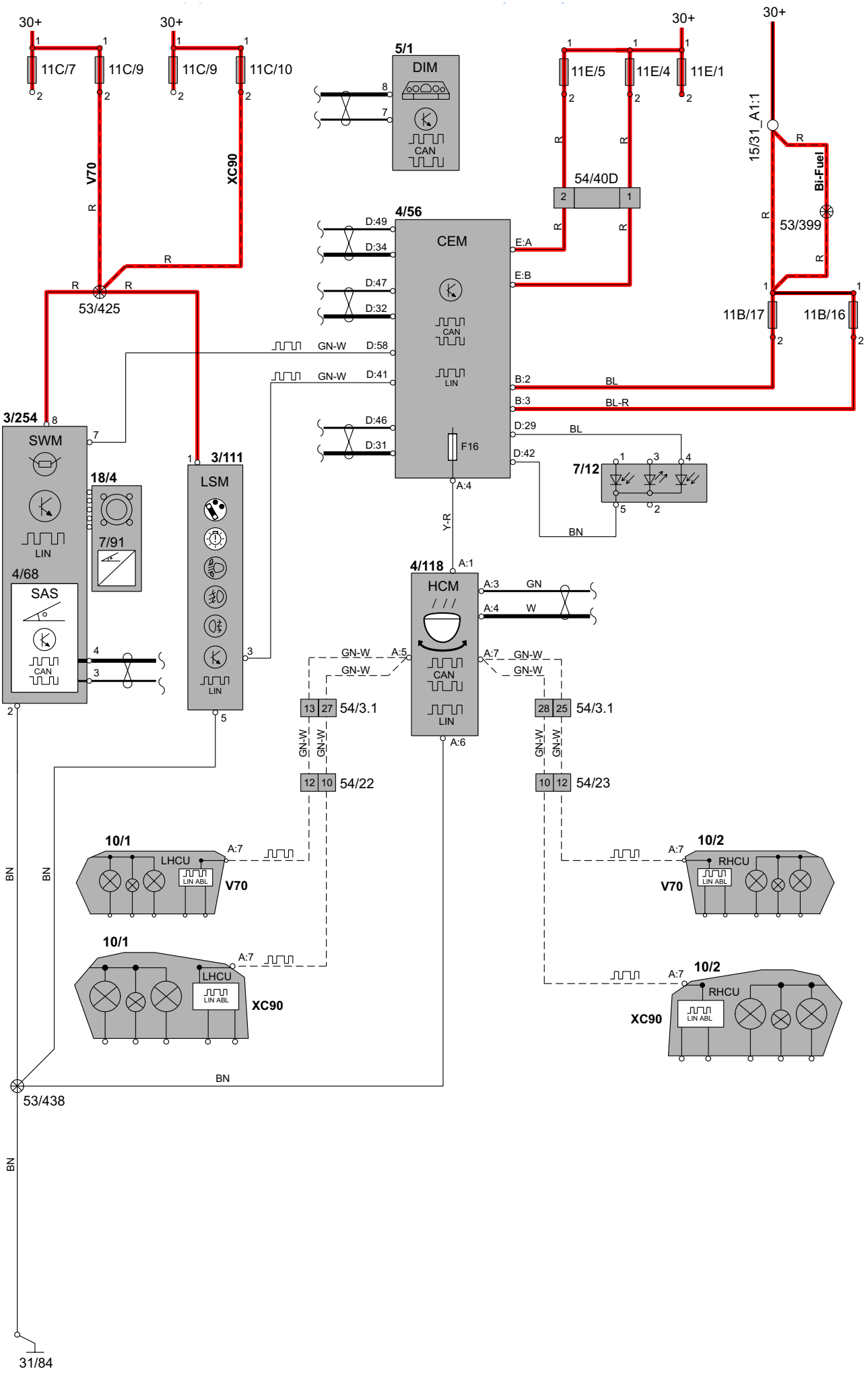
Group 35 Lighting
High and low beams/Bi-Xenon & Daytime running lights V70

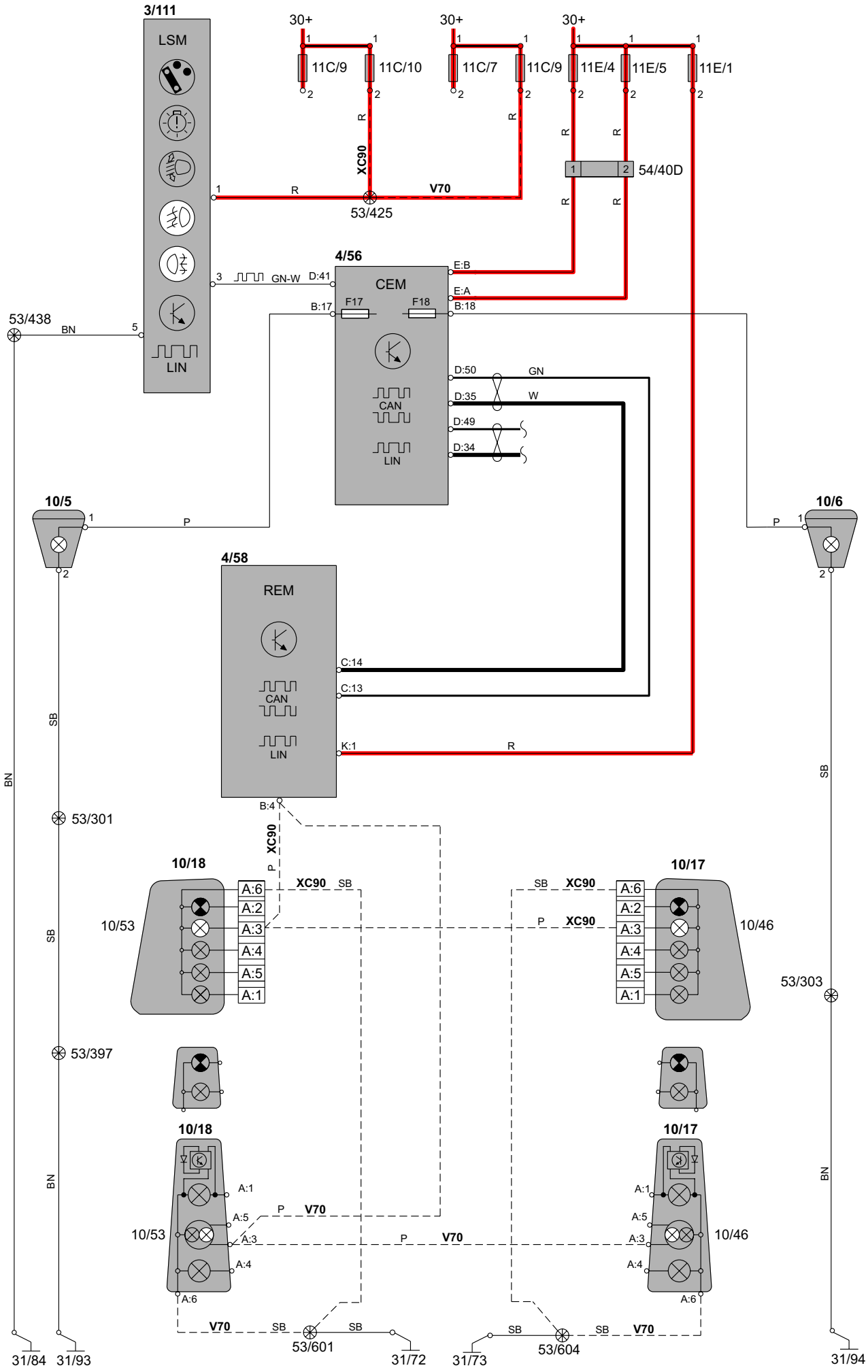


High and low beams/Bi-Xenon & Daytime running lights XC90

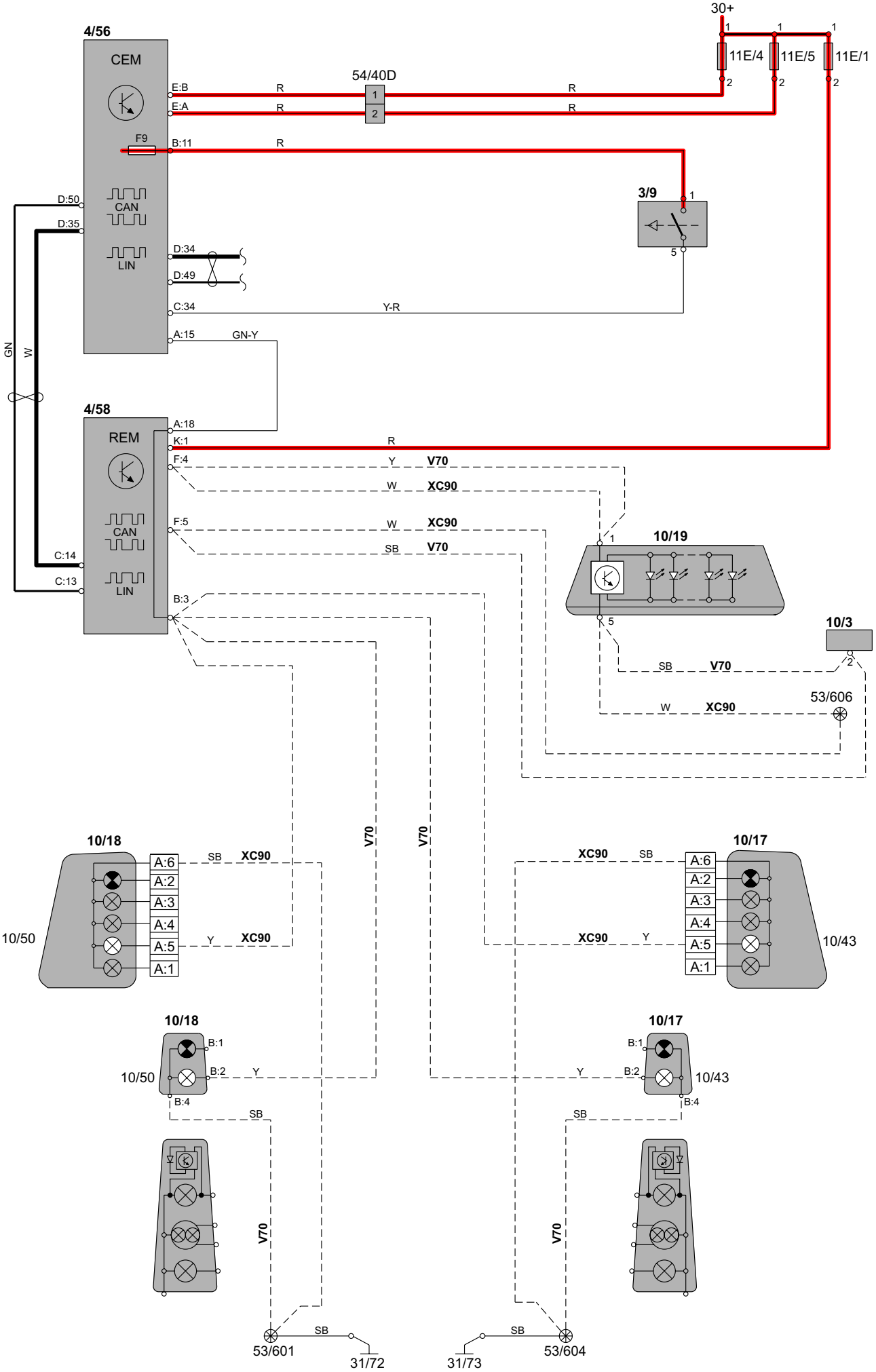


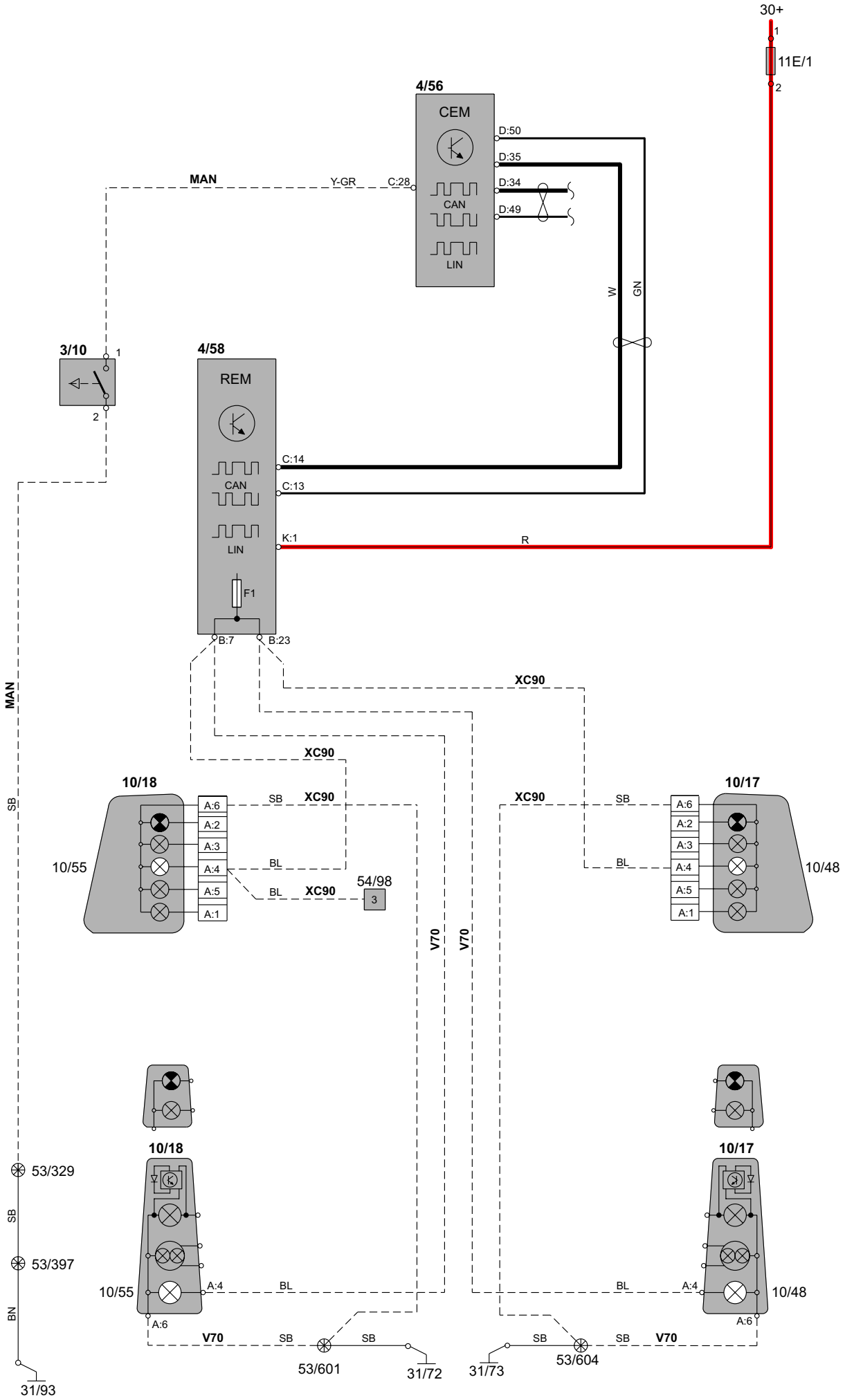
Group 35 Lighting
Active headlights (ABL)

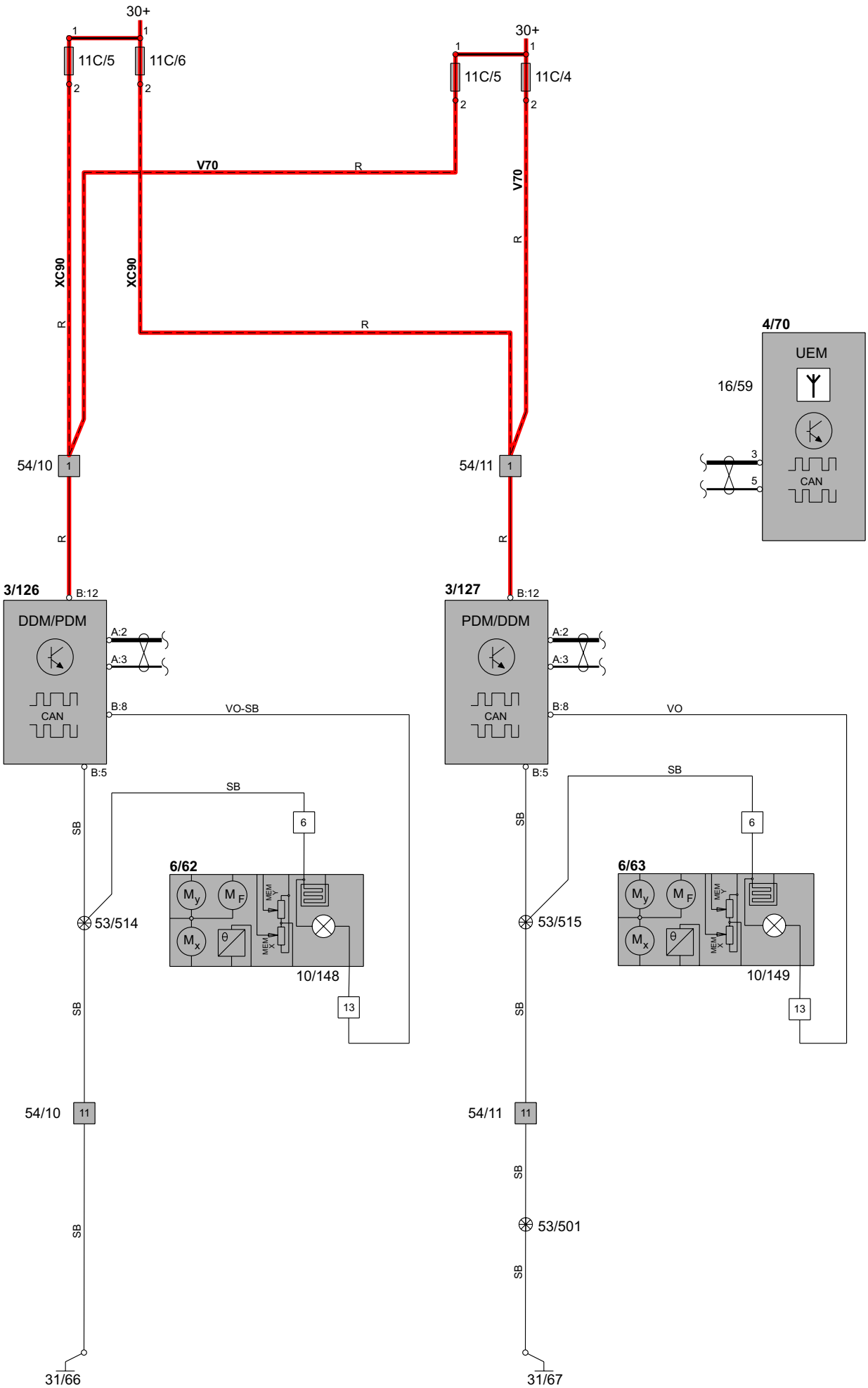



3/111
LSM
LIN
30+
11C/9
11C/10
11C/7
11C/9
11E/4
11E/5
11E/1
XC90
V70
53/425
54/40D
4/56
CEM
CAN
LIN
E:B
E:A
B:17
B:18
F17
F18
D:50
D:35
D:49
D:34
GN
W
GN-W
D:41
53/438
BN
10/5
10/6
P
4/58
REM
C:14
C:13
K:1
R
B:4
SB
53/301
53/303
53/397
10/18
10/17
10/53
10/46
A:6
A:2
A:3
A:4
A:5
A:1
53/601
53/604
31/84
31/93
31/72
31/73
31/94

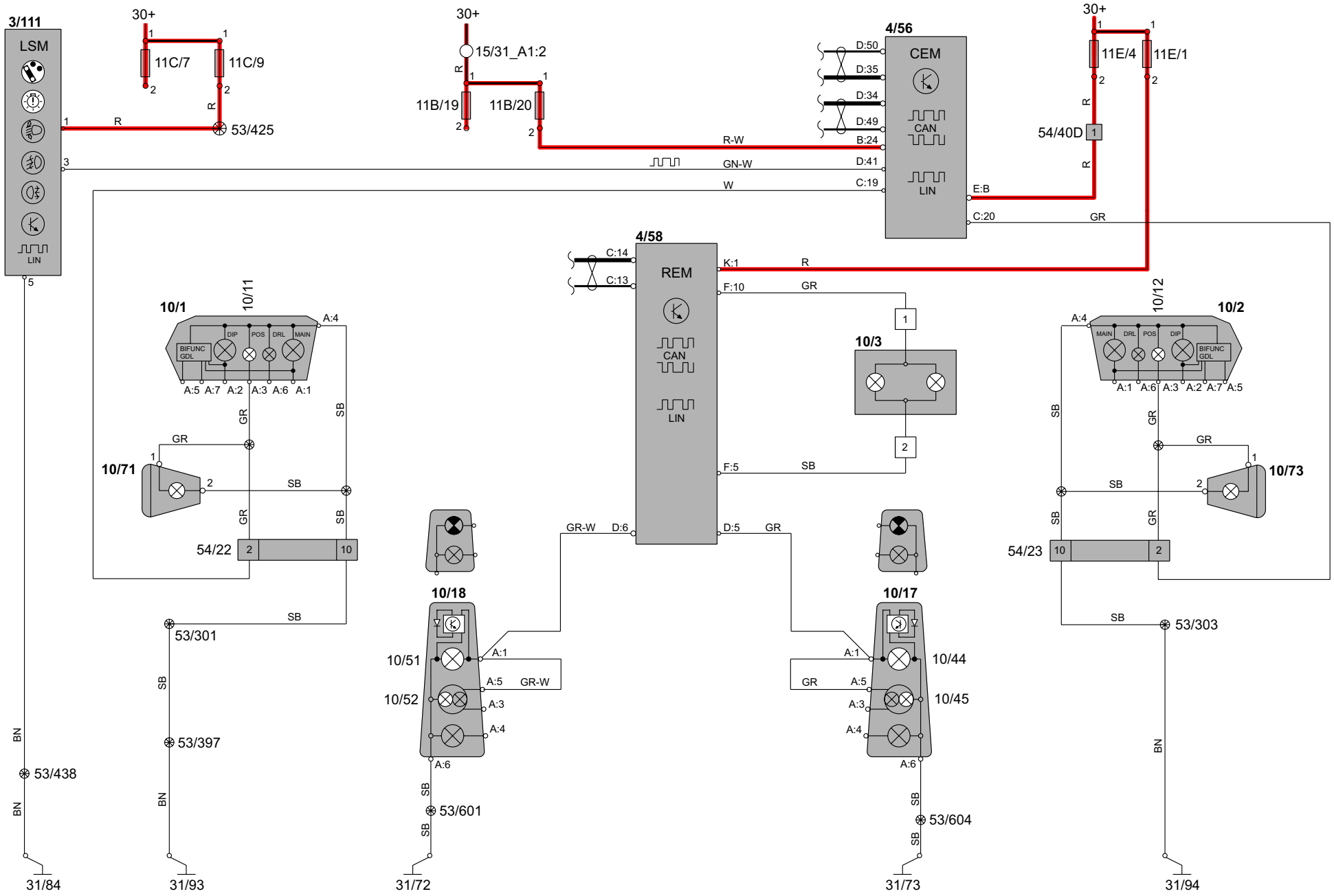
Group 35 Lighting
Brake lights



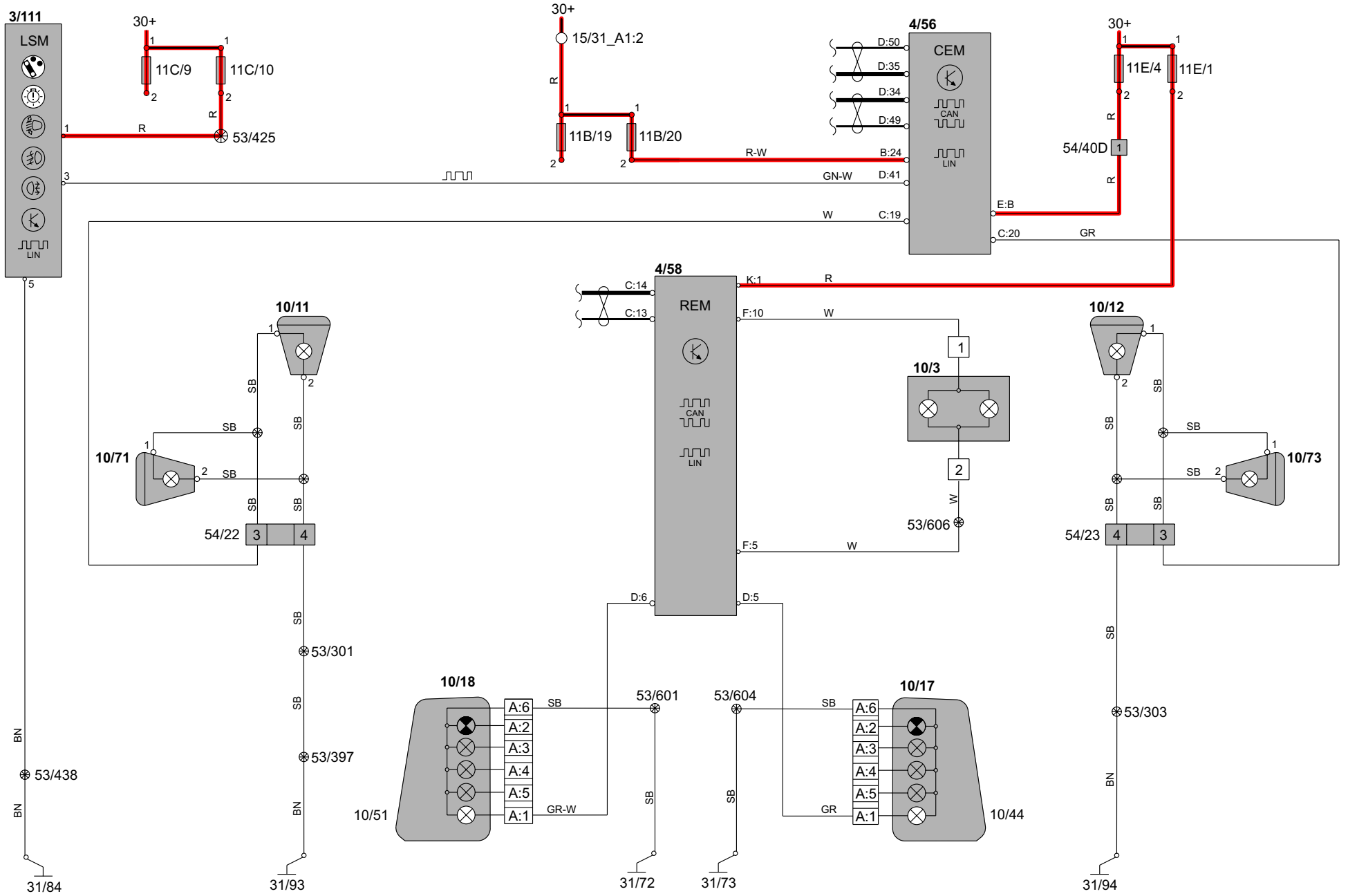

30+
1
11E/1
2
4/56
CEM
D:50
D:35
D:34
D:49
CAN
LIN
MAN
Y-GR
C:28
W
GN
3/10
1
2
4/58
REM
C:14
C:13
K:1
R
F1
B:7
B:23
MAN
SB
XC90
10/18
A:6
A:2
A:3
A:4
A:5
A:1
10/55
SB
BL
54/98
3
10/17
10/48
V70
53/329
53/397
BN
31/93
53/601
31/72
31/73
53/604


30+
11C/5
11C/6
11C/5
11C/4
V70
R
XC90
R
54/10
54/11
4/70
UEM
16/59
CAN
3/126
DDM/PDM
B:12
A:2
A:3
B:8
VO-SB
CAN
B:5
SB
6
6/62
53/514
10/148
13
54/10
11
31/66
3/127
PDM/DDM
VO
53/515
6/63
10/149
53/501
54/11
31/67

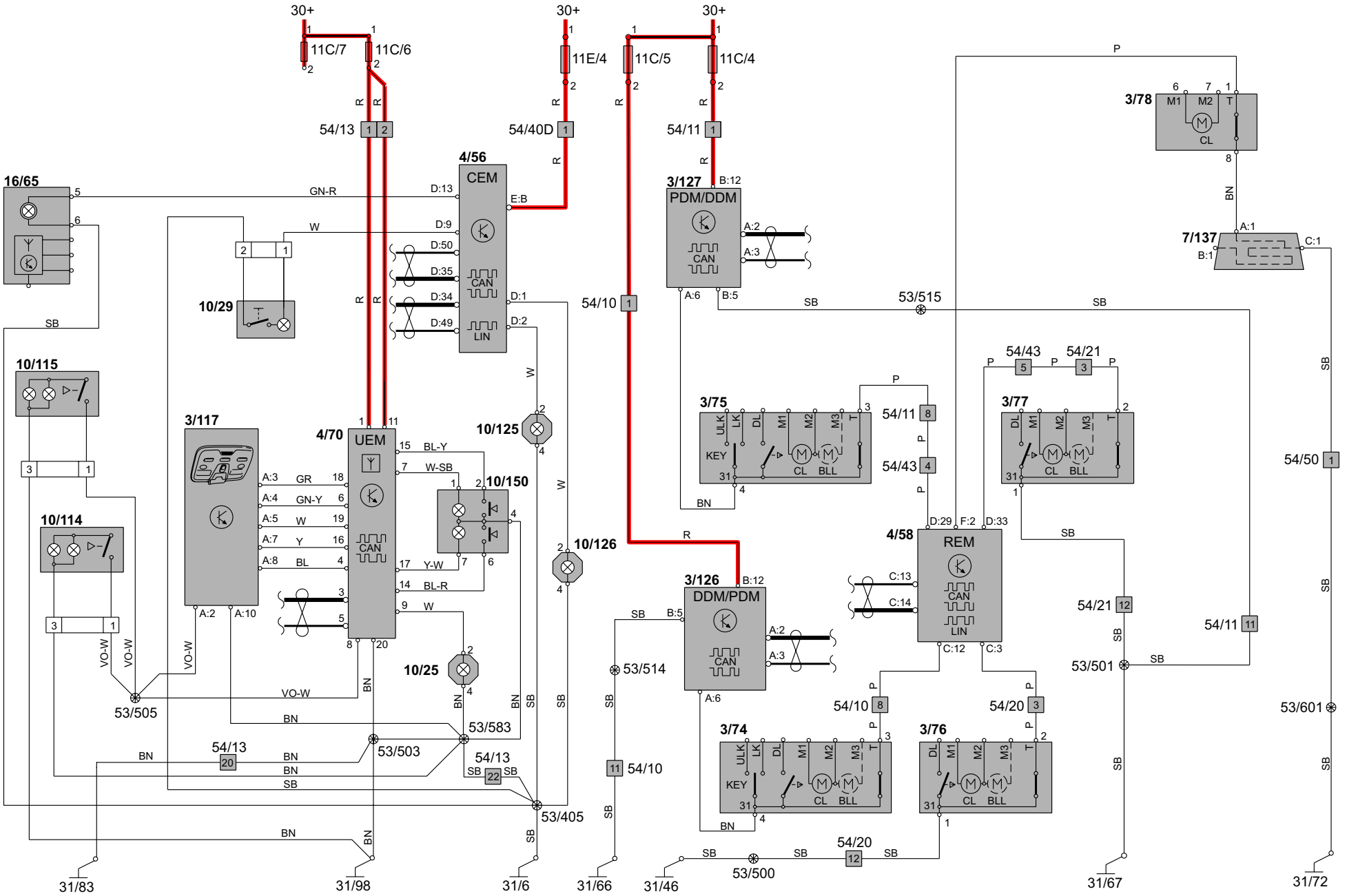
Group 35 Lighting
Running/parking lights, tail lights & license plate lighting V70



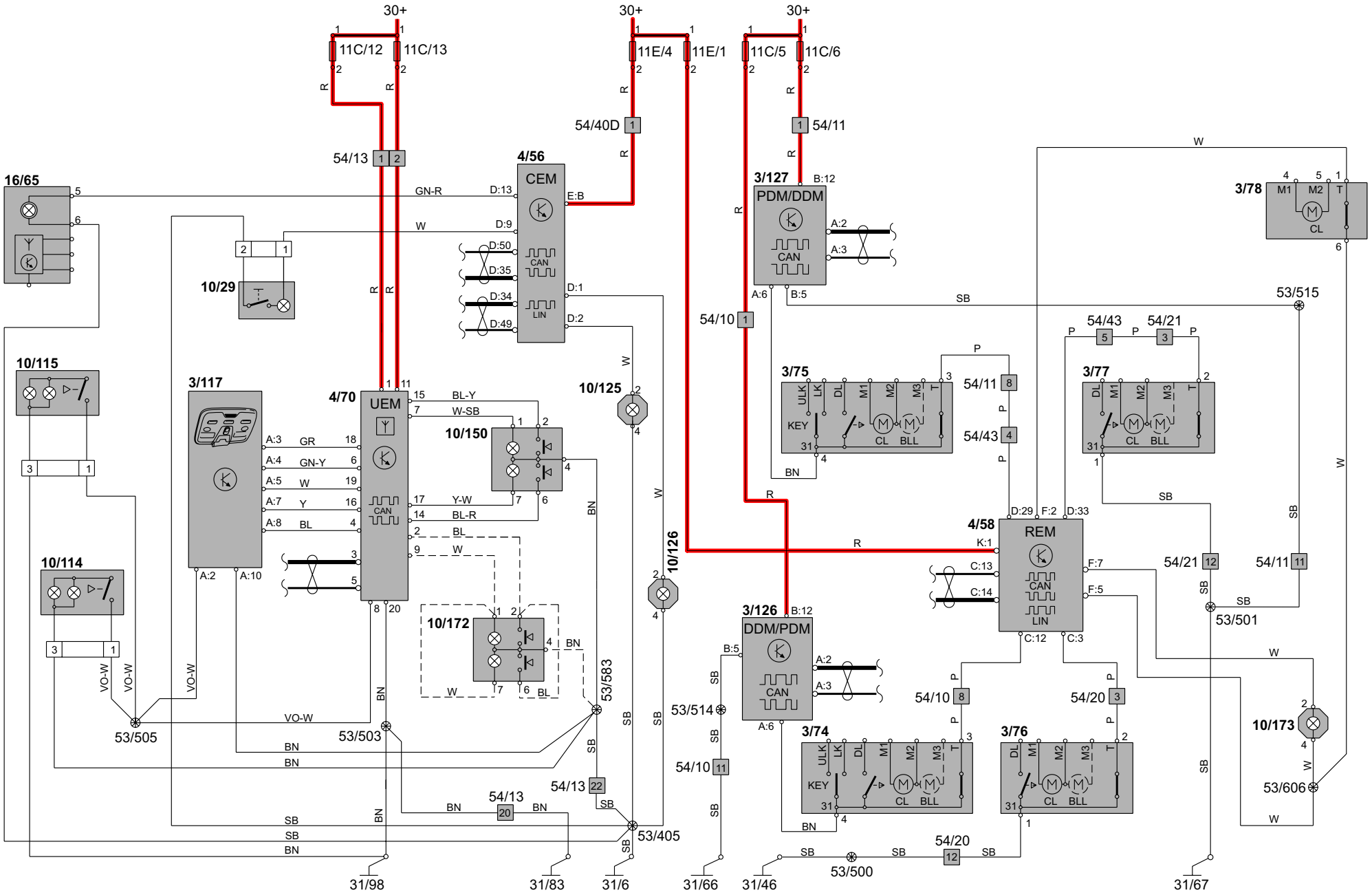
Group 35 Lighting
Running/parking lights, tail lights & license plate lighting XC90



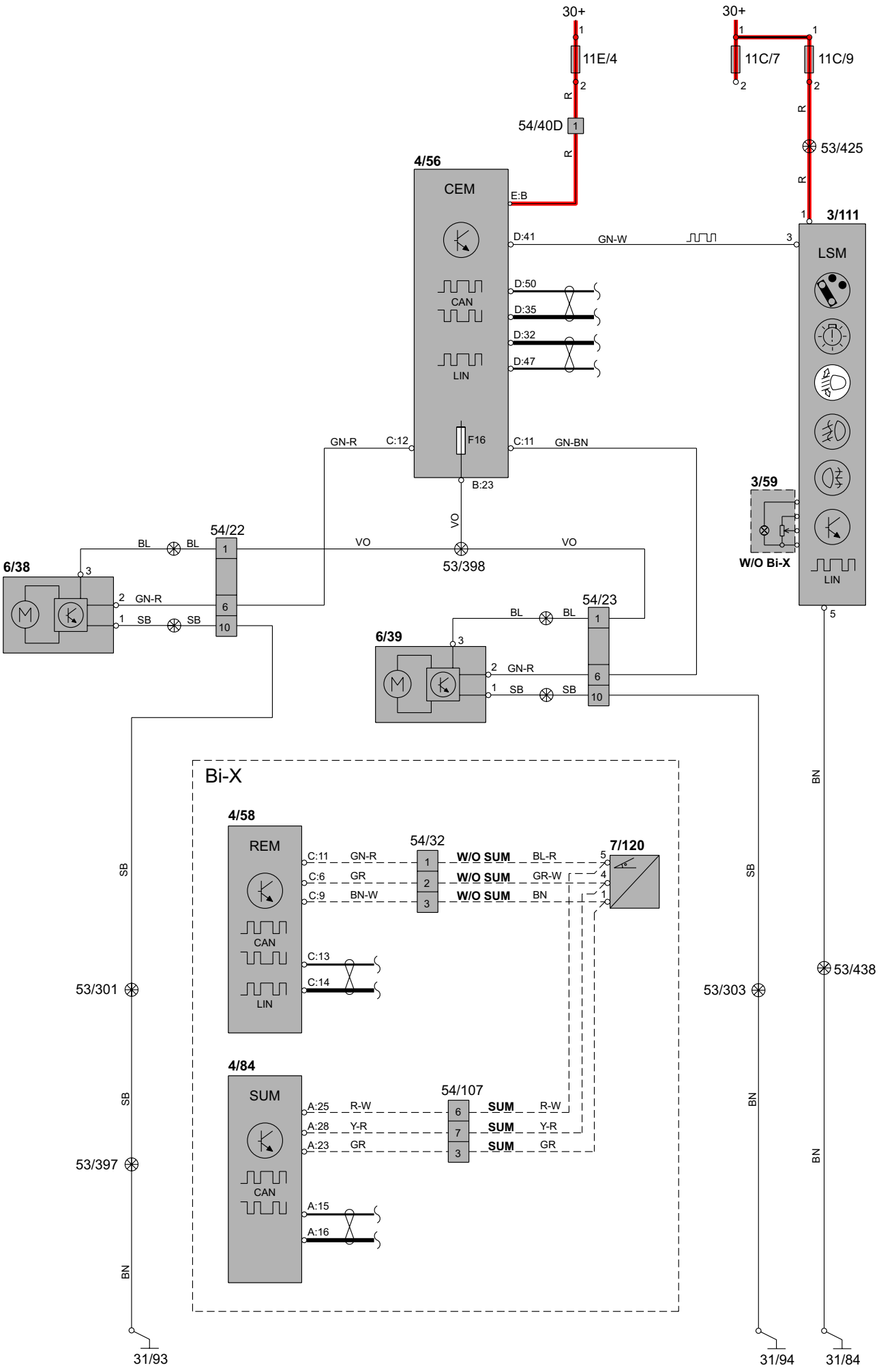
Group 35 Lighting
Interior lighting V70

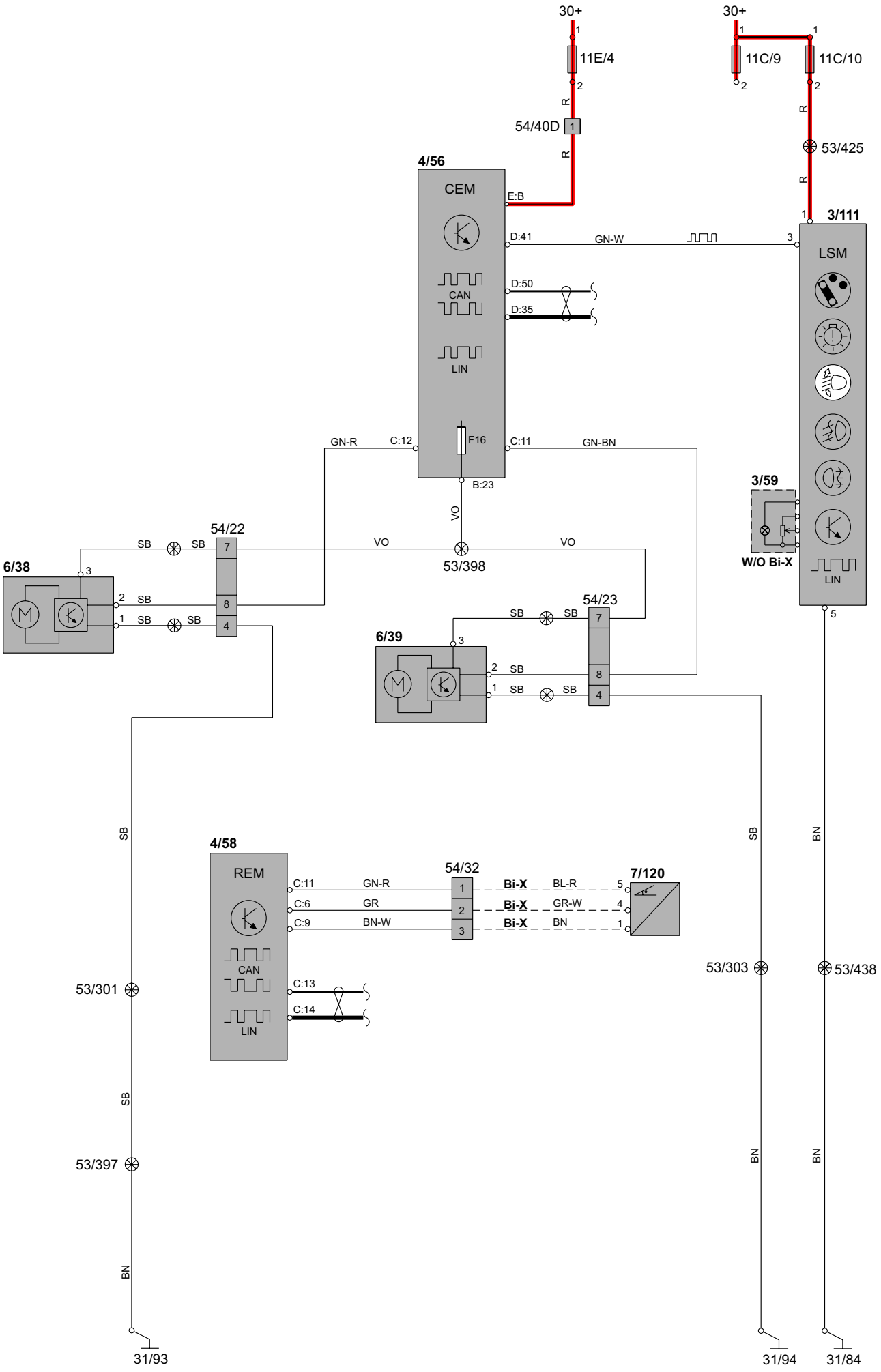


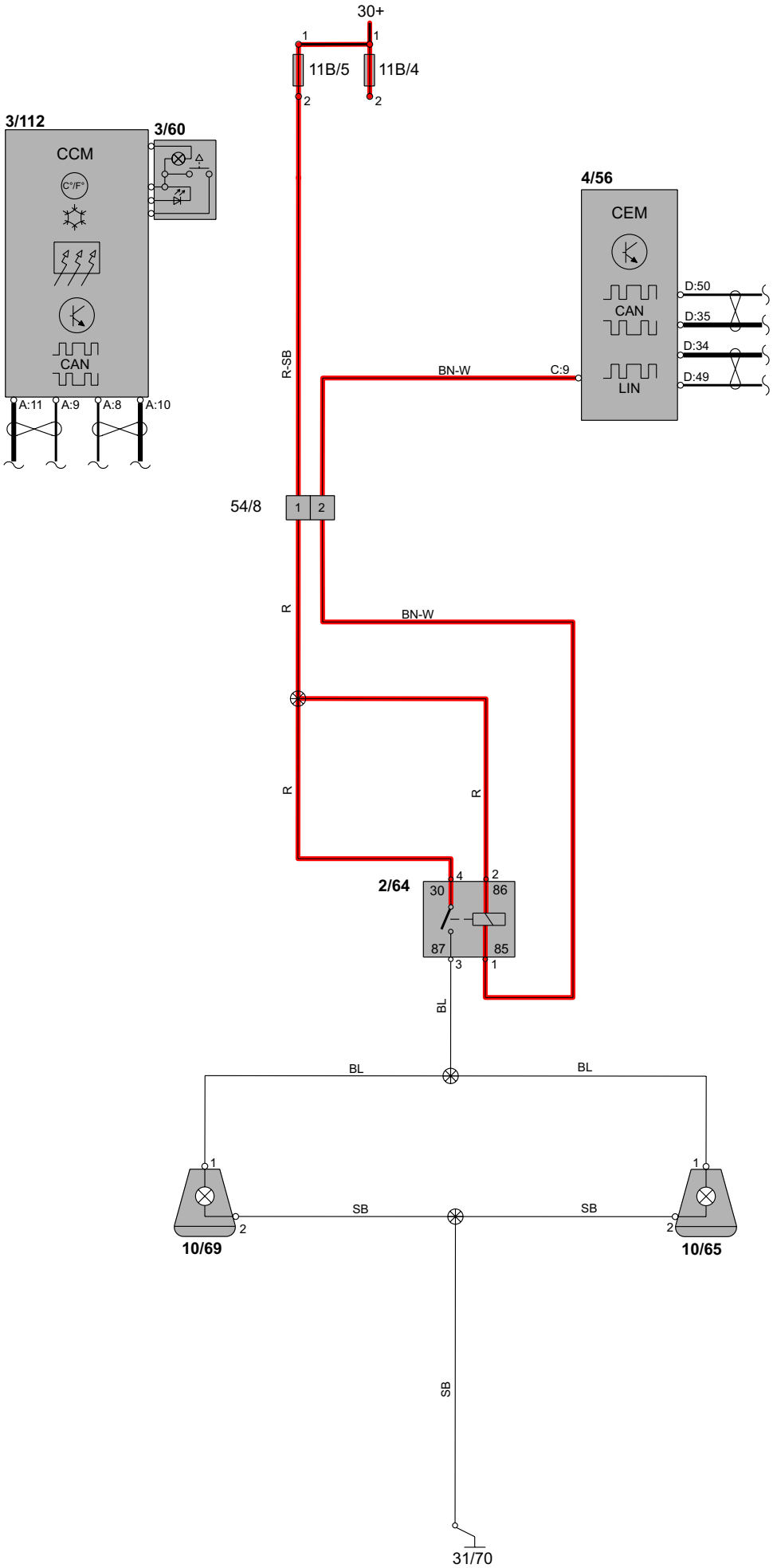
Group 35 Lighting
Interior lighting XC90

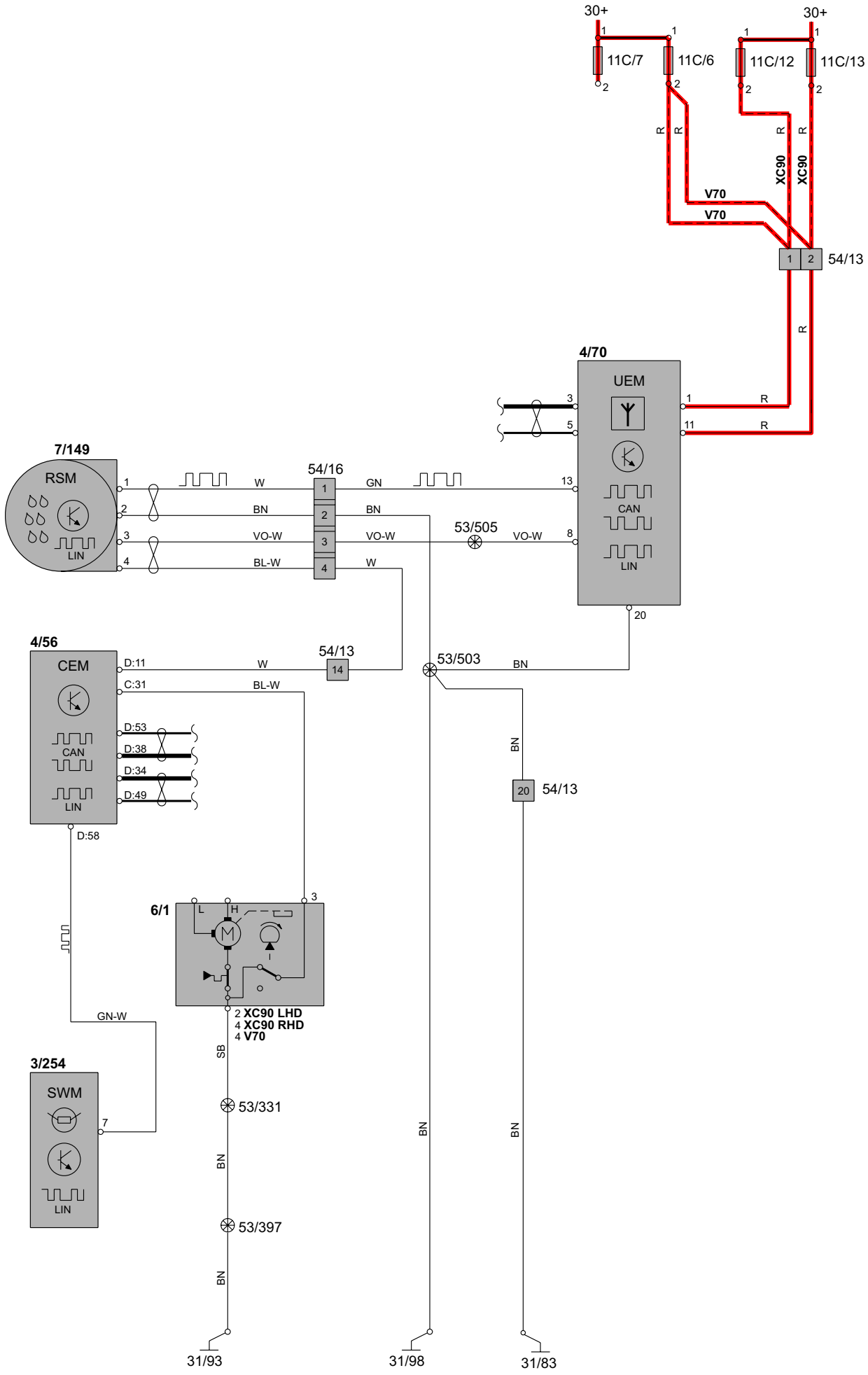


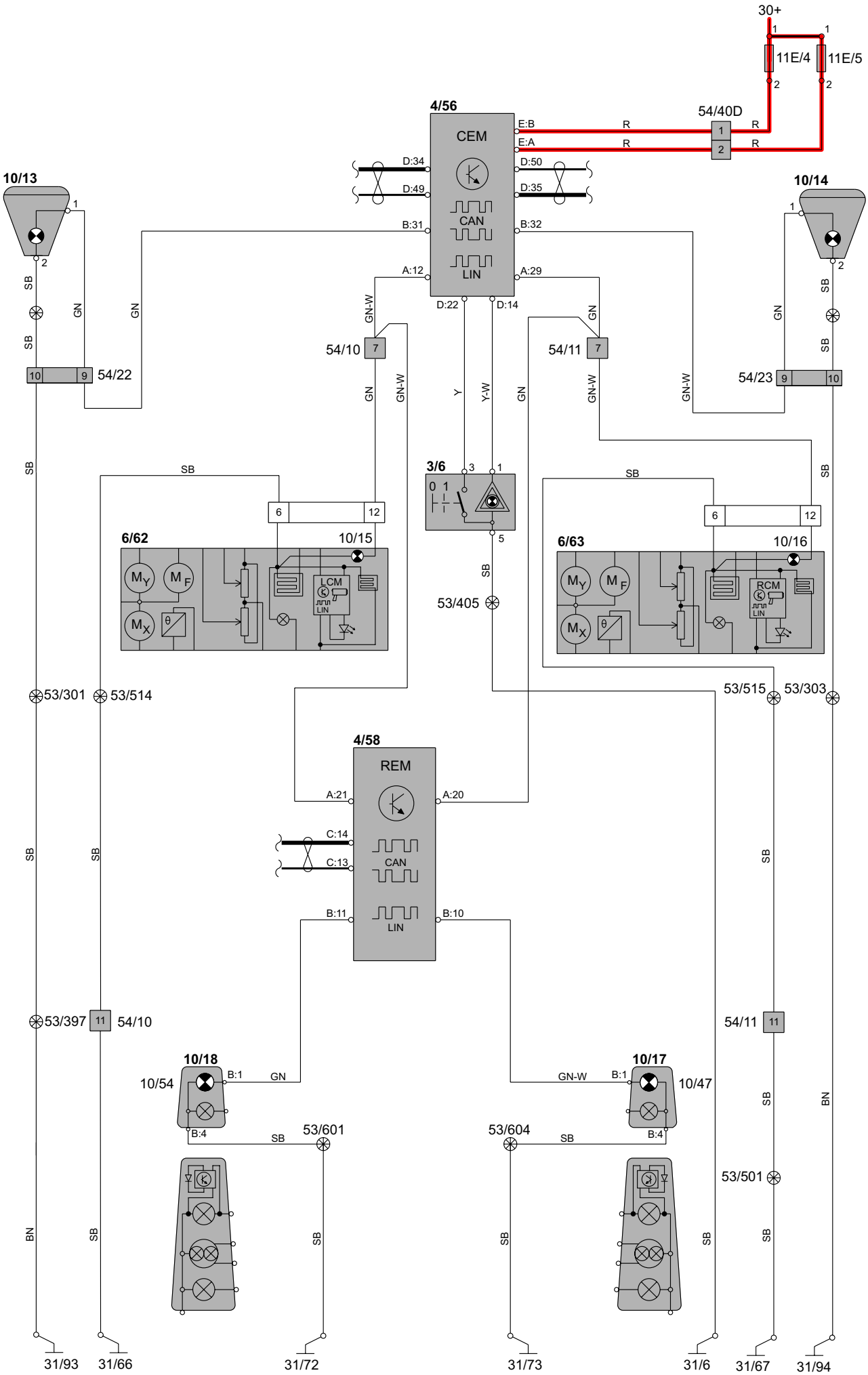
Group 35 Lighting
Beam length adjustment V70



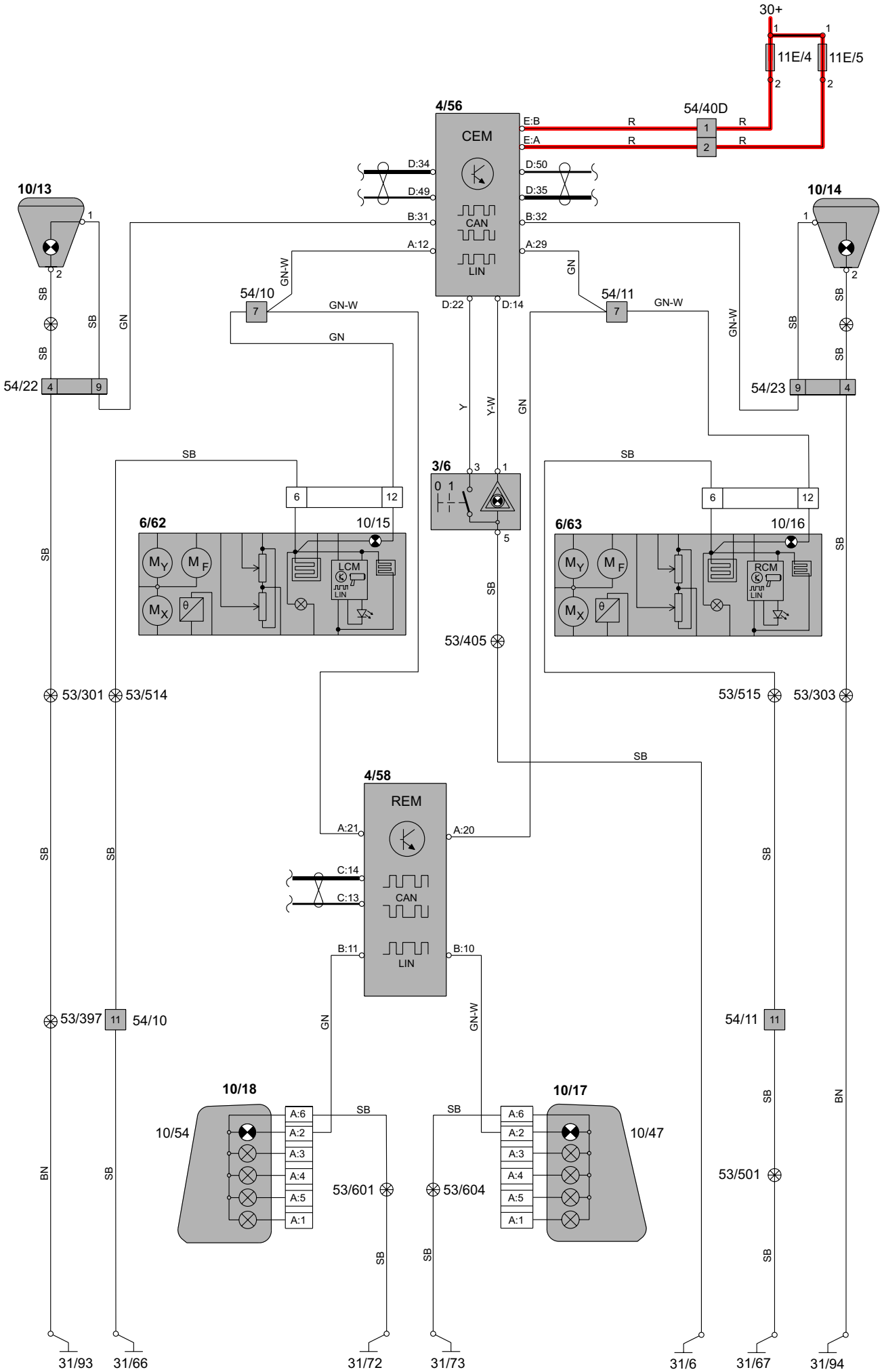

30+
11E/4
54/40D
R
4/56
CEM
E:B
D:41
GN-W
D:50
D:35
CAN
LIN
F16
C:12
GN-R
C:11
GN-BN
B:23
VO
30+
11C/9
11C/10
53/425
3/111
LSM
3/59
W/O Bi-X
54/22
SB
VO
53/398
6/38
54/23
6/39
4/58
REM
C:11
GN-R
C:6
GR
C:9
BN-W
C:13
C:14
54/32
Bi-X
BL-R
GR-W
BN
7/120
53/301
53/397
53/303
53/438
31/93
31/94
31/84

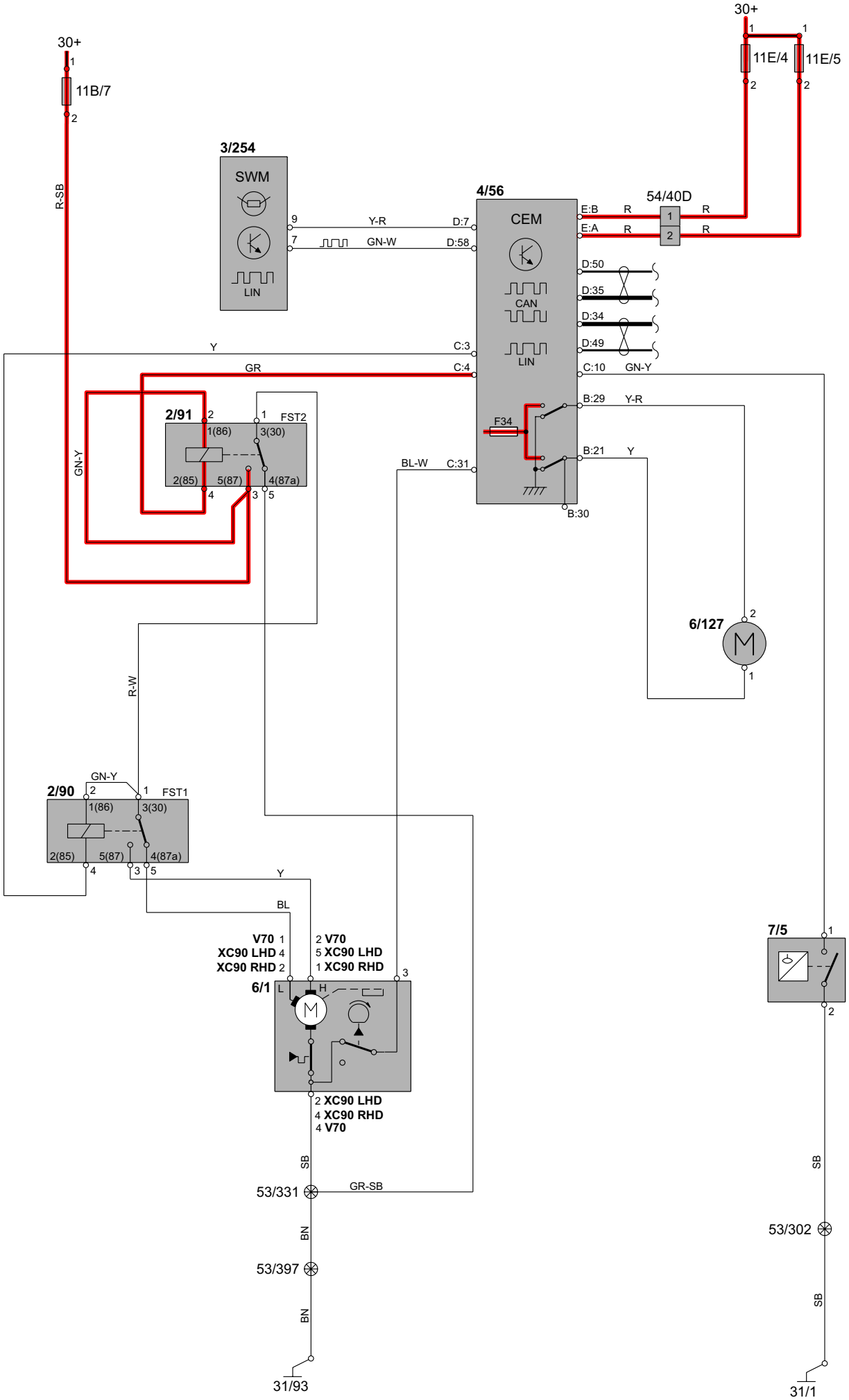

30+
11B/5
11B/4
3/112
CCM
3/60
CAN
A:11
A:9
A:8
A:10
4/56
CEM
CAN
LIN
D:50
D:35
D:34
D:49
C:9
BN-W
R-SB
54/8
R
BN-W
R
R
2/64
30
86
87
85
BL
BL
BL
SB
SB
SB
10/69
10/65
31/70

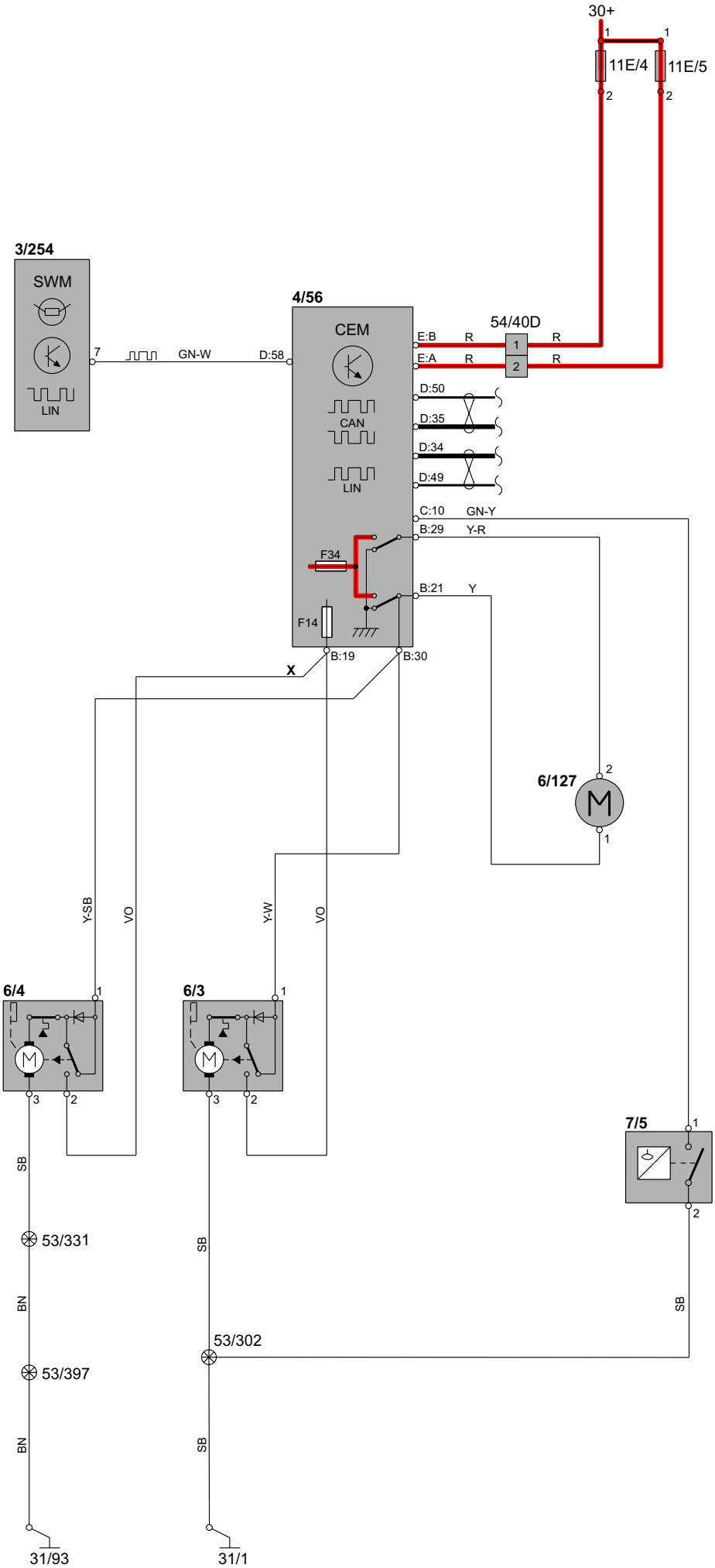

30+
11C/7
11C/6
11C/12
11C/13
R
XC90
V70
54/13
4/70
UEM
CAN
LIN
7/149
RSM
54/16
W
GN
BN
VO-W
BL-W
53/505
4/56
CEM
D:11
C:31
D:53
D:38
D:34
D:49
D:58
53/503
6/1
L
H
2 XC90 LHD
4 XC90 RHD
4 V70
GN-W
3/254
SWM
SB
53/331
53/397
31/93
31/98
31/83

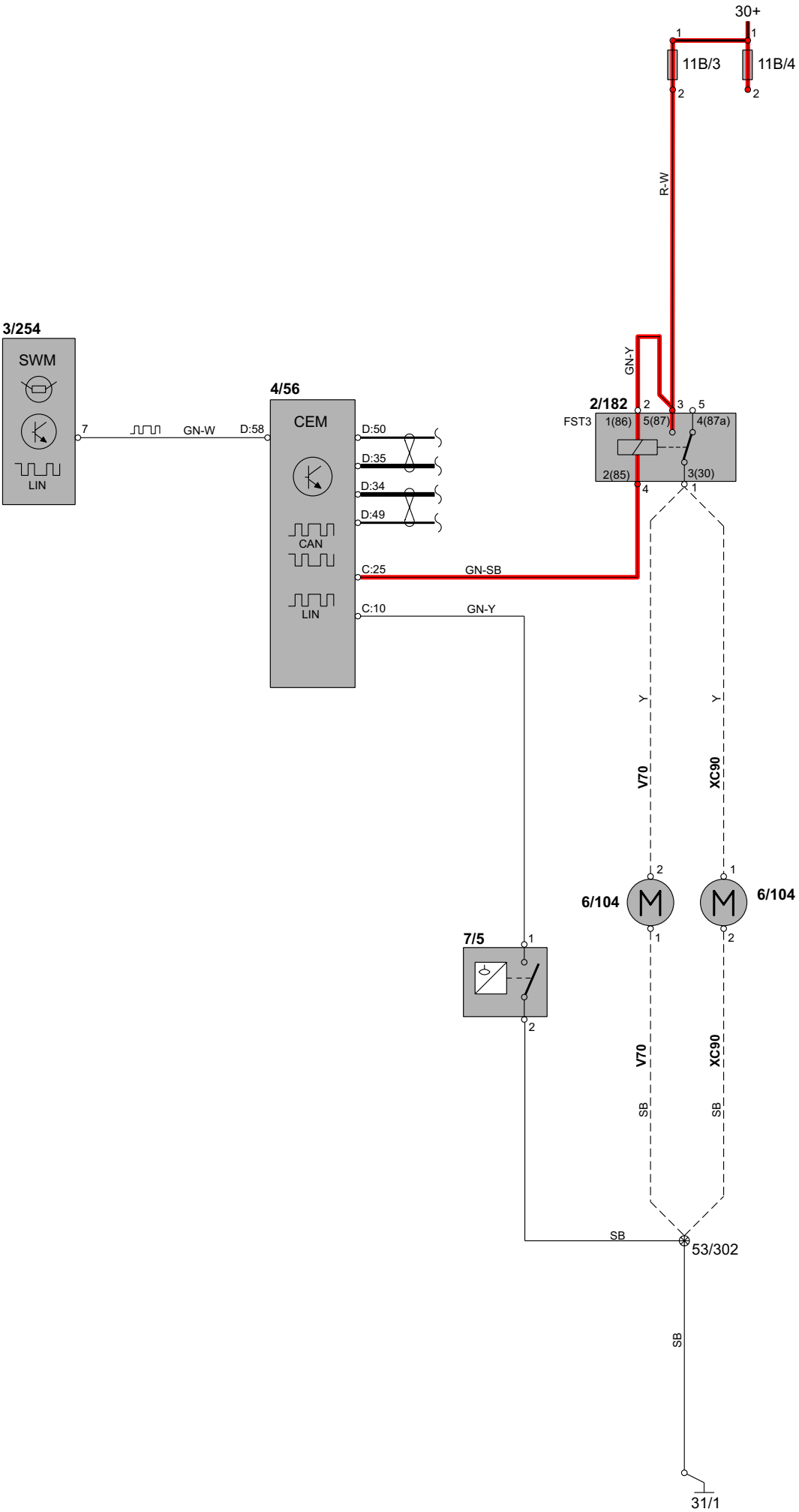

30+
11E/4
11E/5
54/40D
4/56
CEM
CAN
LIN
E:B
E:A
D:34
D:49
D:50
D:35
B:31
B:32
A:12
A:29
D:22
D:14
10/13
10/14
54/22
54/23
54/10
54/11
3/6
6/62
10/15
LCM
6/63
10/16
RCM
53/405
53/301
53/514
53/515
53/303
4/58
REM
A:21
A:20
C:14
C:13
B:11
B:10
53/397
10/18
10/54
10/17
10/47
53/601
53/604
53/501
31/93
31/66
31/72
31/73
31/6
31/67
31/94
GN
GN-W
Y
Y-W
SB
BN
R

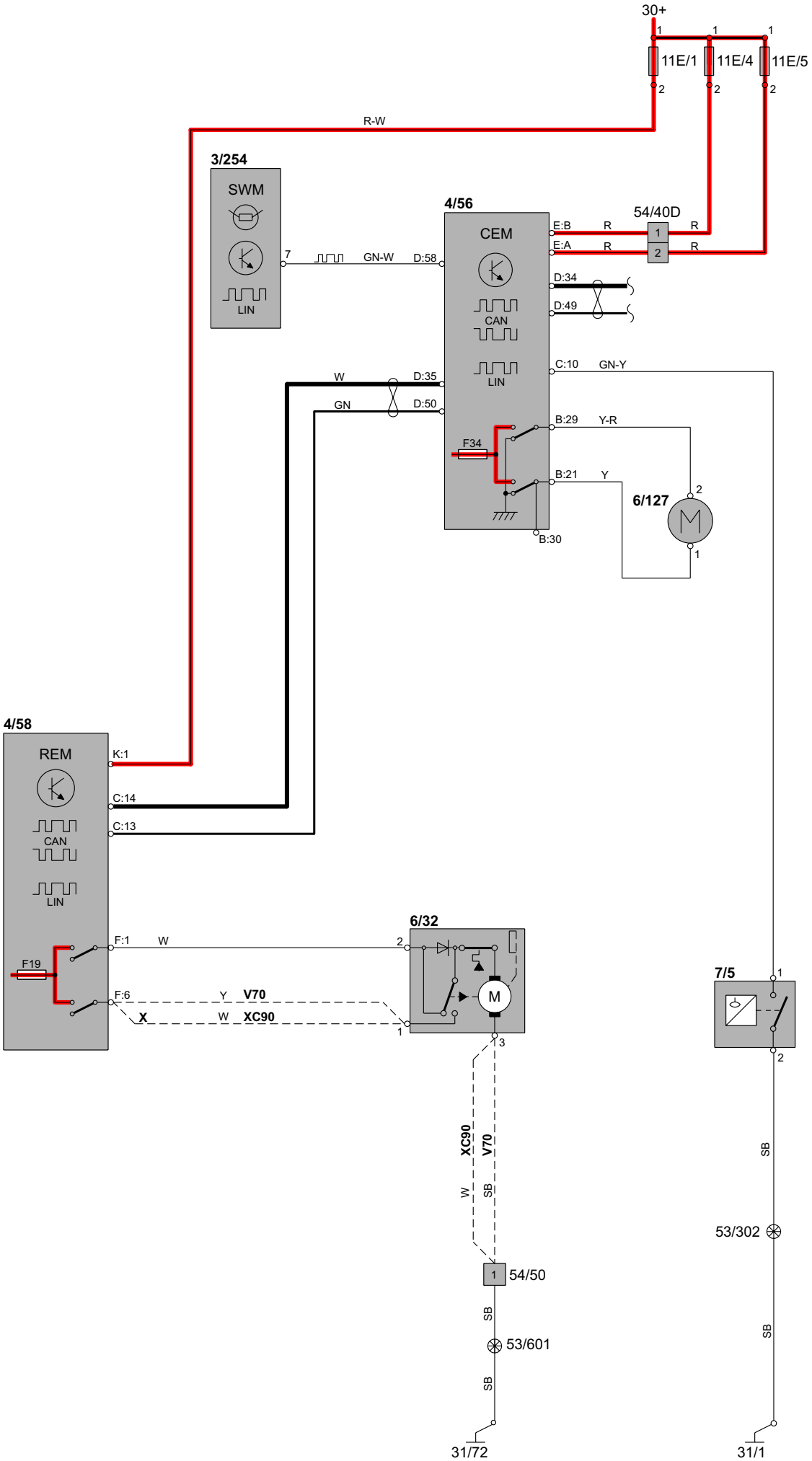
Group 36 Additional electrical equipment
Direction indicators and hazard warning flashers XC90



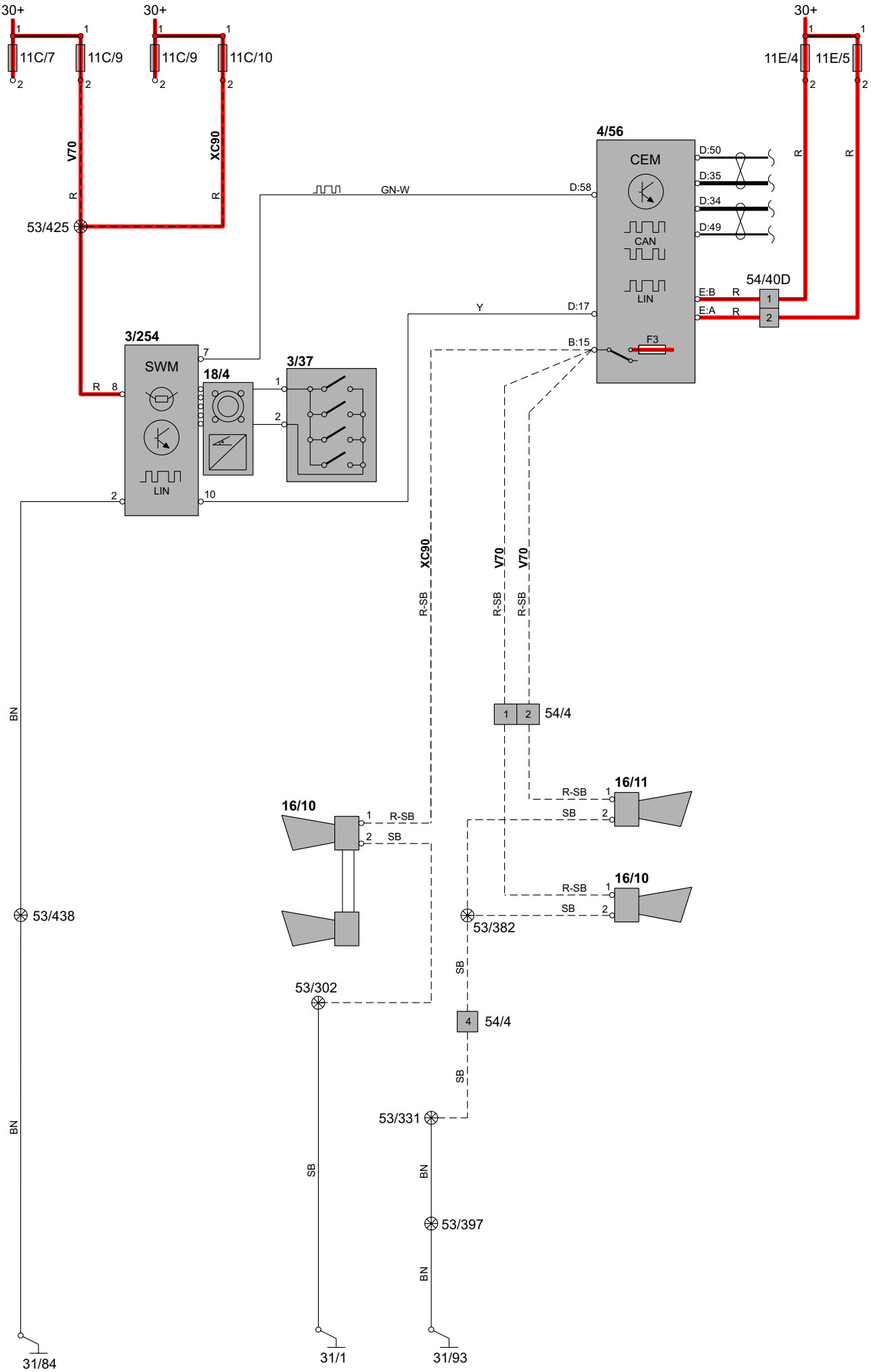

30+
11B/7
R-SB
3/254
SWM
LIN
9
7
Y-R
GN-W
D:7
D:58
4/56
CEM
CAN
LIN
E:B
E:A
R
54/40D
30+
11E/4
11E/5
D:50
D:35
D:34
D:49
C:10
GN-Y
Y
C:3
GR
C:4
2/91
FST2
1(86)
3(30)
2(85)
5(87)
4(87a)
GN-Y
F34
B:29
Y-R
B:21
Y
BL-W
C:31
B:30
6/127
R-W
2/90
FST1
GN-Y
Y
BL
V70 1
XC90 LHD 4
XC90 RHD 2
2 V70
5 XC90 LHD
1 XC90 RHD
6/1
L
H
2 XC90 LHD
4 XC90 RHD
4 V70
7/5
SB
GR-SB
53/331
BN
53/397
53/302
31/93
31/1

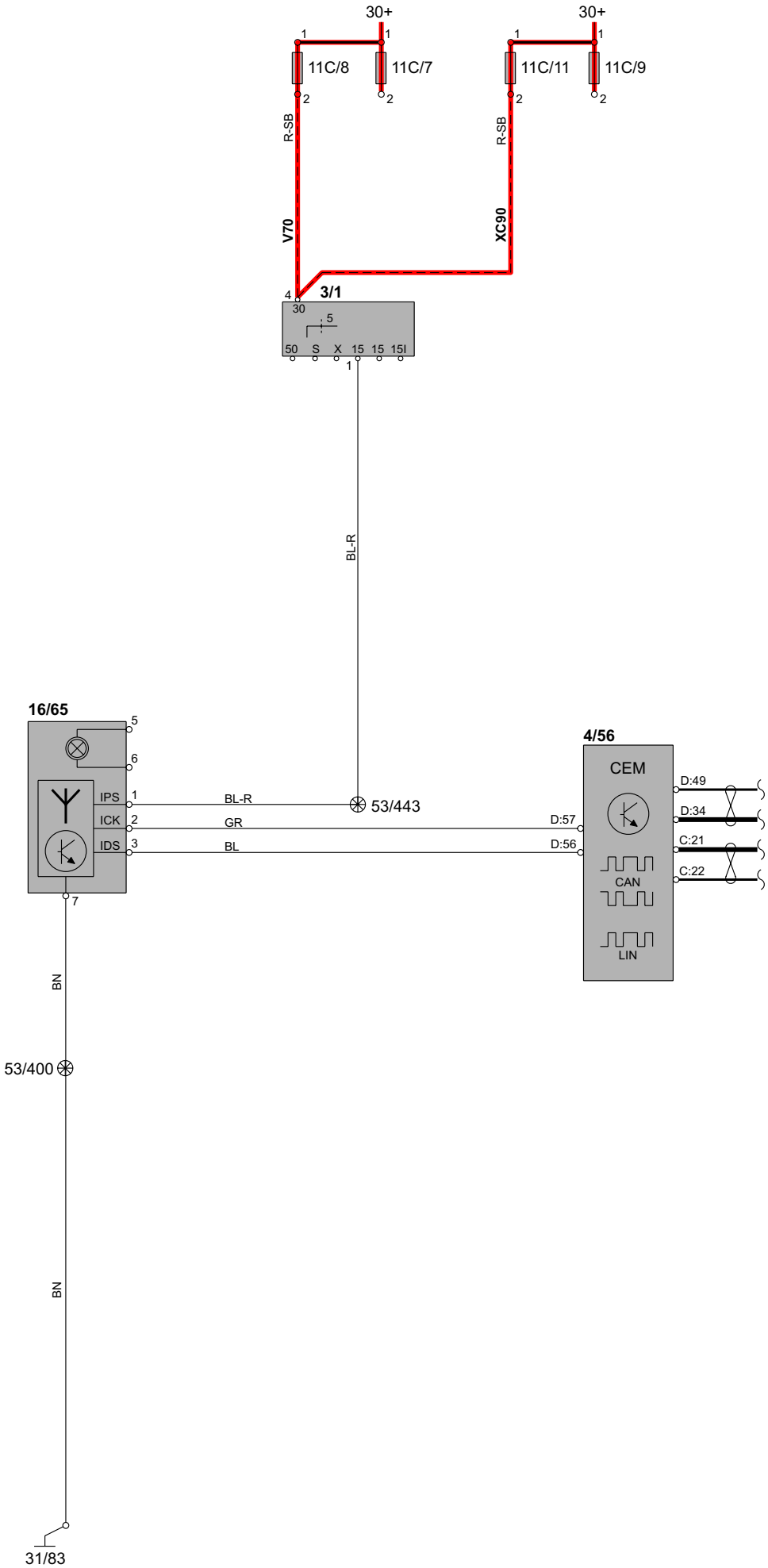

30+
11E/4
11E/5
3/254
SWM
LIN
7
GN-W
D:58
4/56
CEM
CAN
LIN
54/40D
E:B
E:A
R
D:50
D:35
D:34
D:49
C:10
GN-Y
B:29
Y-R
F34
B:21
Y
F14
B:19
B:30
X
6/127
Y-SB
VO
Y-W
VO
6/4
6/3
7/5
SB
53/331
BN
53/397
BN
31/93
SB
53/302
SB
31/1
SB


30+
11B/3
11B/4
R-W
GN-Y
3/254
SWM
LIN
7
GN-W
D:58
4/56
CEM
D:50
D:35
D:34
D:49
CAN
LIN
C:25
GN-SB
C:10
GN-Y
2/182
FST3
1(86)
5(87)
4(87a)
2(85)
3(30)
Y
V70
XC90
6/104
6/104
7/5
SB
53/302
31/1

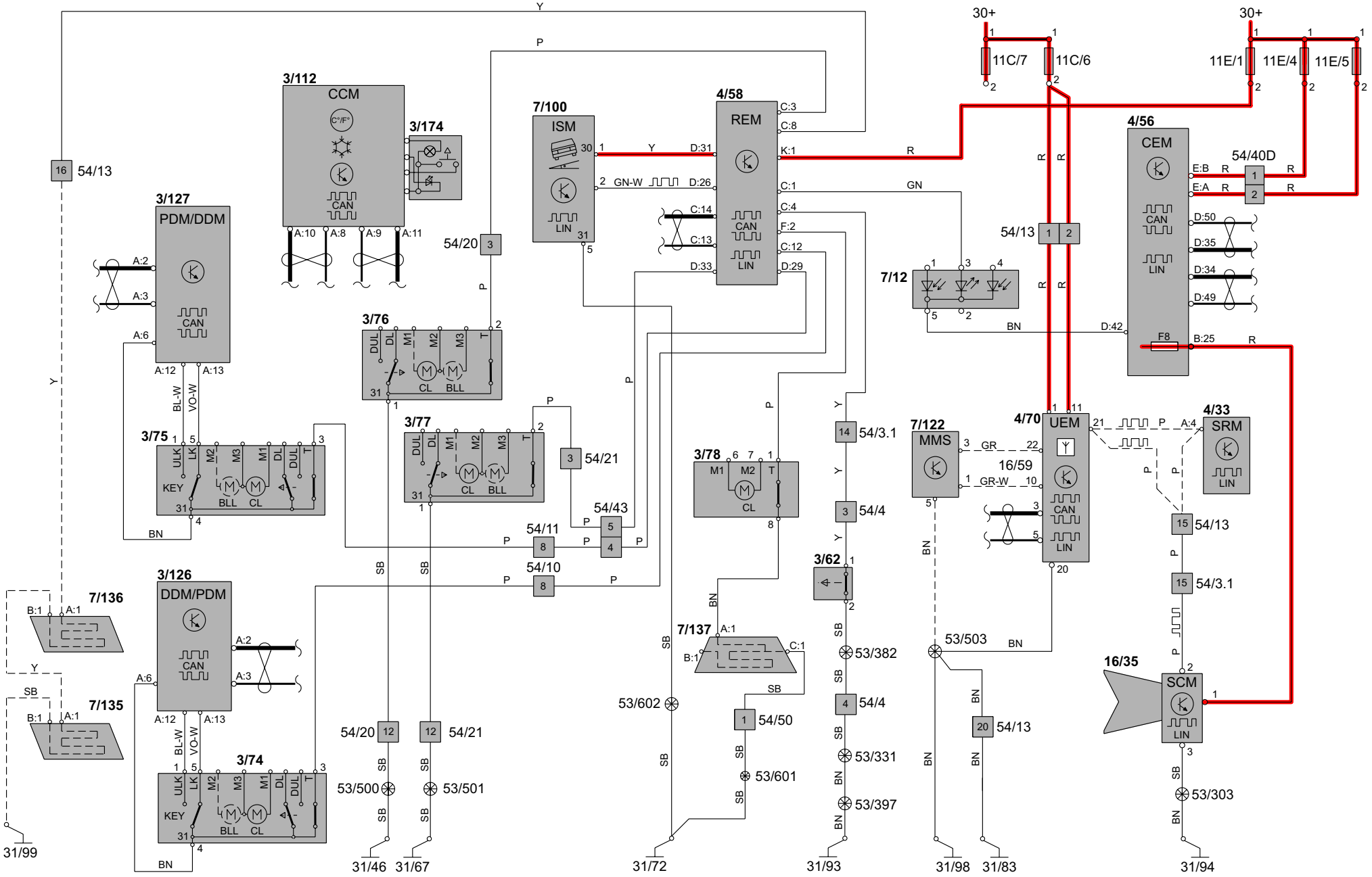

30+
11E/1
11E/4
11E/5
R-W
3/254
SWM
LIN
7
GN-W
D:58
4/56
CEM
CAN
LIN
54/40D
E:B
E:A
R
D:34
D:49
C:10
GN-Y
W
GN
D:35
D:50
B:29
Y-R
F34
B:21
Y
6/127
B:30
4/58
REM
K:1
C:14
C:13
CAN
LIN
F19
F:1
W
F:6
Y
V70
X
W
XC90
6/32
M
7/5
XC90
V70
W
SB
54/50
53/601
53/302
31/72
31/1

Group 36 Additional electrical equipment
Horn

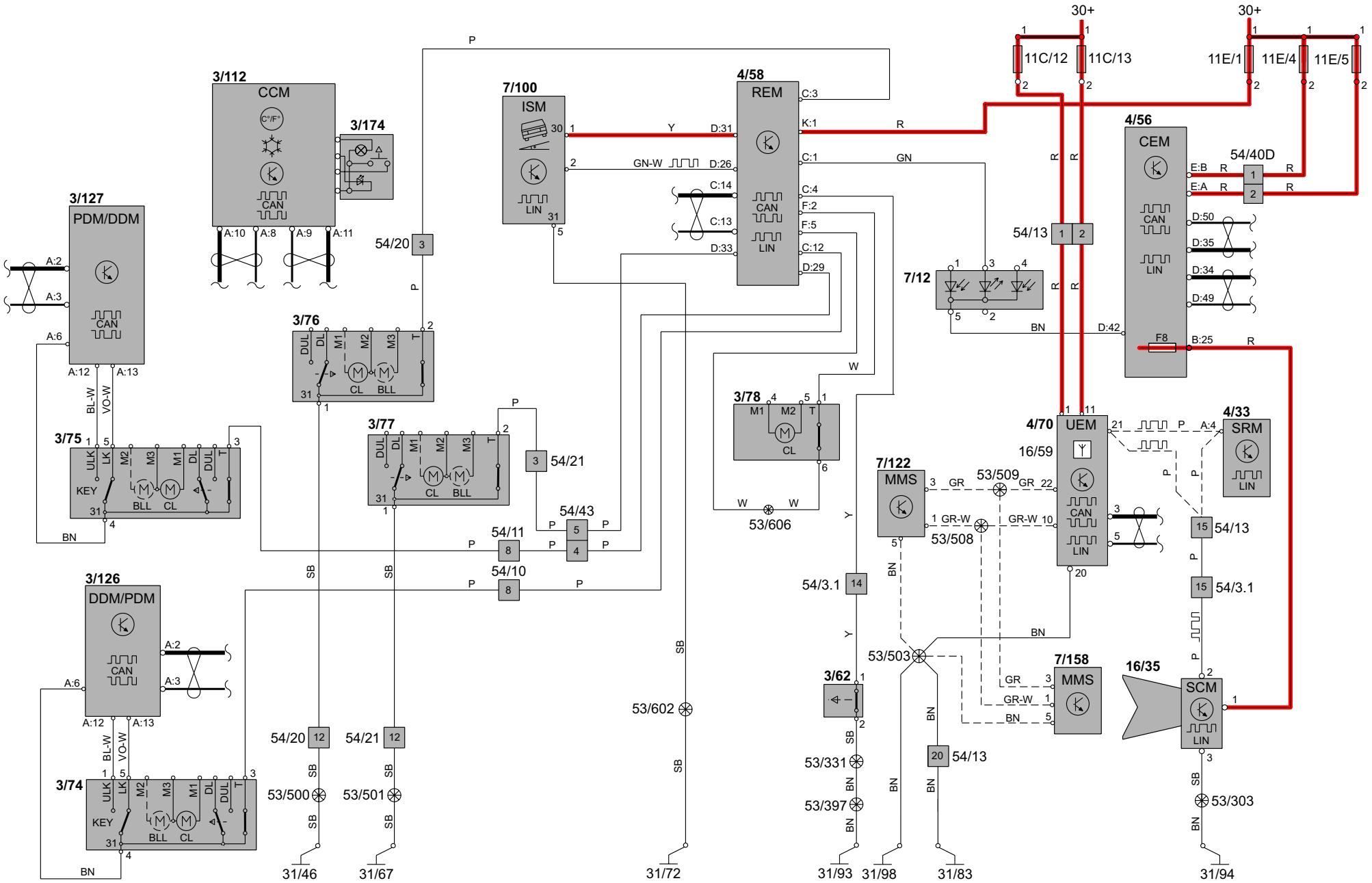


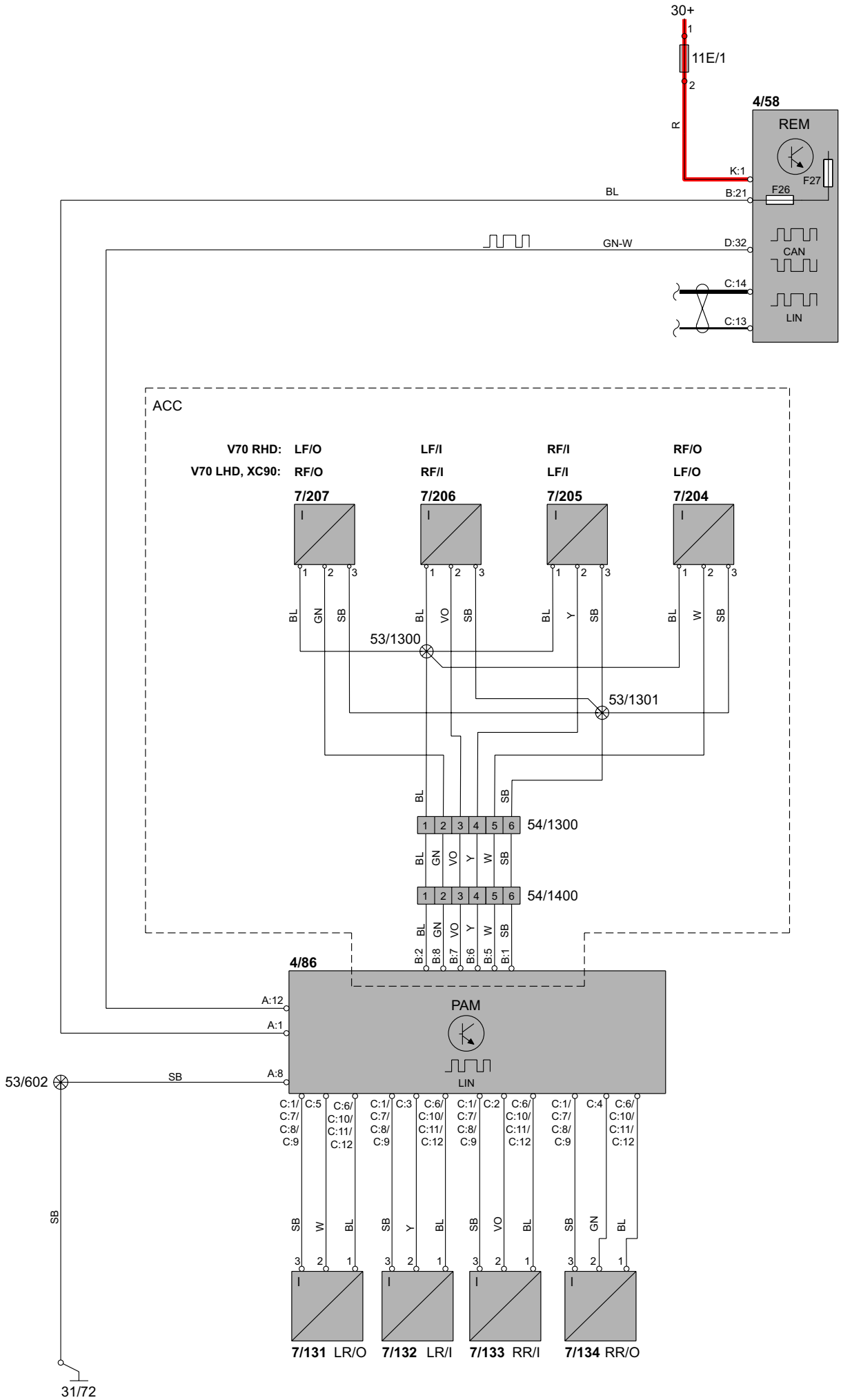

30+
30+
11C/8
11C/7
11C/11
11C/9
R-SB
R-SB
V70
XC90
3/1
30
50
S
X
15
15
15I
BL-R
16/65
IPS
ICK
IDS
BL-R
GR
BL
53/443
4/56
CEM
D:57
D:56
D:49
D:34
C:21
C:22
CAN
LIN
BN
53/400
BN
31/83

Group 36 Additional electrical equipment
Anti-theft alarm V70

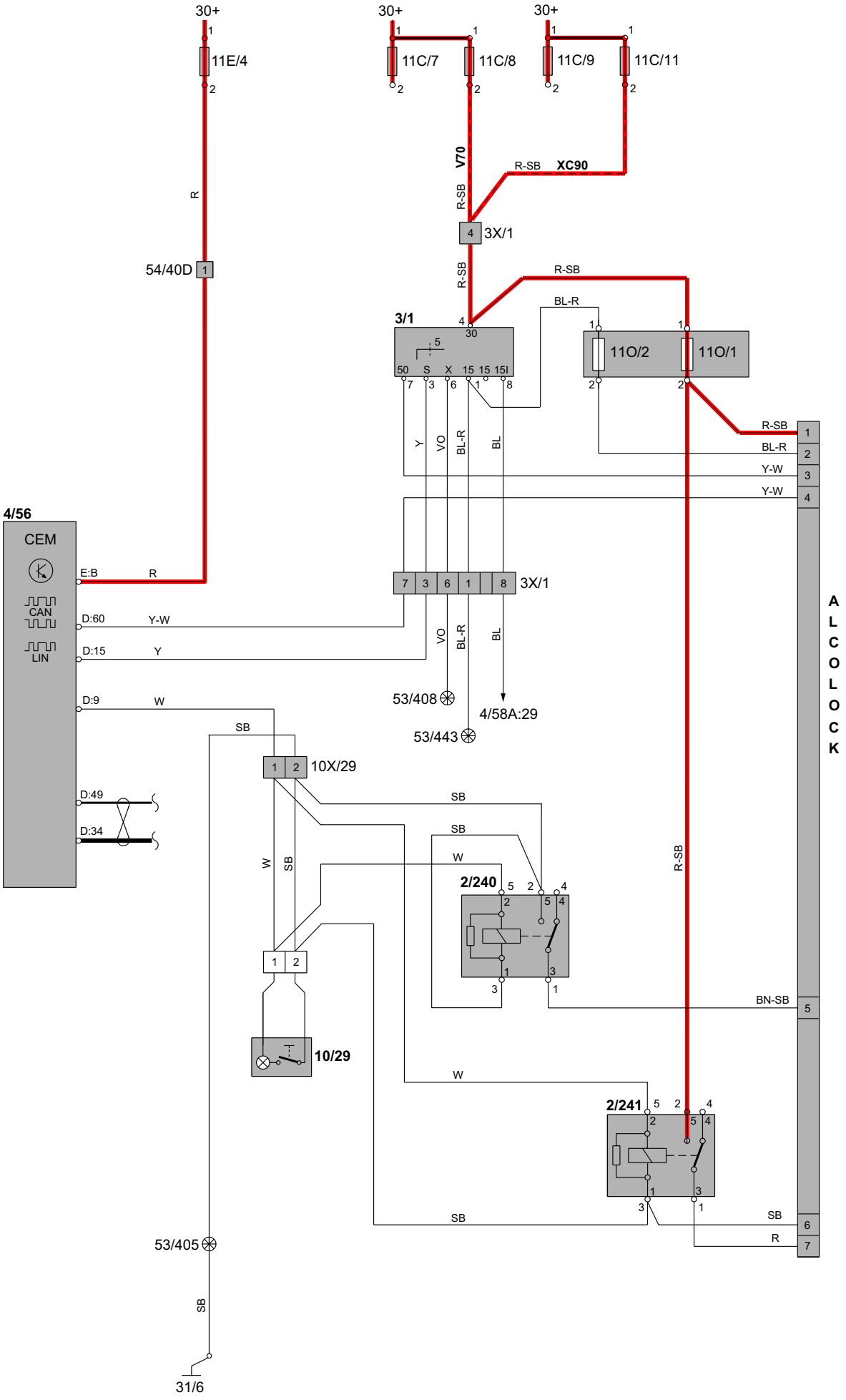


Group 36 Additional electrical equipment
Anti-theft alarm XC90

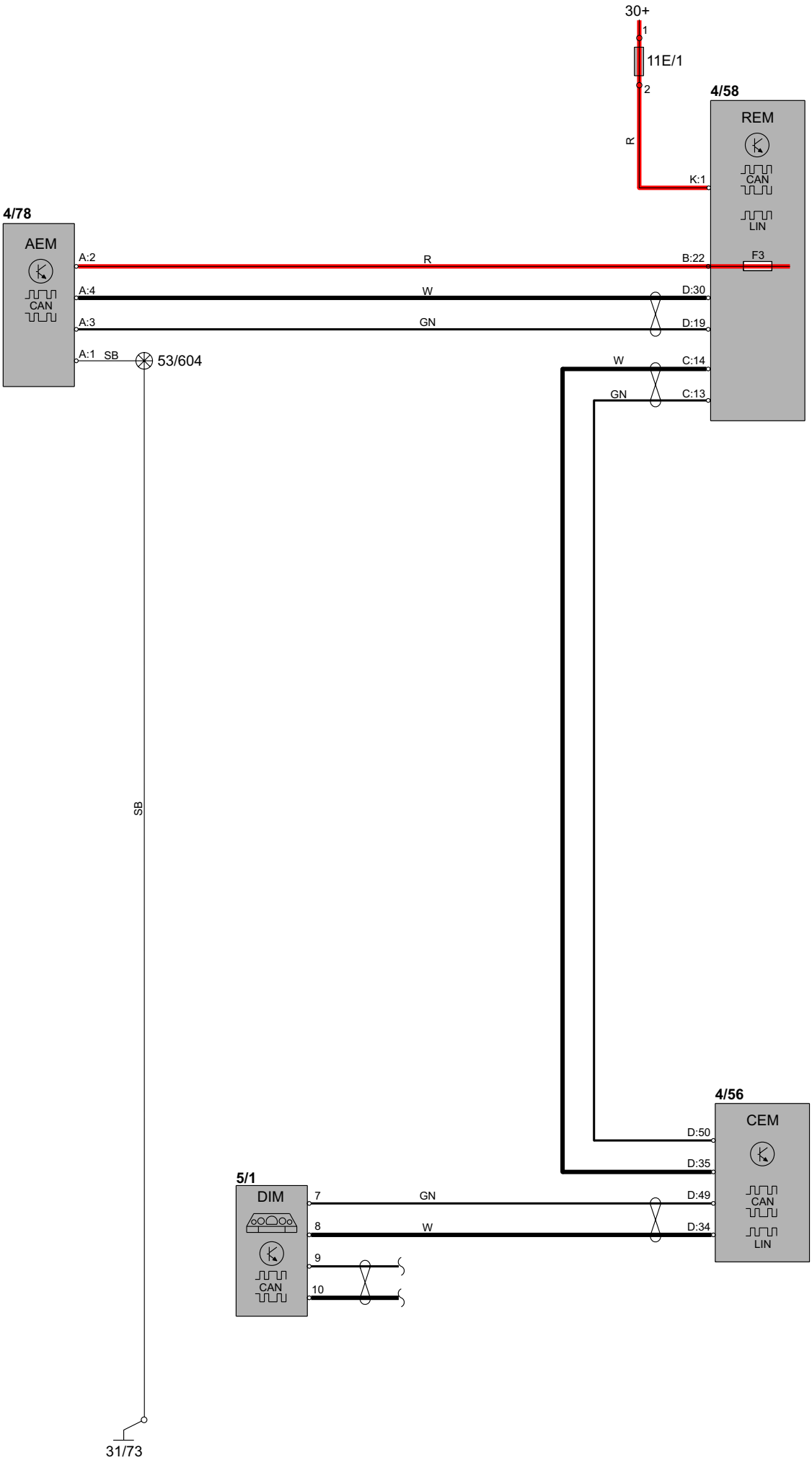


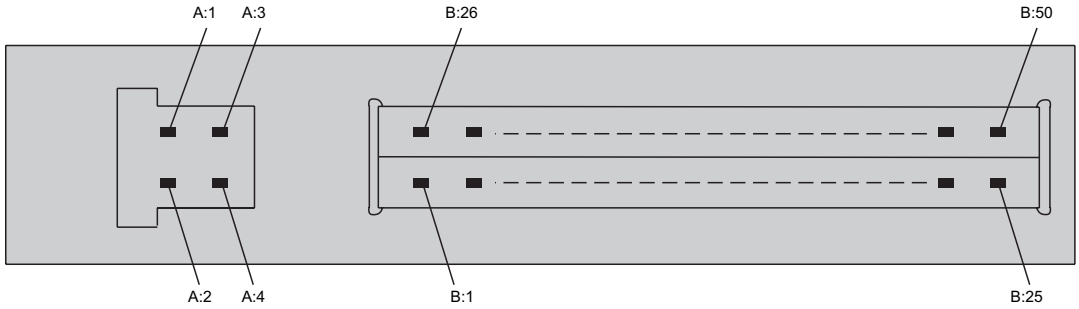

30+
1
11E/1
2
R
4/58
REM
K:1
F27
F26
BL
B:21
GN-W
D:32
CAN
C:14
LIN
C:13
ACC
V70 RHD: LF/O LF/I RF/I RF/O
V70 LHD, XC90: RF/O RF/I LF/I LF/O
7/207
7/206
7/205
7/204
BL GN SB
BL VO SB
BL Y SB
BL W SB
53/1300
53/1301
54/1300
54/1400
4/86
PAM
LIN
A:12
A:1
A:8
53/602
SB
B:2 B:8 B:7 B:6 B:5 B:1
C:1/ C:7/ C:8/ C:9
C:5
C:6/ C:10/ C:11/ C:12
C:3
C:2
C:4
SB W BL
SB Y BL
SB VO BL
SB GN BL
7/131 LR/O
7/132 LR/I
7/133 RR/I
7/134 RR/O
31/72

Group 36 Additional electrical equipment, Accessories
Alcohol lock

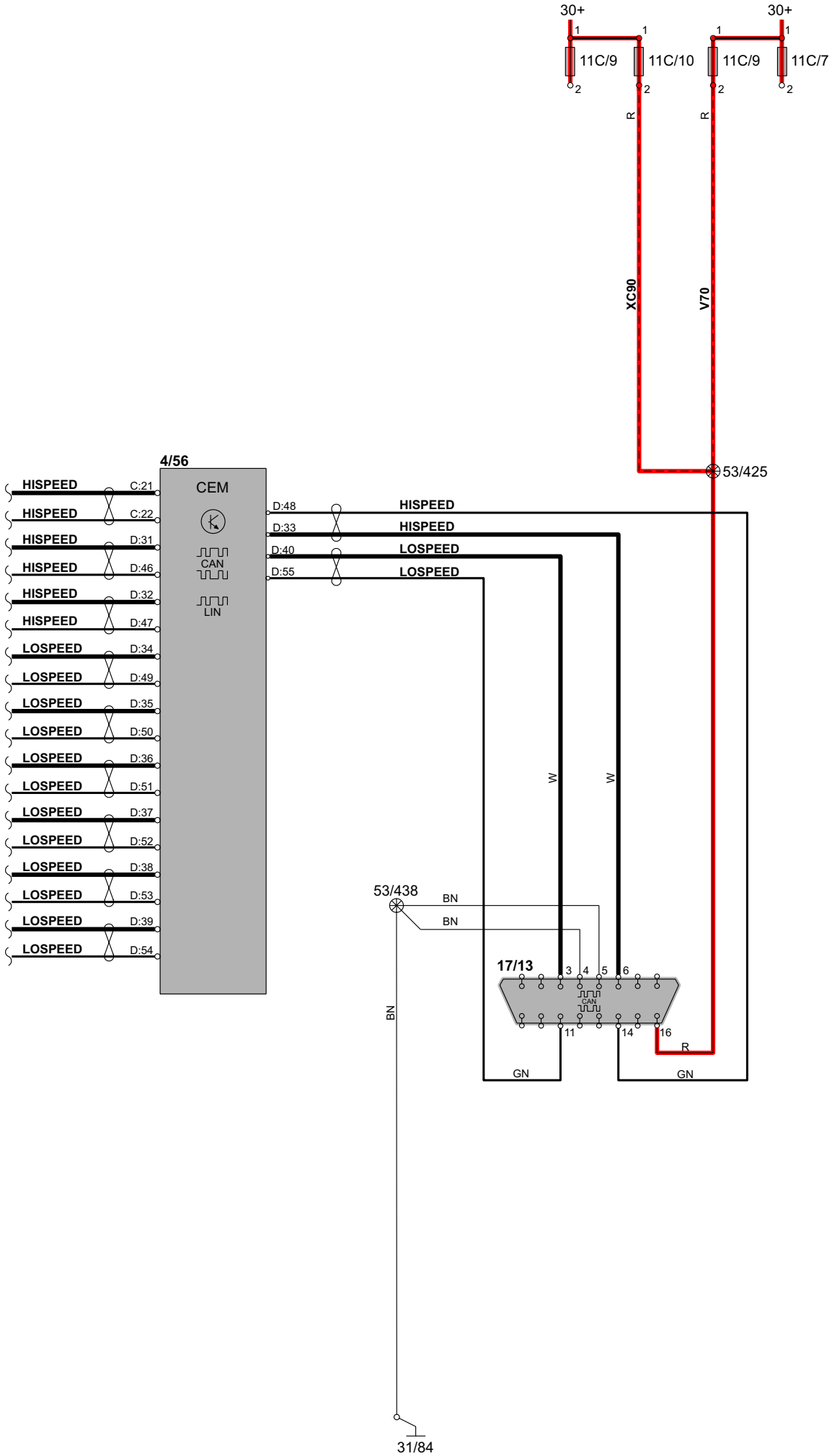


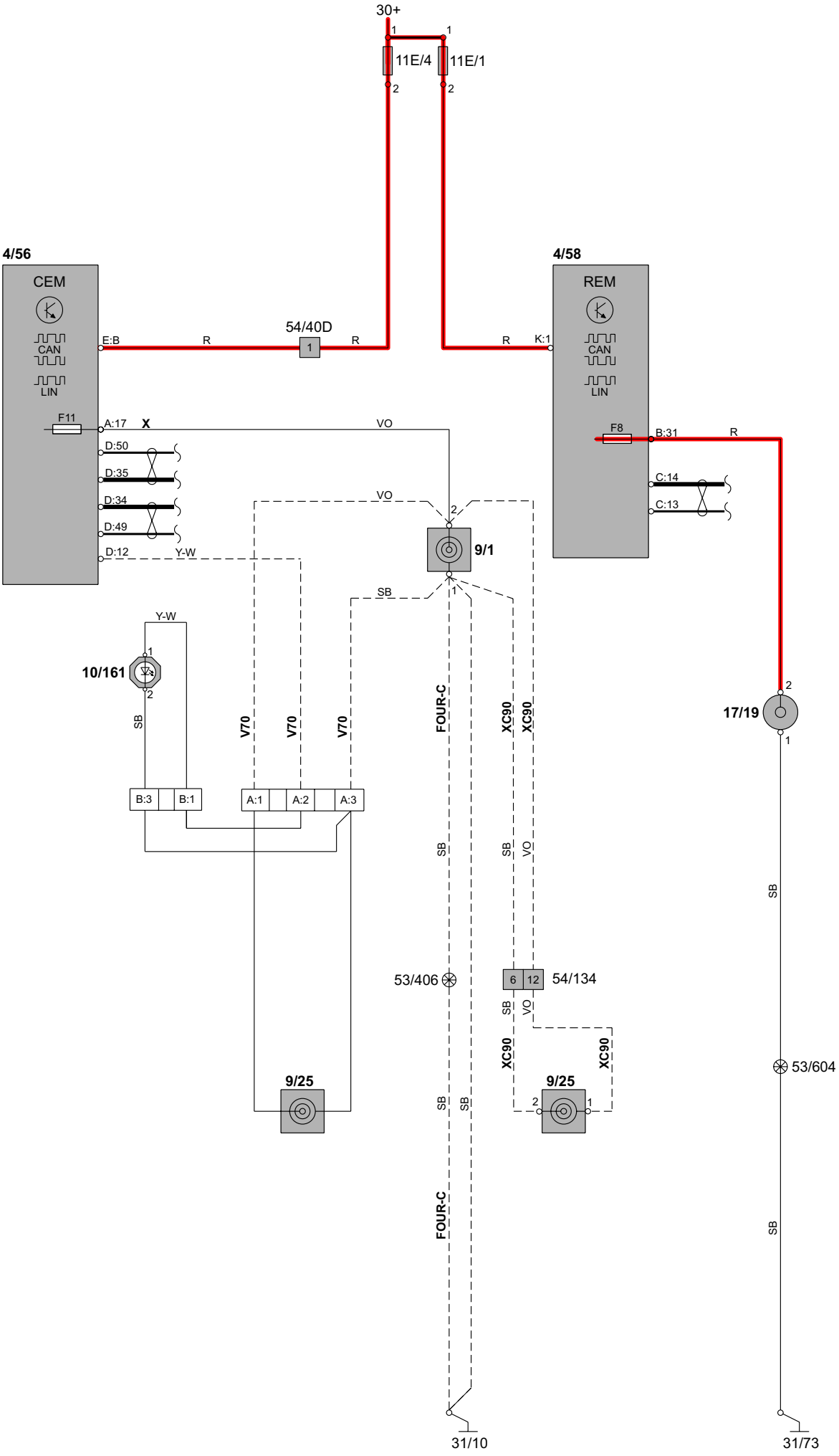
Group 36 Additional electrical equipment, Accessories
Accessory Electronic Module (AEM) 1:2

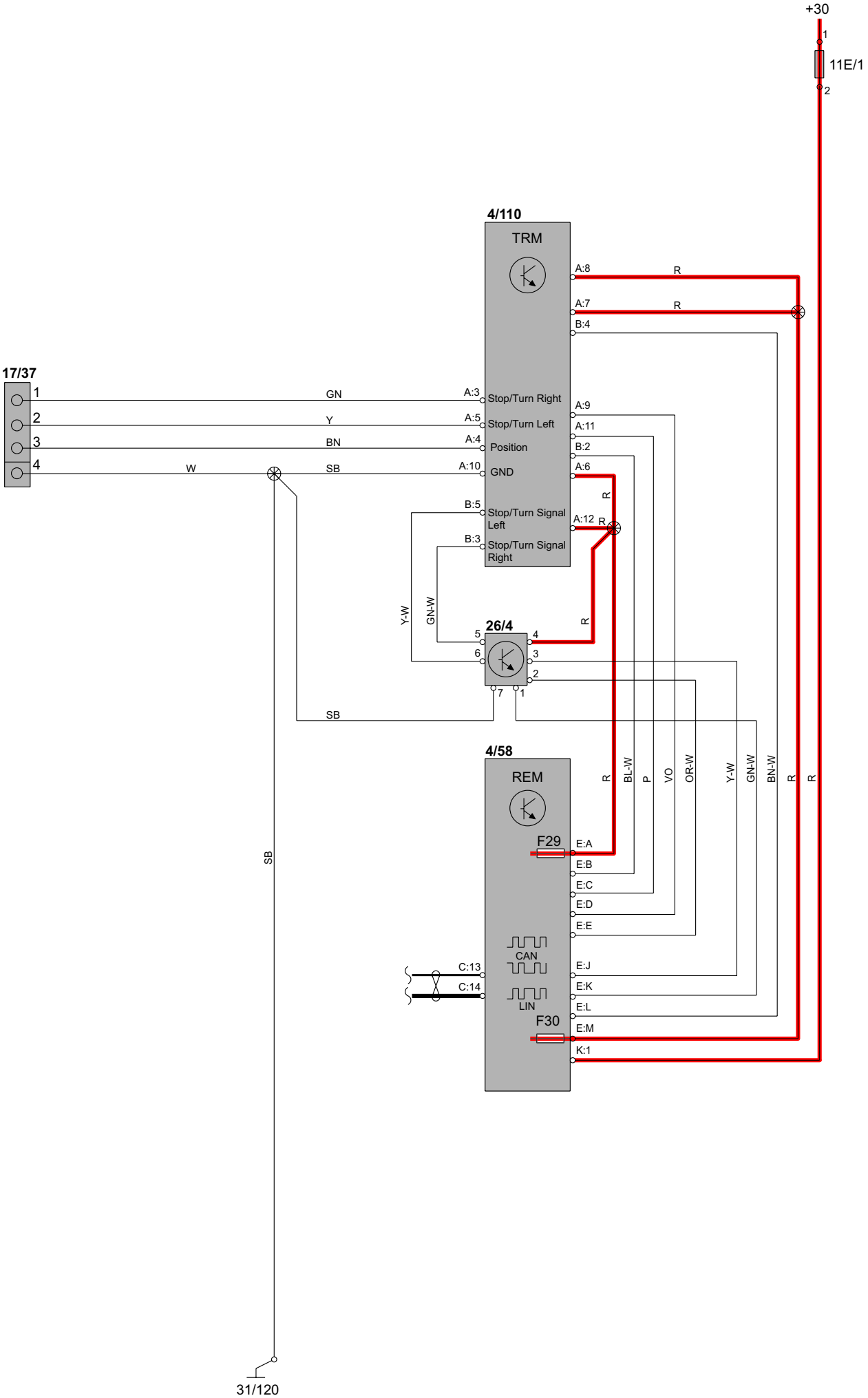


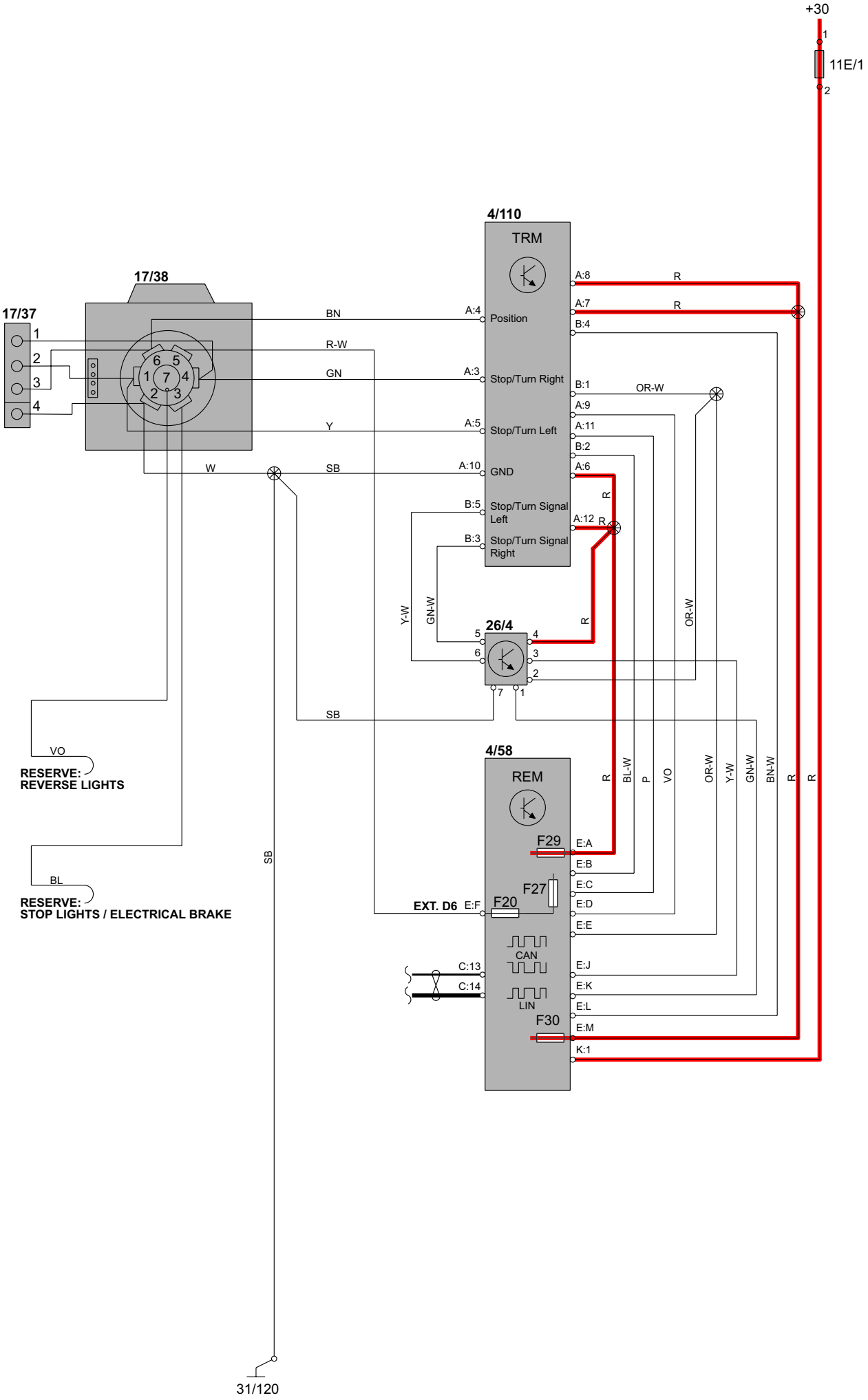


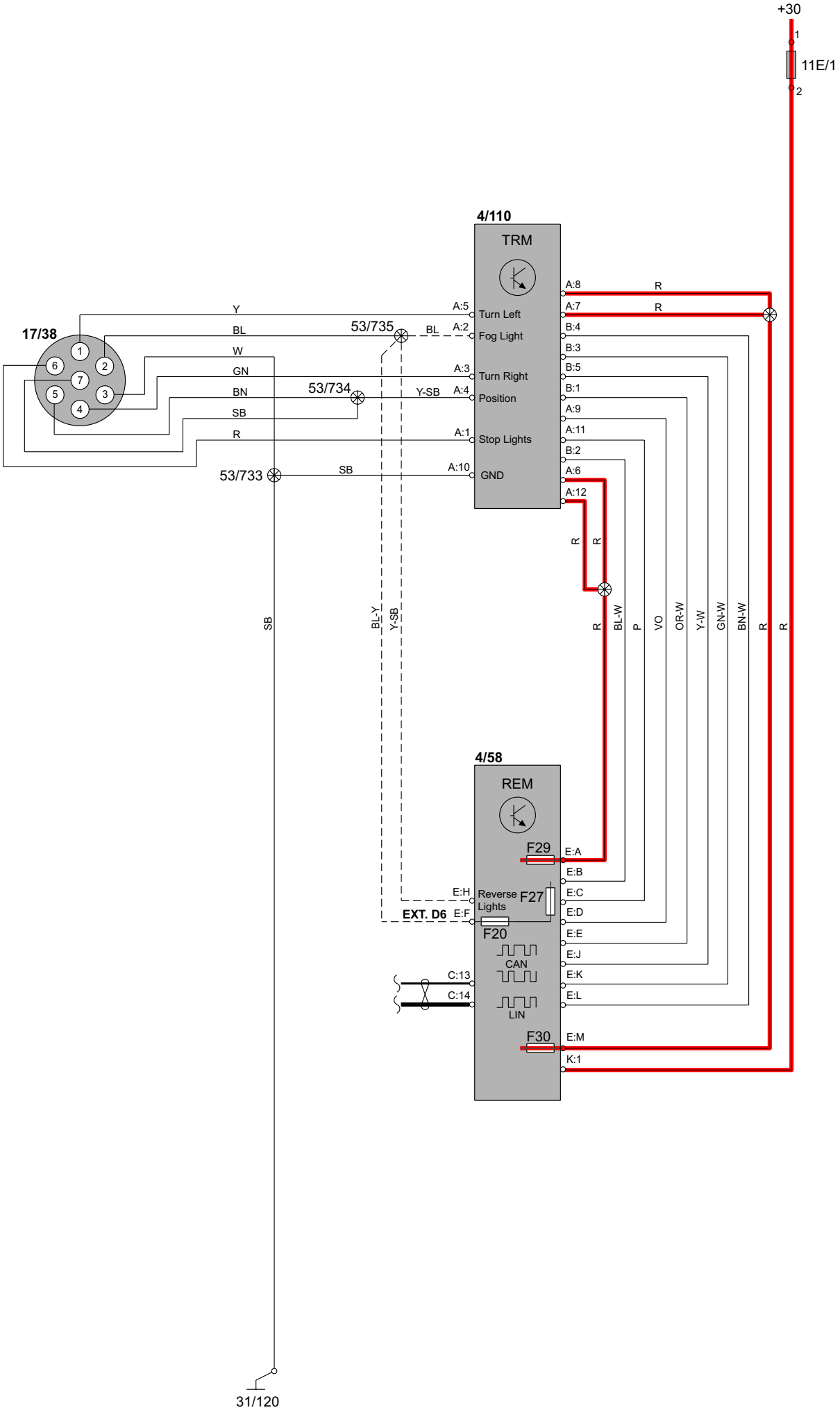
Pos	Function	Type
A:1	Electrical distribution	Ground
A:2	Electrical distribution	Feed
A:3	CAN communication	Input/output signals
A:4	CAN communication	Input/output signals
B:1	Remote heater start, minicall	Feed
B:2	Remote heater start, minicall	Ground
B:3	Remote heater start, minicall	Input signal
	Remote heater start, radio signal	
B:5	Electric engine heater	Steering, alternating current feed
B:6	Parking assistance	Feed
B:7	Parking assistance	Input signal
B:8	Parking assistance	Ground
B:11	Handsfree, audio disengage	Input signal
B:12	Audio disengage	Output signal
B:13	Rheostat, audio	Output signal
B:14	Speed signal, audio	Output signal
	Speed signal, RTI Japan	
B:15	Alarm signal	Output signal
B:16	Alarm signal	Output signal
B:30	Antenna amplifier, audio	Feed
	dimmer, RTI Japan	Output signal
B:33	Alarm signal	Output signal
	RTI Japan	Steering, X-feed
B:34	Alarm signal	Output signal
	Reverse gear signal, RTI Japan	


30+
30+
11C/9
11C/10
11C/9
11C/7
R
R
XC90
V70
53/425
4/56
CEM
CAN
LIN
HISPEED C:21
HISPEED C:22
HISPEED D:31
HISPEED D:46
HISPEED D:32
HISPEED D:47
LOSPEED D:34
LOSPEED D:49
LOSPEED D:35
LOSPEED D:50
LOSPEED D:36
LOSPEED D:51
LOSPEED D:37
LOSPEED D:52
LOSPEED D:38
LOSPEED D:53
LOSPEED D:39
LOSPEED D:54
D:48 HISPEED
D:33 HISPEED
D:40 LOSPEED
D:55 LOSPEED
W
W
53/438
BN
BN
BN
17/13
CAN
GN
GN
R
31/84

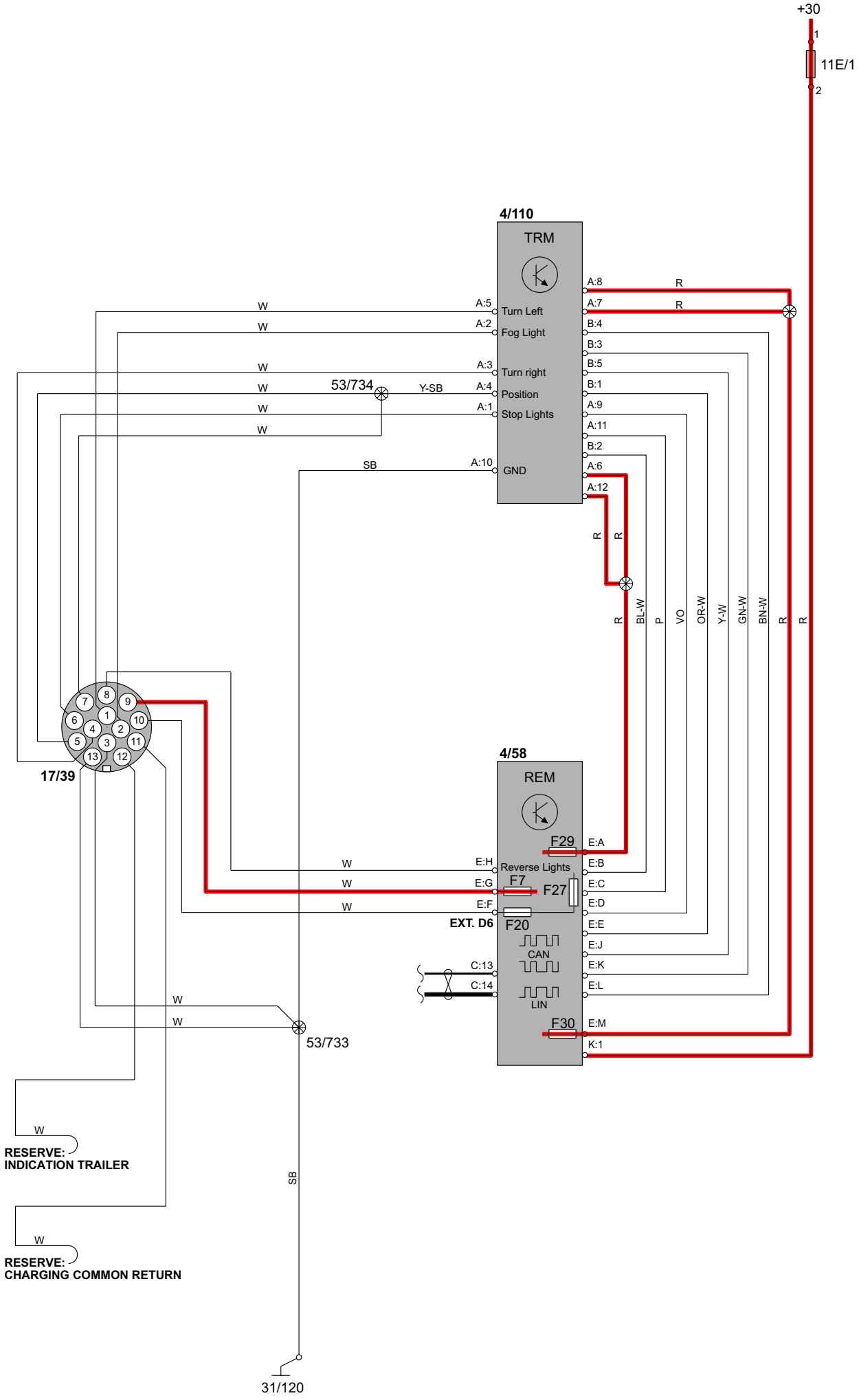

30+
11E/4
11E/1
4/56
CEM
CAN
LIN
F11
A:17
X
D:50
D:35
D:34
D:49
D:12
Y-W
E:B
R
54/40D
4/58
REM
K:1
F8
B:31
C:14
C:13
VO
9/1
SB
10/161
B:3
B:1
A:1
A:2
A:3
V70
FOUR-C
XC90
17/19
53/406
6
12
54/134
9/25
53/604
31/10
31/73

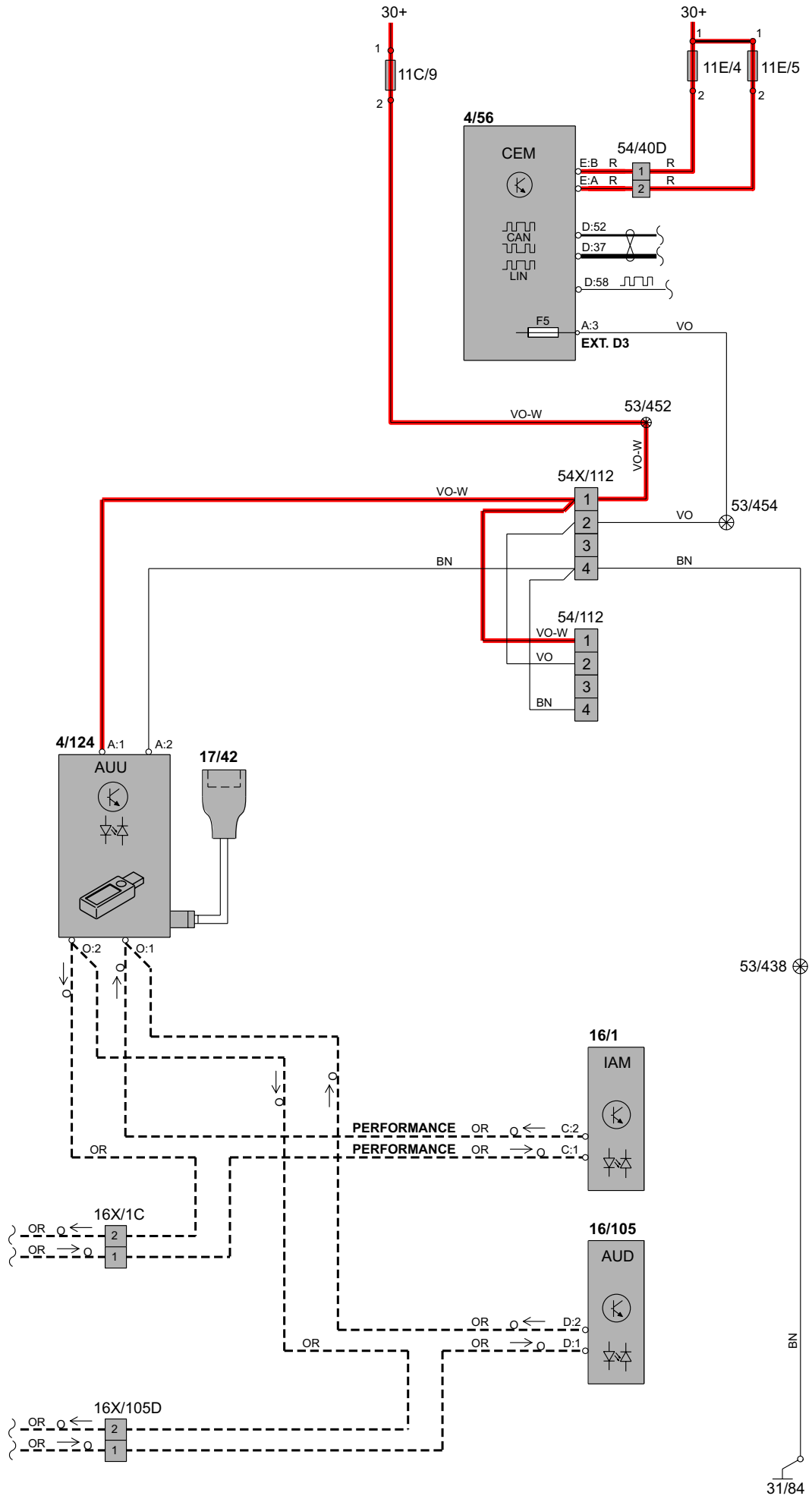

+30
1
11E/1
2
4/110
TRM
A:8
R
A:7
R
B:4
17/37
1
GN
A:3
Stop/Turn Right
A:9
2
Y
A:5
Stop/Turn Left
A:11
3
BN
A:4
Position
B:2
4
W
SB
A:10
GND
A:6
R
B:5
Stop/Turn Signal Left
A:12
R
B:3
Stop/Turn Signal Right
Y-W
GN-W
26/4
5
4
6
3
2
7
1
R
SB
4/58
REM
R
BL-W
P
VO
OR-W
Y-W
GN-W
BN-W
R
R
F29
E:A
E:B
E:C
E:D
E:E
CAN
C:13
E:J
C:14
E:K
LIN
E:L
F30
E:M
K:1
SB
31/120

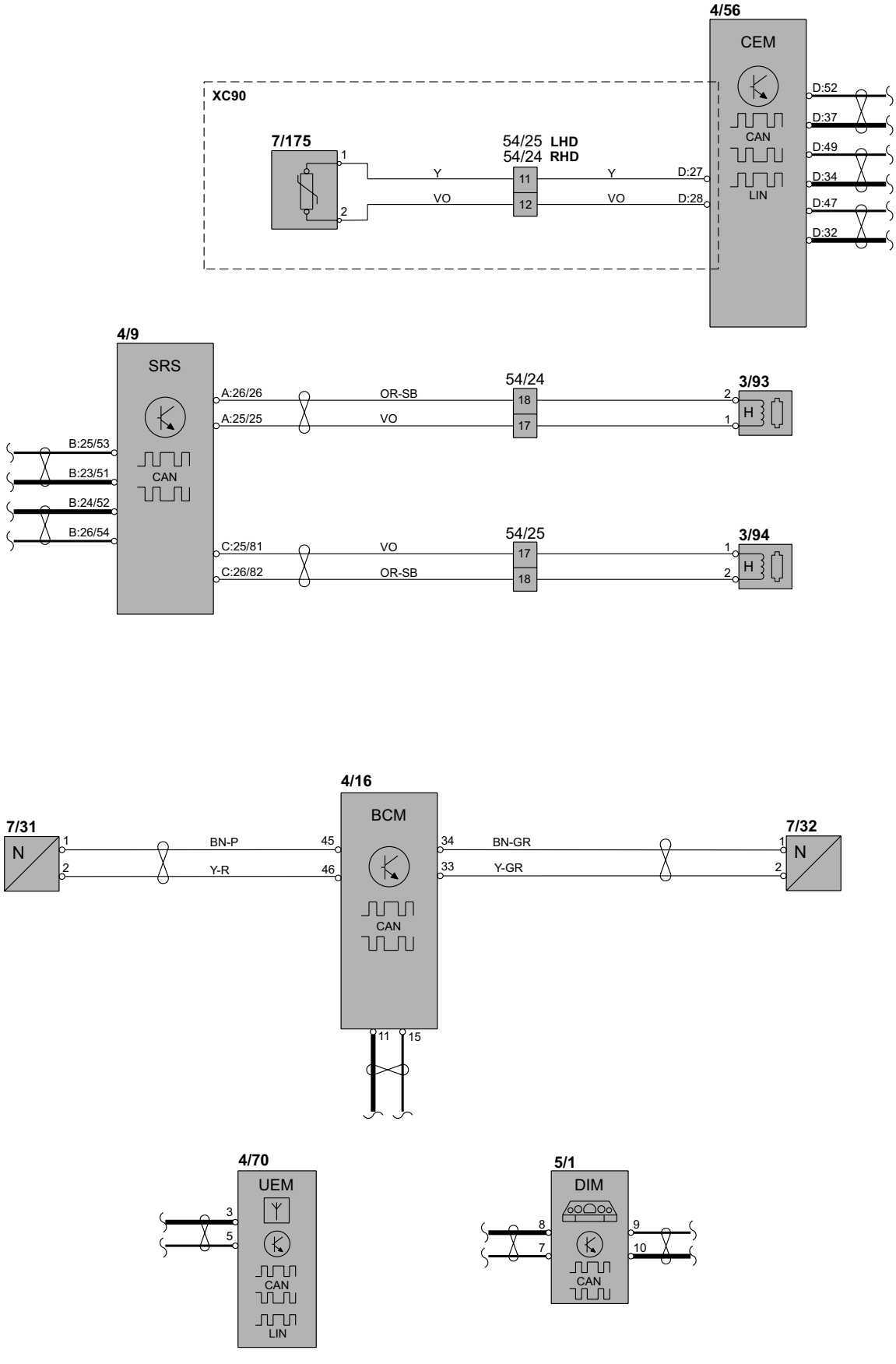

+30
1
11E/1
2
4/110
TRM
A:8
R
A:7
R
B:4
17/38
17/37
1
2
3
4
6 5
1 7 4
2 3
BN
A:4
Position
R-W
GN
A:3
Stop/Turn Right
B:1
OR-W
A:9
Y
A:5
Stop/Turn Left
A:11
B:2
W
SB
A:10
GND
A:6
B:5
Stop/Turn Signal Left
A:12
R
B:3
Stop/Turn Signal Right
Y-W
GN-W
26/4
5
6
4
3
2
7
1
OR-W
SB
VO
RESERVE:
REVERSE LIGHTS
4/58
REM
R
BL-W
P
VO
OR-W
Y-W
GN-W
BN-W
R
R
F29
E:A
E:B
F27
E:C
EXT. D6
E:F
F20
E:D
E:E
CAN
C:13
C:14
E:J
E:K
LIN
E:L
F30
E:M
K:1
BL
RESERVE:
STOP LIGHTS / ELECTRICAL BRAKE
SB
31/120


+30
1
11E/1
2
4/110
TRM
A:8
R
A:7
R
A:5
Turn Left
Y
17/38
53/735
BL
A:2
Fog Light
BL
W
GN
A:3
Turn Right
53/734
BN
Y-SB
A:4
Position
SB
R
A:1
Stop Lights
53/733
SB
A:10
GND
B:4
B:3
B:5
B:1
A:9
A:11
B:2
A:6
A:12
R
R
SB
BL-Y
Y-SB
R
BL-W
P
VO
OR-W
Y-W
GN-W
BN-W
R
R
4/58
REM
F29
E:A
E:B
E:H
Reverse Lights
F27
E:C
EXT. D6
E:F
E:D
F20
E:E
CAN
E:J
C:13
E:K
C:14
LIN
E:L
F30
E:M
K:1
31/120

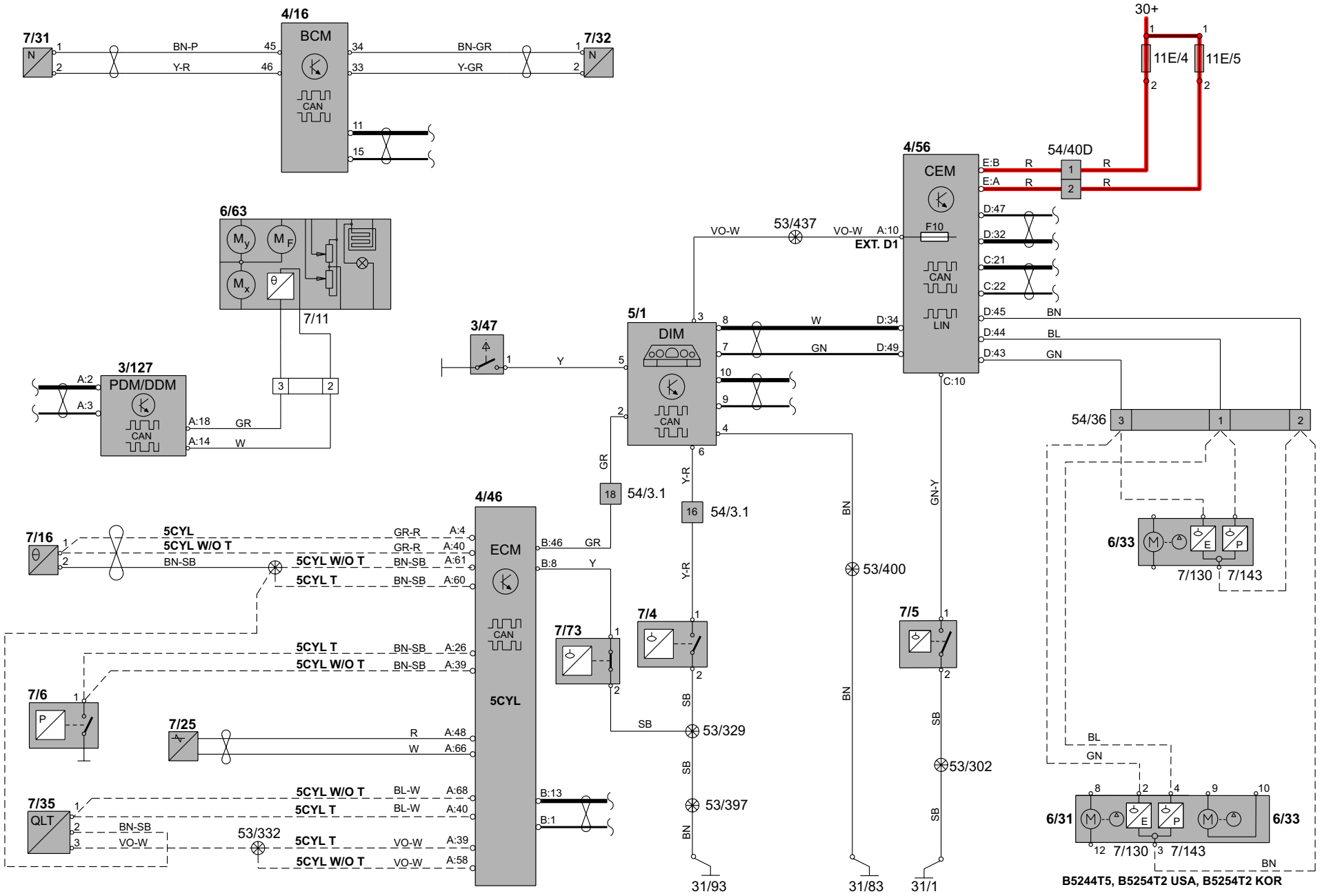
Group 37 Wiring and fuses, Accessories
Tow hitch cable harness, 13-pin



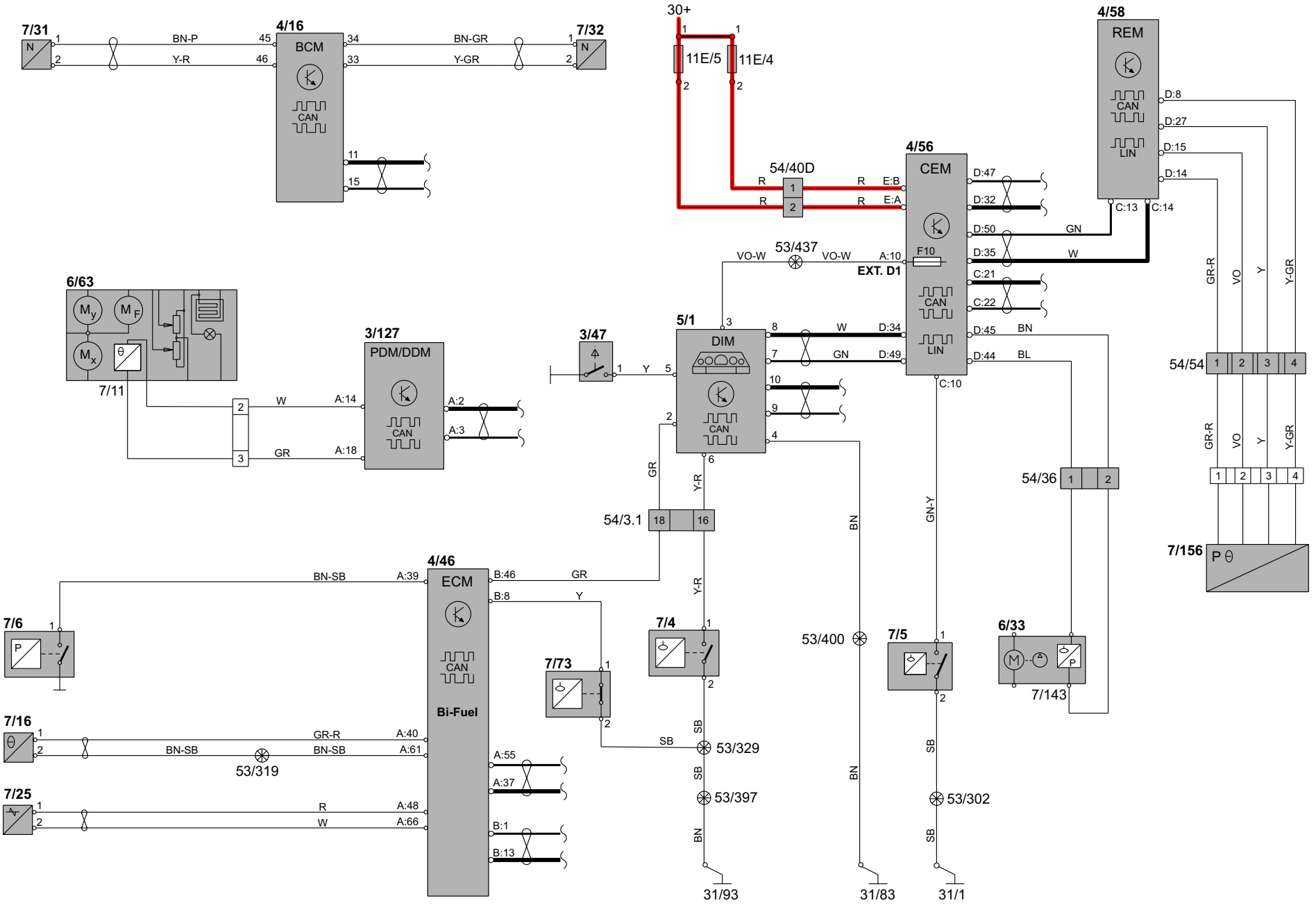

30+
11C/9
30+
11E/4
11E/5
4/56
CEM
54/40D
E:B R
E:A R
D:52
D:37
D:58
CAN
LIN
F5
A:3
EXT. D3
VO
53/452
VO-W
54X/112
53/454
BN
54/112
4/124
AUU
A:1
A:2
17/42
O:2
O:1
53/438
16/1
IAM
PERFORMANCE
OR
C:2
C:1
16X/1C
16/105
AUD
D:2
D:1
16X/105D
31/84


4/56
CEM
XC90
7/175
54/25 LHD
54/24 RHD
Y
VO
D:27
D:28
D:52
D:37
D:49
D:34
D:47
D:32
CAN
LIN
4/9
SRS
A:26/26
A:25/25
OR-SB
VO
54/24
3/93
B:25/53
B:23/51
B:24/52
B:26/54
C:25/81
C:26/82
54/25
3/94
7/31
7/32
BN-P
Y-R
BN-GR
Y-GR
4/16
BCM
4/70
UEM
5/1
DIM

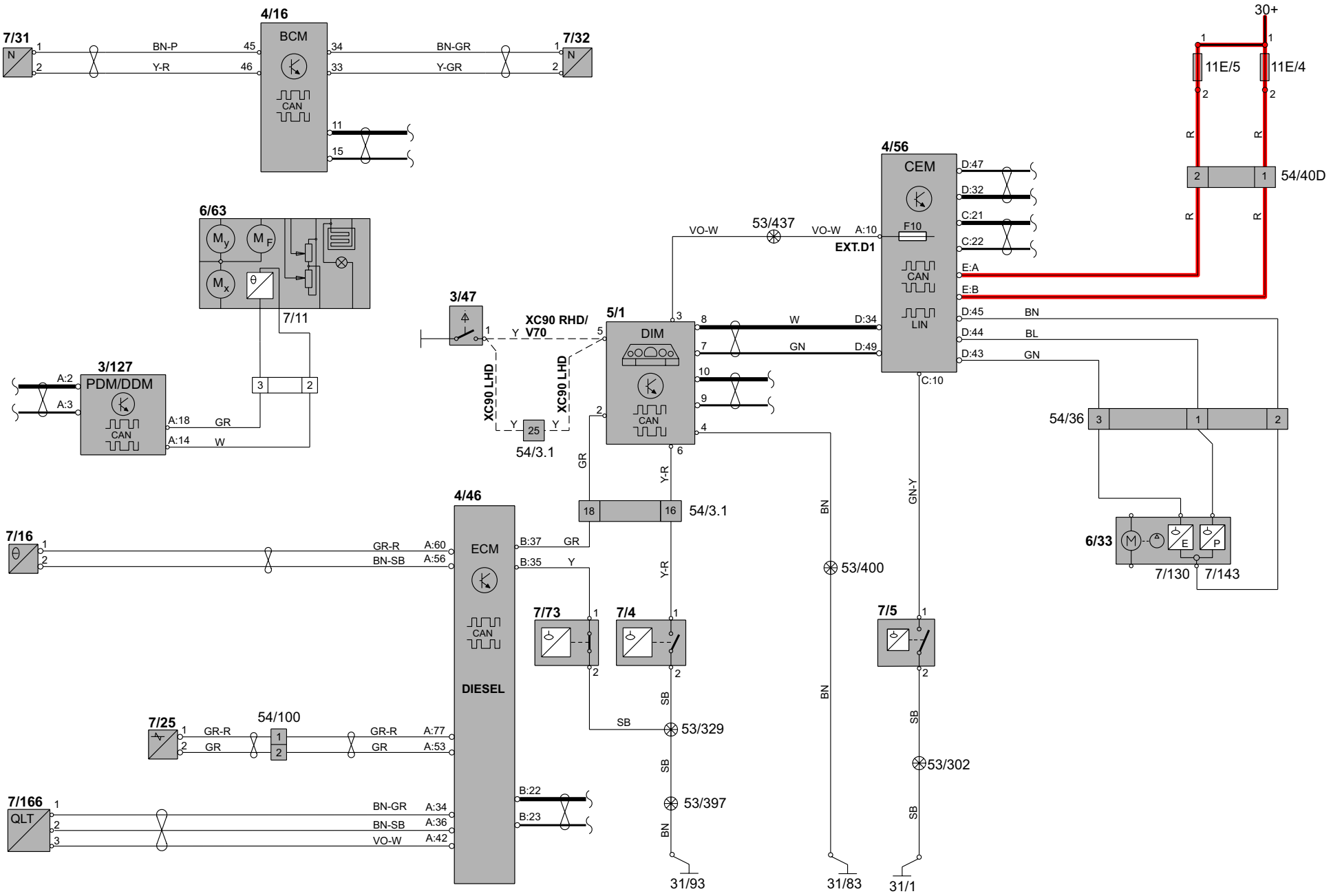
Group 38 Instruments
Driver information module, 5-cyl.



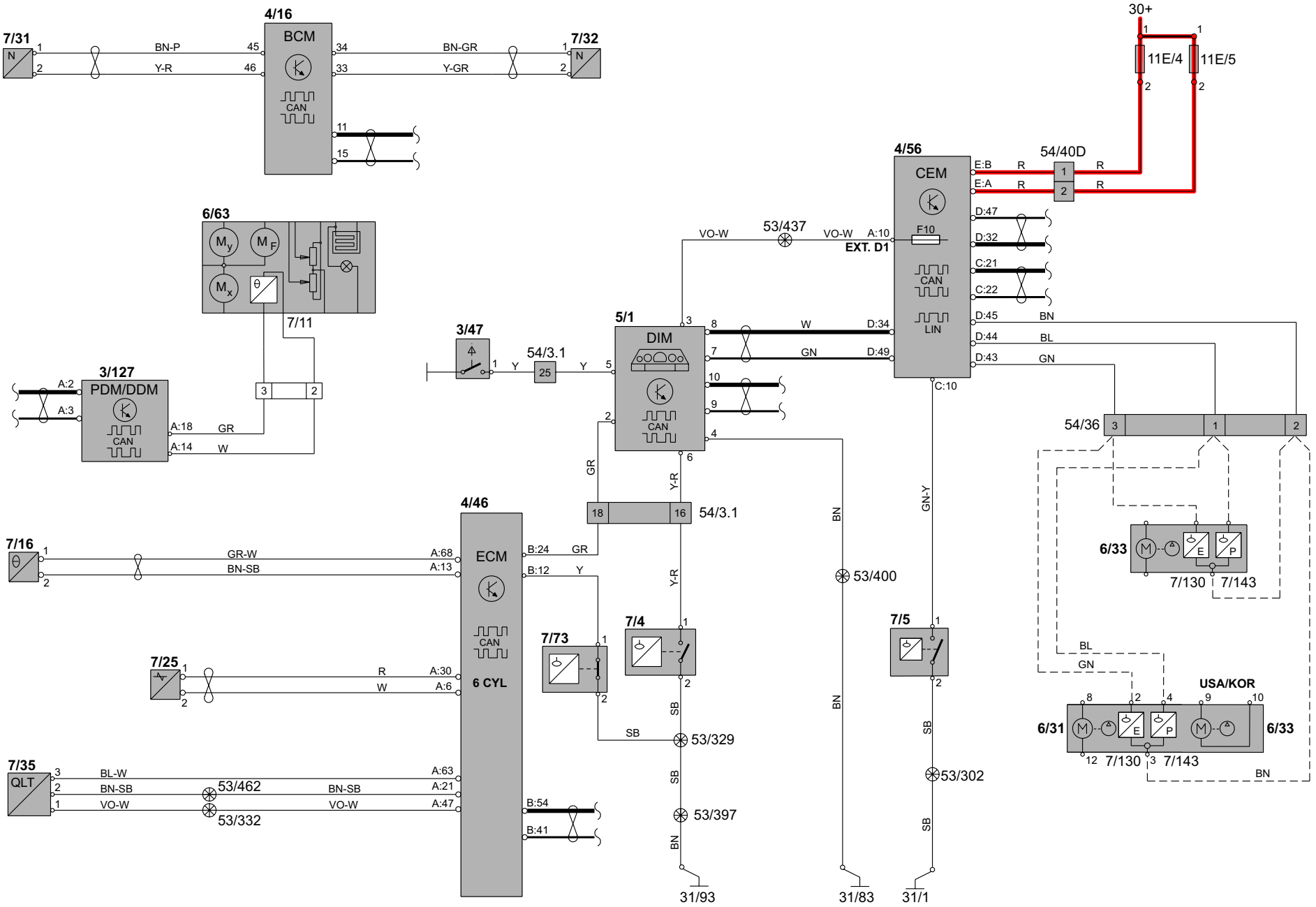
Group 38 Instruments
Driver information module, Bi-Fuel



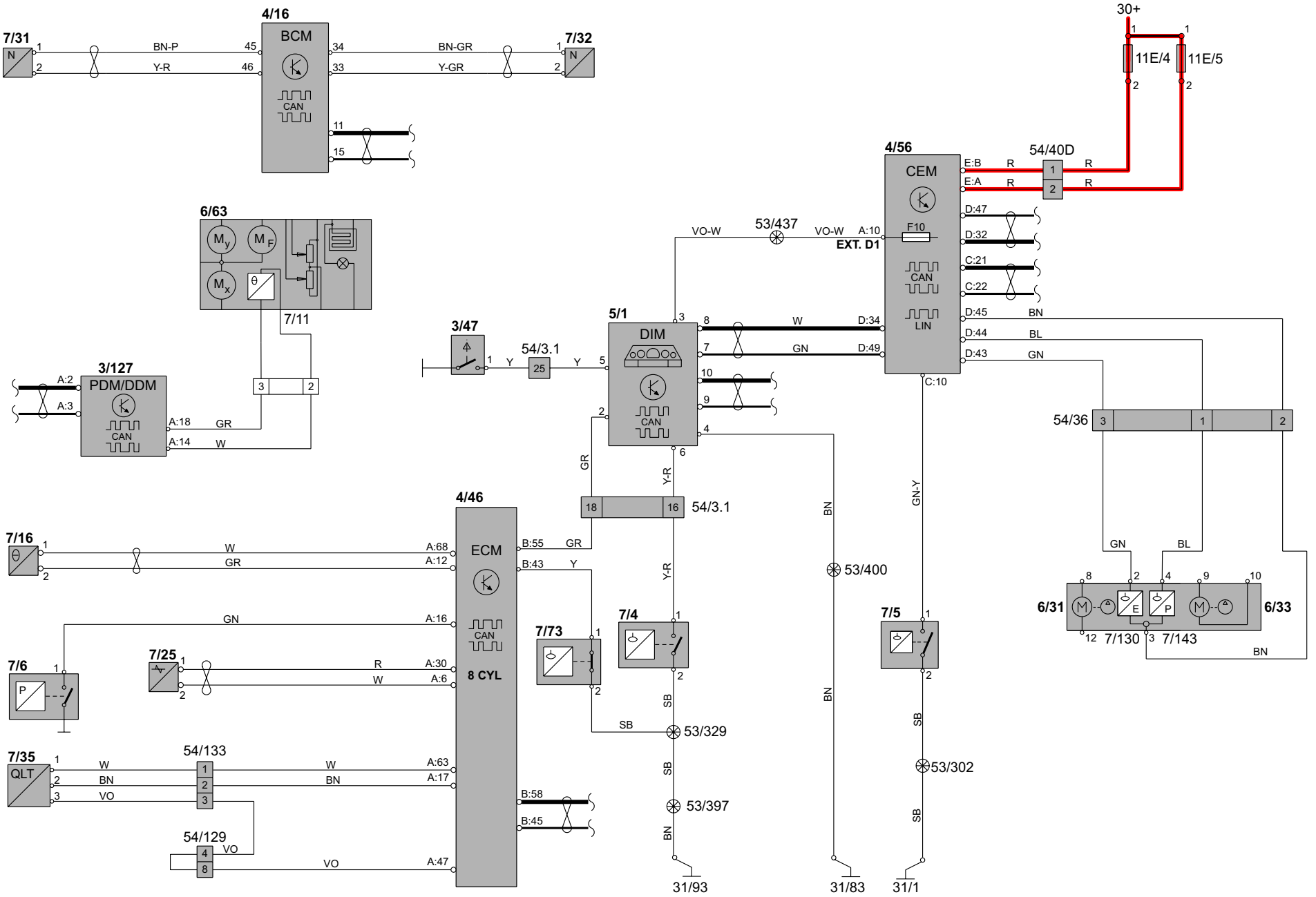
Group 38 Instruments
Driver information module, Diesel



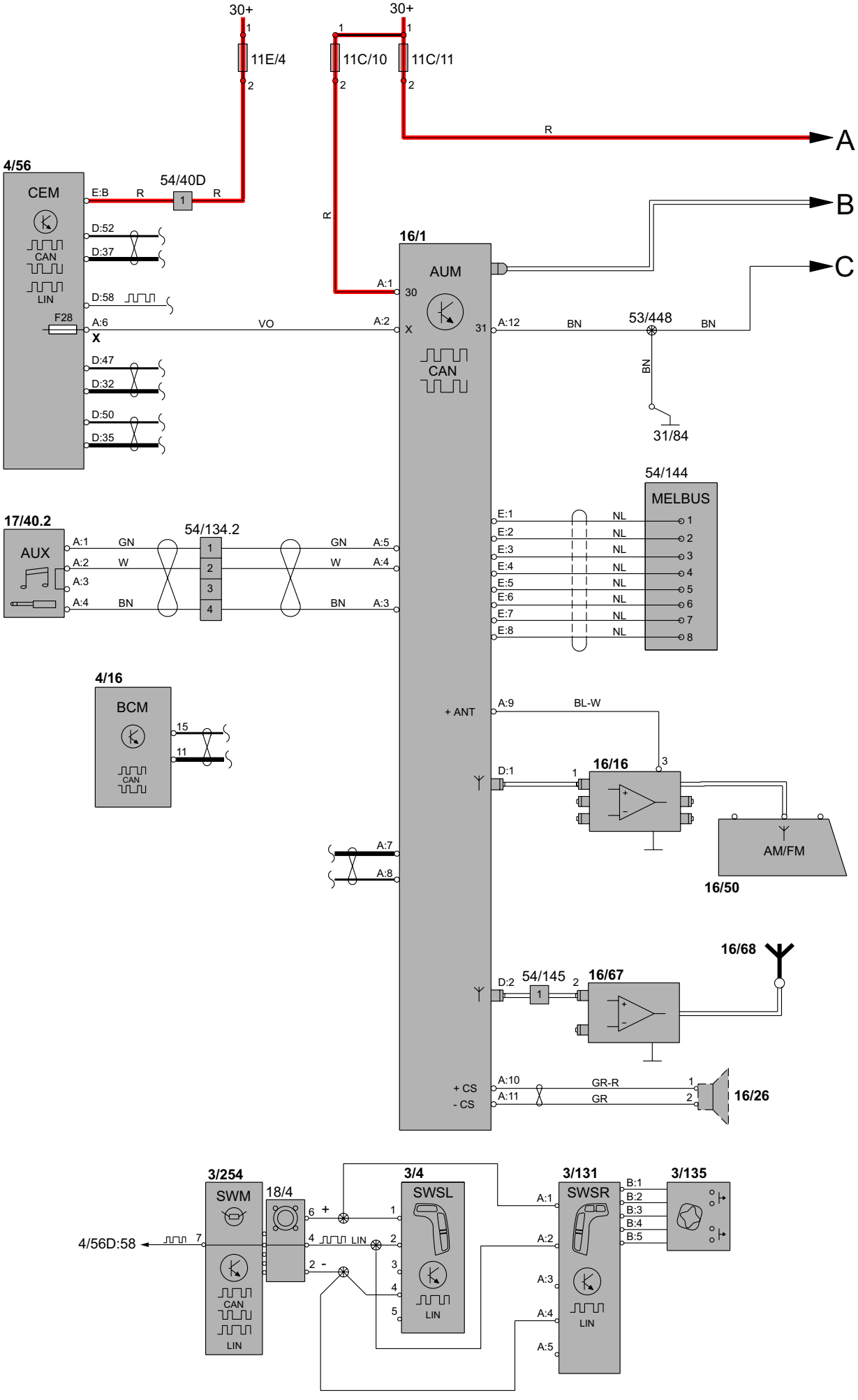
Group 38 Instruments
Driver information module, 6-cyl.



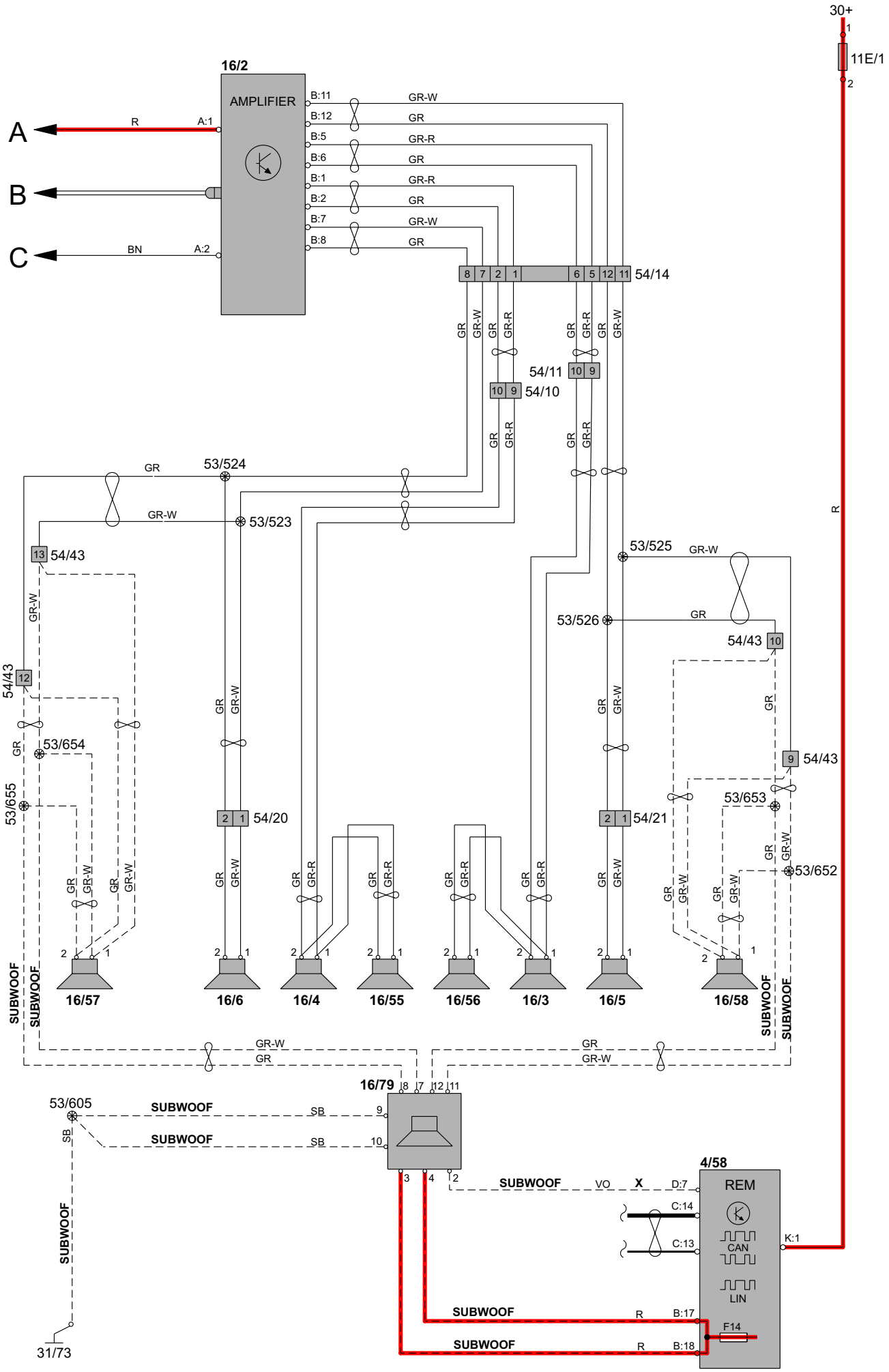
Group 38 Instruments
Driver information module, 8-cyl..

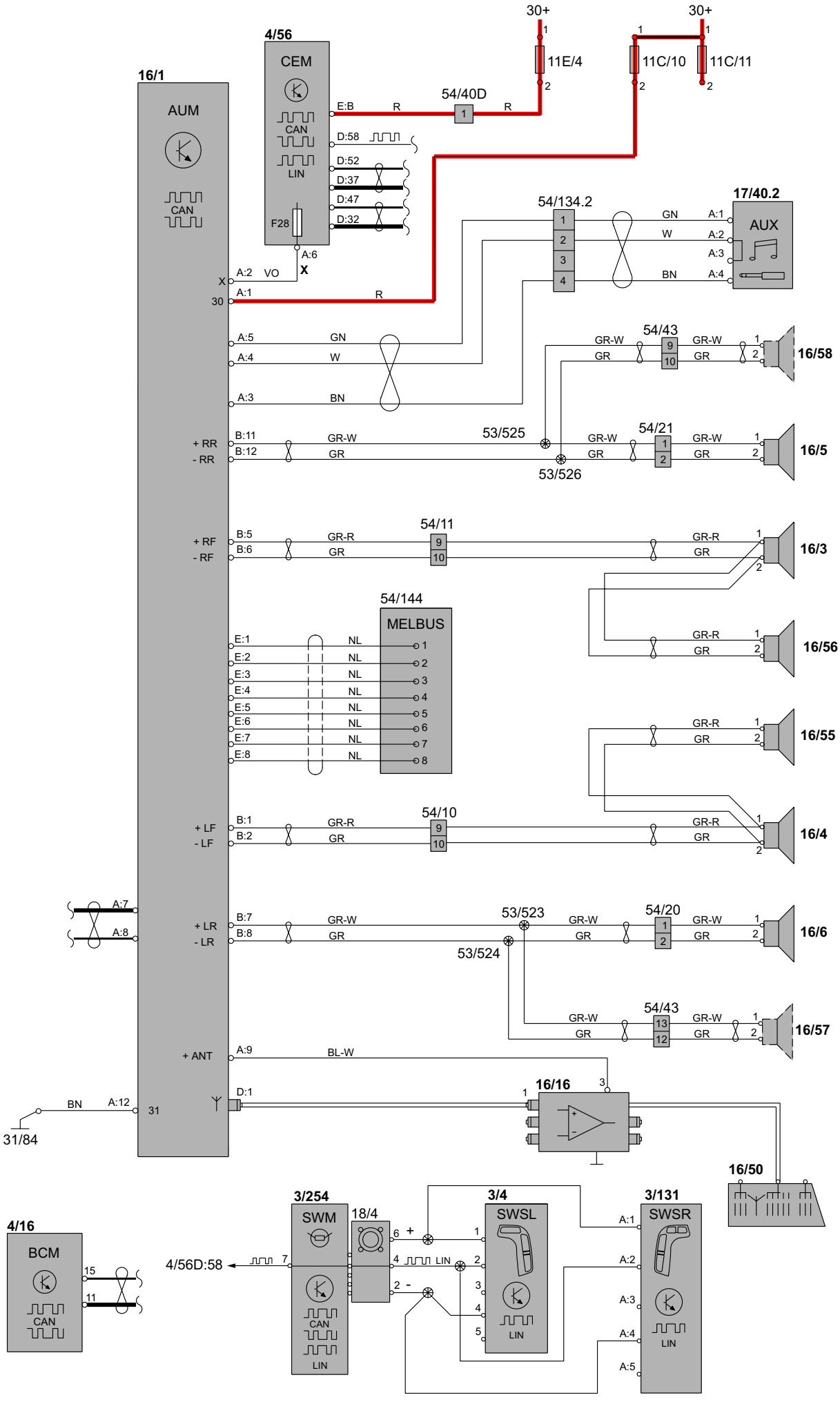


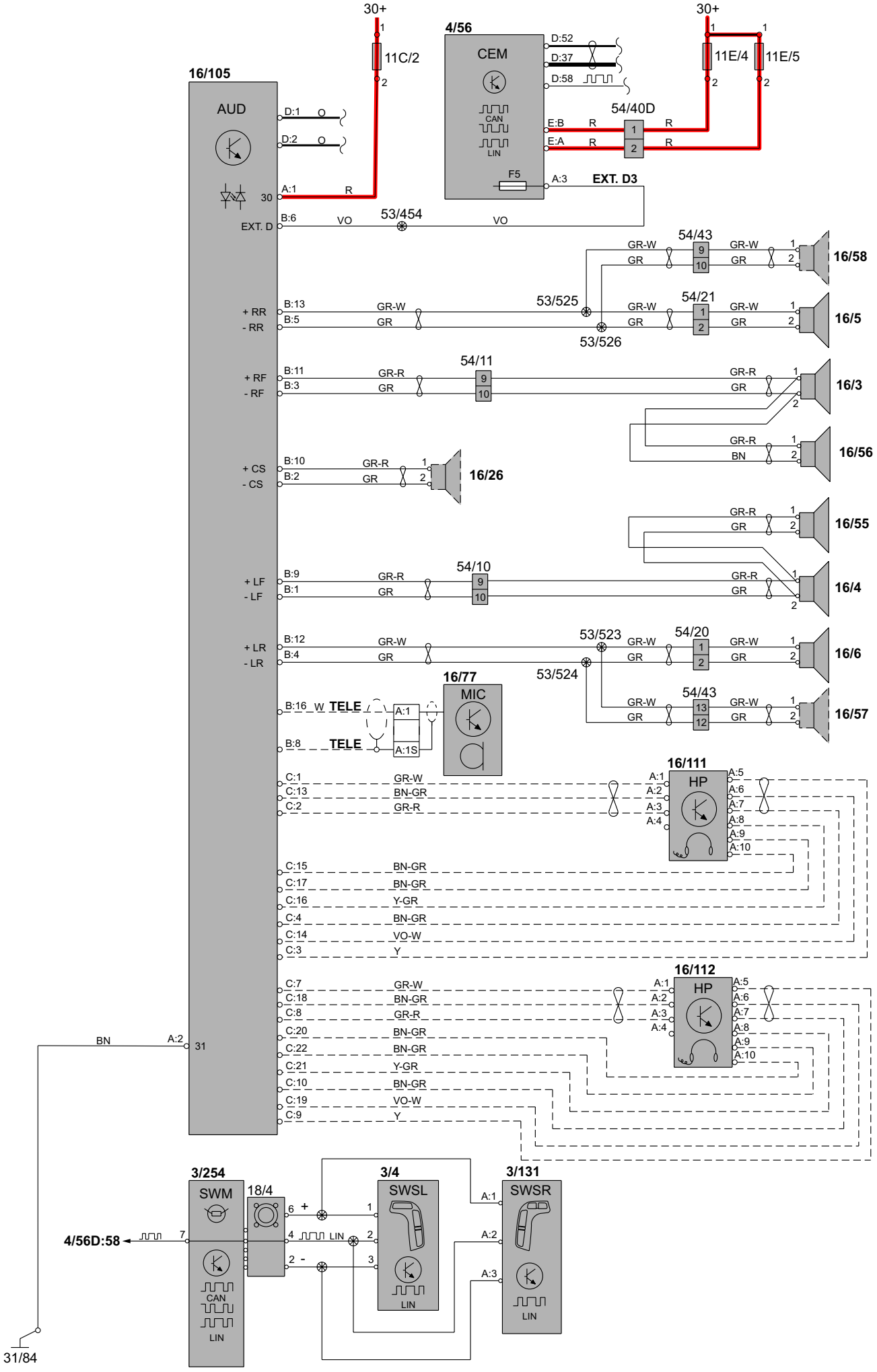
Audio with auxiliary amplifier V70 1:2



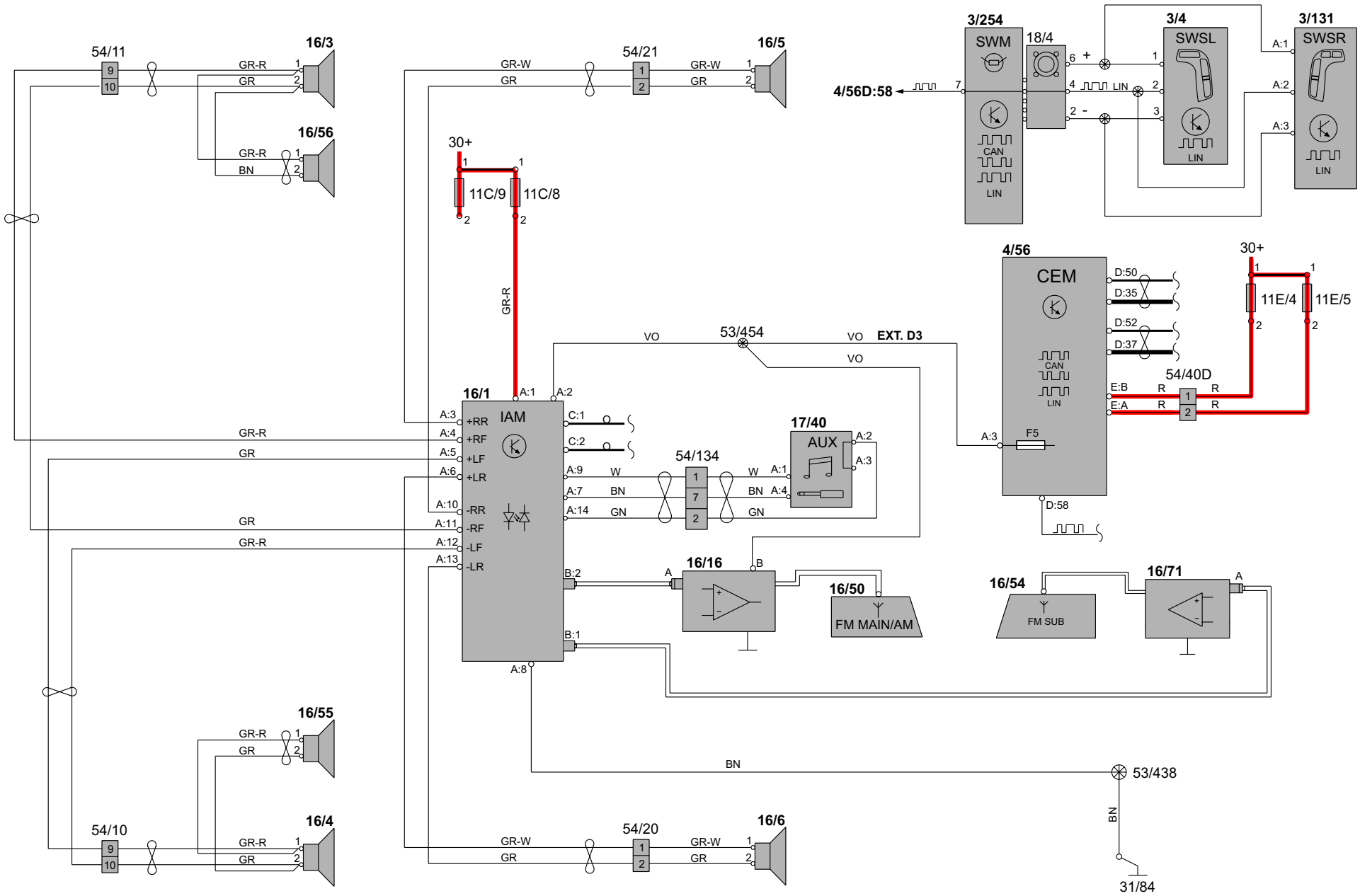
Group 39 Other
Audio with auxiliary amplifier V70 2:2



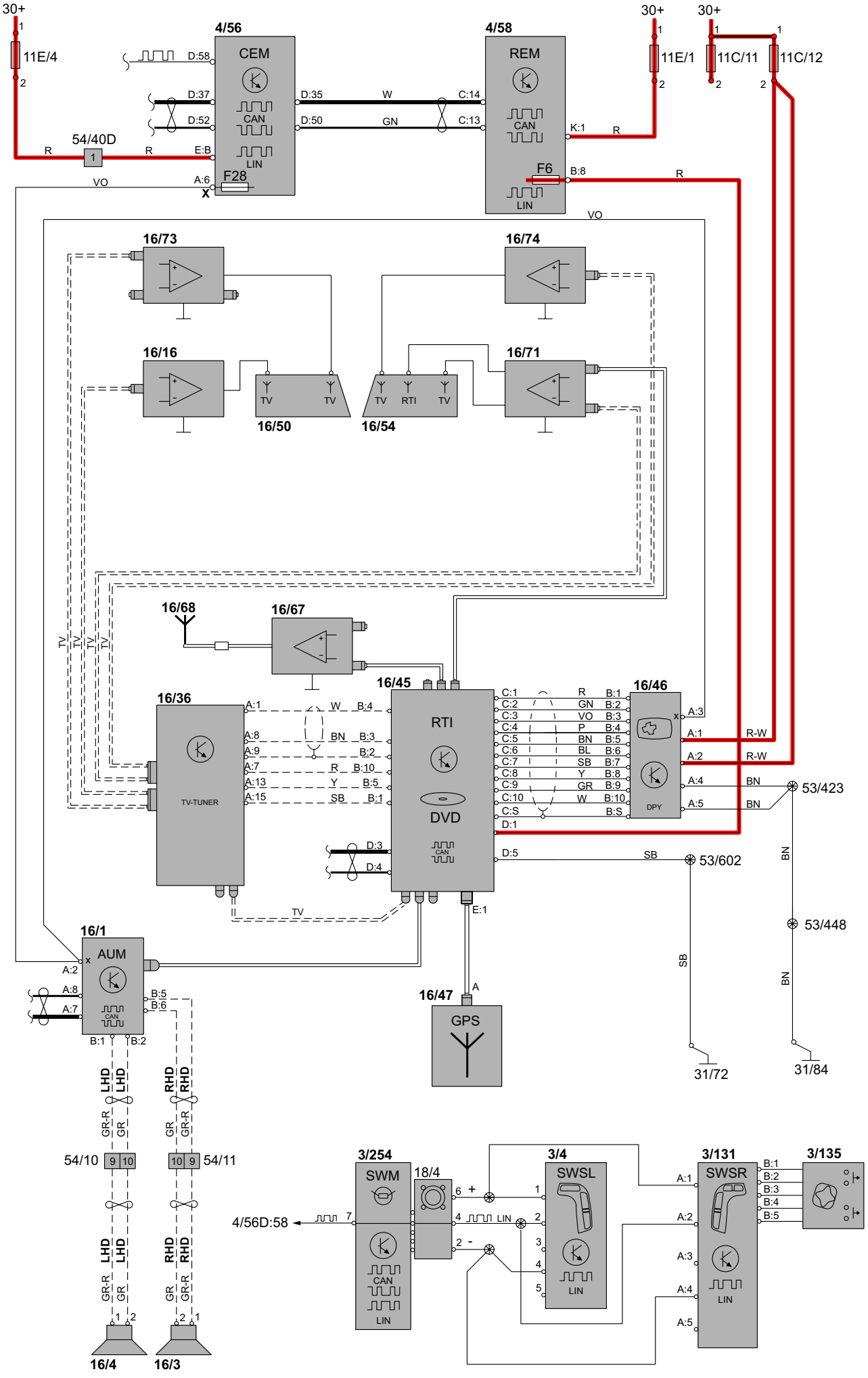

30+
11E/4
11C/10
11C/11
4/56
CEM
CAN
LIN
F28
E:B
R
54/40D
D:58
D:52
D:37
D:47
D:32
A:6
X
16/1
AUM
CAN
A:2
VO
A:1
30
54/134.2
GN
W
BN
17/40.2
AUX
A:5
A:4
A:3
54/43
GR-W
GR
16/58
+ RR
- RR
B:11
B:12
53/525
53/526
54/21
16/5
+ RF
- RF
B:5
B:6
54/11
16/3
16/56
54/144
MELBUS
E:1
E:2
E:3
E:4
E:5
E:6
E:7
E:8
NL
16/55
+ LF
- LF
B:1
B:2
54/10
16/4
A:7
A:8
+ LR
- LR
B:7
B:8
53/523
53/524
54/20
16/6
16/57
+ ANT
A:9
BL-W
D:1
16/16
BN
A:12
31
31/84
16/50
3/254
SWM
18/4
3/4
SWSL
3/131
SWSR
4/16
BCM
15
11
4/56D:58
6
4
2
7
A:1
A:2
A:3
A:4
A:5


30+
11C/2
4/56
CEM
D:52
D:37
D:58
CAN
LIN
F5
A:3
EXT. D3
54/40D
E:B
E:A
30+
11E/4
11E/5
16/105
AUD
D:1
D:2
A:1
30
EXT. D
B:6
VO
53/454
54/43
GR-W
GR
16/58
53/525
53/526
54/21
16/5
+ RR
- RR
B:13
B:5
+ RF
- RF
B:11
B:3
54/11
16/3
16/56
+ CS
- CS
B:10
B:2
16/26
16/55
+ LF
- LF
B:9
B:1
54/10
16/4
+ LR
- LR
B:12
B:4
53/523
53/524
54/20
16/6
16/77
MIC
B:16
W
TELE
B:8
A:1S
54/43
16/57
16/111
HP
C:1
C:13
C:2
GR-W
BN-GR
GR-R
C:15
C:17
C:16
C:4
C:14
C:3
Y-GR
VO-W
Y
16/112
C:7
C:18
C:8
C:20
C:22
C:21
C:10
C:19
C:9
BN
A:2
31
3/254
SWM
18/4
3/4
SWSL
3/131
SWSR
4/56D:58
31/84

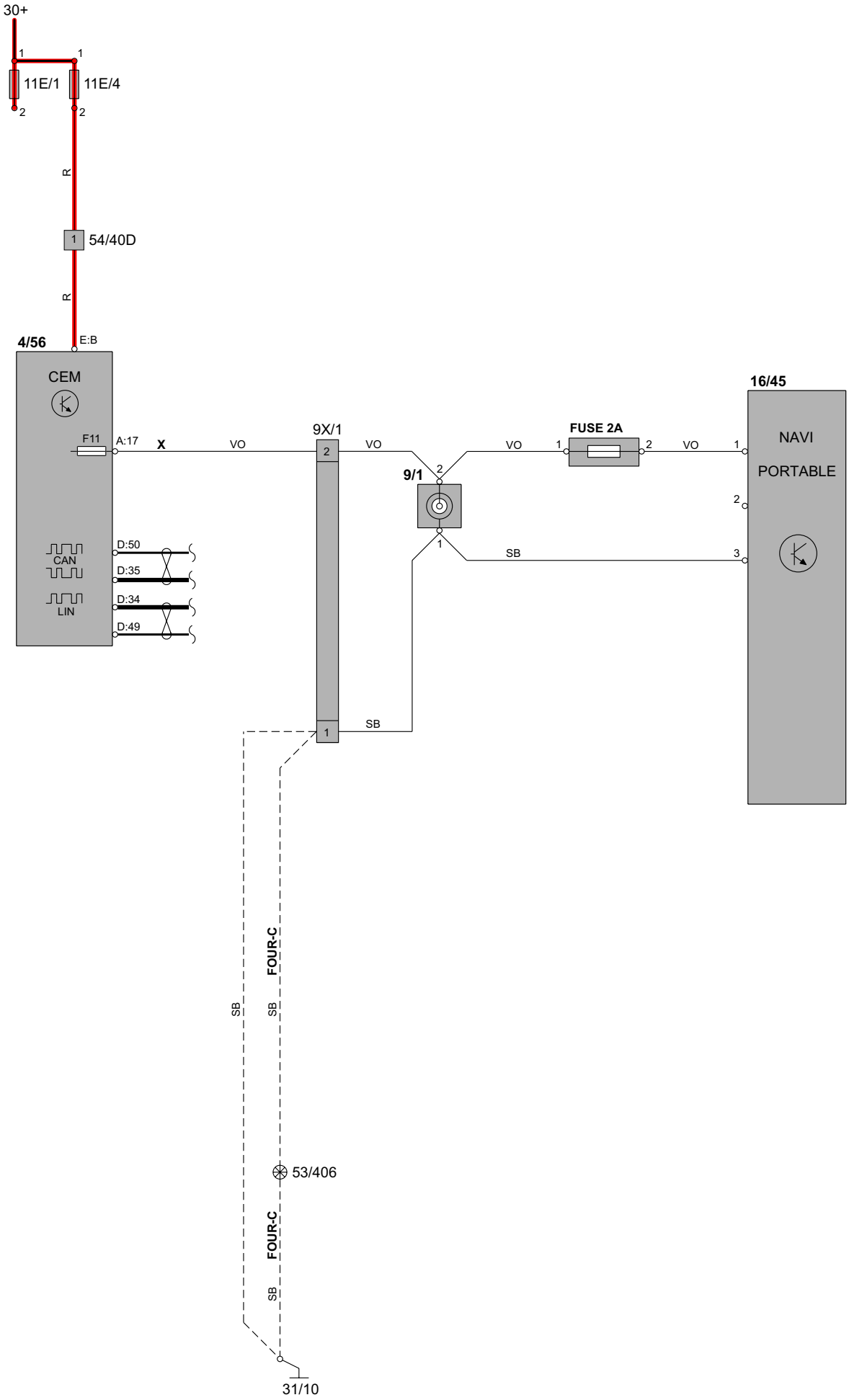
Group 39 Other
Audio Performance XC90



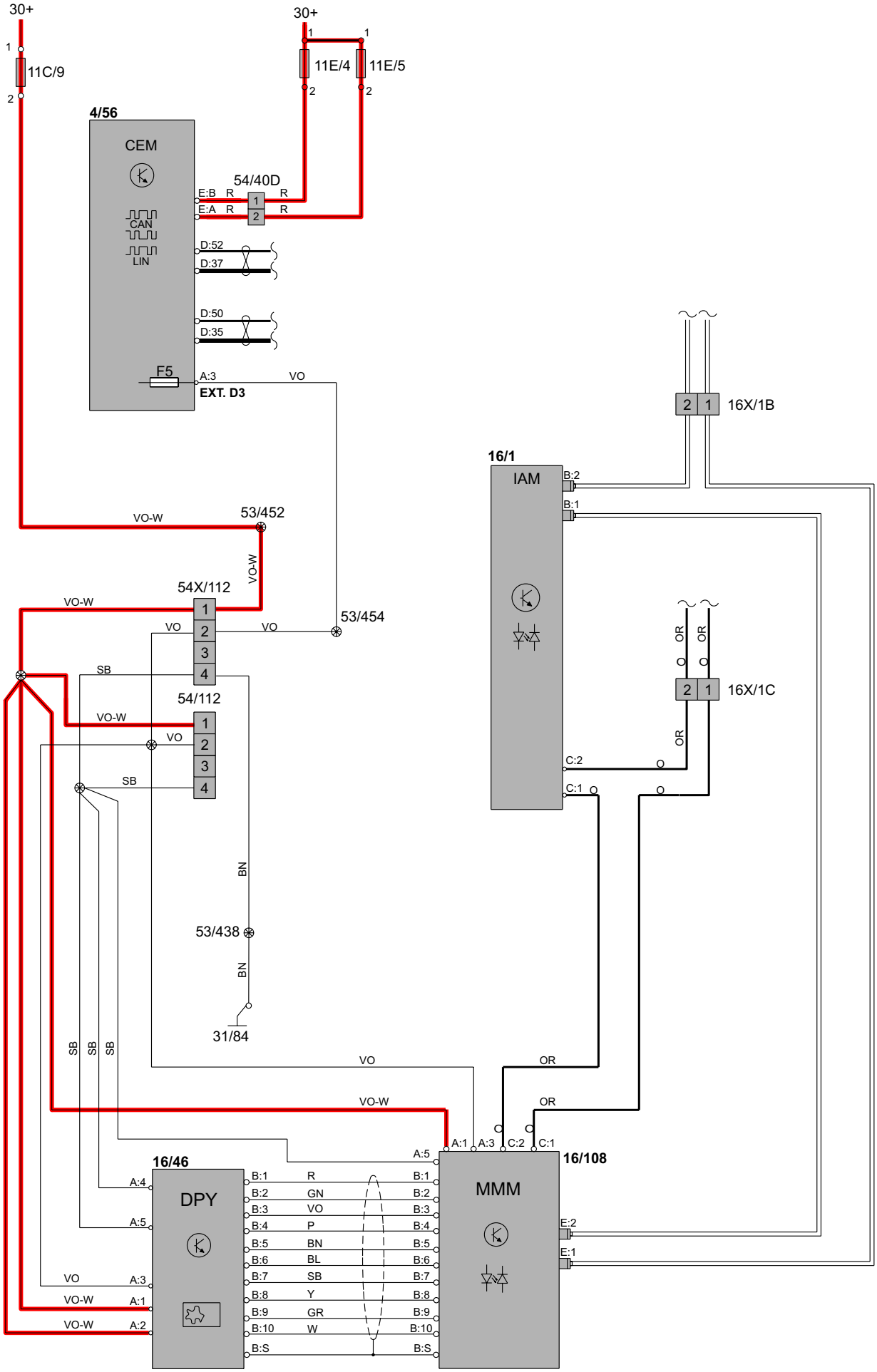
Group 39 Other
Road Traffic Information module (RTI) V70

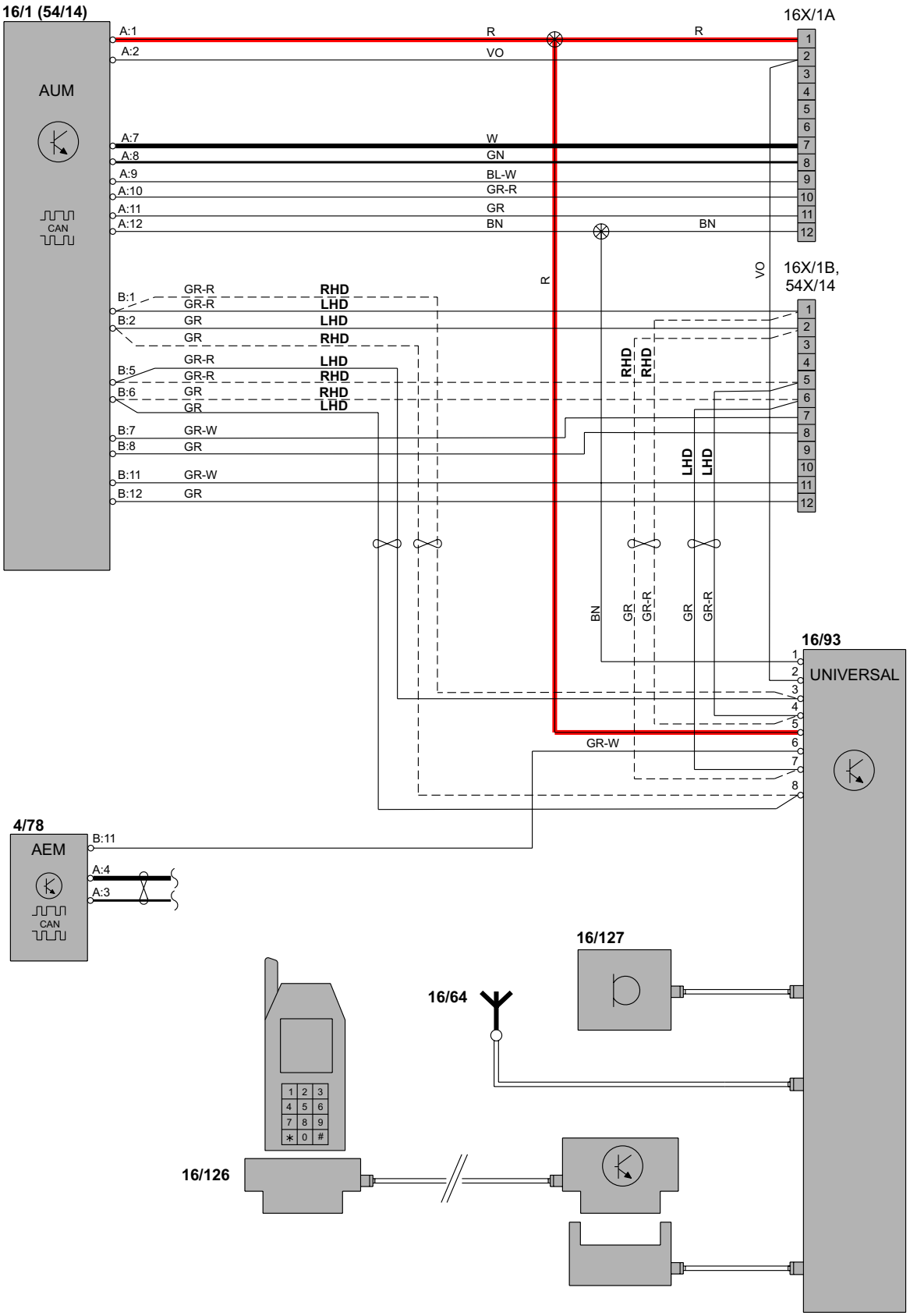


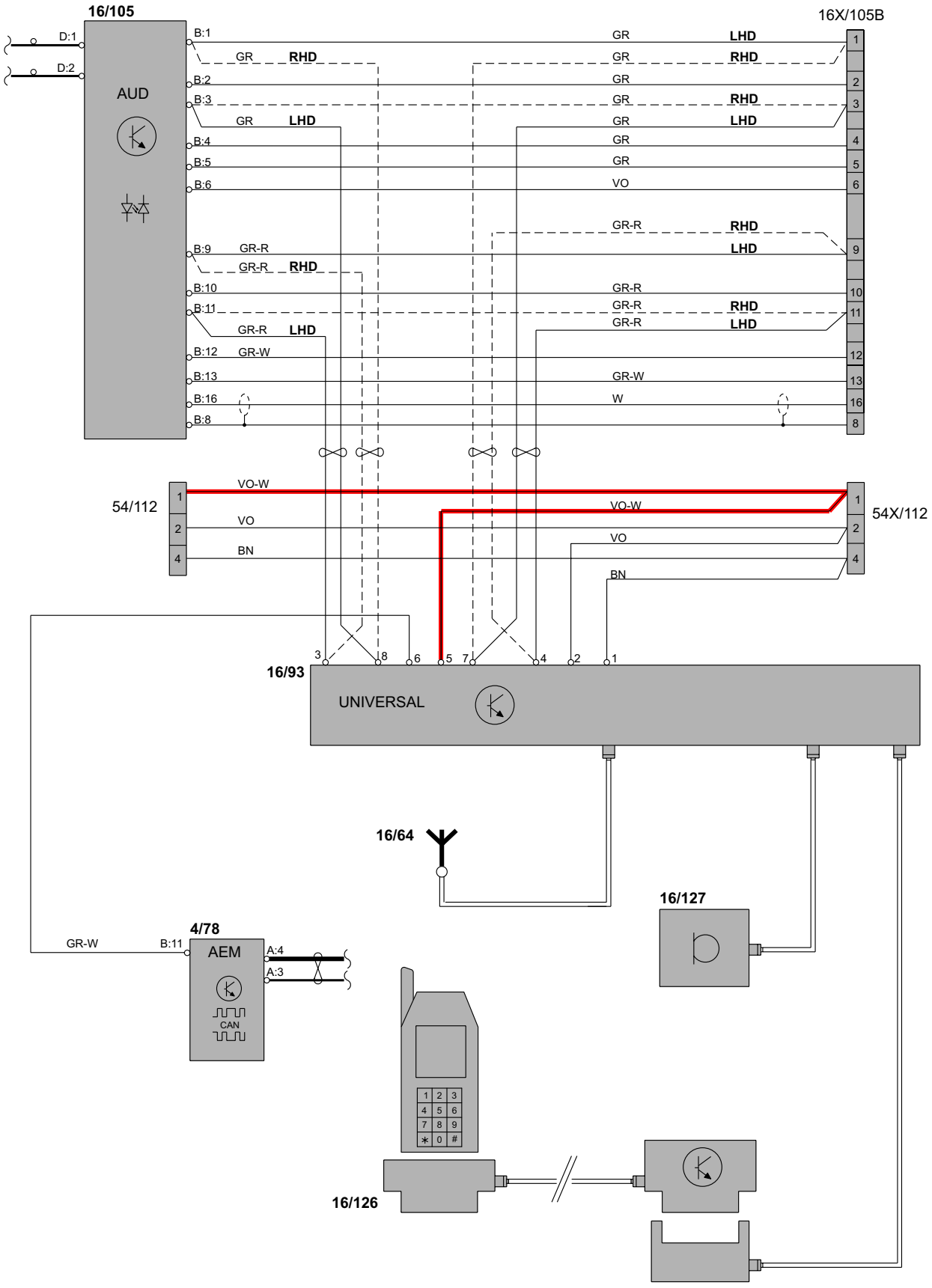
Group 39 Other, Accessories
Portable navigation system

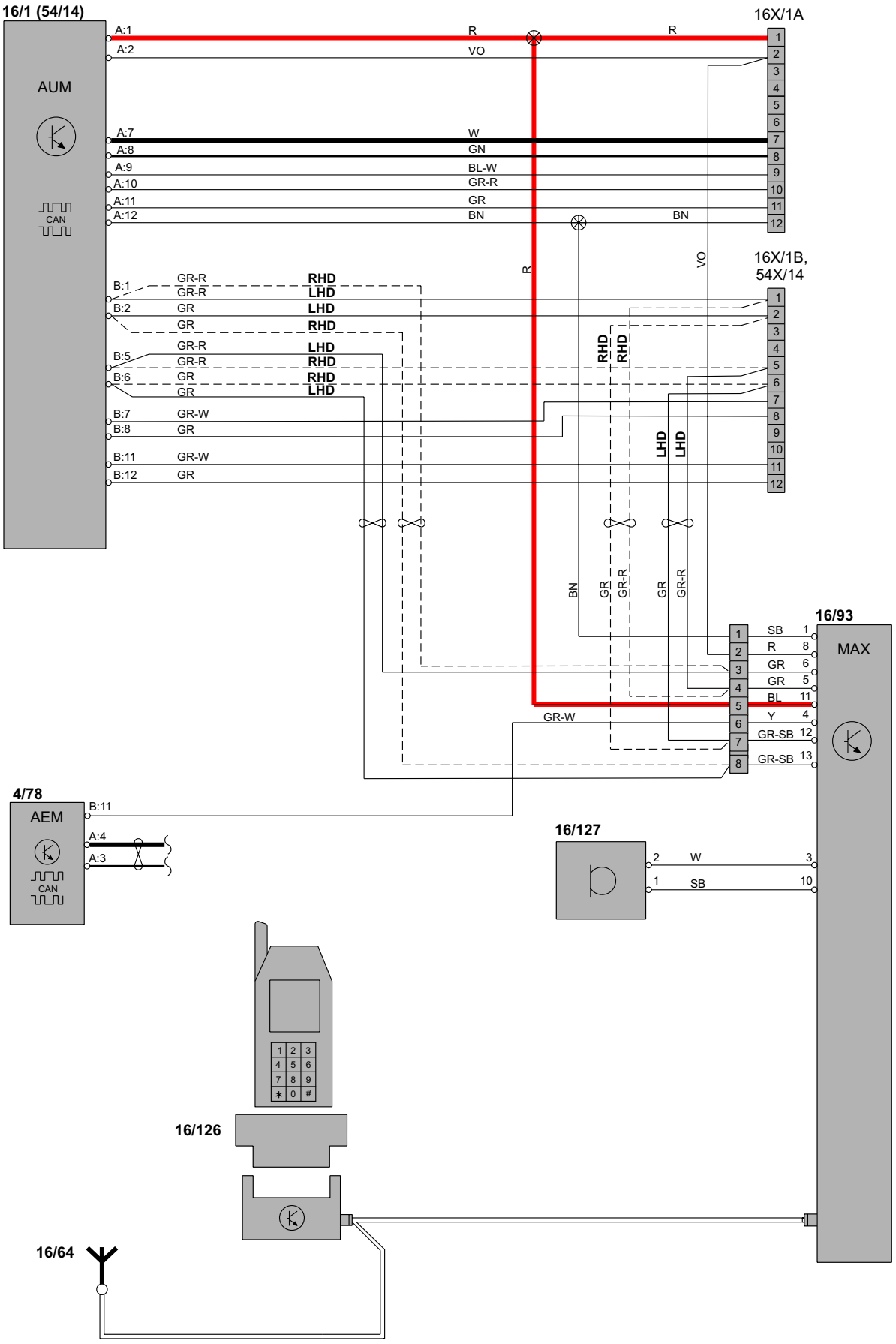


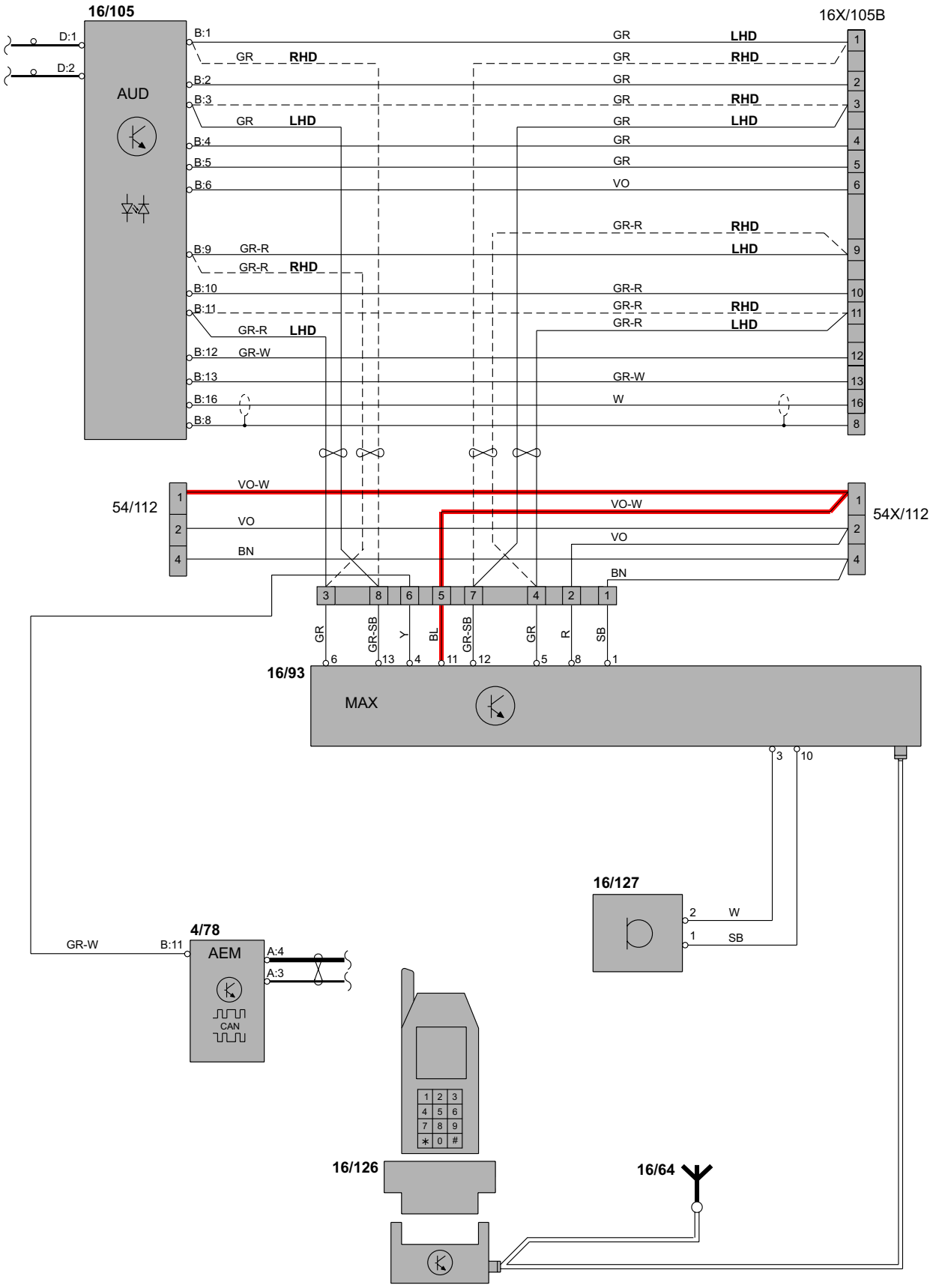
Group 39 Other, Accessories
Road Traffic Information module (RTI) XC90



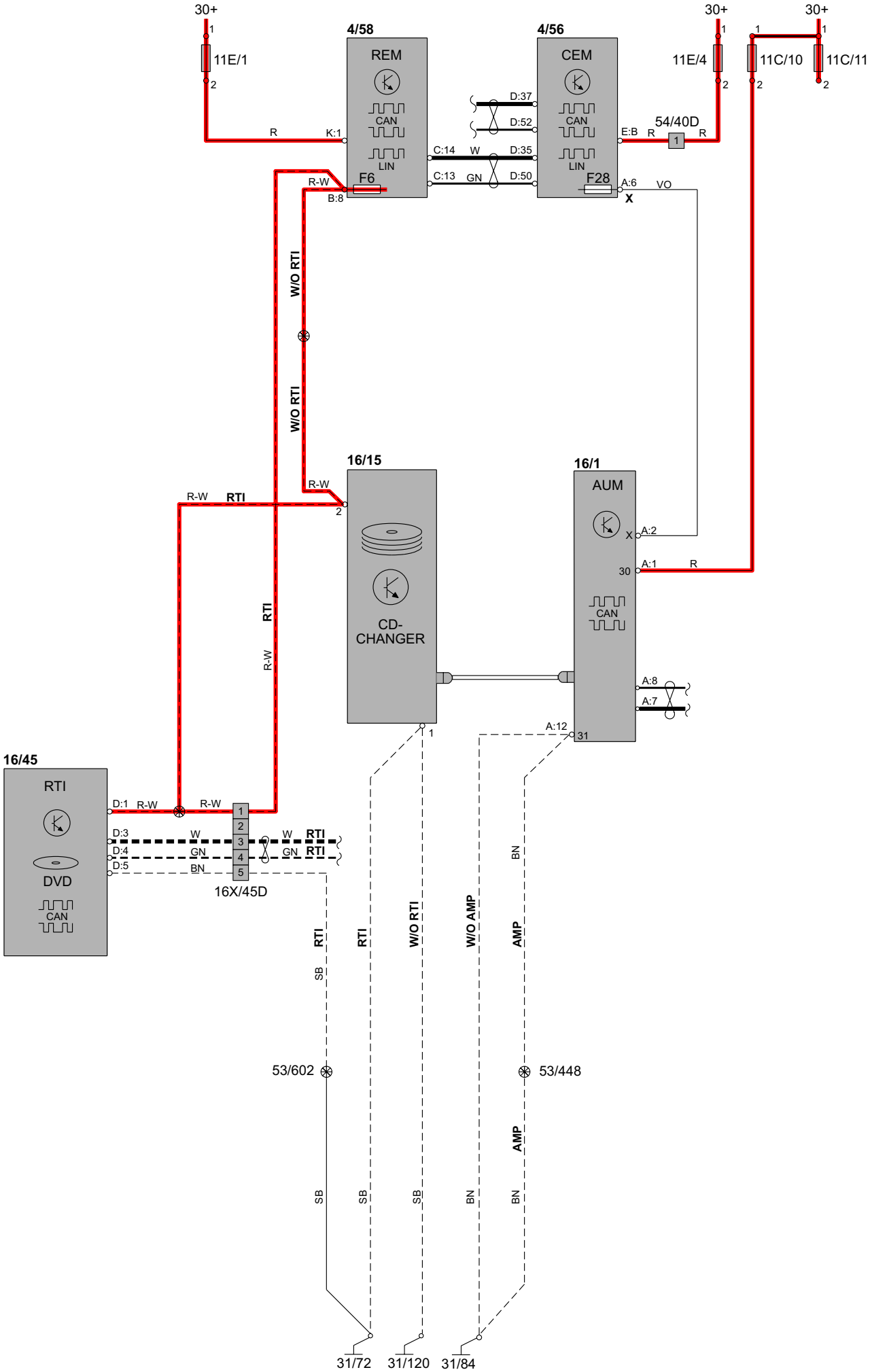

16/1 (54/14)
AUM
CAN
A:1
A:2
A:7
A:8
A:9
A:10
A:11
A:12
R
VO
W
GN
BL-W
GR-R
GR
BN
16X/1A
B:1
B:2
B:5
B:6
B:7
B:8
B:11
B:12
GR-R
GR-R
GR
GR
GR
GR
GR-W
GR
GR-W
GR
RHD
LHD
LHD
RHD
RHD
LHD
RHD
LHD
16X/1B,
54X/14
16/93
UNIVERSAL
4/78
AEM
A:4
A:3
16/127
16/64
16/126


16/105
AUD
D:1
D:2
B:1
B:2
B:3
B:4
B:5
B:6
B:9
B:10
B:11
B:12
B:13
B:16
B:8
GR
RHD
LHD
GR-R
GR-W
16X/105B
VO
W
54/112
VO-W
VO
BN
54X/112
16/93
UNIVERSAL
16/64
16/127
4/78
AEM
CAN
A:4
A:3
16/126

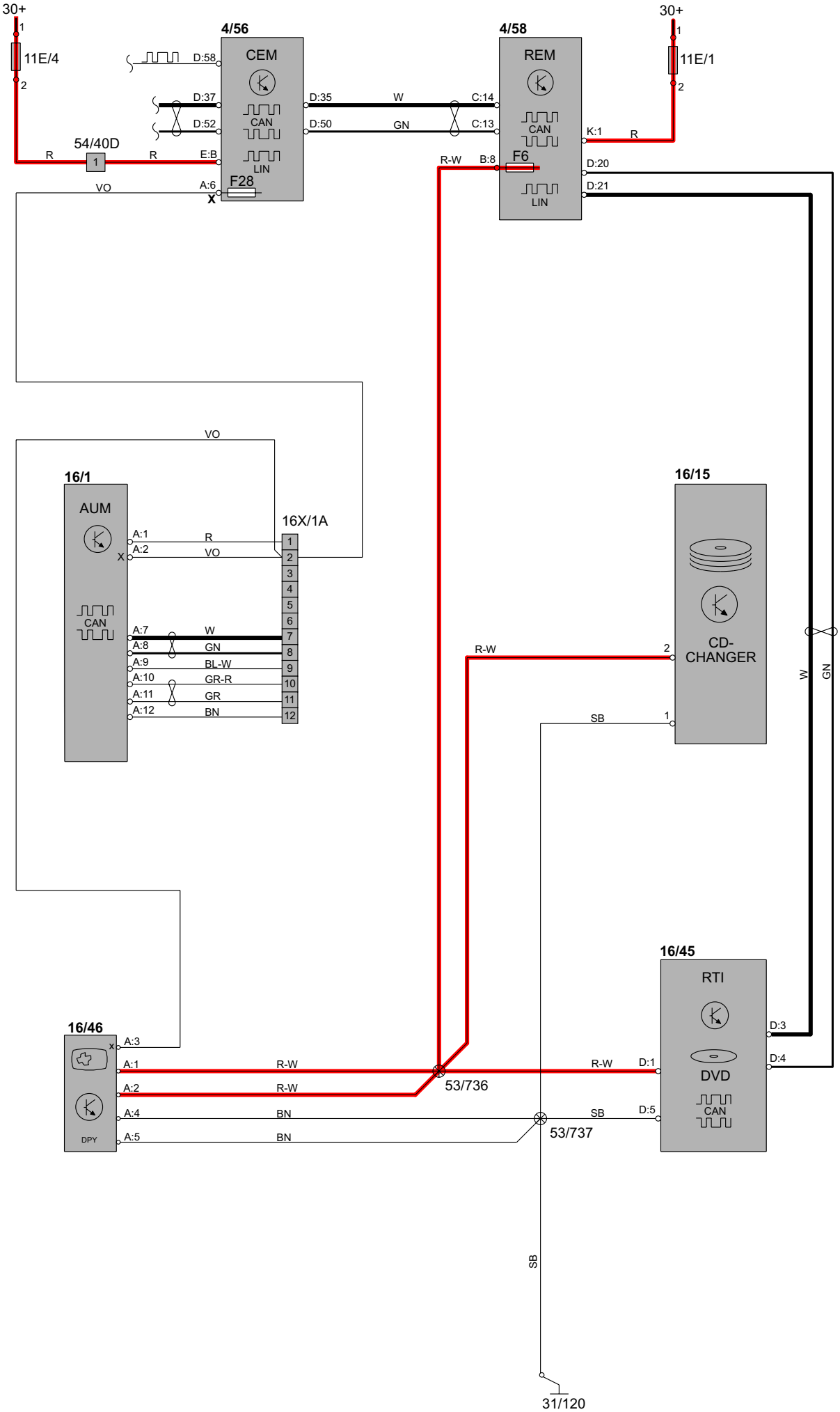

16/1 (54/14)
AUM
CAN
A:1
A:2
A:7
A:8
A:9
A:10
A:11
A:12
R
VO
W
GN
BL-W
GR-R
GR
BN
16X/1A
16X/1B, 54X/14
B:1
B:2
B:5
B:6
B:7
B:8
B:11
B:12
GR-R
GR
GR-W
RHD
LHD
16/93
MAX
SB
GR-SB
BL
Y
4/78
AEM
A:4
A:3
16/127
16/126
16/64

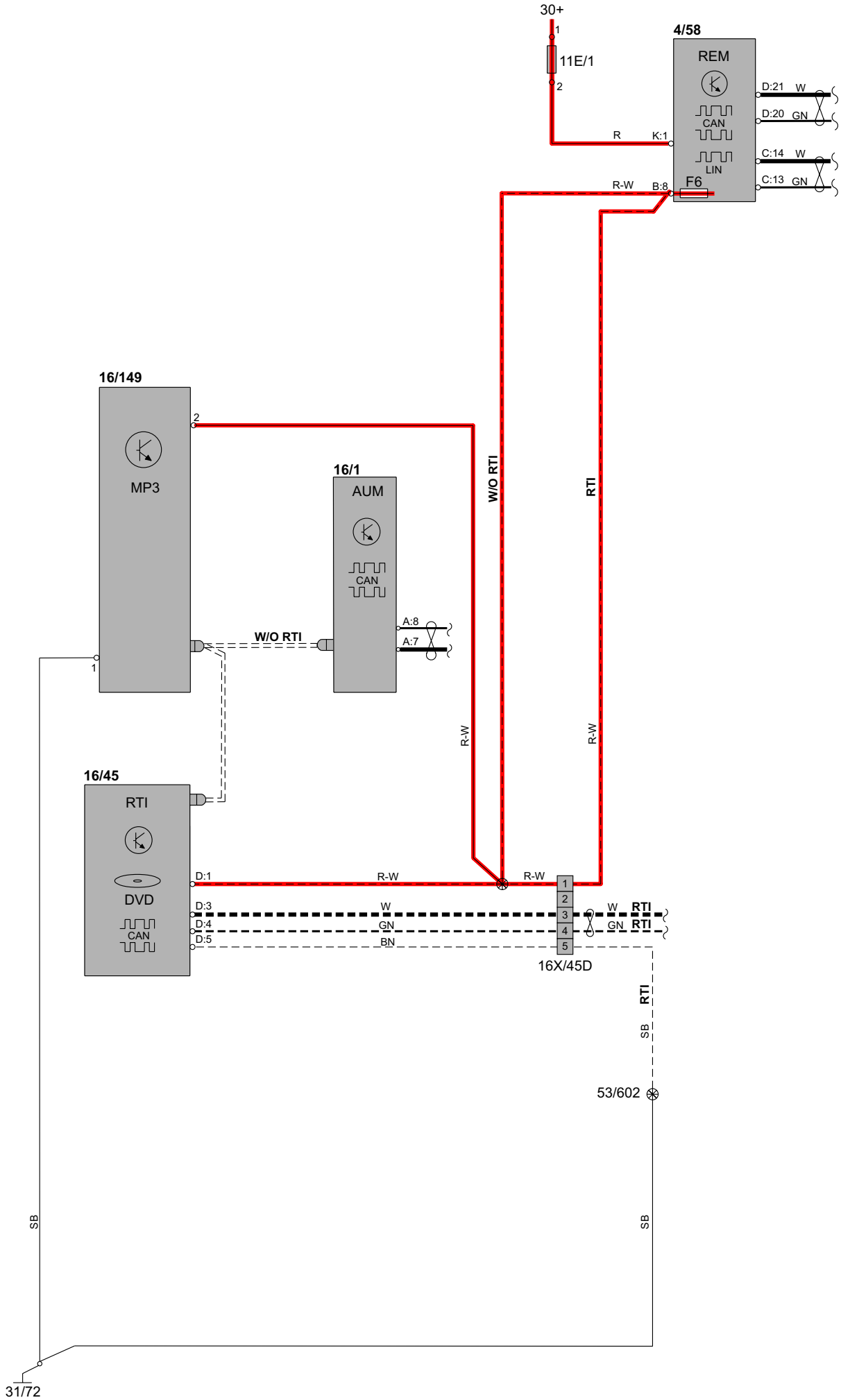

16/105
AUD
D:1
D:2
B:1
B:2
B:3
B:4
B:5
B:6
B:9
B:10
B:11
B:12
B:13
B:16
B:8
GR
RHD
LHD
GR-R
GR-W
16X/105B
VO
W
54/112
VO-W
VO
BN
54X/112
GR
GR-SB
Y
BL
R
SB
16/93
MAX
16/127
2
1
W
SB
4/78
AEM
A:4
A:3
CAN
16/126
16/64

Group 39 Other, Accessories
CD changer V70

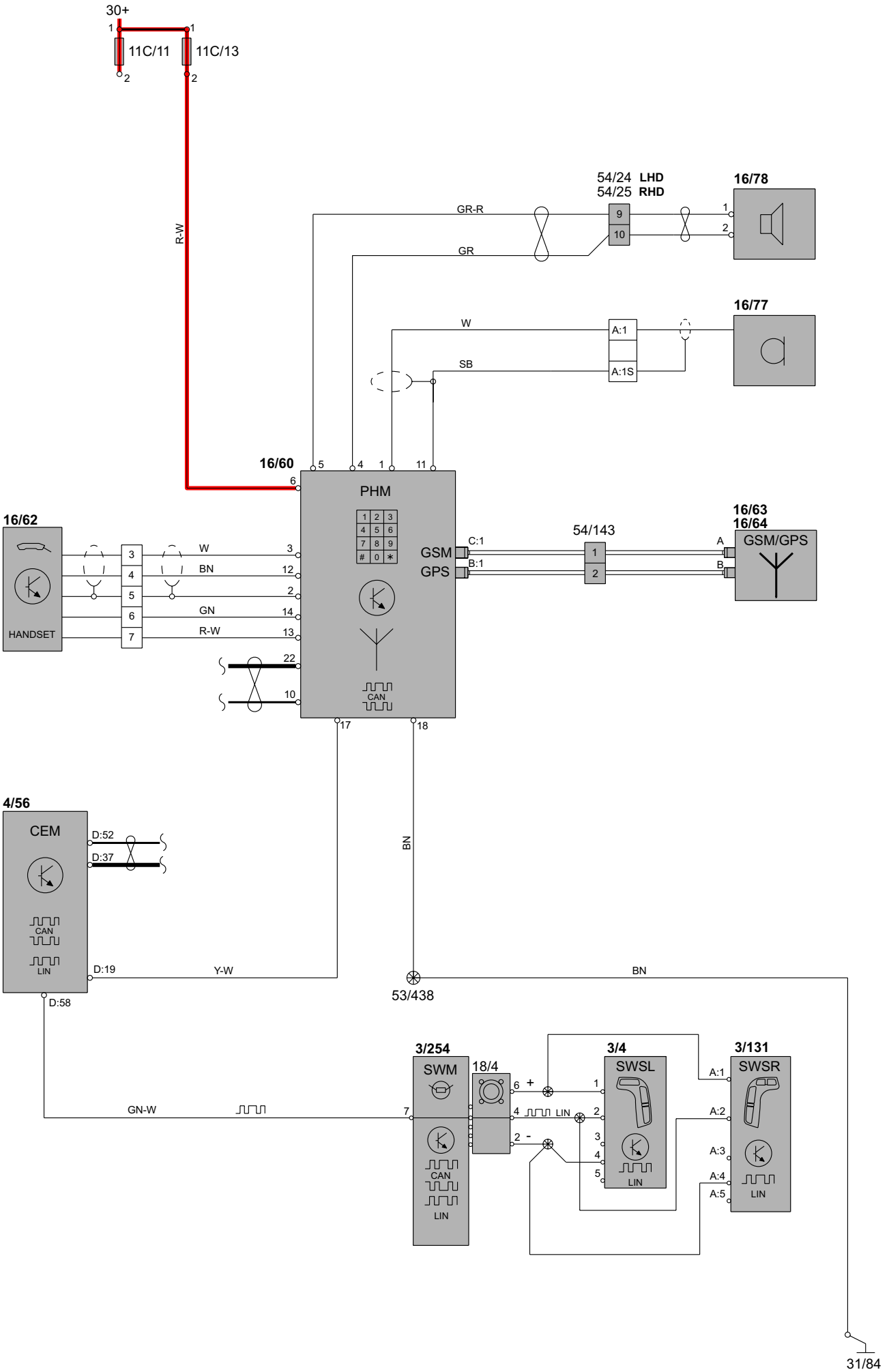


Group 39 Other, Accessories
RTI & CD changer V70

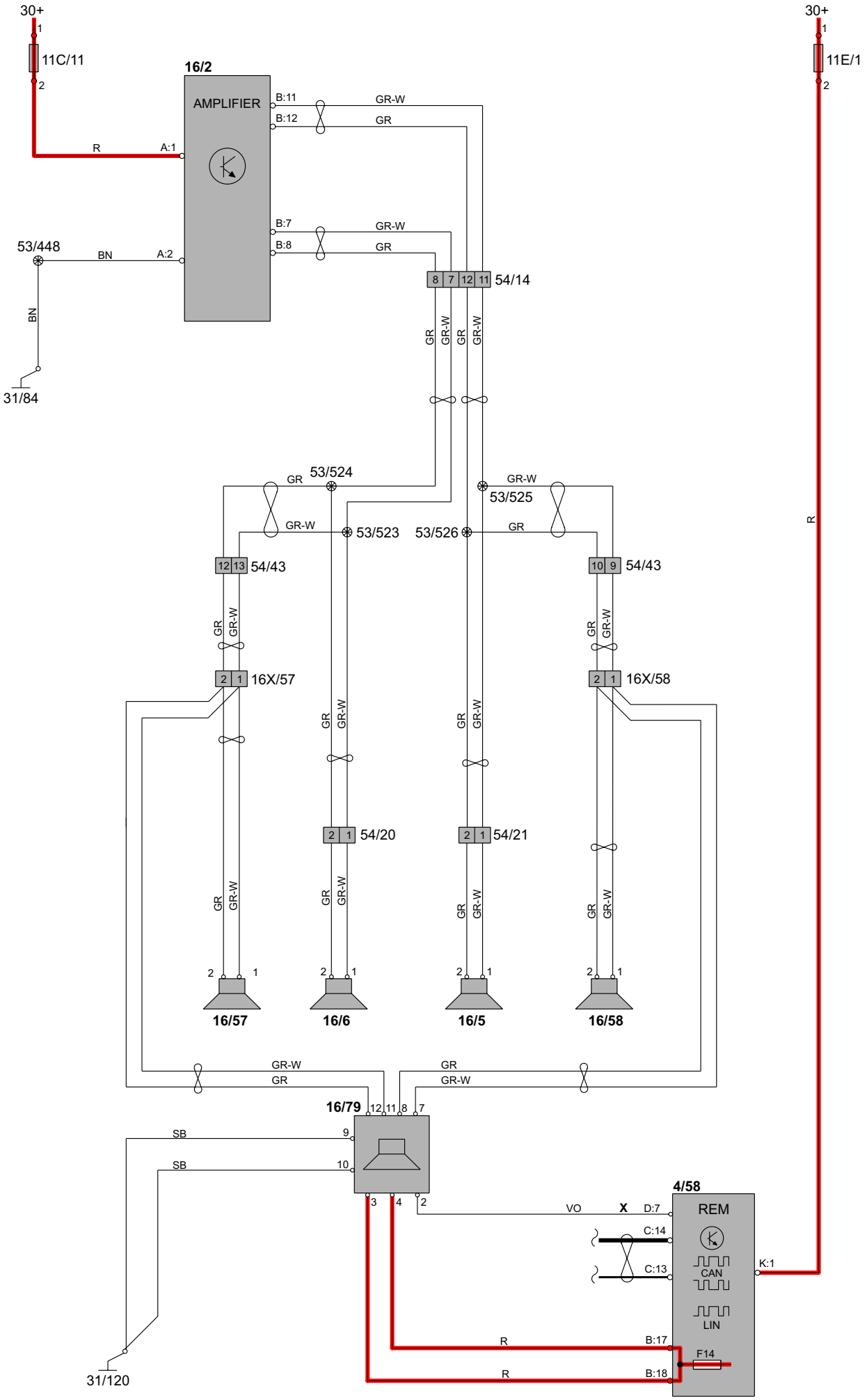


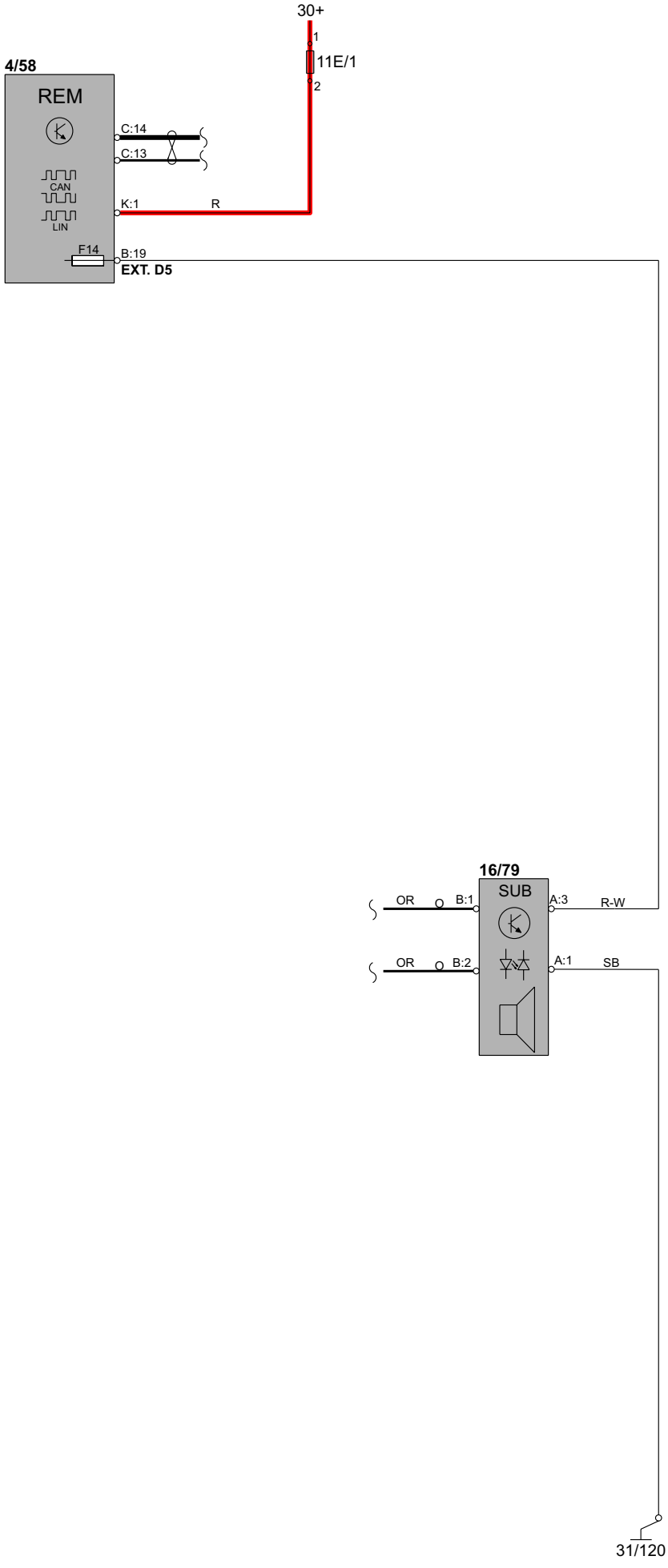

30+
1
11E/1
2
4/58
REM
CAN
LIN
F6
D:21 W
D:20 GN
C:14 W
C:13 GN
R
K:1
R-W
B:8
16/149
MP3
2
1
16/1
AUM
CAN
A:8
A:7
W/O RTI
W/O RTI
RTI
R-W
R-W
R-W
16/45
RTI
DVD
CAN
D:1
D:3
D:4
D:5
R-W
W
GN
BN
1
2
3
4
5
W
GN
RTI
RTI
16X/45D
RTI
SB
53/602
SB
SB
31/72

Group 39 Other
Cellular phone V70

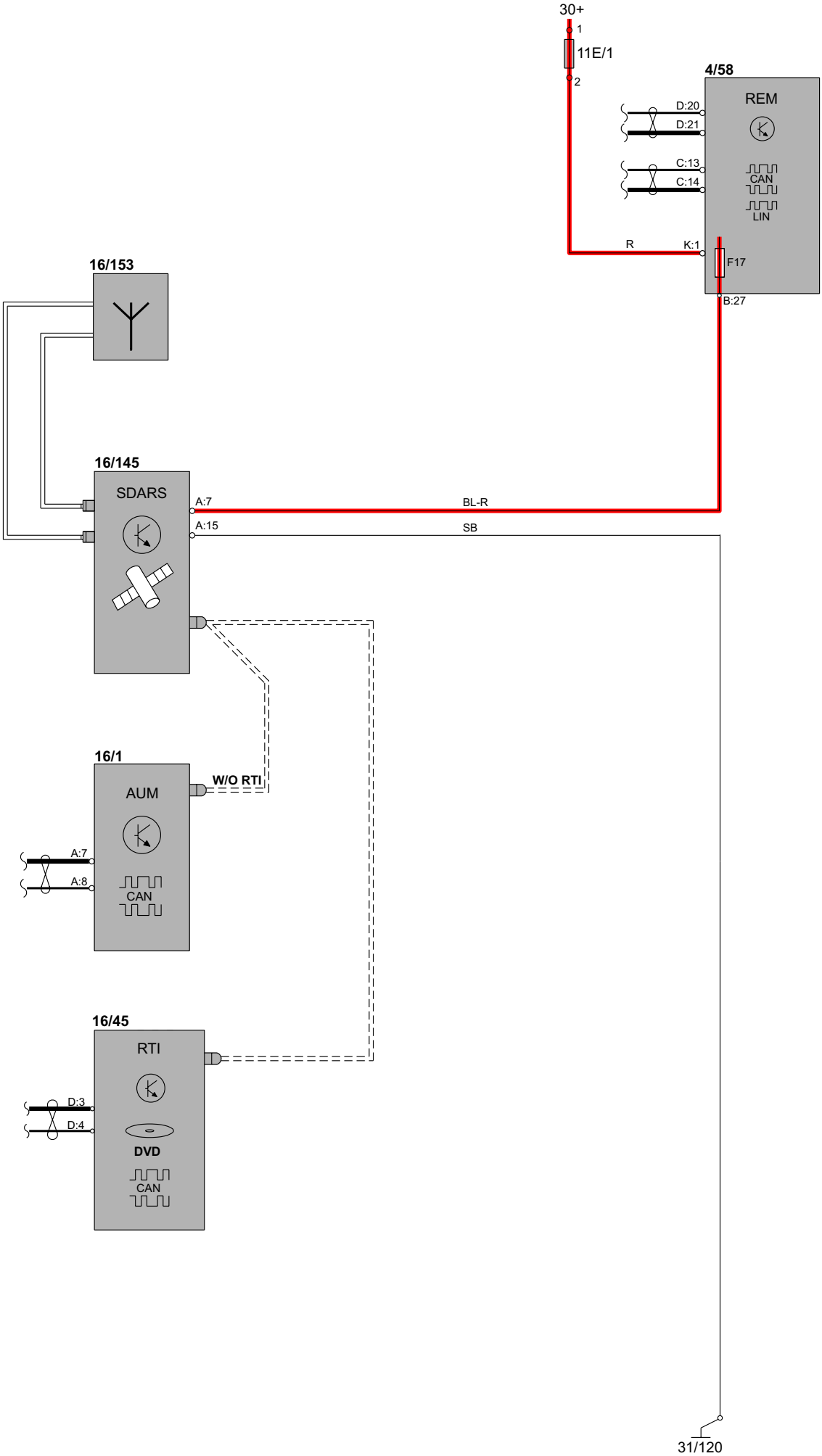


Group 39 Other, Accessories
Subwoofer V70

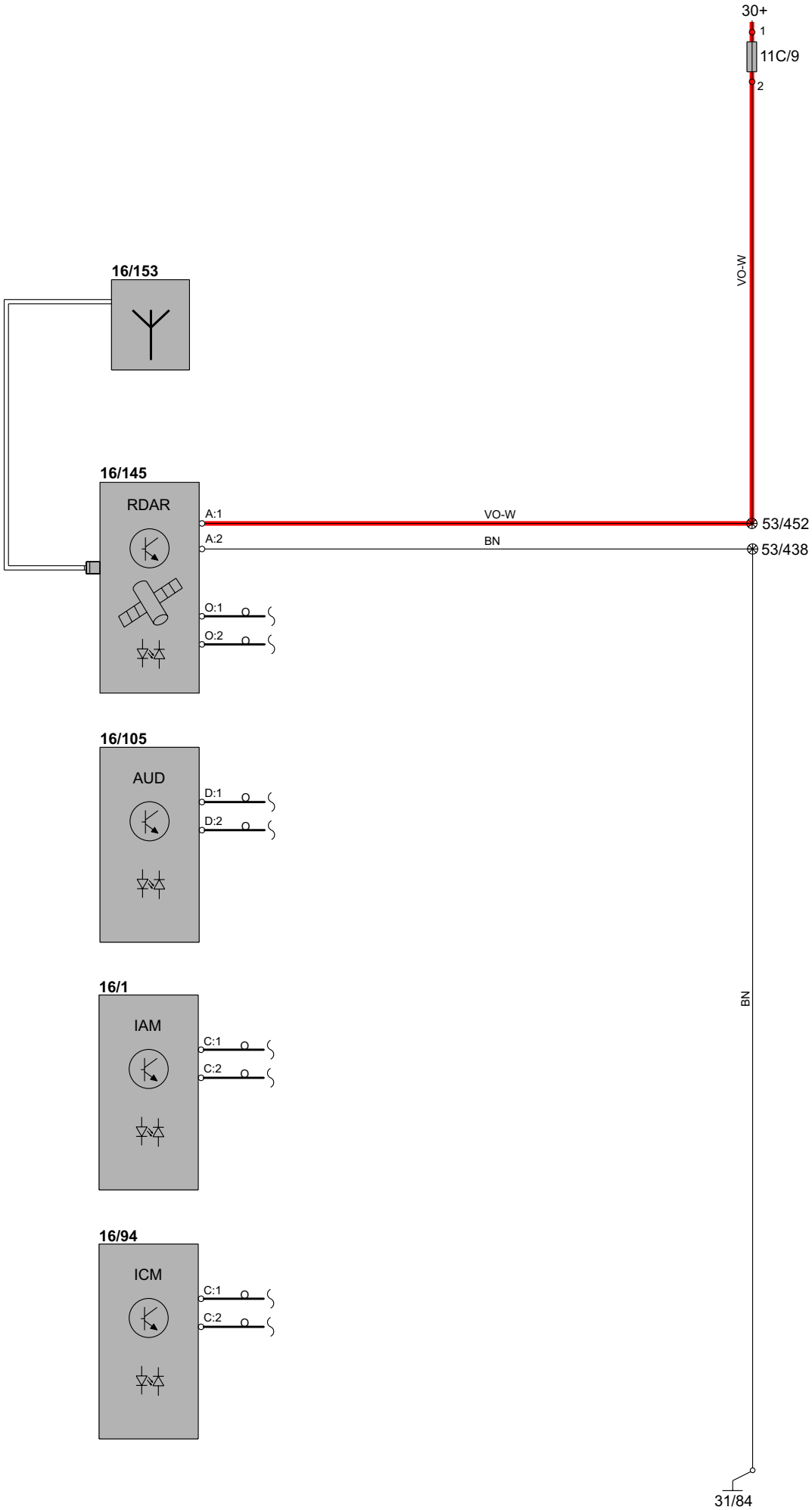


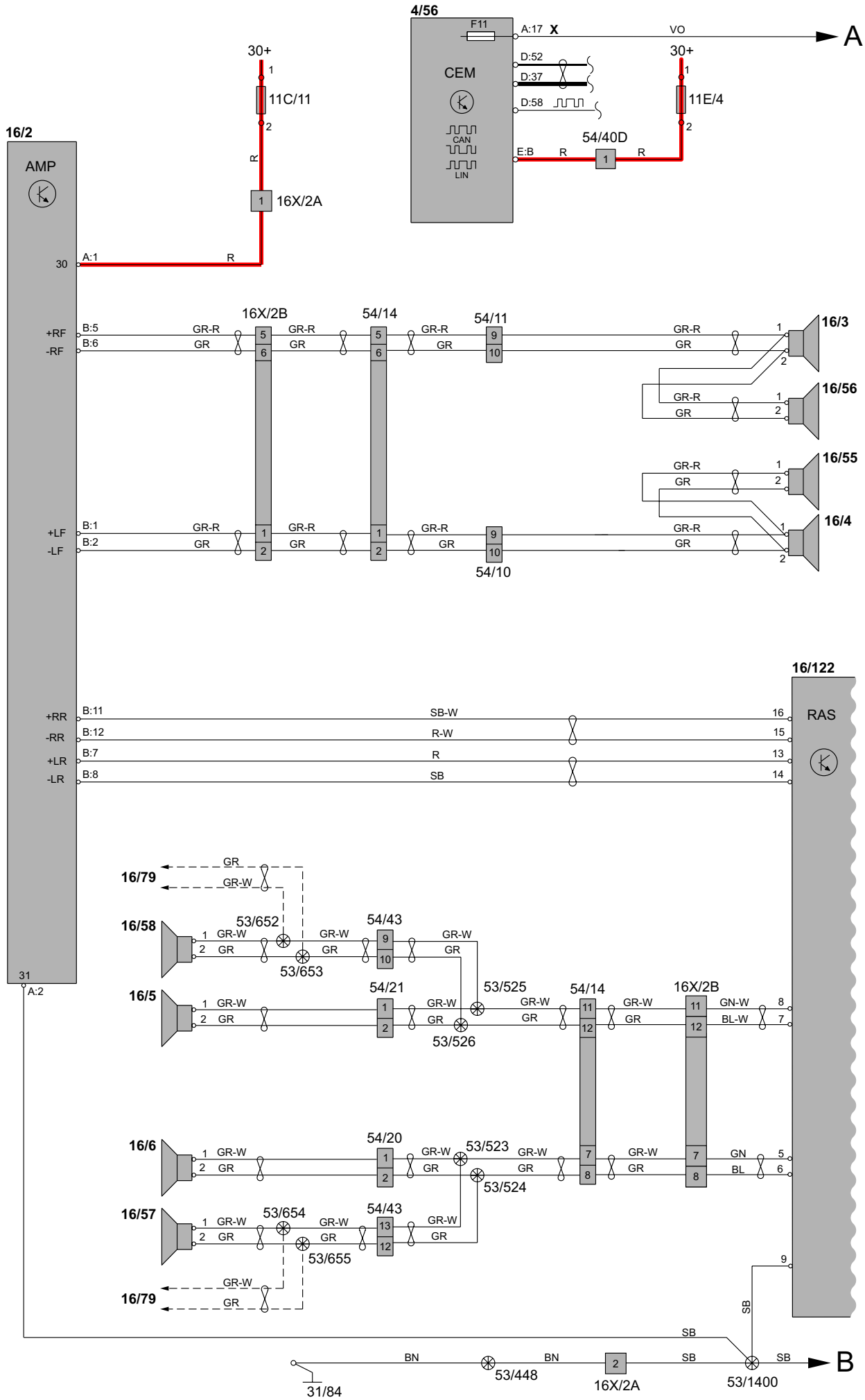

30+
1
11E/1
2
4/58
REM
C:14
C:13
CAN
LIN
K:1
R
F14
B:19
EXT. D5
16/79
SUB
OR
B:1
A:3
R-W
OR
B:2
A:1
SB
31/120

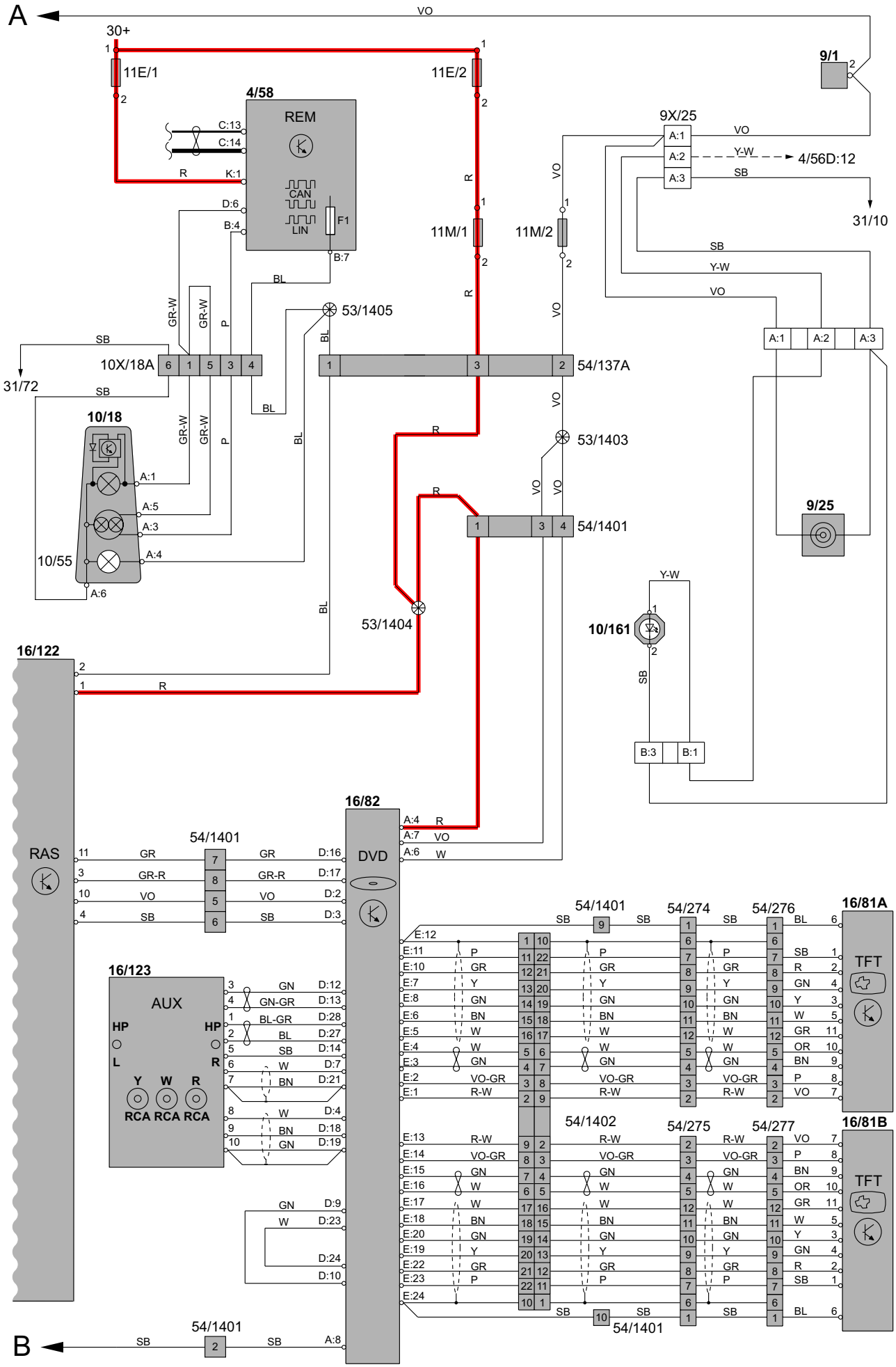
Group 39 Other, Accessories
Satellite radio V70

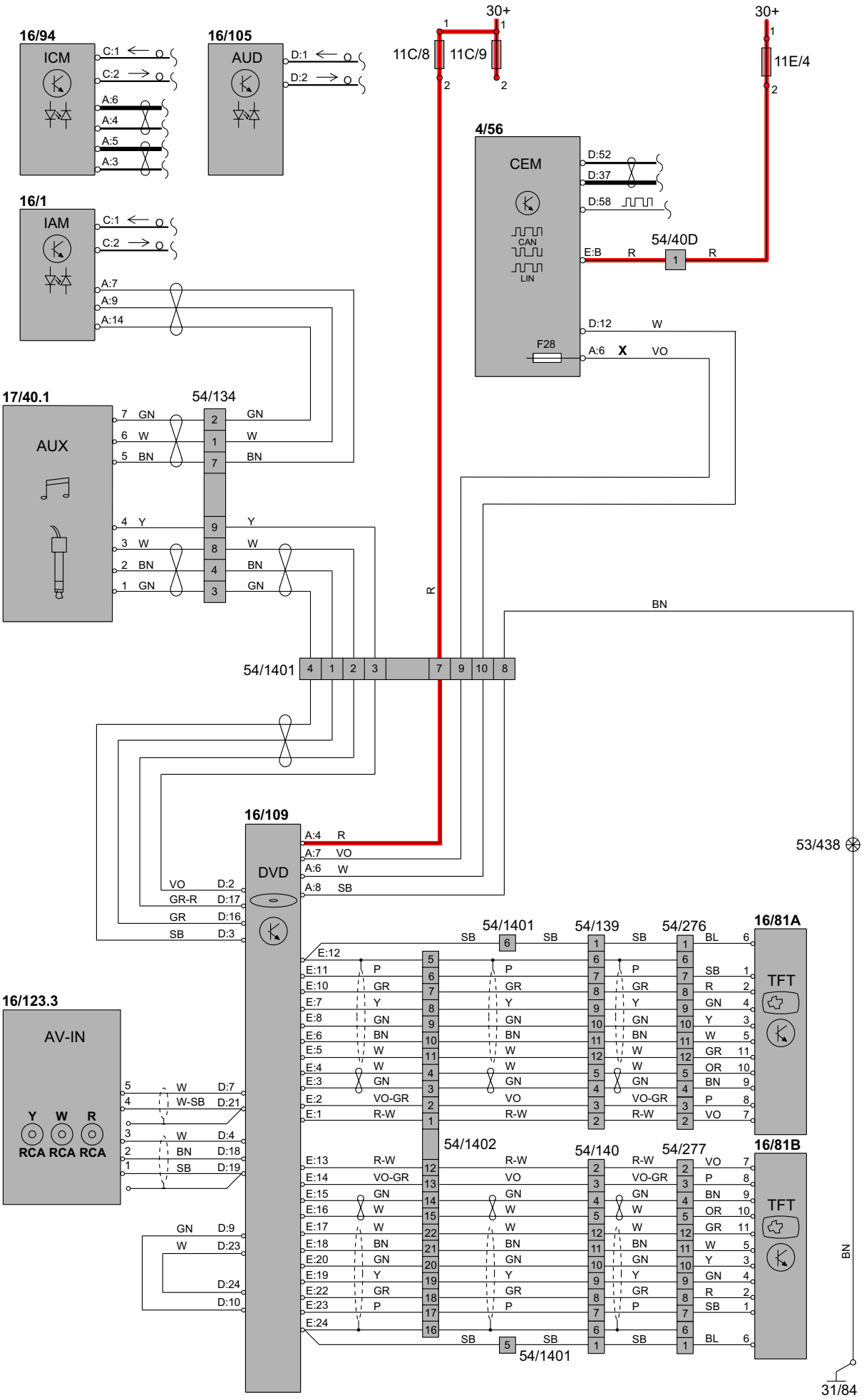


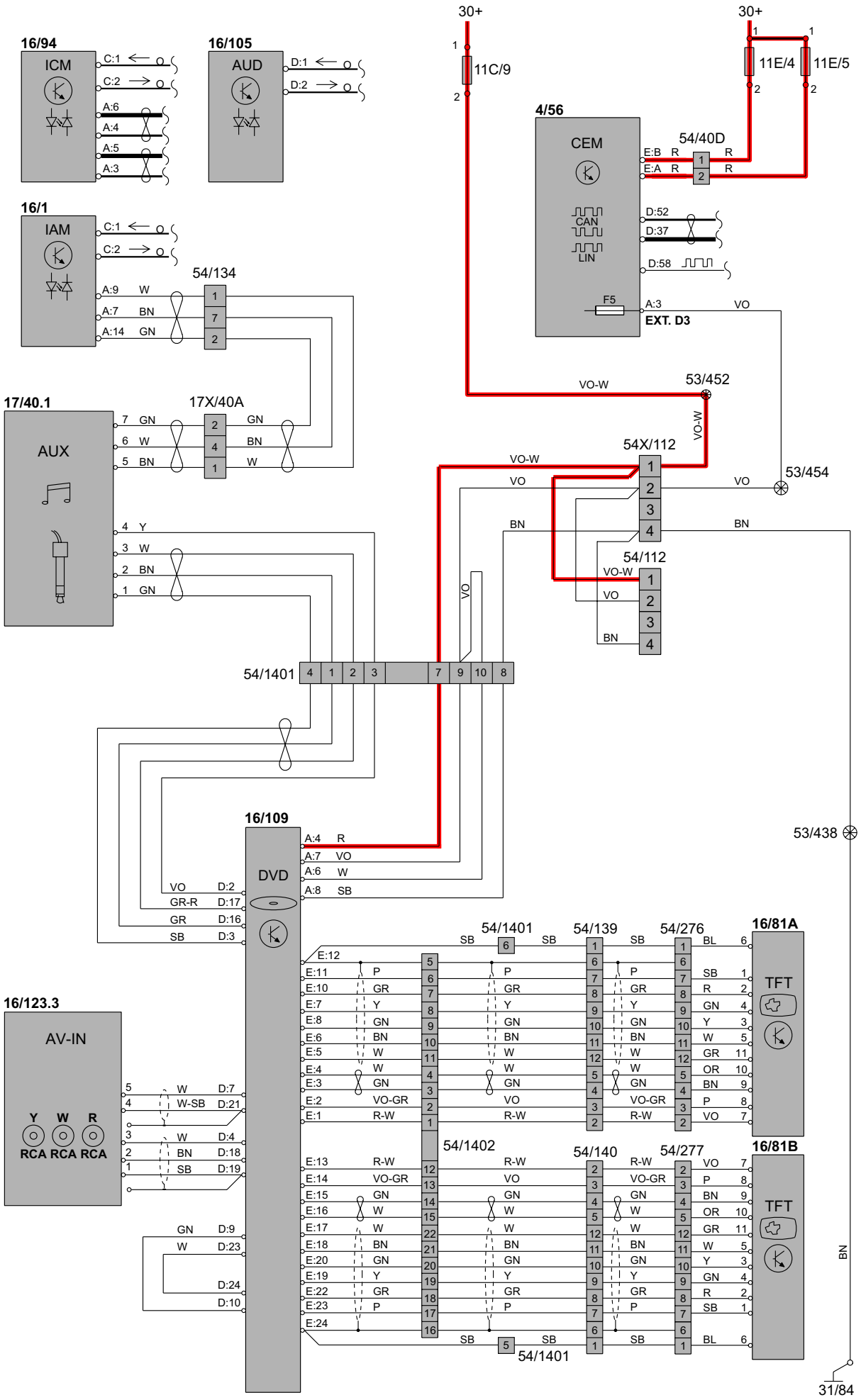
Group 39 Other, Accessories
Satellite radio XC90



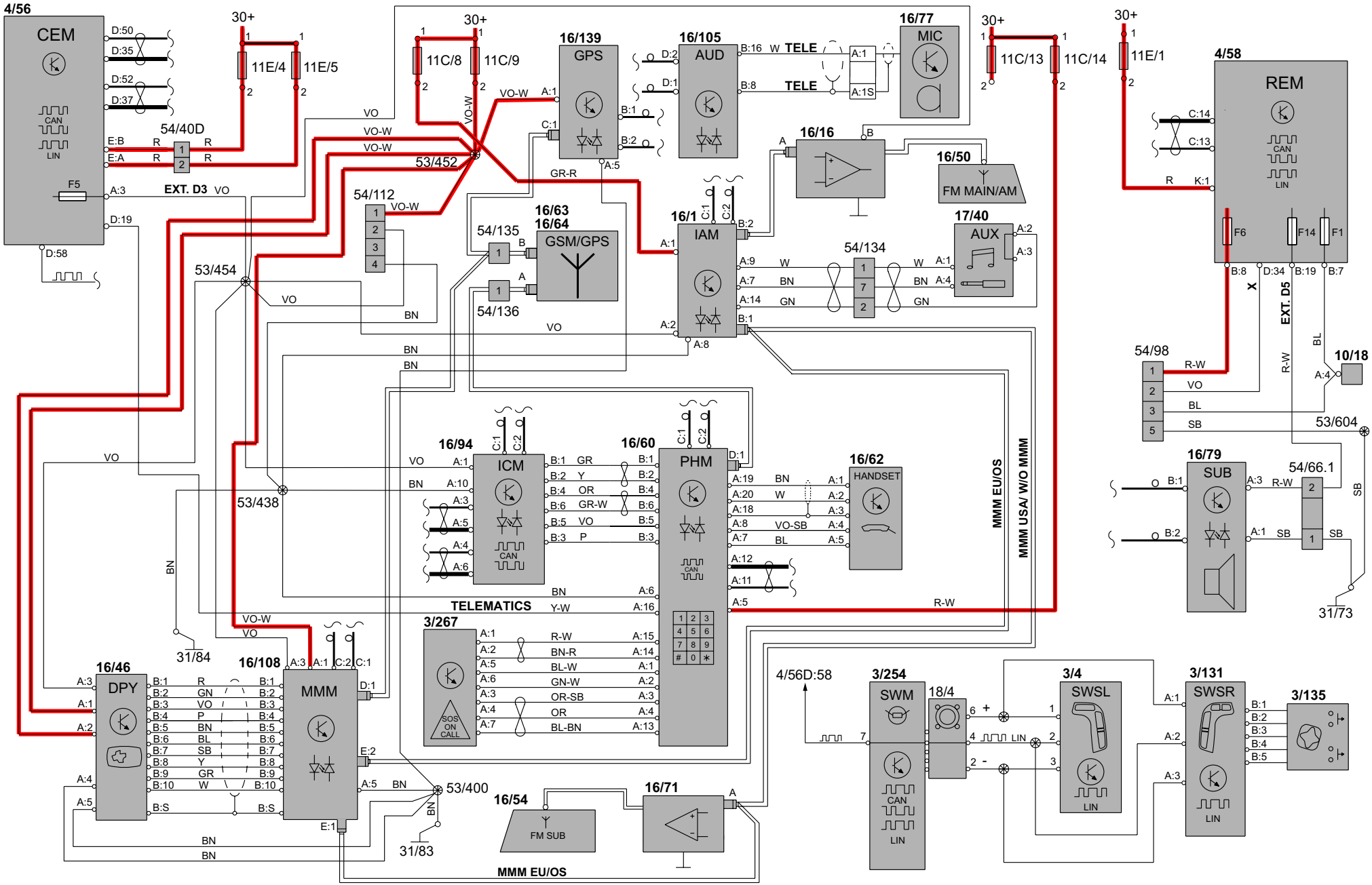

4/56
F11
A:17 X
VO
A
CEM
D:52
D:37
D:58
CAN
LIN
30+
11C/11
11E/4
54/40D
E:B
R
16X/2A
16/2
AMP
30
A:1
+RF
-RF
+LF
-LF
+RR
-RR
+LR
-LR
B:5
B:6
B:1
B:2
B:11
B:12
B:7
B:8
GR-R
GR
16X/2B
54/14
54/11
54/10
16/3
16/56
16/55
16/4
16/122
RAS
SB-W
R-W
R
SB
16/79
16/58
16/5
16/6
16/57
GR-W
53/652
53/653
54/43
54/21
53/525
53/526
54/20
53/523
53/524
53/654
53/655
31
A:2
9
SB
BN
53/448
31/84
53/1400
B


A
VO
30+
11E/1
11E/2
9/1
4/58
REM
C:13
C:14
R
K:1
CAN
LIN
F1
D:6
B:4
B:7
9X/25
A:1
A:2
A:3
Y-W
4/56D:12
SB
31/10
11M/1
11M/2
BL
GR-W
P
53/1405
10X/18A
31/72
54/137A
10/18
53/1403
54/1401
9/25
10/55
53/1404
10/161
B:3
B:1
16/122
RAS
16/82
DVD
GR
GR-R
VO
SB
D:16
D:17
D:2
D:3
16/123
AUX
HP
L
R
Y
W
RCA RCA RCA
GN
GN-GR
BL-GR
BL
W
BN
D:12
D:13
D:28
D:27
D:14
D:7
D:21
D:4
D:18
D:19
D:9
D:23
D:24
D:10
54/274
54/276
16/81A
TFT
54/1402
54/275
54/277
16/81B
B
A:8

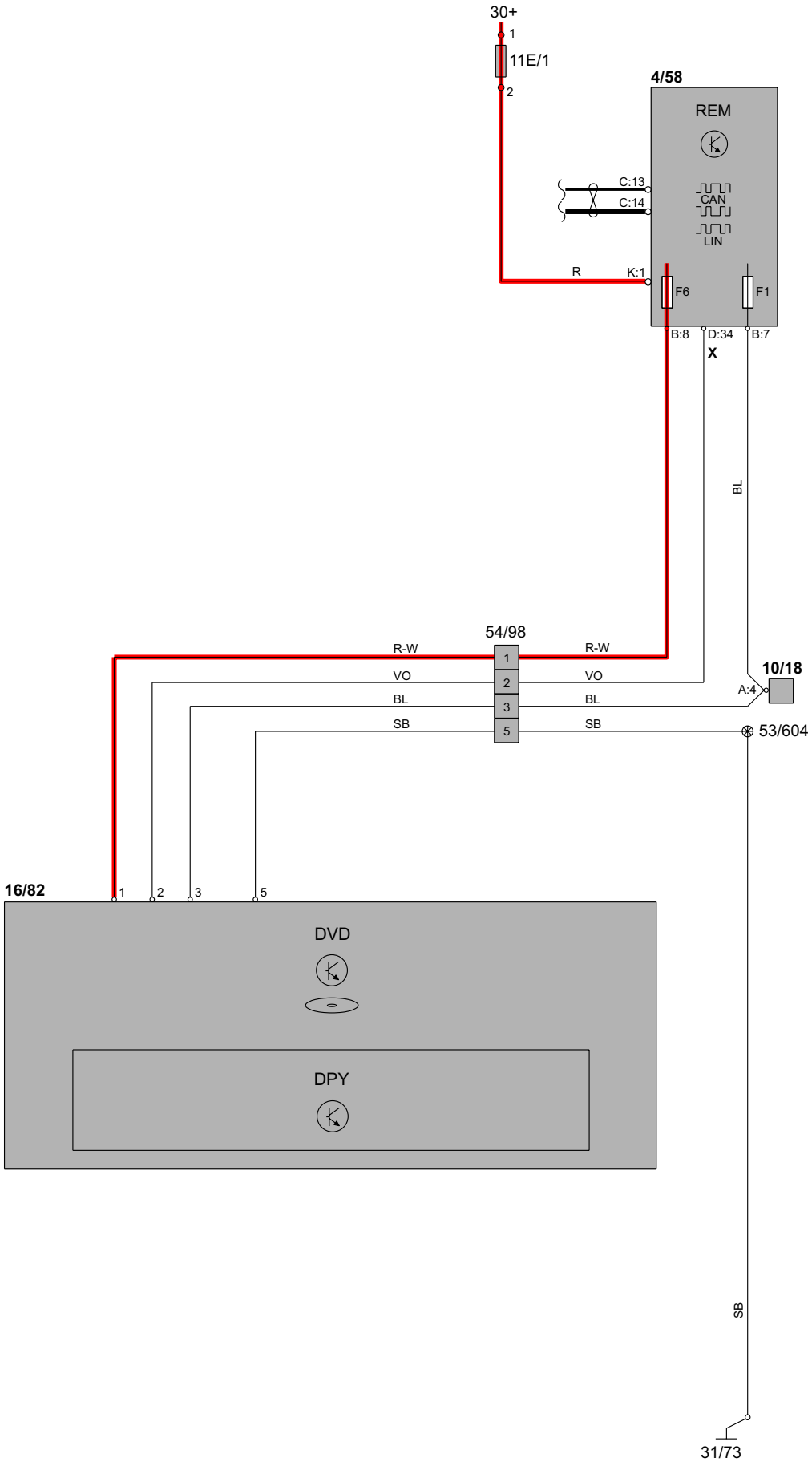

16/94
ICM
C:1
C:2
A:6
A:4
A:5
A:3
16/105
AUD
D:1
D:2
30+
11C/8
11C/9
30+
11E/4
4/56
CEM
D:52
D:37
D:58
CAN
LIN
54/40D
E:B
R
R
16/1
IAM
C:1
C:2
A:7
A:9
A:14
D:12
W
F28
A:6
X
VO
17/40.1
AUX
54/134
7 GN
6 W
5 BN
4 Y
3 W
2 BN
1 GN
R
BN
54/1401
16/109
DVD
A:4 R
A:7 VO
A:6 W
A:8 SB
VO D:2
GR-R D:17
GR D:16
SB D:3
53/438
54/1401
54/139
54/276
16/81A
TFT
54/1402
54/140
54/277
16/81B
TFT
16/123.3
AV-IN
Y W R
RCA RCA RCA
W D:7
W-SB D:21
W D:4
BN D:18
SB D:19
GN D:9
W D:23
D:24
D:10
BN
31/84


16/94
ICM
C:1
C:2
A:6
A:4
A:5
A:3
16/105
AUD
D:1
D:2
16/1
IAM
C:1
C:2
A:9 W
A:7 BN
A:14 GN
54/134
1
7
2
17/40.1
AUX
7 GN
6 W
5 BN
4 Y
3 W
2 BN
1 GN
17X/40A
2 GN
4 BN
1 W
30+
1
11C/9
2
4/56
CEM
CAN
LIN
E:B R
E:A R
54/40D
1
2
R
R
30+
1
11E/4
2
1
11E/5
2
D:52
D:37
D:58
F5
A:3 VO
EXT. D3
VO-W
53/452
VO-W
54X/112
1
2
3
4
VO
53/454
VO
BN
BN
54/112
VO-W
1
VO
2
BN
3
4
VO
54/1401
4
1
2
3
7
9
10
8
16/109
DVD
A:4 R
A:7 VO
A:6 W
A:8 SB
VO D:2
GR-R D:17
GR D:16
SB D:3
53/438
54/1401
SB
6
SB
54/139
SB
54/276
BL
6
E:12
E:11 P
E:10 GR
E:7 Y
E:8 GN
E:6 BN
E:5 W
E:4 W
E:3 GN
E:2 VO-GR
E:1 R-W
5
6
7
8
9
10
11
4
3
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1
1
6
7
8
9
10
11
12
5
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3
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1
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11
12
1
2
3
4
5
6
SB 1
R 2
GN 4
Y 3
W 5
GR 11
OR 10
BN 9
P 8
VO 7
16/81A
TFT
16/123.3
AV-IN
Y W R
RCA RCA RCA
5 W D:7
4 W-SB D:21
3 W D:4
2 BN D:18
1 SB D:19
GN D:9
W D:23
D:24
D:10
54/1402
E:13 R-W
E:14 VO-GR
E:15 GN
E:16 W
E:17 W
E:18 BN
E:20 GN
E:19 Y
E:22 GR
E:23 P
E:24
12
13
14
15
22
21
20
19
18
17
16
54/140
54/277
VO 7
P 8
BN 9
OR 10
GR 11
W 5
Y 3
GN 4
R 2
SB 1
BL 6
16/81B
TFT
SB
5
SB
54/1401
BN
31/84

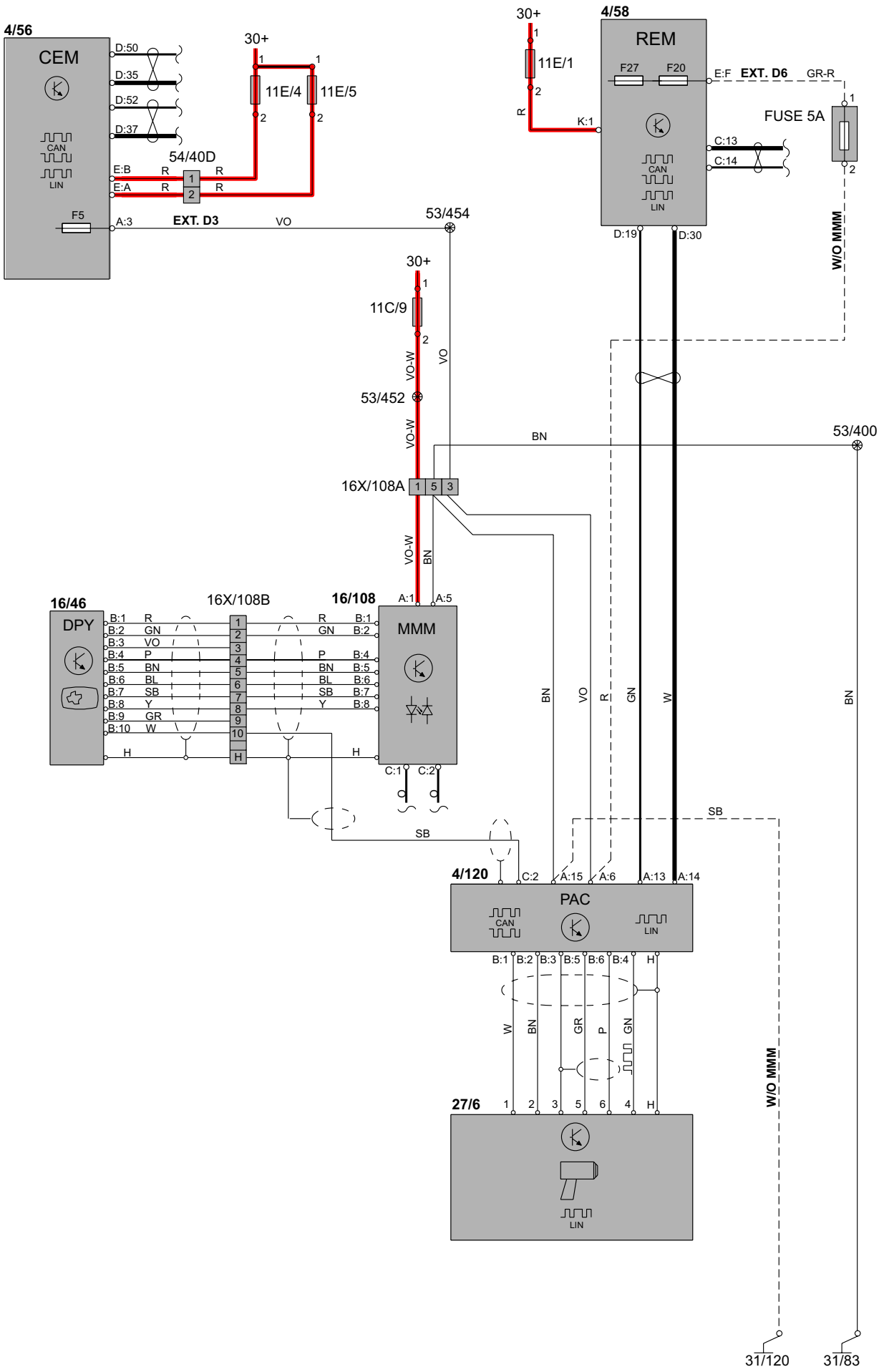
Group 39 Other
Infotainment XC90

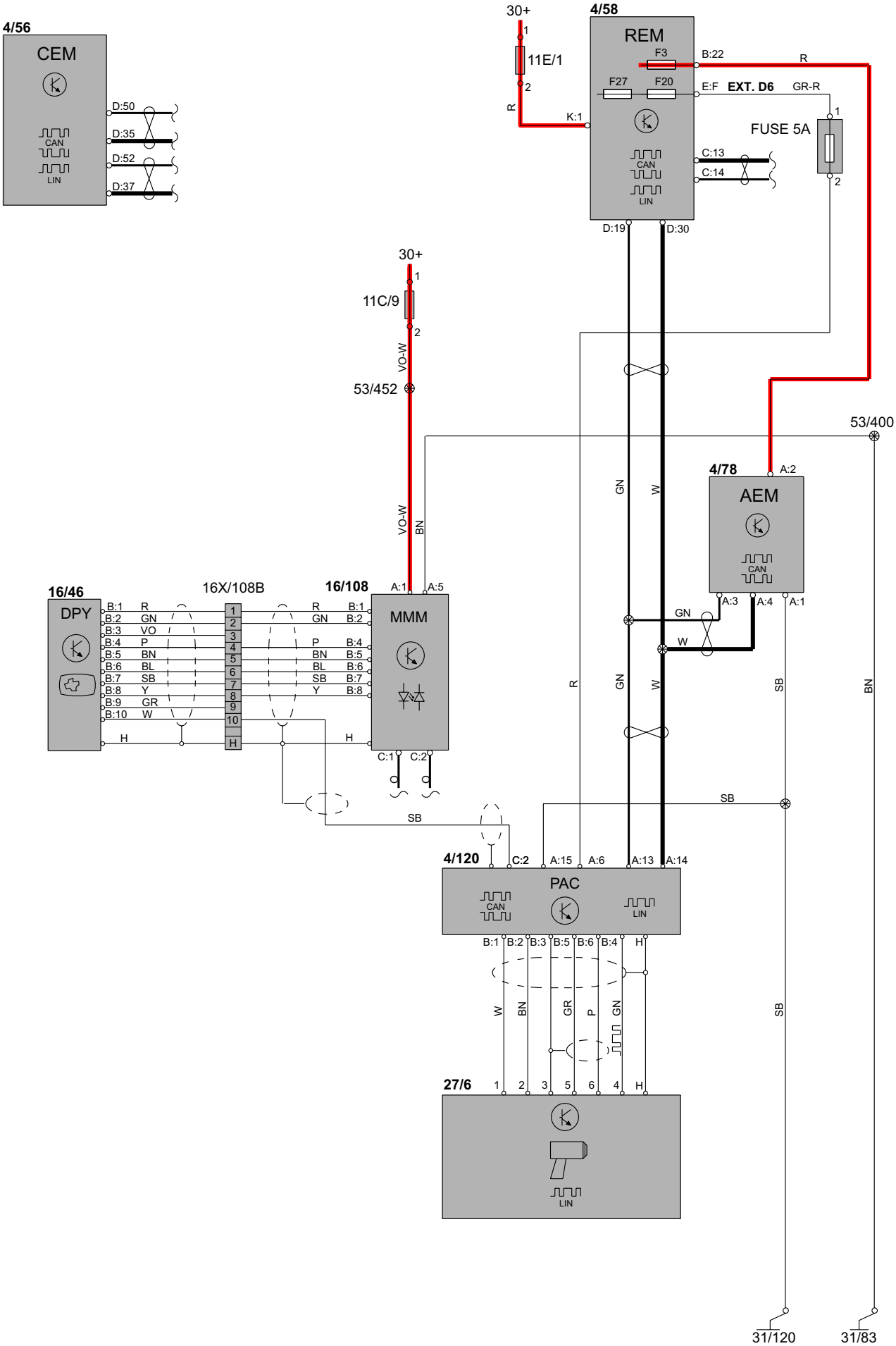


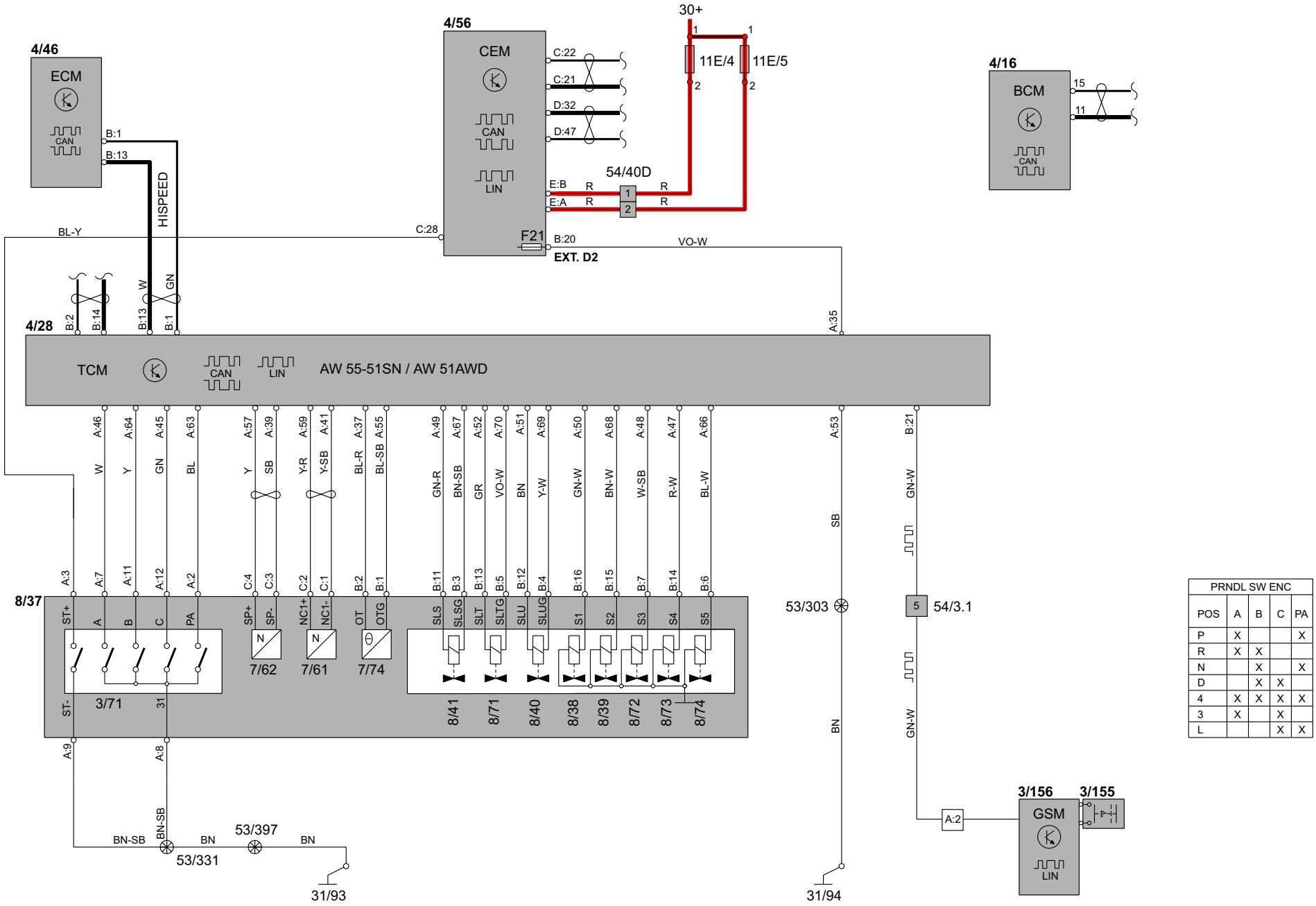
Group 39 Other, Accessories
Rear seat entertainment roof mounted XC90



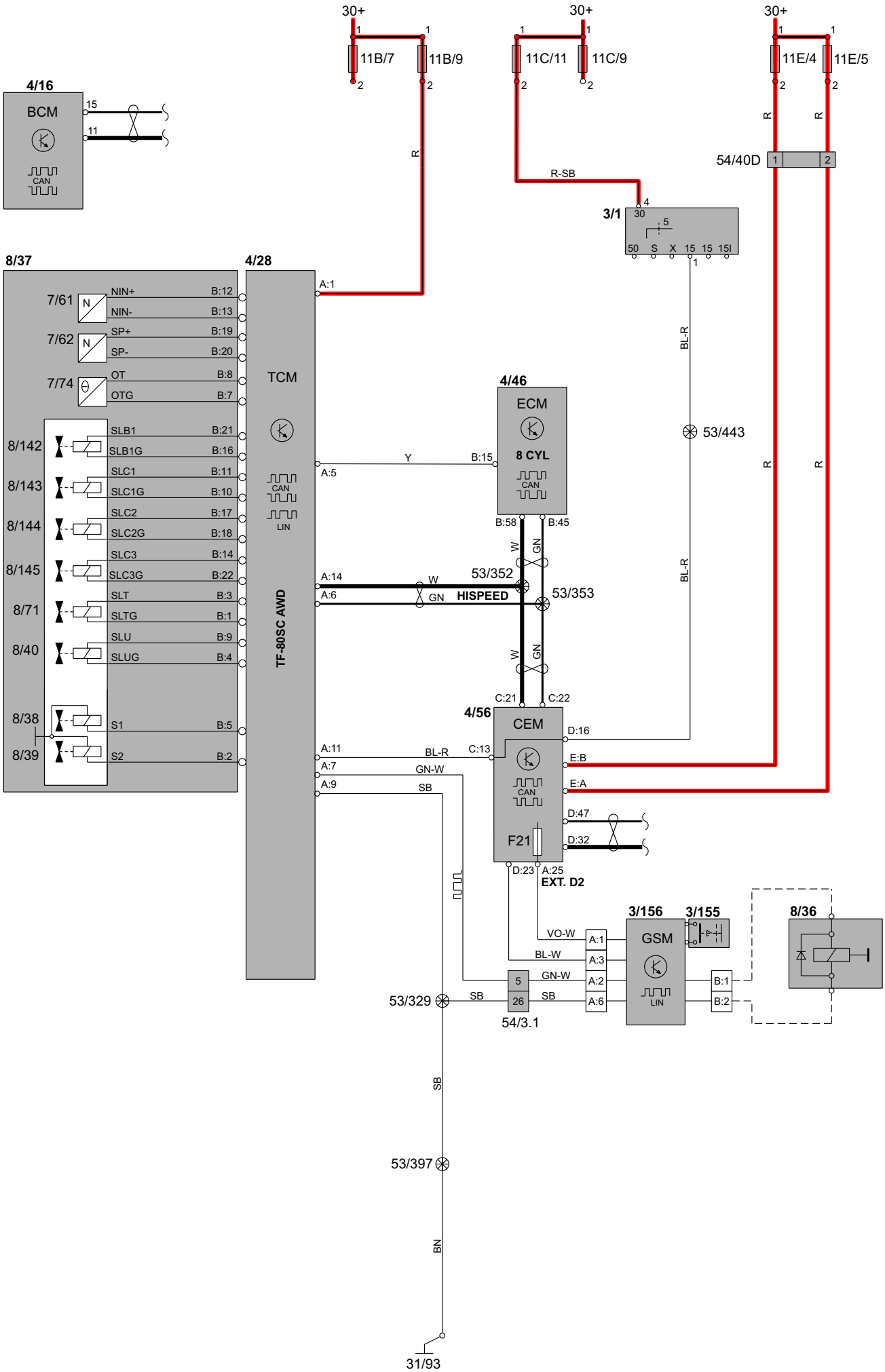
Group 39 Other, Accessories
Parking camera, XC90

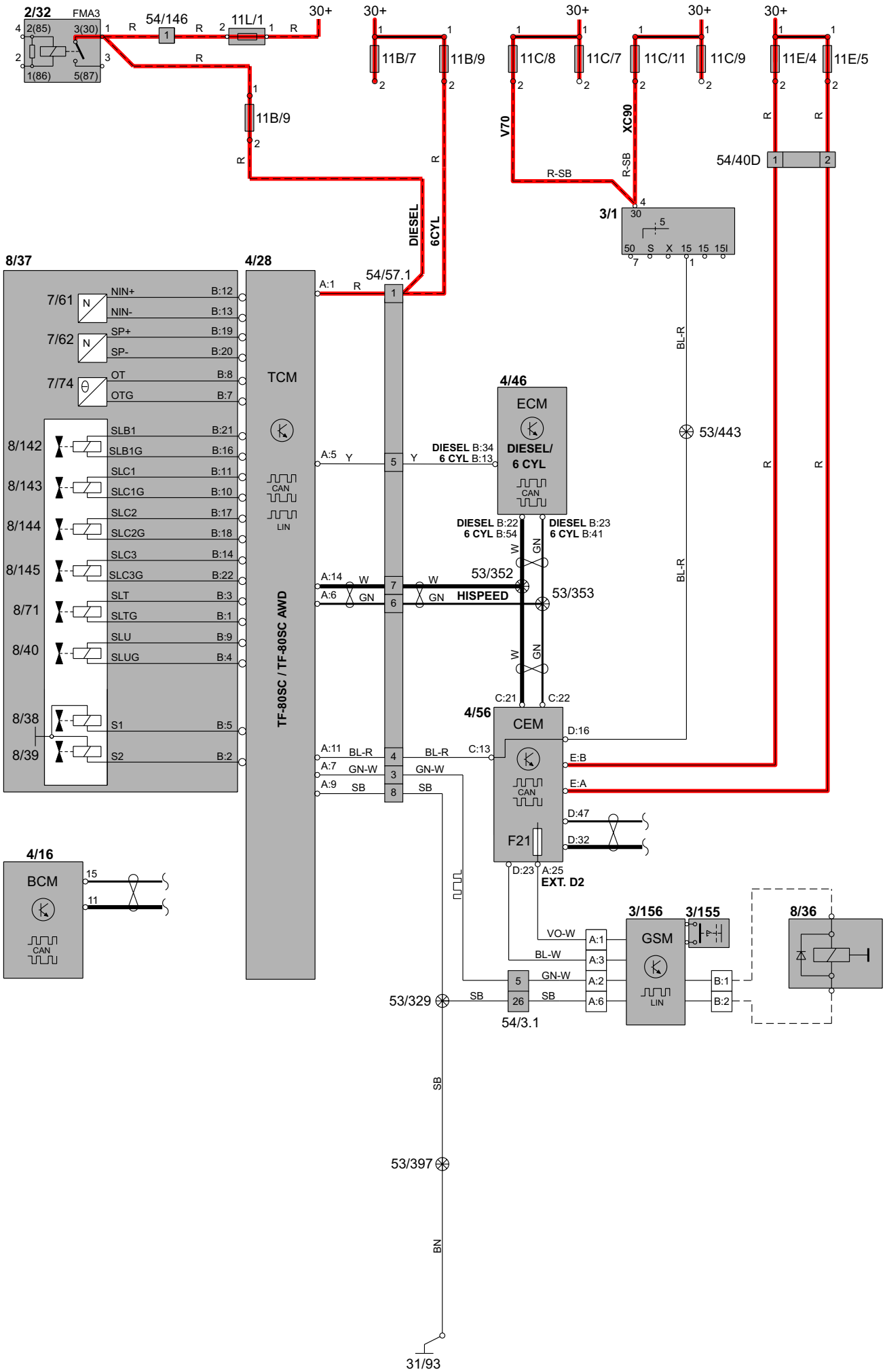


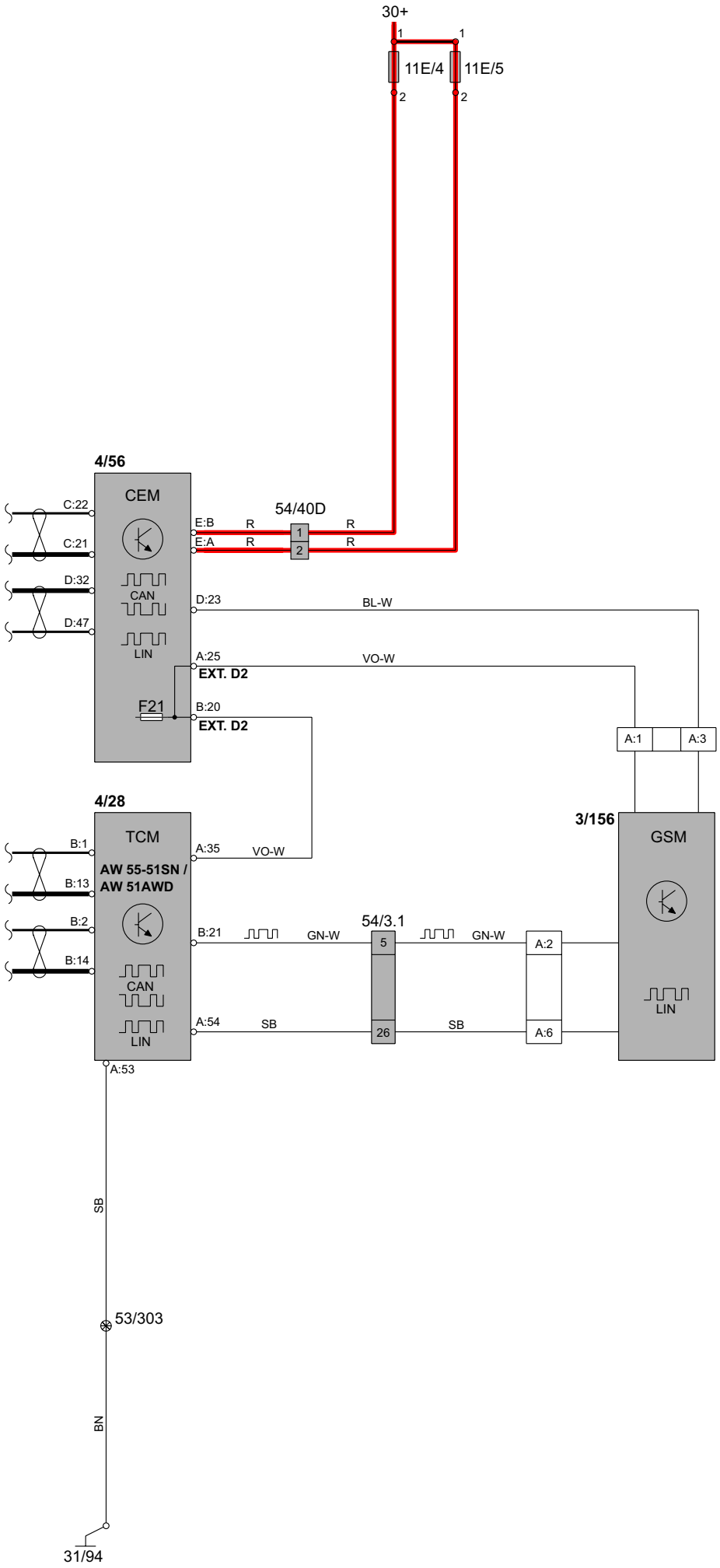

4/56
CEM
D:50
D:35
D:52
D:37
CAN
LIN
30+
11E/1
4/58
REM
F3
F27
F20
B:22
E:F
EXT. D6
GR-R
R
K:1
FUSE 5A
C:13
C:14
D:19
D:30
30+
11C/9
VO-W
53/452
53/400
4/78
AEM
A:2
A:3
A:4
A:1
GN
W
BN
SB
16/46
DPY
16X/108B
16/108
MMM
A:1
A:5
C:1
C:2
4/120
PAC
A:15
A:6
A:13
A:14
27/6
31/120
31/83

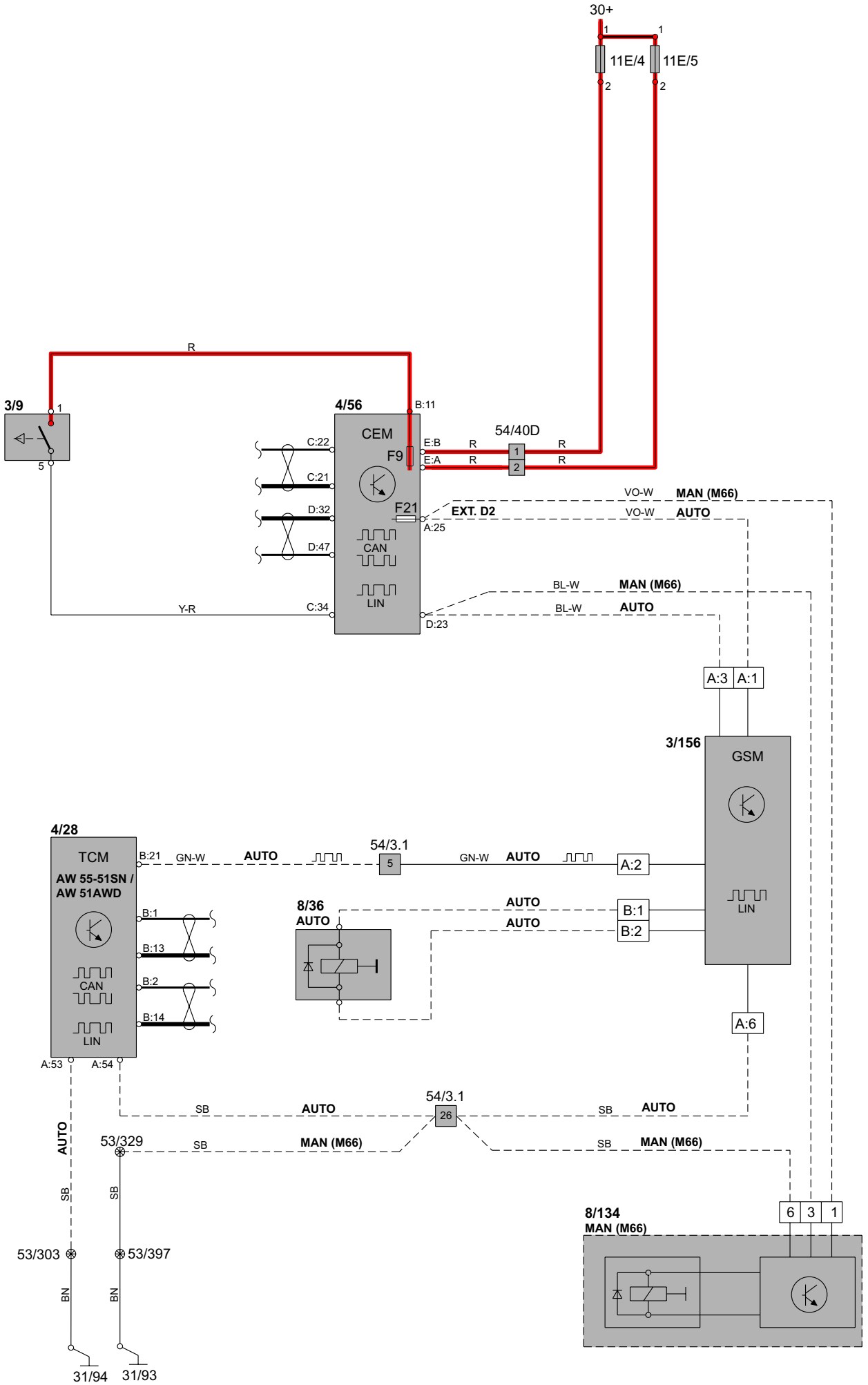


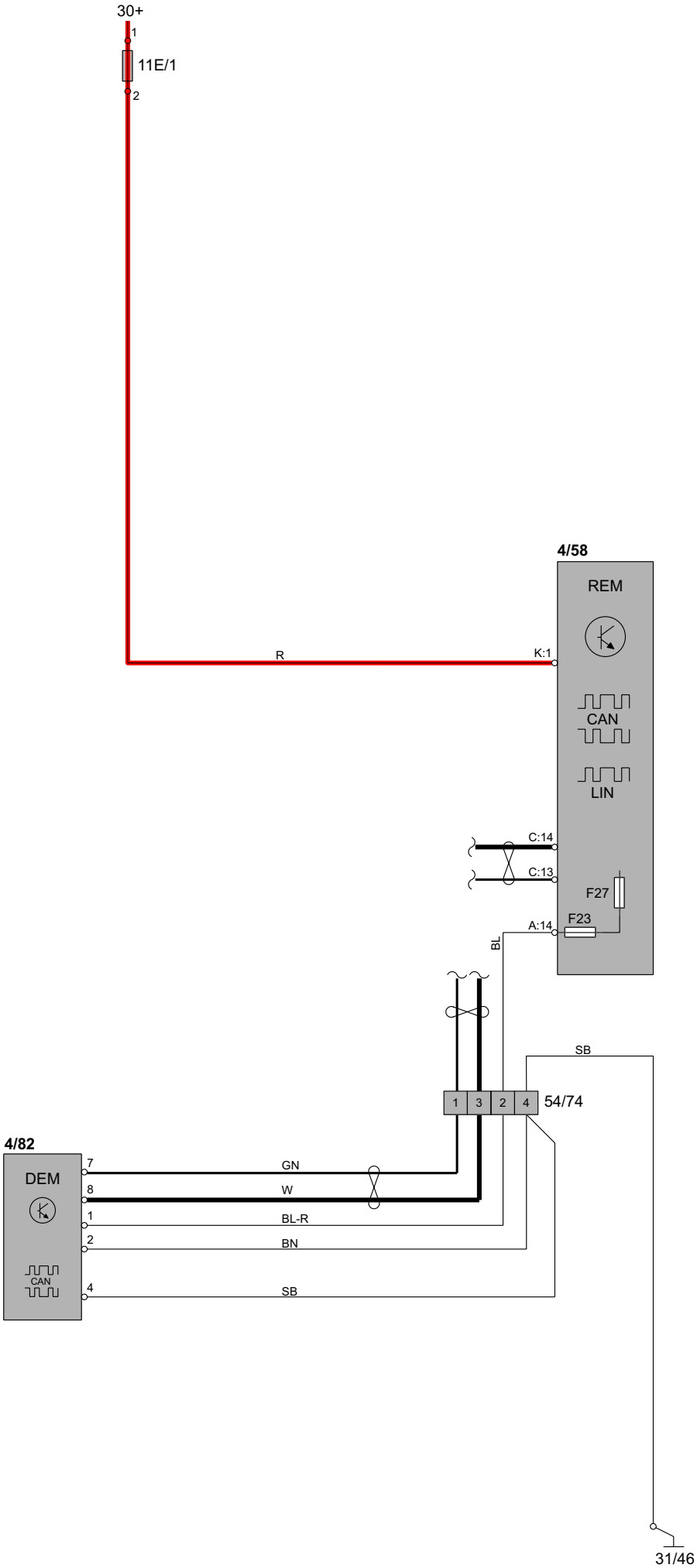
PRNDL SW ENC				
POS	A	B	C	PA
P	X			X
R	X	X		
N		X		X
D		X	X	
4	X	X	X	X
3	X		X	
L			X	X

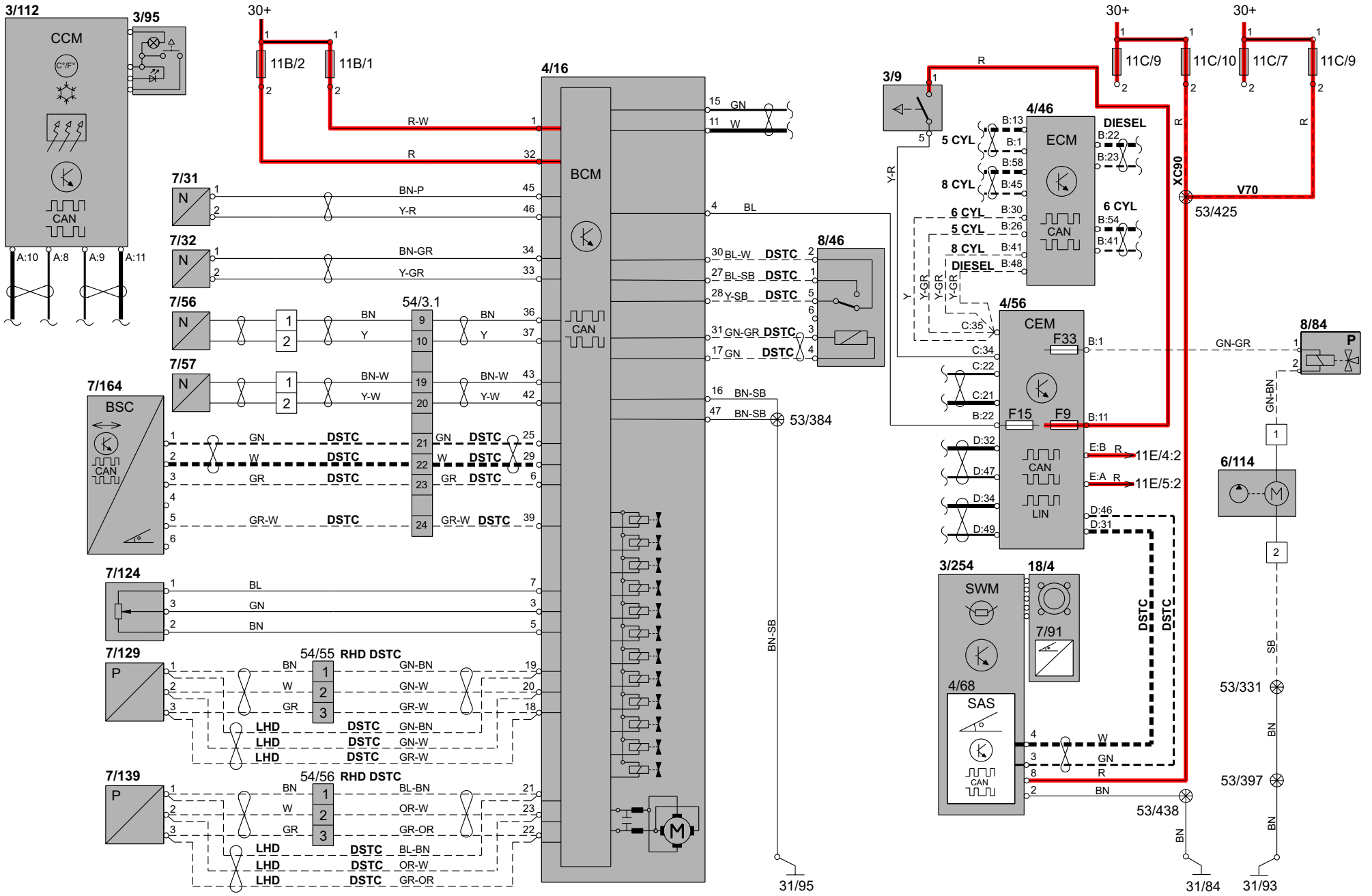

30+
11B/7
11B/9
11C/11
11C/9
11E/4
11E/5
4/16
BCM
CAN
15
11
R
R-SB
54/40D
3/1
30
5
50 S X 15 15 15I
8/37
4/28
7/61
NIN+
NIN-
B:12
B:13
7/62
SP+
SP-
B:19
B:20
7/74
OT
OTG
B:8
B:7
TCM
CAN
LIN
TF-80SC AWD
A:1
4/46
ECM
8 CYL
CAN
B:15
A:5
Y
B:58
B:45
W
GN
53/352
53/353
A:14
A:6
HISPEED
53/443
BL-R
8/142
SLB1
SLB1G
B:21
B:16
8/143
SLC1
SLC1G
B:11
B:10
8/144
SLC2
SLC2G
B:17
B:18
8/145
SLC3
SLC3G
B:14
B:22
8/71
SLT
SLTG
B:3
B:1
8/40
SLU
SLUG
B:9
B:4
8/38
8/39
S1
S2
B:5
B:2
C:21
C:22
4/56
CEM
CAN
F21
D:16
E:B
E:A
D:47
D:32
D:23
A:25
EXT. D2
A:11
A:7
A:9
BL-R
GN-W
SB
C:13
3/156
3/155
GSM
LIN
VO-W
BL-W
GN-W
SB
A:1
A:3
A:2
A:6
B:1
B:2
5
26
53/329
54/3.1
8/36
53/397
BN
31/93

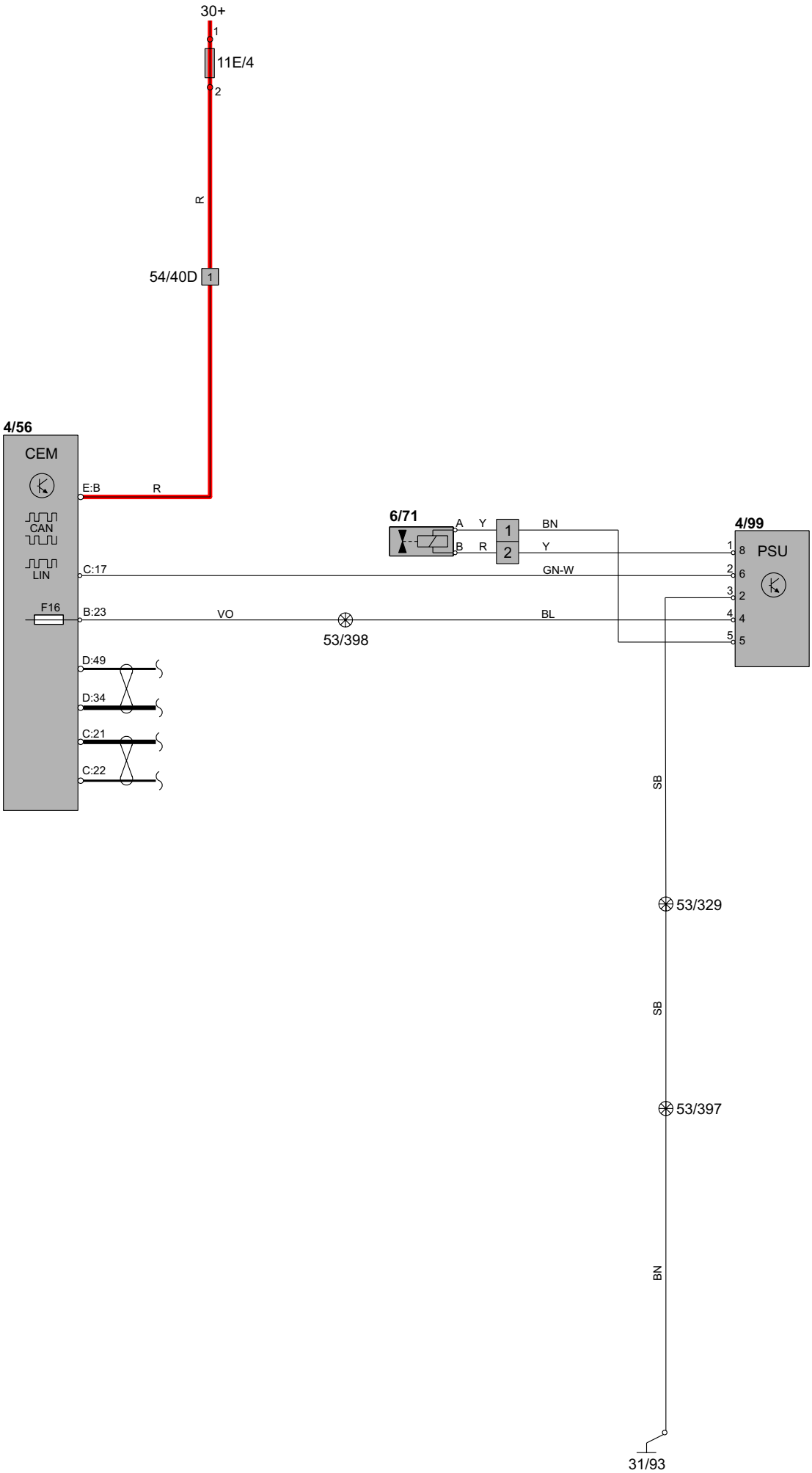

2/32
FMA3
54/146
11L/1
30+
11B/7
11B/9
11C/8
11C/7
11C/11
11C/9
11E/4
11E/5
V70
XC90
R-SB
54/40D
3/1
DIESEL
6CYL
8/37
4/28
54/57.1
7/61
NIN+
NIN-
7/62
SP+
SP-
7/74
OT
OTG
8/142
SLB1
SLB1G
8/143
SLC1
SLC1G
8/144
SLC2
SLC2G
8/145
SLC3
SLC3G
8/71
SLT
SLTG
8/40
SLU
SLUG
8/38
S1
8/39
S2
TCM
TF-80SC / TF-80SC AWD
CAN
LIN
4/46
ECM
DIESEL/
6 CYL
DIESEL B:34
6 CYL B:13
DIESEL B:22
6 CYL B:54
DIESEL B:23
6 CYL B:41
53/443
53/352
53/353
HISPEED
4/56
CEM
F21
C:21
C:22
D:16
E:B
E:A
D:47
D:32
D:23
A:25
EXT. D2
4/16
BCM
3/156
GSM
3/155
8/36
VO-W
BL-W
GN-W
SB
53/329
54/3.1
53/397
BN
31/93
BL-R

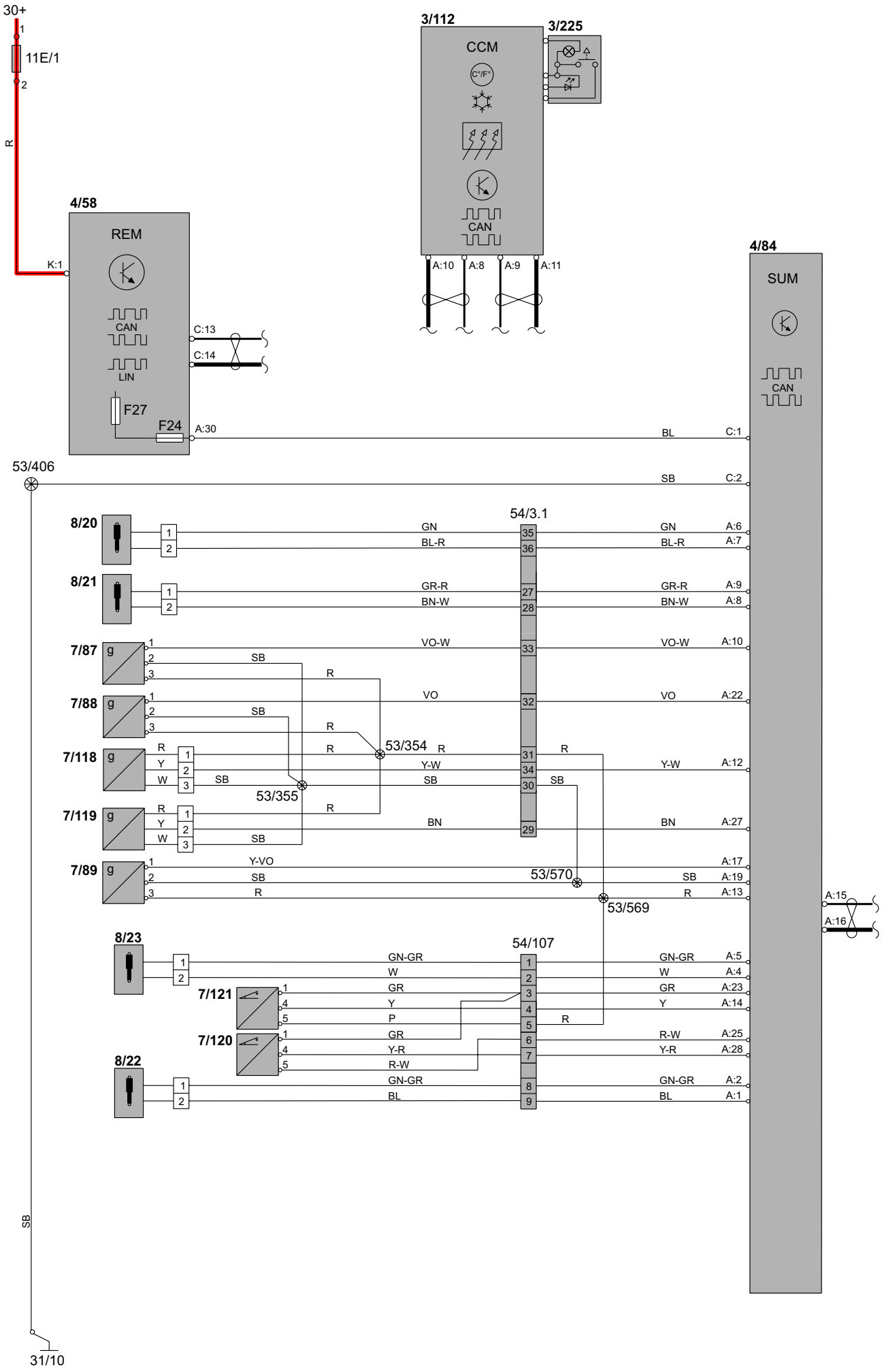

30+
11E/4
11E/5
4/56
CEM
C:22
C:21
D:32
D:47
CAN
LIN
F21
E:B
E:A
R
54/40D
D:23
BL-W
A:25
EXT. D2
VO-W
B:20
EXT. D2
A:1
A:3
4/28
TCM
AW 55-51SN /
AW 51AWD
B:1
B:13
B:2
B:14
A:35
VO-W
B:21
GN-W
54/3.1
5
26
A:54
SB
A:2
A:6
3/156
GSM
LIN
A:53
SB
53/303
BN
31/94


30+
11E/4
11E/5
3/9
4/56
CEM
F9
F21
54/40D
EXT. D2
CAN
LIN
R
Y-R
C:22
C:21
D:32
D:47
C:34
B:11
E:B
E:A
A:25
D:23
VO-W
MAN (M66)
AUTO
BL-W
A:3
A:1
3/156
GSM
4/28
TCM
AW 55-51SN /
AW 51AWD
B:21
GN-W
54/3.1
5
A:2
8/36
B:1
B:2
B:13
B:14
A:53
A:54
SB
26
53/329
53/303
53/397
BN
31/94
31/93
A:6
8/134
MAN (M66)
6
3
1

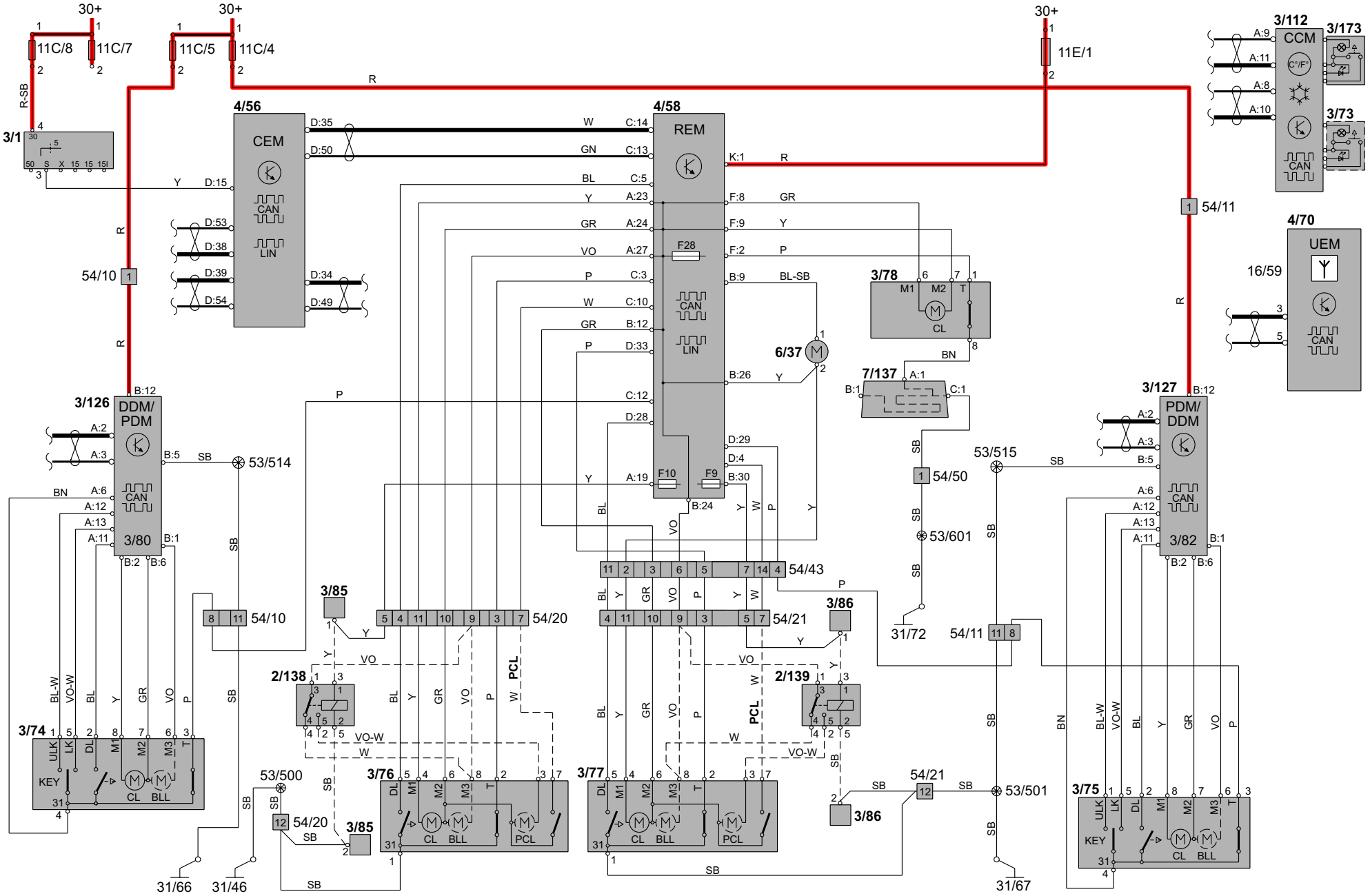

30+
1
11E/1
2
4/58
REM
R
K:1
CAN
LIN
C:14
C:13
F27
F23
A:14
BL
SB
1
3
2
4
54/74
4/82
DEM
CAN
7
GN
8
W
1
BL-R
2
BN
4
SB
31/46


3/112
CCM
3/95
A:10
A:8
A:9
A:11
CAN
30+
11B/2
11B/1
R-W
R
4/16
BCM
CAN
7/31
BN-P
Y-R
7/32
BN-GR
Y-GR
7/56
BN
Y
54/3.1
7/57
BN-W
Y-W
7/164
BSC
GN DSTC
W DSTC
GR DSTC
GR-W DSTC
7/124
BL
GN
BN
7/129
P
54/55 RHD DSTC
GN-BN
GN-W
GR-W
LHD DSTC GN-BN
LHD DSTC GN-W
LHD DSTC GR-W
7/139
54/56 RHD DSTC
BL-BN
OR-W
GR-OR
LHD DSTC BL-BN
LHD DSTC OR-W
LHD DSTC GR-OR
15 GN
11 W
4 BL
8/46
30 BL-W DSTC
27 BL-SB DSTC
28 Y-SB DSTC
31 GN-GR DSTC
17 GN DSTC
16 BN-SB
47 BN-SB
53/384
BN-SB
31/95
3/9
5 CYL
8 CYL
6 CYL
5 CYL
8 CYL
DIESEL
4/46
ECM
CAN
DIESEL
6 CYL
Y
Y-GR
C:35
4/56
CEM
F33
F15
F9
C:34
C:22
C:21
B:22
B:1
B:11
D:32
D:47
D:34
D:49
CAN
LIN
E:B R 11E/4:2
E:A R 11E/5:2
D:46
D:31
DSTC
DSTC
3/254
SWM
4/68
SAS
CAN
18/4
7/91
W
GN
R
BN
53/438
31/84
11C/9
11C/10
11C/7
11C/9
XC90
V70
53/425
8/84
P
GN-GR
GN-BN
6/114
SB
53/331
BN
53/397
BN
31/93

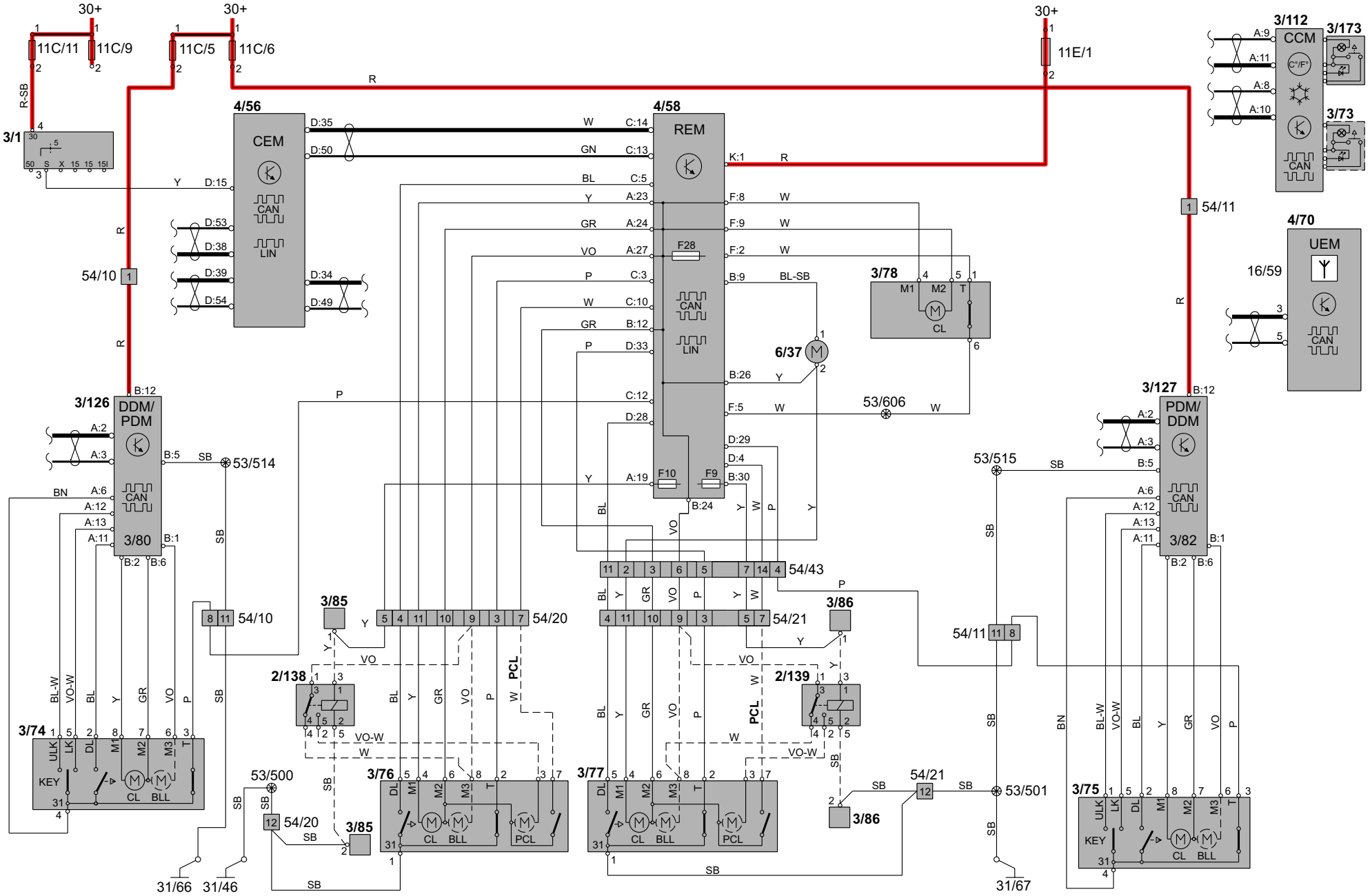

30+
1
11E/4
2
R
54/40D
1
4/56
CEM
E:B
R
CAN
LIN
C:17
F16
B:23
VO
53/398
D:49
D:34
C:21
C:22
6/71
A
Y
B
R
1
2
BN
Y
GN-W
4/99
PSU
1
8
2
6
3
2
4
4
5
5
BL
SB
53/329
SB
53/397
BN
31/93


30+
11E/1
R
3/112
CCM
3/225
4/58
REM
K:1
CAN
LIN
F27
F24
A:30
C:13
C:14
A:10
A:8
A:9
A:11
4/84
SUM
CAN
BL
C:1
53/406
SB
C:2
8/20
8/21
7/87
7/88
7/118
7/119
7/89
54/3.1
GN
BL-R
GR-R
BN-W
VO-W
VO
Y-W
BN
Y-VO
SB
R
53/354
53/355
53/570
53/569
A:6
A:7
A:9
A:8
A:10
A:22
A:12
A:27
A:17
A:19
A:13
A:15
A:16
8/23
8/22
7/121
7/120
54/107
GN-GR
W
GR
Y
P
R-W
Y-R
BL
A:5
A:4
A:23
A:14
A:25
A:28
A:2
A:1
31/10

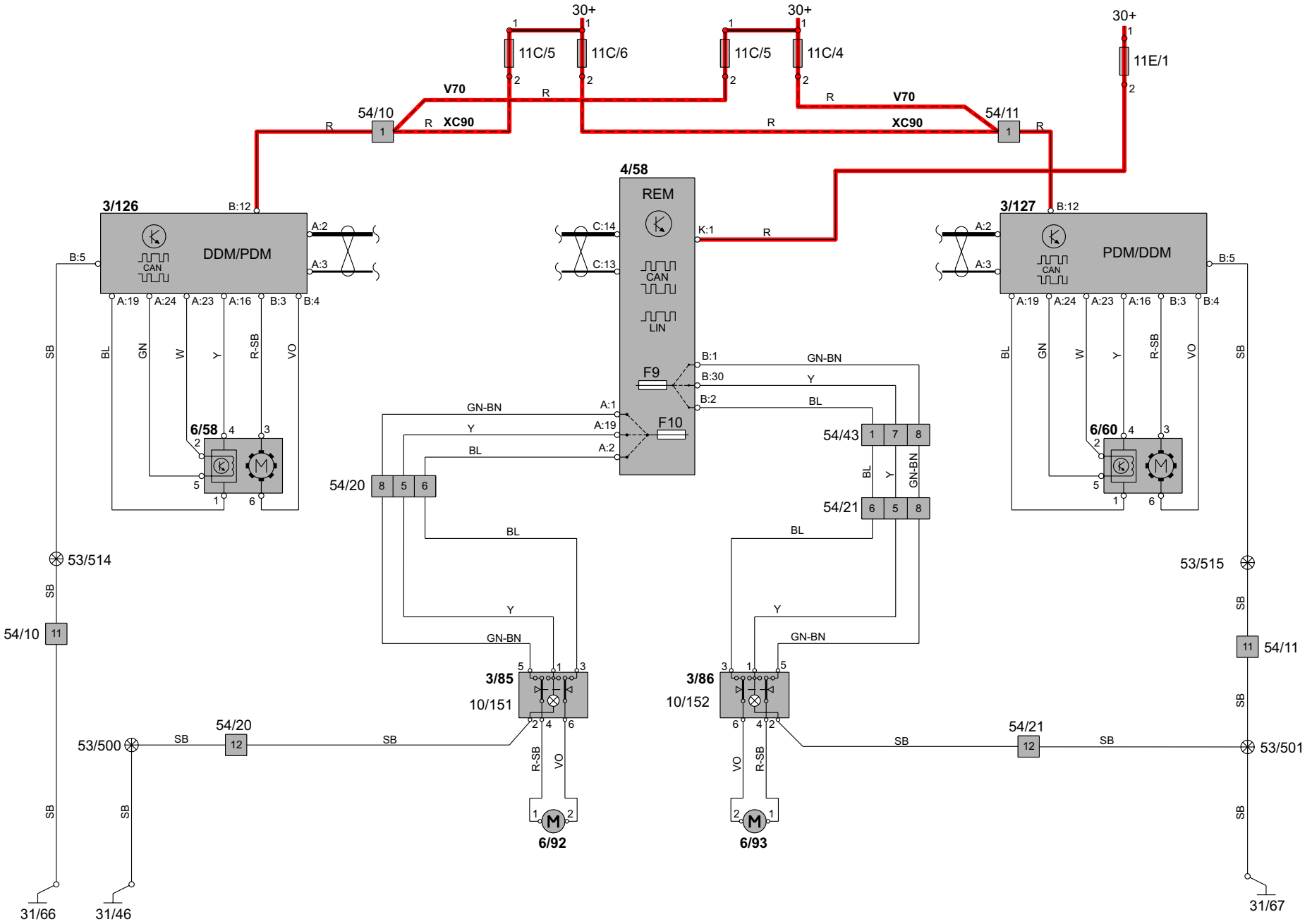
Group 83 Doors and openings
Central locking system V70

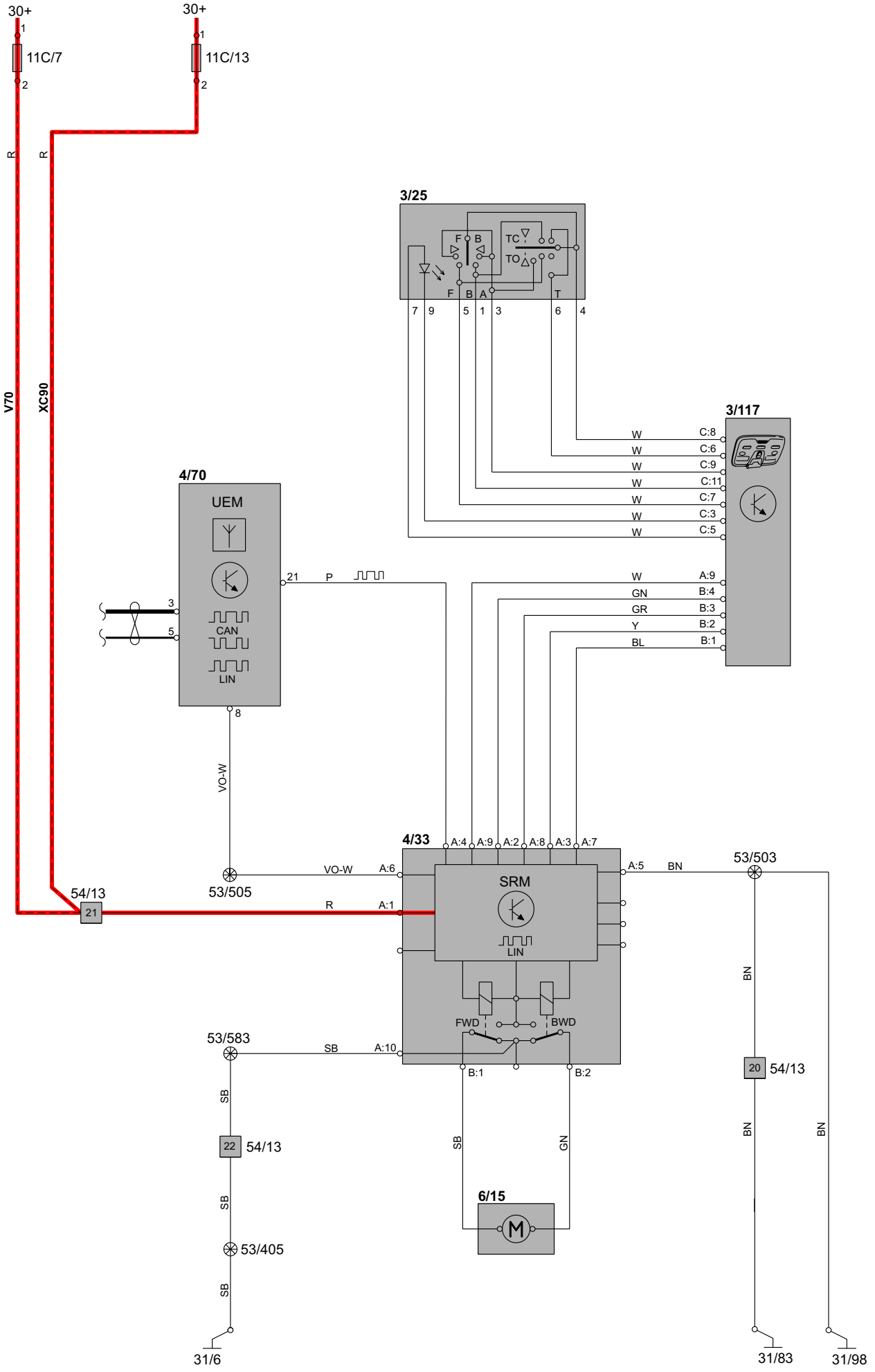


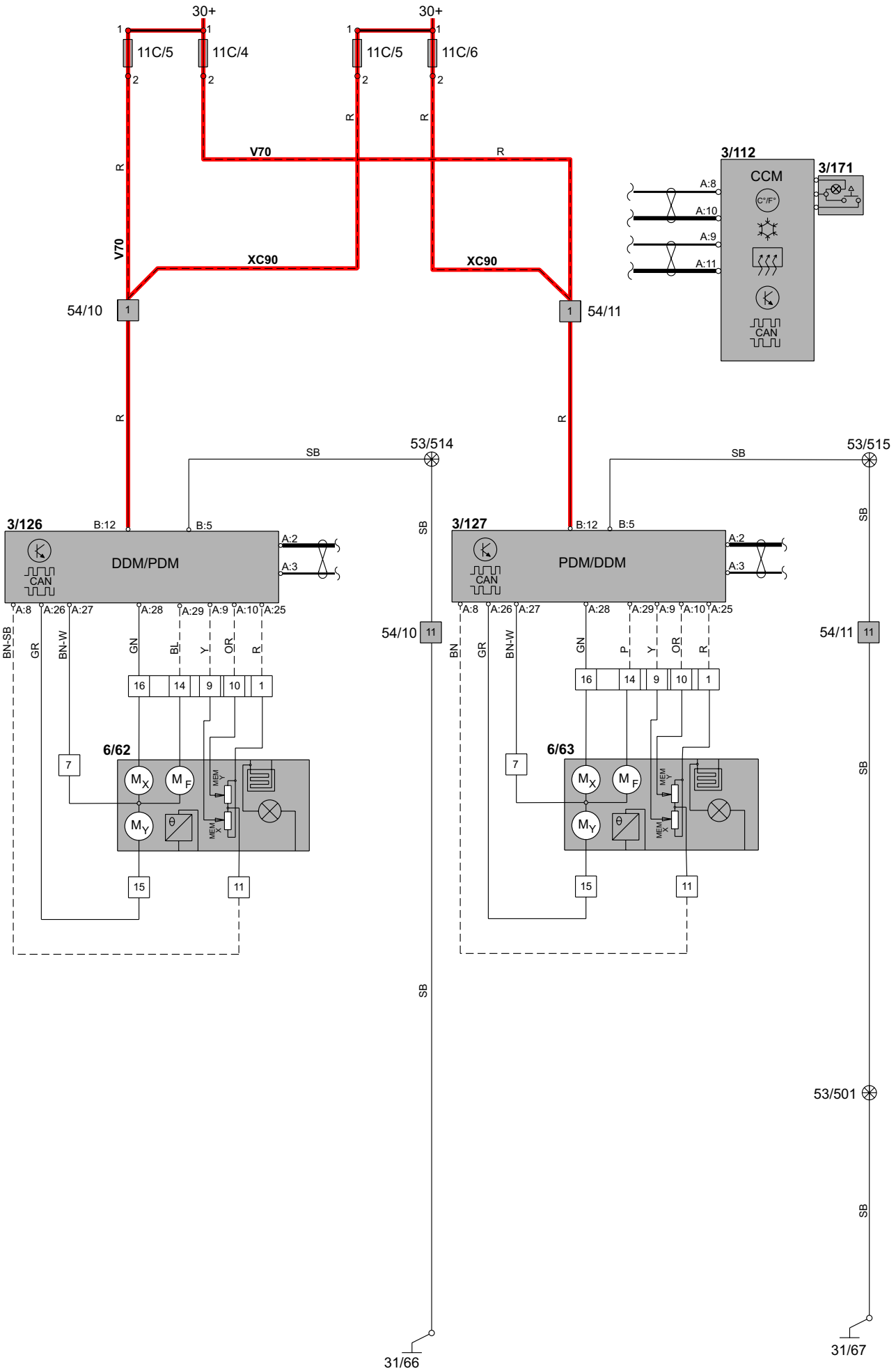
Group 83 Doors and openings
Central locking system XC90

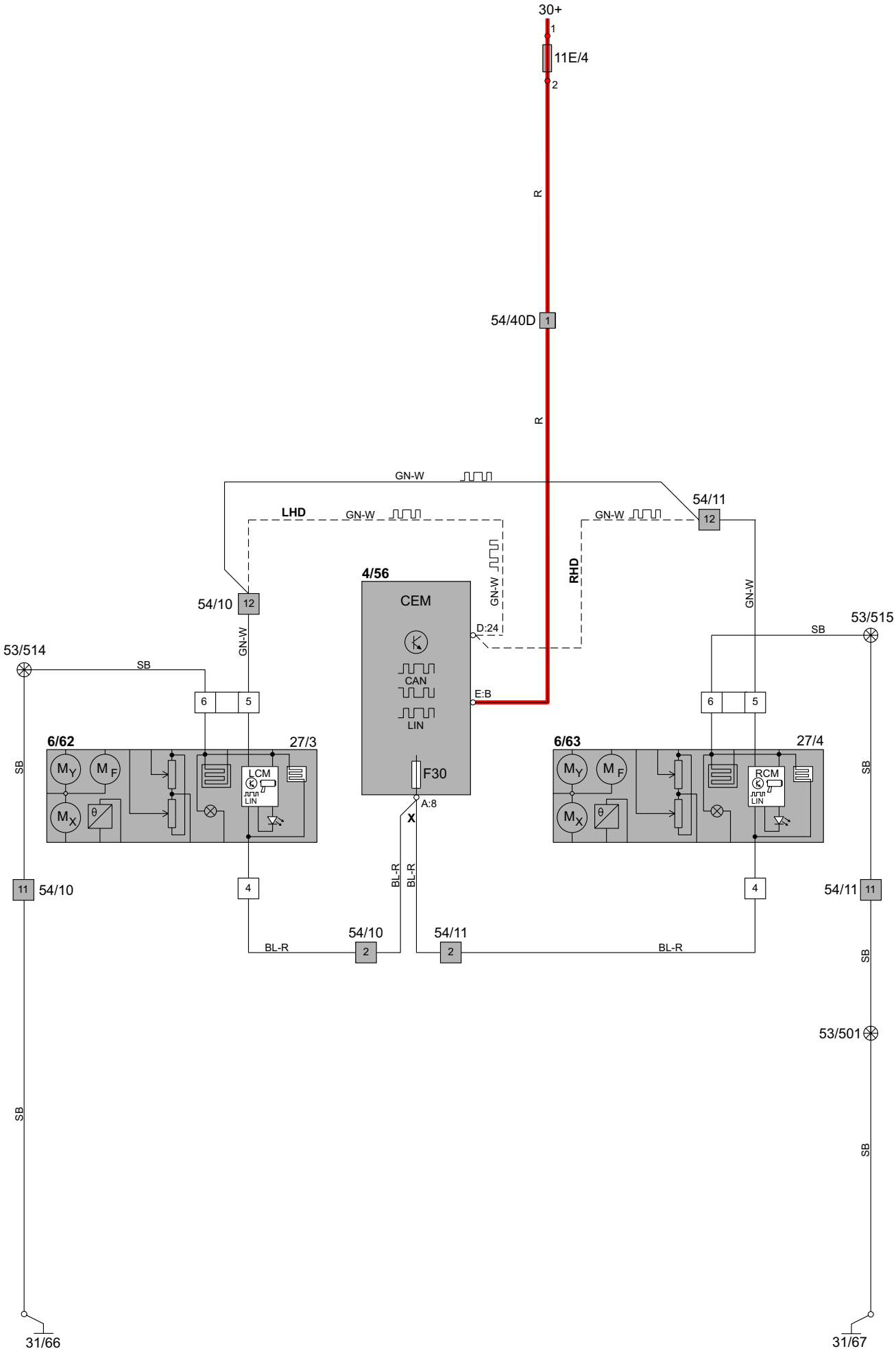


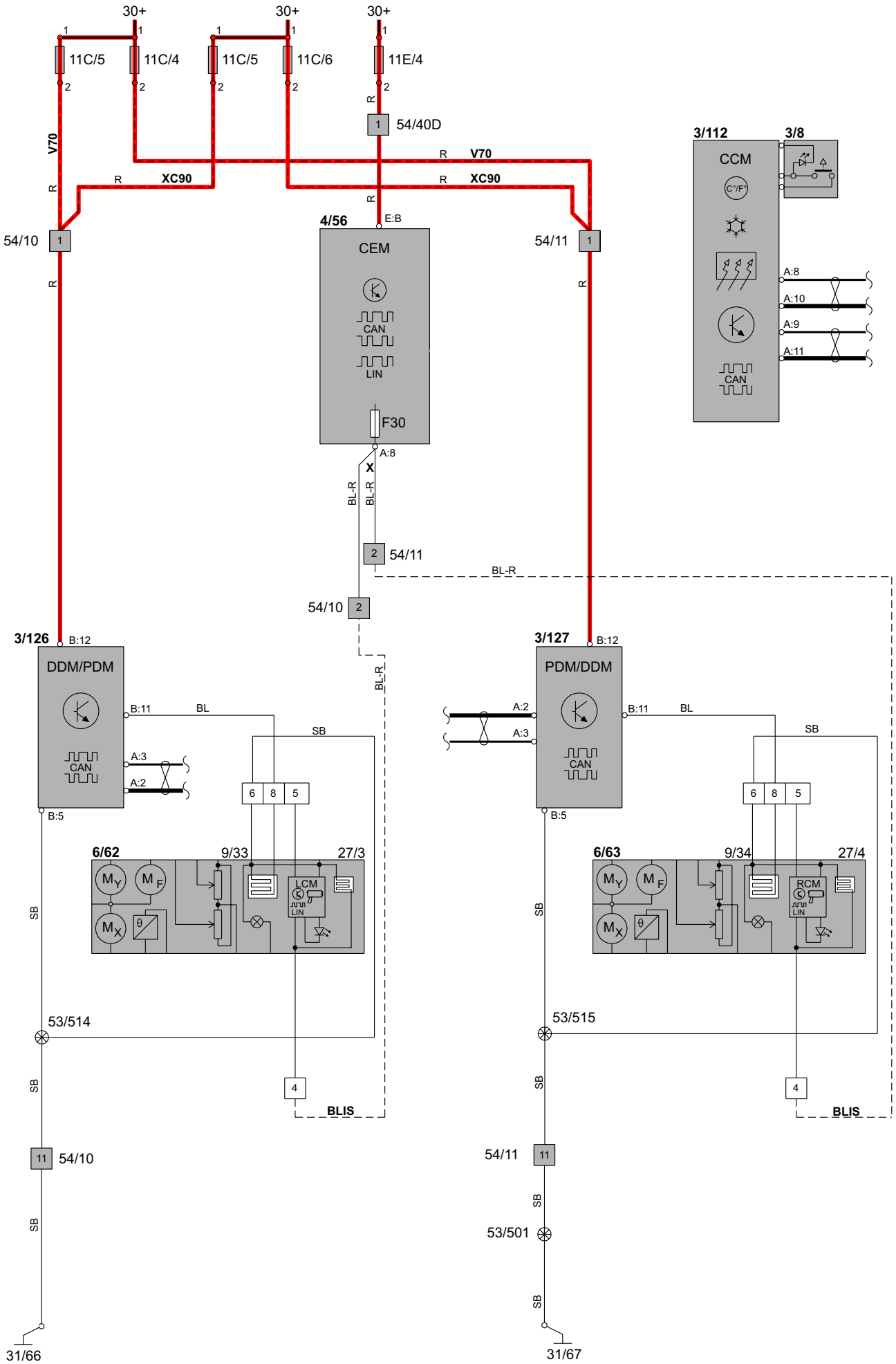
Group 83 Doors and openings
Power windows

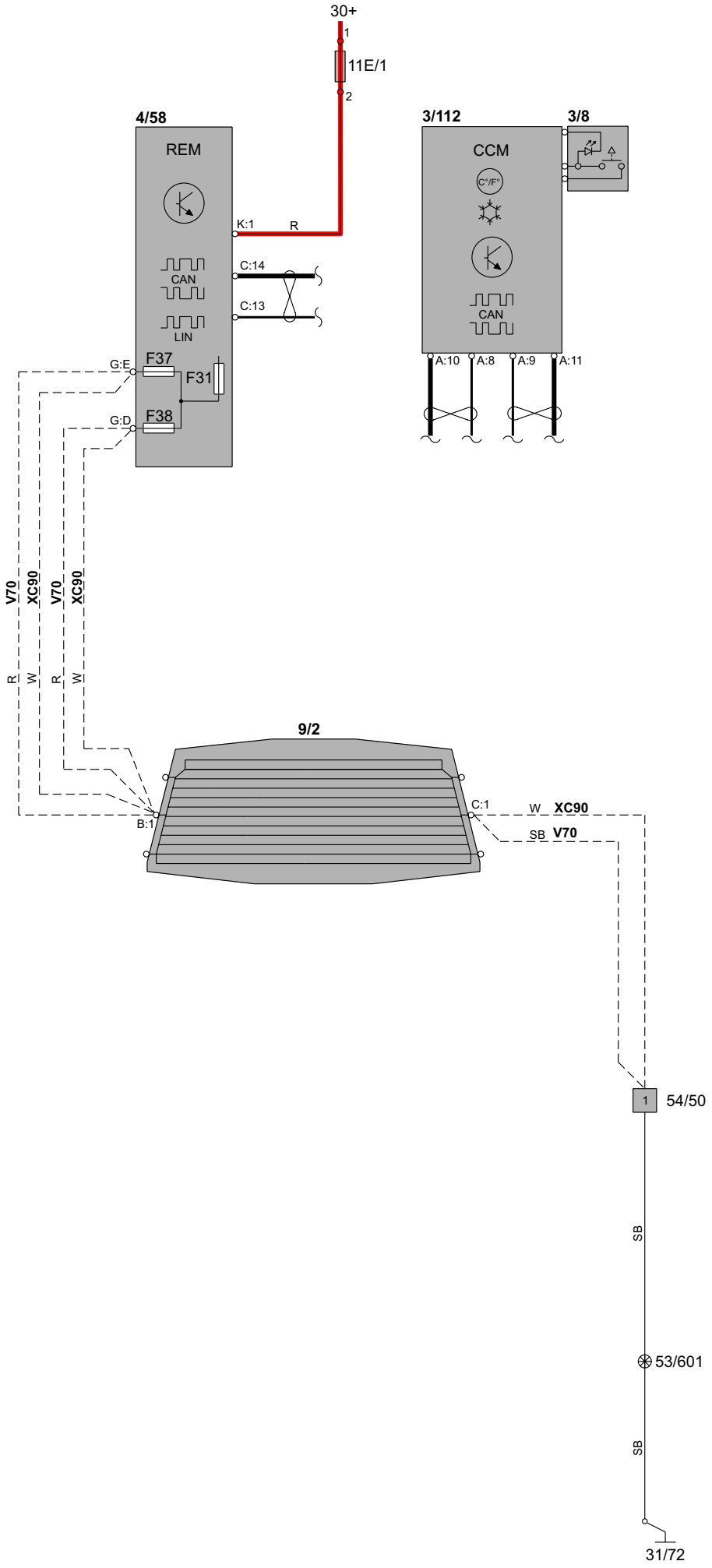


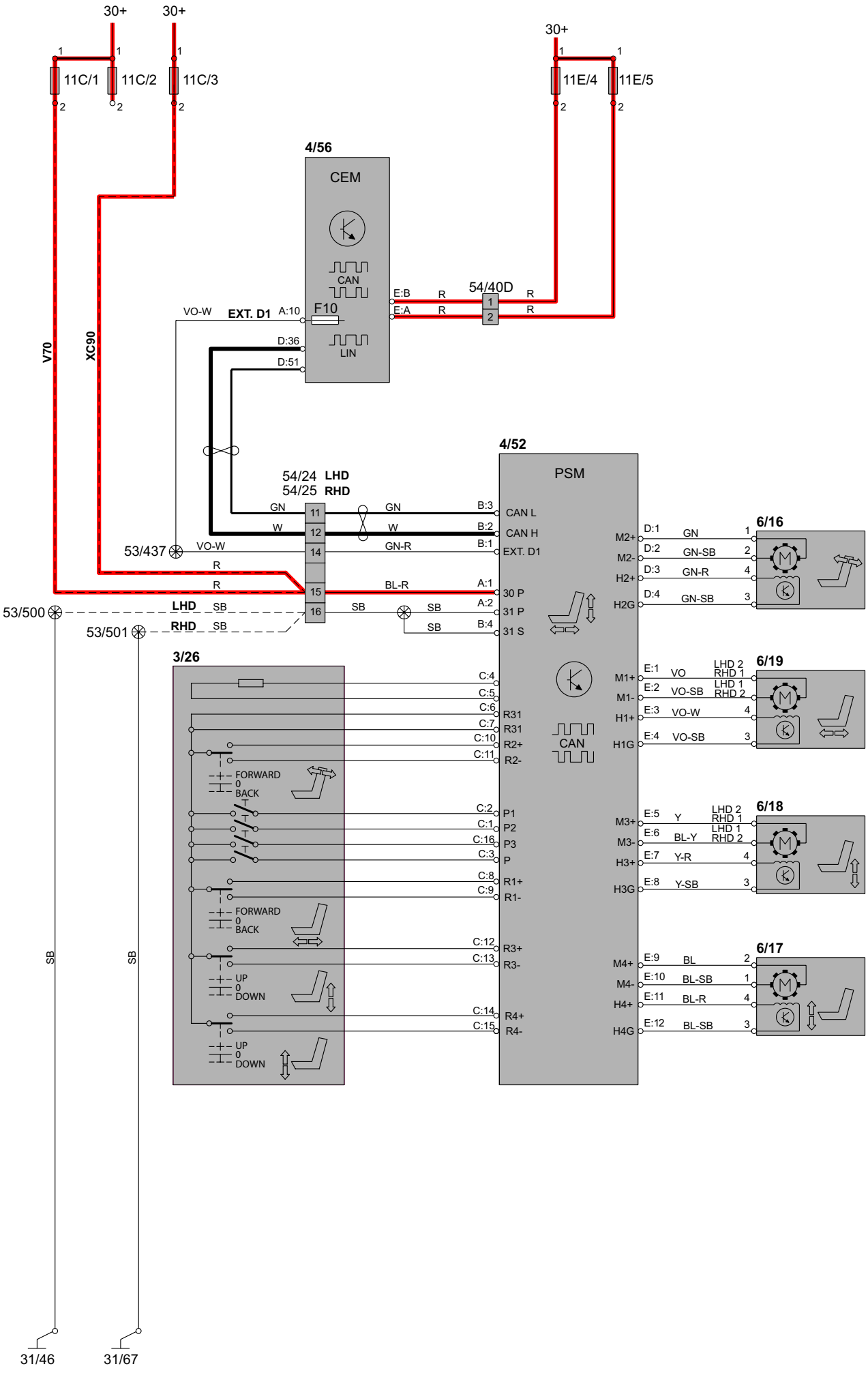

30+
11C/7
30+
11C/13
R
R
V70
XC90
3/25
F
B
TC
TO
F
B
A
T
7
9
5
1
3
6
4
3/117
W
C:8
W
C:6
W
C:9
W
C:11
W
C:7
W
C:3
W
C:5
4/70
UEM
CAN
LIN
21
P
3
5
8
W
A:9
GN
B:4
GR
B:3
Y
B:2
BL
B:1
VO-W
4/33
A:4
A:9
A:2
A:8
A:3
A:7
SRM
LIN
VO-W
A:6
53/505
R
A:1
54/13
21
A:5
BN
53/503
FWD
BWD
53/583
SB
A:10
B:1
B:2
SB
22
54/13
SB
53/405
SB
31/6
SB
GN
6/15
M
BN
20
54/13
BN
BN
31/83
31/98

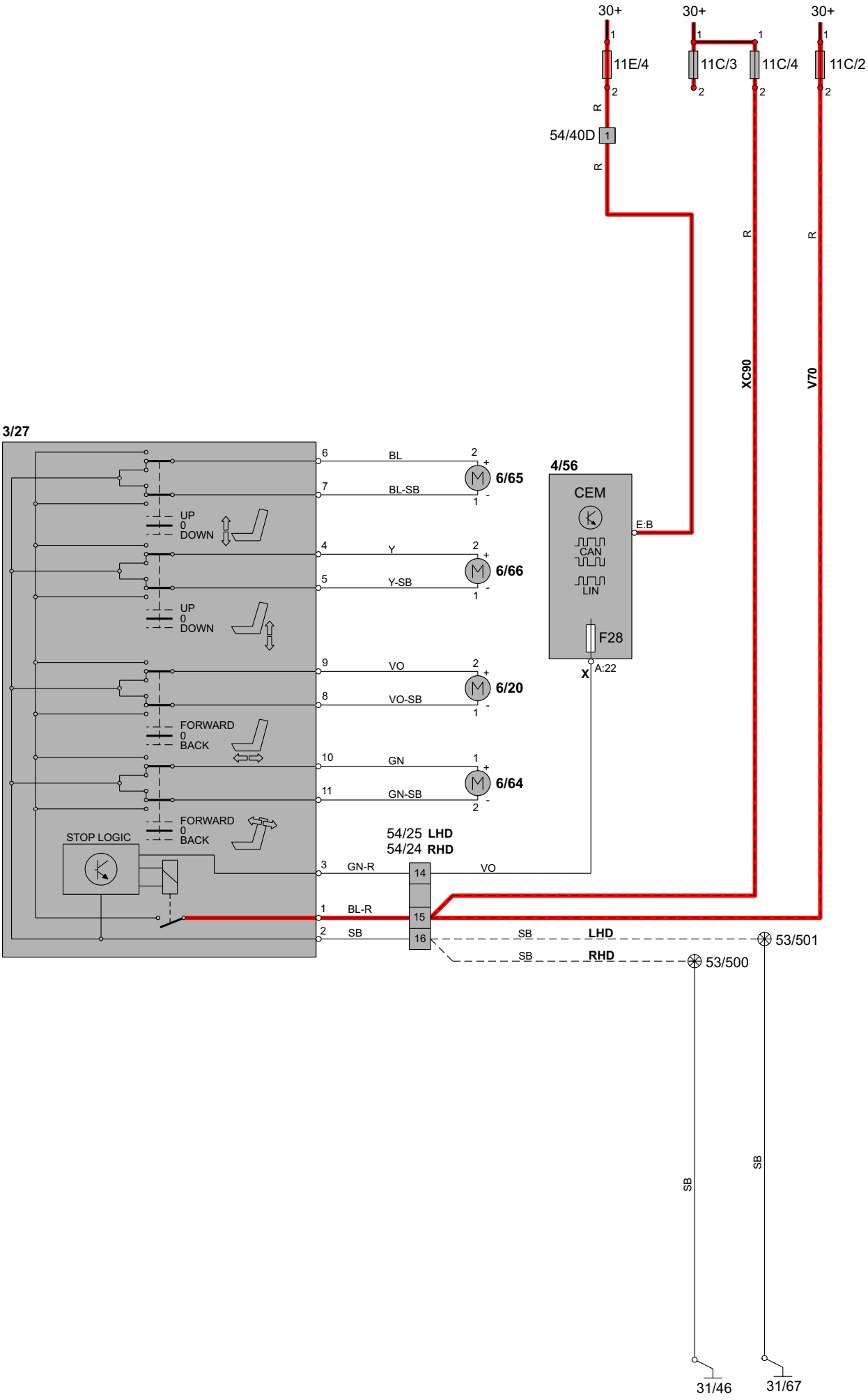

30+
30+
11C/5
11C/4
11C/5
11C/6
V70
V70
XC90
XC90
54/10
54/11
3/112
CCM
3/171
A:8
A:10
A:9
A:11
CAN
3/126
DDM/PDM
3/127
PDM/DDM
B:12
B:5
A:2
A:3
53/514
53/515
SB
BN-SB
GR
BN-W
GN
BL
Y
OR
R
BN
P
16
14
9
10
1
7
6/62
6/63
15
11
53/501
31/66
31/67

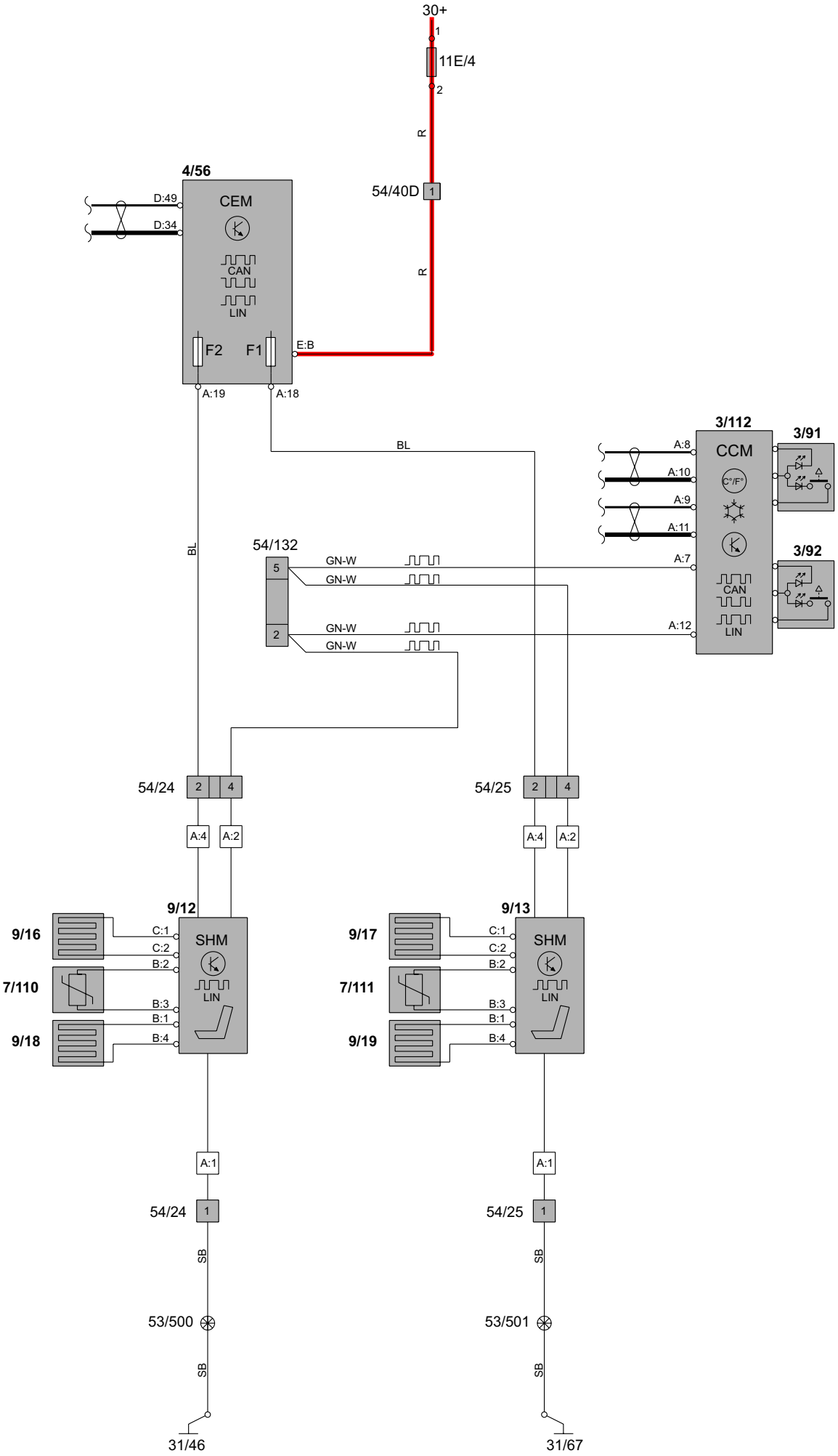

30+
1
11E/4
2
R
54/40D 1
R
GN-W
LHD
GN-W
GN-W
54/11
12
RHD
4/56
CEM
GN-W
GN-W
54/10 12
D:24
CAN
LIN
E:B
F30
A:8
X
53/514
SB
53/515
SB
6/62
27/3
6/63
27/4
LCM
RCM
LIN
SB
SB
11 54/10
4
4
54/11 11
BL-R
BL-R
54/10
2
54/11
2
BL-R
SB
SB
53/501
SB
SB
31/66
31/67

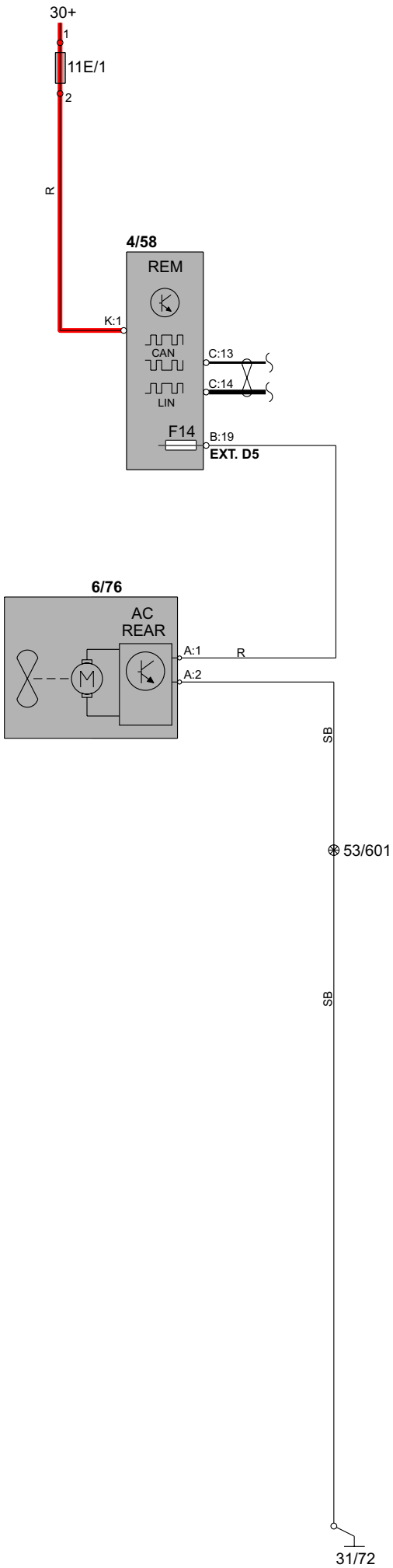

30+
11C/5
11C/4
11C/5
11C/6
11E/4
54/40D
V70
XC90
54/10
54/11
4/56
CEM
CAN
LIN
F30
A:8
X
BL-R
2 54/11
54/10 2
3/112
3/8
CCM
A:8
A:10
A:9
A:11
3/126
DDM/PDM
B:12
B:11
BL
SB
A:3
A:2
6 8 5
B:5
6/62
9/33
27/3
LCM
53/514
4
BLIS
11 54/10
31/66
3/127
PDM/DDM
6/63
9/34
27/4
RCM
53/515
54/11 11
53/501
31/67


30+
1
11E/1
2
4/58
REM
K:1
R
C:14
CAN
C:13
LIN
G:E
F37
F31
G:D
F38
3/112
CCM
C°/F°
CAN
3/8
A:10
A:8
A:9
A:11
V70
XC90
V70
XC90
R
W
R
W
9/2
B:1
C:1
W
XC90
SB
V70
1
54/50
SB
53/601
SB
31/72

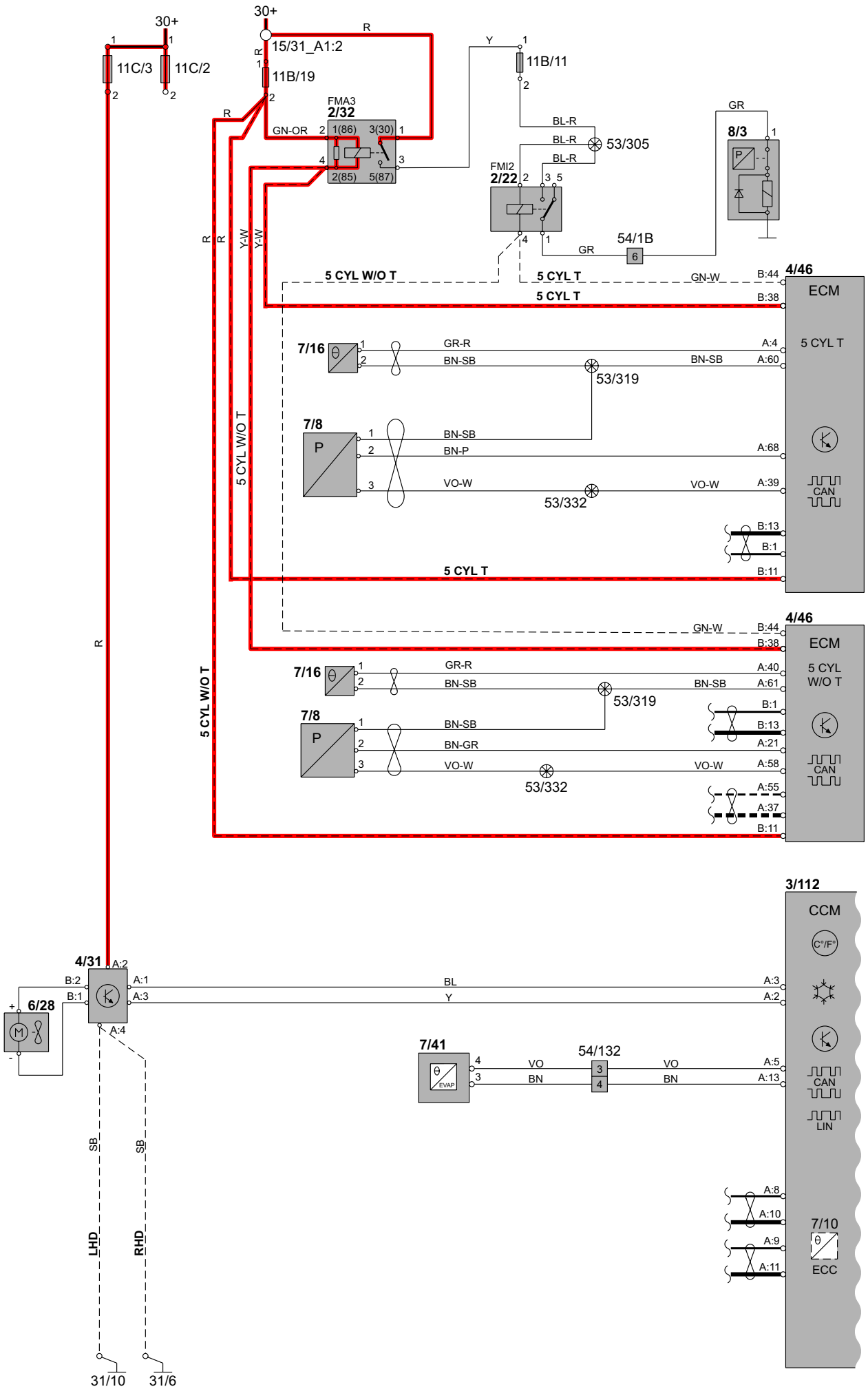

30+
30+
30+
11C/1
11C/2
11C/3
11E/4
11E/5
4/56
CEM
CAN
LIN
F10
54/40D
VO-W
EXT. D1
A:10
E:B
E:A
D:36
D:51
V70
XC90
4/52
PSM
54/24 LHD
54/25 RHD
53/437
53/500
53/501
LHD
RHD
SB
GN
W
VO-W
GN-R
BL-R
CAN L
CAN H
EXT. D1
30 P
31 P
31 S
3/26
FORWARD
BACK
UP
DOWN
P1
P2
P3
P
R1+
R1-
R2+
R2-
R3+
R3-
R4+
R4-
R31
6/16
6/19
6/18
6/17
M2+
M2-
H2+
H2G
M1+
M1-
H1+
H1G
M3+
M3-
H3+
H3G
M4+
M4-
H4+
H4G
VO
VO-SB
Y
BL-Y
Y-R
Y-SB
BL
BL-SB
BL-R
LHD 2 RHD 1
LHD 1 RHD 2
31/46
31/67


30+
11E/4
11C/3
11C/4
11C/2
54/40D
R
XC90
V70
3/27
UP
0
DOWN
FORWARD
BACK
STOP LOGIC
BL
BL-SB
Y
Y-SB
VO
VO-SB
GN
GN-SB
6/65
6/66
6/20
6/64
4/56
CEM
CAN
LIN
F28
E:B
A:22
54/25 LHD
54/24 RHD
GN-R
BL-R
SB
VO
LHD
RHD
53/501
53/500
31/46
31/67

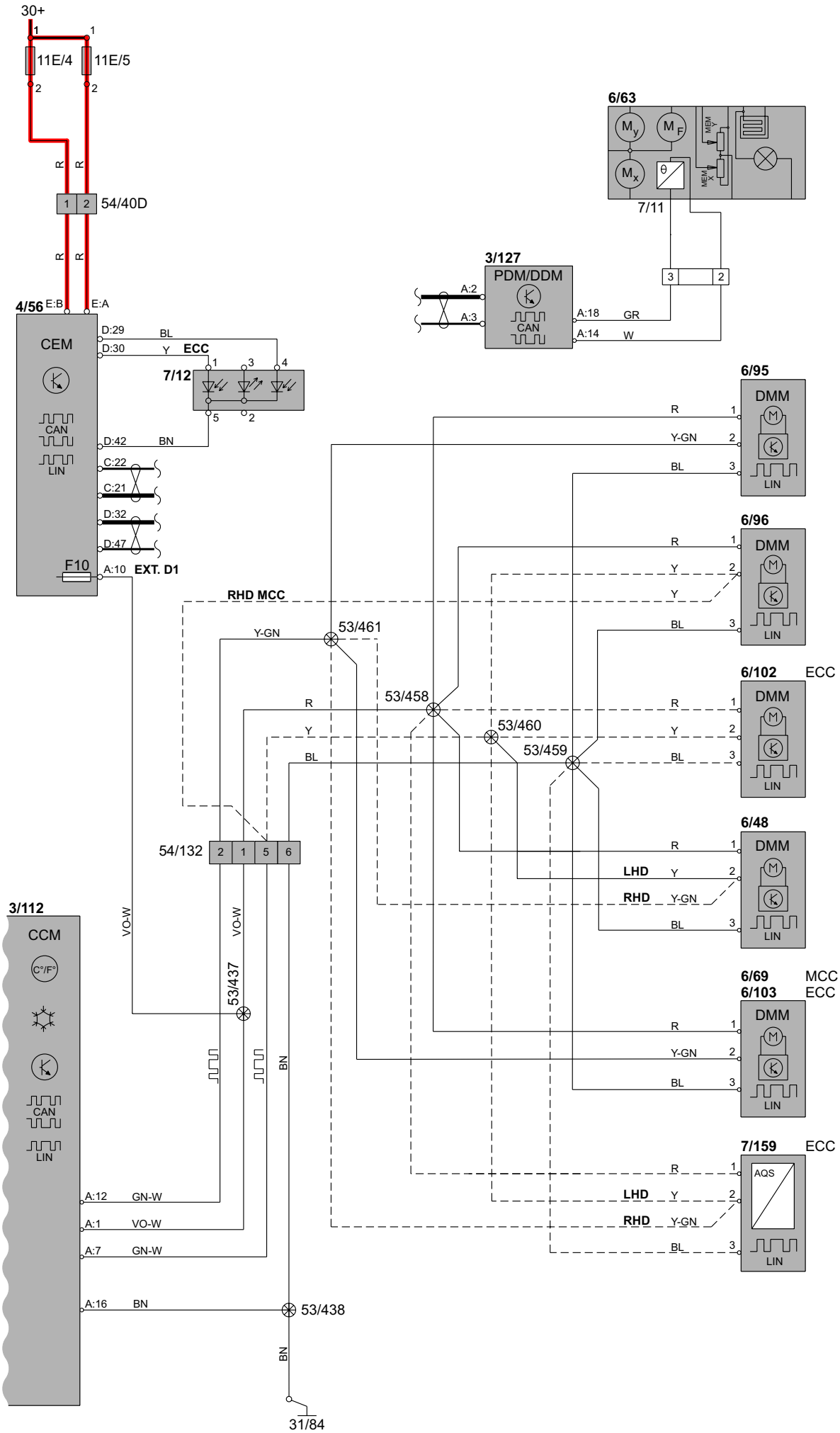

30+
1
11E/4
2
R
4/56
CEM
D:49
D:34
CAN
LIN
54/40D
1
R
F2
F1
E:B
A:19
A:18
BL
3/112
CCM
3/91
3/92
A:8
A:10
A:9
A:11
A:7
A:12
54/132
5
2
GN-W
GN-W
GN-W
GN-W
BL
54/24
2
4
A:4
A:2
54/25
2
4
A:4
A:2
9/12
SHM
9/16
7/110
9/18
C:1
C:2
B:2
B:3
B:1
B:4
LIN
9/13
SHM
9/17
7/111
9/19
C:1
C:2
B:2
B:3
B:1
B:4
LIN
A:1
54/24
1
SB
53/500
SB
31/46
A:1
54/25
1
SB
53/501
SB
31/67


30+
1
11E/1
2
R
4/58
REM
K:1
CAN
LIN
C:13
C:14
F14
B:19
EXT. D5
6/76
AC
REAR
A:1
R
A:2
SB
53/601
SB
31/72

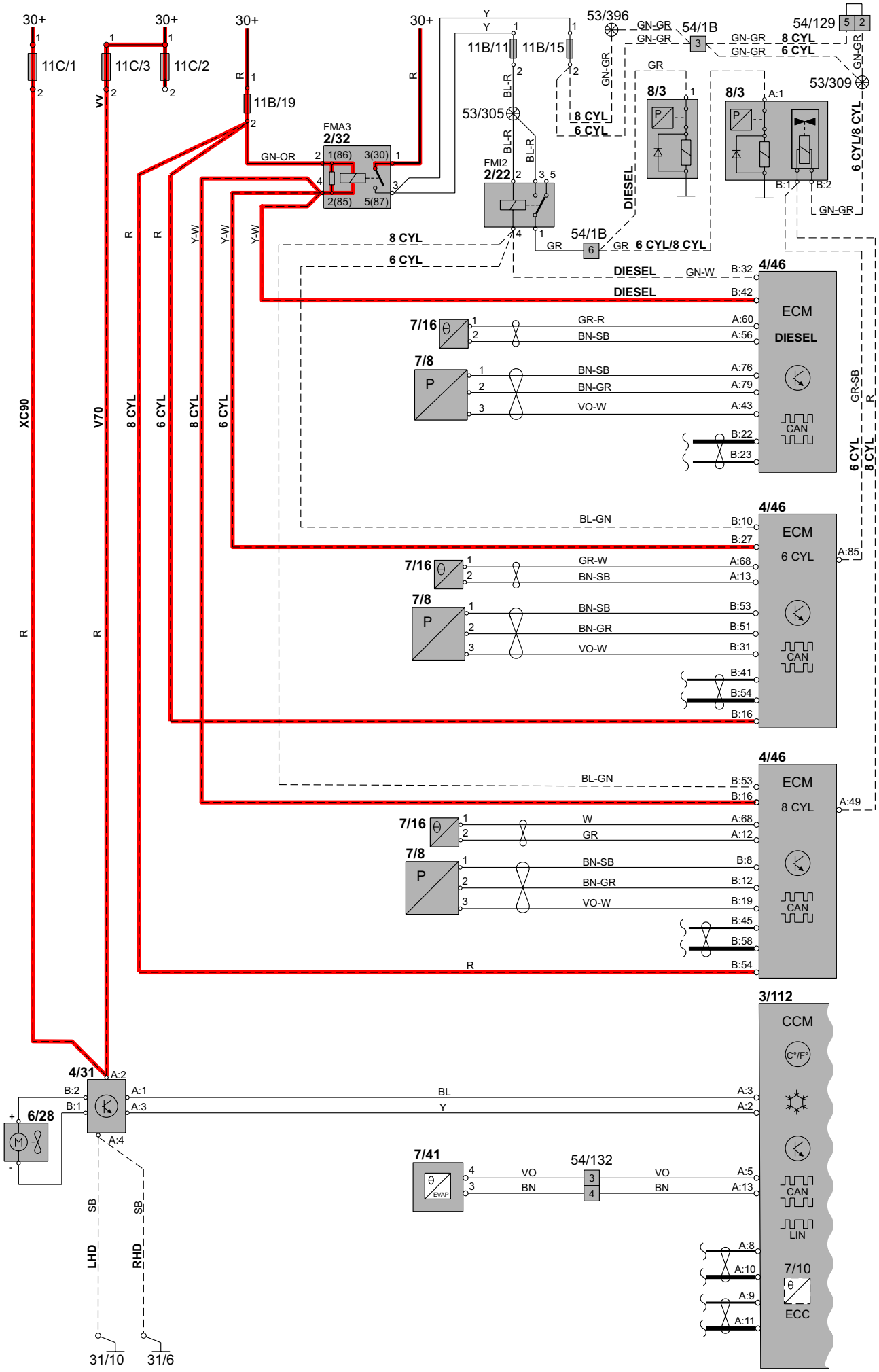
Climate control system, 5-cyl. 1:2



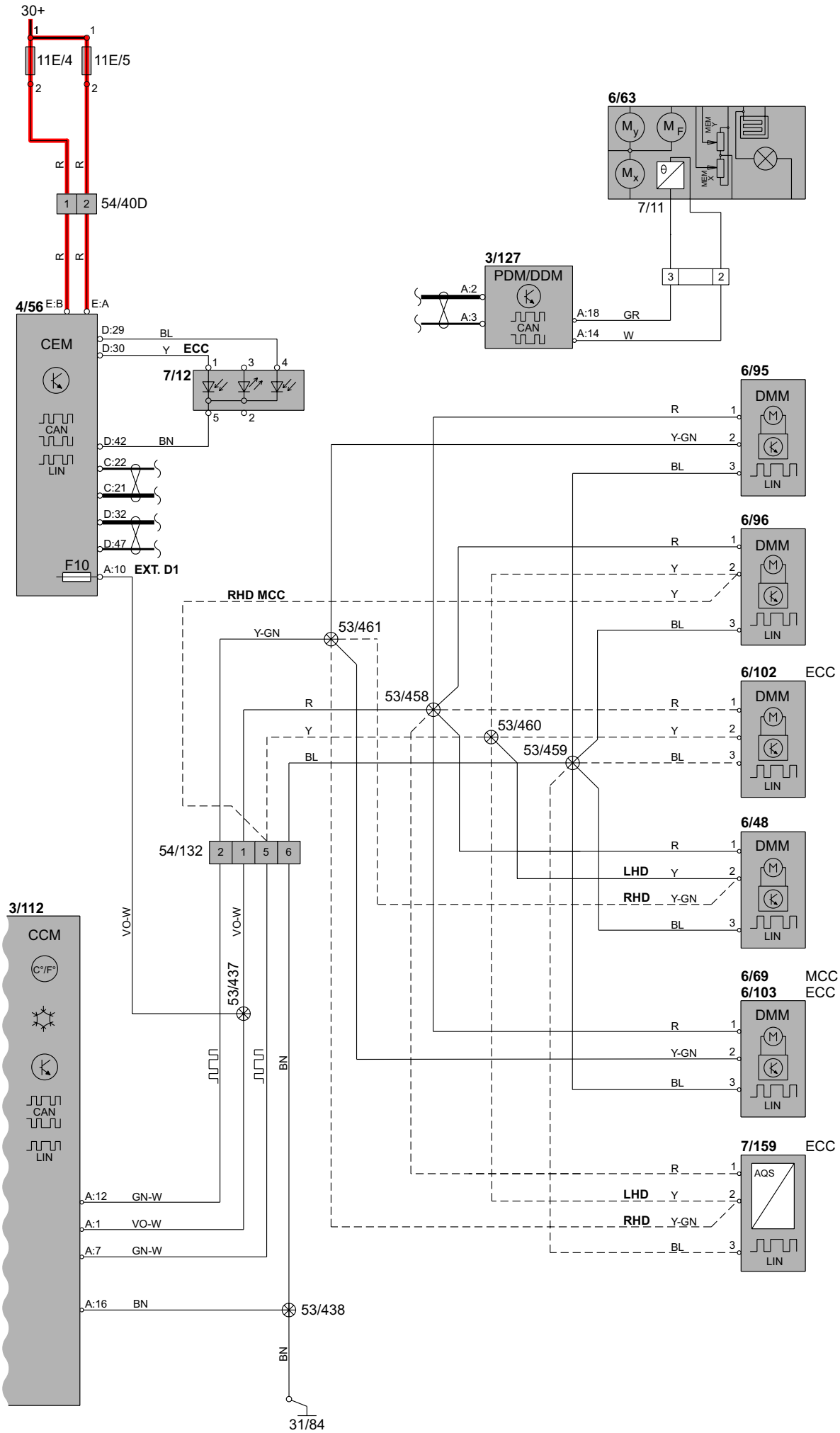
Group 87 Climate control system
Climate control system, 5-cyl. 2:2

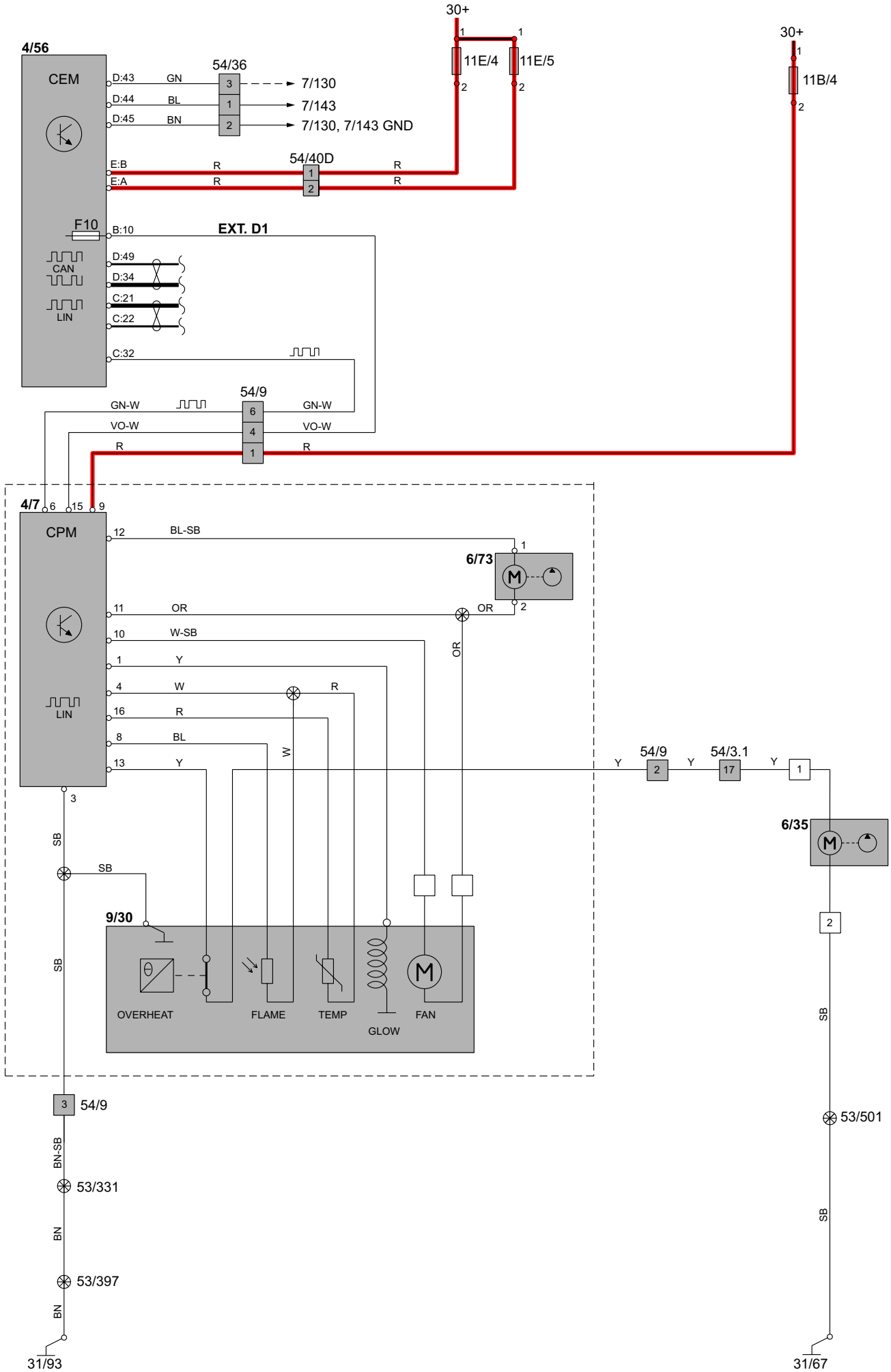


Climate control system, Diesel, 6-cyl. & 8-cyl. 1:2

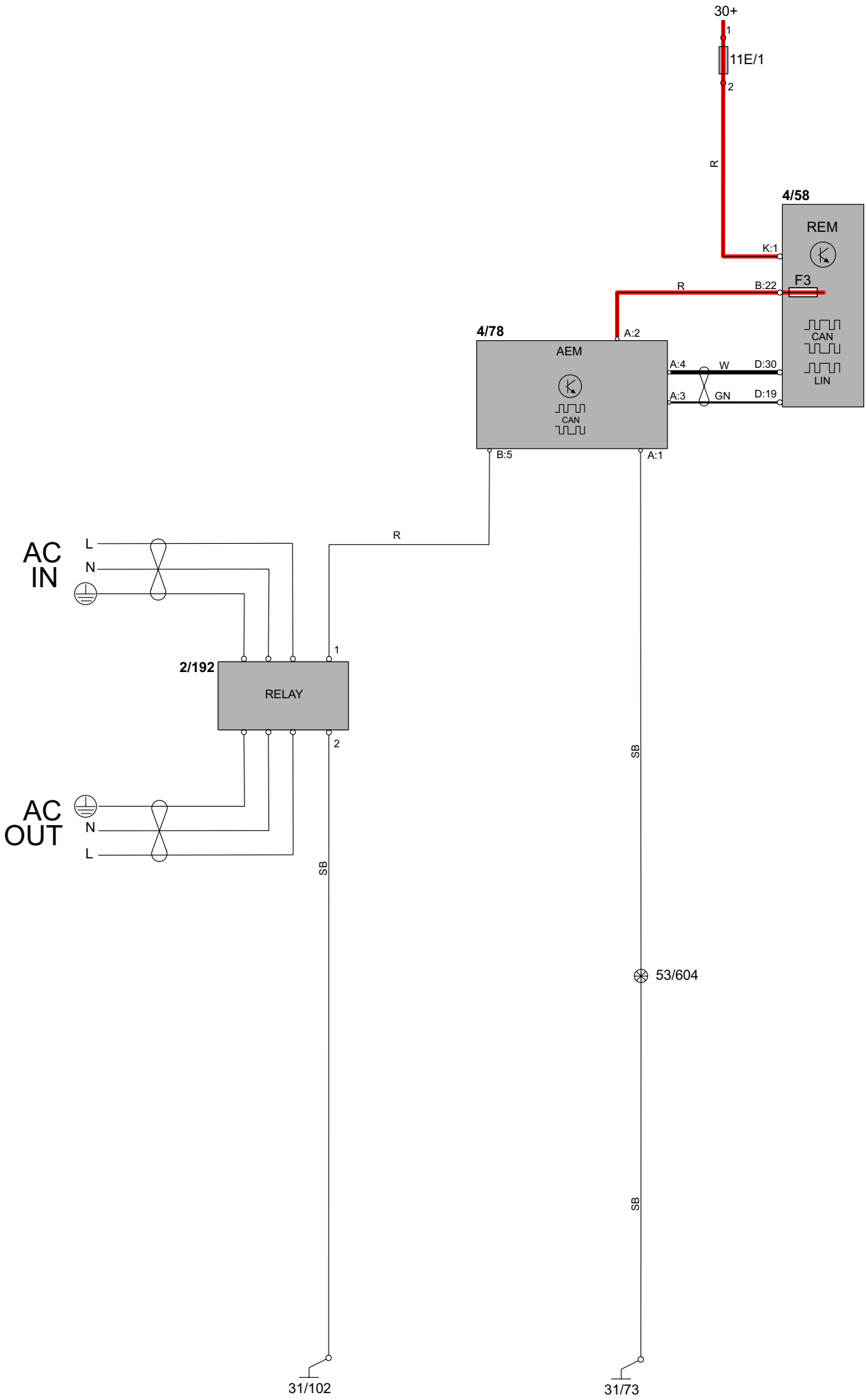


Climate control system, Diesel, 6-cyl. & 8-cyl. 2:2

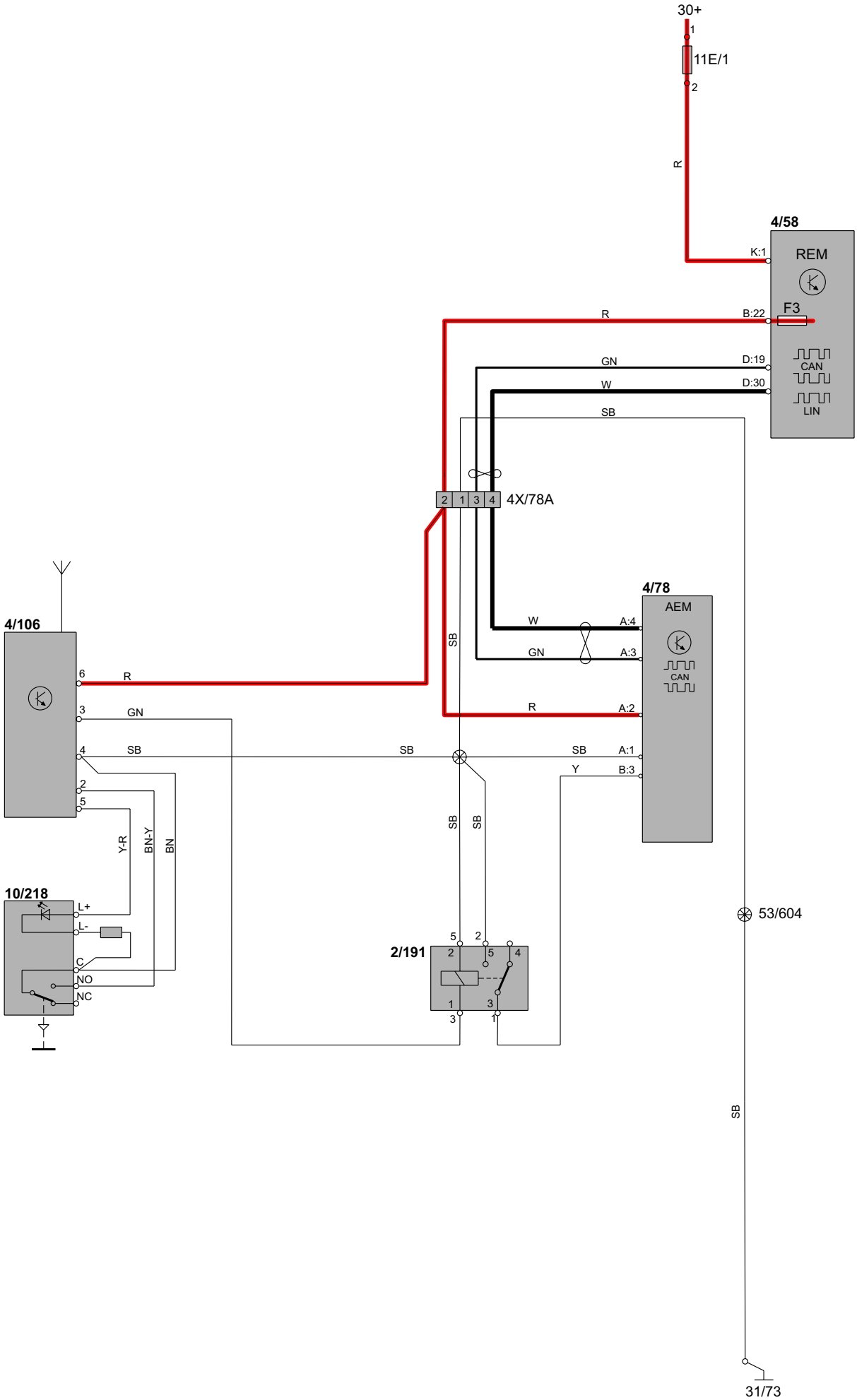



30+
11E/4
11E/5
30+
11B/4
4/56
CEM
54/36
D:43 GN
D:44 BL
D:45 BN
7/130
7/143
7/130, 7/143 GND
54/40D
E:B R
E:A R
F10
B:10
EXT. D1
CAN
LIN
D:49
D:34
C:21
C:22
C:32
54/9
GN-W
VO-W
R
4/7
CPM
12 BL-SB
6/73
11 OR
10 W-SB
1 Y
4 W
16 R
8 BL
13 Y
LIN
54/9
54/3.1
6/35
3
SB
9/30
OVERHEAT
FLAME
TEMP
GLOW
FAN
3 54/9
BN-SB
53/331
BN
53/397
31/93
53/501
31/67

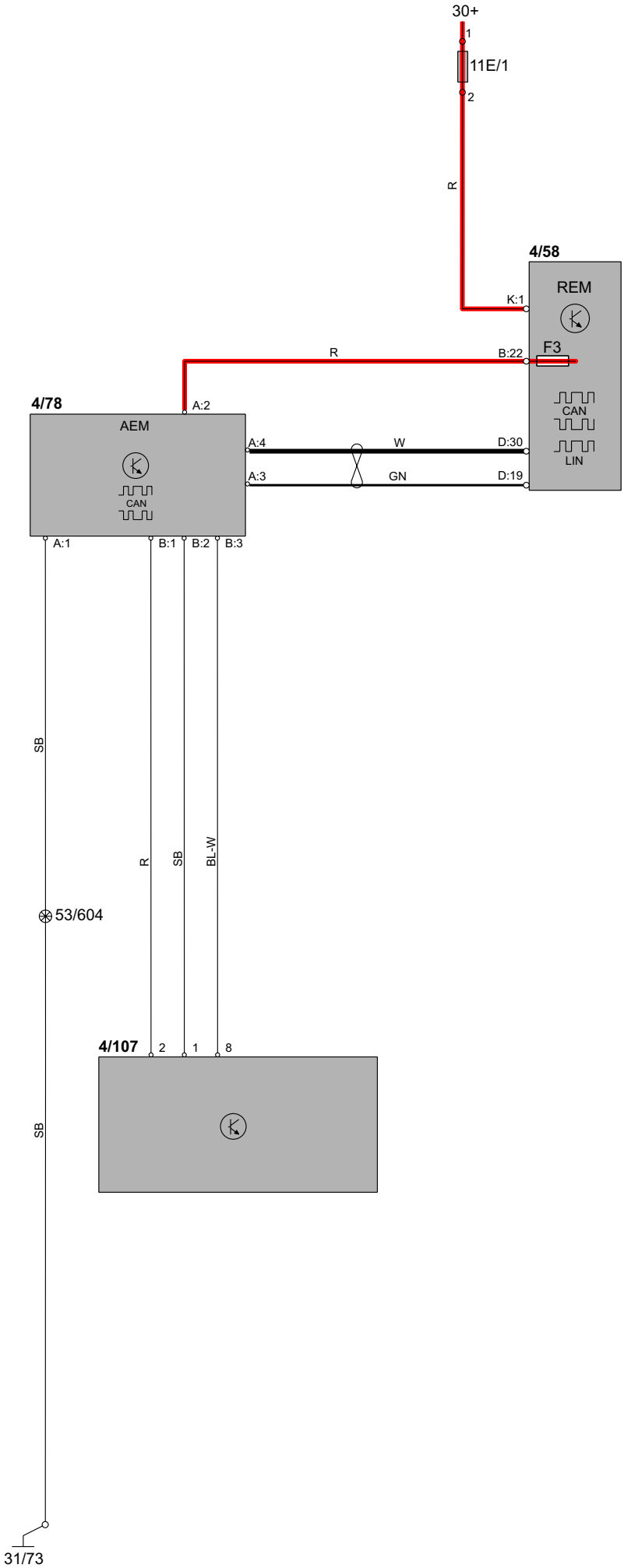
Group 87 Climate control system, Accessories
Relay, electric engine heater

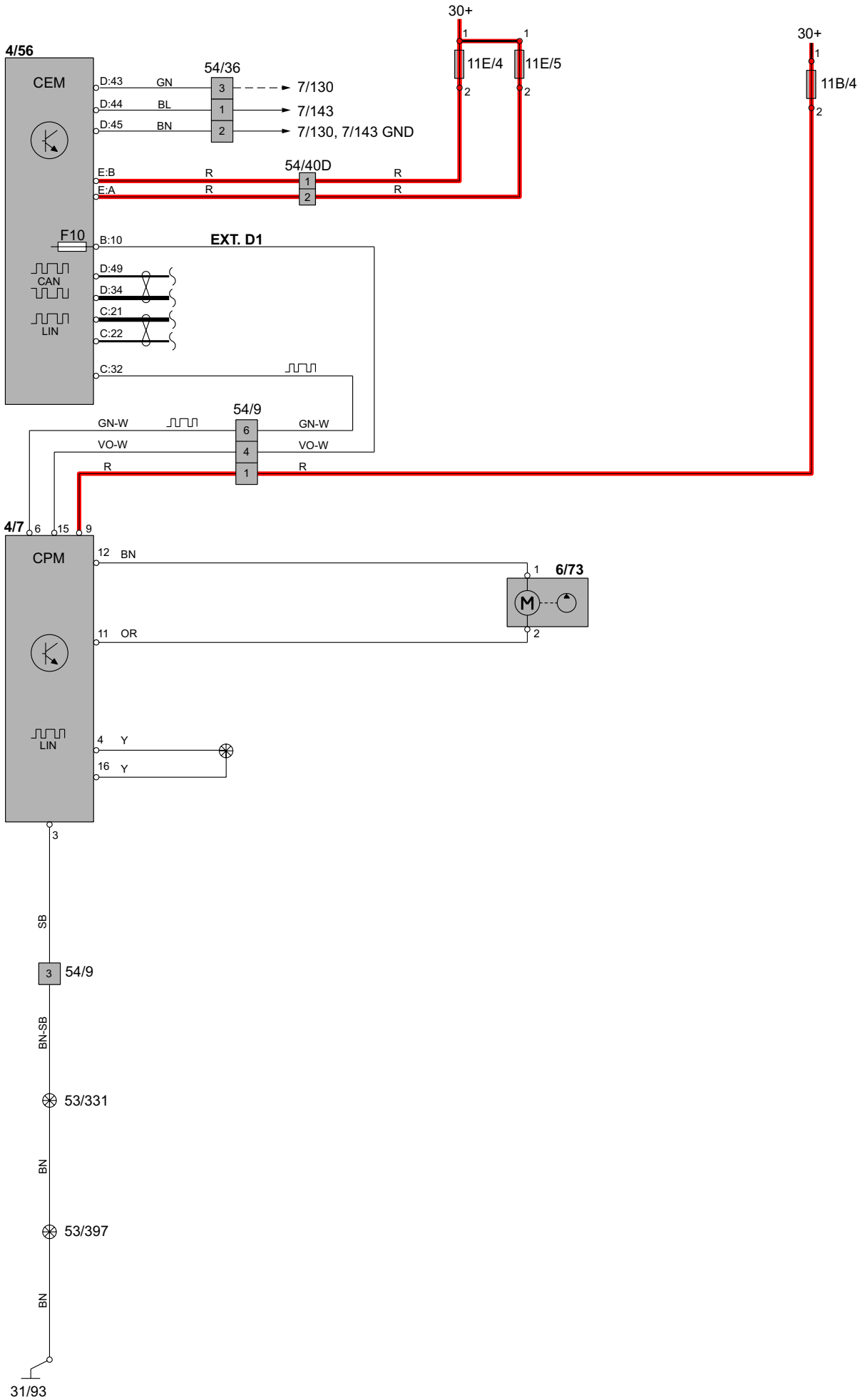


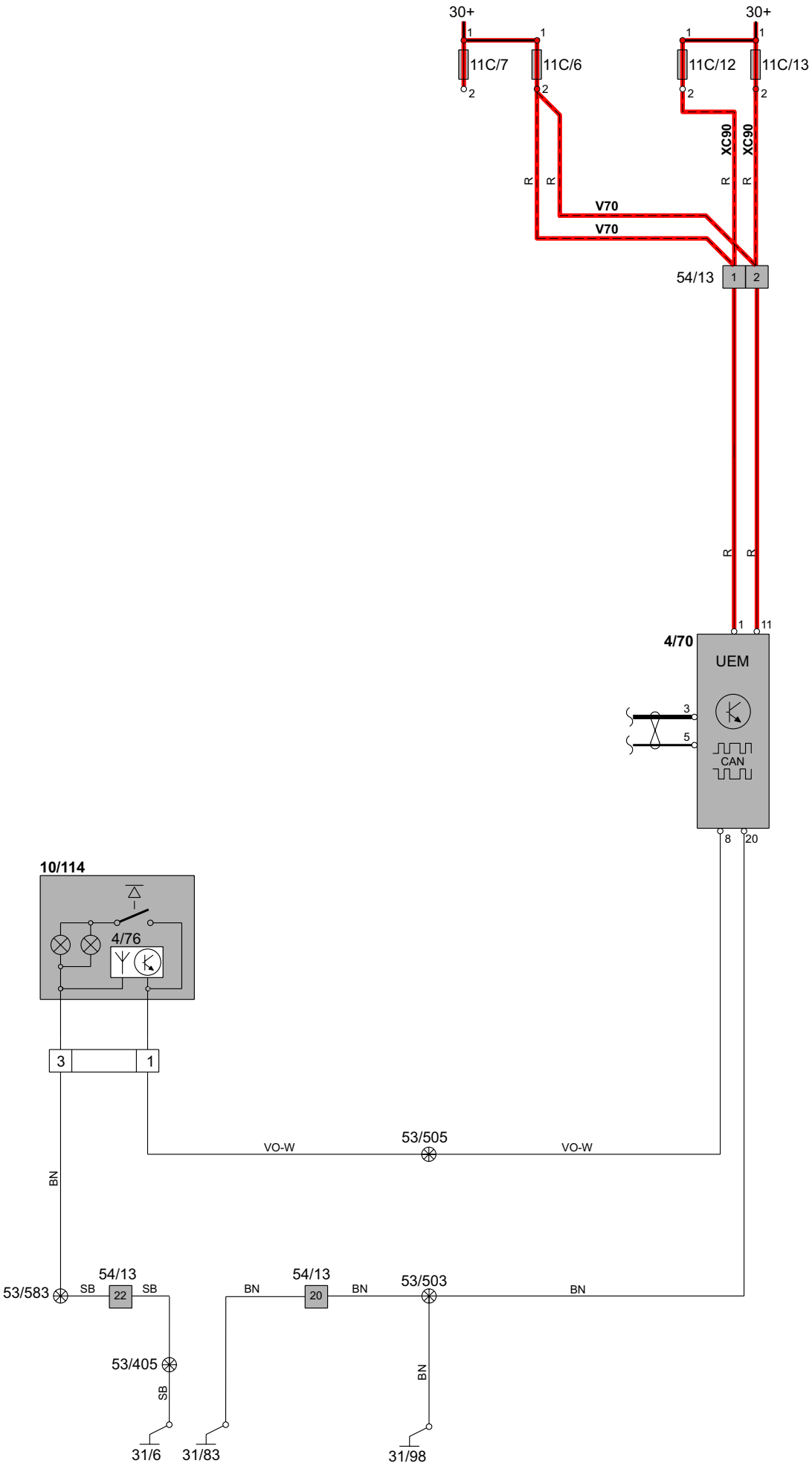
Group 87 Climate control system, Accessories
Remote parking heater start V70

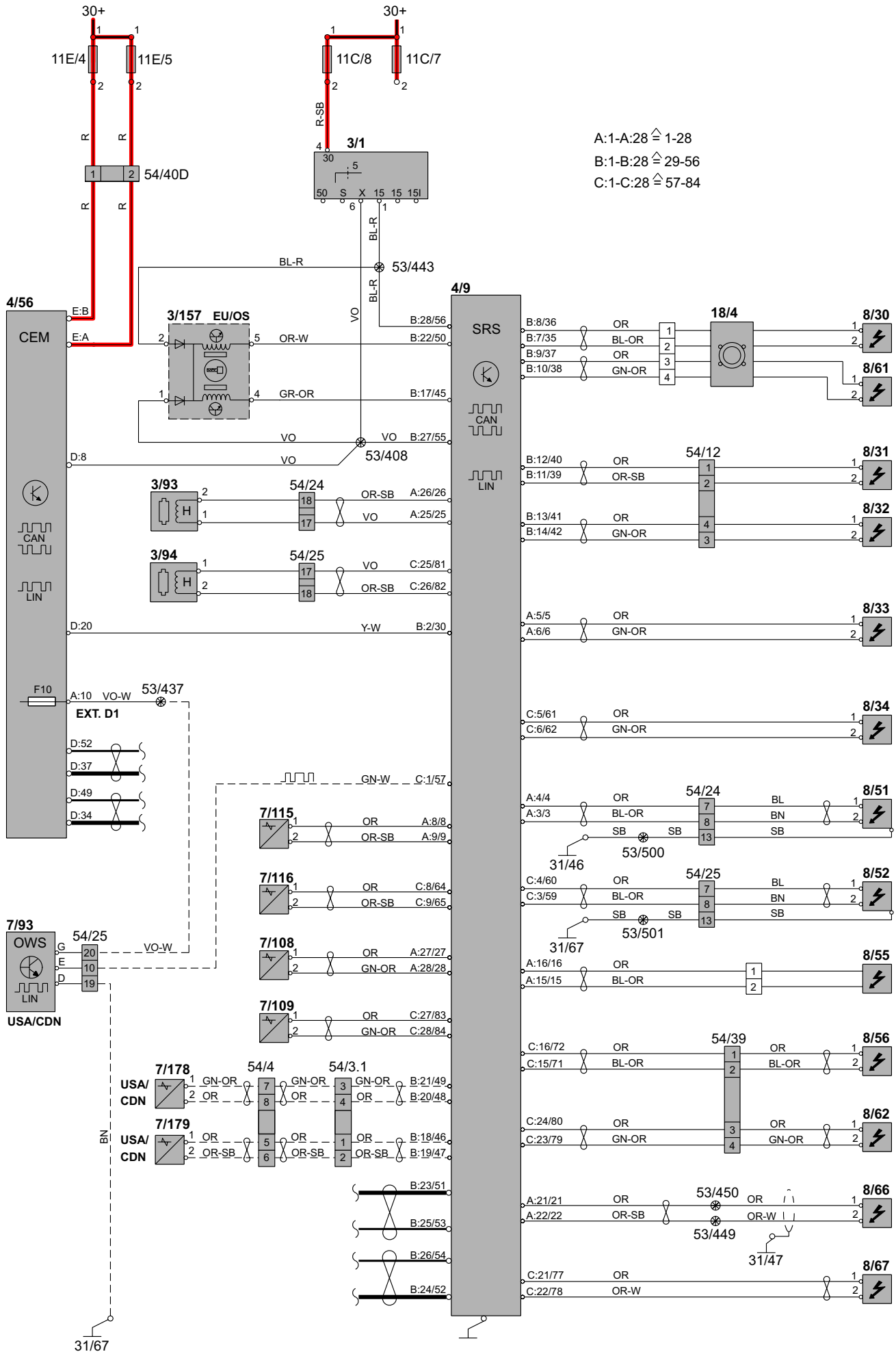


Group 87 Climate control system, Accessories
Parking heater call start V70

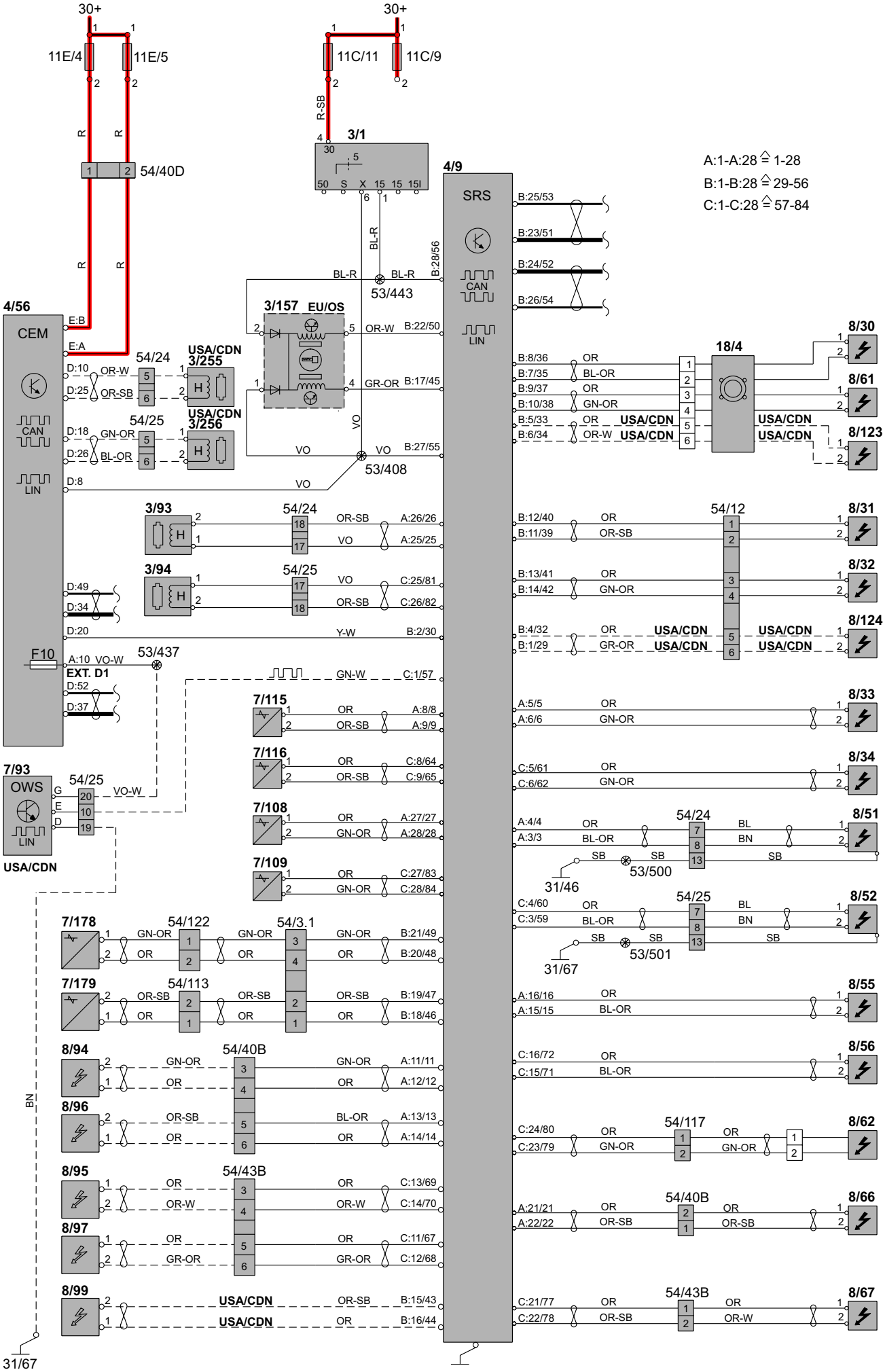



4/56
CEM
D:43
GN
D:44
BL
D:45
BN
54/36
7/130
7/143
7/130, 7/143 GND
30+
11E/4
11E/5
30+
11B/4
E:B
E:A
R
54/40D
F10
B:10
EXT. D1
CAN
LIN
D:49
D:34
C:21
C:22
C:32
54/9
GN-W
VO-W
R
4/7
6
15
9
CPM
12
BN
6/73
11
OR
4
Y
16
Y
3
SB
54/9
BN-SB
53/331
BN
53/397
BN
31/93


30+
30+
11C/7
11C/6
11C/12
11C/13
XC90
XC90
V70
V70
54/13
4/70
UEM
CAN
10/114
4/76
53/505
VO-W
VO-W
BN
53/583
54/13
SB
SB
22
53/405
SB
31/6
31/83
54/13
BN
BN
20
53/503
BN
BN
31/98


30+
11E/4
11E/5
11C/8
11C/7
R-SB
3/1
54/40D
A:1-A:28 ≙ 1-28
B:1-B:28 ≙ 29-56
C:1-C:28 ≙ 57-84
BL-R
53/443
4/56
CEM
E:B
E:A
3/157 EU/OS
OR-W
GR-OR
VO
B:28/56
B:22/50
B:17/45
B:27/55
53/408
D:8
4/9
SRS
CAN
LIN
3/93
54/24
OR-SB
A:26/26
A:25/25
3/94
54/25
C:25/81
C:26/82
D:20
Y-W
B:2/30
F10
A:10 VO-W
53/437
EXT. D1
D:52
D:37
D:49
D:34
GN-W
C:1/57
7/115
A:8/8
A:9/9
7/116
C:8/64
C:9/65
7/108
A:27/27
A:28/28
7/109
C:27/83
C:28/84
7/93
OWS
54/25
VO-W
USA/CDN
7/178
7/179
USA/CDN
54/4
54/3.1
GN-OR
OR
OR-SB
BN
B:21/49
B:20/48
B:18/46
B:19/47
B:23/51
B:25/53
B:26/54
B:24/52
31/67
18/4
B:8/36
B:7/35
B:9/37
B:10/38
BL-OR
GN-OR
8/30
8/61
54/12
B:12/40
B:11/39
B:13/41
B:14/42
8/31
8/32
A:5/5
A:6/6
8/33
C:5/61
C:6/62
8/34
54/24
A:4/4
A:3/3
BL
BN
SB
8/51
53/500
31/46
54/25
C:4/60
C:3/59
8/52
53/501
31/67
A:16/16
A:15/15
8/55
54/39
C:16/72
C:15/71
8/56
C:24/80
C:23/79
8/62
53/450
53/449
31/47
A:21/21
A:22/22
OR-W
8/66
C:21/77
C:22/78
8/67

Group 88 Internal equipment
Supplemental Restraint System module (SRS) XC90



Connectors
54/1B -54/1C

54/1B
14-pin gray

No.	Engine harness			Engine compartment harness		
1	6/139:2 6/140:2	Upper actuating motor, intake manifold Lower actuating motor, intake manifold	SB	53/397	Branching point	BN
2	53/315 54/99:11	Branching point, 5&6-cyl. Connector, 8-cyl.	GN	11B/12:2	Fuse in engine compartment fuse box	GN
3	53/309 54/129:5 53/335	Branching point, 6-cyl. Connector, 8-cyl. Branching point, Diesel	GN-GR	11B/15:2 53/396	Fuse in engine compartment fuse box Branching point, 8-cyl.	GN-GR
4	6/139:3 6/140:3	Upper actuating motor, intake manifold Lower actuating motor, intake manifold	GN-R GR-R	11B/13:2	Fuse in engine compartment fuse box	GN-SB
5	53/328	Branching point	GN-W	11B/10:2	Fuse in engine compartment fuse box	GN-W
6	8/3:1 8/3A:1	Electromagnetic clutch, climate control system, Diesel Electromagnetic clutch, climate control system, 6-Cyl. & 8-Cyl.	GR	2/22:1	Relay, climate control system	GR
7	7/15:4 53/304	Heated oxygen sensor, Diesel Branching point	GN-BN	11B/14:2	Fuse in engine compartment fuse box	GN-BN
8	6/25:2	Starter motor	GN-R	2/35:3	Relay, starter motor	GN-R
9	-		-	-		-
10	-		-	-		-
11	-		-	-		-
12	6/26B:1	Alternator Control Module (ACM)	GN-W	4/56C:16	Central Electronic Module (CEM)	GN-W
13	4/71:4	Cooling fan control module	VO	4/46A:7	Engine Control Module (ECM)	VO
14	4/46A:73 4/50:6 53/314	Engine Control Module (ECM) Electronic Throttle Module (ETM) Branching point	GN-SB GN	11B/13:2	Fuse in engine compartment fuse box	GN-SB

54/1C
2-pin gray

No.	Engine compartment harness			Diesel engine harness		
1	11A/1:2	Main fuse in engine compartment fuse box	R	4/109:11	Glow plug control module	R
2	-		-	-		-

Connectors
54/3.1:1-17

54/3.1
36-pin gray

No.	Passenger compartment harness			Engine compartment harness		
1	4/9B:18/46	Supplemental Restraint System module (SRS)	OR	54/4:5 54/113:1	Connector, V70 Connector, XC90	OR
2	4/9B:19/47	Supplemental Restraint System module (SRS)	OR-SB	54/4:6 54/113:2	Connector, V70 Connector, XC90	OR-SB
3	4/9B:21/49	Supplemental Restraint System module (SRS)	GN-OR	54/4:7 54/122:1	Connector, V70 Connector, XC90	GN-OR
4	4/9B:20/48	Supplemental Restraint System module (SRS)	OR	54/4:8 54/122:2	Connector, V70 Connector, XC90	OR
5	3/156A:2	Gear Selector Module (GSM)	GN-W	4/28B:21 4/28A:7 54/57.1:3	Transmission Control Module (TCM) Transmission Control Module (TCM), TF-80SC (AWD) Connector, Diesel, 6-Cyl.	GN-W
6	54/10:6	Connector	BN	4/46B:4 4/46B:9 53/324	Engine Control Module (ECM) Engine Control Module (ECM), 8-cyl. Branching point	BN
7	54/10:5	Connector	W	4/46B:29 4/46B:29 4/46B:35	Engine Control Module (ECM) Engine Control Module (ECM), 8-cyl. Engine Control Module (ECM), 6-cyl.	W OR-W
8	54/36:6	Connector	Y	4/46B:20 4/46B:47	Engine Control Module (ECM), 8-cyl. Engine Control Module (ECM)	Y
9	7/56:1	Sensor ABS, rear left	BN	4/16:36	Brake Control Module (BCM)	BN
10	7/56:2	Sensor ABS, rear left	Y	4/16:37	Brake Control Module (BCM)	Y
11	4/56D:32 53/584 54/74:3	Central Electronic Module (CEM), V70 Branching point Connector	W	4/16:11	Brake Control Module (BCM)	W
12	4/56D:47 53/585 54/74:1	Central Electronic Module (CEM), V70 Branching point Connector	GN	4/16:15	Brake Control Module (BCM)	GN
13	54/22:12	Connector	GN-W	4/118	Headlight Control Module (HCM)	GN-W
14	4/58C:4	Rear Electronic Module (REM)	Y	54/4:3 3/62:1	Connector, V70 Hood alarm contact, XC90	Y
15	54/13:15	Connector	P	16/35:2	Siren Control Module (SCM)	P
16	5/1:6	Driver Information Module (DIM)	Y-R	7/4:1	Brake fluid level sensor	Y-R
17	6/35:1	Fuel pump, auxiliary heater	Y	54/9:2	Connector	Y

continues

Connectors
54/3.1:18-36

54/3.1
36-pin gray

No.	Passenger compartment harness			Engine compartment harness		
18	5/1:2	Driver Information Module (DIM)	GR	4/46B:37 4/46B:46 4/46B:55	Engine Control Module (ECM), Diesel Engine Control Module (ECM) Engine Control Module (ECM), 8-cyl.	GR
19	7/57:1	Sensor ABS, rear right	BN-W	4/16:43	Brake Control Module (BCM)	BN-W
20	7/57:2	Sensor ABS, rear right	Y-W	4/16:42	Brake Control Module (BCM)	Y-W
21	7/164:1	Body Sensor Cluster Stability Sensor (BSC)	GN	4/16:25	Brake Control Module (BCM)	GN
22	7/164:2	Body Sensor Cluster Stability Sensor (BSC)	W	4/16:29	Brake Control Module (BCM)	W
23	7/164:3	Body Sensor Cluster Stability Sensor (BSC)	GR	4/16:6	Brake Control Module (BCM)	GR
24	7/164:5	Body Sensor Cluster Stability Sensor (BSC)	GR-W	4/16:39	Brake Control Module (BCM)	GR-W
25	5/1:5 54/23:12	Driver Information Module (DIM), XC90 Connector	Y GN-W	3/47:1 4/118:7	Parking brake contact, XC90 Headlight Control Module (HCM)	Y GN-W
26	3/156A:6 8/134	Gear Selector Module (GSM) Solenoid, reverse interlock, manual	SB	4/28A:54 53/329	Transmission Control Module (TCM) Branching point	SB
27	4/84A:9 54/22:10	Suspension Module (SUM), V70 Connector	GR-R GN-W	8/21:1 4/118:5	Shock absorber, Four-C, front right, V70 Headlight Control Module (HCM)	GR-R GN-W
28	4/84A:8 54/23:10	Suspension Module (SUM), V70 Connector	BN-W GN-W	8/21:2 4/118A:7	Shock absorber, Four-C, front right, V70 Headlight Control Module (HCM)	BN-W GN-W
29	4/84A:27	Suspension Module (SUM), V70	BN	7/119:2	Acceleration sensor, shock absorber, Four-C, front right, V70	BN
30	53/570	Branching point, V70	SB	53/355	Branching point, V70	SB
31	53/569	Branching point, V70	R	53/354	Branching point, V70	R
32	4/84A:22	Suspension Module (SUM), V70	VO	7/88:1	Acceleration sensor, Four-C, front right, V70	VO
33	4/84A:10	Suspension Module (SUM), V70	VO-W	7/87:1	Acceleration sensor, Four-C, front left, V70	VO-W
34	4/84A:12	Suspension Module (SUM), V70	Y-W	7/118:2	Acceleration sensor, shock absorber, Four-C, front left, V70	Y-W
35	4/84A:6	Suspension Module (SUM), V70	GN	8/20:1	Shock absorber, Four-C, front left, V70	GN
36	4/84A:7	Suspension Module (SUM), V70	BL-R	8/20:2	Shock absorber, Four-C, front left, V70	BL-R

Connectors
54/3.2 - 54/7

54/3.2
6-pin gray, LHD

No.	Passenger compartment harness			Engine compartment harness		
1	54/34:1	Connector	GN-GR	11B/15:2 53/396	Fuse in engine compartment fuse box Branching point, 8-cyl.	GN-GR
2	54/34:2	Connector	GN-R	4/46B:23 4/46B:34 4/46B:45	Engine Control Module (ECM), 8-cyl. Engine Control Module (ECM) Engine Control Module (ECM), 6-cyl.	GN-R
3	54/34:3	Connector	GN	4/46B:40 4/46B:46 4/46B:48	Engine Control Module (ECM) Engine Control Module (ECM), 6-cyl. Engine Control Module (ECM), 8-cyl.	GN
4	54/34:4	Connector	BL-SB	4/46B:7 4/46B:23 4/46B:33	Engine Control Module (ECM) Engine Control Module (ECM), 6-cyl. Engine Control Module (ECM), 8-cyl.	BL-SB
5-6	-		-	-		-

54/4
8-pin gray, V70

No.	Engine compartment harness			Front harness		
1	4/56B:15	Central Electronic Module (CEM)	R-SB	16/10:1	Horn 1	R-SB
2	4/56B:15	Central Electronic Module (CEM)	R-SB	16/11:1	Horn 2	R-SB
3	54/3.1:14	Connector	Y	3/62:1	Hood alarm contact	Y
4	53/331	Branching point	SB	53/382	Branching point	SB
5	54/3.1:1	Connector	OR	7/179:1	Front impact sensor, left	OR
6	54/3.1:2	Connector	OR-SB	7/179:2	Front impact sensor, left	OR-SB
7	54/3.1:3	Connector	GN-OR	7/178:1	Front impact sensor, right	GN-OR
8	54/3.1:4	Connector	OR	7/178:2	Front impact sensor, right	OR

54/7
3-pin gray, V70

No.	Engine compartment harness			Engine harness, Bi-Fuel		
1	4/46B:39	Engine Control Module (ECM)	VO	8/75:1	Valve, fuel cut-off DFCO	VO
2	4/46B:50	Engine Control Module (ECM)	P-SB	6/105:2	Fuel distributor, gas	P-SB
3	4/46B:32	Engine Control Module (ECM)	W	6/105:1	Fuel distributor, gas	W

Connectors
54/8 - 54/10:1-8

54/8
2-pin gray

No.	Engine compartment harness			Auxiliary light harness		
1	11B/5:2	Fuse in engine compartment fuse box	R-SB		30-feed	-
2	4/56C:9	Central Electronic Module (CEM)	BN-W		Signal ground	-

54/9
6-pin gray

No.	Engine compartment harness			Heater harness		
1	11B/4:2	Fuse in engine compartment fuse box	R	4/7:9	Combustion Preheater Module (CPM)	R
2	54/3.1:17	Connector	Y	9/30	Auxiliary heater	Y
3	53/331	Branching point	BN-SB	4/7:3 9/30	Combustion Preheater Module (CPM) Auxiliary heater	SB
4	4/56B:10	Central Electronic Module (CEM)	VO-W	4/7:15	Combustion Preheater Module (CPM)	VO-W
5	-		-	-		-
6	4/56C:32	Central Electronic Module (CEM)	GN-W	4/7:6	Combustion Preheater Module (CPM)	GN-W

54/10
12-pin black

No.	Passenger compartment harness			Front left door harness		
1	11C/5:2	Fuses in passenger compartment fuse box	R	3/126B:12	Driver/Passenger Door Module (DDM)/(PDM)	R
2	4/56A:8	Central Electronic Module (CEM)	BL-R	6/62:4	Left power exterior rearview mirror	BL-R
3	4/56D:39	Central Electronic Module (CEM)	W	3/126A:2	Driver/Passenger Door Module (DDM)/(PDM)	W
4	4/56D:54	Central Electronic Module (CEM)	GN	3/126A:3	Driver/Passenger Door Module (DDM)/(PDM)	GN
5	54/3.1:7	Connector	W	6/62:2	Left power exterior rearview mirror	OR-W
6	54/3.1:6	Connector	BN	6/62:3	Left power exterior rearview mirror	BN
7	4/56A:12 4/58A:21	Central Electronic Module (CEM), XC90 Rear Electronic Module (REM), XC90	GN-W	10/15:12	Direction indicator, front left fender, XC90	GN
8	4/58C:12	Rear Electronic Module (REM)	P	3/74:3	Left-hand front door lock unit	P

continues

Connectors
54/10:9-12 - 54/11:1-6

54/10
12-pin black

No.	Passenger compartment harness			Front left door harness		
9	16/1A:5	Integrated Audio Module (IAM)	GR	16/4:1	Left-hand front door speaker	GR-R
	16/1B:1 54/14:1 16/105B:9 16X/105B:9	Audio Module (AUM), V70 Connector, V70 Audio Module (AUD), XC90 Connector interface, original car, V70	GR-R			
10	16/1A:12	Integrated Audio Module (IAM)	GR-R	16/4:2	Left-hand front door speaker	GR
	16/1B:2 54/14:2 16/105B:1 16X/105B:1	Audio Module (AUM), V70 Connector, V70 Audio Module (AUD), XC90 Connector interface, original car, V70	GR			
11	31/66	Ground connection	SB	3/126B:5 53/514	Driver/Passenger Door Module (DDM)/(PDM) Branching point	SB
12	4/56D:24 54/11:12	Central Electronic Module (CEM), LHD Connector	GN-W	27/3:5	Left Camera Module (LCM)	GN-W

54/11
12-pin black

No.	Passenger compartment harness			Front right door harness		
1	11C/4:2 11C/6:2	Fuses in the passenger compartment fuse box, V70 Fuses in the passenger compartment fuse box, XC90	R	3/127B:12	Passenger/Driver Door Module (PDM)/(DDM)	R
2	4/56A:8	Central Electronic Module (CEM)	BL-R	6/63:4	Right power exterior rearview mirror	BL-R
3	53/433	Branching point	W	3/127A:2	Passenger/Driver Door Module (PDM)/(DDM)	W
4	53/434	Branching point	GN	3/127A:3	Passenger/Driver Door Module (PDM)/(DDM)	GN
5	-		-	-		-
6	-		-	-		-

continues

Connectors
54/11:7-12 - 54/12 V70

54/11
12-pin black

No.	Passenger compartment harness			Front right door harness		
7	4/56A:29 4/58A:20	Central Electronic Module (CEM), XC90 Rear Electronic Module (REM), XC90	GN	10/16:12	Direction indicator, front right door, XC90	GN-W
8	54/43:4	Connector	P	3/75:3	Right-hand front door lock unit	P
9	16/1A:4 16/1B:5 54/14:5 16/105B:11 16X/105B:11	Integrated Audio Module (IAM) Audio Module (AUM), V70 Connector, V70 Audio Module (AUD), XC90 Connector interface, original car, V70	GR-R	16/3:1	Right-hand front door speaker	GR-R
10	16/1A:11 16/1B:6 54/14:6 16/105B:3 16X/105B:3	Integrated Audio Module (IAM) Audio Module (AUM), V70 Connector, V70 Audio Module (AUD), XC90 Connector interface, original car, V70	GR	16/3:2	Right-hand front door speaker	GR
11	53/501	Branching point	SB	3/127B:5 53/515	Passenger/Driver Door Module (PDM)/(DDM) Branching point	SB
12	4/56D:24 54/10:12	Central Electronic Module (CEM), RHD Connector	GN-W	27/4:5	Right Camera Module (RCM)	GN-W

54/12
4-pin orange, V70

No.	Passenger compartment harness			Airbag harness		
1	4/9B:12/40	Supplemental Restraint System module (SRS)	OR	8/31:1	Airbag igniter, passenger side	-
2	4/9B:11/39	Supplemental Restraint System module (SRS)	OR-SB	8/31:2	Airbag igniter, passenger side	-
3	4/9B:14/42	Supplemental Restraint System module (SRS)	GN-OR	8/32:2	Igniter, airbag stage 2, passenger side	-
4	4/9B:13/41	Supplemental Restraint System module (SRS)	OR	8/32:1	Igniter, airbag stage 2, passenger side	-

Connectors
54/12 XC90 - 54/13:1-13

54/12
6-pin orange, XC90

No.	Passenger compartment harness			Airbag harness		
1	4/9B:12/40	Supplemental Restraint System module (SRS)	OR	8/31:1	Airbag igniter, passenger side	-
2	4/9B:11/39	Supplemental Restraint System module (SRS)	OR-SB	8/31:2	Airbag igniter, passenger side	-
3	4/9B:13/41	Supplemental Restraint System module (SRS)	OR	8/32:1	Igniter, airbag stage 2, passenger side	-
4	4/9B:14/42	Supplemental Restraint System module (SRS)	GN-OR	8/32:2	Igniter, airbag stage 2, passenger side	-
5	4/9B:4/32	Supplemental Restraint System module (SRS), USA/CDN	OR	8/124:1	Airbag igniter, passenger side, stage 3, USA/CDN	-
6	4/9B:1/29	Supplemental Restraint System module (SRS), USA/CDN	GR-OR	8/124:2	Airbag igniter, passenger side, stage 3, USA/CDN	-

54/13
22-pin black

No.	Passenger compartment harness			Roof harness		
1	11C/6:2 11C/12:2	Fuses in the passenger compartment fuse box, V70 Fuses in the passenger compartment fuse box, XC90	R	4/70:1	Upper Electronic Module (UEM)	R
2	11C/6:2 11C/12:2	Fuses in the passenger compartment fuse box, V70 Fuses in the passenger compartment fuse box, XC90	R	4/70:11	Upper Electronic Module (UEM)	R
3	-		-	-		-
4	-		-	-		-
5	4/56D:38	Central Electronic Module (CEM)	W	4/70:3	Upper Electronic Module (UEM)	W
6	4/56D:53	Central Electronic Module (CEM)	GN	4/70:5	Upper Electronic Module (UEM)	GN
7	-		-	-		-
8	-		-	-		-
9	-		-	-		-
10	-		-	-		-
11	-		-	-		-
12	-		-	-		-
13	-		-	-		-

continues

Connectors
54/13:14-22 - 54/14

54/13
22-pin black

No.	Passenger compartment harness			Roof harness		
14	4/56D:11	Central Electronic Module (CEM)	W	54/16:4	Connector	W
15	54/3.1:15	Connector	P	4/33A:4 4/70:21	Sun Roof Module (SRM) Upper Electronic Module (UEM)	P
16	4/58C:8	Rear Electronic Module (REM), V70	Y	7/136A:1	Glass breakage sensor, right, V70	Y
17	-		-	-		-
18	-		-	-		-
19	-		-	-		-
20	31/83	Ground connection, left-hand side A-post	BN	53/503	Branching point	BN
21	11C/7:2 11C/13:2	Fuses in the passenger compartment fuse box, V70 Fuses in the passenger compartment fuse box, XC90	R	4/33A:1	Sun Roof Module (SRM)	R
22	53/405	Branching point	SB	53/583	Branching point	SB

54/14
12-pin gray, V70

No.	Passenger compartment harness			Audio harness		
1	54/10:9	Connector	GR-R	16/2B:1	Amplifier	GR-R
2	54/10:10	Connector	GR	16/2B:2	Amplifier	GR
3	-		-	-		-
4	-		-	-		-
5	54/11:9	Connector	GR-R	16/2B:5	Amplifier	GR-R
6	54/11:10	Connector	GR	16/2B:6	Amplifier	GR
7	53/523	Branching point	GR-W	16/2B:7	Amplifier	GR-W
8	53/524	Branching point	GR	16/2B:8	Amplifier	GR
9-10	-		-	-		-
11	53/525	Branching point	GR-W	16/2B:11	Amplifier	GR-W
12	53/526	Branching point	GR	16/2B:12	Amplifier	GR

Connectors
54/16 - 54/20

54/16
5-pin green

No.	Roof harness			Rain sensor harness		
1	4/70:13	Upper Electronic Module (UEM)	GN	7/149:1	Rain Sensor Module (RSM)	GN
2	53/503	Branching point	BN	7/149:2	Rain Sensor Module (RSM)	BN
3	53/505	Branching point	VO-W	7/149:3	Rain Sensor Module (RSM)	VO-W
4	54/13:14	Connector	W	7/149:4	Rain Sensor Module (RSM)	W
5	-		-	-		-

54/20
12-pin black

No.	Passenger compartment harness			Rear left door harness		
1	16/1A:6 53/523	Integrated Audio Module (IAM) Branching point	GR-W	16/6:1	Speaker, left rear door	GR-W
2	16/1A:13 53/524	Integrated Audio Module (IAM) Branching point	GR	16/6:2	Speaker, left rear door	GR
3	4/58C:3	Rear Electronic Module (REM)	P	3/76:2	Lock unit, left rear door	P
4	4/58C:5	Rear Electronic Module (REM)	BL	3/76:5	Lock unit, left rear door	BL
5	4/58A:19	Rear Electronic Module (REM)	Y	3/85:1	Power window switch, left rear door	Y
6	4/58A:2	Rear Electronic Module (REM)	BL	3/85:3	Power window switch, left rear door	BL
7	4/58C:10	Rear Electronic Module (REM)	W	3/76:7	Lock unit, left rear door	W
8	4/58A:1	Rear Electronic Module (REM)	GN-BN	3/85:5	Power window switch, left rear door	GN-BN
9	4/58A:27	Rear Electronic Module (REM)	VO	2/138:1 3/76:8	Deadlock relay, left-hand rear door Lock unit, left rear door	VO
10	4/58A:24	Rear Electronic Module (REM)	GR	3/76:6	Lock unit, left rear door	GR
11	4/58A:23	Rear Electronic Module (REM)	Y	3/76:4	Lock unit, left rear door	Y
12	53/500	Branching point	SB	3/76:1 3/85:2	Lock unit, left rear door Power window switch, left rear door	SB

Connectors
54/21- 54/22:1-7 V70

54/21
12-pin black

No.	Passenger compartment harness			Rear right door harness		
1	16/1A:3 53/525	Integrated Audio Module (IAM) Branching point	GR-W	16/5:1	Speaker, right rear door	GR-W
2	16/1A:10 53/526	Integrated Audio Module (IAM) Branching point	GR	16/5:2	Speaker, right rear door	GR
3	54/43:5	Connector	P	3/77:2	Lock unit, right rear door	P
4	54/43:11	Connector	BL	3/77:5	Lock unit, right rear door	BL
5	54/43:7	Connector	Y	3/86:1	Power window switch, right rear door	Y
6	54/43:1	Connector	BL	3/86:3	Power window switch, right rear door	BL
7	54/43:14	Connector	W	3/77:7	Lock unit, right rear door	W
8	54/43:8	Connector	GN-BN	3/86:5	Power window switch, right rear door	GN-BN
9	54/43:6	Connector	VO	2/139:1 3/77:8	Deadlock relay, right-hand rear door Lock unit, right rear door	VO
10	54/43:3	Connector	GR	3/77:6	Lock unit, right rear door	GR
11	54/43:2	Connector	Y	3/77:4	Lock unit, right rear door	Y
12	53/501	Branching point	SB	3/77:1 3/86:2	Lock unit, right rear door Power window switch, right rear door	SB

54/22
12-pin black, V70

No.	Engine compartment harness			Harness, front left lamp housing		
1	53/398	Branching point	VO	6/38:3 10/1A:7	Motor, left headlight adjustment Lamp housing, front left	BL
2	4/56C:19	Central Electronic Module (CEM)	W	10/1A:3 10/71:1	Lamp housing, front left Side running light, front left	GR
3	4/56B:7	Central Electronic Module (CEM)	BL-W	10/1A:2	Lamp housing, front left	BL-Y
4	4/56B:8	Central Electronic Module (CEM)	BL-GN	10/1A:6	Lamp housing, front left	BL-GN
5	4/56C:1	Central Electronic Module (CEM)	GR-W	10/1A:5	Lamp housing, front left	GN
6	4/56C:12	Central Electronic Module (CEM)	GN-R	6/38:2	Motor, left headlight adjustment	GN-R
7	4/56B:27	Central Electronic Module (CEM)	BL	10/1A:1	Lamp housing, front left	W

continues

Connectors
54/22:8-12 V70 - 54/22 XC90

54/22
12-pin black, V70

No.	Engine compartment harness			Harness, front left lamp housing		
8	-		-	-		-
9	4/56B:31	Central Electronic Module (CEM)	GN	10/13:1	Direction indicator, front left	GN
10	53/301	Branching point	SB	6/38:1 10/1A:4 10/13:2 10/71:2	Motor, left headlight adjustment Lamp housing, front left Direction indicator, front left Side running light, front left	SB
11	-		-	-		-
12	54/3.1	Connector	GN-W	10/1A:7	Lamp housing, front left	-

54/22
10-pin black, XC90

No.	Engine compartment harness			Harness, front left lamp housing		
1	4/56B:27	Central Electronic Module (CEM)	BL	10/1A:1	Lamp housing, front left	SB
2	4/56B:7	Central Electronic Module (CEM)	BL-W	10/1A:2	Lamp housing, front left	SB
3	4/56C:19	Central Electronic Module (CEM)	W	10/11:1 10/71:1	Running/parking light, front left Side running light, front left	SB
4	53/301	Branching point	SB	6/38:1 10/1A:4 10/11:2 10/13:2 10/71:2	Motor, left headlight adjustment Lamp housing, front left Running/parking light, front left Direction indicator, front left Side running light, front left	SB
5	4/56C:1	Central Electronic Module (CEM)	GR	10/1A:5	Lamp housing, front left	SB
6	4/56B:8	Central Electronic Module (CEM)	BL-GN	10/1A:6	Lamp housing, front left	SB
7	53/398	Branching point	VO	6/38:3 10/1A:3	Motor, left headlight adjustment Lamp housing, front left	SB
8	4/56C:12	Central Electronic Module (CEM)	GN-R	6/38:2	Motor, left headlight adjustment	SB
9	4/56B:31	Central Electronic Module (CEM)	GN	10/13:1	Direction indicator, front left	GN
10	54/3.1	Connector	GN-W	10/1A:7	Lamp housing, front left	-

Connectors
54/23 V70

54/23
12-pin black, V70

No.	Engine compartment harness			Harness, front right lamp housing		
1	53/398	Branching point	VO	6/39:3 10/2A:7	Motor, right headlight adjustment Lamp housing, front right	BL
2	4/56C:20	Central Electronic Module (CEM)	GR	10/2A:3 10/73:1	Lamp housing, front right Side running light, front right	GR
3	4/56B:4	Central Electronic Module (CEM)	BL-Y	10/2A:2	Lamp housing, front right	BL-Y
4	4/56B:9	Central Electronic Module (CEM)	BL-P	10/2A:6	Lamp housing, front right	BL-GN
5	4/56C:2	Central Electronic Module (CEM)	GN	10/2A:5	Lamp housing, front right	GN
6	4/56C:11	Central Electronic Module (CEM)	GN-BN	6/39:2	Motor, right headlight adjustment	GN-R
7	4/56B:28	Central Electronic Module (CEM)	W	10/2A:1	Lamp housing, front right	W
8	4/56C:11	Central Electronic Module (CEM)	GN-BN	6/39:2	Motor, right headlight adjustment, XC90	GN-R
9	4/56B:32	Central Electronic Module (CEM)	GN-W	10/14:1	Direction indicator, front right	GN
10	53/303	Branching point	SB	6/39:1 10/2A:4 10/14:2 10/73:2	Motor, right headlight adjustment Lamp housing, front right Direction indicator, front right Side running light, front right	SB
11	-		-	-		-
12	54/3.1:25	Connector	GN-W	10/2A:7	Lamp housing, front right	-

Connectors
54/23 XC90 - 54/24:1-4

54/23
10-pin black, XC90

No.	Engine compartment harness			Harness, front right lamp housing		
1	4/56B:28	Central Electronic Module (CEM)	W	10/2A:1	Lamp housing, front right	SB
2	4/56B:4	Central Electronic Module (CEM)	BL-Y	10/2A:2	Lamp housing, front right	SB
3	4/56C:20	Central Electronic Module (CEM)	GR	10/12:1 10/73:1	Running/parking light, front right Side running light, front right	SB
4	53/303	Branching point	SB	6/39:1 10/2A:4 10/12:2 10/14:2 10/73:2	Motor, right headlight adjustment Lamp housing, front right Running/parking light, front right Direction indicator, front right Side running light, front right	SB
5	4/56C:2	Central Electronic Module (CEM)	GN	10/2A:5	Lamp housing, front right	SB
6	4/56B:9	Central Electronic Module (CEM)	BL-P	10/2A:6	Lamp housing, front right	SB
7	53/398	Branching point	VO	6/39:3 10/2A:3	Motor, right headlight adjustment Lamp housing, front right	SB
8	4/56C:11	Central Electronic Module (CEM)	GN-BN	6/39:2	Motor, right headlight adjustment	SB
9	4/56B:32	Central Electronic Module (CEM)	GN-W	10/14:1	Direction indicator, front right	GN
10	54/3.1:28	Connector	GN-W	10/2A:7	Lamp housing, front right	-

54/24
20-pin black

No.	Passenger compartment harness			Front left seat harness		
1	53/500	Branching point	SB	9/12A:1	Seat Heating Module (SHM), left-hand	-
2	4/56A:19	Central Electronic Module (CEM)	BL	9/12A:4	Seat Heating Module (SHM), left-hand	-
3	-		-	-		-
4	54/132:2	Connector	GN-W	9/12A:2	Seat Heating Module (SHM), left-hand	-

continues

Connectors
54/24:5-20

54/24
20-pin black

No.	Passenger compartment harness			Front left seat harness		
5	4/56D:10	Central Electronic Module (CEM), XC90 USA/CDN	OR-W	3/255:1	Front seat position sensor, XC90 USA/CDN	-
6	4/56D:25	Central Electronic Module (CEM), XC90 USA/CDN	OR-SB	3/255:2	Front seat position sensor, XC90 USA/CDN	-
7	4/9A:4/4	Supplemental Restraint System module (SRS)	OR	8/51:1	Front left side airbag igniter	BL
8	4/9A:3/3	Supplemental Restraint System module (SRS)	BL-OR	8/51:2	Front left side airbag igniter	BN
9	16/60:5	Phone Module (PHM), V70 LHD	GR-R	16/78:1	Cellular phone speaker, V70 LHD	-
10	16/60:4	Phone Module (PHM), V70 LHD	GR	16/78:2	Cellular phone speaker, V70 LHD	-
11	4/56D:51	Central Electronic Module (CEM), LHD	GN	4/52B:3	Power Seat Module (PSM), LHD	GN
	4/56D:27	Central Electronic Module (CEM), XC90 RHD	Y	7/175:1	Passenger seat weight sensor, seat belt reminder, XC90 RHD	Y
12	4/56D:36	Central Electronic Module (CEM), LHD	W	4/52B:2	Power Seat Module (PSM), LHD	W
	4/56D:28	Central Electronic Module (CEM), XC90 RHD	VO	7/175:2	Passenger seat weight sensor, seat belt reminder, XC90 RHD	VO
13	53/500	Branching point	SB	8/51	Front left side airbag igniter	SB
14	4/56A:22	Central Electronic Module (CEM), RHD	VO	3/27:3	Switch unit, power passenger seat, RHD	GN-R
	53/437	Branching point, LHD	VO-W	4/52B:1	Power Seat Module (PSM), LHD	
15	11C/1:2	Fuses in the passenger compartment fuse box, V70 LHD	R	4/52A:1	Power Seat Module (PSM), V70 LHD	BL-R
				3/27:1	Switch unit, power passenger seat, V70 RHD	
	11C/2:2	Fuses in the passenger compartment fuse box, V70 RHD		4/52A:1	Power Seat Module (PSM), XC90 LHD	
	11C/3:2	Fuses in the passenger compartment fuse box, XC90 LHD		3/27:1	Switch unit, power passenger seat, XC90 RHD	
	11C/4:2	Fuses in the passenger compartment fuse box, XC90 RHD				
16	53/500	Branching point	SB	3/27:2	Switch unit, power passenger seat, RHD	SB
	53/501	Branching point		4/52A:2	Power Seat Module (PSM), LHD	
				4/52B:4	Power Seat Module (PSM), LHD	
17	4/9A:25/25	Supplemental Restraint System module (SRS)	VO	3/93:1	Belt buckle contact, left seat	-
18	4/9A:26/26	Supplemental Restraint System module (SRS)	OR-SB	3/93:2	Belt buckle contact, left seat	-
19	-		-	-		-
20	-		-	-		-

Connectors
54/25:1-14

54/25
20-pin black

No.	Passenger compartment harness			Front right seat harness		
1	53/501	Branching point	SB	9/13A:1	Seat Heating Module (SHM), right-hand	-
2	4/56A:18	Central Electronic Module (CEM)	BL	9/13A:4	Seat Heating Module (SHM), right-hand	-
3	-		-	-		-
4	54/132:5	Connector	GN-W	9/13A:2	Seat Heating Module (SHM), right-hand	-
5	4/56D:18	Central Electronic Module (CEM), XC90 USA/CDN	GN-OR	3/256:1	Passenger seat position sensor, XC90 USA/CDN	-
6	4/56D:26	Central Electronic Module (CEM), XC90 USA/CDN	BL-OR	3/256:2	Passenger seat position sensor, XC90 USA/CDN	-
7	4/9C:4/60	Supplemental Restraint System module (SRS)	OR	8/52:1	Front right side airbag igniter	BL
8	4/9C:3/59	Supplemental Restraint System module (SRS)	BL-OR	8/52:2	Front right side airbag igniter	BN
9	16/60:5	Phone Module (PHM), V70 RHD	GR-R	16/78:1	Cellular phone speaker, V70 RHD	-
10	4/9C:1/57	Supplemental Restraint System module (SRS), USA/CDN	GN-W	7/93:E	Occupant Weight Sensor (OWS), USA/CDN	-
	16/60:4	Phone Module (PHM), V70 RHD	GR	16/78:2	Cellular phone speaker, V70 RHD	
11	4/56D:51	Central Electronic Module (CEM), RHD	GN	4/52B:3	Power Seat Module (PSM), RHD	GN
	4/56D:27	Central Electronic Module (CEM), XC90 LHD	Y	7/175:1	Passenger seat weight sensor, seat belt reminder, XC90 LHD	Y
12	4/56D:36	Central Electronic Module (CEM), RHD	W	4/52B:2	Power Seat Module (PSM), RHD	W
	4/56D:28	Central Electronic Module (CEM), XC90 LHD	VO	7/175:2	Passenger seat weight sensor, seat belt reminder, XC90 LHD	VO
13	53/501	Branching point	SB	8/52	Front right side airbag igniter	SB
14	4/56A:22	Central Electronic Module (CEM), LHD	VO	3/27:3	Switch unit, power passenger seat, LHD	GN-R
	53/437	Branching point, RHD	VO-W	4/52B:1	Power Seat Module (PSM), RHD	

continues

Connectors
54/25:15-20 - 54/32

54/25
20-pin black

No.	Passenger compartment harness			Front right seat harness		
15	11C/1:2 11C/2:2 11C/3:2 11C/4:2	Fuses in the passenger compartment fuse box, V70 RHD Fuses in the passenger compartment fuse box, V70 LHD Fuses in the passenger compartment fuse box, XC90 RHD Fuses in the passenger compartment fuse box, XC90 LHD	R	4/52A:1 3/27:1 4/52A:1 3/27:1	Power Seat Module (PSM), V70 RHD Switch unit, power passenger seat, V70 LHD Power Seat Module (PSM), XC90 RHD Switch unit, power passenger seat, XC90	BL-R
16	53/501 53/560	Branching point Branching point	SB	3/27:2 4/52A:2 4/52B:4	Switch unit, power passenger seat, LHD Power Seat Module (PSM), RHD Power Seat Module (PSM), RHD	SB
17	4/9C:25/81	Supplemental Restraint System module (SRS)	VO	3/94:1	Belt buckle contact, right seat	-
18	4/9C:26/82	Supplemental Restraint System module (SRS)	OR-SB	3/94:2	Belt buckle contact, right seat	-
19	31/67	Ground connection, USA/CDN	BN	7/93:D	Occupant Weight Sensor (OWS), USA/CDN	-
20	53/437	Branching point, USA/CDN	VO-W	7/93:G	Occupant Weight Sensor (OWS), USA/CDN	-

54/32
3-pin gray

No.	Passenger compartment harness			Rear left angle sensor harness		
1	4/58C:11	Rear Electronic Module (REM)	GN-R	7/120:5	Rear left angle sensor, Four-C/Bi-Xenon	BL-R
2	4/58C:6	Rear Electronic Module (REM)	GR	7/120:4	Rear left angle sensor, Four-C/Bi-Xenon	GR-W
3	4/58C:9	Rear Electronic Module (REM)	BN-W	7/120:1	Rear left angle sensor, Four-C/Bi-Xenon	BN

Connectors
54/34 - 54/36

54/34
4-pin gray

No.	Passenger compartment harness			Fuel leakage pump harness		
1	54/3.2:1	Connector	GN-GR	6/67:4	Pump, fuel leakage control	GN-GR
2	54/3.2:2	Connector	GN-R	6/67:2	Pump, fuel leakage control	GN-R
3	54/3.2:3	Connector	GN	6/67:3	Pump, fuel leakage control	GN
4	54/3.2:4	Connector	BL-SB	6/67:1	Pump, fuel leakage control	BL-SB

54/35
4-pin gray

No.	Cargo compartment harness			Heated fuel filter harness		
1-2	-		-	-		-
3	4/58B:15	Rear Electronic Module (REM)	BL	8/85:1	Thermostatic switch and fuel filter heating	BL
4	53/604	Branching point	SB	8/85:2	Thermostatic switch and fuel filter heating	SB

54/36
6-pin gray

No.	Passenger compartment harness			Fuel tank/cargo compartment harness		
1	4/56D:44	Central Electronic Module (CEM)	BL	6/33:4 6/33:P	Fuel pump Fuel pump	BL -
2	4/56D:45	Central Electronic Module (CEM)	BN	6/33:3 6/33	Fuel pump Fuel pump	BN -
3	4/56D:43	Central Electronic Module (CEM)	GN	6/33:2 6/33:E	Fuel pump Fuel pump	GN -
4	31/48	Ground connection	SB	53/579 6/33	Branching point Fuel pump	SB -
5	4/56A:16	Central Electronic Module (CEM)	BL	4/83:2 6/33	Control module fuel pump Fuel pump	BL -
6	54/3.1:8	Connector	Y	4/83:1	Control module fuel pump	Y

Connectors
54/39 - 54/40C

54/39
4-pin orange, V70

No.	Passenger compartment harness			Belt tensioner harness		
1	4/9C:16/72	Supplemental Restraint System module (SRS)	OR	8/56:1	Igniter, right rear belt tensioner	OR
2	4/9C:15/71	Supplemental Restraint System module (SRS)	BL-OR	8/56:2	Igniter, right rear belt tensioner	BL-OR
3	4/9C:24/80	Supplemental Restraint System module (SRS)	OR	8/62:1	Belt tensioner igniter, center rear seat	OR
4	4/9C:23/79	Supplemental Restraint System module (SRS)	GN-OR	8/62:2	Belt tensioner igniter, center rear seat	GN-OR

54/40B
8-pin gray, XC90

No.	Passenger compartment harness			Cargo compartment harness		
1	4/9A:22/22	Supplemental Restraint System module (SRS)	OR-SB	8/66:2	Igniter, left inflatable curtain	OR-W
2	4/9A:21/21	Supplemental Restraint System module (SRS)	OR	8/66:1	Igniter, left inflatable curtain	OR
3	4/9A:11/11	Supplemental Restraint System module (SRS)	GN-OR	8/94:2	Left-hand belt tensioner igniter, third row of seats	GN-OR
4	4/9A:12/12	Supplemental Restraint System module (SRS)	OR	8/94:1	Left-hand belt tensioner igniter, third row of seats	OR
5	4/9A:13/13	Supplemental Restraint System module (SRS)	BL-OR	8/96:2	Left-hand inflatable curtain igniter, third row of seats	OR-SB
6	4/9A:14/14	Supplemental Restraint System module (SRS)	OR	8/96:1	Left-hand inflatable curtain igniter, third row of seats	OR
7-8	-		-	-		-

54/40C
2-pin black

No.	Passenger compartment harness			Cargo compartment harness		
1	53/415	Branching point	R	11E/6:2	Main fuses at battery	R
2	53/403	Branching point	R	11E/7:2	Main fuses at battery	R

Connectors
54/40D - 54/43

54/40D
2-pin black

No.	Passenger compartment harness			Cargo compartment harness		
1	4/56E:B	Central Electronic Module (CEM)	R	11E/4:2	Main fuses at battery	R
2	4/56E:A	Central Electronic Module (CEM)	R	11E/5:2	Main fuses at battery	R

54/43
14-pin gray

No.	Passenger compartment harness			Cargo compartment harness		
1	54/21:6	Connector	BL	4/58B:2	Rear Electronic Module (REM)	BL
2	54/21:11	Connector	Y	6/37:2	Lock motor, fuel filler flap	Y
3	54/21:10	Connector	GR	4/58B:12	Rear Electronic Module (REM)	GR
4	54/11:8	Connector	P	4/58D:29	Rear Electronic Module (REM)	P
5	54/21:3	Connector	P	4/58D:33	Rear Electronic Module (REM)	P
6	54/21:9	Connector	VO	4/58B:24	Rear Electronic Module (REM)	VO
7	54/21:5	Connector	Y	4/58B:30	Rear Electronic Module (REM)	Y
8	54/21:8	Connector	GN-BN	4/58B:1	Rear Electronic Module (REM)	GN-BN
9	53/525	Branching point	GR-W	16/58:1 53/652	Speaker, right-hand D-post Branching point, V70	GR-W
10	53/526	Branching point	GR	16/58:2 53/653	Speaker, right-hand D-post Branching point, V70	GR
11	54/21:4	Connector	BL	4/58D:28	Rear Electronic Module (REM)	BL
12	53/524	Branching point	GR	16/57:2 53/655	Speaker, left-hand D-post Branching point, V70	GR
13	53/523	Branching point	GR-W	16/57:1 53/654	Speaker, left-hand D-post Branching point, V70	GR-W
14	54/21:7	Connector	W	4/58D:4	Rear Electronic Module (REM)	W

Connectors
54/43B - 54/53

54/43B
8-pin gray, XC90

No.	Passenger compartment harness			Cargo compartment harness		
1	4/9C:21/77	Supplemental Restraint System module (SRS)	OR	8/67:1	Igniter, right inflatable curtain	OR
2	4/9C:22/78	Supplemental Restraint System module (SRS)	OR-SB	8/67:2	Igniter, right inflatable curtain	OR-W
3	4/9C:13/69	Supplemental Restraint System module (SRS)	OR	8/95:1	Right-hand belt tensioner igniter, third row of seats	OR
4	4/9C:14/70	Supplemental Restraint System module (SRS)	OR-W	8/95:2	Right-hand belt tensioner igniter, third row of seats	OR-W
5	4/9C:11/67	Supplemental Restraint System module (SRS)	OR	8/97:1	Right-hand inflatable curtain igniter, third row of seats	OR
6	4/9C:12/68	Supplemental Restraint System module (SRS)	GR-OR	8/97:2	Right-hand inflatable curtain igniter, third row of seats	GR-OR
7-8	-		-	-		-

54/50
2-pin gray

No.	Cargo compartment harness			Trunk lid/tailgate harness		
1	53/601	Branching point	SB	6/32:3 7/137C:1 9/2C:1	Rear window wiper motor, V70 Glass breakage sensor, tail-gate, V70 Heated rear window, V70	SB
				6/32:3 7/137C:1 9/2C:1	Rear window wiper motor, XC90 Glass breakage sensor, rear window, XC90 Heated rear window, XC90	W
2	-		-	-		-

54/53
4-pin gray

No.	Engine harness 5-Cyl. T & 6-Cyl.			Knock sensor harness		
1	4/46A:19 4/46A:46	Engine Control Module (ECM), 8-cyl. Engine Control Module (ECM)	R BN-SB	7/24:1	Front knock sensor	R -
2	4/46A:42 4/46A:64	Engine Control Module (ECM), 8-cyl. Engine Control Module (ECM)	SB	7/24:2	Front knock sensor	SB -
3	4/46A:20 4/46A:45	Engine Control Module (ECM), 8-cyl. Engine Control Module (ECM)	BL BN	7/23:1	Rear knock sensor	BL -
4	4/46A:43 4/46A:67	Engine Control Module (ECM), 8-cyl. Engine Control Module (ECM)	GR Y-SB	7/23:2	Rear knock sensor	GR -

Connectors
54/54 - 54/56

54/54
8-pin gray, V70

No.	Cargo compartment harness			Fuel tank harness, Bi-Fuel		
1	4/58D:14	Rear Electronic Module (REM)	GR-R	7/156:1	Pressure and temperature sensor, Bi-Fuel	GR-R
2	4/58D:15	Rear Electronic Module (REM)	VO	7/156:2	Pressure and temperature sensor, Bi-Fuel	VO
3	4/58D:27	Rear Electronic Module (REM)	Y	7/156:3	Pressure and temperature sensor, Bi-Fuel	Y
4	4/58D:8	Rear Electronic Module (REM)	Y-GR	7/156:4	Pressure and temperature sensor, Bi-Fuel	Y-GR
5-6	-		-	-		-
7	54/106:1	Connector	Y-R	8/88:1	Solenoid, fuel tank, Bi-Fuel, rear	Y-R
8	53/604	Branching point	SB	8/88:2	Solenoid, fuel tank, Bi-Fuel, rear	SB

54/55
3-pin black, RHD

No.	Engine compartment harness			Brake pressure sensor harness		
1	4/16:19	Brake Control Module (BCM)	GN-BN	7/129:1	Brake pressure sensor 2	BN
2	4/16:20	Brake Control Module (BCM)	GN-W	7/129:2	Brake pressure sensor 2	W
3	4/16:18	Brake Control Module (BCM)	GR-W	7/129:3	Brake pressure sensor 2	GR

54/56
3-pin black, RHD

No.	Engine compartment harness			Brake pressure sensor harness		
1	4/16:21	Brake Control Module (BCM)	BL-BN	7/139:1	Brake pressure sensor 1	BN
2	4/16:23	Brake Control Module (BCM)	OR-W	7/139:2	Brake pressure sensor 1	W
3	4/16:22	Brake Control Module (BCM)	GR-OR	7/139:3	Brake pressure sensor 1	GR

Connectors
54/57.1 - 54/74

54/57.1
8-pin gray, Diesel, 6 Cyl.

No.	Automatic transmission harness			Engine compartment harness		
1	4/28A:1	Transmission Control Module (TCM)	R	11B/9:2	Fuse in engine compartment fuse box	R
2	-		-	-		-
3	4/28A:7	Transmission Control Module (TCM)	GN-W	54/3.1:5	Connector	GN-W
4	4/28A:11	Transmission Control Module (TCM)	BL-R	4/56C:13	Central Electronic Module (CEM)	BL-R
5	4/28A:5	Transmission Control Module (TCM)	Y	4/46B:13 4/46B:34	Engine Control Module (ECM), 6-cyl. Engine Control Module (ECM), Diesel	Y
6	4/28A:6	Transmission Control Module (TCM)	GN	53/353	Branching point	GN
7	4/28A:14	Transmission Control Module (TCM)	W	53/352	Branching point	W
8	4/28A:9	Transmission Control Module (TCM)	SB	53/329	Branching point	SB

54/66.1
2-pin gray, XC90

No.	Cargo compartment harness			Subwoofer harness		
1	31/73	Ground connection	SB	16/79A:1	Subwoofer Module (SUB)	SB
2	4/58B:19	Rear Electronic Module (REM)	R-W	16/79A:3	Subwoofer Module (SUB)	RW

54/66.2
2-pin black, XC90

No.	Cargo compartment harness			Subwoofer harness		
1	16/1C:2	Integrated Audio Module (IAM)	OR	16/79B:1	Subwoofer Module (SUB)	OR
2	16/94C:1	Infotainment Control Module (ICM)	OR	16/79B:2	Subwoofer Module (SUB)	OR

54/74
4-pin yellow

No.	Passenger compartment harness			Harness, all wheel drive module		
1	4/56D:47 53/585 54/3.1:12	Central Electronic Module (CEM) Branching point Connector	GN	4/82:7	Differential Electronic Module (DEM)	GN
2	4/58A:14	Rear Electronic Module (REM)	BL	4/82:1	Differential Electronic Module (DEM)	BL-R
3	4/56D:32 53/584 54/3.1:11	Central Electronic Module (CEM) Branching point Connector	W	4/82:8	Differential Electronic Module (DEM)	W
4	31/46	Ground connection	SB	4/82:2 4/82:4	Differential Electronic Module (DEM) Differential Electronic Module (DEM)	BN SB

Connectors
54/98 - 54/106

54/98
5-pin green, XC90

No.	Cargo compartment harness			Rear seat entertainment harness	
1	4/58B:8	Rear Electronic Module (REM)	R-W	30-feed	-
2	4/58D:34	Rear Electronic Module (REM)	VO	X-feed	-
3	10/18A:4	Lamp housing, rear left	BL	Reversing light	-
4	-		-	-	-
5	53/604	Branching point	SB	Ground connection	-

54/100
2-pin black

No.	Diesel engine harness			Impulse sensor harness		
1	4/46A:77	Engine Control Module (ECM)	GR-R	7/25:1	Impulse sensor	GR-R
2	4/46A:53	Engine Control Module (ECM)	GR	7/25:2	Impulse sensor	GR

54/106
4-pin gray, V70

No.	Cargo compartment harness			Fuel tank harness, Bi-Fuel front		
1	4/58B:25 54/54:7	Rear Electronic Module (REM) Connector	Y-R	8/89:1 8/90:1	Solenoid, fuel tank, Bi-Fuel, front left Solenoid, fuel tank, Bi-Fuel, front right	Y-R
2	53/604	Branching point	SB	8/89:2 8/90:2	Solenoid, fuel tank, Bi-Fuel, front left Solenoid, fuel tank, Bi-Fuel, front right	SB
3	-		-	-		-
4	-		-	-		-

Connectors
54/107 - 54/112

54/107
10-pin gray, V70

No.	Passenger compartment harness			Four-C rear harness		
1	4/84A:5	Suspension Module (SUM)	GN-GR	8/23:1	Shock absorber, Four-C, rear right	GN-GR
2	4/84A:4	Suspension Module (SUM)	W	8/23:2	Shock absorber, Four-C, rear right	W
3	4/84A:23	Suspension Module (SUM)	GR	7/120:1 7/121:1	Rear left angle sensor, Four-C/Bi-Xenon Rear right angle sensor, Four-C	GR
4	4/84A:14	Suspension Module (SUM)	Y	7/121:4	Rear right angle sensor, Four-C	Y
5	53/569	Branching point	R	7/121:5	Rear right angle sensor, Four-C	P
6	4/84A:25	Suspension Module (SUM)	R-W	7/120:5	Rear left angle sensor, Four-C/Bi-Xenon	R-W
7	4/84A:28	Suspension Module (SUM)	Y-R	7/120:4	Rear left angle sensor, Four-C/Bi-Xenon	Y-R
8	4/84A:2	Suspension Module (SUM)	GN-GR	8/22:1	Shock absorber, Four-C, rear left	GN-GR
9	4/84A:1	Suspension Module (SUM)	BL	8/22:2	Shock absorber, Four-C, rear left	BL
10	-		-	-		-

54/112
4-pin gray, XC90

No.	Passenger compartment harness			Infotainment harness	
1	53/452	Branching point	VO-W	30-feed	-
2	53/454	Branching point	VO	Extended D-feed	-
3	-		-	-	-
4	53/438	Branching point	BN	Ground connection	-

Connectors
54/113 - 54/132

54/113
2-pin black, XC90

No.	Engine compartment harness			Front left impact sensor harness		
1	54/3.1:1	Connector	OR	7/179:1	Front impact sensor, left	OR
2	54/3.1:2	Connector	OR-SB	7/179:2	Front impact sensor, left	OR-SB

54/117
2-pin orange, XC90

No.	Passenger compartment harness			Belt tensioner harness		
1	4/9C:24/80	Supplemental Restraint System module (SRS)	OR	8/62:1	Belt tensioner igniter, center rear seat	OR
2	4/9C:23/79	Supplemental Restraint System module (SRS)	GN-OR	8/62:2	Belt tensioner igniter, center rear seat	GN-OR

54/122
2-pin black, XC90

No.	Passenger compartment harness			Front right impact sensor harness		
1	54/3.1:3	Connector	GN-OR	7/178:1	Front impact sensor, right	GN-OR
2	54/3.1:4	Connector	OR	7/178:2	Front impact sensor, right	OR

54/132
6-pin gray

No.	Passenger compartment harness			Climate control system harness		
1	53/437	Branching point	VO-W	53/458	Branching point	R
2	3/112A:12 54/24:4	Climate Control Module (CCM) Connector	GN-W	53/461	Branching point	GN-Y
3	3/112A:5	Climate Control Module (CCM)	VO	7/41:4	Temperature sensor evaporator	VO
4	3/112A:13	Climate Control Module (CCM)	BN	7/41:3	Temperature sensor evaporator	BN
5	3/112A:7 54/25:4	Climate Control Module (CCM) Connector	GN-W	53/460 6/96:2	Branching point Damper Motor Module (DMM), temperature, right-hand side, RHD MCC	Y
6	53/438	Branching point	BN	53/459	Branching point	BL

Connectors
54/134 - 54/137A

54/134
12-pin gray, XC90

No.	Passenger compartment harness			Harness AUX/12V		
1	16/1A:9	Integrated Audio Module (IAM)	W	17/40A:1 17/40.1:6	External equipment input (AUX) External equipment input (AUX)	W
2	16/1A:14	Integrated Audio Module (IAM)	GN	17/40A:2 17/40.1:7	External equipment input (AUX) External equipment input (AUX)	GN
3	54/1401:4	Connector	GN	17/40.1:1	External equipment input (AUX)	GN
4	54/1401:1	Connector	BN	17/40.1:2	External equipment input (AUX)	BN
5	-		-	-		-
6	9/1:1	Outlet 12V front	SB	9/25:2	Outlet 12V rear	SB
7	16/1A:7	Integrated Audio Module (IAM)	BN	17/40A:4 17/40.1:5	External equipment input (AUX) External equipment input (AUX)	BN
8	54/1401:2	Connector	W	17/40.1:3	External equipment input (AUX)	W
9	54/1401:3	Connector	Y	17/40.1:4	External equipment input (AUX)	Y
10	-		-	-		-
11	-		-	-		-
12	9/1:2	Outlet 12V front	VO	9/25:1	Outlet 12V rear	VO

54/134.2
4-pin gray, V70

No.	Passenger compartment harness			Harness AUX		
1	16/1A:5	Audio Module (AUM)	GN	17/40.2A:1	External equipment input (AUX)	GN
2	16/1A:4	Audio Module (AUM)	W	17/40.2A:2	External equipment input (AUX)	W
3	-		-	-		-
4	16/1A:3	Audio Module (AUM)	BN	17/40.2A:4	External equipment input (AUX)	BN

54/137A
3-pin gray, V70

No.	RSE adapter harness			RSE cabin harness		
1	53/1405	Branching point	BL	16/122:2	Rear Audio Separation module (RAS)	BL
2	11M/2:2	Fuse in spare fuse holder, cargo compartment	VO	53/1403	Branching point	VO
3	11M/1:2	Fuse in spare fuse holder, cargo compartment	R	53/1404	Branching point	R

Connectors
54/139 - 54/140

54/139
12-pin gray, XC90

No.	Passenger compartment harness		RSE left backrest harness	
1	54/1401:6 Connector	SB	54/276:1 Connector	SB
2	54/1402:1 Connector	R-W	54/276:2 Connector	R-W
3	54/1402:2 Connector	VO	54/276:3 Connector	VO-GR
4	54/1402:3 Connector	GN	54/276:4 Connector	GN
5	54/1402:4 Connector	W	54/276:5 Connector	W
6	54/1402:5 Connector	-	54/276:6 Connector	-
7	54/1402:6 Connector	P	54/276:7 Connector	P
8	54/1402:7 Connector	GR	54/276:8 Connector	GR
9	54/1402:8 Connector	Y	54/276:9 Connector	Y
10	54/1402:9 Connector	GN	54/276:10 Connector	GN
11	54/1402:10 Connector	BN	54/276:11 Connector	BN
12	54/1402:11 Connector	W	54/276:12 Connector	W

54/140
12-pin gray, XC90

No.	Passenger compartment harness		RSE right backrest harness	
1	54/1401:5 Connector	SB	54/277:1 Connector	SB
2	54/1402:12 Connector	R-W	54/277:2 Connector	R-W
3	54/1402:13 Connector	VO	54/277:3 Connector	VO-GR
4	54/1402:14 Connector	GN	54/277:4 Connector	GN
5	54/1402:15 Connector	W	54/277:5 Connector	W
6	54/1402:16 Connector	-	54/277:6 Connector	-
7	54/1402:17 Connector	P	54/277:7 Connector	P
8	54/1402:18 Connector	GR	54/277:8 Connector	GR
9	54/1402:19 Connector	Y	54/277:9 Connector	Y
10	54/1402:20 Connector	GN	54/277:10 Connector	GN
11	54/1402:21 Connector	BN	54/277:11 Connector	BN
12	54/1402:22 Connector	W	54/277:12 Connector	W

Connectors
54/274 - 54/275

54/274
12-pin gray, V70

No.	RSE cabin harness		RSE left backrest harness	
1	54/1401:9 Connector	SB	54/276:1 Connector	SB
2	54/1402:9 Connector	R-W	54/276:2 Connector	R-W
3	54/1402:8 Connector	VO-GR	54/276:3 Connector	VO-GR
4	54/1402:7 Connector	GN	54/276:4 Connector	GN
5	54/1402:6 Connector	W	54/276:5 Connector	W
6	54/1402:10 Connector	-	54/276:6 Connector	-
7	54/1402:22 Connector	P	54/276:7 Connector	P
8	54/1402:21 Connector	GR	54/276:8 Connector	GR
9	54/1402:20 Connector	Y	54/276:9 Connector	Y
10	54/1402:19 Connector	GN	54/276:10 Connector	GN
11	54/1402:18 Connector	BN	54/276:11 Connector	BN
12	54/1402:17 Connector	W	54/276:12 Connector	W

54/275
12-pin gray, V70

No.	RSE cabin harness		RSE right backrest harness	
1	54/1401:10 Connector	SB	54/277:1 Connector	SB
2	54/1402:2 Connector	R-W	54/277:2 Connector	R-W
3	54/1402:3 Connector	VO-GR	54/277:3 Connector	VO-GR
4	54/1402:4 Connector	GN	54/277:4 Connector	GN
5	54/1402:5 Connector	W	54/277:5 Connector	W
6	54/1402:1 Connector	-	54/277:6 Connector	-
7	54/1402:11 Connector	P	54/277:7 Connector	P
8	54/1402:12 Connector	GR	54/277:8 Connector	GR
9	54/1402:13 Connector	Y	54/277:9 Connector	Y
10	54/1402:14 Connector	GN	54/277:10 Connector	GN
11	54/1402:15 Connector	BN	54/277:11 Connector	BN
12	54/1402:16 Connector	W	54/277:12 Connector	W

Connectors
54/276

54/276
12-pin gray, V70

No.	RSE left backrest harness			RSE left head restraint harness		
1	54/274:1	Connector	SB	16/81A:6	Screen, LH head restraint	BL
2	54/274:2	Connector	R-W	16/81A:7	Screen, LH head restraint	VO
3	54/274:3	Connector	VO-GR	16/81A:8	Screen, LH head restraint	P
4	54/274:4	Connector	GN	16/81A:9	Screen, LH head restraint	BN
5	54/274:5	Connector	W	16/81A:10	Screen, LH head restraint	OR
6	54/274:6	Connector	-	-		-
7	54/274:7	Connector	P	16/81A:1	Screen, LH head restraint	SB
8	54/274:8	Connector	GR	16/81A:2	Screen, LH head restraint	R
9	54/274:9	Connector	Y	16/81A:4	Screen, LH head restraint	GN
10	54/274:10	Connector	GN	16/81A:3	Screen, LH head restraint	Y
11	54/274:11	Connector	BN	16/81A:5	Screen, LH head restraint	W
12	54/274:12	Connector	W	16/81A:11	Screen, LH head restraint	GR

54/276
12-pin gray, XC90

No.	RSE left backrest harness			RSE left head restraint harness		
1	54/139:1	Connector	SB	16/81A:6	Screen, LH head restraint	BL
2	54/139:2	Connector	R-W	16/81A:7	Screen, LH head restraint	VO
3	54/139:3	Connector	VO-GR	16/81A:8	Screen, LH head restraint	P
4	54/139:4	Connector	GN	16/81A:9	Screen, LH head restraint	BN
5	54/139:5	Connector	W	16/81A:10	Screen, LH head restraint	OR
6	54/139:6	Connector	-	-		-
7	54/139:7	Connector	P	16/81A:1	Screen, LH head restraint	SB
8	54/139:8	Connector	GR	16/81A:2	Screen, LH head restraint	R
9	54/139:9	Connector	Y	16/81A:4	Screen, LH head restraint	GN
10	54/139:10	Connector	GN	16/81A:3	Screen, LH head restraint	Y
11	54/139:11	Connector	BN	16/81A:5	Screen, LH head restraint	W
12	54/139:12	Connector	W	16/81A:11	Screen, LH head restraint	GR

Connectors
54/277

54/277
12-pin gray, V70

No.	RSE right backrest harness			RSE right head restraint harness		
1	54/275:1	Connector	SB	16/81B:6	Screen, RH head restraint	BL
2	54/275:2	Connector	R-W	16/81B:7	Screen, RH head restraint	VO
3	54/275:3	Connector	VO-GR	16/81B:8	Screen, RH head restraint	P
4	54/275:4	Connector	GN	16/81B:9	Screen, RH head restraint	BN
5	54/275:5	Connector	W	16/81B:10	Screen, RH head restraint	OR
6	54/275:6	Connector	-	-		-
7	54/275:7	Connector	P	16/81B:1	Screen, RH head restraint	SB
8	54/275:8	Connector	GR	16/81B:2	Screen, RH head restraint	R
9	54/275:9	Connector	Y	16/81B:4	Screen, RH head restraint	GN
10	54/275:10	Connector	GN	16/81B:3	Screen, RH head restraint	Y
11	54/275:11	Connector	BN	16/81B:5	Screen, RH head restraint	W
12	54/275:12	Connector	W	16/81B:11	Screen, RH head restraint	GR

54/277
12-pin gray, XC90

No.	RSE right backrest harness			RSE right head restraint harness		
1	54/140:1	Connector	SB	16/81B:6	Screen, RH head restraint	BL
2	54/140:2	Connector	R-W	16/81B:7	Screen, RH head restraint	VO
3	54/140:3	Connector	VO-GR	16/81B:8	Screen, RH head restraint	P
4	54/140:4	Connector	GN	16/81B:9	Screen, RH head restraint	BN
5	54/140:5	Connector	W	16/81B:10	Screen, RH head restraint	OR
6	54/140:6	Connector	-	-		-
7	54/140:7	Connector	P	16/81B:1	Screen, RH head restraint	SB
8	54/140:8	Connector	GR	16/81B:2	Screen, RH head restraint	R
9	54/140:9	Connector	Y	16/81B:4	Screen, RH head restraint	GN
10	54/140:10	Connector	GN	16/81B:3	Screen, RH head restraint	Y
11	54/140:11	Connector	BN	16/81B:5	Screen, RH head restraint	W
12	54/140:12	Connector	W	16/81B:11	Screen, RH head restraint	GR

Connectors
54/1300 - 54/1400

54/1300
6-pin gray

No.	PAM harness, engine compartment			PAM harness, bumper		
1	54/1400:1	Connector	BL	53/1300	Branching point	BL
2	54/1400:2	Connector	GN	7/207:2	Front parking assistance sensor	GN
3	54/1400:3	Connector	VO	7/206:2	Front parking assistance sensor	VO
4	54/1400:4	Connector	Y	7/205:2	Front parking assistance sensor	Y
5	54/1400:5	Connector	W	7/204:2	Front parking assistance sensor	W
6	54/1400:6	Connector	SB	53/1301	Branching point	SB

54/1400
6-pin gray

No.	PAM harness, passenger compartment			PAM harness, engine compartment		
1	4/86B:2	Parking Assistance Module (PAM)	BL	54/1300:1	Connector	BL
2	4/86B:8	Parking Assistance Module (PAM)	GN	54/1300:2	Connector	GN
3	4/86B:7	Parking Assistance Module (PAM)	VO	54/1300:3	Connector	VO
4	4/86B:6	Parking Assistance Module (PAM)	Y	54/1300:4	Connector	Y
5	4/86B:5	Parking Assistance Module (PAM)	W	54/1300:5	Connector	W
6	4/86B:1	Parking Assistance Module (PAM)	SB	54/1300:6	Connector	SB

Connectors
54/1401

54/1401
10-pin gray, V70

No.	RSE cabin harness			RSE tunnel harness		
1	53/1404	Branching point	R	16/82A:4	DVD player/control module	R
2	53/1400	Branching point	SB	16/82A:8	DVD player/control module	SB
3	53/1403	Branching point	VO	16/82A:7	DVD player/control module	VO
4	53/1403	Branching point	VO	16/82A:6	DVD player/control module	W
5	16/122:10	Rear Audio Separation module (RAS)	VO	16/82D:2	DVD player/control module	VO
6	16/122:4	Rear Audio Separation module (RAS)	SB	16/82D:3	DVD player/control module	SB
7	16/122:11	Rear Audio Separation module (RAS)	GR	16/82D:16	DVD player/control module	GR
8	16/122:3	Rear Audio Separation module (RAS)	GR-R	16/82D:17	DVD player/control module	GR-R
9	54/274:1	Connector	SB	16/82E:12	DVD player/control module	SB
10	54/275:1	Connector	SB	16/82E:24	DVD player/control module	SB

54/1401
12-pin gray, XC90

No.	RSE tunnel harness			Passenger compartment harness		
1	16/109D:16	DVD player/control module	GR	54/134:4	Connector	BN
2	16/109D:17	DVD player/control module	GR-R	54/134:8	Connector	W
3	16/109D:2	DVD player/control module	VO	54/134:9	Connector	Y
4	16/109D:3	DVD player/control module	SB	54/134:3	Connector	GN
5	16/109E:24	DVD player/control module	SB	54/140:1	Connector	SB
6	16/109E:12	DVD player/control module	SB	54/139:1	Connector	SB
7	16/109A:4	DVD player/control module	R	11C/8	Fuses in passenger compartment fuse box	R
8	16/109A:8	DVD player/control module	SB	54/438	Connector	BN
9	16/109A:7	DVD player/control module	VO	4/56A:6	Central Electronic Module (CEM)	VO
10	16/109A:6	DVD player/control module	W	4/56D:12	Central Electronic Module (CEM)	W
11	-		-	-		-
12	-		-	-		-

Connectors
54/1402 V70

54/1402
22-pin green, V70

No.	RSE cabin harness			No.	RSE tunnel harness		
1	54/275:6	Connector	-	10	16/82E:24	DVD player/control module	-
2	54/275:2	Connector	R-W	9	16/82E:13	DVD player/control module	R-W
3	54/275:3	Connector	VO-GR	8	16/82E:14	DVD player/control module	VO-GR
4	54/275:4	Connector	GN	7	16/82E:15	DVD player/control module	GN
5	54/275:5	Connector	W	6	16/82E:16	DVD player/control module	W
6	54/274:5	Connector	W	5	16/82E:4	DVD player/control module	W
7	54/274:4	Connector	GN	4	16/82E:3	DVD player/control module	GN
8	54/274:3	Connector	VO-GR	3	16/82E:2	DVD player/control module	VO-GR
9	54/274:2	Connector	R-W	2	16/82E:1	DVD player/control module	R-W
10	54/274:6	Connector	-	1	16/82E:12	DVD player/control module	-
11	54/275:7	Connector	P	22	16/82E:23	DVD player/control module	P
12	54/275:8	Connector	GR	21	16/82E:22	DVD player/control module	GR
13	54/275:9	Connector	Y	20	16/82E:19	DVD player/control module	Y
14	54/275:10	Connector	GN	19	16/82E:20	DVD player/control module	GN
15	54/275:11	Connector	BN	18	16/82E:18	DVD player/control module	BN
16	54/275:12	Connector	W	17	16/82E:17	DVD player/control module	W
17	54/274:12	Connector	W	16	16/82E:5	DVD player/control module	W
18	54/274:11	Connector	BN	15	16/82E:6	DVD player/control module	BN
19	54/274:10	Connector	GN	14	16/82E:8	DVD player/control module	GN
20	54/274:9	Connector	Y	13	16/82E:7	DVD player/control module	Y
21	54/274:8	Connector	GR	12	16/82E:10	DVD player/control module	GR
22	54/274:7	Connector	P	11	16/82E:11	DVD player/control module	P

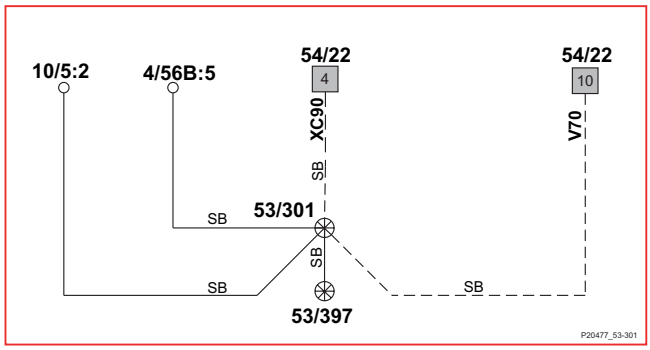
Connectors
54/1402 XC90

54/1402
22-pin gray, XC90

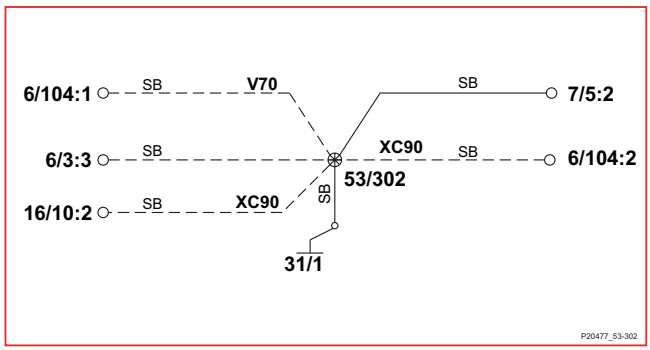
No.	RSE tunnel harness			Passenger compartment harness		
1	16/190E:1	DVD player/control module	R-W	54/139:2	Connector	R-W
2	16/190E:2	DVD player/control module	VO-GR	54/139:3	Connector	VO
3	16/190E:3	DVD player/control module	GN	54/139:4	Connector	GN
4	16/190E:4	DVD player/control module	W	54/139:5	Connector	W
5	16/190E:12	DVD player/control module	-	54/139:6	Connector	-
6	16/190E:11	DVD player/control module	P	54/139:7	Connector	P
7	16/190E:10	DVD player/control module	GR	54/139:8	Connector	GR
8	16/190E:7	DVD player/control module	Y	54/139:9	Connector	Y
9	16/190E:8	DVD player/control module	GN	54/139:10	Connector	GN
10	16/190E:6	DVD player/control module	BN	54/139:11	Connector	BN
11	16/190E:5	DVD player/control module	W	54/139:12	Connector	W
12	16/190E:13	DVD player/control module	R-W	54/140:2	Connector	R-W
13	16/190E:14	DVD player/control module	VO-GR	54/140:3	Connector	VO
14	16/190E:15	DVD player/control module	GN	54/140:4	Connector	GN
15	16/190E:16	DVD player/control module	W	54/140:5	Connector	W
16	16/190E:24	DVD player/control module	-	54/140:6	Connector	-
17	16/190E:23	DVD player/control module	P	54/140:7	Connector	P
18	16/190E:22	DVD player/control module	GR	54/140:8	Connector	GR
19	16/190E:19	DVD player/control module	Y	54/140:9	Connector	Y
20	16/190E:20	DVD player/control module	GN	54/140:10	Connector	GN
21	16/190E:18	DVD player/control module	BN	54/140:11	Connector	BN
22	16/190E:17	DVD player/control module	W	54/140:12	Connector	W

Branching points
53/301 - 53/309 6-cyl.

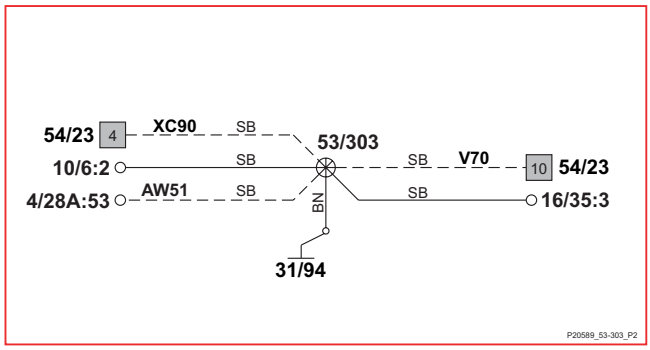
53/301



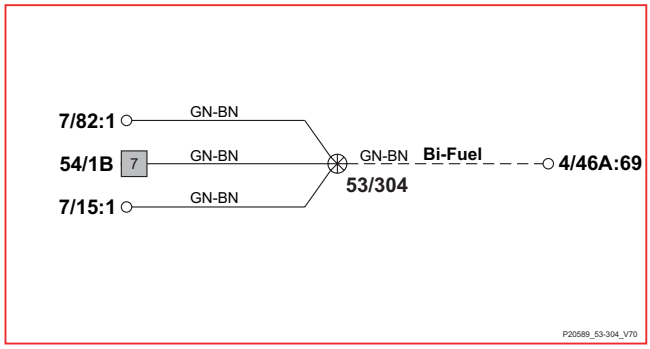
53/302



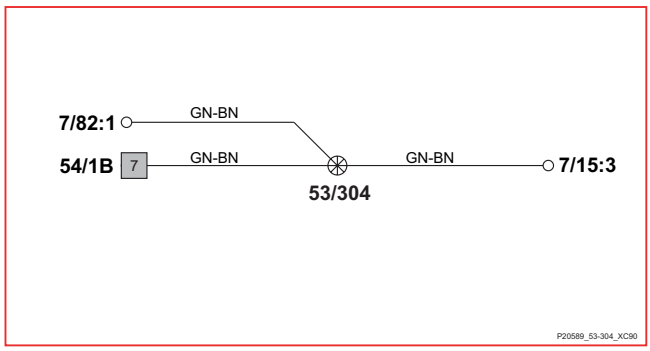
53/303



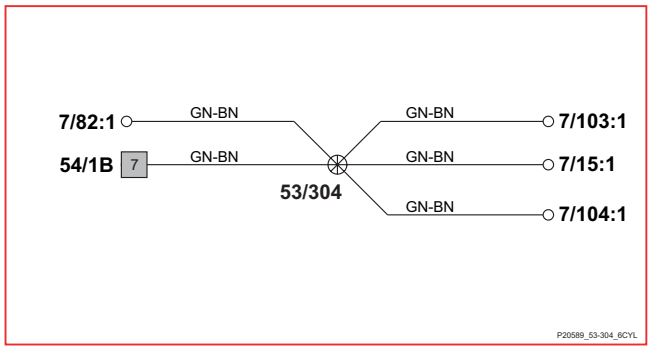
53/304 5-cyl. not Turbo



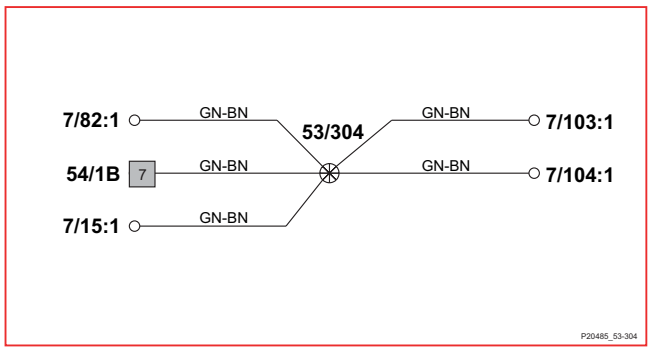
53/304 5-cyl. T.



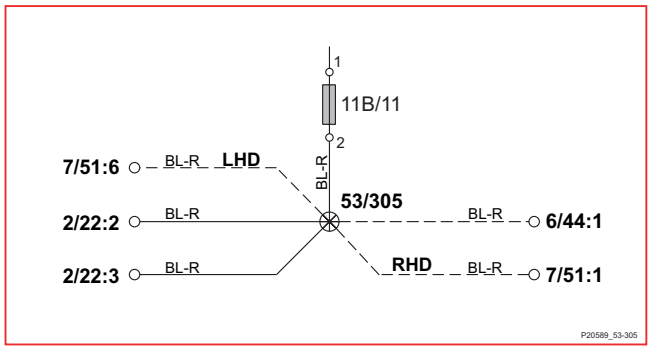
53/304 6-cyl.



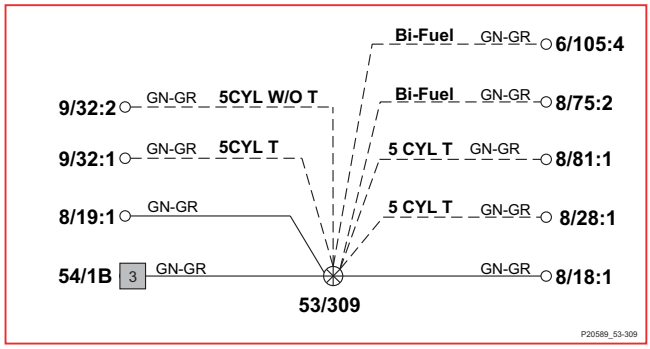
53/304 8-cyl.



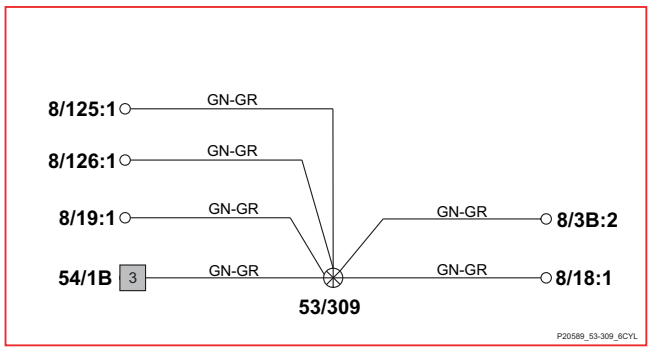
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53/309

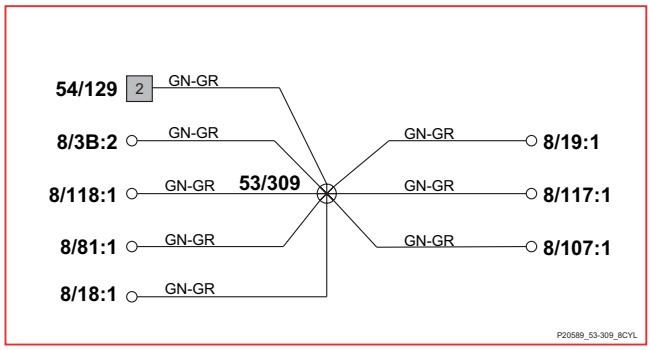


53/309 6-cyl.

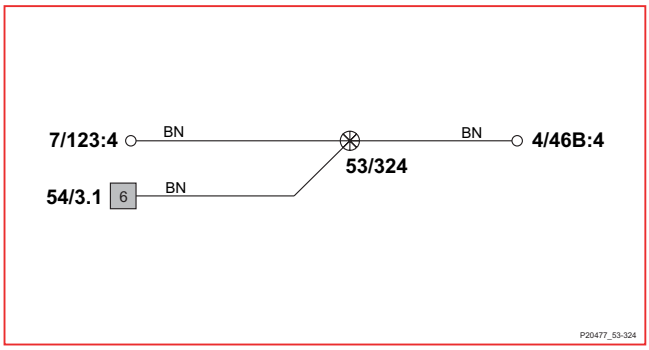


Branching points
53/309 8-cyl. - 53/328 8-cyl.

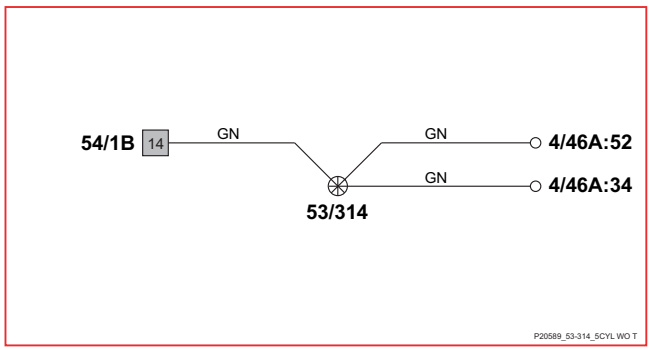
53/309 8-Cyl.



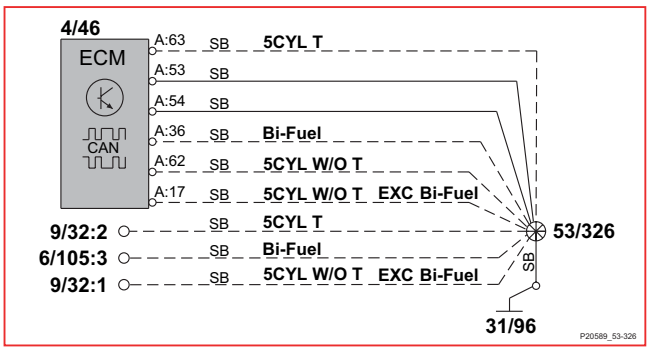
53/324



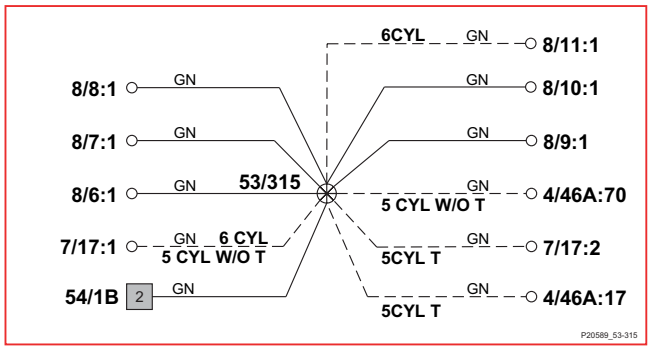
53/314



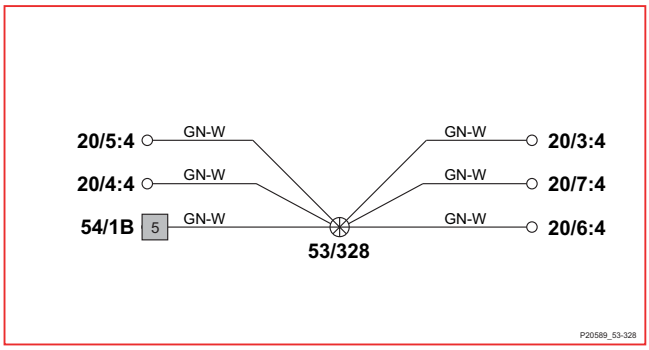
53/326



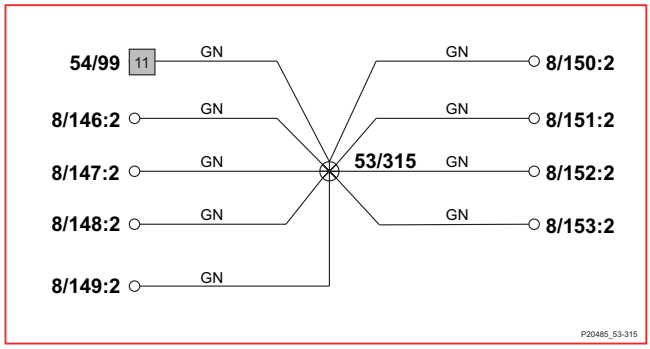
53/315



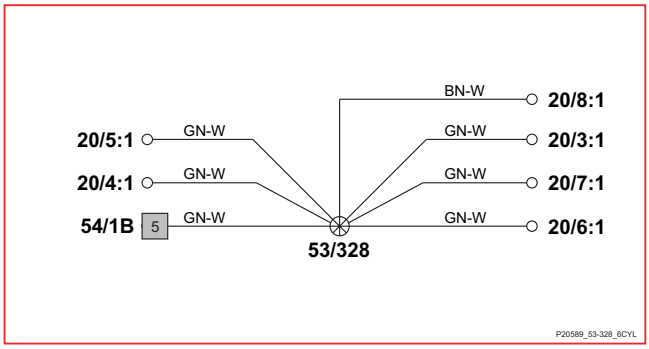
53/328



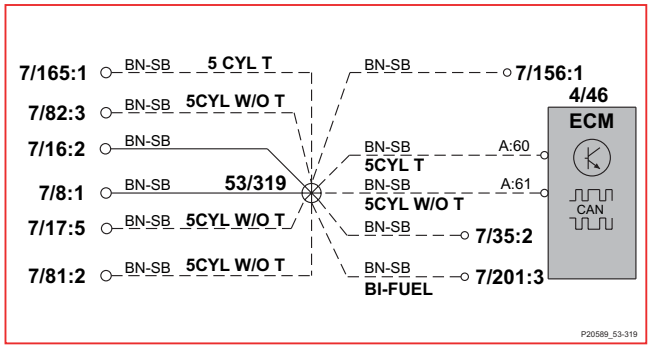
53/315 8-cyl.



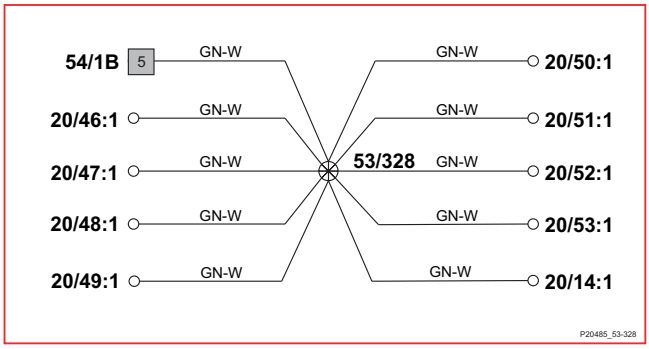
53/328 6-cyl.



53/319

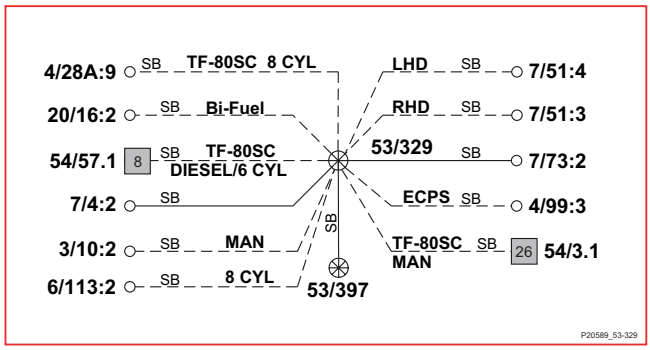


53/328 8-cyl.

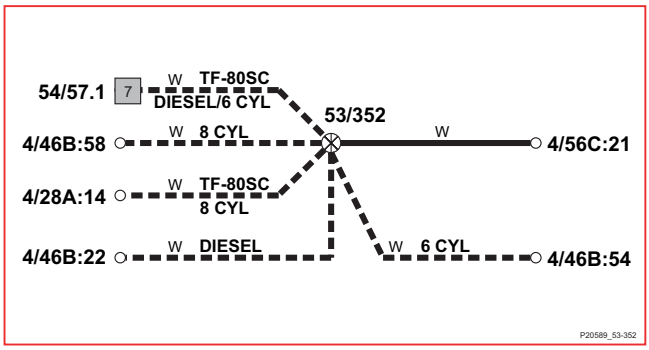


Branching points
53/329 - 53/359

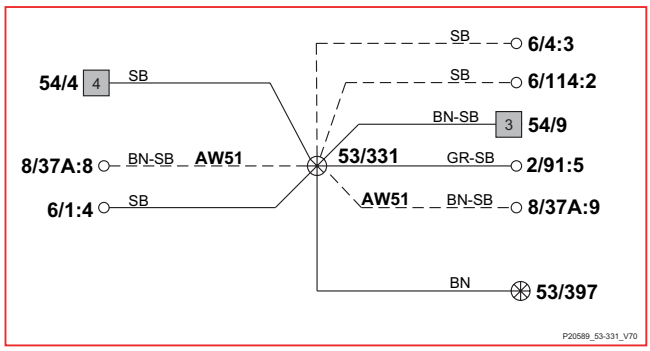
53/329



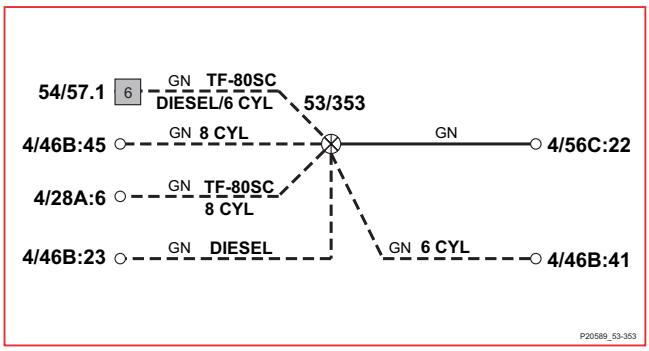
53/352



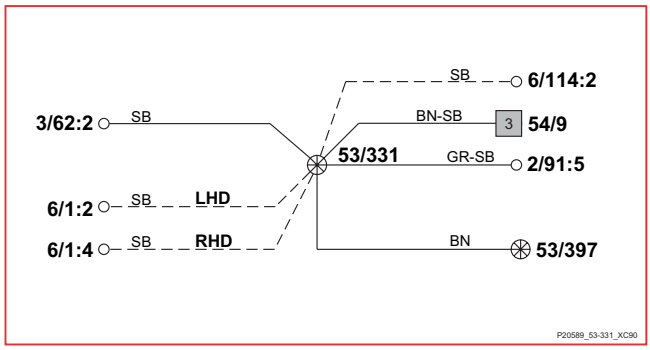
53/331 V70



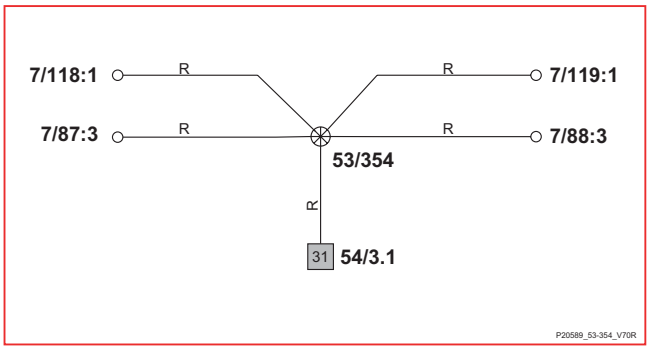
53/353



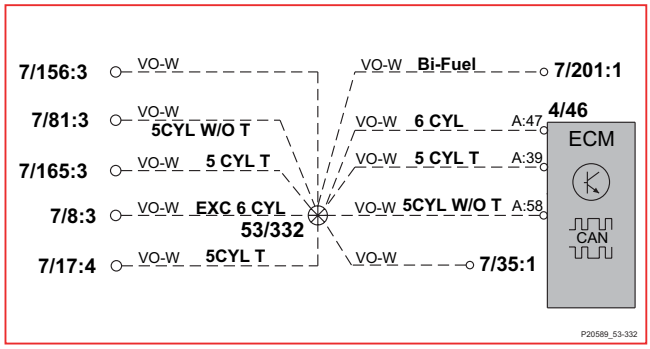
53/331 XC90



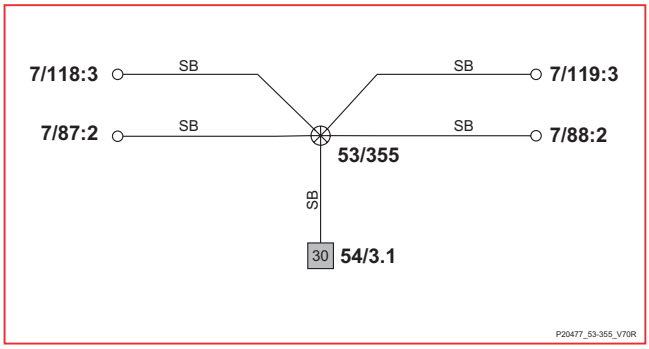
53/354



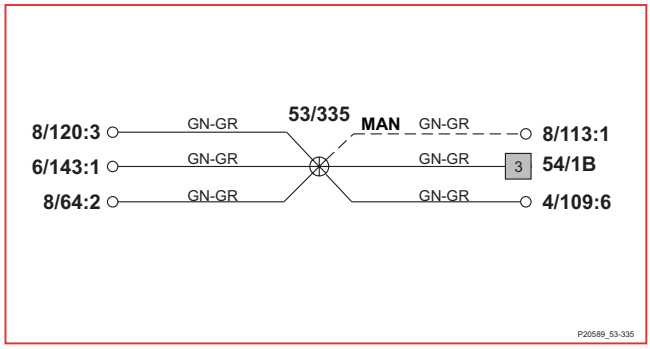
53/332



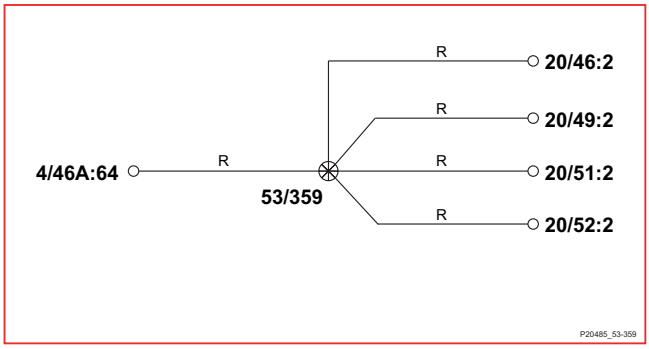
53/355



53/335

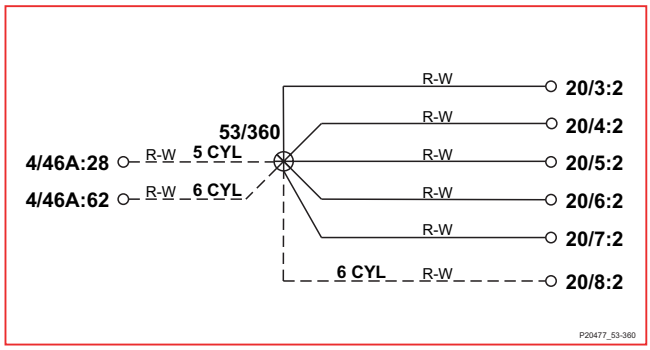


53/359

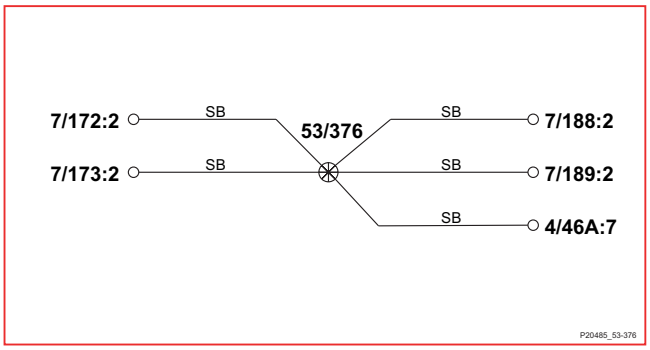


Branching points
53/360 - 53/395

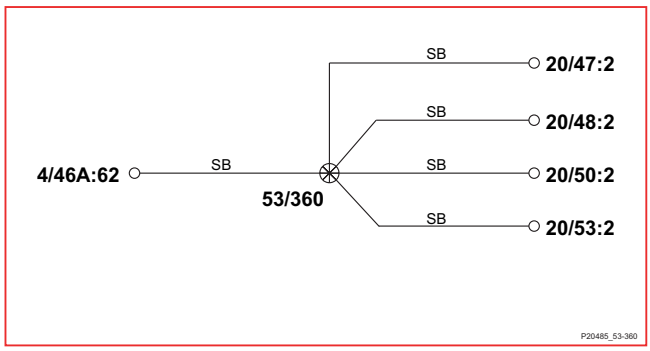
53/360



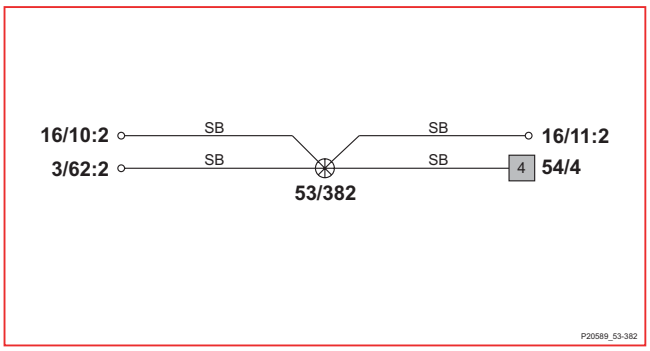
53/376 8-cyl.



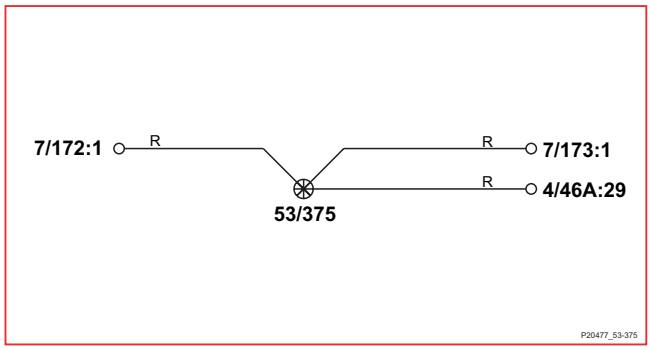
53/360 8-cyl.



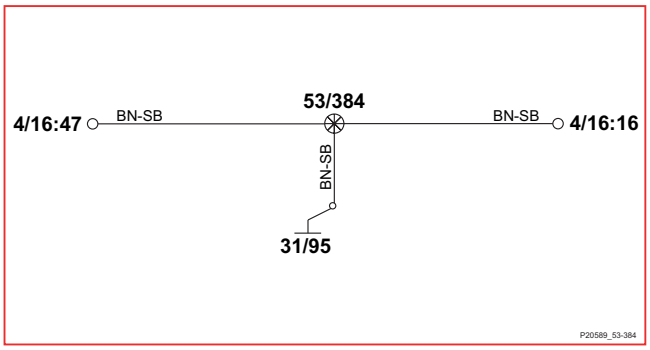
53/382



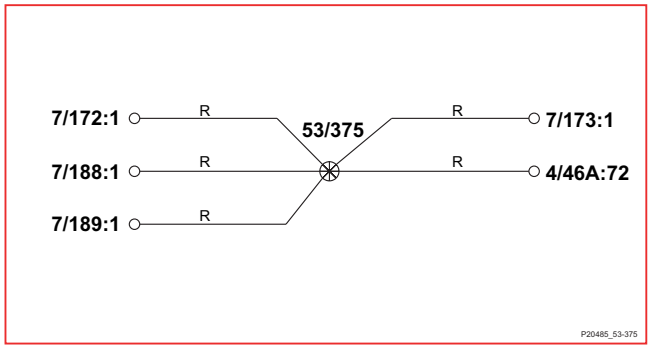
53/375



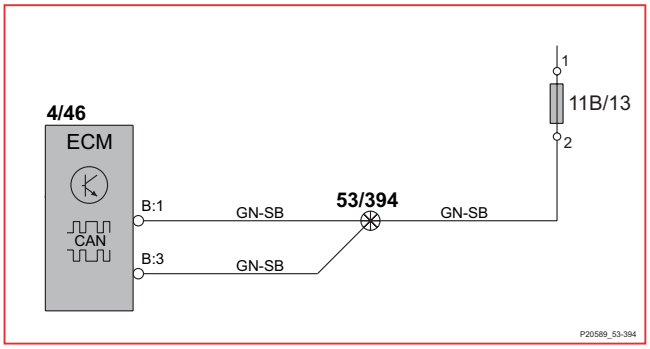
53/384



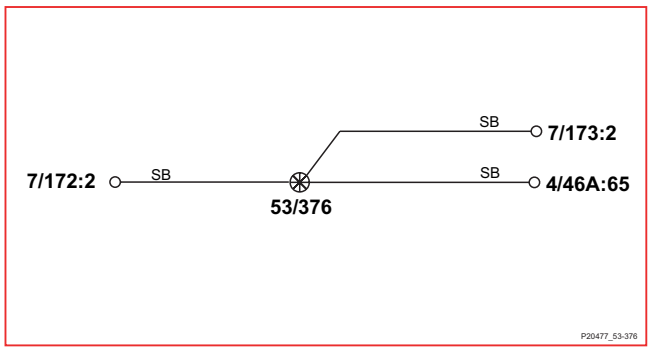
53/375 8-cyl.



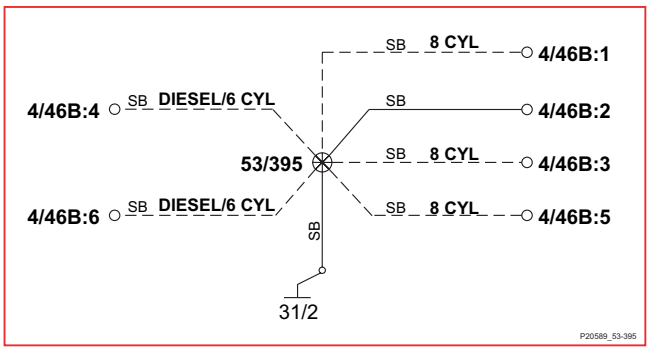
53/394



53/376

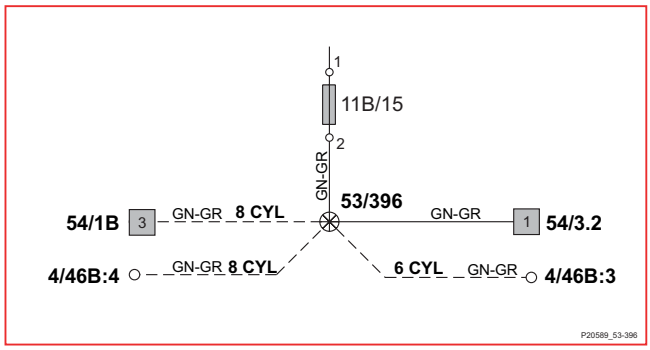


53/395

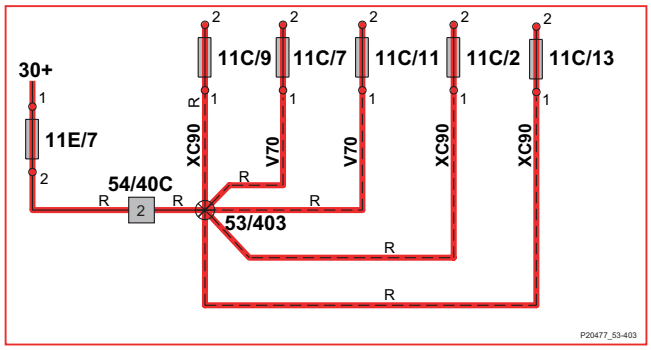


Branching points
53/396 - 53/415

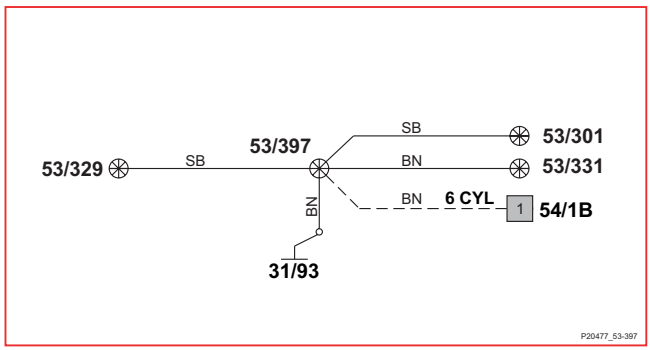
53/396



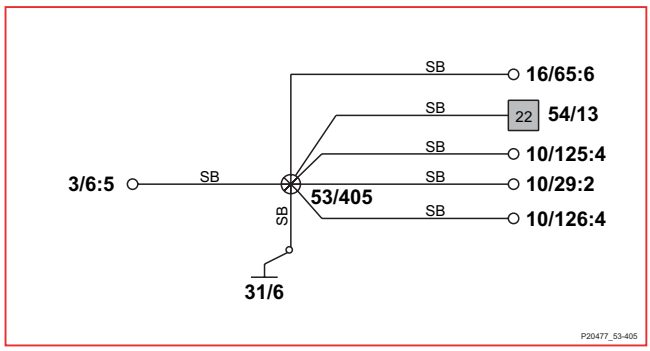
53/403



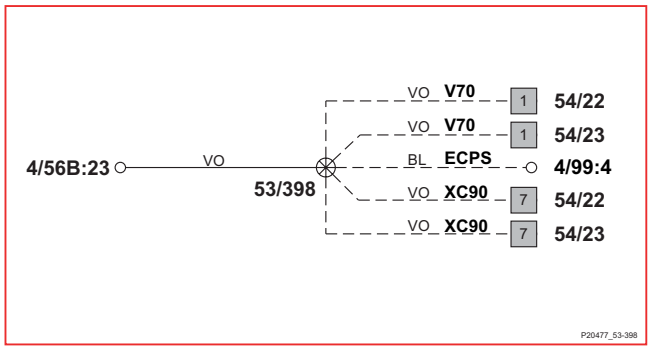
53/397



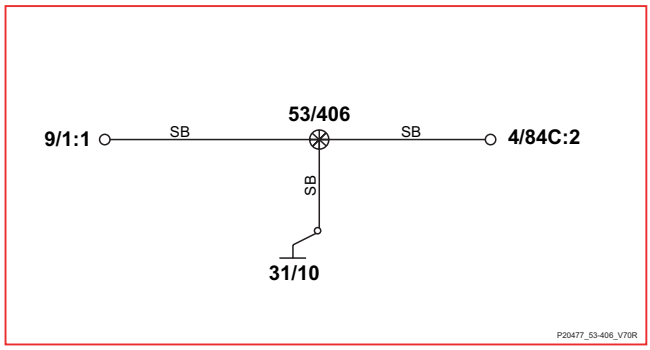
53/405



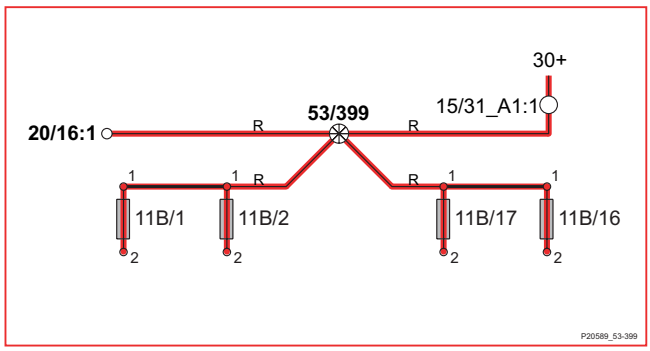
53/398



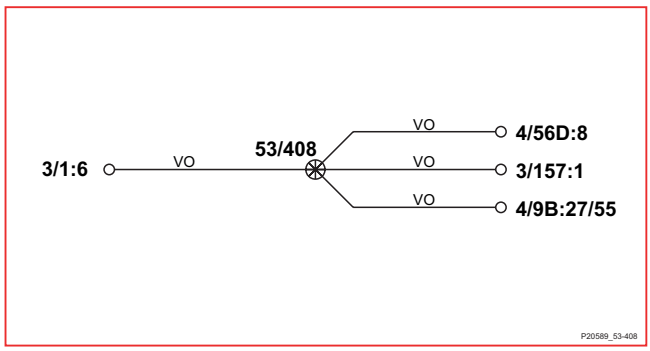
53/406



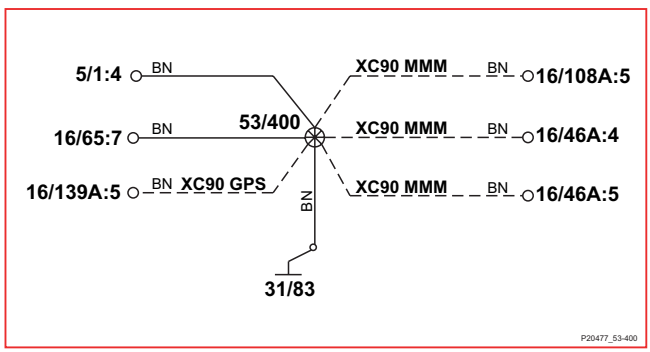
53/399



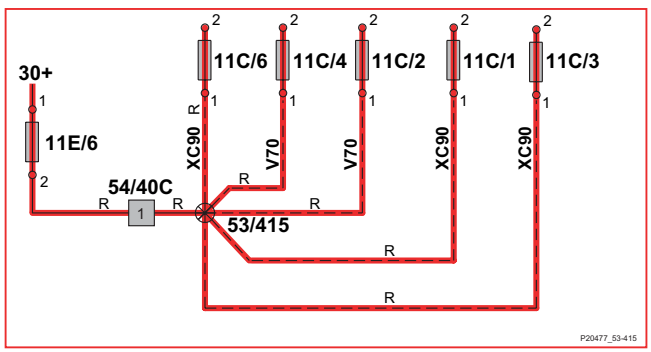
53/408



53/400

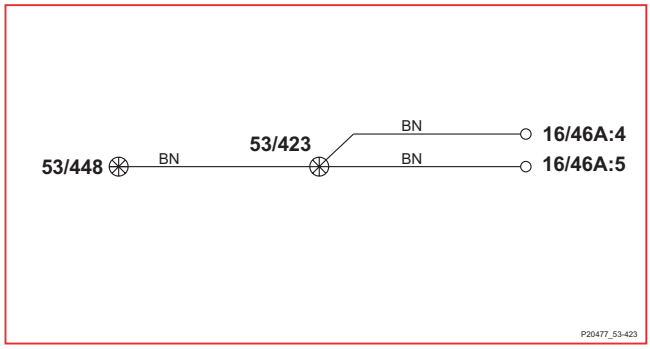


53/415

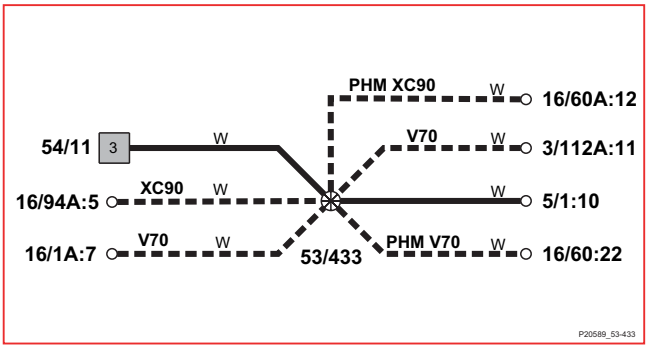


Branching points
53/423 - 53/437

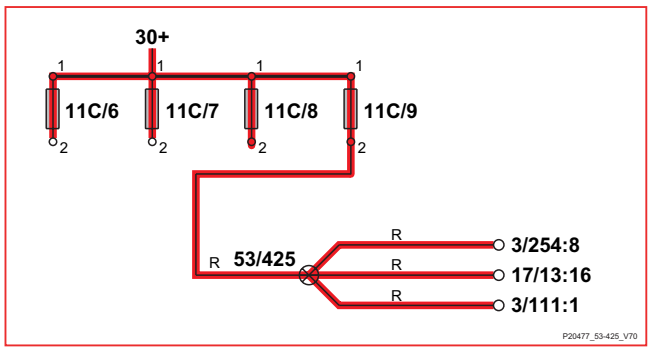
53/423



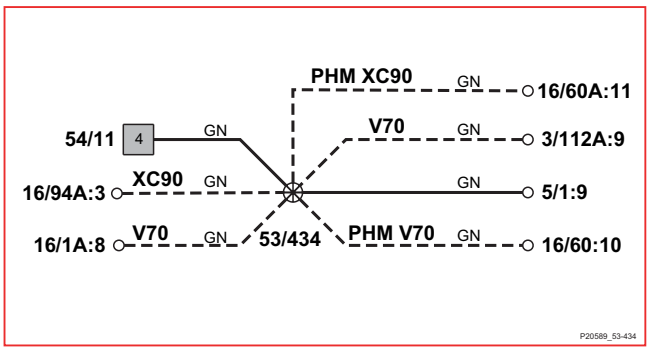
53/433



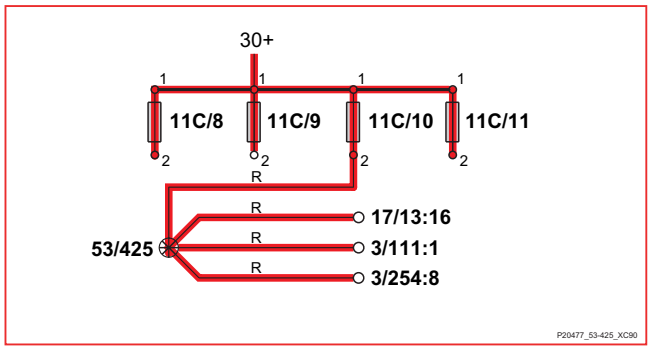
53/425 V70



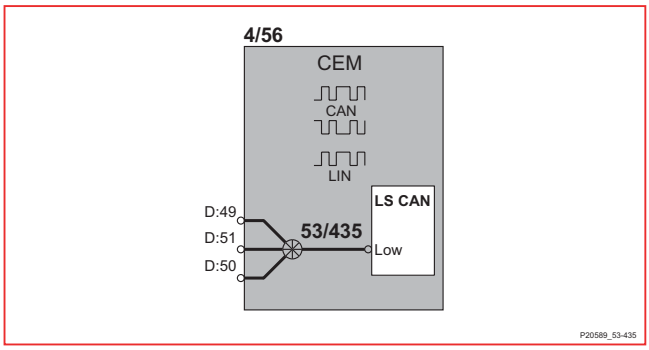
53/434



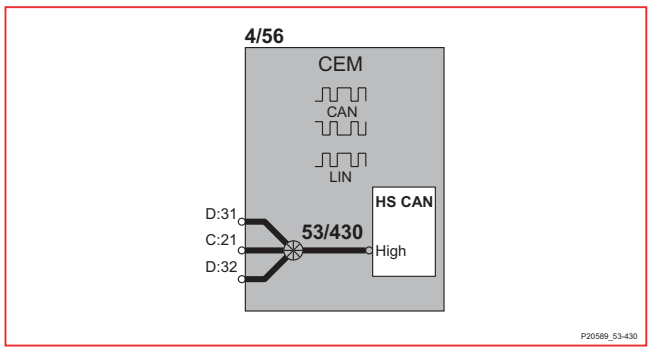
53/425 XC90



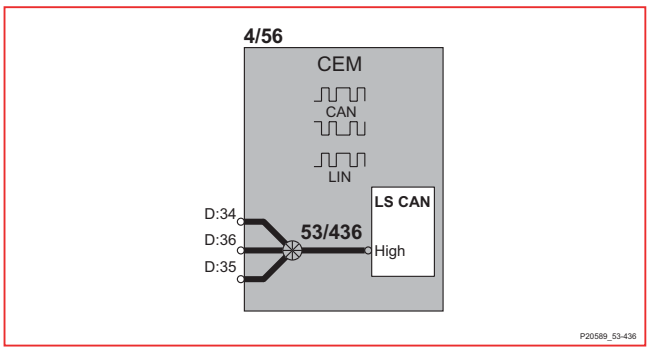
53/435



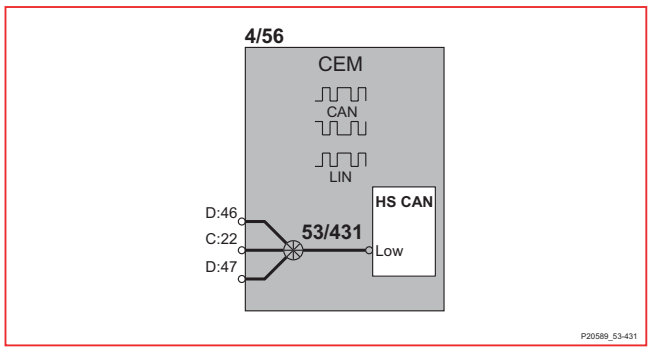
53/430



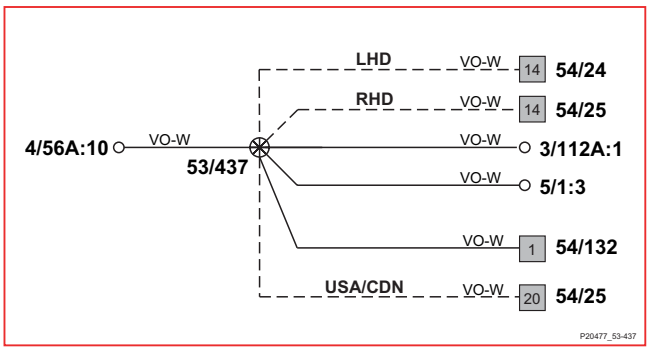
53/436



53/431

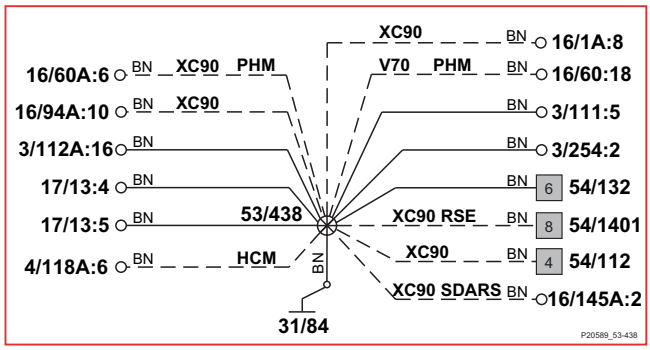


53/437

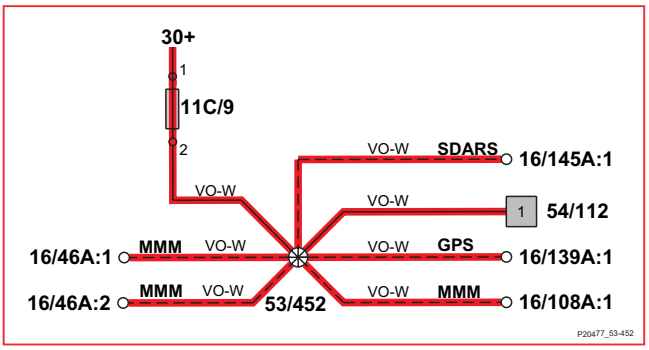


Branching points
53/438 - 53/460

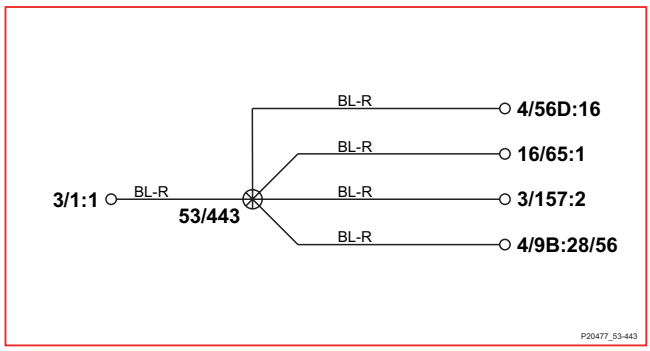
53/438



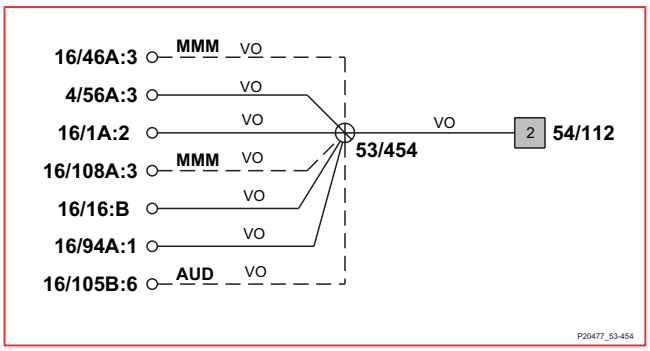
53/452



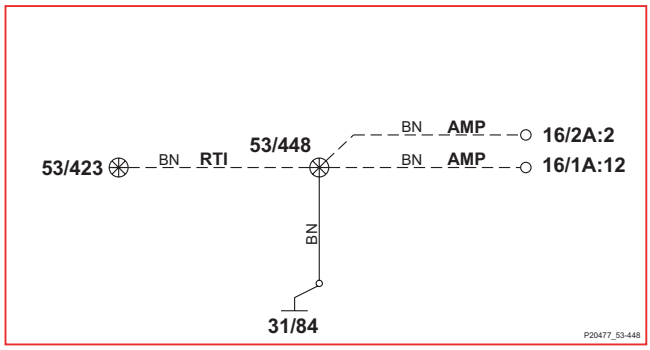
53/443



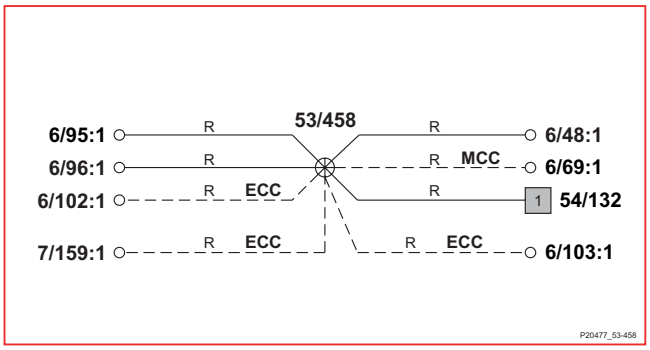
53/454



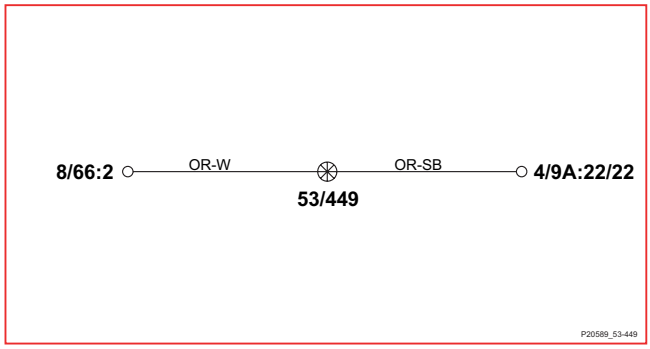
53/448



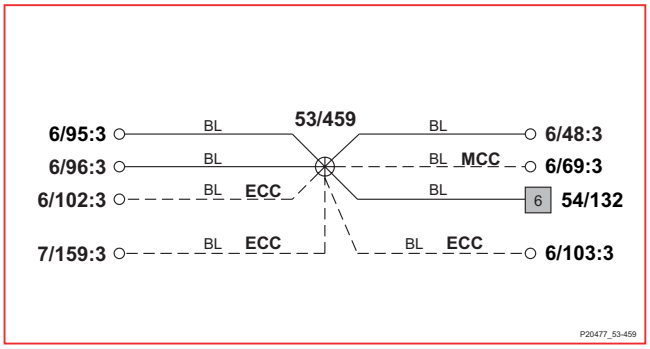
53/458



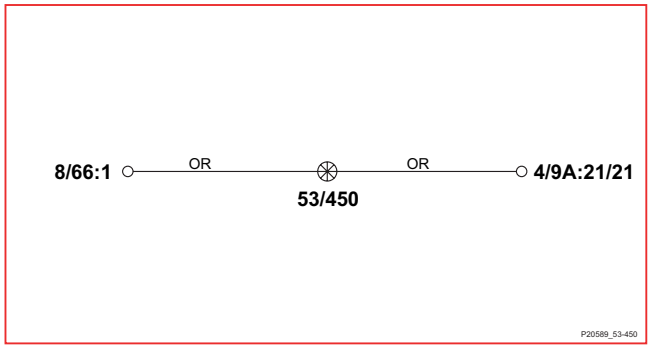
53/449



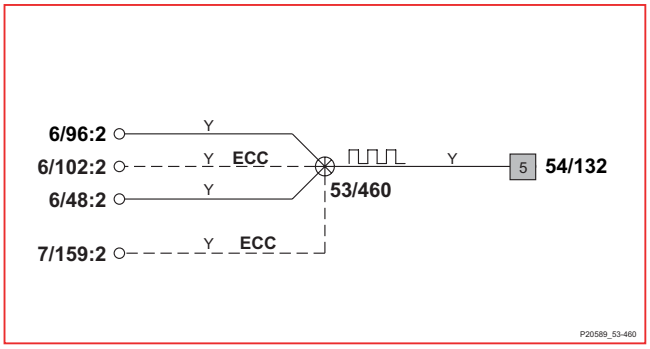
53/459



53/450

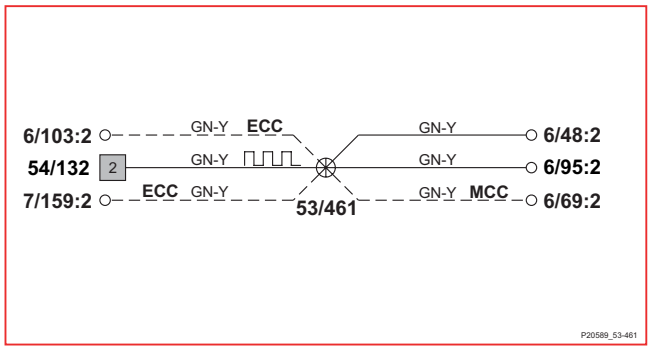


53/460

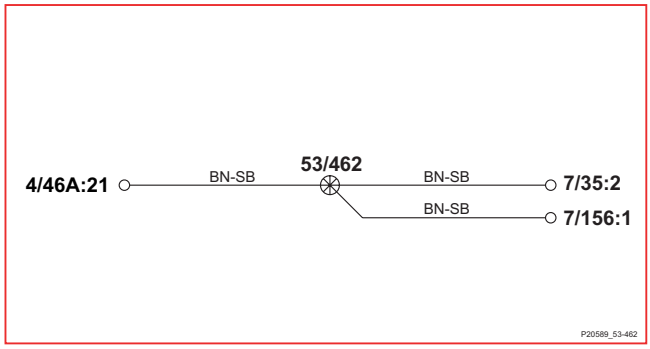


Branching points
53/461 - 53/515

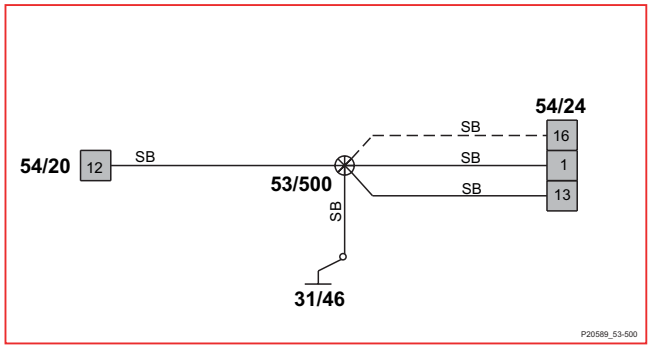
53/461



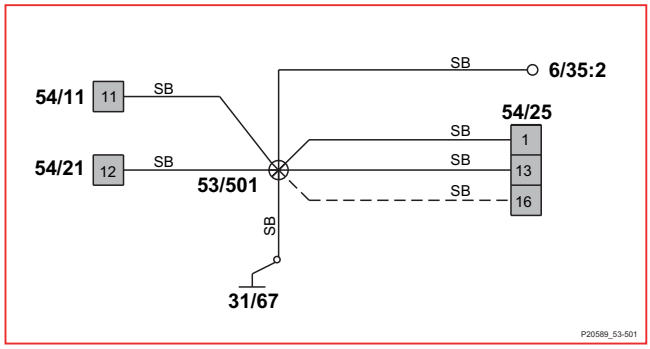
53/462



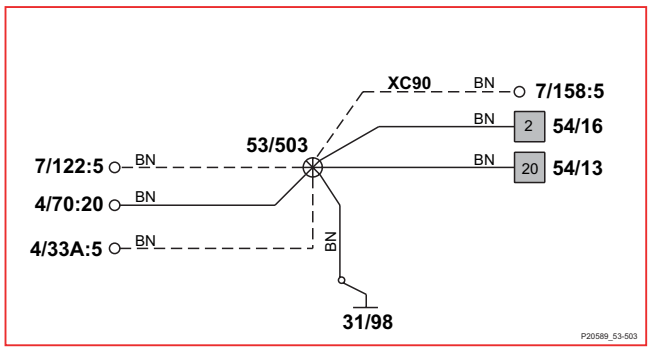
53/500



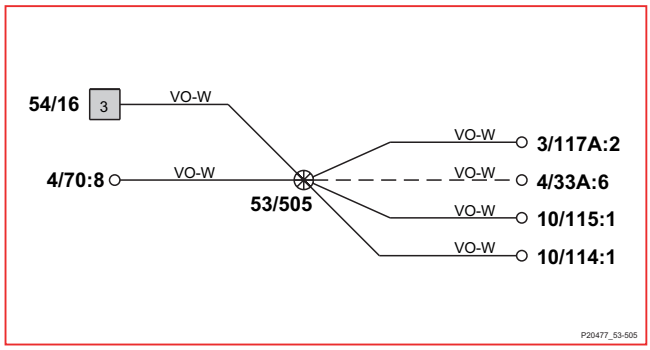
53/501



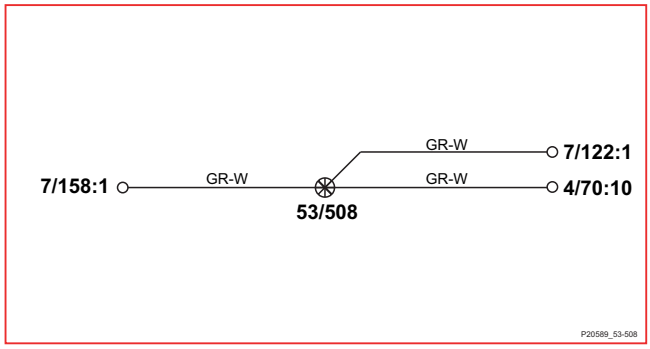
53/503



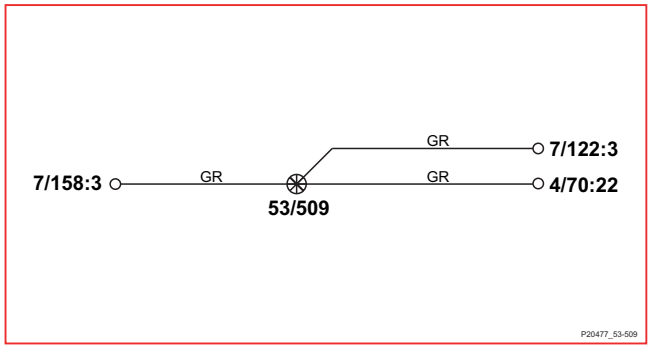
53/505



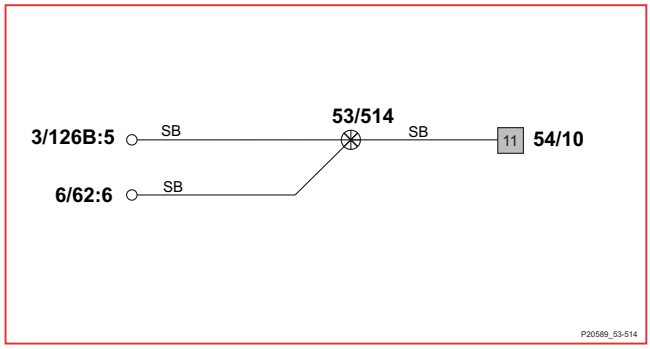
53/508



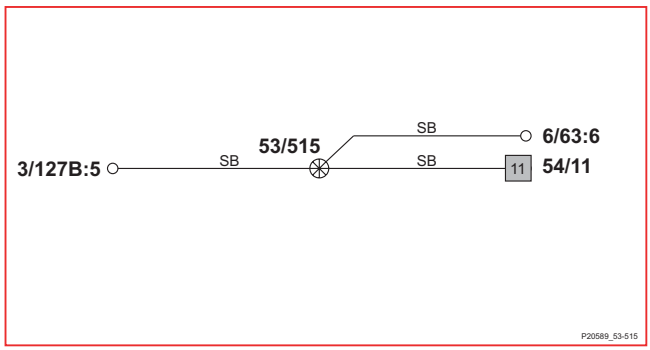
53/509



53/514

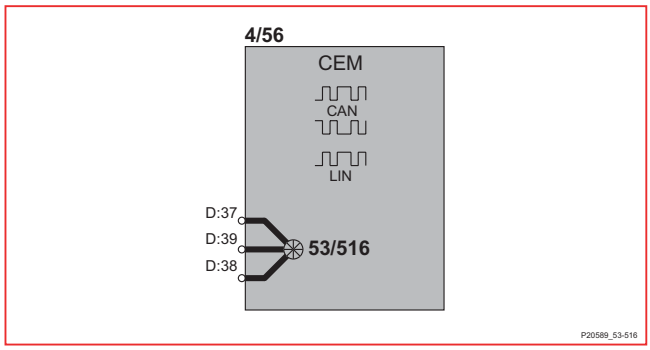


53/515

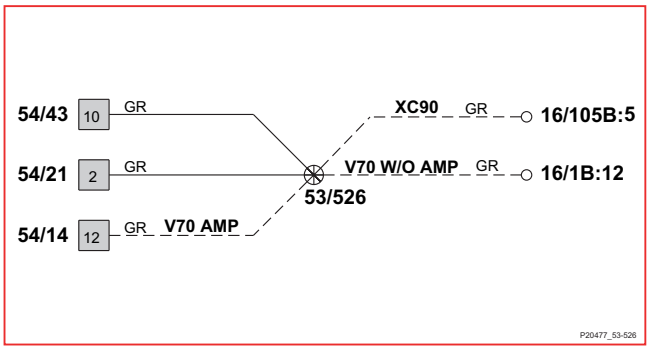


Branching points
53/516 - 53/570

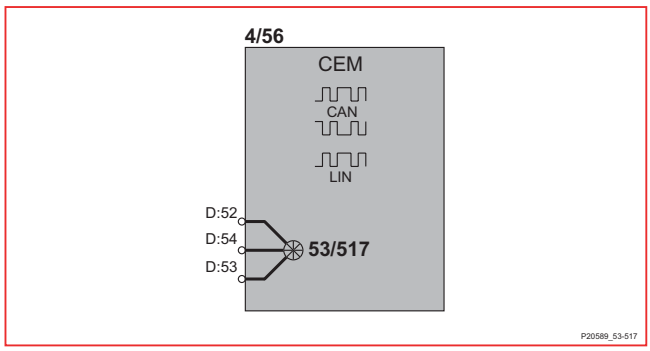
53/516



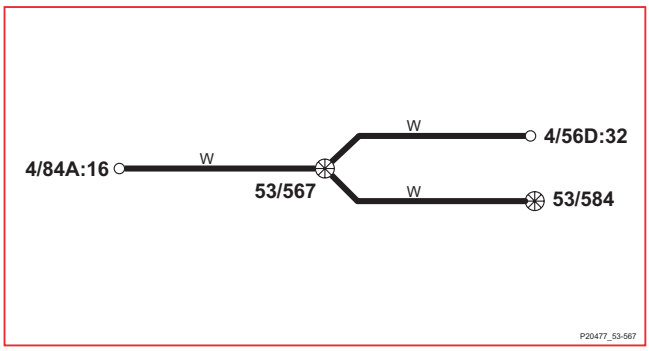
53/526



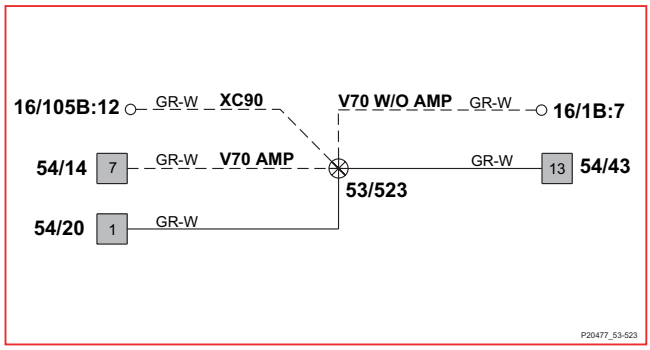
53/517



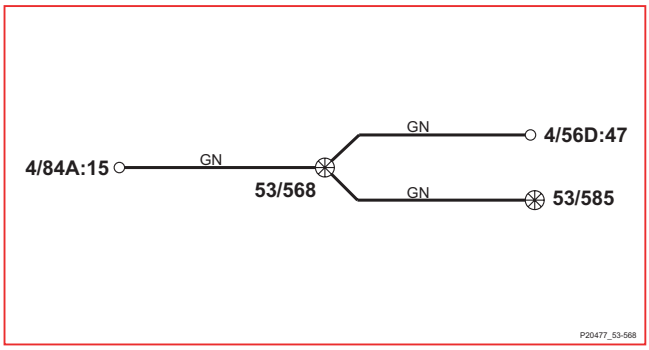
53/567



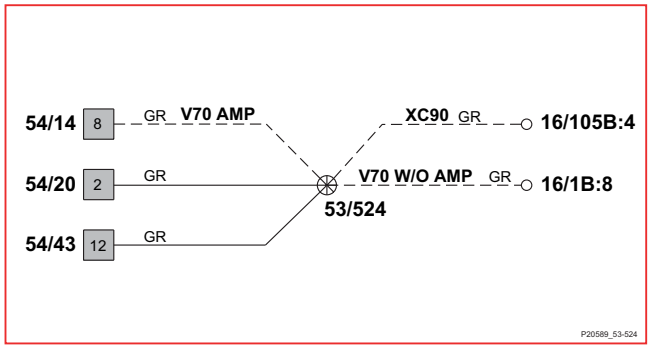
53/523



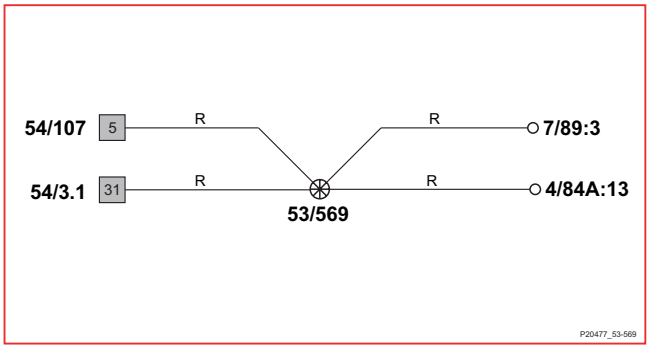
53/568



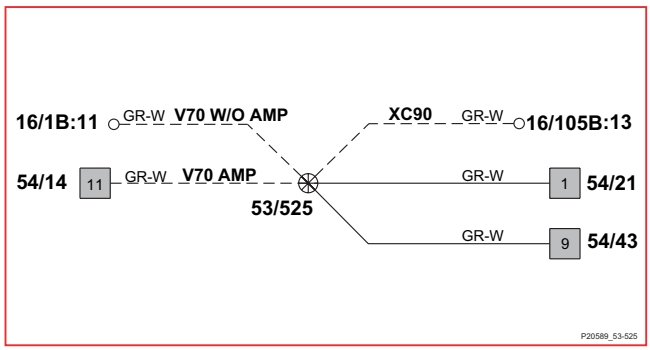
53/524



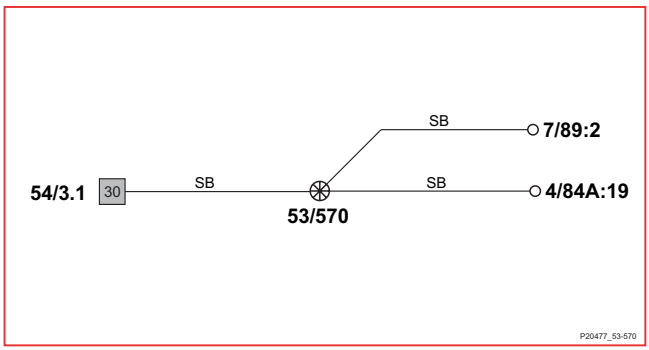
53/569



53/525

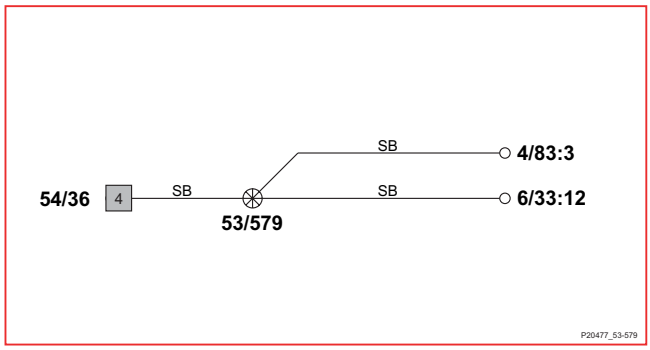


53/570

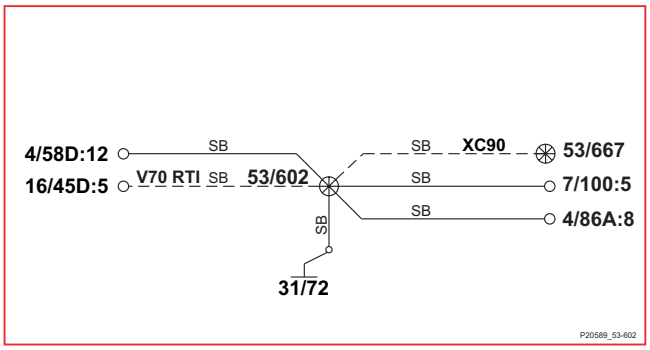


Branching points
53/578 - 53/652

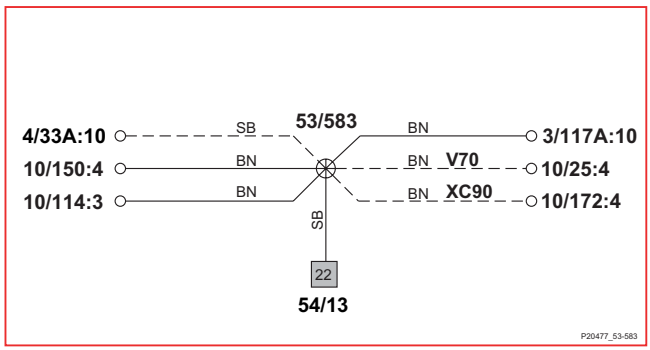
53/579



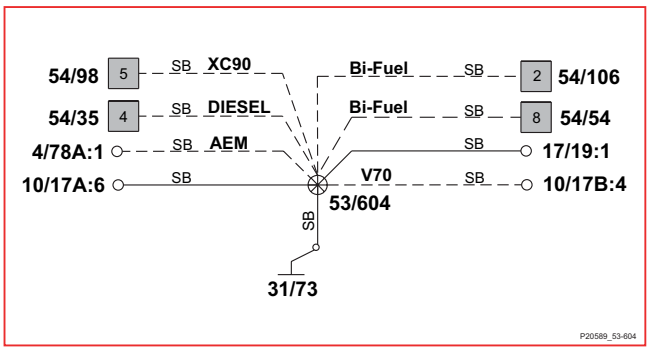
53/602



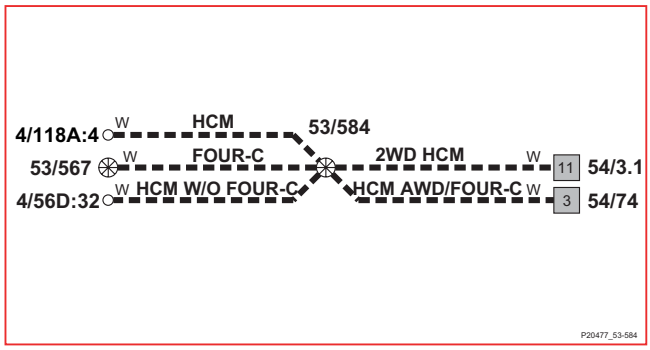
53/583



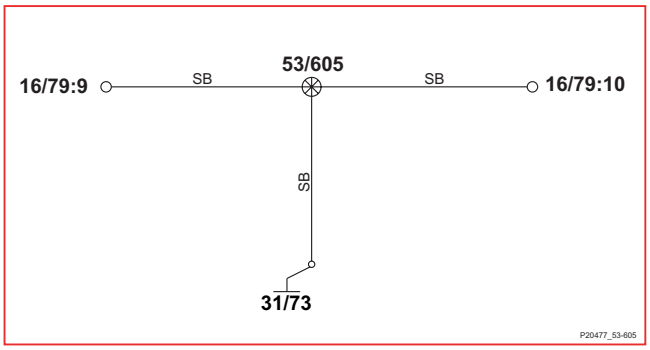
53/604



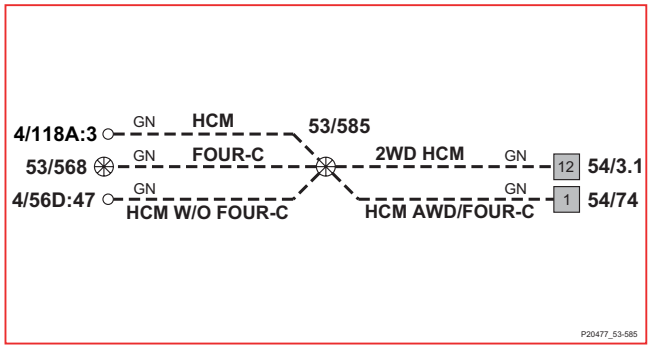
53/584



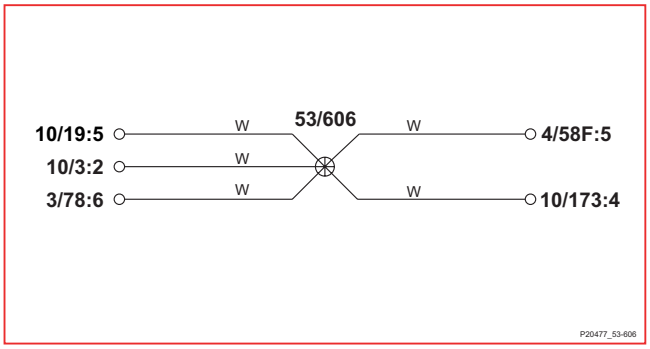
53/605



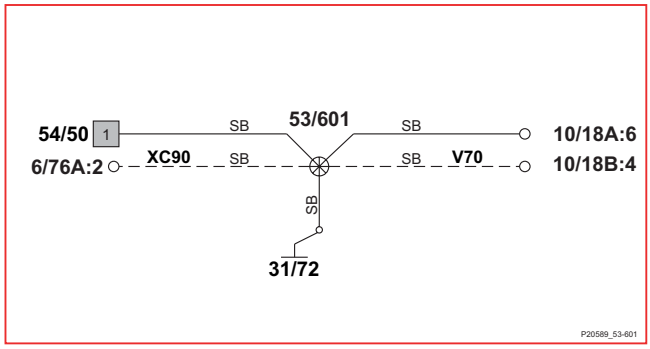
53/585



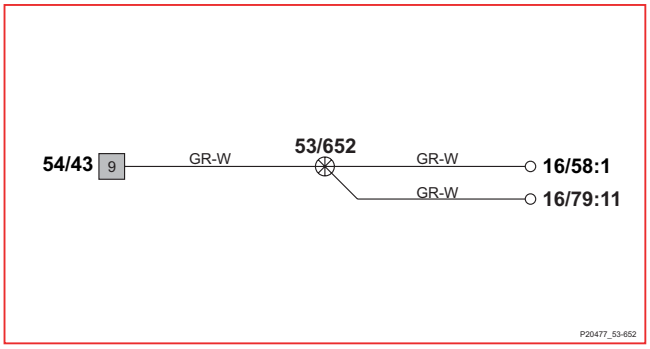
53/606



53/601

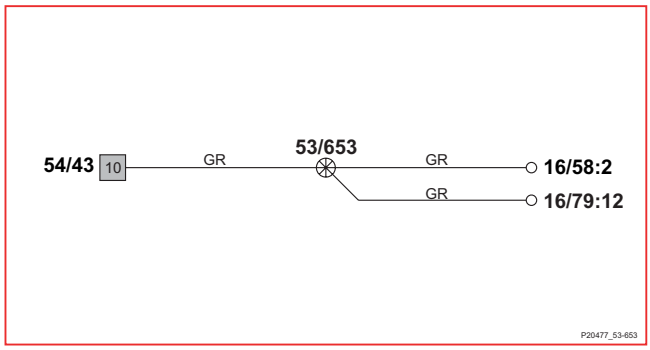


53/652

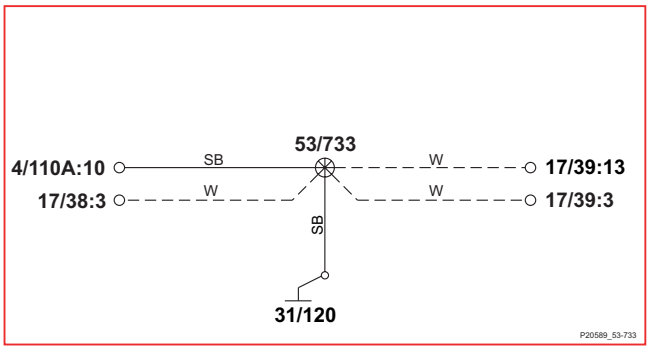


Branching points
53/653 - 53/737

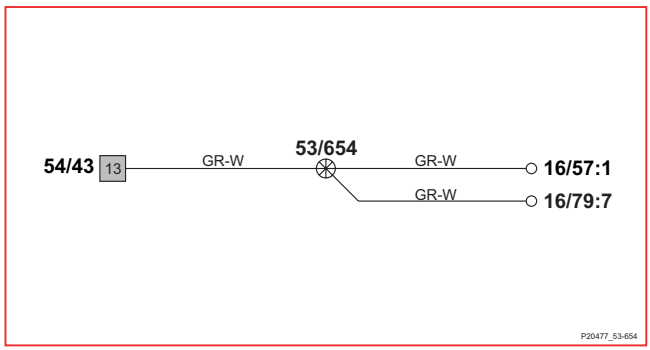
53/653



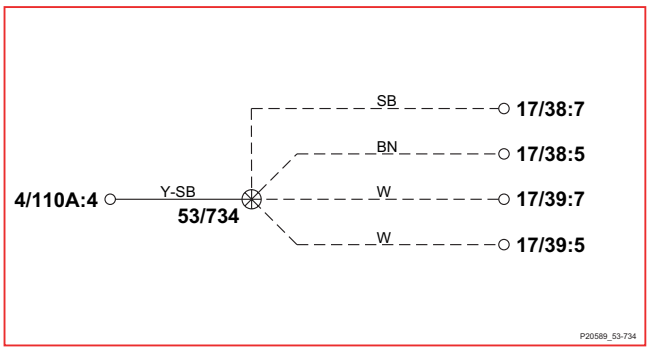
53/733



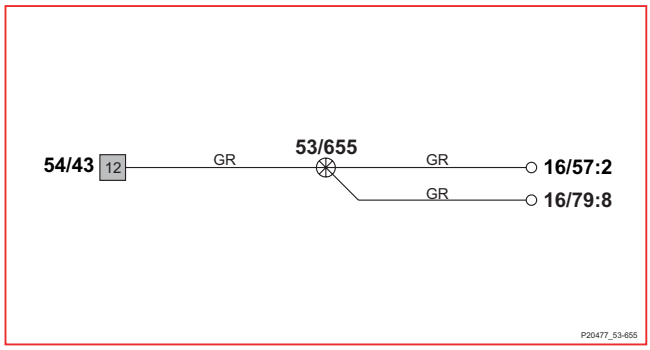
53/654



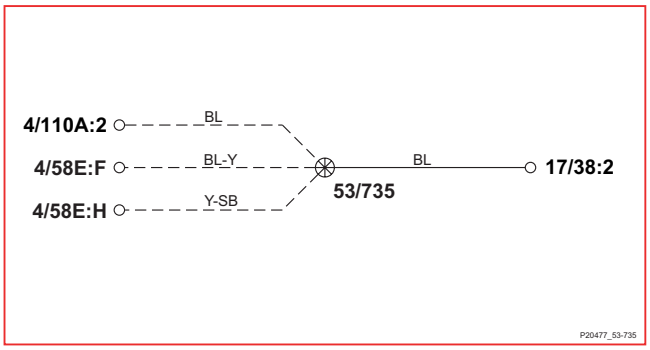
53/734



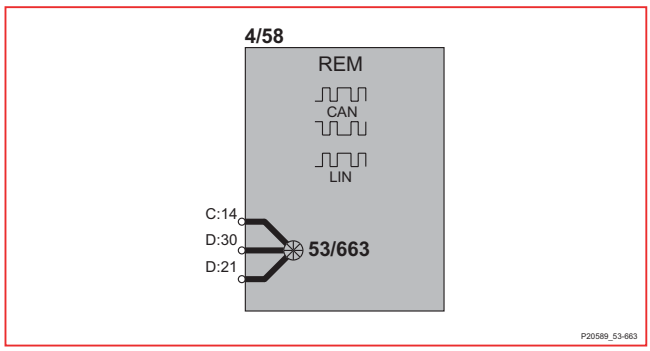
53/655



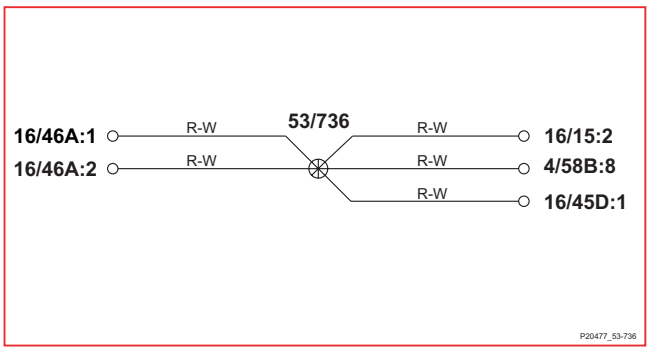
53/735



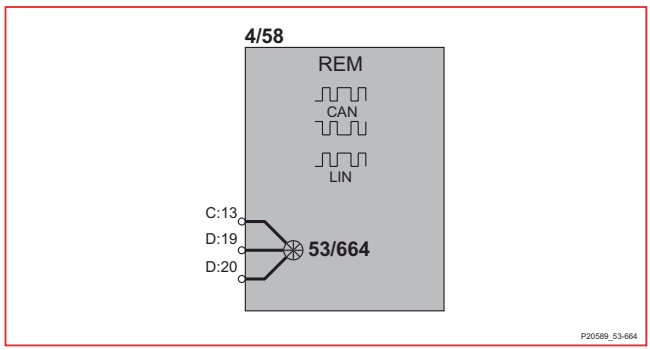
53/663



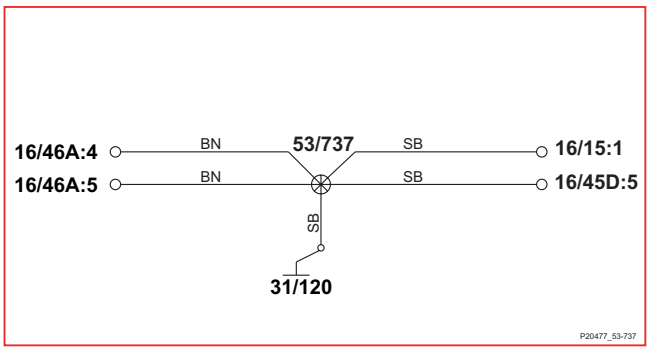
53/736



53/664

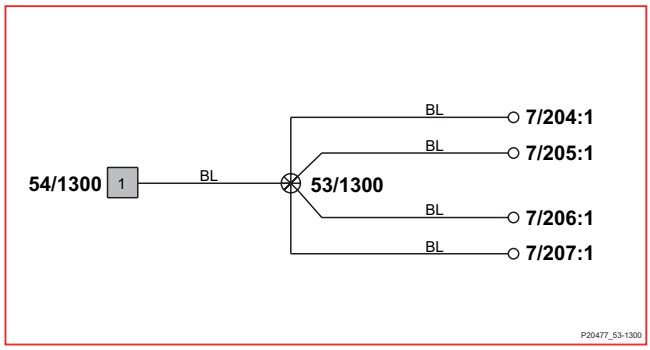


53/737

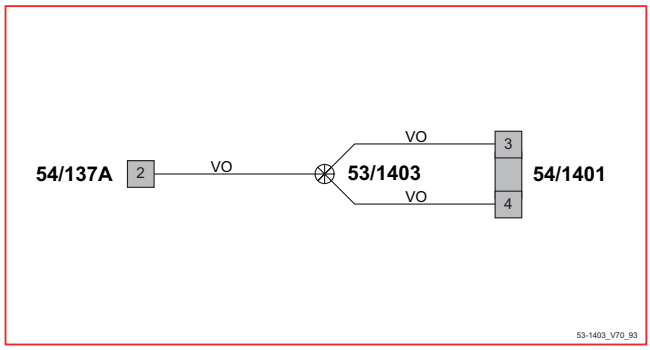


Branching points
53/1300 - 53/3009

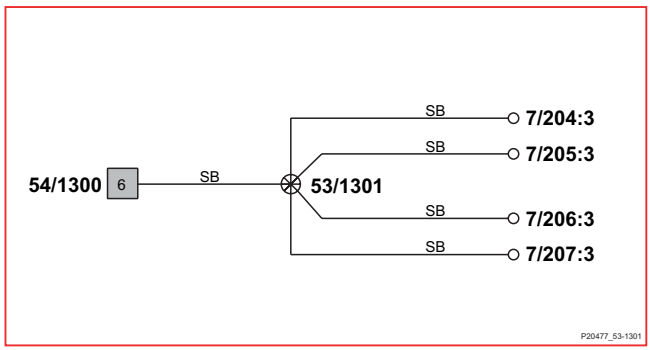
53/1300



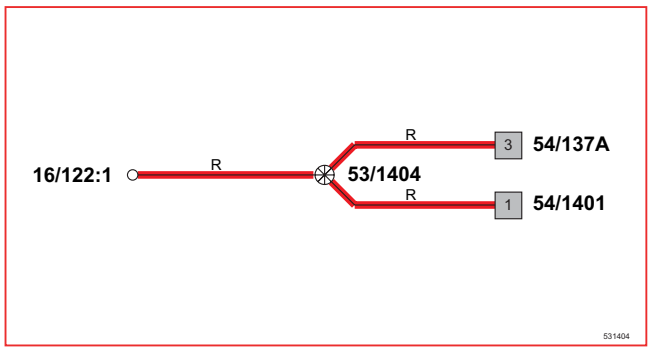
53/1403



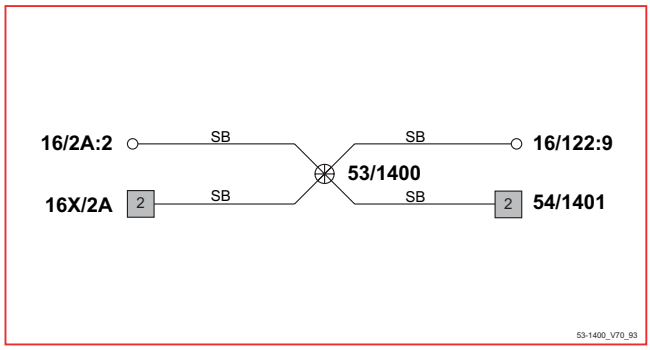
53/1301



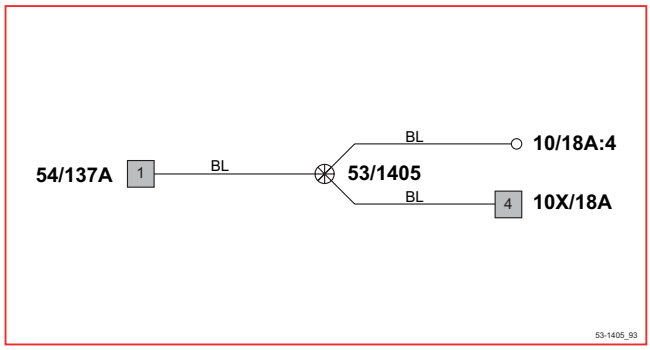
53/1404



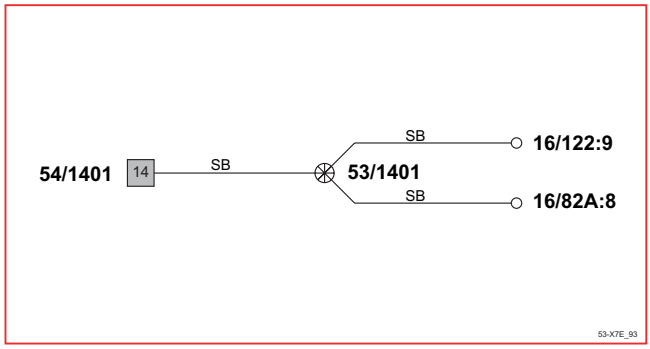
53/1400



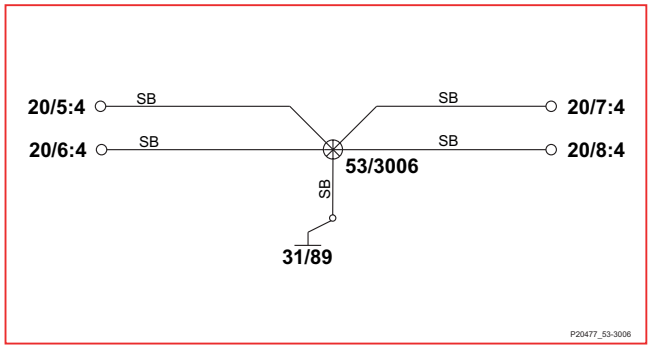
53/1405



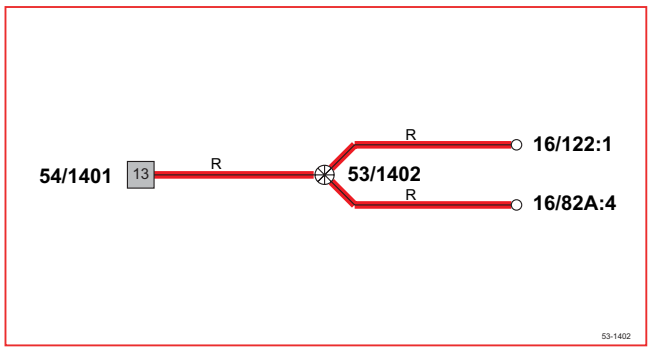
53/1401



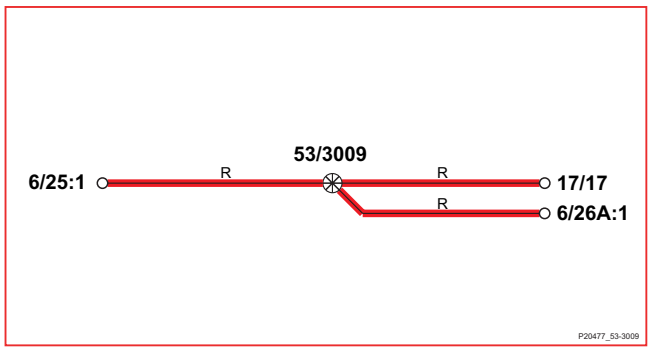
53/3006



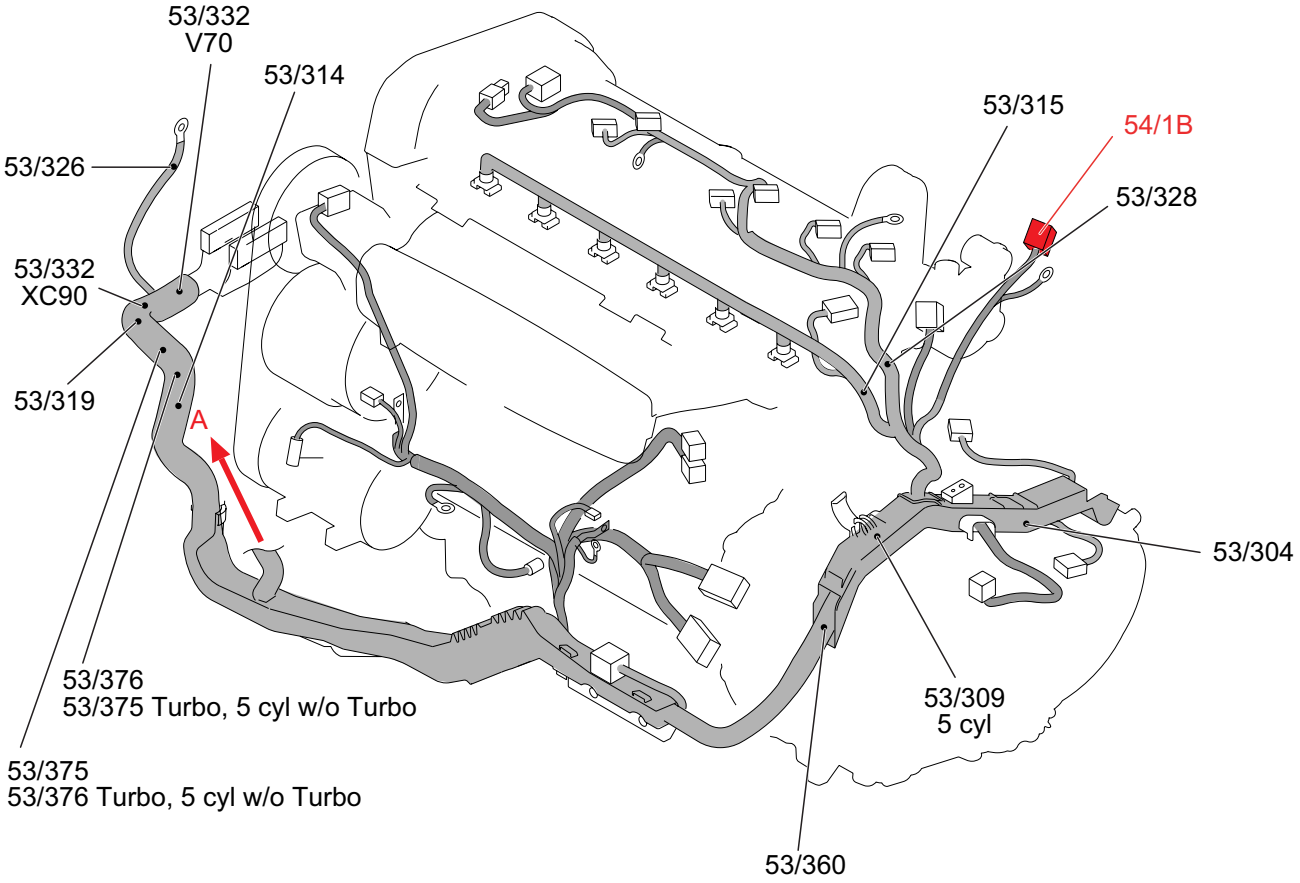
53/1402

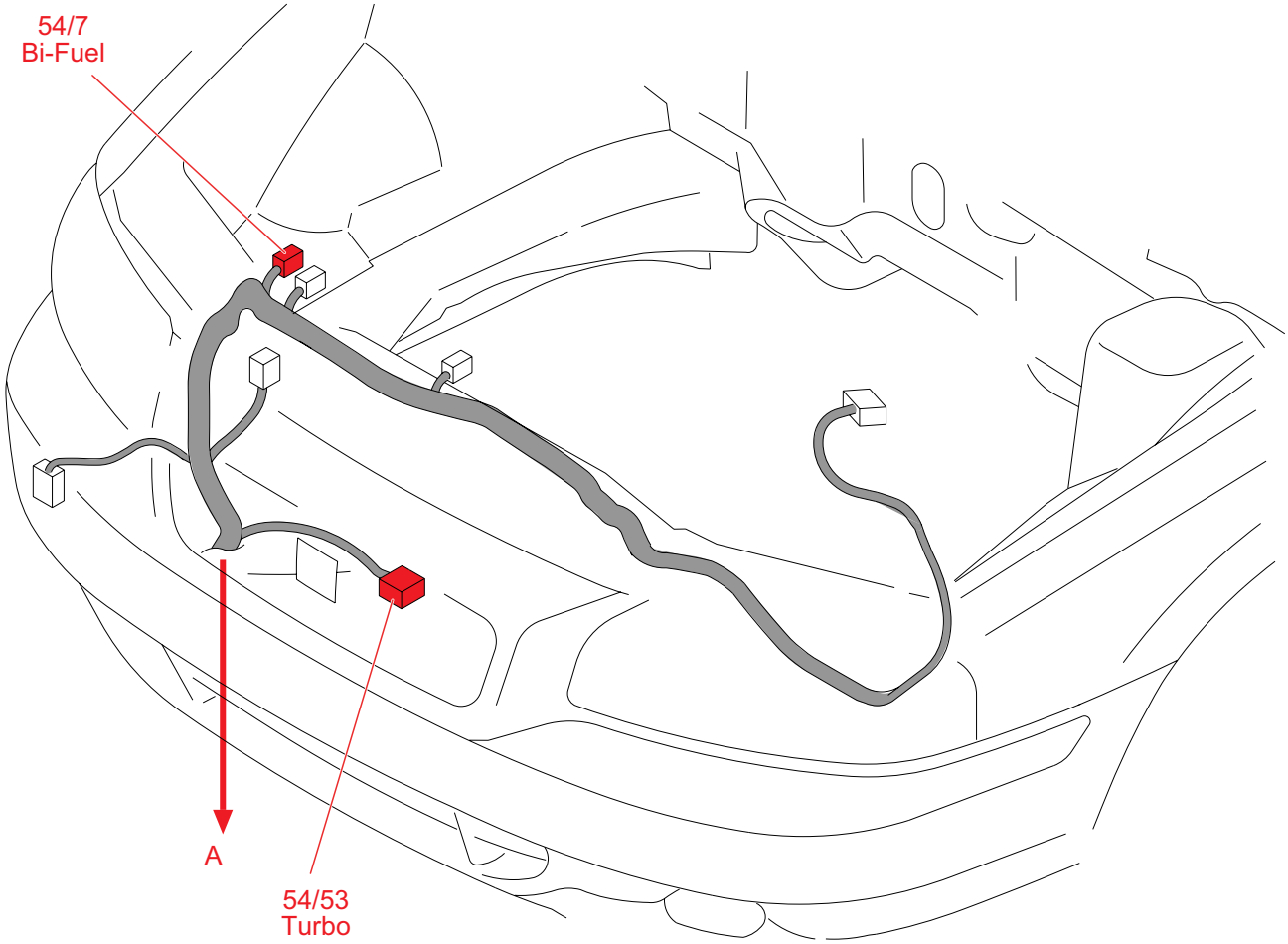


53/3009

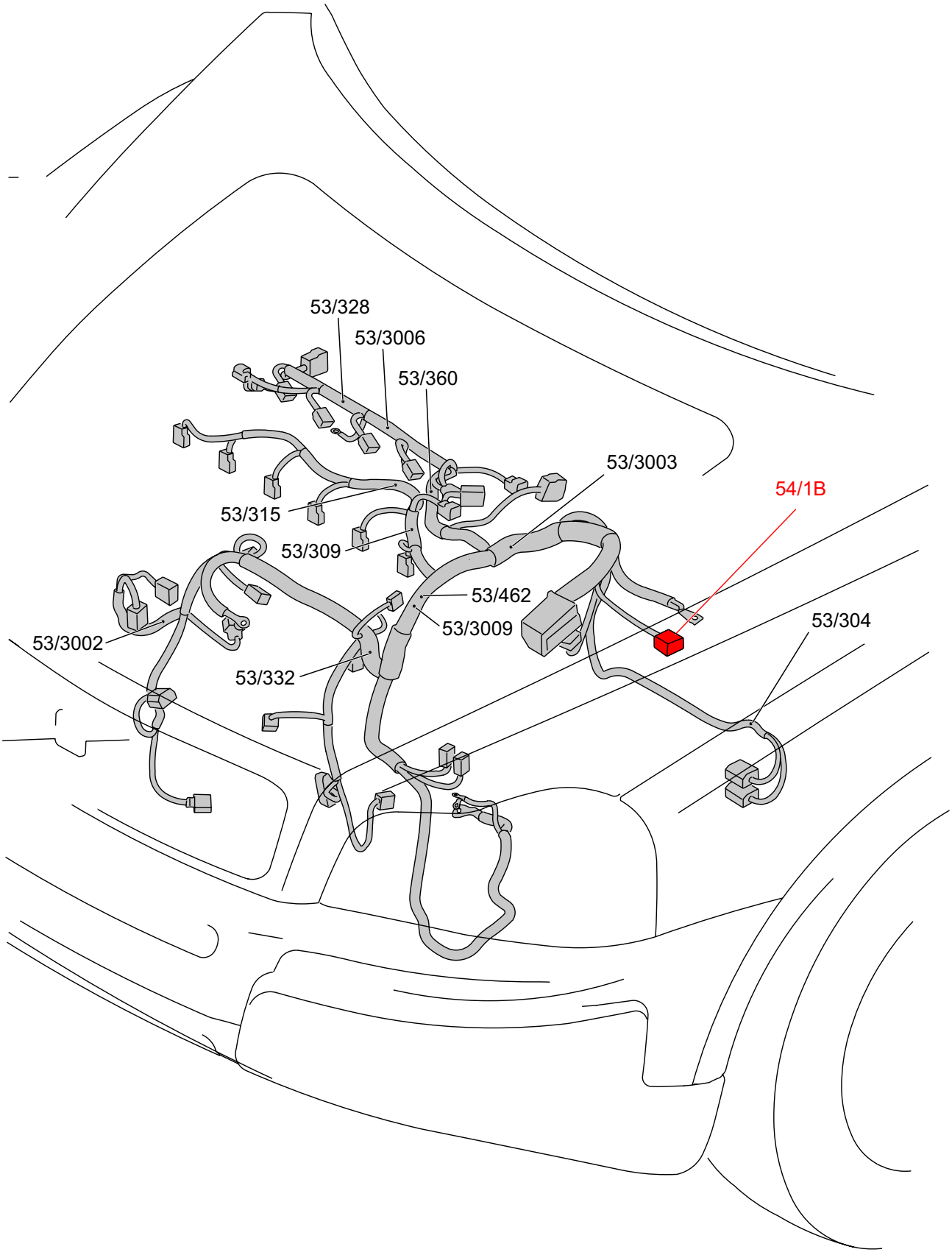


Cable harness routine in vehicle
Engine harness Gasoline

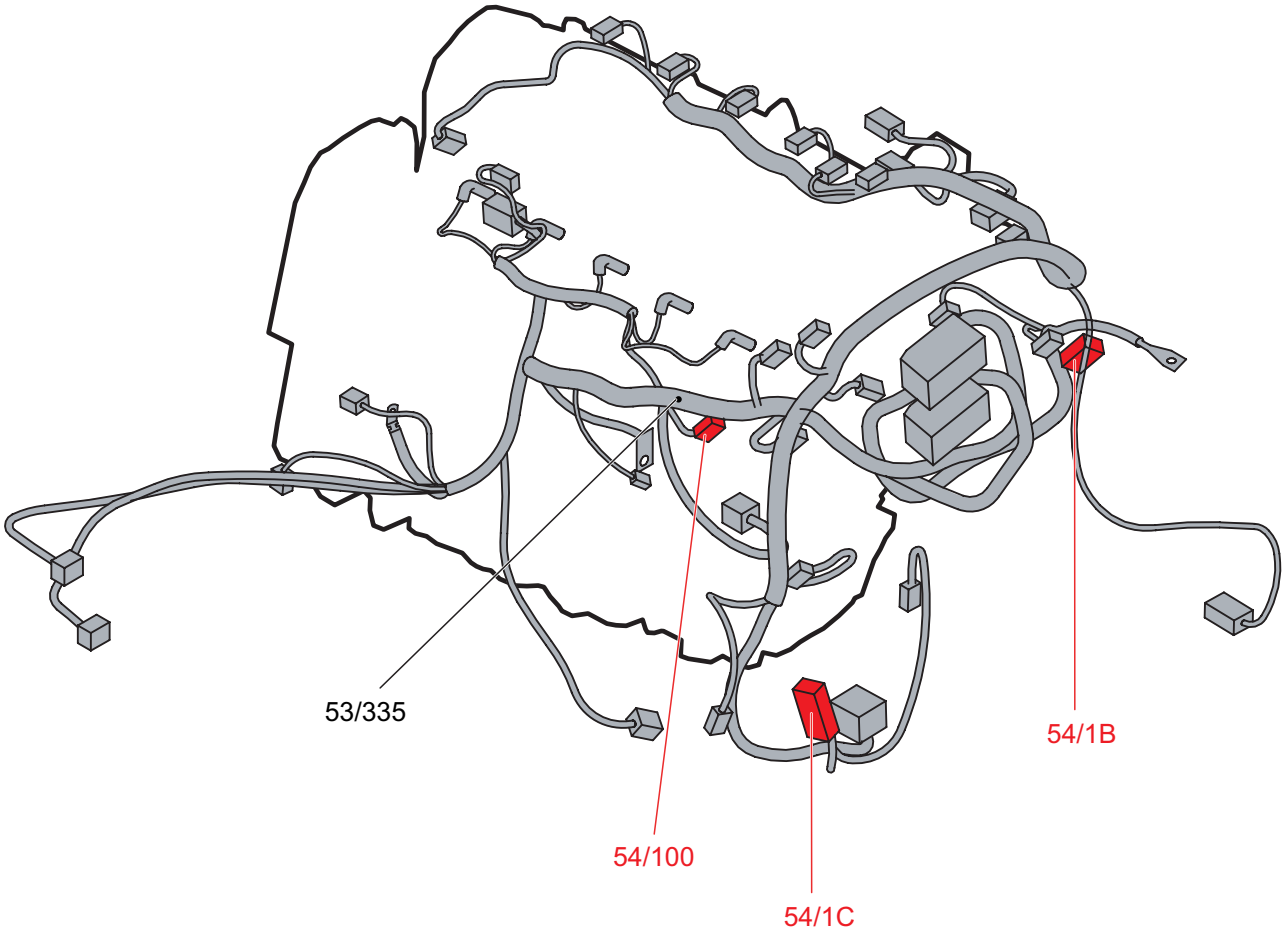




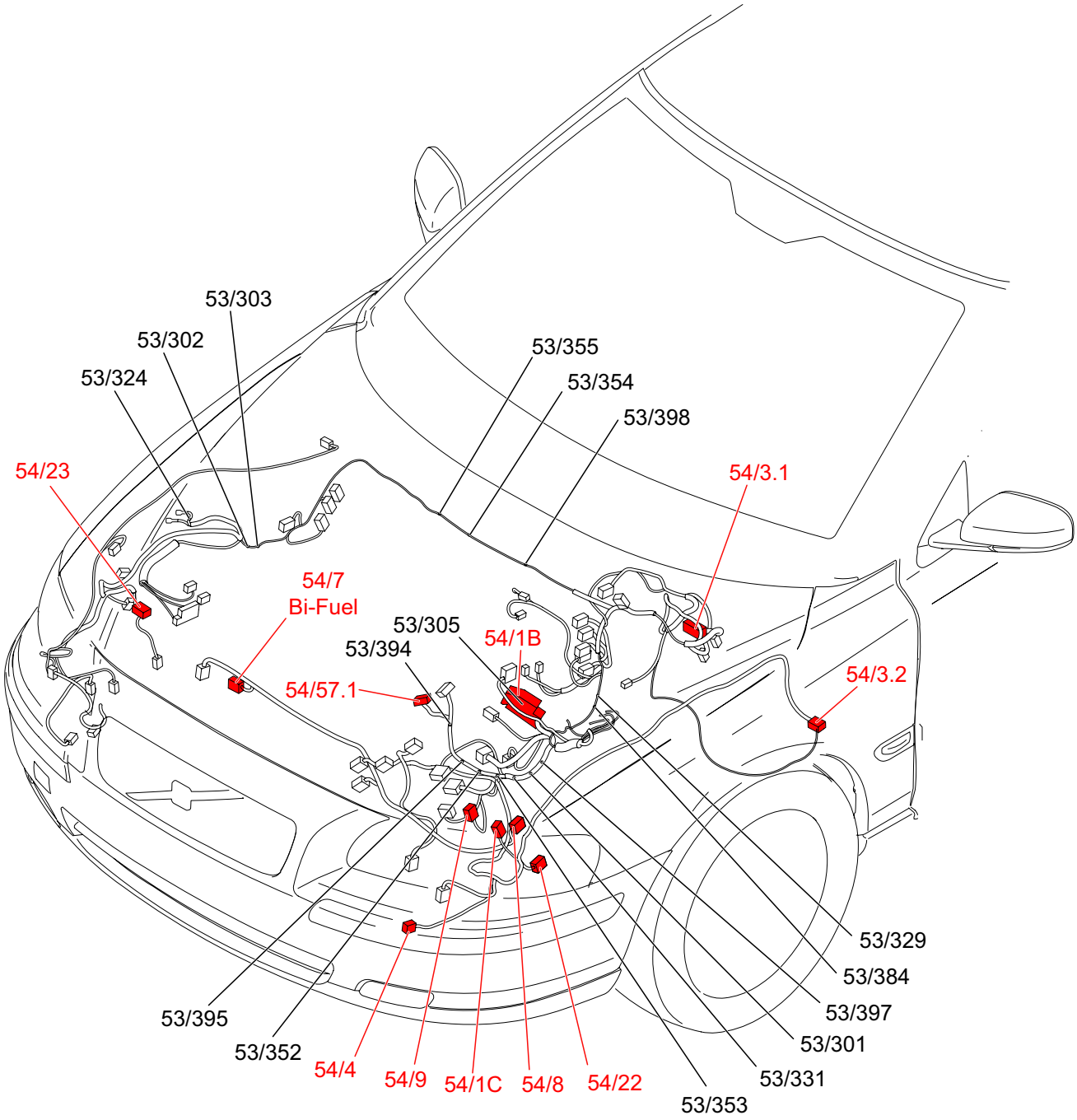
Cable harness routine in vehicle
Engine harness Gasoline 6-cyl



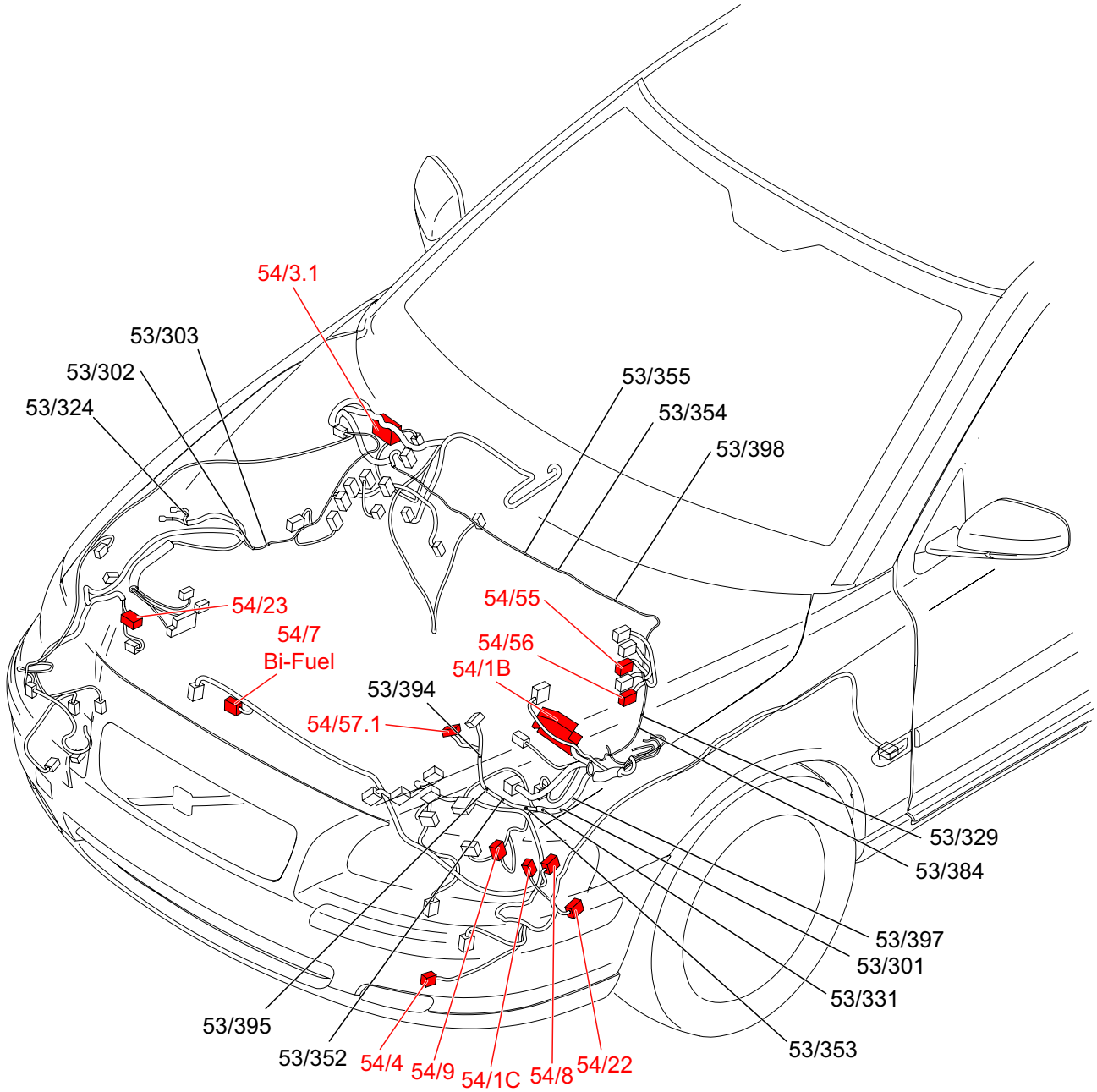
Cable harness routine in vehicle
Engine harness Diesel



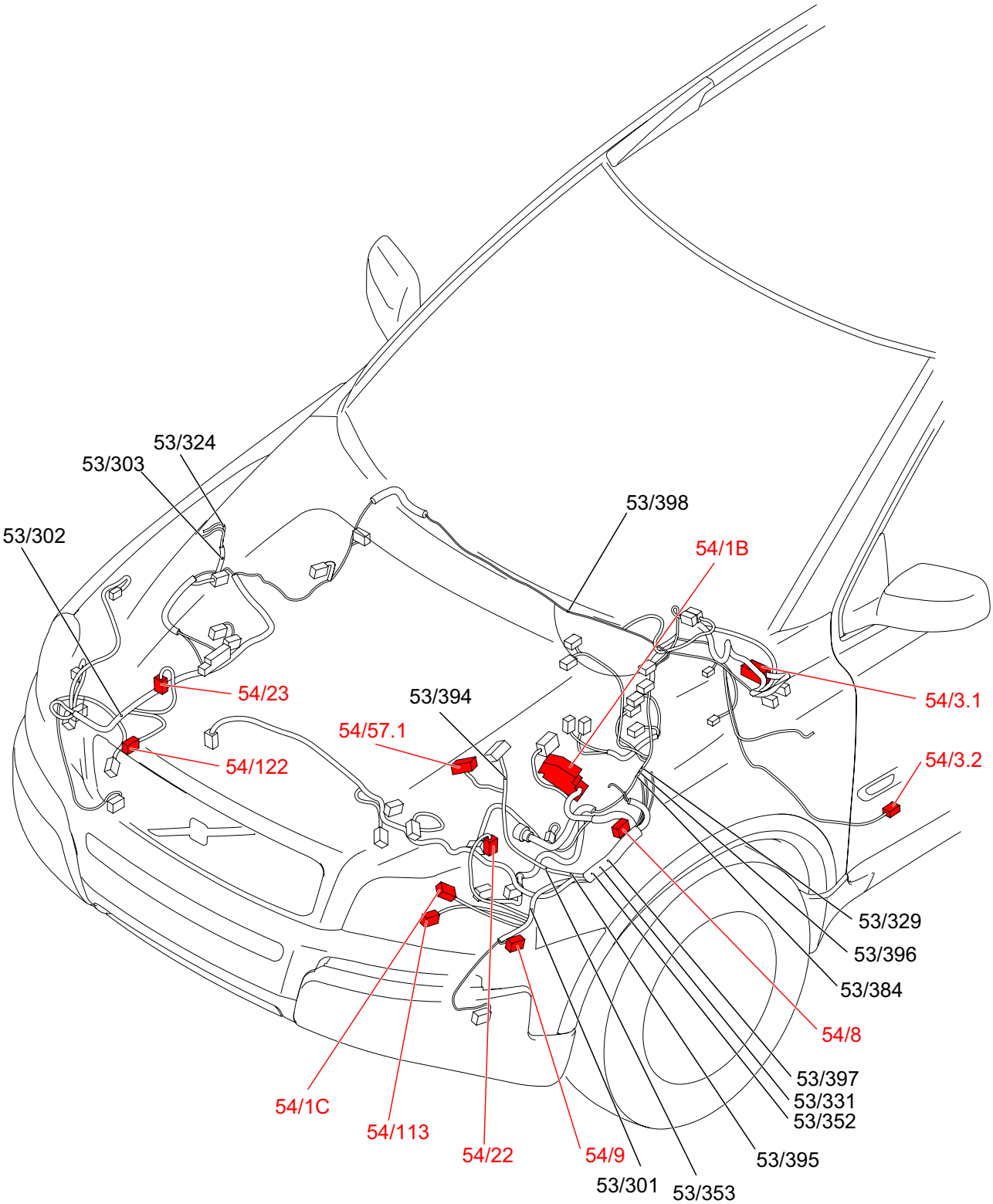
Cable harness routine in vehicle
Engine compartment harness LHD, V70



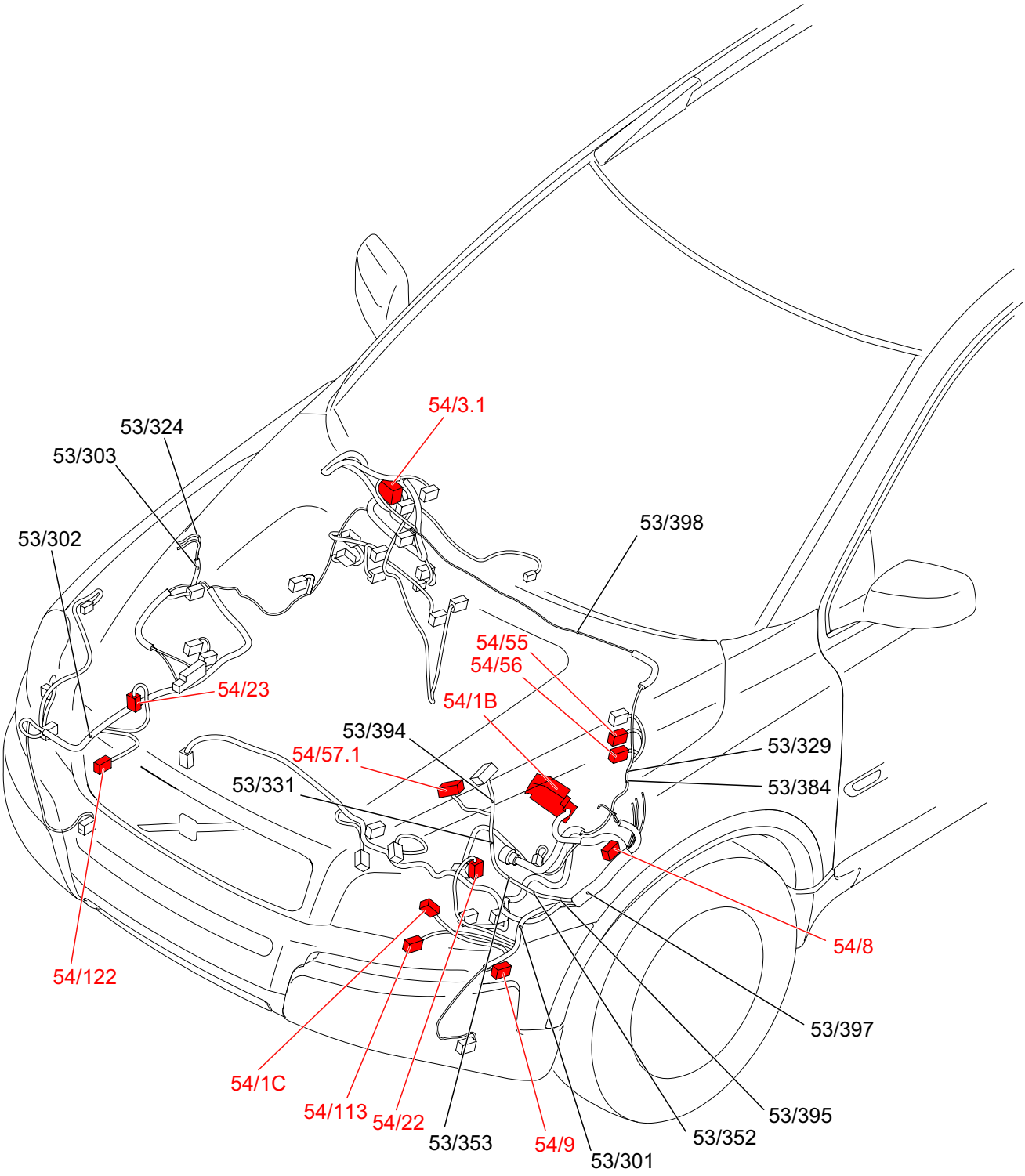
Cable harness routine in vehicle
Engine compartment harness RHD, V70



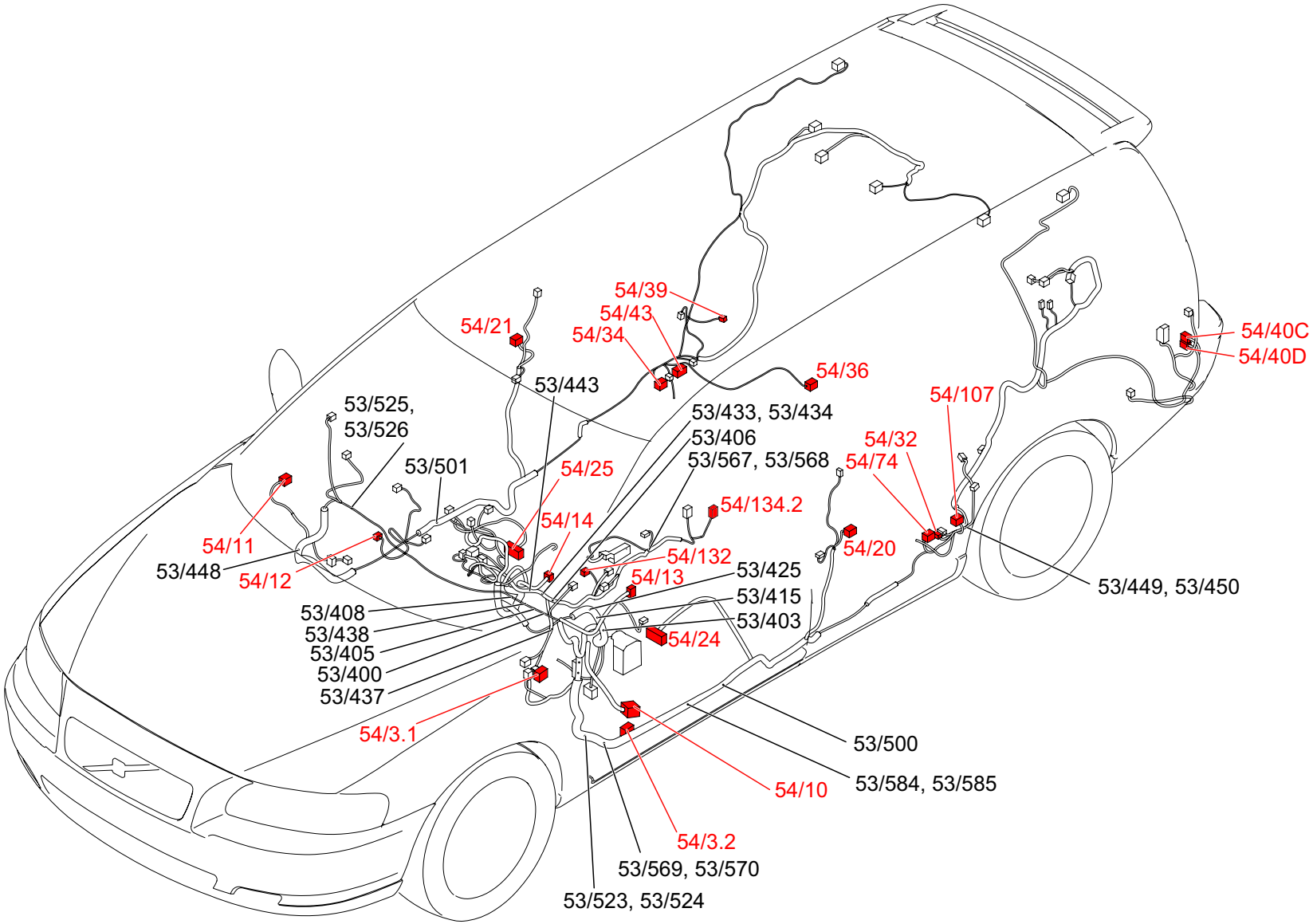
Cable harness routine in vehicle
Engine compartment harness LHD, XC90



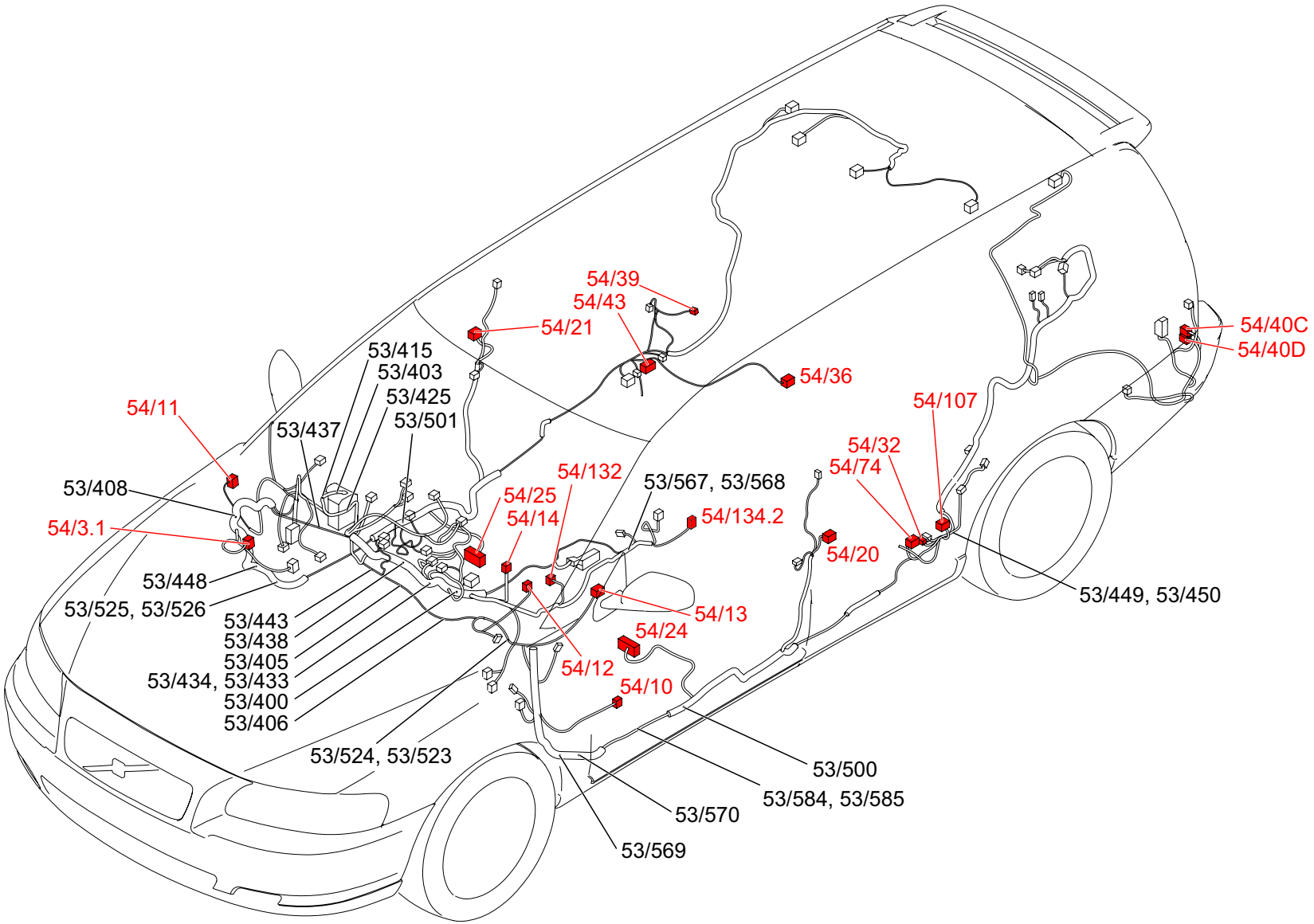
Cable harness routine in vehicle
Engine compartment harness RHD, XC90



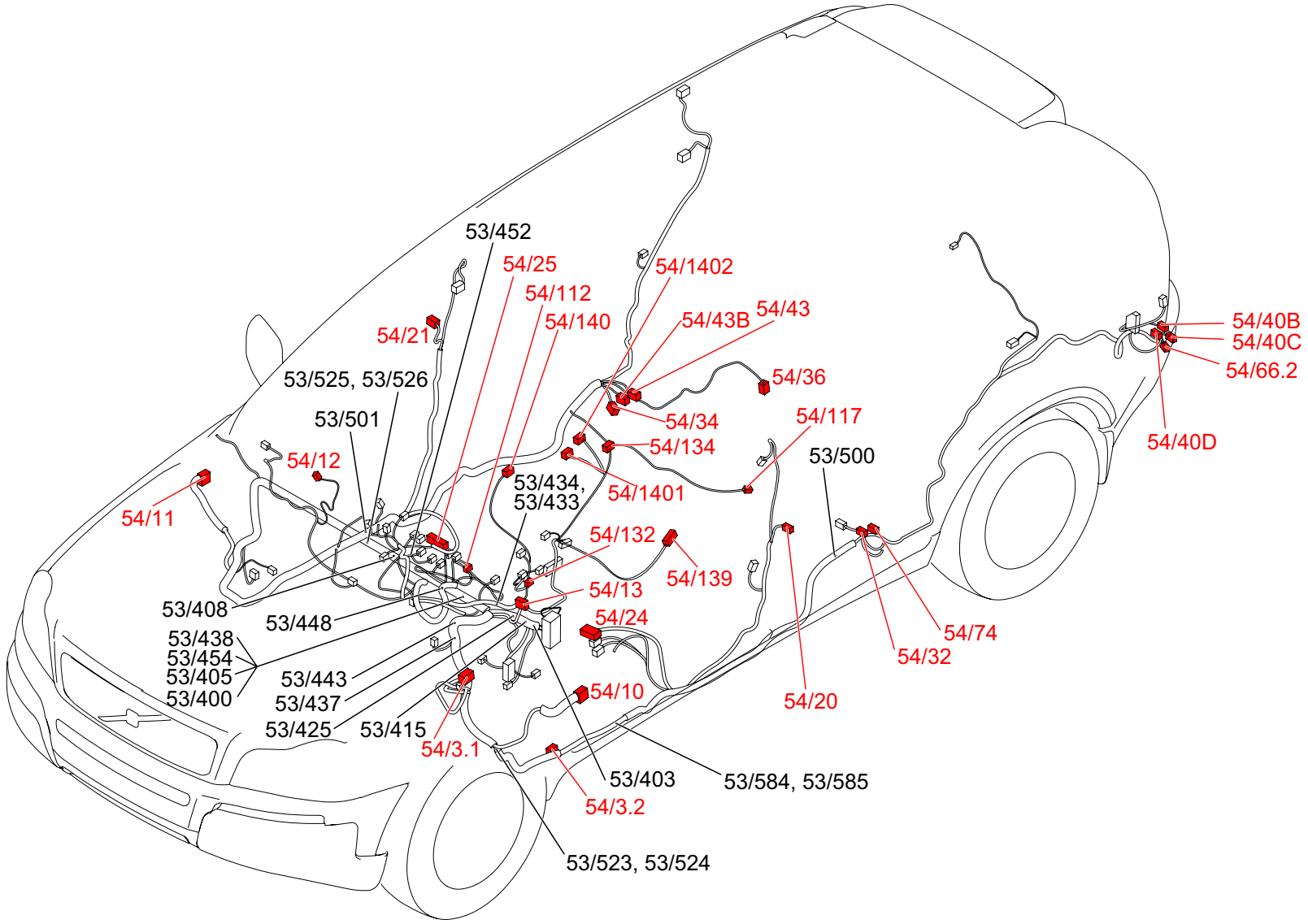
Cable harness routine in vehicle
Passenger compartment harness LHD, V70



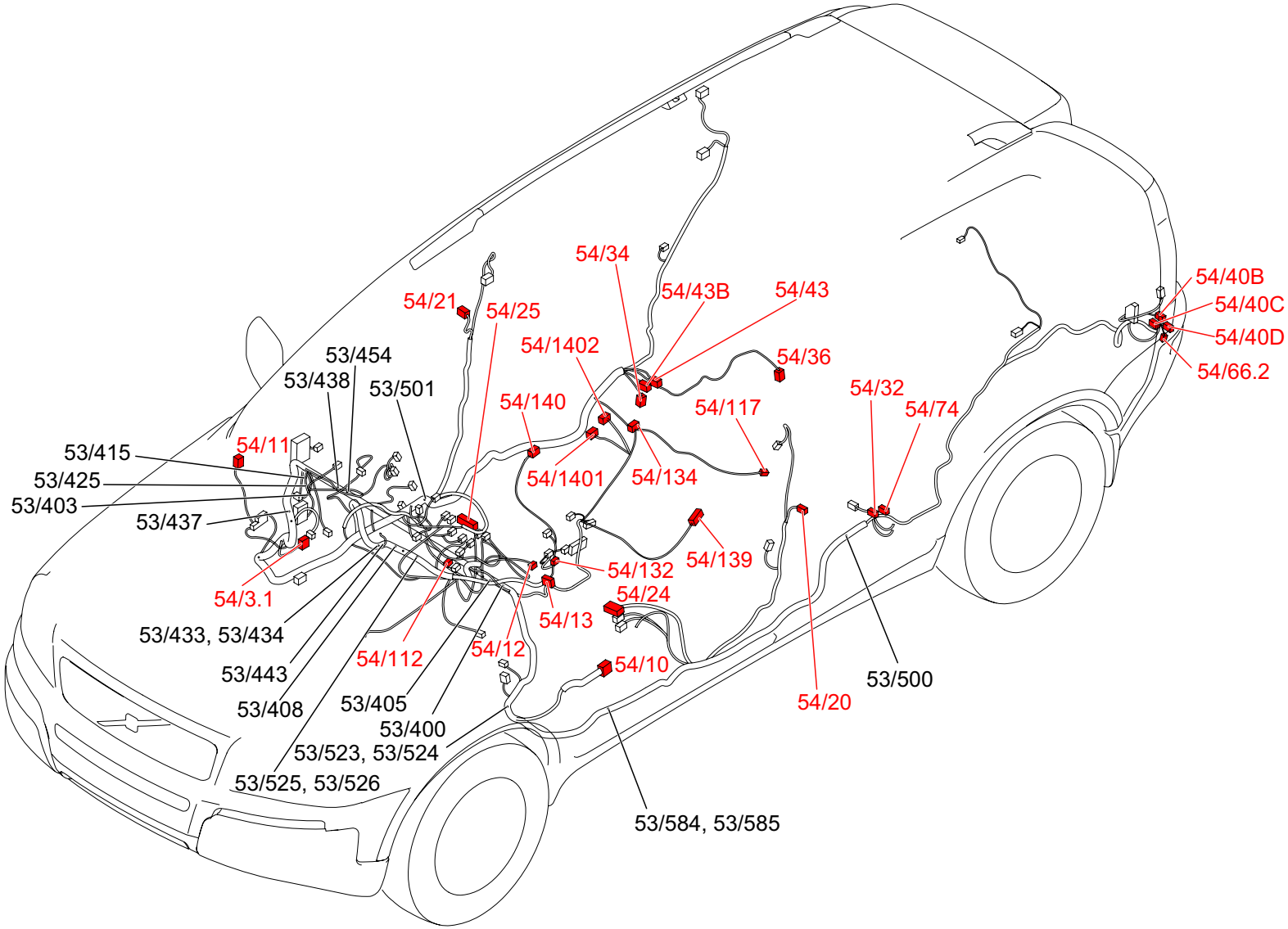
Cable harness routine in vehicle
Passenger compartment harness RHD, V70



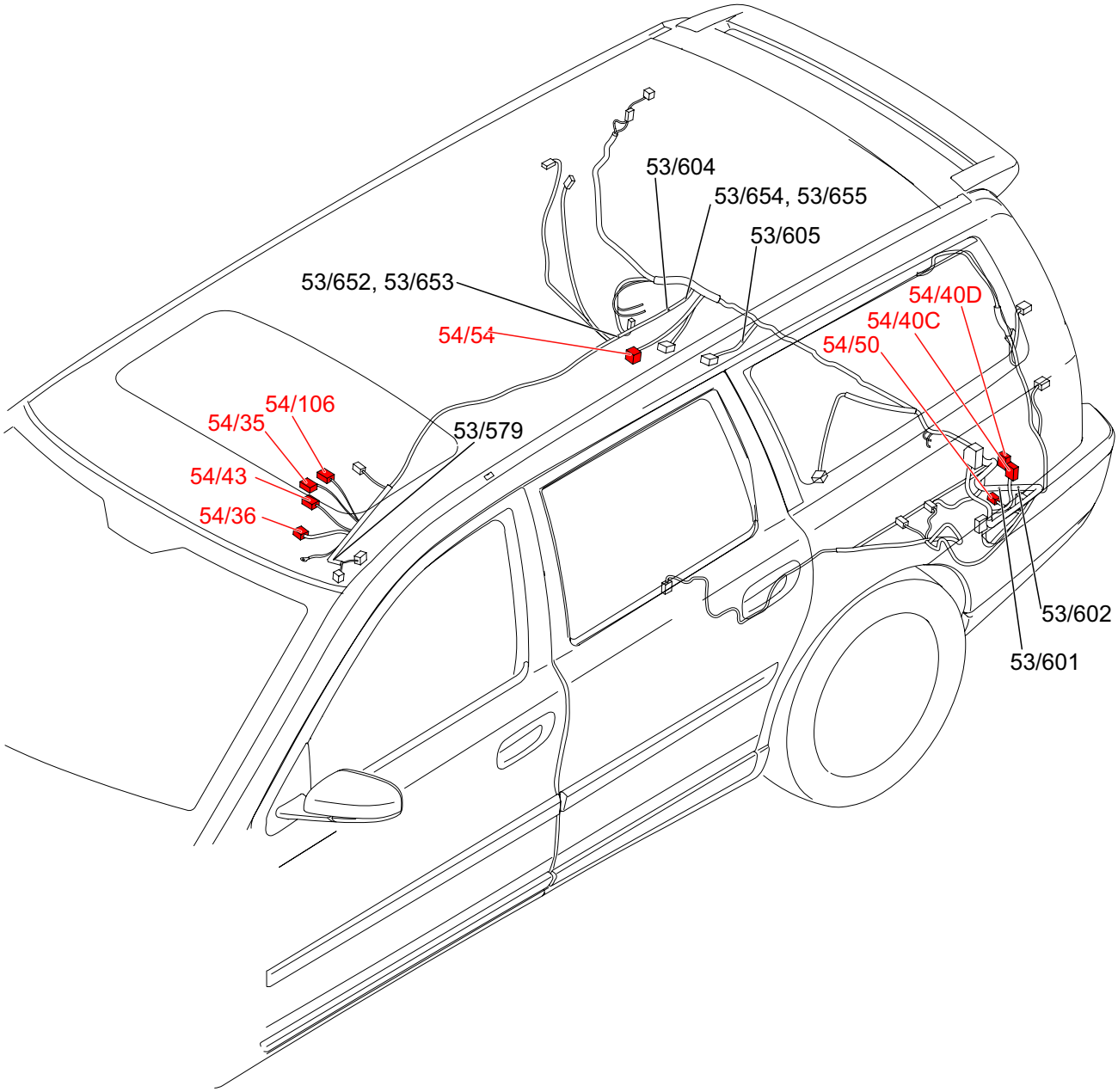
Cable harness routine in vehicle
Passenger compartment harness LHD, XC90



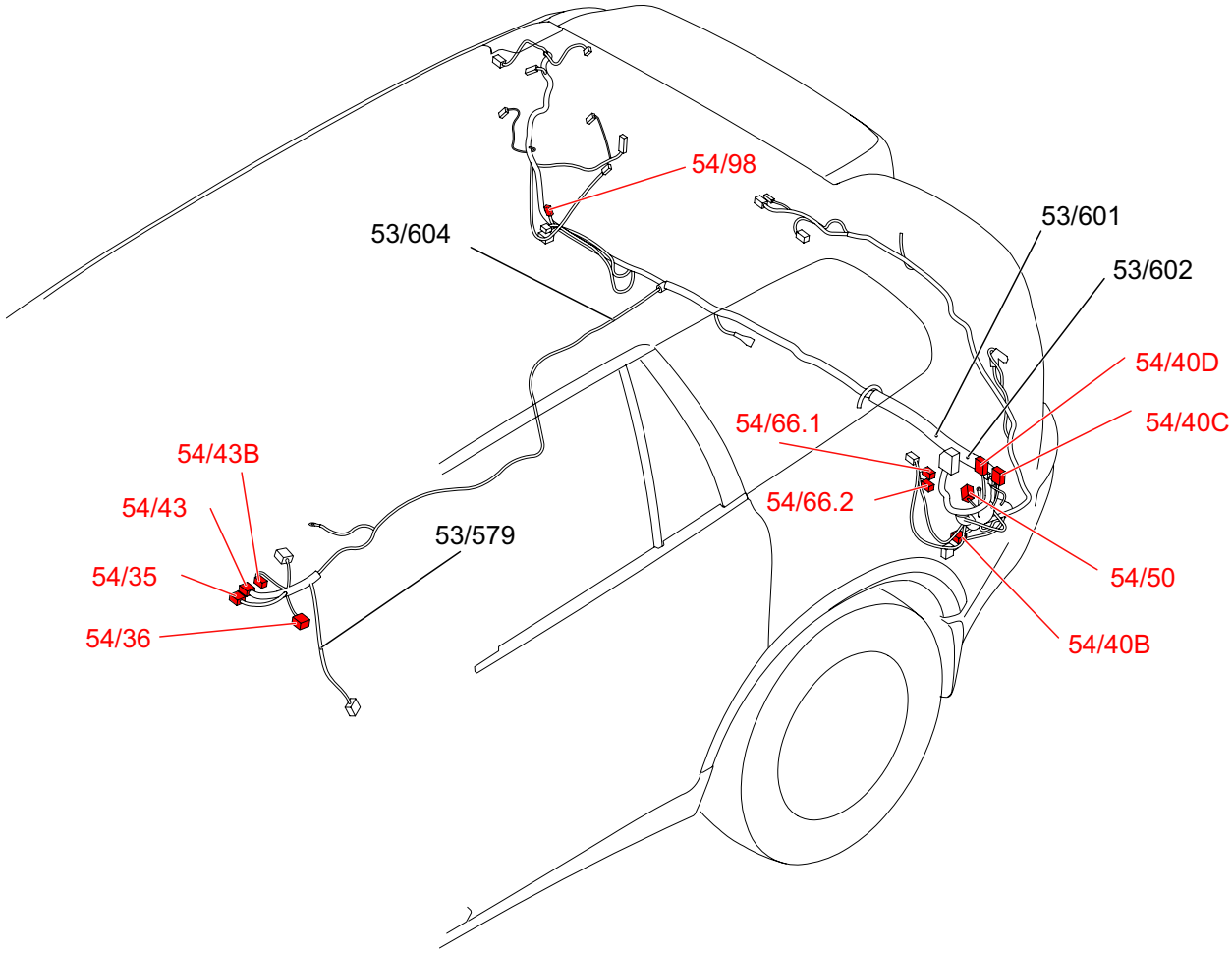
Cable harness routine in vehicle
Passenger compartment harness RHD, XC90



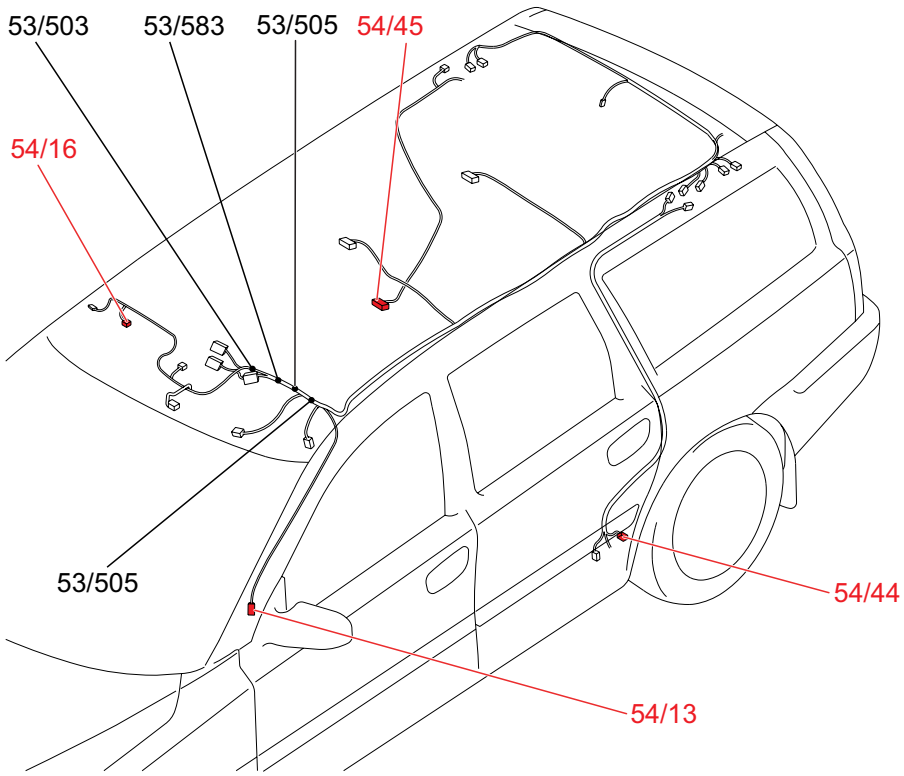
Cable harness routine in vehicle
Cargo compartment harness V70



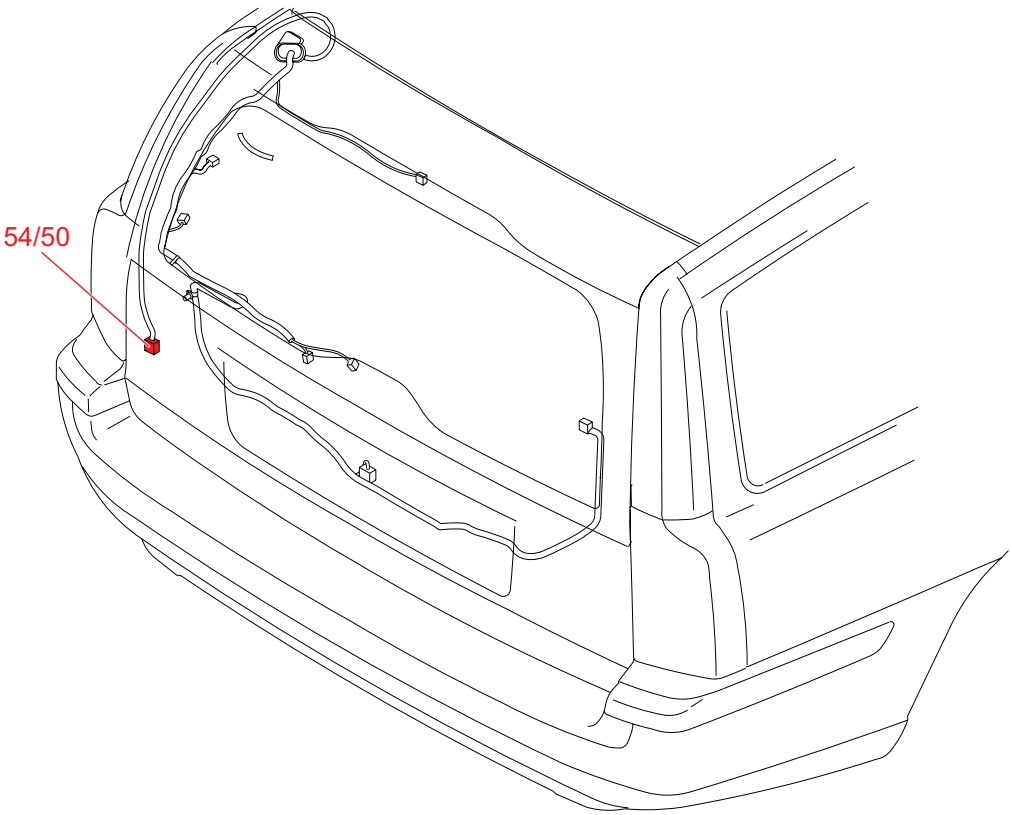
Cable harness routine in vehicle
Cargo compartment harness XC90



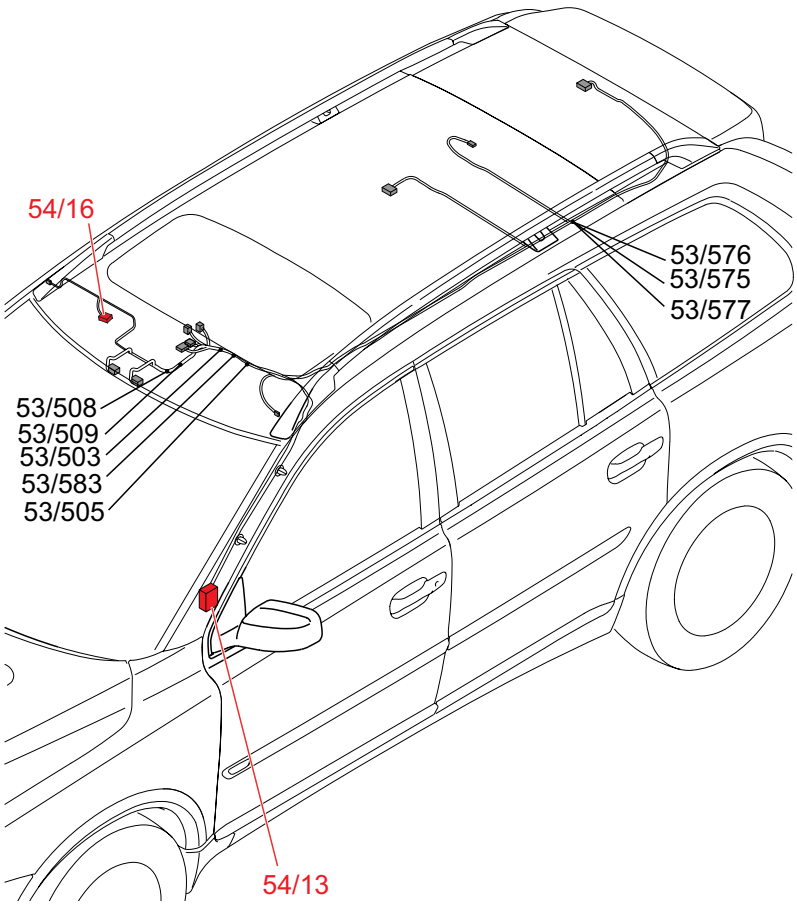
Cable harness routine in vehicle
Roof harness & Inflatable curtain harness V70



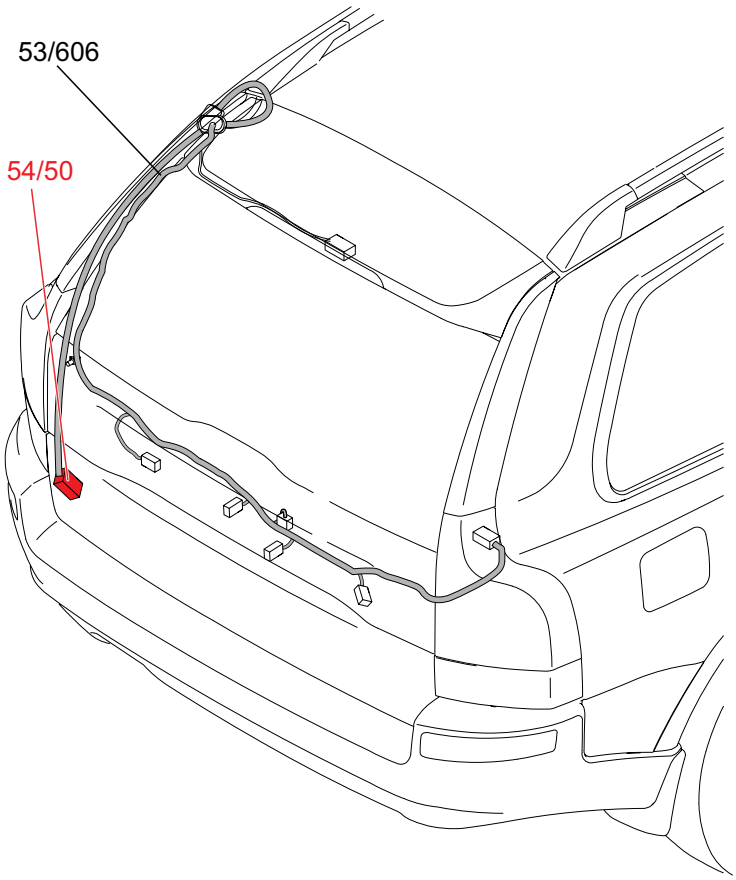
Tailgate harness V70



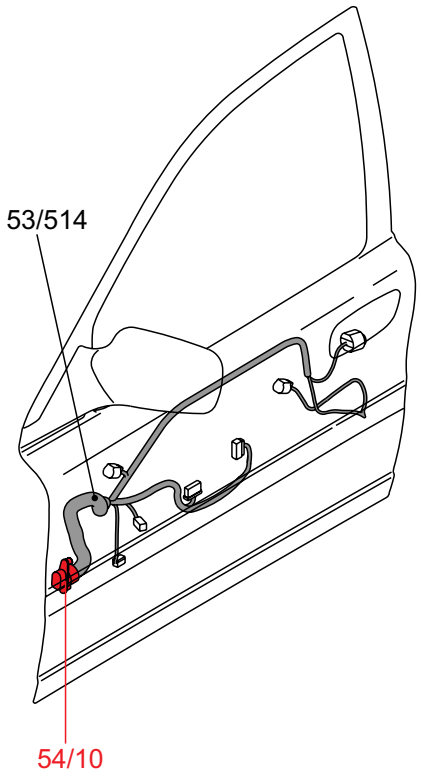
Cable harness routine in vehicle
Roof harness XC90

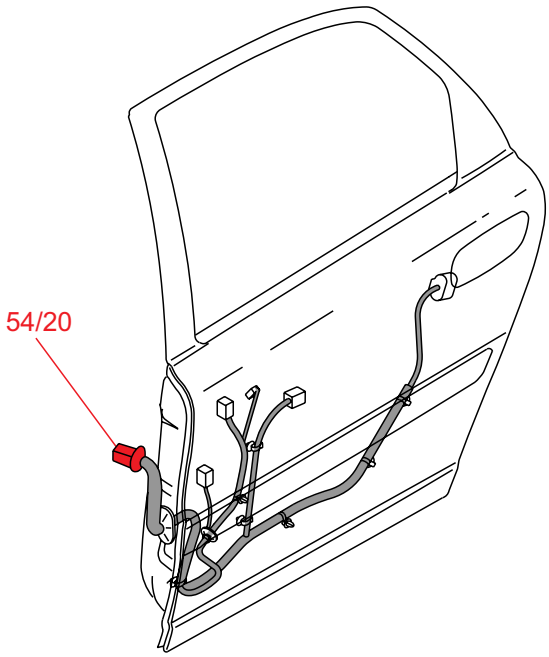


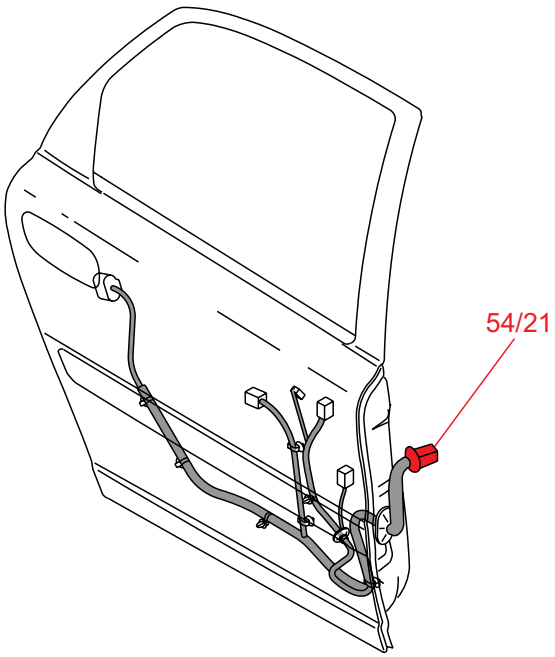
Tailgate harness XC90

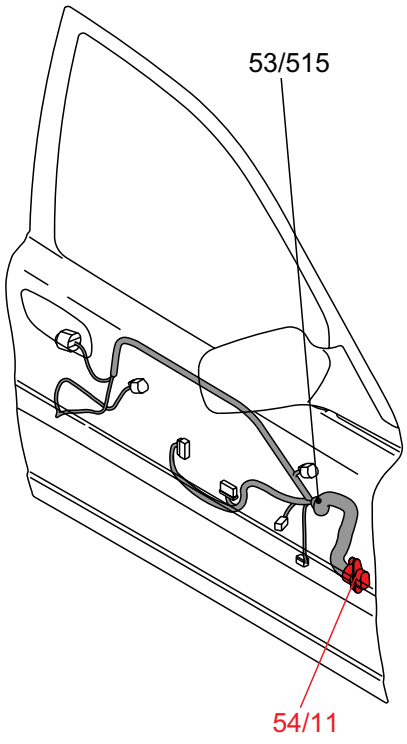


Cable harness routine in vehicle
Door harness V70

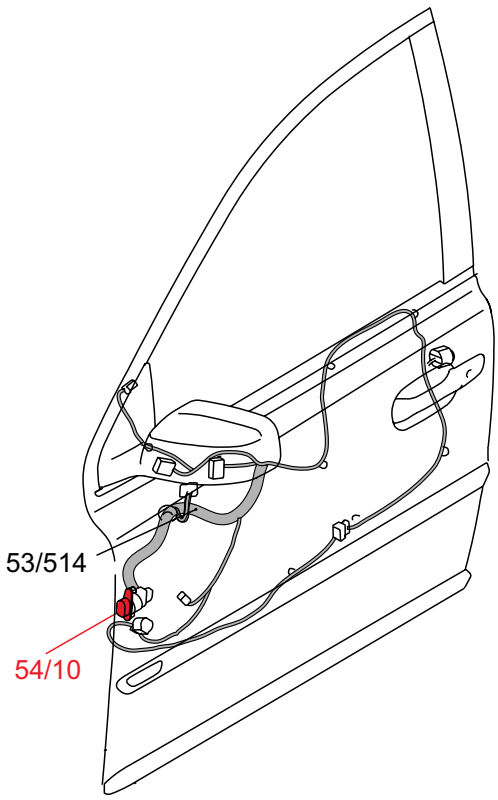


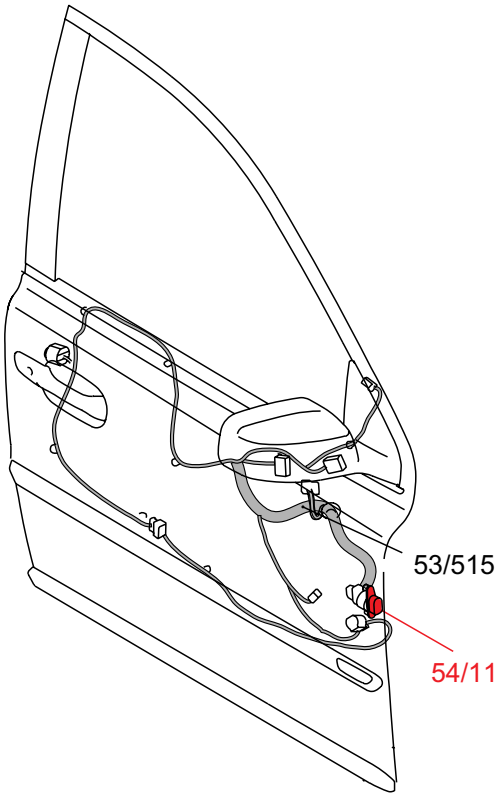


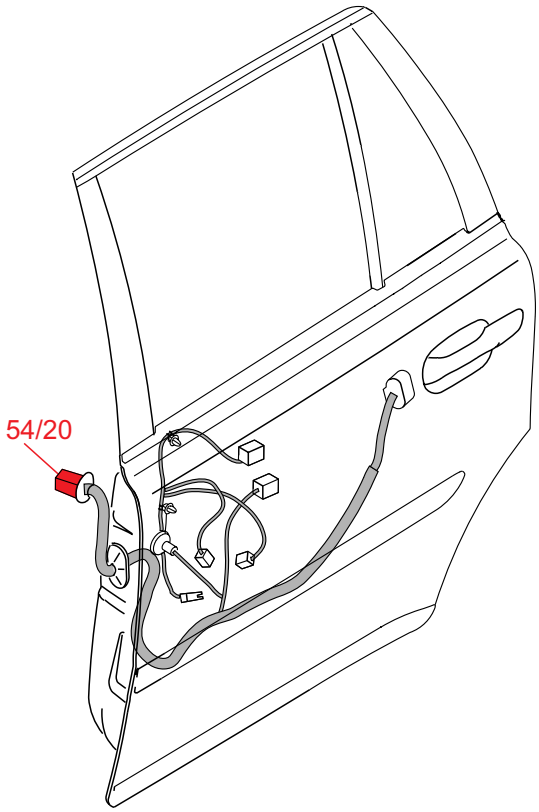


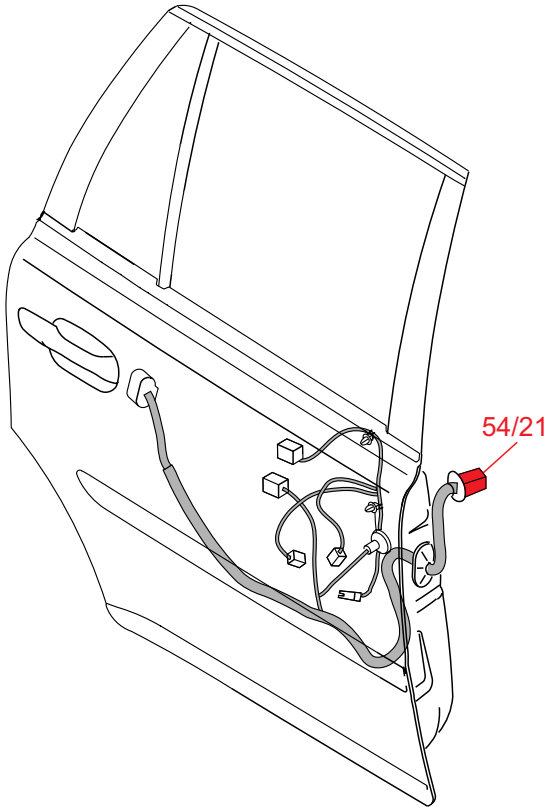


Cable harness routine in vehicle
Door harness XC90

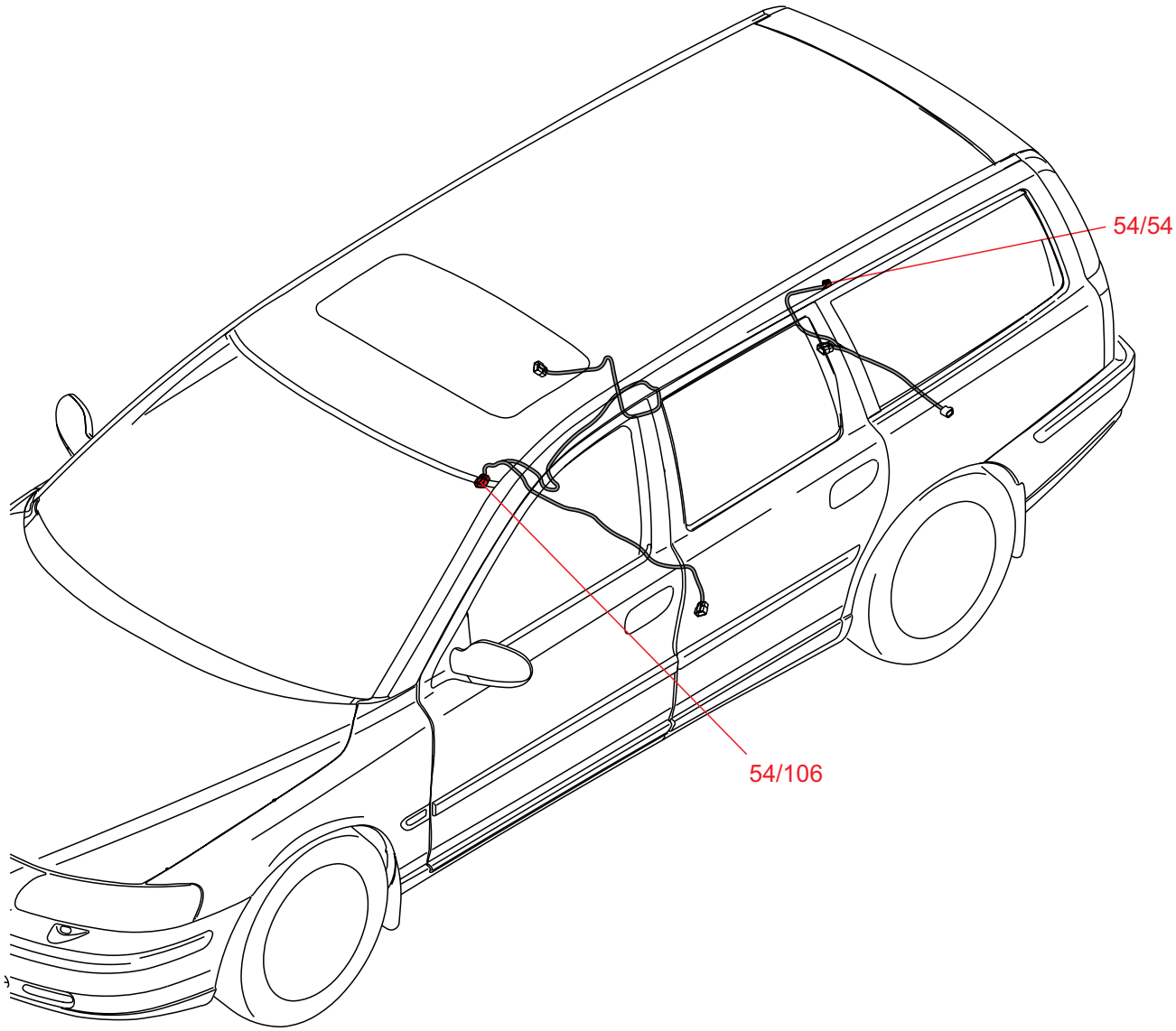




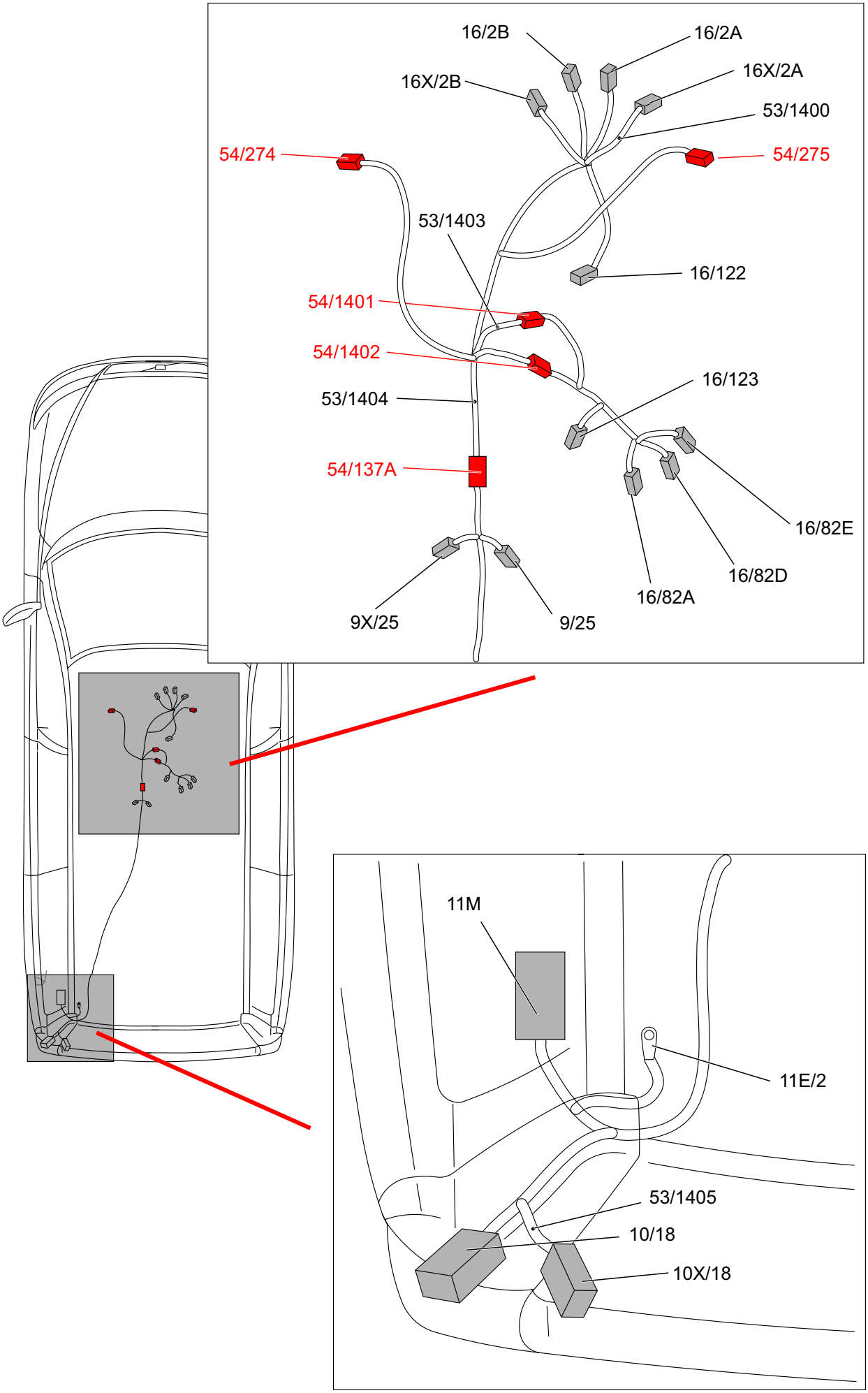




Cable harness routine in vehicle
Bi-Fuel harnesses V70

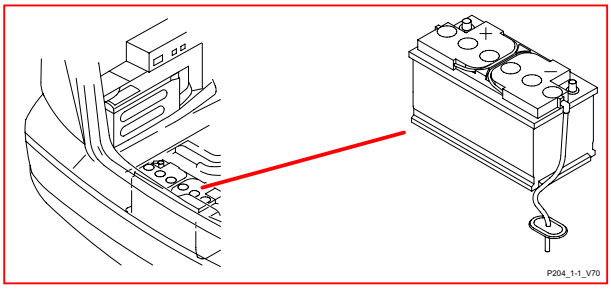


Cable harness routine in vehicle
Rear seat entertainment V70

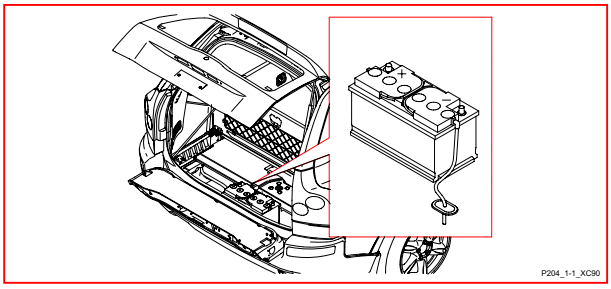


Component illustrations
1/1 V70 - 2/138 V70

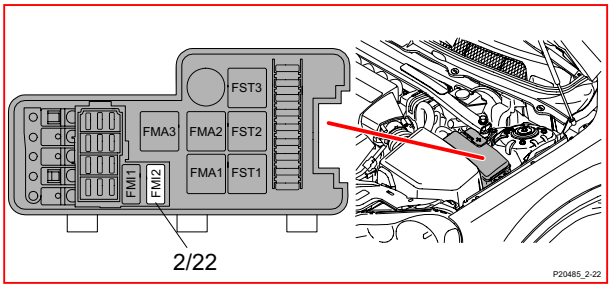
1/1 Battery V70



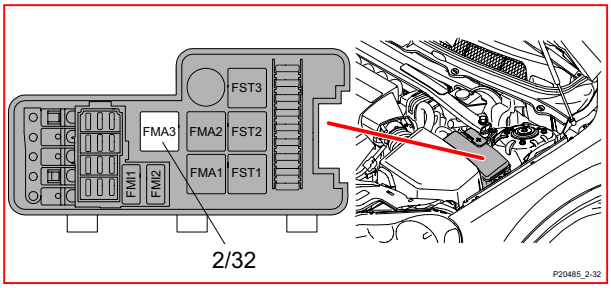
1/1 Battery XC90



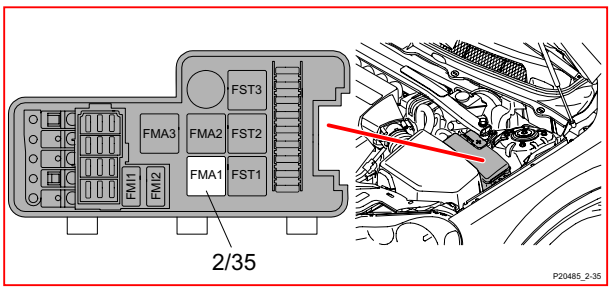
2/22 Relay, climate control system



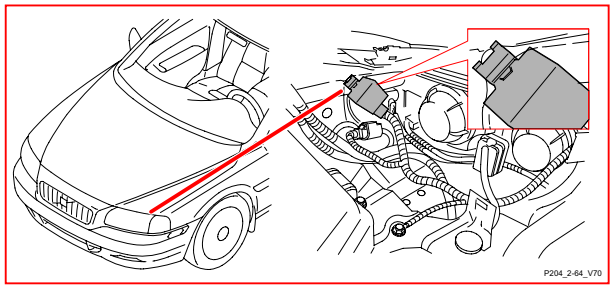
2/32 Main relay, engine management system



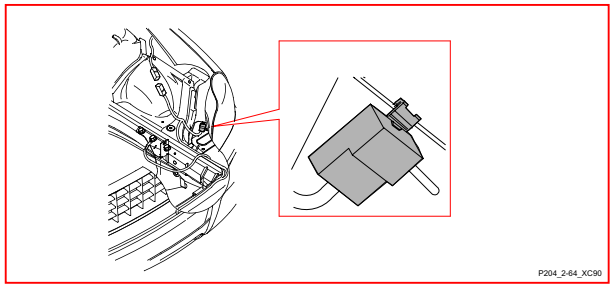
2/35 Relay, starter motor



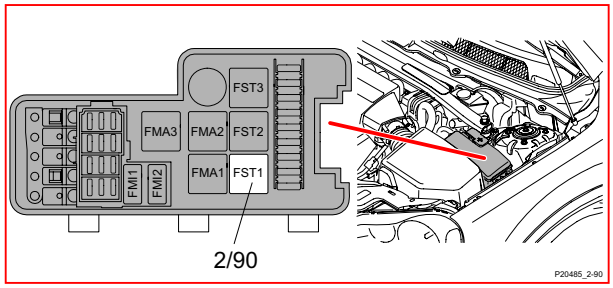
2/64 Auxiliary light relay V70



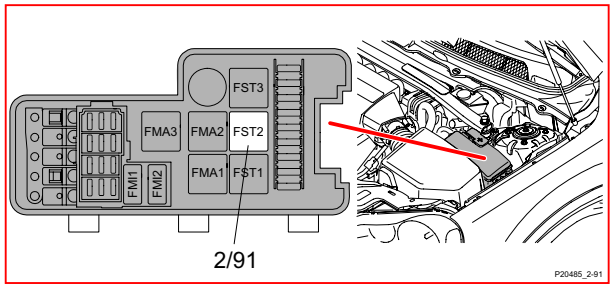
2/64 Auxiliary light relay XC90



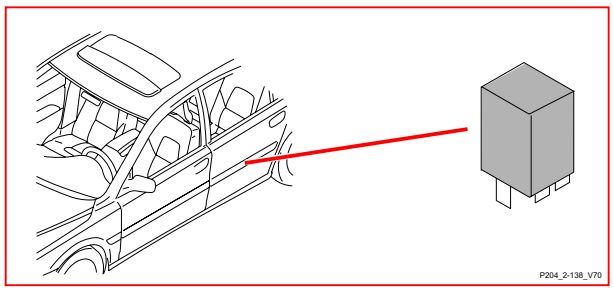
2/90 Relay, windshield wiper, low/high speed



2/91 Relay, intermittent wiping

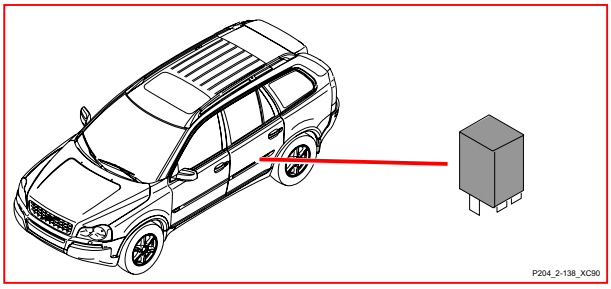


2/138 Deadlock relay, left rear door, V70

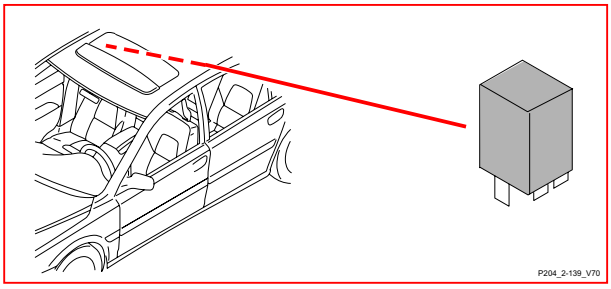


Component illustrations
2/138 XC90 - 3/1 V70

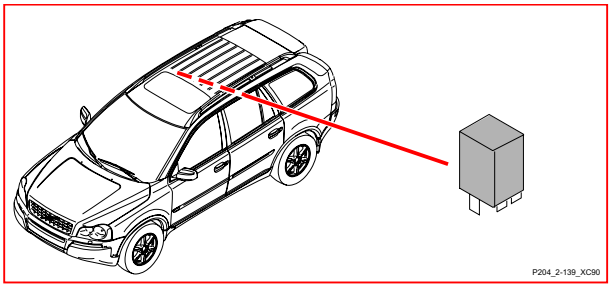
2/138 Deadlock relay, left rear door, XC90



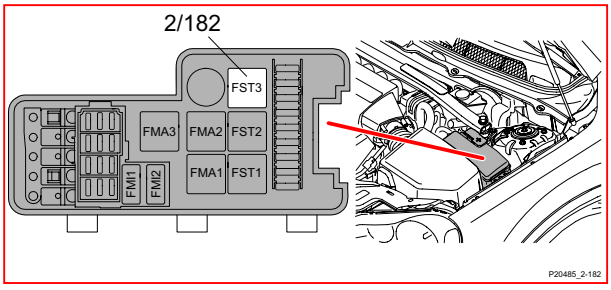
2/139 Deadlock relay, right rear door V70



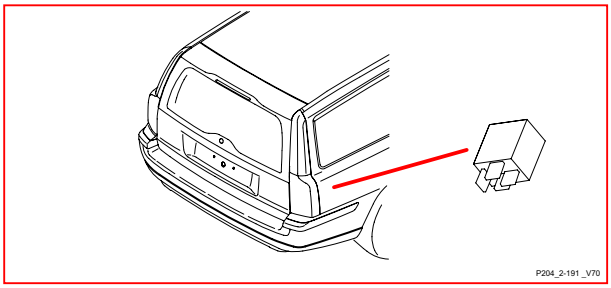
2/139 Deadlock relay, right rear door XC90



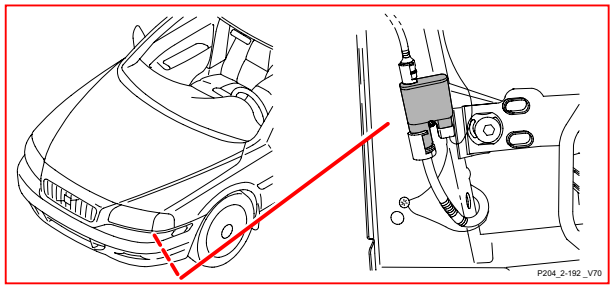
2/182 Relay, high pressure headlight washer motor



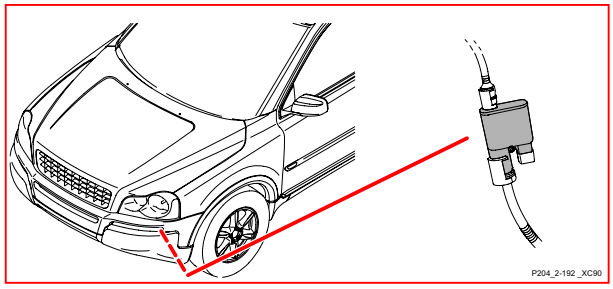
2/191 Relay, remote parking heater start, radio signal



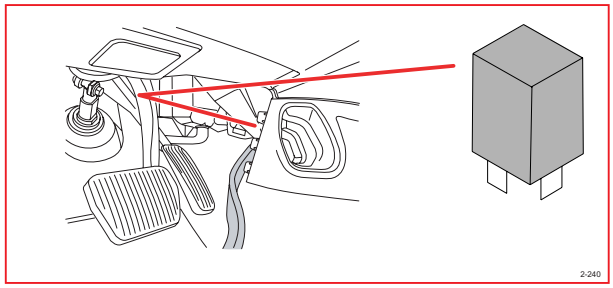
2/192 Relay, electric engine heater V70



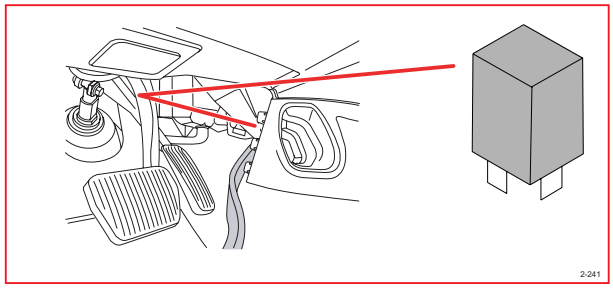
2/192 Relay, electric engine heater XC90



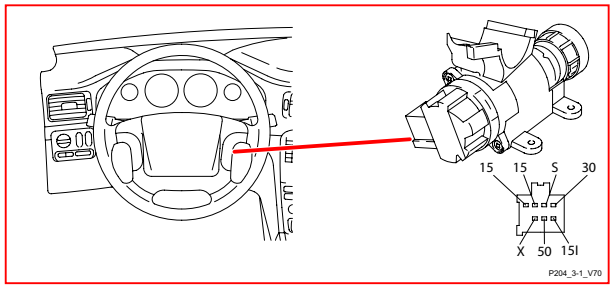
2/240 Alcohol lock relay, wake-up



2/241 Alcohol lock relay, interior lighting

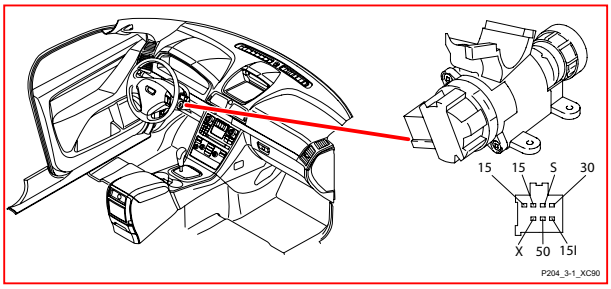


3/1 Ignition switch V70

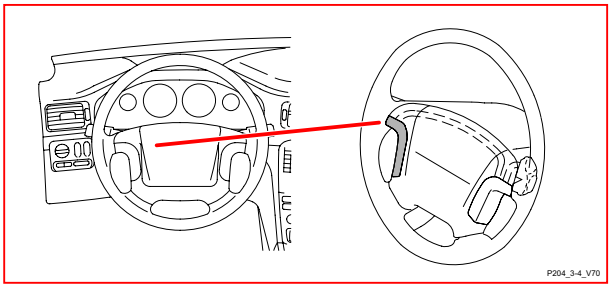


Component illustrations
3/1 XC90 - 3/25 V70

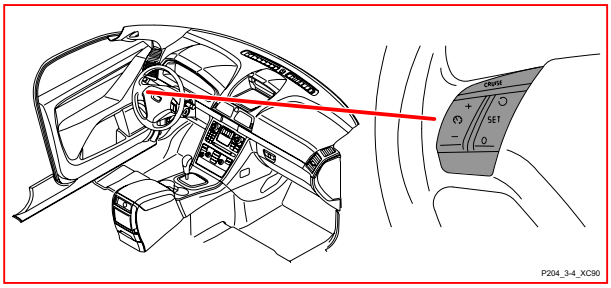
3/1 Ignition switch XC90



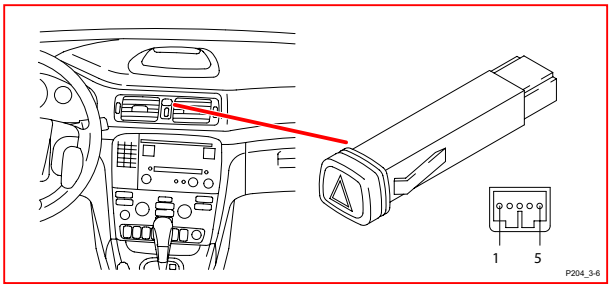
3/4 Steering Wheel Switch Left (SWSL) V70



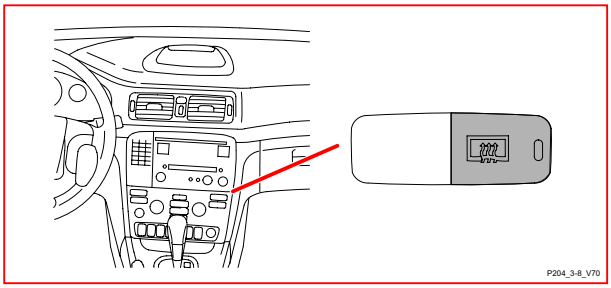
3/4 Steering Wheel Switch Left (SWSL) XC90



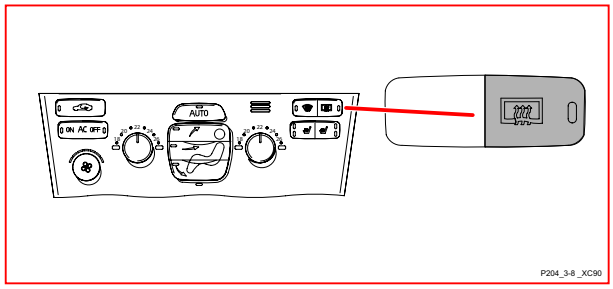
3/6 Switch, hazard warning flashers



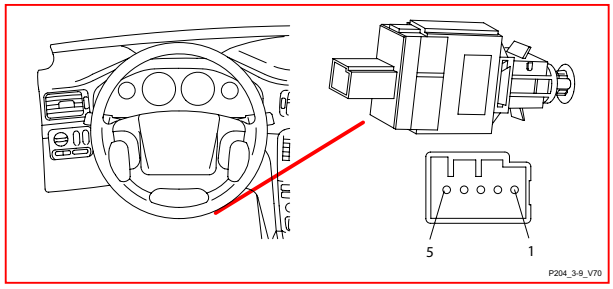
3/8 Switch, heated rear window/exterior rearview mirrors V70



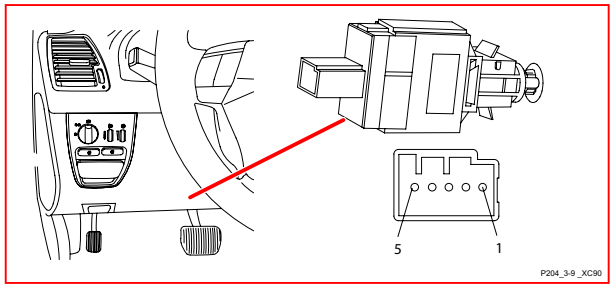
3/8 Switch, heated rear window/exterior rearview mirrors XC90



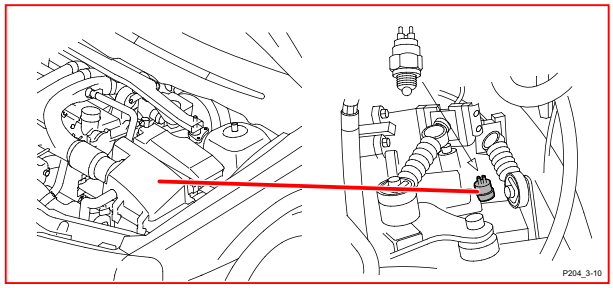
3/9 Brake light contact V70



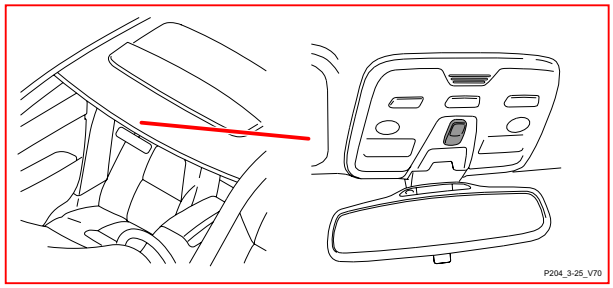
3/9 Brake light contact XC90



3/10 Reversing light contact

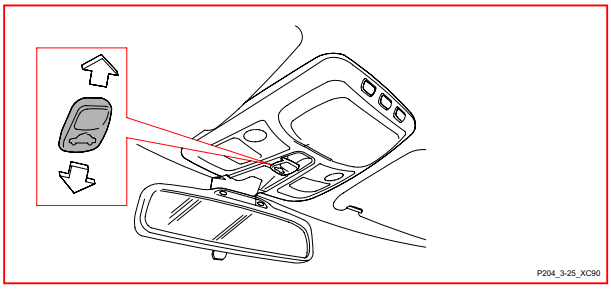


3/25 Power sunroof switch V70

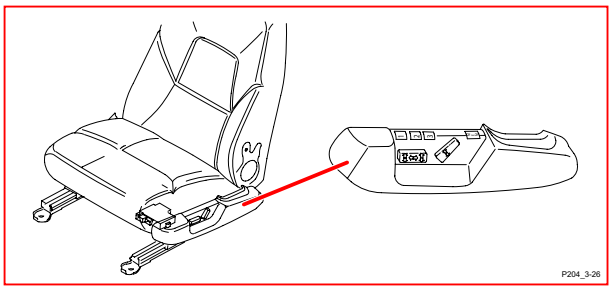


Component illustrations
3/25 XC90 - 3/60 V70

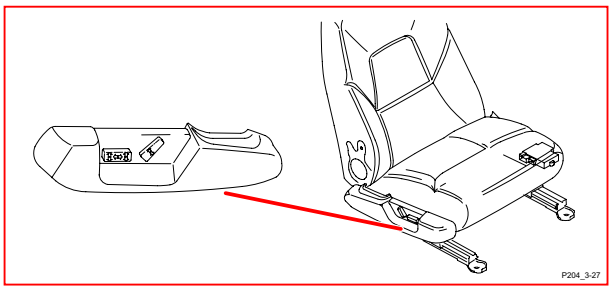
3/25 Power sunroof switch XC90



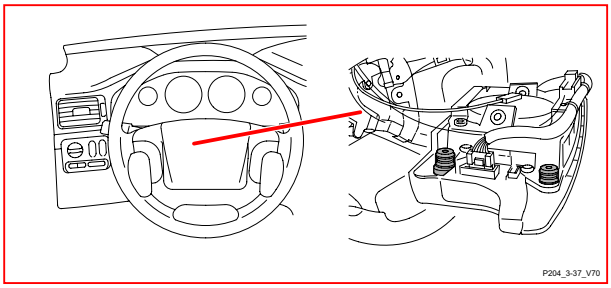
3/26 Switch unit, power driver's seat



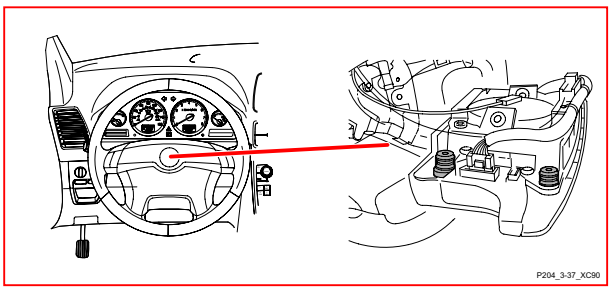
3/27 Switch unit, power passenger seat



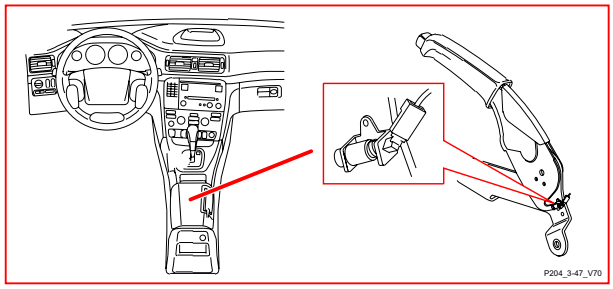
3/37 Horn contact V70



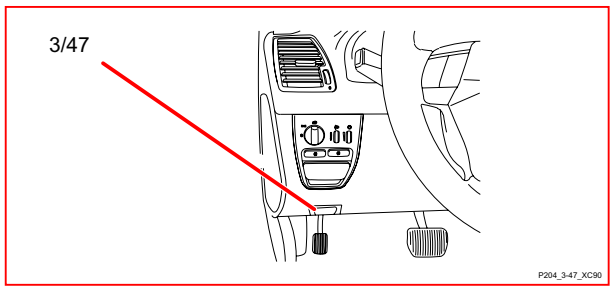
3/37 Horn contact XC90



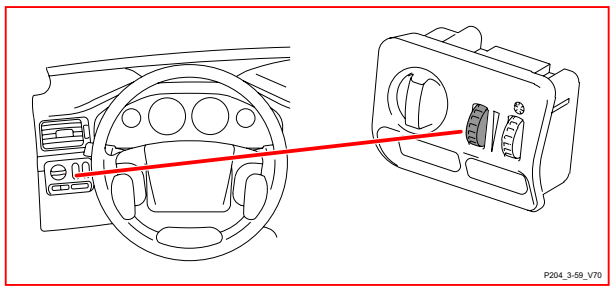
3/47 Parking brake contact V70



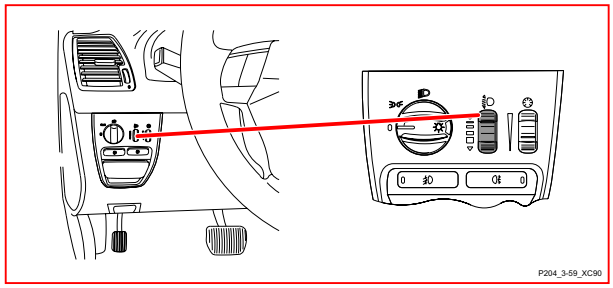
3/47 Parking brake contact XC90



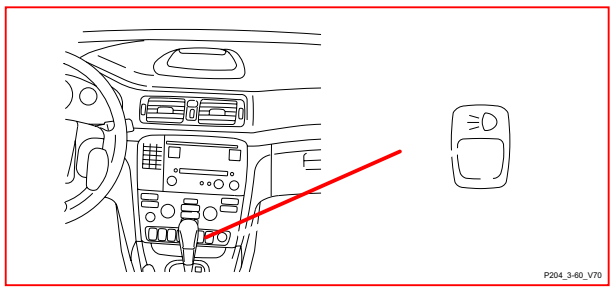
3/59 Headlight adjustment control V70



3/59 Headlight adjustment control XC90

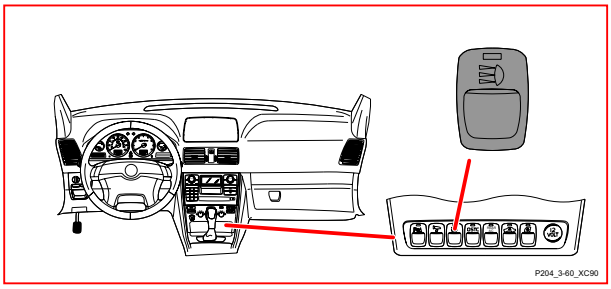


3/60 Auxiliary light switch V70

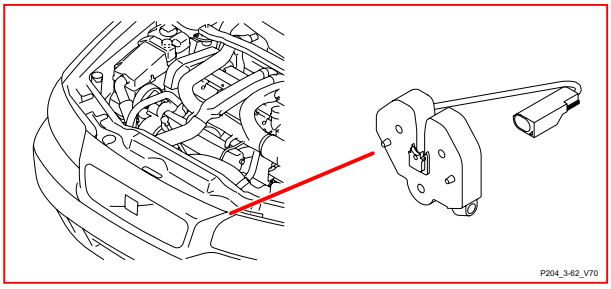


Component illustrations
3/60 XC90 - 3/75 XC90

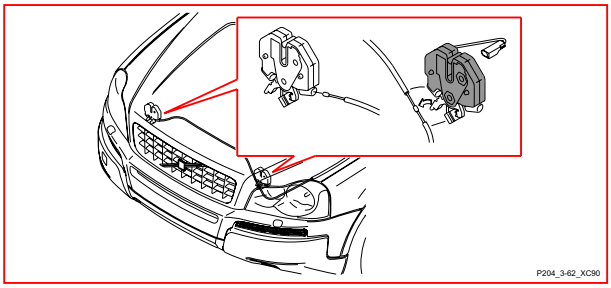
3/60 Auxiliary light switch XC90



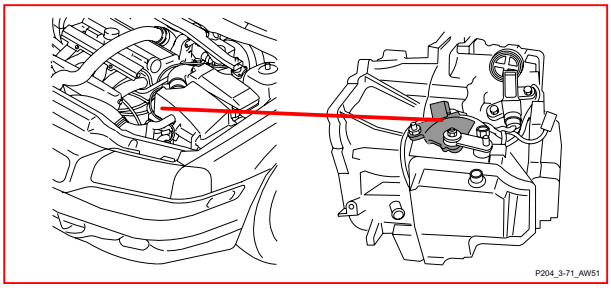
3/62 Hood alarm contact V70



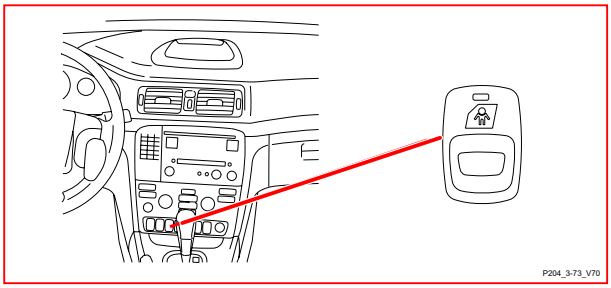
3/62 Hood alarm contact XC90



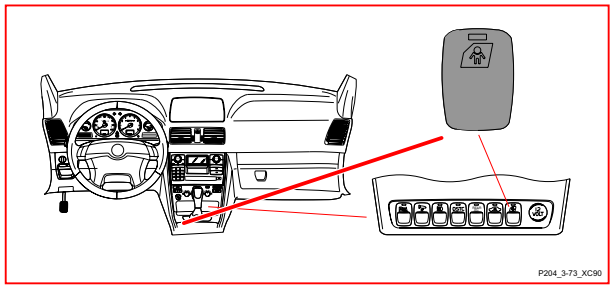
3/71 Gear selector contacts AW51



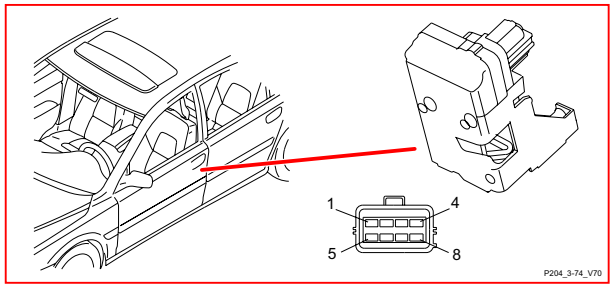
3/73 Switch, child safety lock PCL V70



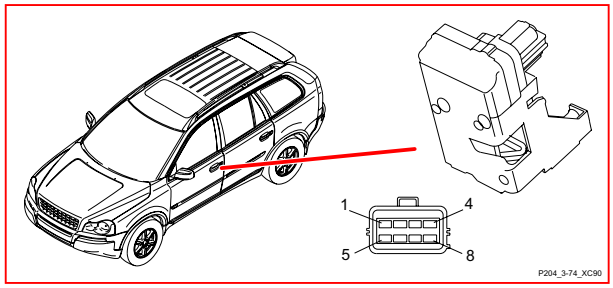
3/73 Switch, child safety lock PCL XC90



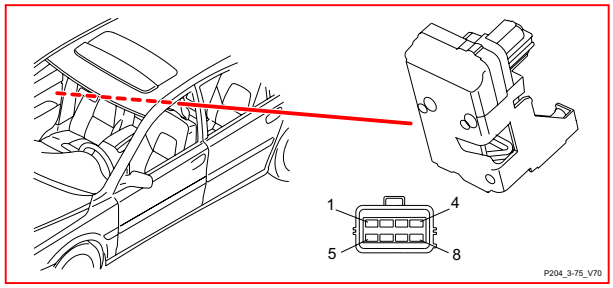
3/74 Lock unit, left front door, V70



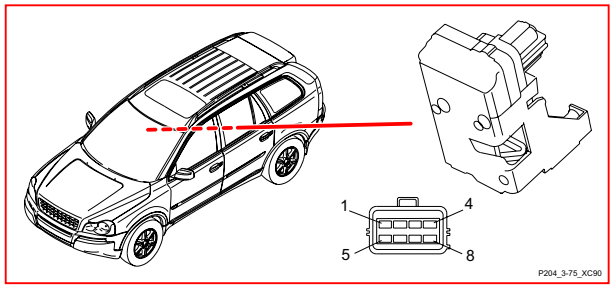
3/74 Lock unit, left front door, XC90



3/75 Lock unit, right front door, V70

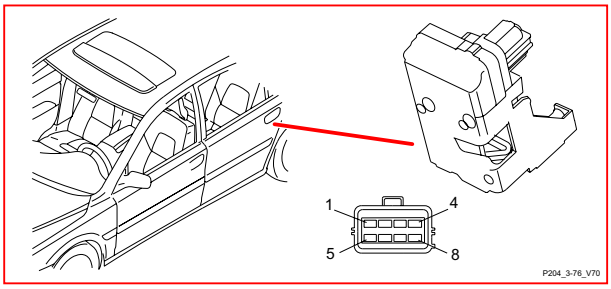


3/75 Lock unit, front right door, XC90

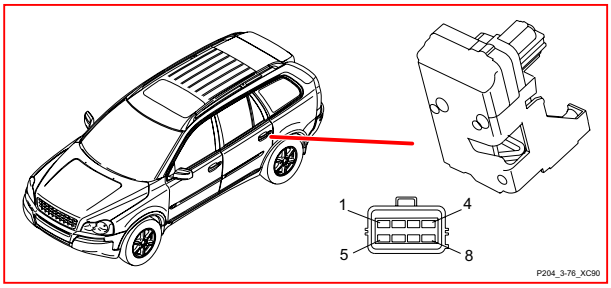


Component illustrations
3/76 V70 - 3/82 XC90

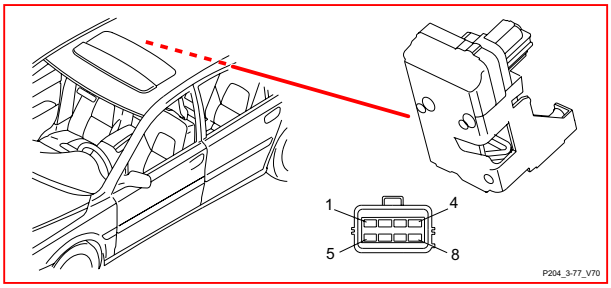
3/76 Lock unit, left rear door V70



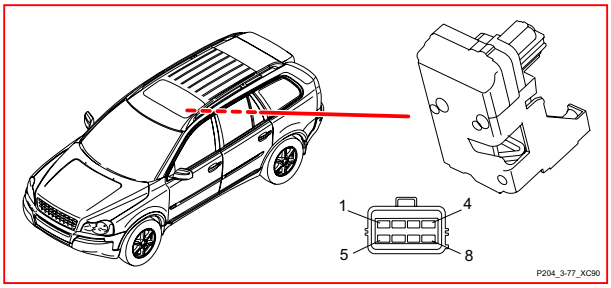
3/76 Lock unit, left rear door, XC90



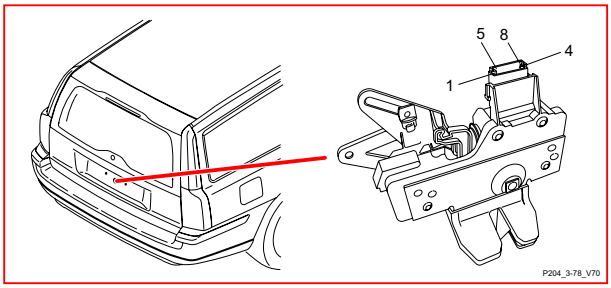
3/77 Lock unit, right rear door, V70



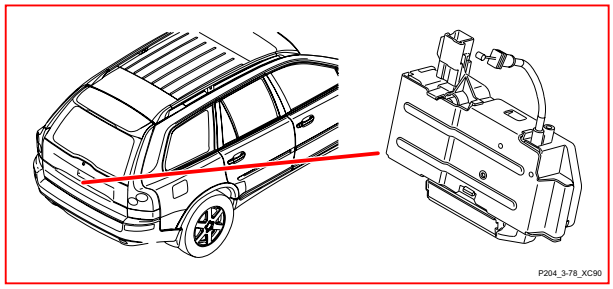
3/77 Lock unit, right rear door XC90



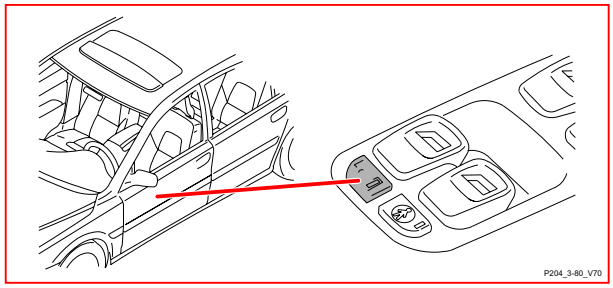
3/78 Lock unit, tailgate V70



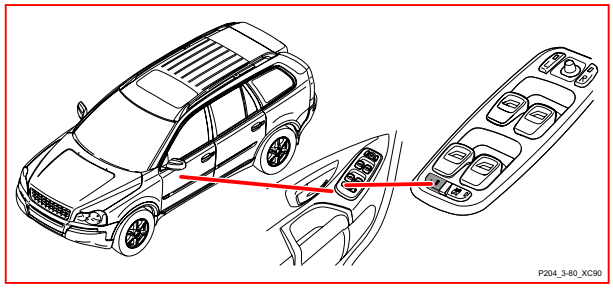
3/78 Lock unit, tailgate XC90



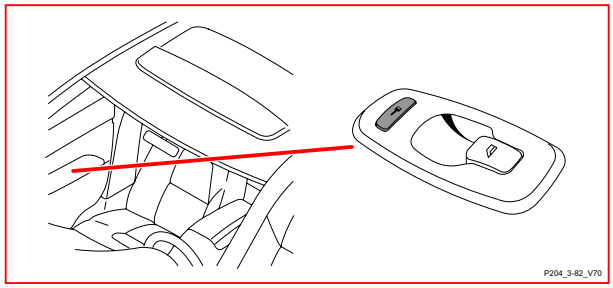
3/80 Switch, central locking, left V70



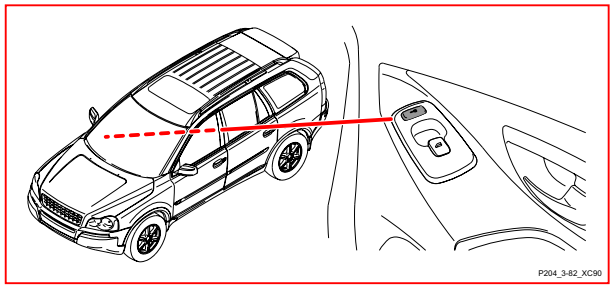
3/80 Switch, central locking, left XC90



3/82 Switch, central locking, right V70

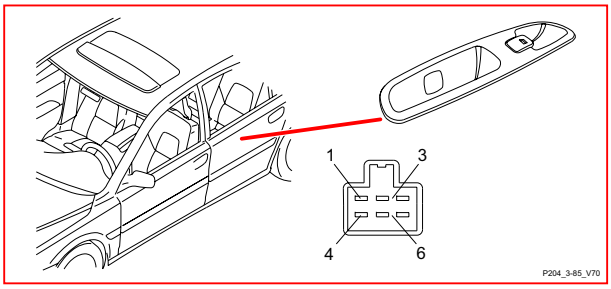


3/82 Switch, central locking, right XC90

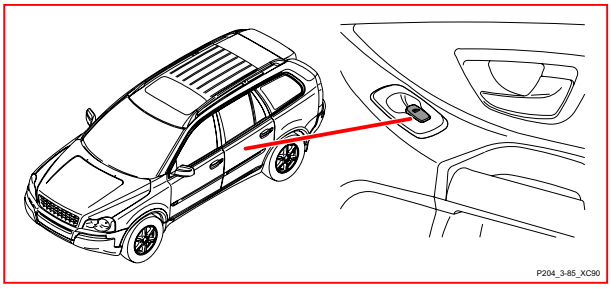


Component illustrations
3/85 V70 - 3/93 XC90

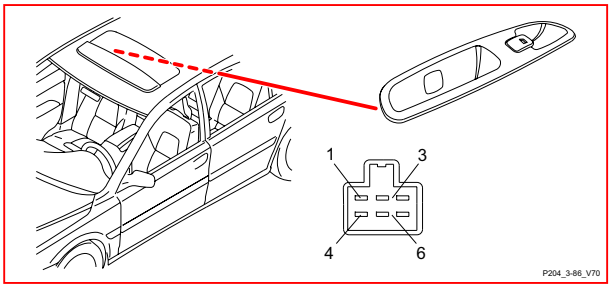
3/85 Power window switch, left rear door V70



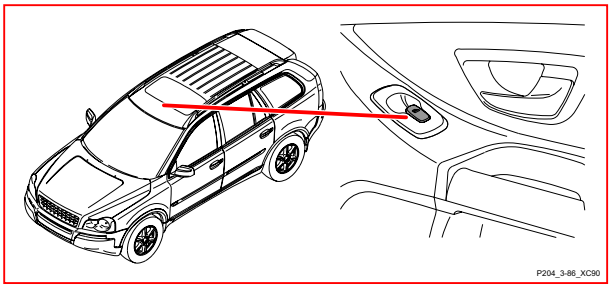
3/85 Power window switch, left rear door XC90



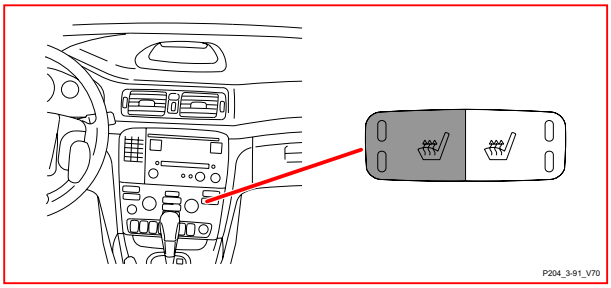
3/86 Power window switch, right rear door V70



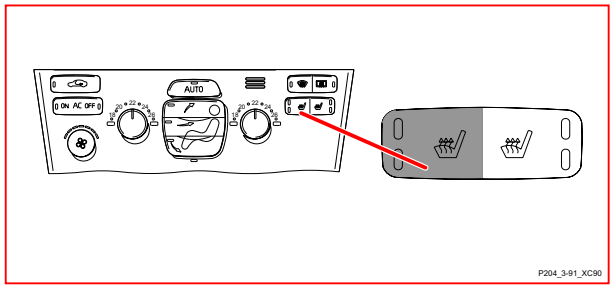
3/86 Power window switch, right rear door XC90



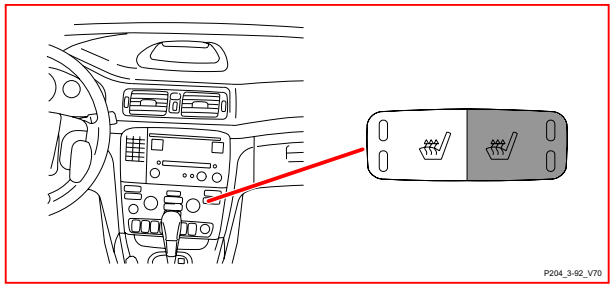
3/91 Switch, left heated seat V70



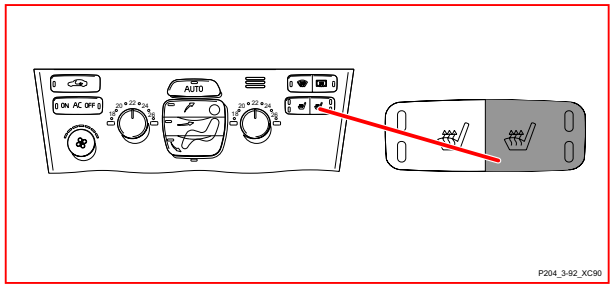
3/91 Switch, left heated seat XC90



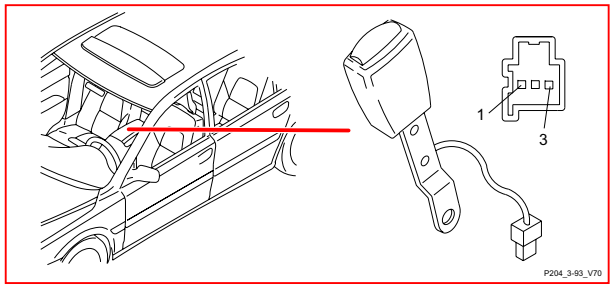
3/92 Switch, right heated seat V70



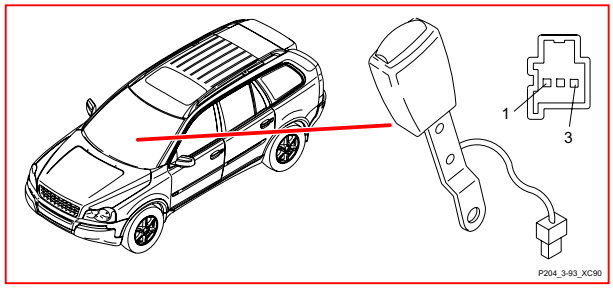
3/92 Switch, right heated seat XC90



3/93 Belt buckle contact, left seat V70

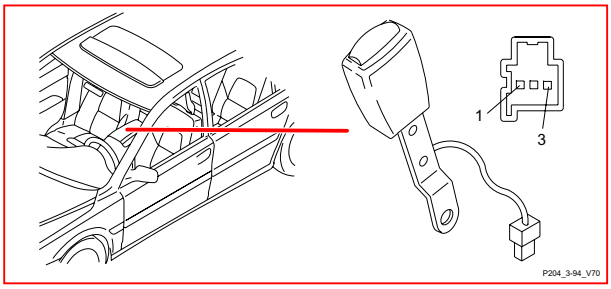


3/93 Belt buckle contact, left seat XC90

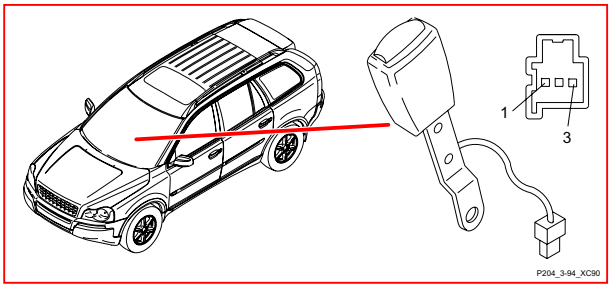


Component illustrations
3/94 V70 - 3/117 XC90

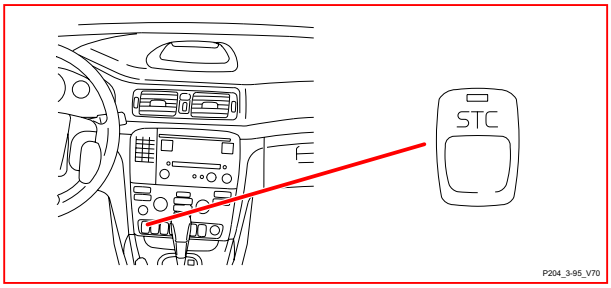
3/94 Belt buckle contact, right seat V70



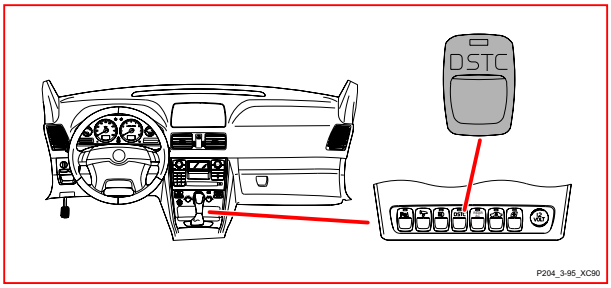
3/94 Belt buckle contact, right seat XC90



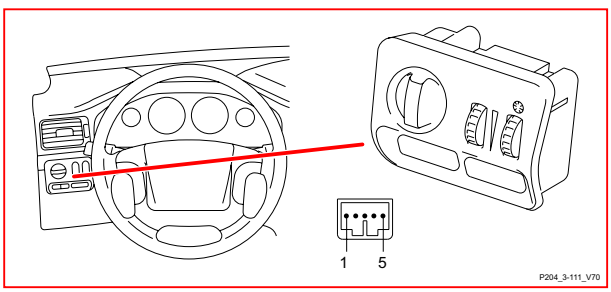
3/95 Spin control switch V70



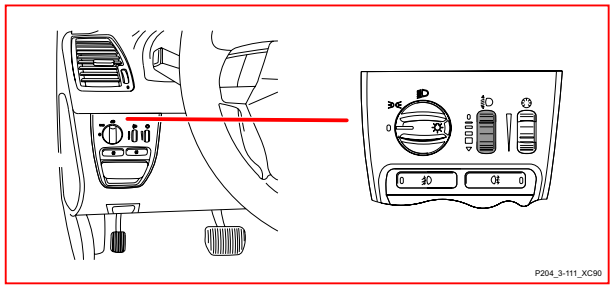
3/95 Spin control switch XC90



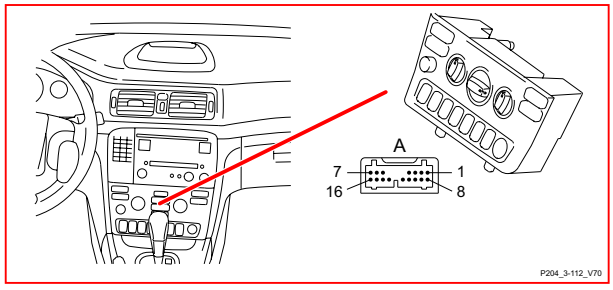
3/111 Light Switch Module (LSM), V70



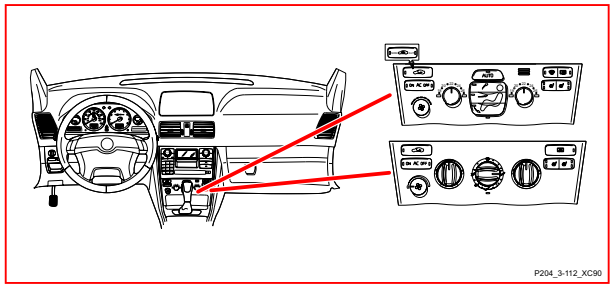
3/111 Light Switch Module (LSM), XC90



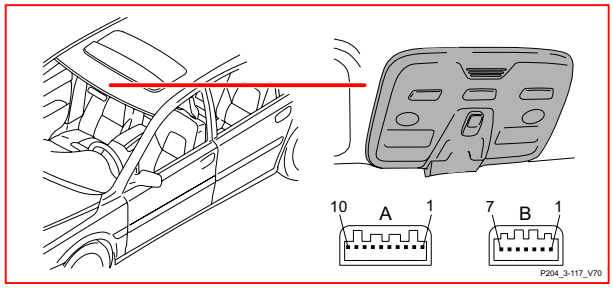
3/112 Climate Control Module (CCM) V70



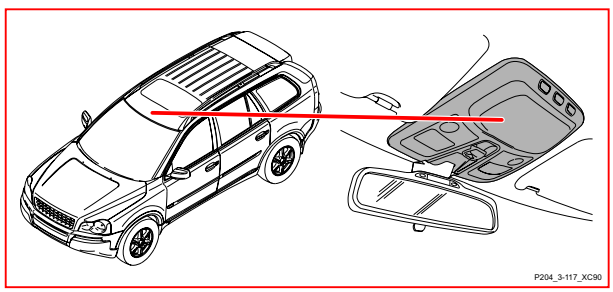
3/112 Climate Control Module (CCM) XC90



3/117 Ceiling light switch unit, V70

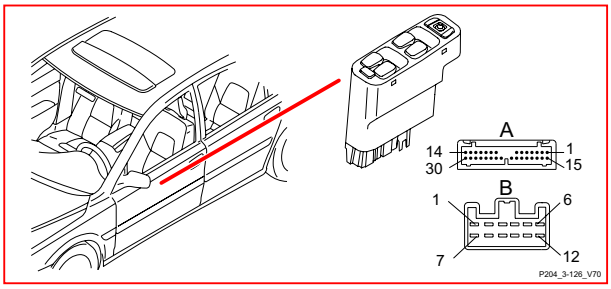


3/117 Ceiling light switch unit, XC90

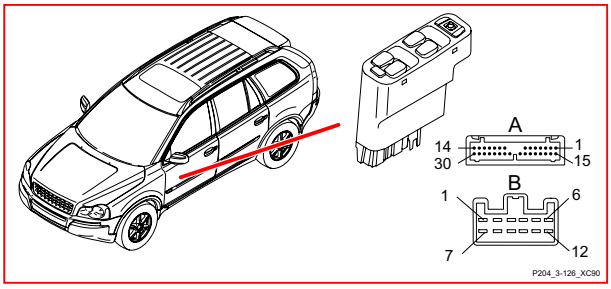


Component illustrations
3/126 V70 - 3/156 V70

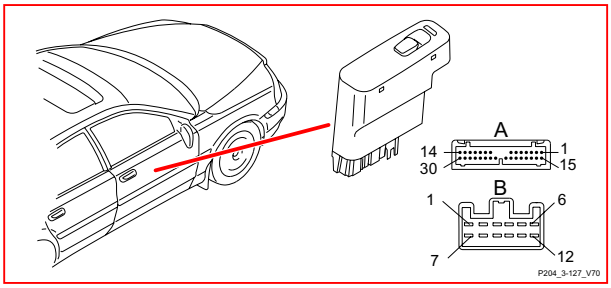
3/126 Driver/Passenger Door Module (DDM)/(PDM), V70



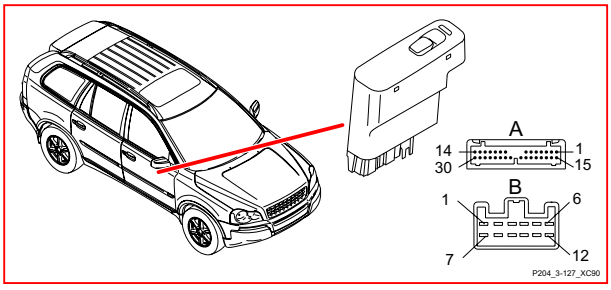
3/126 Driver/Passenger Door Module (DDM)/(PDM), XC90



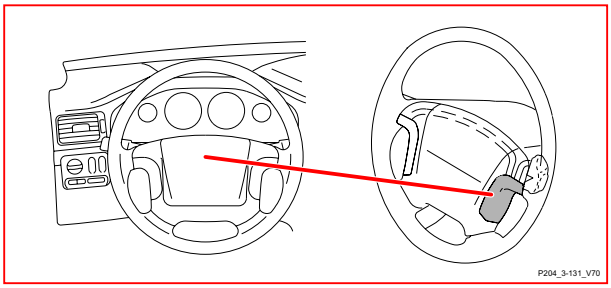
3/127 Passenger/Driver Door Module (PDM)/(DDM), V70



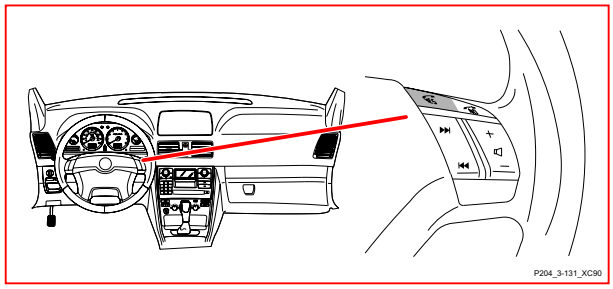
3/127 Passenger/Driver Door Module (PDM)/(DDM), XC90



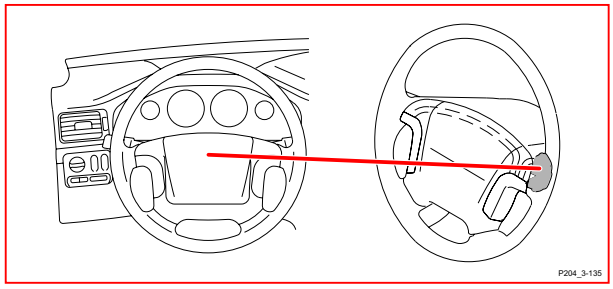
3/131 Steering Wheel Switch Right (SWSR) V70



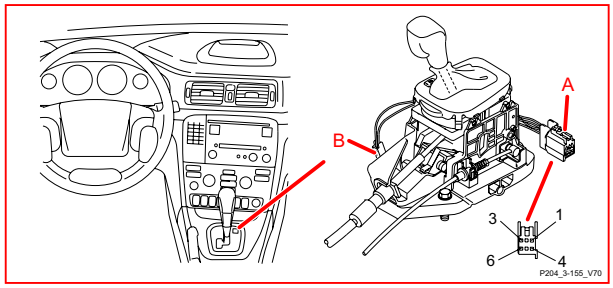
3/131 Steering Wheel Switch Right (SWSR) XC90



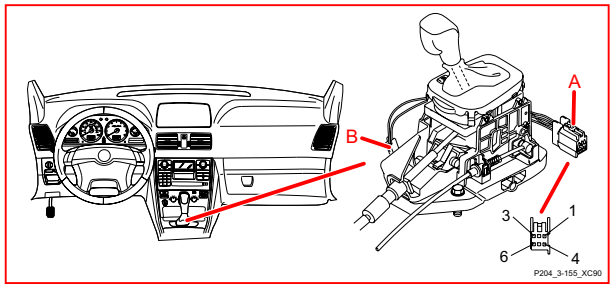
3/135 RTI switch



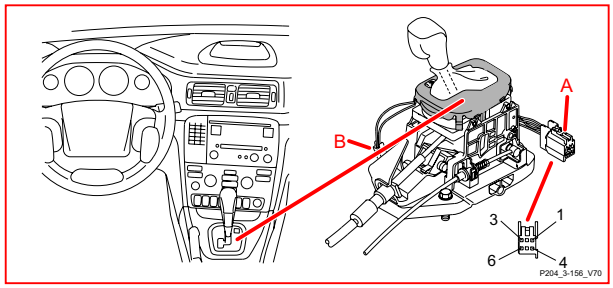
3/155 Program selector, automatic transmission V70



3/155 Program selector, automatic transmission XC90

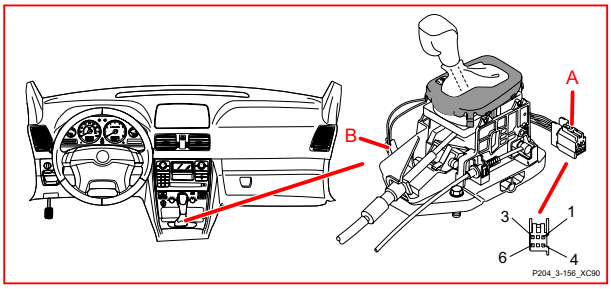


3/156 Gear Selector Module (GSM) V70

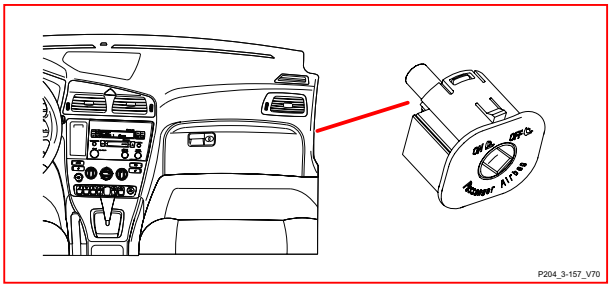


Component illustrations
3/156 XC90 - 3/225

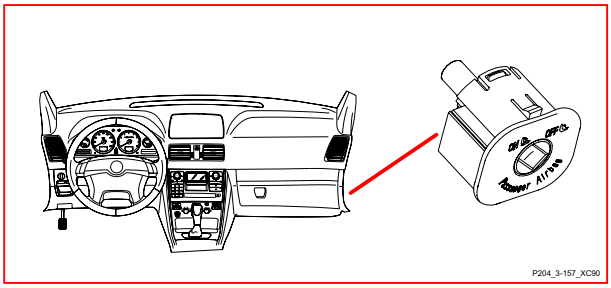
3/156 Gear Selector Module (GSM) XC90



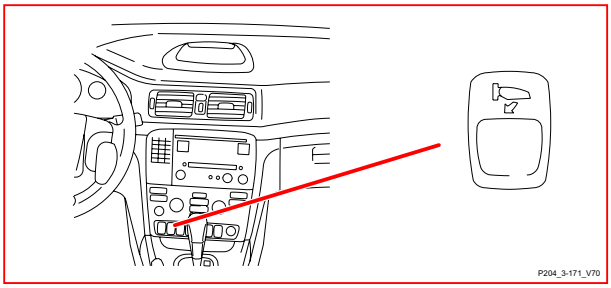
3/157 Switch, passenger side airbag V70



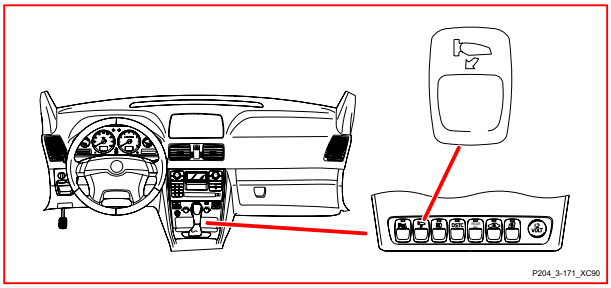
3/157 Switch, passenger side airbag XC90



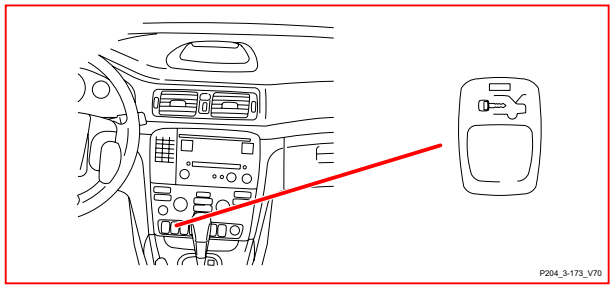
3/171 Switch, retractable exterior rearview mirrors V70



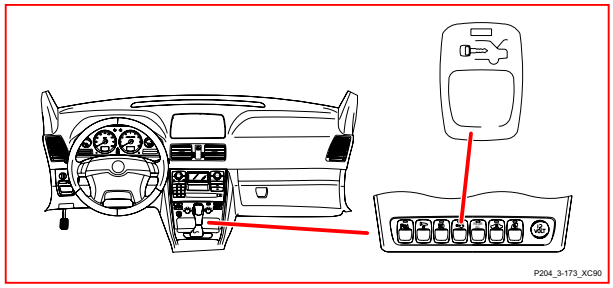
3/171 Switch, retractable exterior rearview mirrors XC90



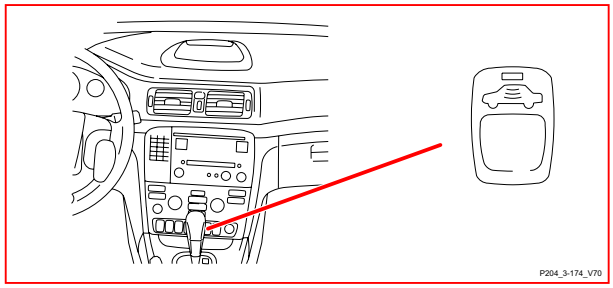
3/173 Switch, tailgate private lock V70



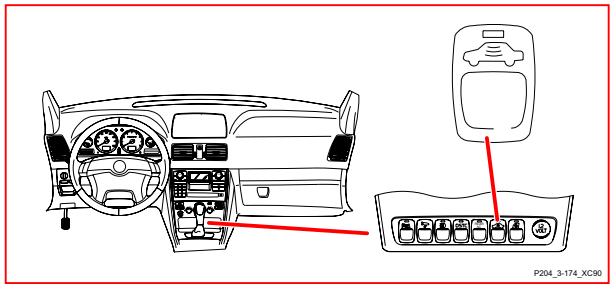
3/173 Switch, tailgate private lock XC90



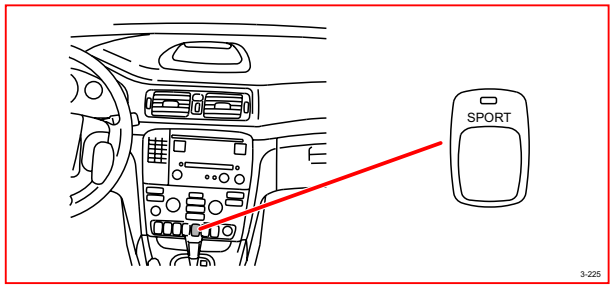
3/174 Switch, reduced alarm V70



3/174 Switch, reduced alarm XC90

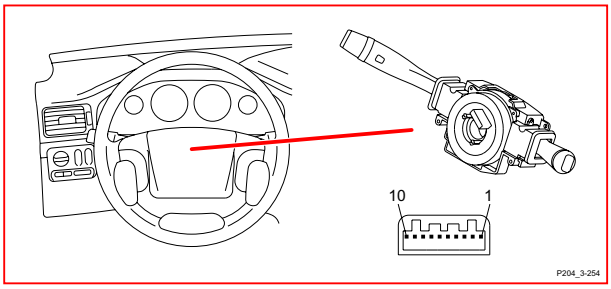


3/225 Switch unit continuous damping control (CCD)

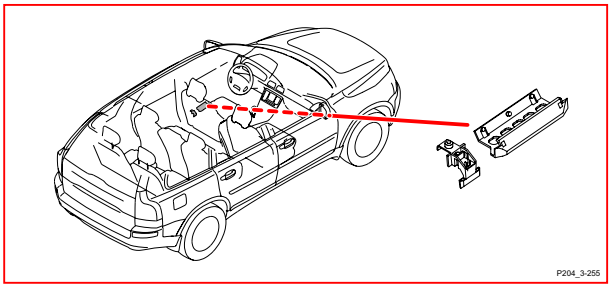


Component illustrations
3/254 - 4/28 TF-80SC

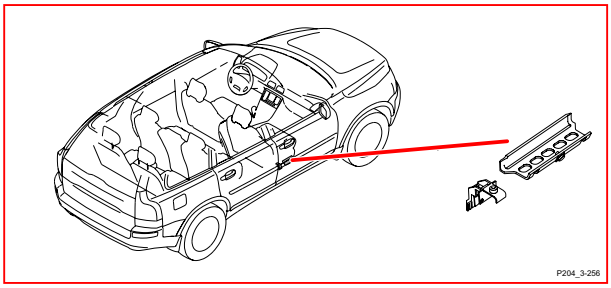
3/254 Steering Wheel Module (SWM)



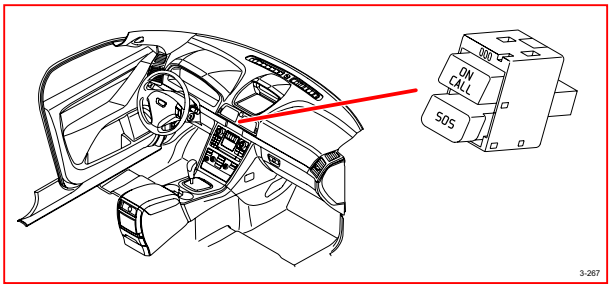
3/255 Position sensor, driver's seat



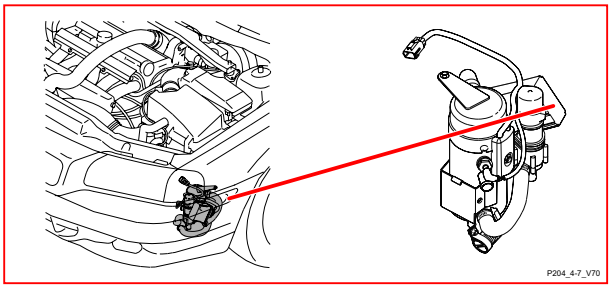
3/256 Position sensor, passenger seat



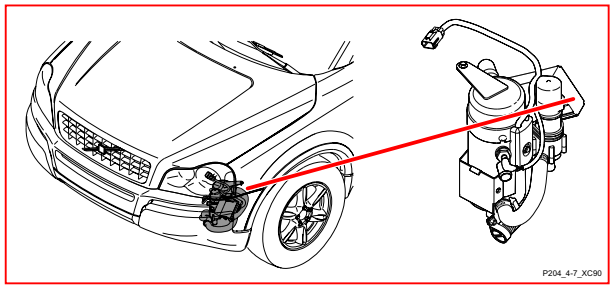
3/267 Switch unit, telematics



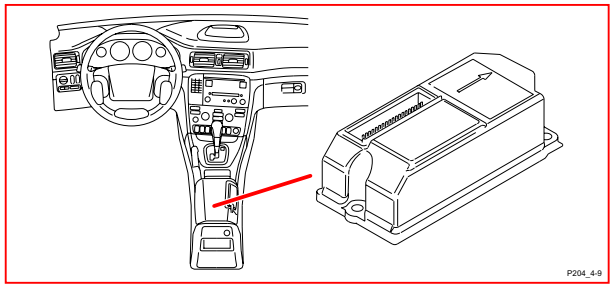
4/7 Combustion Preheater Module (CPM) V70



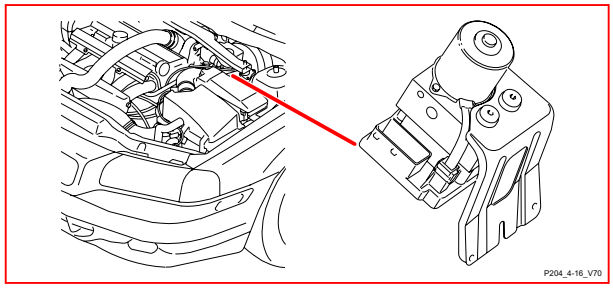
4/7 Combustion Preheater Module (CPM) XC90



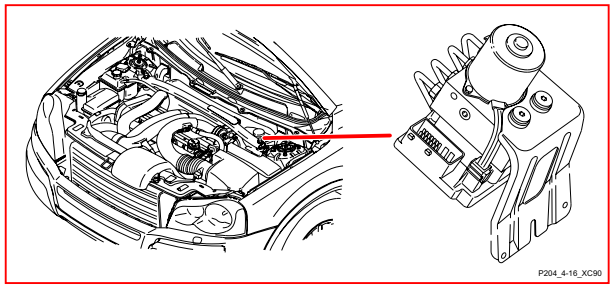
4/9 Supplemental Restraint System module (SRS)



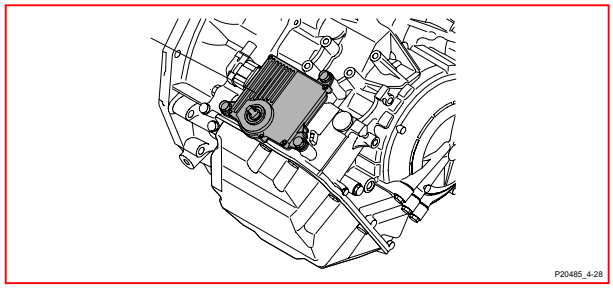
4/16 Brake Control Module (BCM) V70



4/16 Brake Control Module (BCM) XC90

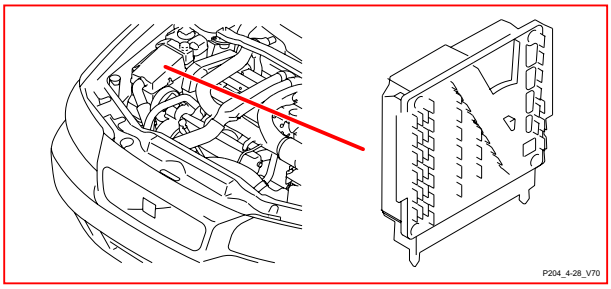


4/28 Transmission Control Module (TCM) TF-80SC

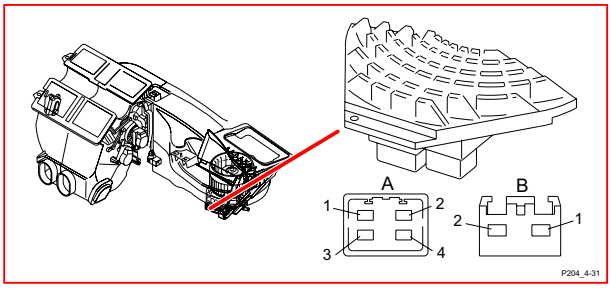


Component illustrations
4/28 AW51 - 4/52

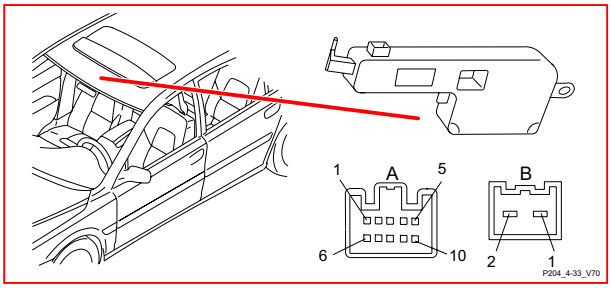
4/28 Transmission Control Module (TCM), AW51



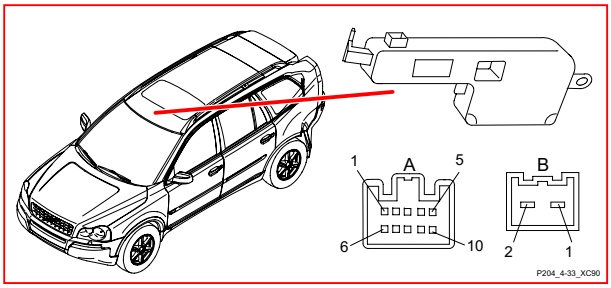
4/31 Fan control module



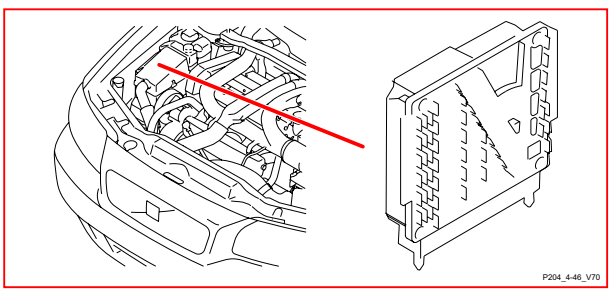
4/33 Sun Roof Module (SRM) V70



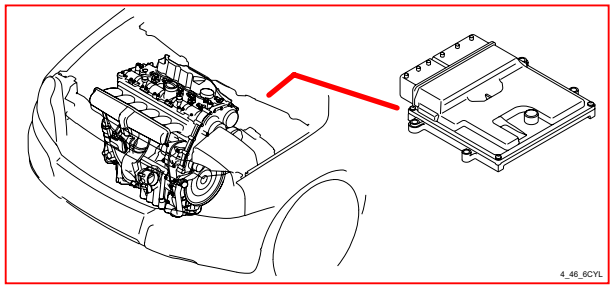
4/33 Sun Roof Module (SRM) XC90



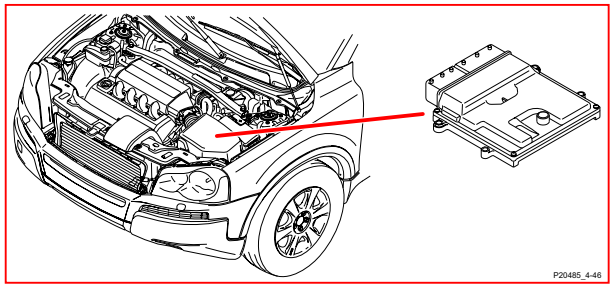
4/46 Engine Control Module (ECM), 5-cyl.



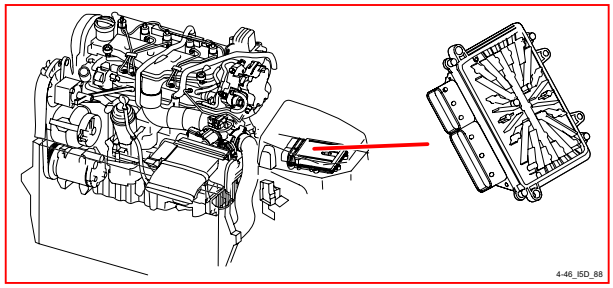
4/46 Engine Control Module (ECM) 6-cyl.



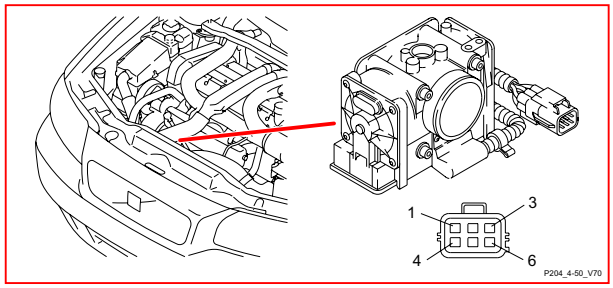
4/46 Engine Control Module (ECM) 8-cyl.



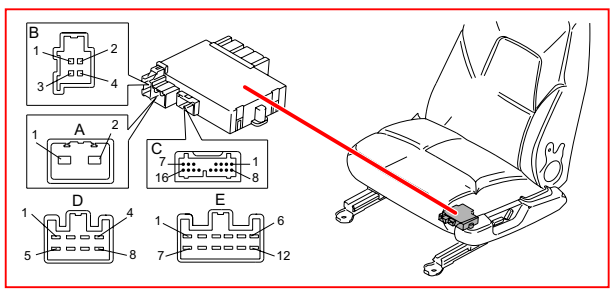
4/46 Engine Control Module (ECM) Diesel



4/50 Electronic Throttle Module (ETM)

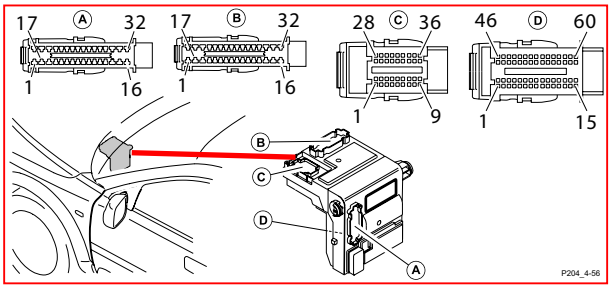


4/52 Power Seat Module (PSM)

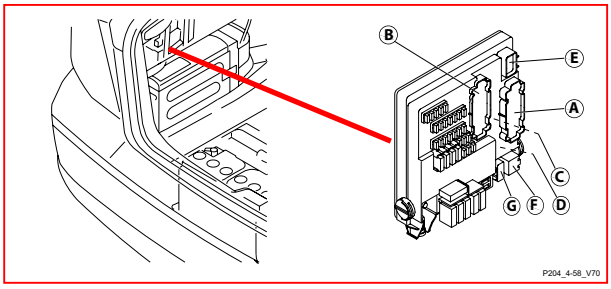


Component illustrations
4/56 - 4/78 V70

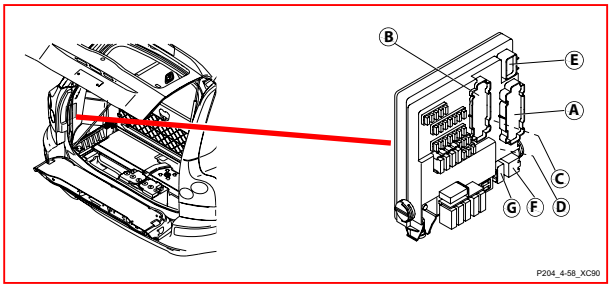
4/56 Central Electronic Module (CEM)



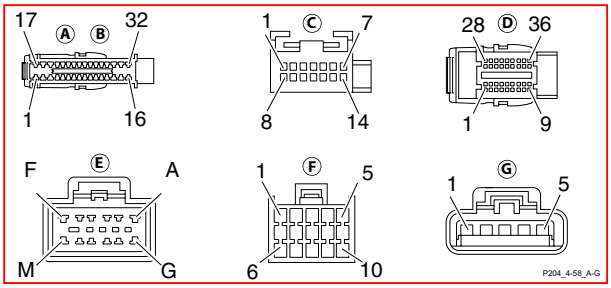
4/58 Rear Electronic Module (REM), V70



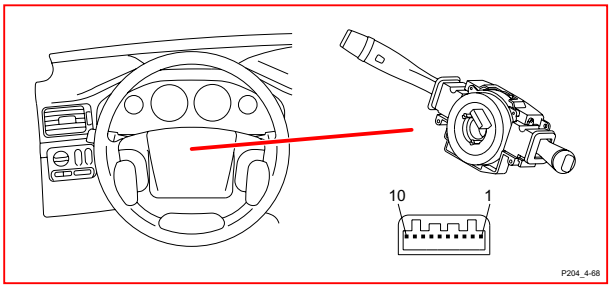
4/58 Rear Electronic Module (REM), XC90



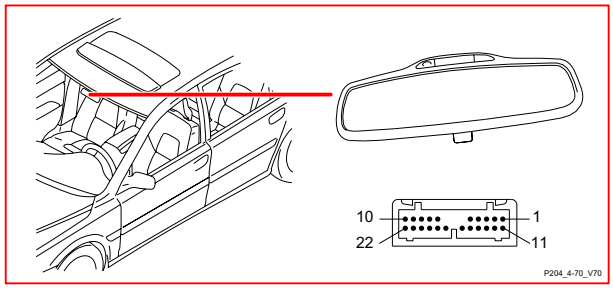
4/58 Rear Electronic Module (REM) A-G



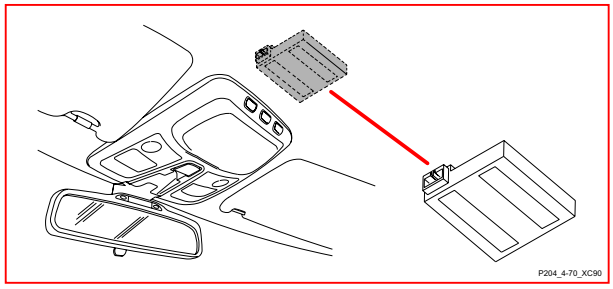
4/68 Steering Wheel Angle Sensor Module (SAS)



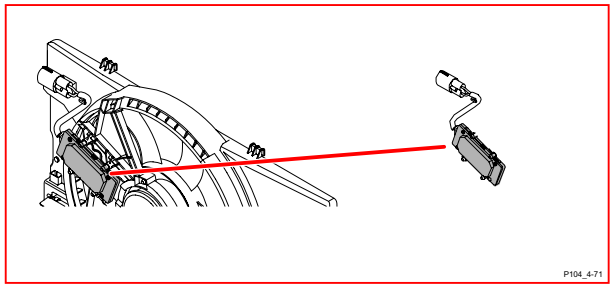
4/70 Upper Electronic Module (UEM) V70



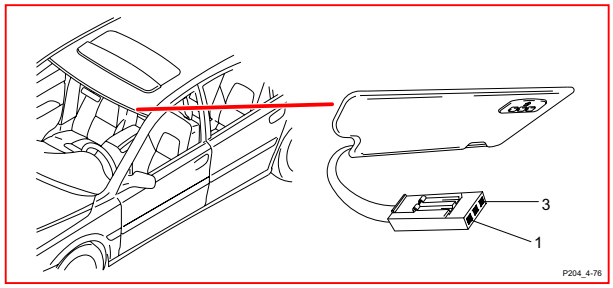
4/70 Upper Electronic Module (UEM) XC90



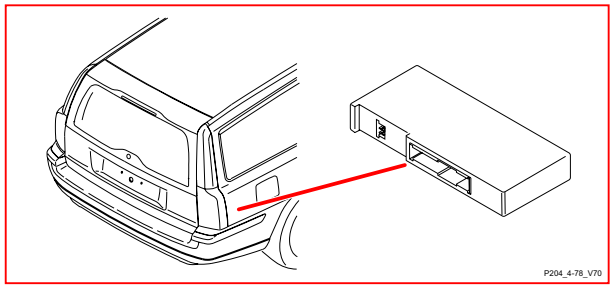
4/71 Cooling fan control module



4/76 Remote control unit for garage door opener

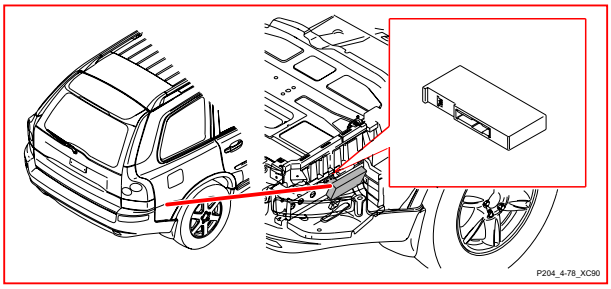


4/78 Accessory Electronic Module (AEM) V70

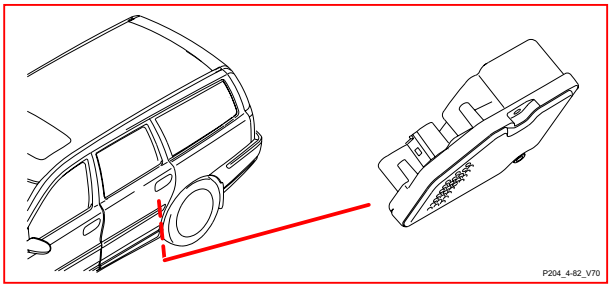


Component illustrations
4/78 XC90 - 4/106

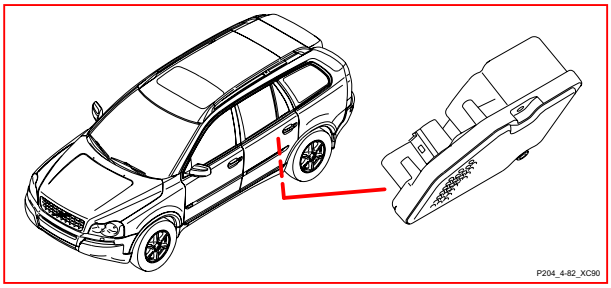
4/78 Accessory Electronic Module (AEM) XC90



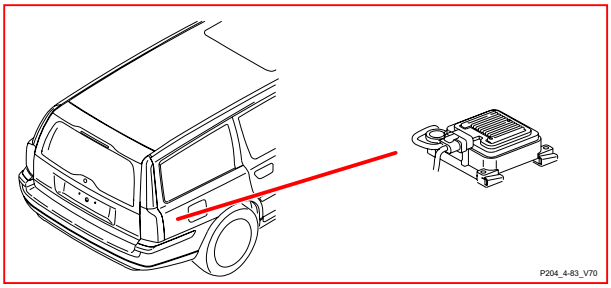
4/82 Differential Electronic Module (DEM) V70



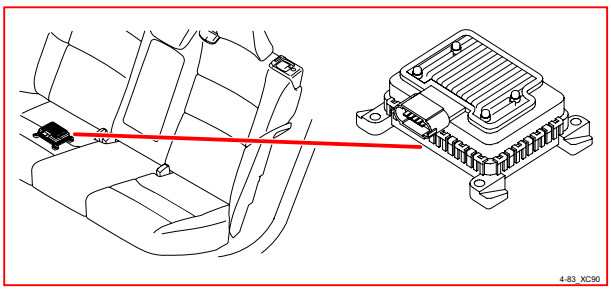
4/82 Differential Electronic Module (DEM) XC90



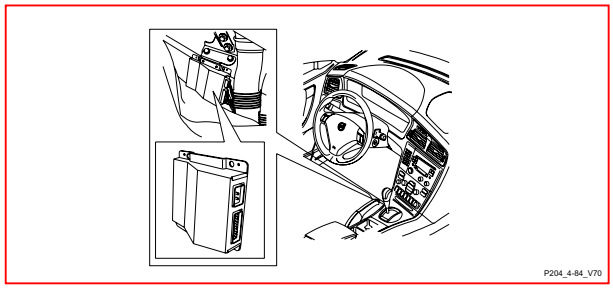
4/83 Fuel pump control module V70



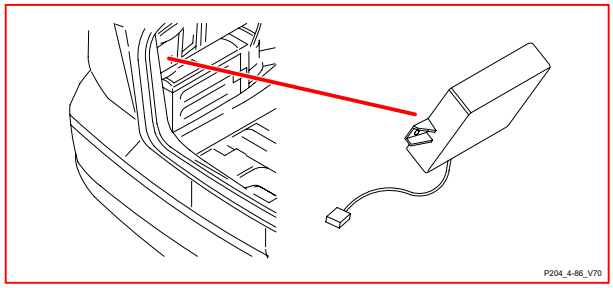
4/83 Fuel pump control module XC90



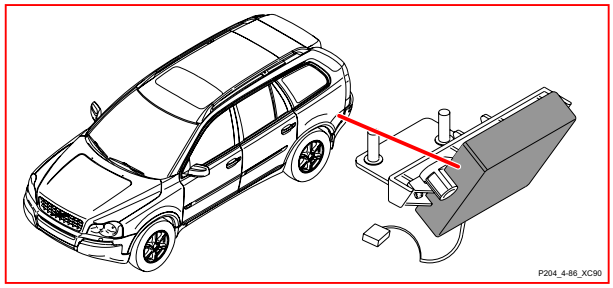
4/84 Suspension Module (SUM)



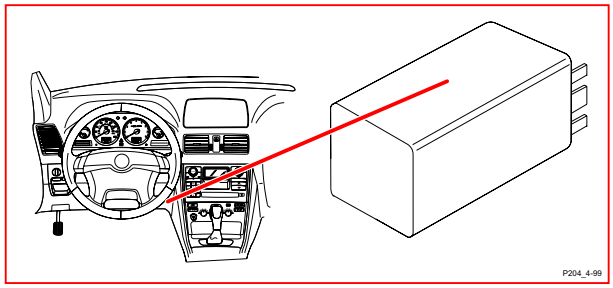
4/86 Parking Assistance Module (PAM) V70



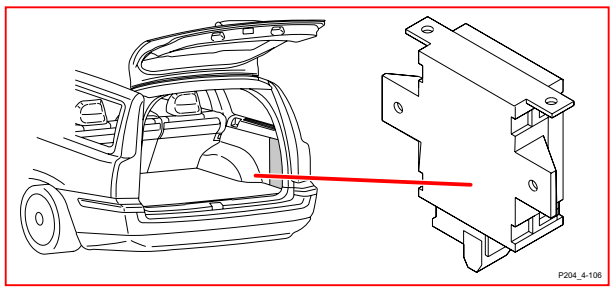
4/86 Parking Assistance Module (PAM) XC90



4/99 Electronic power steering control module

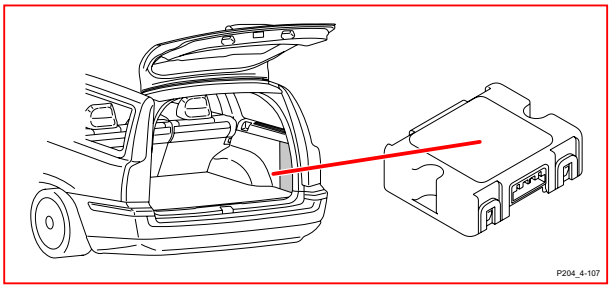


4/106 Control module, remote parking heater start

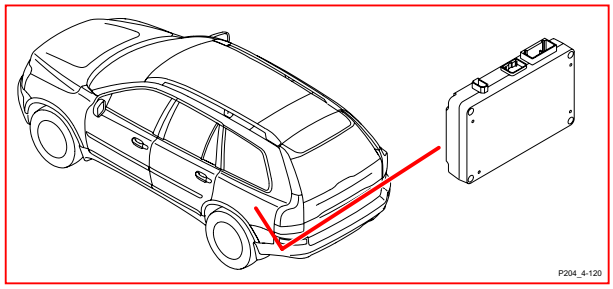


Component illustrations
4/107 - 6/1 V70

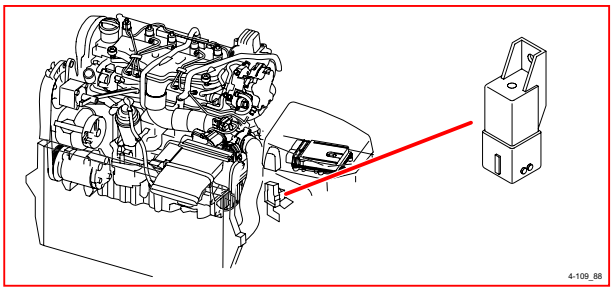
4/107 Control module, parking heater, Call start



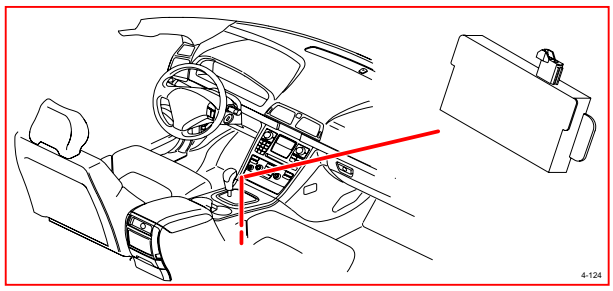
4/120 Parking Assistance Camera module (PAC)



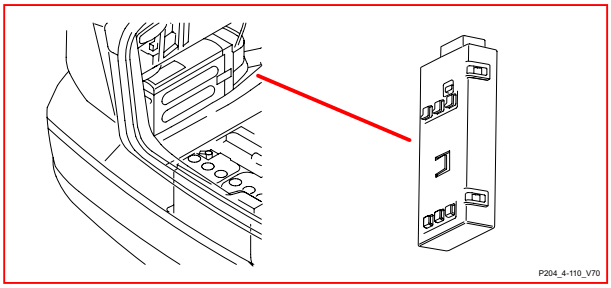
4/109 Glow plug control module



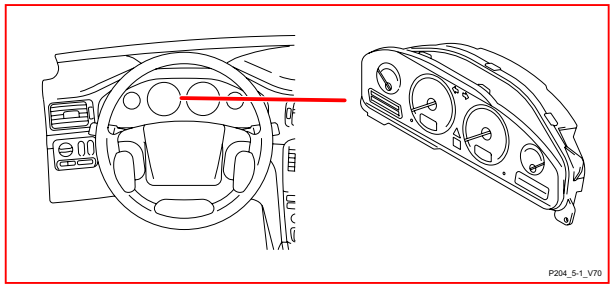
4/124 Accessory USB unit (AUU)



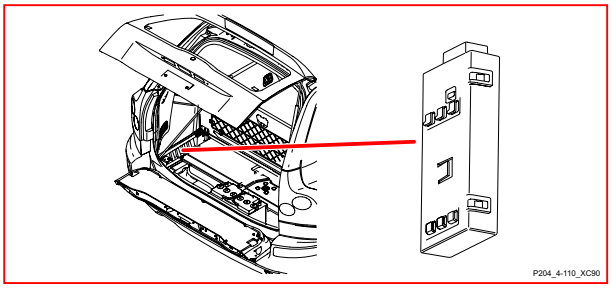
4/110 Trailer module V70



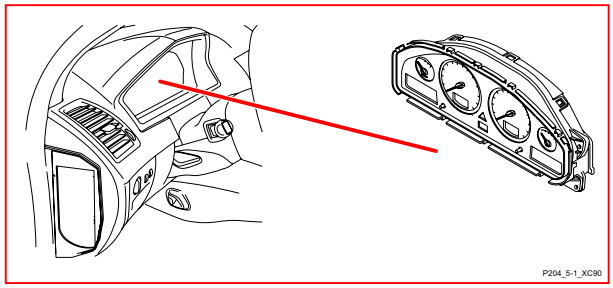
5/1 Driver Information Module (DIM) V70



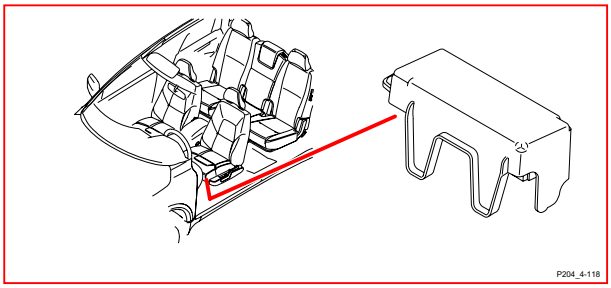
4/110 Trailer module XC90



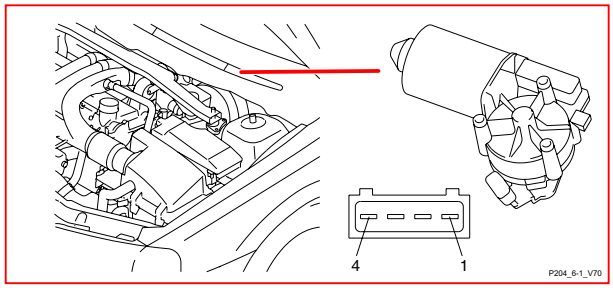
5/1 Driver Information Module (DIM) XC90



4/118 Headlight Control Module (HCM

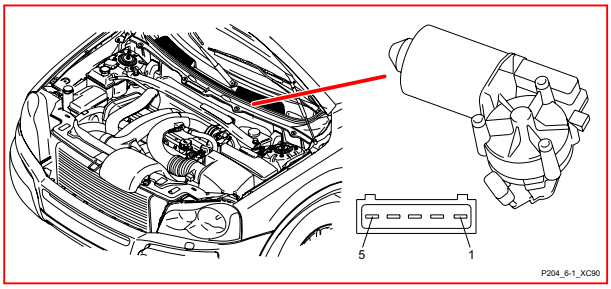


6/1 Windshield wiper motor V70

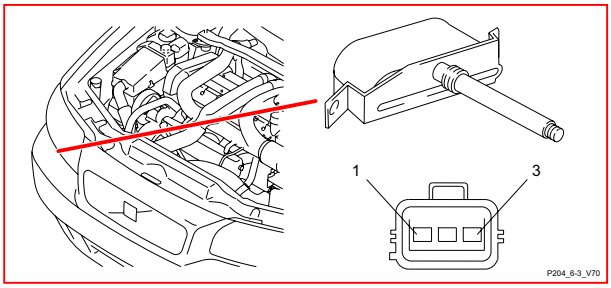


Component illustrations
6/1 XC90 - 6/20

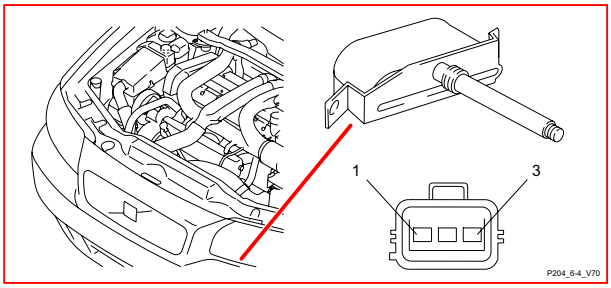
6/1 Windshield wiper motor XC90



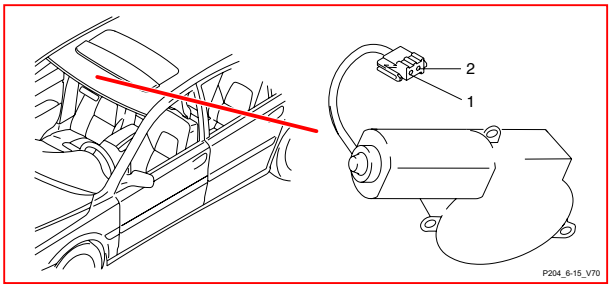
6/3 Right-hand headlight wiper motor



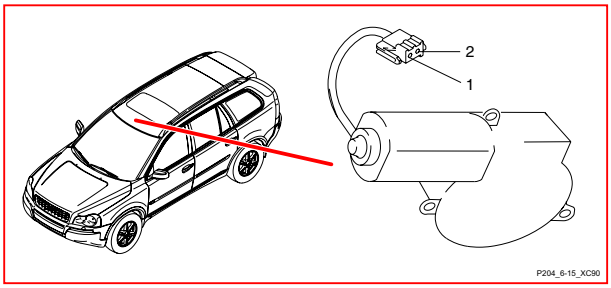
6/4 Left-hand headlight wiper motor



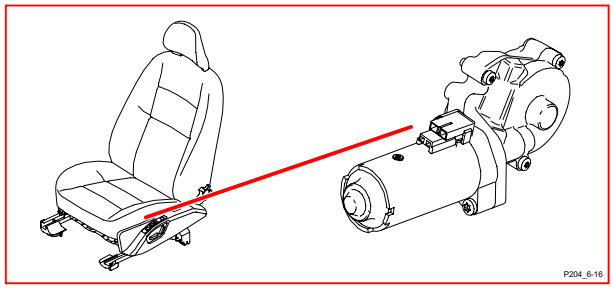
6/15 Sunroof motor V70



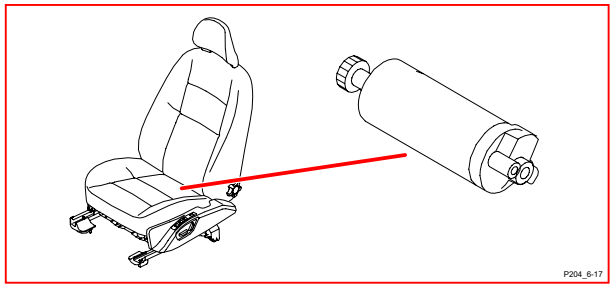
6/15 Sunroof motor XC90



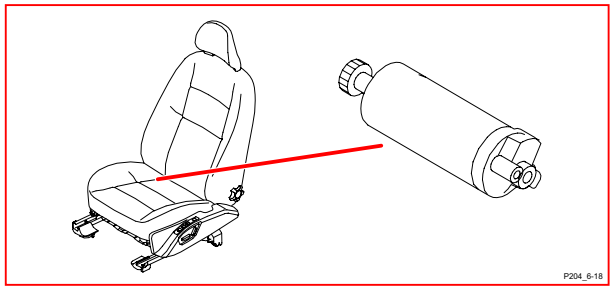
6/16 Motor driver's seat, backrest angle



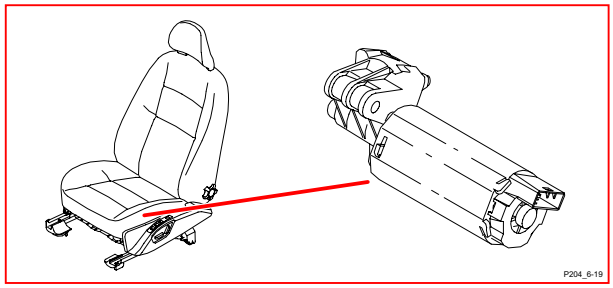
6/17 Motor driver's seat, up/down front edge



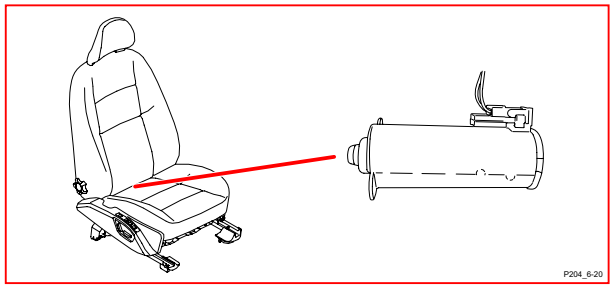
6/18 Motor driver's seat, up/down rear edge



6/19 Motor driver's seat, fore/aft

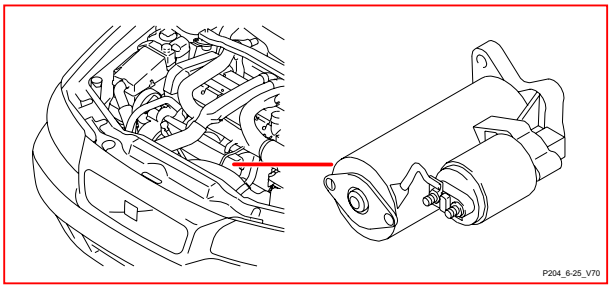


6/20 Motor passenger seat, fore/aft

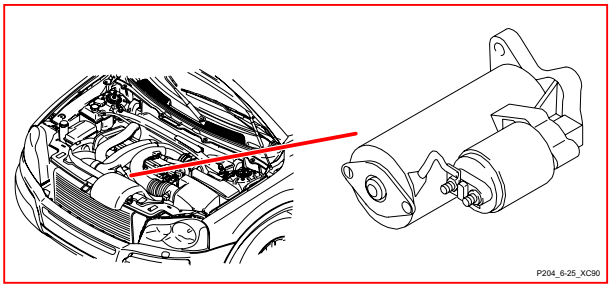


Component illustrations
6/25 V70 - 6/33 XC90

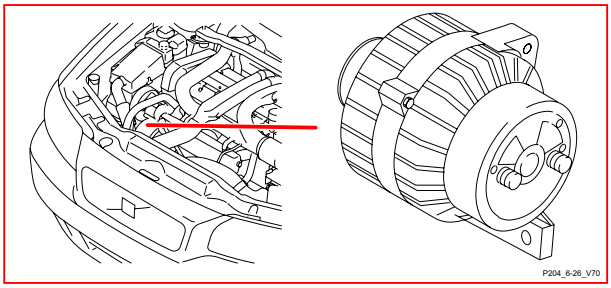
6/25 Starter motor V70



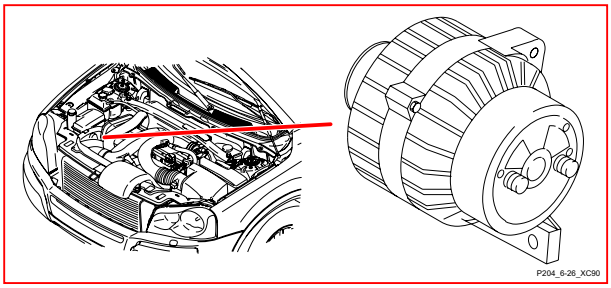
6/25 Starter motor XC90



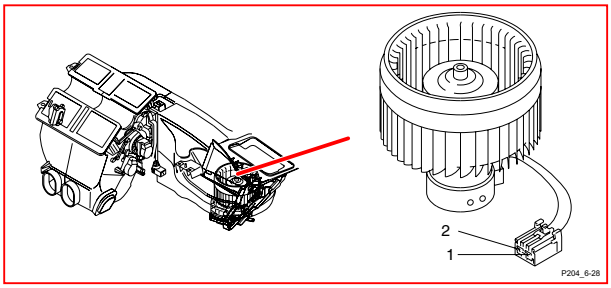
6/26 Alternator Control Module (ACM) V70



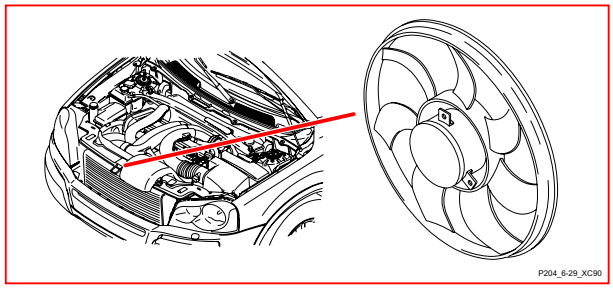
6/26 Alternator Control Module (ACM) XC90



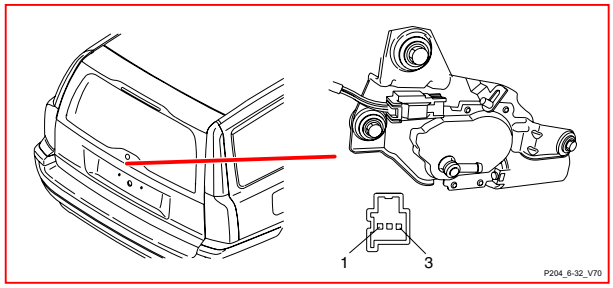
6/28 Motor, passenger compartment fan



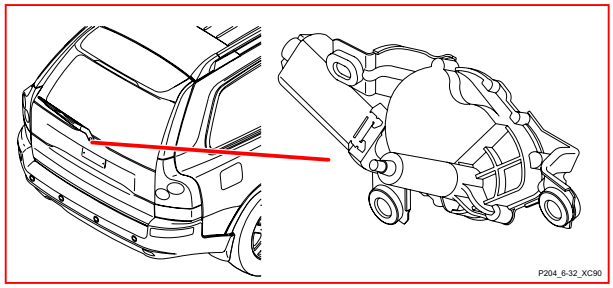
6/29 Motor, electric cooling fan



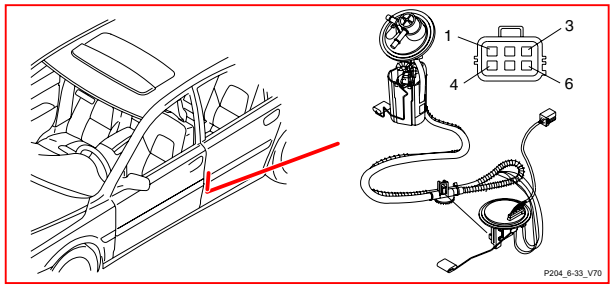
6/32 Rear window wiper motor V70



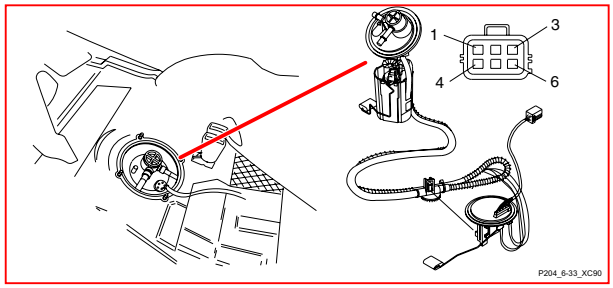
6/32 Rear window wiper motor XC90



6/33 Fuel pump V70

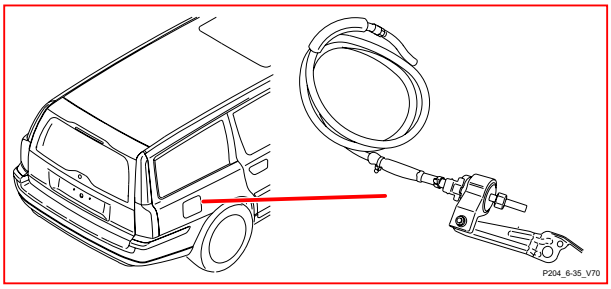


6/33 Fuel pump XC90

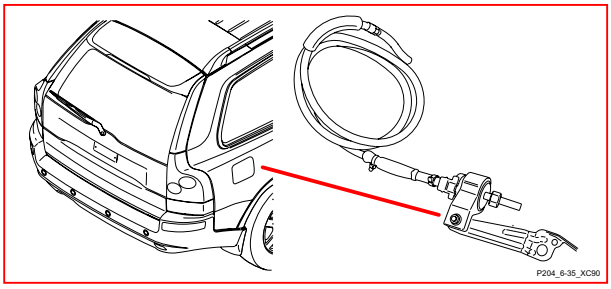


Component illustrations
6/35 V70 - 6/58 XC90

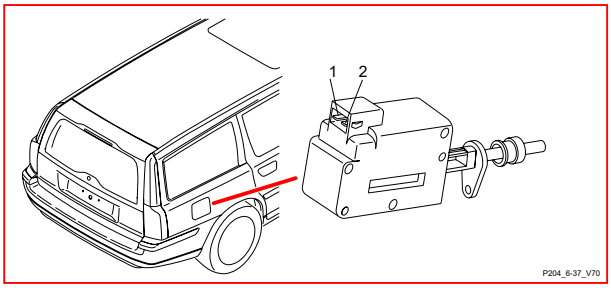
6/35 Fuel pump, auxiliary heater V70



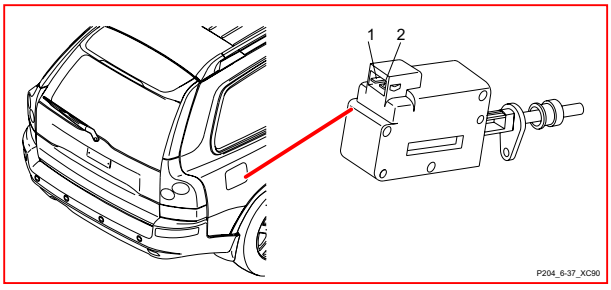
6/35 Fuel pump, auxiliary heater XC90



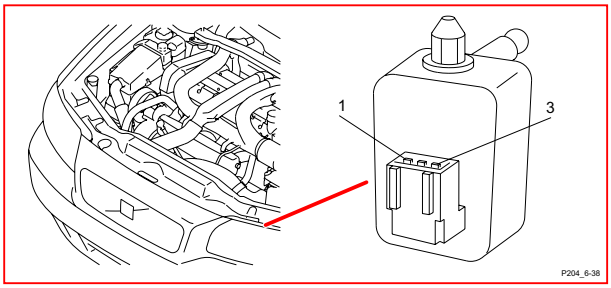
6/37 Lock motor, fuel filler flap V70



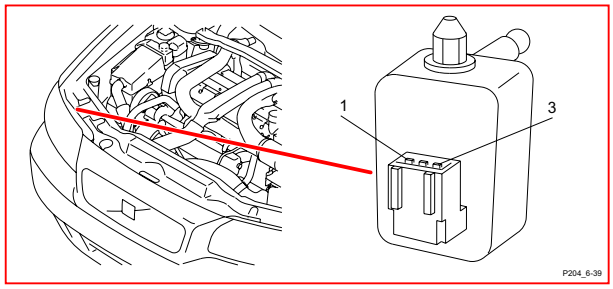
6/37 Lock motor, fuel filler flap XC90



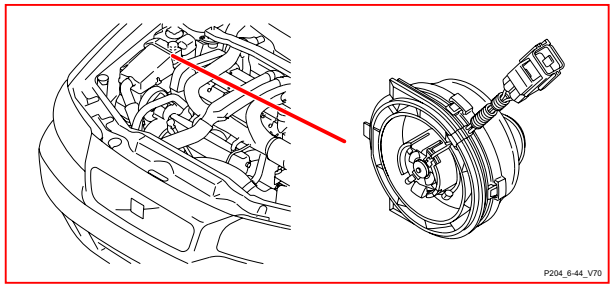
6/38 Motor, left headlight adjustment



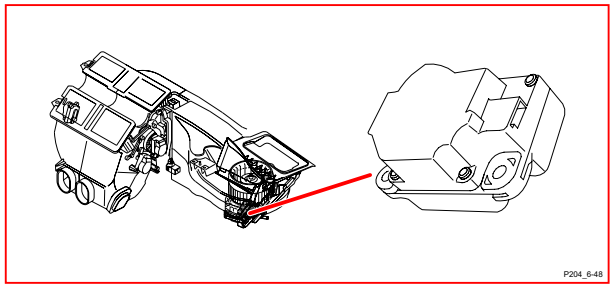
6/39 Motor, right headlight adjustment



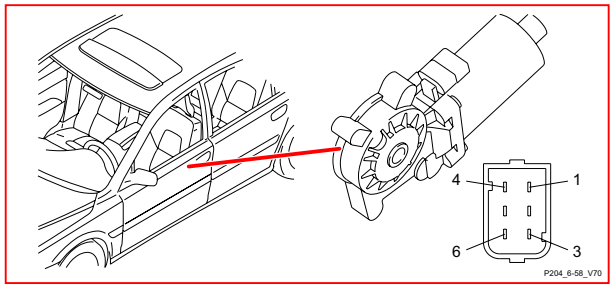
6/44 Cooling fan, electrics box, engine compartment



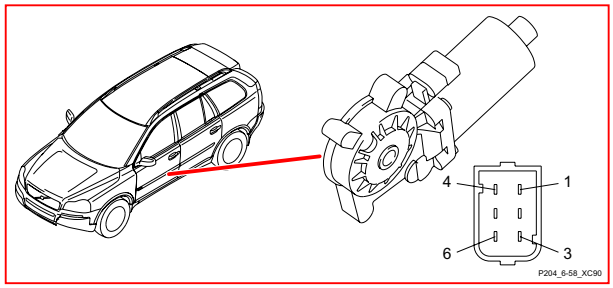
6/48 Damper Motor Module (DMM), recirculation



6/58 Front left power window motor, V70

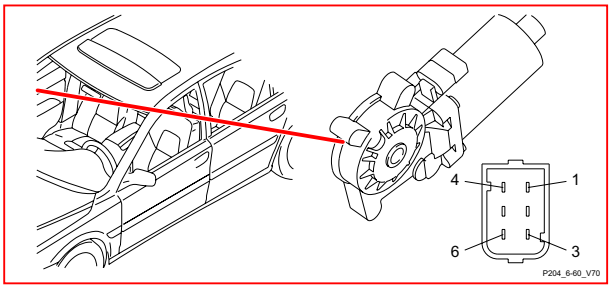


6/58 Front left power window motor, XC90

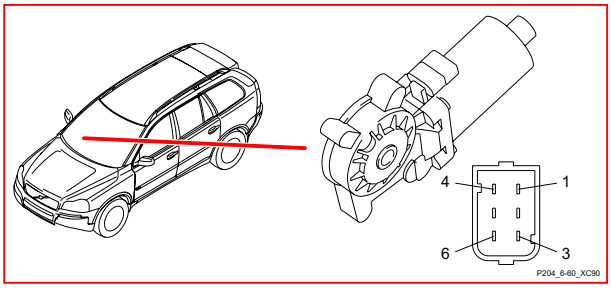


Component illustrations
6/60 V70 - 6/67 V70

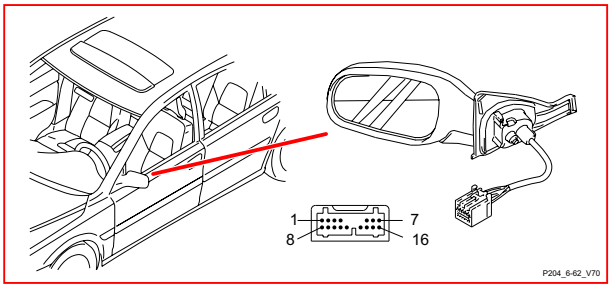
6/60 Front right power window motor, V70



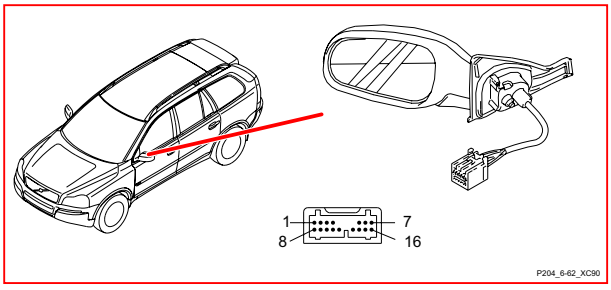
6/60 Front right power window motor, XC90



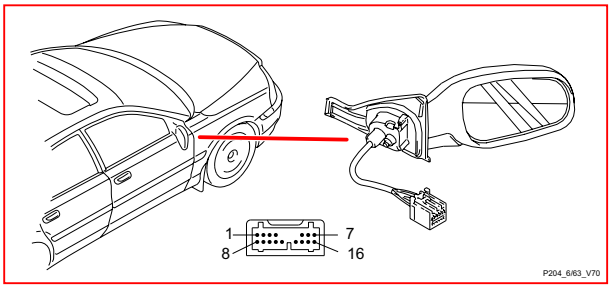
6/62 Left power exterior rearview mirror, V70



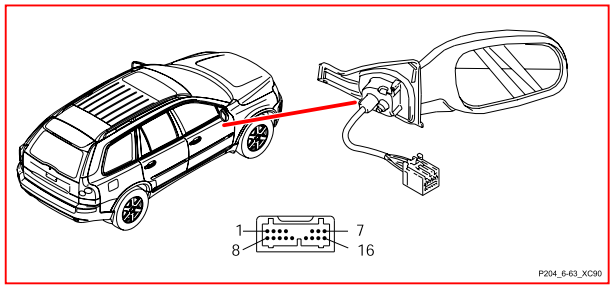
6/62 Left power exterior rearview mirror, XC90



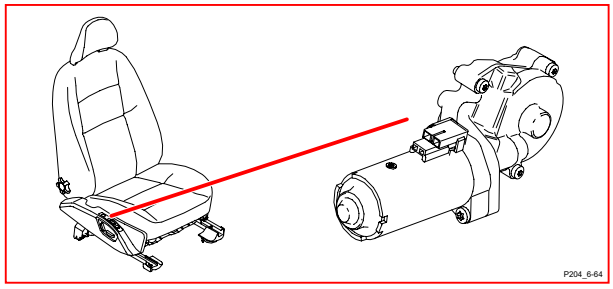
6/63 Right power exterior rearview mirror, V70



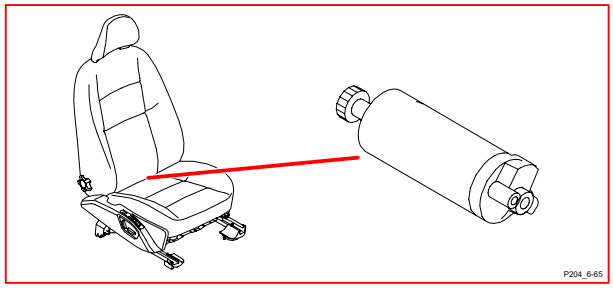
6/63 Right power exterior rearview mirror, XC90



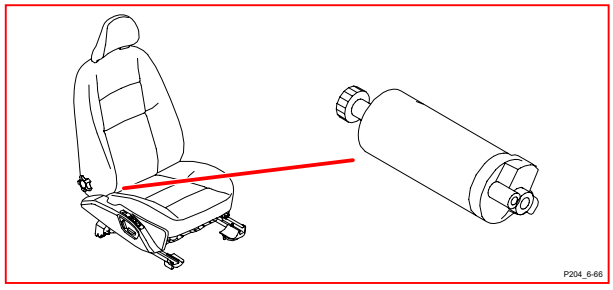
6/64 Motor passenger seat, backrest angle



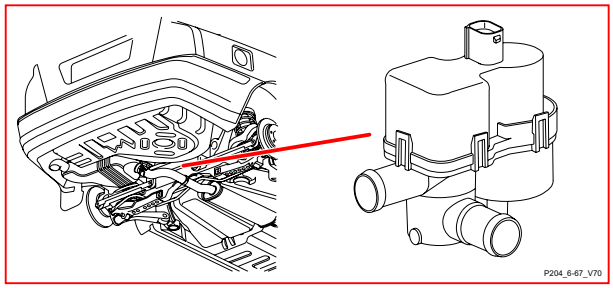
6/65 Motor passenger seat, up/down front edge



6/66 Motor passenger seat, up/down rear edge

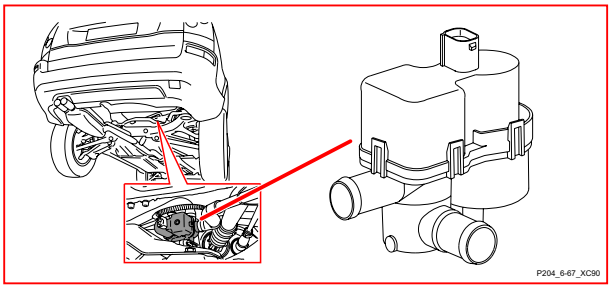


6/67 Pump, fuel leakage control, V70

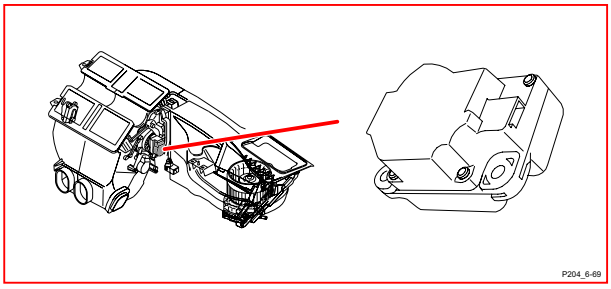


Component illustrations
6/67 XC90 - 6/93 XC90

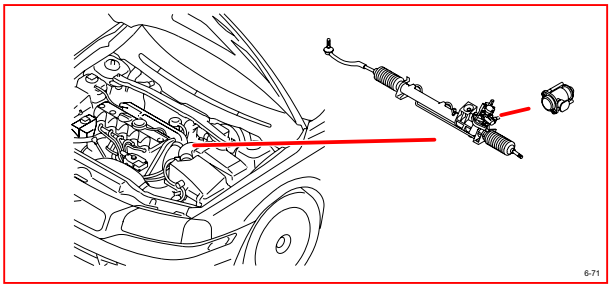
6/67 Pump, fuel leakage control, XC90



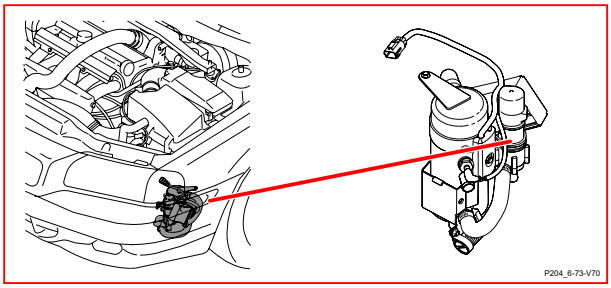
6/69 Damper Motor Module (DMM), ventilation/floor/defroster



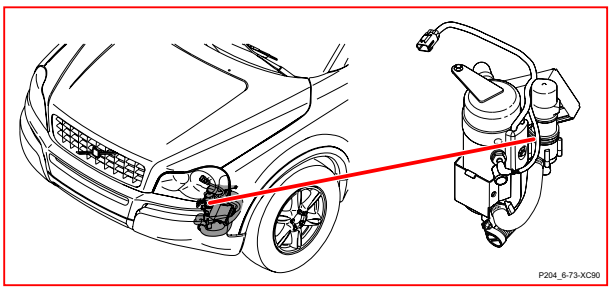
6/71 Valve, speed-dependent power steering



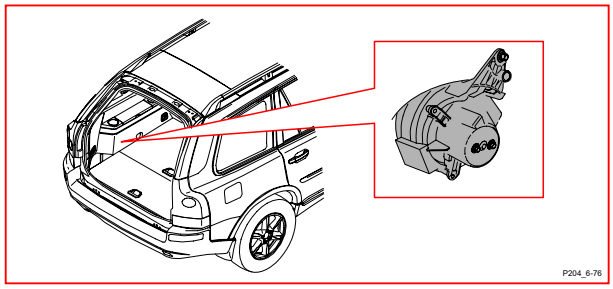
6/73 Coolant pump, auxiliary heater V70



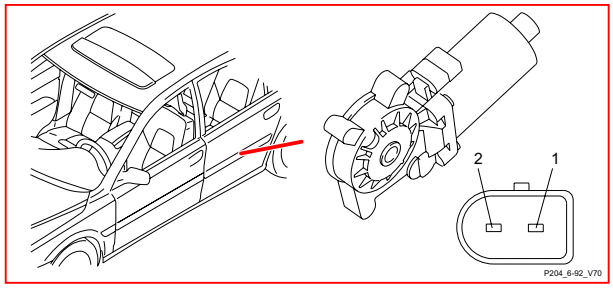
6/73 Coolant pump, auxiliary heater XC90



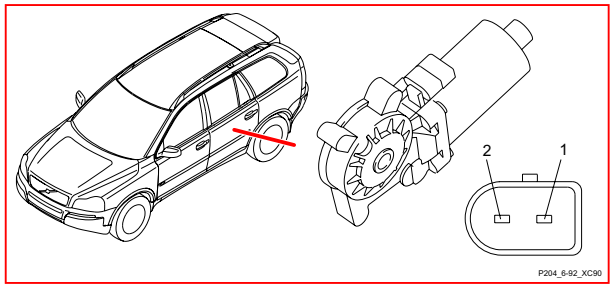
6/76 Climate control system, rear



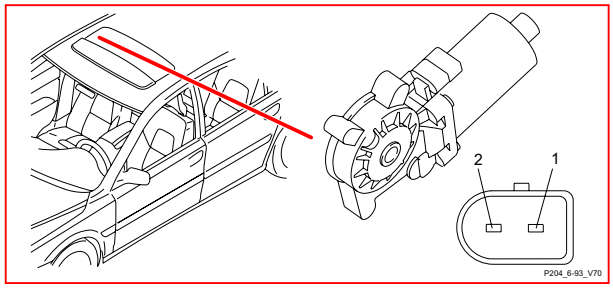
6/92 Rear left power window motor, V70



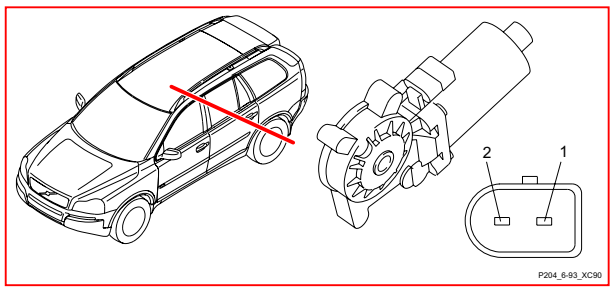
6/92 Rear left power window motor, XC90



6/93 Rear right power window motor, V70

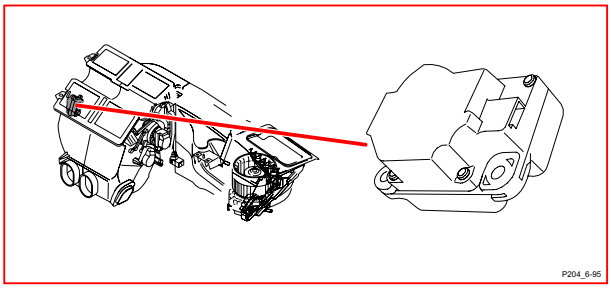


6/93 Motor, rear right power window XC90

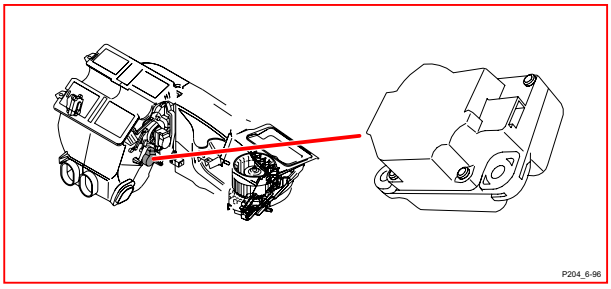


Component illustrations
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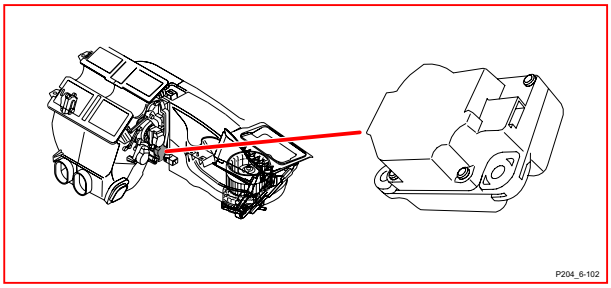
6/95 Damper Motor Module (DMM), temperature, left-hand side



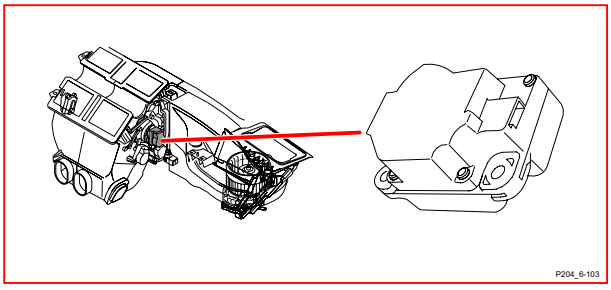
6/96 Damper Motor Module (DMM), temperature, right-hand side



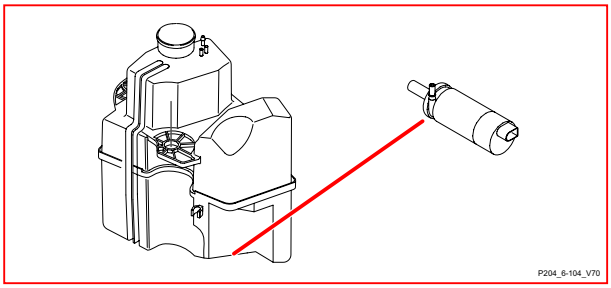
6/102 Damper Motor Module (DMM), defroster



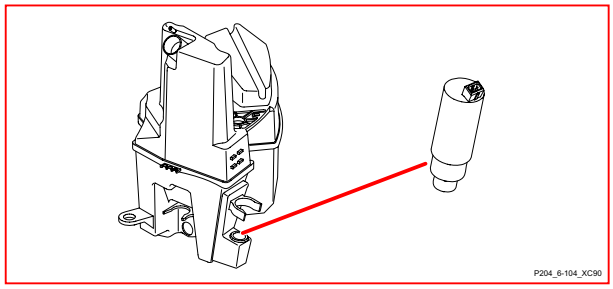
6/103 Damper Motor Module (DMM), floor/ventilation



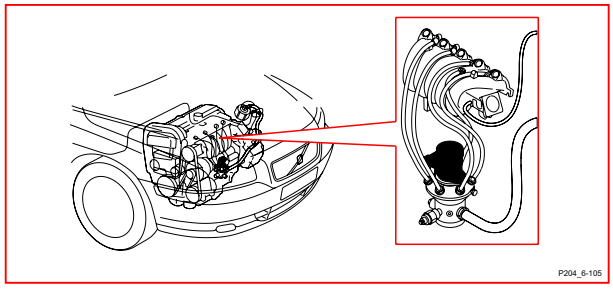
6/104 High pressure headlight washer V70



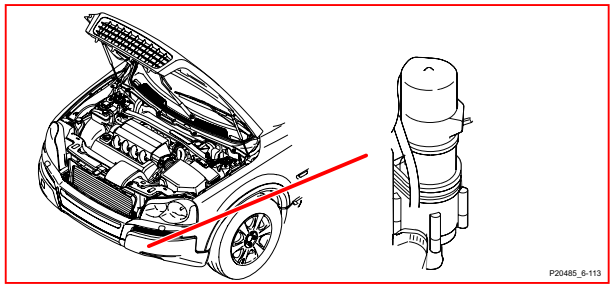
6/104 High pressure headlight washer motor XC90



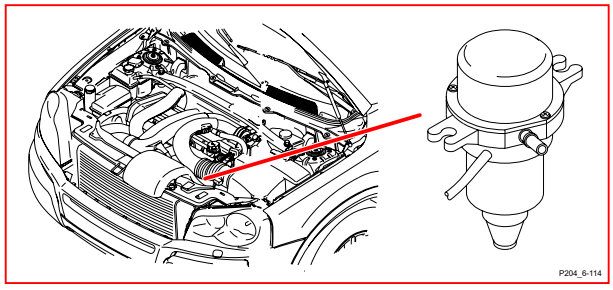
6/105 Fuel distributor, gas



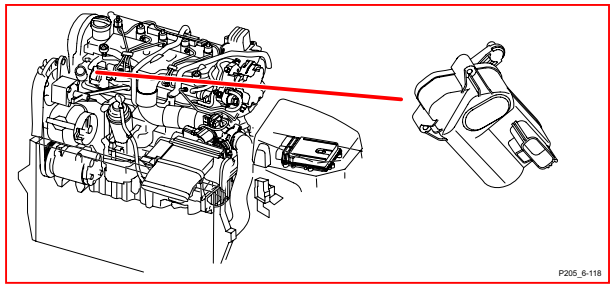
6/113 Coolant pump, 8-Cyl.



6/114 Vacuum pump

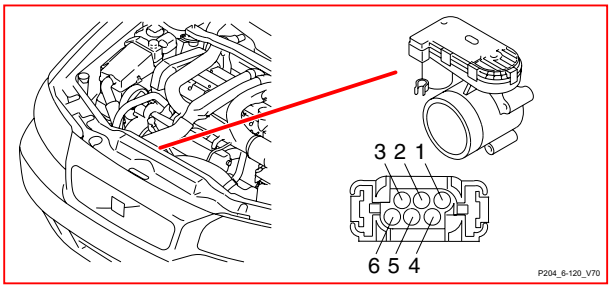


6/118 Regulator motor, swirl throttle

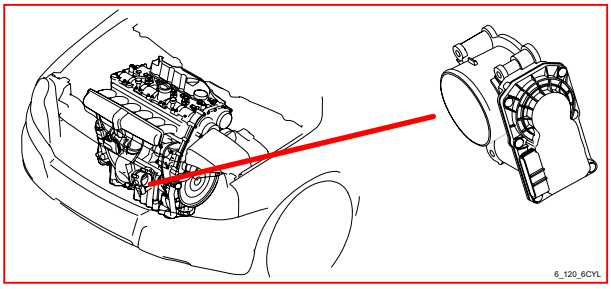


Component illustrations
6/120 5-Cyl. - 7/4

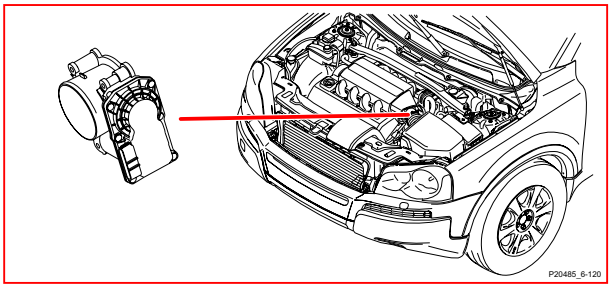
6/120 Throttle body motor, 5-Cyl.



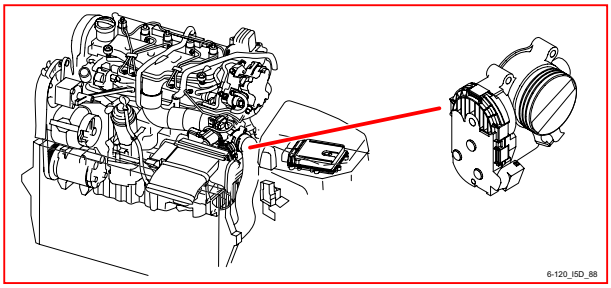
6/120 Throttle body motor, 6-Cyl.



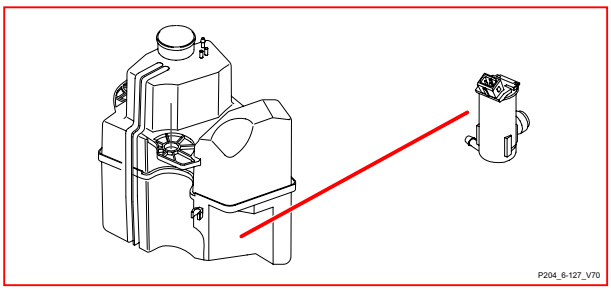
6/120 Throttle body motor, 8-Cyl.



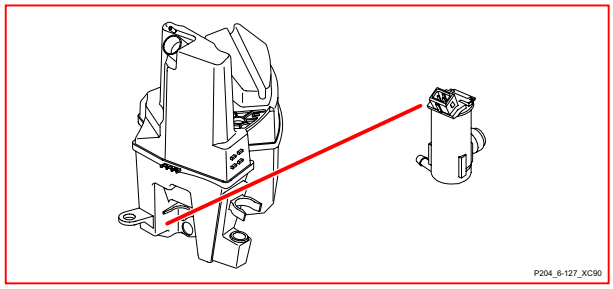
6/120 Throttle body motor Diesel



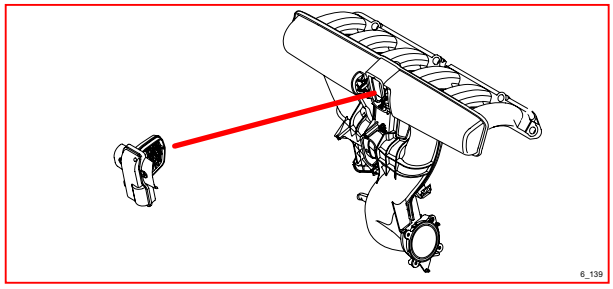
6/127 Washer motor V70



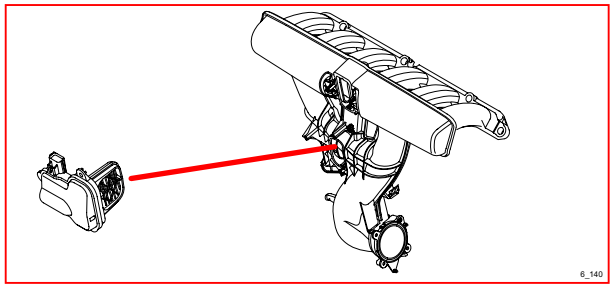
6/127 Washer motor XC90



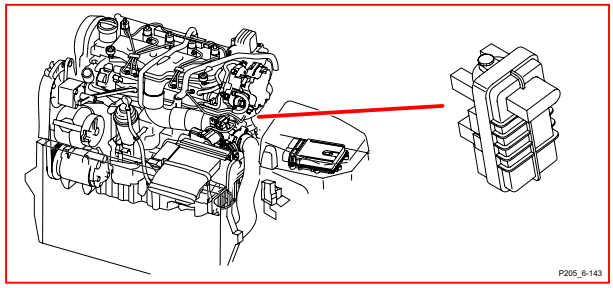
6/139 Upper actuating motor, intake manifold



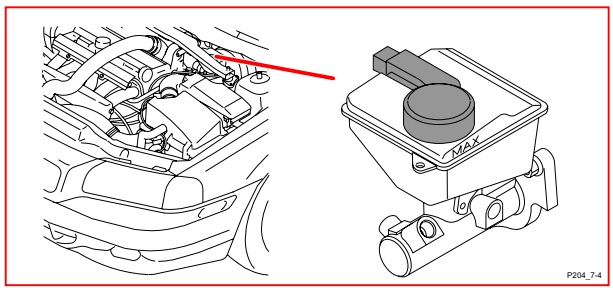
6/140 Lower actuating motor, intake manifold



6/143 Regulator motor, Turbo

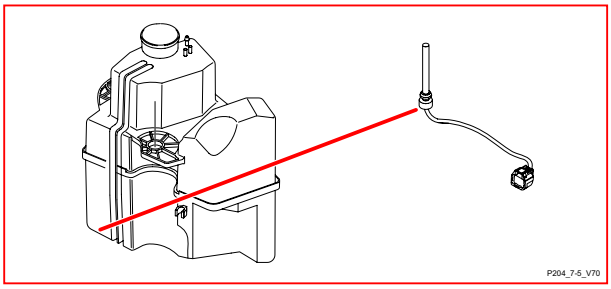


7/4 Brake fluid level sensor

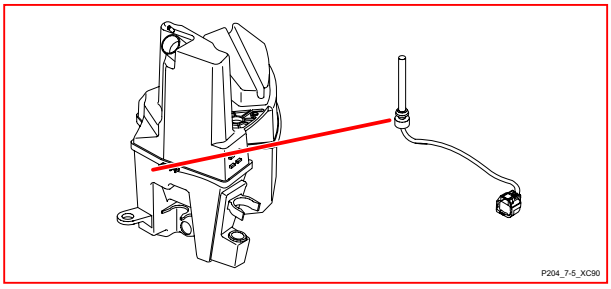


Component illustrations
7/5 V70 - 7/11 XC90

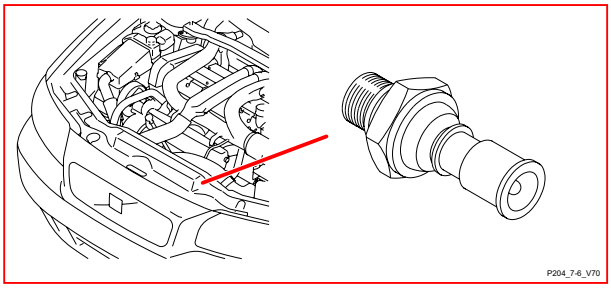
7/5 Washer fluid level sensor V70



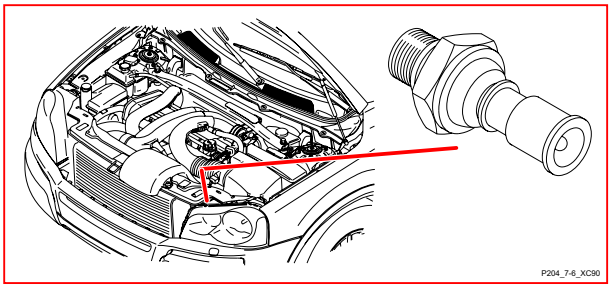
7/5 Washer fluid level sensor XC90



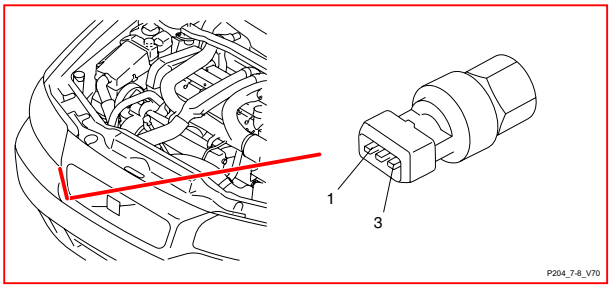
7/6 Oil pressure monitor V70



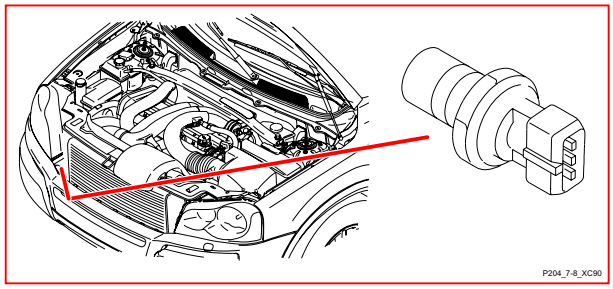
7/6 Oil pressure monitor XC90



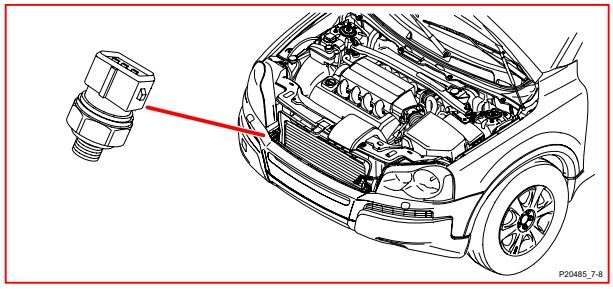
7/8 Pressure sensor, climate control system V70



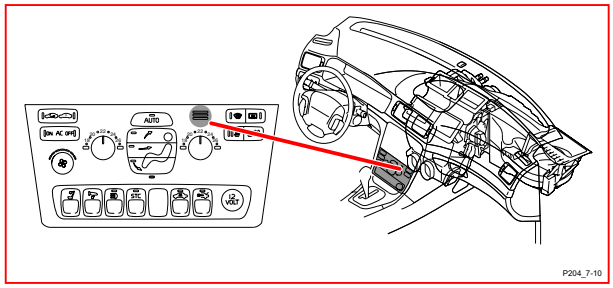
7/8 Pressure sensor, climate control system XC90



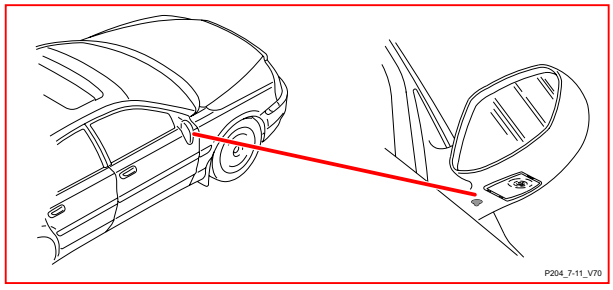
7/8 Pressure sensor, climate control system, 8-Cyl.



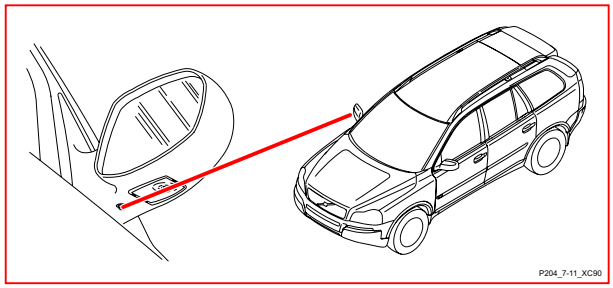
7/10 Interior temperature sensor



7/11 Outside temperature sensor V70

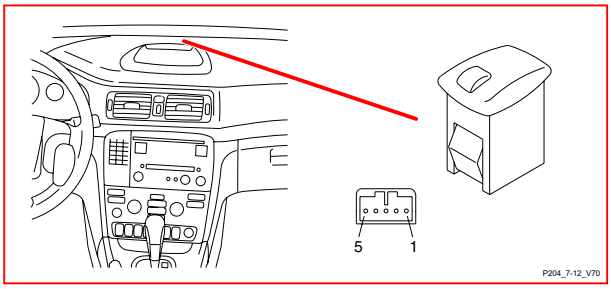


7/11 Outside temperature sensor XC90

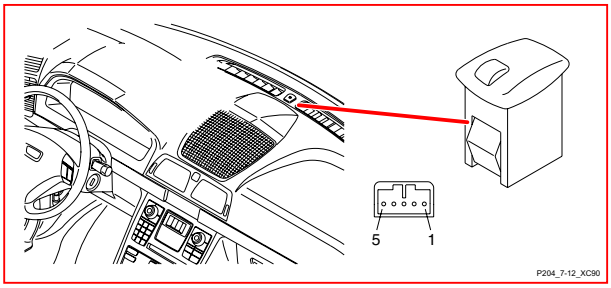


Component illustrations
7/12 V70 - 7/17 V70

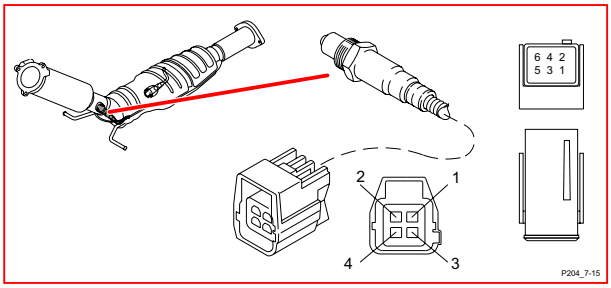
7/12 Solar sensor, twilight sensor and indicator alarm V70



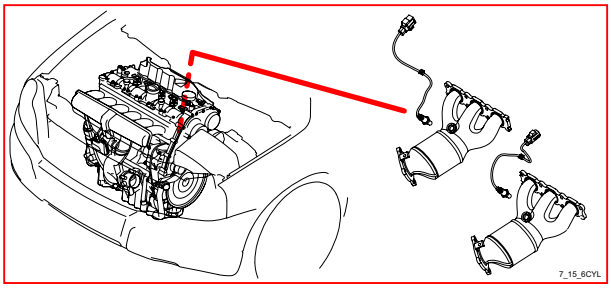
7/12 Solar sensor, twilight sensor and indicator alarm XC90



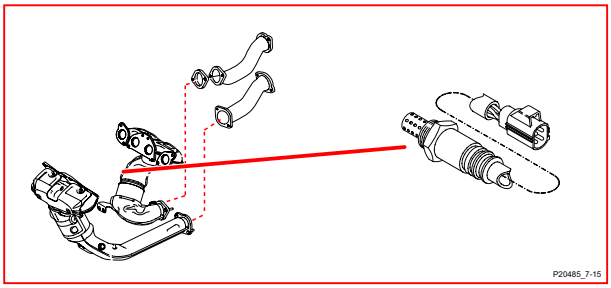
7/15 Heated oxygen sensor, 5-Cyl.



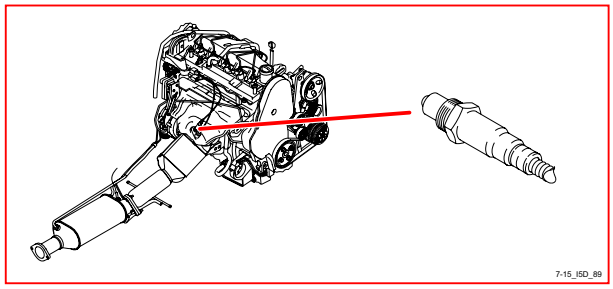
7/15 Front heated oxygen sensor, bank 2, 6-cyl.



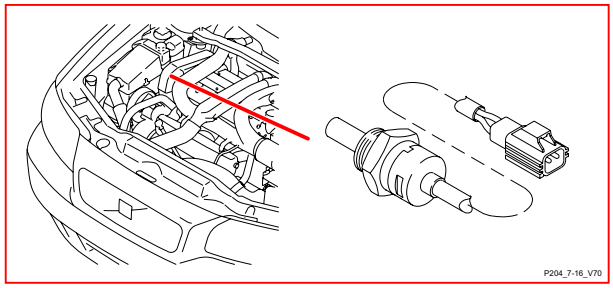
7/15 Front heated oxygen sensor, bank 2, 8-cyl.



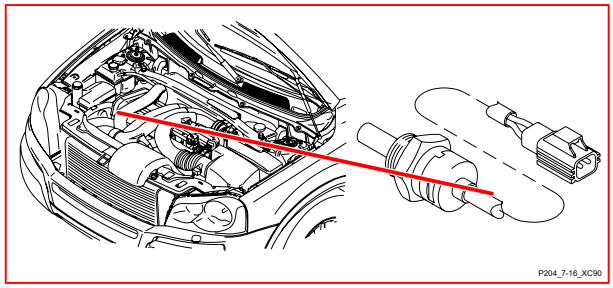
7/15 Heated oxygen sensor Diesel



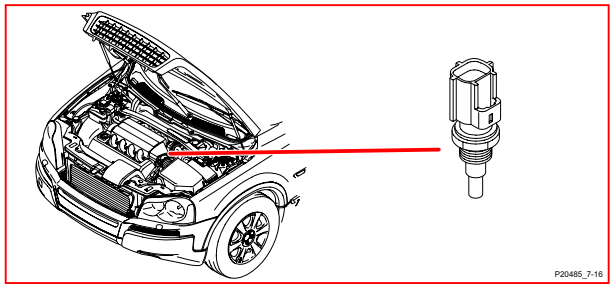
7/16 Coolant temperature sensor V70



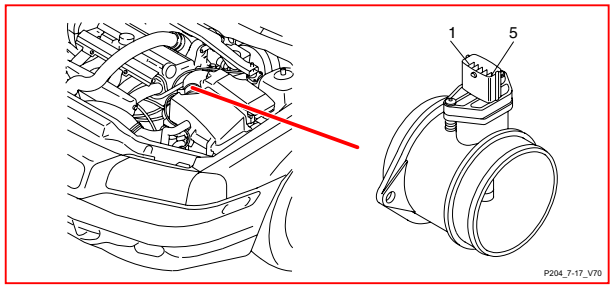
7/16 Coolant temperature sensor XC90



7/16 Coolant temperature sensor, 8-Cyl.

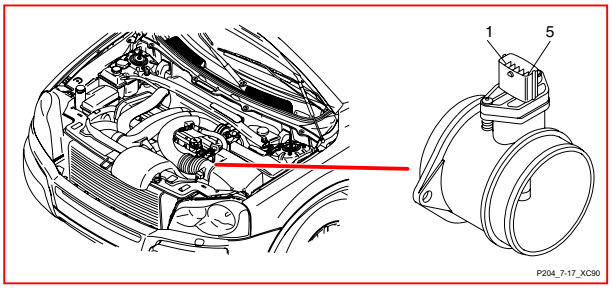


7/17 Mass air flow sensor (MAF) V70

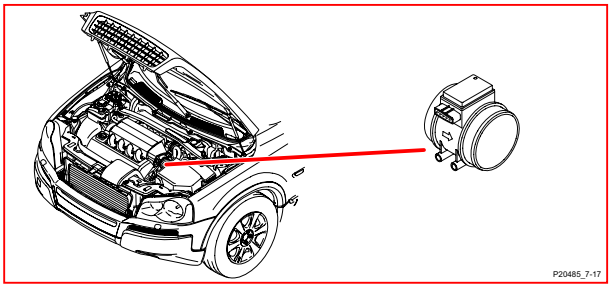


Component illustrations
7/17 XC90 - 7/31

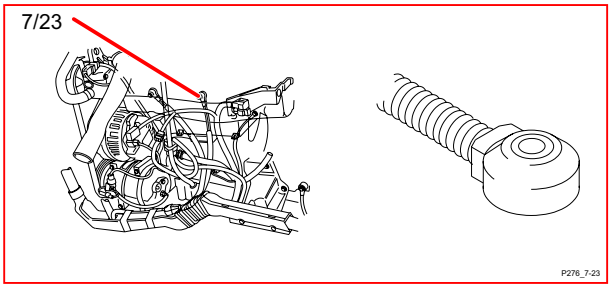
7/17 Mass air flow sensor (MAF) XC90



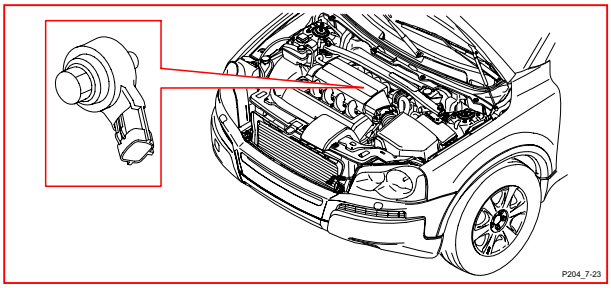
7/17 Mass air flow sensor (MAF), 8-Cyl.



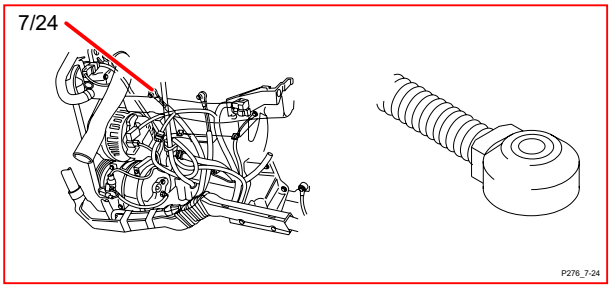
7/23 Rear knock sensor



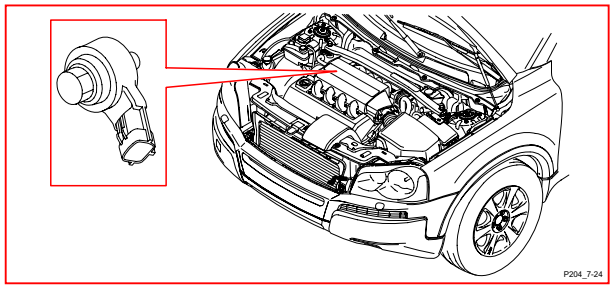
7/23 Rear knock sensor, 8-Cyl.



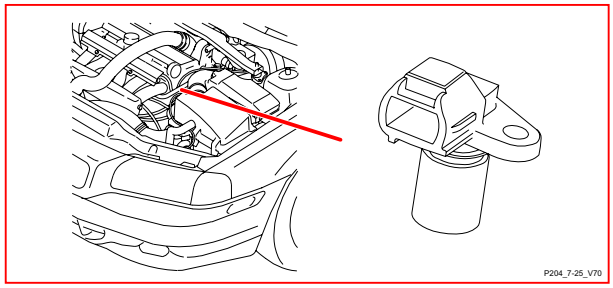
7/24 Front knock sensor



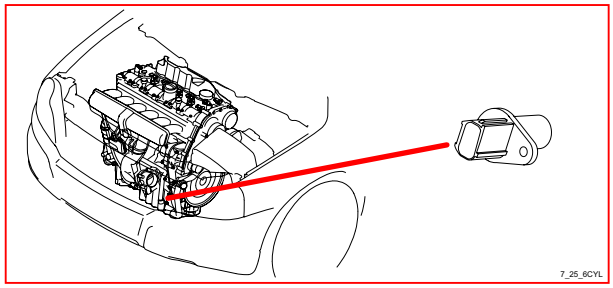
7/24 Front knock sensor, 8-Cyl.



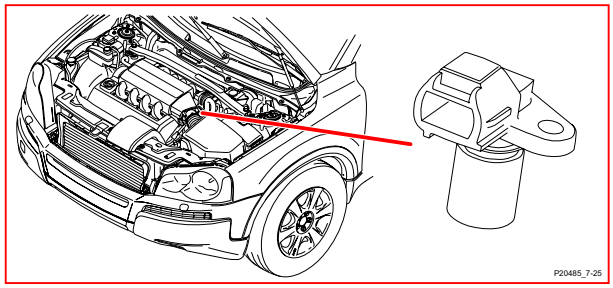
7/25 Impulse sensor



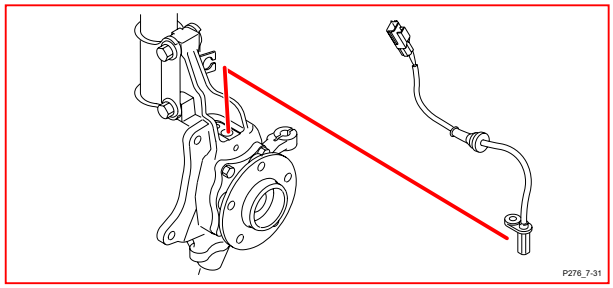
7/25 Impulse sensor, 6-cyl.



7/25 Impulse sensor, 8-Cyl.

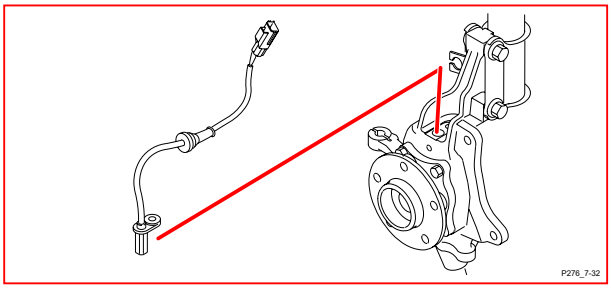


7/31 Sensor ABS, front left

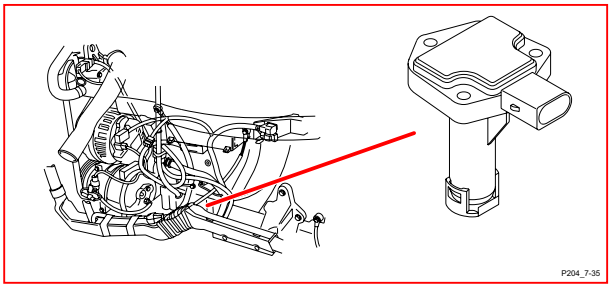


Component illustrations
7/32 - 7/62 AW51

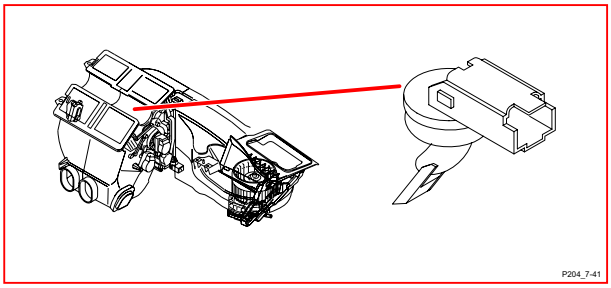
7/32 Sensor ABS, front right



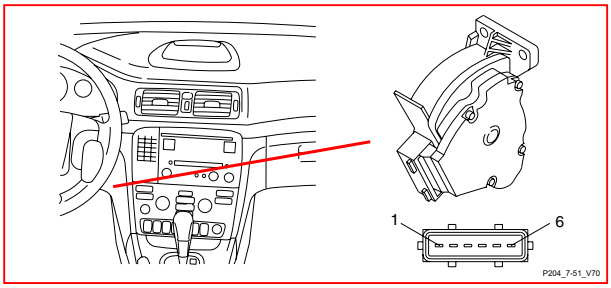
7/35 Oil level sensor



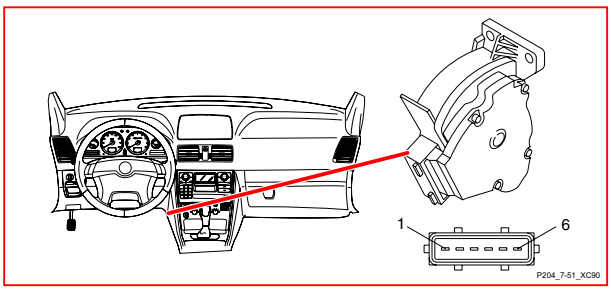
7/41 Temperature sensor evaporator



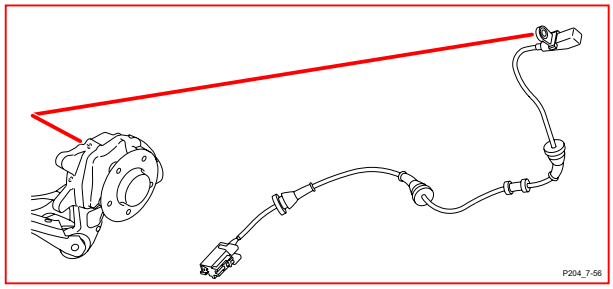
7/51 Accelerator pedal sensor V70



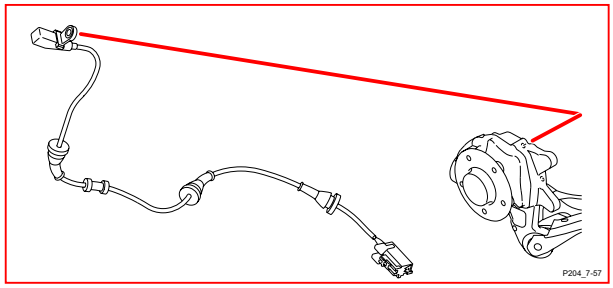
7/51 Accelerator pedal sensor XC90



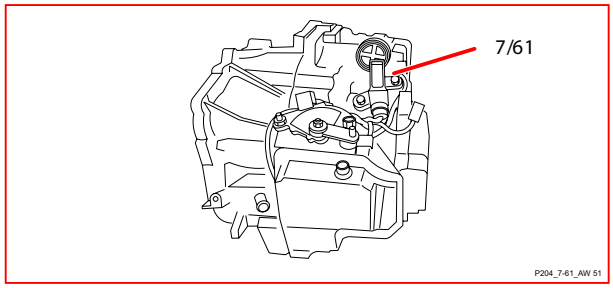
7/56 Sensor ABS, rear left



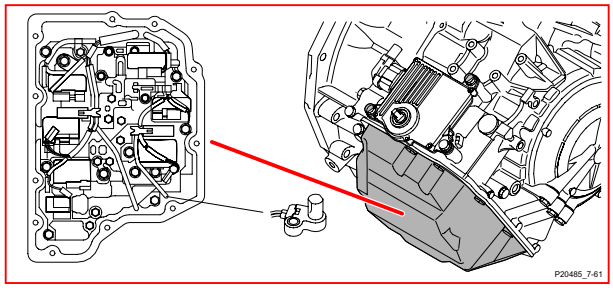
7/57 Sensor ABS, rear right



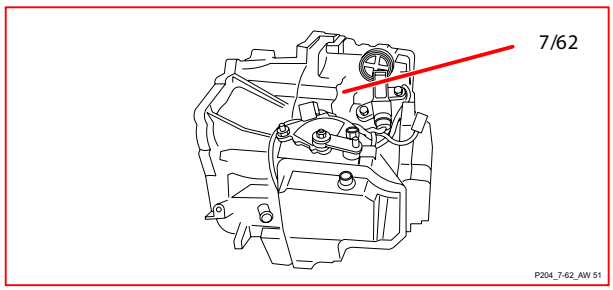
7/61 Input speed sensor AW51



7/61 Input speed sensor TF-80SC

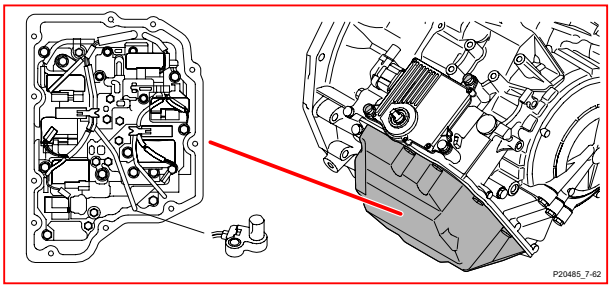


7/62 Output speed sensor AW51

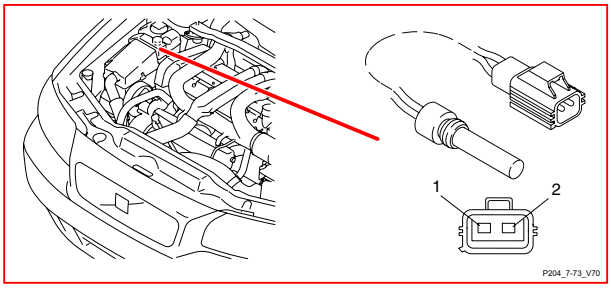


Component illustrations
7/62 TF-80SC - 7/82 6-Cyl.

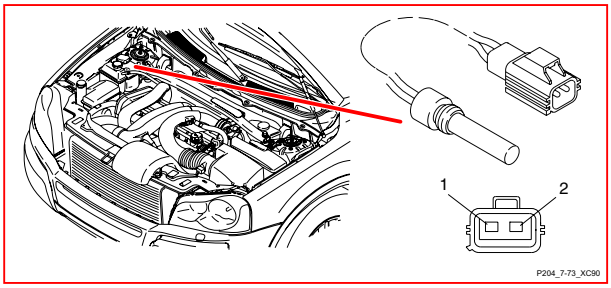
7/62 Output speed sensor TF-80SC



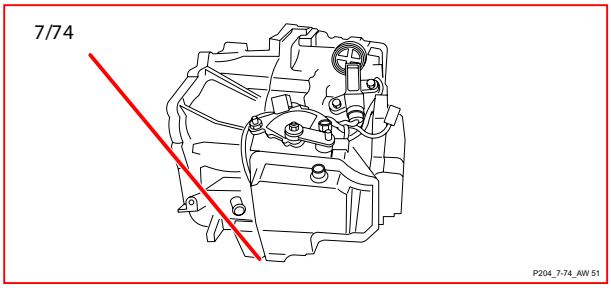
7/73 Coolant level sensor V70



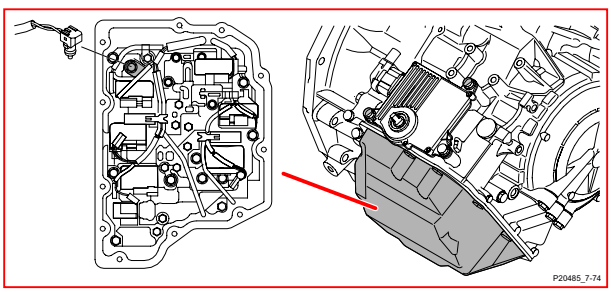
7/73 Coolant level sensor XC90



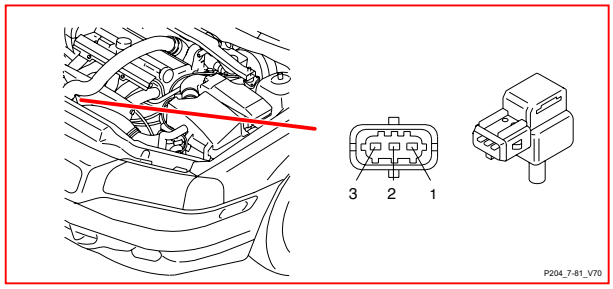
7/74 Fluid temperature sensor, automatic transmission AW51



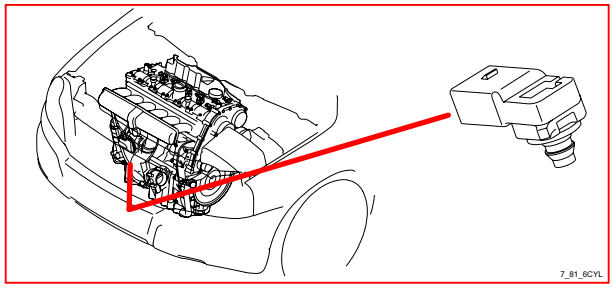
7/74 Fluid temperature sensor, automatic transmission TF-80SC



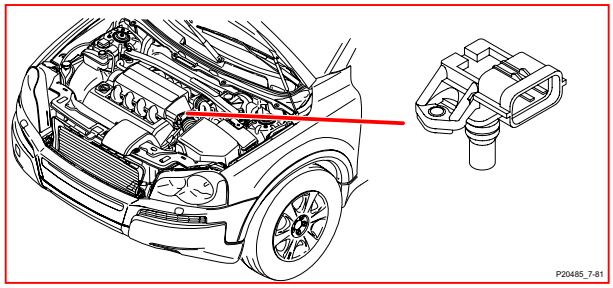
7/81 Intake manifold pressure sensor, 5-Cyl.



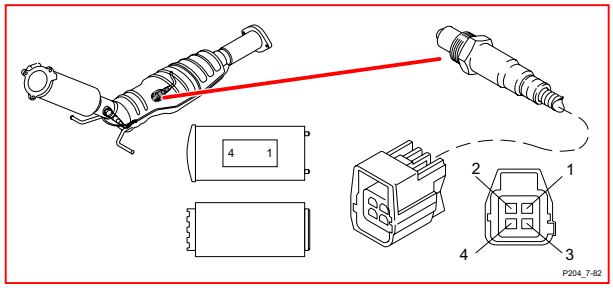
7/81 Intake manifold pressure sensor, 6-Cyl.



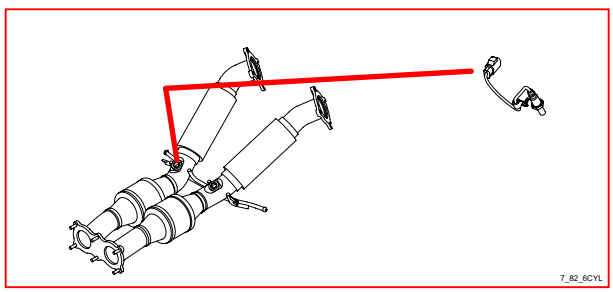
7/81 Intake manifold pressure sensor, 8-Cyl.



7/82 Rear heated oxygen sensor, 5-Cyl.

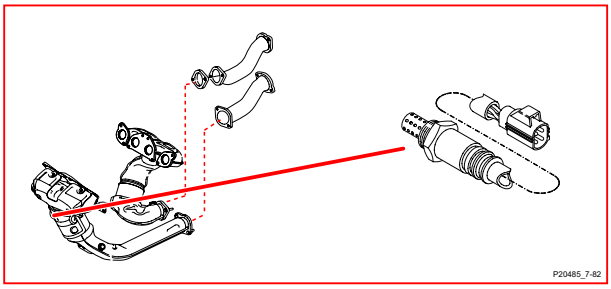


7/82 Rear heated oxygen sensor, bank 2, 6-Cyl.

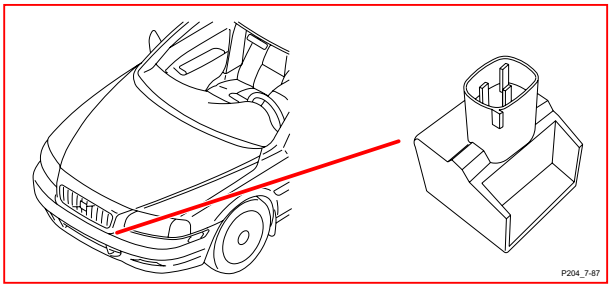


Component illustrations
7/82 8-cyl. - 7/103 6-cyl.

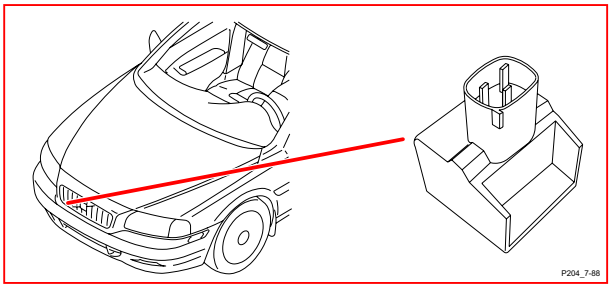
7/82 Front heated oxygen sensor, bank 1, 8-Cyl.



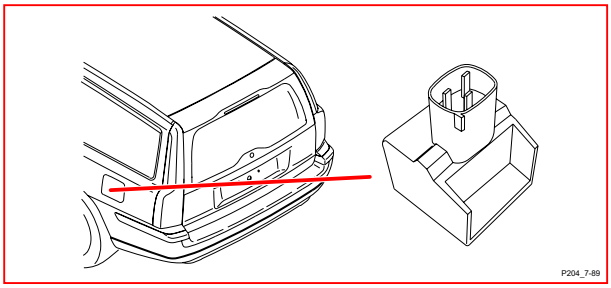
7/87 Acceleration sensor, Four-C, front left



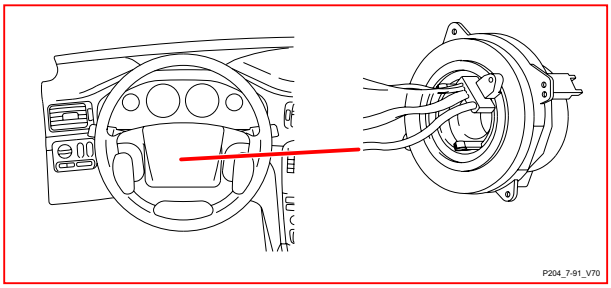
7/88 Acceleration sensor, Four-C, front right



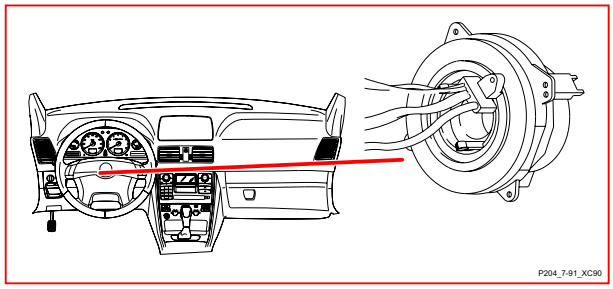
7/89 Acceleration sensor, Four-C, rear left



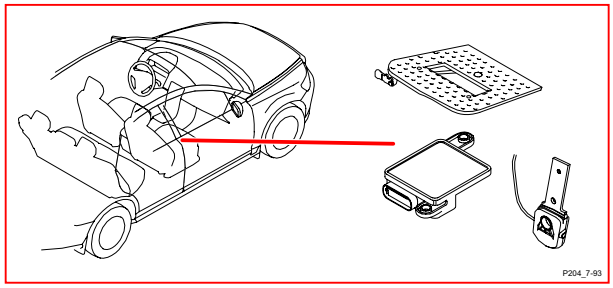
7/91 Steering angle sensor V70



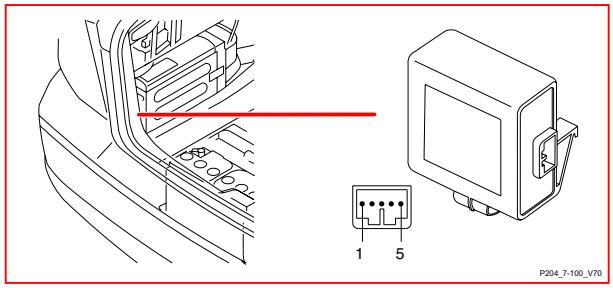
7/91 Steering angle sensor XC90



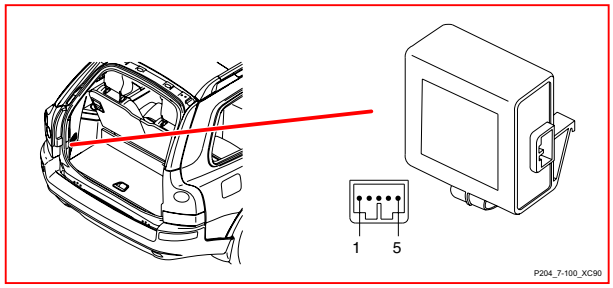
7/93 Occupant Weight Sensor (OWS)



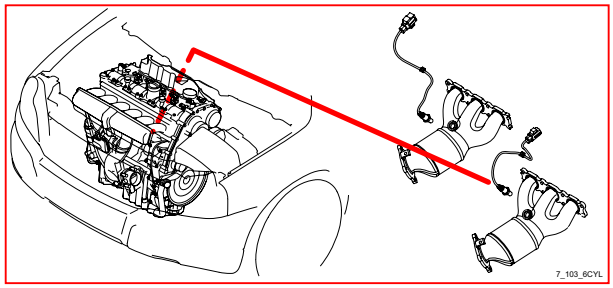
7/100 Inclination Sensor Module (ISM) V70



7/100 Inclination Sensor Module (ISM) XC90

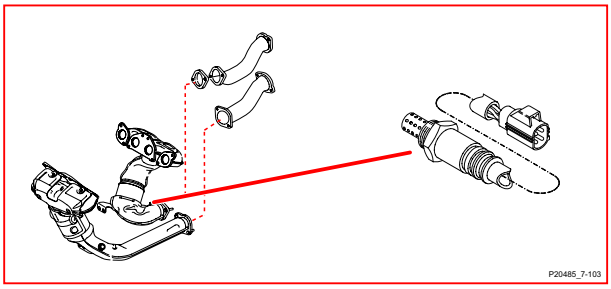


7/103 Front heated oxygen sensor, bank 1, 6-Cyl.

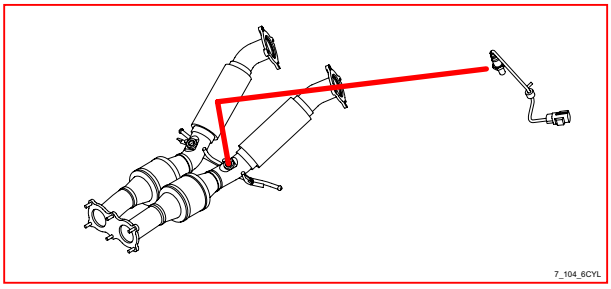


Component illustrations
7/103 8-Cyl. - 7/110

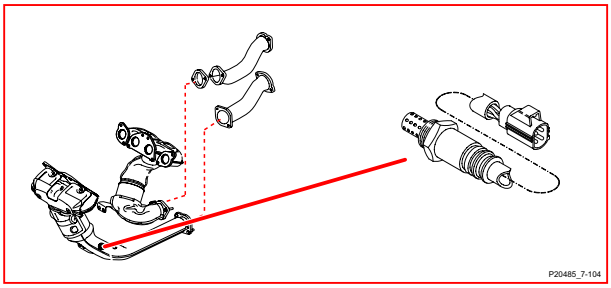
7/103 Rear heated oxygen sensor, bank 2, 8-Cyl.



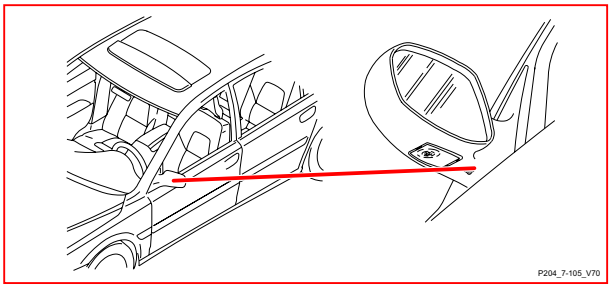
7/104 Rear heated oxygen sensor, bank 1, 6-Cyl.



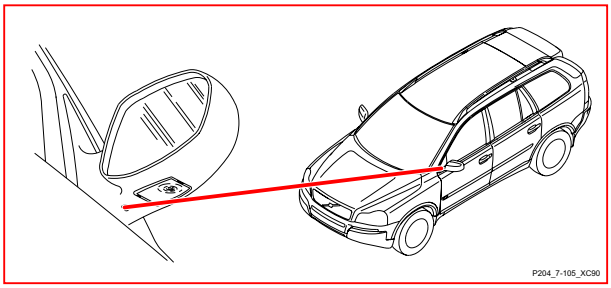
7/104 Rear heated oxygen sensor, bank 1, 8-Cyl.



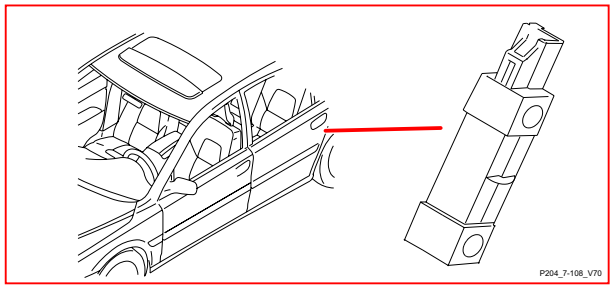
7/105 Outside temperature sensor, engine control module V70



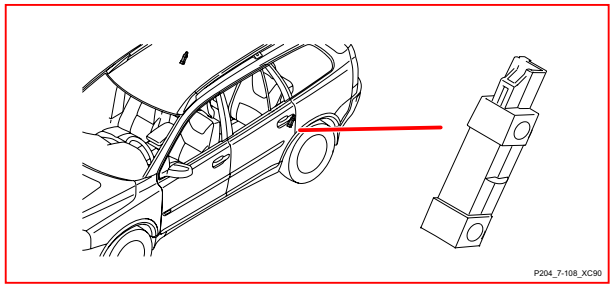
7/105 Outside temperature sensor, engine control module XC90



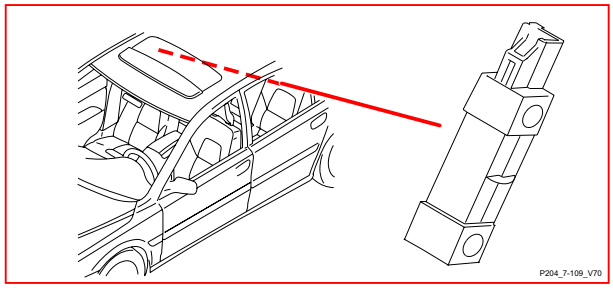
7/108 Side impact sensor, rear left V70



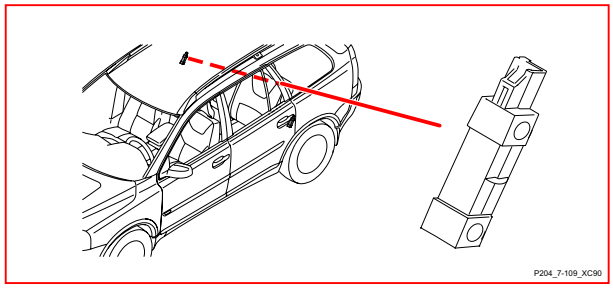
7/108 Side impact sensor, rear left XC90



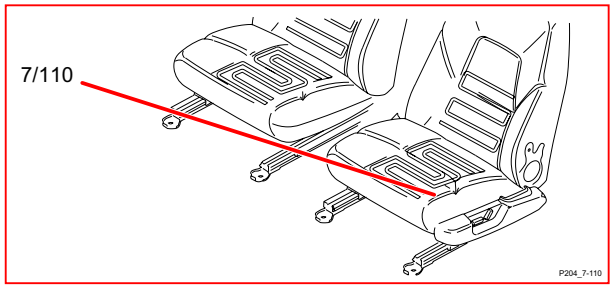
7/109 Side impact sensor, rear right V70



7/109 Side impact sensor, rear right XC90

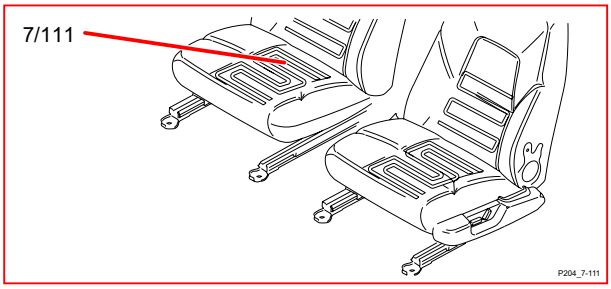


7/110 Left-hand seat temperature sensor

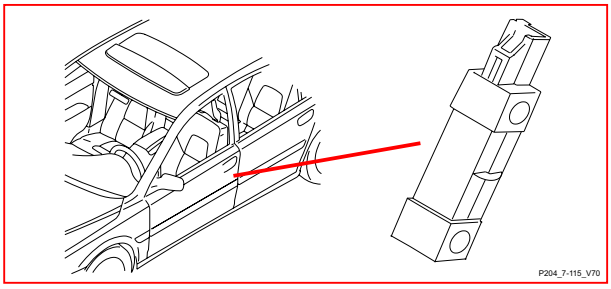


Component illustrations
7/111 - 7/121

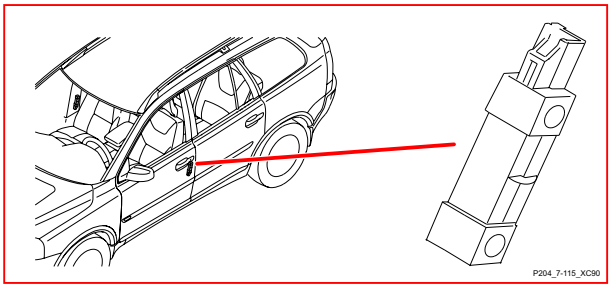
7/111 Right-hand seat temperature sensor



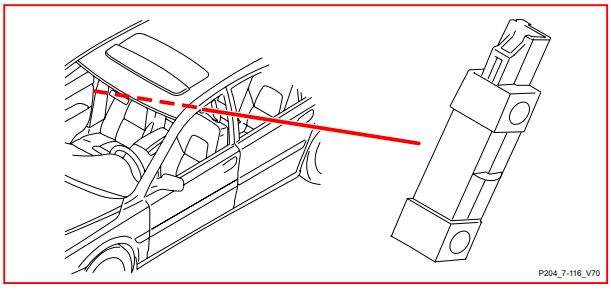
7/115 Side impact sensor, front left V70



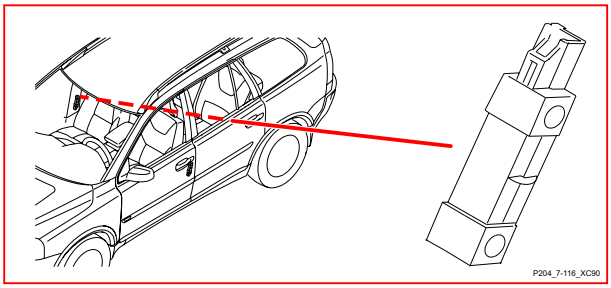
7/115 Side impact sensor, front left XC90



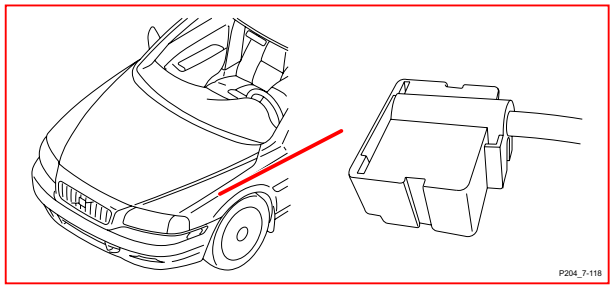
7/116 Side impact sensor, front right V70



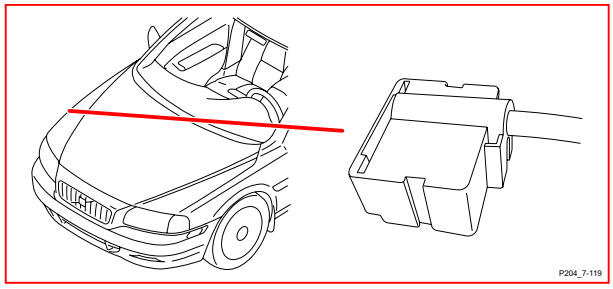
7/116 Side impact sensor, front right XC90



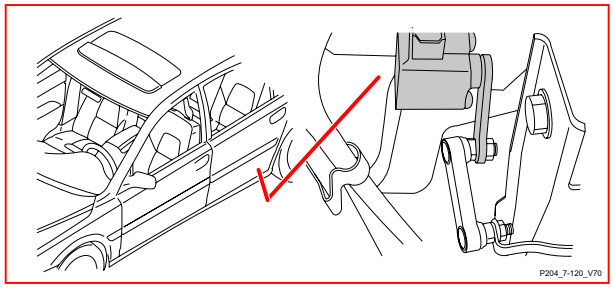
7/118 Acceleration sensor, shock absorber, Four-C, front left



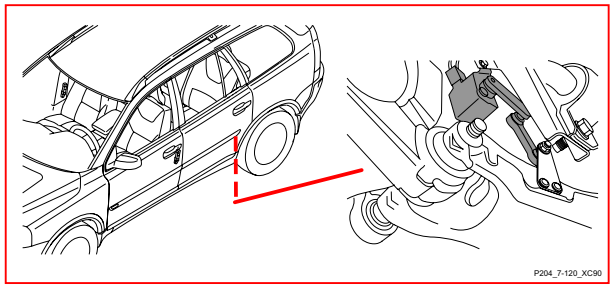
7/119 Acceleration sensor, shock absorber, Four-C, front right



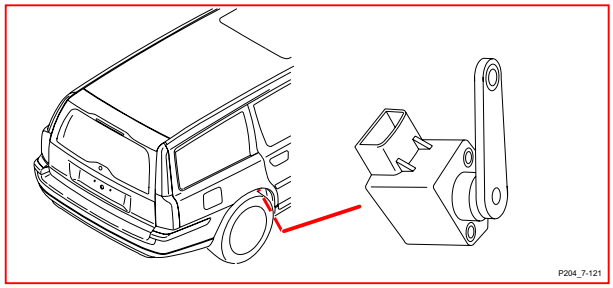
7/120 Rear left angle sensor, Four-C/Bi-Xenon V70



7/120 Rear left angle sensor, Four-C/Bi-Xenon XC90

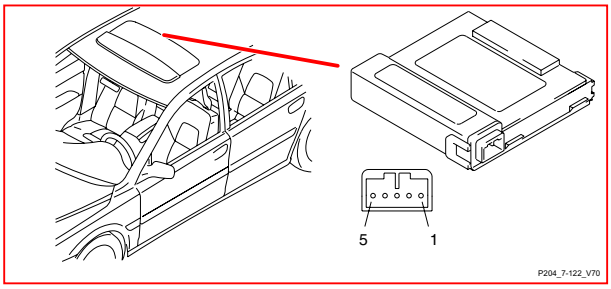


7/121 Rear right angle sensor, Four-C

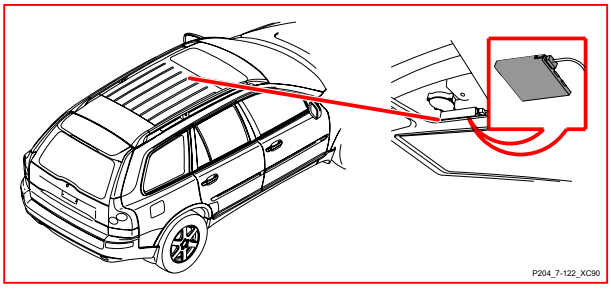


Component illustrations
7/122 V70 - 7/130 XC90

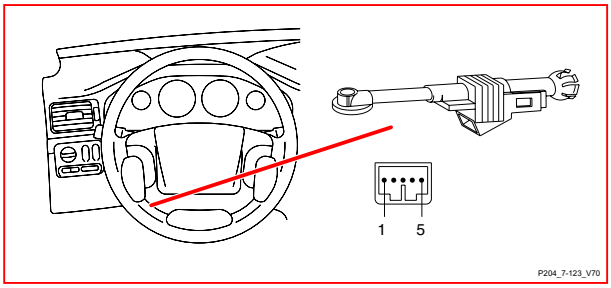
7/122 Mass Movement Sensor (MMS), front V70



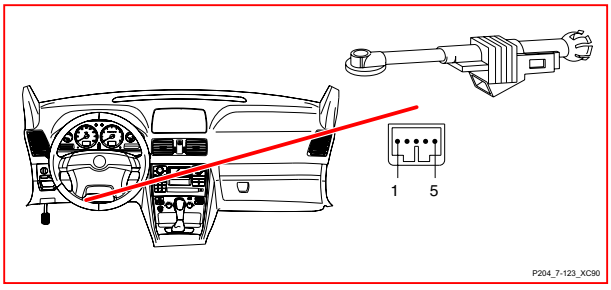
7/122 Mass Movement Sensor (MMS), front XC90



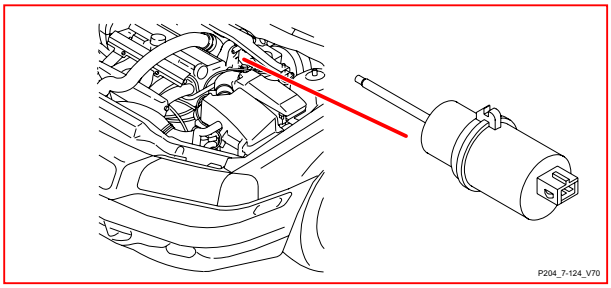
7/123 Clutch pedal sensor V70



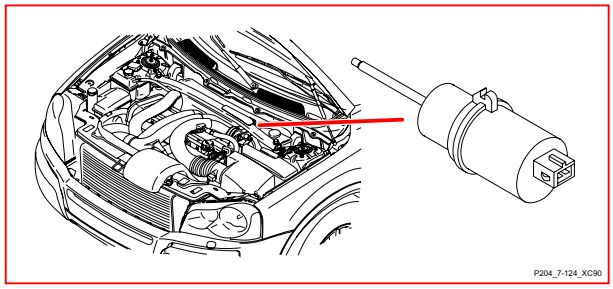
7/123 Clutch pedal sensor XC90



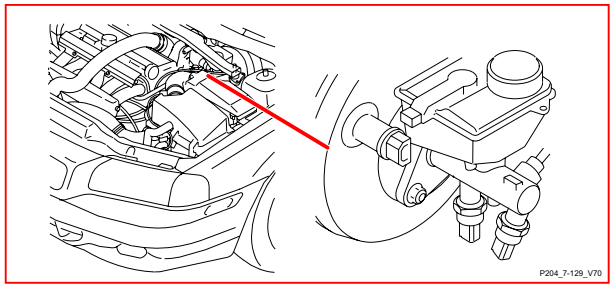
7/124 Brake pedal sensor V70



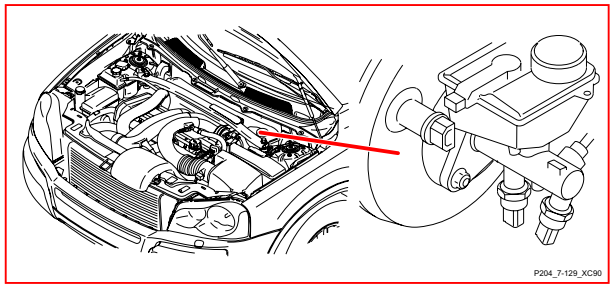
7/124 Brake pedal sensor XC90



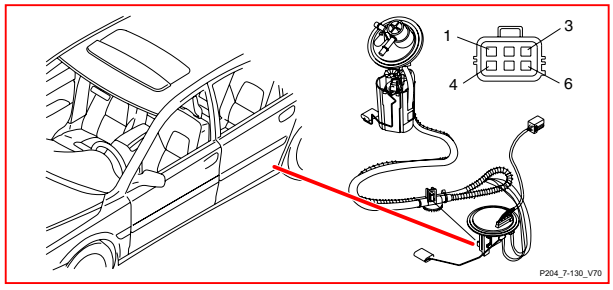
7/129 Brake pressure sensor 2 V70



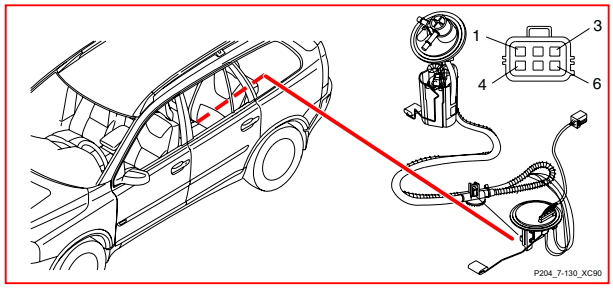
7/129 Brake pressure sensor 2 XC90



7/130 Fuel level sensor, ejector side V70

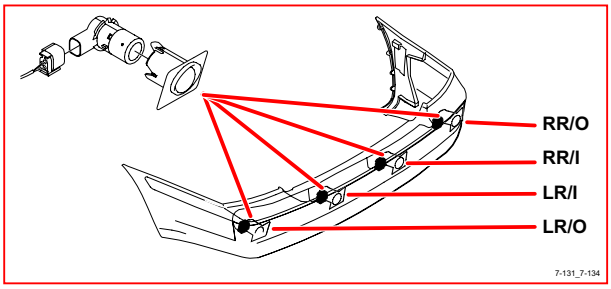


7/130 Fuel level sensor, ejector side XC90

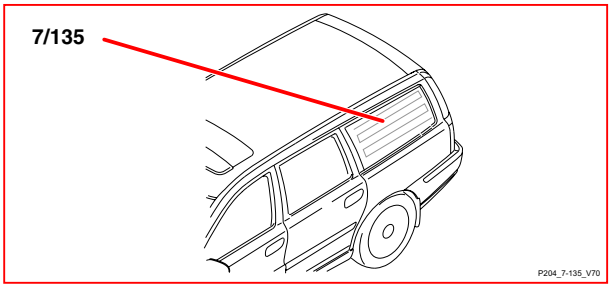


Component illustrations
7/131 - 7/149 XC90

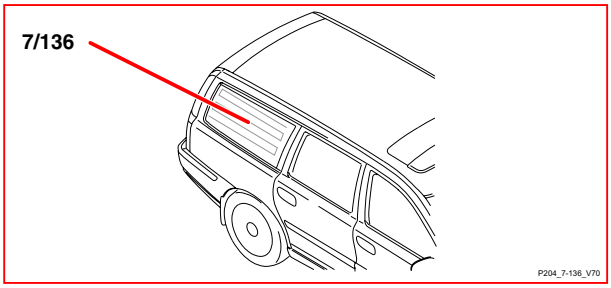
7/131-
7/134 Rear parking assistance sensor



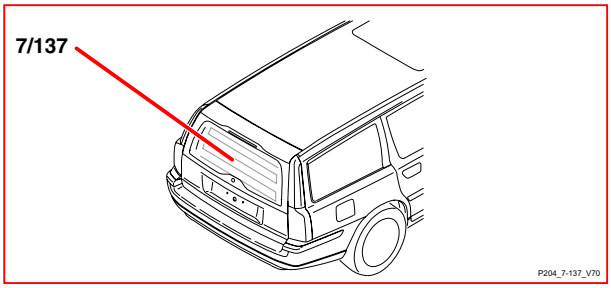
7/135 Glass breakage sensor, left-hand



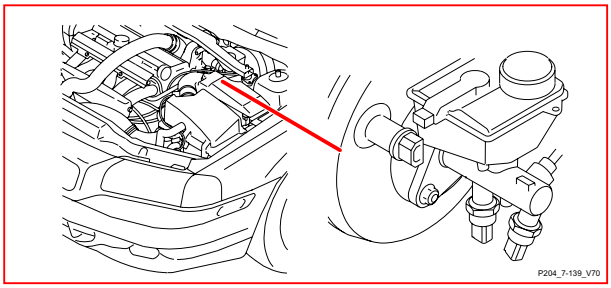
7/136 Glass breakage sensor, right-hand



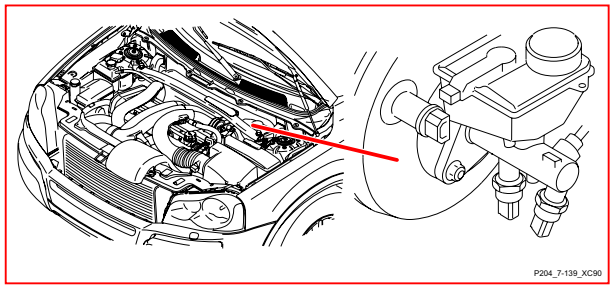
7/137 Glass breakage sensor, tailgate



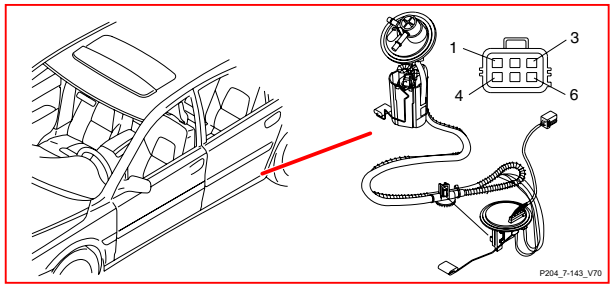
7/139 Brake pressure sensor 1 V70



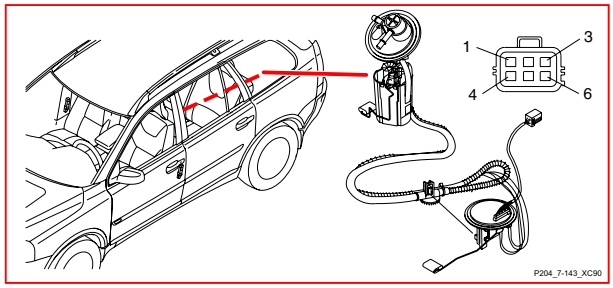
7/139 Brake pressure sensor 1 XC90



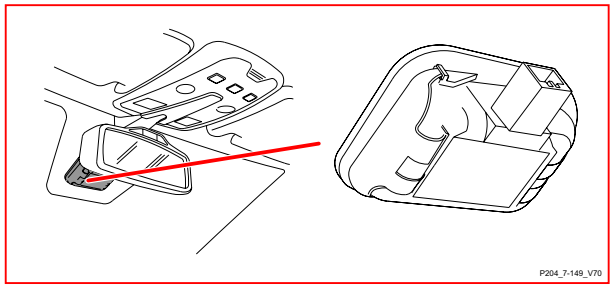
7/143 Fuel level sensor, pump side V70



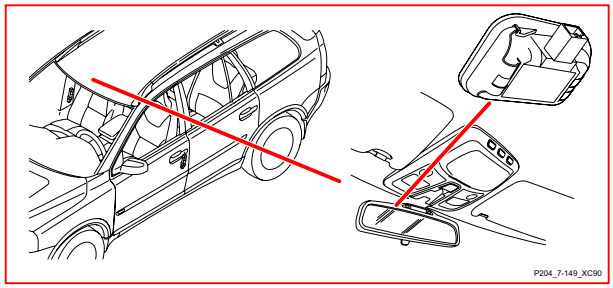
7/143 Sensor fuel level, pump side XC90



7/149 Rain Sensor Module (RSM), V70

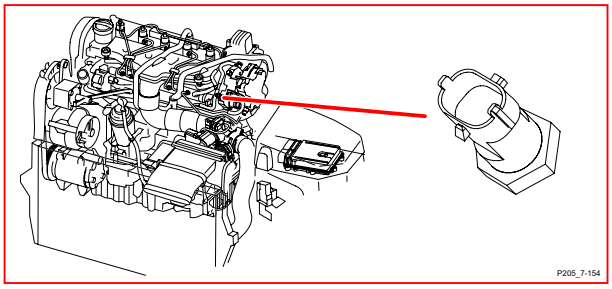


7/149 Rain Sensor Module (RSM), XC90

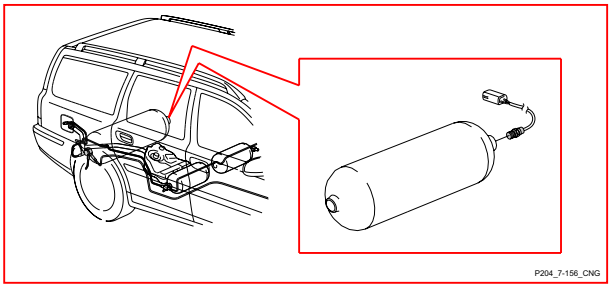


Component illustrations
7/154 Diesel - 7/172 5-Cyl.

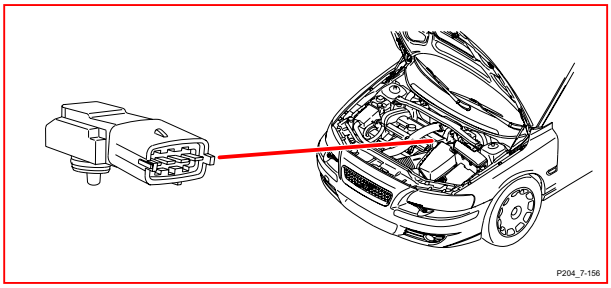
7/154 Fuel temperature sensor, Diesel



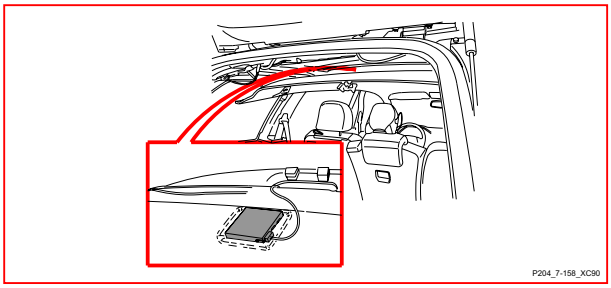
7/156 Pressure and temperature sensor, Bi-Fuel



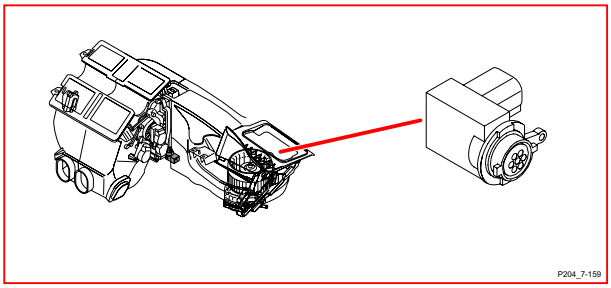
7/156 Pressure and temperature sensor fuel



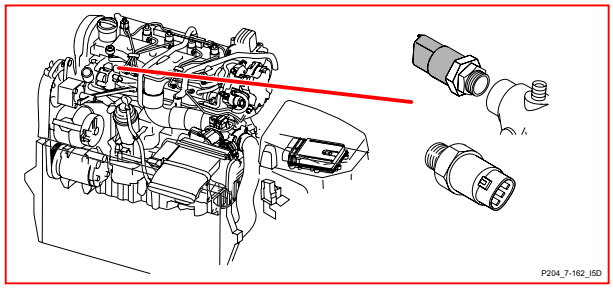
7/158 Mass Movement Sensor (MMS), rear



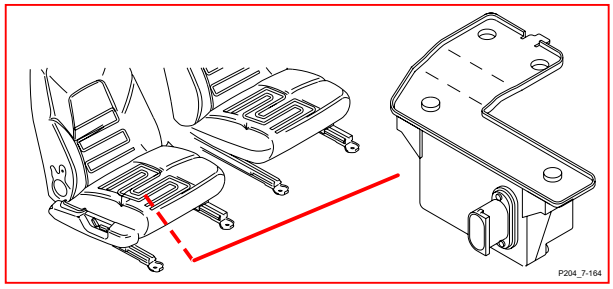
7/159 Air Quality Sensor (AQS)



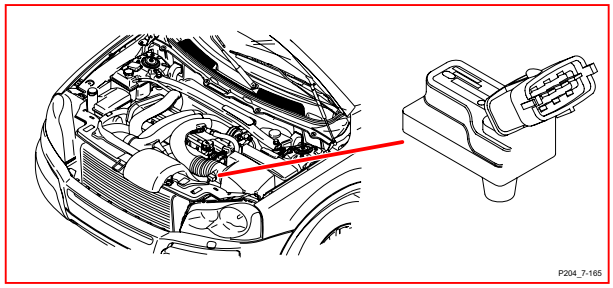
7/162 Fuel rail pressure sensor, Diesel



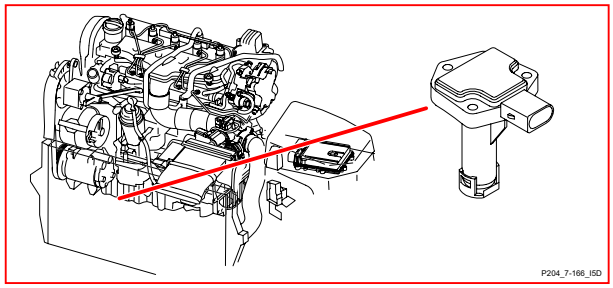
7/164 Body Sensor Cluster Stability Sensor (BSC)



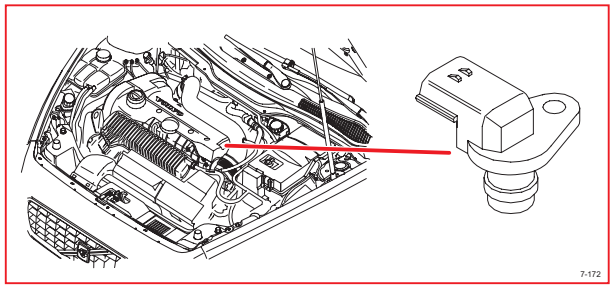
7/165 Pressure and temperature sensor, intake manifold



7/166 Oil level sensor, Diesel

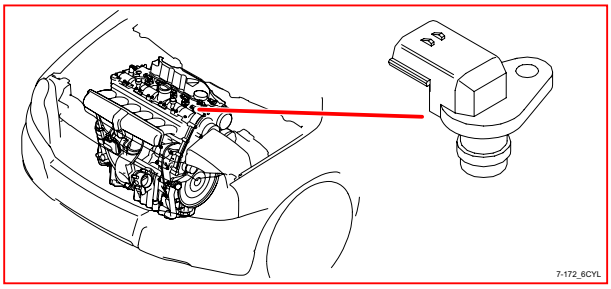


7/172 Position sensor camshaft, intake side 5-Cyl.

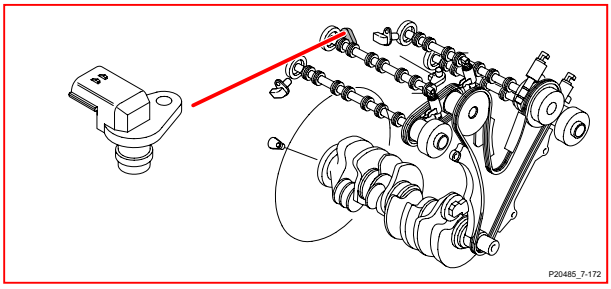


Component illustrations
7/172 6-Cyl. - 7/179

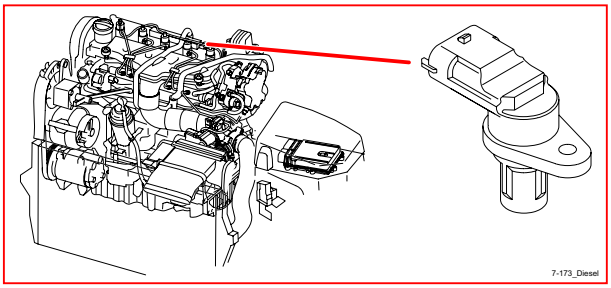
7/172 Position sensor camshaft, intake side 6-Cyl.



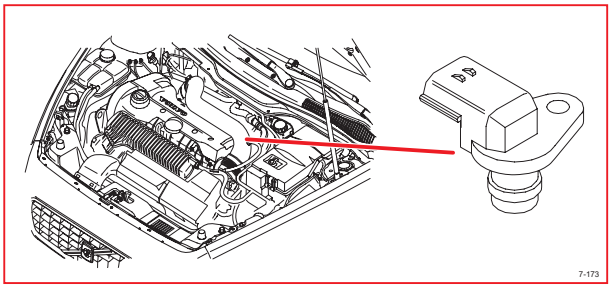
7/172 Intake camshaft position sensor, bank 2, 8-cyl.



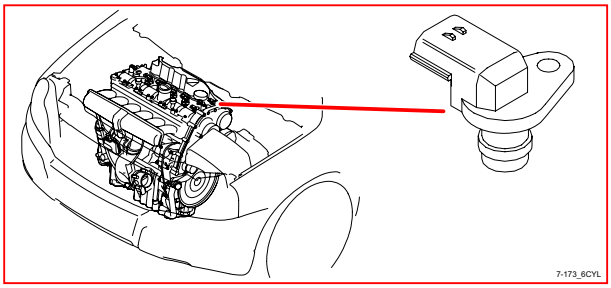
7/173 Camshaft position sensor, exhaust side, Diesel



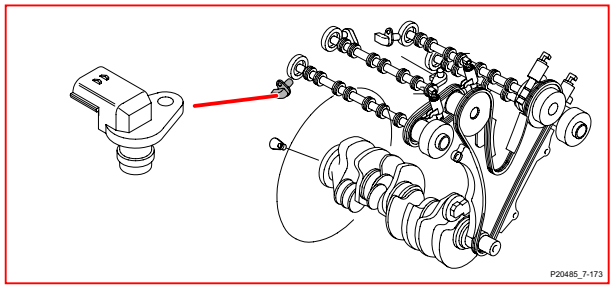
7/173 Position sensor camshaft, outlet side 5-Cyl.



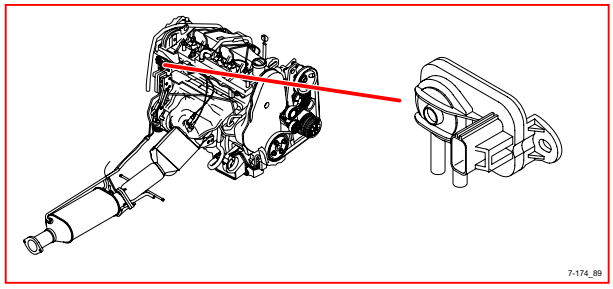
7/173 Position sensor camshaft, outlet side 6-Cyl.



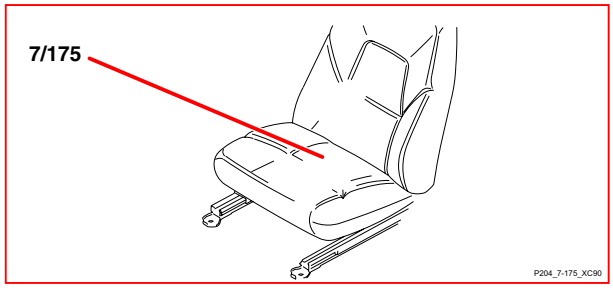
7/173 Exhaust camshaft position sensor, bank 2, 8-cyl.



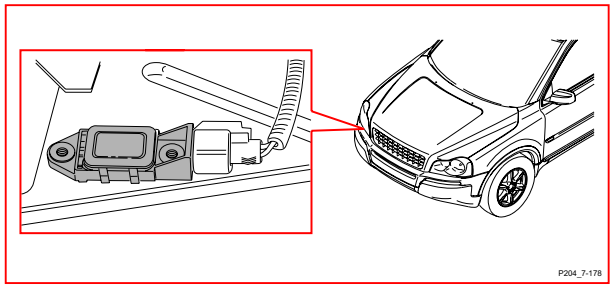
7/174 Differential pressure sensor, particle filter



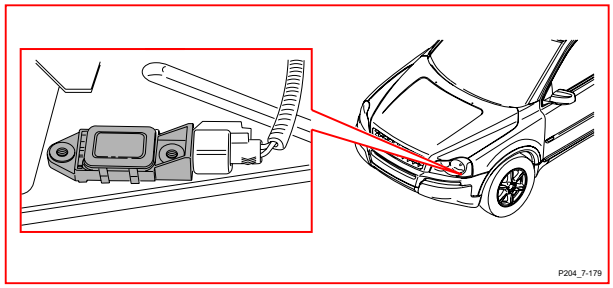
7/175 Weight sensor passenger seat, seat belt reminder



7/178 Front impact sensor, right

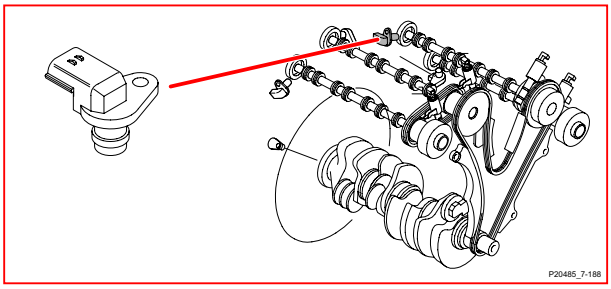


7/179 Front impact sensor, left

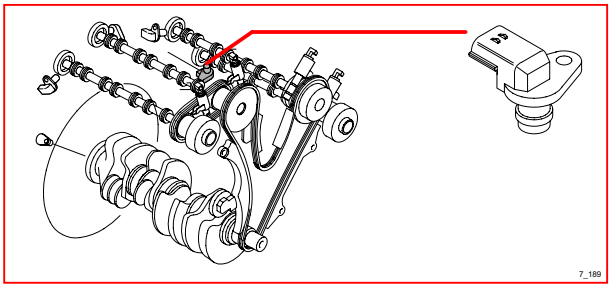


Component illustrations
7/188 8-Cyl. - 8/10 Diesel

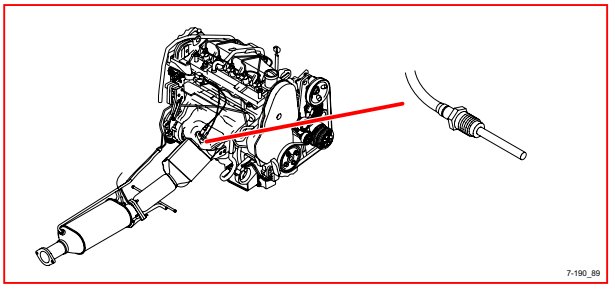
7/188 Intake camshaft position sensor, bank 1, 8-Cyl.



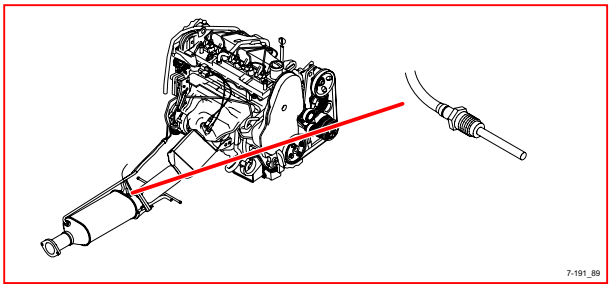
7/189 Exhaust camshaft position sensor, bank 1, 8-Cyl.



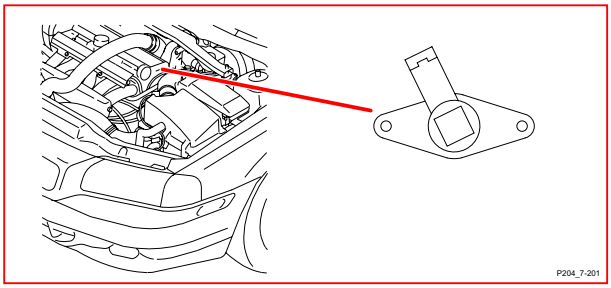
7/190 Temperature sensor, catalytic converter



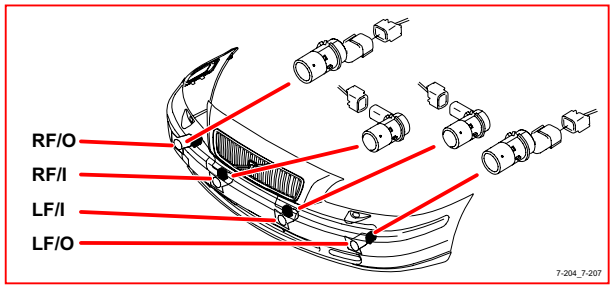
7/191 Temperature sensor, particle filter



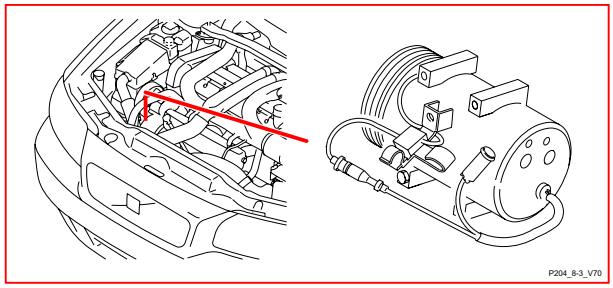
7/201 Pressure and temperature sensor, gas



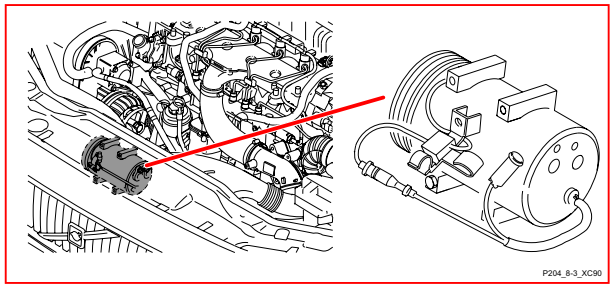
7/204-7/207 Front parking assistance sensor



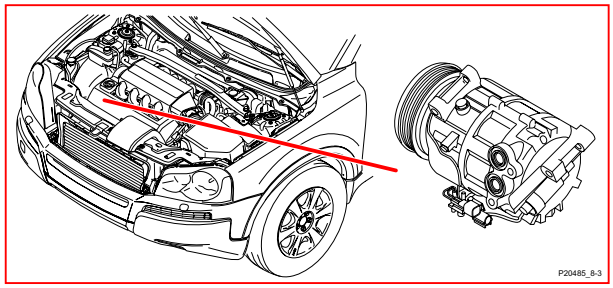
8/3 Electromagnetic clutch, climate control system V70



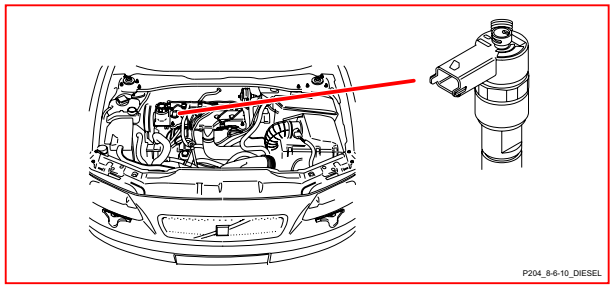
8/3 Electromagnetic clutch, climate control system XC90



8/3 Electromagnetic clutch, climate control system, 8-Cyl.

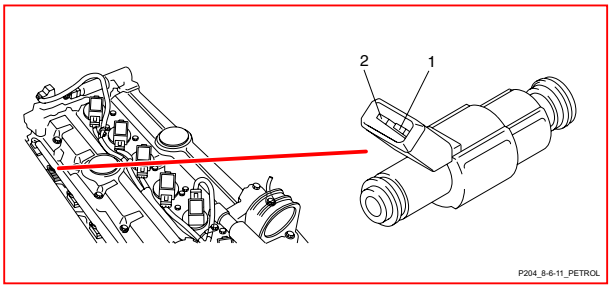


8/6-10 Injectors, Diesel

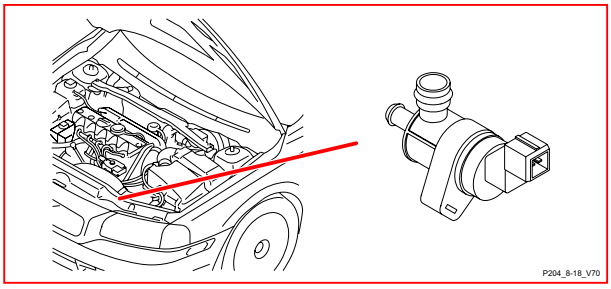


Component illustrations
8/6 Gasoline- 8/22

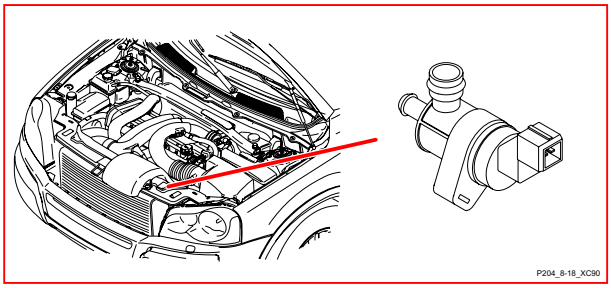
8/6-11 Injectors, Gasoline



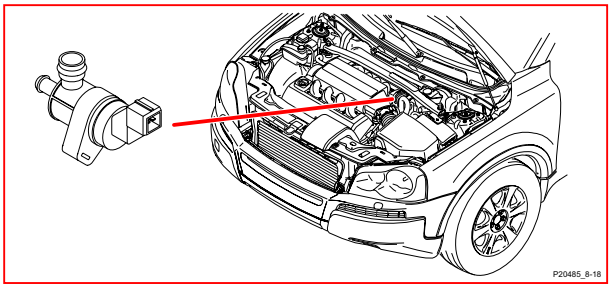
8/18 EVAP valve V70



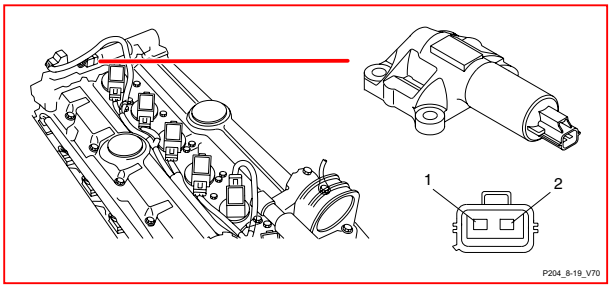
8/18 EVAP valve XC90



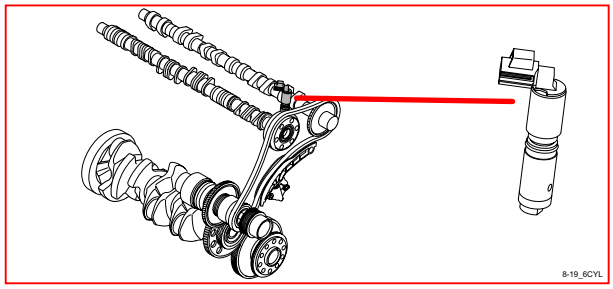
8/18 EVAP valve, 8-Cyl.



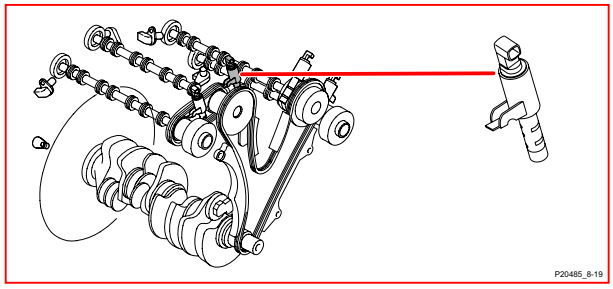
8/19 Solenoid, variable valve timing, intake



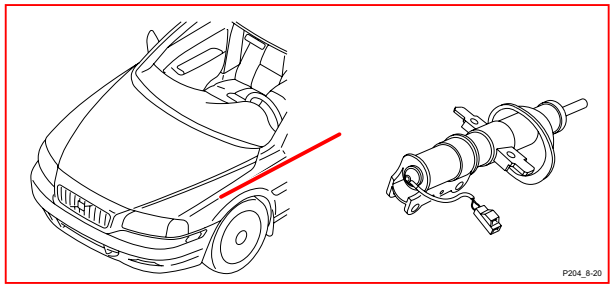
8/19 Solenoid, variable valve timing, intake, 6-cyl.



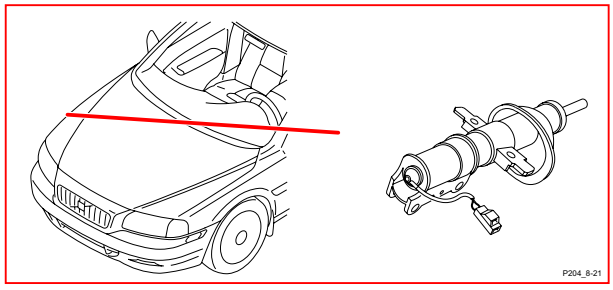
8/19 Solenoid, variable valve timing, intake, bank 2, 8-cyl.



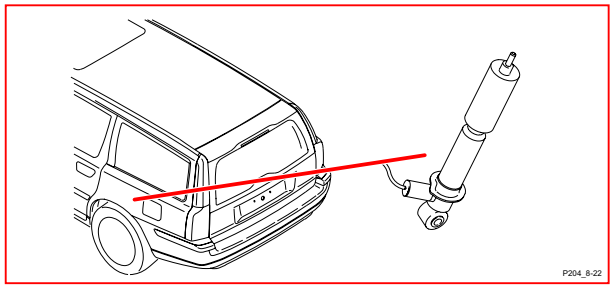
8/20 Shock absorber, Four-C, front left



8/21 Shock absorber, Four-C, front right

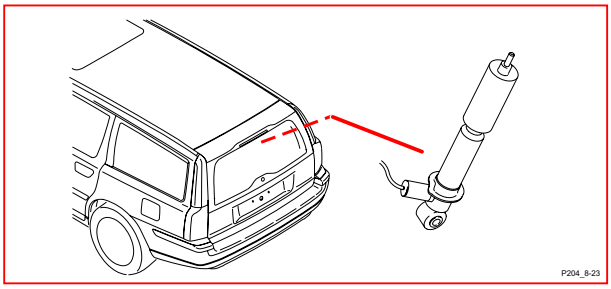


8/22 Shock absorber, Four-C, rear left

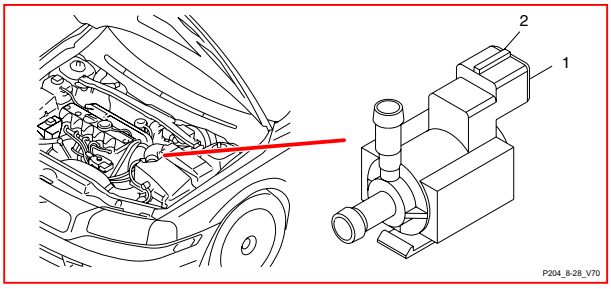


Component illustrations
8/23 - 8/33 XC90

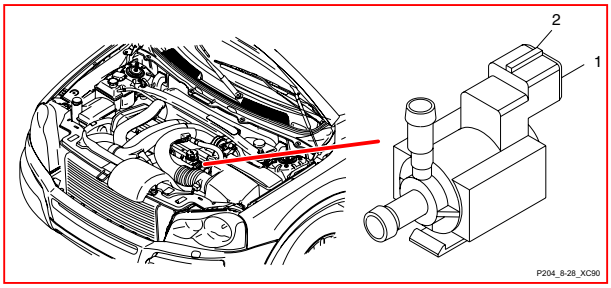
8/23 Shock absorber, Four-C, rear right



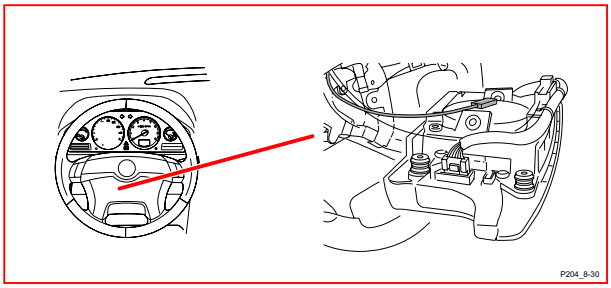
8/28 Turbocharger control valve V70



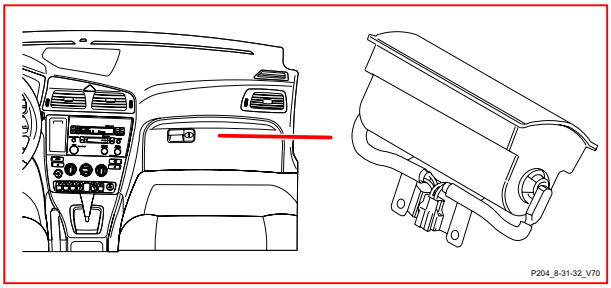
8/28 Turbocharger control valve XC90



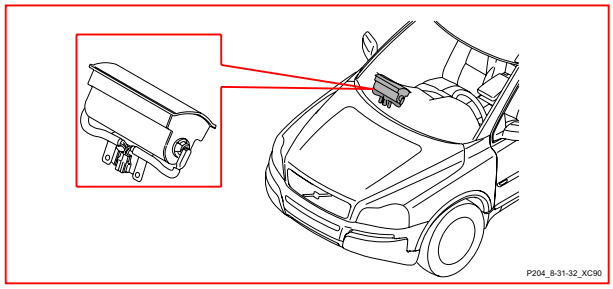
8/30 Airbag igniter, driver's side



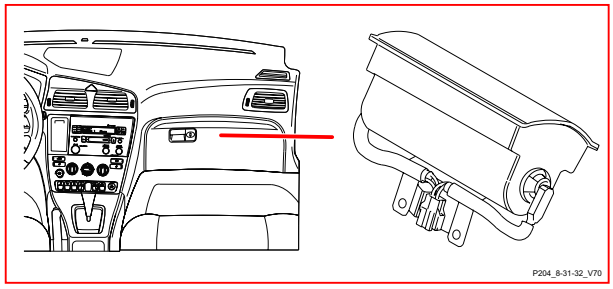
8/31 Igniter, passenger side airbag V70



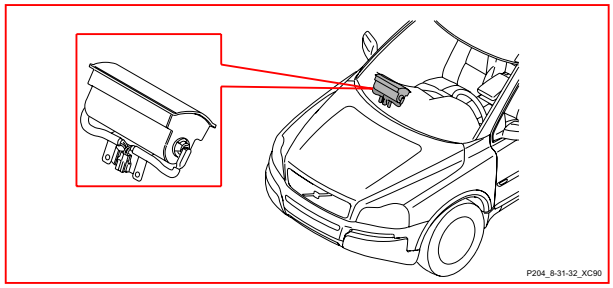
8/31 Igniter, passenger side airbag XC90



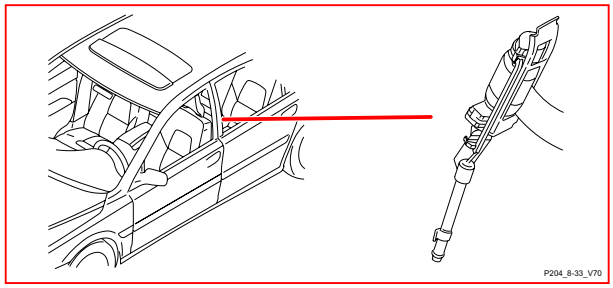
8/32 Igniter, airbag stage 2, passenger side V70



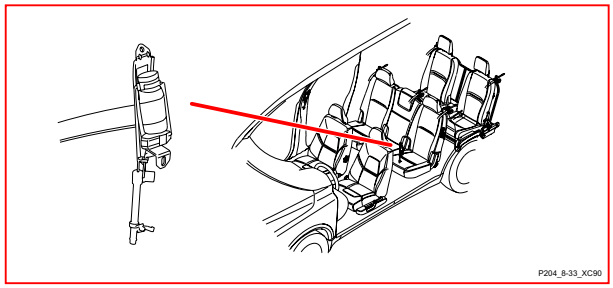
8/32 Igniter passenger side airbag stage 2, XC90



8/33 Front left belt tensioner igniter V70

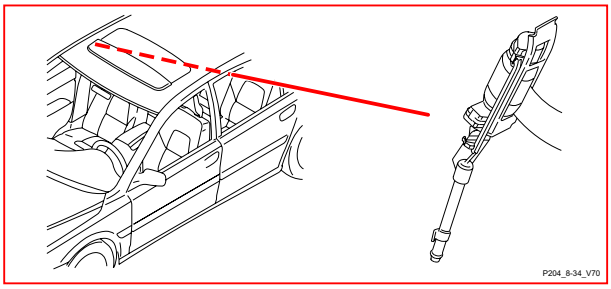


8/33 Front left belt tensioner igniter XC90

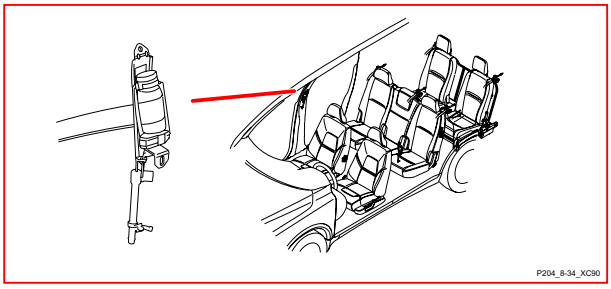


Component illustrations
8/34 V70 - 8/40 AW51

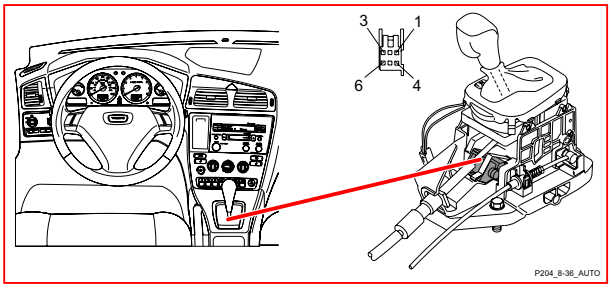
8/34 Front right belt tensioner igniter V70



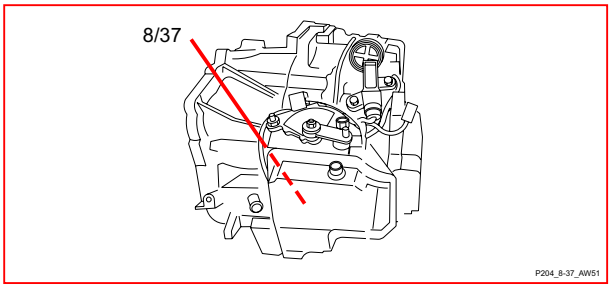
8/34 Front right seat belt tensioner igniter XC90



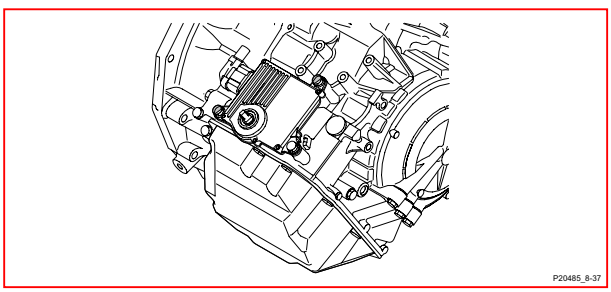
8/36 Solenoid shift lock



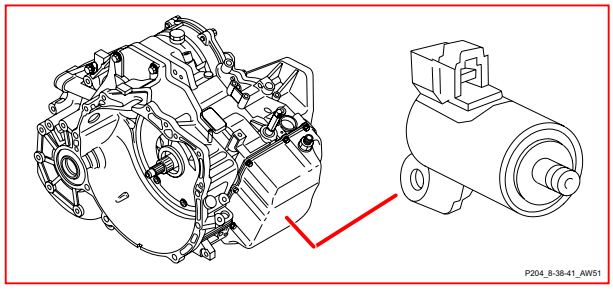
8/37 Automatic transmission AW51



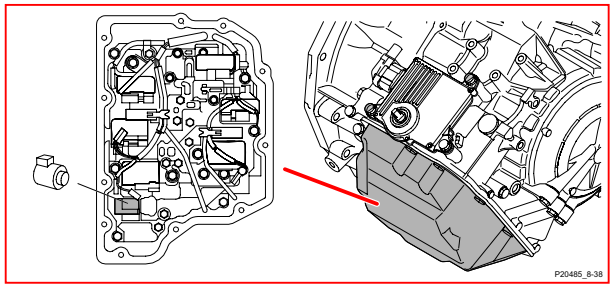
8/37 Automatic transmission TF-80SC



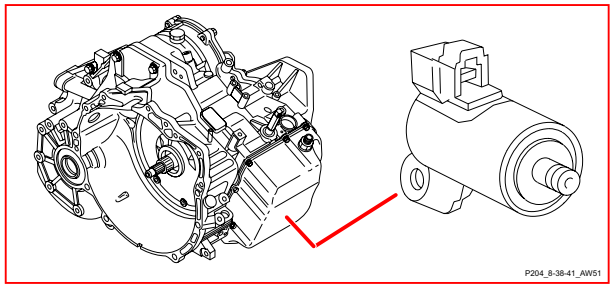
8/38 Shift solenoid 1 AW51



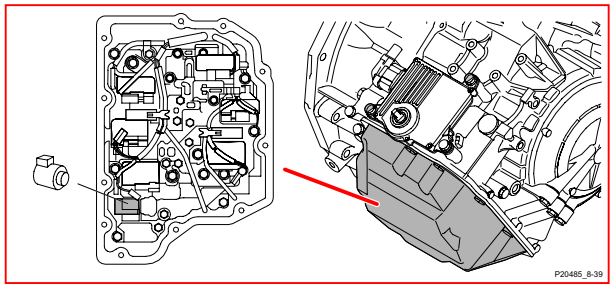
8/38 Shift solenoid 1 TF-80SC



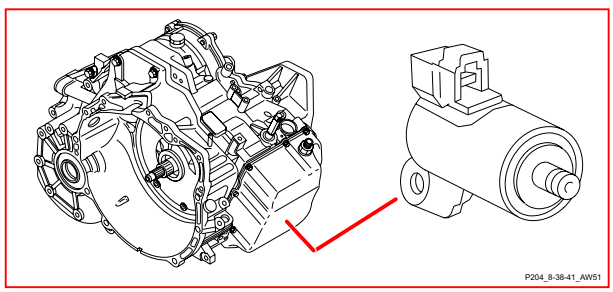
8/39 Shift solenoid 2 AW51



8/39 Shift solenoid 2 TF-80SC

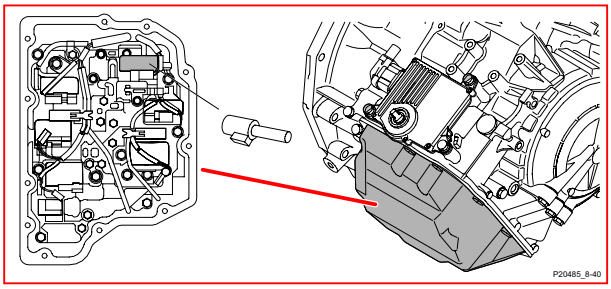


8/40 Lock-up solenoid AW51

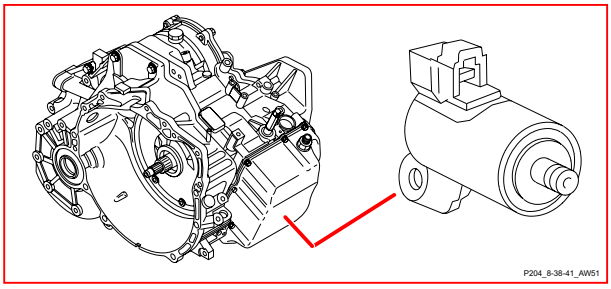


Component illustrations
8/40 TF-80SC - 8/56

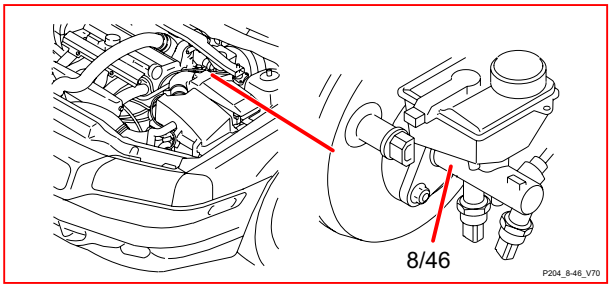
8/40 Lock-up solenoid TF-80SC



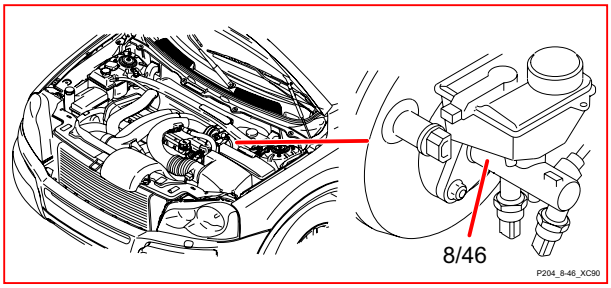
8/41 Pressure solenoid AW51



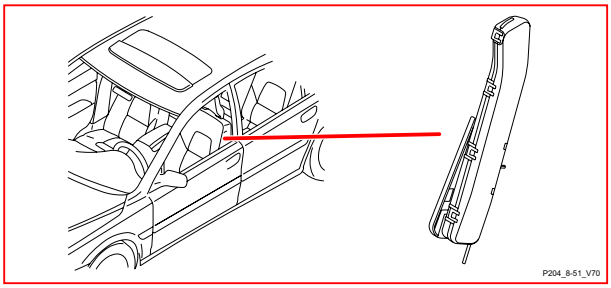
8/46 Activation unit DSTC V70



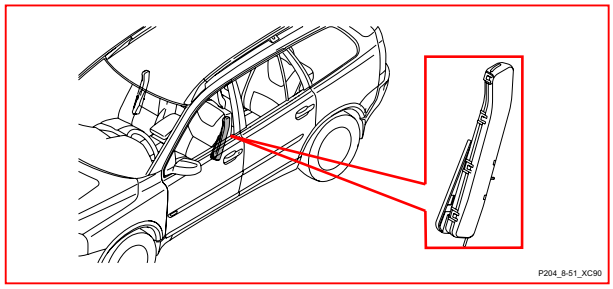
8/46 Activation unit DSTC XC90



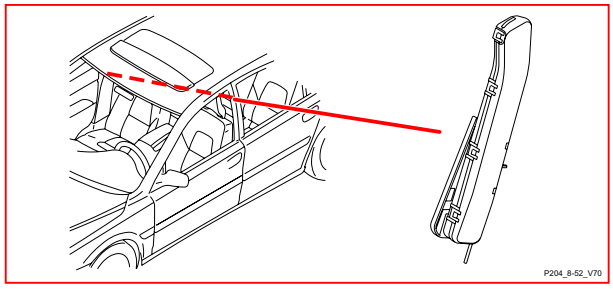
8/51 Front left side airbag igniter V70



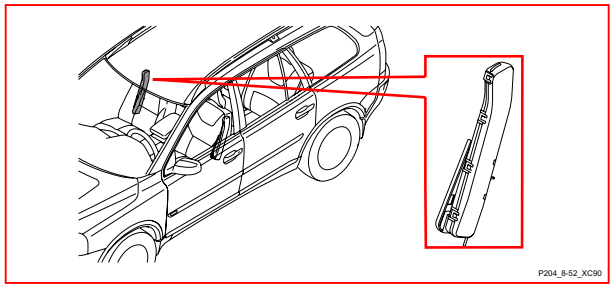
8/51 Front left side airbag igniter XC90



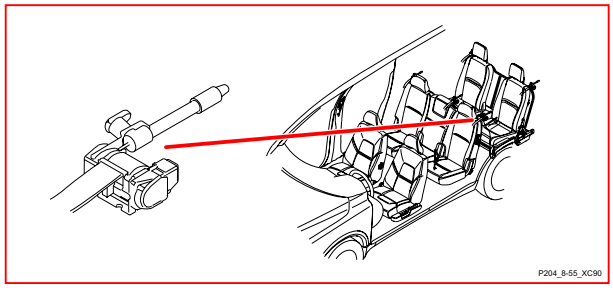
8/52 Front right side airbag igniter V70



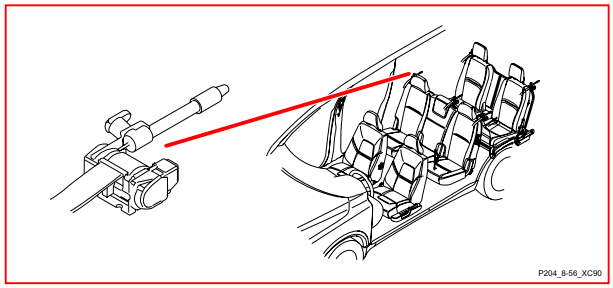
8/52 Front right side airbag igniter XC90



8/55 Igniter, left rear belt tensioner

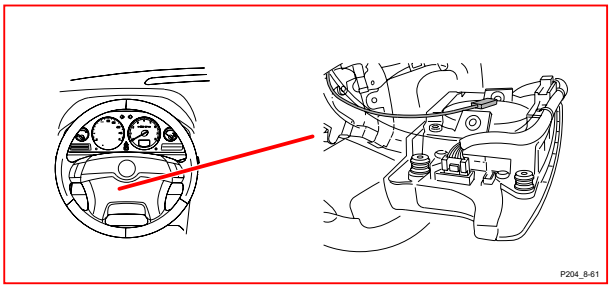


8/56 Igniter, right rear belt tensioner

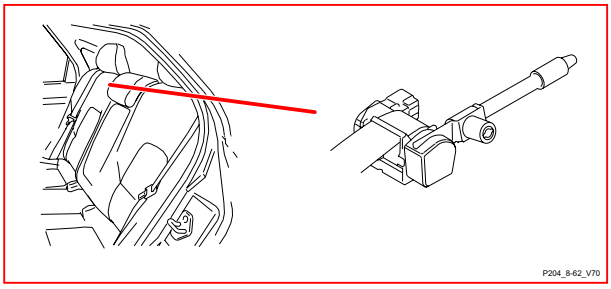


Component illustrations
8/61 - 8/71 AW51

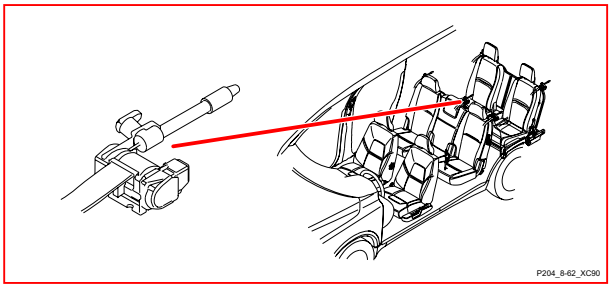
8/61 Igniter, airbag stage 2, driver's side



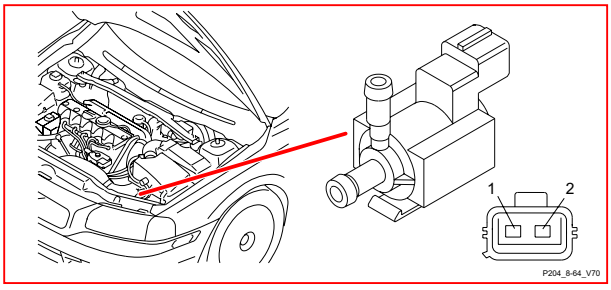
8/62 Belt tensioner igniter, center rear seat V70



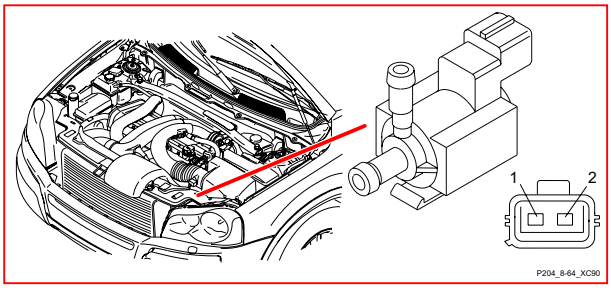
8/62 Belt tensioner igniter, center rear XC90



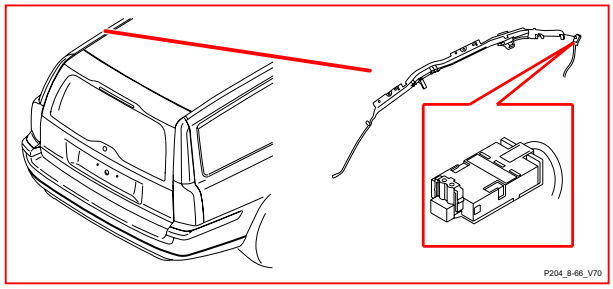
8/64 Solenoid valve, engine pad, Diesel V70



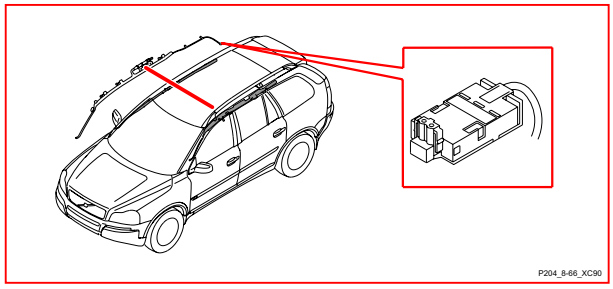
8/64 Solenoid valve, engine pad, Diesel XC90



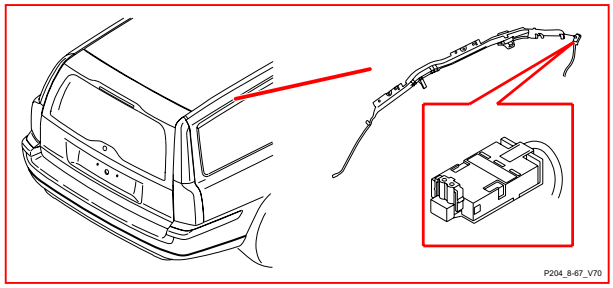
8/66 Left inflatable curtain igniter, V70



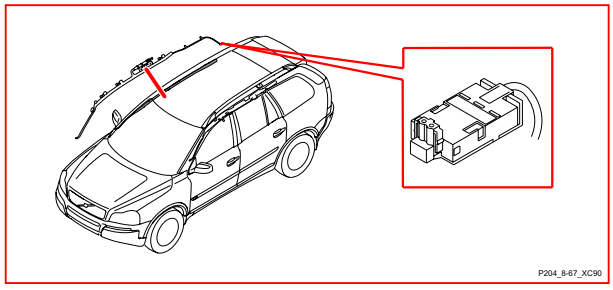
8/66 Left inflatable curtain igniter, XC90



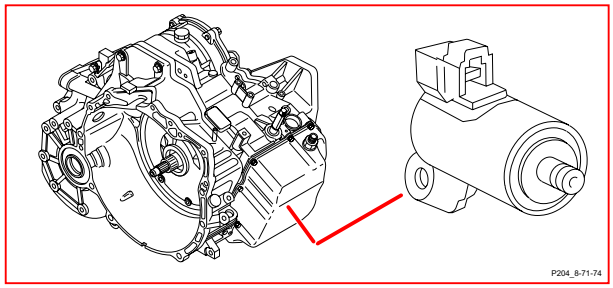
8/67 Right inflatable curtain igniter, V70



8/67 Right inflatable curtain igniter, XC90

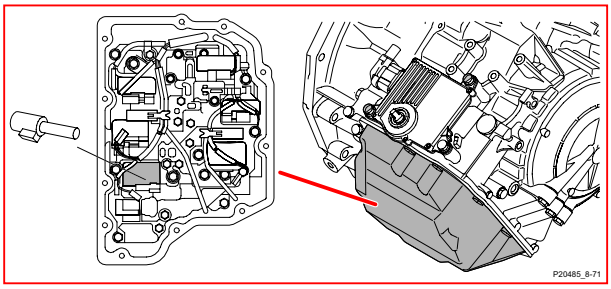


8/71 Throttle solenoid AW51

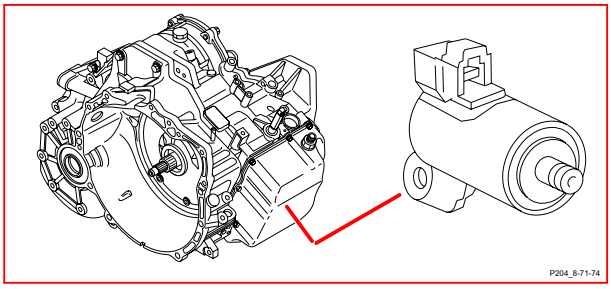


Component illustrations
8/71 TF-80SC - 8/85 XC90

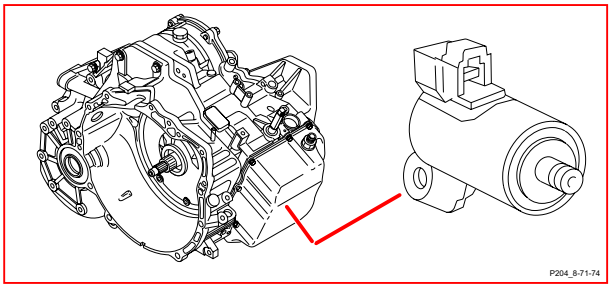
8/71 Throttle solenoid TF-80SC



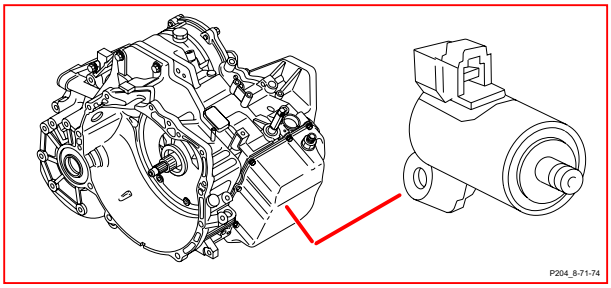
8/72 Shift solenoid 3 AW51



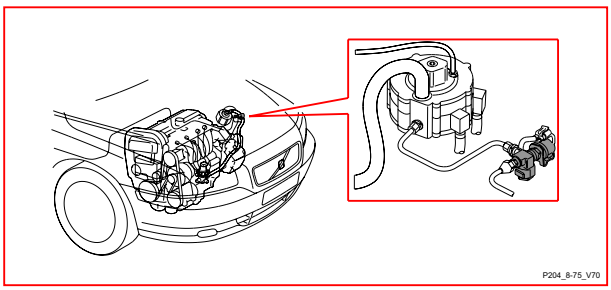
8/73 Shift solenoid 4 AW51



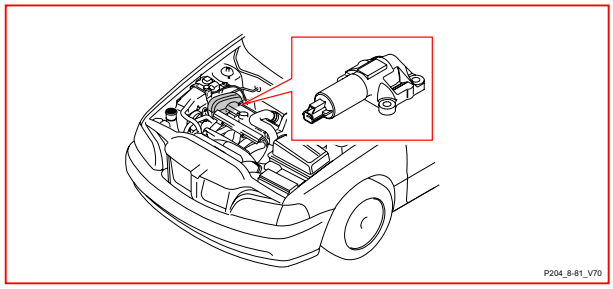
8/74 Shift solenoid 5 AW51



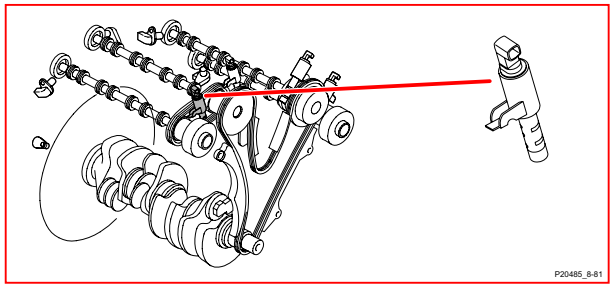
8/75 Valve, fuel cut-off DFCO



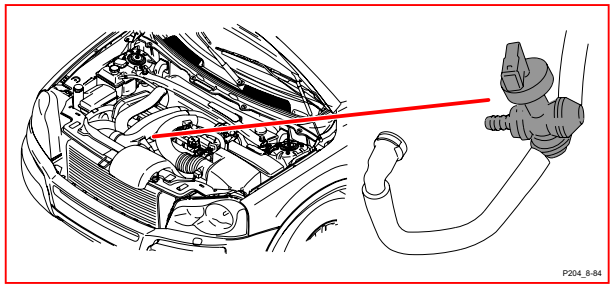
8/81 Solenoid, variable valve timing outlet



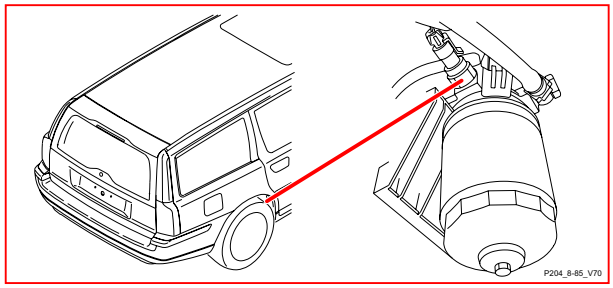
8/81 Solenoid, variable valve timing, exhaust, bank 2, 8-cyl.



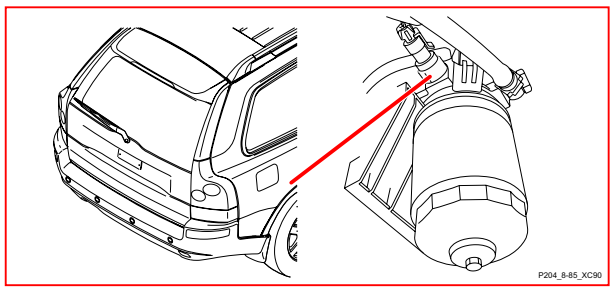
8/84 Switch, vacuum pump



8/85 Thermostatic switch and fuel filter heating V70

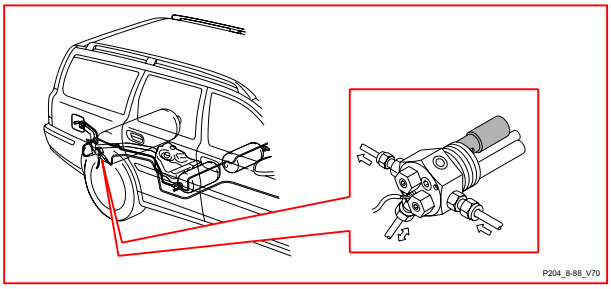


8/85 Thermostatic switch and fuel filter heating XC90

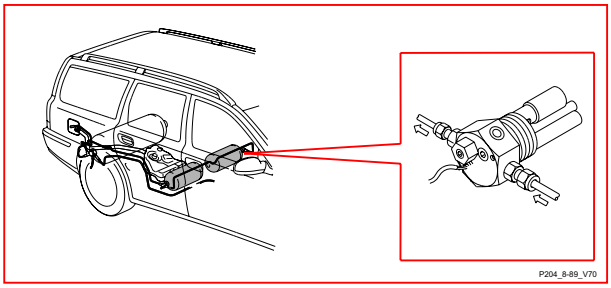


Component illustrations
8/88 - 8/107

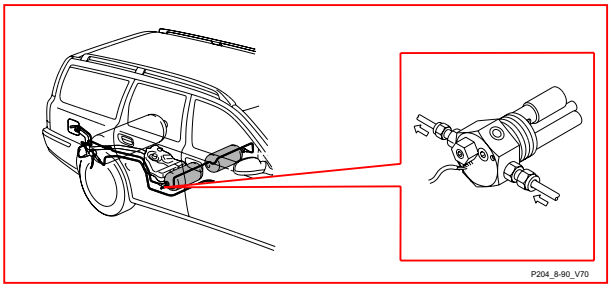
8/88 Solenoid, fuel tank, Bi-Fuel, rear



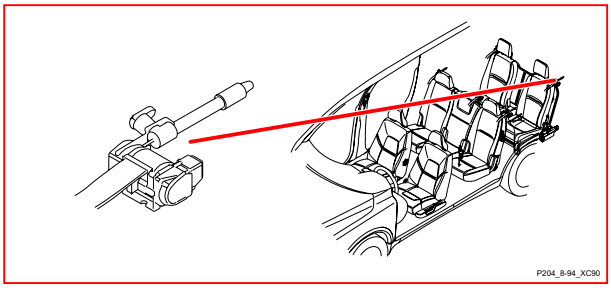
8/89 Solenoid, fuel tank, Bi-Fuel, front left



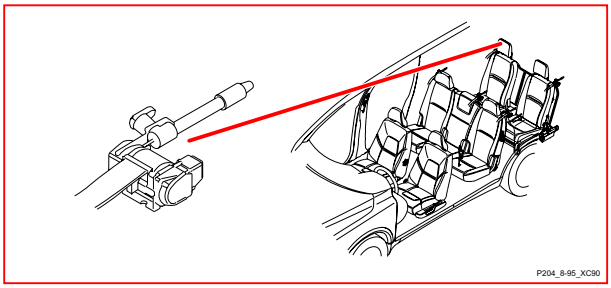
8/90 Solenoid, fuel tank, Bi-Fuel, front right



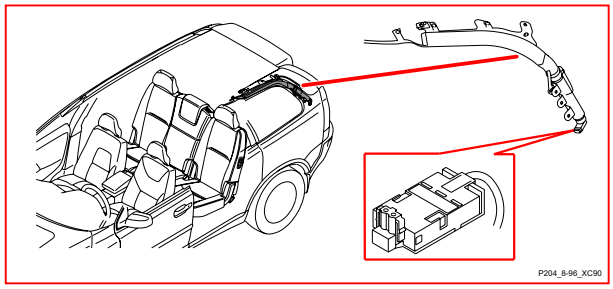
8/94 Left belt tensioner igniter, third row of seats



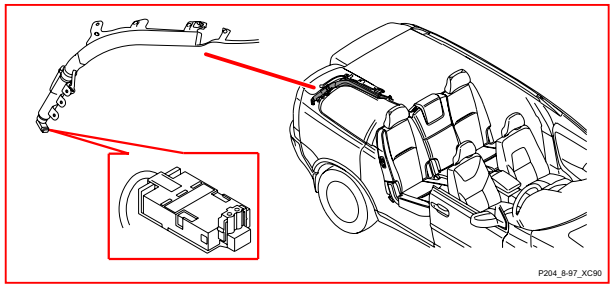
8/95 Right belt tensioner igniter, third row of seats



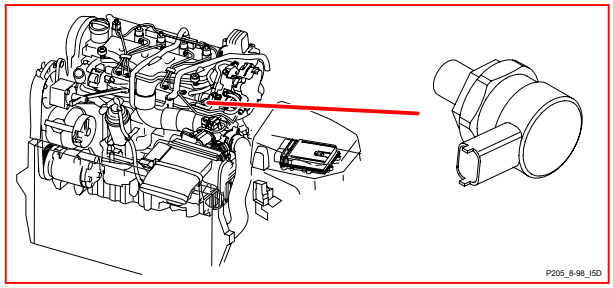
8/96 Left inflatable curtain igniter, third row of seats



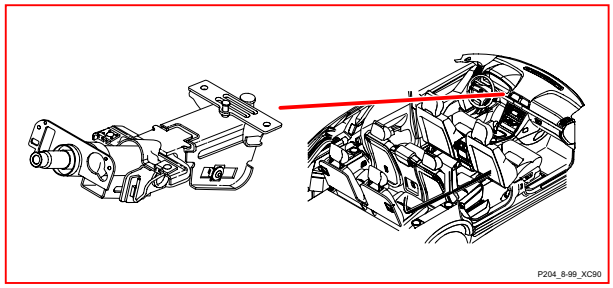
8/97 Right-hand inflatable curtain igniter, third row of seats



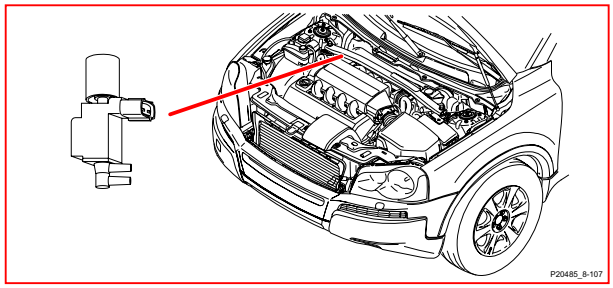
8/98 Fuel pressure control valve, Diesel



8/99 Igniter, steering column

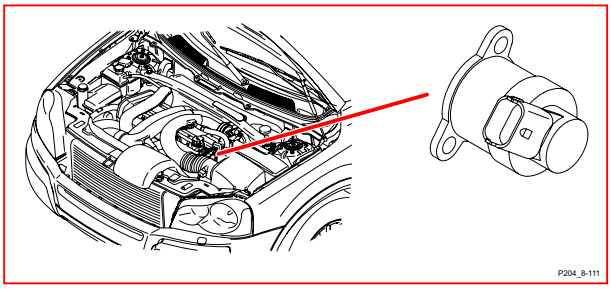


8/107 Valve, variable intake, 8-Cyl.

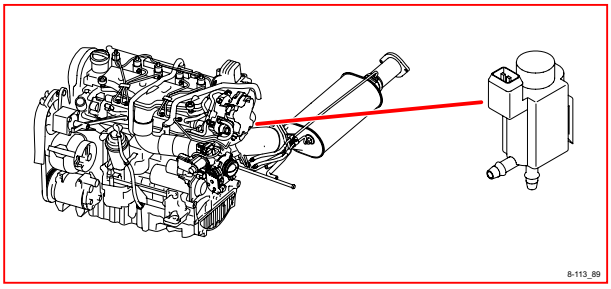


Component illustrations
8/111 - 8/134

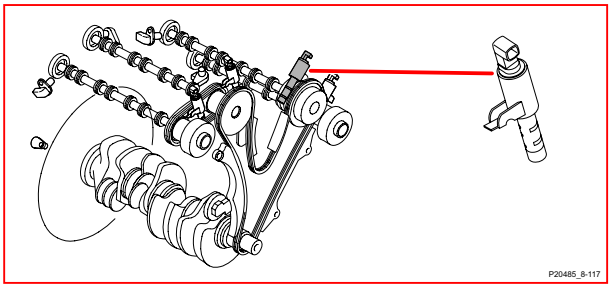
8/111 Fuel flow control valve



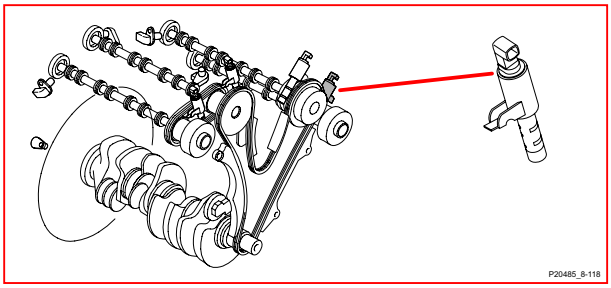
8/113 Bypass valve, EGR cooling



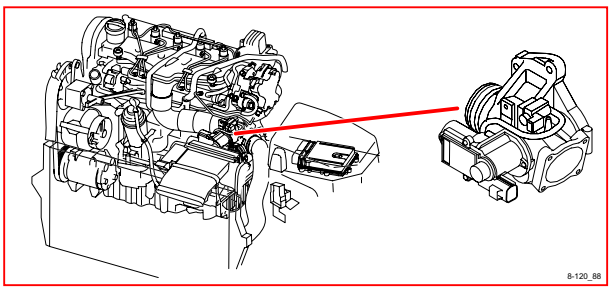
8/117 Solenoid, variable valve timing, intake, bank 1, 8-cyl.



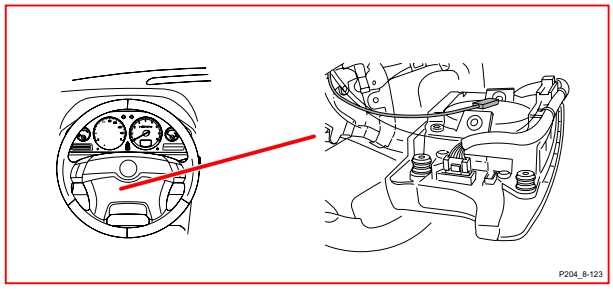
8/118 Solenoid, variable valve timing, exhaust, bank 1, 8-Cyl.



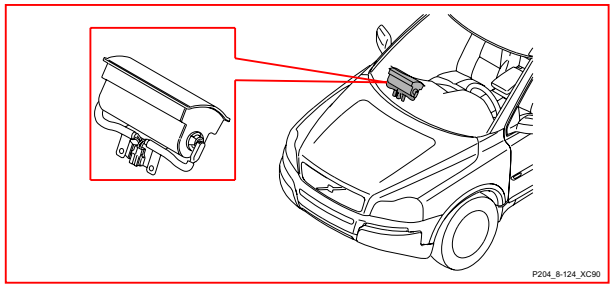
8/120 EGR valve



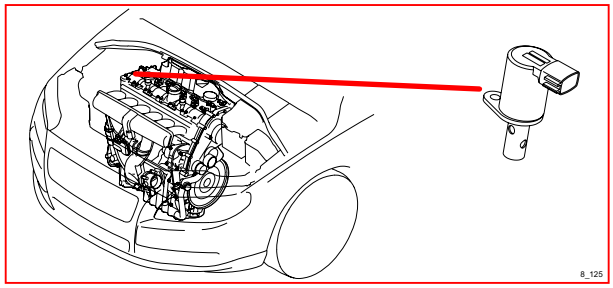
8/123 Igniter, airbag stage 3, driver's side



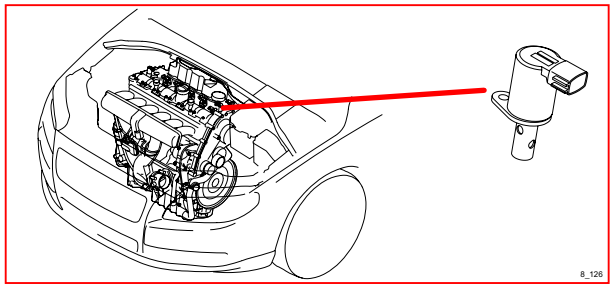
8/124 Igniter, airbag stage 3, passenger side



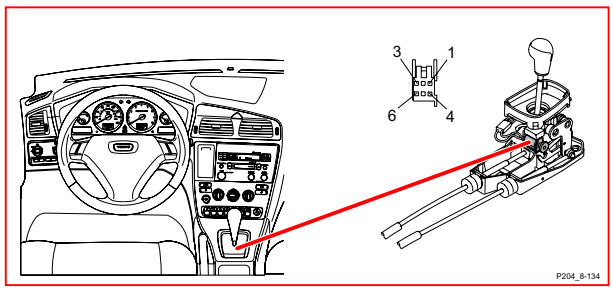
8/125 Solenoid front cam profile



8/126 Solenoid rear cam profile

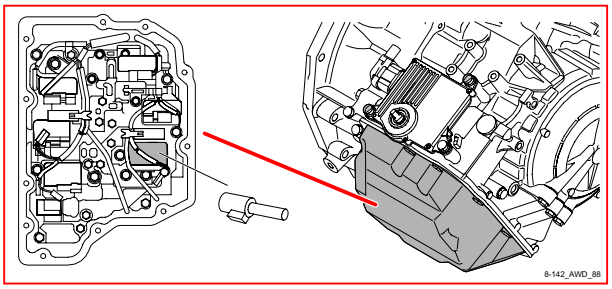


8/134 Solenoid, reverse interlock, manual

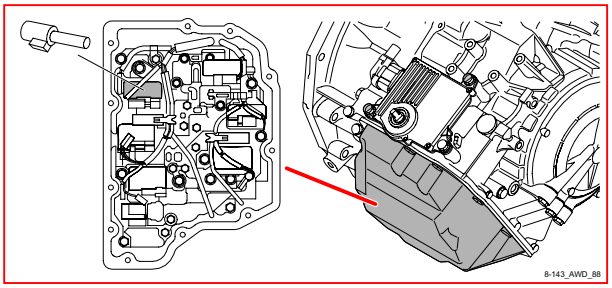


Component illustrations
8/142 TF-80SC - 9/12

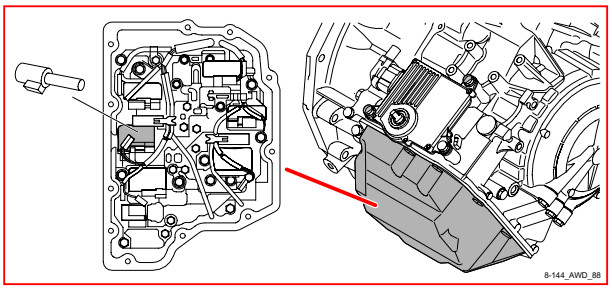
8/142 Linear pressure solenoid SLB1 TF-80SC



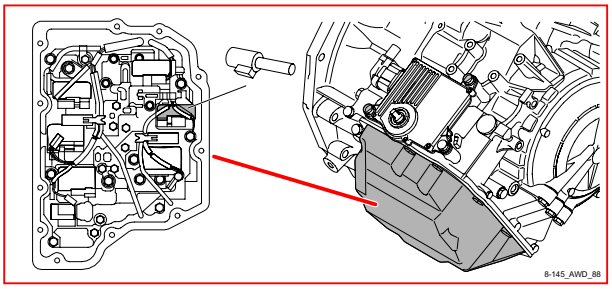
8/143 Linear pressure solenoid SLC1 TF-80SC



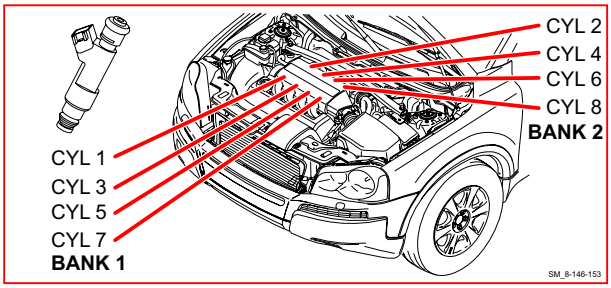
8/144 Linear pressure solenoid SLC2 TF-80SC



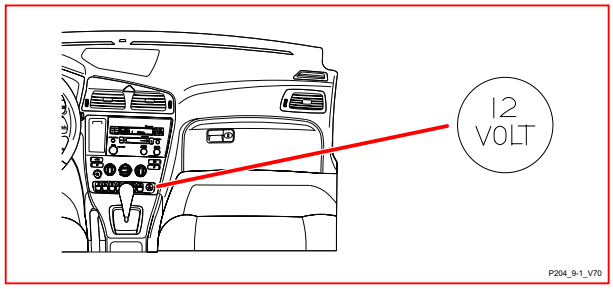
8/145 Linear pressure solenoid SLC3 TF-80SC



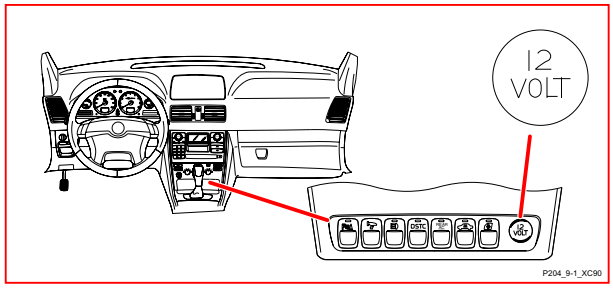
8/146-8/153 Injection valves, 8-Cyl.



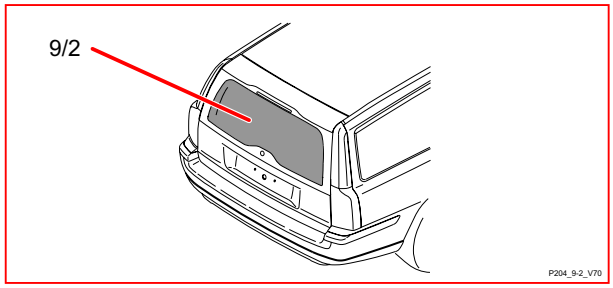
9/1 Outlet 12V front V70



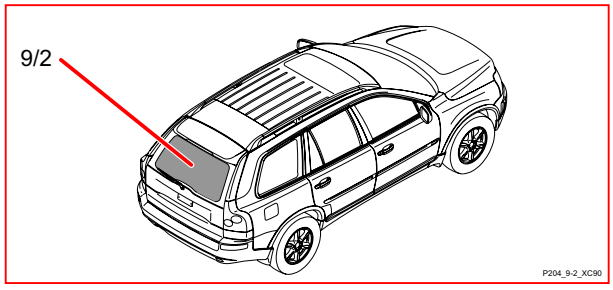
9/1 Outlet 12V front XC90



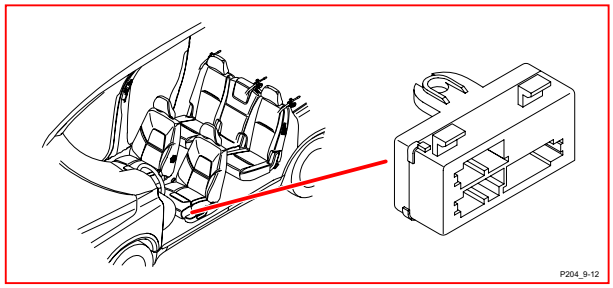
9/2 Heated rear window, V70



9/2 Heated rear window, XC90

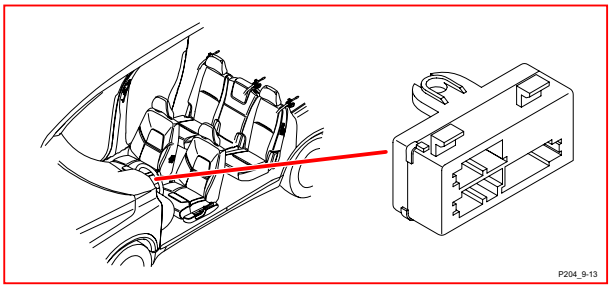


9/12 Seat Heating Module (SHM), left-hand

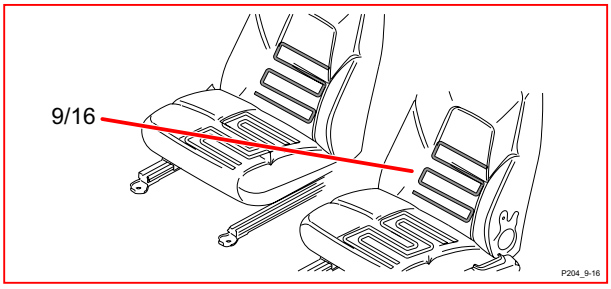


Component illustrations
9/13 - 9/32

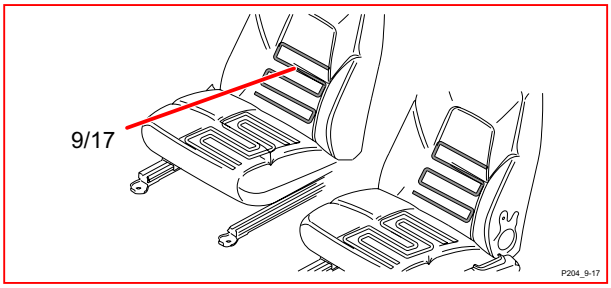
9/13 Seat Heating Module (SHM), right-hand



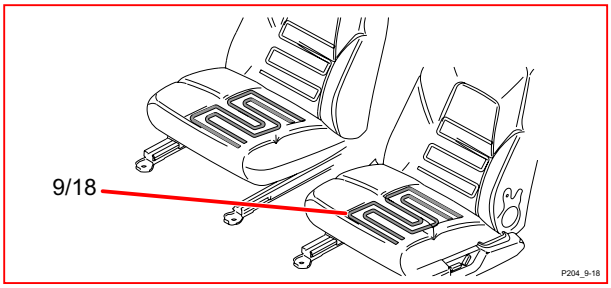
9/16 Left-hand backrest heating element



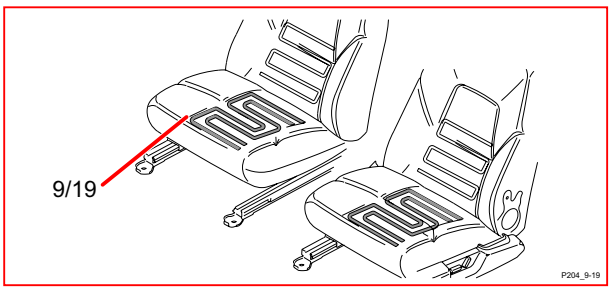
9/17 Right-hand backrest heating element



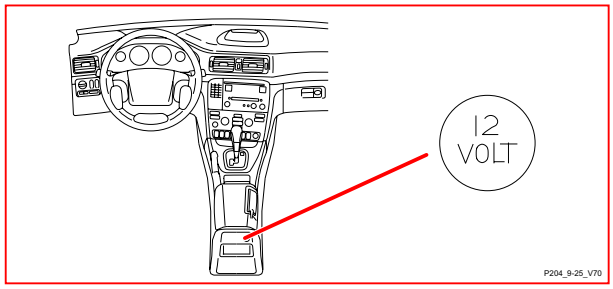
9/18 Left-hand seat heating element



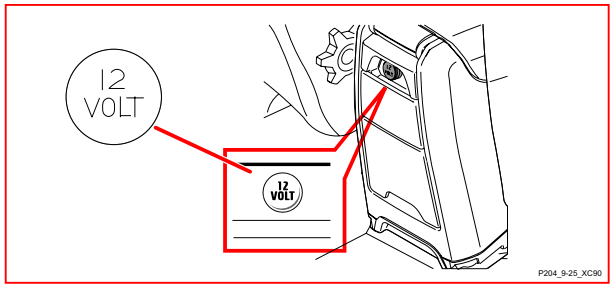
9/19 Right-hand seat heating element



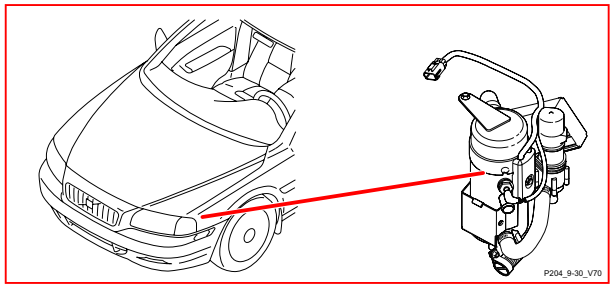
9/25 Outlet 12V rear V70



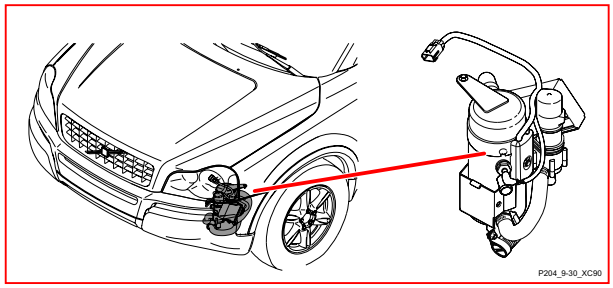
9/25 Outlet 12V rear XC90



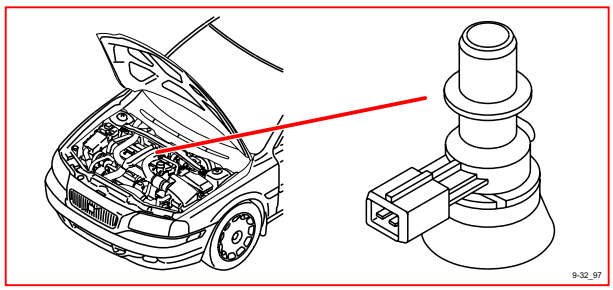
9/30 Auxiliary heater V70



9/30 Auxiliary heater XC90

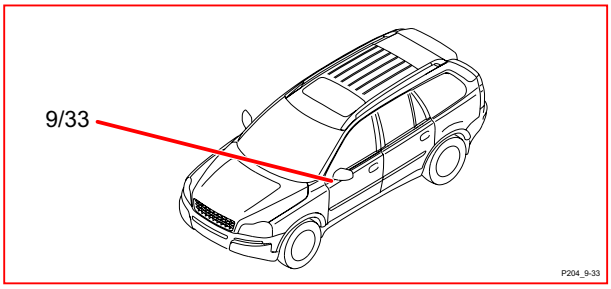


9/32 PTC resistor, crankcase ventilation

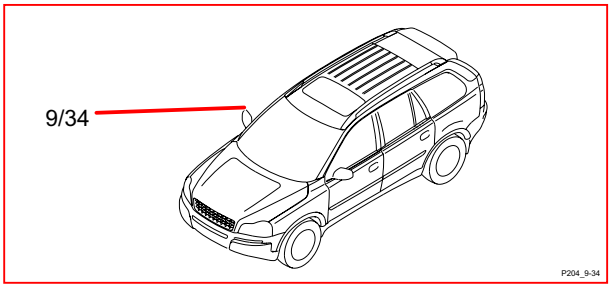


Component illustrations
9/33 - 10/5 XC90

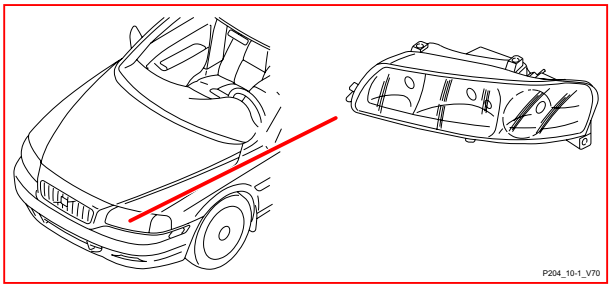
9/33 Left heated exterior rearview mirror



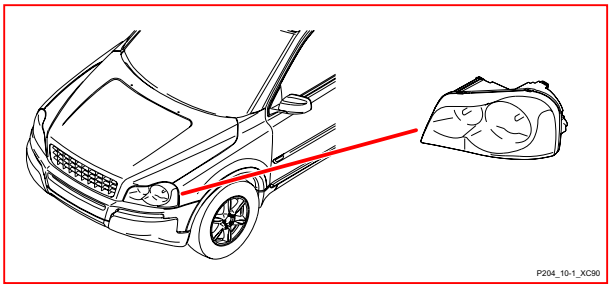
9/34 Right heated exterior rearview mirror



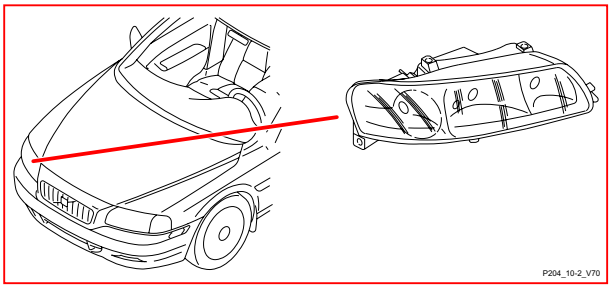
10/1 Left front lamp housing, V70



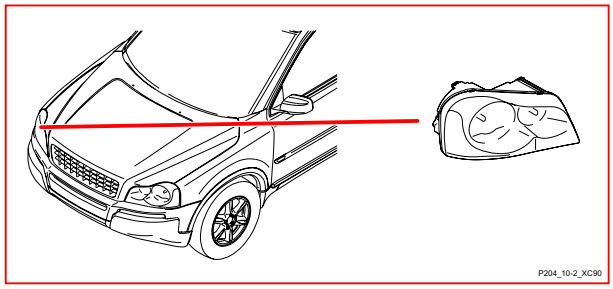
10/1 Left front lamp housing, XC90



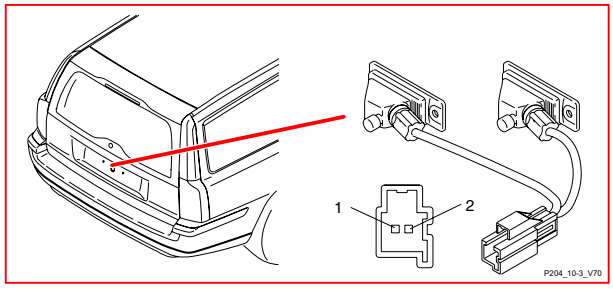
10/2 Front right lamp housing V70



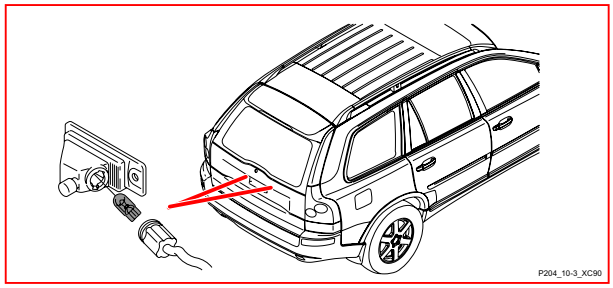
10/2 Right front lamp housing XC90



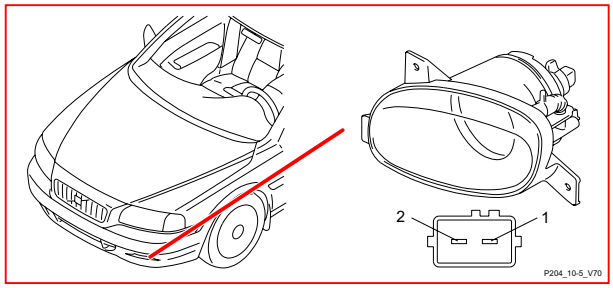
10/3 License plate lighting V70



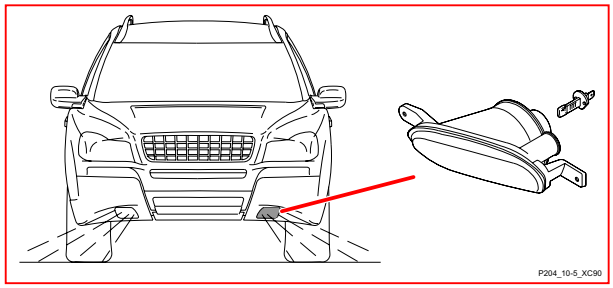
10/3 License plate lighting XC90



10/5 Fog light, front left V70

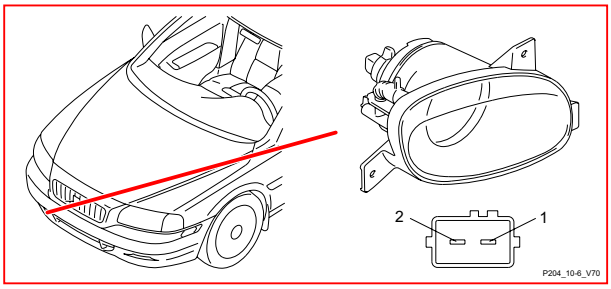


10/5 Fog light, front left XC90

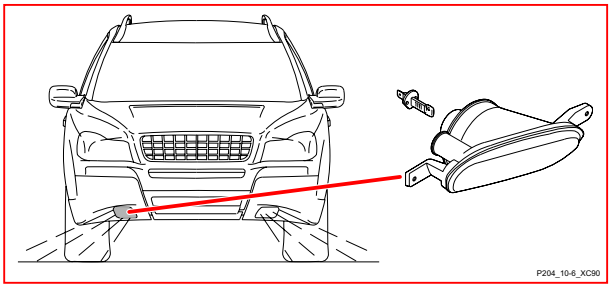


Component illustrations
10/6 V70 - 10/14 XC90

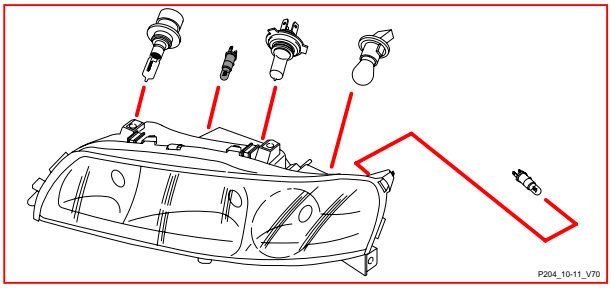
10/6 Fog light, front right V70



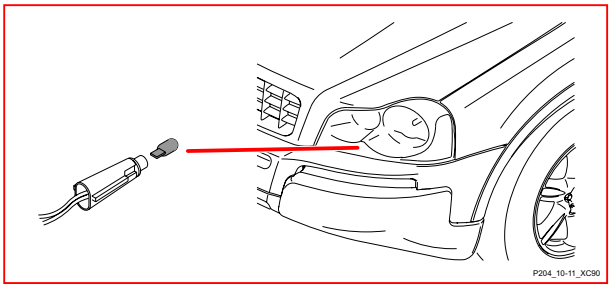
10/6 Fog light, front right XC90



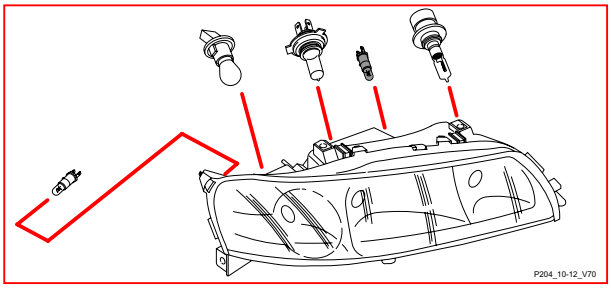
10/11 Running/parking light, front left V70



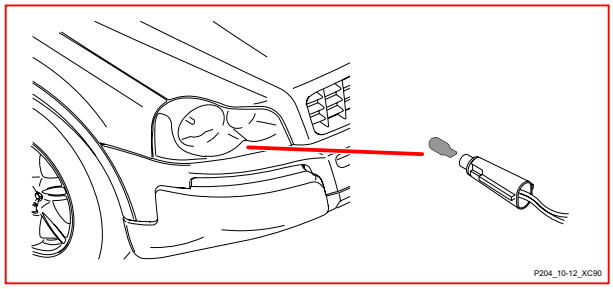
10/11 Running/parking light, front left, XC90



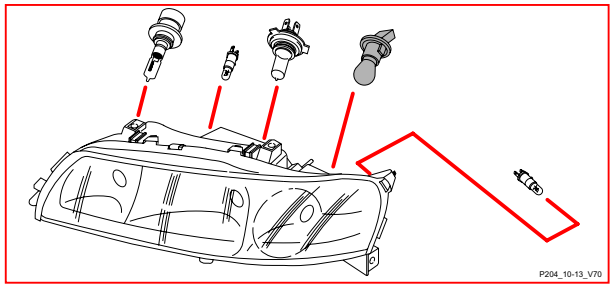
10/12 Running/parking light, front right V70



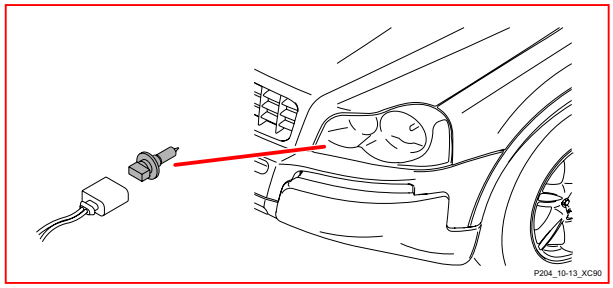
10/12 Running/parking light, front right XC90



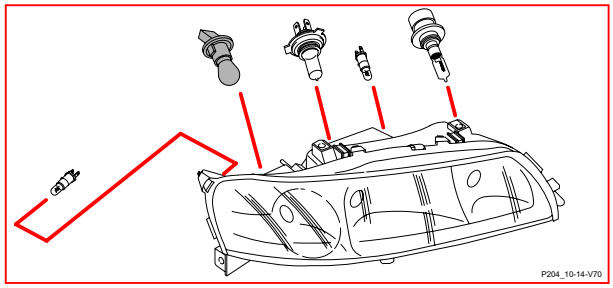
10/13 Direction indicator, front left V70



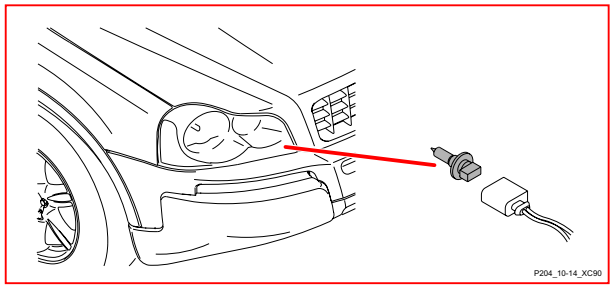
10/13 Direction indicator, front left XC90



10/14 Direction indicator, front right V70

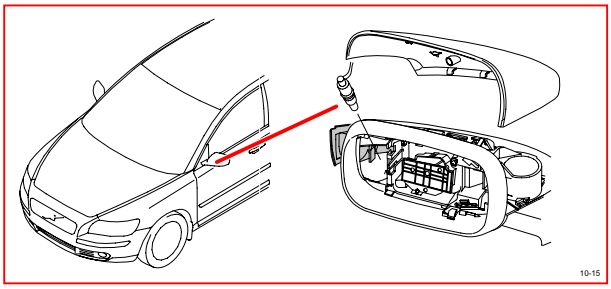


10/14 Direction indicator, front right XC90

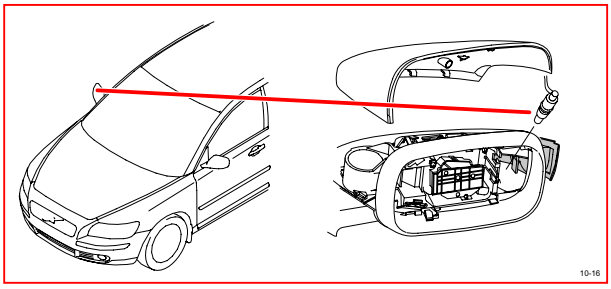


Component illustrations
10/15 - 10/29 V70

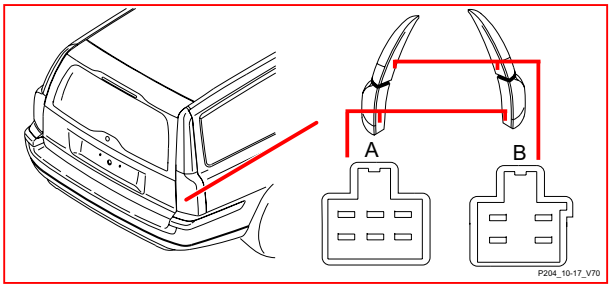
10/15 Direction indicator, left door mirror



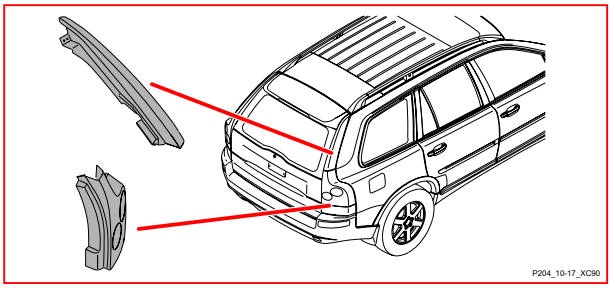
10/16 Direction indicator, right door mirror



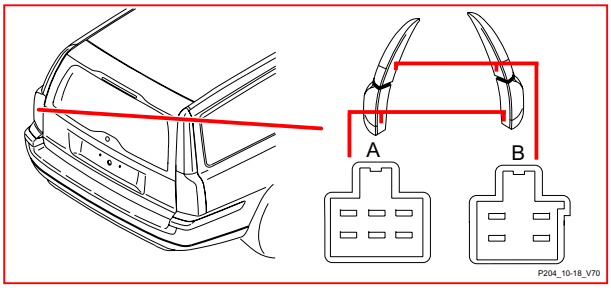
10/17 Lamp housing, rear right V70



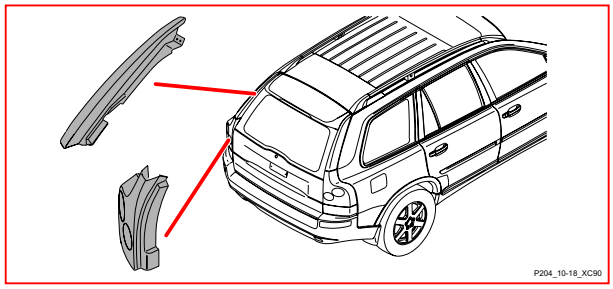
10/17 Lamp housing, rear right XC90



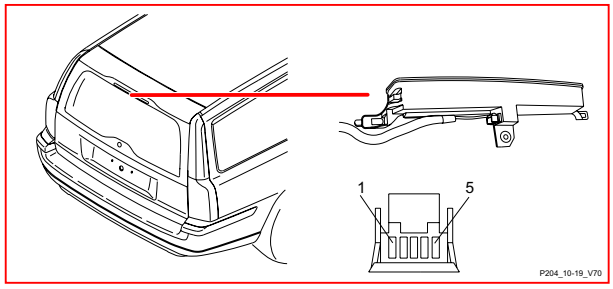
10/18 Lamp housing, rear left V70



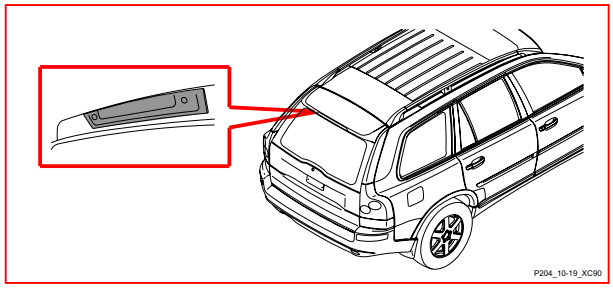
10/18 Lamp housing, rear left XC90



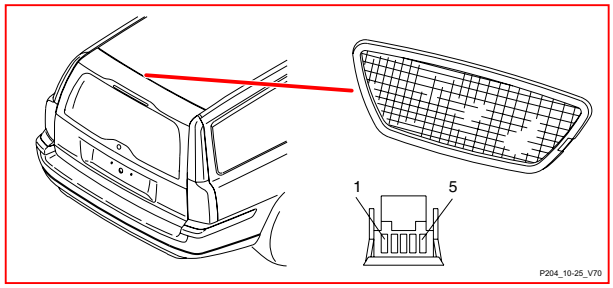
10/19 Auxiliary brake light V70



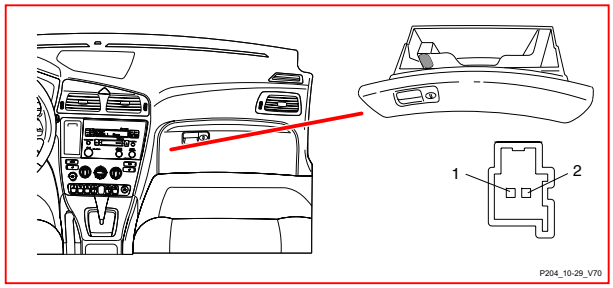
10/19 Auxiliary brake light XC90



10/25 Ceiling light, cargo compartment

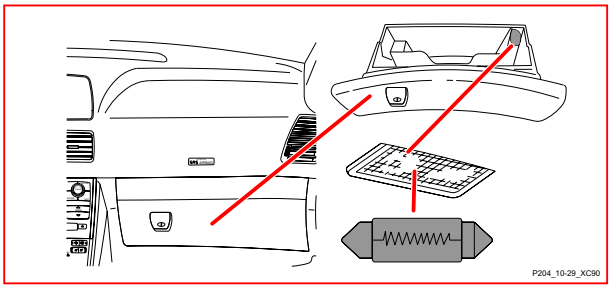


10/29 Glove compartment lighting V70

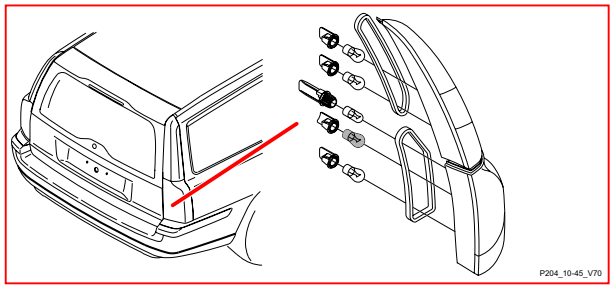


Component illustrations
10/29 XC90 - 10/47 XC90

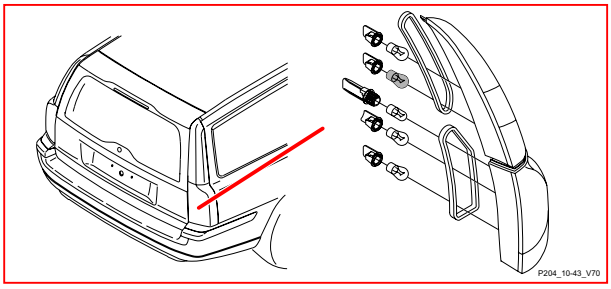
10/29 Glove compartment lighting XC90



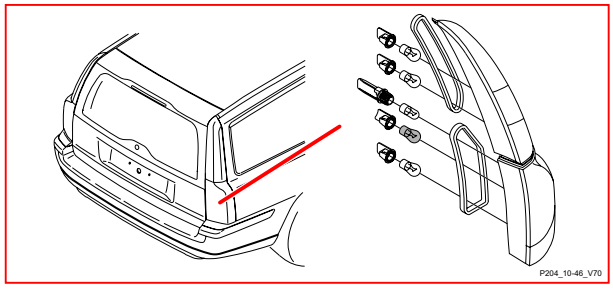
10/45 Tail light 2, right



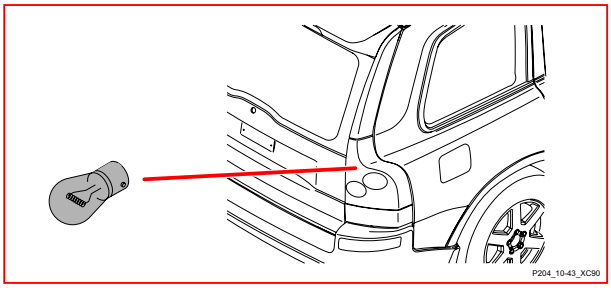
10/43 Right brake light V70



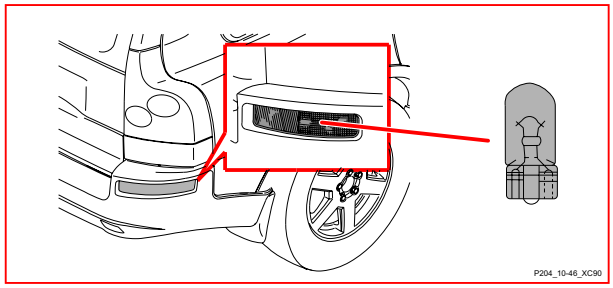
10/46 Fog light, right rear V70



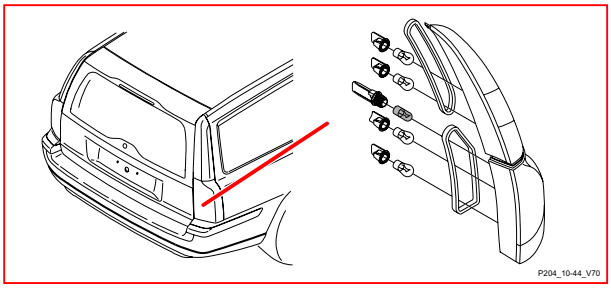
10/43 Right brake light XC90



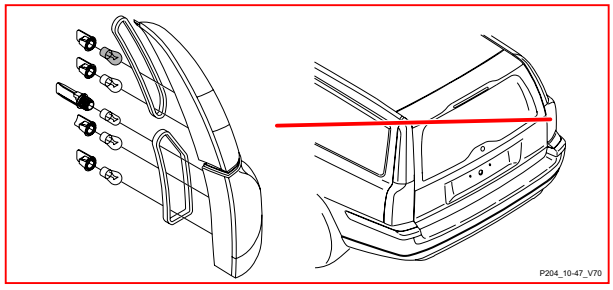
10/46 Fog light, rear right XC90



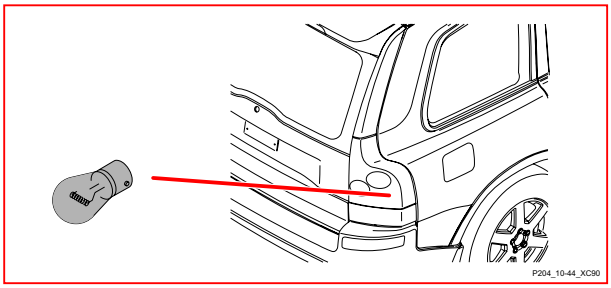
10/44 Tail light 1, right, V70



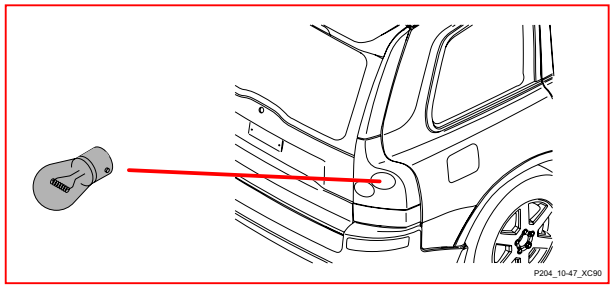
10/47 Direction indicator, right rear V70



10/44 Tail light 1, right XC90

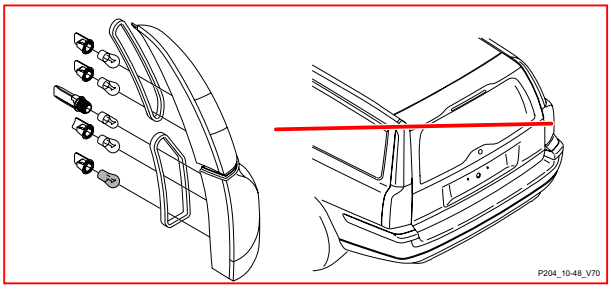


10/47 Direction indicator, rear right, XC90

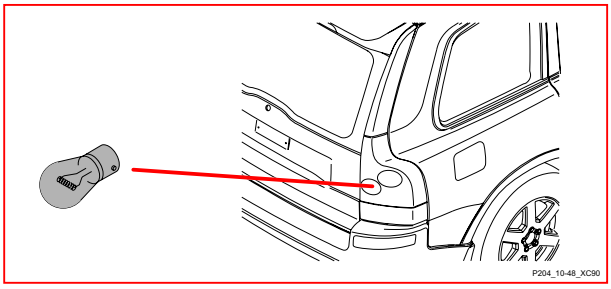


Component illustrations
10/48 V70 - 10/54 V70

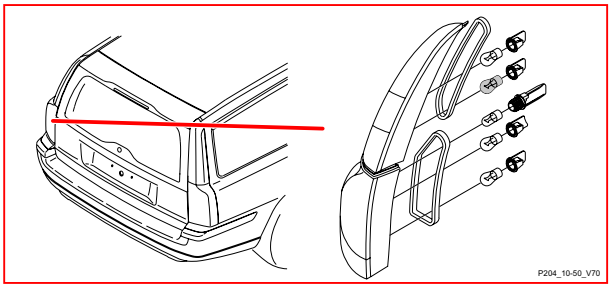
10/48 Right reversing light V70



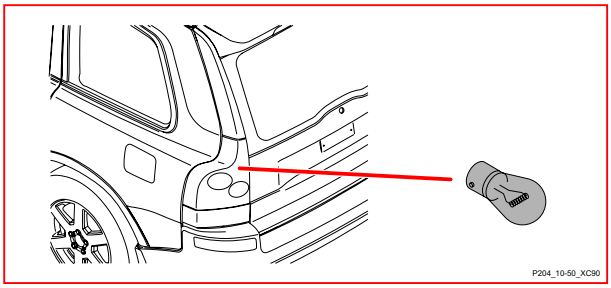
10/48 Right reversing light XC90



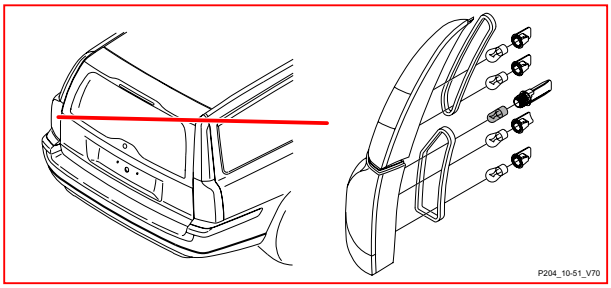
10/50 Left brake light V70



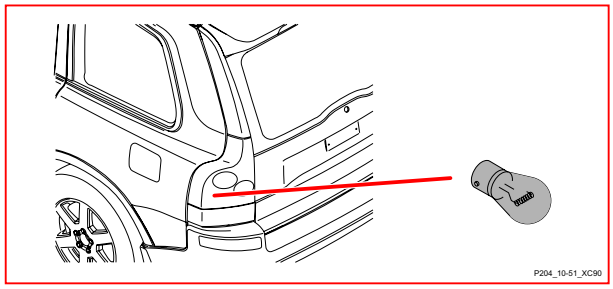
10/50 Left brake light XC90



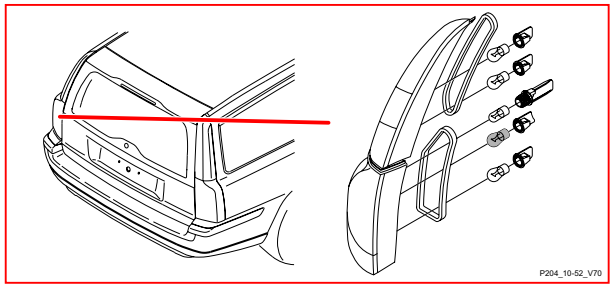
10/51 Tail light 1, left, V70



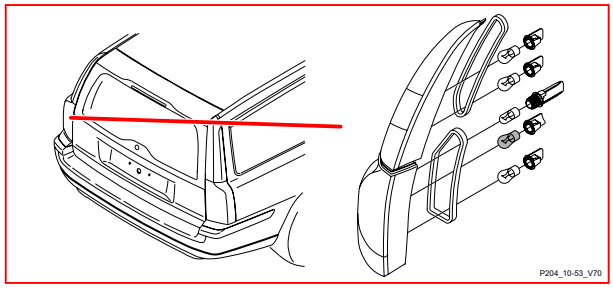
10/51 Tail light 1 left XC90



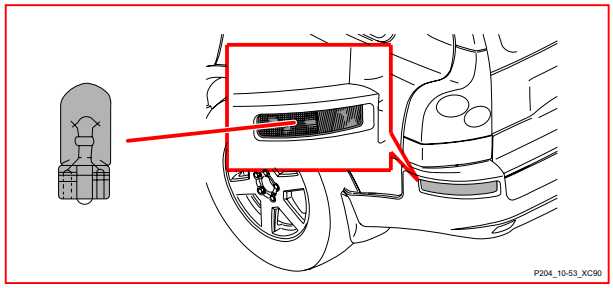
10/52 Tail light 2, left



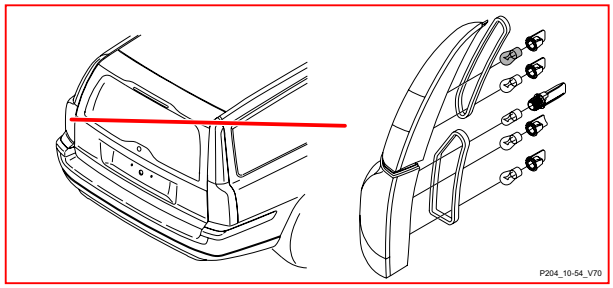
10/53 Fog light, rear left V70



10/53 Fog light, left rear XC90

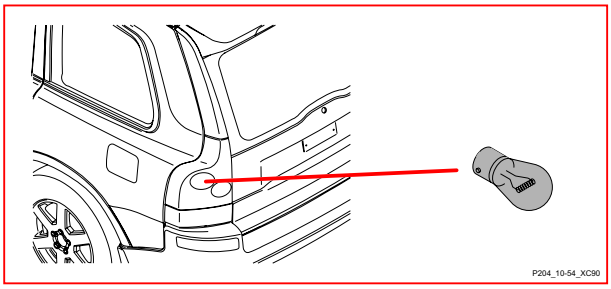


10/54 Direction indicator, rear left V70

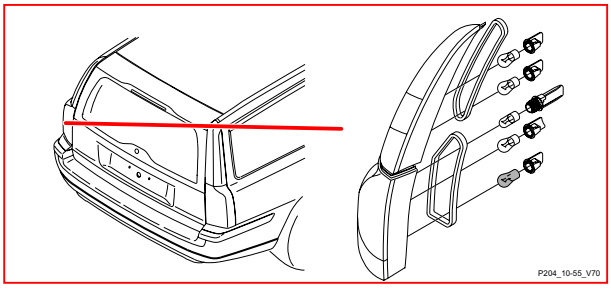


Component illustrations
10/54 XC90 - 10/68 V70

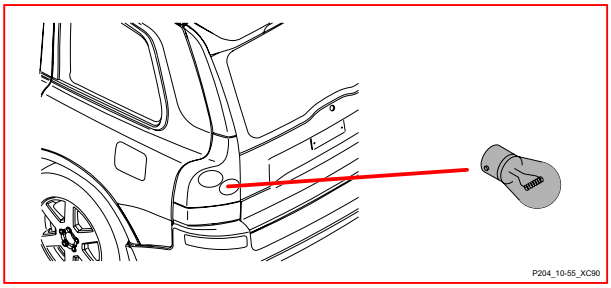
10/54 Direction indicator, rear left, XC90



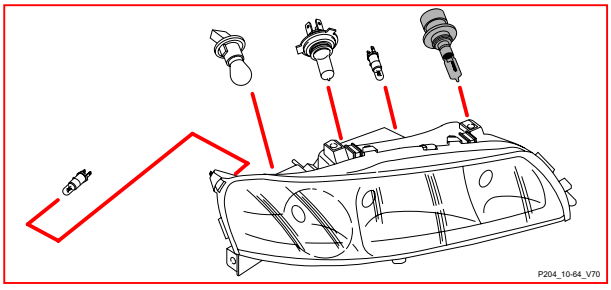
10/55 Left reversing light V70



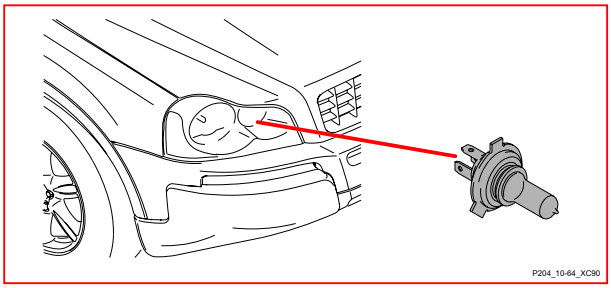
10/55 Left reversing light XC90



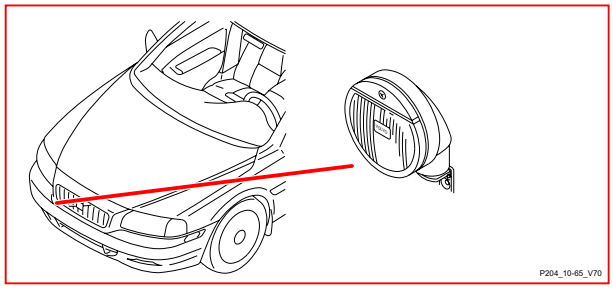
10/64 Right high beam V70



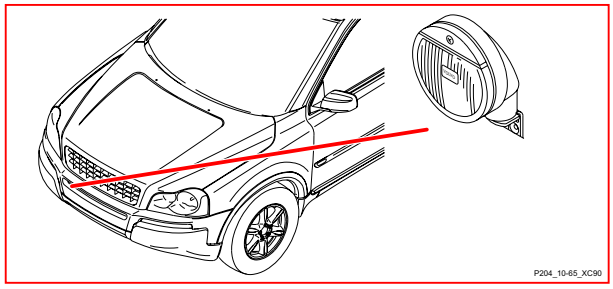
10/64 Right high beam XC90



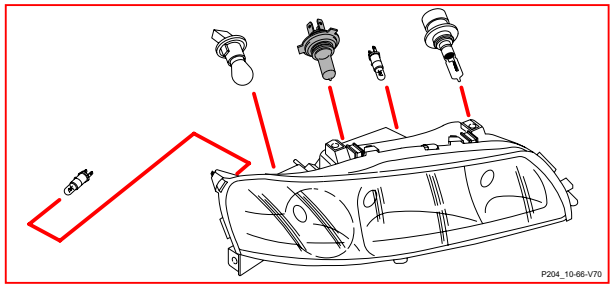
10/65 Auxiliary light, front right V70



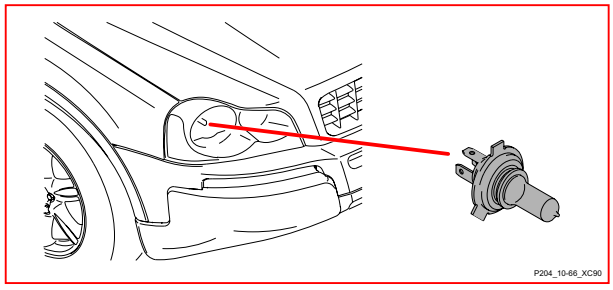
10/65 Auxiliary light, front right XC90



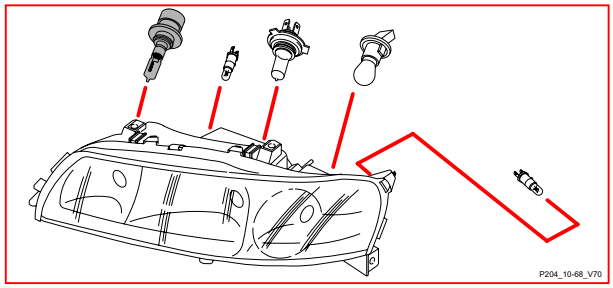
10/66 Right low beam V70



10/66 Right low beam XC90

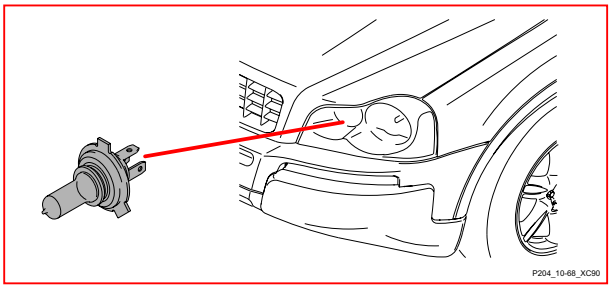


10/68 Left high beam V70

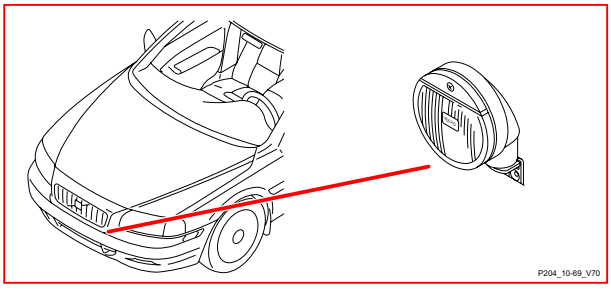


Component illustrations
10/68 XC90 - 10/114 V70

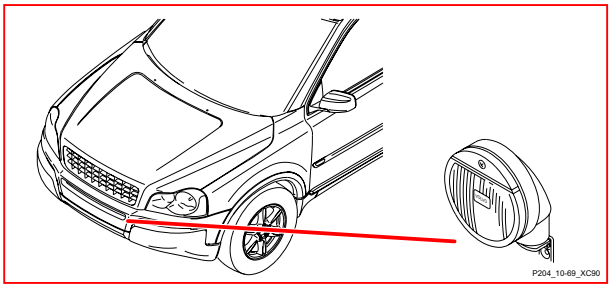
10/68 Left high beam XC90



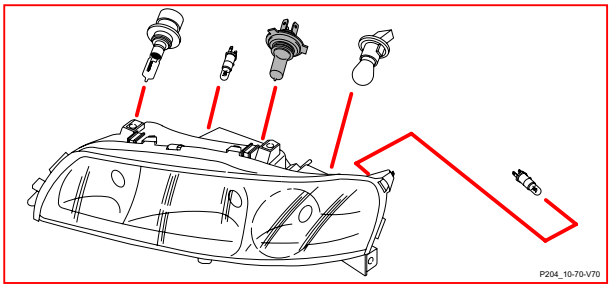
10/69 Auxiliary light, front left V70



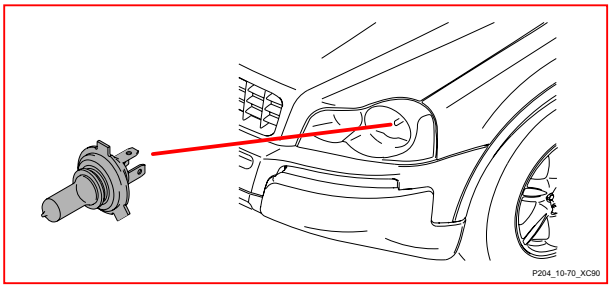
10/69 Auxiliary light, front left XC90



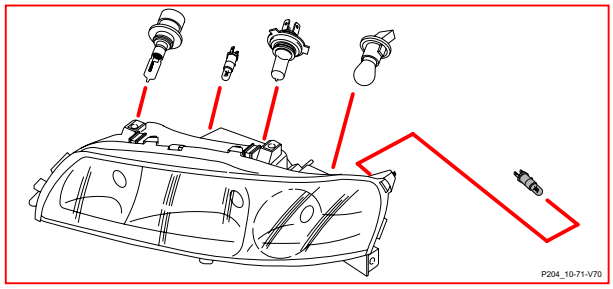
10/70 Left low beam V70



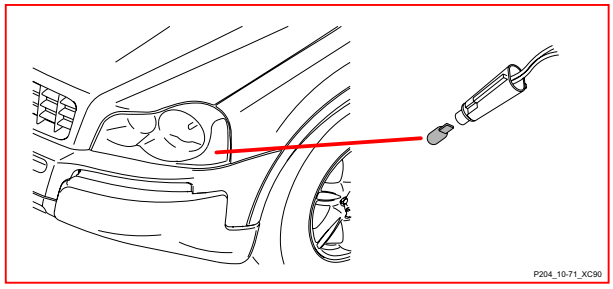
10/70 Left low beam XC90



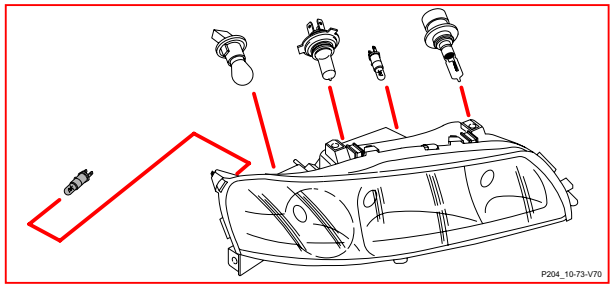
10/71 Side running light, front left V70



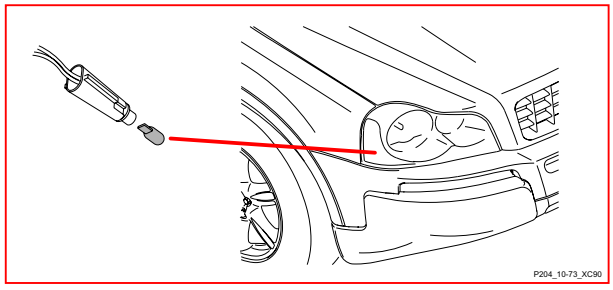
10/71 Side running light, front XC90



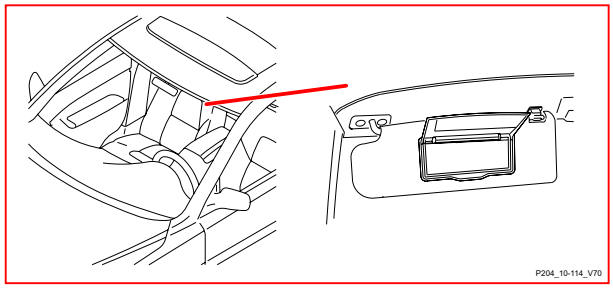
10/73 Side running light, front right V70



10/73 Side running light, front right XC90

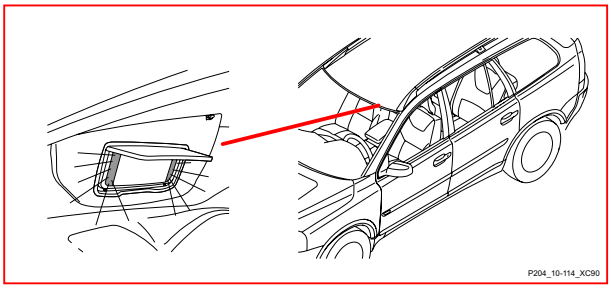


10/114 Vanity mirror lighting, left V70

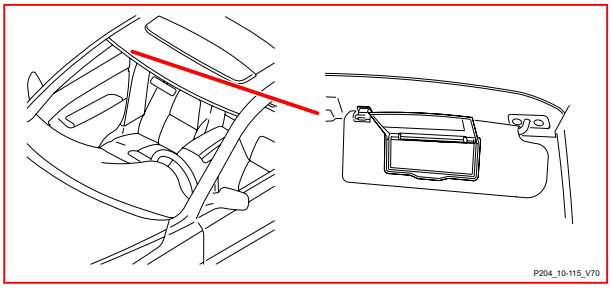


Component illustrations
10/114 XC90 -10/150 V70

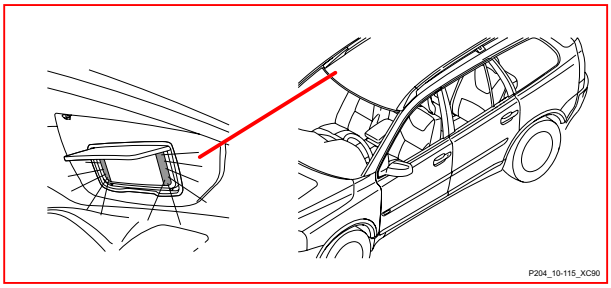
10/114 Vanity mirror lighting, left XC90



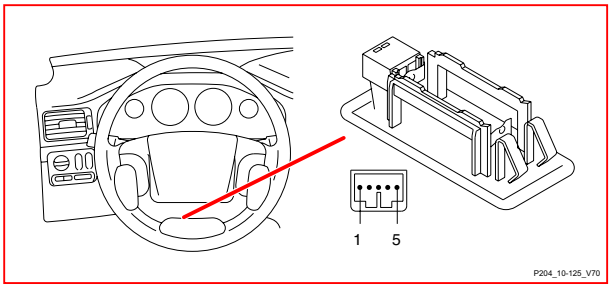
10/115 Vanity mirror lighting, right V70



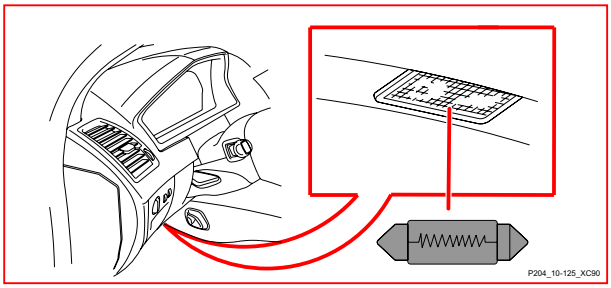
10/115 Vanity mirror lighting, right XC90



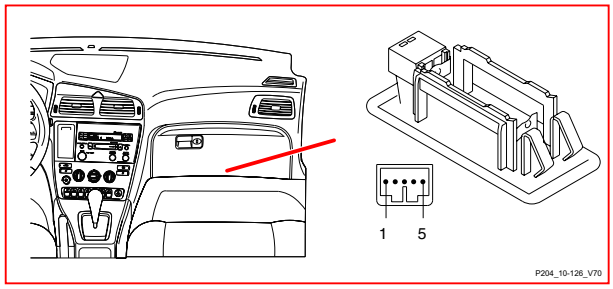
10/125 Courtesy lighting, front left V70



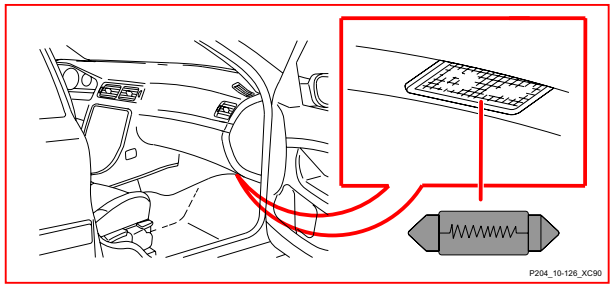
10/125 Courtesy lighting, front left XC90



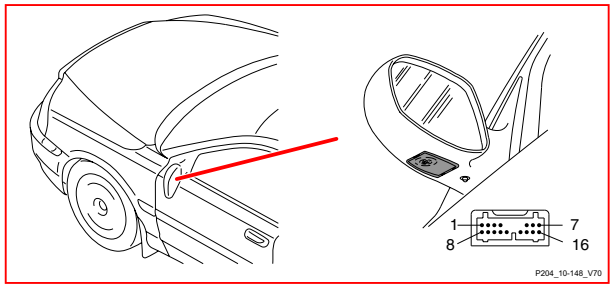
10/126 Courtesy lighting, front right V70



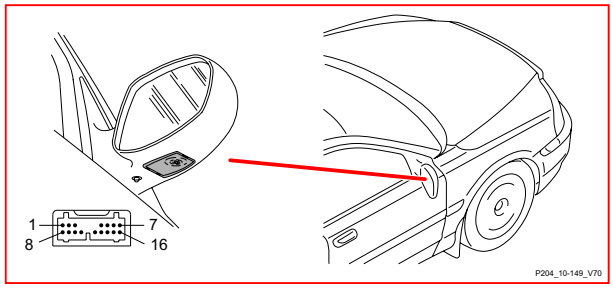
10/126 Courtesy lighting, front right XC90



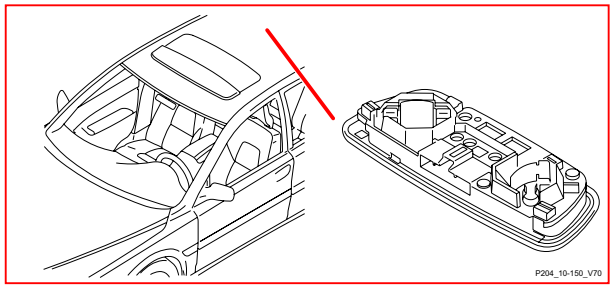
10/148 Left exterior rearview mirror lighting



10/149 Right exterior rearview mirror lighting

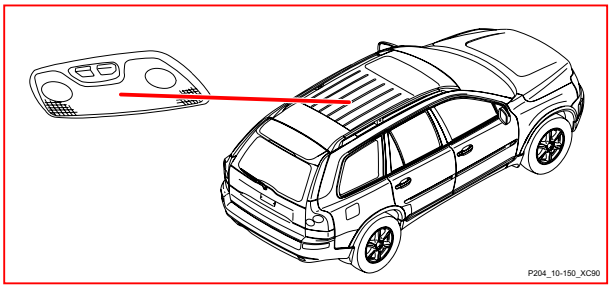


10/150 Rear reading light, V70

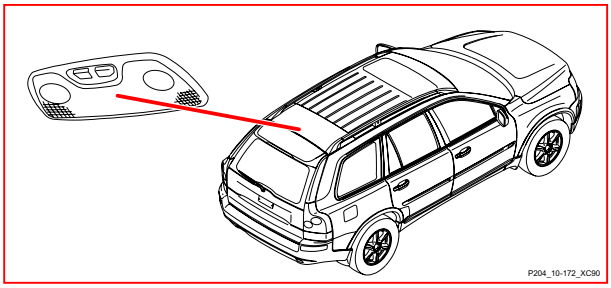


Component illustrations
10/150 XC90 - 11E/no XC90

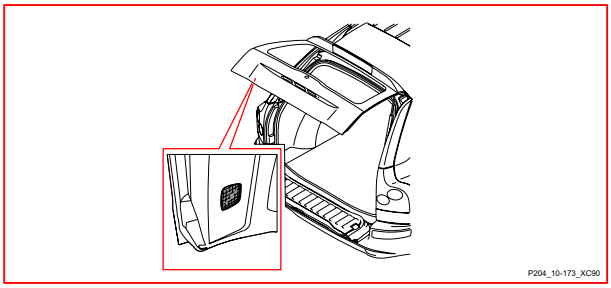
10/150 Rear reading light, XC90



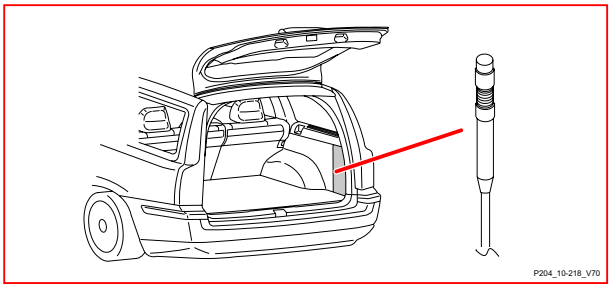
10/172 Reading light, third row of seats



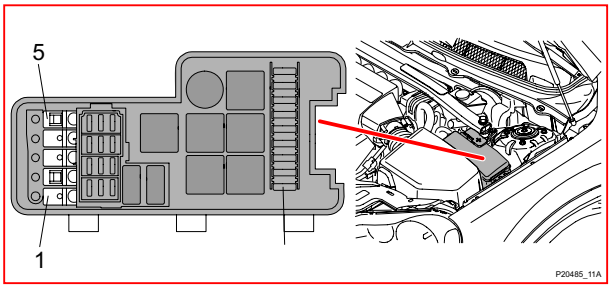
10/173 Cargo compartment lighting, tailgate



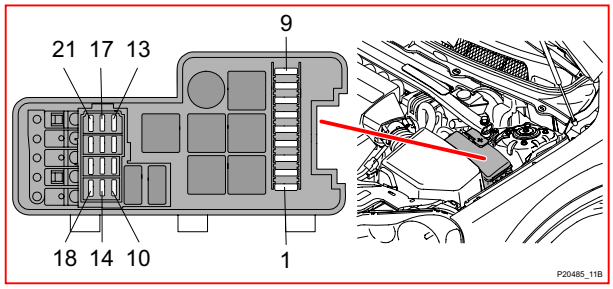
10/218 Indicator light, remote start



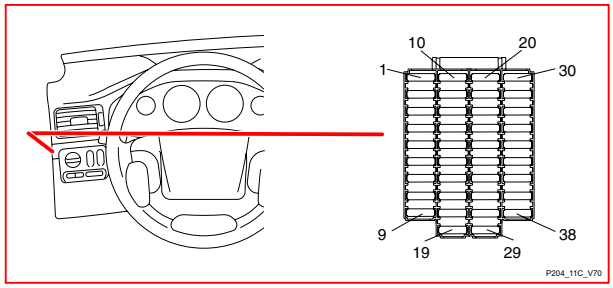
11A/no. Main fuses in engine compartment fuse box



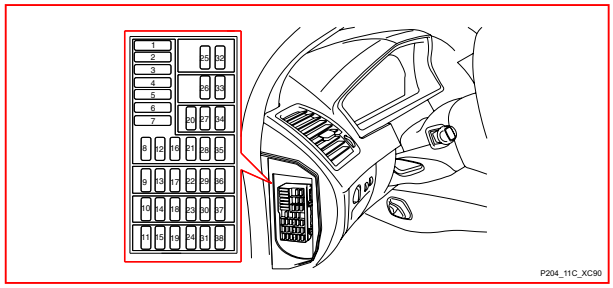
11B/no. Fuses in engine compartment fuse box



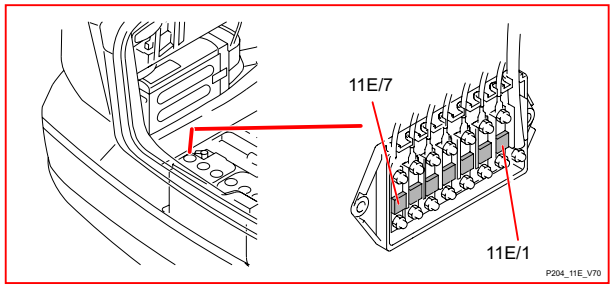
11C/no. Fuses in the passenger compartment fuse box, V70



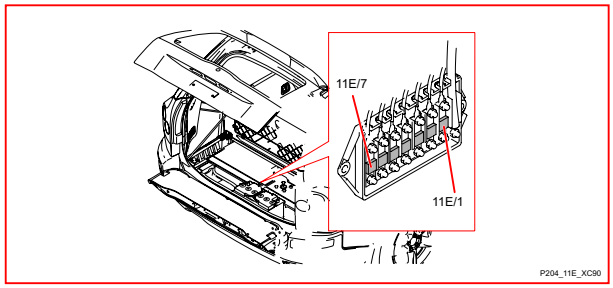
11C/no. Fuses in the passenger compartment fuse box, XC90



11E/no. Main fuses at the battery V70

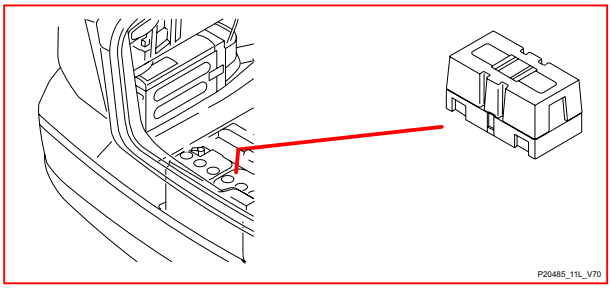


11E/no. Main fuses at the battery XC90

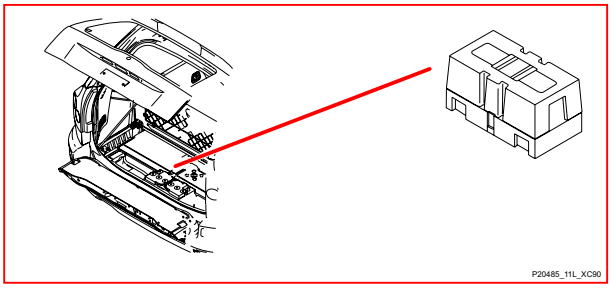


Component illustrations
11L/no V70 - 16/3 XC90

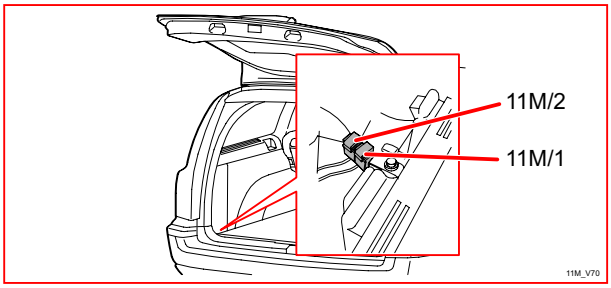
11L/no. Fuse in fuse holder cargo compartment V70



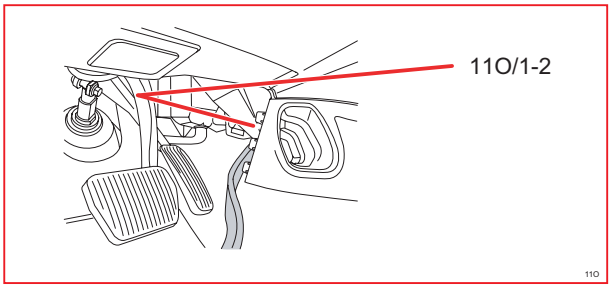
11L/no. Fuse in fuse holder cargo compartment V90



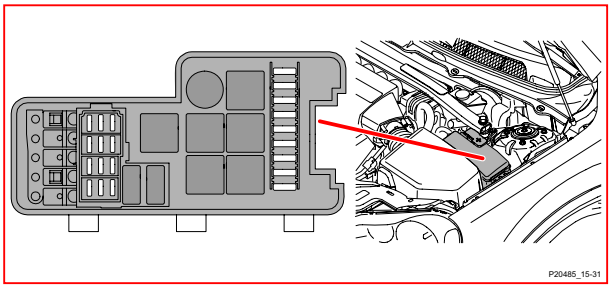
11M/no. Fuse in spare fuse holder, cargo compartment V70



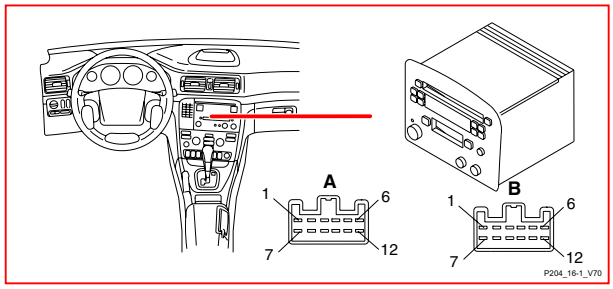
11O/no Fuses in spare fuse holder, passenger compartment



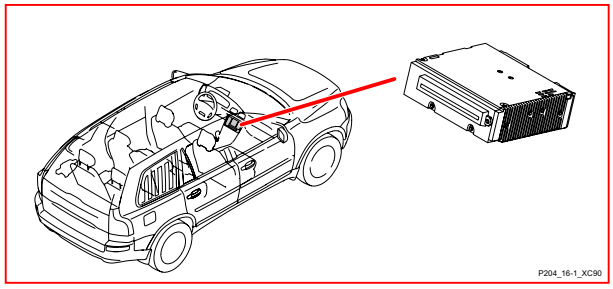
15/31 Distribution box in engine compartment



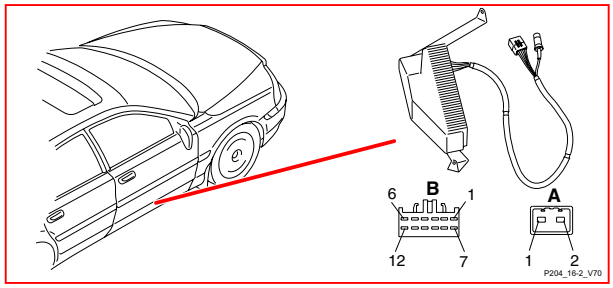
16/1 Audio Module (AUM) V70



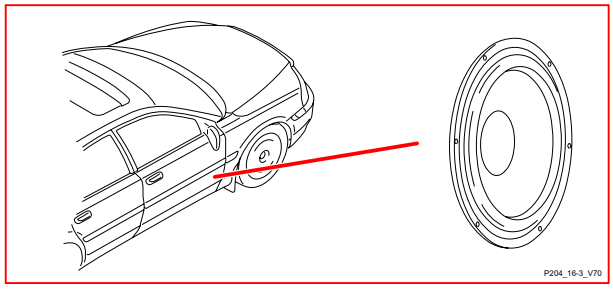
16/1 Integrated Audio Module (IAM) XC90



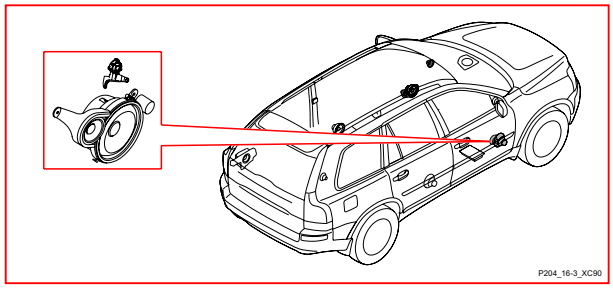
16/2 Amplifier



16/3 Speaker, right front door, V70

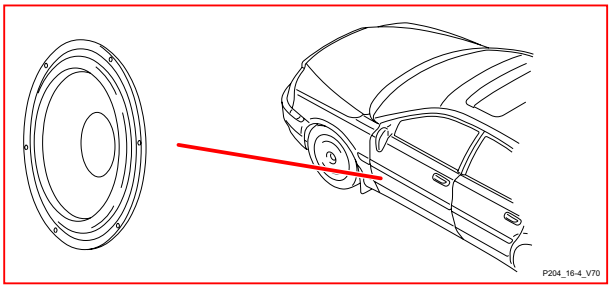


16/3 Speaker, front right door, XC90

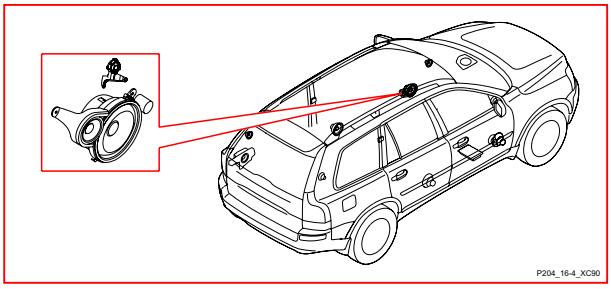


Component illustrations
16/4 V70 - 16/5

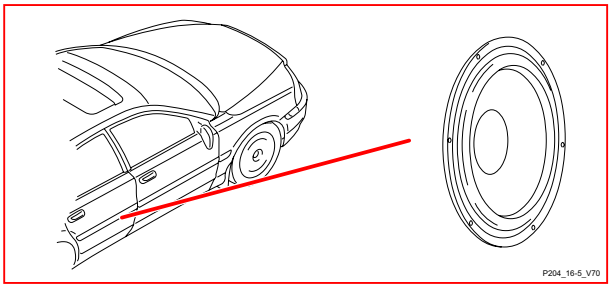
16/4 Speaker, front left door V70



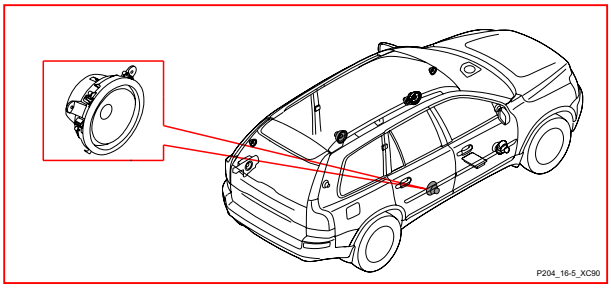
16/4 Speaker, front left door XC90



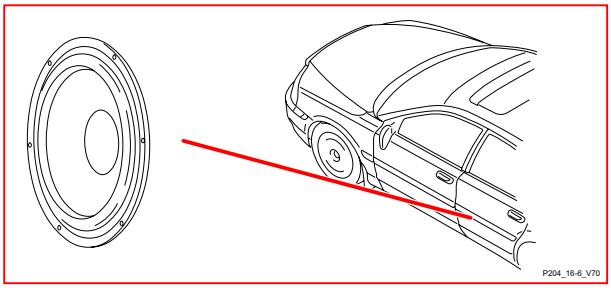
16/5 Speaker, right rear door V70



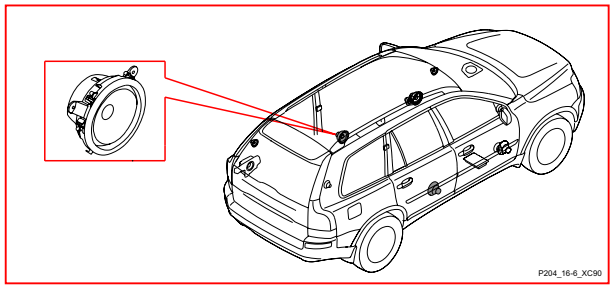
16/5 Speaker, right rear door XC90



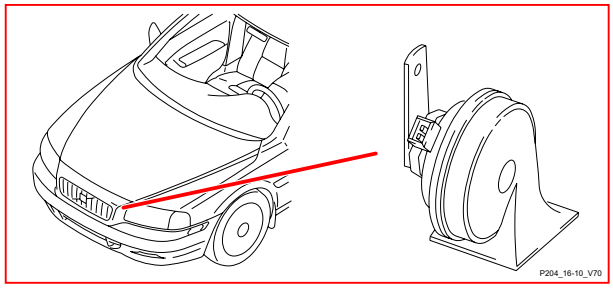
16/6 Speaker, left rear door V70



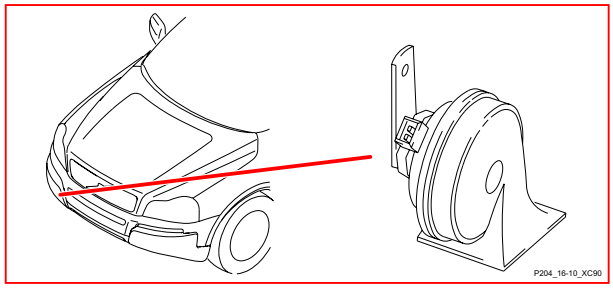
16/6 Speaker, left rear door XC90



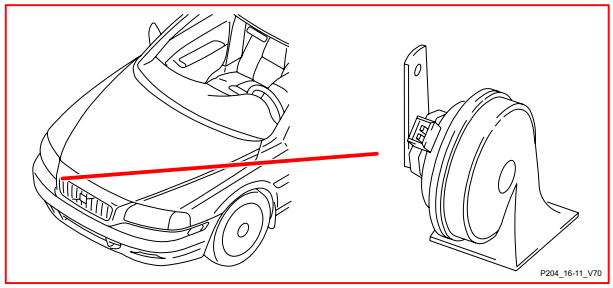
16/10 Horn 1, V70



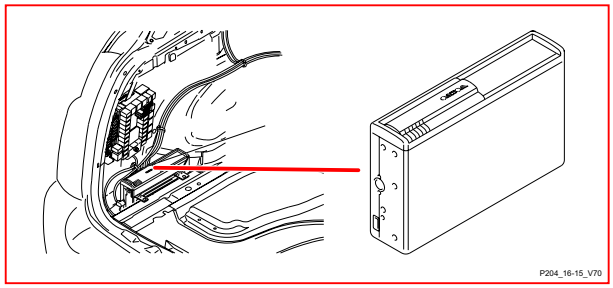
16/10 Horn 1, XC90



16/11 Horn 2

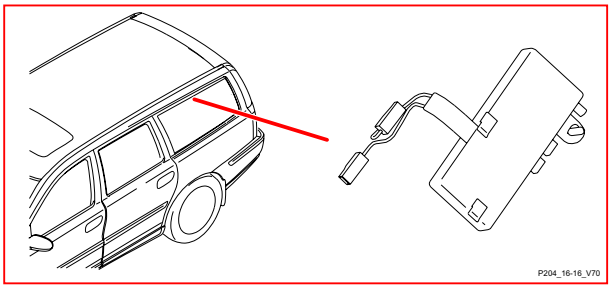


16/15 CD changer

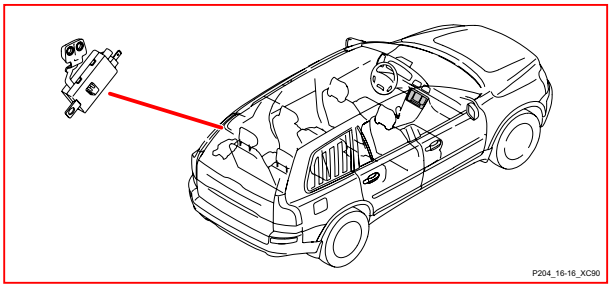


Component illustrations
16/16 V70 - 16/46 V70

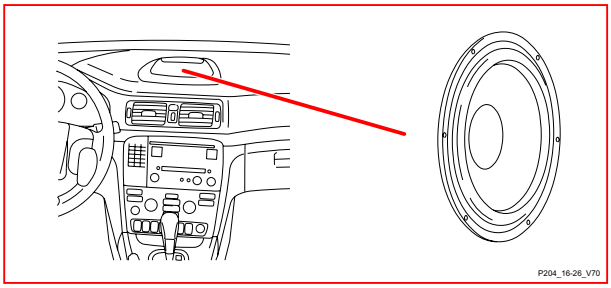
16/16 LH window antenna amplifier 1, V70



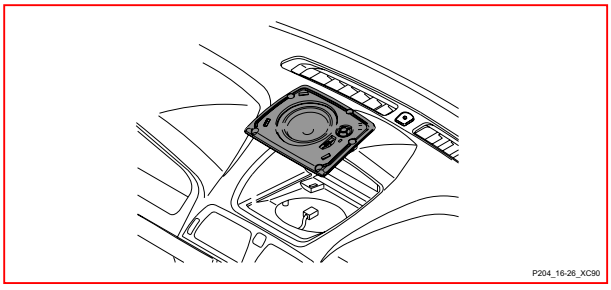
16/16 LH window antenna amplifier 1, XC90



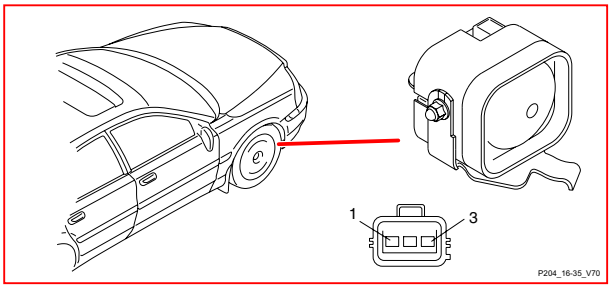
16/26 Speaker, dashboard middle V70



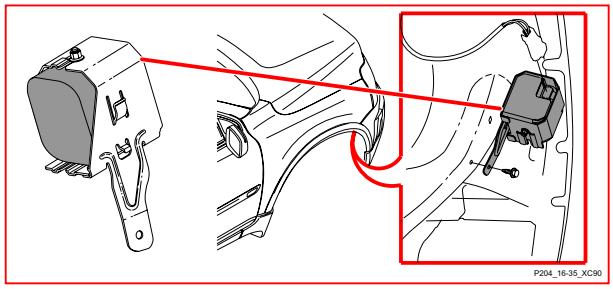
16/26 Speaker, dashboard middle XC90



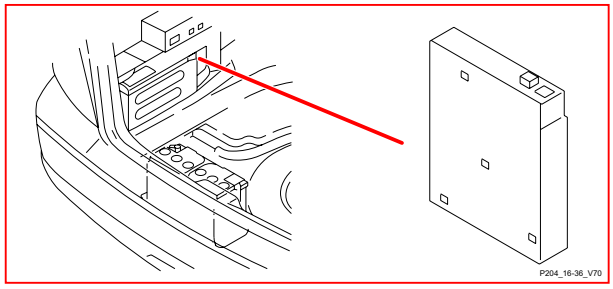
16/35 Siren (SCM) V70



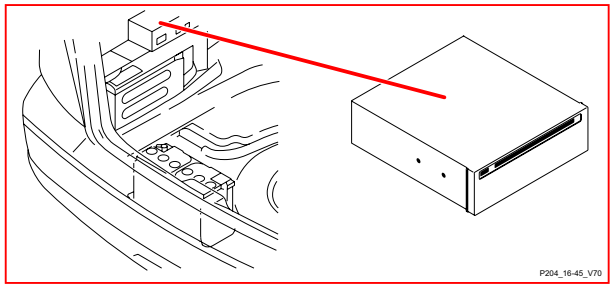
16/35 Siren (SCM) XC90



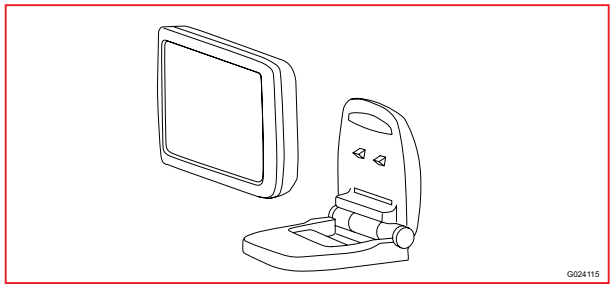
16/36 TV receiver



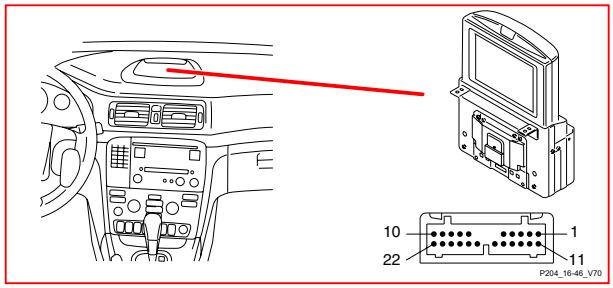
16/45 Road Traffic Information module (RTI)



16/45 Portable navigation system

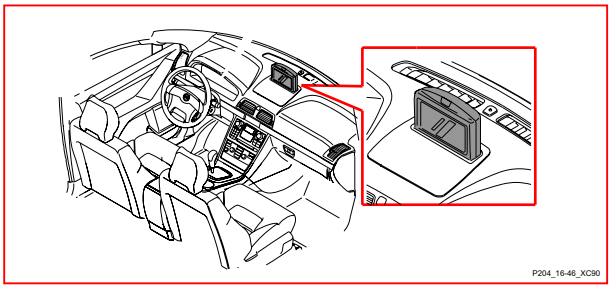


16/46 RTI display V70

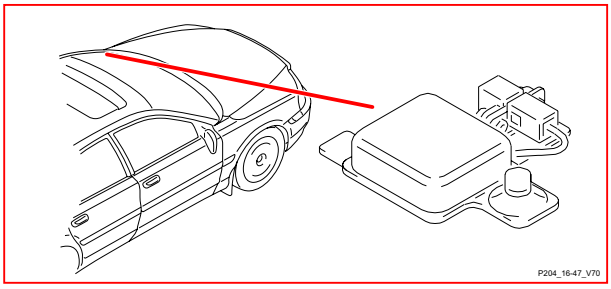


Component illustrations
16/46 XC90 - 16/56 XC90

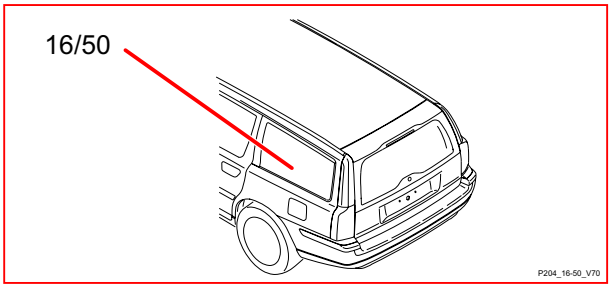
16/46 Multimedia display XC90



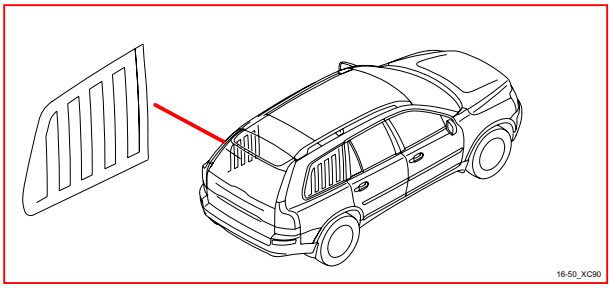
16/47 GPS antenna, RTI



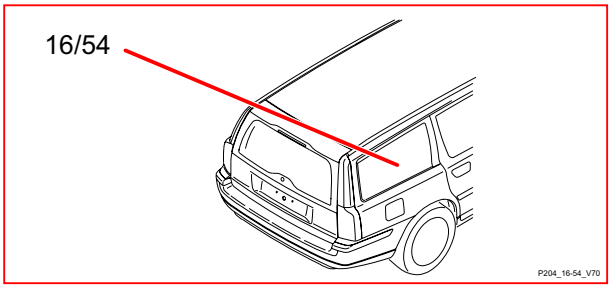
16/50 Window antenna, rear left V70



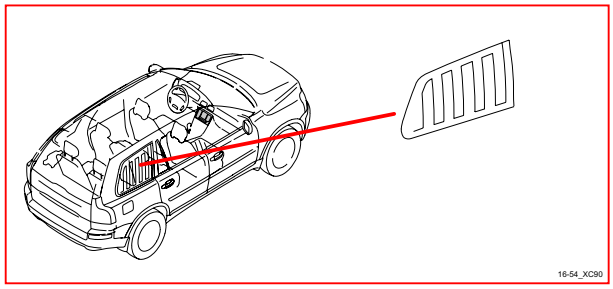
16/50 Window antenna, left rear XC90



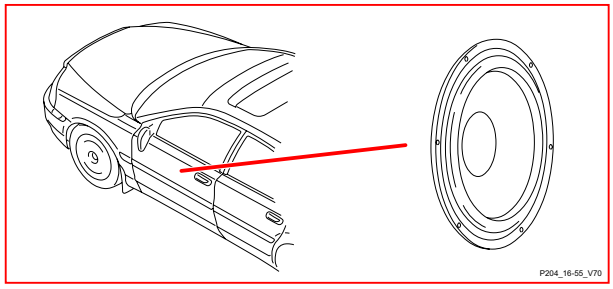
16/54 Window antenna, right rear V70



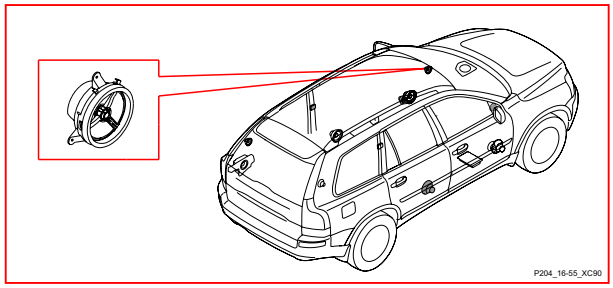
16/54 Window antenna, rear right XC90



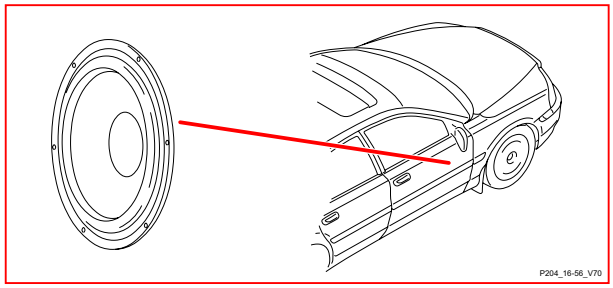
16/55 Treble speaker, left front door V70



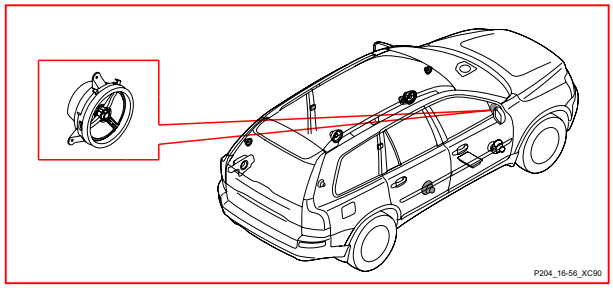
16/55 Treble speaker, left front door, XC90



16/56 Treble speaker, right front door, V70

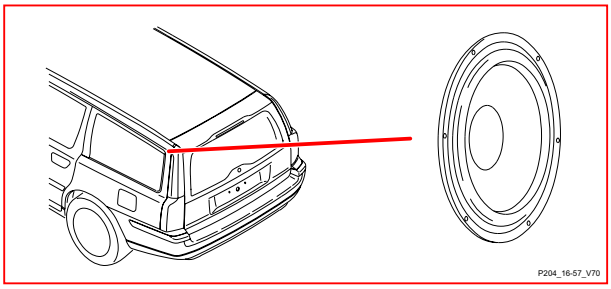


16/56 Treble speaker, front right door, XC90

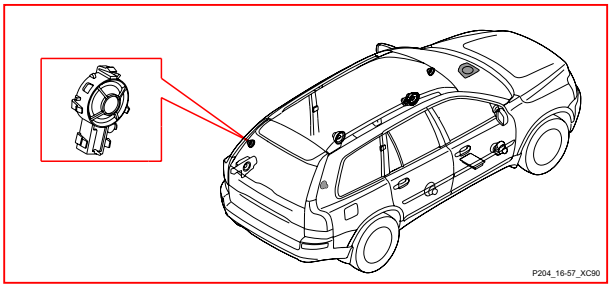


Component illustrations
16/57 V70 - 16/63 XC90

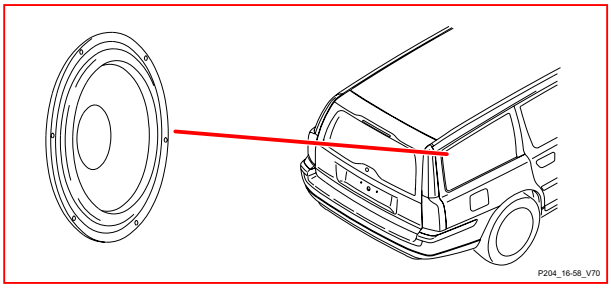
16/57 Speaker, left D-post V70



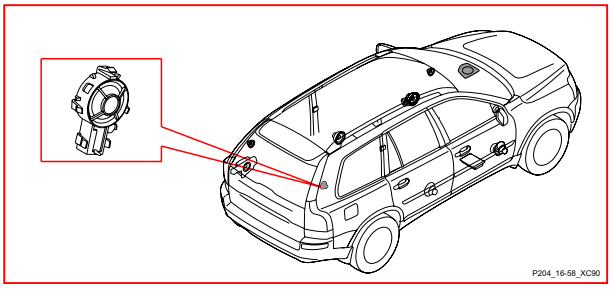
16/57 Speaker, left D-post XC90



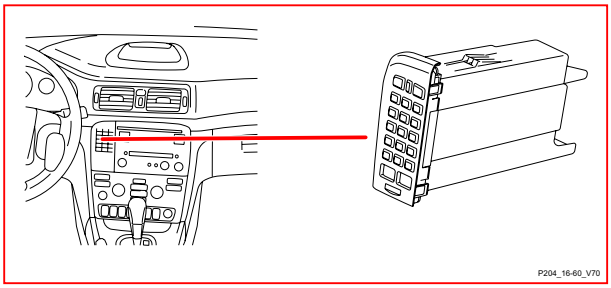
16/58 Speaker, right D-post V70



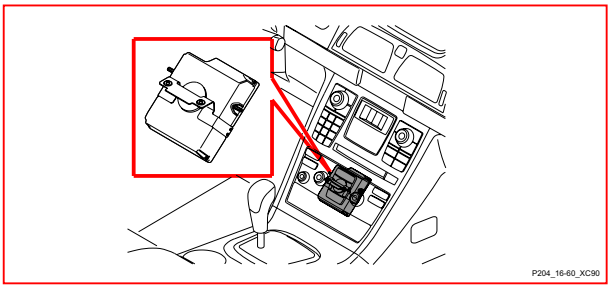
16/58 Speaker, right D-post XC90



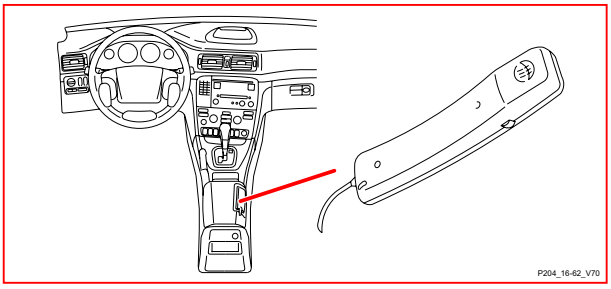
16/60 Phone Module (PHM), V70



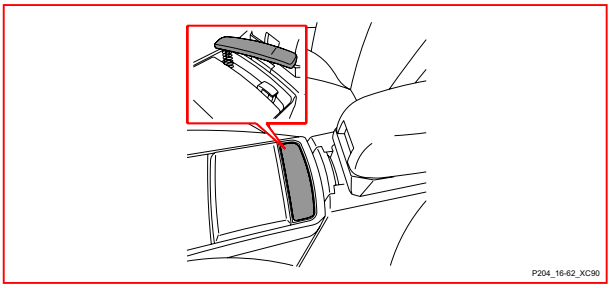
16/60 Phone Module (PHM), XC90



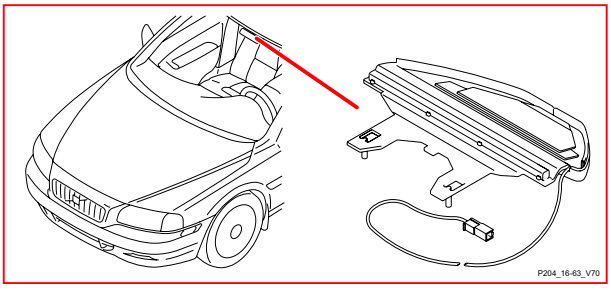
16/62 Handset, cellular phone V70



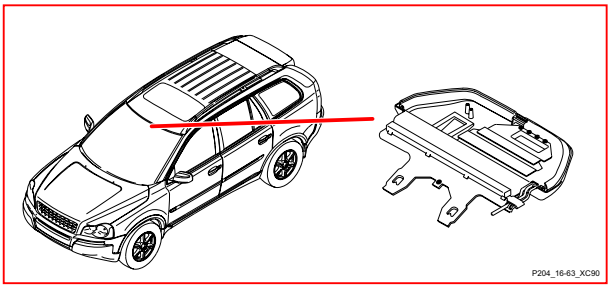
16/62 Handset, cellular phone XC90



16/63 GPS antenna, cellular phone V70

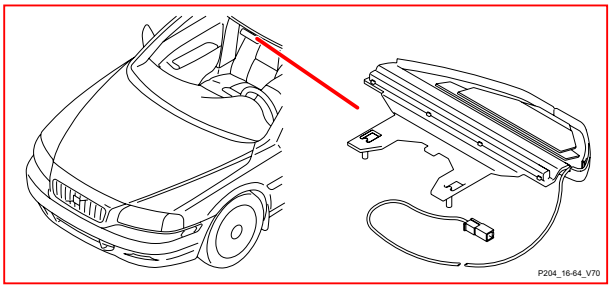


16/63 GPS antenna, cellular phone XC90

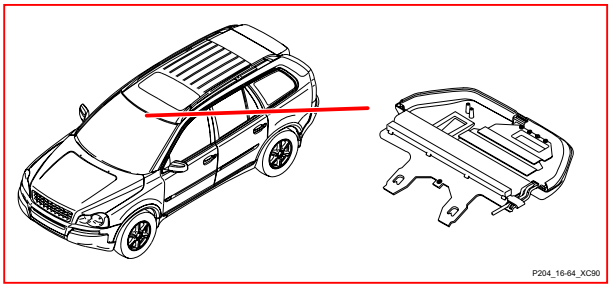


Component illustrations
16/64 V70 - 16/74

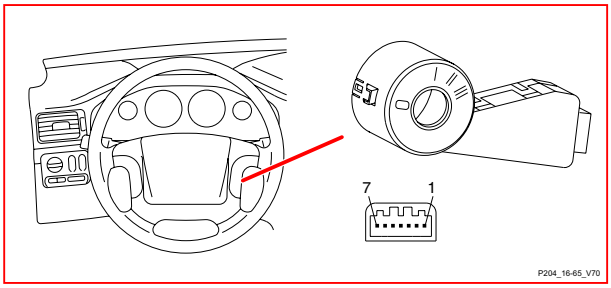
16/64 Cellular phone antenna V70



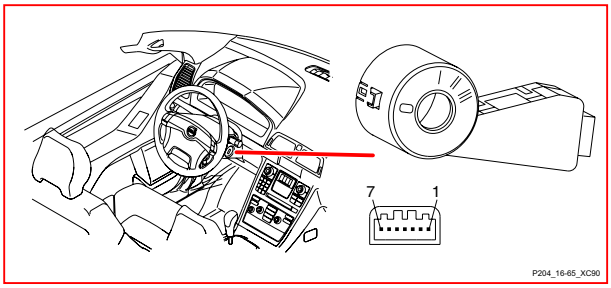
16/64 Cellular phone antenna XC90



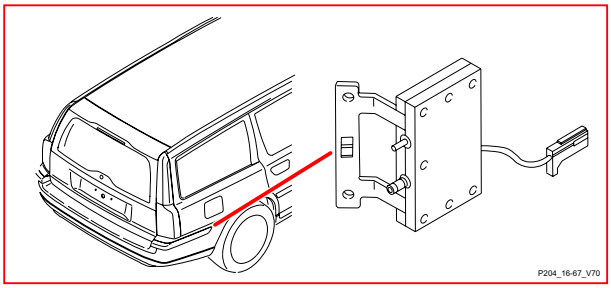
16/65 Antenna ring/ignition switch lighting, V70



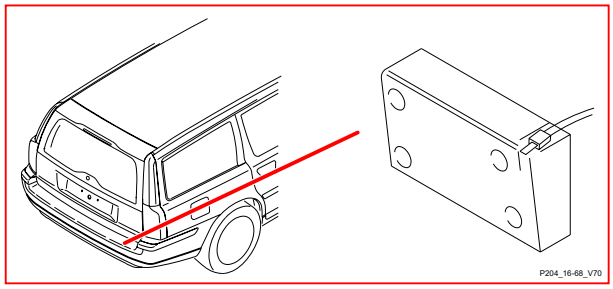
16/65 Antenna ring/ignition switch lighting, XC90



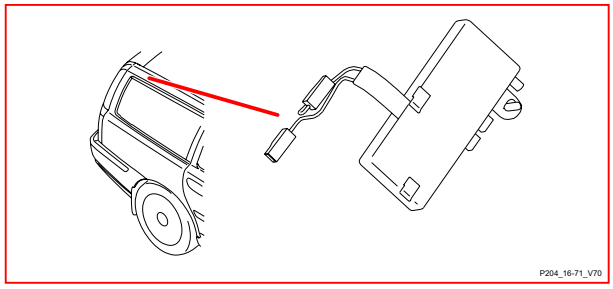
16/67 Amplifier antenna, bumper



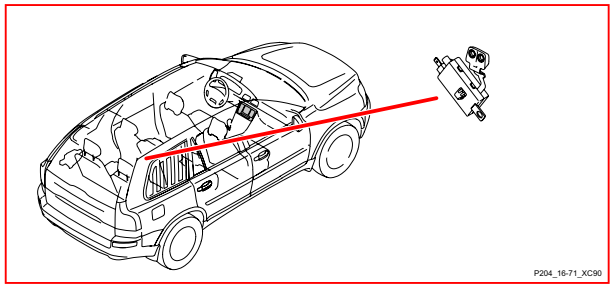
16/68 Antenna, bumper



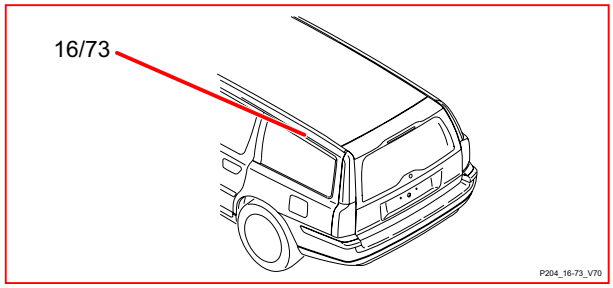
16/71 RH window antenna amplifier 1, V70



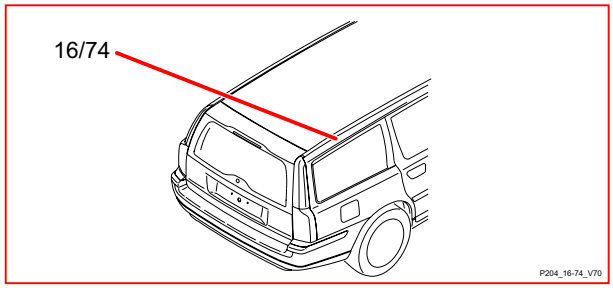
16/71 Window antenna amplifier 1, right XC90



16/73 Window antenna amplifier 2, left

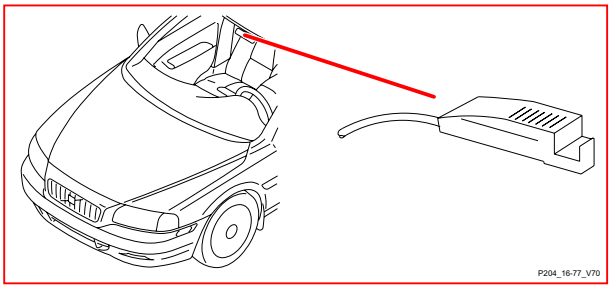


16/74 Window antenna amplifier 2, right

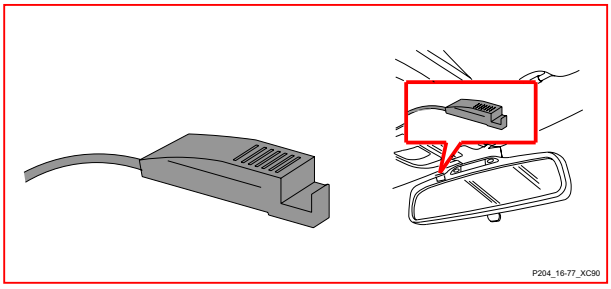


Component illustrations
16/77 V70 - 16/93 V70

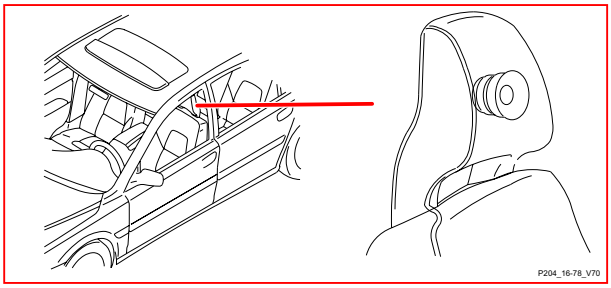
16/77 Microphone, cellular phone V70



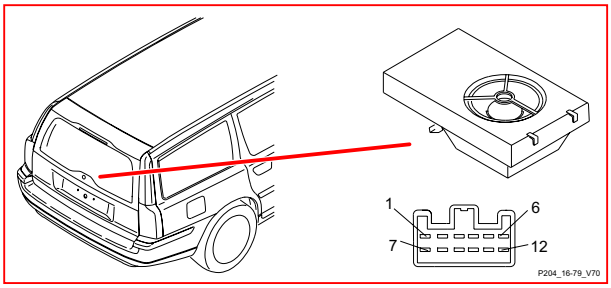
16/77 Microphone, cellular phone XC90



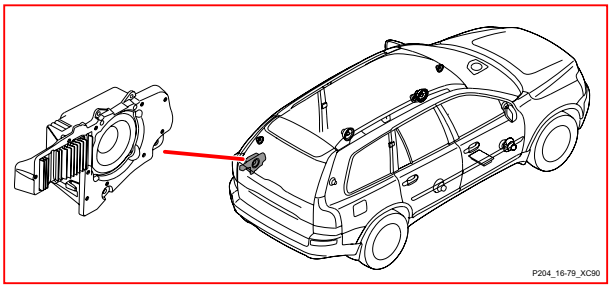
16/78 Speaker, cellular phone



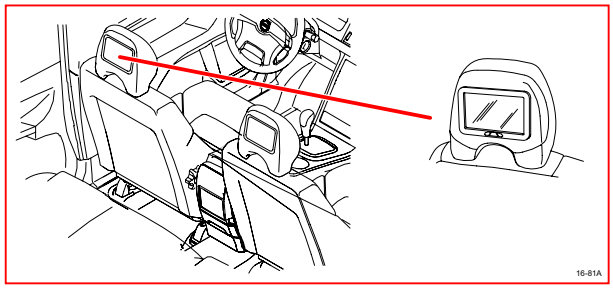
16/79 Bass speaker V70



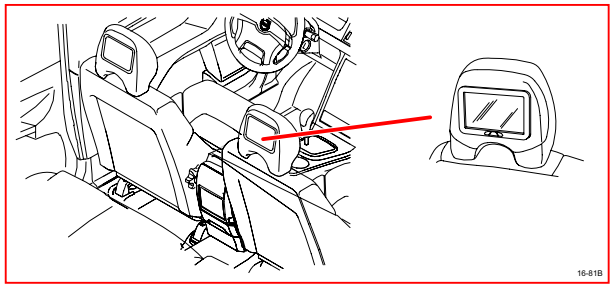
16/79 Subwoofer Module (SUB), XC90



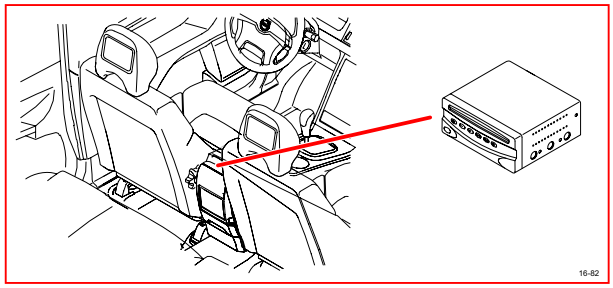
16/81A Screen, LH head restraint



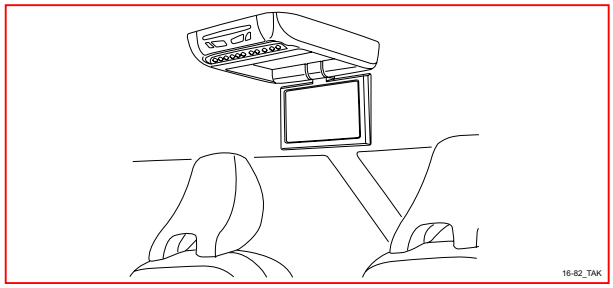
16/81B Screen, RH head restraint



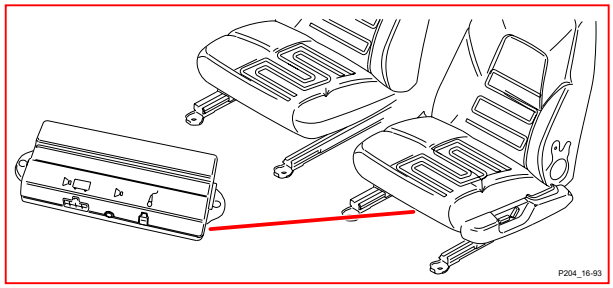
16/82 DVD player/control module V70



16/82 DVD player roof mounted XC90

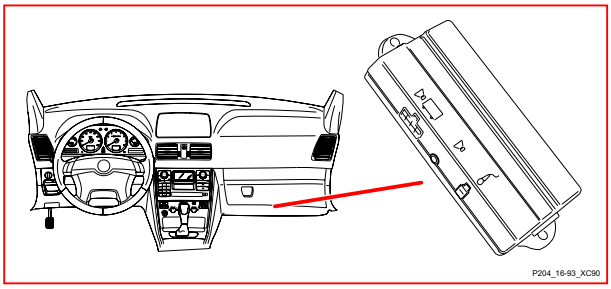


16/93 Control module, cellular phone handsfree V70

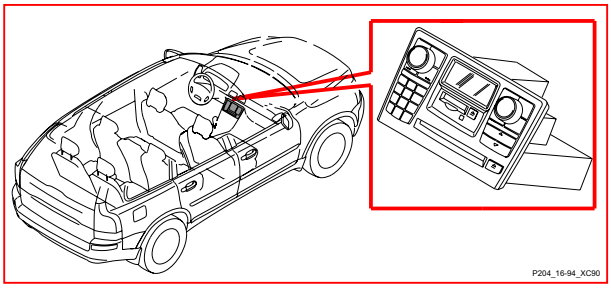


Component illustrations
16/93 XC90 - 16/123.3

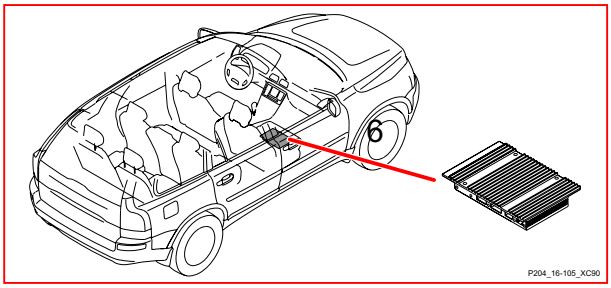
16/93 Control module, cellular phone handsfree, XC90



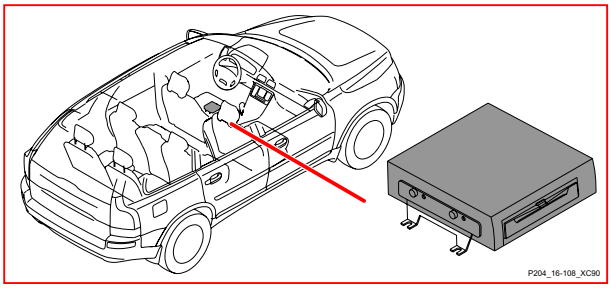
16/94 Infotainment Control Module (ICM)



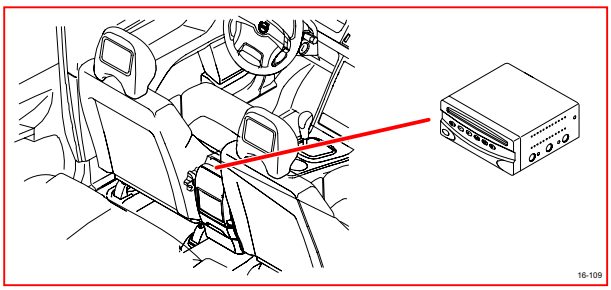
16/105 Audio Module (AUD)



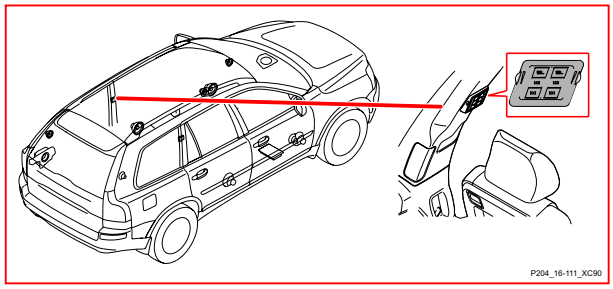
16/108 Multimedia Module (MMM)



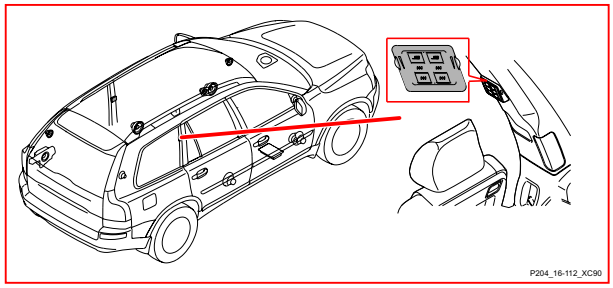
16/109 DVD player/control module



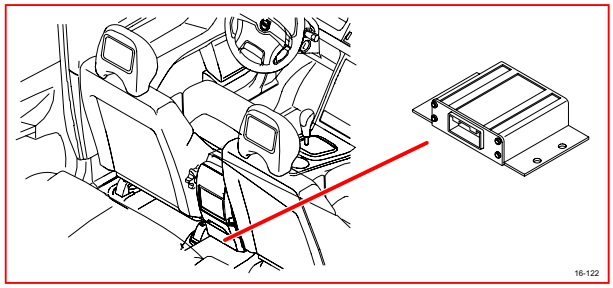
16/111 Outlet, rear left headphones



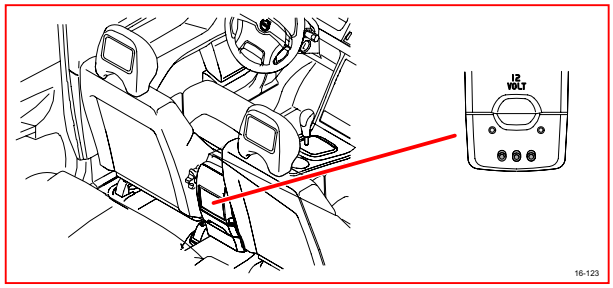
16/112 Outlet, rear right headphones



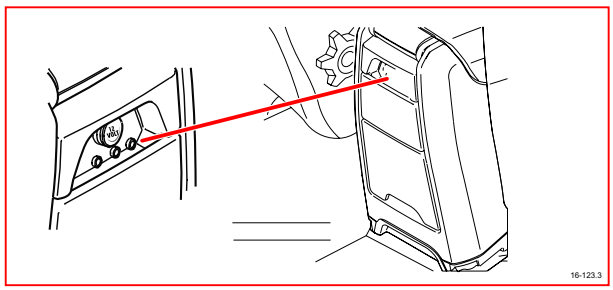
16/122 Rear Audio Separation module (RAS)



16/123 External equipment input (AUX)

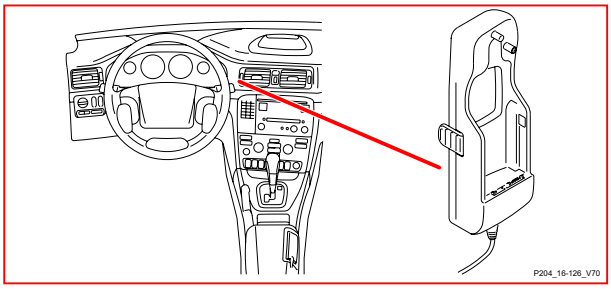


16/123.3RSE-AUX input

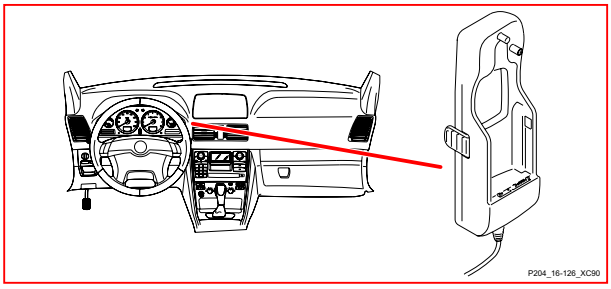


Component illustrations
16/94 V70 - 16/153 XC90

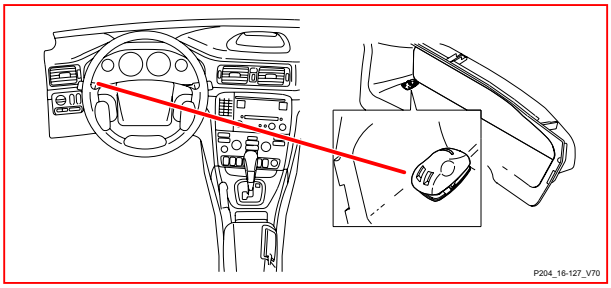
16/126 Holder, cellular phone handsfree, V70



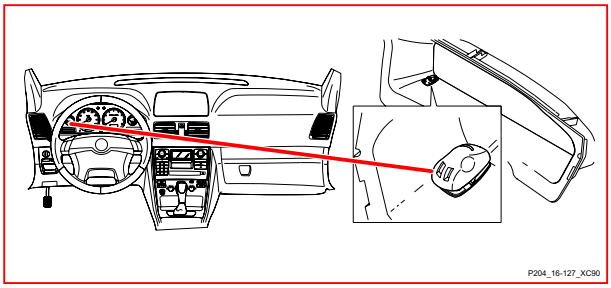
16/126 Holder, handsfree cellular phone XC90



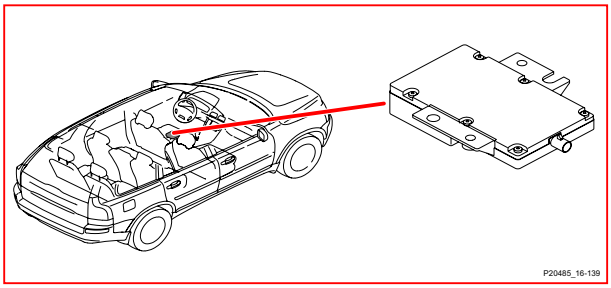
16/127 Microphone, cellular phone hands-free, V70



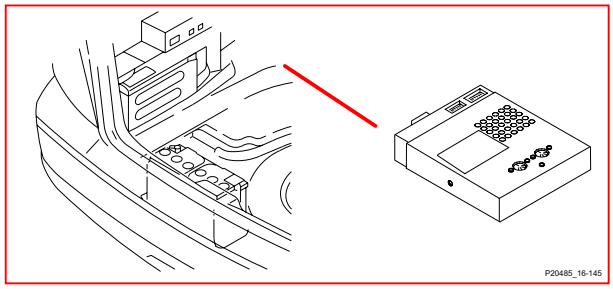
16/127 Microphone, cellular phone handsfree XC90



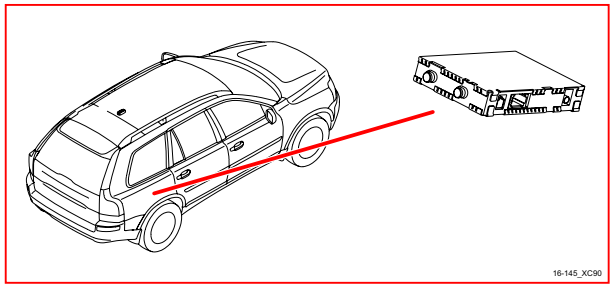
16/139 Global Positioning System Module (GPS)



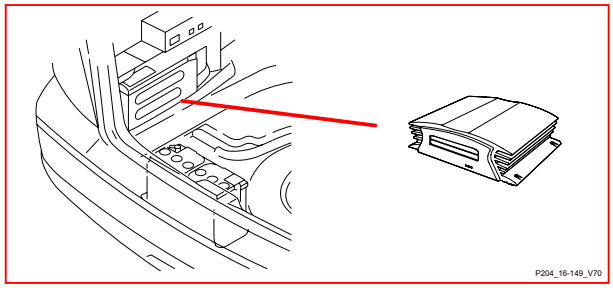
16/145 Satellite radio receiver, V70



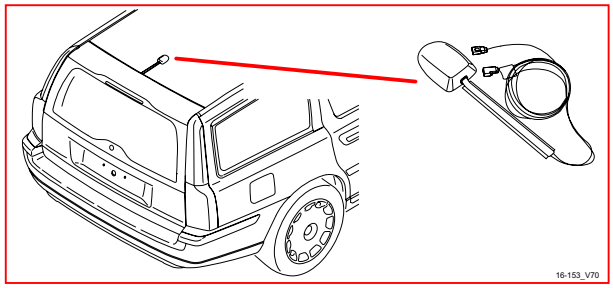
16/145 Satellite radio receiver, XC90



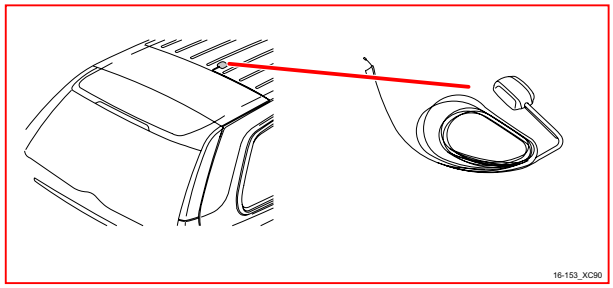
16/149 MP3 player



16/153 Satellite radio receiver antenna, V70

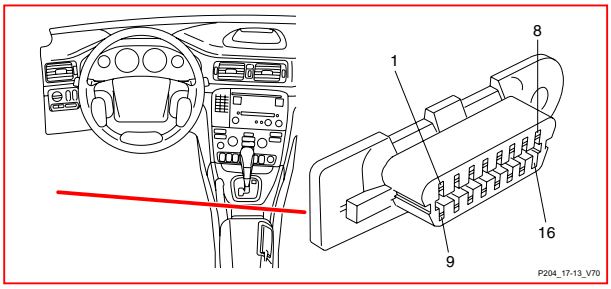


16/153 Satellite radio receiver antenna, XC90

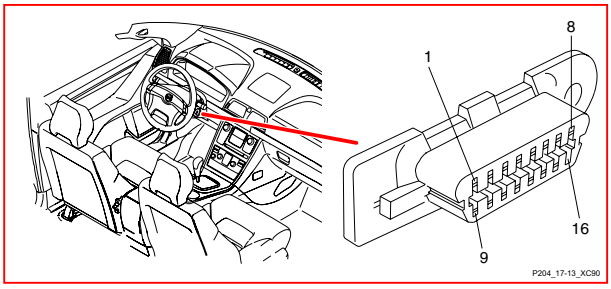


Component illustrations
17/13 V70 - 17/38 XC90 USA

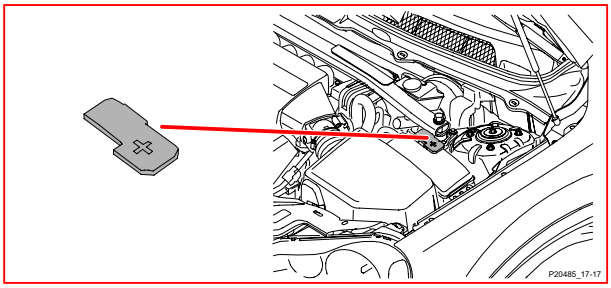
17/13 Data link connector, V70



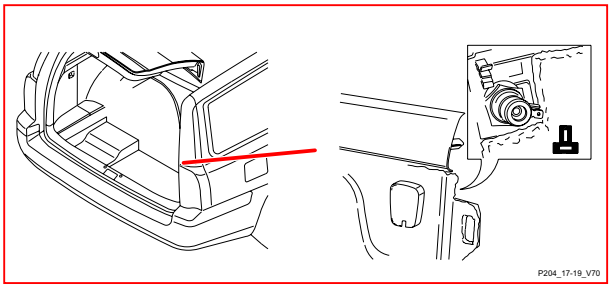
17/13 Data link connector, XC90



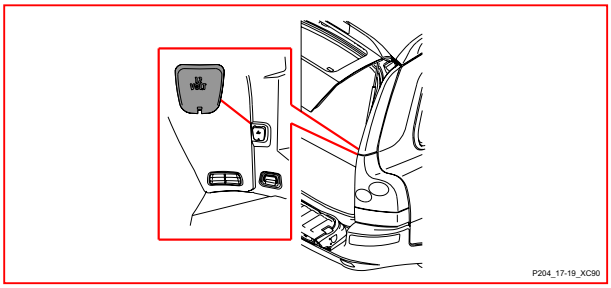
17/17 Jump start connection



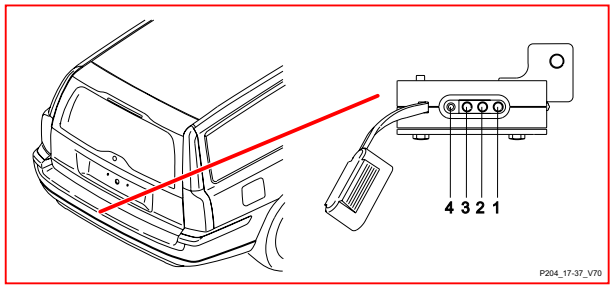
17/19 12V outlet, cargo compartment V70



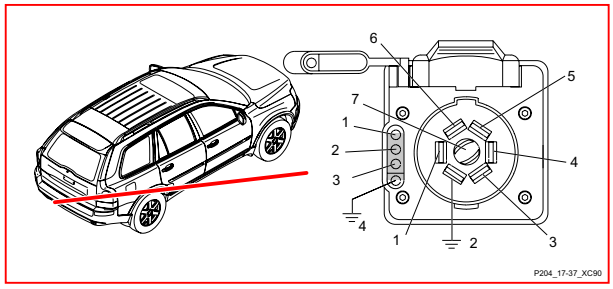
17/19 12V outlet, cargo compartment XC90



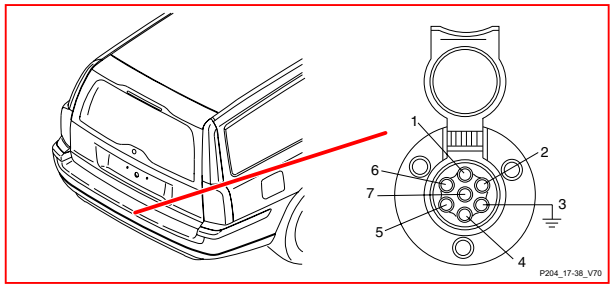
17/37 4-pin outlet, tow hitch cable harness V70



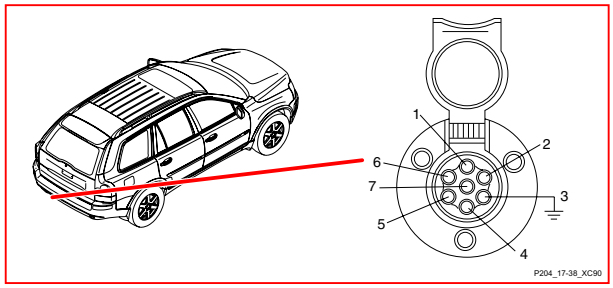
17/37 4-pin outlet, tow hitch cable harness XC90



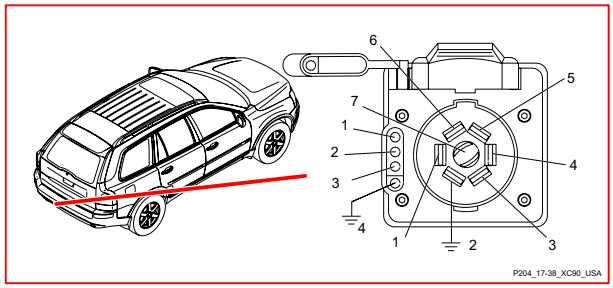
17/38 7-pin outlet, tow hitch cable harness V70



17/38 7-pin outlet, tow hitch cable harness XC90 EU/OS

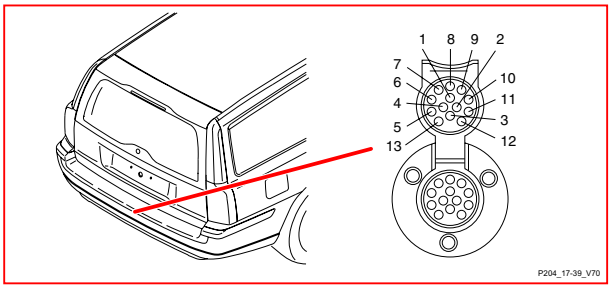


17/38 7-pin outlet, tow hitch cable harness XC90 USA

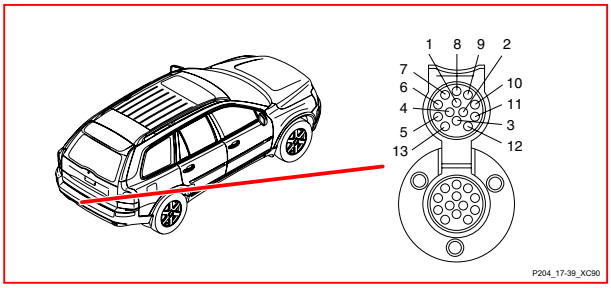


Component illustrations
17/39 V70 - 20/16

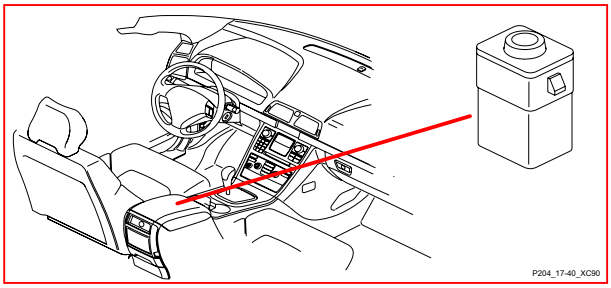
17/39 13-pin outlet, tow hitch cable harness V70



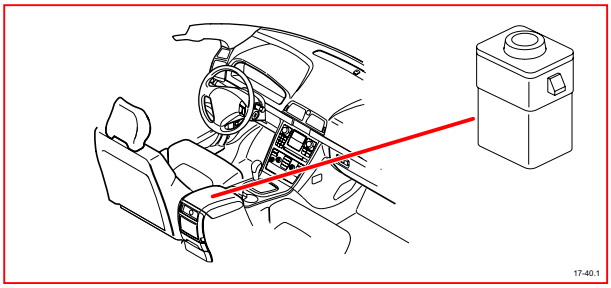
17/39 13-pin outlet, tow hitch cable harness XC90



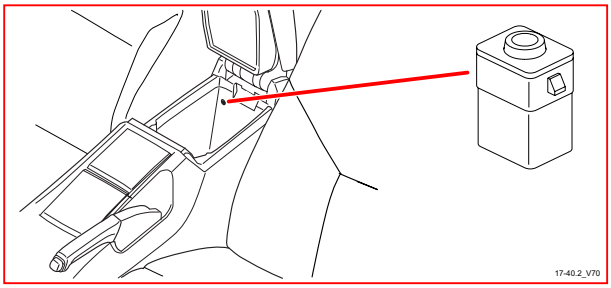
17/40 External equipment input (AUX)



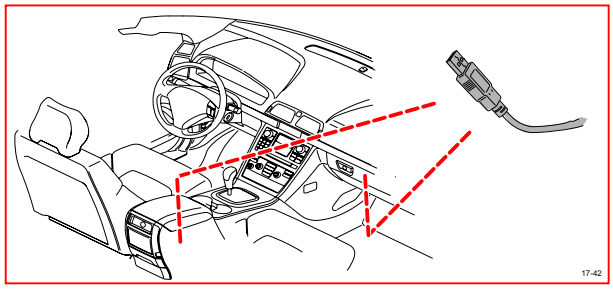
17/40.1 External equipment input (AUX)



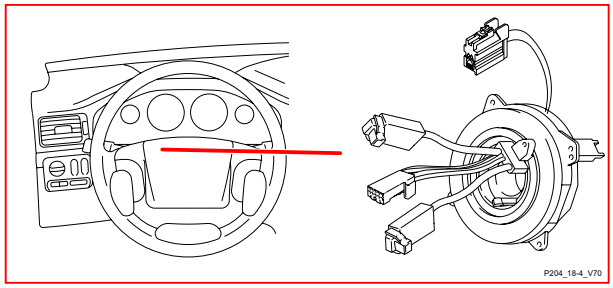
17/40.2 External equipment input (AUX)



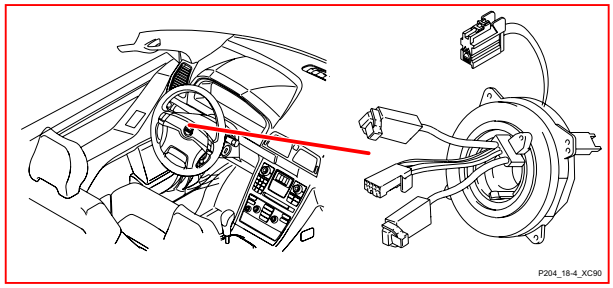
17/42 USB-port



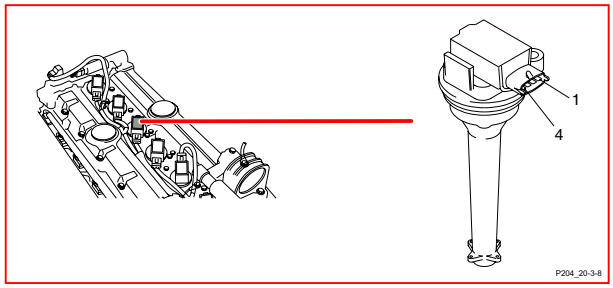
18/4 Contact reel V70



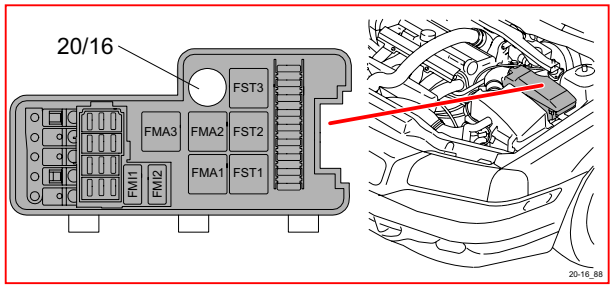
18/4 Contact reel XC90



20/3-8 Spark plug and ignition coil

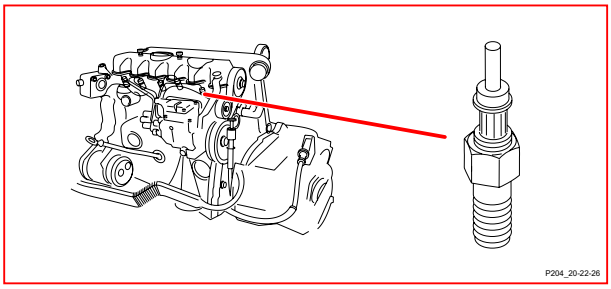


20/16 Capacitor

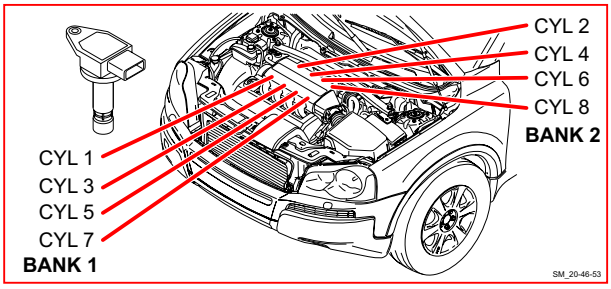


Component illustrations
20/22 - 31/2 V70

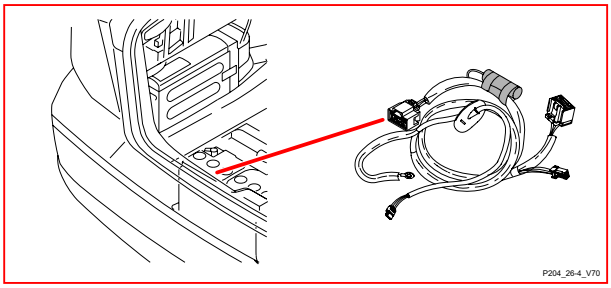
20/22-26Glow plug



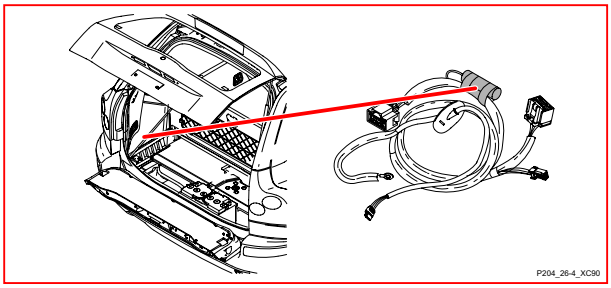
20/46-53Spark plug with ignition coil, 8-Cyl.



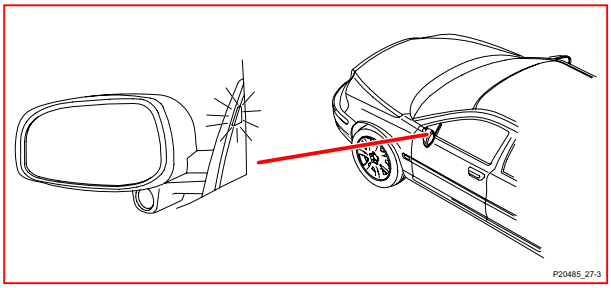
26/4 Converter, direction indicators & brake lights, USA V70



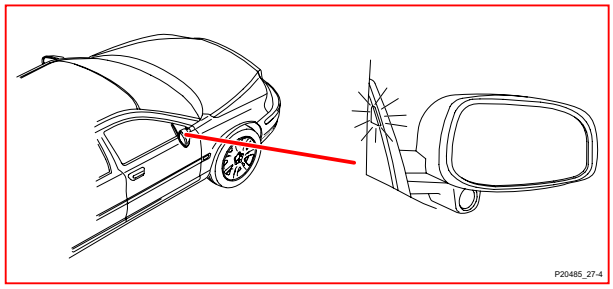
26/4 Converter, direction indicators & brake lights, USA XC90



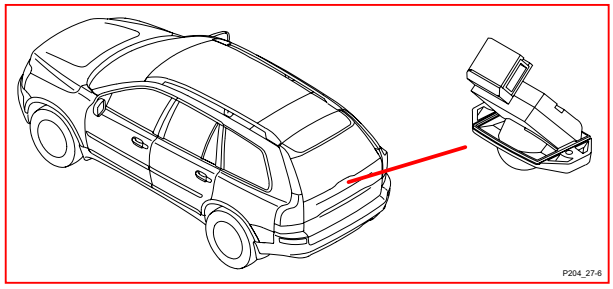
27/3 Left Camera Module (LCM)



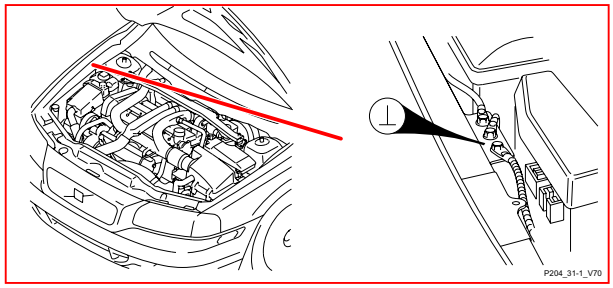
27/4 Right Camera Module (RCM)



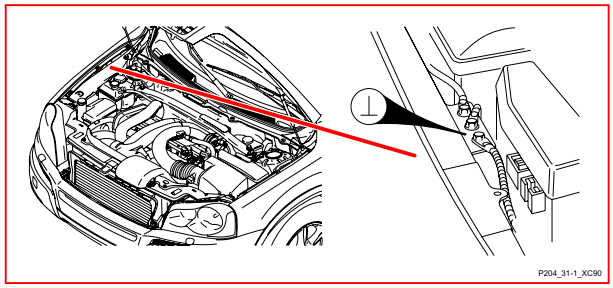
27/6 Camera



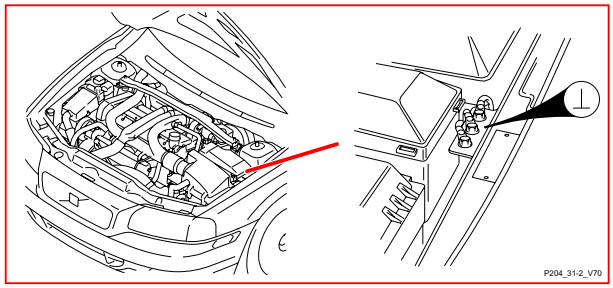
31/1 Ground connection, right MacPherson strut tower V70



31/1 Ground connection, right MacPherson strut tower XC90

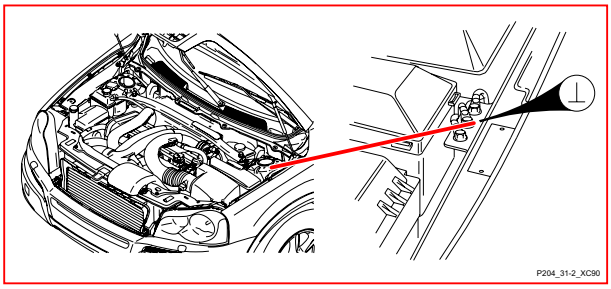


31/2 Ground connection, left MacPherson strut tower V70

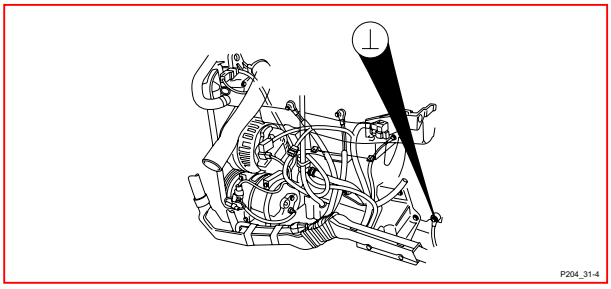


Component illustrations
31/2 XC90 - 31/46 XC90

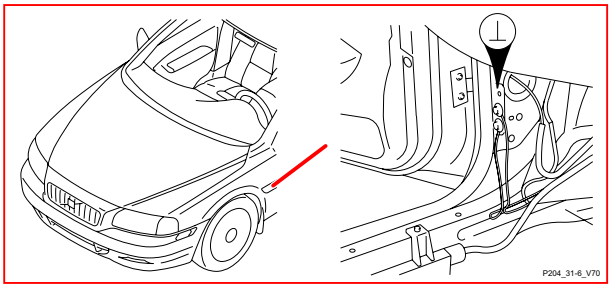
31/2 Ground connection, left MacPherson strut tower XC90



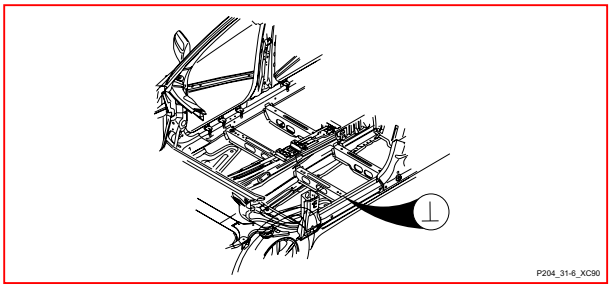
31/4 Ground connection, engine



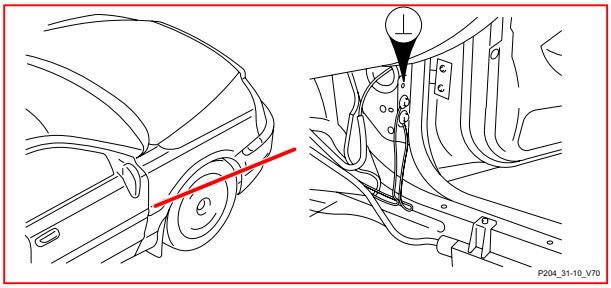
31/6 Ground connection, left-hand side A-post V70



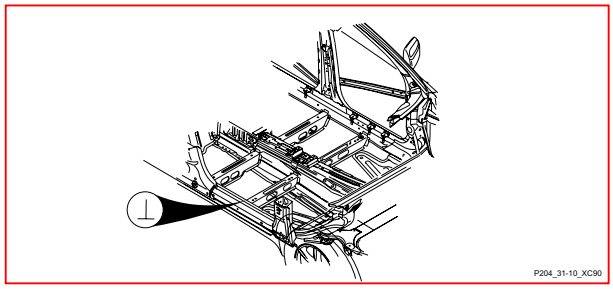
31/6 Ground connection, left-hand side A-post XC90



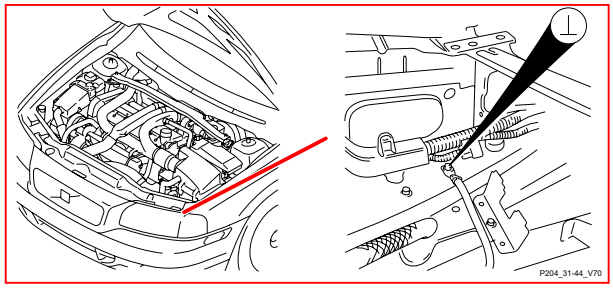
31/10 Ground connection, right-hand side A-post, V70



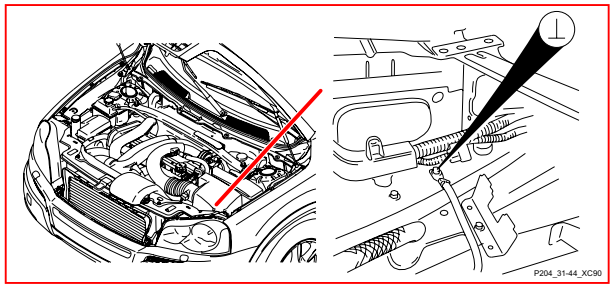
31/10 Ground connection, right-hand side A-post, XC90



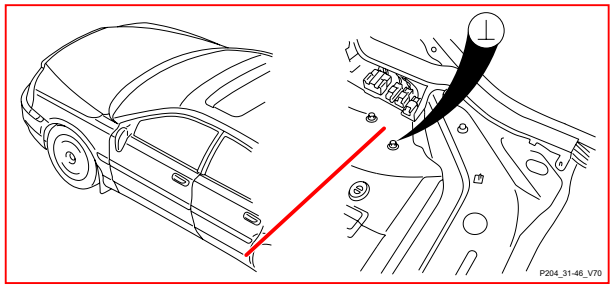
31/44 Ground connection, left-hand side member, lower engine compartment V70



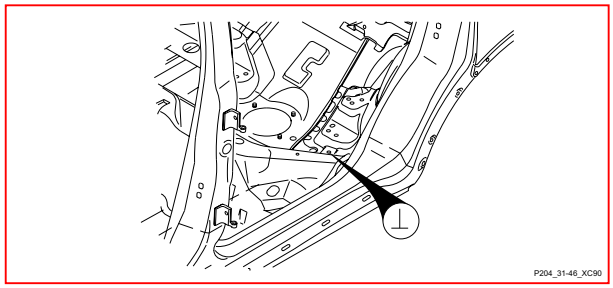
31/44 Ground connection, left-hand side member, lower engine compartment XC90



31/46 Ground connection, rear left seat riser V70

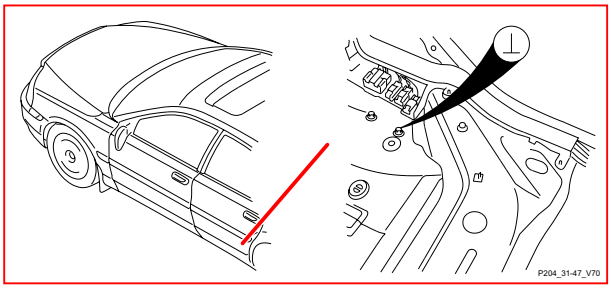


31/46 Ground connection, rear left seat riser XC90

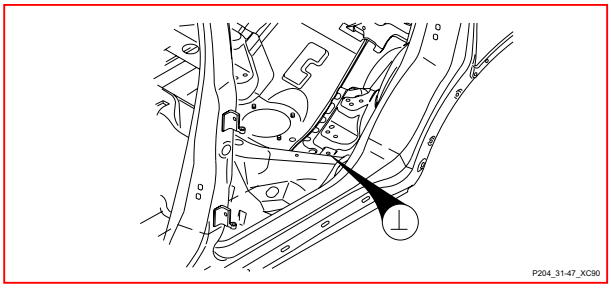


Component illustrations
31/47 V70 - 31/67 XC90

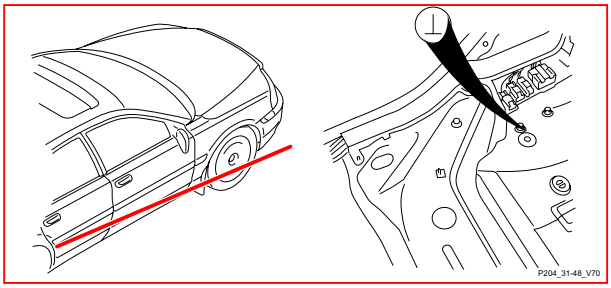
31/47 Ground connection, rear left seat riser V70



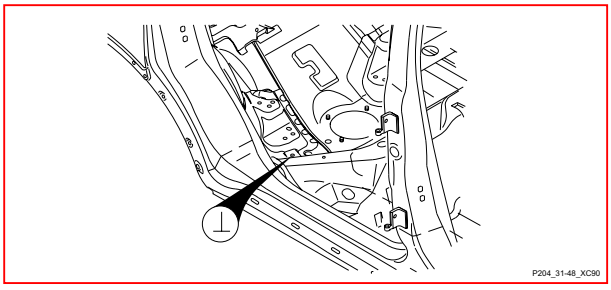
31/47 Ground connection, rear left seat riser XC90



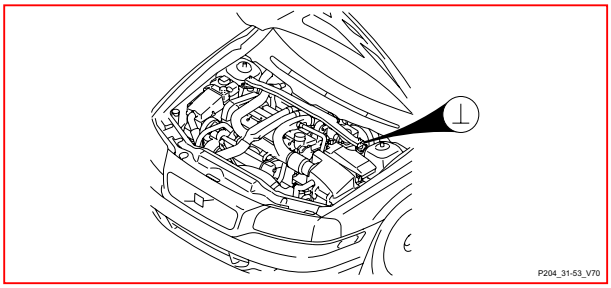
31/48 Ground connection, rear right seat riser V70



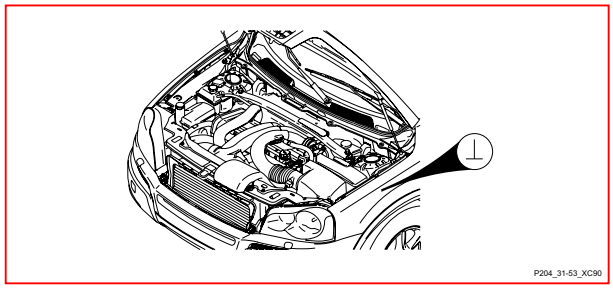
31/48 Ground connection, rear right seat riser XC90



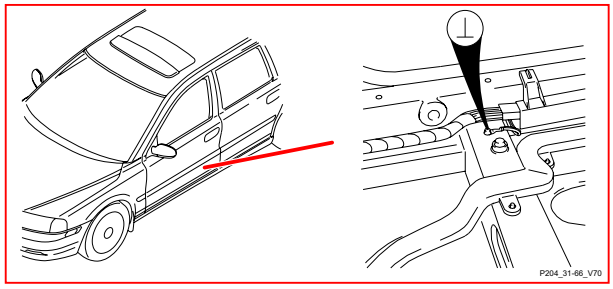
31/53 Ground connection, firewall, V70



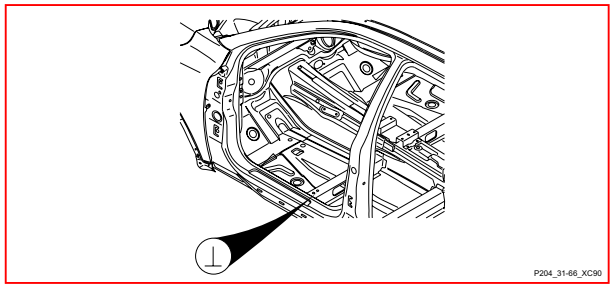
31/53 Ground connection, firewall, XC90



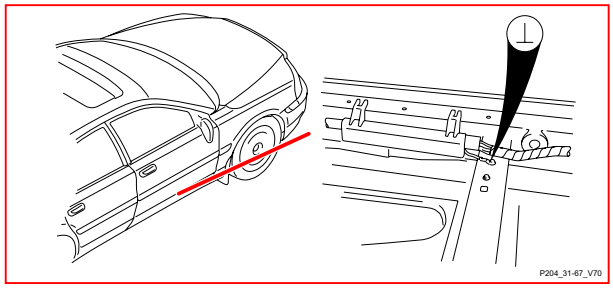
31/66 Ground connection, front left seat riser V70



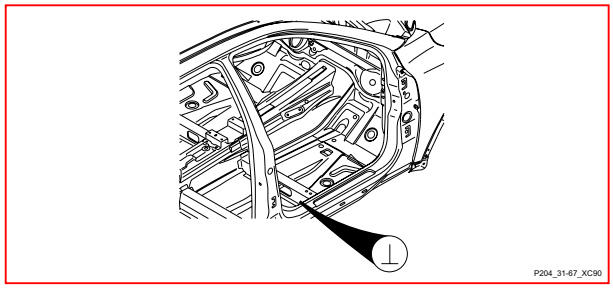
31/66 Ground connection, front left seat riser, XC90



31/67 Ground connection, front right seat riser V70

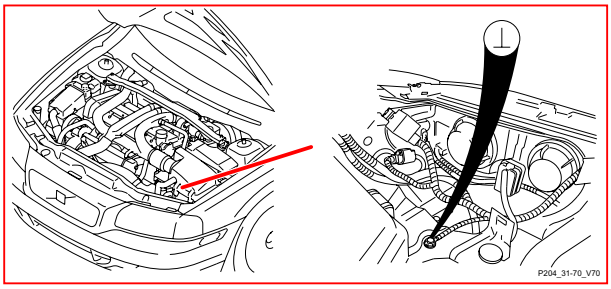


31/67 Ground connection, front right seat riser XC90

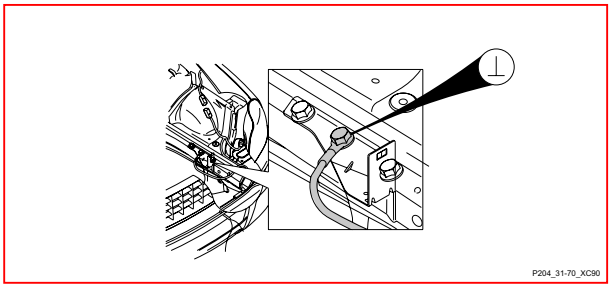


Component illustrations
31/70 V70 - 31/84 XC90

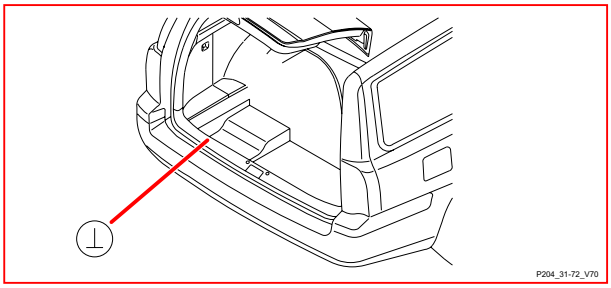
31/70 Ground connection, left-hand side member, lower engine compartment V70



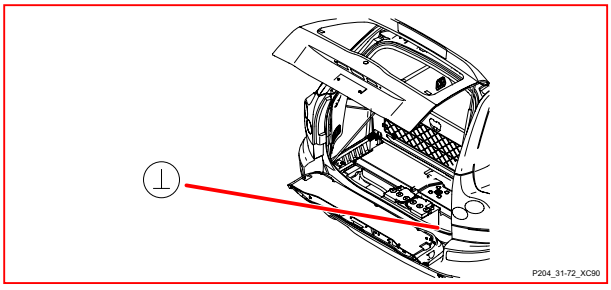
31/70 Ground connection, left-hand side member, lower engine compartment XC90



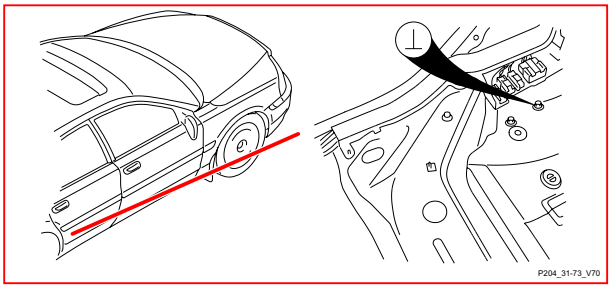
31/72 Ground connection, cargo compartment V70



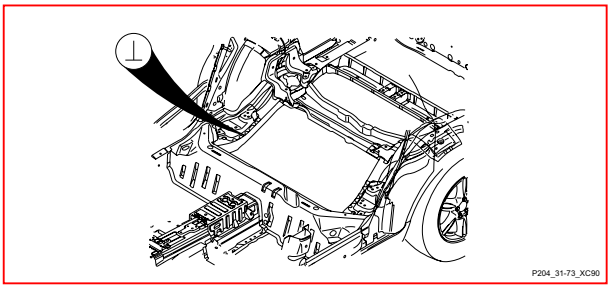
31/72 Ground connection, cargo compartment XC90



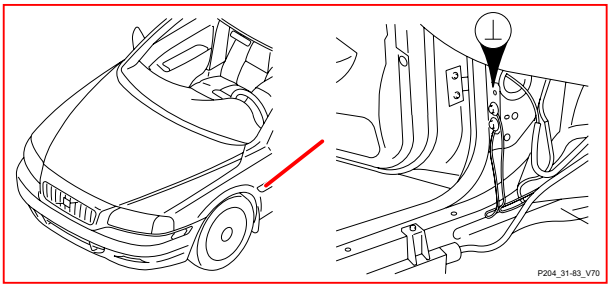
31/73 Ground connection, rear right seat riser V70



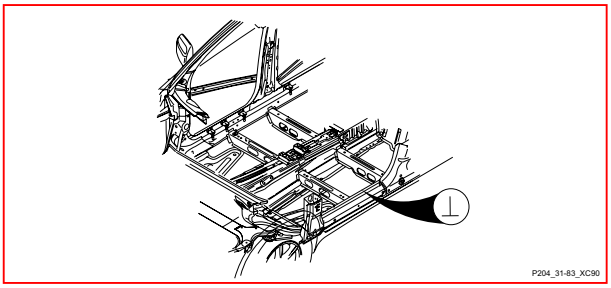
31/73 Ground connection, rear right seat riser XC90



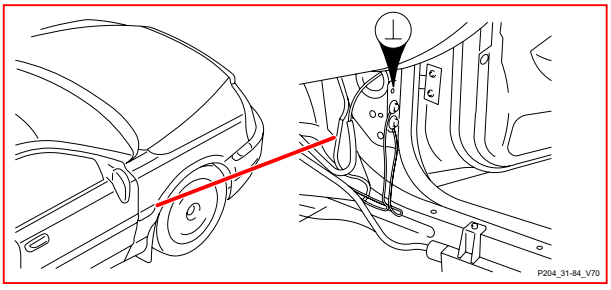
31/83 Ground connection, left-hand side A-post V70



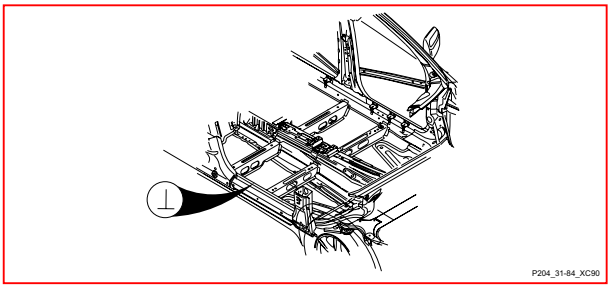
31/83 Ground connection, left-hand side A-post XC90



31/84 Ground connection, right-hand side A-post, V70

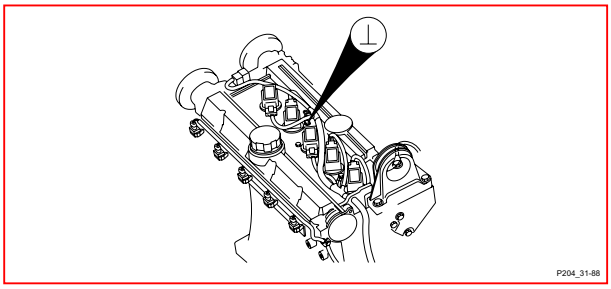


31/84 Ground connection, right-hand side A-post, XC90

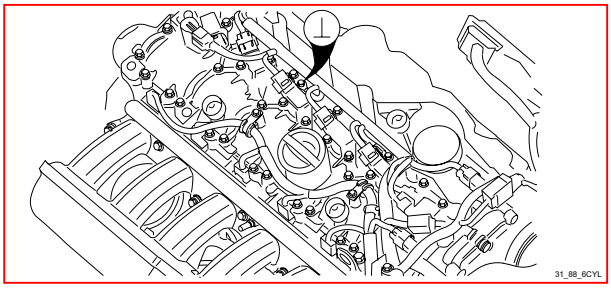


Component illustrations
31/88 - 31/93 XC90

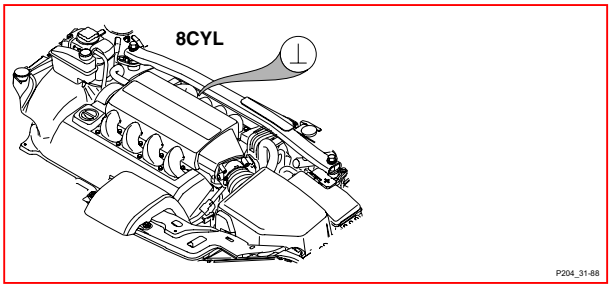
31/88 Ground connection, engine ignition coils, group 1



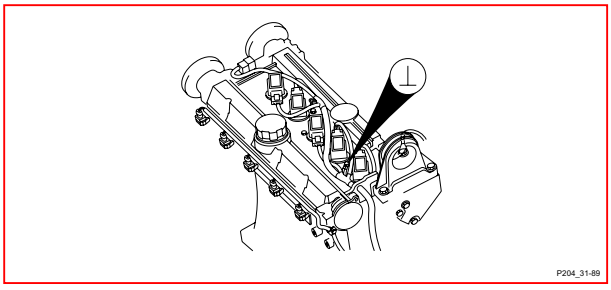
31/88 Ground connection, engine ignition coils, 6-cyl.



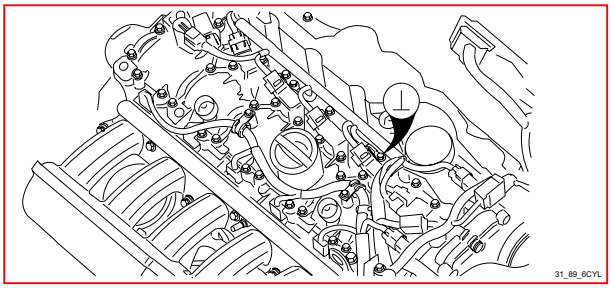
31/88 Ground connection, engine ignition coils, 8-cyl.



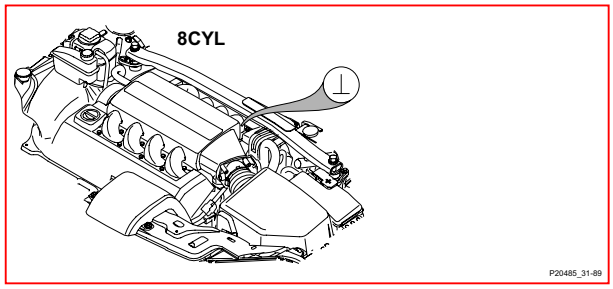
31/89 Ground connection, engine ignition coils, group 2



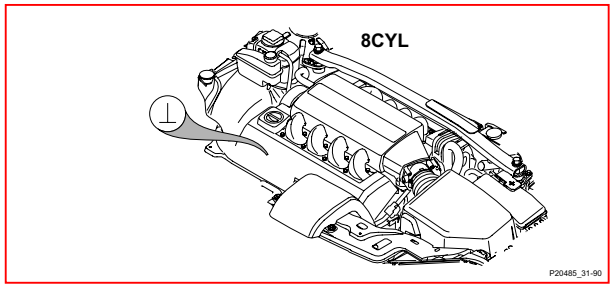
31/89 Ground connection, engine ignition coils, 6-cyl.



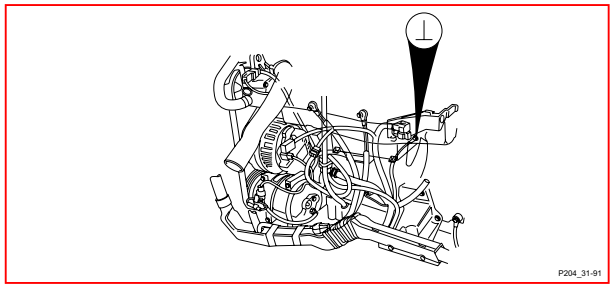
31/89 Ground connection, engine ignition coils, 8-cyl.



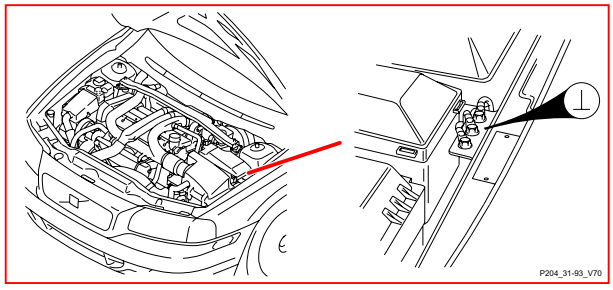
31/90 Ground connection, engine ignition coils, 8-cyl.



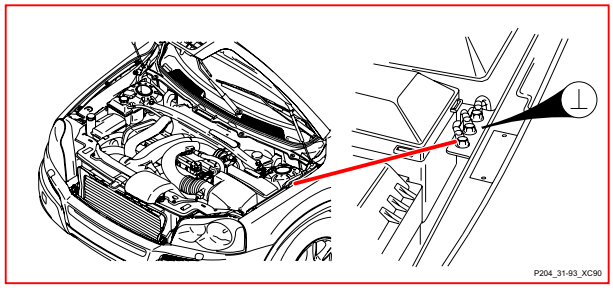
31/91 Ground connection, engine



31/93 Ground connection, left MacPherson strut tower V70

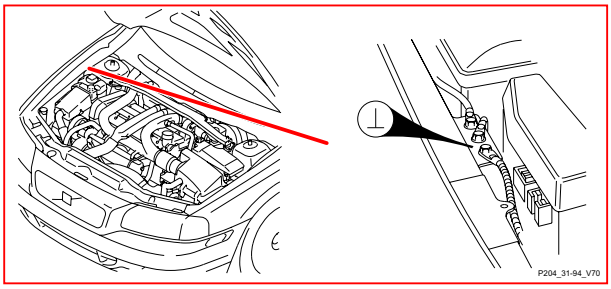


31/93 Ground connection, left MacPherson strut tower XC90

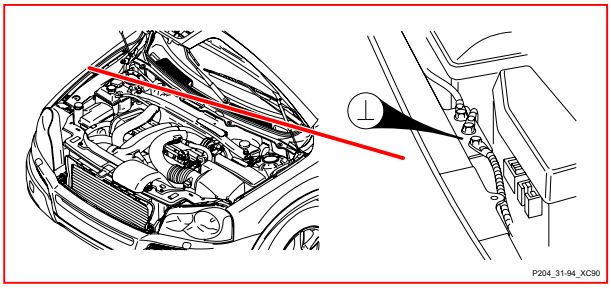


Component illustrations
31/94 V70 - 31/100

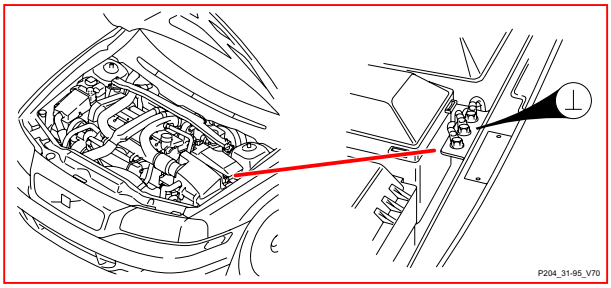
31/94 Ground connection, right MacPherson strut tower V70



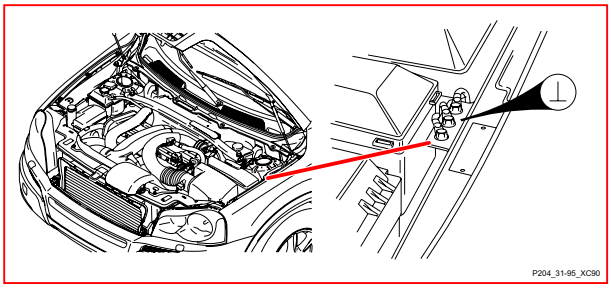
31/94 Ground connection, right MacPherson strut tower XC90



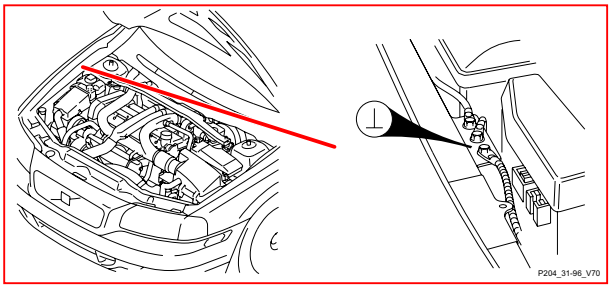
31/95 Ground connection, left MacPherson strut tower V70



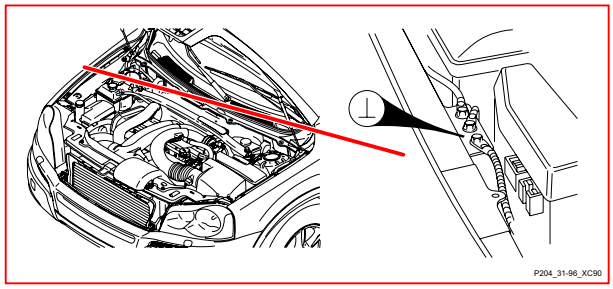
31/95 Ground connection, left MacPherson strut tower XC90



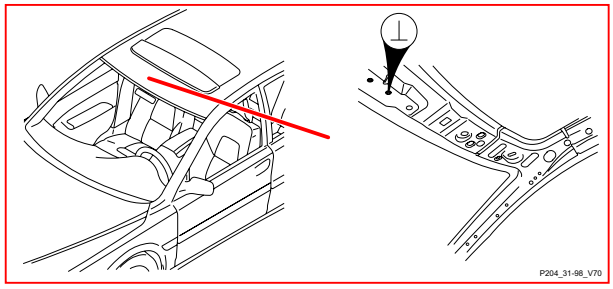
31/96 Ground connection, right MacPherson strut tower V70



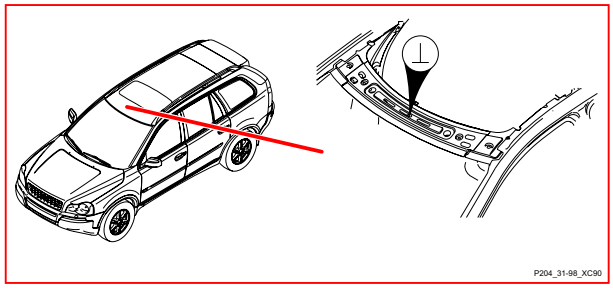
31/96 Ground connection, right MacPherson strut tower XC90



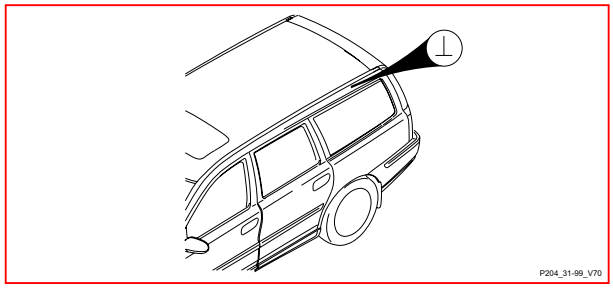
31/98 Ground connection, upper windshield member, V70



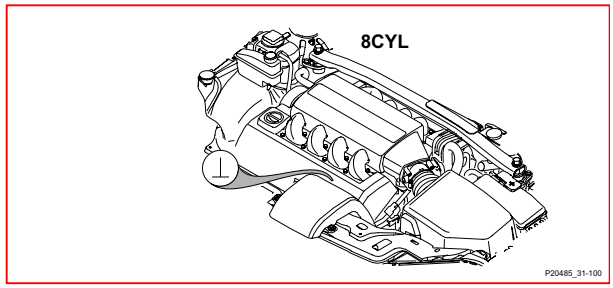
31/98 Ground connection, upper windshield member, XC90



31/99 Ground connection, Side window left

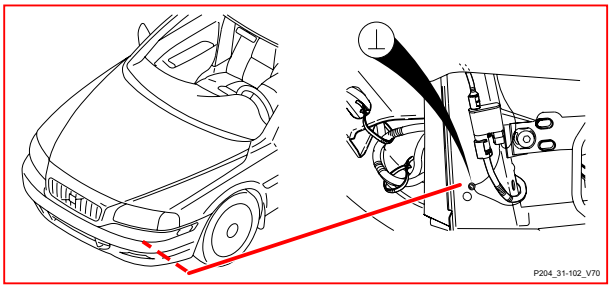


31/100 Ground connection, engine ignition coils, 8-cyl.

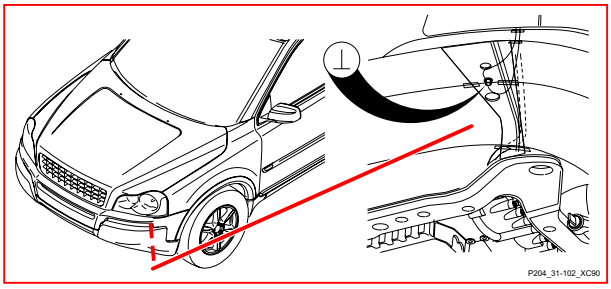


Component illustrations
31/102 V70 - 54/3.1 XC90

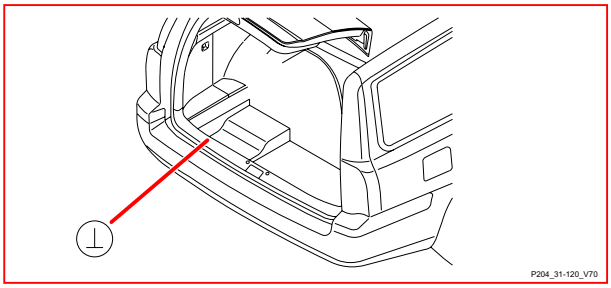
31/102 Ground connection, front member, V70



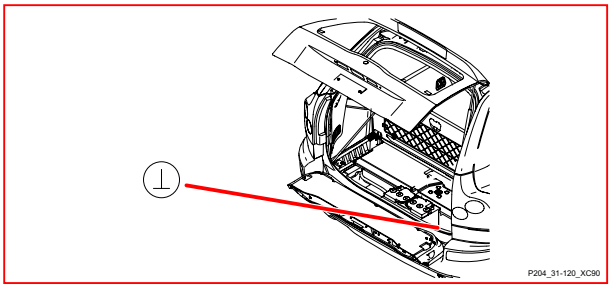
31/102 Ground connection, front member, XC90



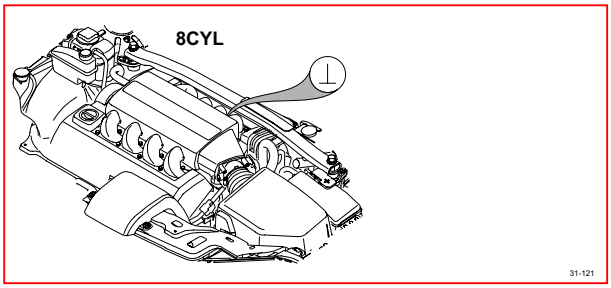
31/120 Ground connection, cargo compartment V70



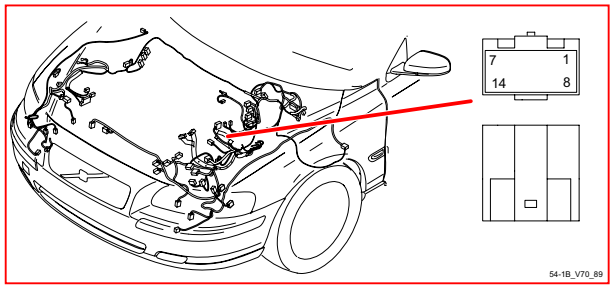
31/120 Ground connection, cargo compartment XC90



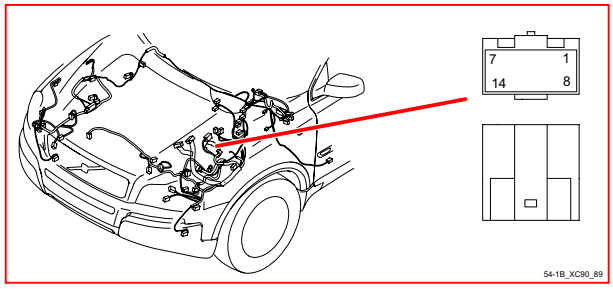
31/121 Ground connection, engine ignition coils, 8-Cyl.



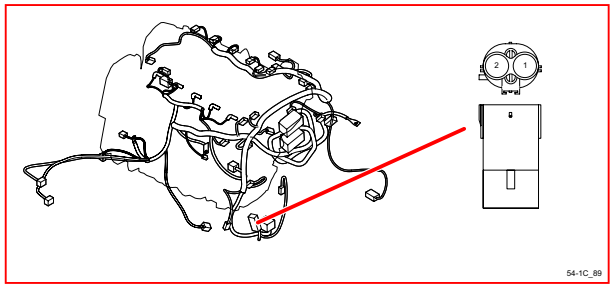
54/1B Connector V70



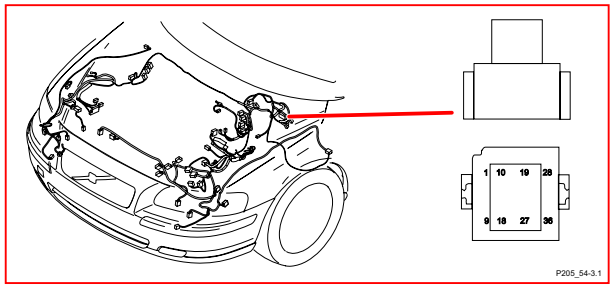
54/1B Connector XC90



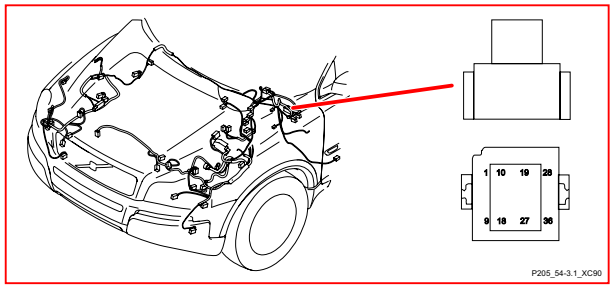
54/1C Connector



54/3.1 Connector V70

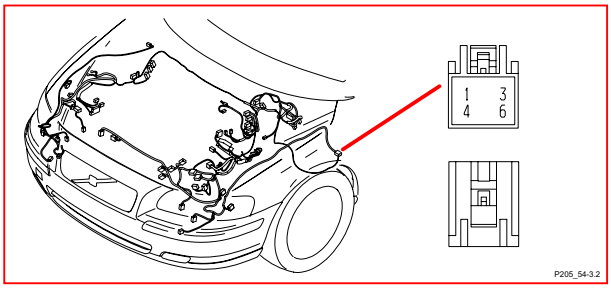


54/3.1 Connector XC90

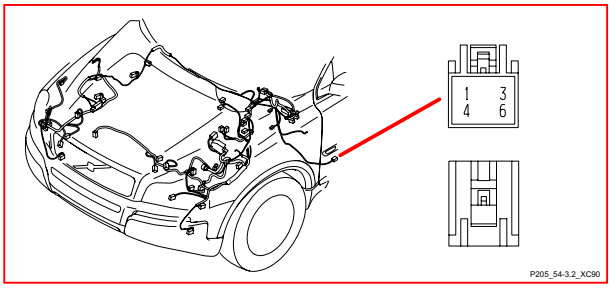


Component illustrations
54/3.2 V70 - 54/10 XC90

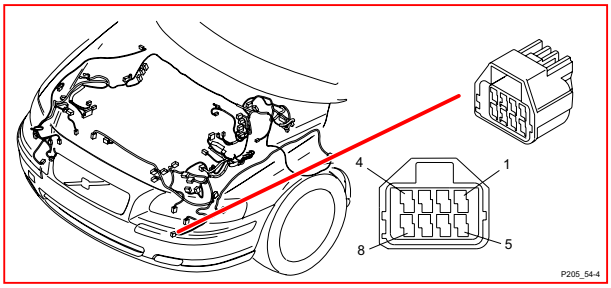
54/3.2 Connector V70



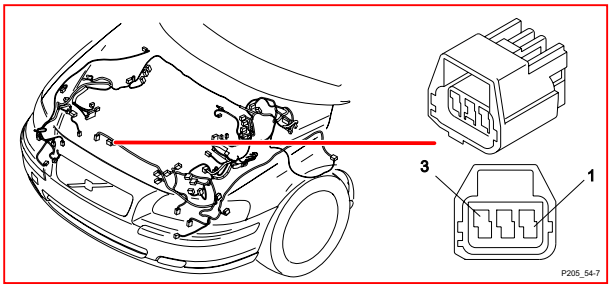
54/3.2 Connector XC90



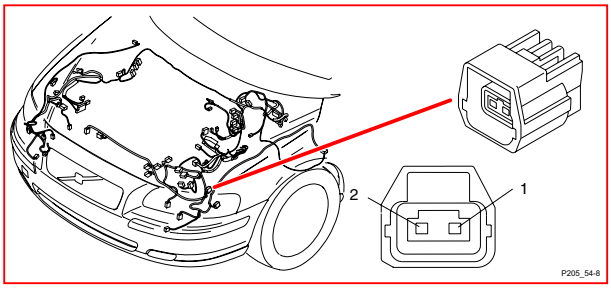
54/4 Connector



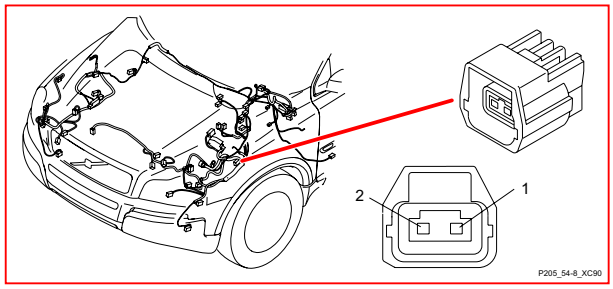
54/7 Connector



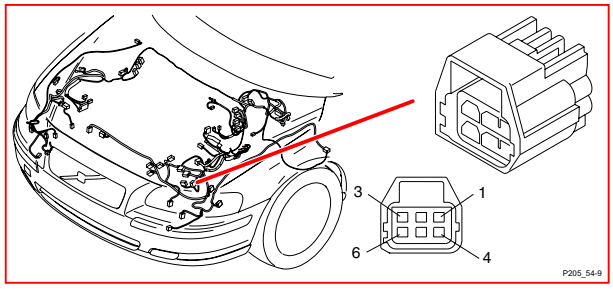
54/8 Connector V70



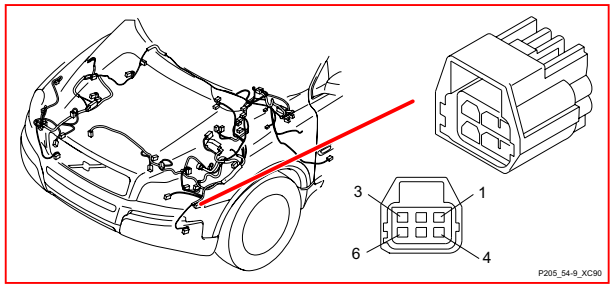
54/8 Connector XC90



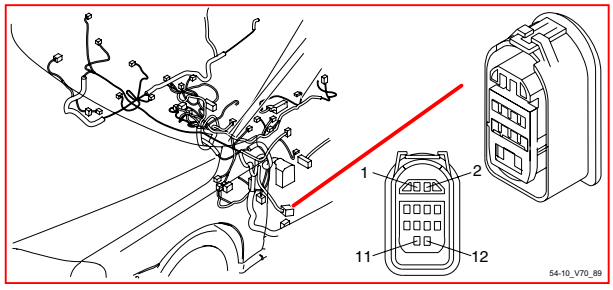
54/9 Connector V70



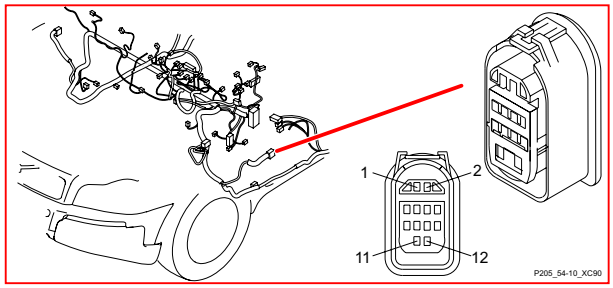
54/9 Connector XC90



54/10 Connector V70

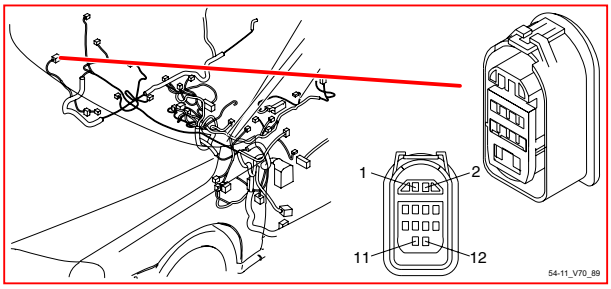


54/10 Connector XC90

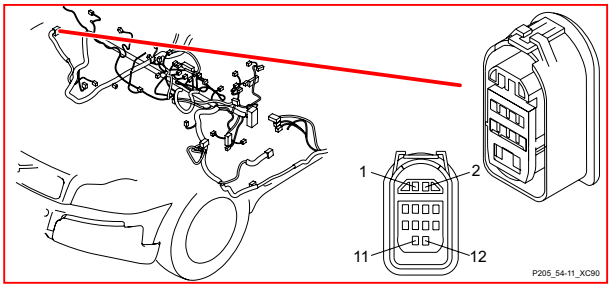


Component illustrations
54/11 V70 - 54/21

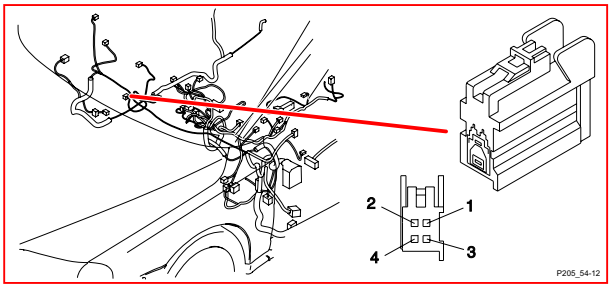
54/11 Connector V70



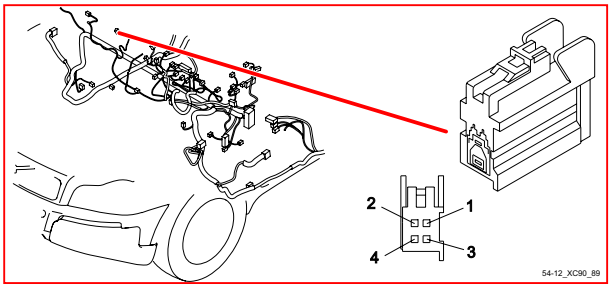
54/11 Connector XC90



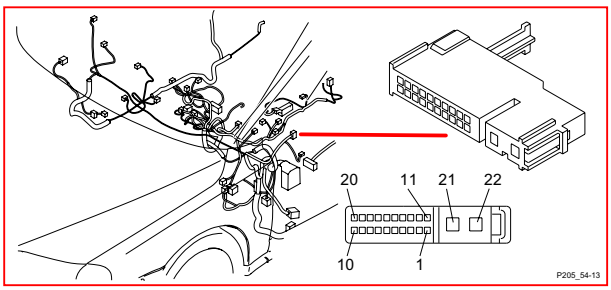
54/12 Connector V70



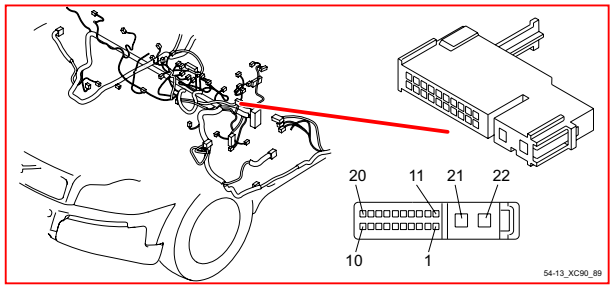
54/12 Connector XC90



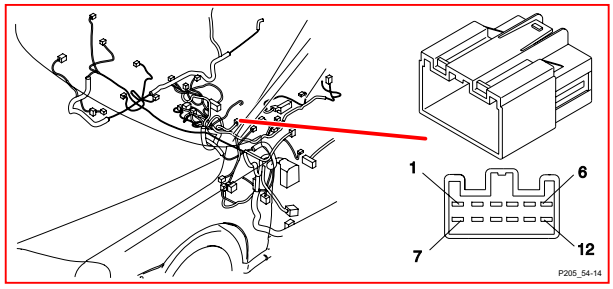
54/13 Connector V70



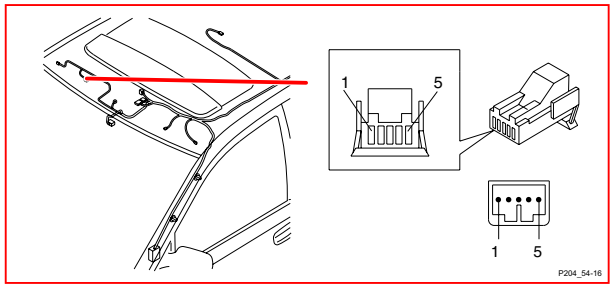
54/13 Connector XC90



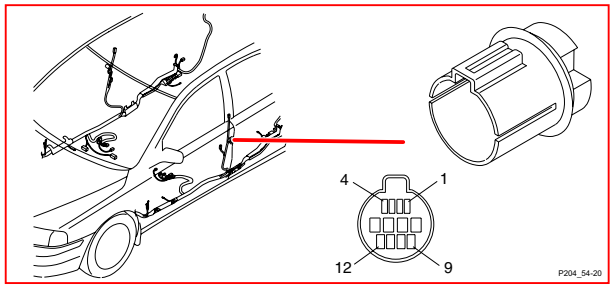
54/14 Connector



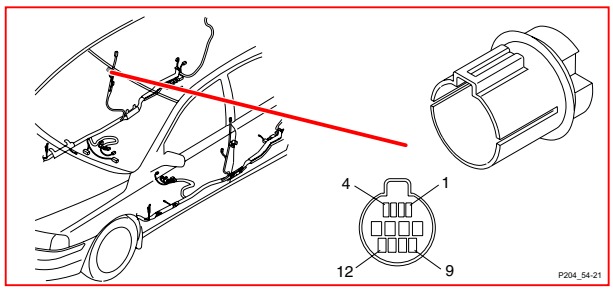
54/16 Connector



54/20 Connector

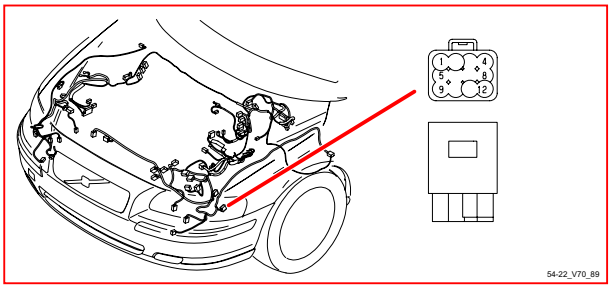


54/21 Connector

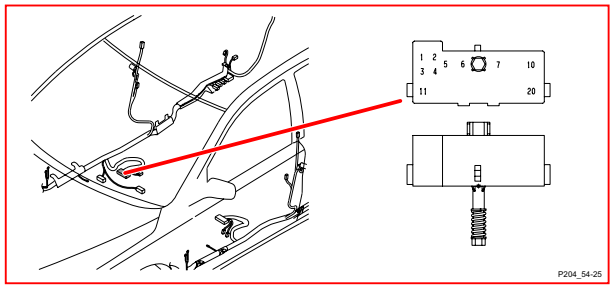


Component illustrations
54/22 V70 - 54/36 V70

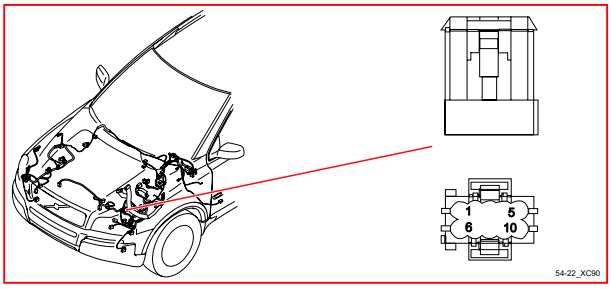
54/22 Connector V70



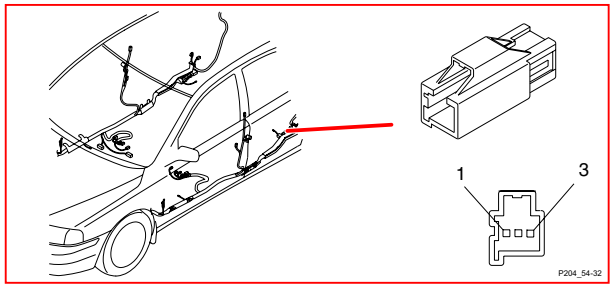
54/25 Connector



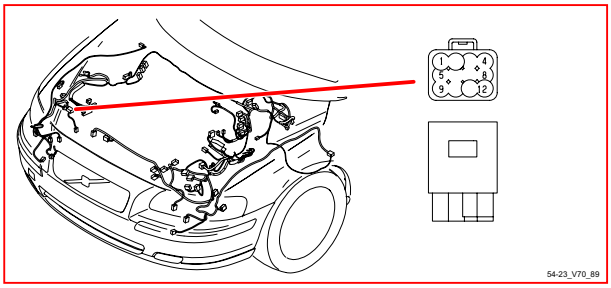
54/22 Connector XC90



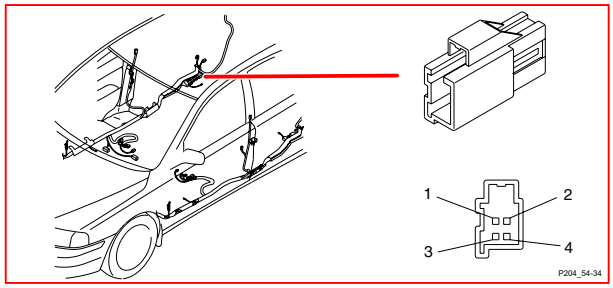
54/32 Connector



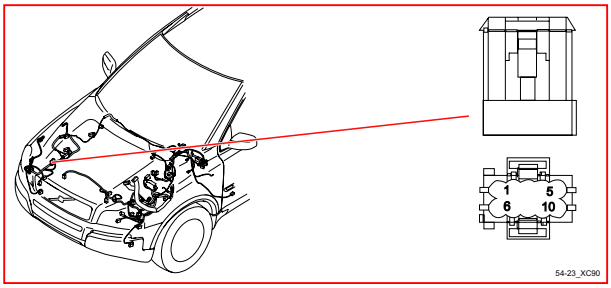
54/23 Connector V70



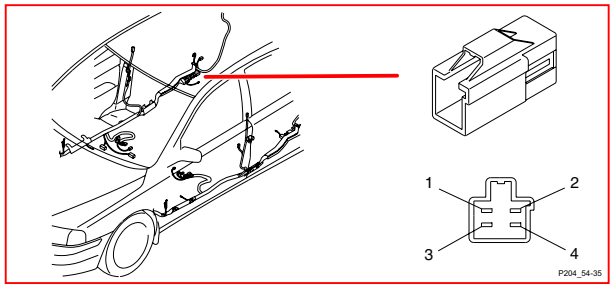
54/34 Connector



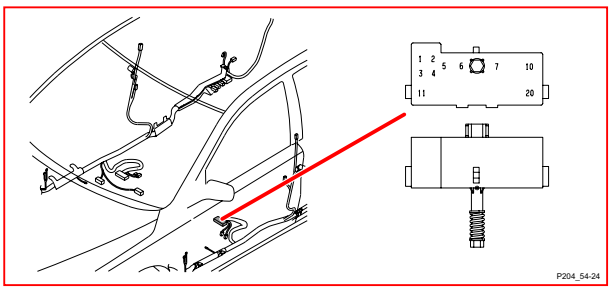
54/23 Connector XC90



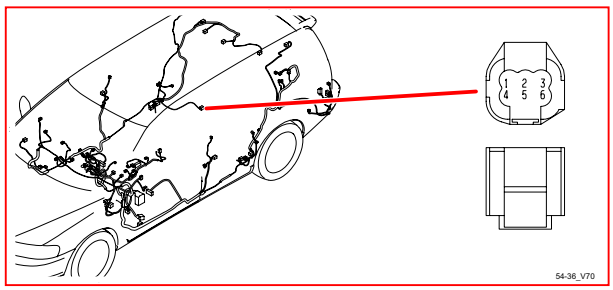
54/35 Connector



54/24 Connector

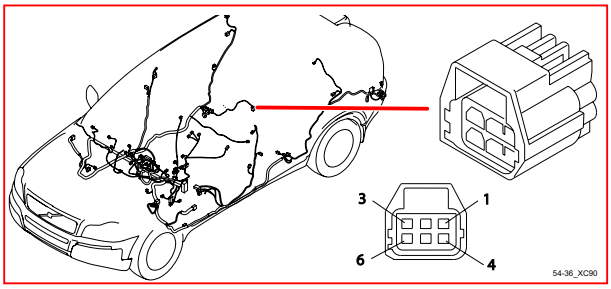


54/36 Connector V70

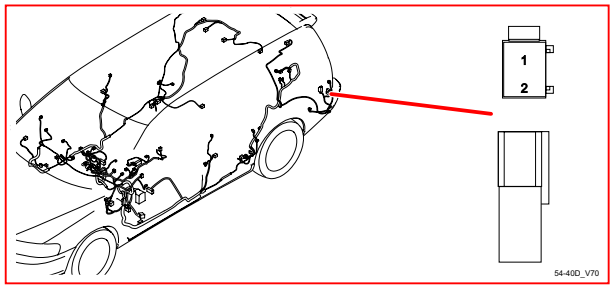


Component illustrations
54/36 - 54/50 V70

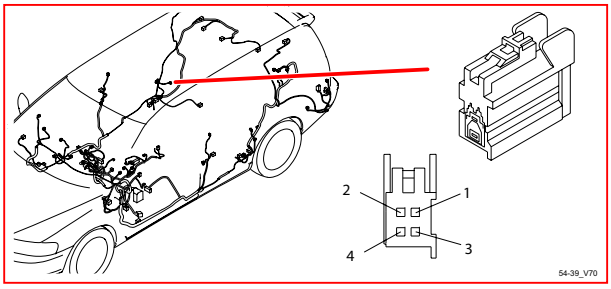
54/36 Connector XC90



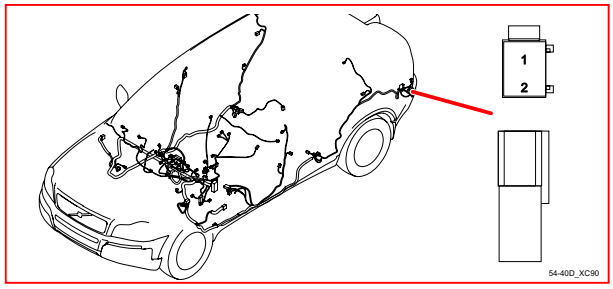
54/40D Connector V70



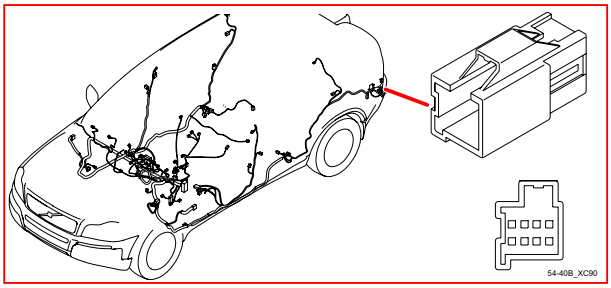
54/39 Connector



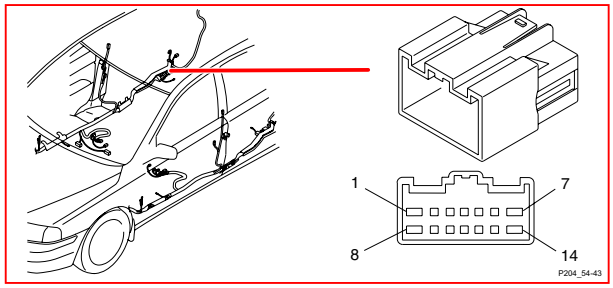
54/40D Connector XC90



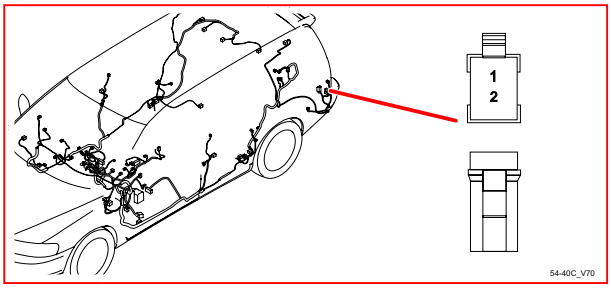
54/40B Connector



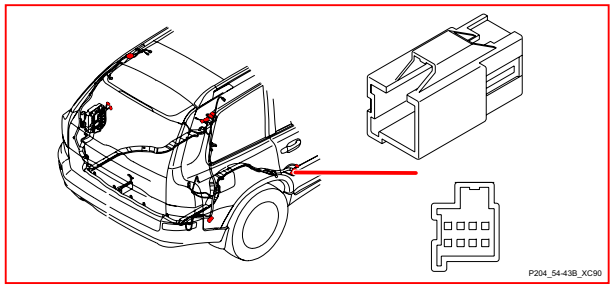
54/43 Connector



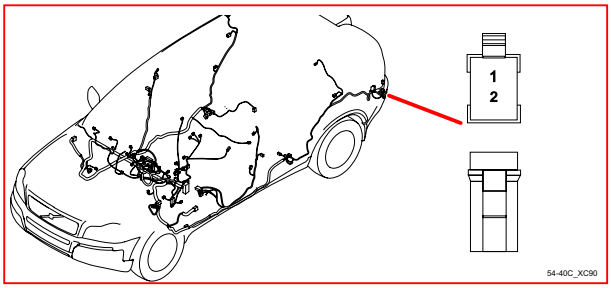
54/40C Connector V70



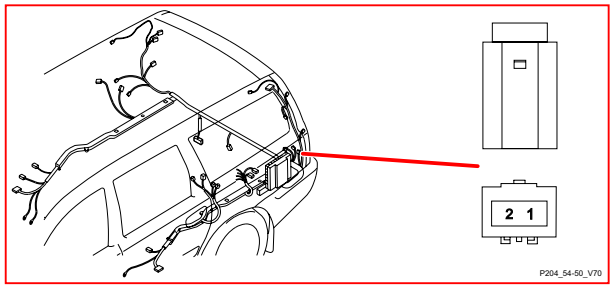
54/43B Connector



54/40C Connector XC90

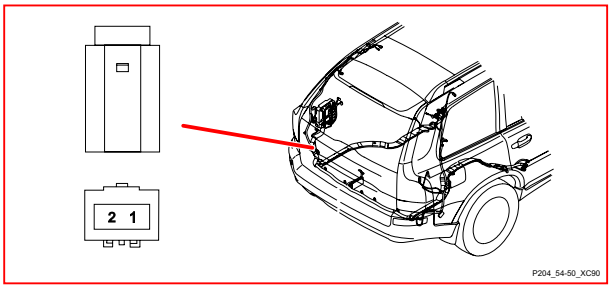


54/50 Connector V70

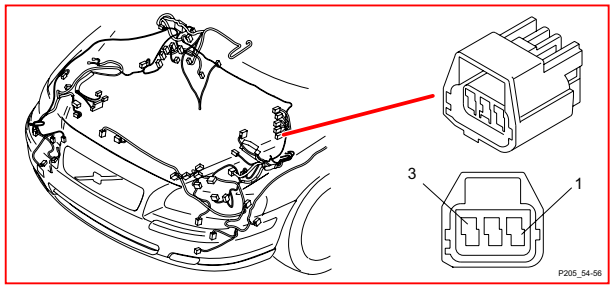


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54/50 XC90 - 54/66.1

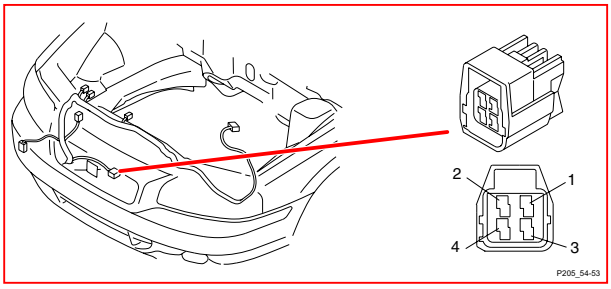
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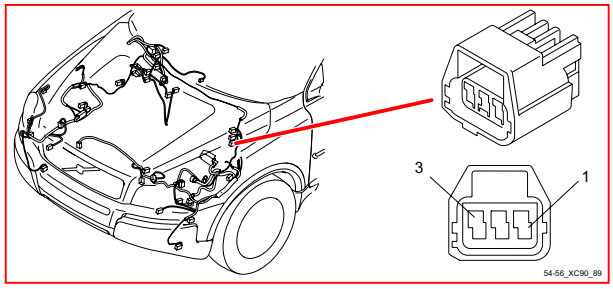
54/56 Connector V70



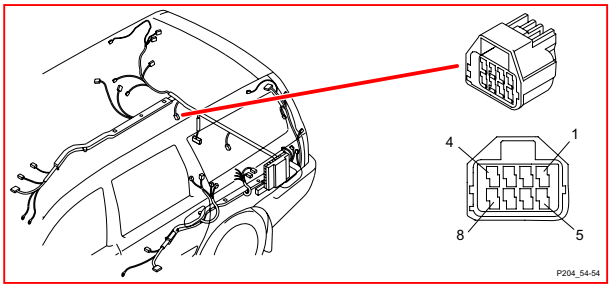
54/53 Connector



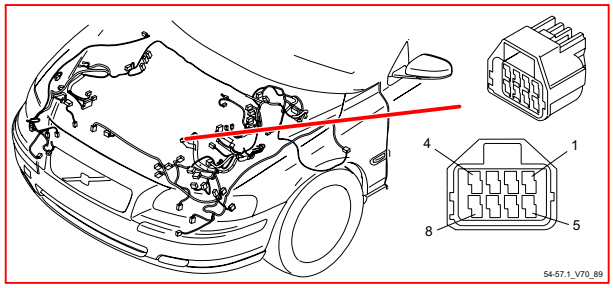
54/56 Connector XC90



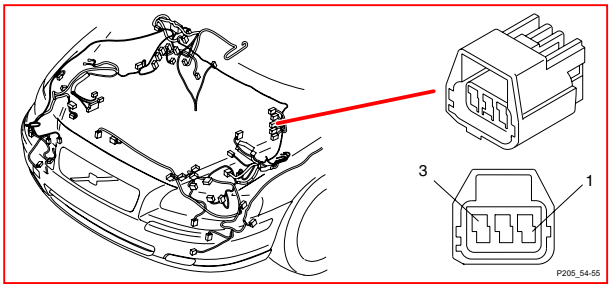
54/54 Connector



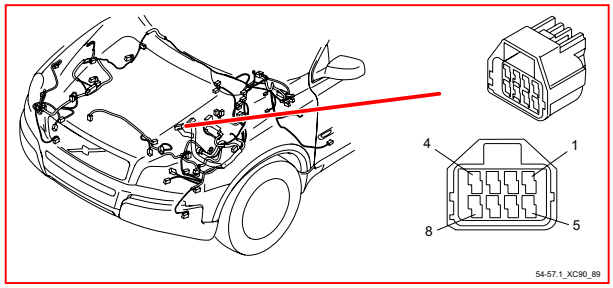
54/57.1Connector V70



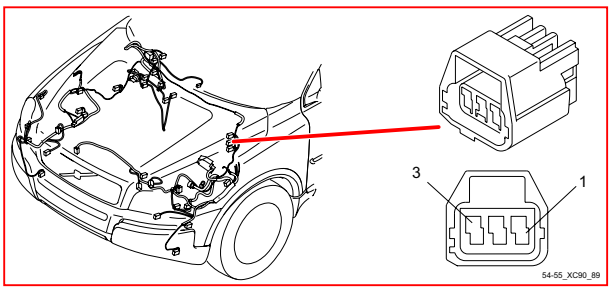
54/55 Connector V70



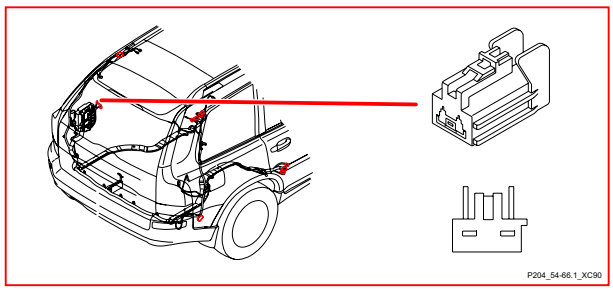
54/57.1Connector XC90



54/55 Connector XC90

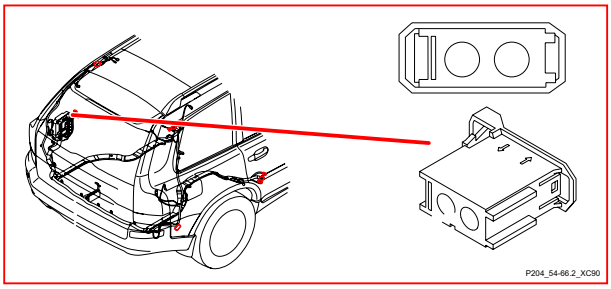


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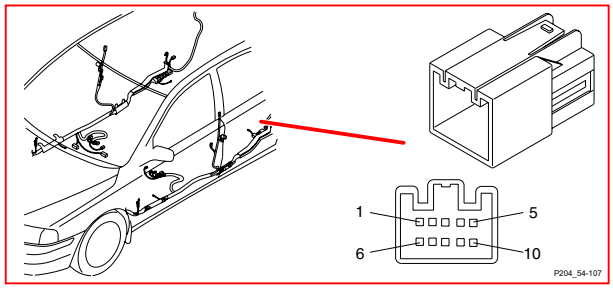


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54/66.2 - 54/122

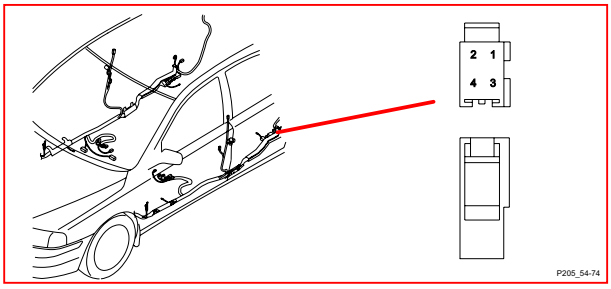
54/66.2Connector



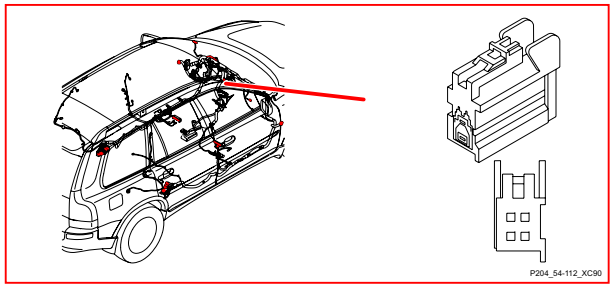
54/107 Connector



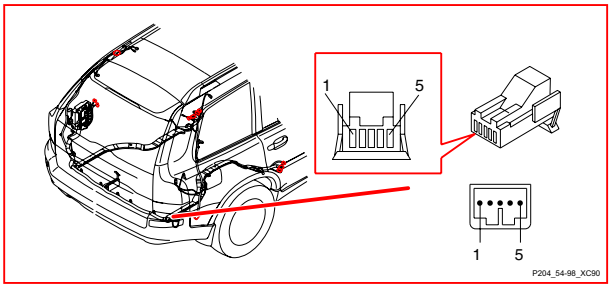
54/74 Connector



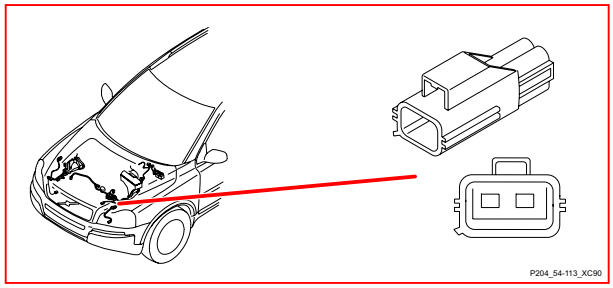
54/112 Connector



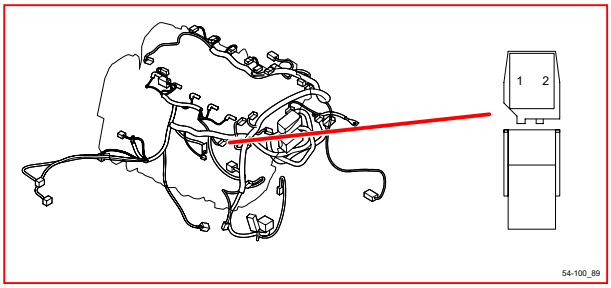
54/98 Connector



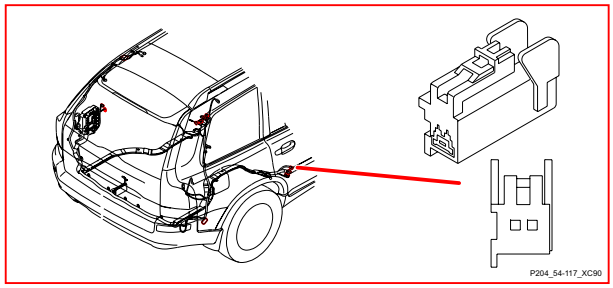
54/113 Connector



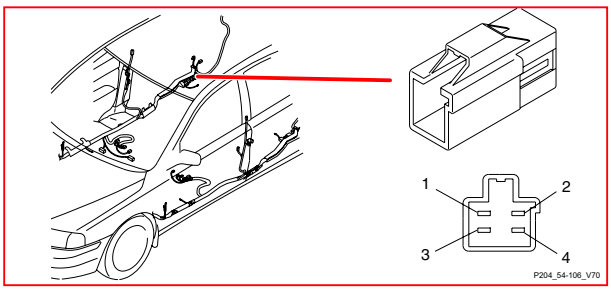
54/100 Connector



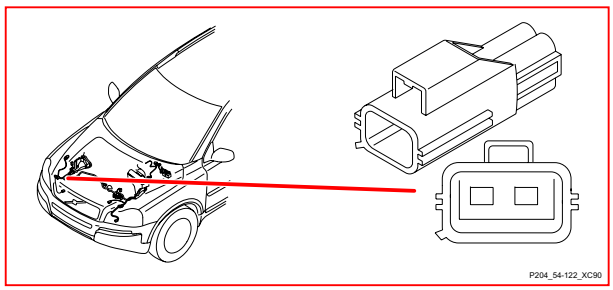
54/117 Connector



54/106 Connector

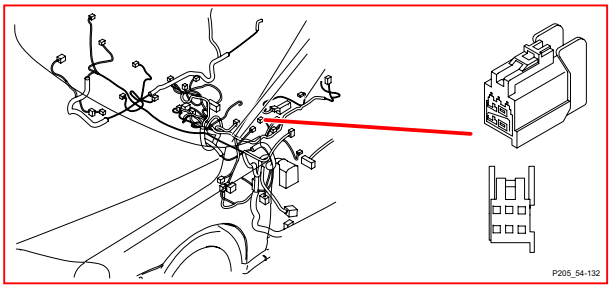


54/122 Connector

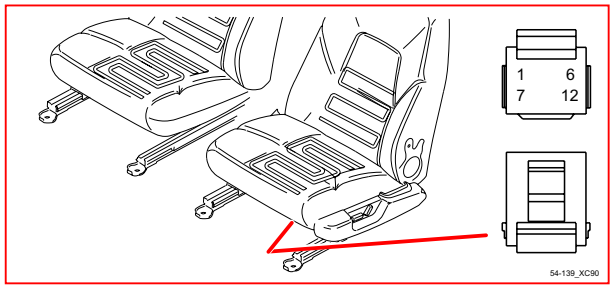


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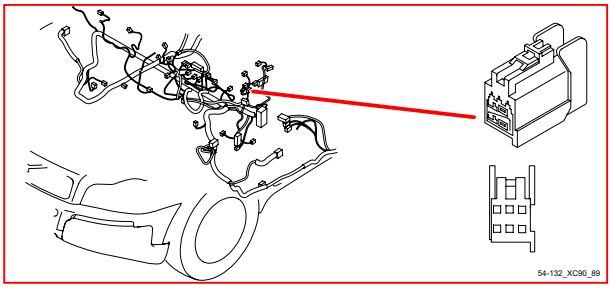
54/132 Connector V70



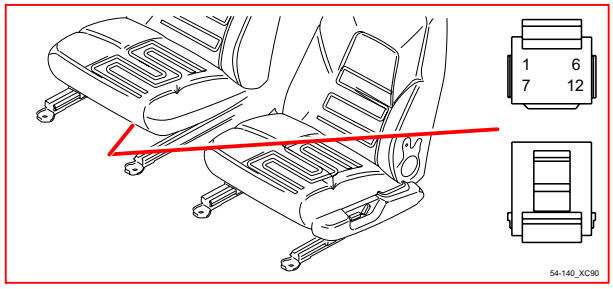
54/139 Connector



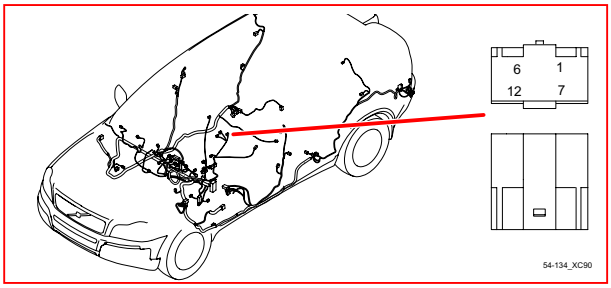
54/132 Connector XC90



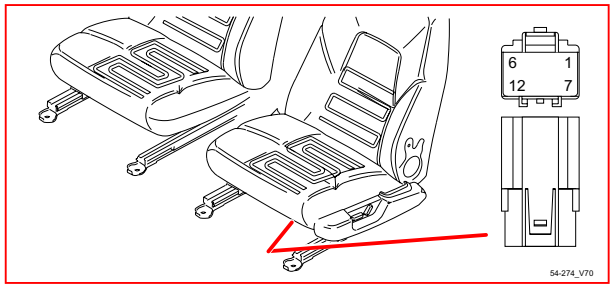
54/140 Connector



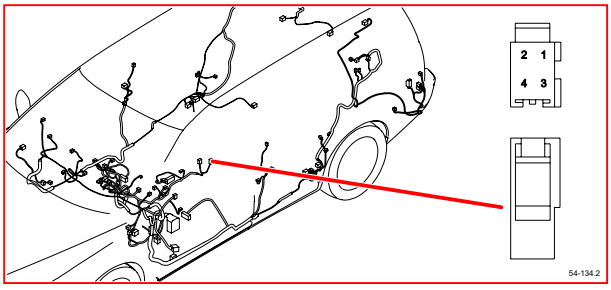
54/134 Connector



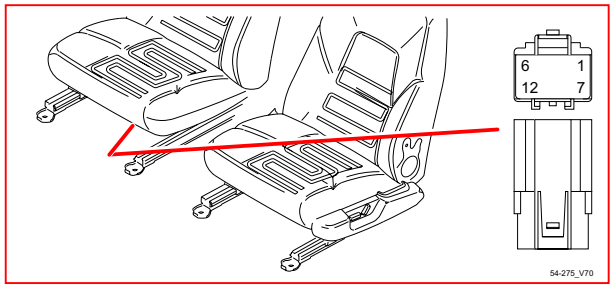
54/274 Connector



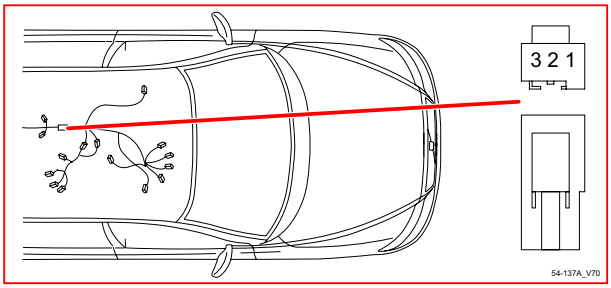
54/134.2Connector



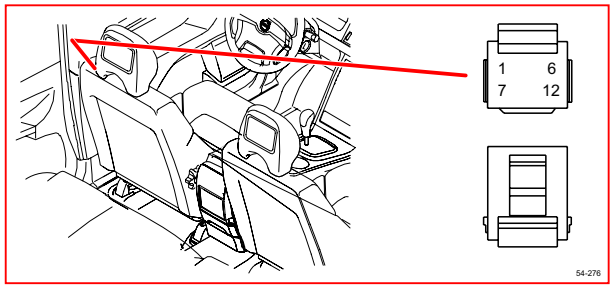
54/275 Connector



54/137A Connector

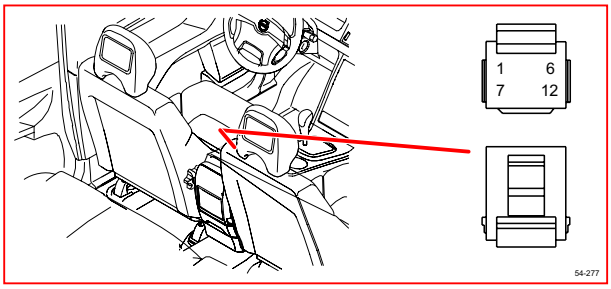


54/276 Connector

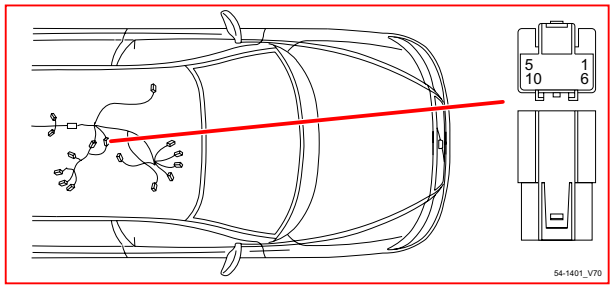


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54/277 - 54/1400 XC90

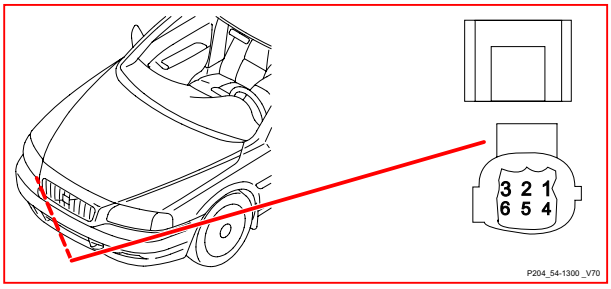
54/277 Connector



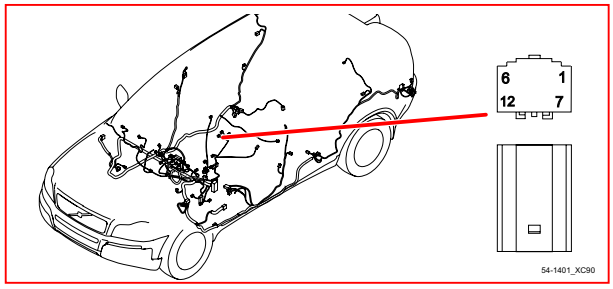
54/1401Connector V70



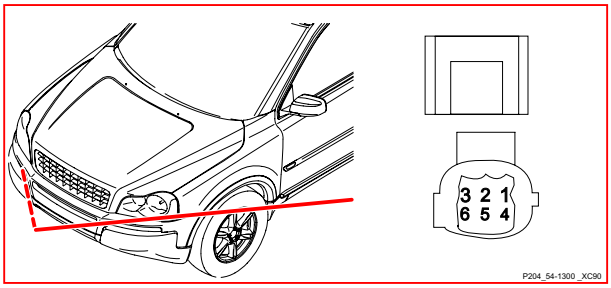
54/1300 Connector V70



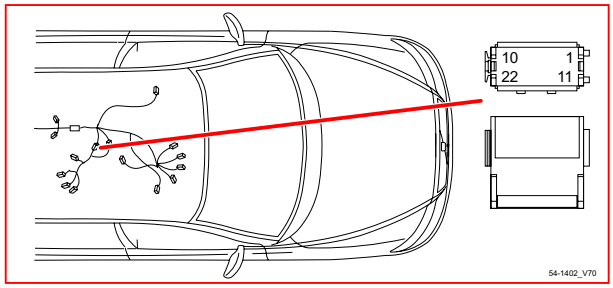
54/1401Connector XC90



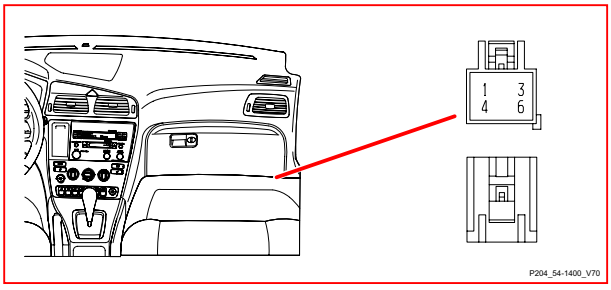
54/1300 Connector XC90



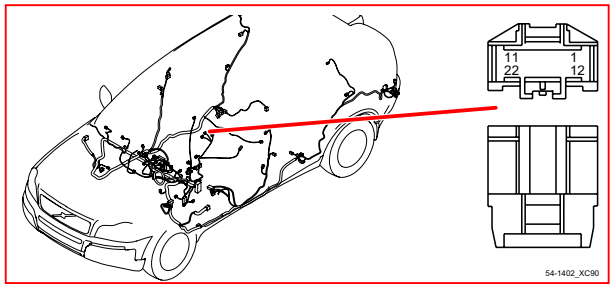
54/1402Connector V70



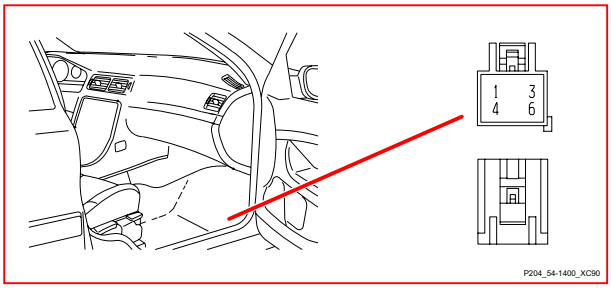
54/1400 Connector V70



54/1402Connector XC90



54/1400 Connector XC90



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3/1 Ignition switch XC90
3/4 Steering Wheel Switch Left (SWSL) V70
3/4 Steering Wheel Switch Left (SWSL) XC90
3/6 Switch, hazard warning flashers
3/8 Switch, heated rear window/exterior rearview mirrors V70
3/8 Switch, heated rear window/exterior rearview mirrors XC90
3/9 Brake light contact V70
3/9 Brake light contact XC90
3/10 Reversing light contact
3/25 Power sunroof switch V70
3/25 Power sunroof switch XC90
3/26 Switch unit, power driver's seat
3/27 Switch unit, power passenger seat
3/37 Horn contact V70
3/37 Horn contact XC90
3/47 Parking brake contact V70
3/47 Parking brake contact XC90
3/59 Headlight adjustment control V70
3/59 Headlight adjustment control XC90
3/60 Auxiliary light switch V70
3/60 Auxiliary light switch XC90
3/62 Hood alarm contact V70
3/62 Hood alarm contact XC90
3/71 Gear selector contacts AW51
3/73 Switch, child safety lock PCL V70
3/73 Switch, child safety lock PCL XC90
3/74 Lock unit, left front door, V70
3/74 Lock unit, left front door, XC90
3/75 Lock unit, right front door, V70
3/75 Lock unit, front right door, XC90
3/76 Lock unit, left rear door V70
3/76 Lock unit, left rear door, XC90
3/77 Lock unit, right rear door, V70
3/77 Lock unit, right rear door XC90
3/78 Lock unit, tailgate V70
3/78 Lock unit, tailgate XC90
3/80 Switch, central locking, left V70
3/80 Switch, central locking, left XC90
3/82 Switch, central locking, right V70
3/82 Switch, central locking, right XC90
3/85 Power window switch, left rear door V70
3/85 Power window switch, left rear door XC90
3/86 Power window switch, right rear door V70
3/86 Power window switch, right rear door XC90
3/91 Switch, left heated seat V70
3/91 Switch, left heated seat XC90
3/92 Switch, right heated seat V70
3/92 Switch, right heated seat XC90
3/93 Belt buckle contact, left seat V70
3/93 Belt buckle contact, left seat XC90
3/94 Belt buckle contact, right seat V70
3/94 Belt buckle contact, right seat XC90
3/95 Spin control switch V70
3/95 Spin control switch XC90

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3/111 Light Switch Module (LSM), V70
3/111 Light Switch Module (LSM), XC90
3/112 Climate Control Module (CCM) V70
3/112 Climate Control Module (CCM) XC90
3/117 Ceiling light switch unit, V70
3/117 Ceiling light switch unit, XC90
3/126 Driver/Passenger Door Module (DDM)/(PDM), V70
3/126 Driver/Passenger Door Module (DDM)/(PDM), XC90
3/127 Passenger/Driver Door Module (PDM)/(DDM), V70
3/127 Passenger/Driver Door Module (PDM)/(DDM), XC90
3/131 Steering Wheel Switch Right (SWSR) V70
3/131 Steering Wheel Switch Right (SWSR) XC90
3/135 RTI switch
3/155 Program selector, automatic transmission V70
3/155 Program selector, automatic transmission XC90
3/156 Gear Selector Module (GSM) V70
3/156 Gear Selector Module (GSM) XC90
3/157 Switch, passenger side airbag V70
3/157 Switch, passenger side airbag XC90
3/171 Switch, retractable exterior rearview mirrors V70
3/171 Switch, retractable exterior rearview mirrors XC90
3/173 Switch, tailgate private lock V70
3/173 Switch, tailgate private lock XC90
3/174 Switch, reduced alarm V70
3/174 Switch, reduced alarm XC90
3/225 Switch unit continuous damping control (CCD)
3/254 Steering Wheel Module (SWM)
3/255 Position sensor, driver's seat
3/256 Position sensor, passenger seat
3/267 Switch unit, telematics

4/7 Combustion Preheater Module (CPM) V70
4/7 Combustion Preheater Module (CPM) XC90
4/9 Supplemental Restraint System module (SRS)
4/16 Brake Control Module (BCM) V70
4/16 Brake Control Module (BCM) XC90
4/28 Transmission Control Module (TCM) TF-80SC
4/28 Transmission Control Module (TCM), AW51
4/31 Fan control module
4/33 Sun Roof Module (SRM) V70
4/33 Sun Roof Module (SRM) XC90
4/46 Engine Control Module (ECM), 5-cyl.
4/46 Engine Control Module (ECM) 6-cyl.
4/46 Engine Control Module (ECM) 8-cyl.
4/46 Engine Control Module (ECM) Diesel
4/50 Electronic Throttle Module (ETM)
4/52 Power Seat Module (PSM)
4/56 Central Electronic Module (CEM)
4/58 Rear Electronic Module (REM), V70
4/58 Rear Electronic Module (REM), XC90
4/58 Rear Electronic Module (REM) A-G
4/68 Steering Wheel Angle Sensor Module (SAS)
4/70 Upper Electronic Module (UEM) V70
4/70 Upper Electronic Module (UEM) XC90
4/71 Cooling fan control module
4/76 Remote control unit for garage door opener
4/78 Accessory Electronic Module (AEM) V70
4/78 Accessory Electronic Module (AEM) XC90
4/82 Differential Electronic Module (DEM) V70
4/82 Differential Electronic Module (DEM) XC90
4/83 Fuel pump control module V70
4/83 Fuel pump control module XC90
4/84 Suspension Module (SUM)
4/86 Parking Assistance Module (PAM) V70
4/86 Parking Assistance Module (PAM) XC90
4/99 Electronic power steering control module
4/106 Control module, remote parking heater start
4/107 Control module, parking heater, Call start
4/109 Glow plug control module
4/110 Trailer module V70
4/110 Trailer module XC90
4/118 Headlight Control Module (HCM
4/120 Parking Assistance Camera module (PAC)
4/124 Accessory USB unit (AUU)

5/1 Driver Information Module (DIM) V70
5/1 Driver Information Module (DIM) XC90

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6/1 Windshield wiper motor V70
6/1 Windshield wiper motor XC90
6/3 Right-hand headlight wiper motor
6/4 Left-hand headlight wiper motor
6/15 Sunroof motor V70
6/15 Sunroof motor XC90
6/16 Motor driver’s seat, backrest angle
6/17 Motor driver’s seat, up/down front edge
6/18 Motor driver’s seat, up/down rear edge
6/19 Motor driver’s seat, fore/aft
6/20 Motor passenger seat, fore/aft
6/25 Starter motor V70
6/25 Starter motor XC90
6/26 Alternator Control Module (ACM) V70
6/26 Alternator Control Module (ACM) XC90
6/28 Motor, passenger compartment fan
6/29 Motor, electric cooling fan
6/31 Feed pump, ejectors
6/32 Rear window wiper motor V70
6/32 Rear window wiper motor XC90
6/33 Fuel pump V70
6/33 Fuel pump XC90
6/35 Fuel pump, auxiliary heater V70
6/35 Fuel pump, auxiliary heater XC90
6/37 Lock motor, fuel filler flap V70
6/37 Lock motor, fuel filler flap XC90
6/38 Motor, left headlight adjustment
6/39 Motor, right headlight adjustment
6/44 Cooling fan, electrics box, engine compartment
6/48 Damper Motor Module (DMM), recirculation
6/58 Front left power window motor, V70
6/58 Front left power window motor, XC90
6/60 Front right power window motor, V70
6/60 Front right power window motor, XC90
6/62 Left power exterior rearview mirror, V70
6/62 Left power exterior rearview mirror, XC90
6/63 Right power exterior rearview mirror, V70
6/63 Right power exterior rearview mirror, XC90
6/64 Motor passenger seat, backrest angle
6/65 Motor passenger seat, up/down front edge
6/66 Motor passenger seat, up/down rear edge
6/67 Pump, fuel leakage control, V70
6/67 Pump, fuel leakage control, XC90
6/69 Damper Motor Module (DMM), ventilation/floor/defroster
6/71 Valve, speed-dependent power steering
6/73 Coolant pump, auxiliary heater V70
6/73 Coolant pump, auxiliary heater XC90
6/76 Climate control system, rear
6/92 Rear left power window motor, V70
6/92 Rear left power window motor, XC90
6/93 Rear right power window motor, V70
6/93 Motor, rear right power window XC90
6/95 Damper Motor Module (DMM), temperature, left-hand side
6/96 Damper Motor Module (DMM), temperature, right-hand side
6/102 Damper Motor Module (DMM), defroster
6/103 Damper Motor Module (DMM), floor/ventilation
6/104 High pressure headlight washer V70
6/104 High pressure headlight washer motor XC90
6/105 Fuel distributor, gas
6/113 Coolant pump, 8-Cyl.
6/114 Vacuum pump
6/118 Regulator motor, swirl throttle
6/120 Throttle body motor, 5-Cyl.
6/120 Throttle body motor, 6-Cyl.
6/120 Throttle body motor, 8-Cyl.
6/120 Throttle body motor Diesel
6/127 Washer motor V70
6/127 Washer motor XC90
6/139 Upper actuating motor, intake manifold
6/140 Lower actuating motor, intake manifold
6/143 Regulator motor, Turbo

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7/4 Brake fluid level sensor
7/5 Washer fluid level sensor V70
7/5 Washer fluid level sensor XC90
7/6 Oil pressure monitor V70
7/6 Oil pressure monitor XC90
7/8 Pressure sensor, climate control system V70
7/8 Pressure sensor, climate control system XC90
7/8 Pressure sensor, climate control system, 8-Cyl.
7/10 Interior temperature sensor
7/11 Outside temperature sensor V70
7/11 Outside temperature sensor XC90
7/12 Solar sensor, twilight sensor and indicator alarm V70
7/12 Solar sensor, twilight sensor and indicator alarm XC90
7/15 Heated oxygen sensor, 5-Cyl.
7/15 Front heated oxygen sensor, bank 2, 6-cyl.
7/15 Front heated oxygen sensor, bank 2, 8-cyl.
7/15 Heated oxygen sensor Diesel
7/16 Coolant temperature sensor V70
7/16 Coolant temperature sensor XC90
7/16 Coolant temperature sensor, 8-Cyl.
7/17 Mass air flow sensor (MAF) V70
7/17 Mass air flow sensor (MAF) XC90
7/17 Mass air flow sensor (MAF), 8-Cyl.
7/23 Rear knock sensor
7/23 Rear knock sensor, 8-Cyl.
7/24 Front knock sensor
7/24 Front knock sensor, 8-Cyl.
7/25 Impulse sensor
7/25 Impulse sensor, 6-cyl.
7/25 Impulse sensor, 8-Cyl.
7/31 Sensor ABS, front left
7/32 Sensor ABS, front right
7/35 Oil level sensor
7/41 Temperature sensor evaporator
7/51 Accelerator pedal sensor V70
7/51 Accelerator pedal sensor XC90
7/56 Sensor ABS, rear left
7/57 Sensor ABS, rear right
7/61 Input speed sensor AW51
7/61 Input speed sensor TF-80SC
7/62 Output speed sensor AW51
7/62 Output speed sensor TF-80SC
7/73 Coolant level sensor V70
7/73 Coolant level sensor XC90
7/74 Fluid temperature sensor, automatic transmission AW51
7/74 Fluid temperature sensor, automatic transmission TF-80SC
7/81 Intake manifold pressure sensor, 5-Cyl.
7/81 Intake manifold pressure sensor, 6-Cyl.
7/81 Intake manifold pressure sensor, 8-Cyl.
7/82 Rear heated oxygen sensor, 5-Cyl.
7/82 Rear heated oxygen sensor, bank 2, 6-Cyl.
7/82 Front heated oxygen sensor, bank 1, 8-Cyl.
7/87 Acceleration sensor, Four-C, front left
7/88 Acceleration sensor, Four-C, front right
7/89 Acceleration sensor, Four-C, rear left
7/91 Steering angle sensor V70
7/91 Steering angle sensor XC90
7/93 Occupant Weight Sensor (OWS)
7/100 Inclination Sensor Module (ISM) V70
7/100 Inclination Sensor Module (ISM) XC90
7/103 Front heated oxygen sensor, bank 1, 6-Cyl.
7/103 Rear heated oxygen sensor, bank 2, 8-Cyl.
7/104 Rear heated oxygen sensor, bank 1, 6-Cyl.
7/104 Rear heated oxygen sensor, bank 1, 8-Cyl.
7/105 Outside temperature sensor, engine control module V70
7/105 Outside temperature sensor, engine control module XC90
7/108 Side impact sensor, rear left V70
7/108 Side impact sensor, rear left XC90
7/109 Side impact sensor, rear right V70
7/109 Side impact sensor, rear right XC90
7/110 Left-hand seat temperature sensor
7/111 Right-hand seat temperature sensor
7/115 Side impact sensor, front left V70
7/115 Side impact sensor, front left XC90
7/116 Side impact sensor, front right V70
7/116 Side impact sensor, front right XC90
7/118 Acceleration sensor, shock absorber, Four-C, front left
7/119 Acceleration sensor, shock absorber, Four-C, front right

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7/120	Rear left angle sensor, Four-C/Bi-Xenon V70
7/120	Rear left angle sensor, Four-C/Bi-Xenon XC90
7/121	Rear right angle sensor, Four-C
7/122	Mass Movement Sensor (MMS), front V70
7/122	Mass Movement Sensor (MMS), front XC90
7/123	Clutch pedal sensor V70
7/123	Clutch pedal sensor XC90
7/124	Brake pedal sensor V70
7/124	Brake pedal sensor XC90
7/129	Brake pressure sensor 2 V70
7/129	Brake pressure sensor 2 XC90
7/130	Fuel level sensor, ejector side V70
7/130	Fuel level sensor, ejector side XC90
7/131-7/134	Rear parking assistance sensor
7/135	Glass breakage sensor, left-hand
7/136	Glass breakage sensor, right-hand
7/137	Glass breakage sensor, tailgate
7/139	Brake pressure sensor 1 V70
7/139	Brake pressure sensor 1 XC90
7/143	Fuel level sensor, pump side V70
7/143	Sensor fuel level, pump side XC90
7/149	Rain Sensor Module (RSM), V70
7/149	Rain Sensor Module (RSM), XC90
7/154	Fuel temperature sensor, Diesel
7/156	Pressure and temperature sensor, Bi-Fuel
7/156	Pressure and temperature sensor fuel
7/158	Mass Movement Sensor (MMS), rear
7/159	Air Quality Sensor (AQS)
7/162	Fuel rail pressure sensor, Diesel
7/164	Body Sensor Cluster Stability Sensor (BSC)
7/165	Pressure and temperature sensor, intake manifold
7/166	Oil level sensor, Diesel
7/172	Position sensor camshaft, intake side 5-Cyl.
7/172	Position sensor camshaft, intake side 6-Cyl.
7/172	Intake camshaft position sensor, bank 2, 8-cyl.
7/173	Camshaft position sensor, exhaust side, Diesel
7/173	Position sensor camshaft, outlet side 5-Cyl.
7/173	Position sensor camshaft, outlet side 6-Cyl.
7/173	Exhaust camshaft position sensor, bank 2, 8-cyl.
7/174	Differential pressure sensor, particle filter
7/175	Weight sensor passenger seat, seat belt reminder
7/178	Front impact sensor, right
7/179	Front impact sensor, left
7/188	Intake camshaft position sensor, bank 1, 8-Cyl.
7/189	Exhaust camshaft position sensor, bank 1, 8-Cyl.
7/190	Temperature sensor, catalytic converter
7/191	Temperature sensor, particle filter
7/201	Pressure and temperature sensor, gas
7/204-7/207	Front parking assistance sensor
8/3	Electromagnetic clutch, climate control system V70
8/3	Electromagnetic clutch, climate control system XC90
8/3	Electromagnetic clutch, climate control system, 8-Cyl.
8/6-10	Injectors, Diesel
8/6-11	Injectors, Gasoline
8/18	EVAP valve V70
8/18	EVAP valve XC90
8/18	EVAP valve, 8-Cyl.
8/19	Solenoid, variable valve timing, intake
8/19	Solenoid, variable valve timing, intake, 6-cyl.
8/19	Solenoid, variable valve timing, intake, bank 2, 8-cyl.
8/20	Shock absorber, Four-C, front left
8/21	Shock absorber, Four-C, front right
8/22	Shock absorber, Four-C, rear left
8/23	Shock absorber, Four-C, rear right
8/28	Turbocharger control valve V70
8/28	Turbocharger control valve XC90
8/30	Airbag igniter, driver's side
8/31	Igniter, passenger side airbag V70
8/31	Igniter, passenger side airbag XC90
8/32	Igniter, airbag stage 2, passenger side V70
8/32	Igniter passenger side airbag stage 2, XC90
8/33	Front left belt tensioner igniter V70
8/33	Front left belt tensioner igniter XC90
8/34	Front right belt tensioner igniter V70
8/34	Front right seat belt tensioner igniter XC90
8/36	Solenoid shift lock
8/37	Automatic transmission AW51
8/37	Automatic transmission TF-80SC
8/38	Shift solenoid 1 AW51
8/38	Shift solenoid 1 TF-80SC
8/39	Shift solenoid 2 AW51
8/39	Shift solenoid 2 TF-80SC
8/40	Lock-up solenoid AW51
8/40	Lock-up solenoid TF-80SC
8/41	Pressure solenoid AW51
8/46	Activation unit DSTC V70
8/46	Activation unit DSTC XC90

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8/51	Front left side airbag igniter V70
8/51	Front left side airbag igniter XC90
8/52	Front right side airbag igniter V70
8/52	Front right side airbag igniter XC90
8/55	Igniter, left rear belt tensioner
8/56	Igniter, right rear belt tensioner
8/61	Igniter, airbag stage 2, driver's side
8/62	Belt tensioner igniter, center rear seat V70
8/62	Belt tensioner igniter, center rear XC90
8/64	Solenoid valve, engine pad, Diesel V70
8/64	Solenoid valve, engine pad, Diesel XC90
8/66	Left inflatable curtain igniter, V70
8/66	Left inflatable curtain igniter, XC90
8/67	Right inflatable curtain igniter, V70
8/67	Right inflatable curtain igniter, XC90
8/71	Throttle solenoid AW51
8/71	Throttle solenoid TF-80SC
8/72	Shift solenoid 3 AW51
8/73	Shift solenoid 4 AW51
8/74	Shift solenoid 5 AW51
8/75	Valve, fuel cut-off DFCO
8/81	Solenoid, variable valve timing outlet
8/81	Solenoid, variable valve timing, exhaust, bank 2, 8-cyl.
8/84	Switch, vacuum pump
8/85	Thermostatic switch and fuel filter heating V70
8/85	Thermostatic switch and fuel filter heating XC90
8/88	Solenoid, fuel tank, Bi-Fuel, rear
8/89	Solenoid, fuel tank, Bi-Fuel, front left
8/90	Solenoid, fuel tank, Bi-Fuel, front right
8/94	Left belt tensioner igniter, third row of seats
8/95	Right belt tensioner igniter, third row of seats
8/96	Left inflatable curtain igniter, third row of seats
8/97	Right-hand inflatable curtain igniter, third row of seats
8/98	Fuel pressure control valve, Diesel
8/99	Igniter, steering column
8/107	Valve, variable intake, 8-Cyl.
8/111	Fuel flow control valve
8/113	Bypass valve, EGR cooling
8/117	Solenoid, variable valve timing, intake, bank 1, 8-cyl.
8/118	Solenoid, variable valve timing, exhaust, bank 1, 8-Cyl.
8/120	EGR valve
8/123	Igniter, airbag stage 3, driver's side
8/124	Igniter, airbag stage 3, passenger side
8/125	Solenoid front cam profile
8/126	Solenoid rear cam profile
8/134	Solenoid, reverse interlock, manual
8/142	Linear pressure solenoid SLB1 TF-80SC
8/143	Linear pressure solenoid SLC1 TF-80SC
8/144	Linear pressure solenoid SLC2 TF-80SC
8/145	Linear pressure solenoid SLC3 TF-80SC
8/146-8/153	Injection valves, 8-Cyl.
9/1	Outlet 12V front V70
9/1	Outlet 12V front XC90
9/2	Heated rear window, V70
9/2	Heated rear window, XC90
9/12	Seat Heating Module (SHM), left-hand
9/13	Seat Heating Module (SHM), right-hand
9/16	Left-hand backrest heating element
9/17	Right-hand backrest heating element
9/18	Left-hand seat heating element
9/19	Right-hand seat heating element
9/25	Outlet 12V rear V70
9/25	Outlet 12V rear XC90
9/30	Auxiliary heater V70
9/30	Auxiliary heater XC90
9/32	PTC resistor, crankcase ventilation
9/33	Left heated exterior rearview mirror
9/34	Right heated exterior rearview mirror
10/1	Left front lamp housing, V70
10/1	Left front lamp housing, XC90
10/2	Front right lamp housing V70
10/2	Right front lamp housing XC90
10/3	License plate lighting V70
10/3	License plate lighting XC90
10/5	Fog light, front left V70
10/5	Fog light, front left XC90
10/6	Fog light, front right V70
10/6	Fog light, front right XC90
10/11	Running/parking light, front left V70
10/11	Running/parking light, front left, XC90
10/12	Running/parking light, front right V70
10/12	Running/parking light, front right XC90
10/13	Direction indicator, front left V70
10/13	Direction indicator, front left XC90
10/14	Direction indicator, front right V70
10/14	Direction indicator, front right XC90
10/15	Direction indicator, left door mirror
10/16	Direction indicator, right door mirror
10/17	Lamp housing, rear right V70
10/17	Lamp housing, rear right XC90
10/18	Lamp housing, rear left V70
10/18	Lamp housing, rear left XC90
10/19	Auxiliary brake light V70
10/19	Auxiliary brake light XC90

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10/25	Ceiling light, cargo compartment
10/29	Glove compartment lighting V70
10/29	Glove compartment lighting XC90
10/43	Right brake light V70
10/43	Right brake light XC90
10/44	Tail light 1, right, V70
10/44	Tail light 1, right XC90
10/45	Tail light 2, right
10/46	Fog light, right rear V70
10/46	Fog light, rear right XC90
10/47	Direction indicator, right rear V70
10/47	Direction indicator, rear right, XC90
10/48	Right reversing light V70
10/48	Right reversing light XC90
10/50	Left brake light V70
10/50	Left brake light XC90
10/51	Tail light 1, left, V70
10/51	Tail light 1 left XC90
10/52	Tail light 2, left
10/53	Fog light, rear left V70
10/53	Fog light, left rear XC90
10/54	Direction indicator, rear left V70
10/54	Direction indicator, rear left, XC90
10/55	Left reversing light V70
10/55	Left reversing light XC90
10/64	Right high beam V70
10/64	Right high beam XC90
10/65	Auxiliary light, front right V70
10/65	Auxiliary light, front right XC90
10/66	Right low beam V70
10/66	Right low beam XC90
10/68	Left high beam V70
10/68	Left high beam XC90
10/69	Auxiliary light, front left V70
10/69	Auxiliary light, front left XC90
10/70	Left low beam V70
10/70	Left low beam XC90
10/71	Side running light, front left V70
10/71	Side running light, front XC90
10/73	Side running light, front right V70
10/73	Side running light, front right XC90
10/114	Vanity mirror lighting, left V70
10/114	Vanity mirror lighting, left XC90
10/115	Vanity mirror lighting, right V70
10/115	Vanity mirror lighting, right XC90
10/125	Courtesy lighting, front left V70
10/125	Courtesy lighting, front left XC90
10/126	Courtesy lighting, front right V70
10/126	Courtesy lighting, front right XC90
10/148	Left exterior rearview mirror lighting
10/149	Right exterior rearview mirror lighting
10/150	Rear reading light, V70
10/150	Rear reading light, XC90
10/151	Left-hand rear door switch lighting
10/152	Right-hand rear door switch lighting
10/161	Cupholder lighting
10/172	Reading light, third row of seats
10/173	Cargo compartment lighting, tailgate
10/218	Indicator light, remote start
11A/no.	Main fuses in engine compartment fuse box
11B/no.	Fuses in engine compartment fuse box
11C/no.	Fuses in the passenger compartment fuse box, V70
11C/no.	Fuses in the passenger compartment fuse box, XC90
11E/no.	Main fuses at the battery V70
11E/no.	Main fuses at the battery XC90
11L/no.	Fuse in fuse holder cargo compartment V70
11L/no.	Fuse in fuse holder cargo compartment V90
11M/no.	Fuse in spare fuse holder, cargo compartment V70
11O/no	Fuses in spare fuse holder, passenger compartment
15/31	Distribution box in engine compartment
16/1	Audio Module (AUM) V70
16/1	Integrated Audio Module (IAM) XC90
16/2	Amplifier
16/3	Speaker, right front door, V70
16/3	Speaker, front right door, XC90
16/4	Speaker, front left door V70
16/4	Speaker, front left door XC90
16/5	Speaker, right rear door V70
16/5	Speaker, right rear door XC90
16/6	Speaker, left rear door V70
16/6	Speaker, left rear door XC90
16/10	Horn 1, V70
16/10	Horn 1, XC90
16/11	Horn 2
16/15	CD changer
16/16	LH window antenna amplifier 1, V70
16/16	LH window antenna amplifier 1, XC90
16/26	Speaker, dashboard middle V70
16/26	Speaker, dashboard middle XC90
16/35	Siren (SCM) V70
16/35	Siren (SCM) XC90
16/36	TV receiver
16/45	Road Traffic Information module (RTI)
16/45	Portable navigation system
16/46	RTI display V70
16/46	Multimedia display XC90
16/47	GPS antenna, RTI

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16/50	Window antenna, rear left V70
16/50	Window antenna, left rear XC90
16/54	Window antenna, right rear V70
16/54	Window antenna, rear right XC90
16/55	Treble speaker, left front door V70
16/55	Treble speaker, left front door, XC90
16/56	Treble speaker, right front door, V70
16/56	Treble speaker, front right door, XC90
16/57	Speaker, left D-post V70
16/57	Speaker, left D-post XC90
16/58	Speaker, right D-post V70
16/58	Speaker, right D-post XC90
16/60	Phone Module (PHM), V70
16/60	Phone Module (PHM), XC90
16/62	Handset, cellular phone V70
16/62	Handset, cellular phone XC90
16/63	GPS antenna, cellular phone V70
16/63	GPS antenna, cellular phone XC90
16/64	Cellular phone antenna V70
16/64	Cellular phone antenna XC90
16/65	Antenna ring/ignition switch lighting, V70
16/65	Antenna ring/ignition switch lighting, XC90
16/67	Amplifier antenna, bumper
16/68	Antenna, bumper
16/71	RH window antenna amplifier 1, V70
16/71	Window antenna amplifier 1, right XC90
16/73	Window antenna amplifier 2, left
16/74	Window antenna amplifier 2, right
16/77	Microphone, cellular phone V70
16/77	Microphone, cellular phone XC90
16/78	Speaker, cellular phone
16/79	Bass speaker V70
16/79	Subwoofer Module (SUB), XC90
16/81A	Screen, LH head restraint
16/81B	Screen, RH head restraint
16/82	DVD player/control module V70
16/82	DVD player roof mounted XC90
16/93	Control module, cellular phone handsfree V70
16/93	Control module, cellular phone handsfree, XC90
16/94	Infotainment Control Module (ICM)
16/105	Audio Module (AUD)
16/108	Multimedia Module (MMM)
16/109	DVD player/control module
16/111	Outlet, rear left headphones
16/112	Outlet, rear right headphones
16/122	Rear Audio Separation module (RAS)
16/123	External equipment input (AUX)
16/123.3	RSE-AUX input
16/126	Holder, cellular phone handsfree, V70
16/126	Holder, handsfree cellular phone XC90
16/127	Microphone, cellular phone handsfree, V70
16/127	Microphone, cellular phone handsfree XC90
16/139	Global Positioning System Module (GPS)
16/145	Satellite radio receiver, V70
16/145	Satellite radio receiver, XC90
16/149	MP3 player
16/153	Satellite radio receiver antenna, V70
16/153	Satellite radio receiver antenna, XC90
17/13	Data link connector, V70
17/13	Data link connector, XC90
17/17	Jump start connection
17/19	12V outlet, cargo compartment V70
17/19	12V outlet, cargo compartment XC90
17/37	4-pin outlet, tow hitch cable harness V70
17/37	4-pin outlet, tow hitch cable harness XC90
17/38	7-pin outlet, tow hitch cable harness V70
17/38	7-pin outlet, tow hitch cable harness XC90 EU/OS
17/38	7-pin outlet, tow hitch cable harness XC90 USA
17/39	13-pin outlet, tow hitch cable harness V70
17/39	13-pin outlet, tow hitch cable harness XC90
17/40	External equipment input (AUX)
17/40.1	External equipment input (AUX)
17/40.2	External equipment input (AUX)
17/42	USB-port
18/4	Contact reel V70
18/4	Contact reel XC90
20/3-8	Spark plug and ignition coil
20/14	Condenser, 8-cyl.
20/16	Capacitor
20/22-26	Glow plug
20/46-53	Spark plug with ignition coil, 8-Cyl.
26/4	Converter, direction indicators & brake lights, USA V70
26/4	Converter, direction indicators & brake lights, USA XC90
27/3	Left Camera Module (LCM)
27/4	Right Camera Module (RCM)
27/6	Camera

List of components 9:10

31/1	Ground connection, right MacPherson strut tower V70
31/1	Ground connection, right MacPherson strut tower XC90
31/2	Ground connection, left MacPherson strut tower V70
31/2	Ground connection, left MacPherson strut tower XC90
31/4	Ground connection, engine
31/6	Ground connection, left-hand side A-post V70
31/6	Ground connection, left-hand side A-post XC90
31/10	Ground connection, right-hand side A-post, V70
31/10	Ground connection, right-hand side A-post, XC90
31/44	Ground connection, left-hand side member, lower engine compartment V70
31/44	Ground connection, left-hand side member, lower engine compartment XC90
31/46	Ground connection, rear left seat riser V70
31/46	Ground connection, rear left seat riser XC90
31/47	Ground connection, rear left seat riser V70
31/47	Ground connection, rear left seat riser XC90
31/48	Ground connection, rear right seat riser V70
31/48	Ground connection, rear right seat riser XC90
31/53	Ground connection, firewall, V70
31/53	Ground connection, firewall, XC90
31/66	Ground connection, front left seat riser V70
31/66	Ground connection, front left seat riser, XC90
31/67	Ground connection, front right seat riser V70
31/67	Ground connection, front right seat riser XC90
31/70	Ground connection, left-hand side member, lower engine compartment V70
31/70	Ground connection, left-hand side member, lower engine compartment XC90
31/72	Ground connection, cargo compartment V70
31/72	Ground connection, cargo compartment XC90
31/73	Ground connection, rear right seat riser V70
31/73	Ground connection, rear right seat riser XC90
31/83	Ground connection, left-hand side A-post V70
31/83	Ground connection, left-hand side A-post XC90
31/84	Ground connection, right-hand side A-post, V70
31/84	Ground connection, right-hand side A-post, XC90
31/88	Ground connection, engine ignition coils, group 1
31/88	Ground connection, engine ignition coils, 6-cyl.
31/88	Ground connection, engine ignition coils, 8-cyl.
31/89	Ground connection, engine ignition coils, group 2
31/89	Ground connection, engine ignition coils, 6-cyl.
31/89	Ground connection, engine ignition coils, 8-cyl.
31/90	Ground connection, engine ignition coils, 8-cyl.
31/91	Ground connection, engine
31/93	Ground connection, left MacPherson strut tower V70
31/93	Ground connection, left MacPherson strut tower XC90
31/94	Ground connection, right MacPherson strut tower V70
31/94	Ground connection, right MacPherson strut tower XC90
31/95	Ground connection, left MacPherson strut tower V70
31/95	Ground connection, left MacPherson strut tower XC90
31/96	Ground connection, right MacPherson strut tower V70
31/96	Ground connection, right MacPherson strut tower XC90
31/98	Ground connection, upper windshield member, V70
31/98	Ground connection, upper windshield member, XC90
31/99	Ground connection, Side window left
31/100	Ground connection, engine ignition coils, 8-cyl.
31/102	Ground connection, front member, V70
31/102	Ground connection, front member, XC90
31/120	Ground connection, cargo compartment V70
31/120	Ground connection, cargo compartment XC90
31/121	Ground connection, engine ignition coils, 8-Cyl.
53/no	Branching points

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54/1B	Connector V70
54/1B	Connector XC90
54/1C	Connector
54/3.1	Connector V70
54/3.1	Connector XC90
54/3.2	Connector V70
54/3.2	Connector XC90
54/4	Connector
54/7	Connector
54/8	Connector V70
54/8	Connector XC90
54/9	Connector V70
54/9	Connector XC90
54/10	Connector V70
54/10	Connector XC90
54/11	Connector V70
54/11	Connector XC90
54/12	Connector V70
54/12	Connector XC90
54/13	Connector V70
54/13	Connector XC90
54/14	Connector
54/16	Connector
54/20	Connector
54/21	Connector
54/22	Connector V70
54/22	Connector XC90
54/23	Connector V70
54/23	Connector XC90
54/24	Connector
54/25	Connector
54/32	Connector
54/34	Connector
54/35	Connector
54/36	Connector V70
54/36	Connector XC90
54/39	Connector
54/40B	Connector
54/40C	Connector V70
54/40C	Connector XC90
54/40D	Connector V70
54/40D	Connector XC90
54/43	Connector
54/43B	Connector
54/50	Connector V70
54/50	Connector XC90
54/53	Connector
54/54	Connector
54/55	Connector V70
54/55	Connector XC90
54/56	Connector V70
54/56	Connector XC90
54/57.1	Connector V70
54/57.1	Connector XC90
54/66.1	Connector
54/66.2	Connector
54/74	Connector
54/98	Connector
54/100	Connector
54/106	Connector
54/107	Connector
54/112	Connector
54/113	Connector
54/117	Connector
54/122	Connector
54/132	Connector V70
54/132	Connector XC90
54/134	Connector
54/134.2	Connector
54/137A	Connector
54/139	Connector
54/140	Connector
54/274	Connector
54/275	Connector
54/276	Connector
54/277	Connector
54/1300	Connector V70
54/1300	Connector XC90
54/1400	Connector V70
54/1400	Connector XC90
54/1401	Connector V70
54/1401	Connector XC90
54/1402	Connector V70
54/1402	Connector XC90
3X/1	Connector interface, original car
4X/78	Connector interface, original car
9X/1	Connector interface, original car
9X/25	Connector interface, original car
10X/18	Connector interface, original car
10X/29	Connector interface, original car
16X/1	Connector interface, original car
16X/2	Connector interface, original car
16X/45	Connector interface, original car
16X/57	Connector interface, original car
16X/58	Connector interface, original car
16X/105	Connector interface, original car
16X/108	Connector interface, original car
17X/40	Connector interface, original car
54X/no.	Connector interface, original car
A1	Connecting rail to 15/31