

VOLVO
for life



VOLVO
WIRING DIAGRAM V70/V70R/XC70/XC90

TP 3989202
2006

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 pillars, the B and C pillars, and the C and D pillars.

Test terminal

Data link connector in the passenger compartment.

Changes introduced up to June 2005

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 TP 3989202

Replaces previous publication 3989201 of Electronic Wiring Diagram (EWD) TP 3991001
Also available at Electronic Wiring Diagram (EWD) TP 3991002

We reserve the right to make modifications.

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Abbreviations

Groups

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Group 26	= Cooling system
Group 27	= Engine controls
Group 32	= Alternator and voltage regulator
Group 33	= Starting system
Group 35	= Lighting
Group 36	= Additional electrical equipment
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Group 43	= Transmission
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Group 83	= Doors and openings
Group 84	= Exterior decorative elements, etc.
Group 85	= Interior equipment
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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

ACC	= Accessory
AMP	= Amplifier
AUDIO	= Audio system
AUTO	= Automatic transmission
Bi-X	= Bi-Xenon
BLIS	= Blind spot information system
CEM	= Central Electronic Module
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
I5D	= D5244 T4/T5/T6/T7
LH	= Left-hand side
LHD	= Left-hand drive
LOSPEED	= Low speed data bus
MAN	= Manual transmission
MCC	= Manual Climate Control
OPN	= Option (factory-installed)
PCL	= Power Child Lock
GASOLINE	= Gasoline
REM	= Rear Electronic Module
RH	= Right-hand side
RHD	= Right-hand drive
RTI	= Road Traffic Information
SRS	= Airbag
SUBWOOF	= Bass speaker
SULEV	= Super Ultra Low Emission Vehicle
SUM	= Suspension Module (SUM)
T	= Turbocharged engine
ULEV	= Ultra Low Emission Vehicle
W/O	= Without
5CYL	= 5-cylinder engine
6CYL	= 6-cylinder engine
8CYL	= 8-cylinder engine

Colors

BL	= Blue
BN	= Brown
GN	= Green
GR	= Gray
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 shown in their entirety on the respective wiring diagram. Complete information on Data communication can be found in the section entitled "Control modules".

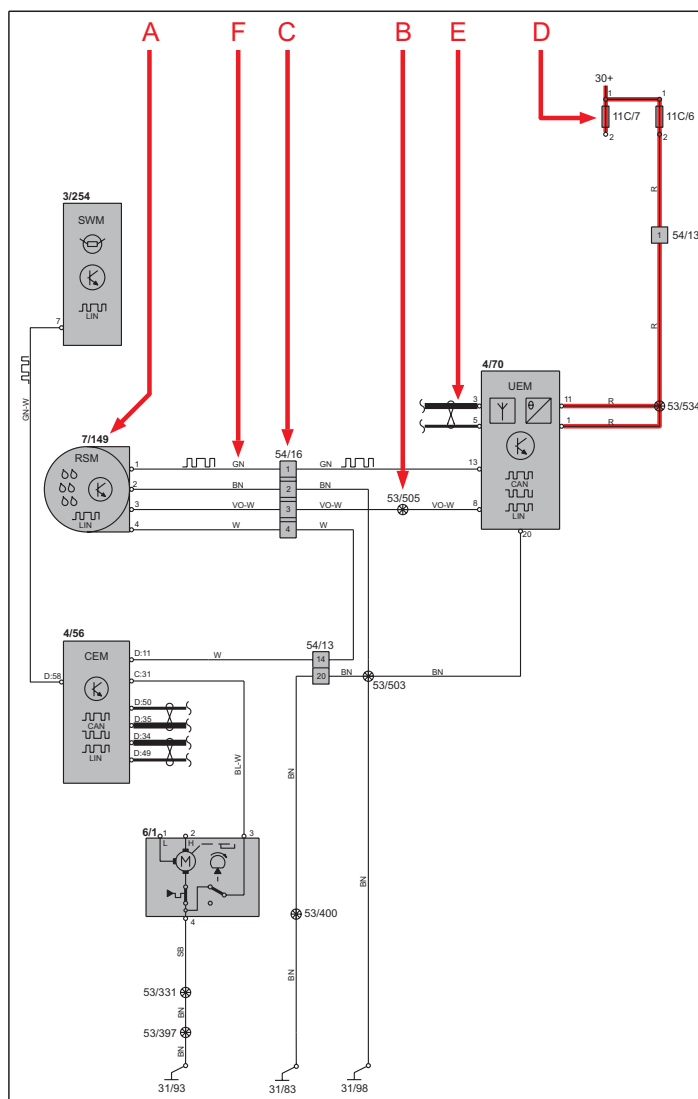
F. Abbreviations

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

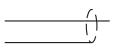
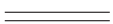
G. Component location

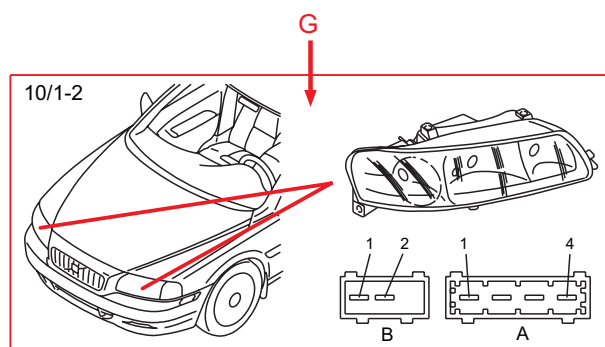
There is a section at the end of the manual in which the appearance and location of components is described in numerical order.

How to use the wiring diagrams 2:2



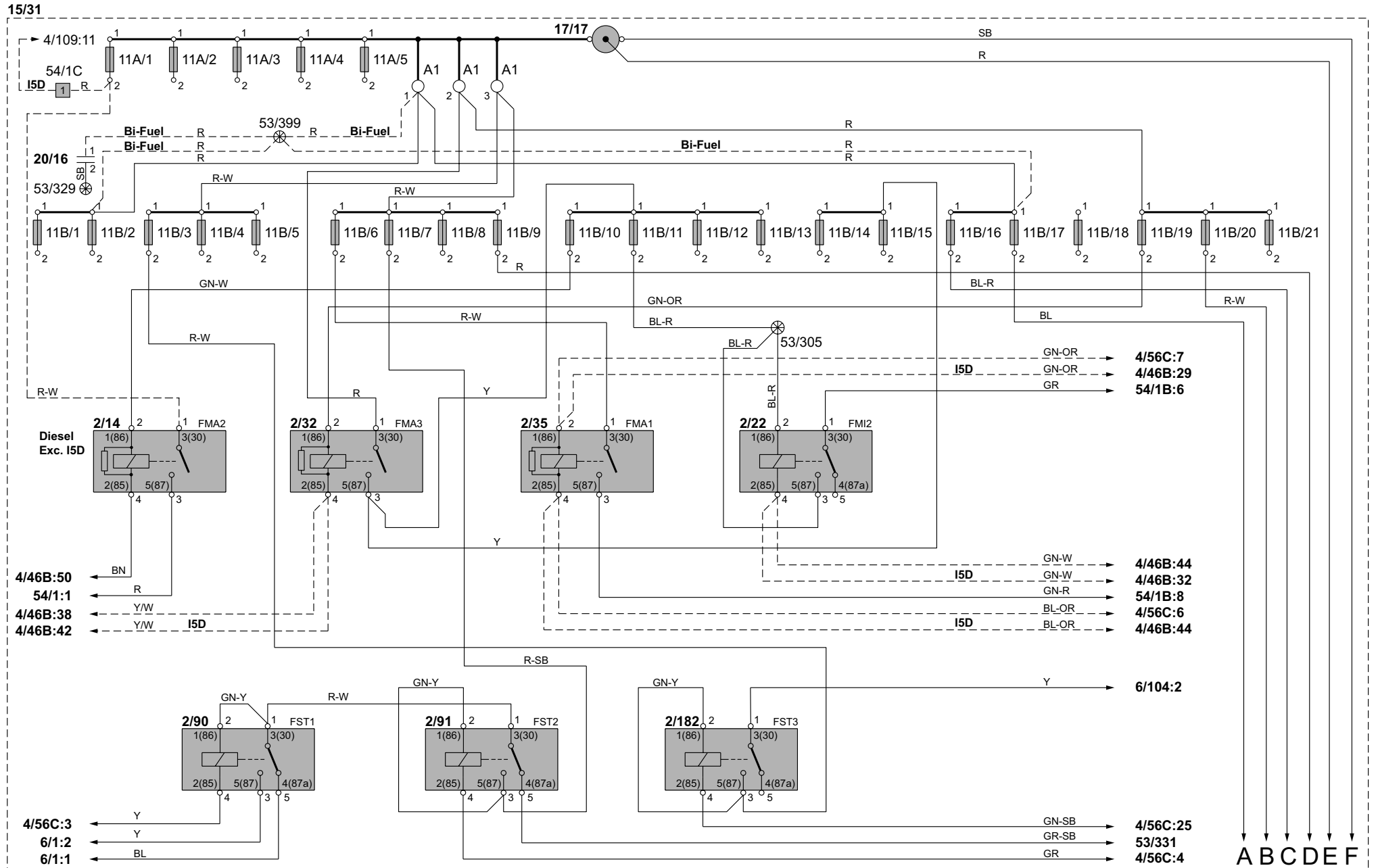
List of symbols

- = 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

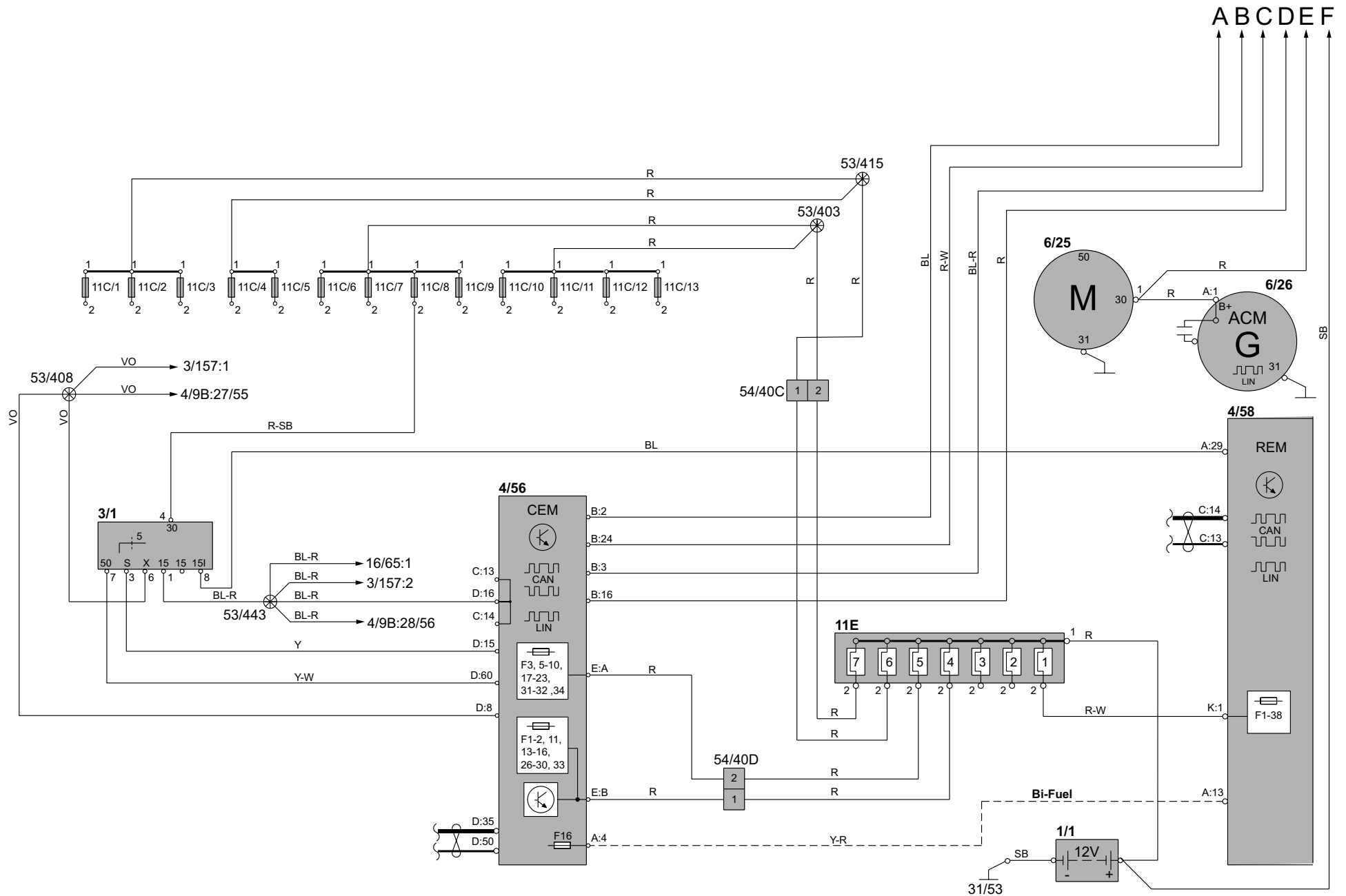


Electrical distribution, V70 1:2

Overview

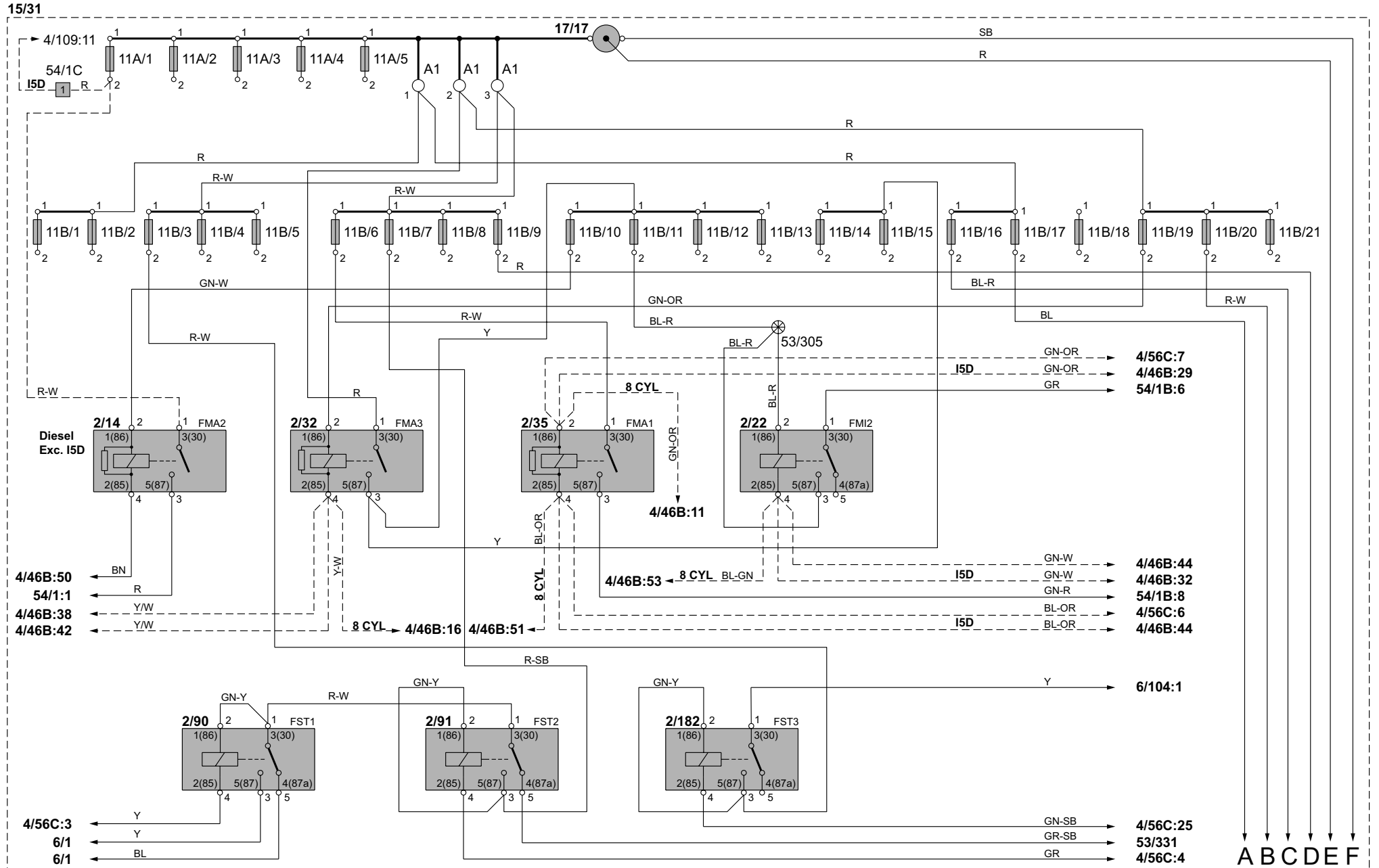


Electrical distribution, V70 2:2 Overview



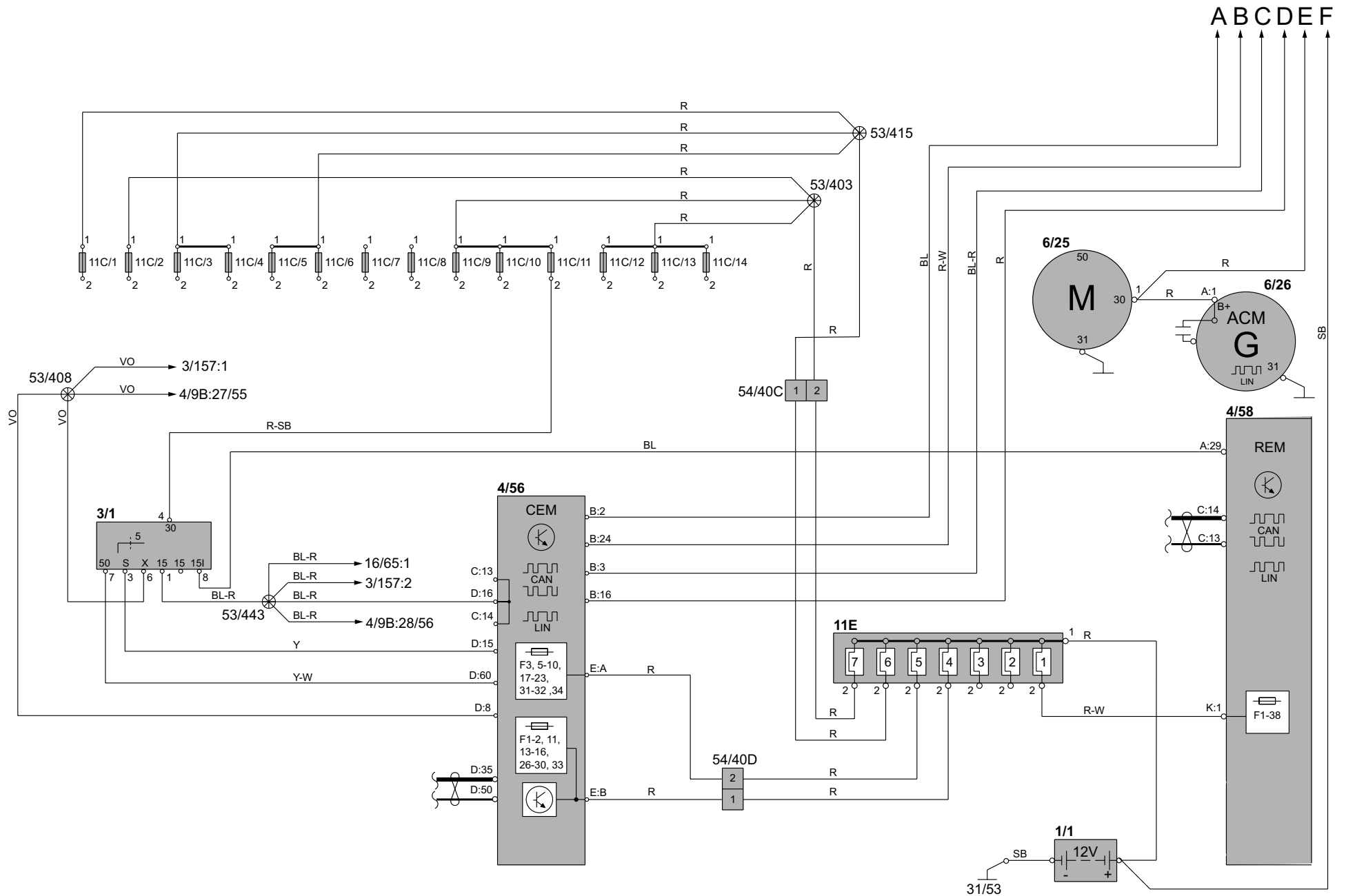
Electrical distribution, XC90 1:2

Overview



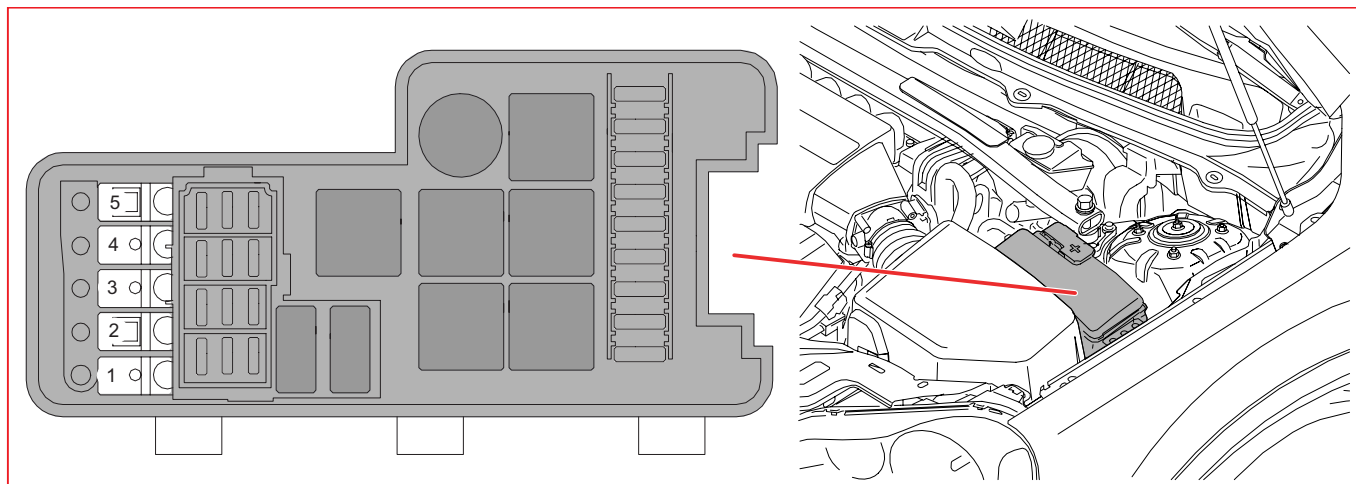
Electrical distribution, XC90 2:2

Overview



Fuses

Engine compartment 11A/1-5

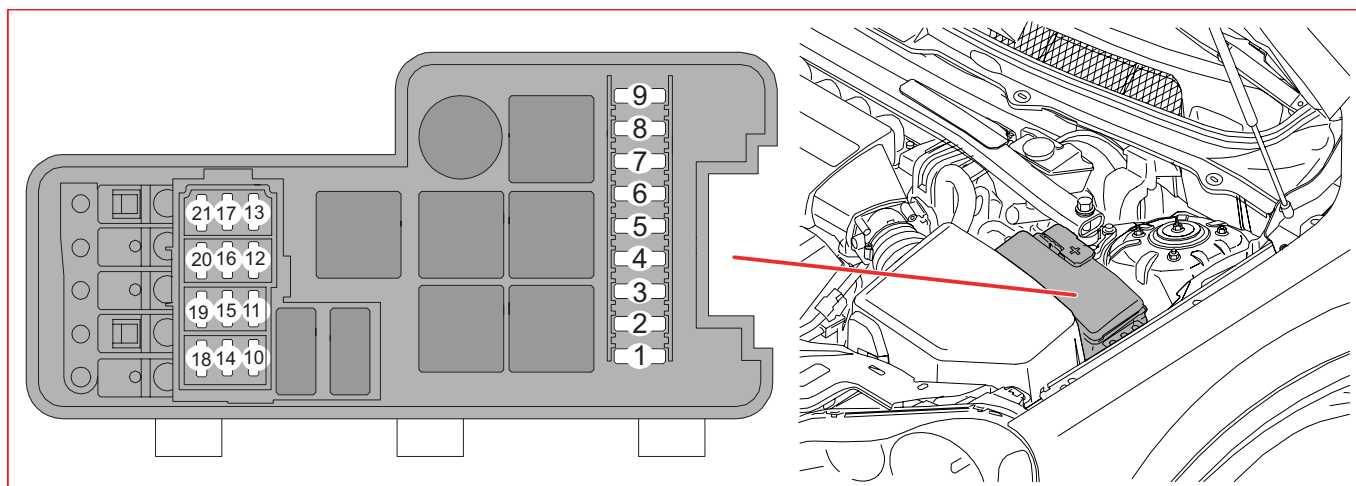


11A Fuses in engine compartment

No.	Fuse function		via	A
1	4/109	Glow plug control module, I5D	-	60
	20/22-26	Glow plug	2/14	
	20/22-26	Glow plug, I5D	4/109	
2	6/29	Motor, electric cooling fan	4/71	60
3	-		-	-
4	-		-	-
5	-		-	-

Fuses

Engine compartment 11B/1-11

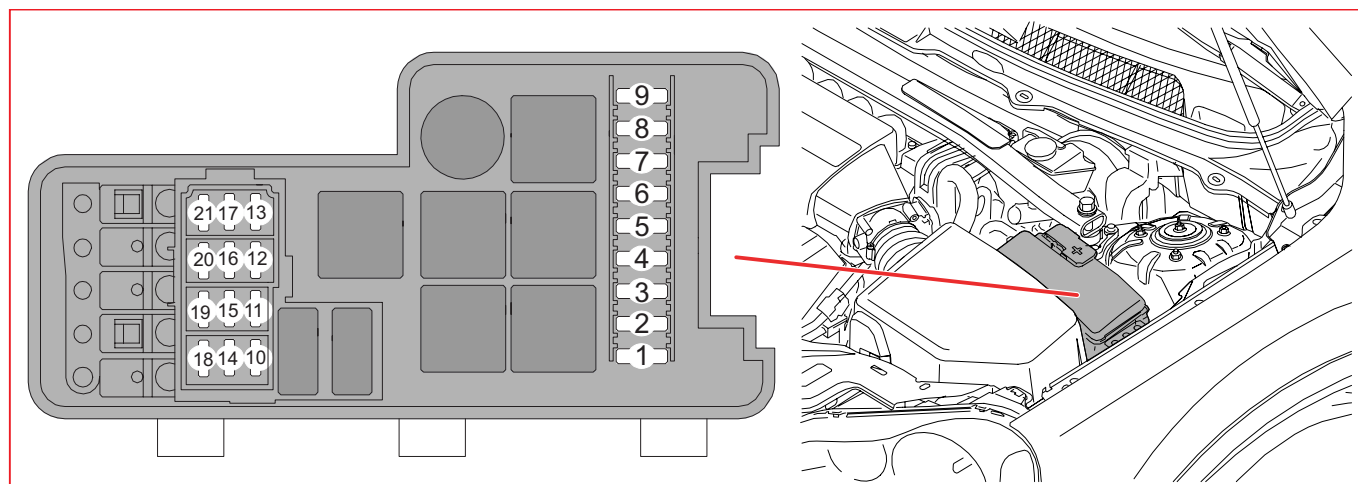


11B Fuses in engine compartment

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 Fuel pump, auxiliary heater 6/73 Coolant pump, auxiliary heater 9/30 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 Relay, windshield wiper, low/high speed 2/91 Relay, intermittent wiping 6/1 Windshield wiper motor	2/91 - 2/90, 2/91	25
8	4/28 Transmission Control Module (TCM), TF-80SC/TF-80SC AWD	-	15
9	4/83 Control module fuel pump 6/31 Feed pump, ejectors 6/33 Fuel pump	4/56 4/56 4/56	15
10	2/14 Relay, glow plug unit 4/46 Engine Control Module (ECM), diesel 8/6-10 Injection valves, diesel 8/111 High-pressure solenoid valve, diesel not I5D 20/3-8 Spark plug and ignition coil, not 8-cyl. 20/14 Condenser, ignition coils, 8-cyl. 20/46-53 Spark plug with ignition coil, 8-cyl.	- - 4/46 - - - -	20
11	6/44 Cooling fan, electrics box, engine compartment 7/51 Accelerator pedal sensor 8/3 Electromagnetic clutch, climate control system	- - 2/22	10
continues			

Fuses

Engine compartment 11B/12-14

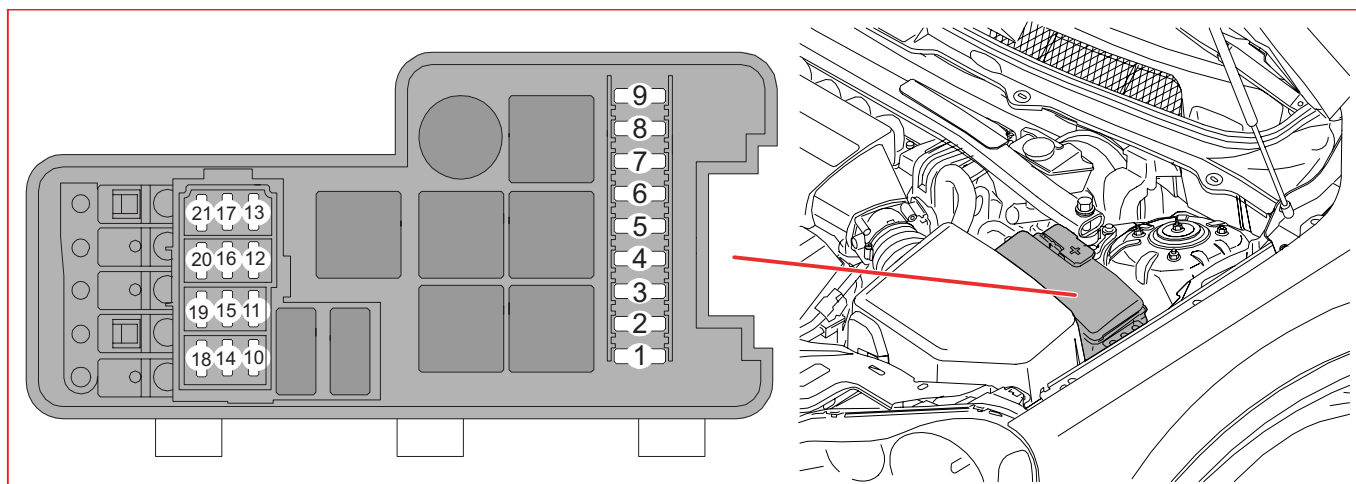


11B Fuses in the engine compartment

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-			
	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), I5D	-	15
	6/118	Fuel, swirl pump, I5D	4/46	
	6/120	Throttle body motor, I5D	4/46	
	8/98	Fuel, pressure regulator, I5D	4/46	
	8/111	High-pressure solenoid valve, I5D	4/46	
14	7/15	Heated oxygen sensor, I5D	-	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

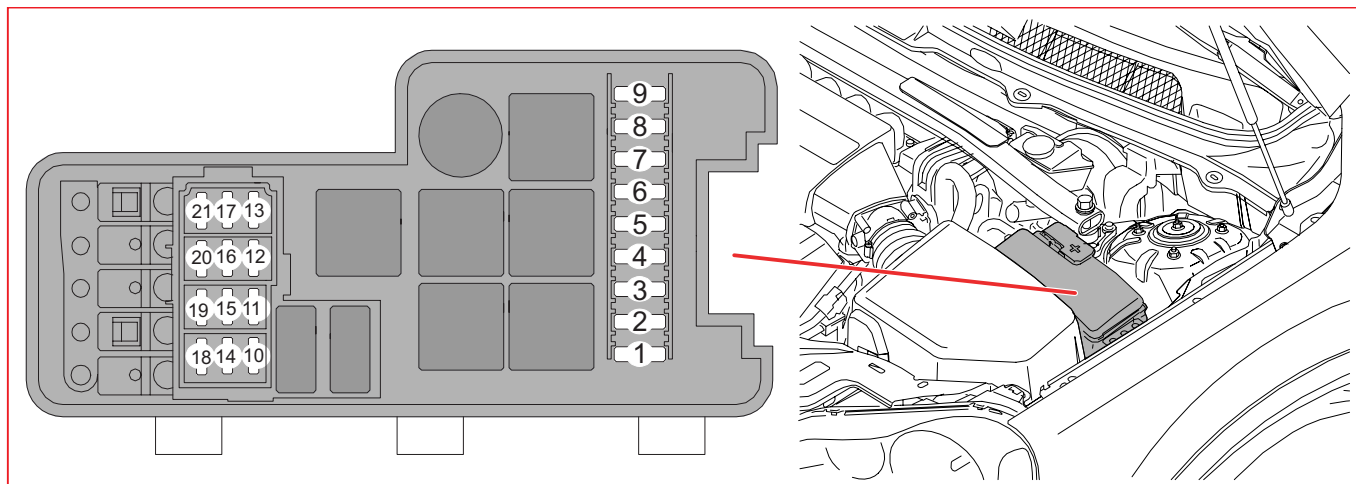


11B Fuses in the engine compartment

No.	Fuse function		via	A
15	6/67	Pump, fuel leakage control	-	10
	6/105	Fuel distributor gas, Bi-Fuel	-	
	8/17	EGR valve, diesel not I5D	-	
	8/18	EVAP valve	-	
	8/19	Solenoid, variable valve timing, intake	-	
	8/28	Turbocharger control valve	-	
	8/64	Solenoid valve, engine pad, diesel not I5D	-	
	8/75	Valve, fuel cut-off DFCO	-	
	8/81	Solenoid, variable valve timing outlet	-	
	8/82	Solenoid, variable turbo geometry, diesel not I5D	-	
	9/32	PTC-resistor air preheating	-	
	4/46	Engine Control Module (ECM), 8-cyl.	-	15
	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 module, I5D	-	15
	6/143	Regulator motor, turbo, I5D	-	
	8/64	Solenoid valve, engine pad, I5D	-	
	8/113	Vacuum valve, EGR cooler, I5D	-	
	8/120	EGR valve, I5D	-	
continues				

Fuses

Engine compartment 11B/16-20

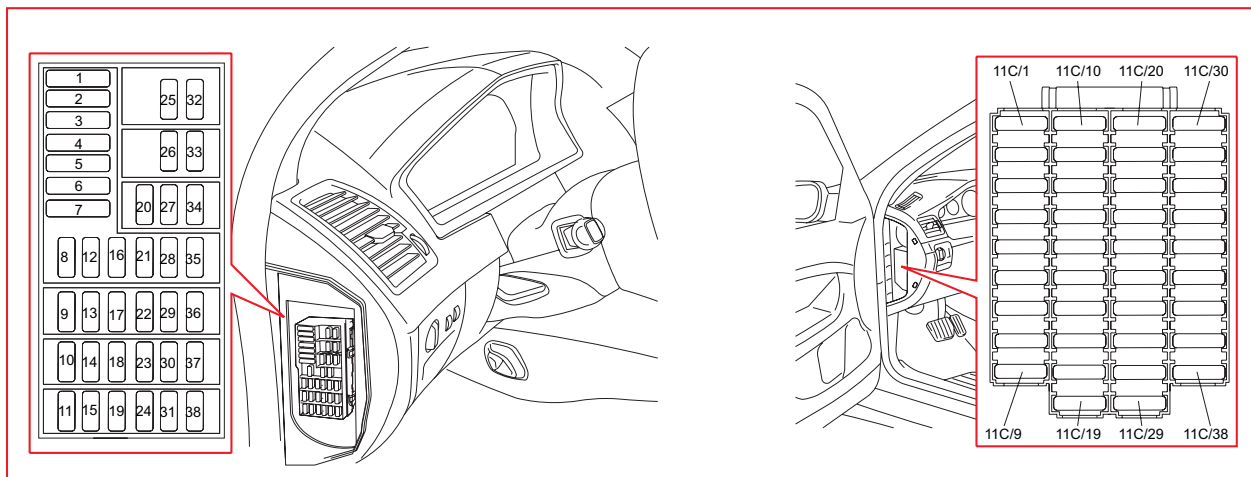


11B Fuses in the engine compartment

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

Fuses

Passenger compartment 11C/1-4

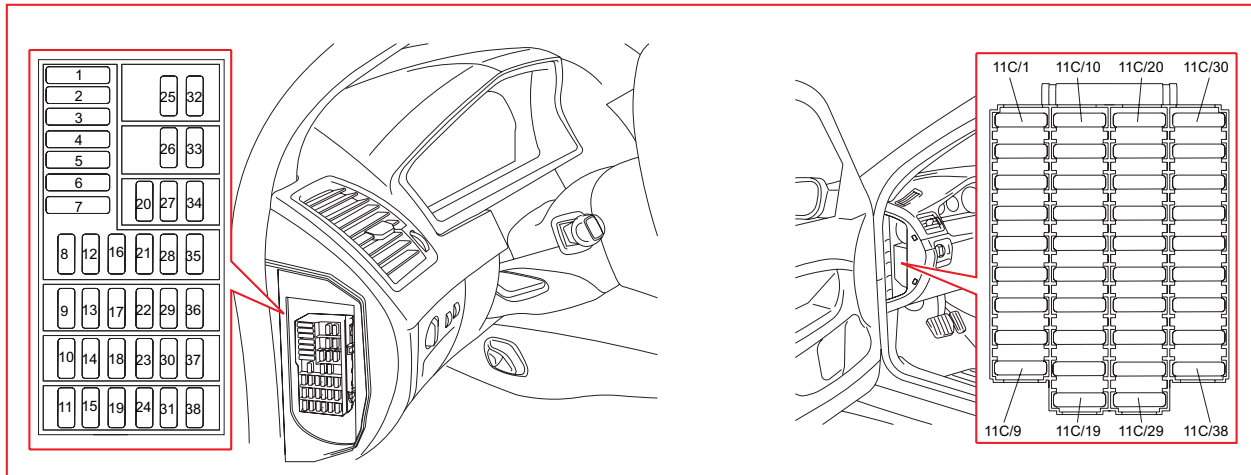


11C Fuses in the passenger compartment

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		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	
continues				

Fuses

Passenger compartment 11C/5-7

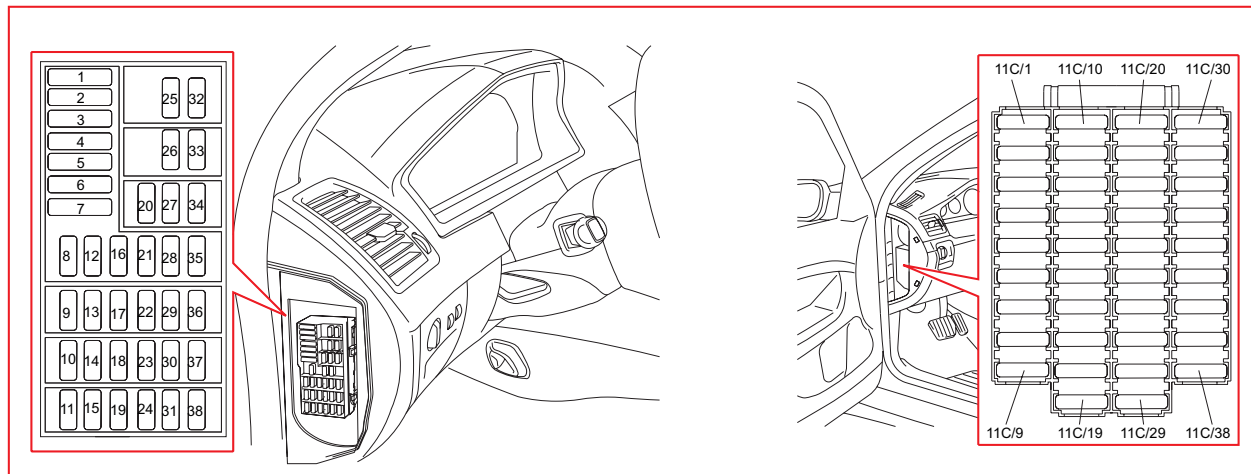


11C Fuses in the passenger compartment

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	Front left 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, front right 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/8-11

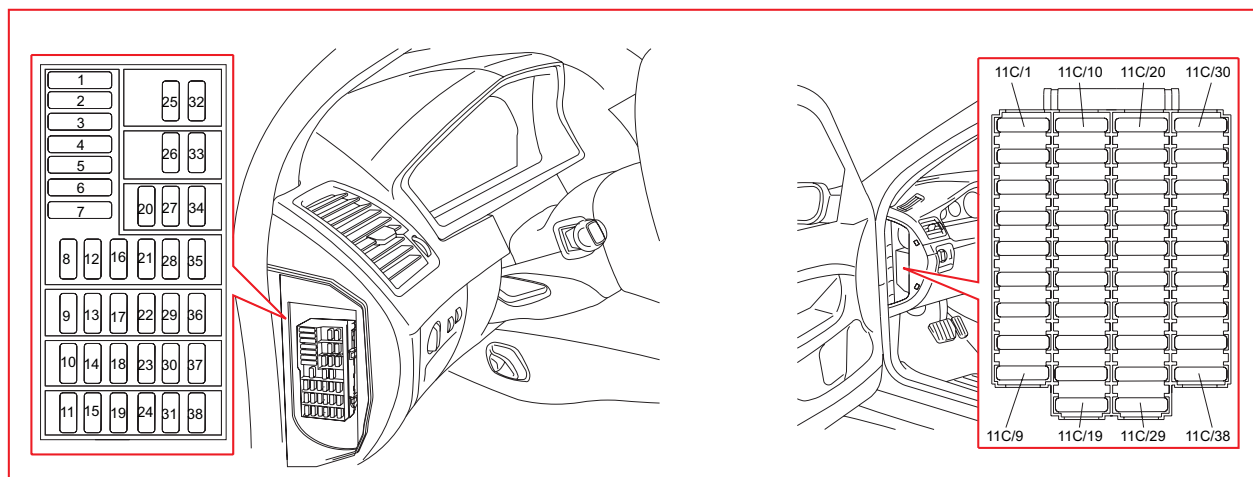


11C Fuses in the passenger compartment

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	
	16/65	Antenna ring/ignition switch lighting, V70	3/1	
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	-	
	16/46	Multimedia display, XC90	-	10
	16/106	CD Player Module (MP2), XC90	-	
	16/107	MD Player Module (MP1), 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	-	
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	
	16/65	Antenna ring/ignition switch lighting, XC90	3/1	
continues				

Fuses

Passenger compartment 11C/12-14

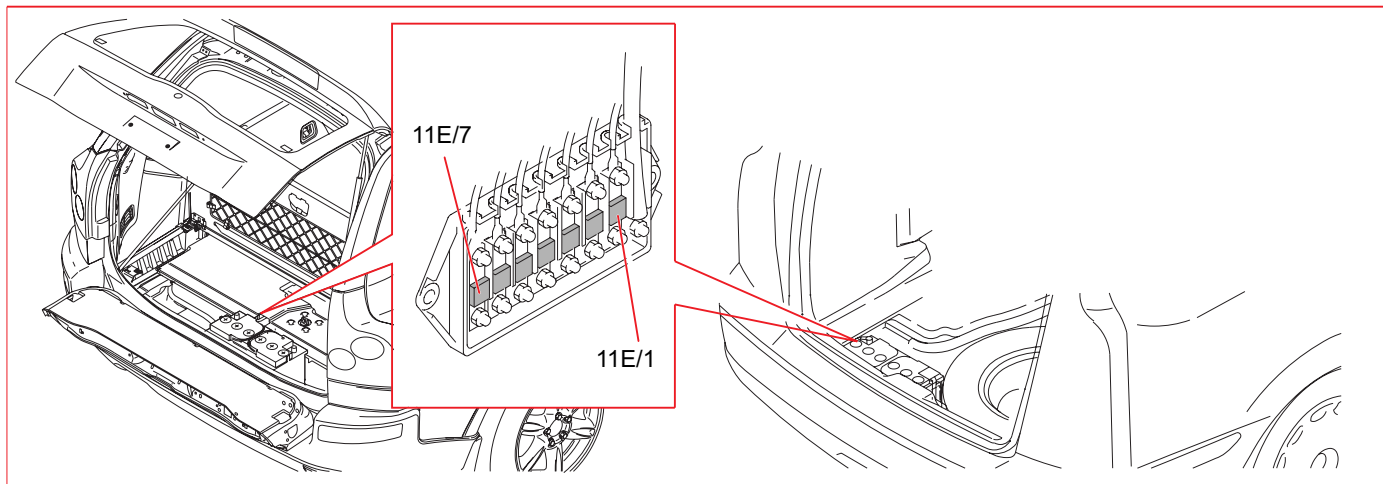


11C Fuses in the passenger compartment

No.	Fuse function	via	A
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
	6/15 Sunroof motor, XC90	4/33	15
14	16/60 Phone Module (PHM), XC90	-	5

Fuses

Cargo compartment 11E/1-7

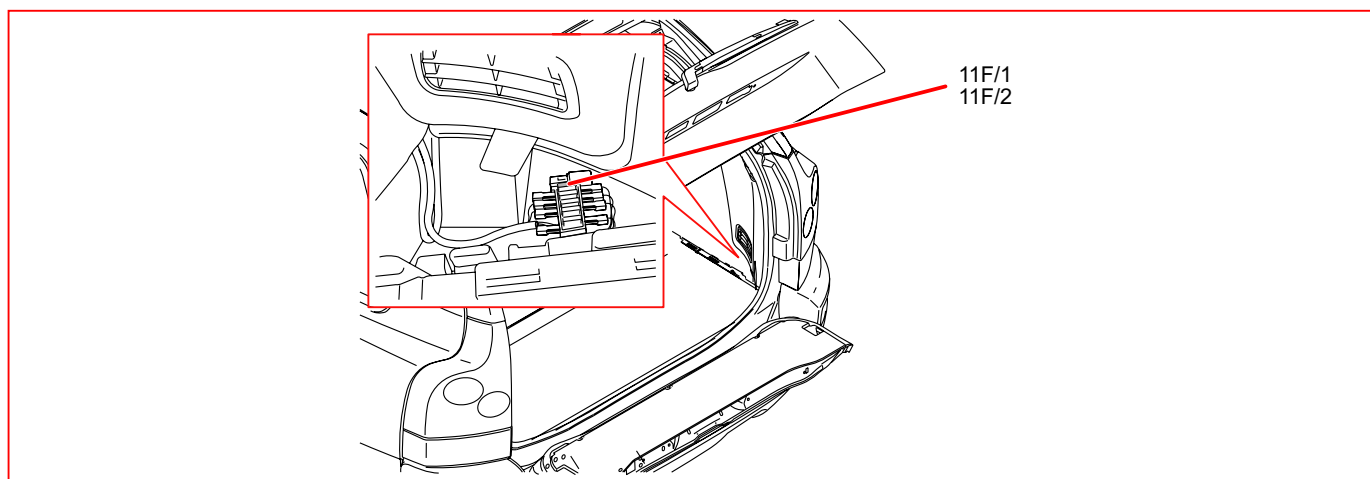


11E Fuses by battery

No.	Fuse function	via	A
1	4/58 Rear Electronic Module (REM) Main fuse for: F1-F38	- -	60
2	11 F/1 Fuse in cargo compartment auxiliary fuse box	-	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 11F/1-2

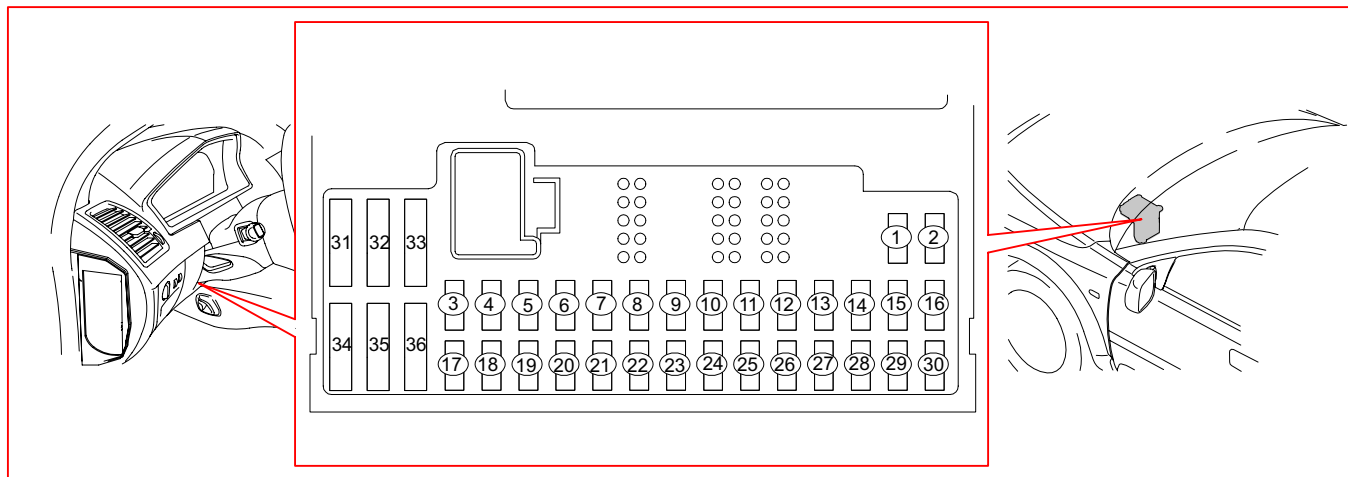


11F/1-2 Fuses in extra fuse box cargo compartment, XC90

No.	Fuse function	via	A
1	16/122 Rear Audio Separation module (RAS), XC90	-	10
	16/124 Rear Seat Entertainment module (RSE), 30 feed	-	
2	16/124 Rear Seat Entertainment module (RSE), X feed	-	5

Fuses

Central Electronic Module (CEM) F1-F14

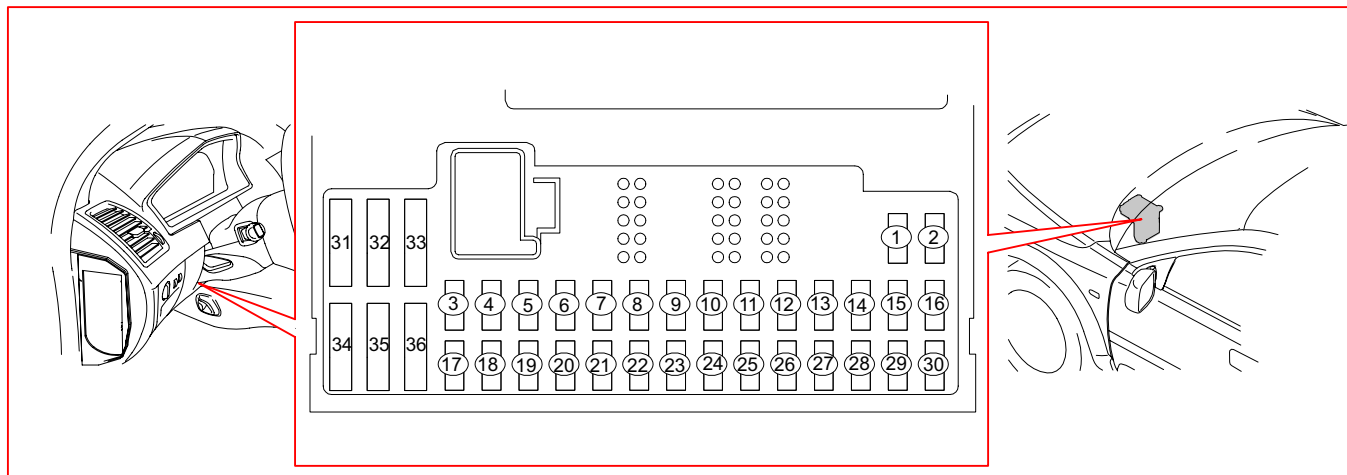


4/56 Central Electronic Module (CEM)

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	-	
	16/106	CD Player Module (MP2), XC90	-	
	16/107	MD Player Module (MP1), XC90	-	
	16/108	Multimedia Module (MMM), 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	-	
	11 F/2	Fuse in cargo compartment auxiliary fuse box	-	
F14	6/3	Right-hand headlight wiper motor, V70	-	15
	6/4	Left-hand headlight wiper motor, V70	-	
continues				

Fuses

Central Electronic Module (CEM) F15-F34

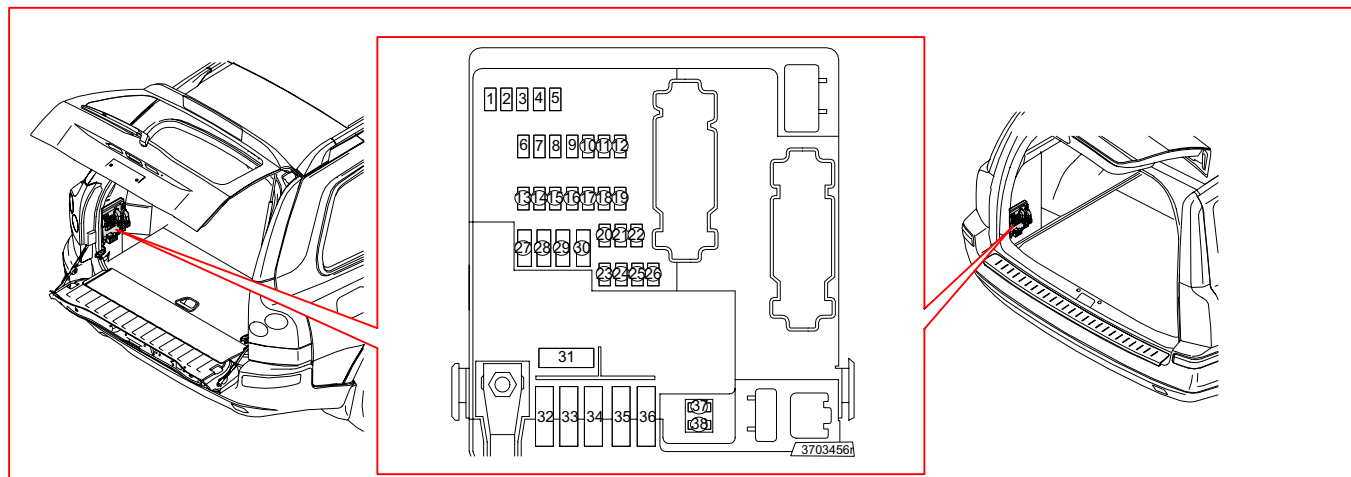


4/56 Central Electronic Module (CEM)

No.	Fuse function	via	A
F15	4/16 Brake Control Module (BCM)	-	5
F16	4/99 Electronic Power Steering module	-	10
	6/38 Motor, left headlight adjustment	-	
	6/39 Motor, right headlight adjustment	-	
	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	
	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	-	
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

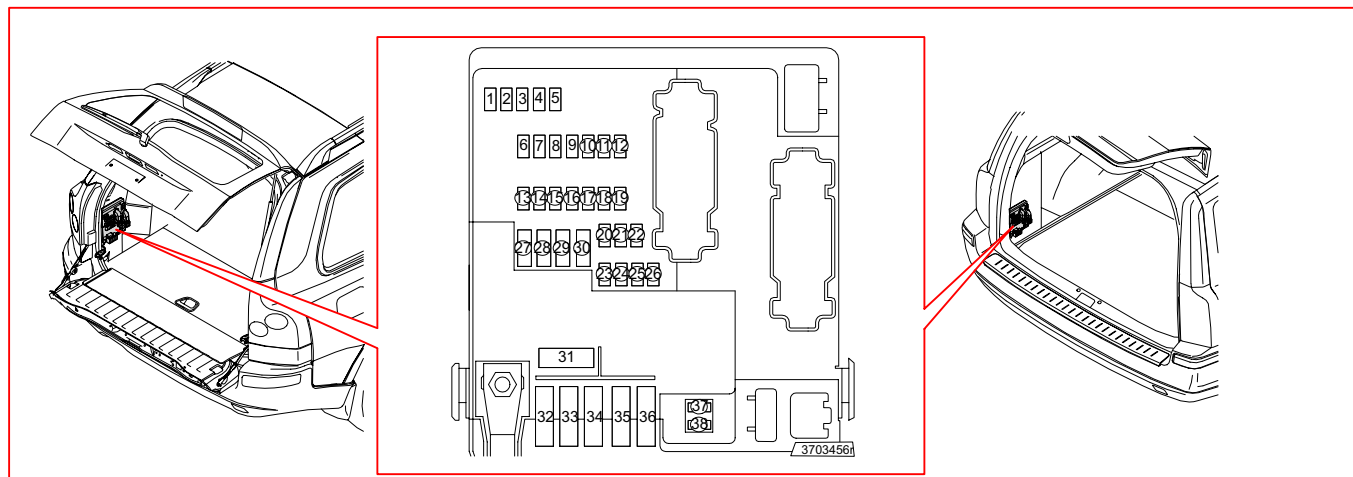


4/58 Rear Electronic Module (REM)

No.	Fuse function		via	A
F1	10/48	Reversing light, right	-	10
	10/55	Reversing light, left	-	
	54/98	Connector, cable harness, rear seat entertainment, reverse gear signal, XC90	-	
			-	
F2	10/3	License plate lighting	-	20
	10/19	Auxiliary brake light	-	
	10/44	Tail light 1, right	-	
	10/46	Fog light, right rear	-	
	10/51	Tail light 1, left	-	
	10/53	Fog light, left rear	-	
	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	-	
	16/110	Antenna module (ATM), XC90	-	
	54/98	Connector cable harness Rear Seat Entertainment, 30-feed, XC90	-	
F7	17/39	13-pin outlet, tow hitch cable harness	-	15
	2/238	Relay, audio disconnection, V70	-	
	16/45	Traffic information module, Turn-by-Turn	-	
	16/49	Traffic Message Channel module, V70	-	
continues				

Fuses

Rear Electronic Module (REM) F8-F28

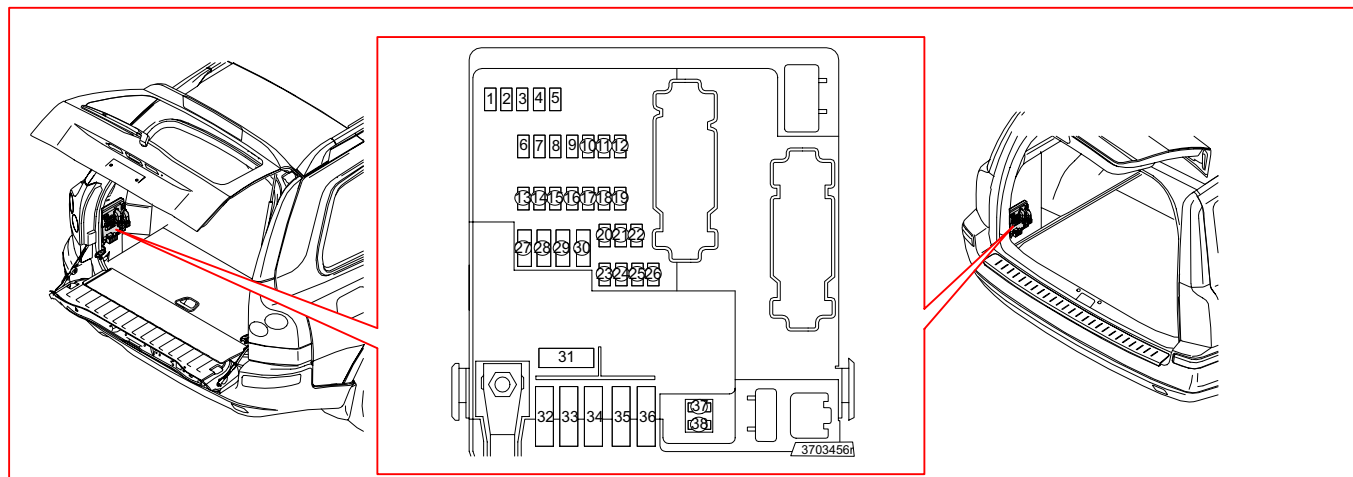


4/58 Rear Electronic Module (REM)

No.	Fuse function		via	A
F8	17/19	12V outlet, cargo compartment	-	15
F9	2/139	Deadlock relay, right-hand rear door	-	20
	3/86	Power window switch, right rear door	-	
	6/93	Motor, rear right power window	3/86	
F10	2/138	Deadlock relay, left-hand rear door	-	20
	3/85	Power window switch, left rear door	-	
	6/92	Motor, rear left power window	3/85	
F13	8/85	Thermostatic switch and fuel filter heating	-	15
F14	16/79	Bass speaker, V70	-	15
	6/76	Climate control system, rear XC90	-	
	16/79	Subwoofer Module (SUB), XC90	-	
F17	16/145	Satellite radio receiver, V70	-	5
F19	6/32	Rear window wiper motor	-	15
F20	17/38	7-pin outlet, tow hitch cable harness	-	20
	17/39	13-pin outlet, tow hitch cable harness	-	
	16/45	Traffic information module, Turn-by-Turn	-	
	16/49	Traffic Message Channel module, V70	-	
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	Lock unit, left rear door	-	15
	3/77	Lock unit, right rear door	-	
	3/78	Lock unit, tailgate	-	
	6/37	Lock motor, fuel filler flap	-	
continues				

Fuses

Rear Electronic Module (REM) F29-F38

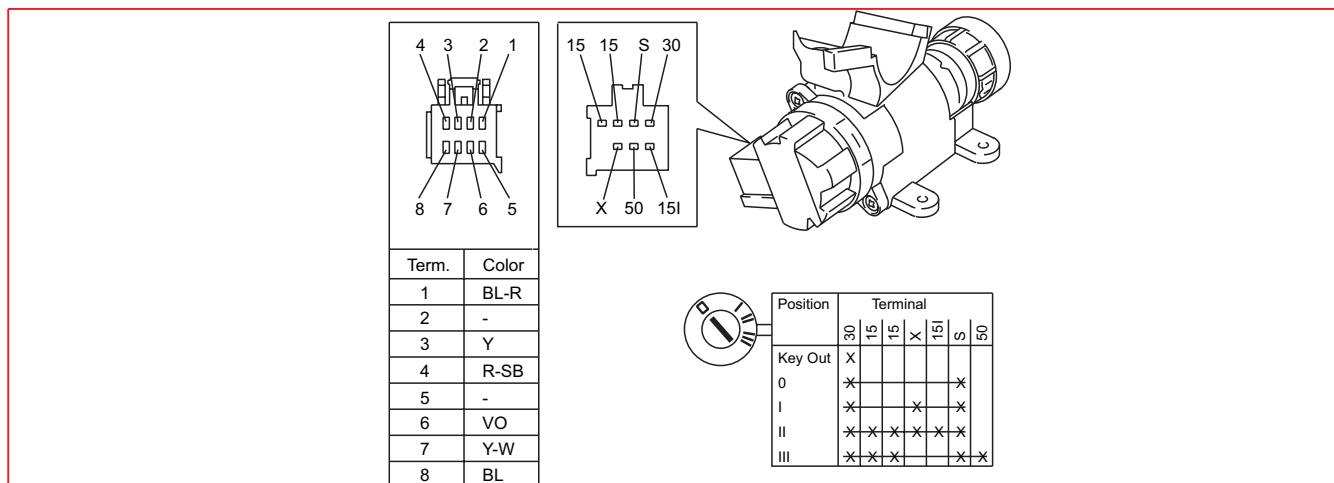


4/58 Rear Electronic Module (REM)

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	-	
F30	- left-hand direction indicator	-	25
	4/110 Trailer Module	-	
	- 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

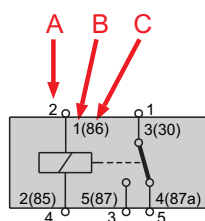
Relays

Ignition switch and relays



Relays, general

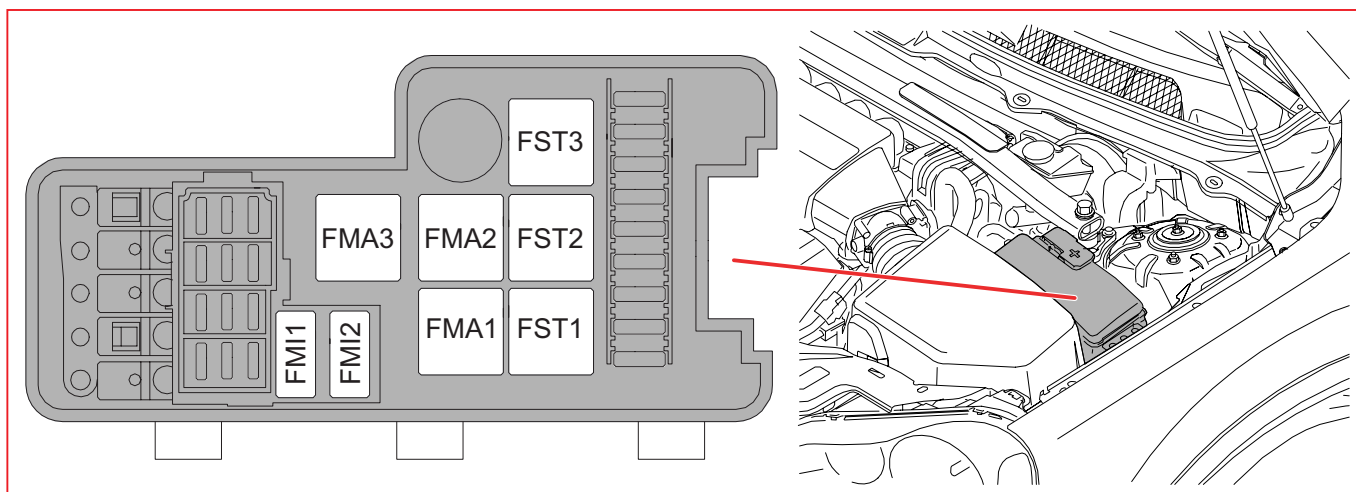
The diagram indicates two or three different designations for the relay's position. This is described below.



- 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
FMA2	2/14	Relay, glow plug unit
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

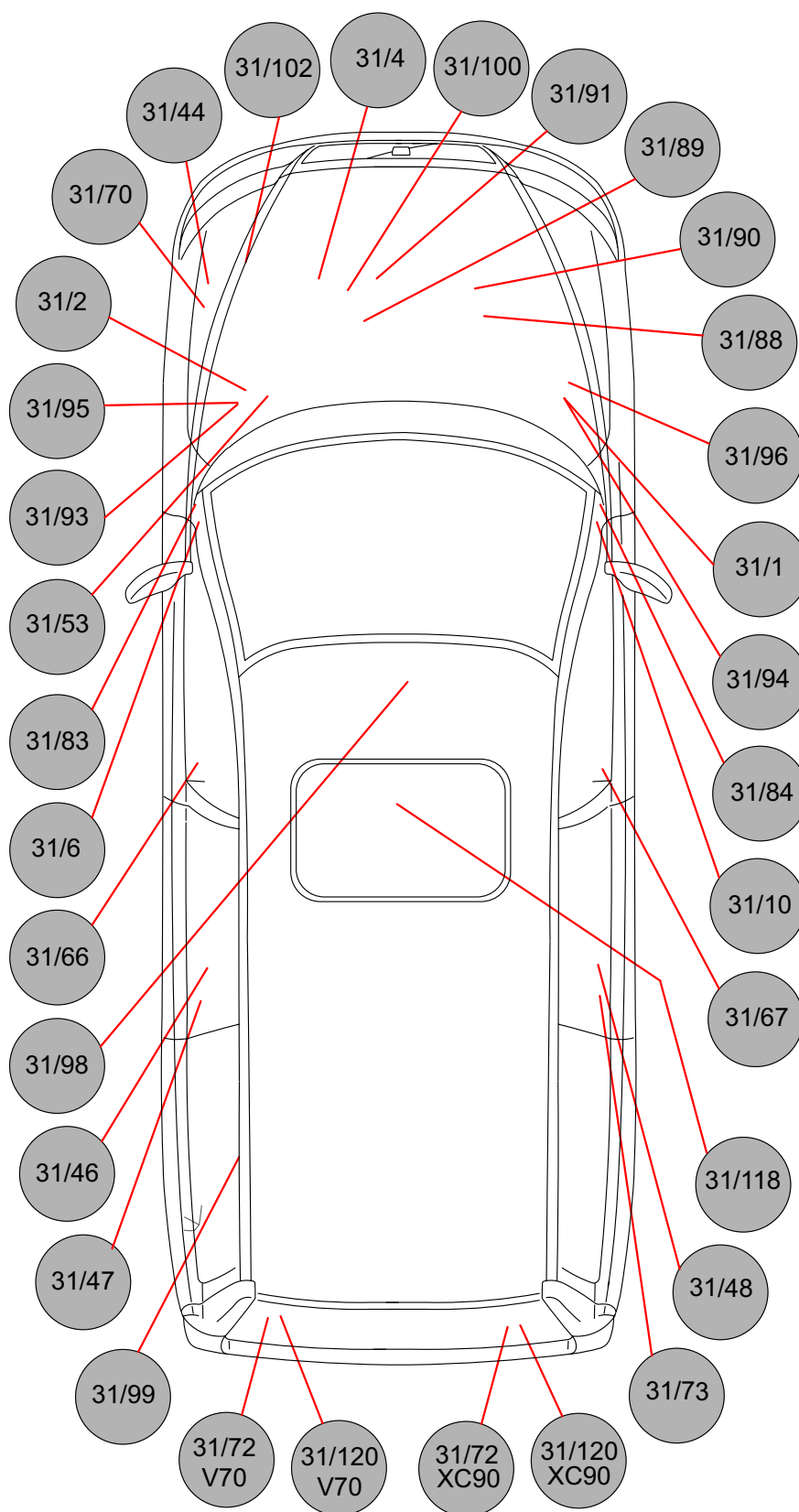
Other relays

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
By front seat	2/237	Disconnect relay, rear speaker

Relays accessories

Pos	Relay function	
Engine compartment	2/64	Relay auxiliary lights
Cargo compartment	2/191	Relay, remote parking heater start, radio signal
Front member	2/192	Relay, electric engine heater
Dashboard	2/238	Relay, audio disconnection

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

31/2	Left MacPherson strut tower
4/46	Engine Control Module (ECM), 8-cyl./I5D
4/71	Cooling fan control module

31/4	Engine
31/44	Ground connection

31/6	A-pillar, left-hand side
3/6	Switch, hazard warning flashers
4/31	Fan control module, RHD
4/56	Central Electronic Module (CEM), LHD
6/15	Sunroof motor
10/29	Glove compartment lighting
10/125	Left-hand front courtesy lighting
10/126	Right-hand front courtesy lighting
16/65	Antenna ring/ignition switch illumination

31/10	A-pillar, 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
10/72	Front ashtray lighting, V70

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)
10/15	Direction indicator, left front door, XC90
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
10/16	Direction indicator, right front door, XC90
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	FL auxiliary light, accessory

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
16/81	TV display, accessory, XC90
16/82	DVD player, accessory, 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-pillar, left-hand side
3/117	Switch unit, ceiling light
4/33	Sun Roof Module (SRM)
4/70	Upper Electronic Module (UEM)
4/76	Remote control unit for garage door opener
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
10/25	Ceiling light, cargo compartment, V70
10/114	Vanity mirror lighting, left
10/115	Vanity mirror lighting, right
10/150	Rear reading light
10/172	Reading light, third row of seats, XC90
16/65	Antenna ring/ignition switch illumination
16/108	Multimedia Module (MMM), XC90
31/98	Ground connection

31/84	A-pillar, 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)
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
16/2	Amplifier, V70
16/46	RTI display, V70
16/46	Multimedia display, XC90
16/60	Phone Module (PHM)
16/93	Control module, cellular phone handsfree, accessory
16/94	Infotainment Control Module (ICM), XC90
16/105	Audio Module (AUD), XC90
16/106	CD Player Module (MP2), XC90
16/107	MD Player Module (MP1), XC90
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, not 8-cyl.
20/4	Spark plug and ignition coil, not 8-cyl.
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, not 8-cyl.
20/6	Spark plug and ignition coil, not 8-cyl.
20/7	Spark plug and ignition coil, not 8-cyl.
20/8	Spark plug with ignition coil, 6-cyl.
20/14	Condenser, ignition coil, 8-cyl.
20/51	Spark plug with ignition coil, 8-cyl.
20/53	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 - air preheating, 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	Front left parking light, XC90
10/13	Direction indicator, front left
10/15	Direction indicator front fender left, EU/OS, V70
10/71	Side running light, front left
16/10	Horn 1
16/11	Horn 2, V70
20/16	Capacitor, Bi-Fuel

31/94	Right MacPherson strut tower
3/156	Gear Selector Module (GSM)
4/28	Transmission Control Module (TCM)
6/39	Motor, right headlight adjustment
8/36	Solenoid shift lock
10/2	Lamp housing, front right
10/6	Fog light, front right
10/12	Front right parking light, XC90
10/14	Direction indicator, front right
10/16	Direction indicator front fender right, EU/OS, V70
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./I5D
6/105	Fuel distributor gas, Bi-Fuel
9/32	PTC-resistor air preheating

31/98 Windshield member, upper	
3/117	Switch unit, ceiling light
4/33	Sun Roof Module (SRM)
4/70	Upper Electronic Module (UEM)
4/76	Remote control unit for garage door opener
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
10/25	Ceiling light, cargo compartment, V70
10/114	Vanity mirror lighting, left
10/115	Vanity mirror lighting, right
10/150	Rear reading light
10/172	Reading light, third row of seats, XC90
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 - 31/120

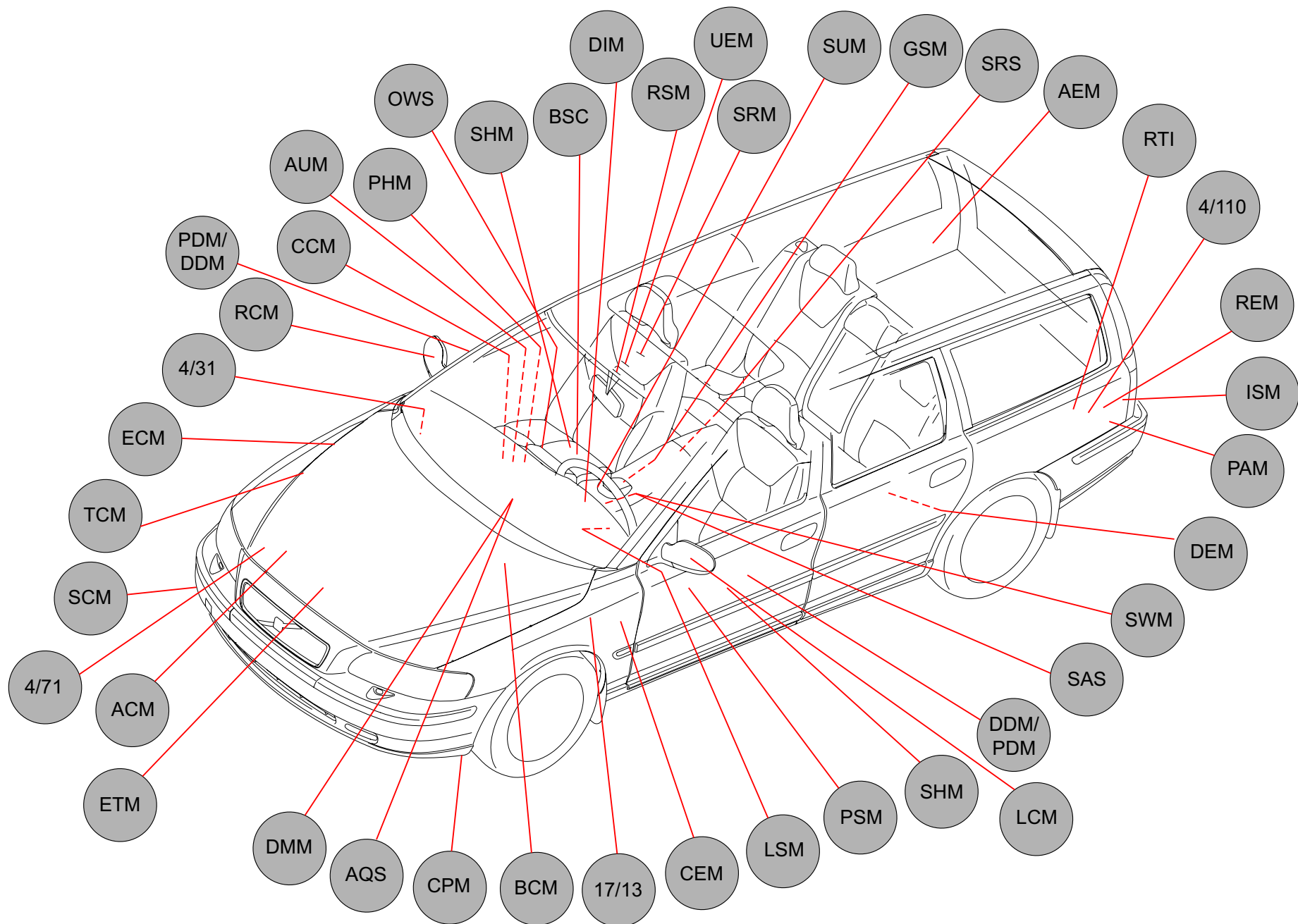
31/102 Front member	
2/192	Relay (230V), engine heater, accessory

31/118 Between front seats under the armrest	
2/237	Disconnect relay, rear speaker
16/122	Rear Audio Separation module (RAS)
16/124	Rear Seat Entertainment module (RSE)

31/120 Cargo compartment, accessory	
4/110	Trailer Module
16/15	CD changer, V70
16/45	Road Traffic Information module (RTI), V70
16/45	Traffic information module, Turn-by-Turn
16/46	RTI display, V70
16/49	Traffic Message Channel module, 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

Control modules

Overview positions V70



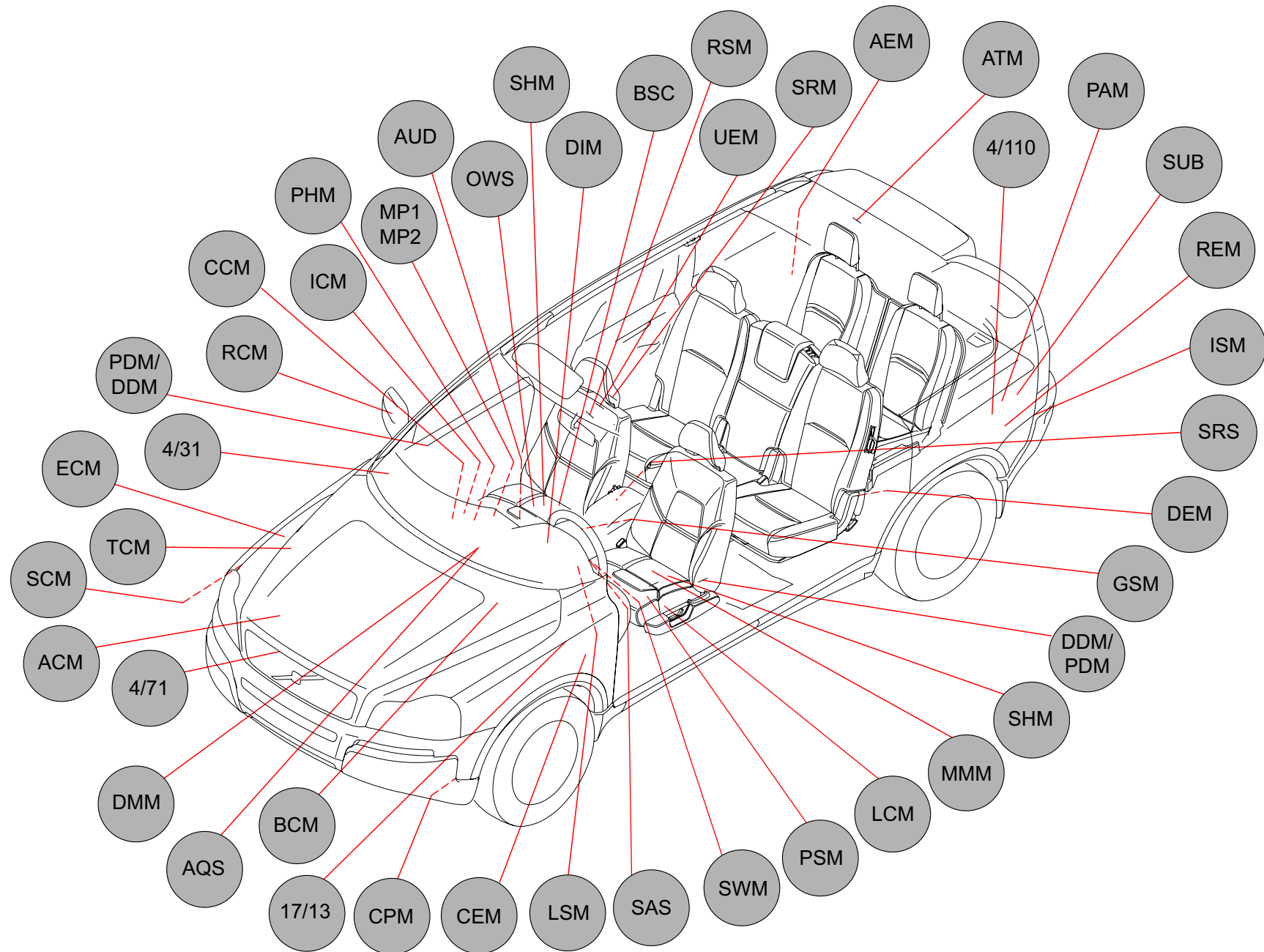
Control modules

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)
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

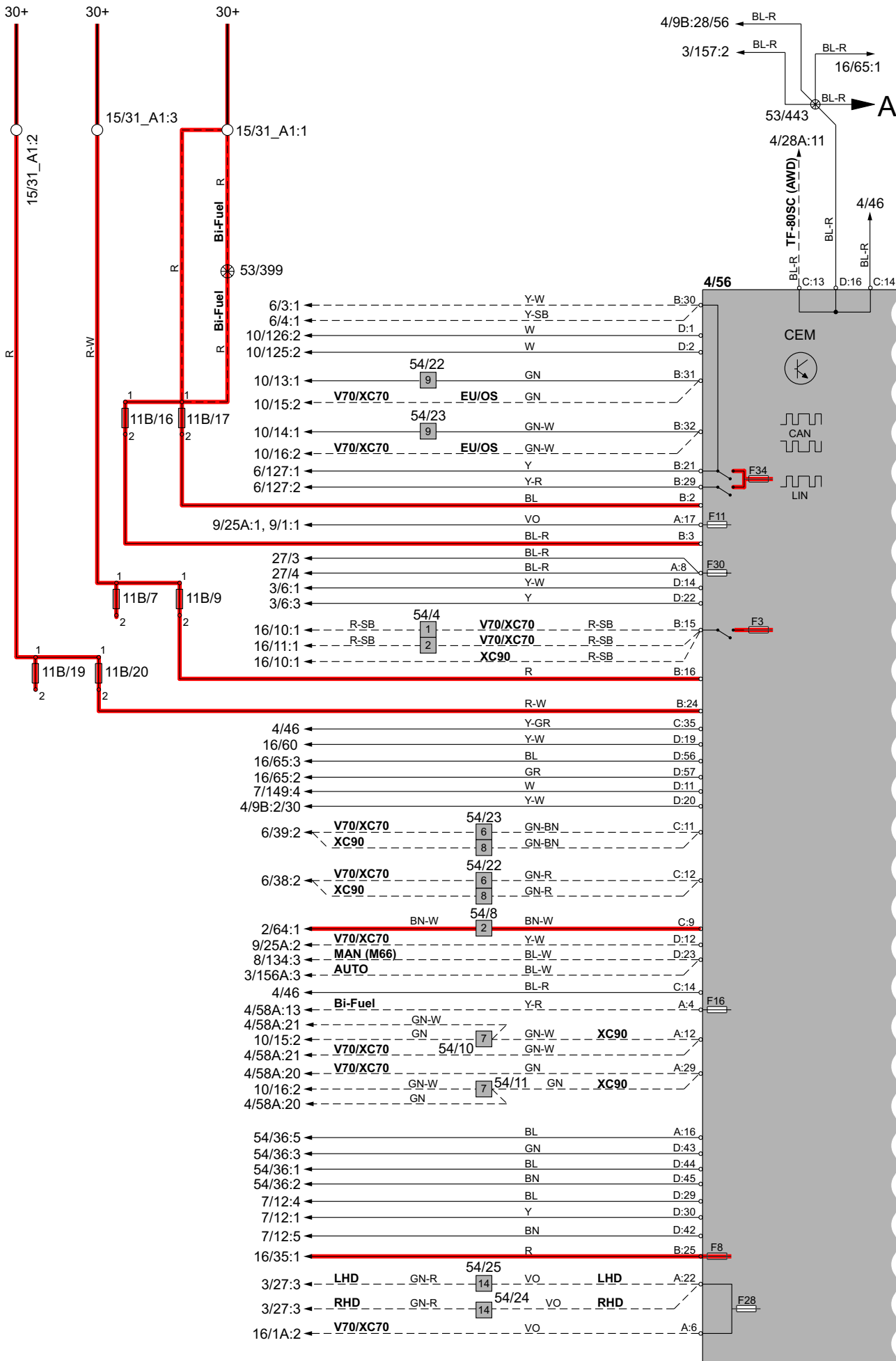


Control modules

Overview designations XC90

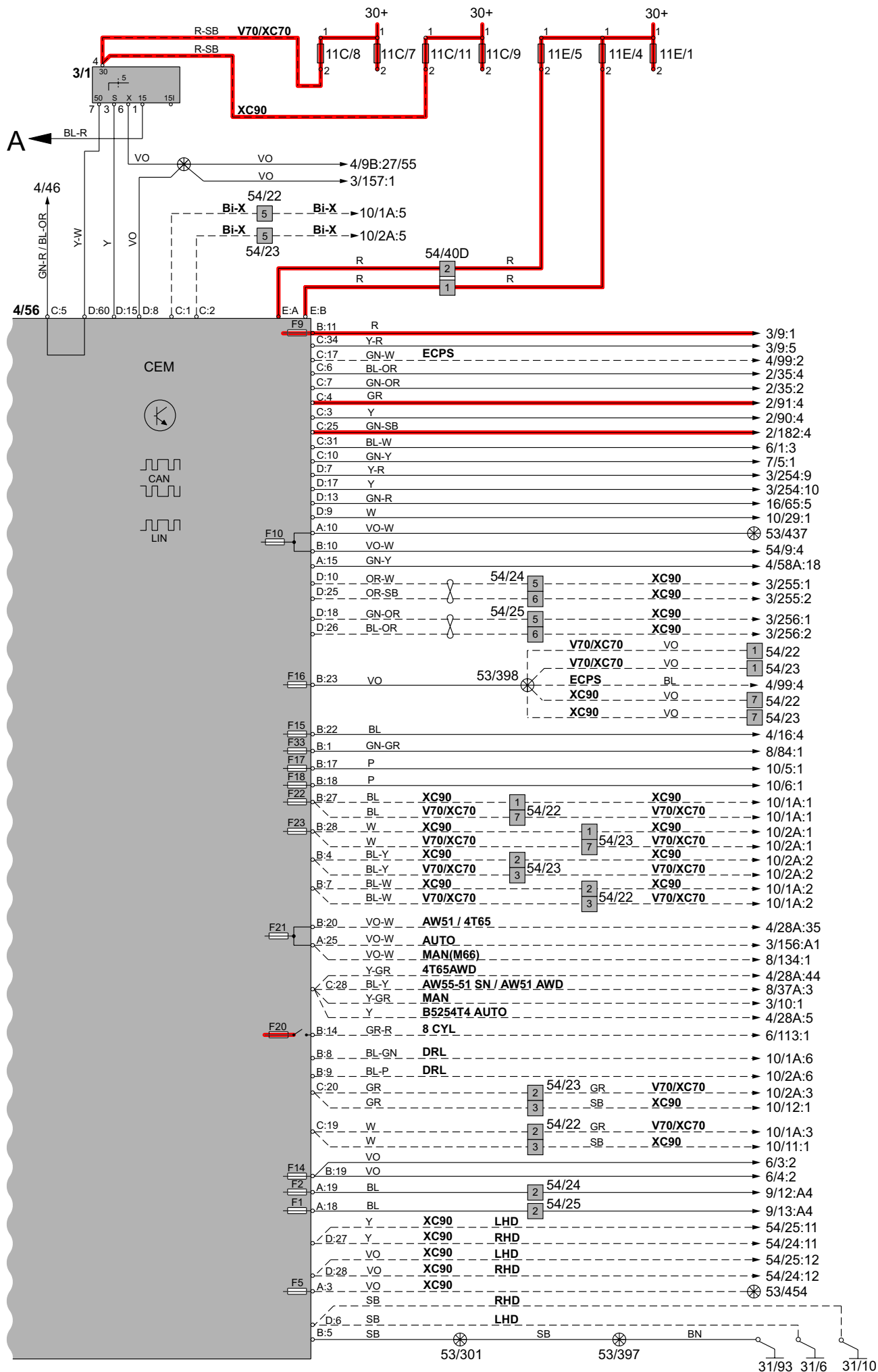
Unit	Designation
ACM	6/26 Alternator Control Module (ACM)
AEM	4/78 Accessory Electronic Module (AEM)
ATM	16/110 Antenna module (ATM)
AQS	7/159 Air Quality Sensor (AQS)
AUD	16/105 Audio Module (AUD)
BCM	4/16 Brake Control Module (BCM)
BSC	7/164 Body Sensor Cluster Stability Sensor (BSC)
CCM	3/112 Climate 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)
GSM	3/156 Gear Selector Module (GSM)
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)
MP1	16/107 MD Player Module (MP1)
MP2	16/106 CD Player Module (MP2)
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)
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

Central Electronic Module (CEM) 1:2



Control modules

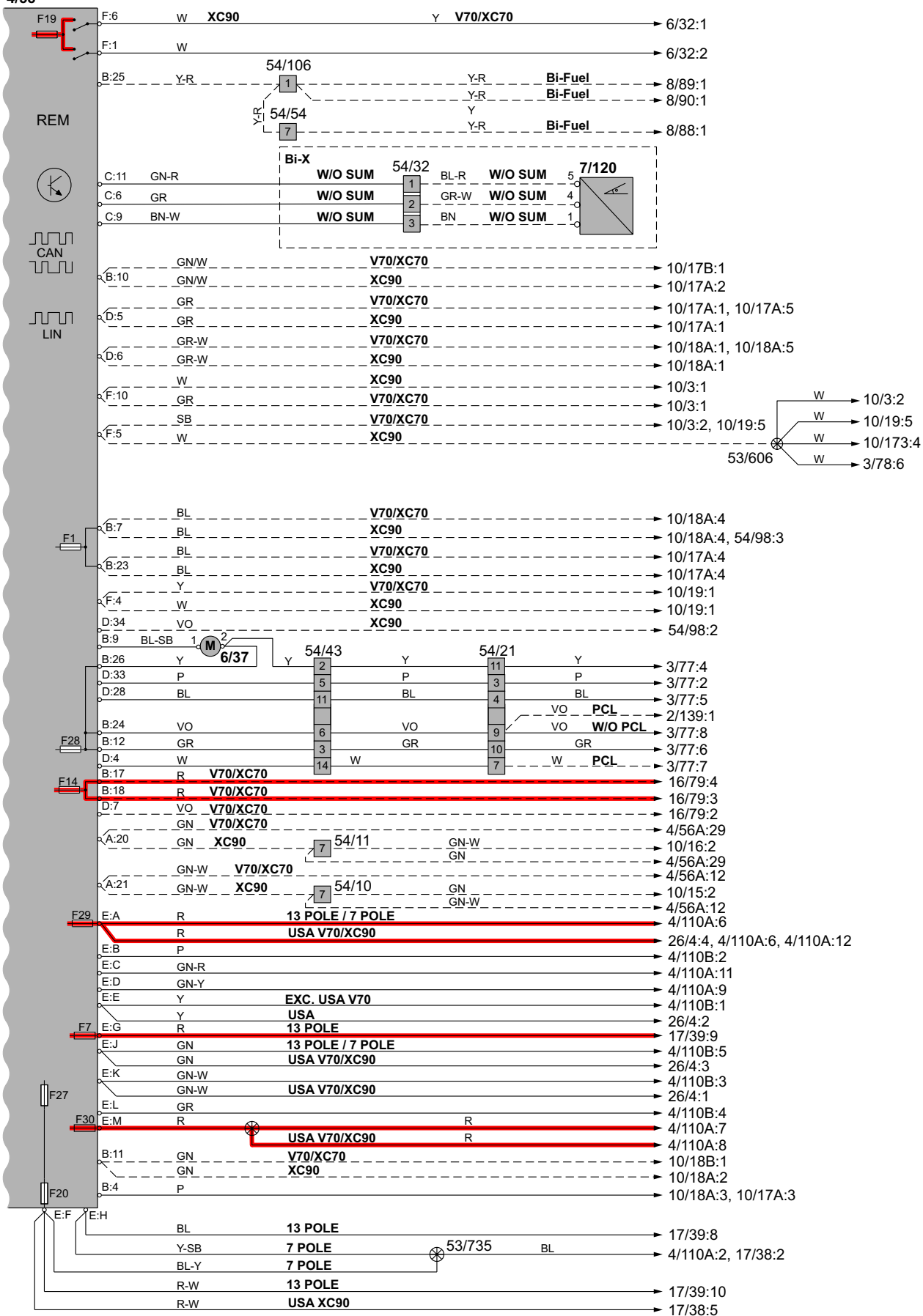
Central Electronic Module (CEM) 2:2



Control modules

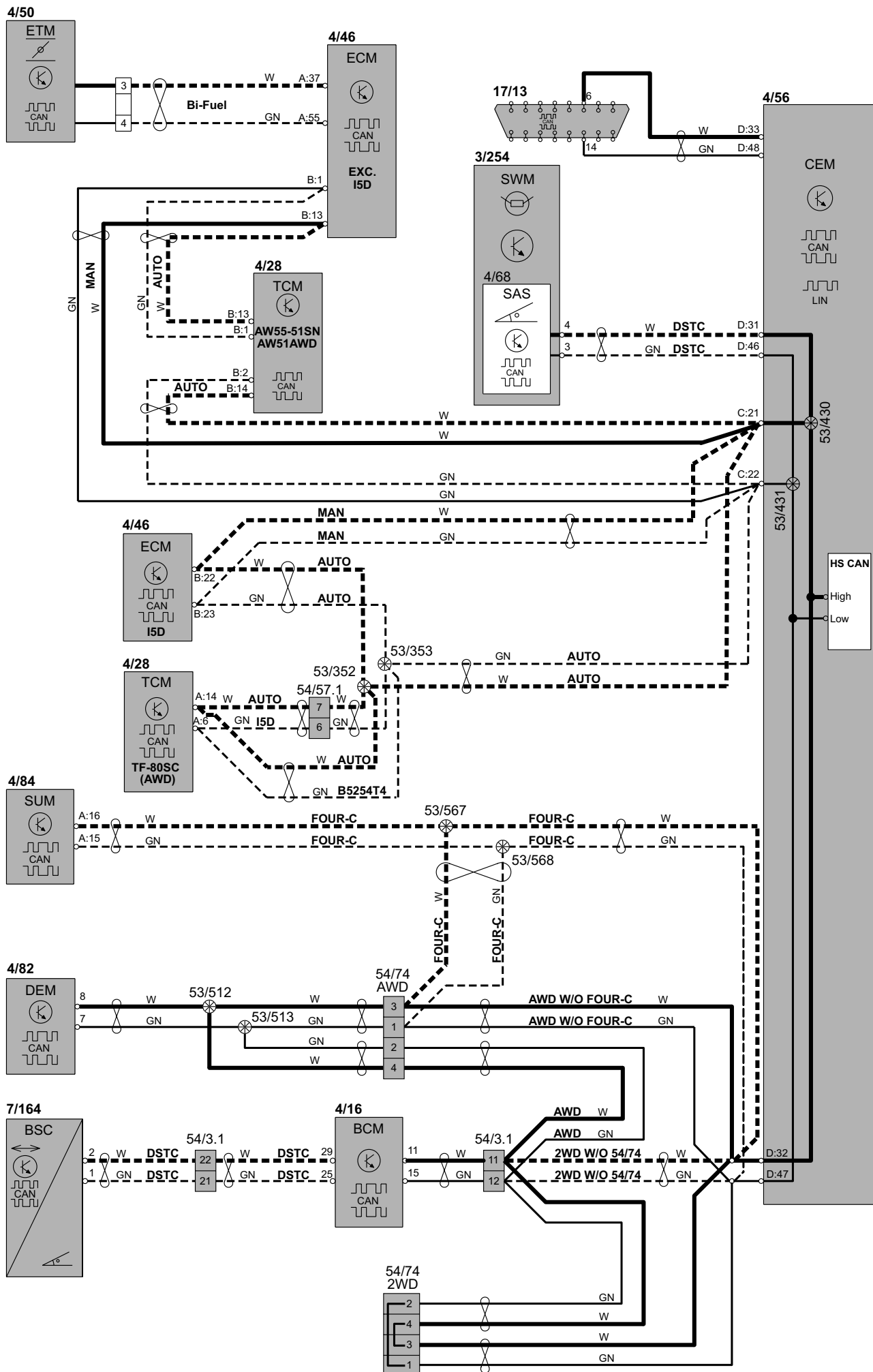
Rear Electronic Module (REM) 2:2

4/58



Control modules

Data communication high speed CAN V70

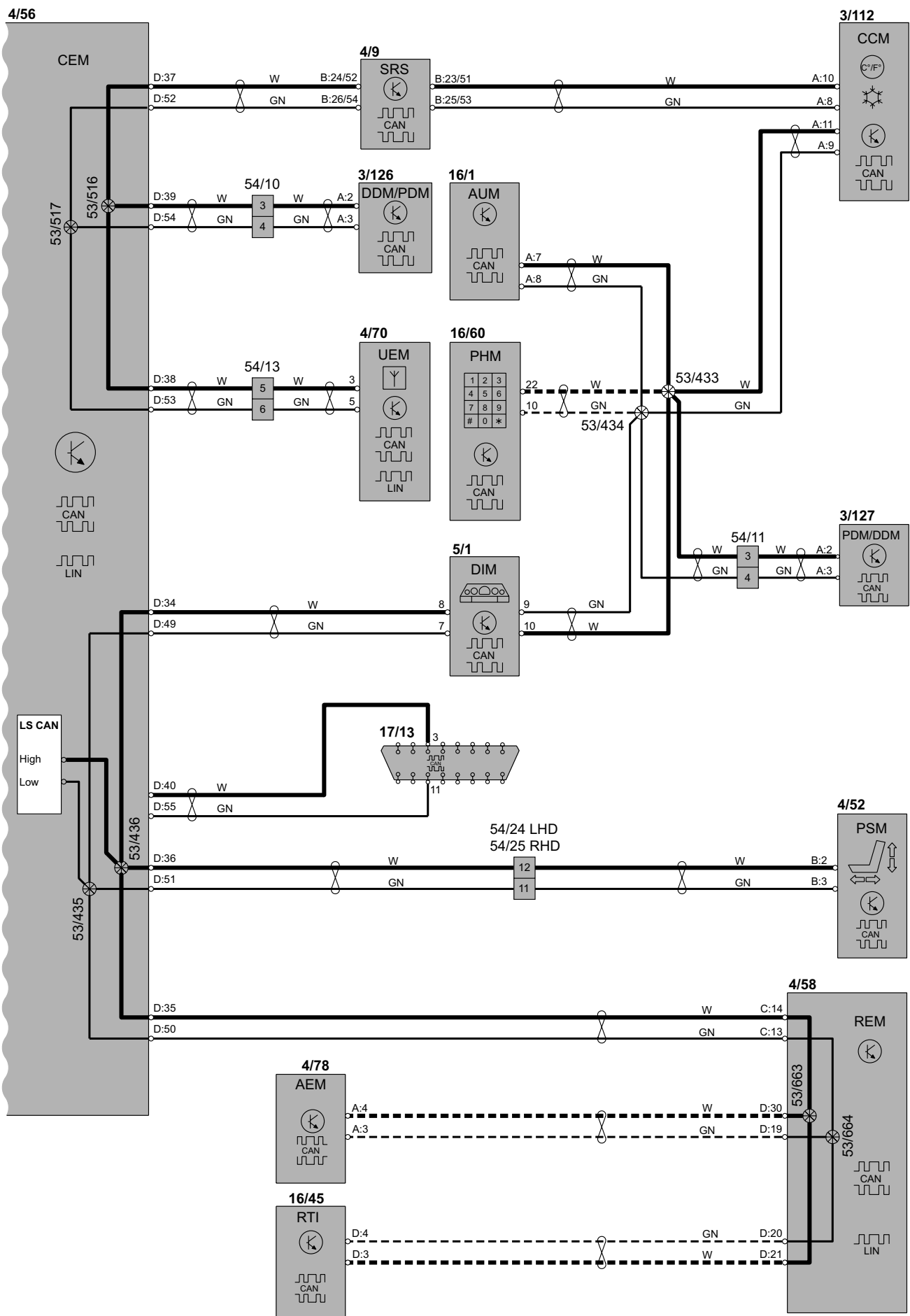


Data communication high speed CAN XC90



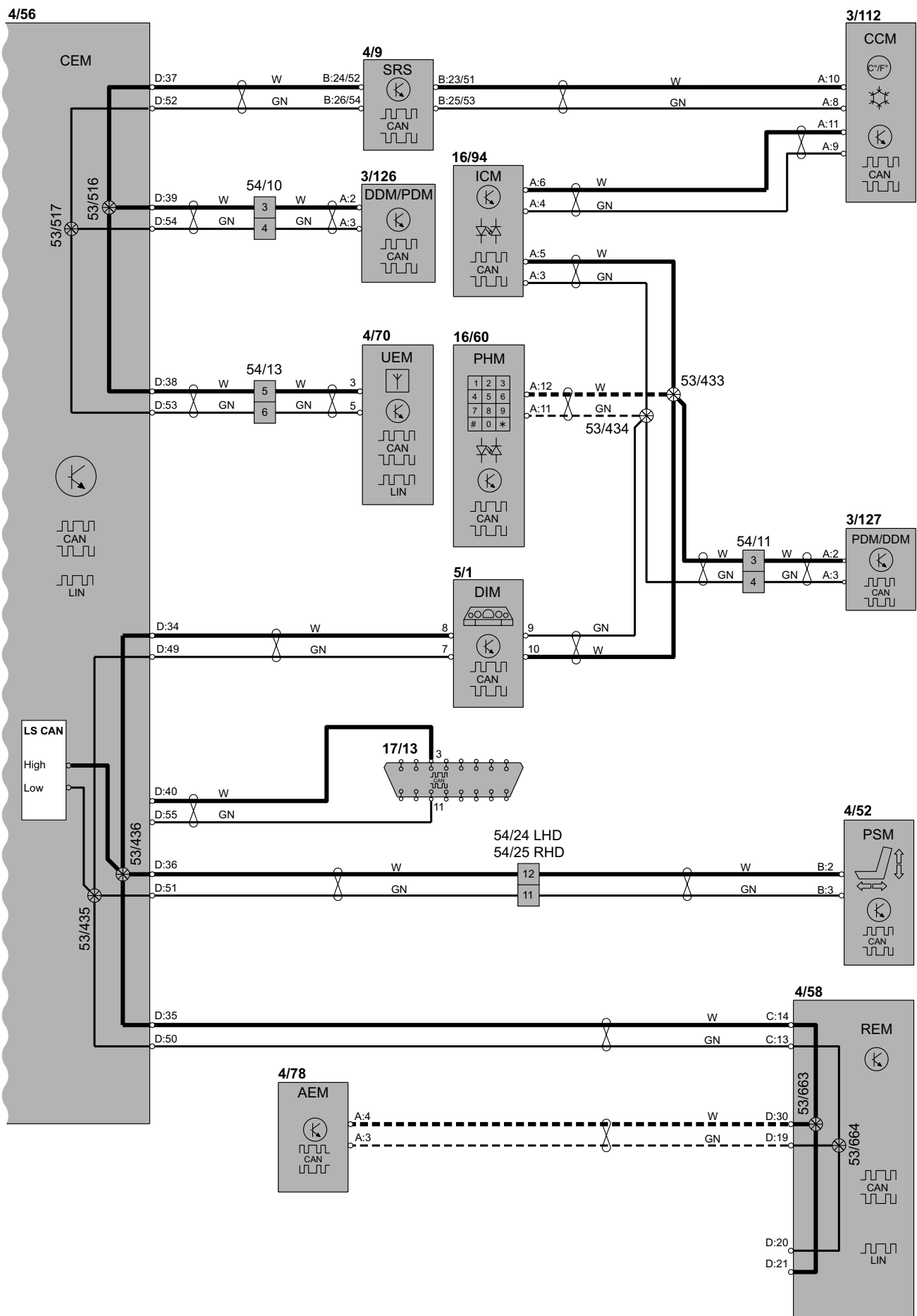
Control modules

Data communication low speed CAN V70

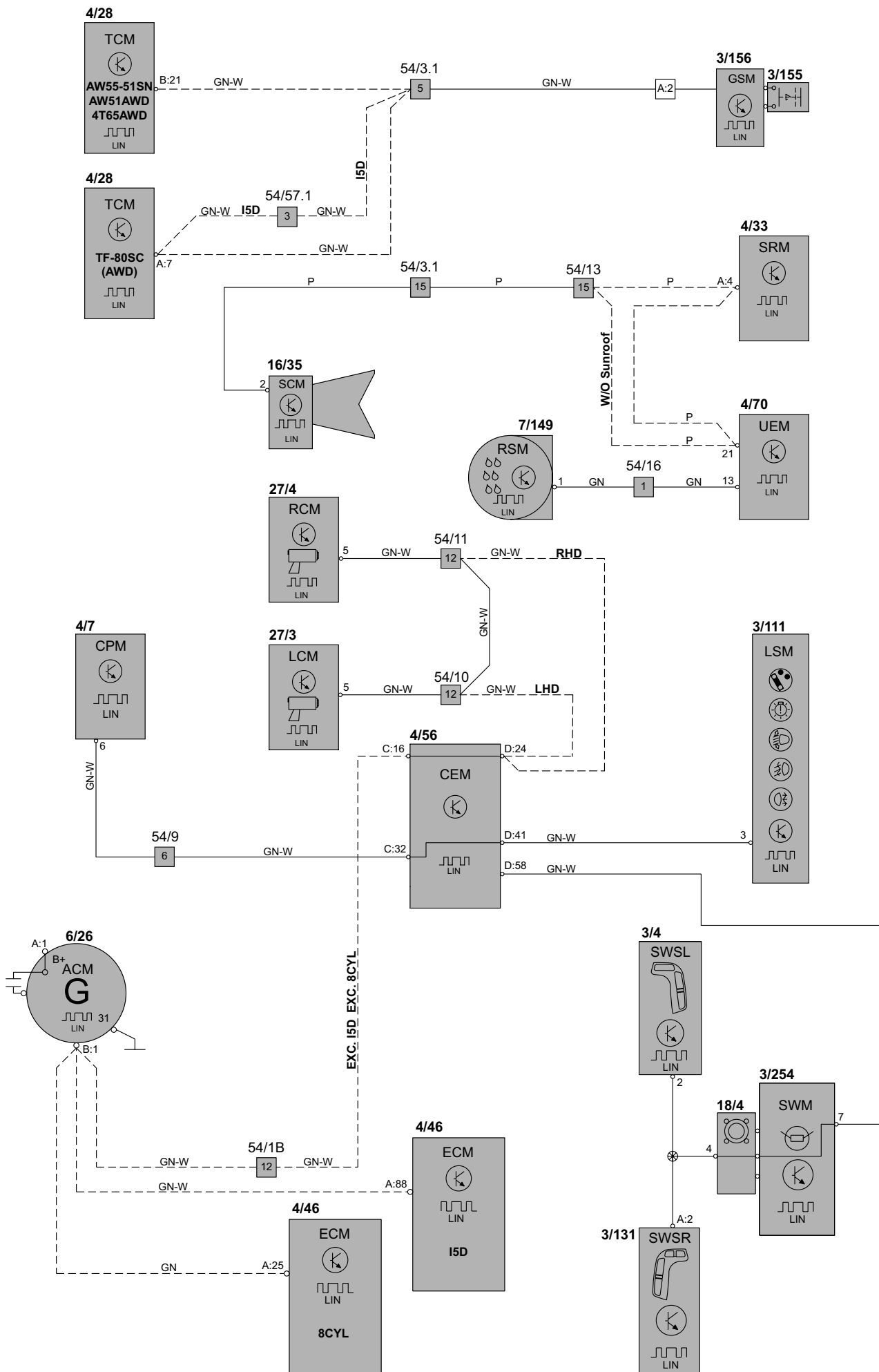


Control modules

Data communication low speed CAN XC90

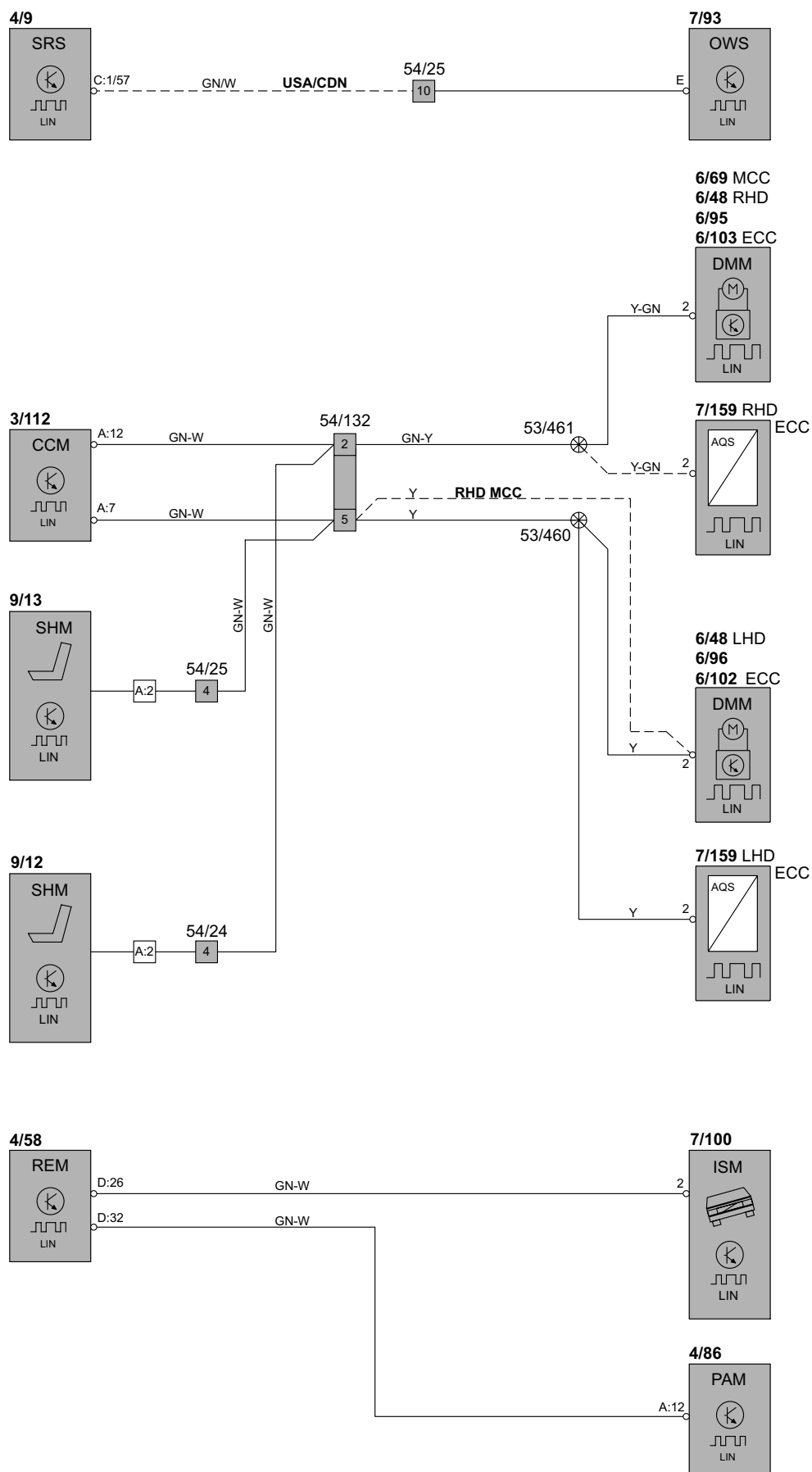


Data communication, LIN 1:2



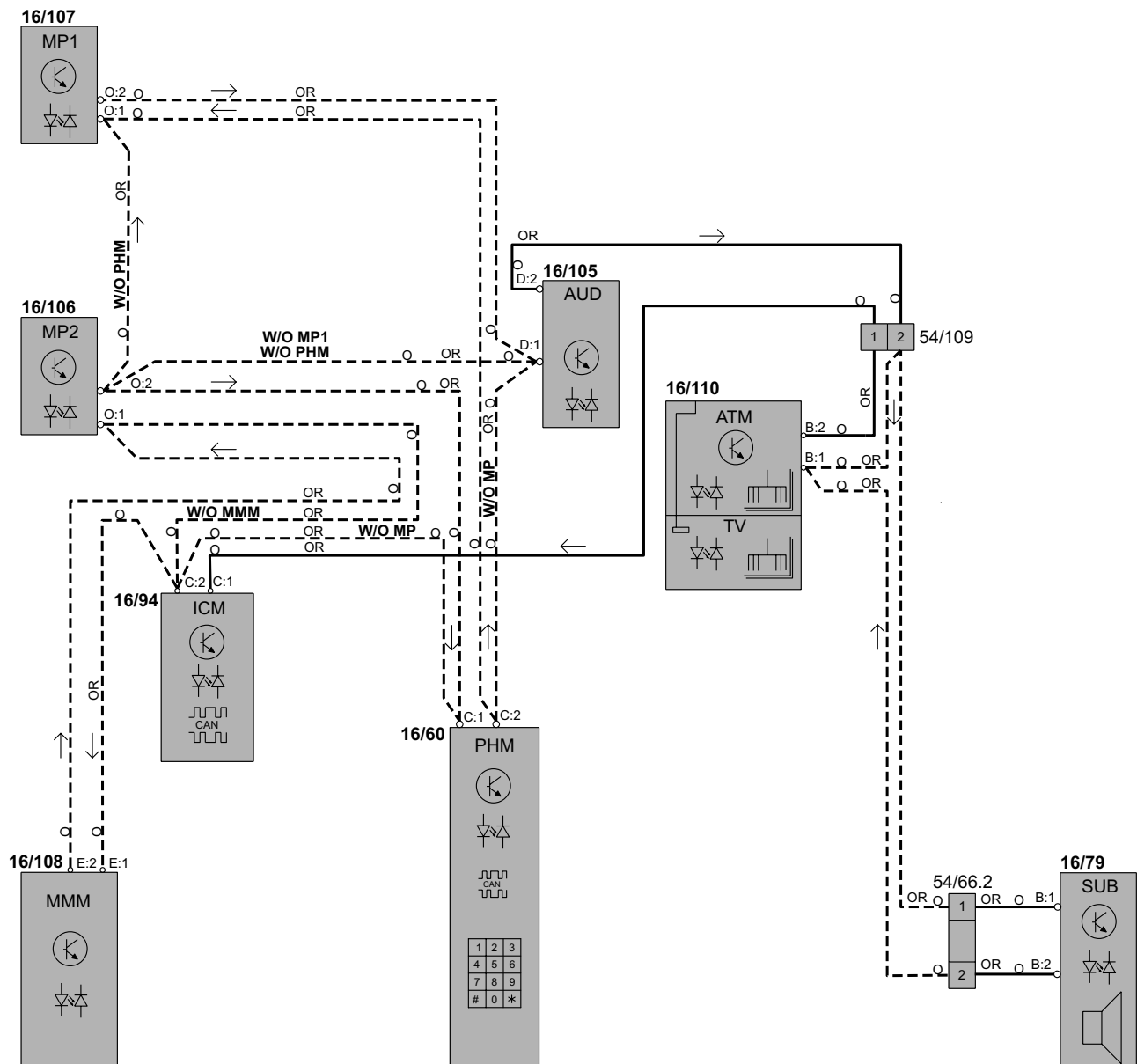
Control modules

Data communication, LIN 2:2



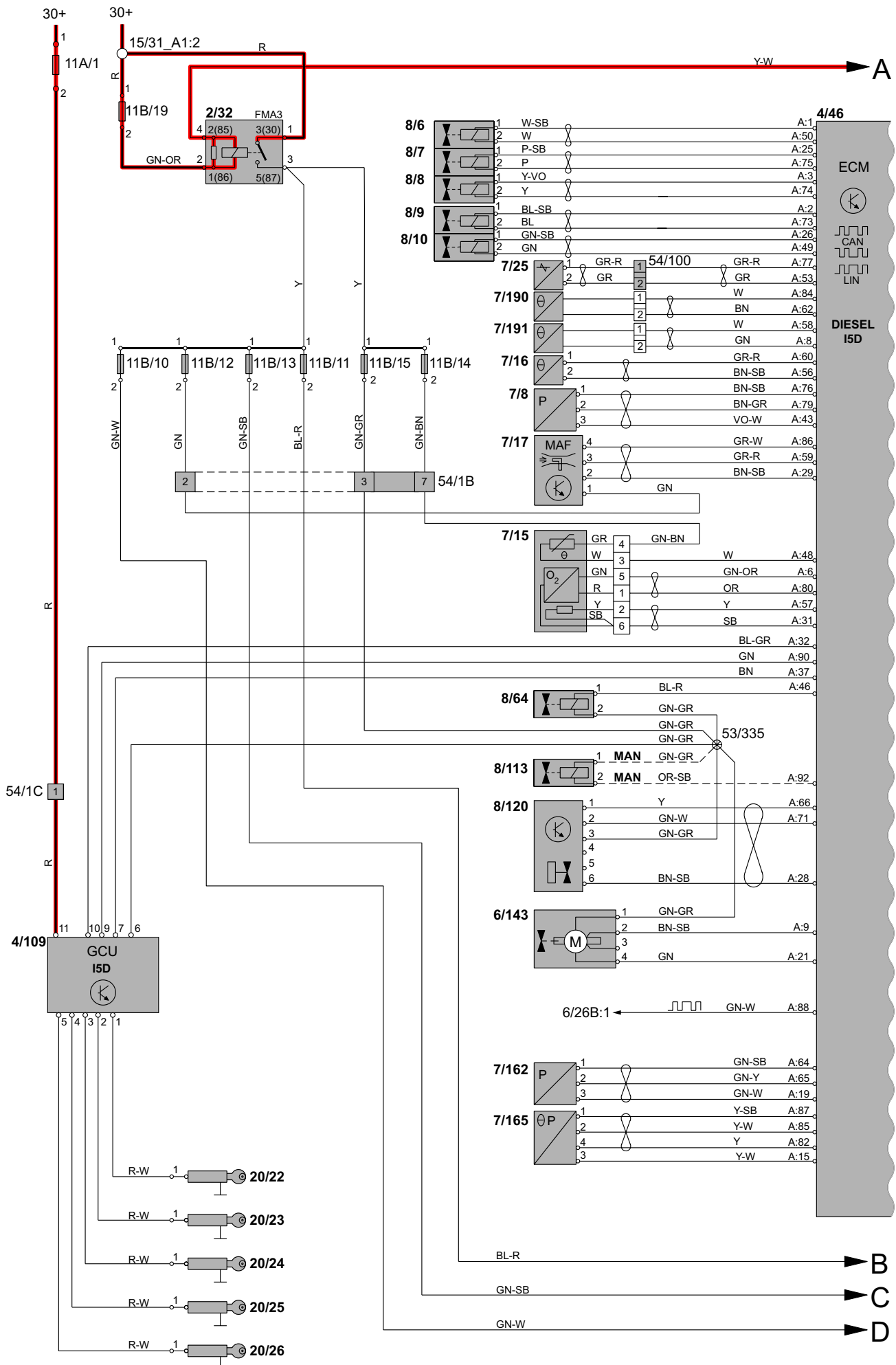
Control modules

Data communication MOST, XC90



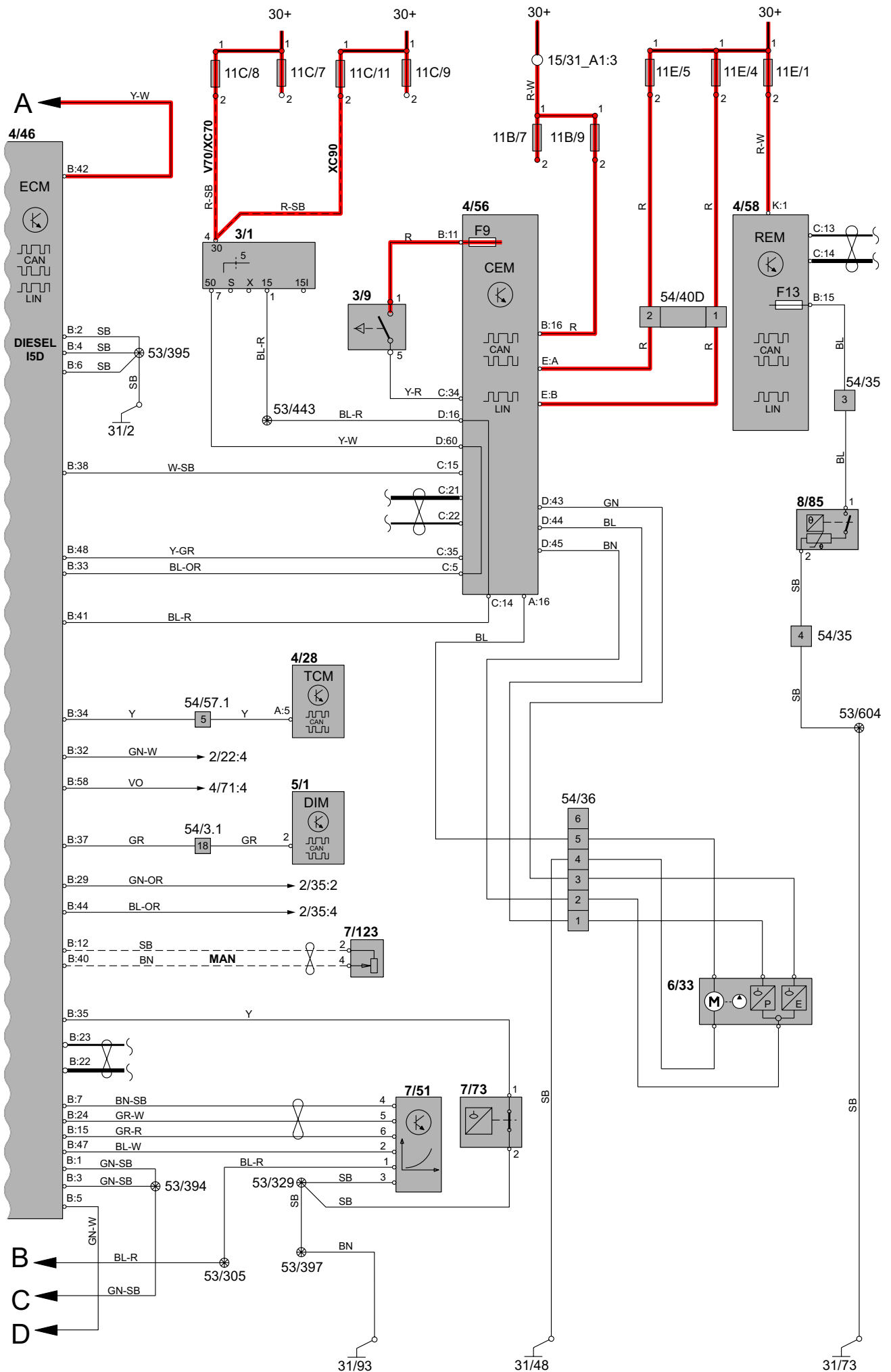
Group 23 Fuel system

Engine management system, I5D 1:3



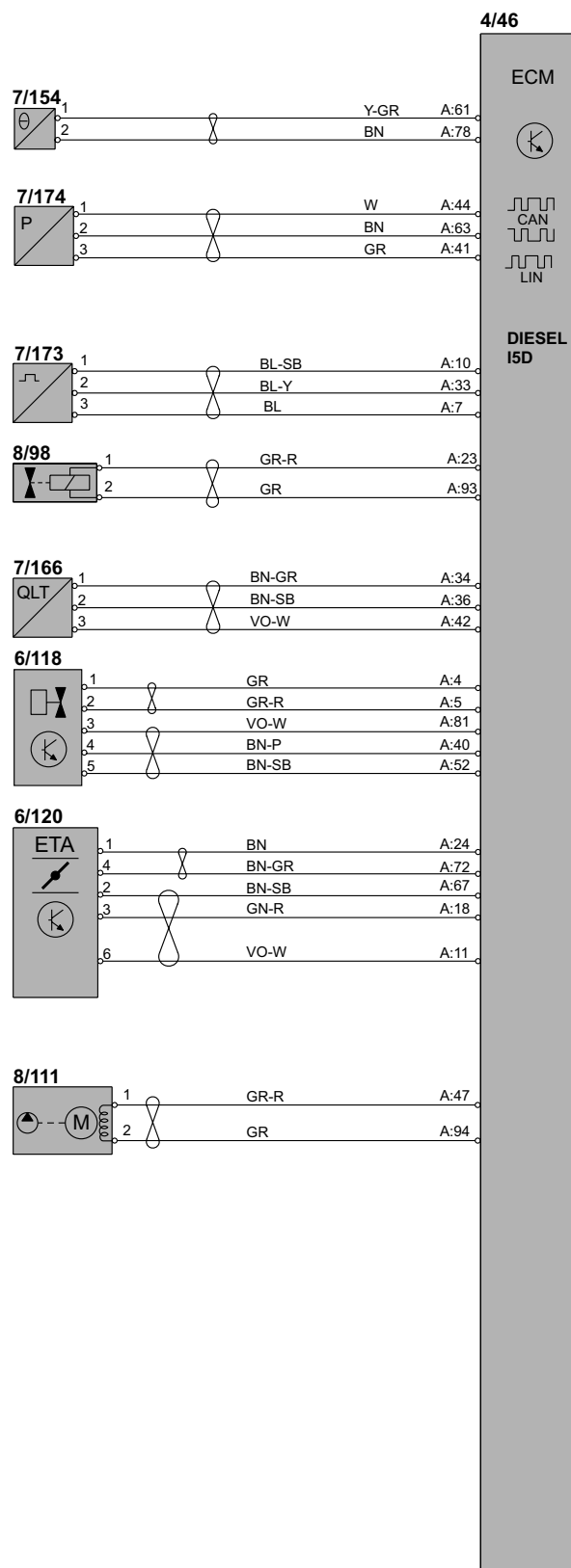
Group 23 Fuel system

Engine management system, I5D 2:3

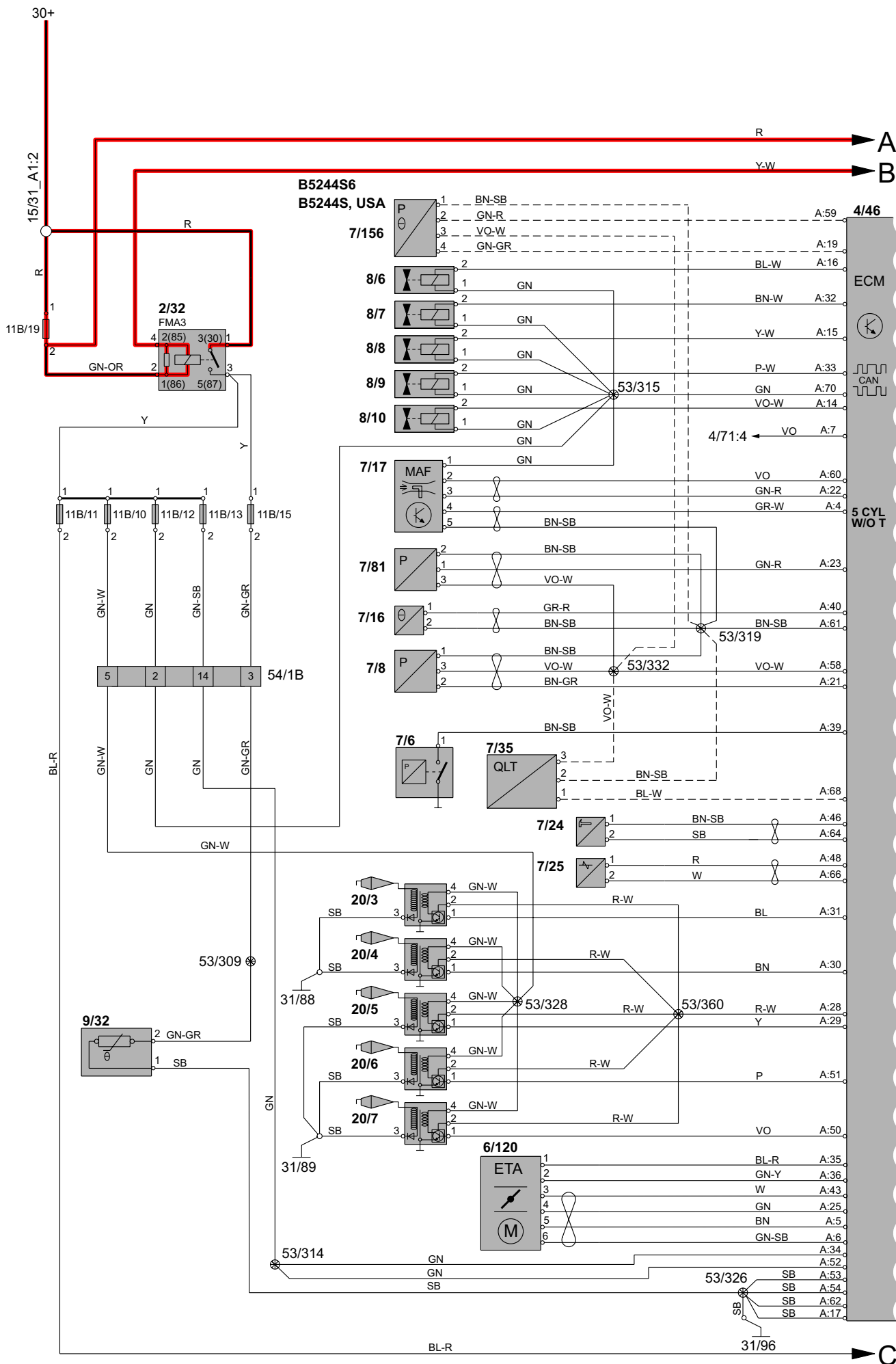


Group 23 Fuel system

Engine management system, I5D 3:3

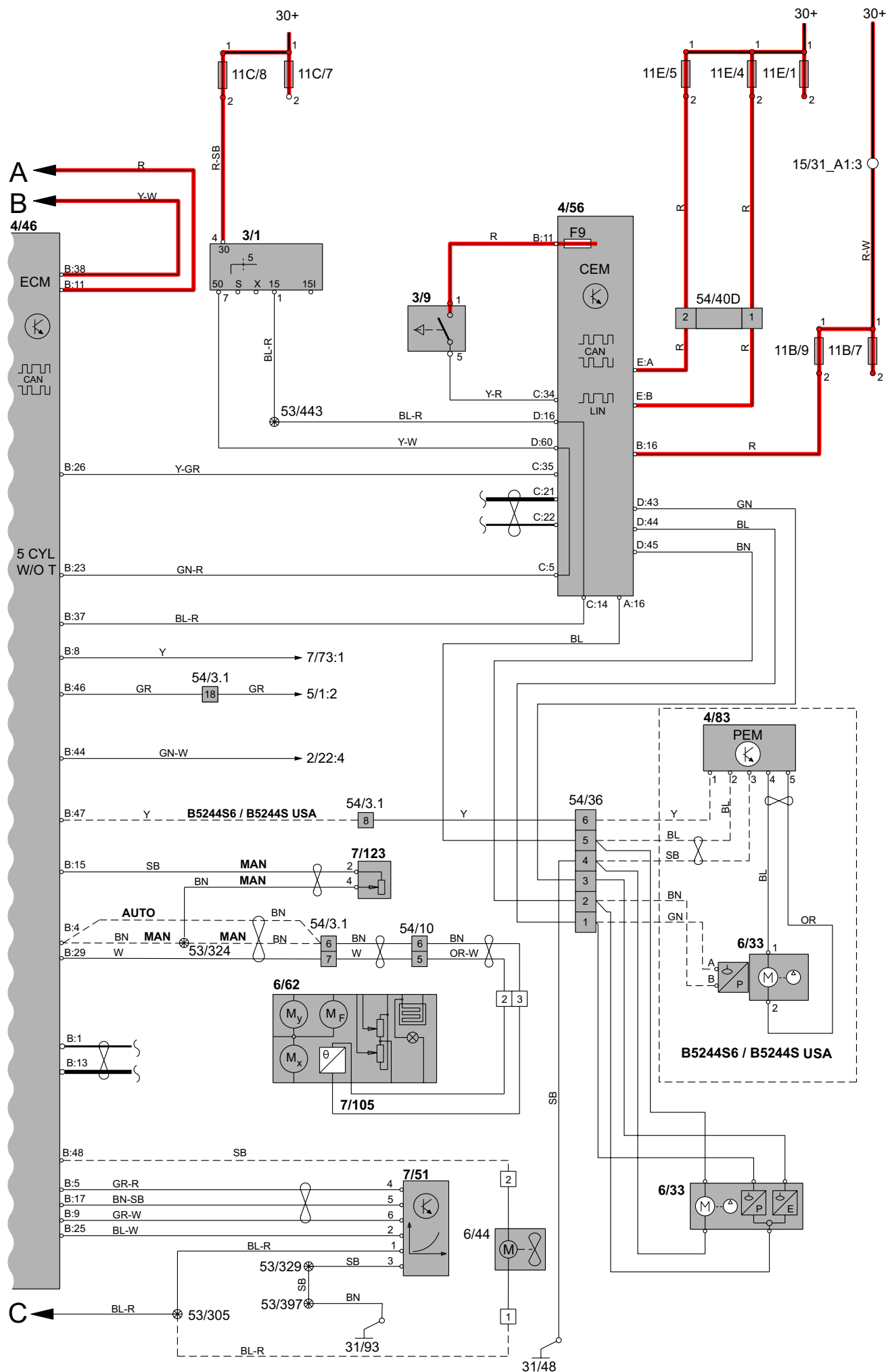


Engine management system, 5-cyl. 1:2

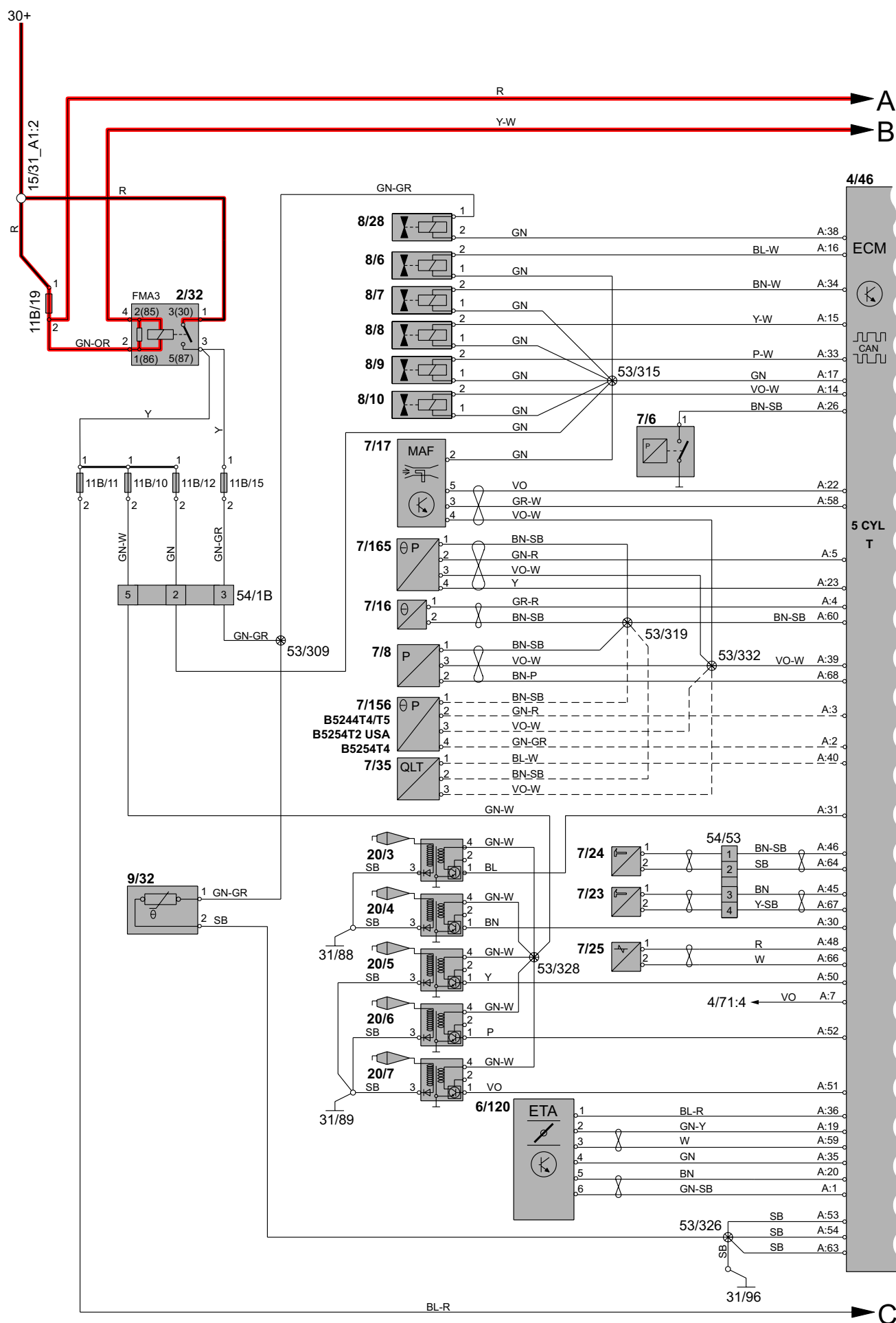


Group 23 Fuel system

Engine management system, 5-cyl. 2:2



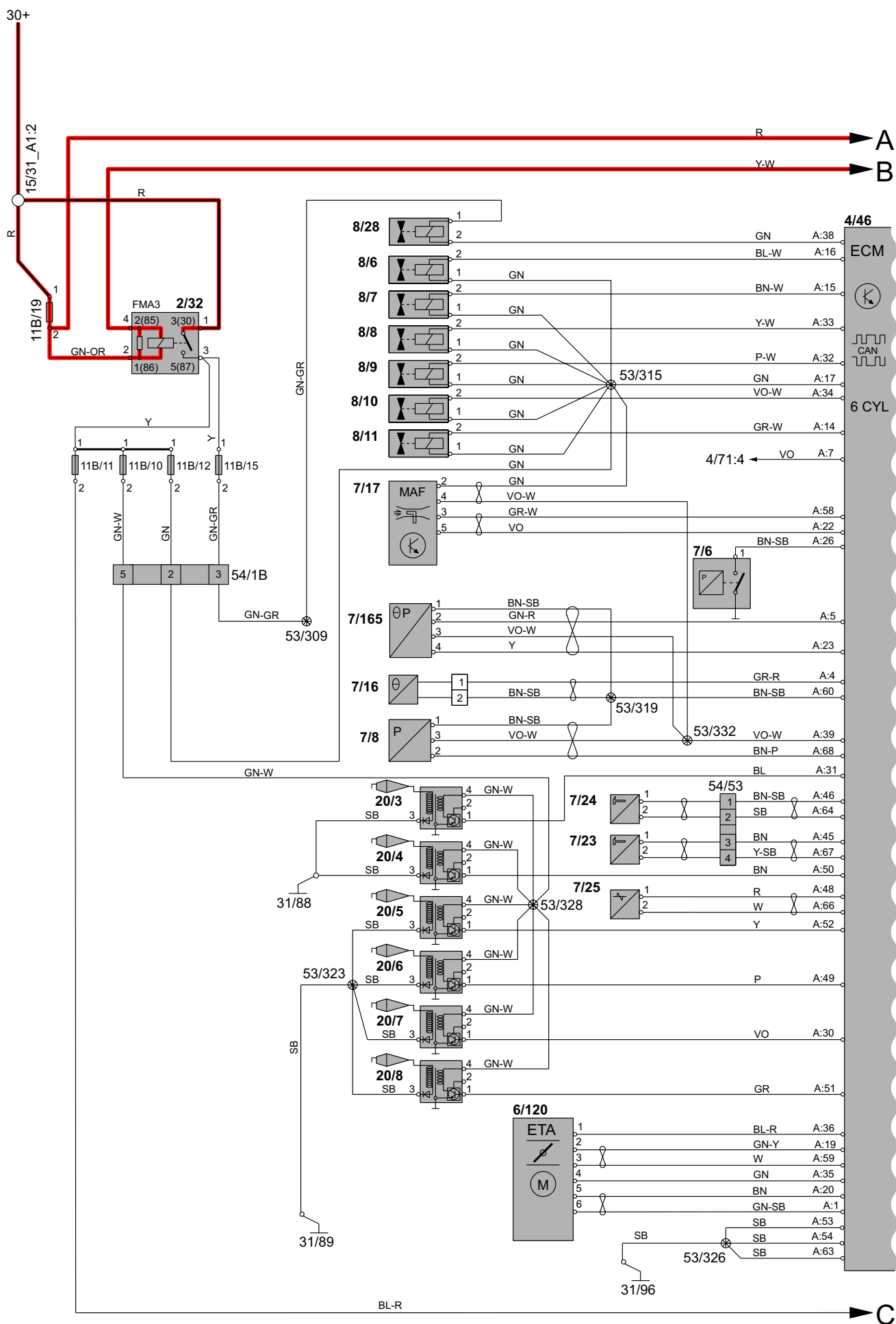
Engine management system, 5-cyl. Turbo 1:2



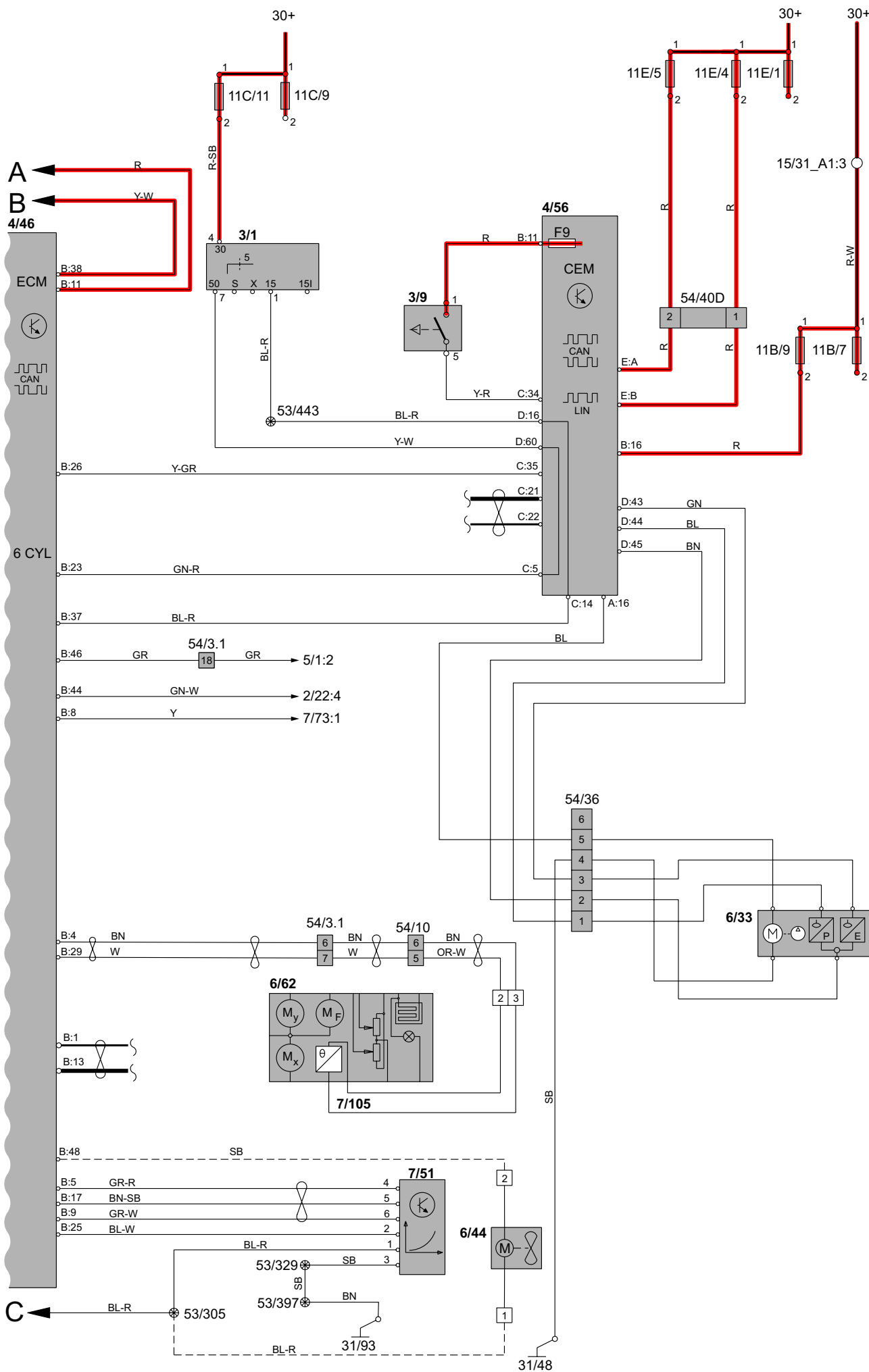
Engine management system, 5-cyl. Turbo 2:2



Engine management system, 6-cyl. 1:2

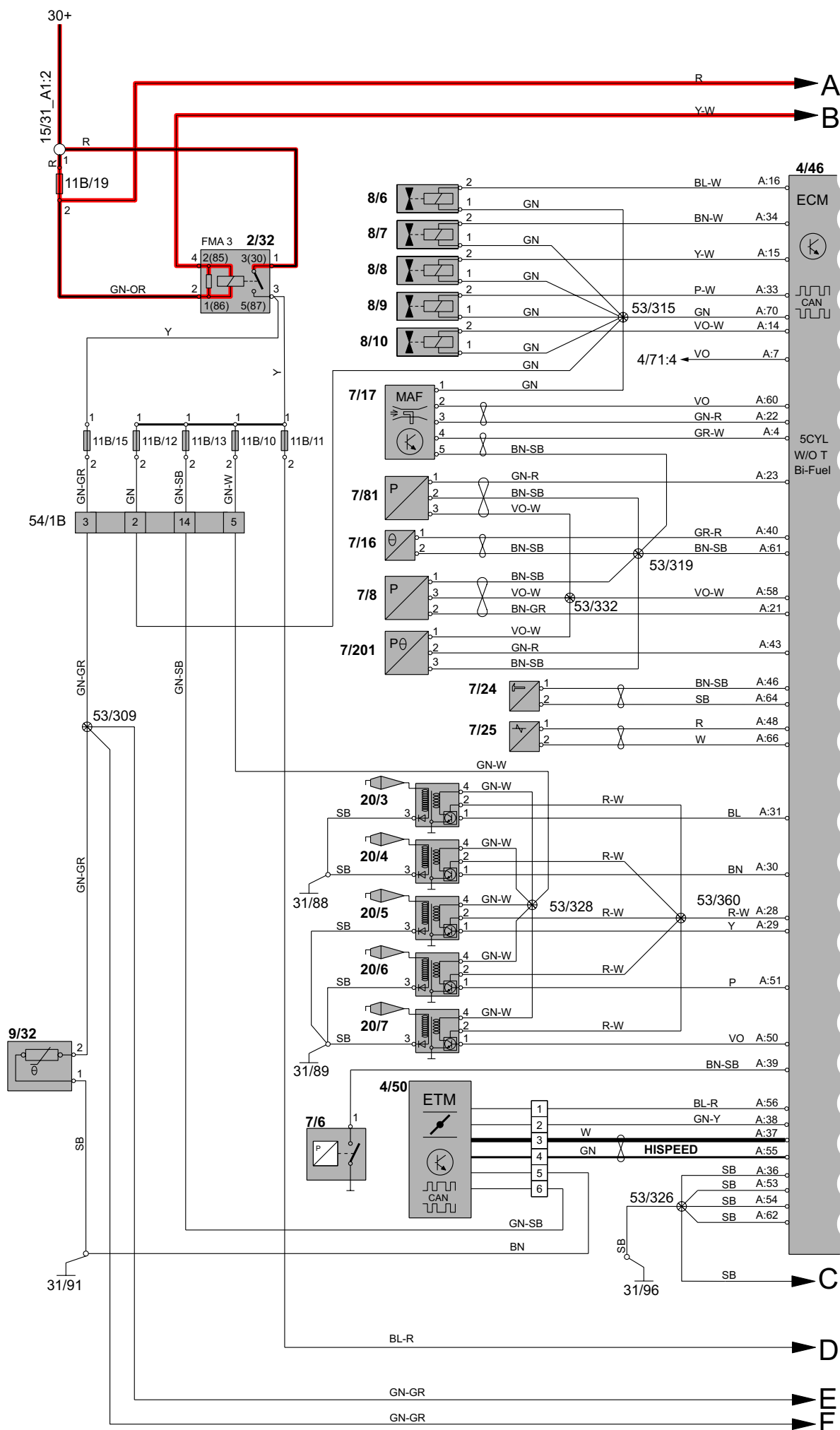


Engine management system, 6-cyl. 2:2



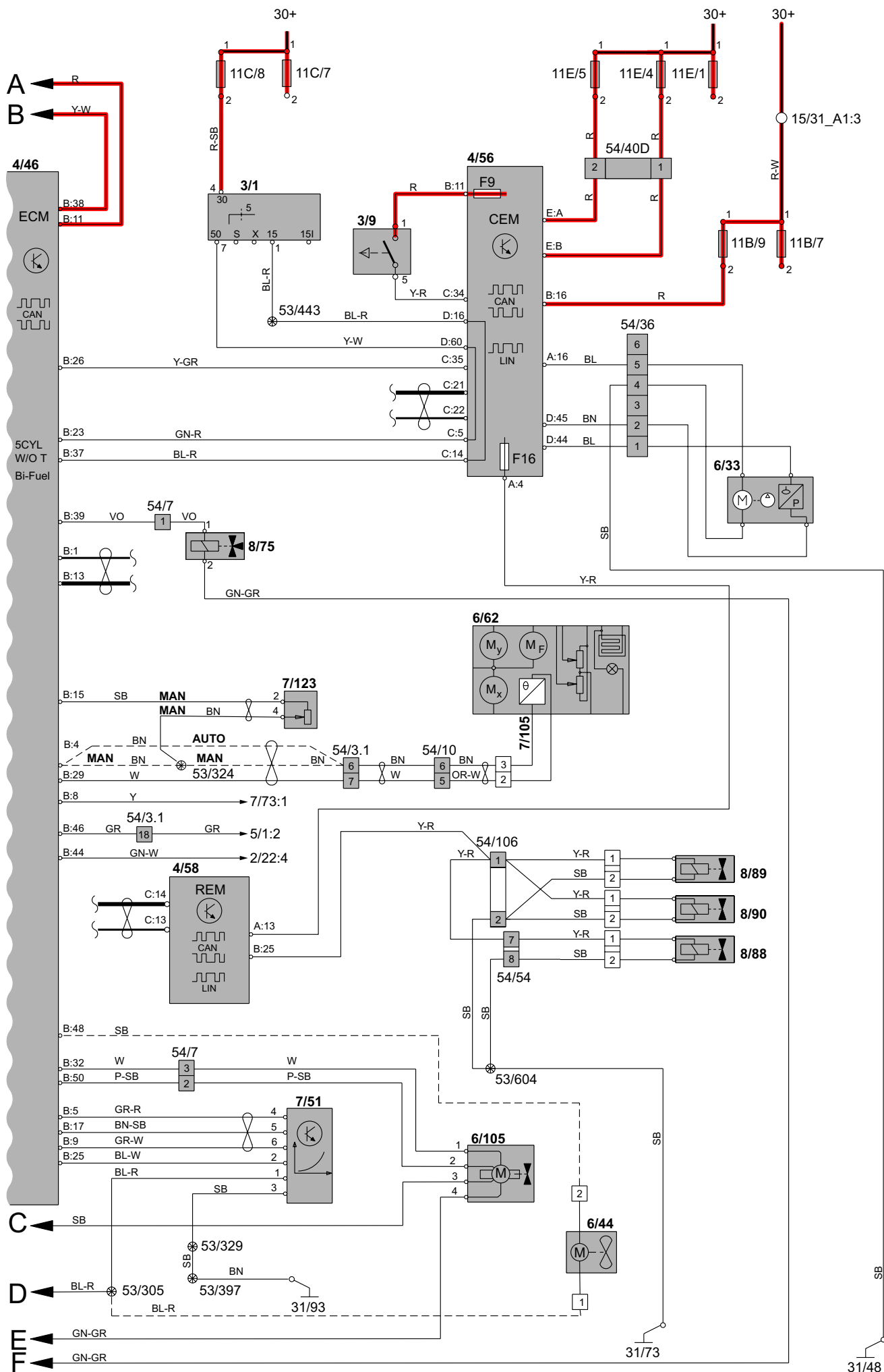
Group 23 Fuel system

Engine management system, Bi-fuel 1:2



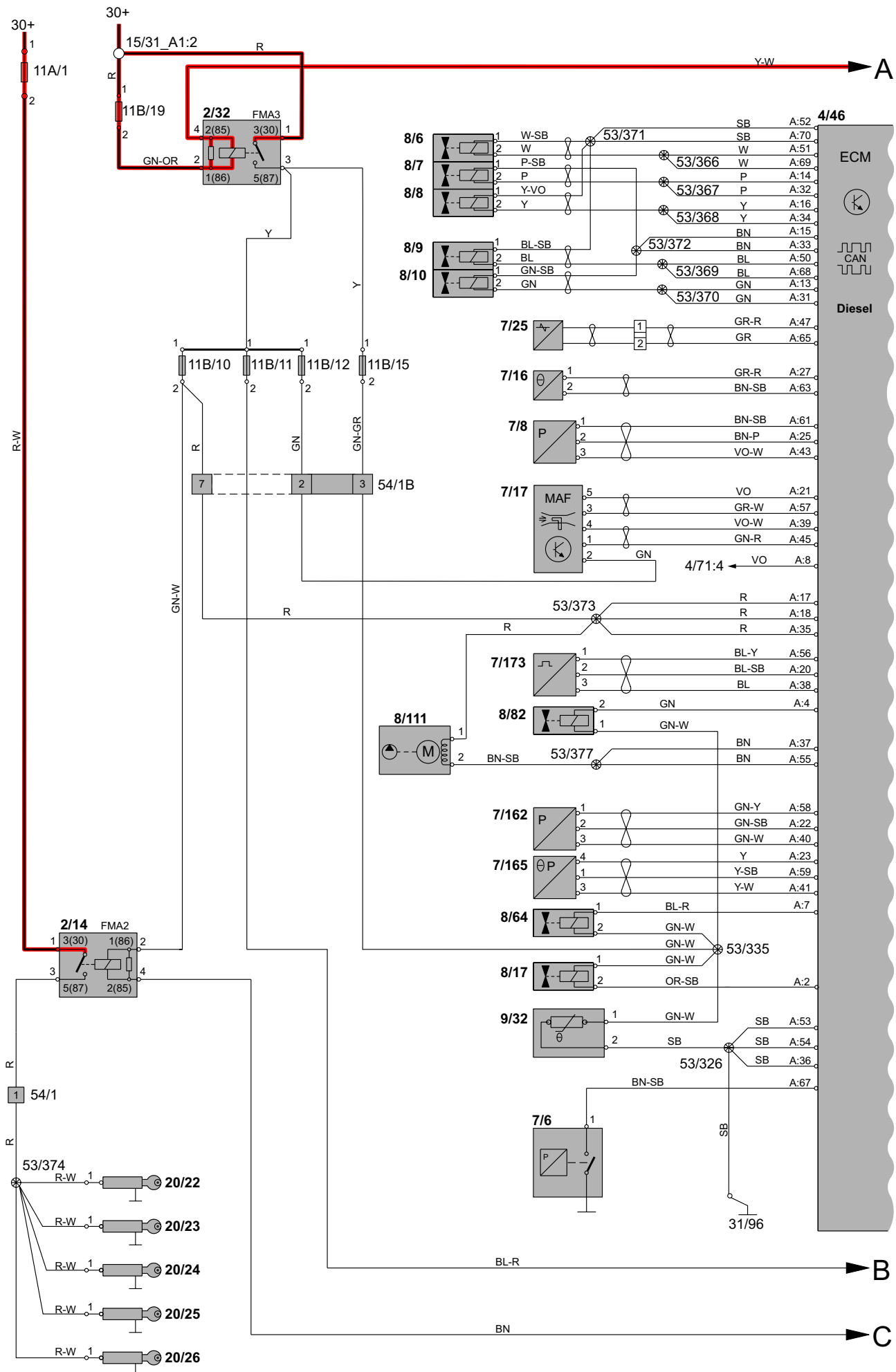
Group 23 Fuel system

Engine management system, Bi-fuel 2:2

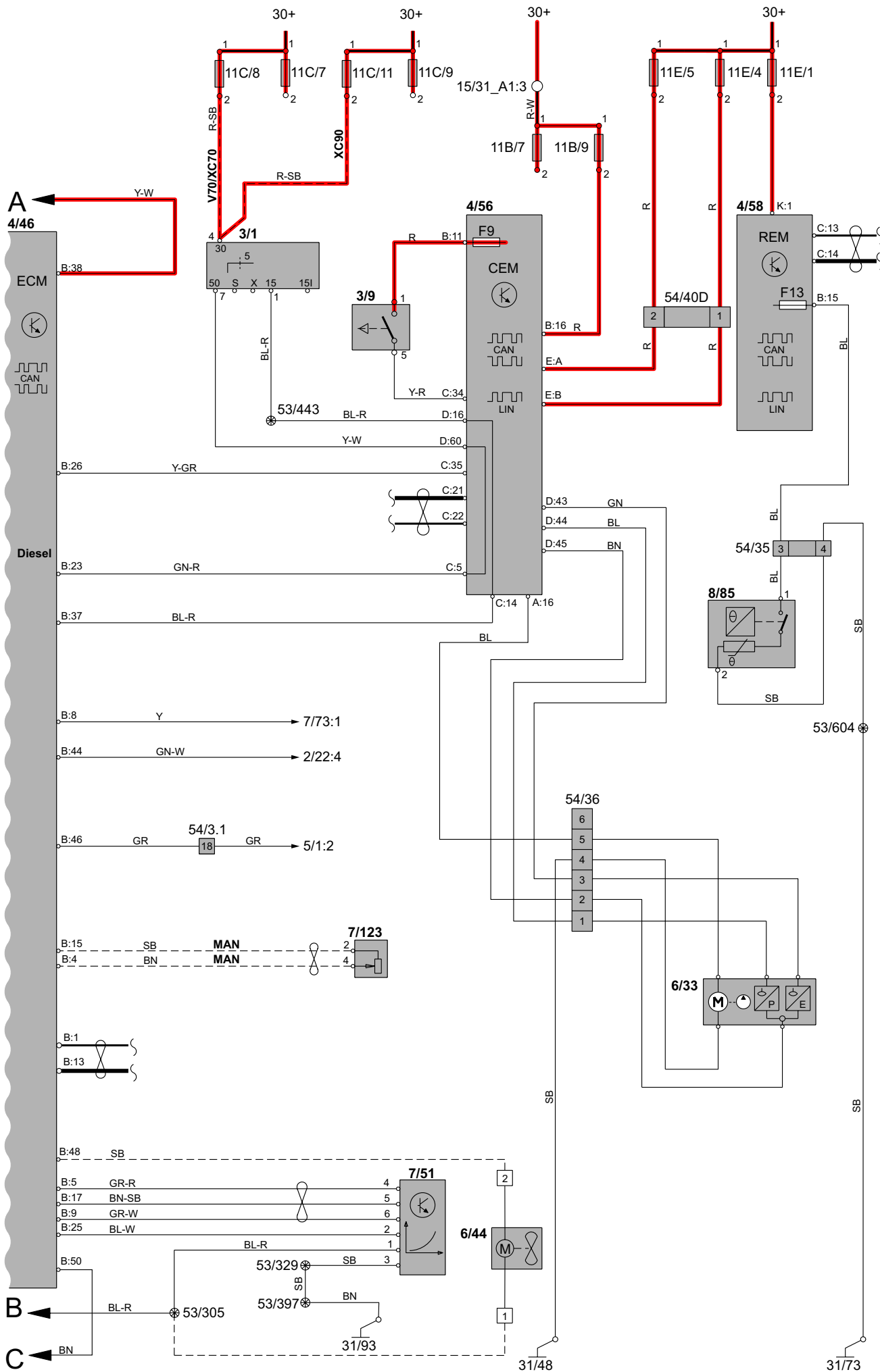


Group 23 Fuel system

Engine management system, diesel 1:2

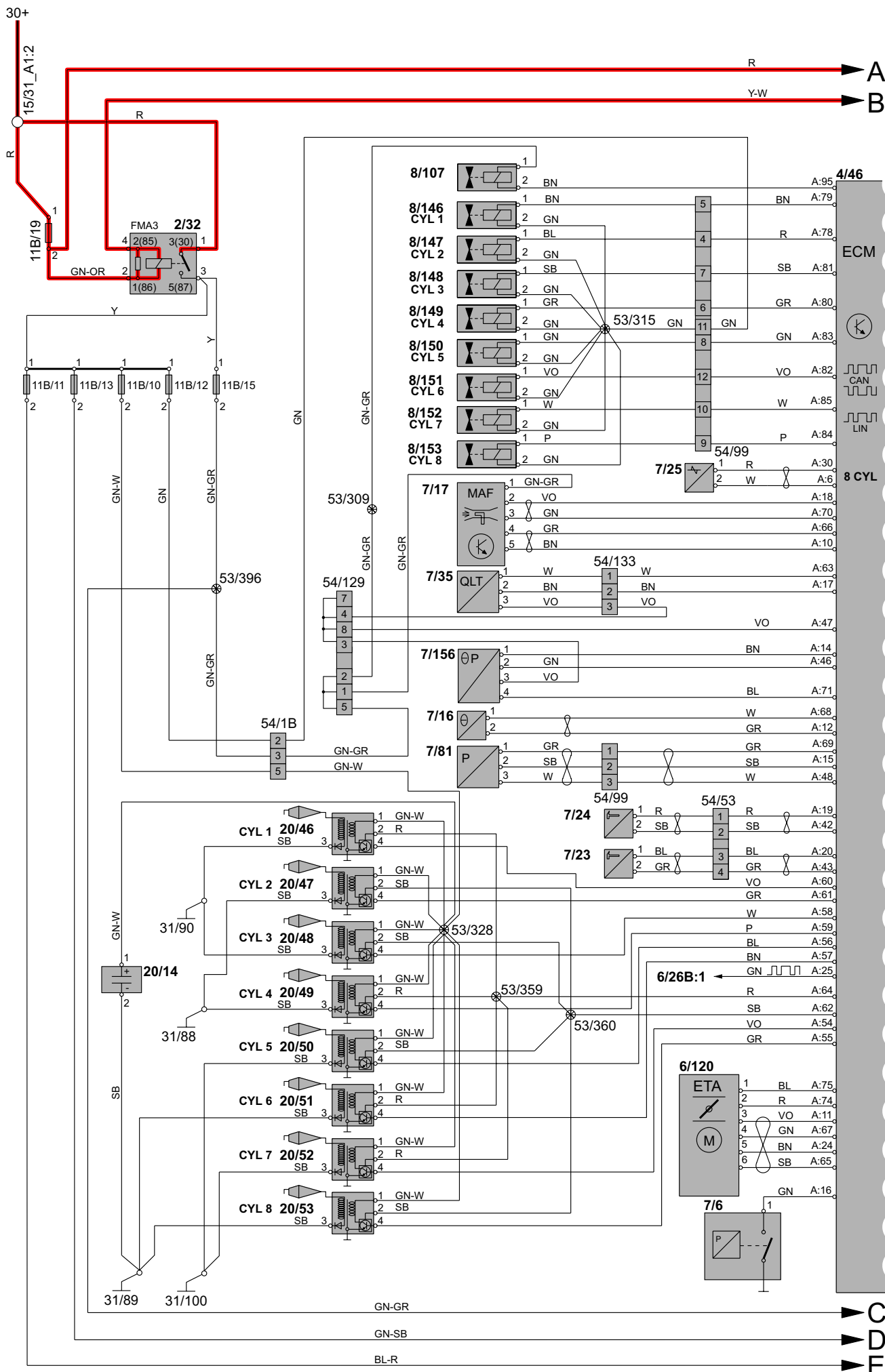


Engine management system, diesel 2:2

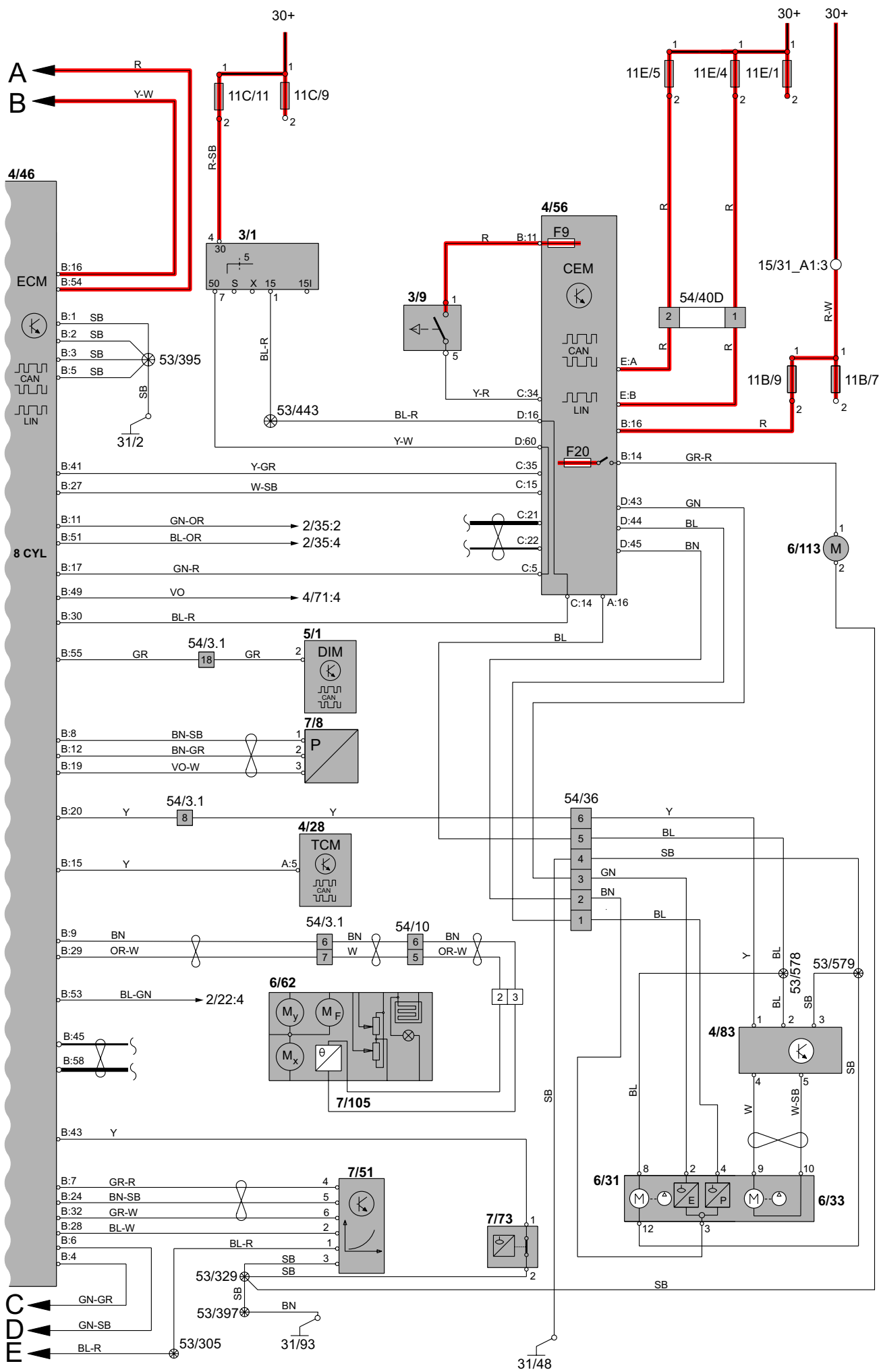


Group 23 Fuel system

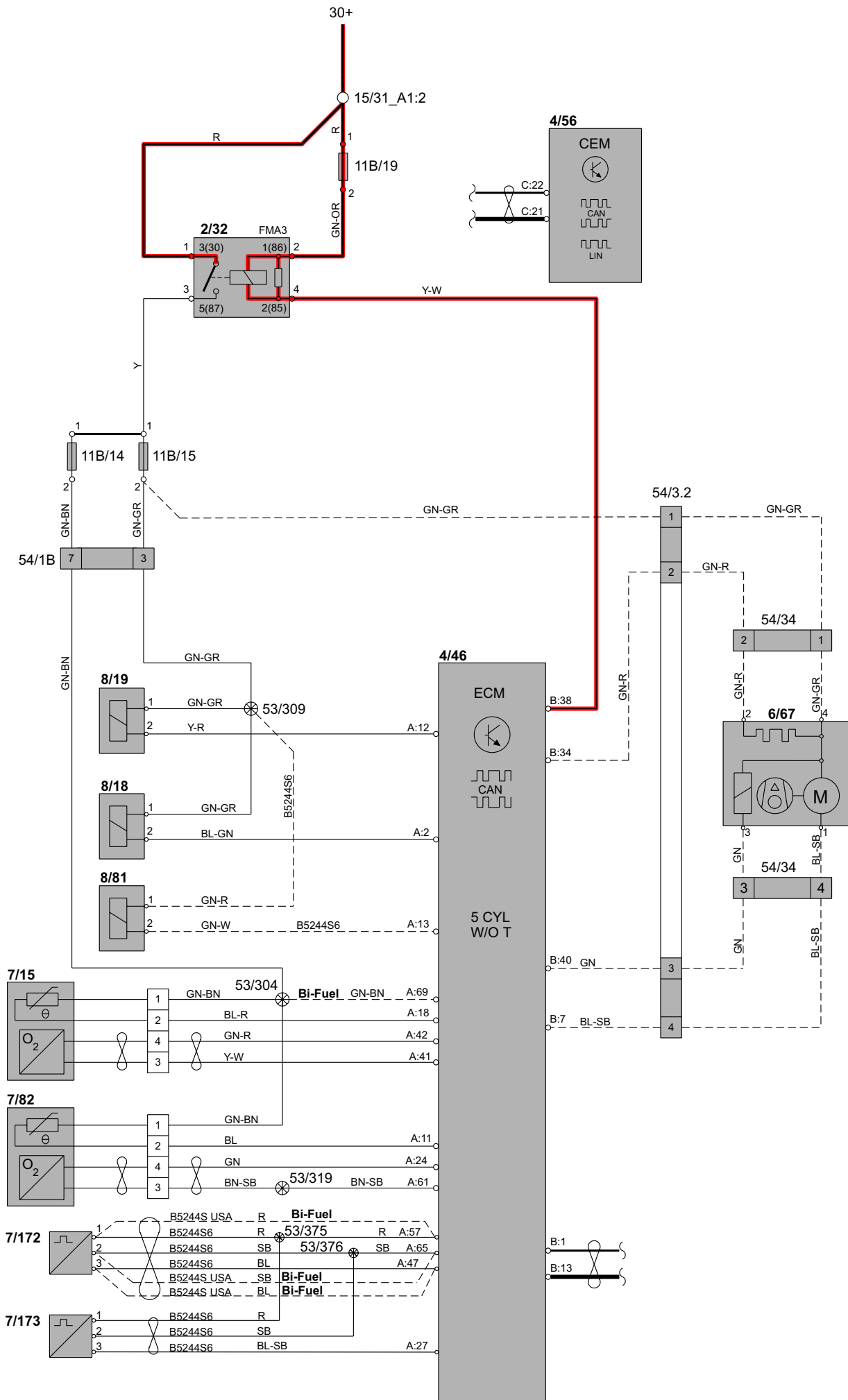
Engine management system, 8-cyl. 1:2



Engine management system, 8-cyl. 2:2

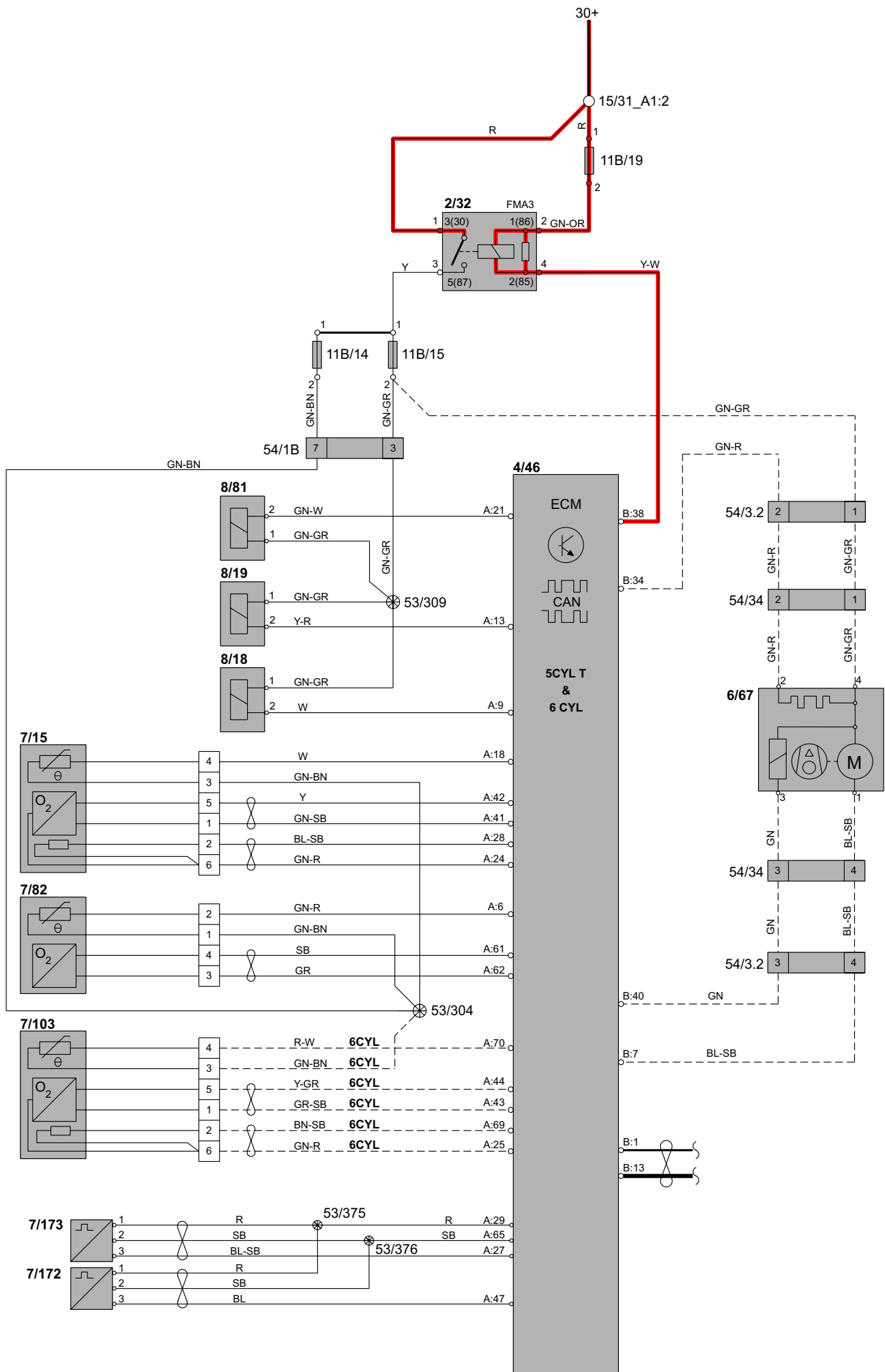


Group 23 Fuel system Emission control, 5-cyl.



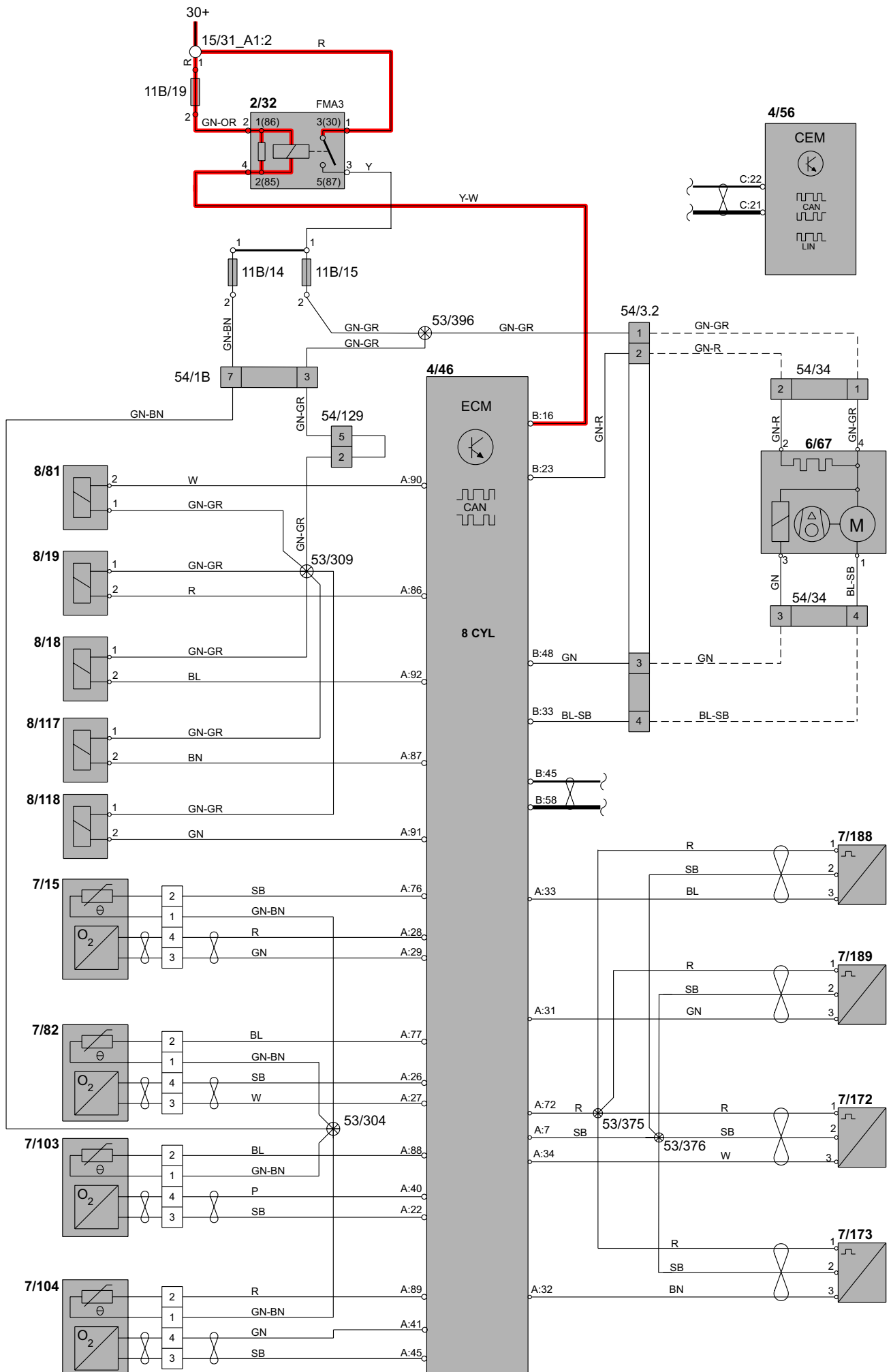
Group 23 Fuel system

Emission control, 5-cyl. turbo & 6-cyl.



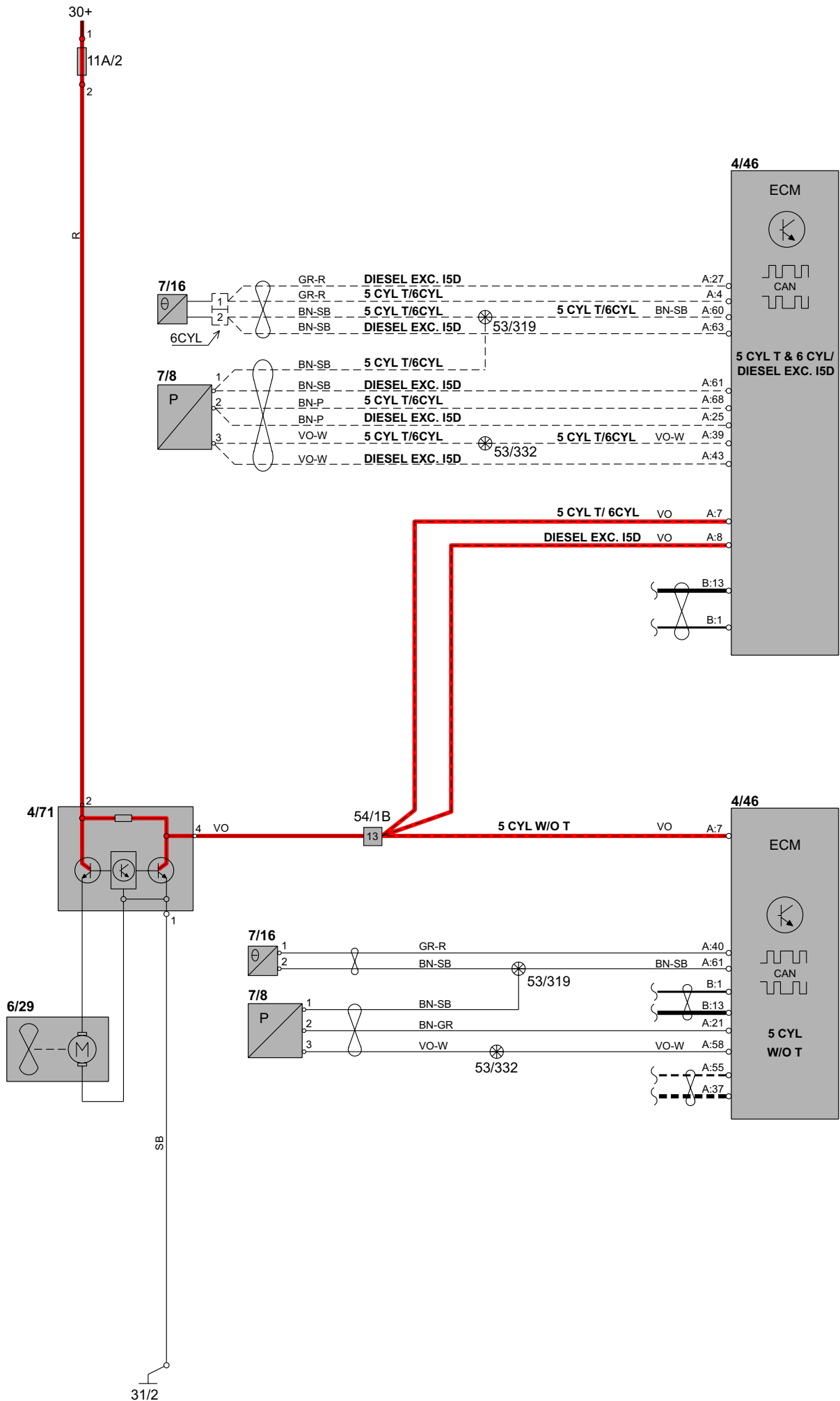
Group 23 Fuel system

Emission control, 8-cyl. XC90

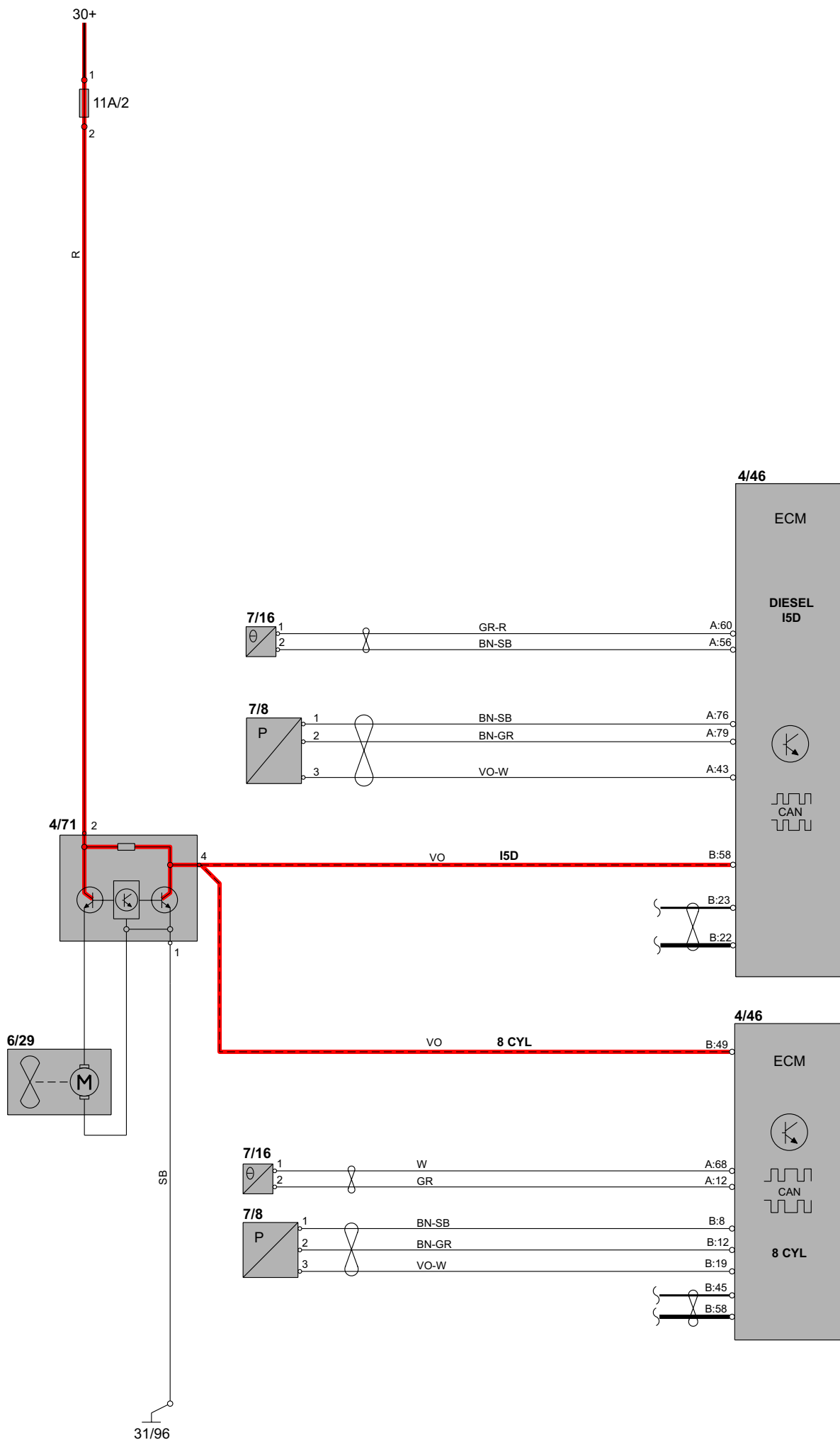


Group 26 Cooling system

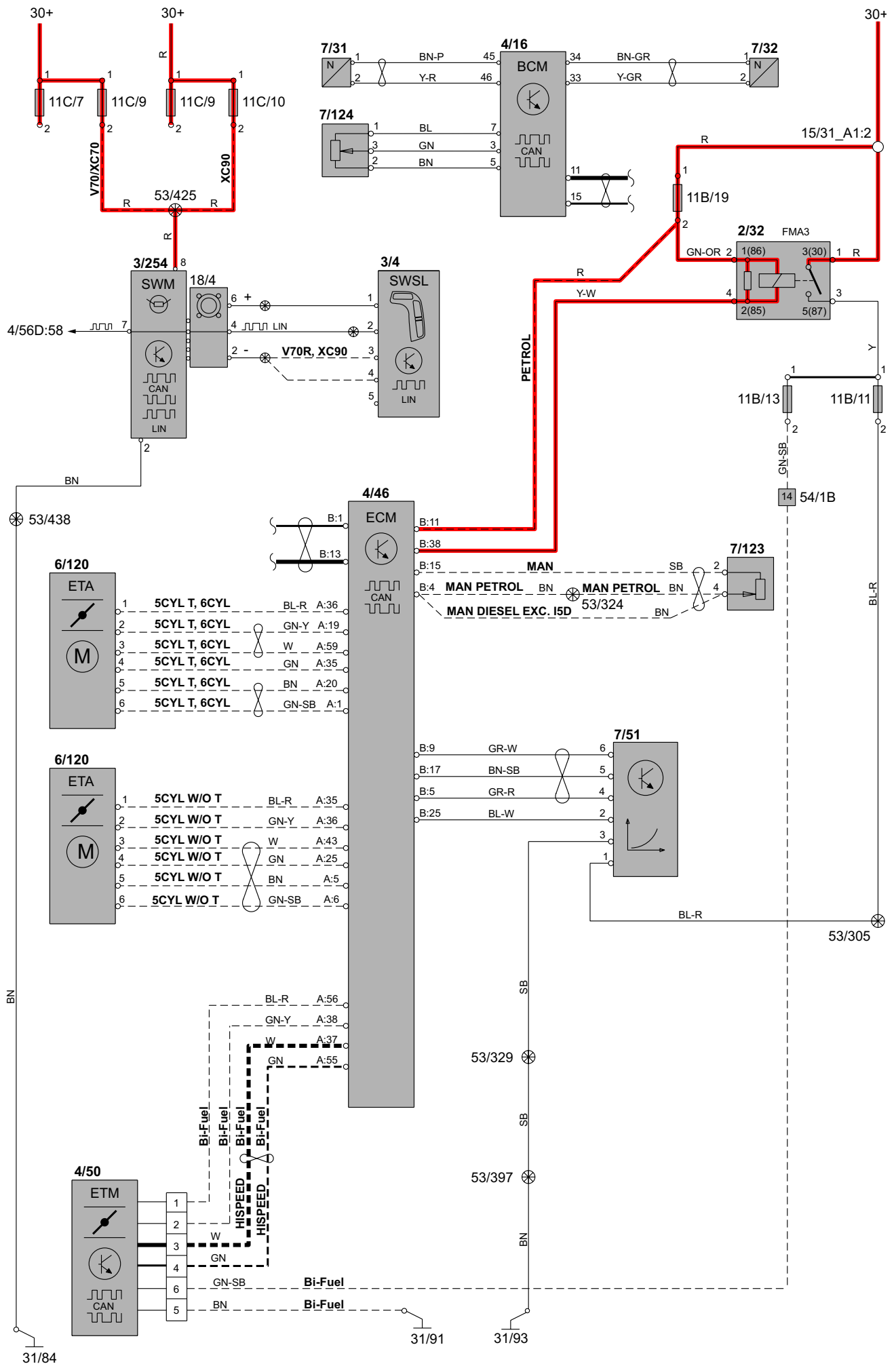
Cooling fan



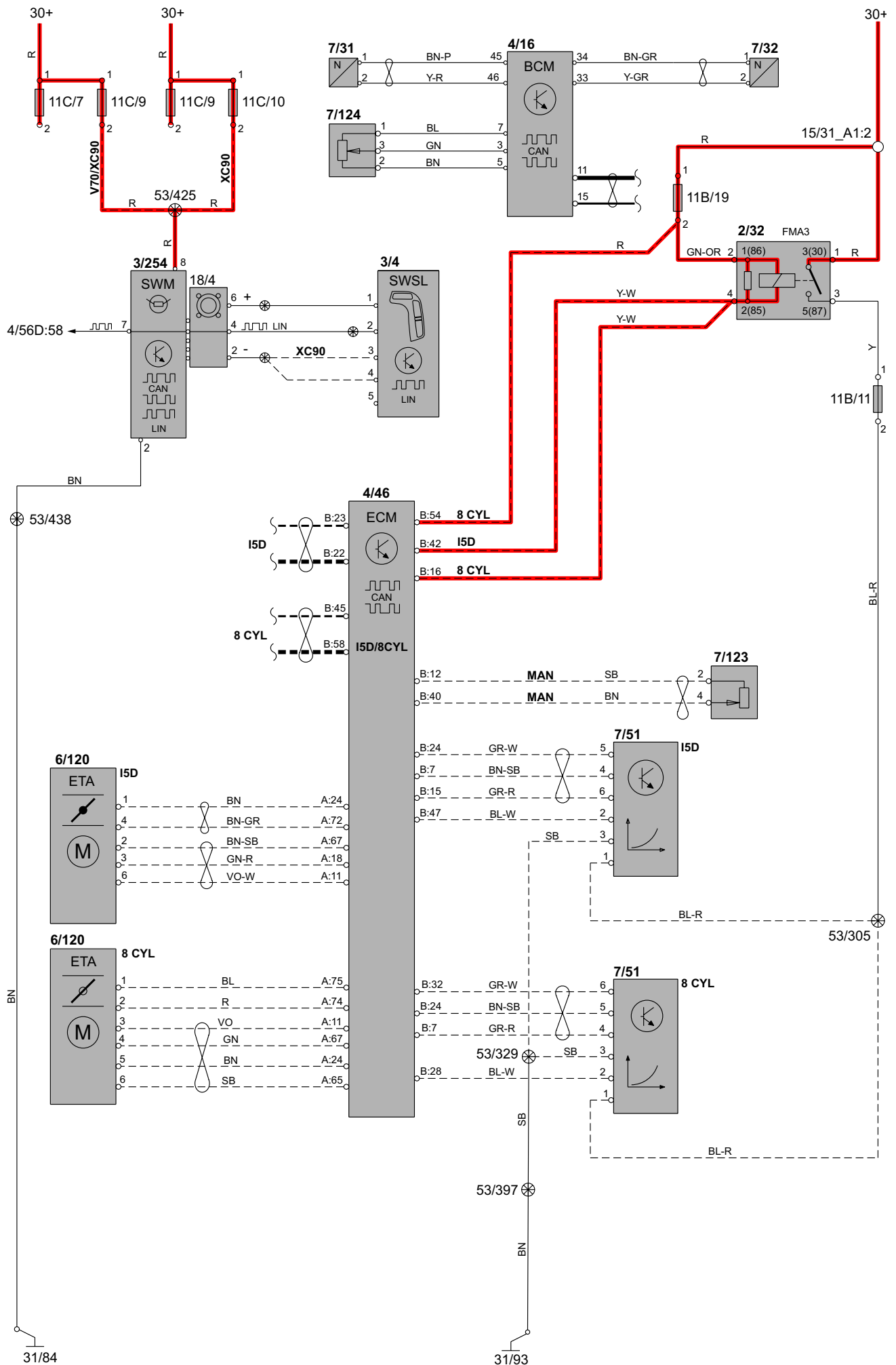
Group 26 Cooling system Cooling fan, I5D & 8-cyl.



Group 27 Engine control Cruise control

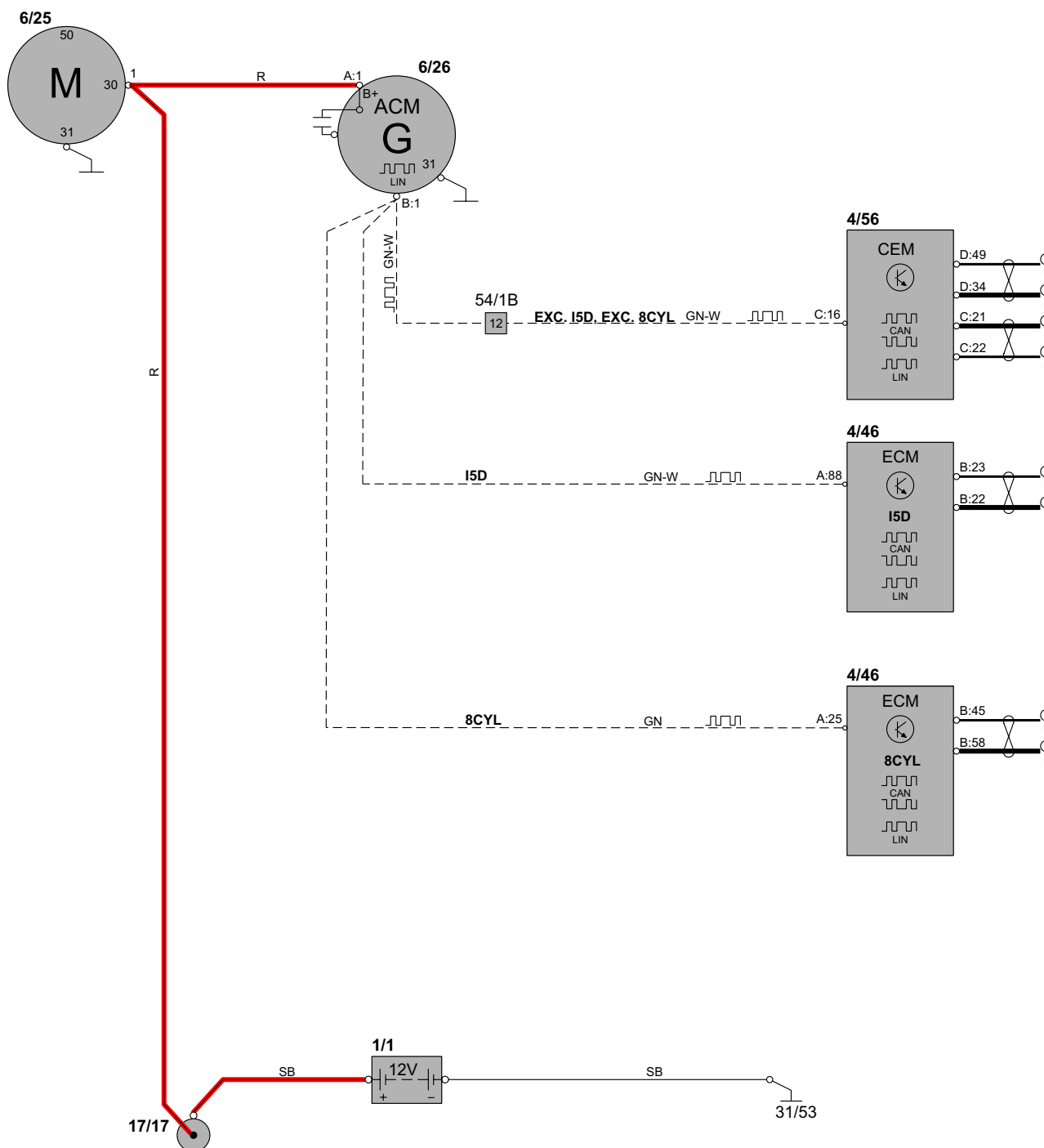


Group 27 Engine control Cruise control, I5D & 8-cyl.



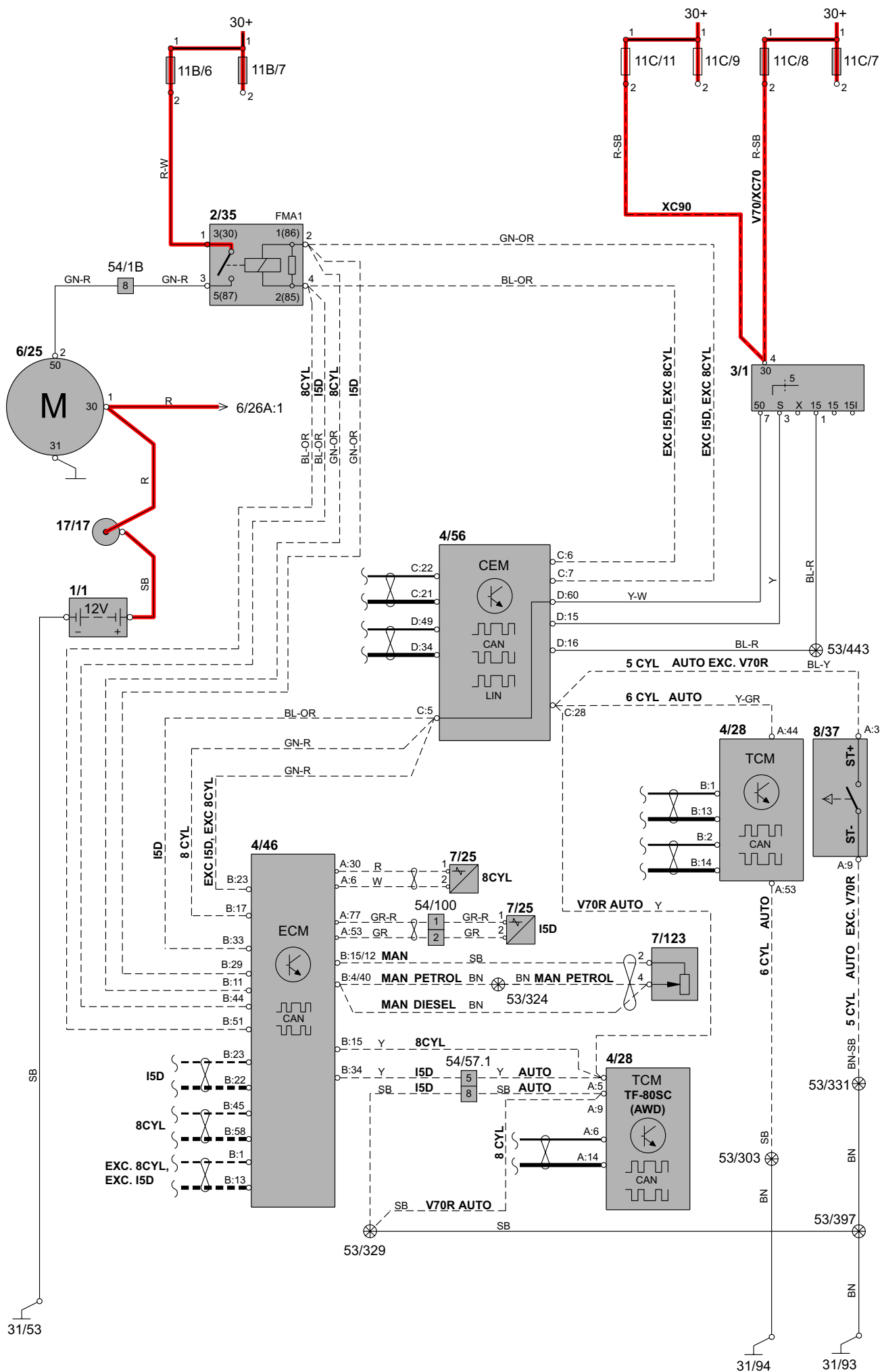
Group 32 Alternator and voltage regulator

Power supply



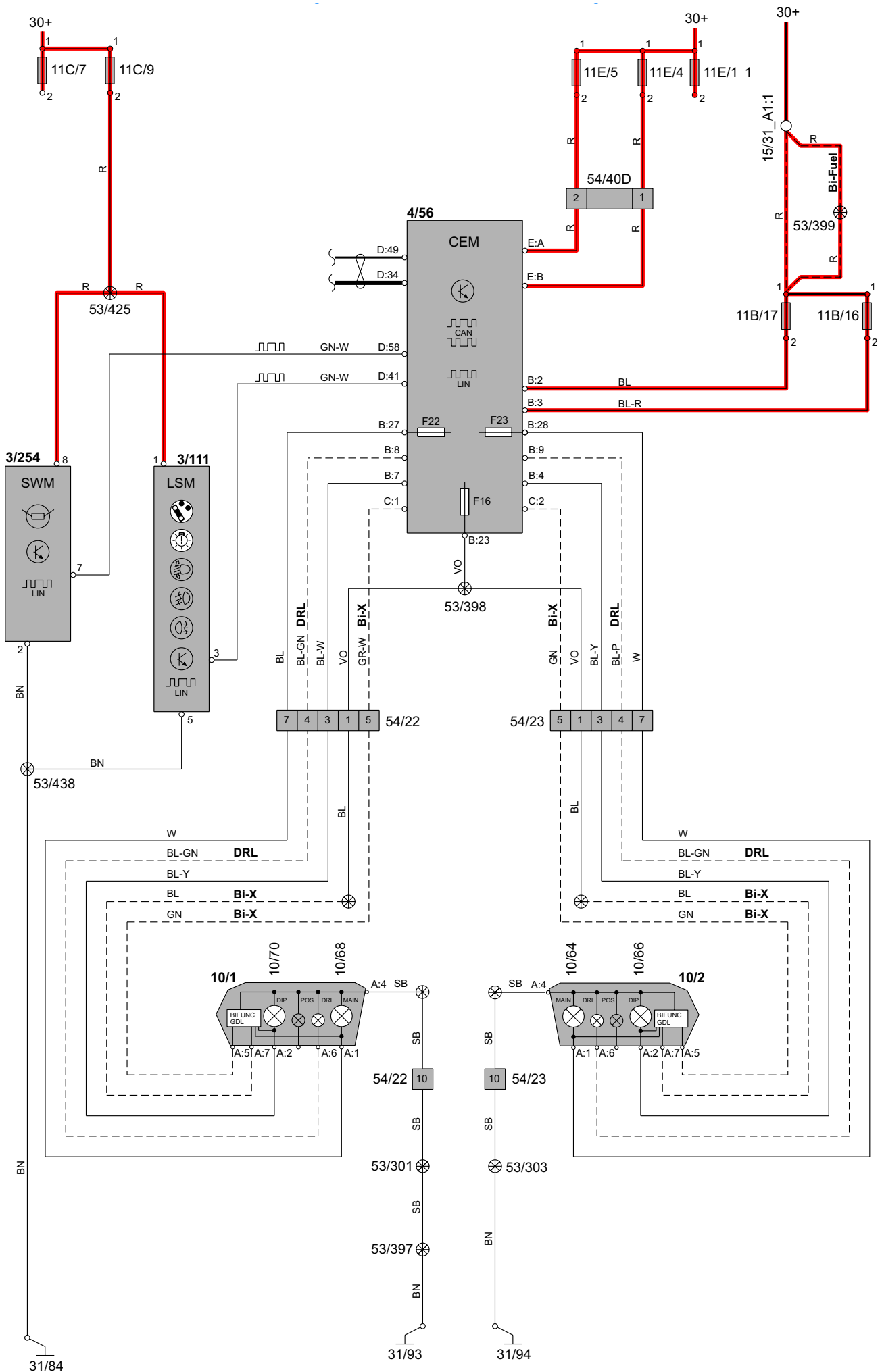
Group 33 Starting system

Starting system



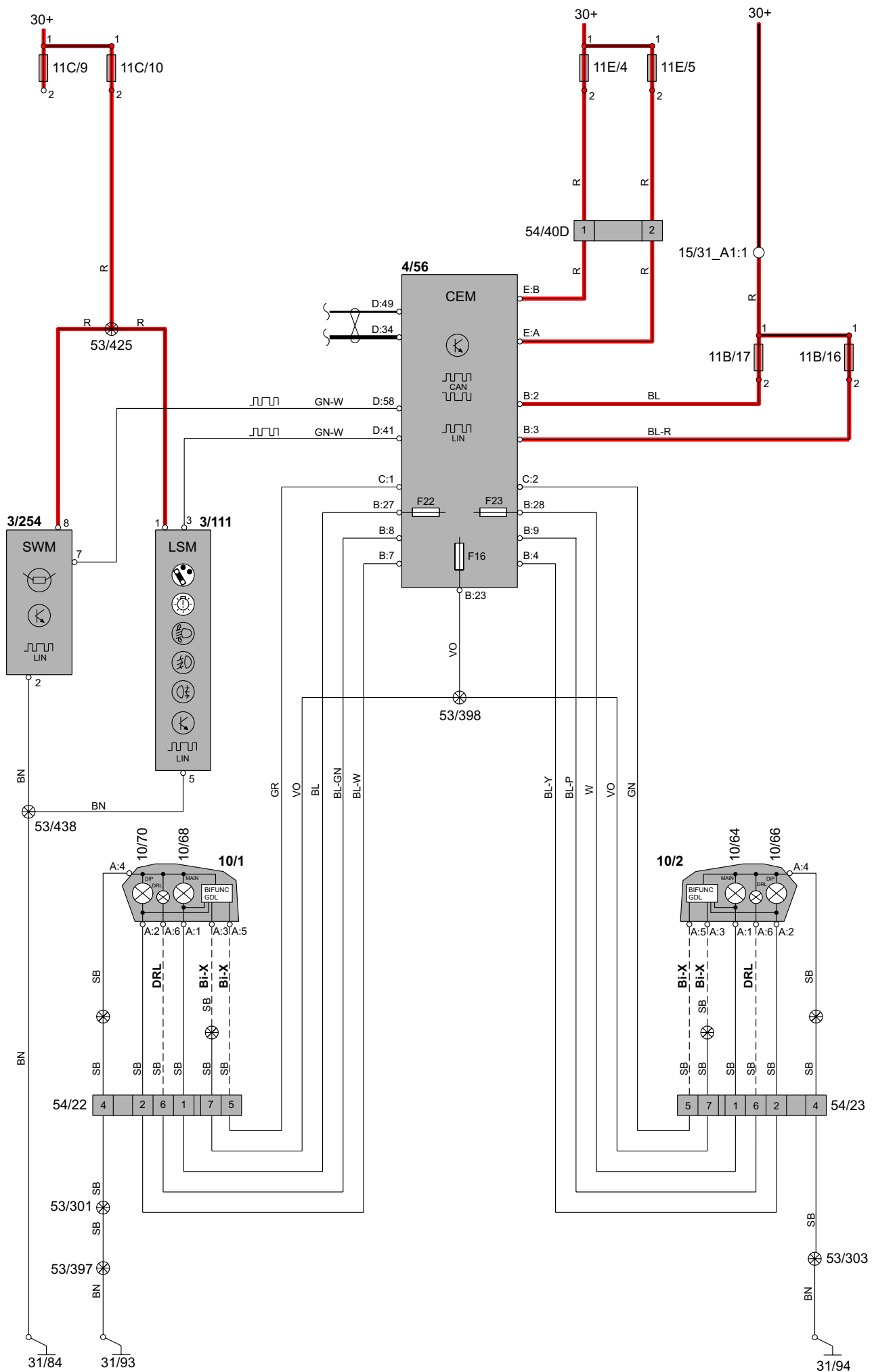
Group 35 Lighting

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

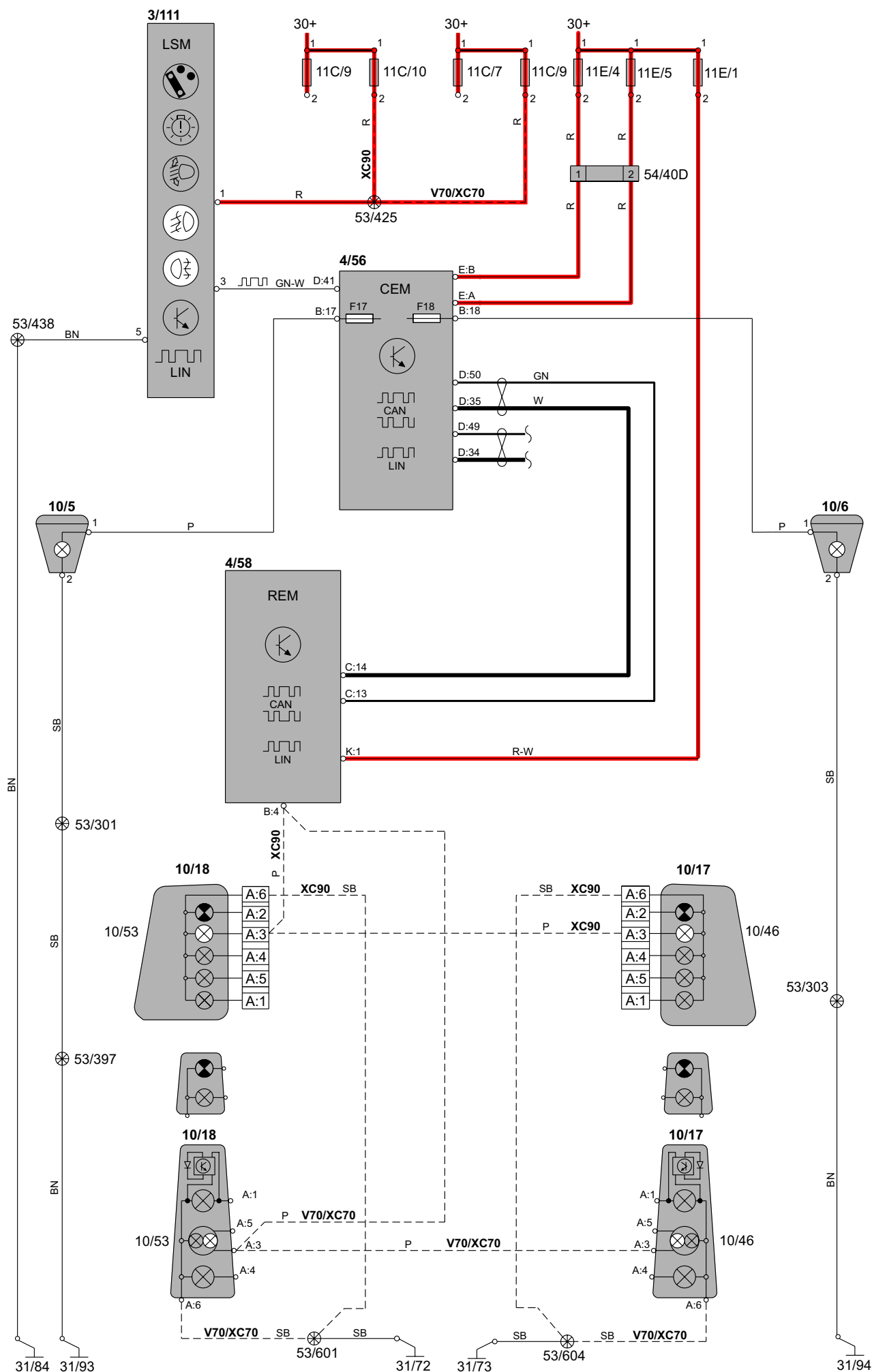


Group 35 Lighting

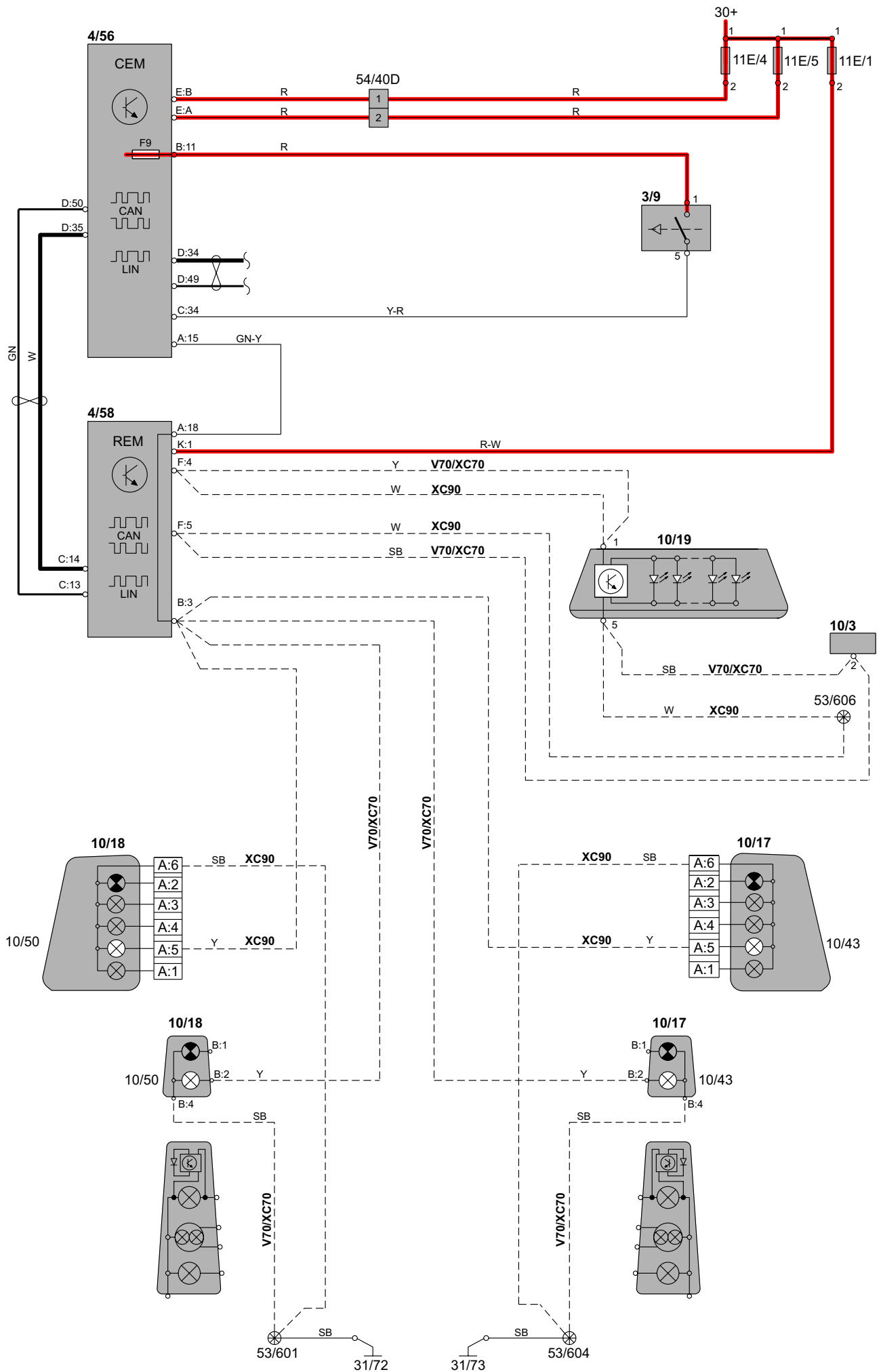
High and low beams/Bi-Xenon & Daytime running lights XC90



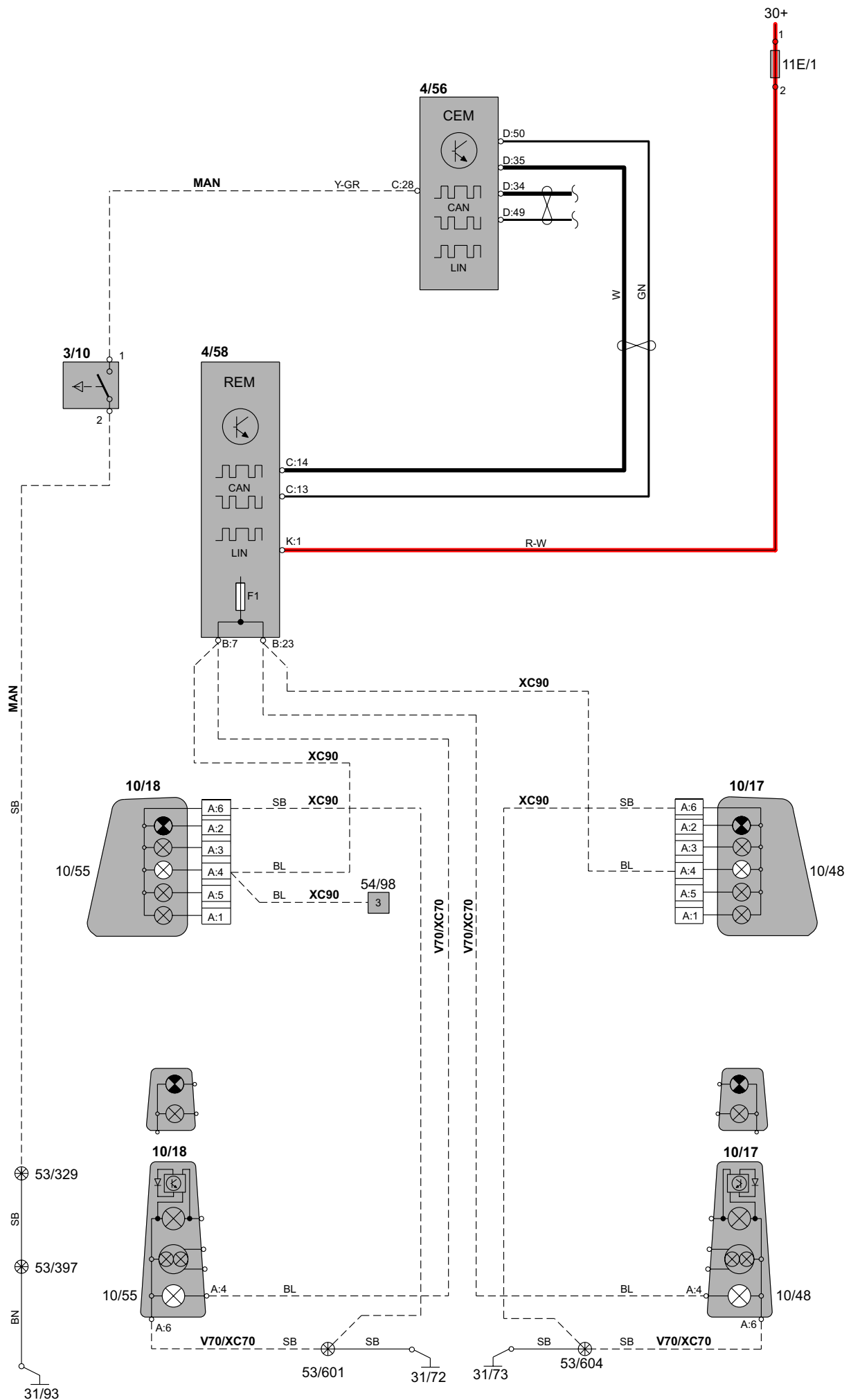
Group 35 Lighting Fog lights



Group 35 Lighting Brake lights

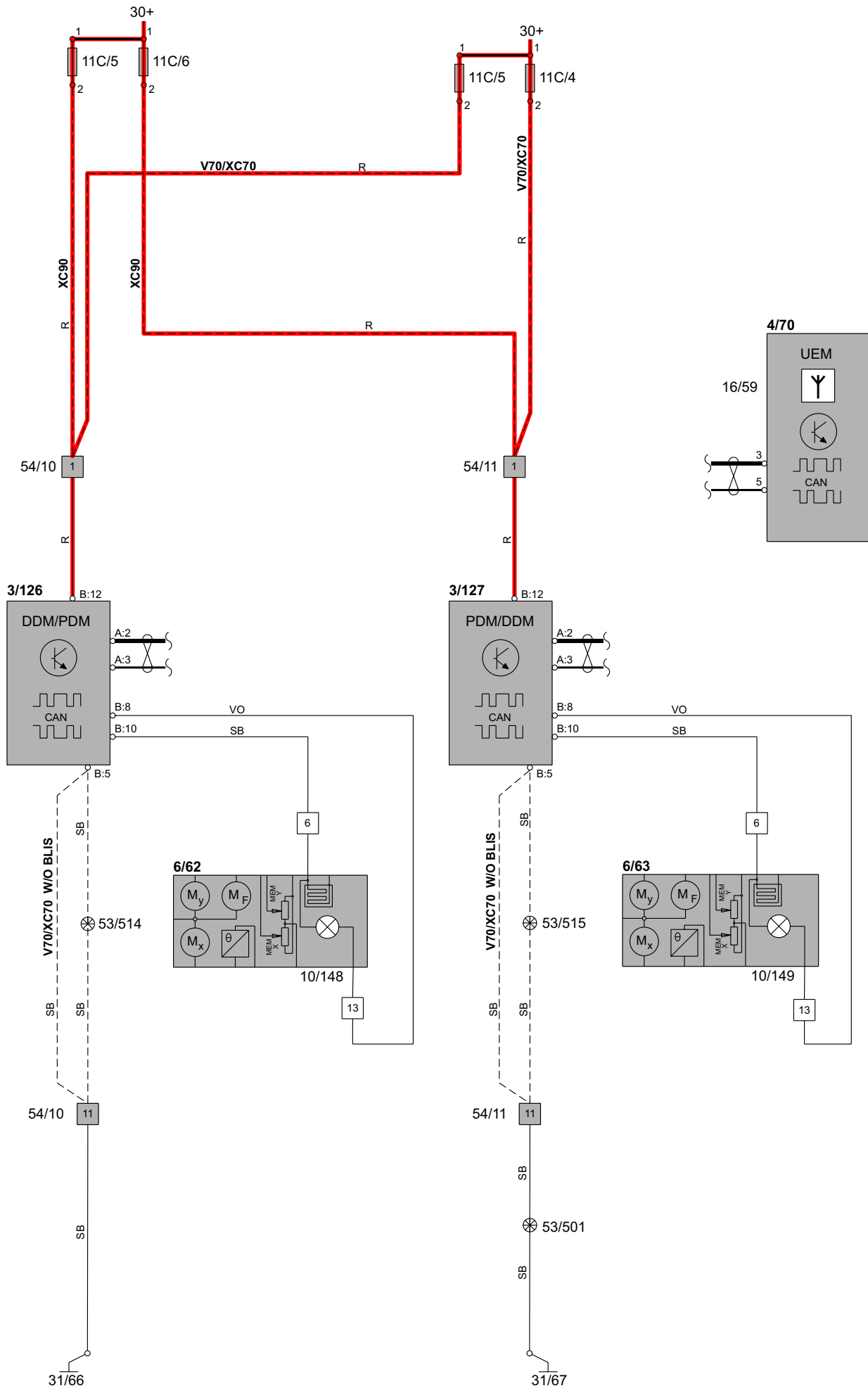


Group 35 Lighting Reversing lights



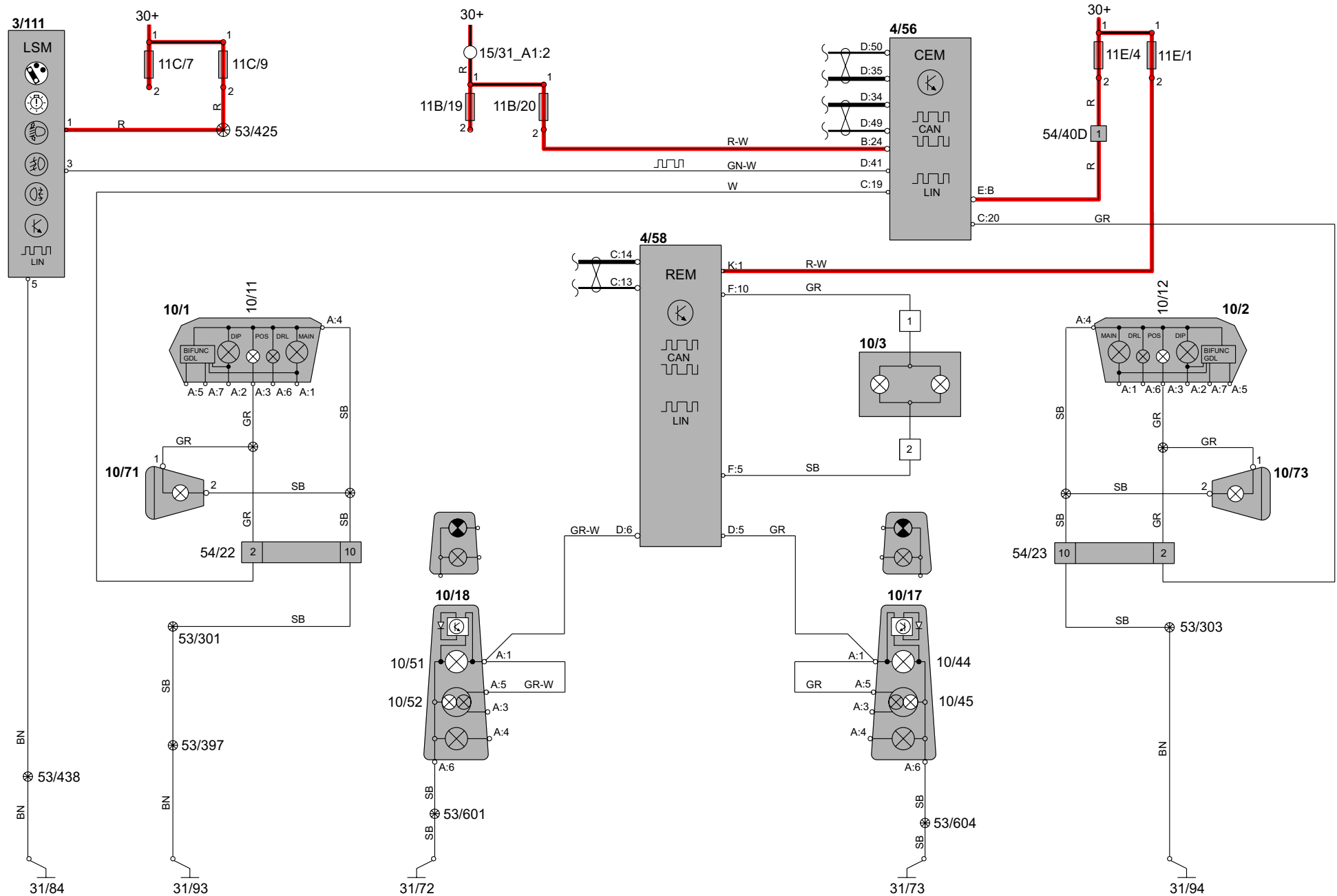
Group 35 Lighting

Follow-me-home lighting



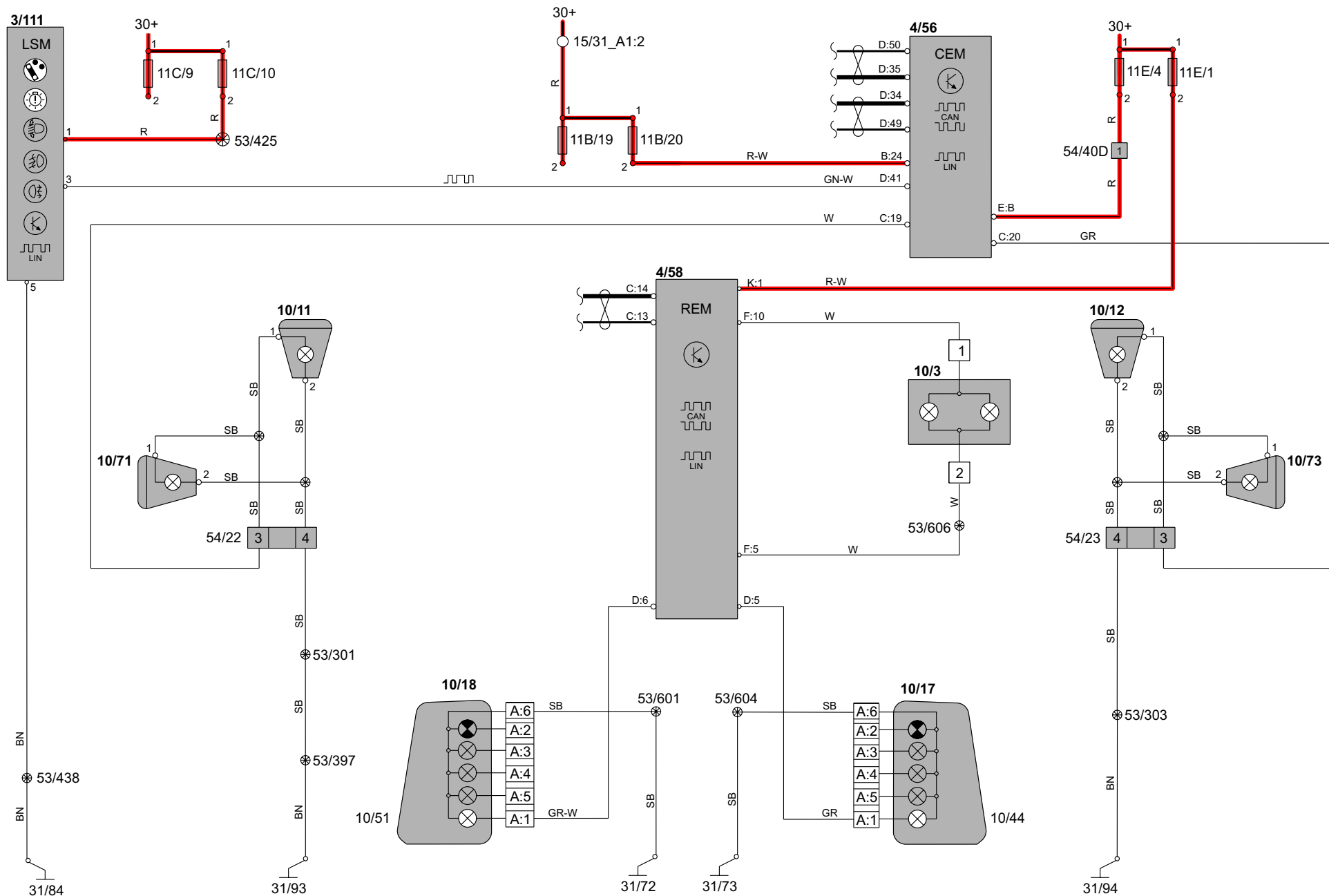
Group 35 Lighting

Running/parking lights, tail lights & license plate lighting V70



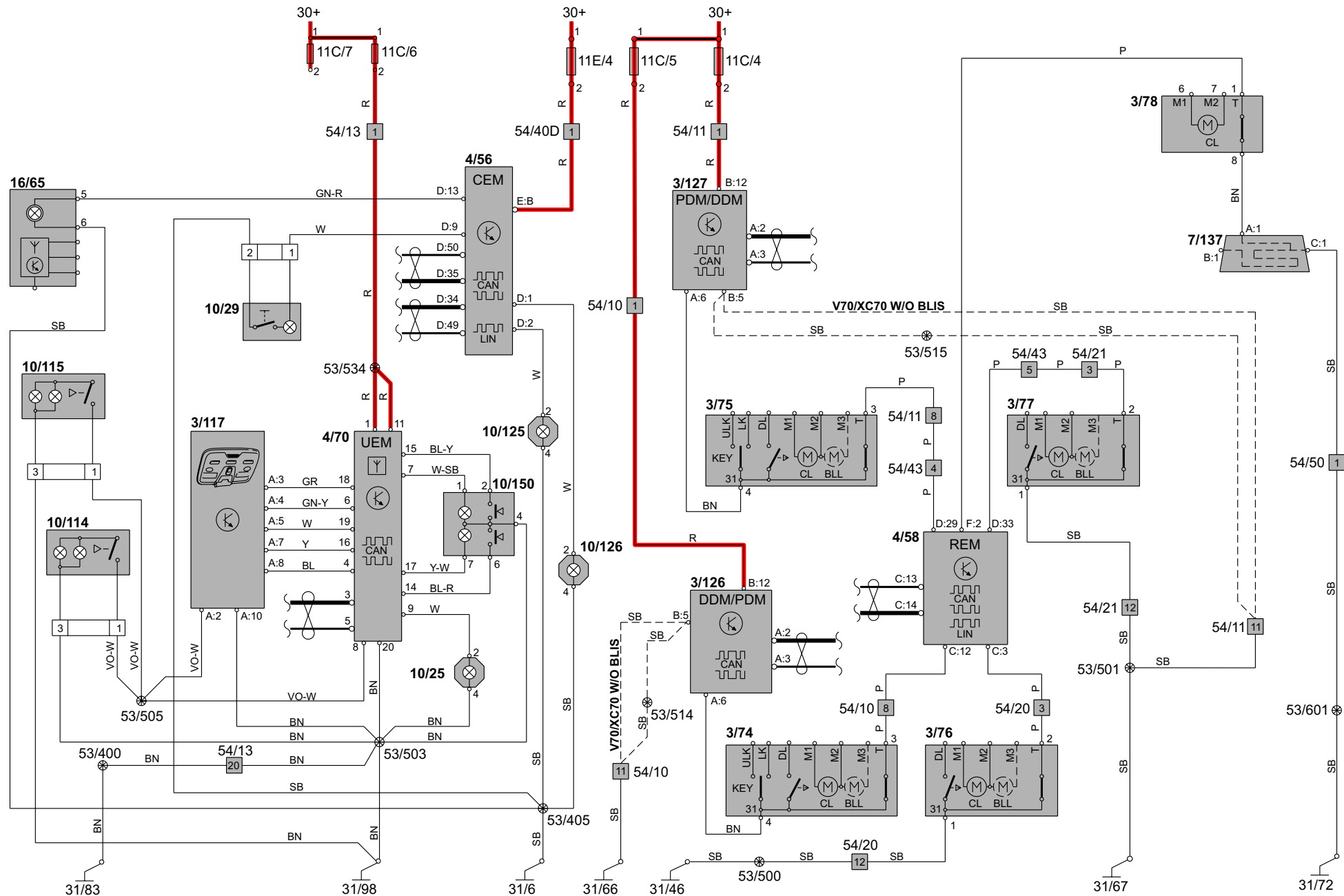
Group 35 Lighting

Running/parking lights, tail lights & license plate lighting XC90



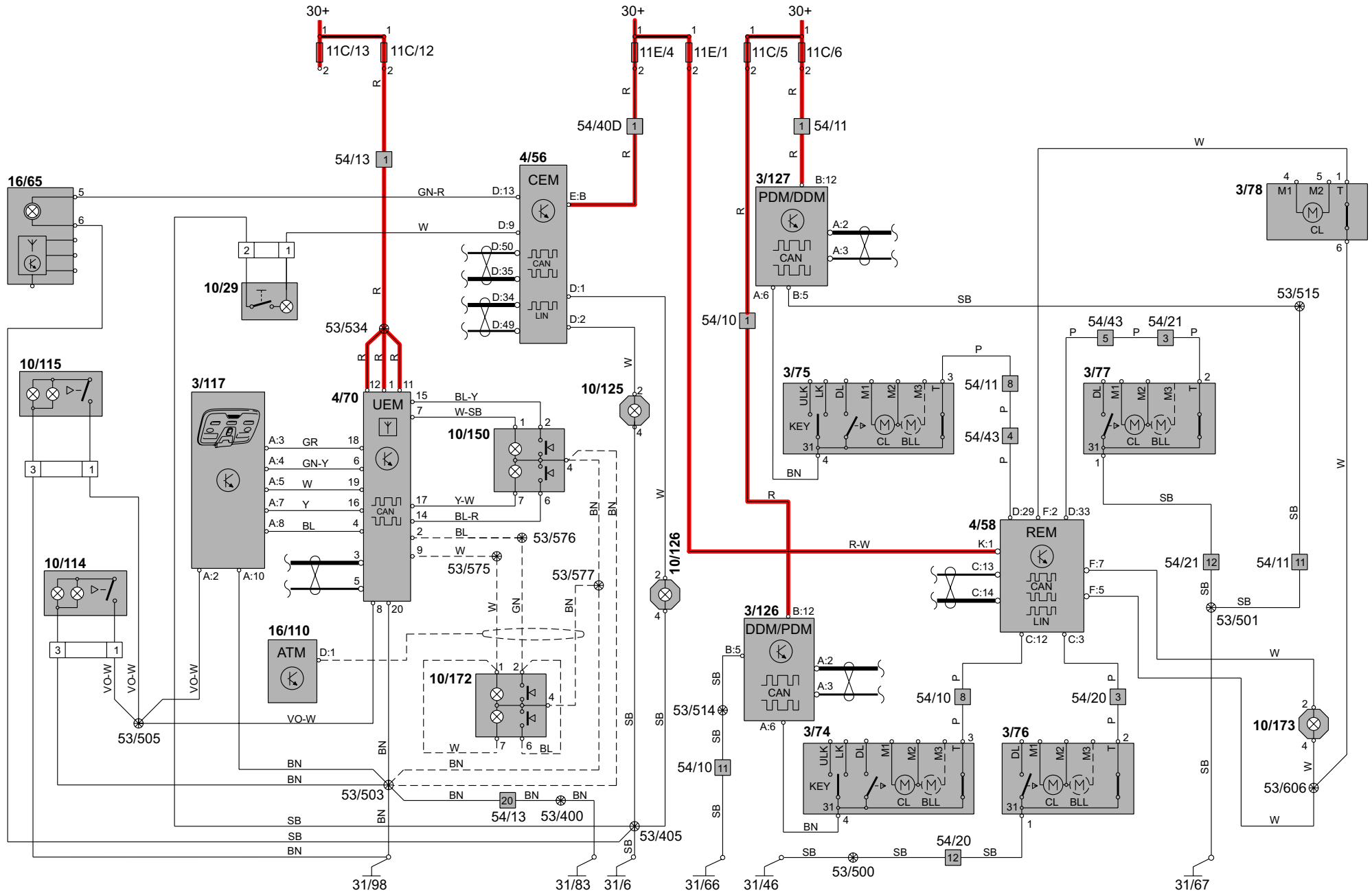
Group 35 Lighting

Interior lighting V70



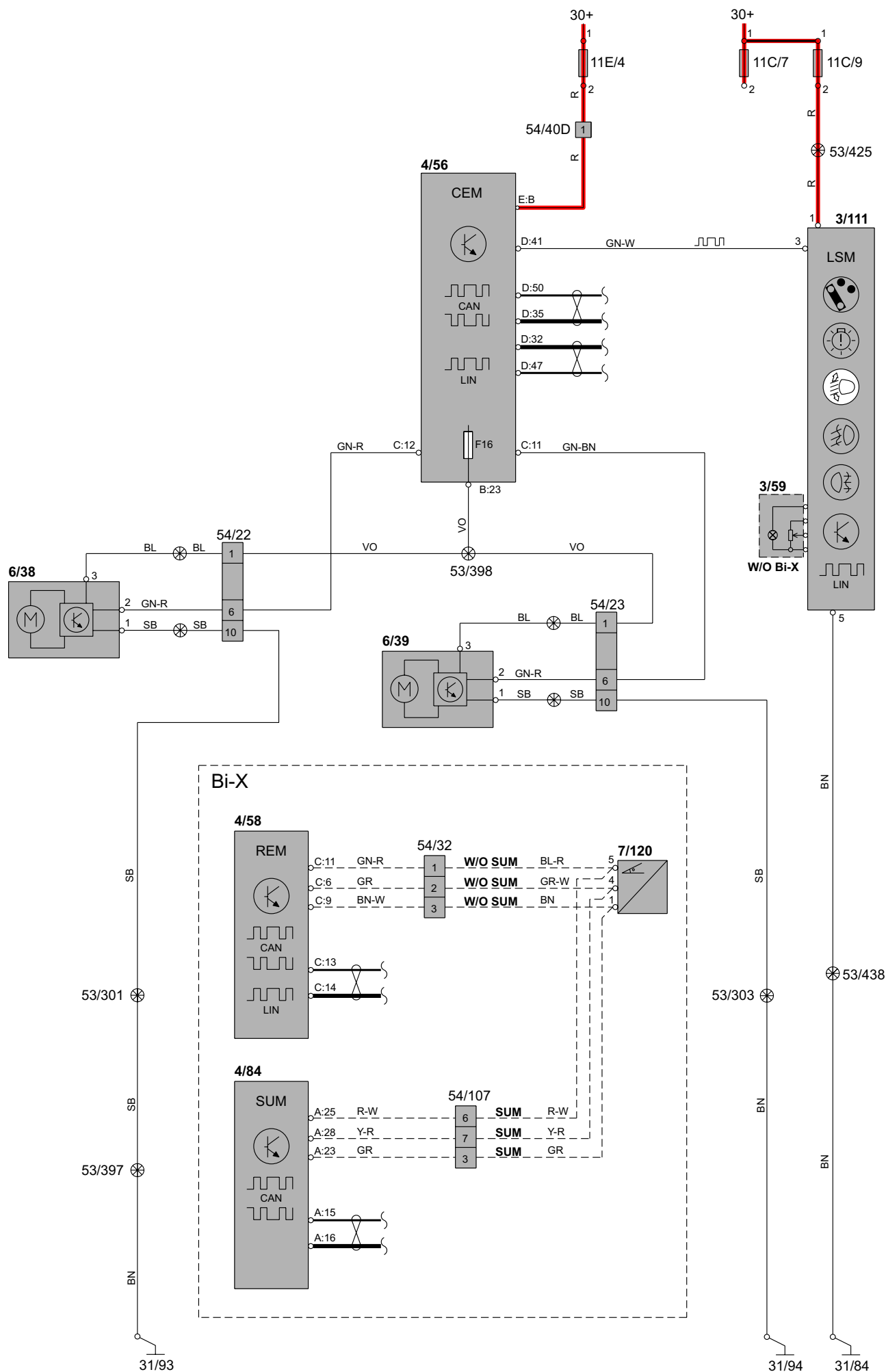
Group 35 Lighting

Interior lighting XC90



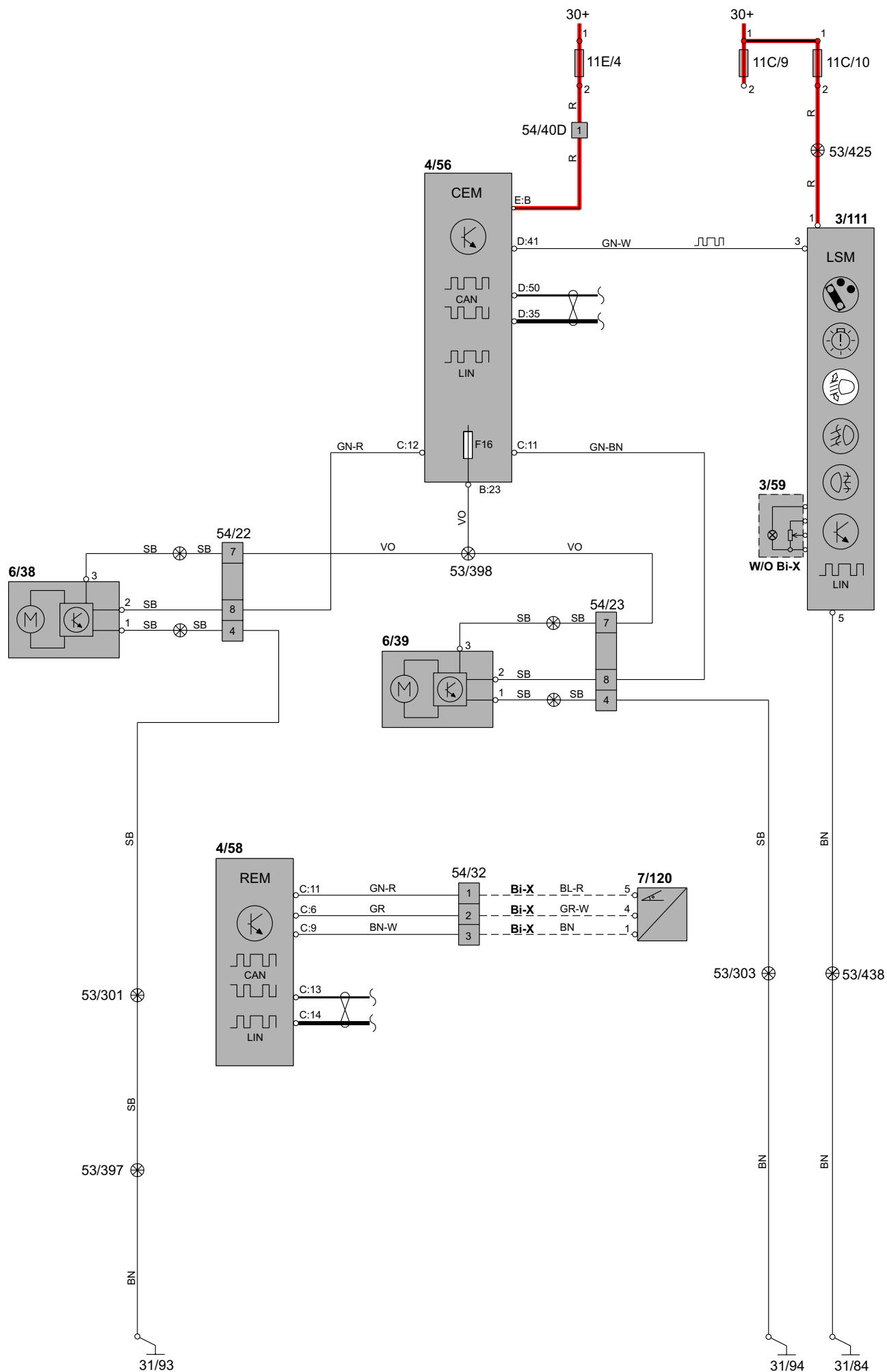
Group 35 Lighting

Beam length adjustment V70



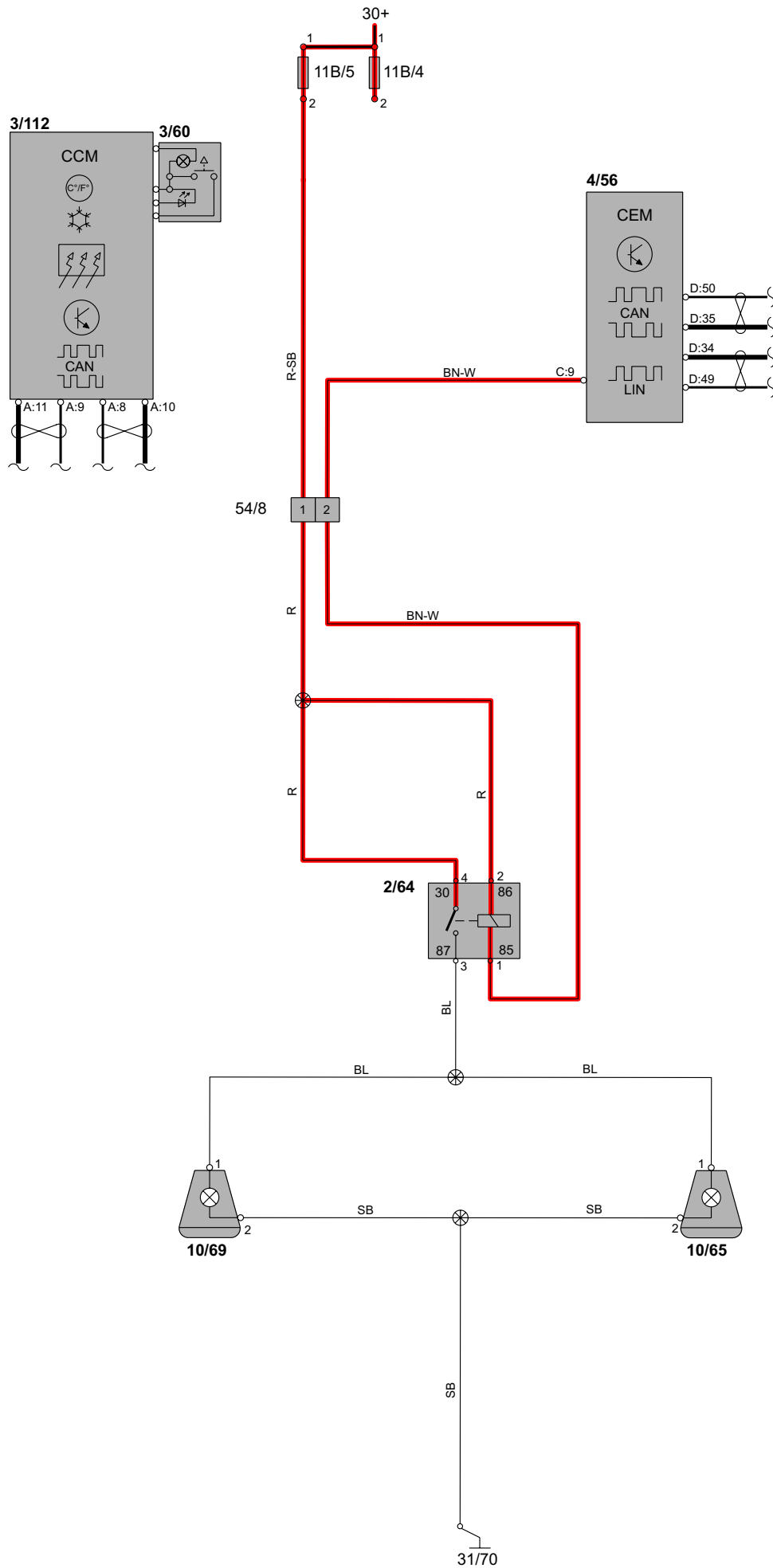
Group 35 Lighting

Beam length adjustment XC90



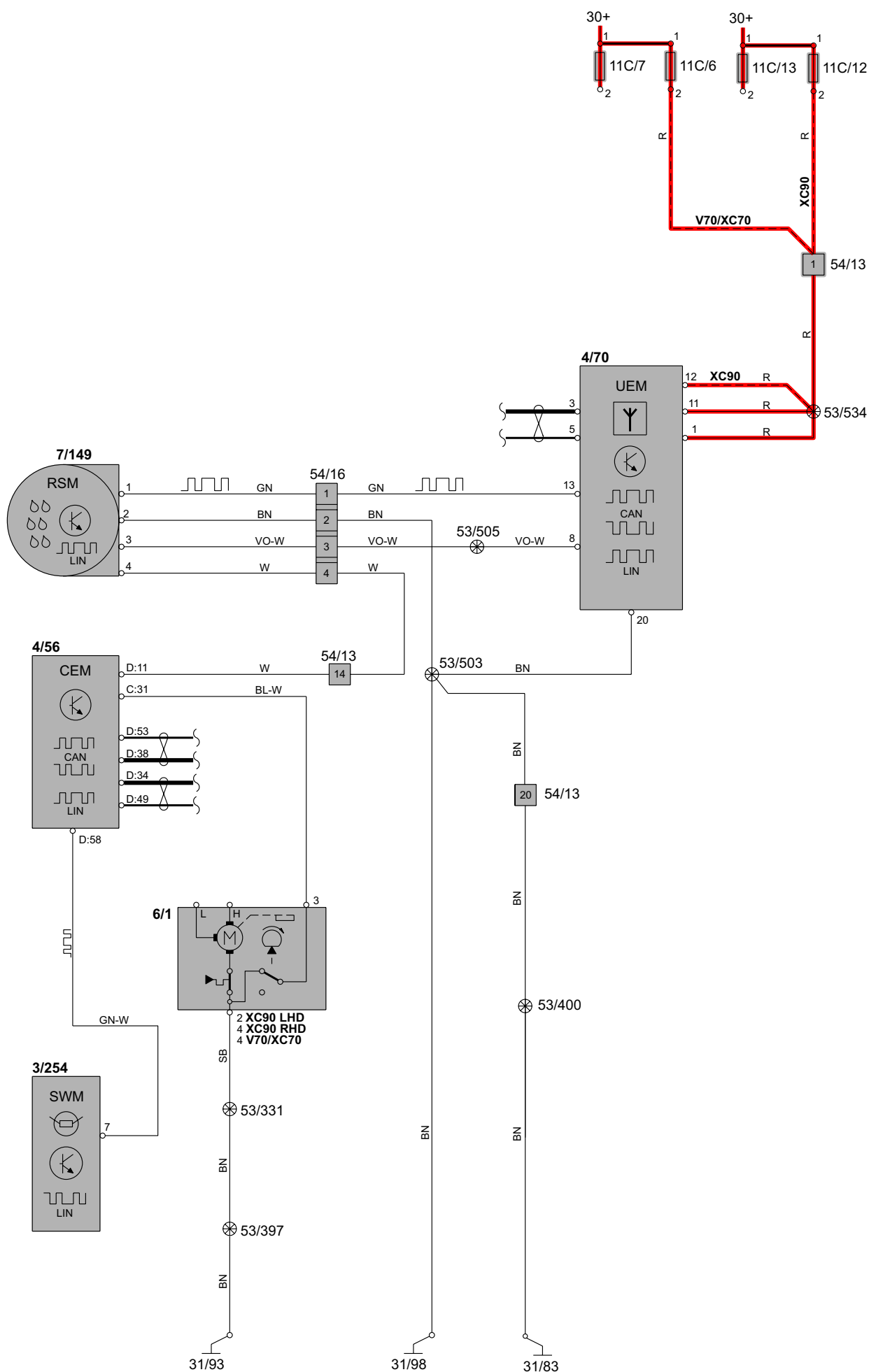
Group 35 Lighting, Accessories

Auxiliary lights



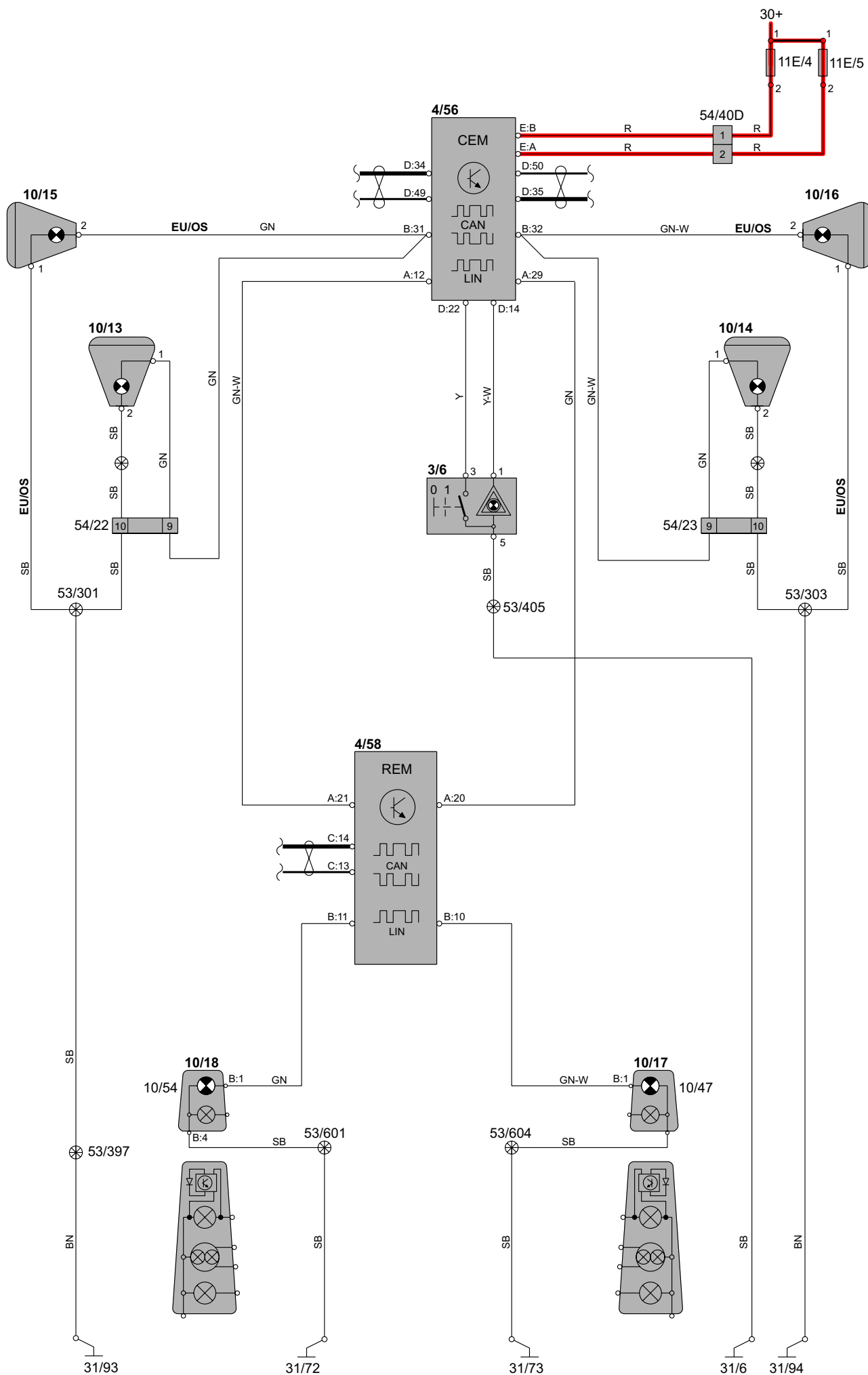
Group 36 Additional electrical equipment

Rain sensor



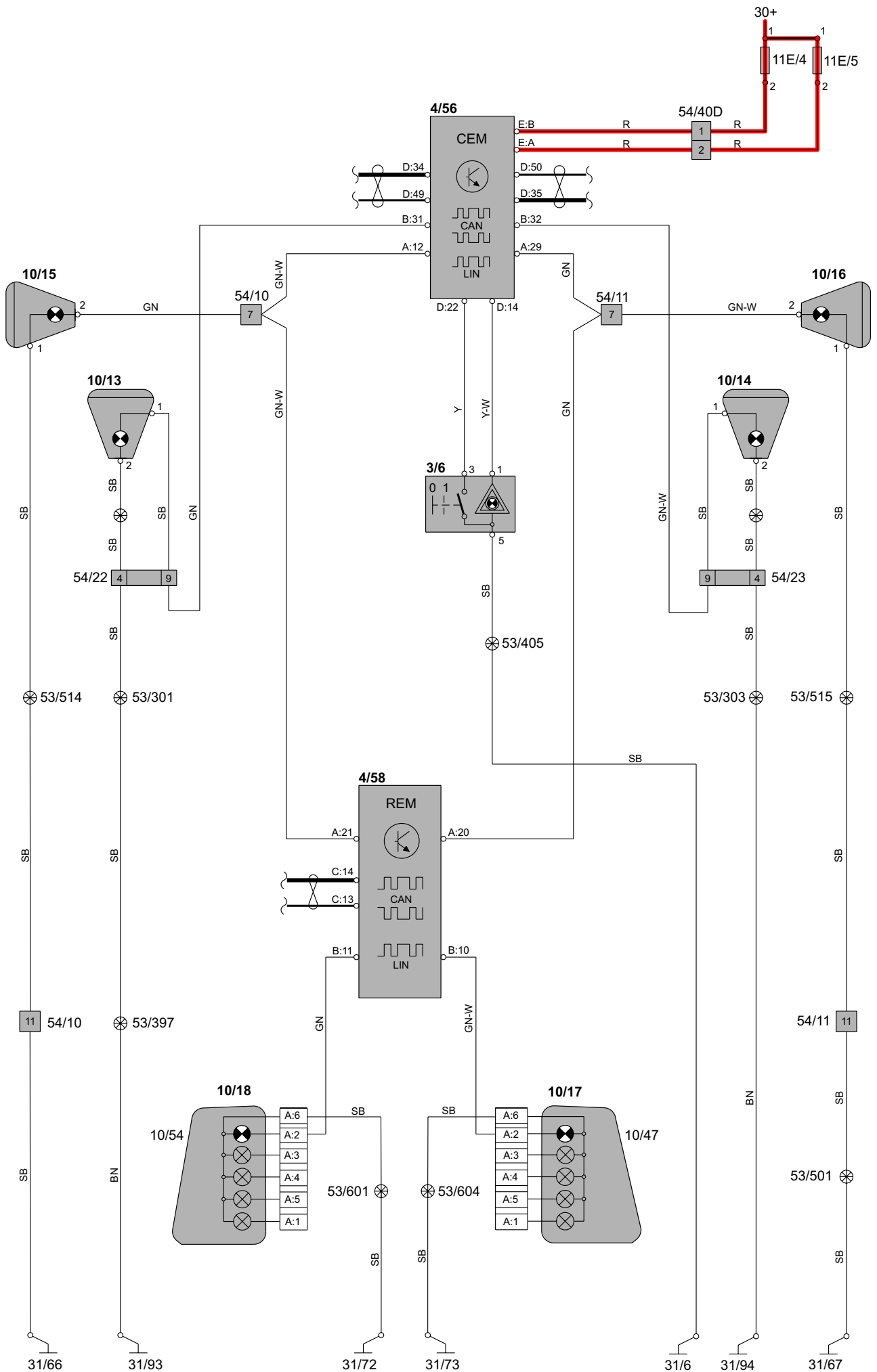
Group 36 Additional electrical equipment

Direction indicators and flashing hazard lights V70



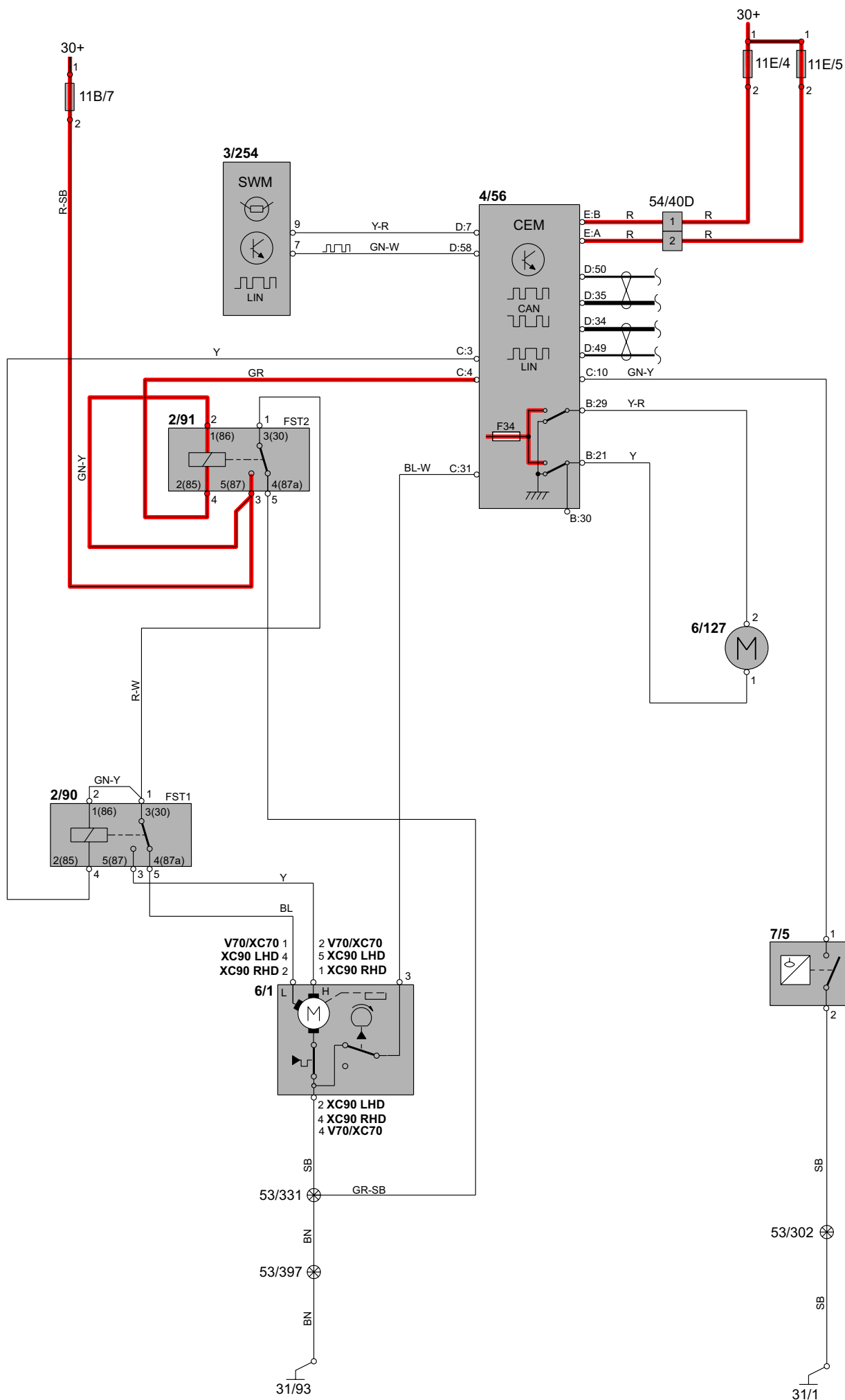
Group 36 Additional electrical equipment

Direction indicators and hazard warning flashers XC90



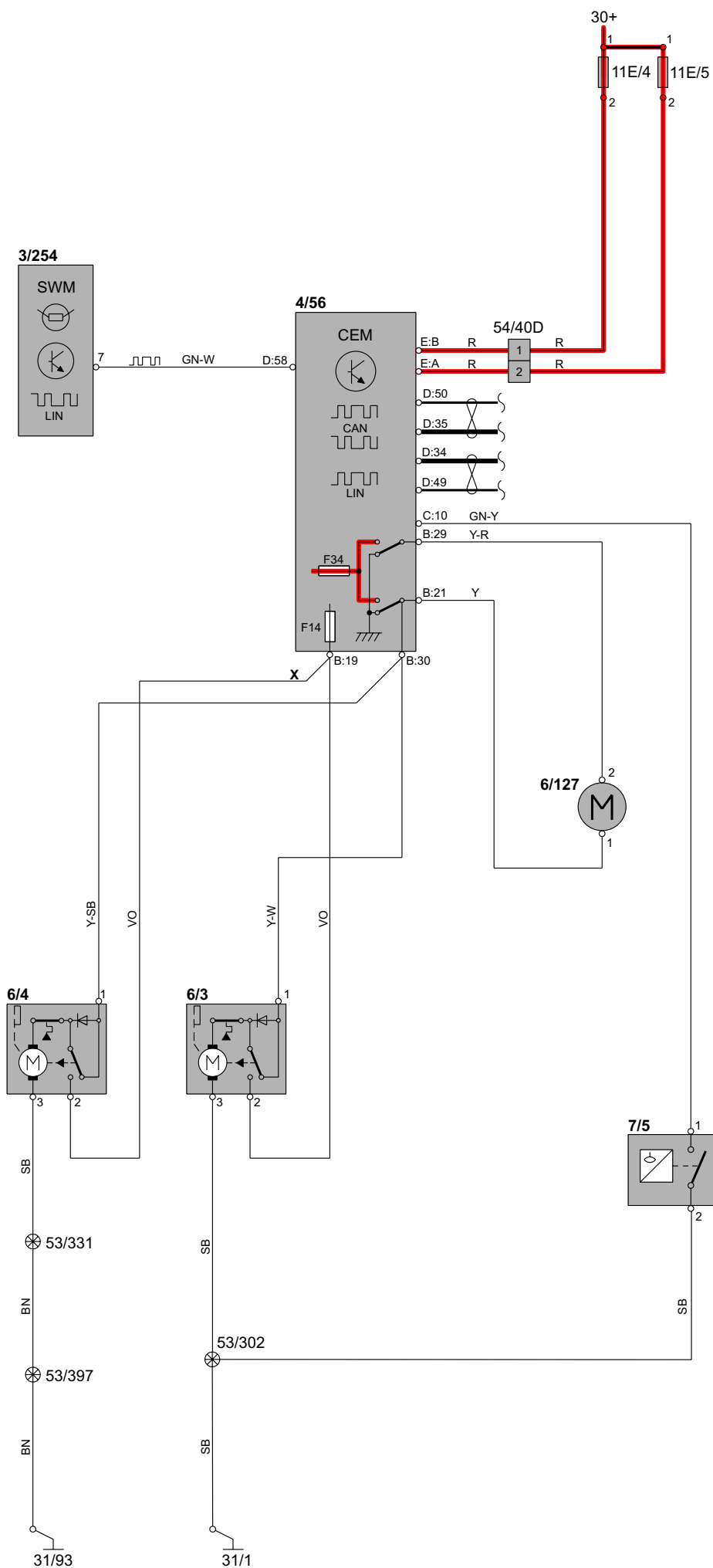
Group 36 Additional electrical equipment

Wiper/washer, windshield



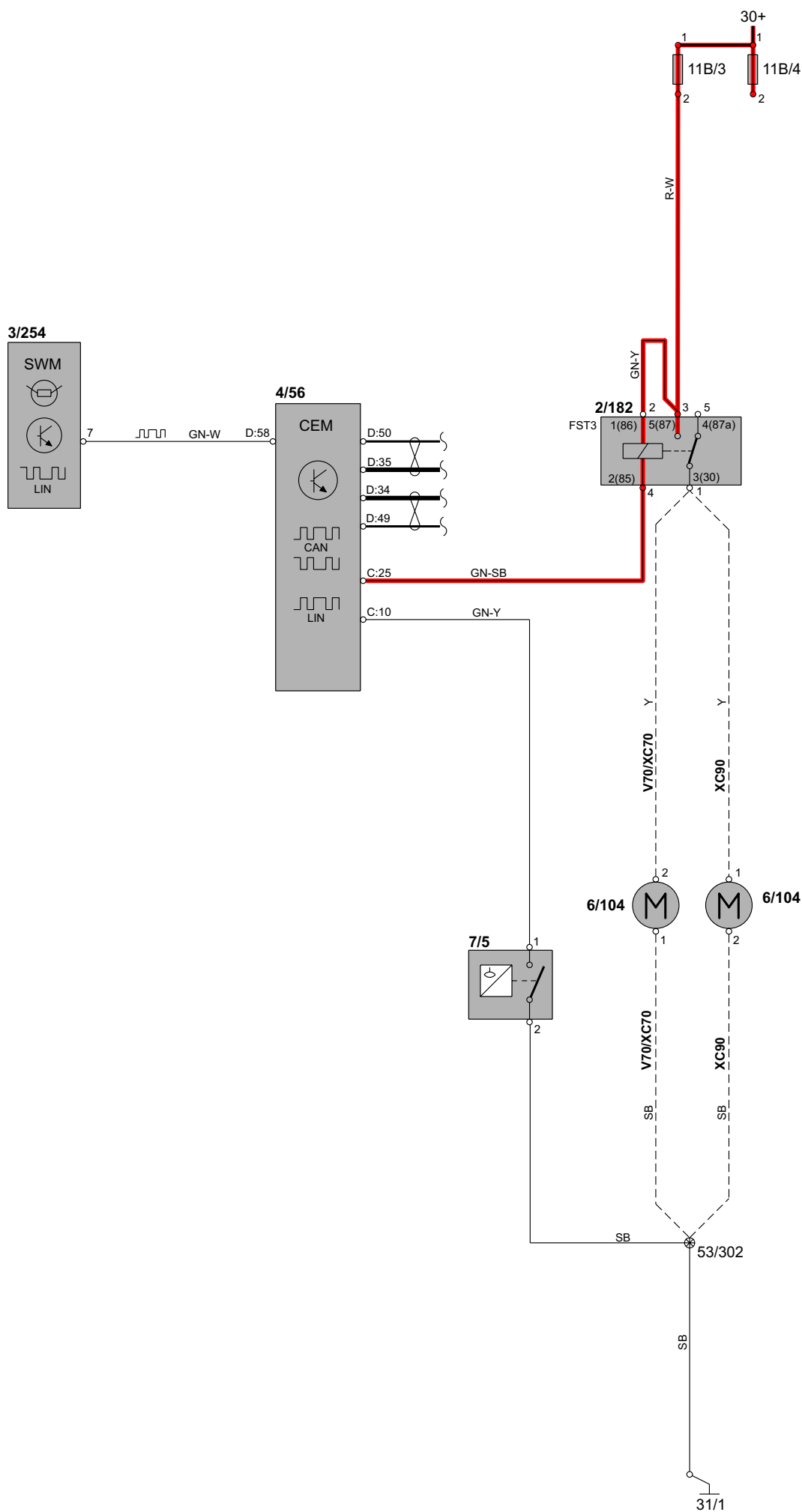
Group 36 Additional electrical equipment

Wiper/Washer Headlights V70

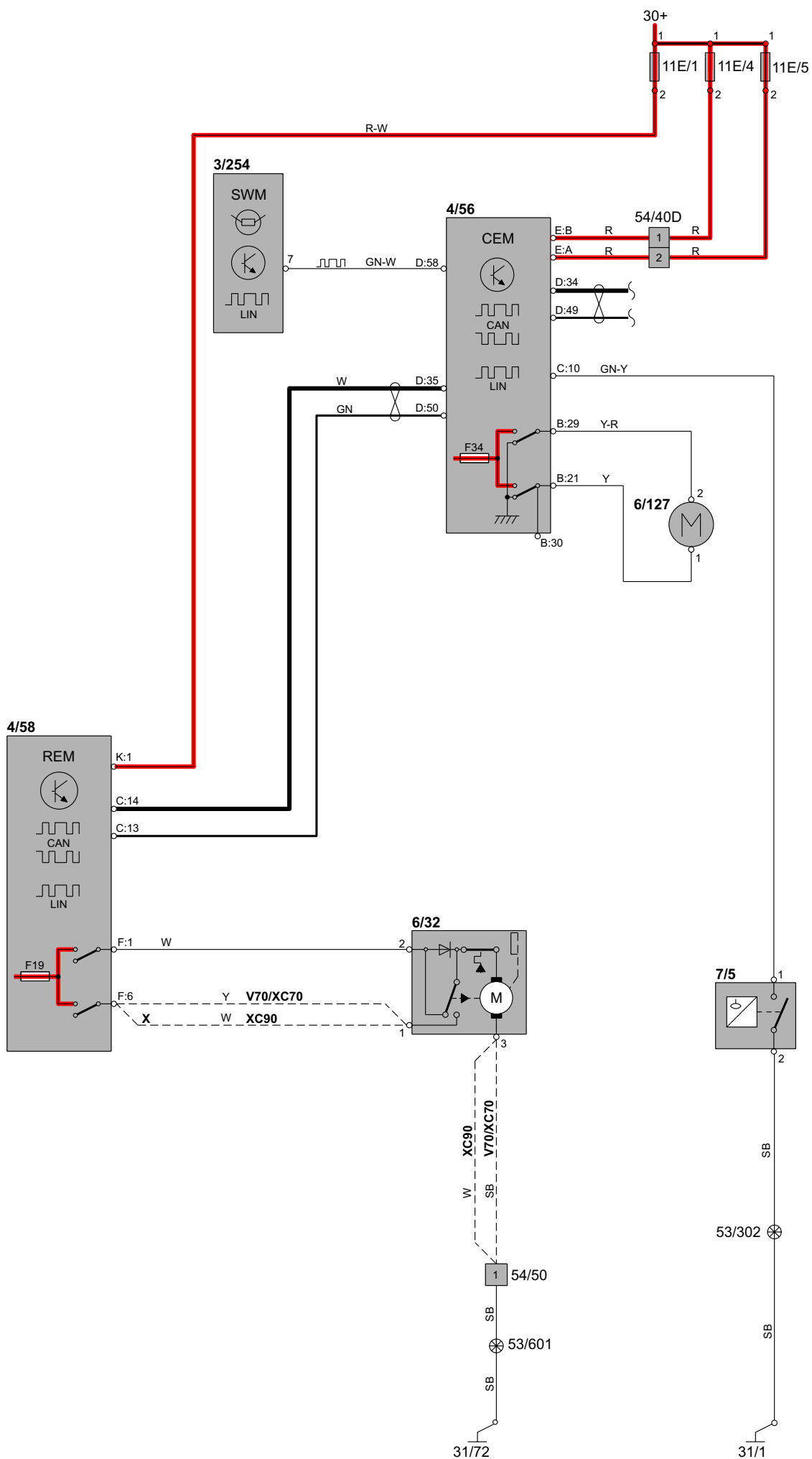


Group 36 Additional electrical equipment

High pressure headlight washer

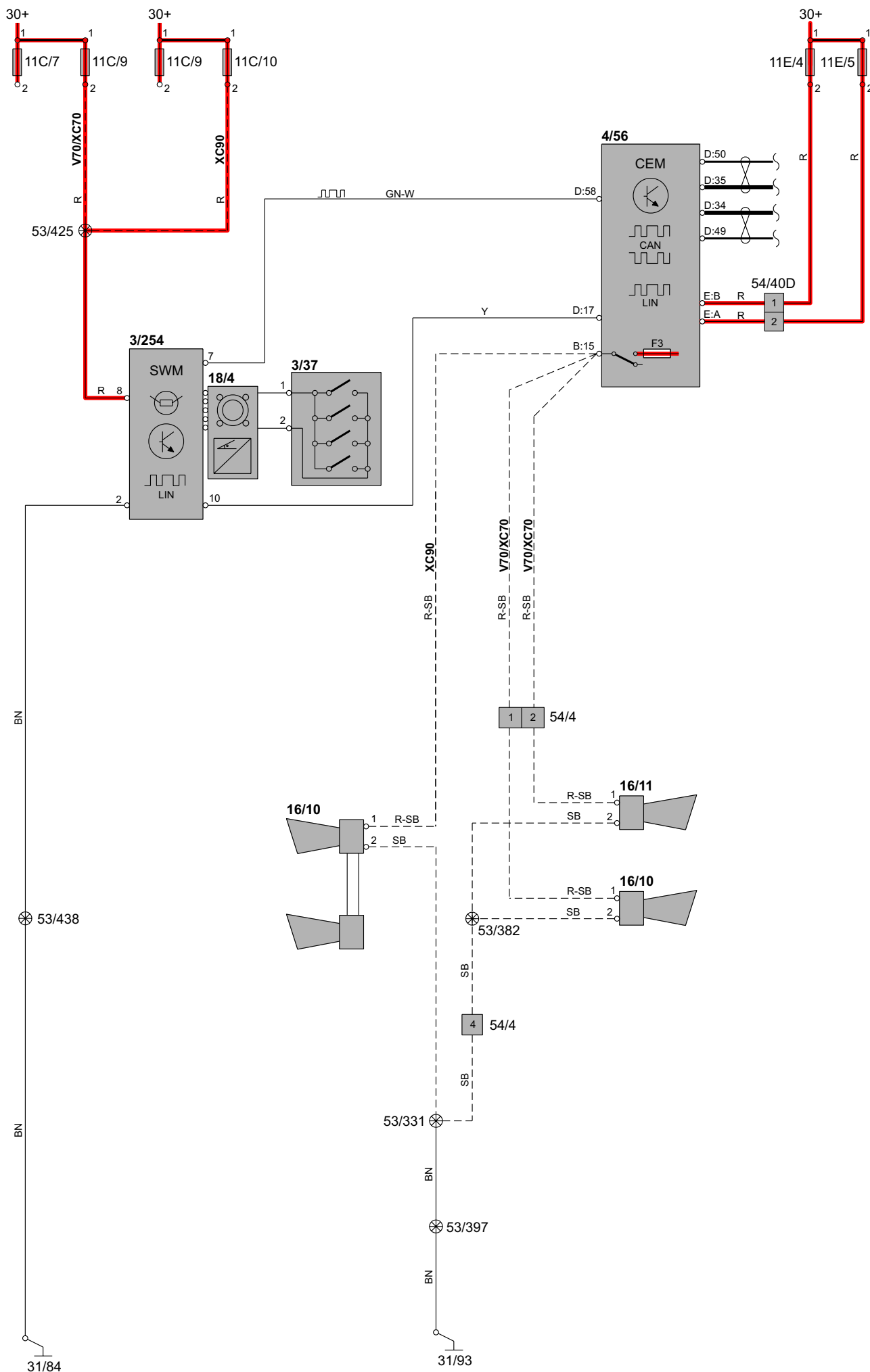


Group 36 Additional electrical equipment Wiper/washer, rear window



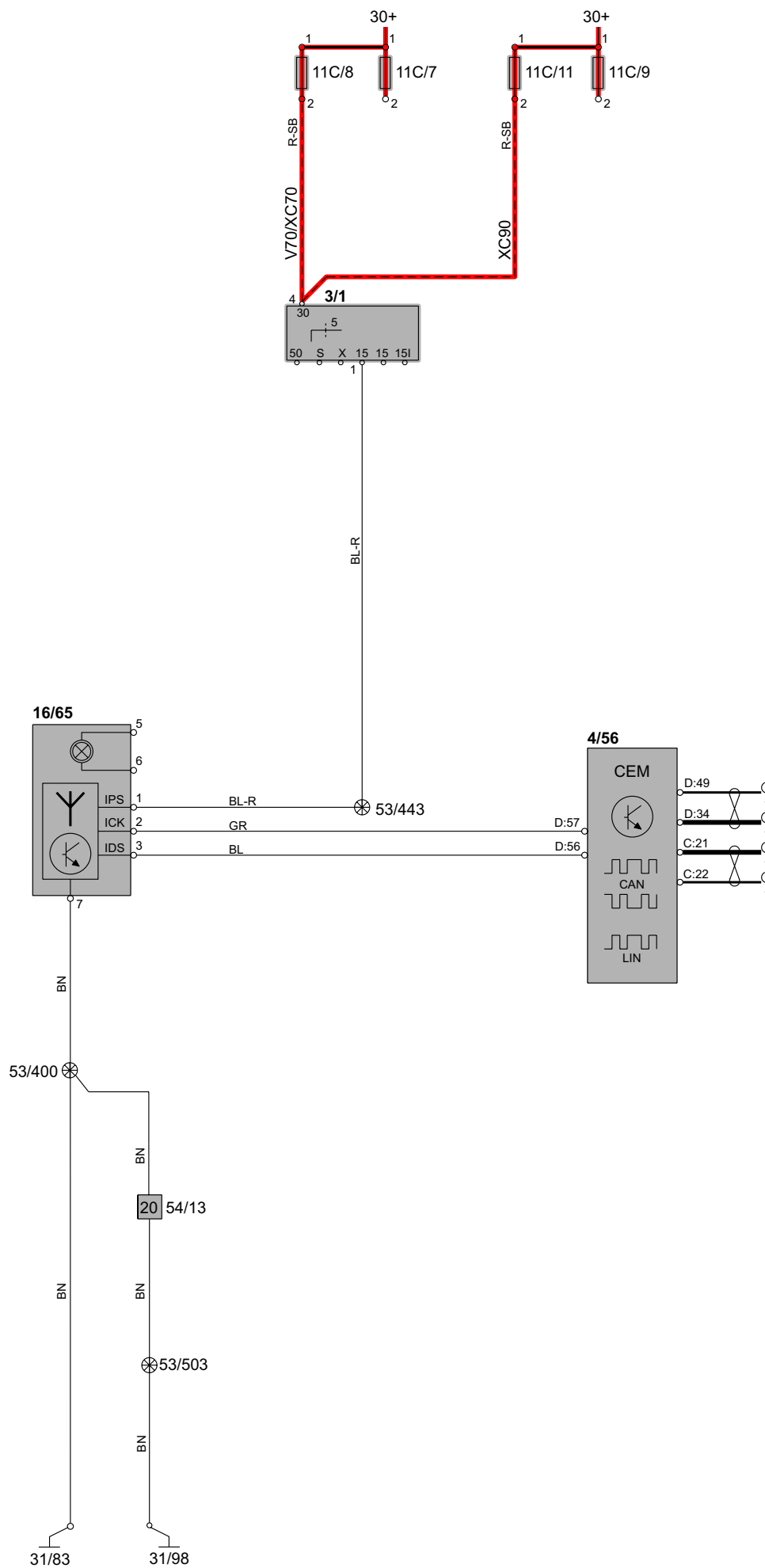
Group 36 Additional electrical equipment

Horn



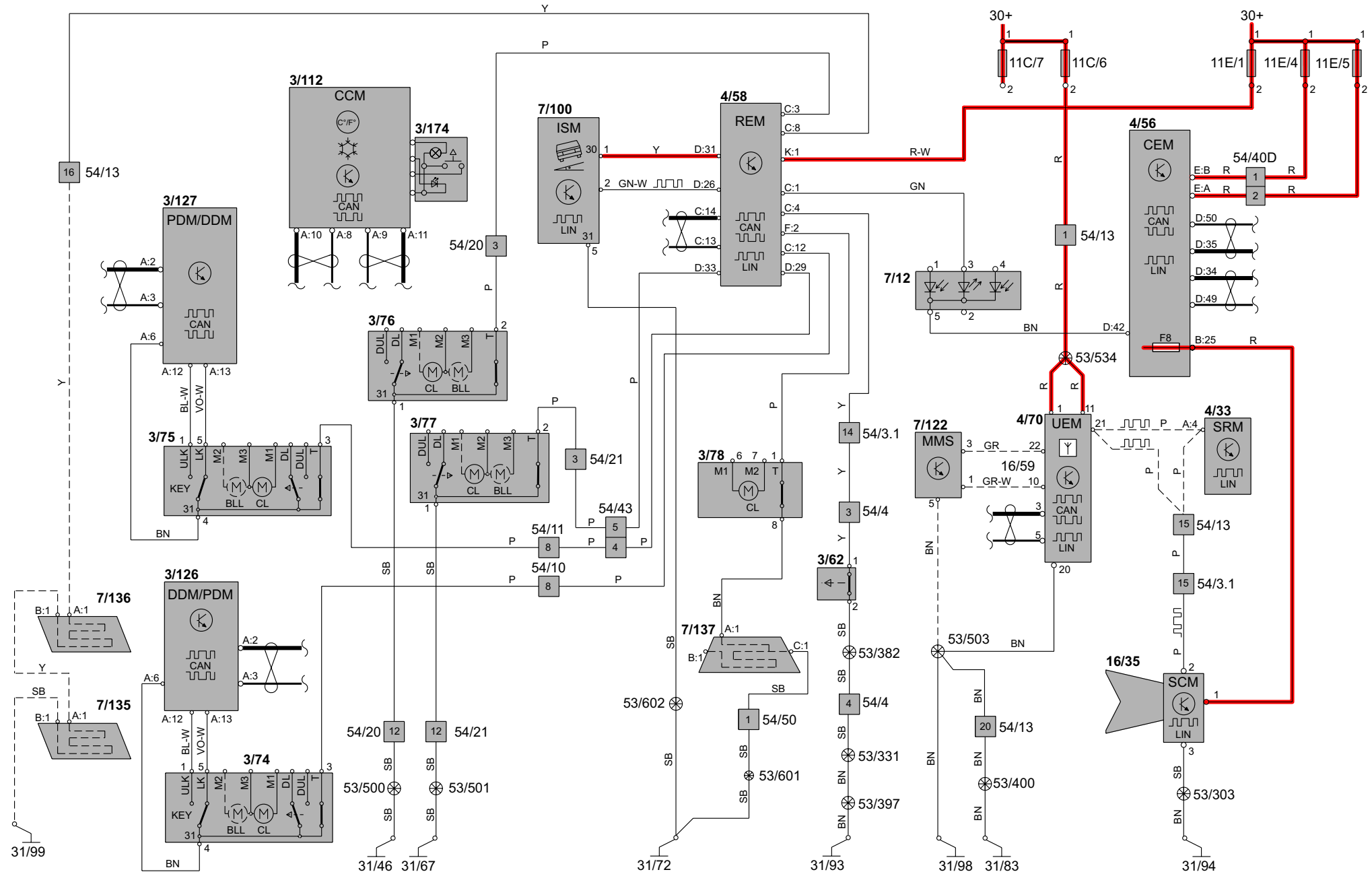
Group 36 Additional electrical equipment

Electronic immobilizer



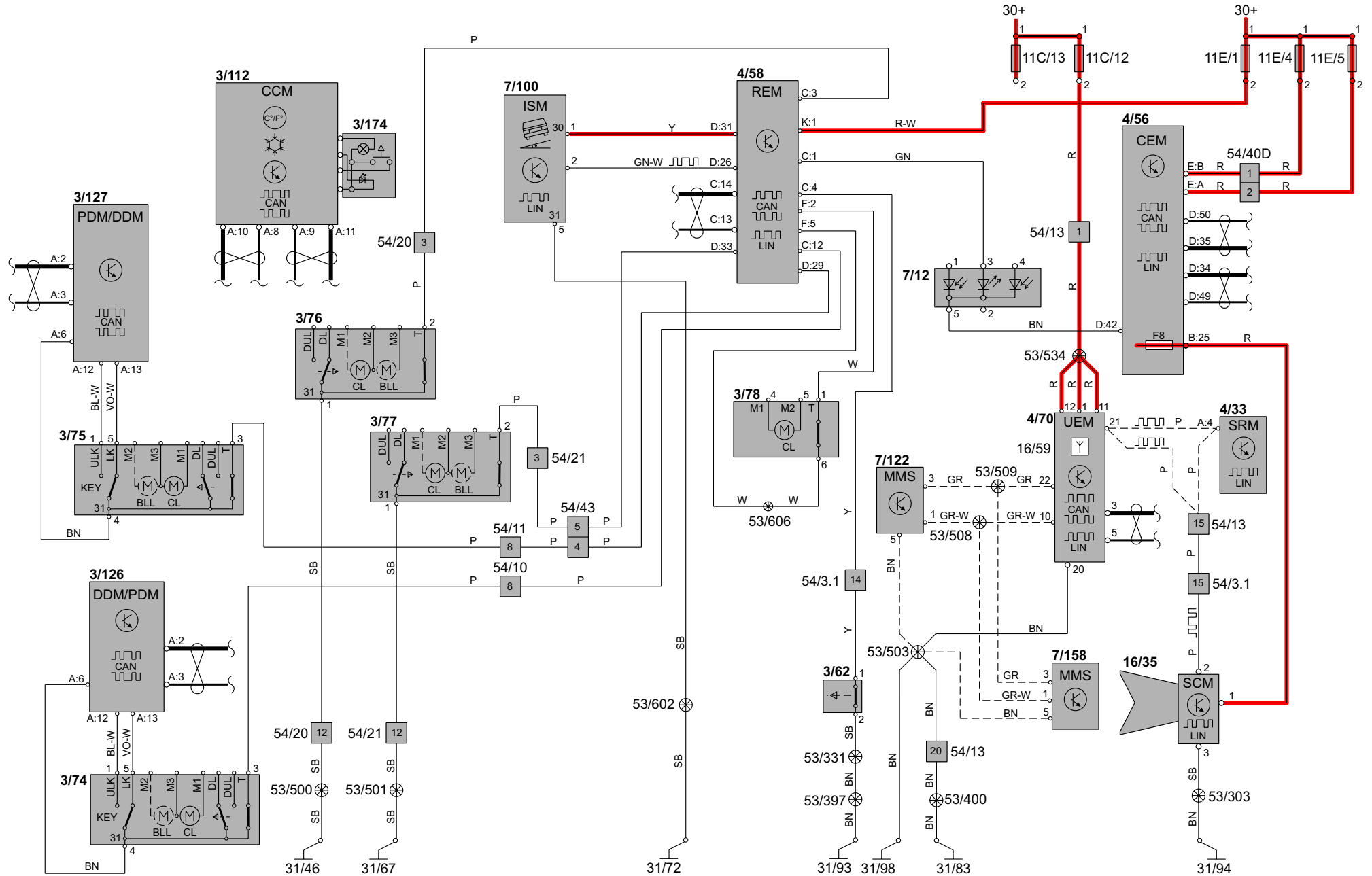
Group 36 Additional electrical equipment

Anti-theft alarm V70



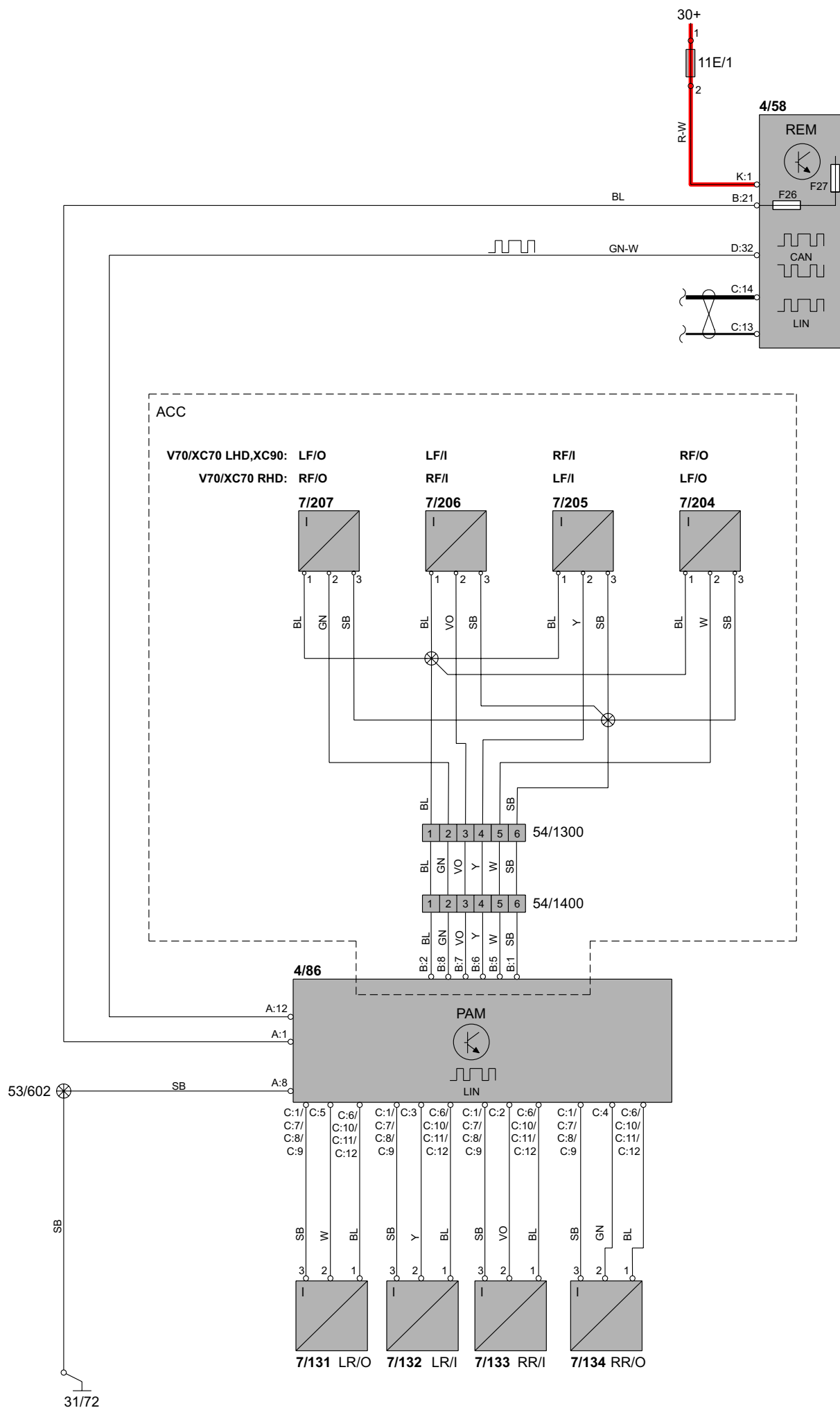
Group 36 Additional electrical equipment

Anti-theft alarm XC90

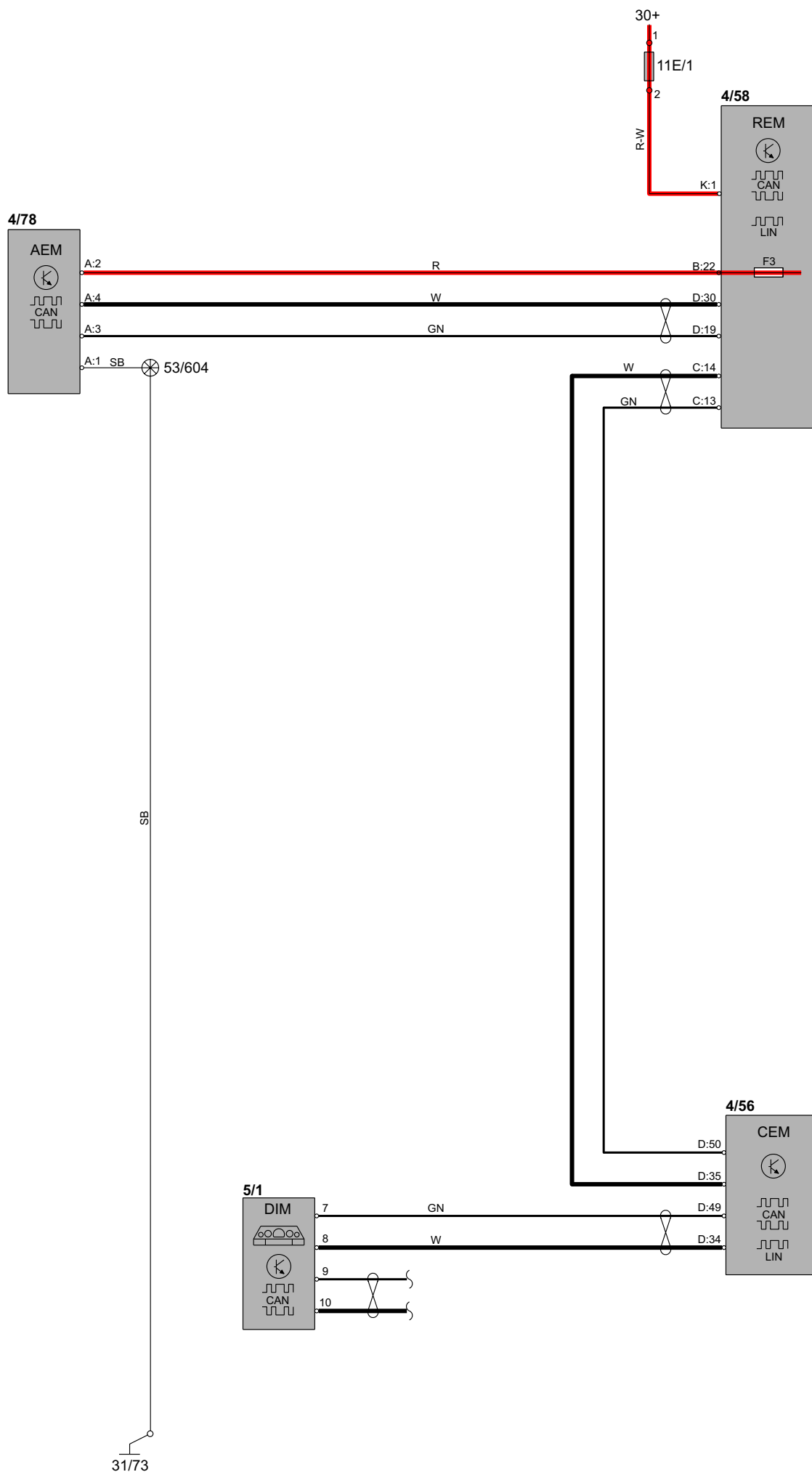


Group 36 Additional electrical equipment

Parking assistance

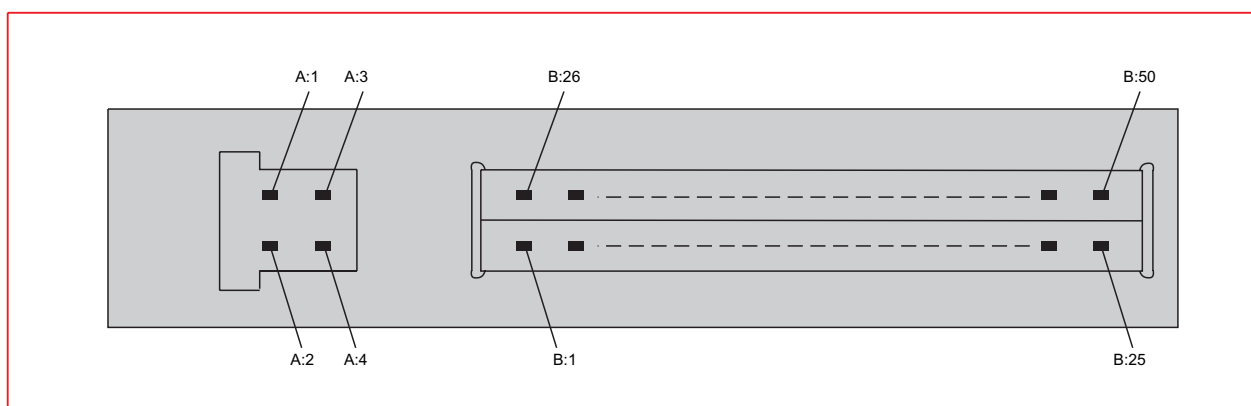


Group 36 Additional electrical equipment, Accessories Accessory Electronic Module (AEM) 1:2



Group 36 Additional electrical equipment, Accessories

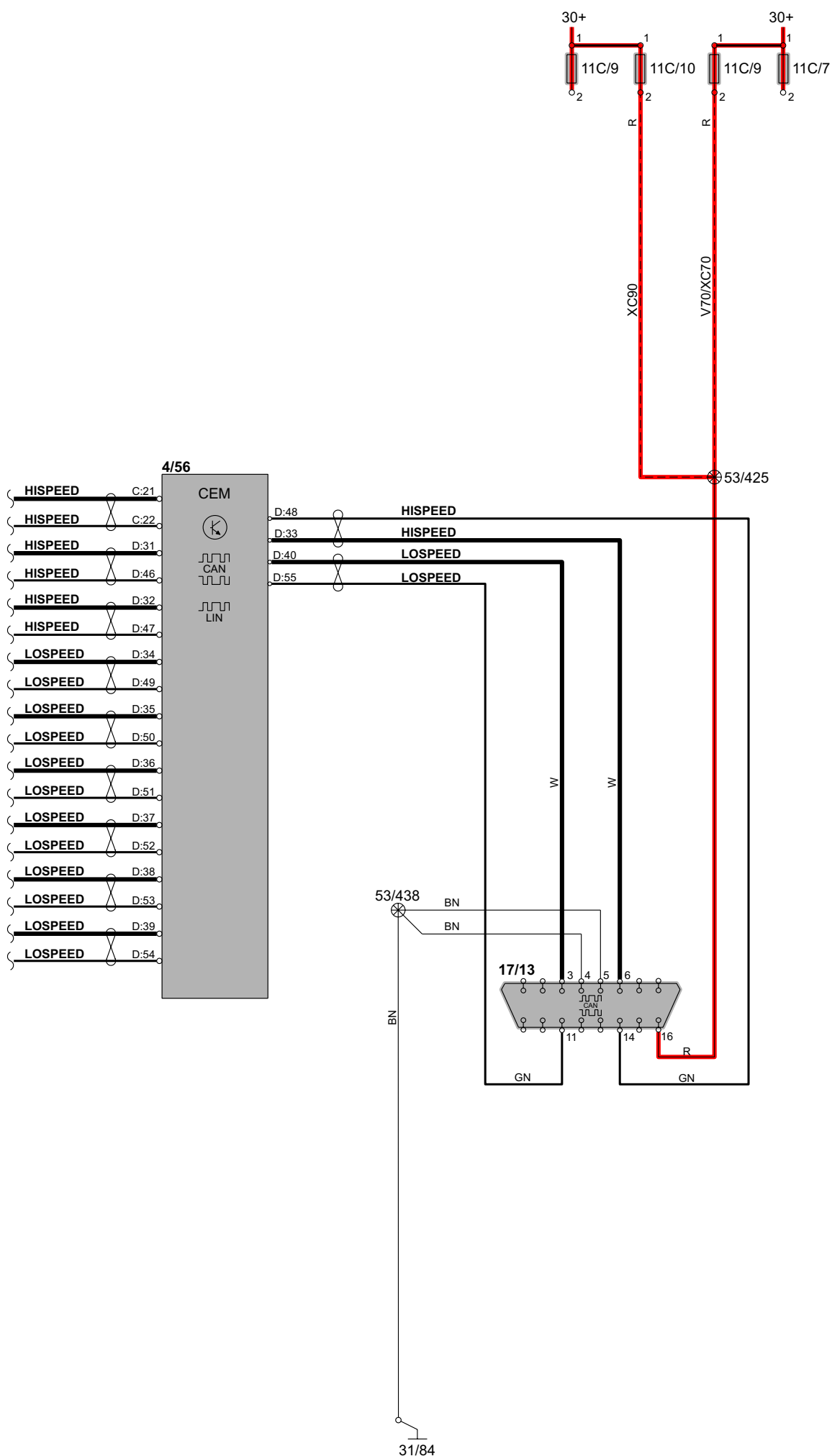
Accessory Electronic Module (AEM) 2:2



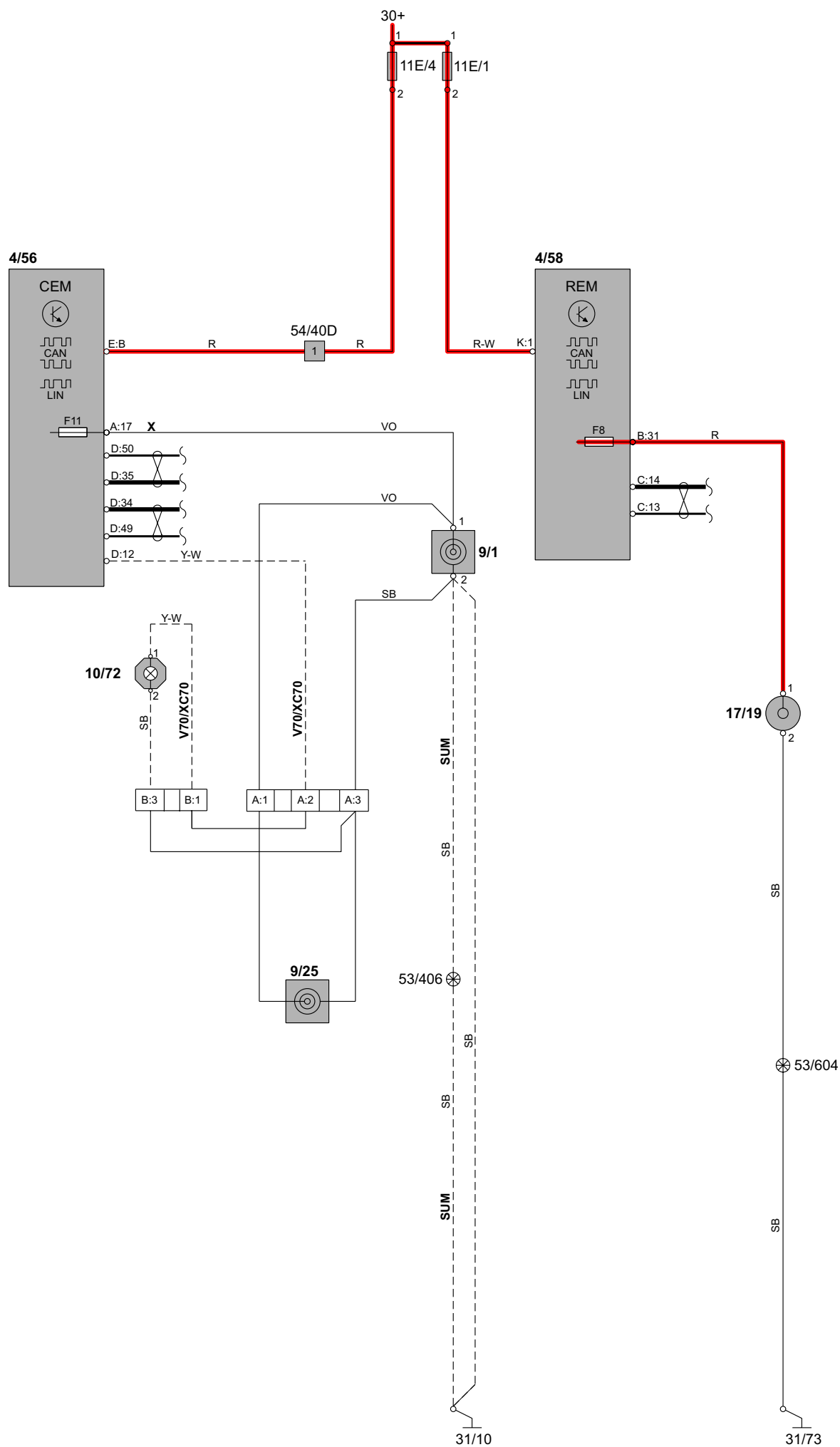
Pos	Function	Type
A:1	Electrical distribution	Ground
A:2	Electrical distribution	Feed
A:3	CAN communication	Input/output signals
A:4	CAN communication	Input/output signals
B:1	Remote heater start, minicall	Feed
B:2	Remote heater start, minicall	Ground
B:3	Remote heater start, minicall	Input signal
	Remote 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	

Group 37 Wiring and fuses

Diagnostics system

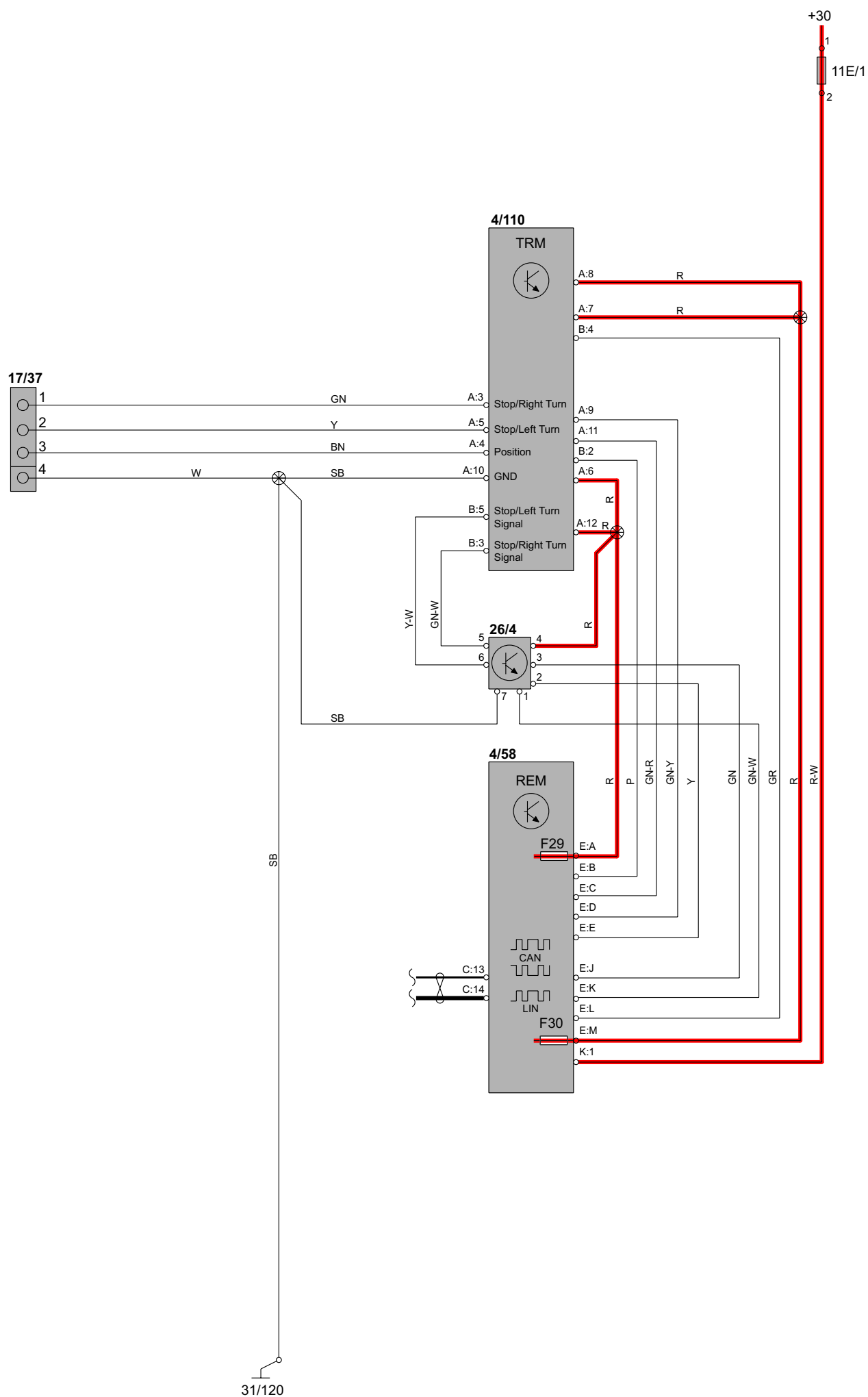


Group 37 Wiring and fuses 12V outlet



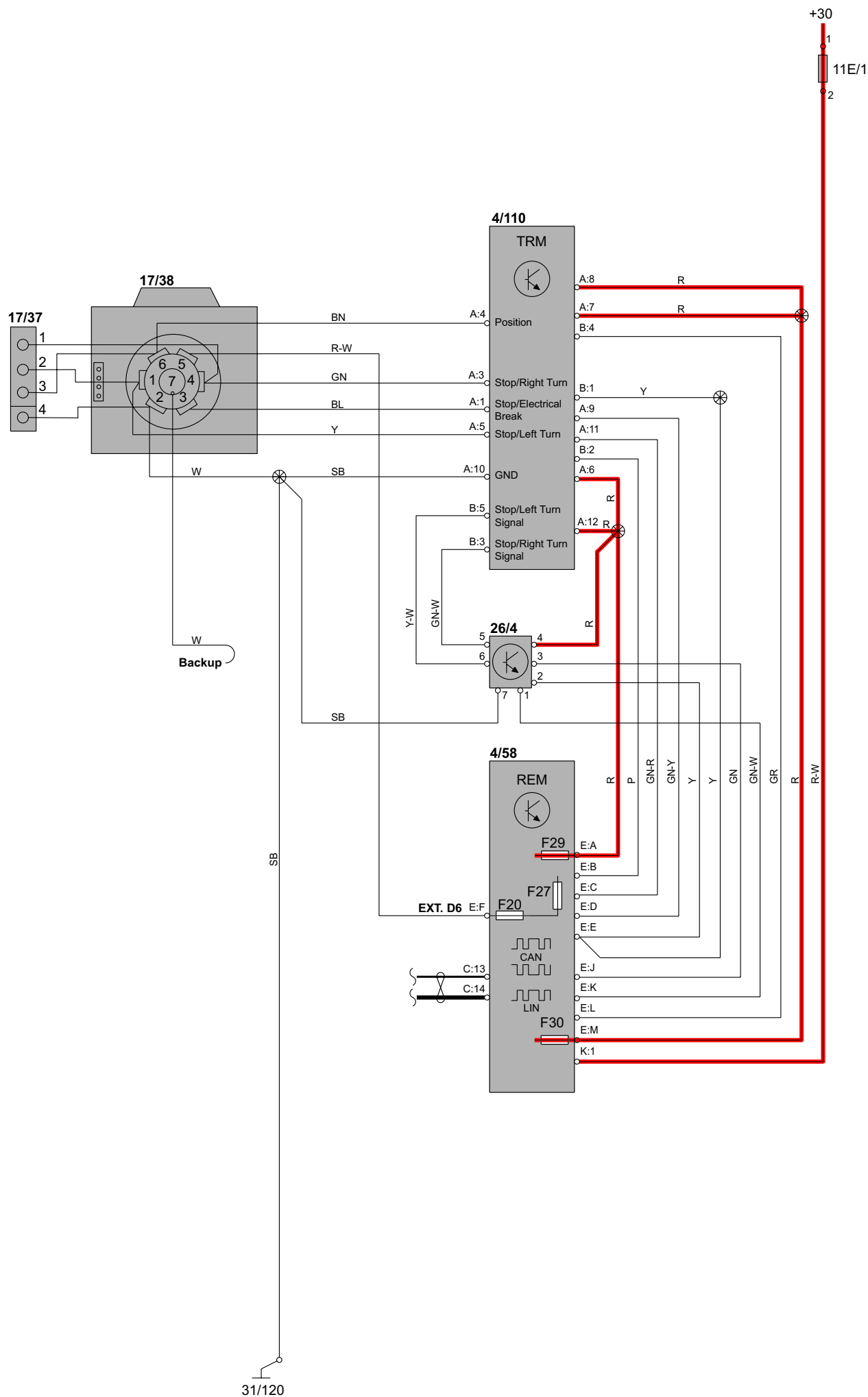
Group 37 Wiring and fuses

Tow hitch cable harness, 4-pin



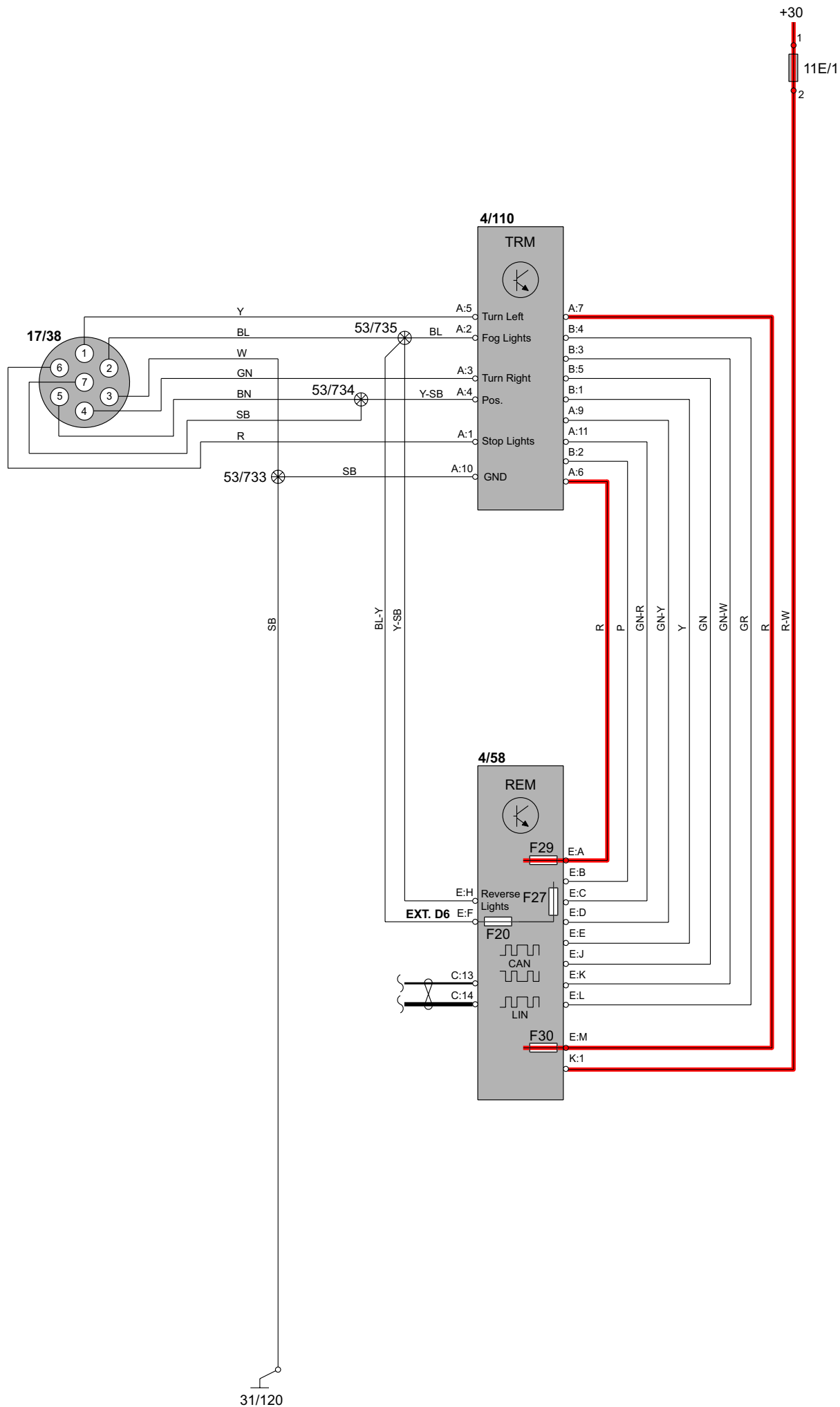
Group 37 Wiring and fuses, Accessories

Tow hitch cable harness, 4/7-pin



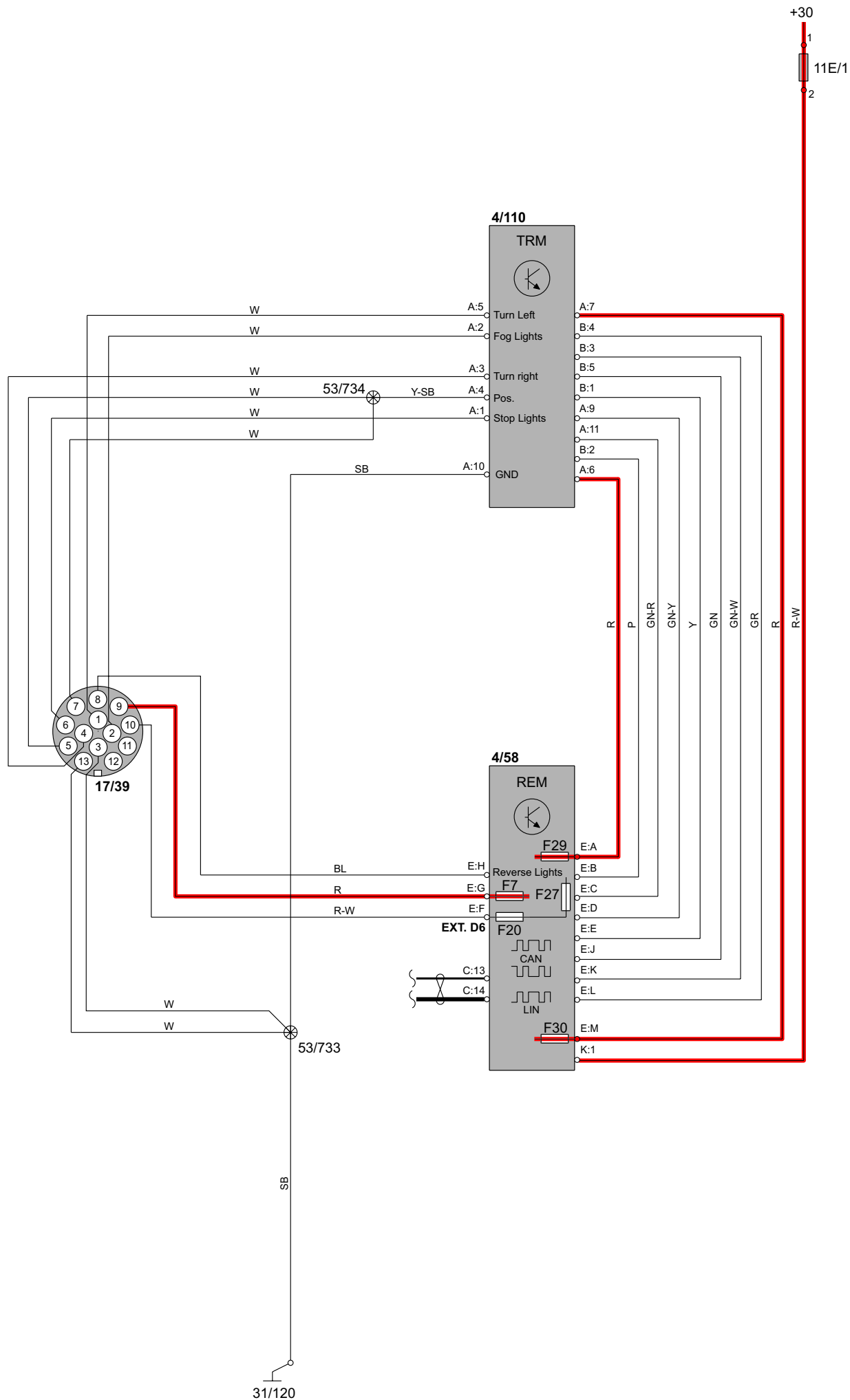
Group 37 Wiring and fuses, Accessories

Tow hitch cable harness, 7-pin



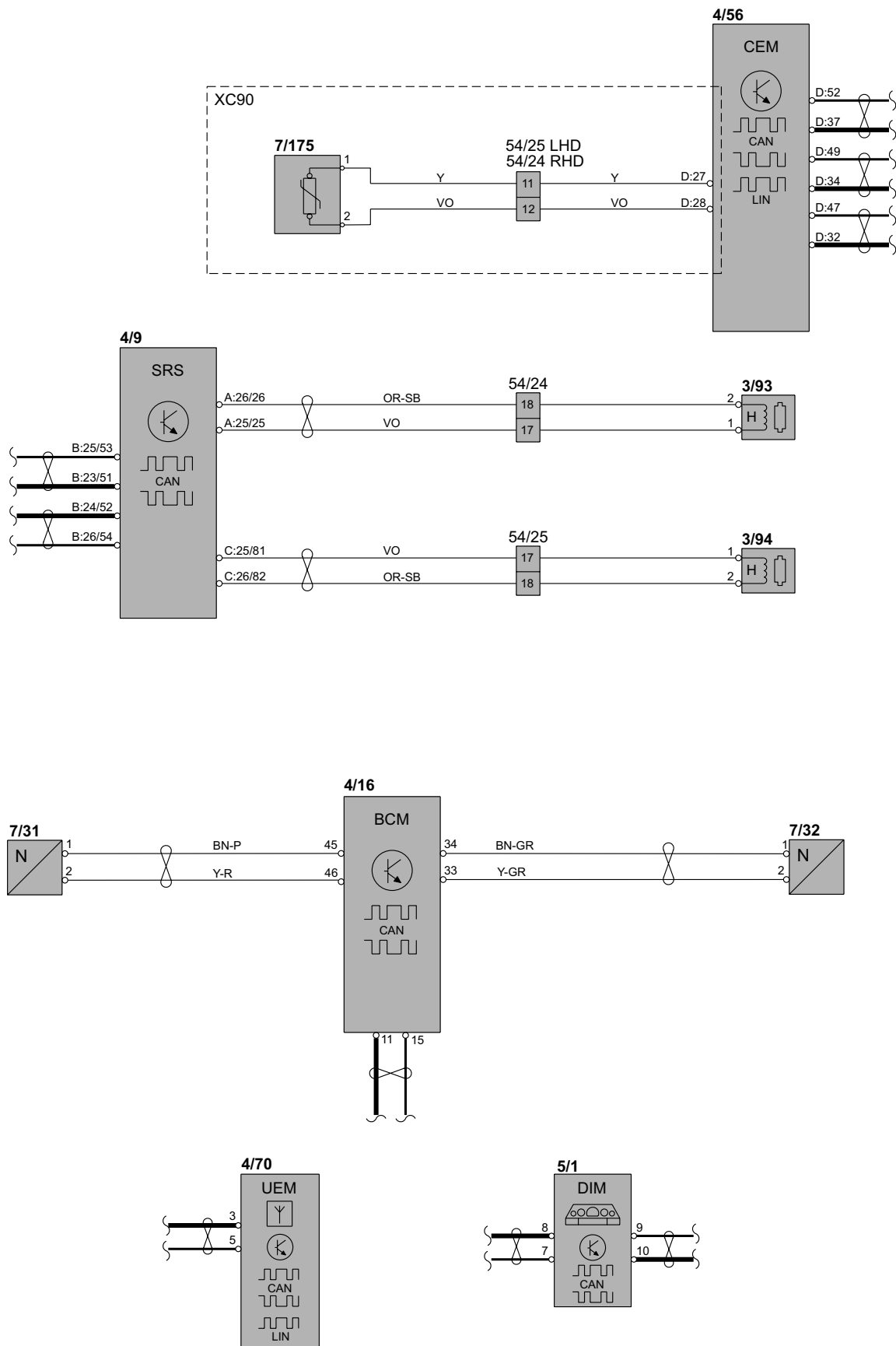
Group 37 Wiring and fuses, Accessories

Tow hitch cable harness, 13-pin



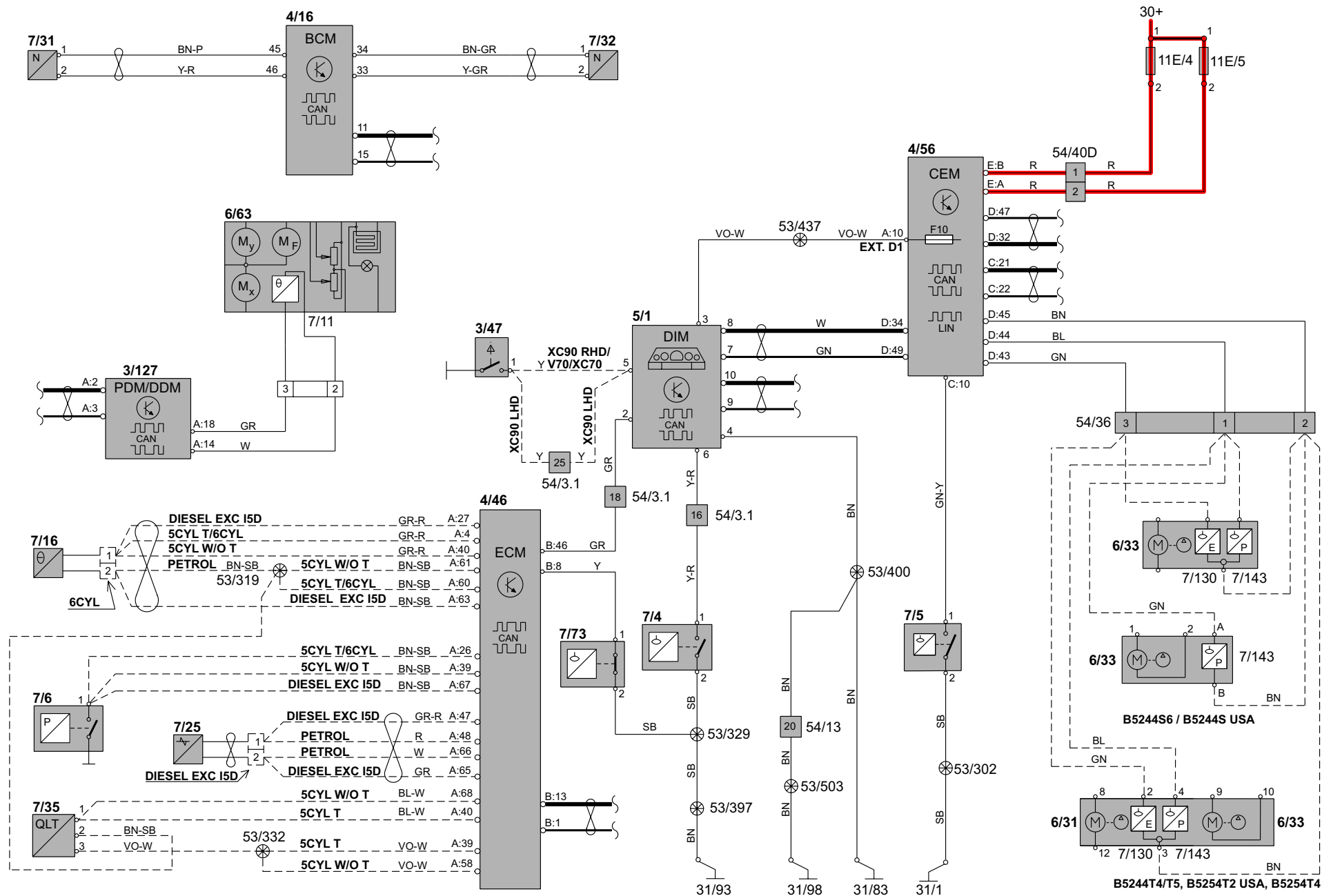
Group 38 Instruments

Seat belt reminder

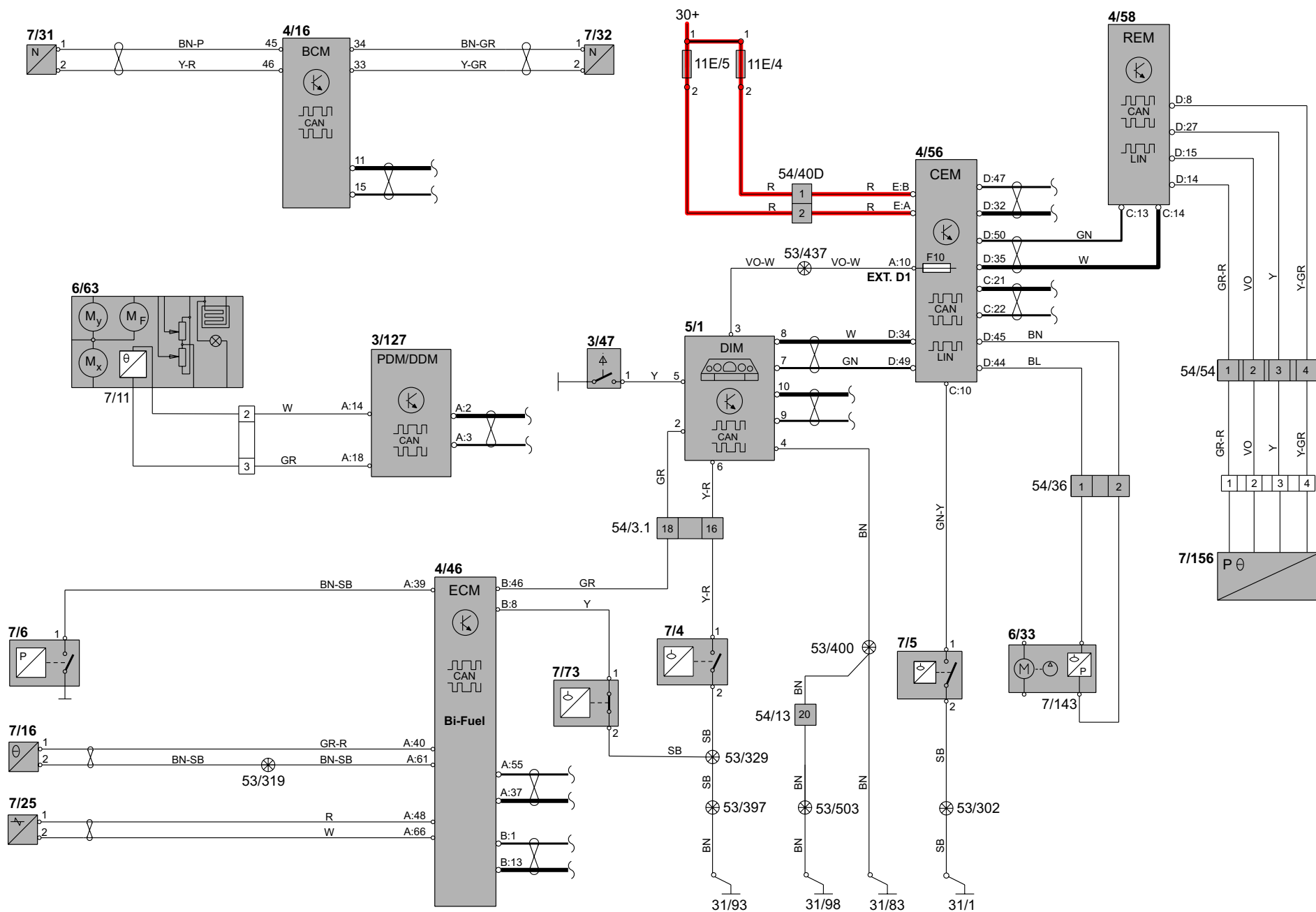


Group 38 Instruments

Driver information module

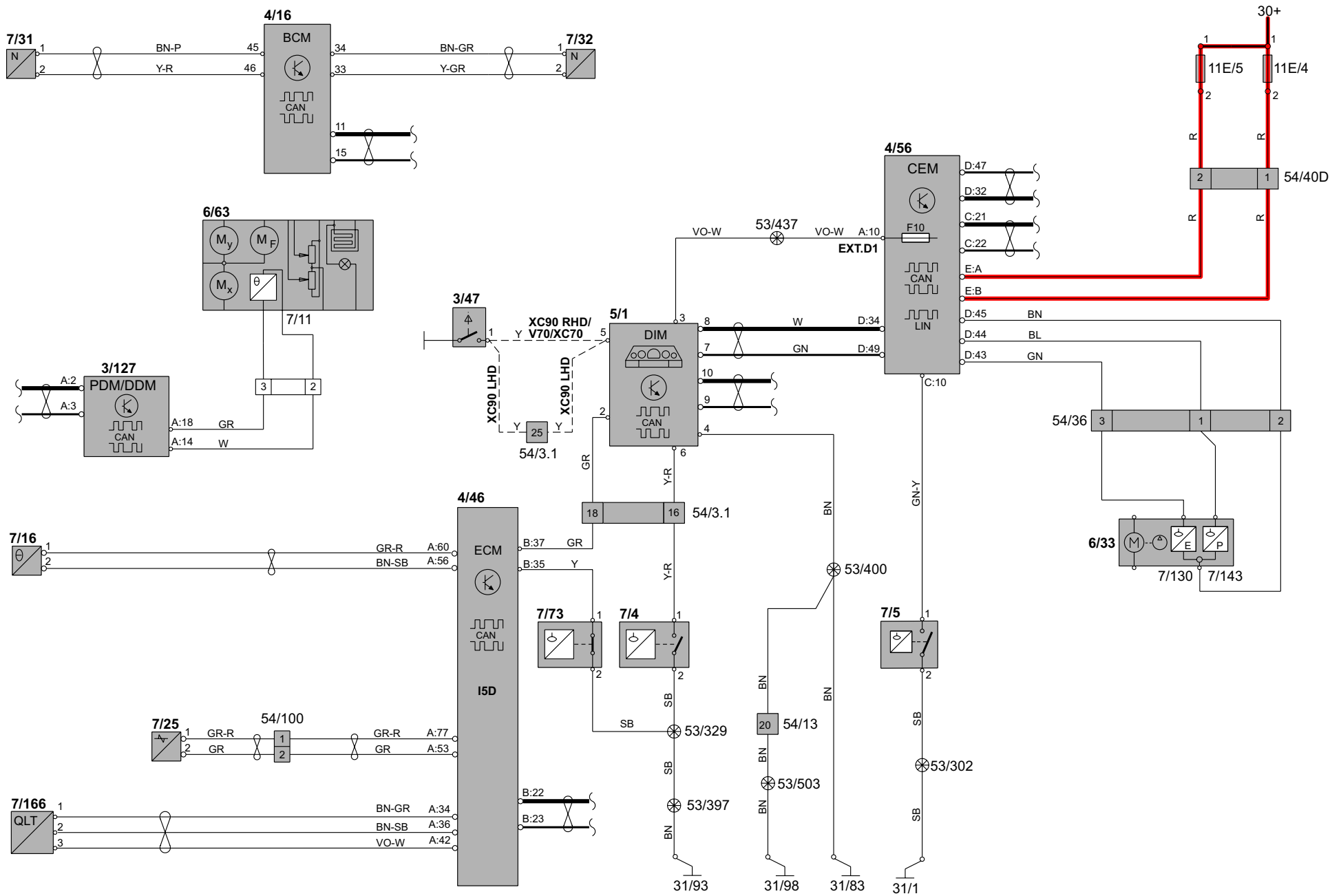


Driver information module, Bi-Fuel



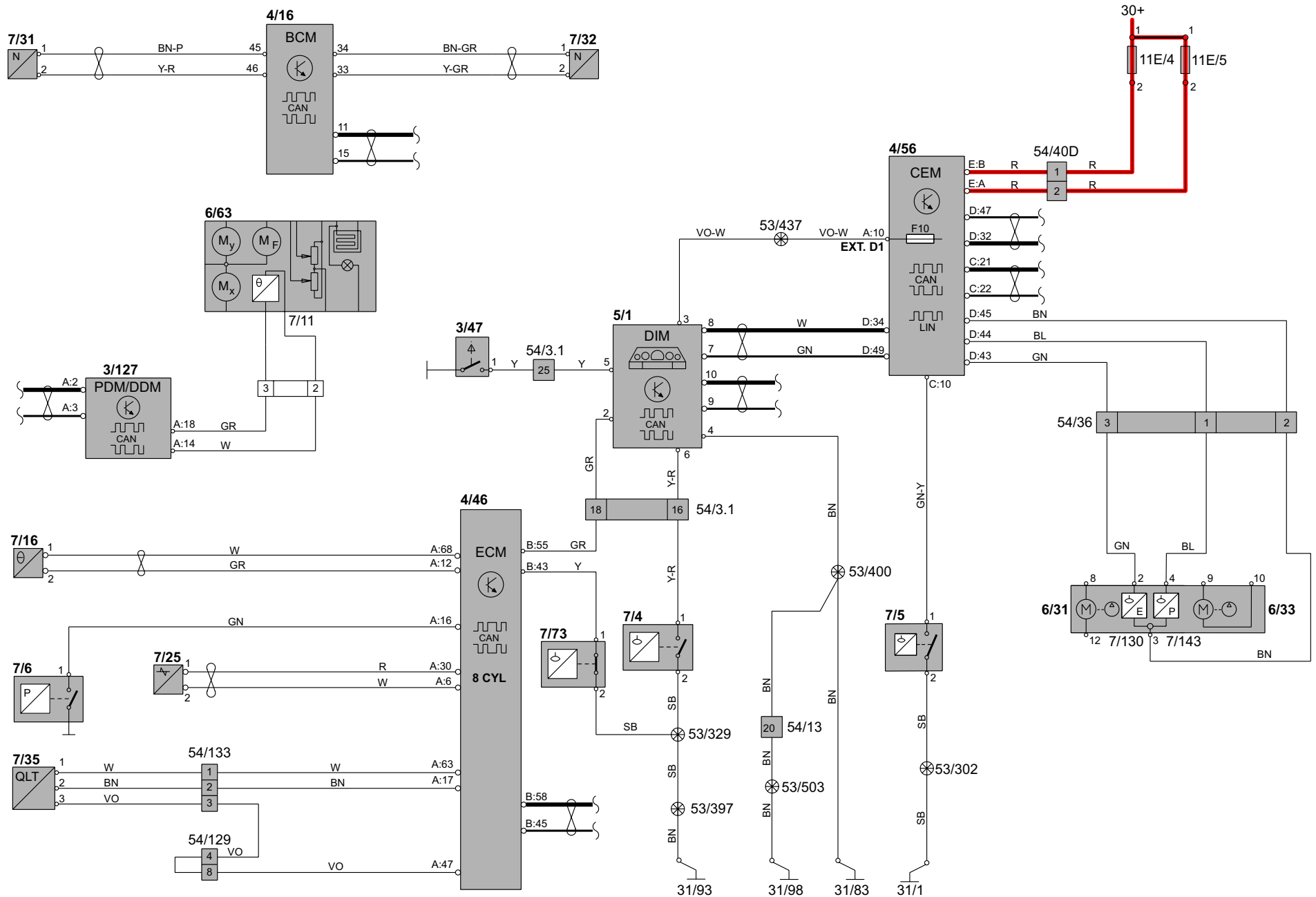
Group 38 Instruments

Driver information module, I5D

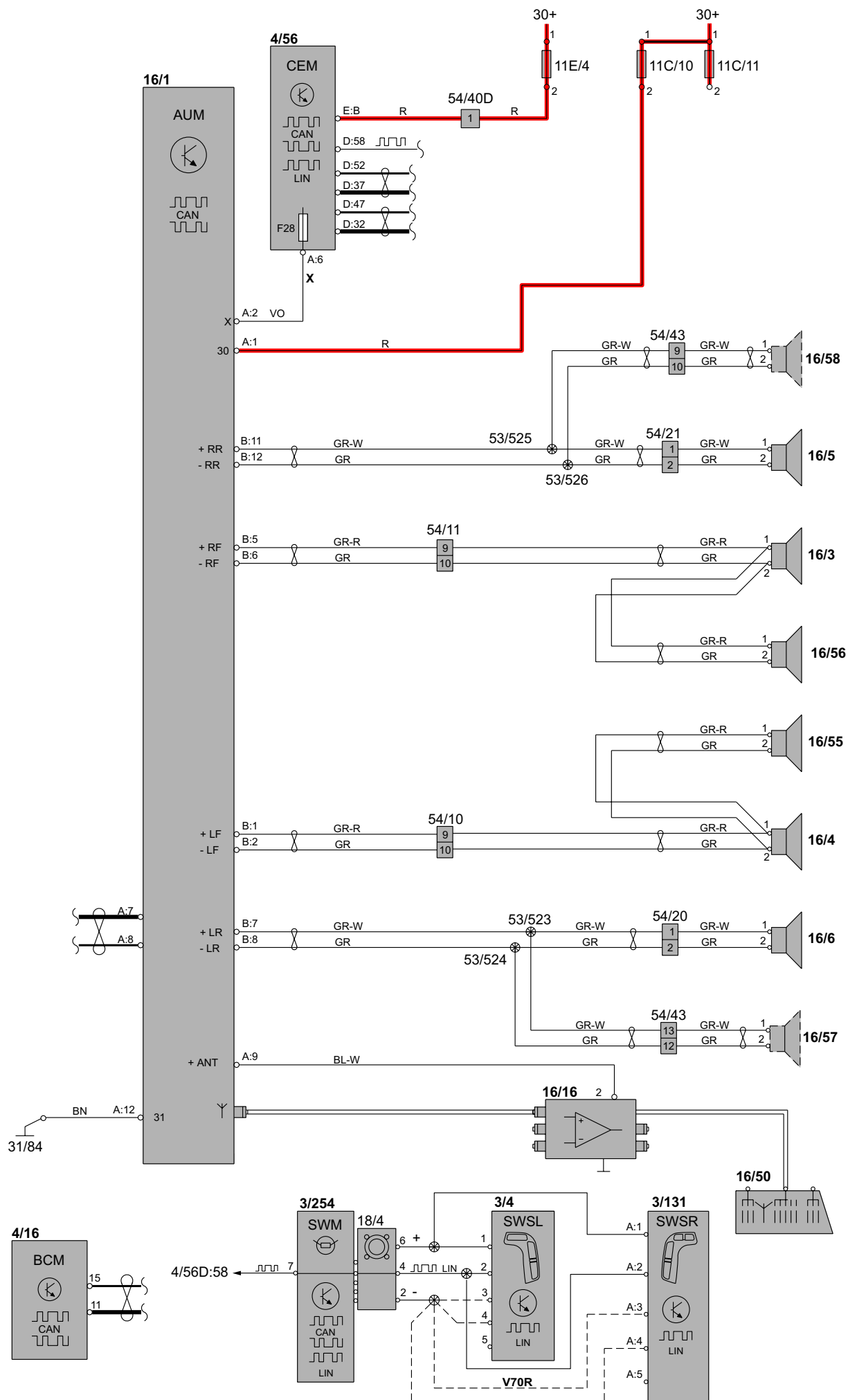


Group 38 Instruments

Driver information module, 8-cyl.

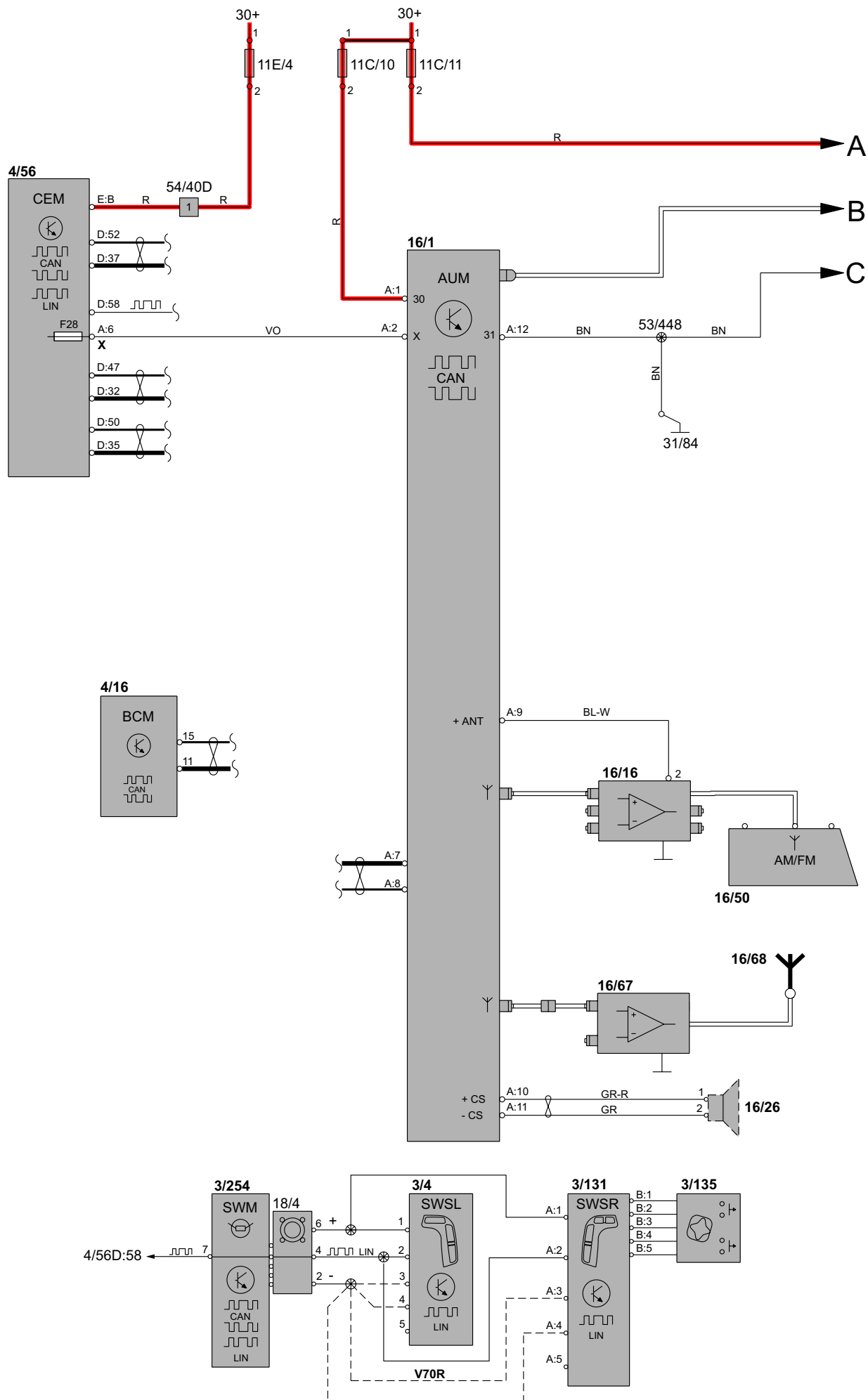


Group 39 Other Audio V70



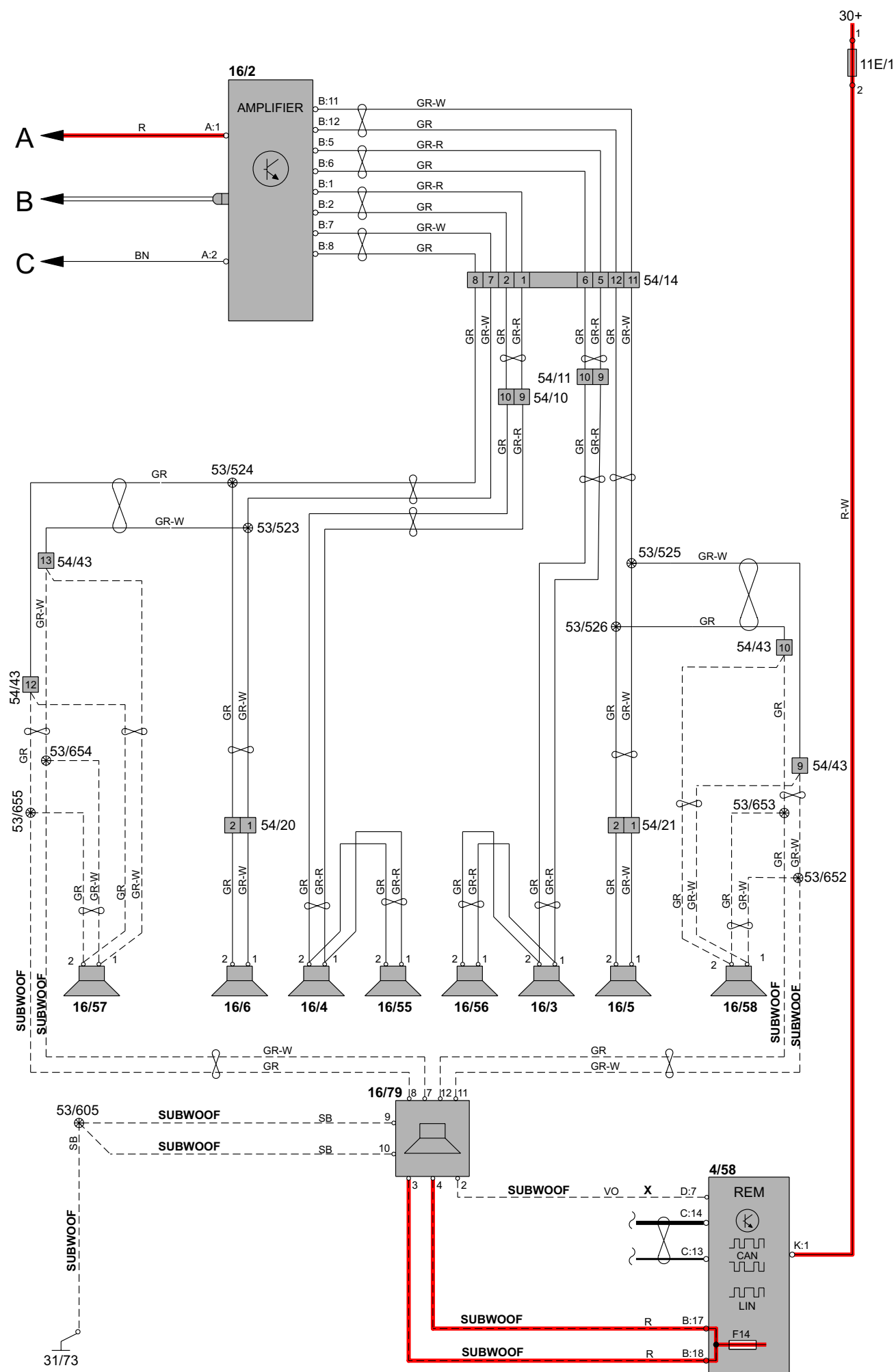
Group 39 Other

Audio with auxiliary amplifier V70 1:2

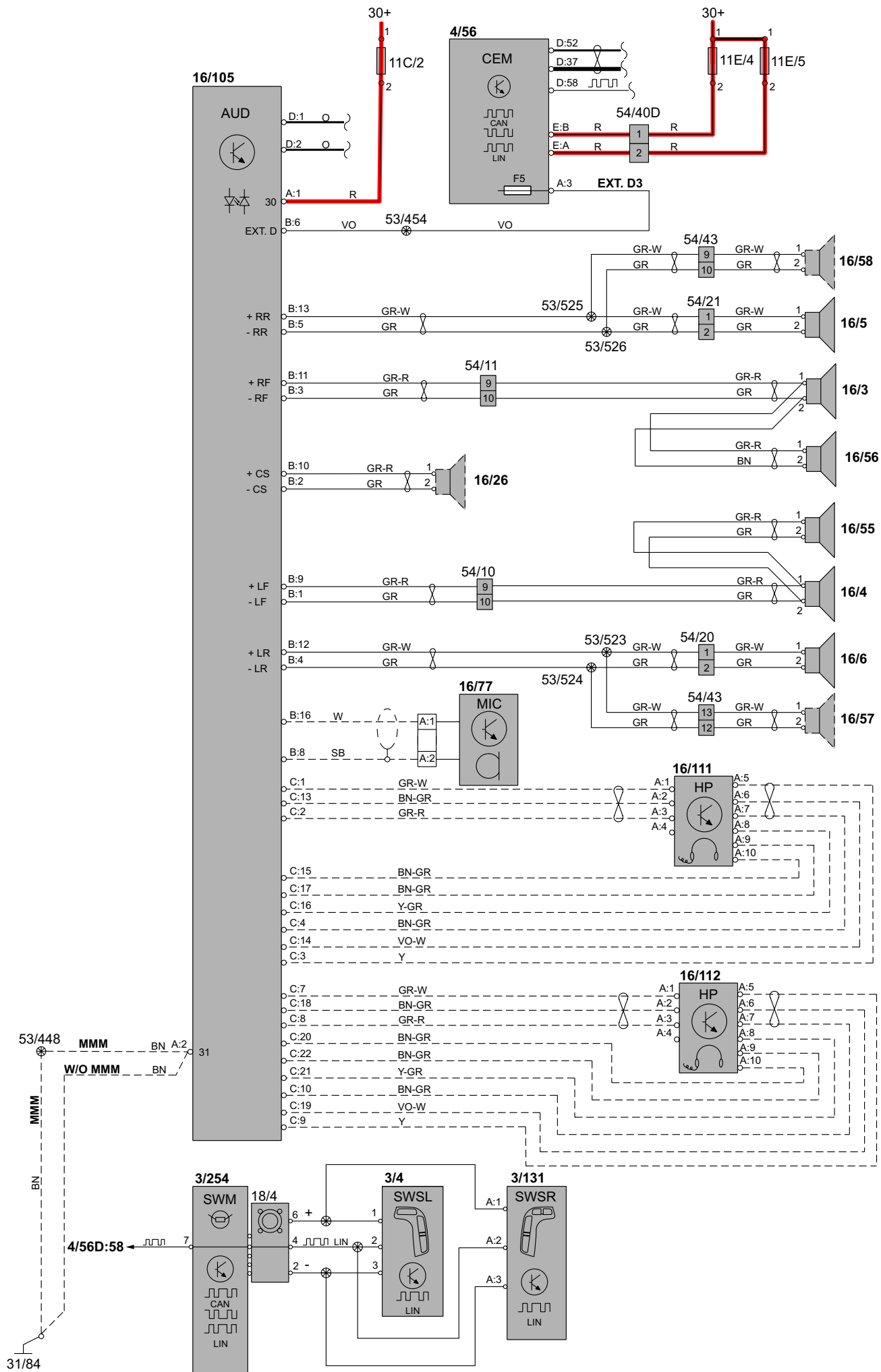


Group 39 Other

Audio with auxiliary amplifier V70 2:2

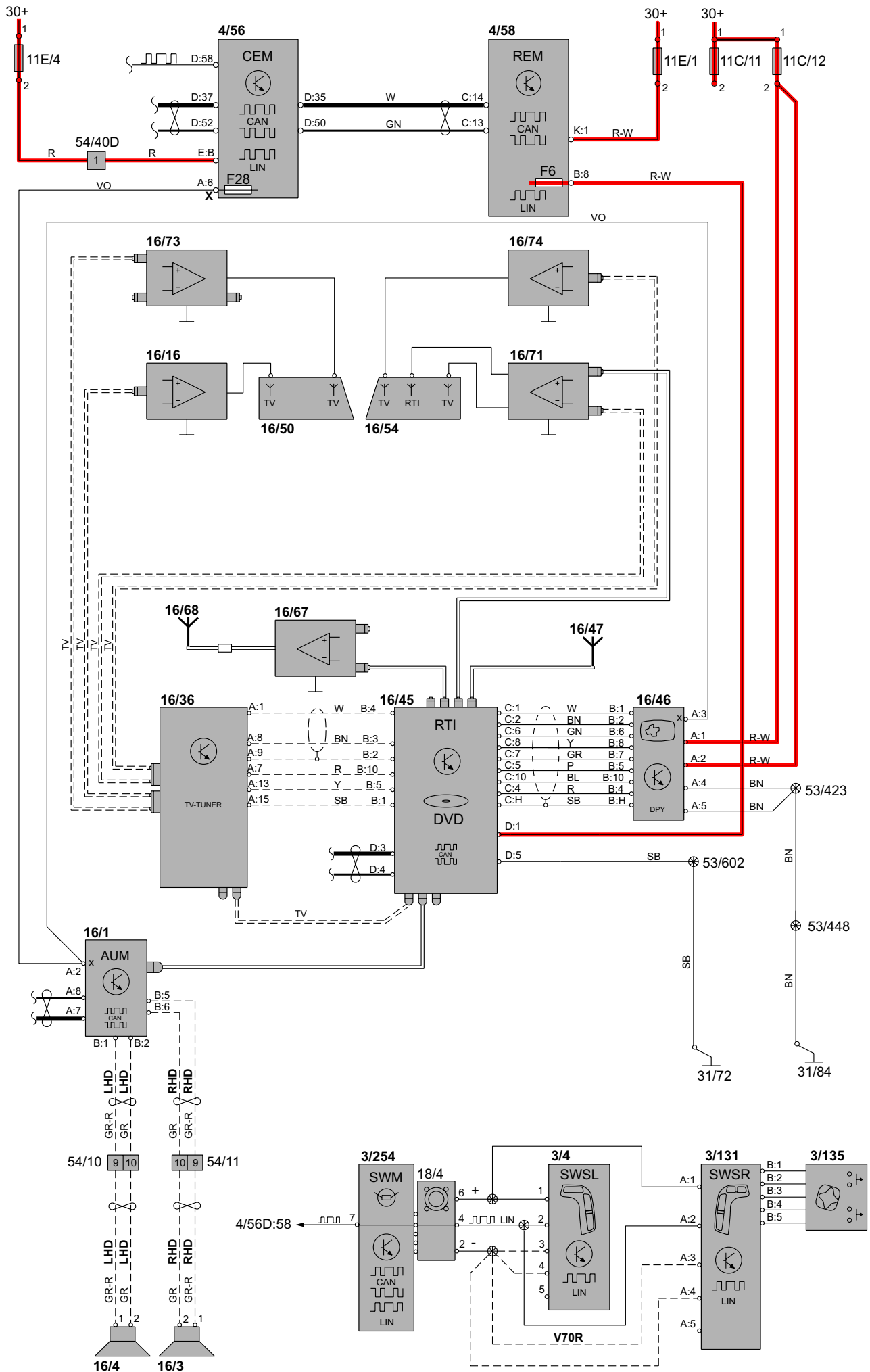


**Group 39 Other
Audio XC90**



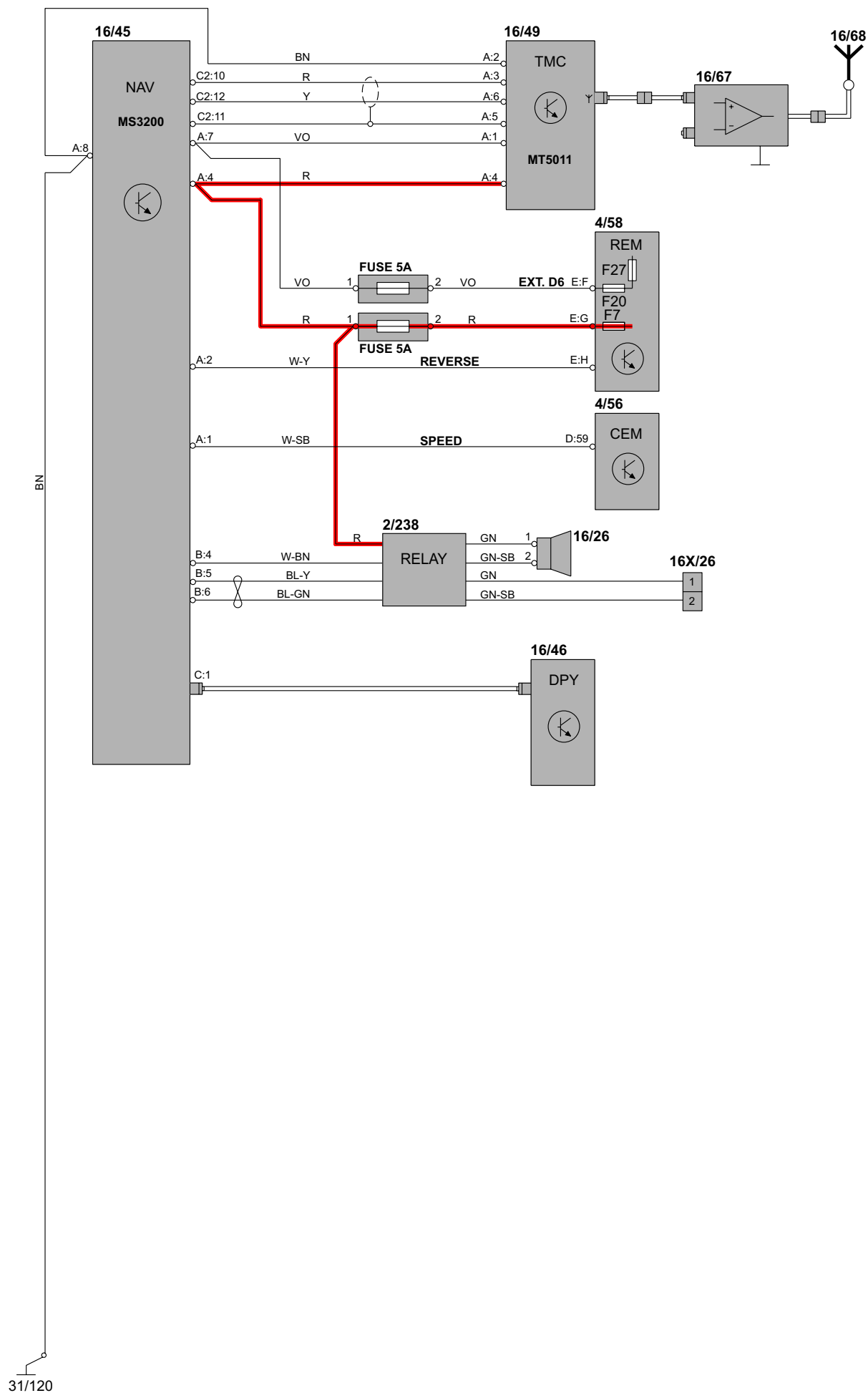
Group 39 Other

Road Traffic Information module (RTI) V70



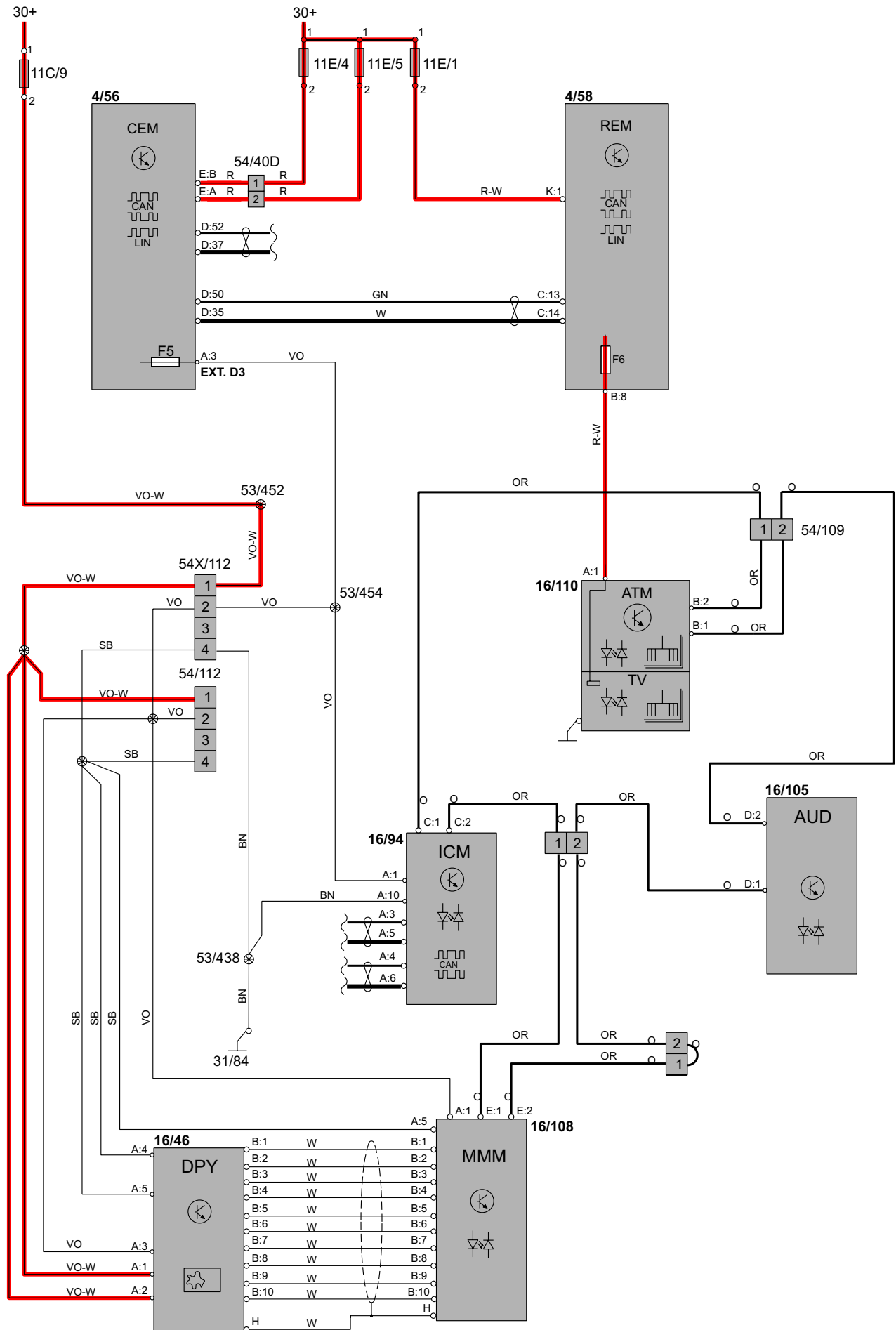
Group 39 Other, Accessories

Turn-by-Turn, navigation system V70



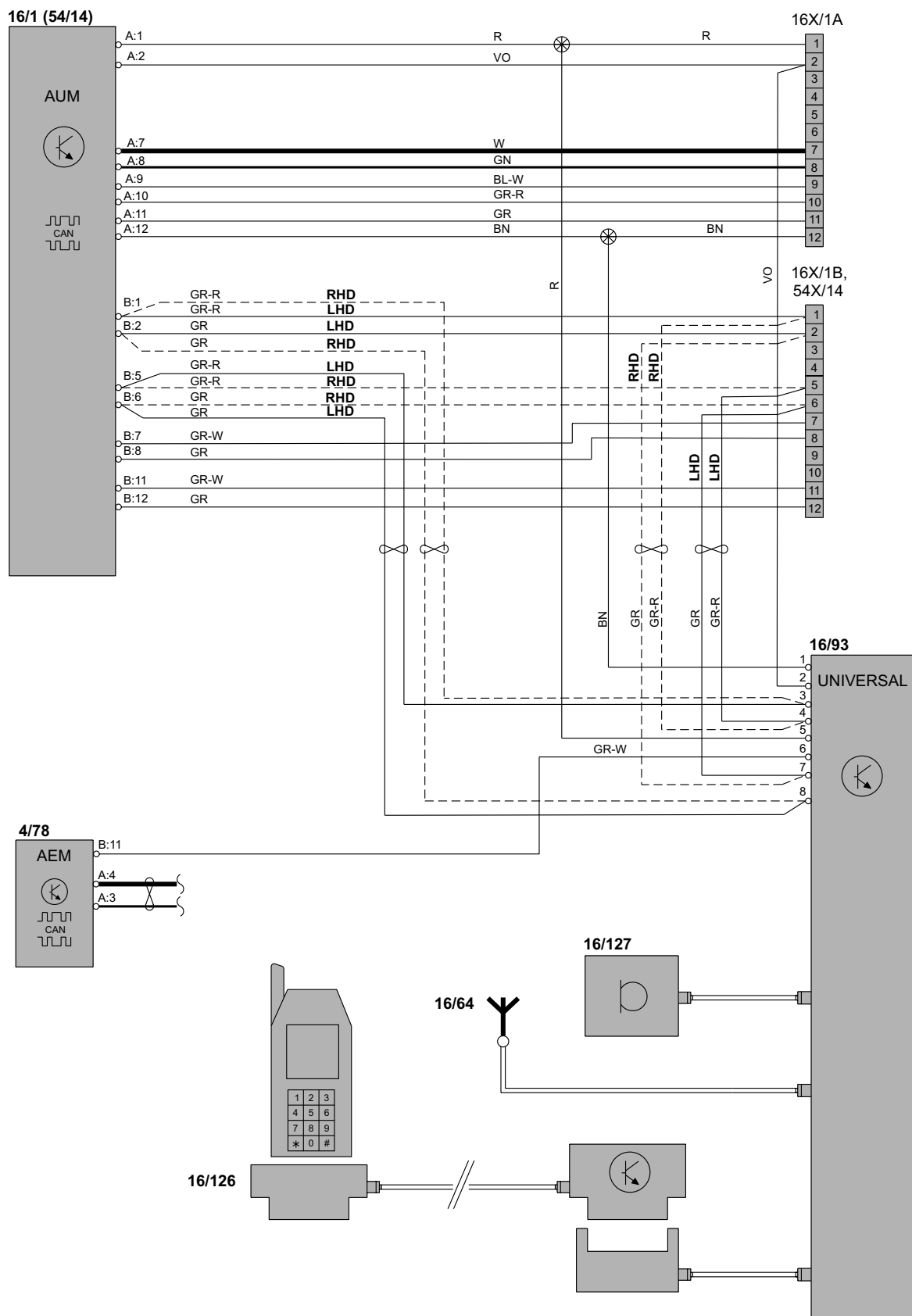
Group 39 Other, Accessories

Road Traffic Information module (RTI) XC90



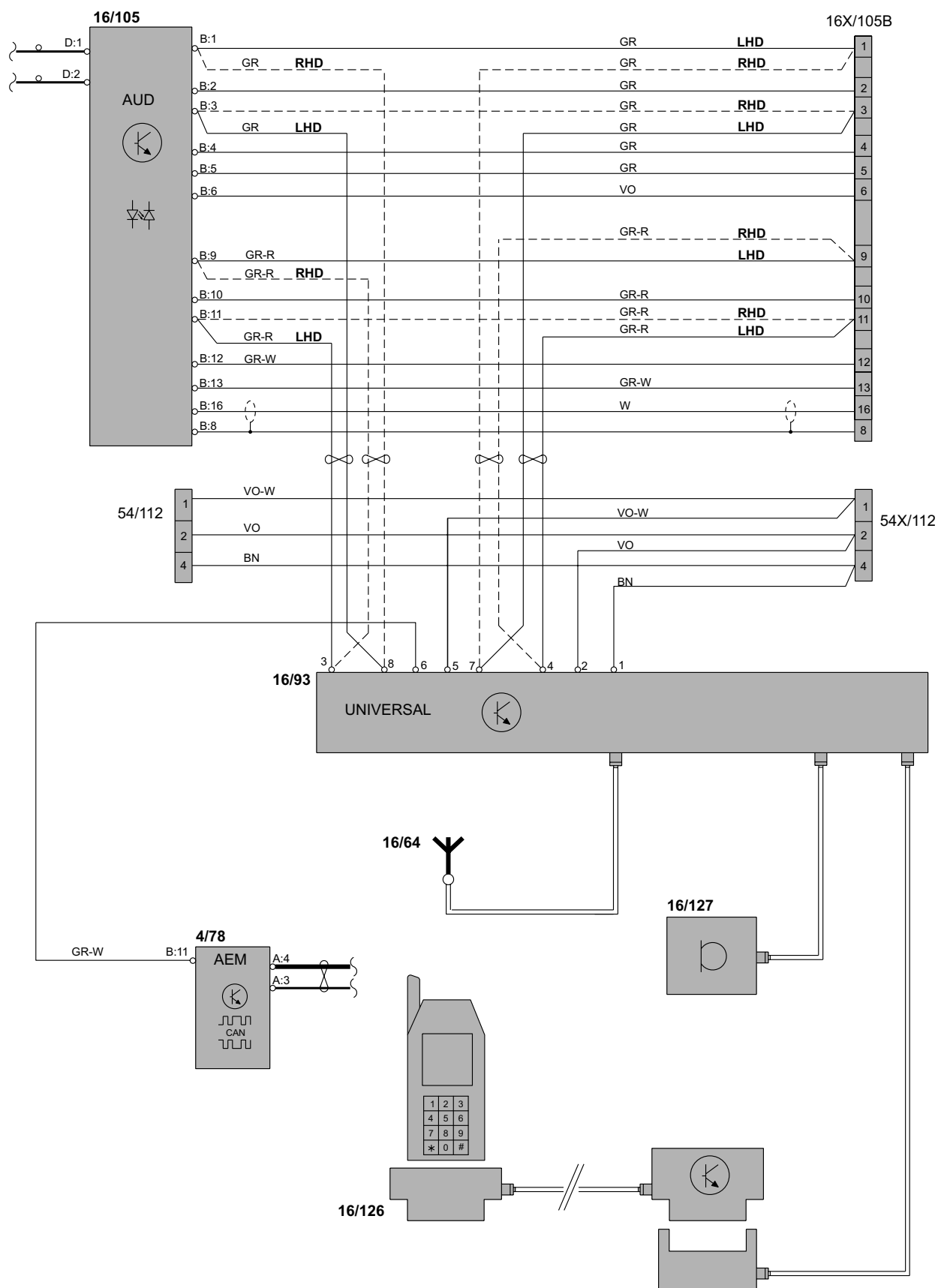
Group 39 Other, Accessories

Handsfree V70



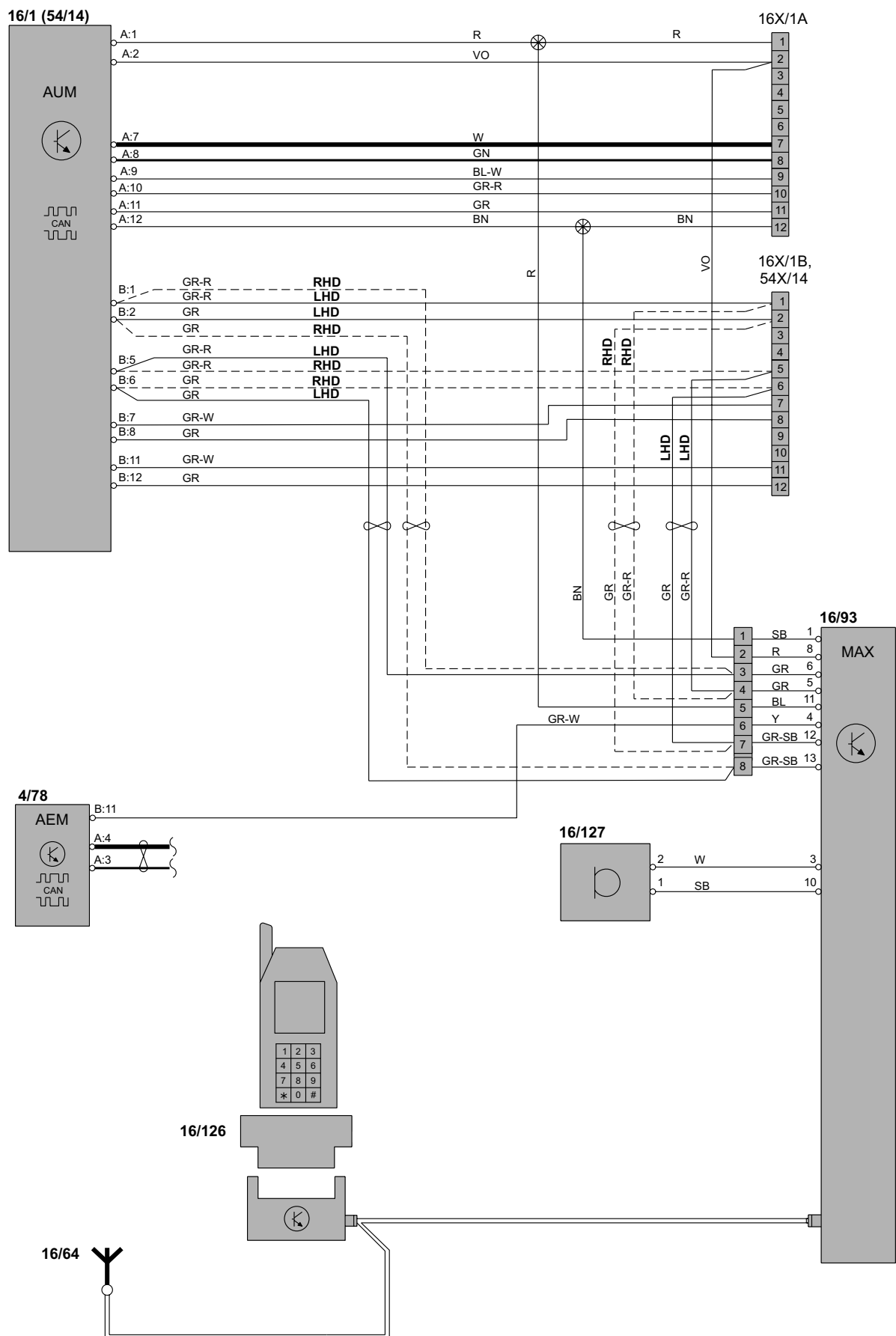
Group 39 Other, Accessories

Handsfree XC90



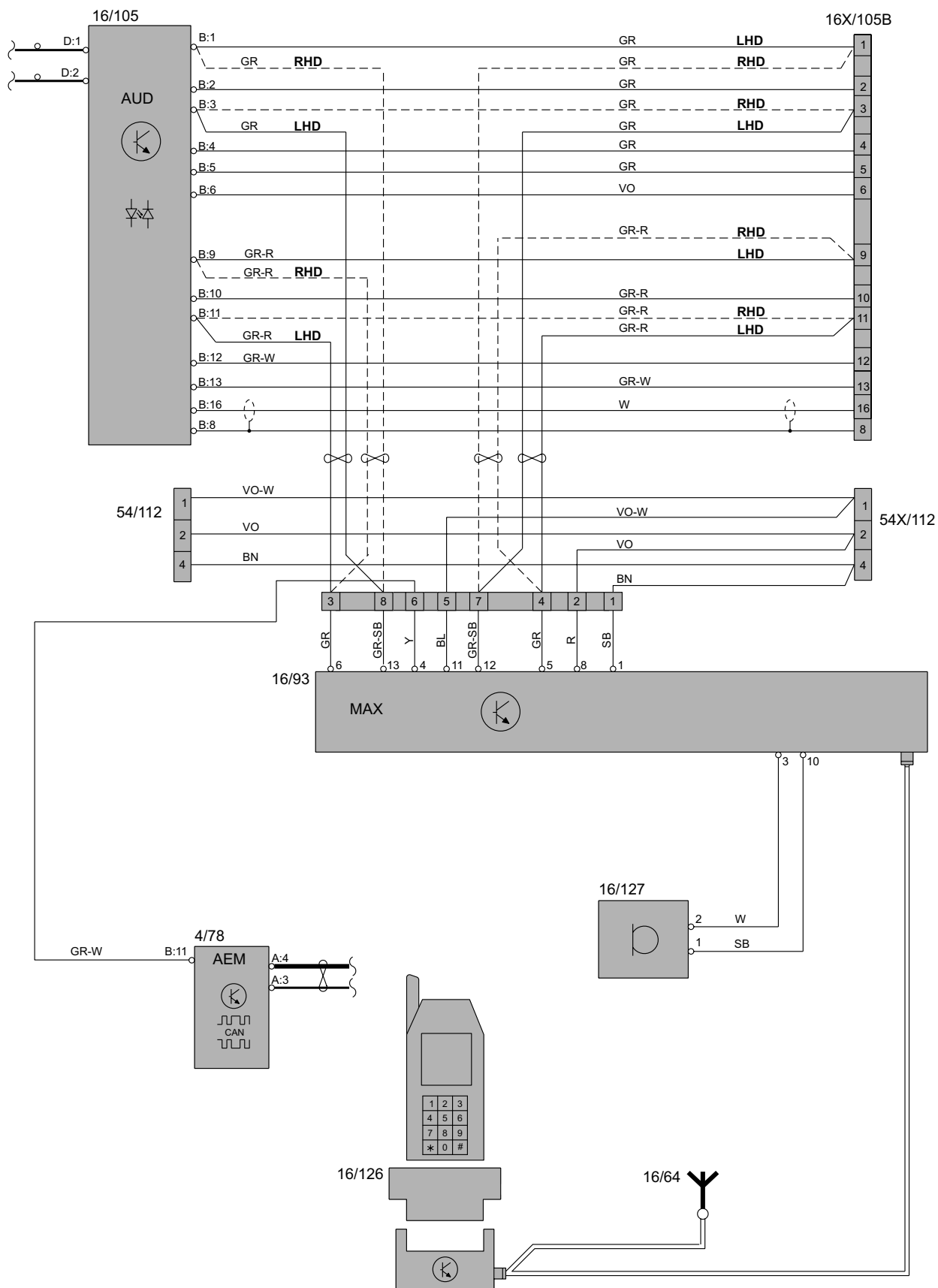
Group 39 Other, Accessories

Handsfree MAX V70



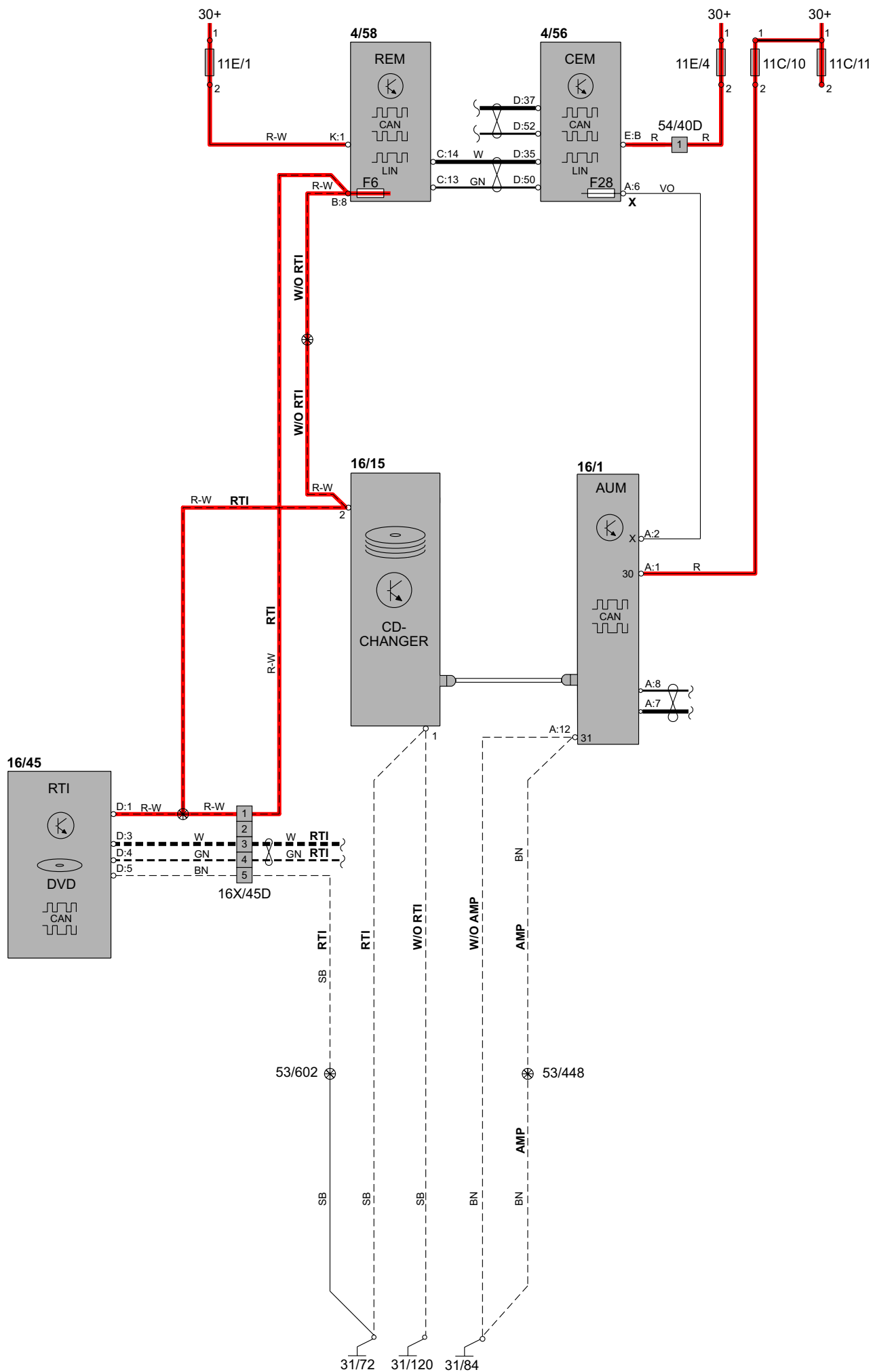
Group 39 Other, Accessories

Handsfree MAX XC90



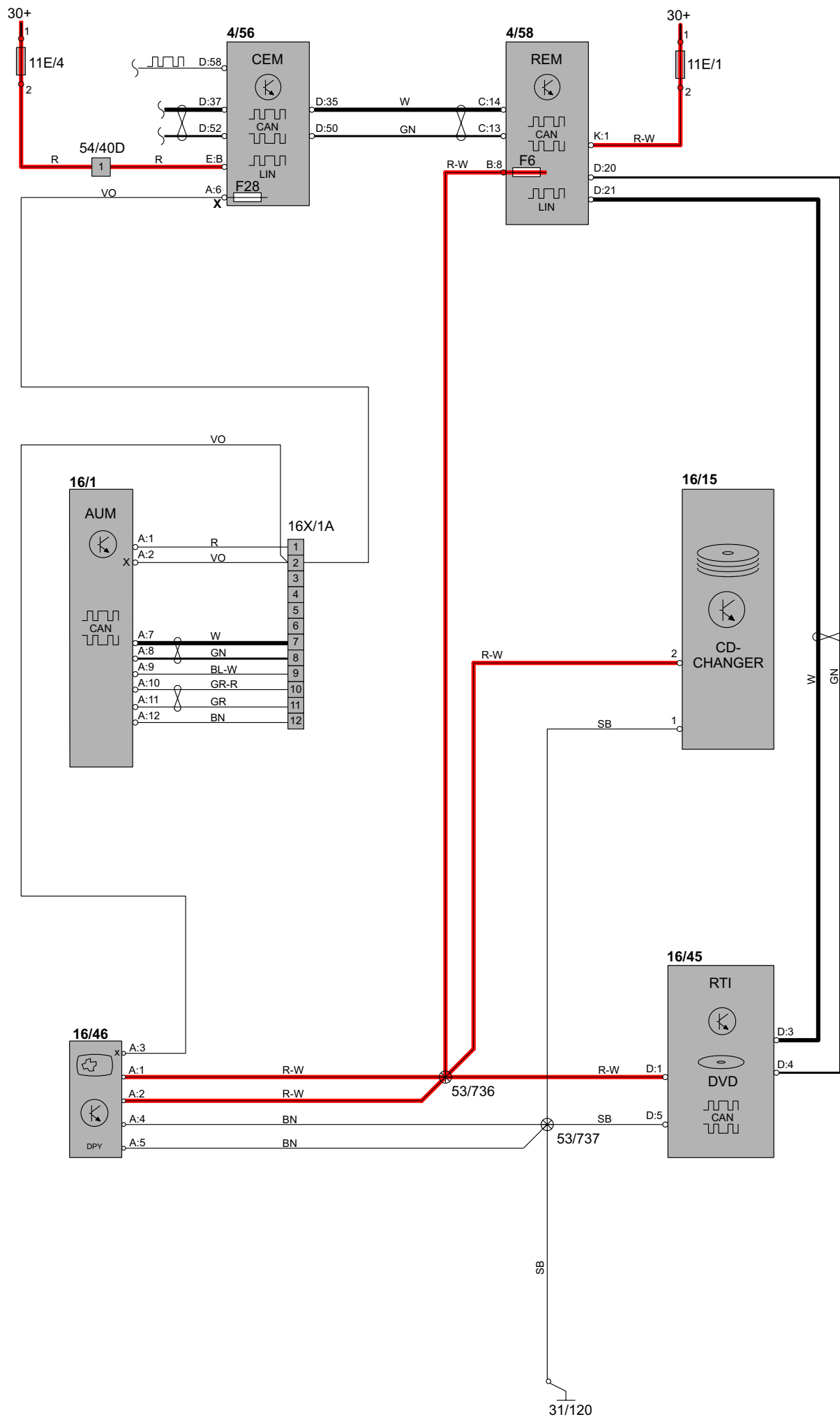
Group 39 Other, Accessories

CD-Changer V70



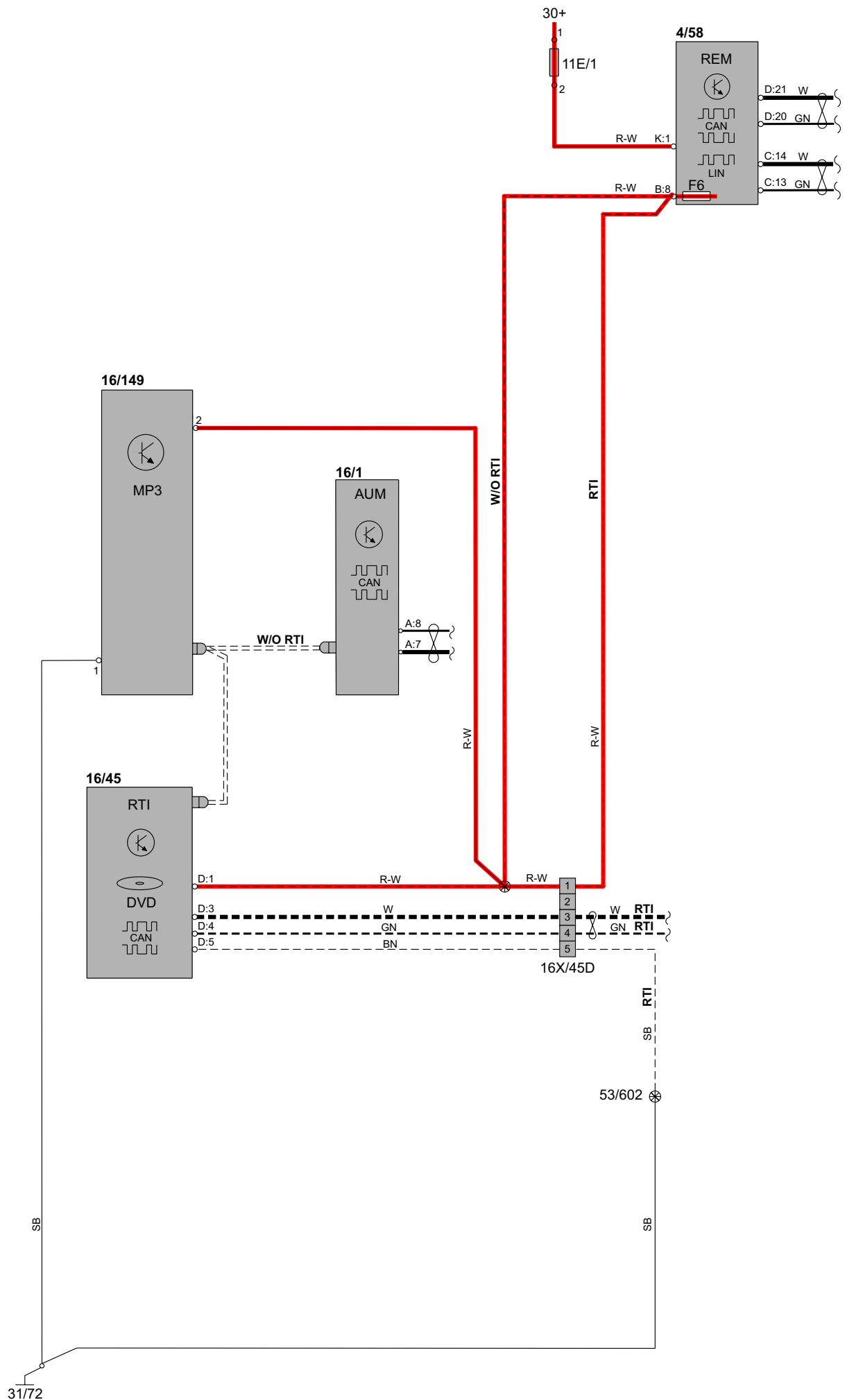
Group 39 Other, Accessories

RTI & CD changer V70



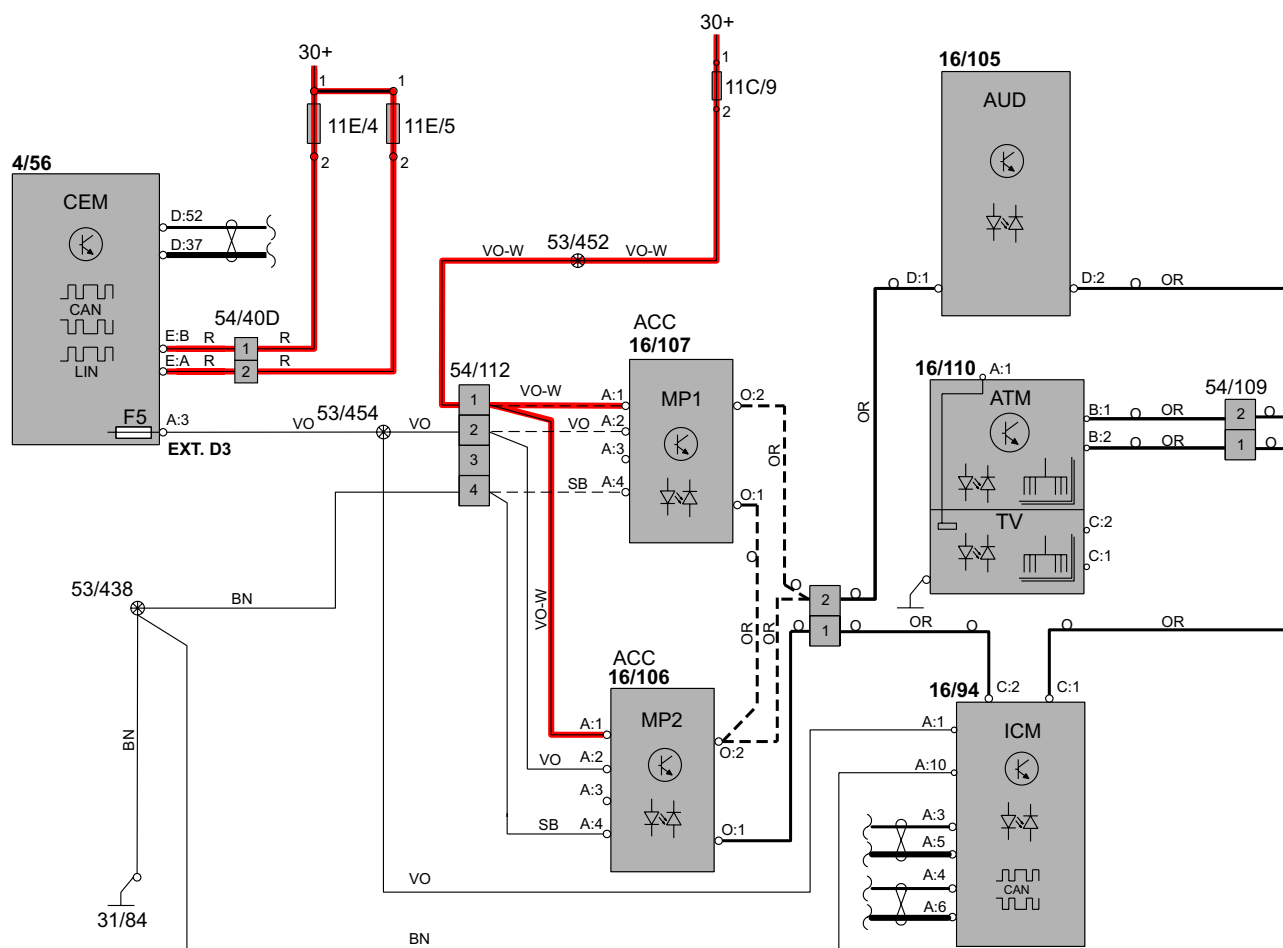
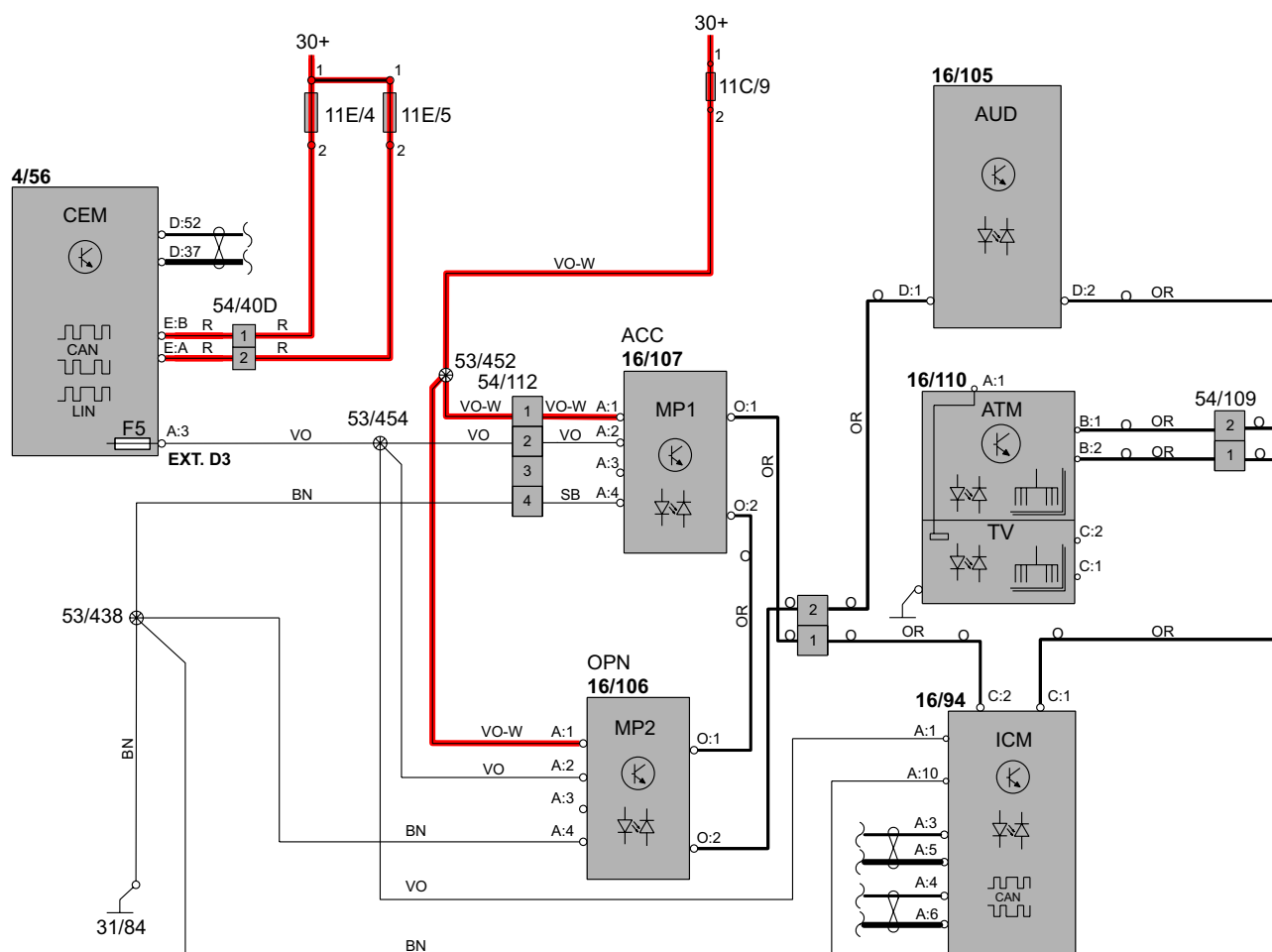
Group 39 Other, Accessories

MP3 player, V70

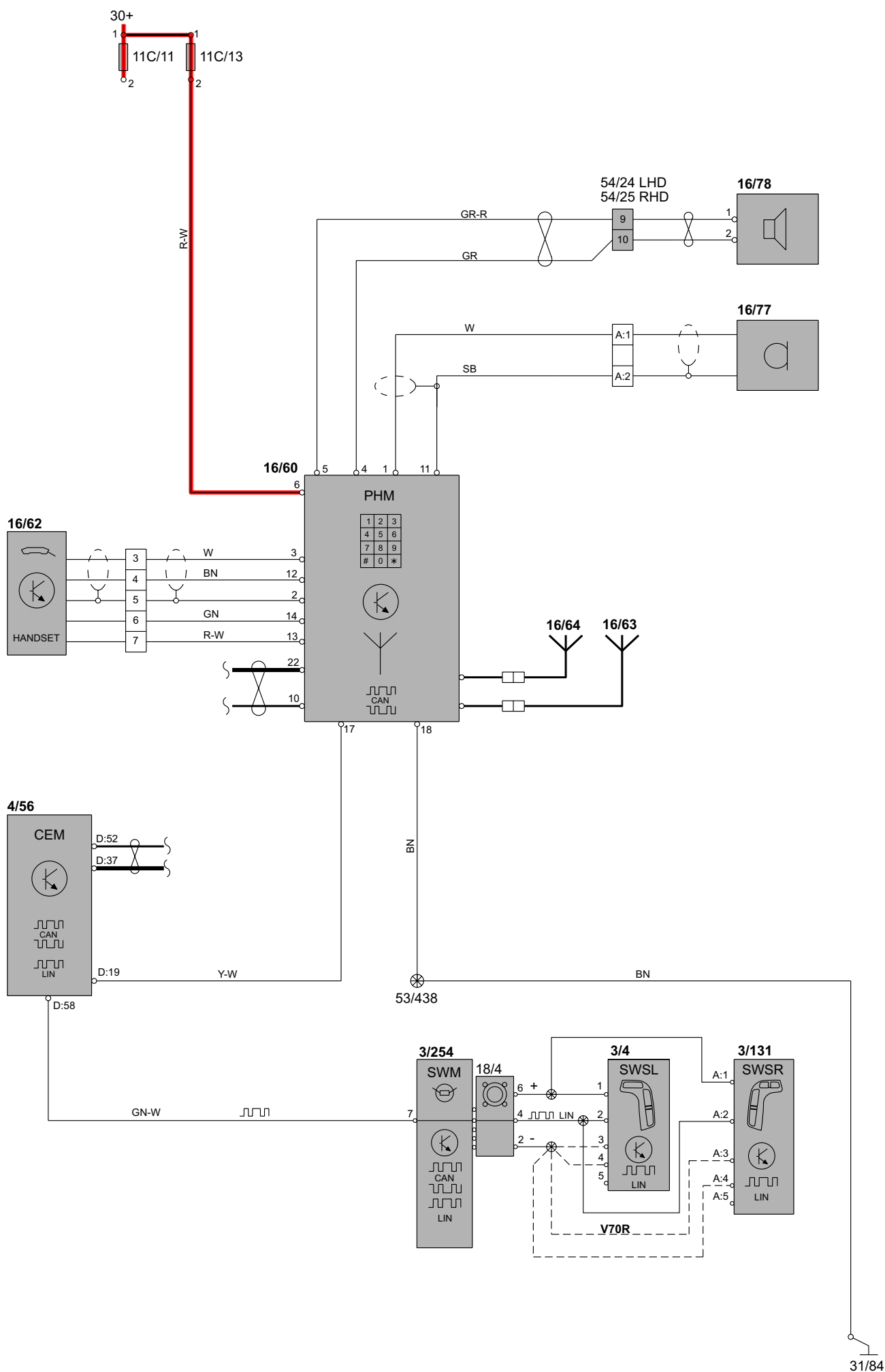


Group 39 Other, Accessories

CD/MD player XC90

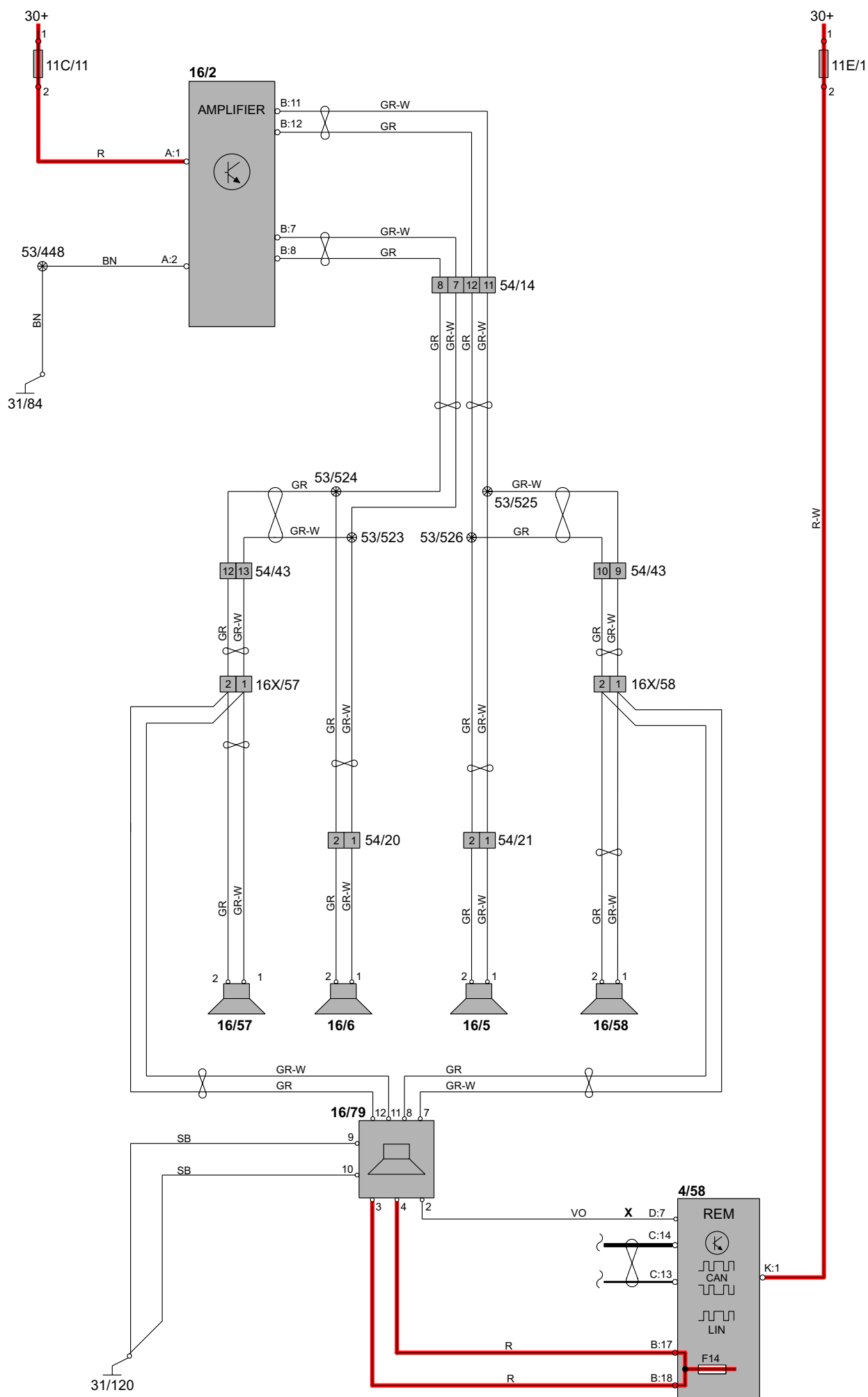


Group 39 Other Cellular phone V70



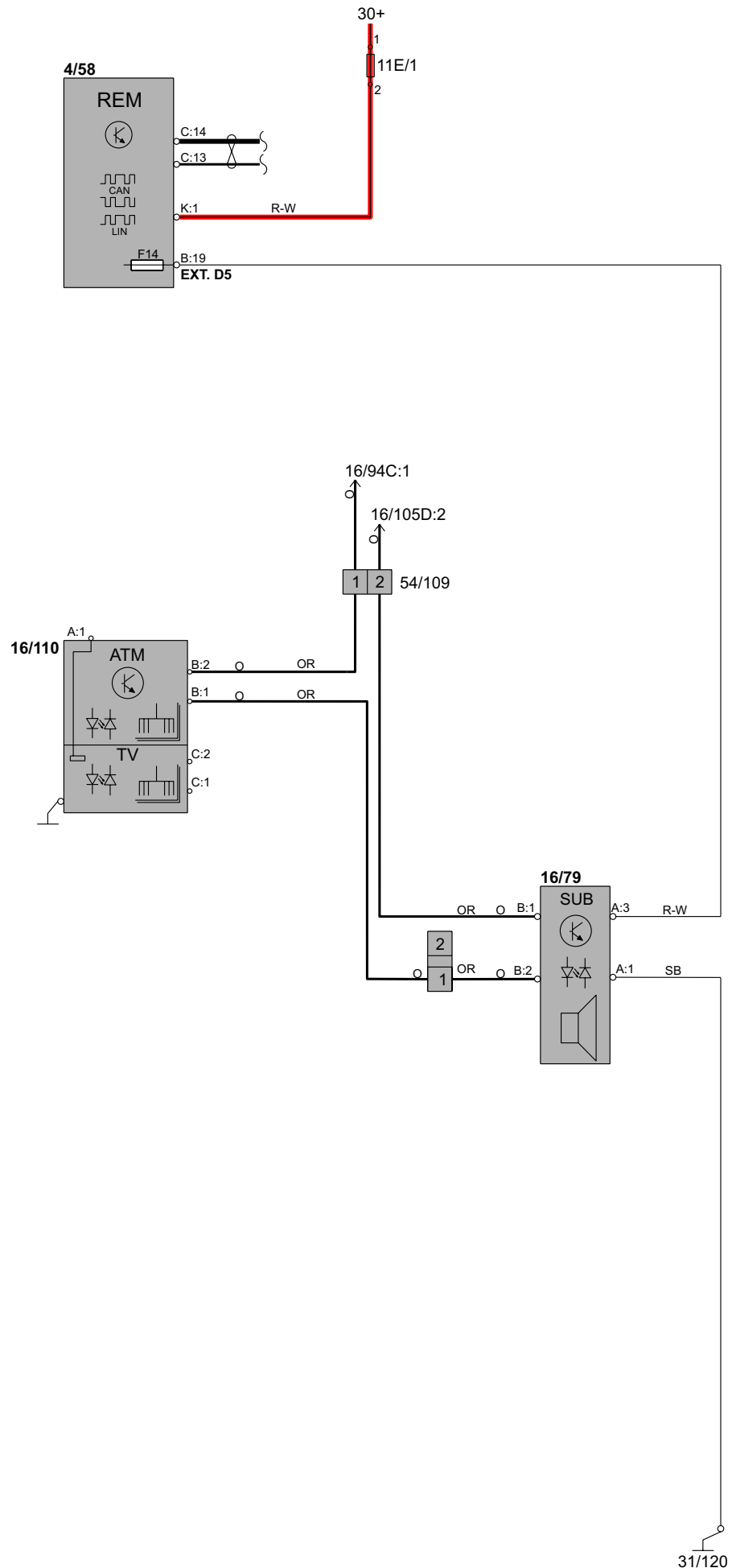
Group 39 Other, Accessories

Subwoofer V70

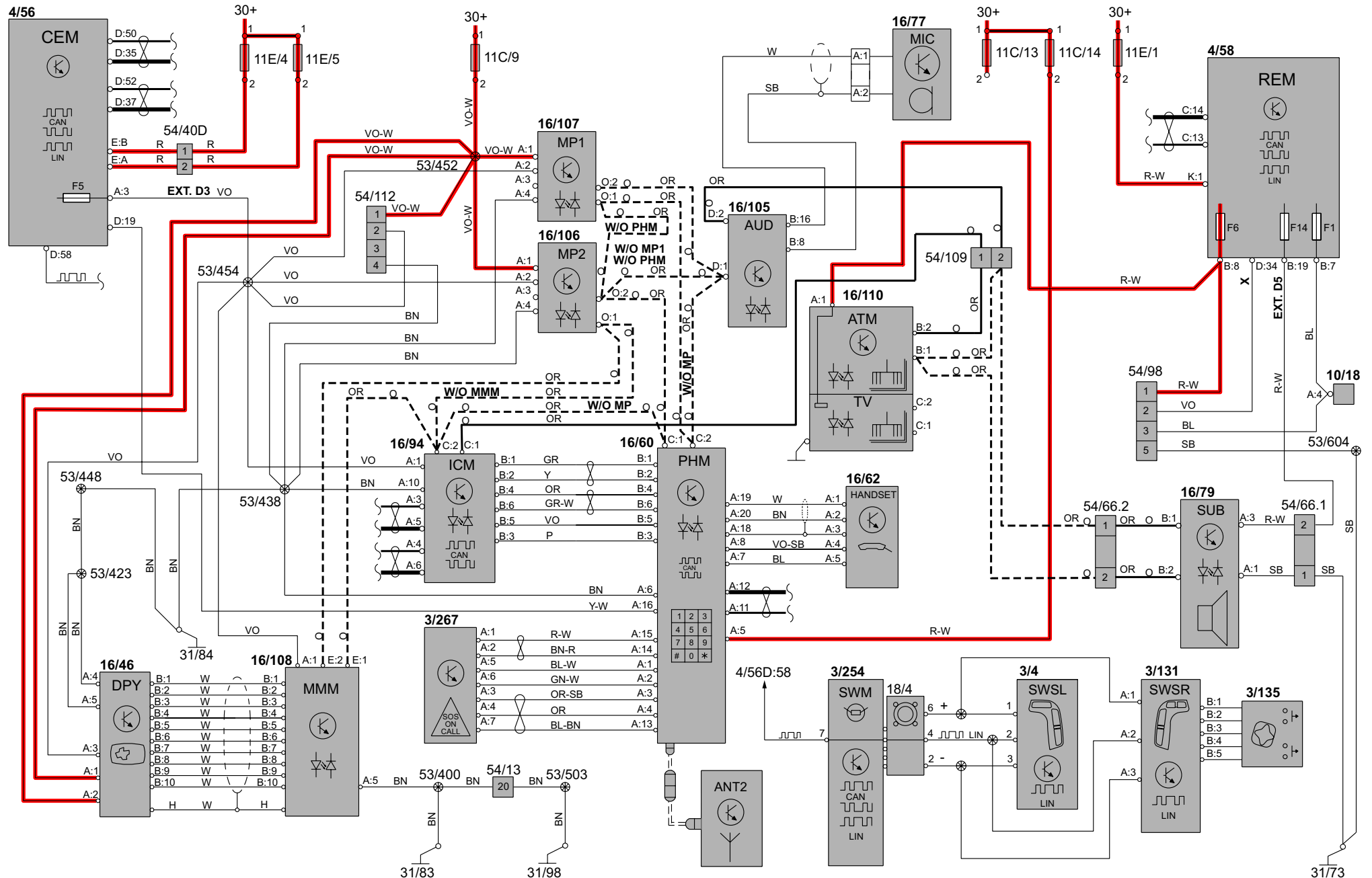


Group 39 Other, Accessories

Subwoofer XC90

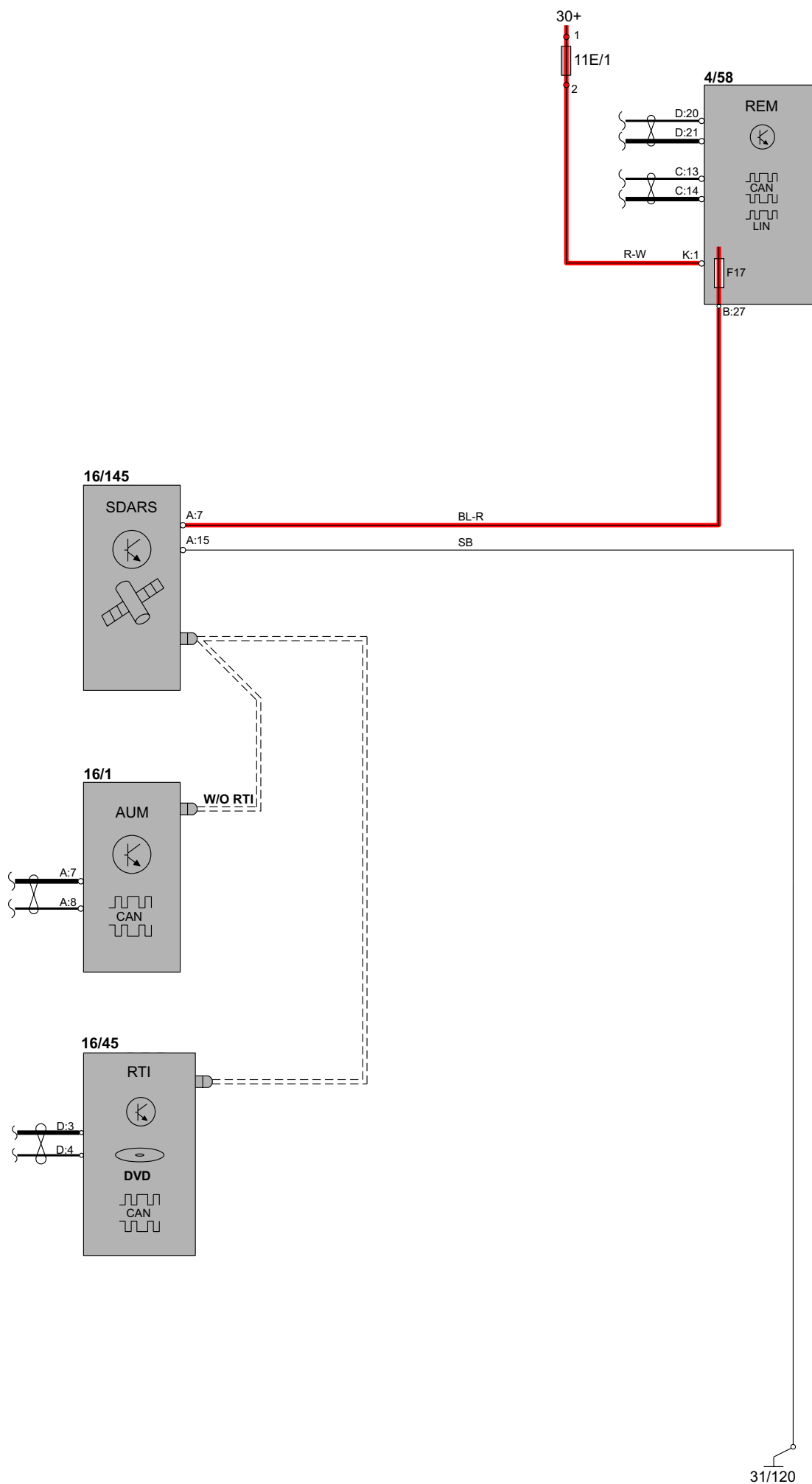


Group 39 Other Infotainment XC90



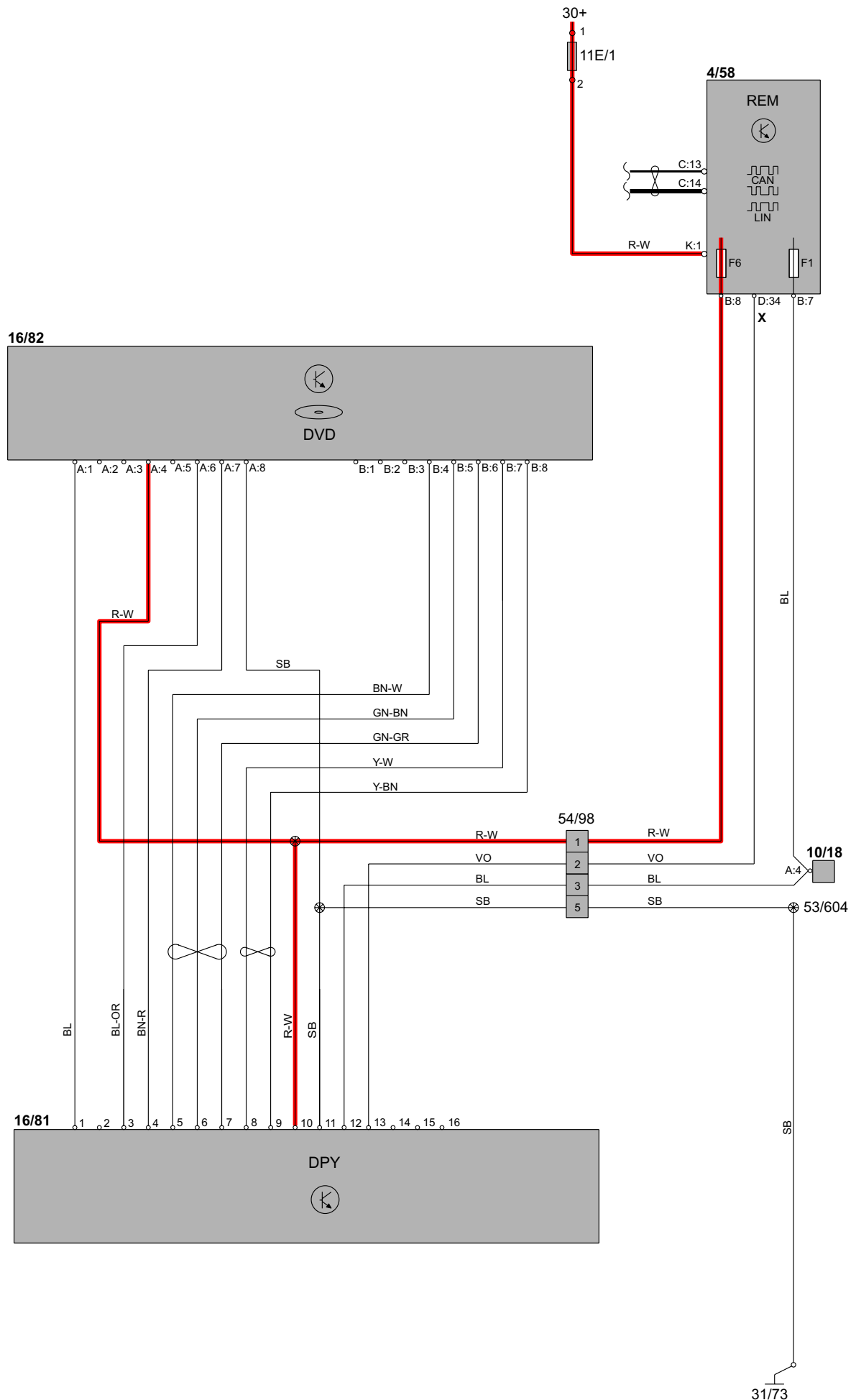
Group 39 Other, Accessories

Satellite radio V70

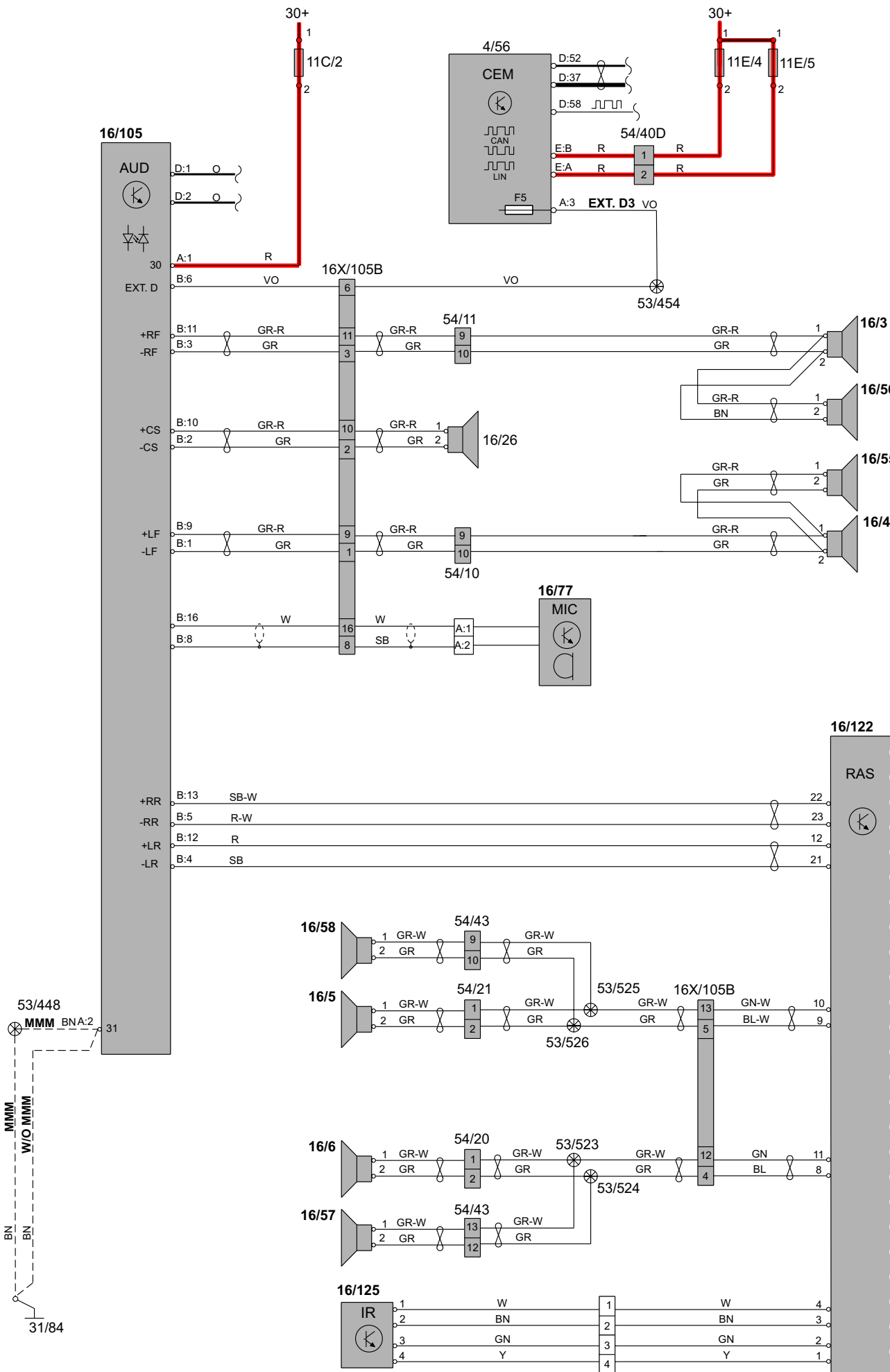


Group 39 Other, Accessories

Rear Seat Entertainment XC90

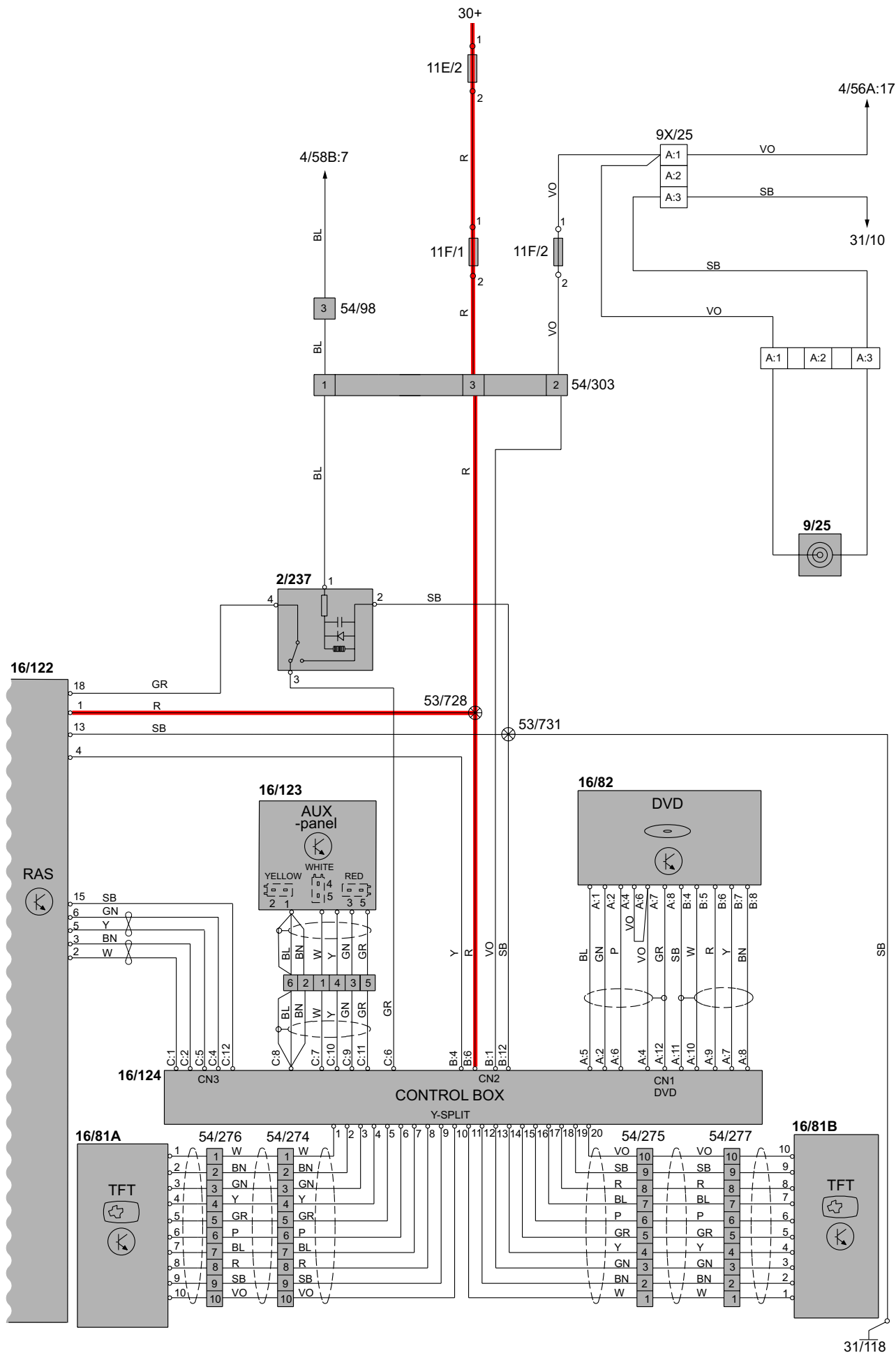


Rear Seat Entertainment XC90 1:2



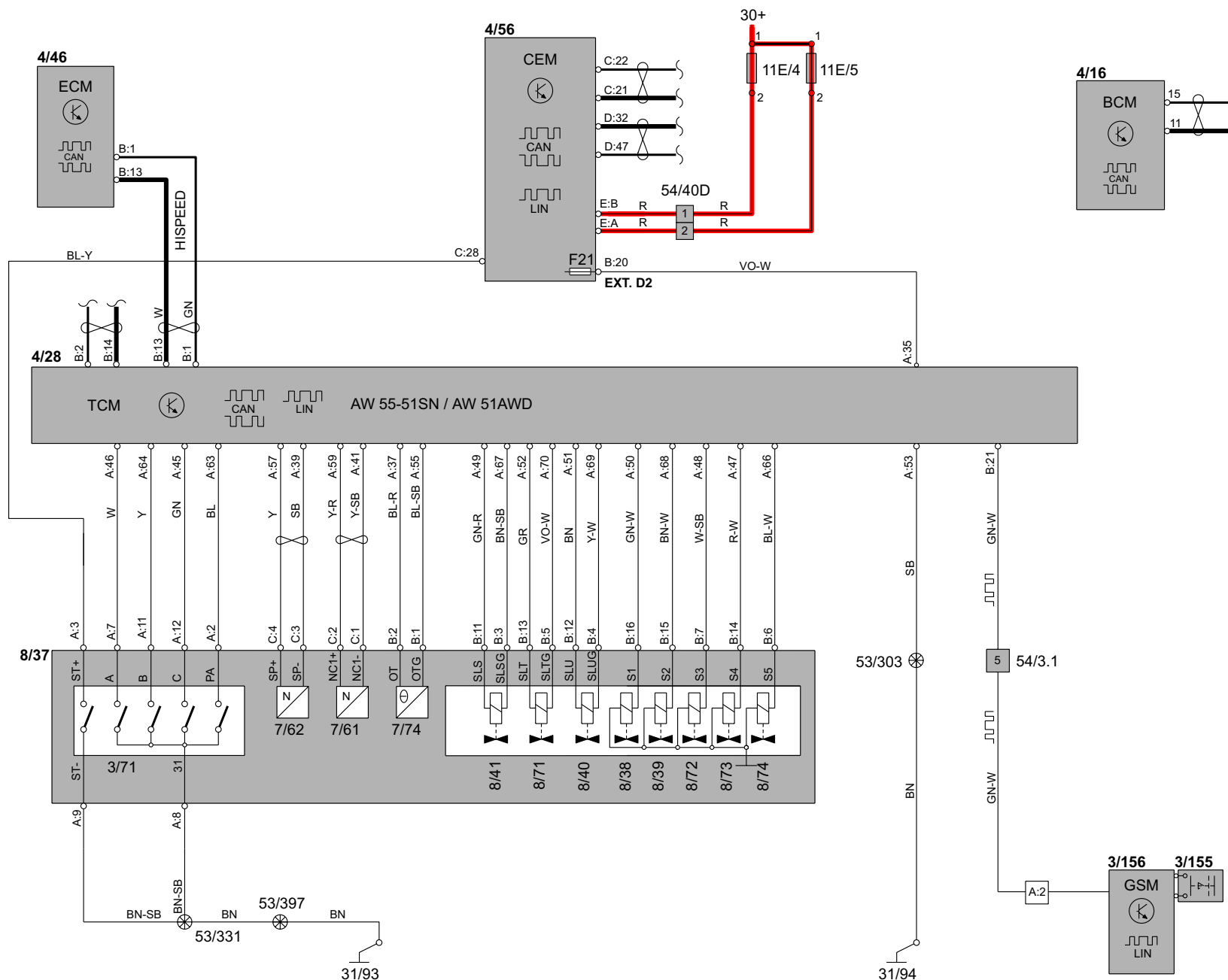
Group 39 Other

Rear Seat Entertainment XC90 2:2



Group 43 Transmission

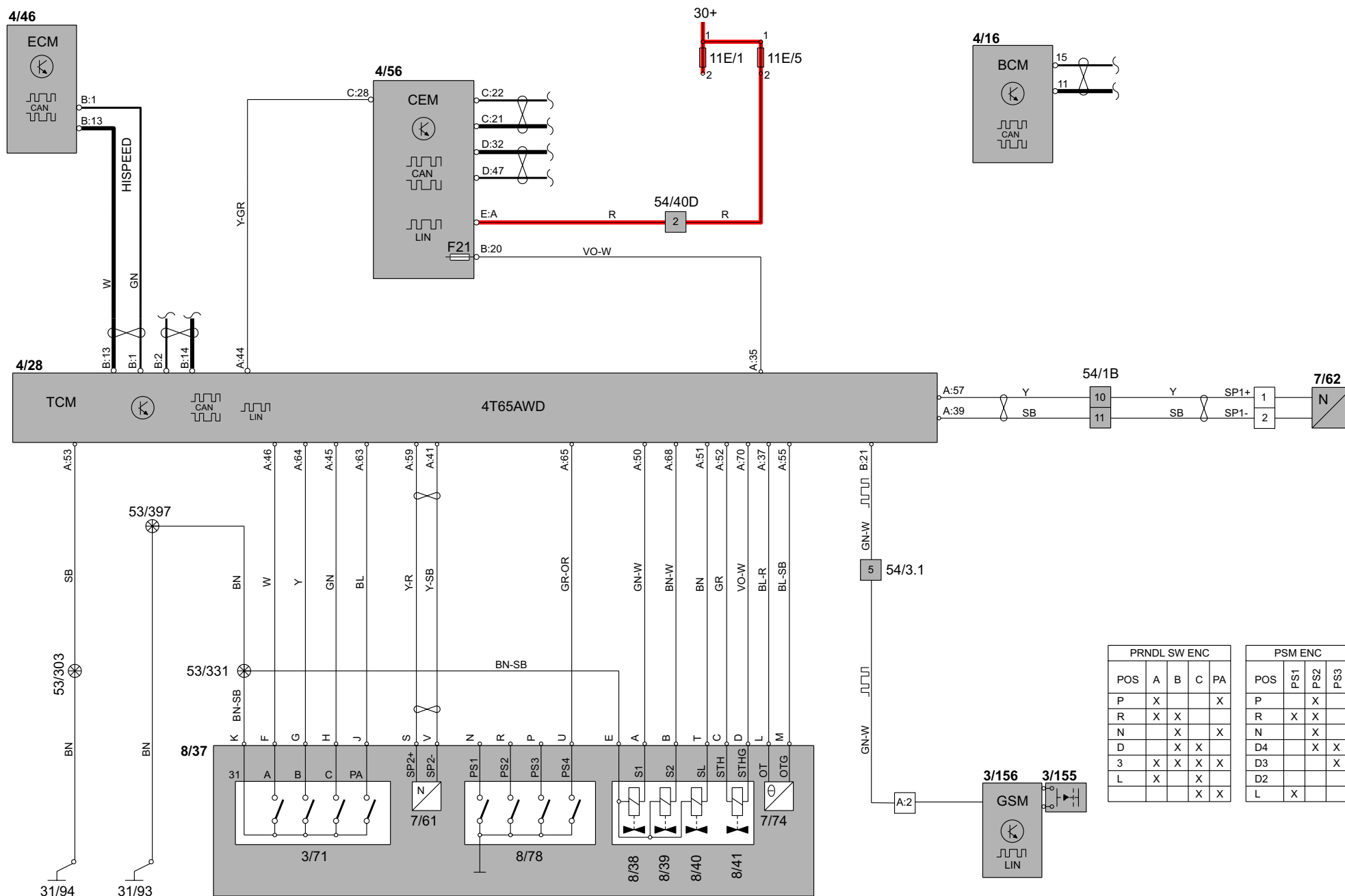
Automatic transmission AW55-50/51SN/AW50/51AWD



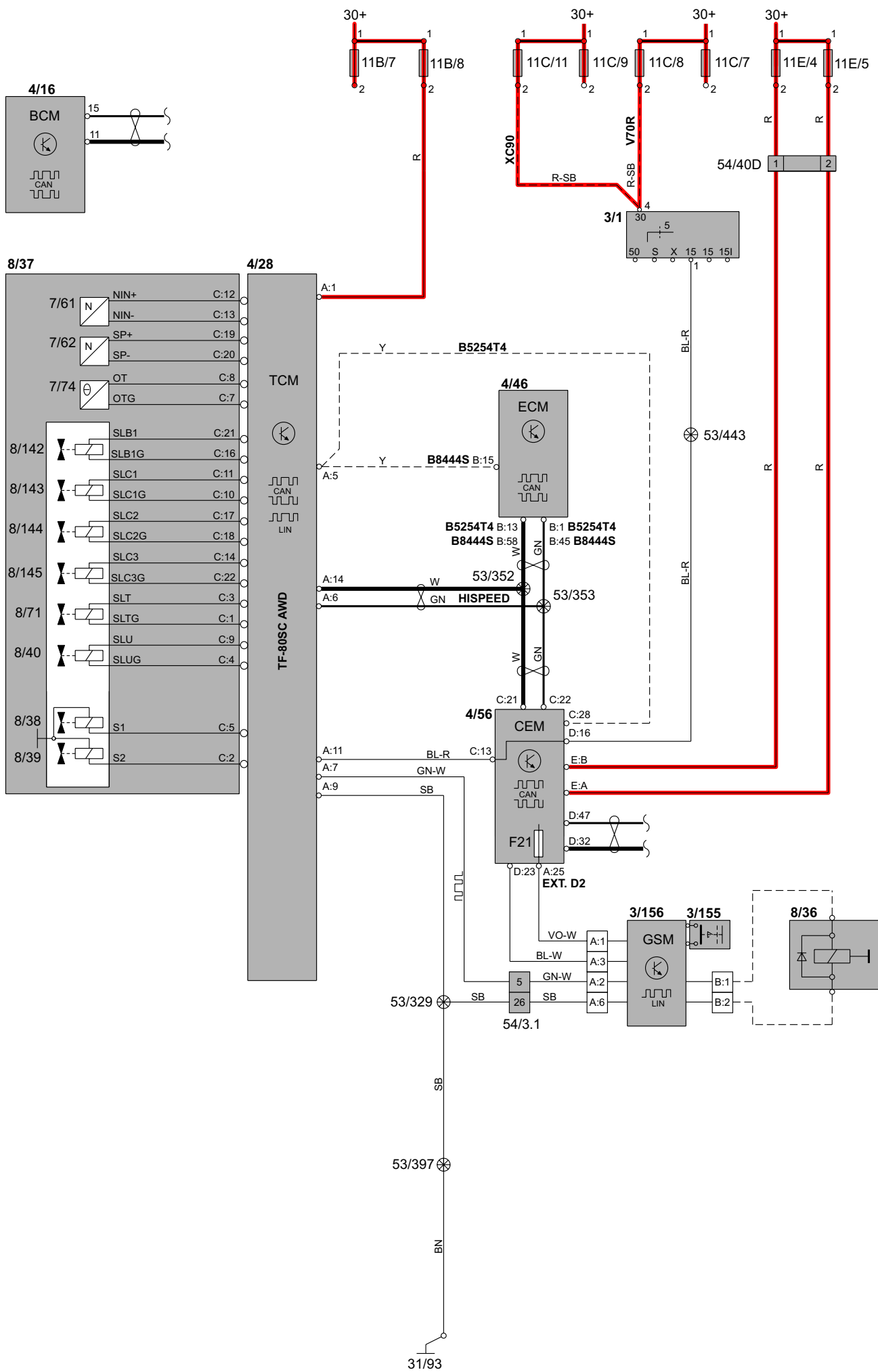
PRNDL SW ENC				
POS	A	B	C	PA
P	X			X
R	X	X		
N		X		X
D		X	X	
4	X	X	X	X
3	X		X	
L			X	X

Group 43 Transmission

Automatic transmission 4T65AWD XC90



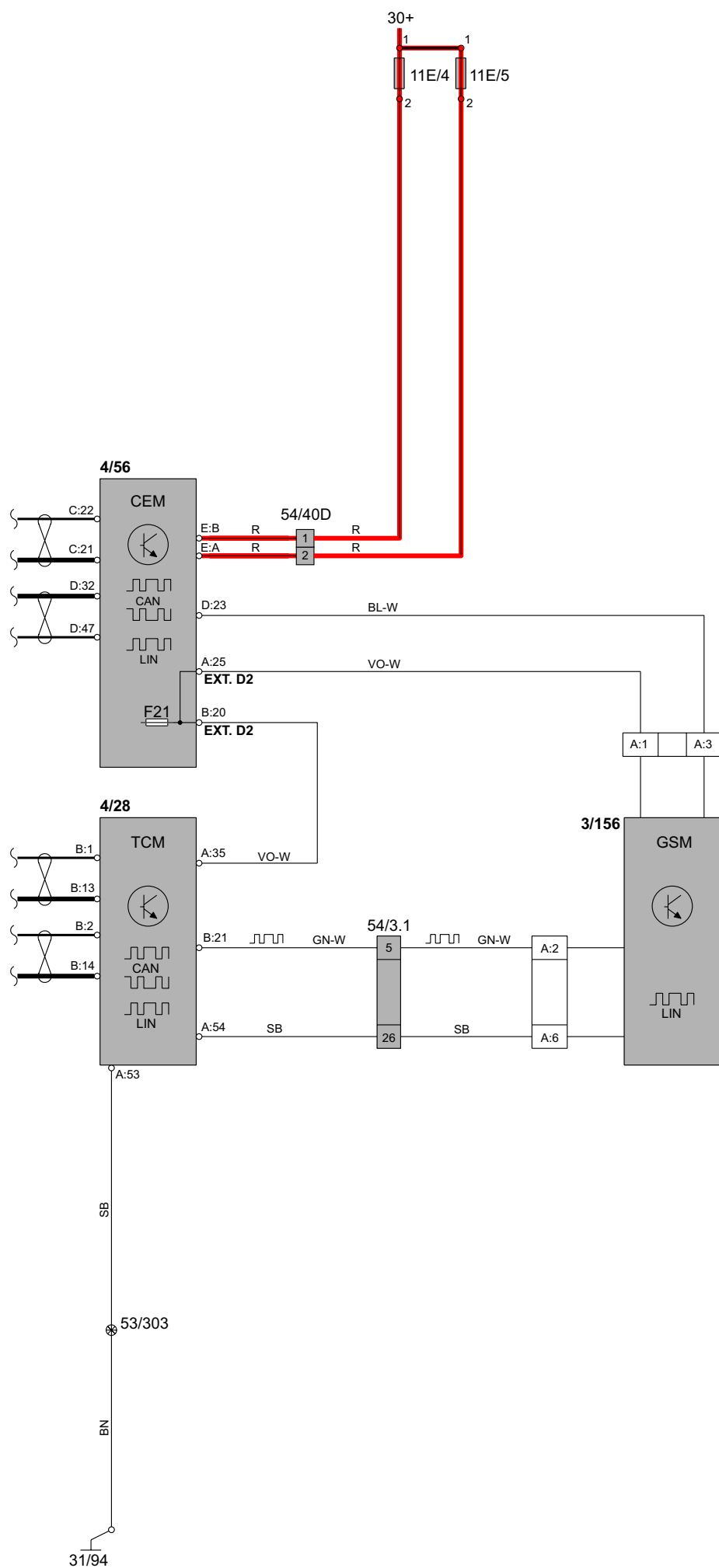
Automatic transmission TF-80SC AWD



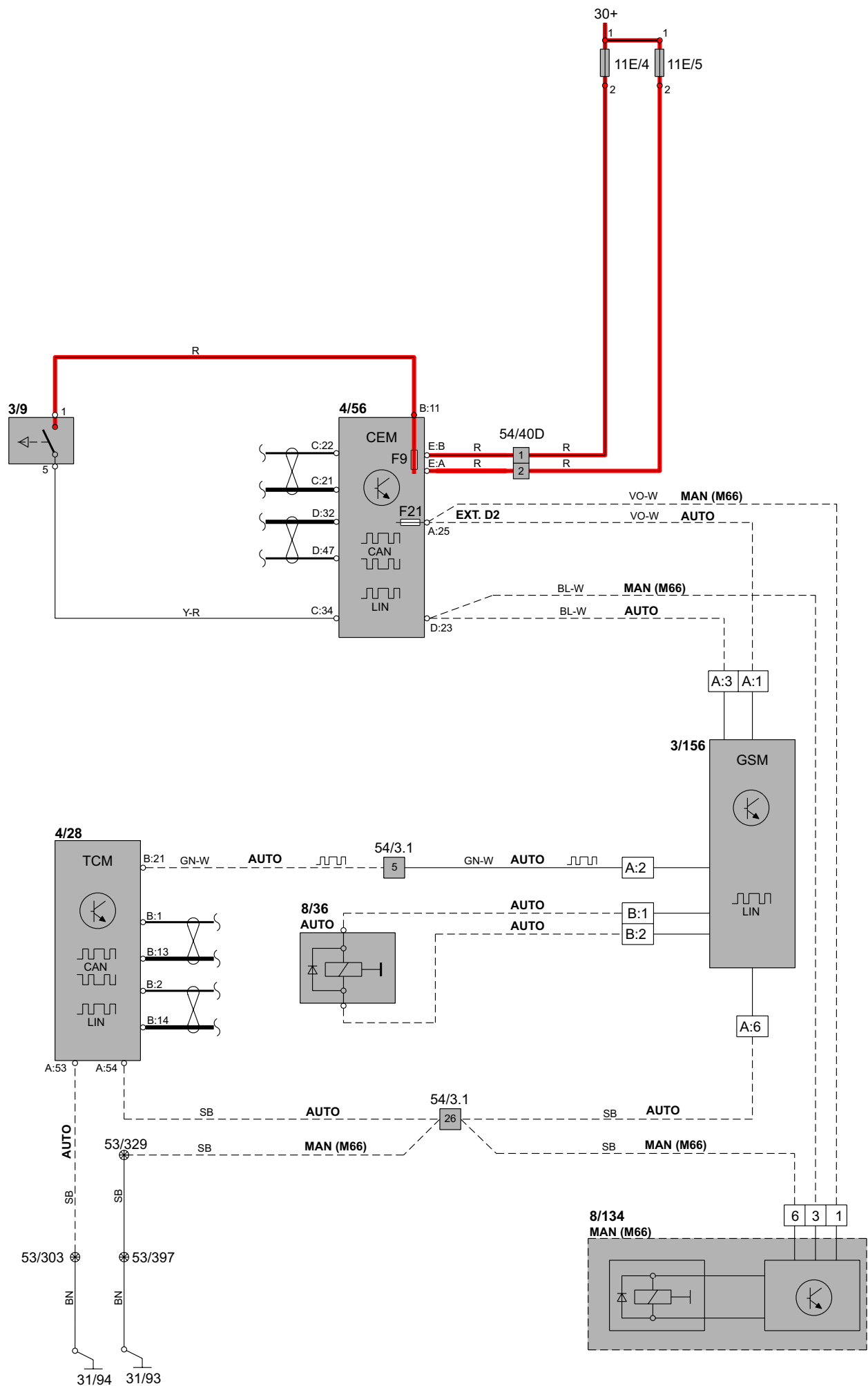
Automatic transmission TF-80SC / TF-80SC AWD, I5D



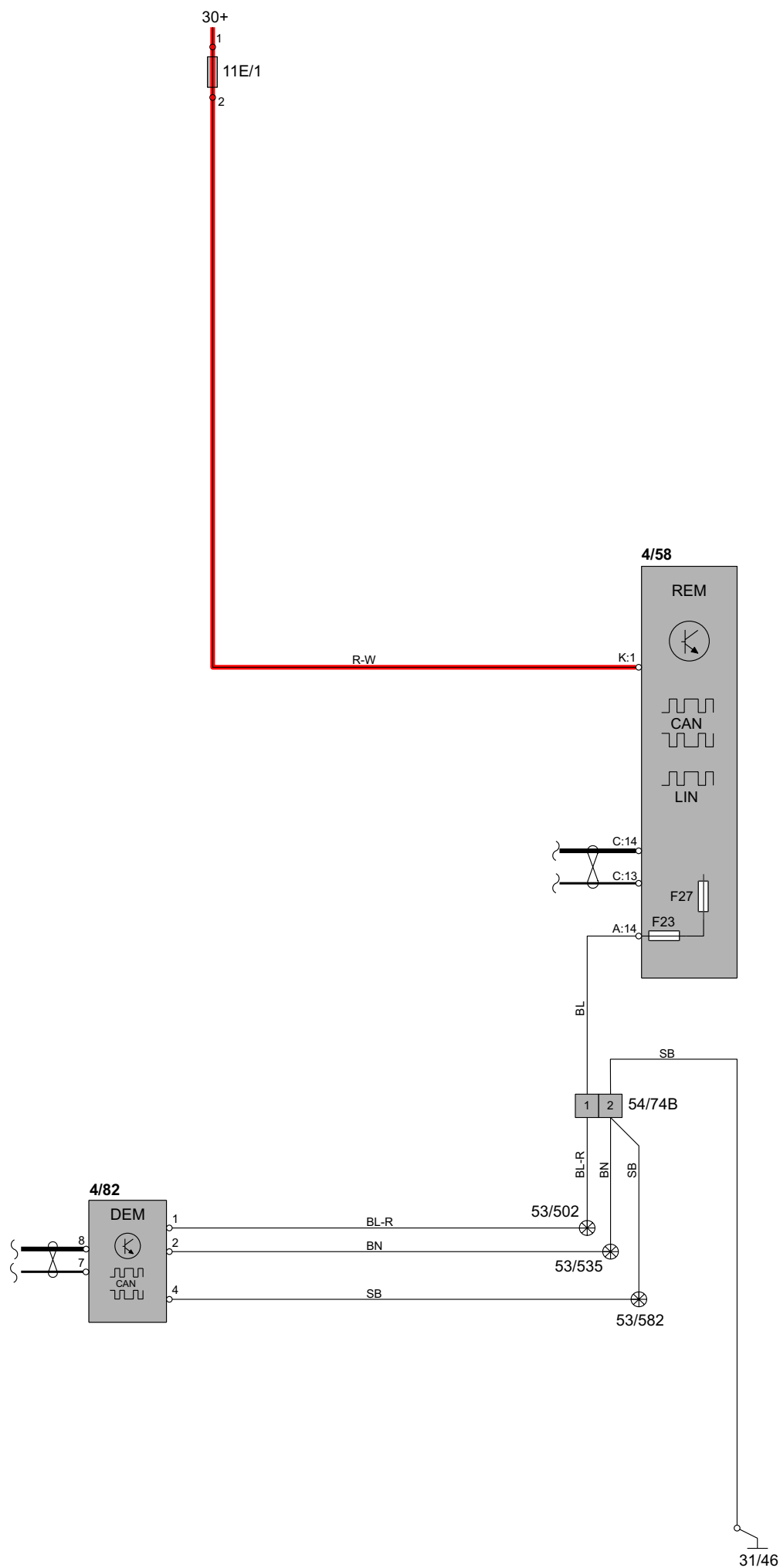
Group 43 Transmission Geartronic



Group 43 Transmission Shift lock

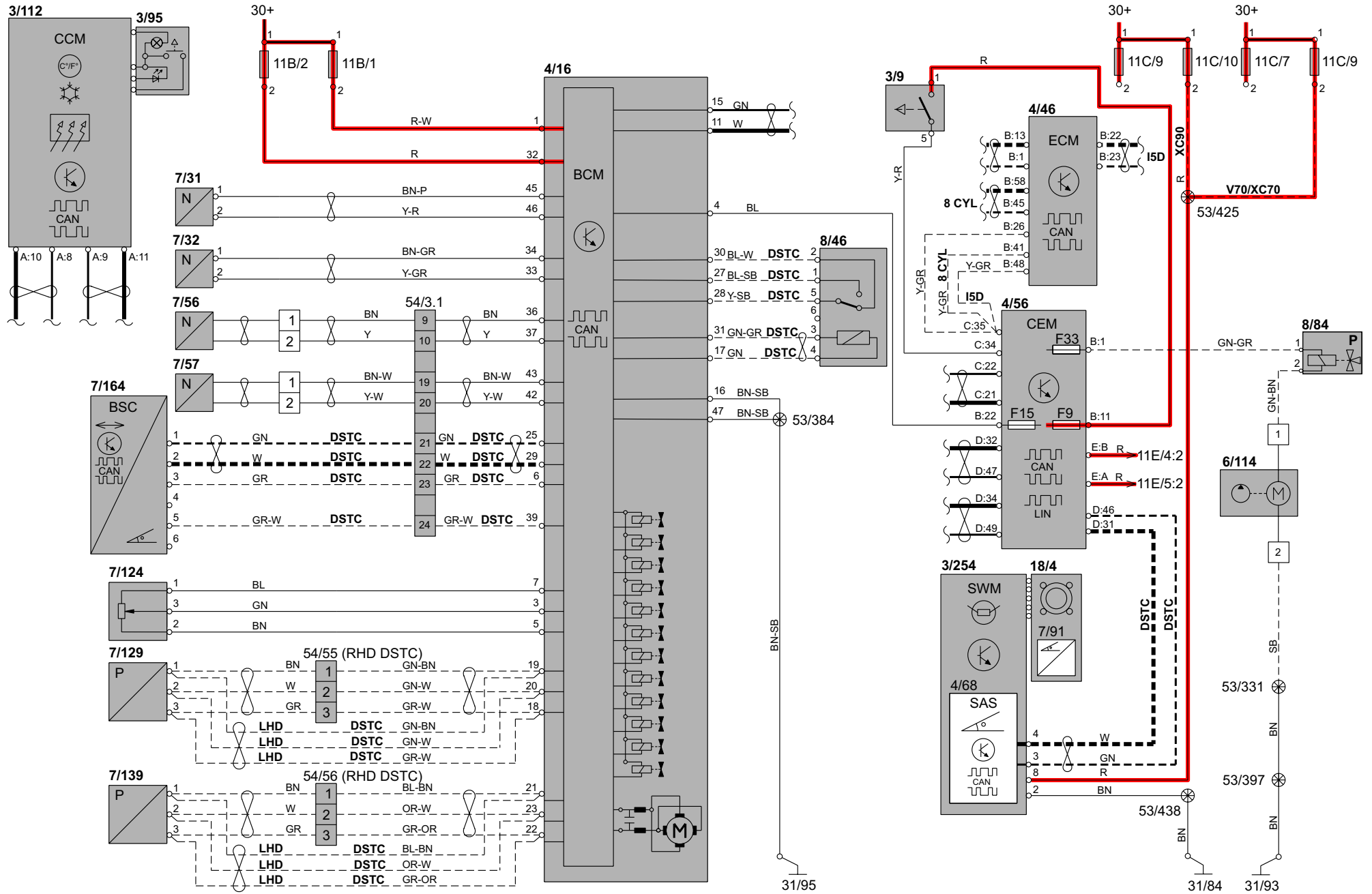


Group 43 Transmission
Differential Electronic Module (DEM)



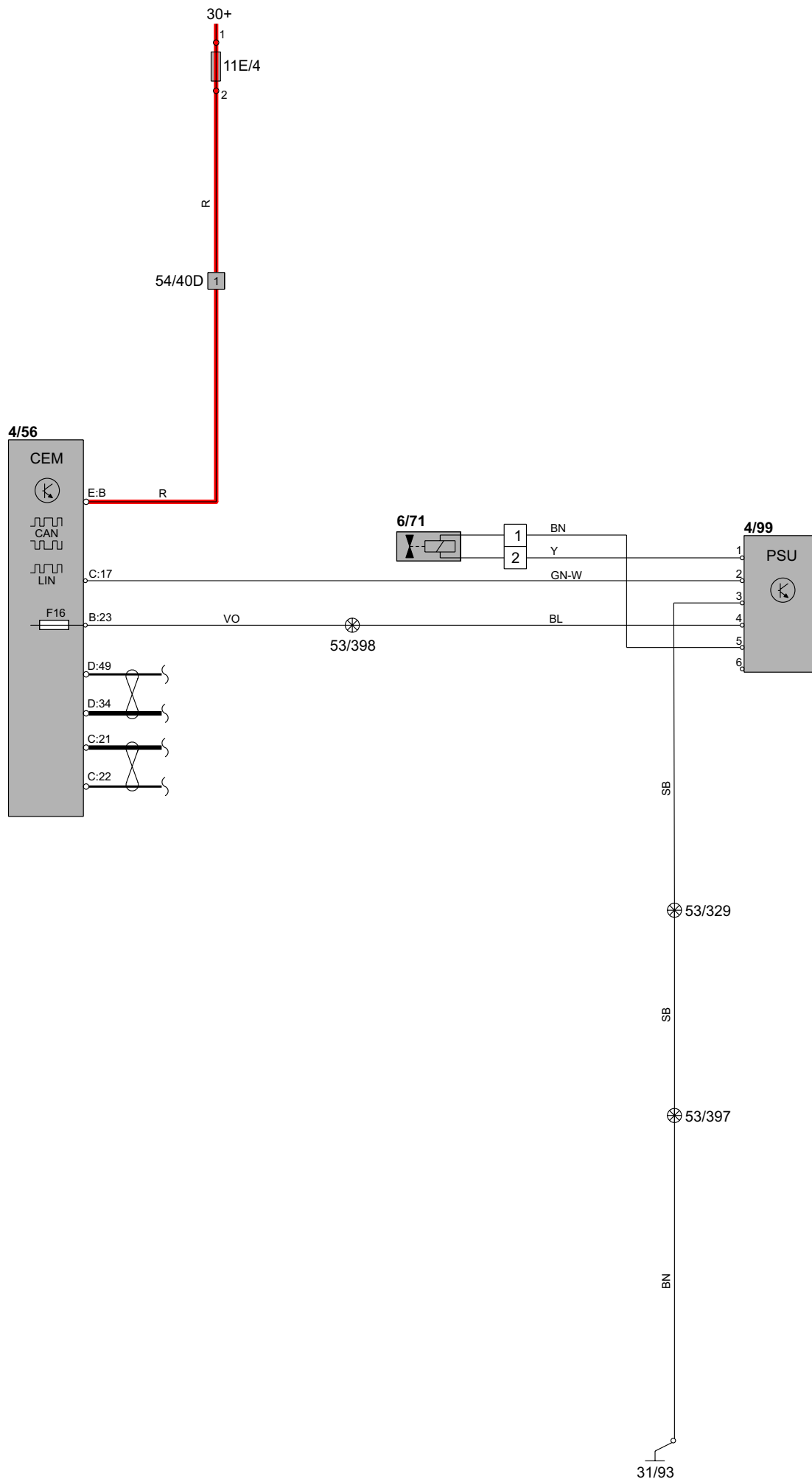
Group 59 Brake system

Brake control system



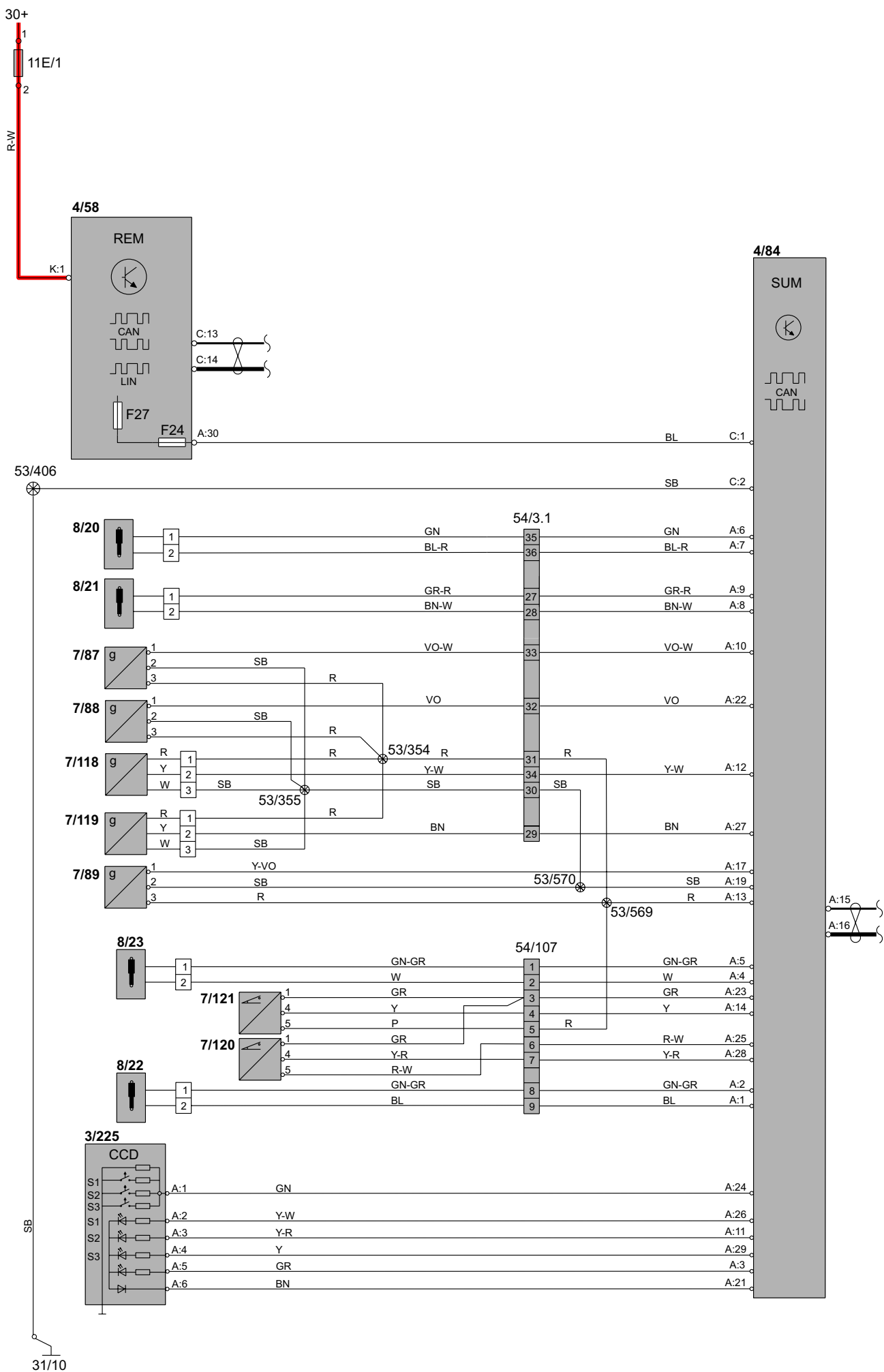
Group 64 Steering

Electronic power steering



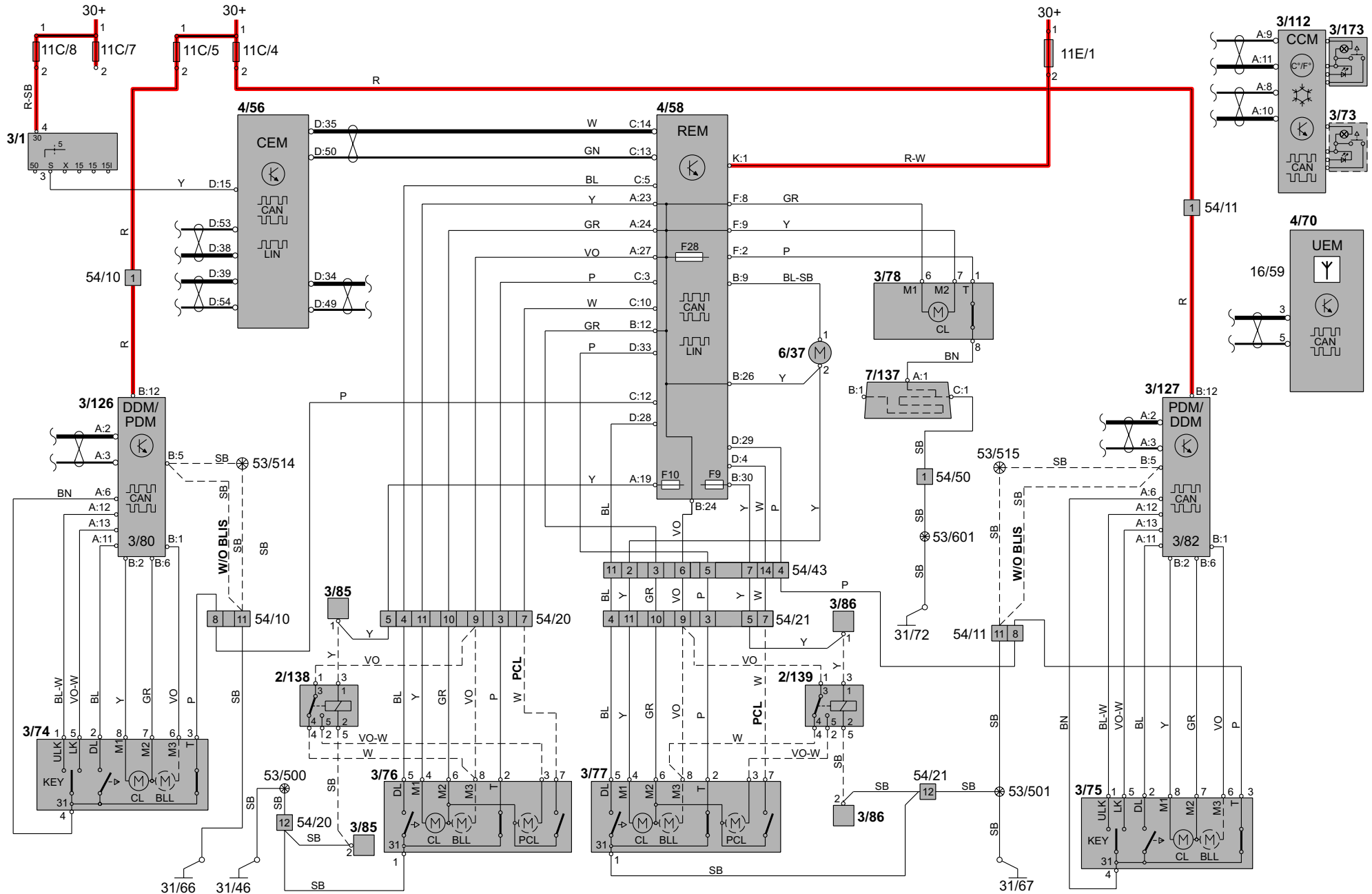
Group 76 Shock absorbers

Four-C V70



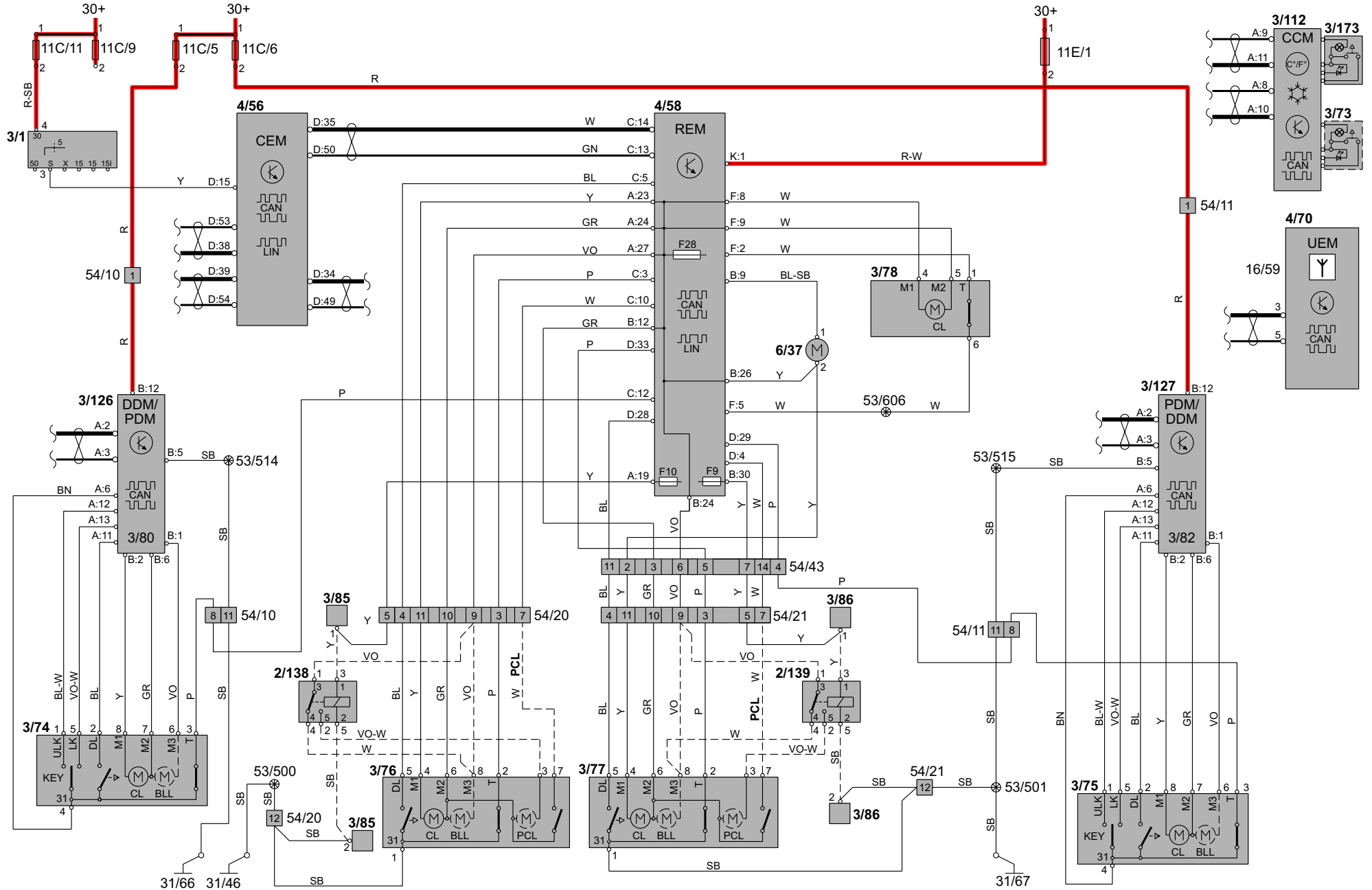
Group 83 Doors and openings

Central locking system V70



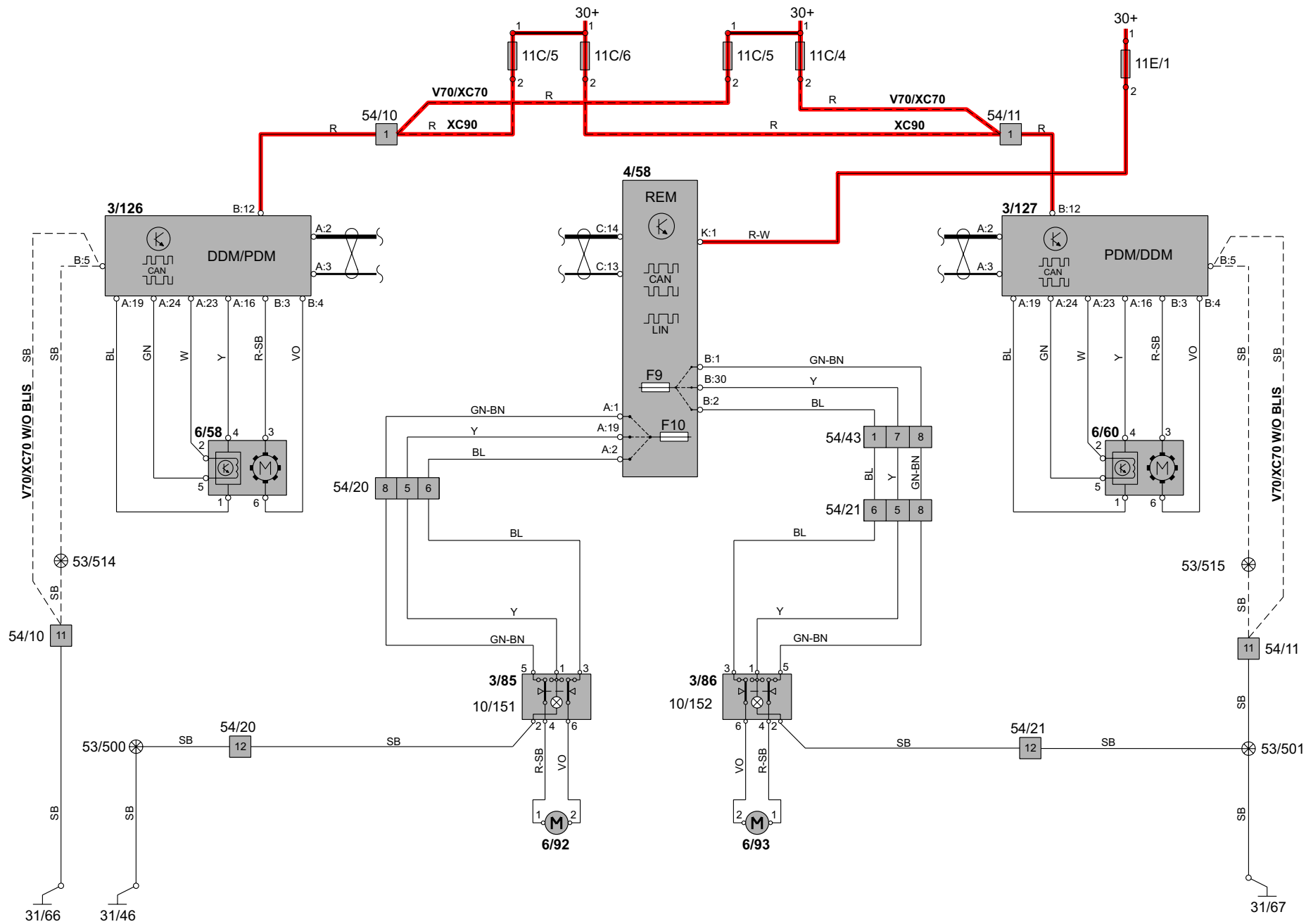
Group 83 Doors and openings

Central locking system XC90



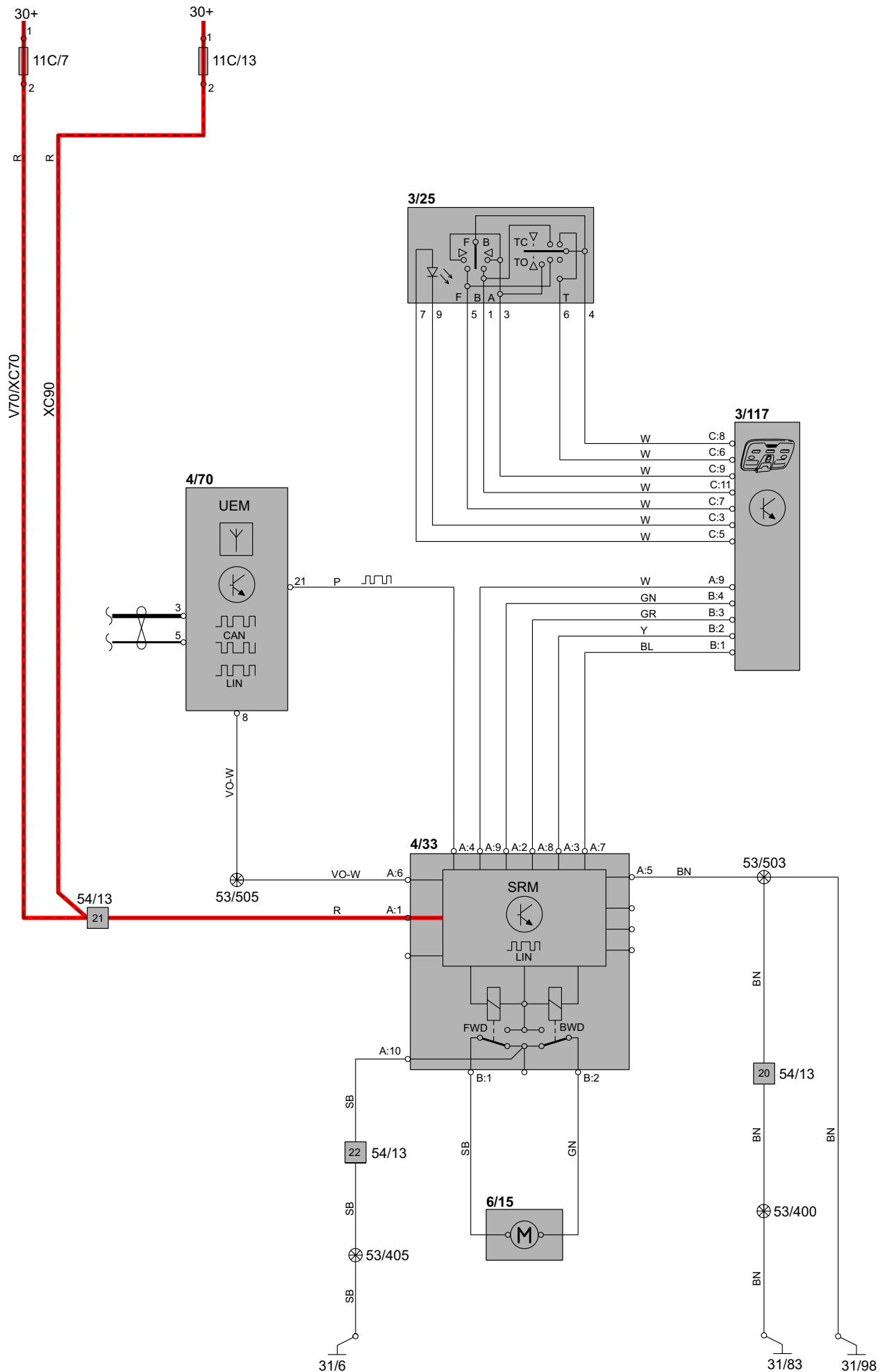
Group 83 Doors and openings

Power windows

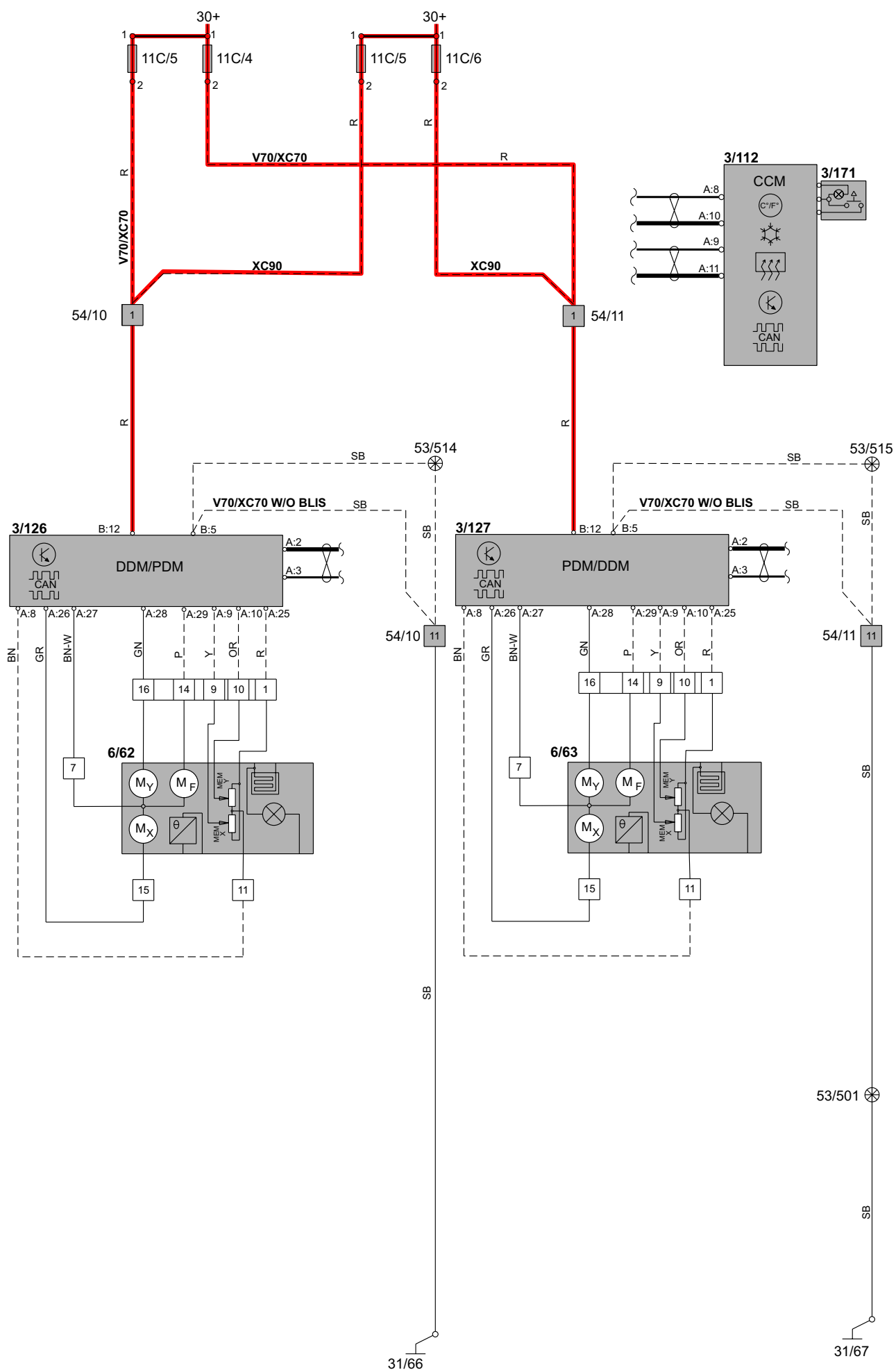


Group 83 Doors and openings

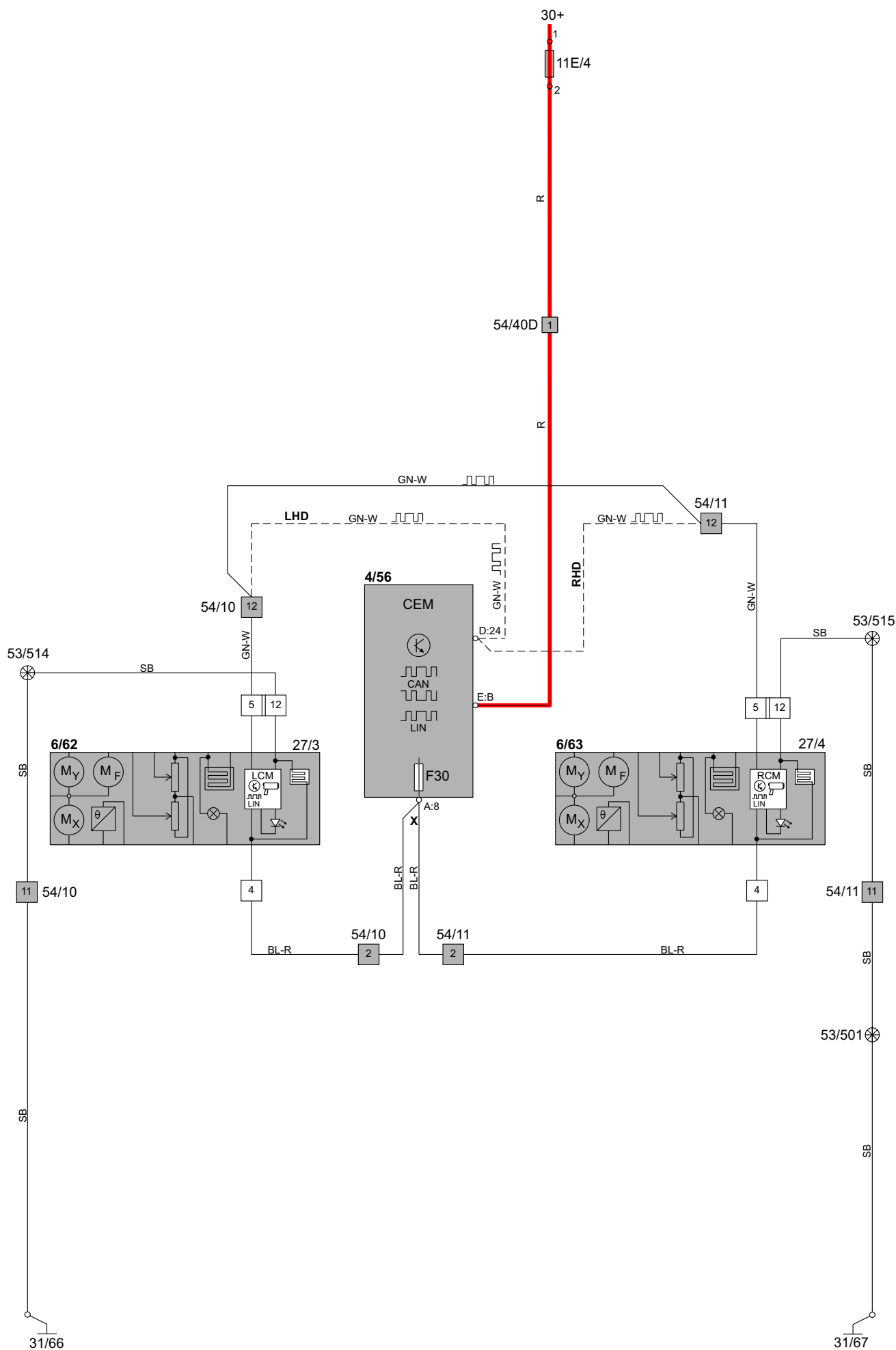
Power sunroof



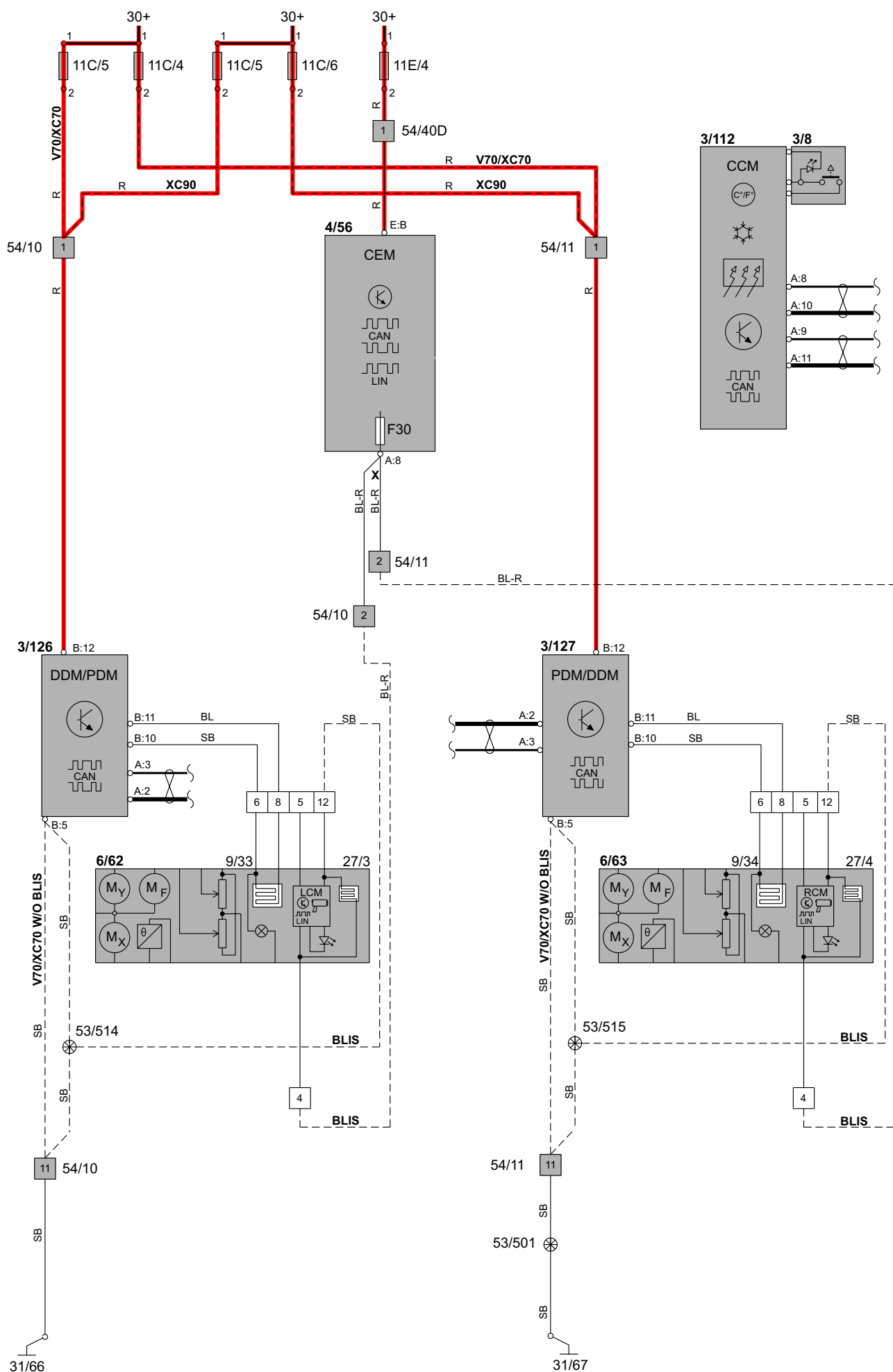
Group 84 Exterior decorative elements, etc.
Power exterior rearview mirrors



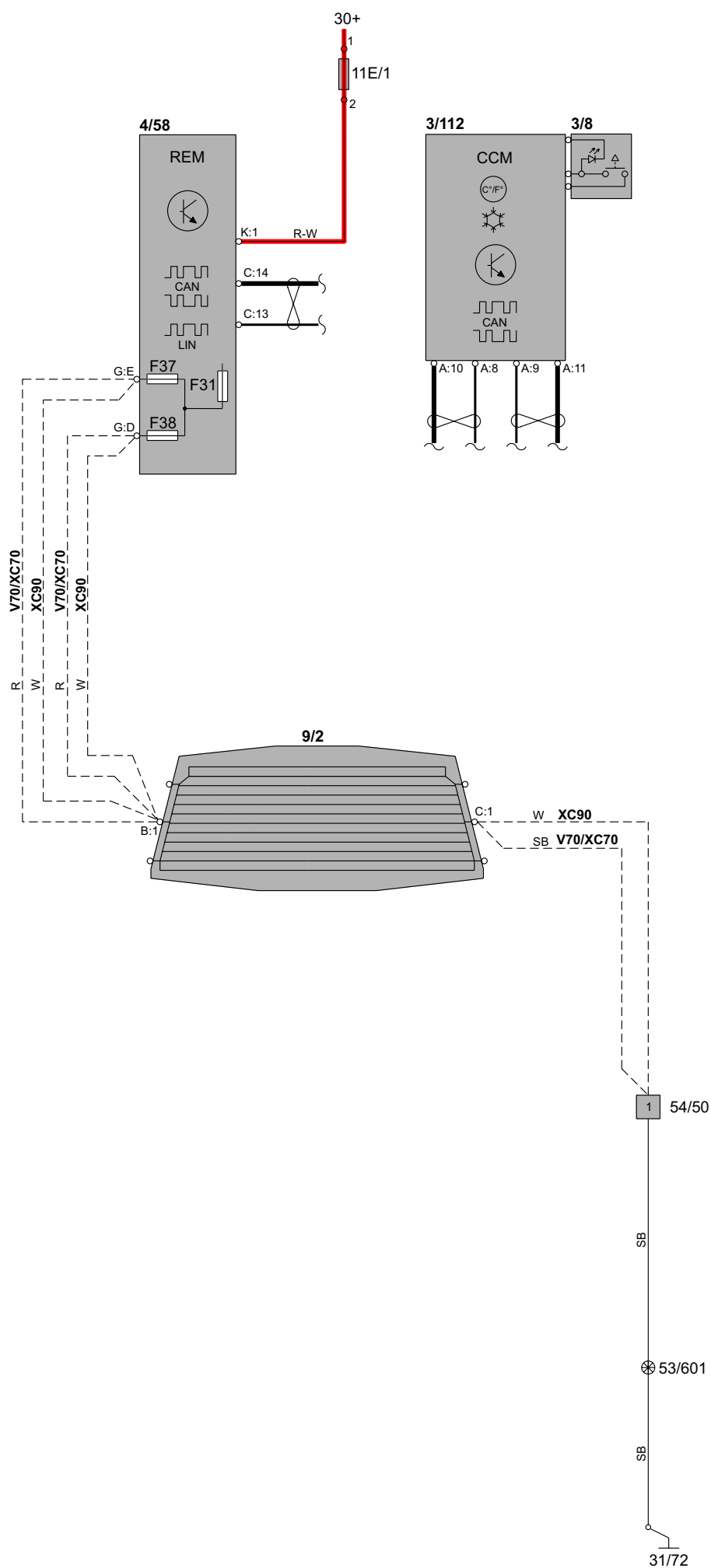
Group 84 Exterior decorative elements, etc. Heated exterior rearview mirrors with camera function



Group 84 Exterior decorative elements, etc.
Heated exterior rearview mirrors

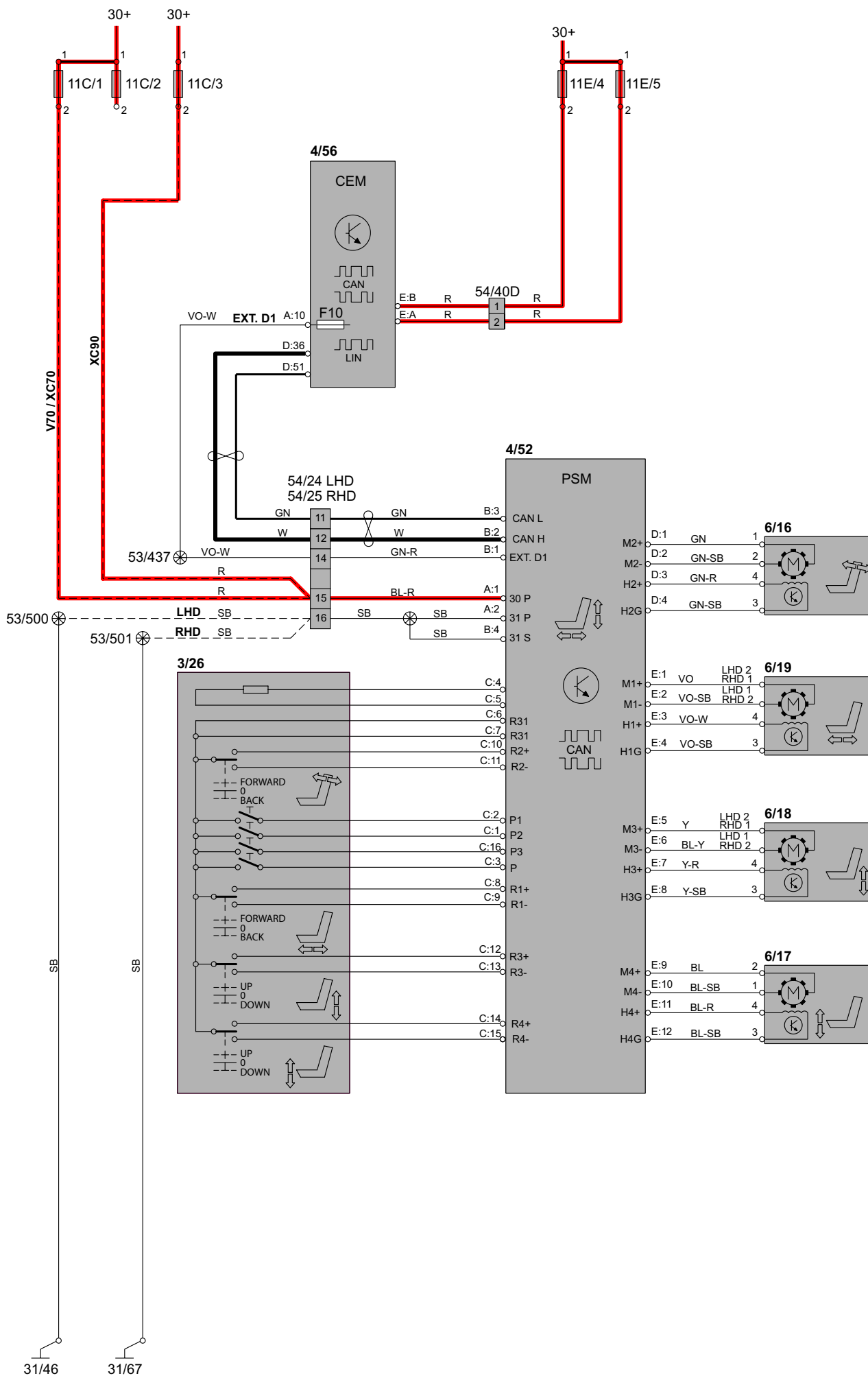


Group 84 Exterior decorative elements, etc. Heated rear window



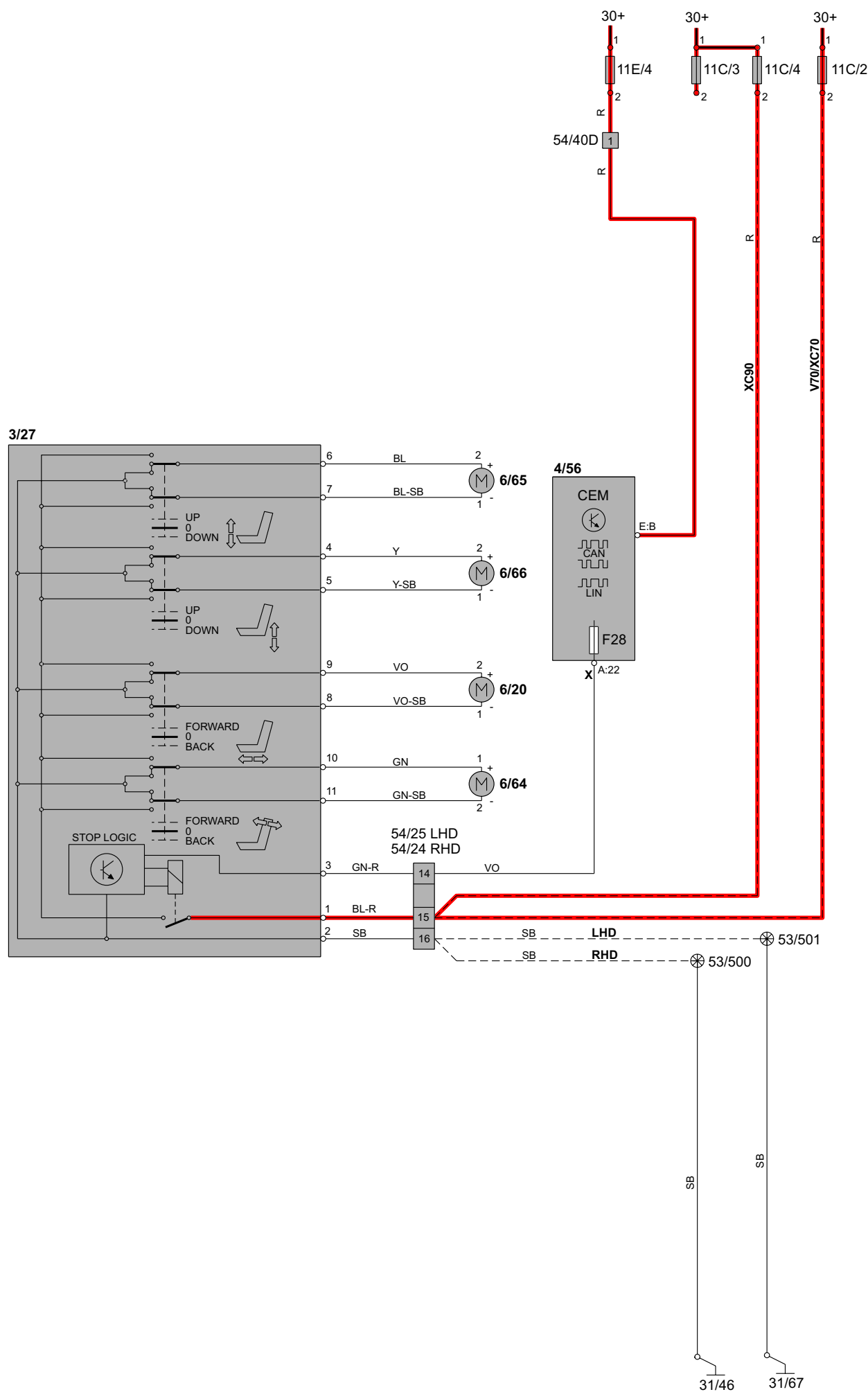
Group 85 Interior equipment

Power driver's seat



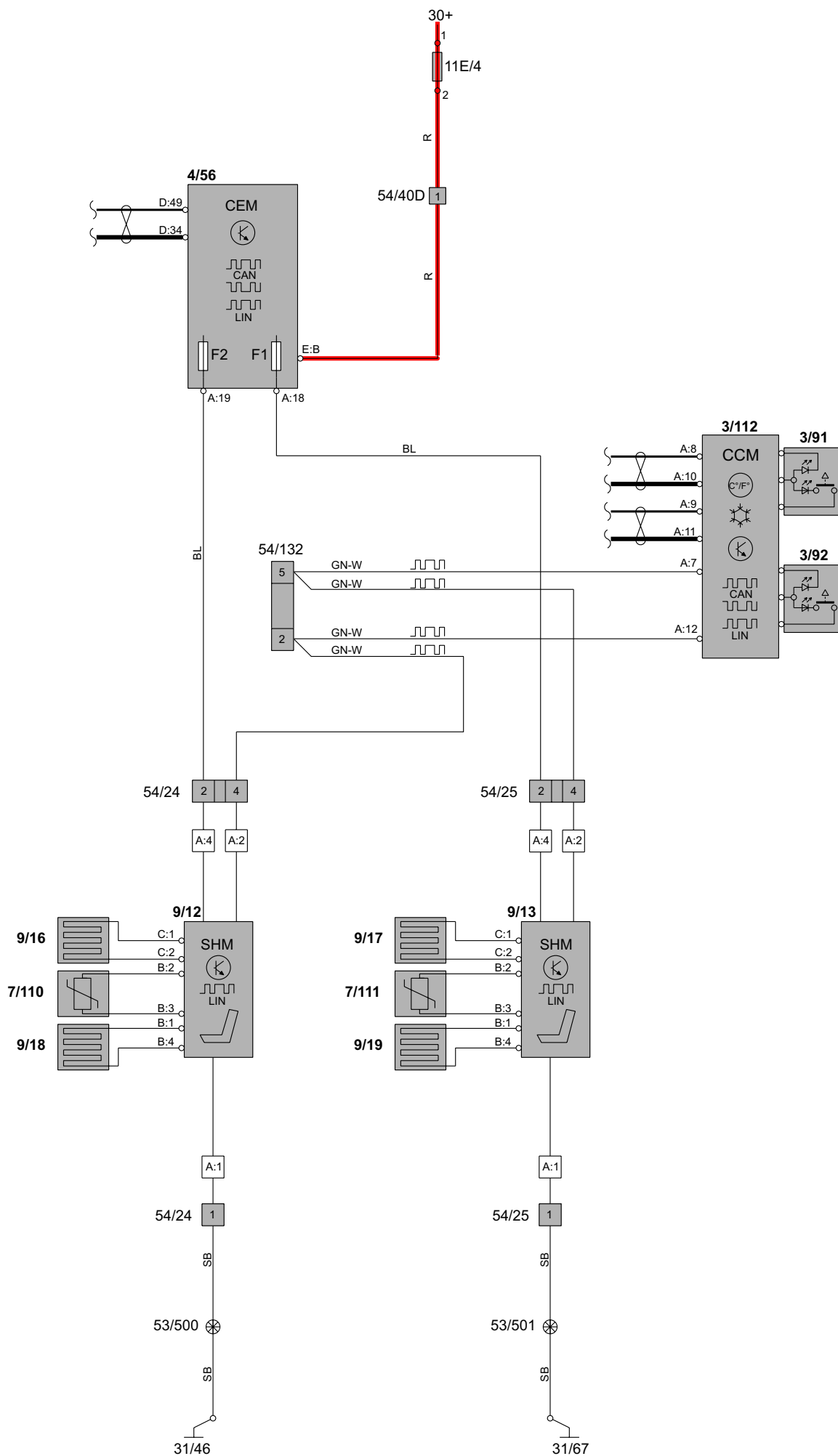
Group 85 Interior equipment

Power passenger seat



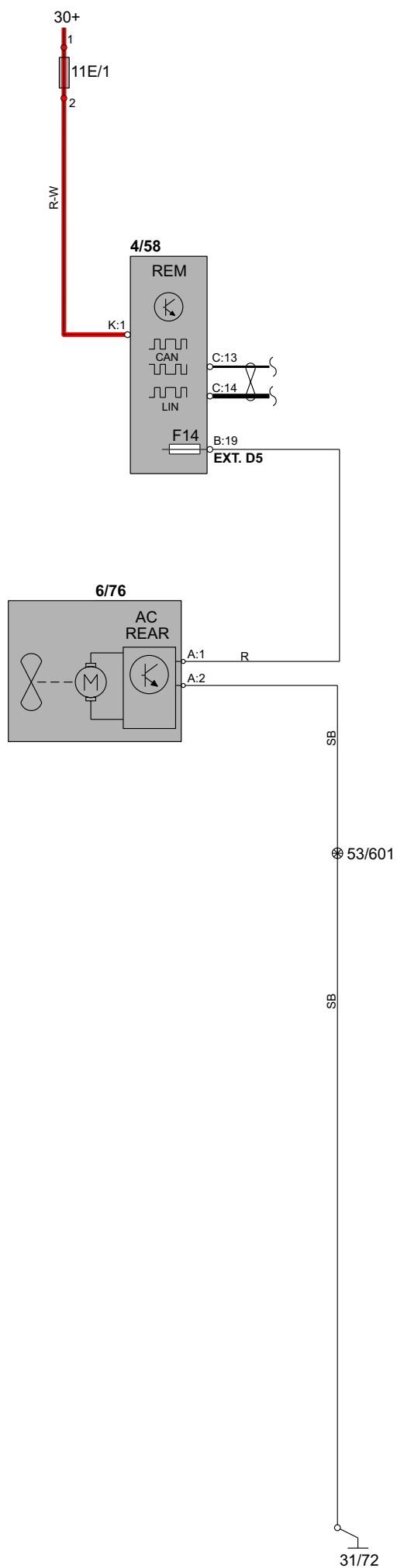
Group 85 Interior equipment

Heated seats



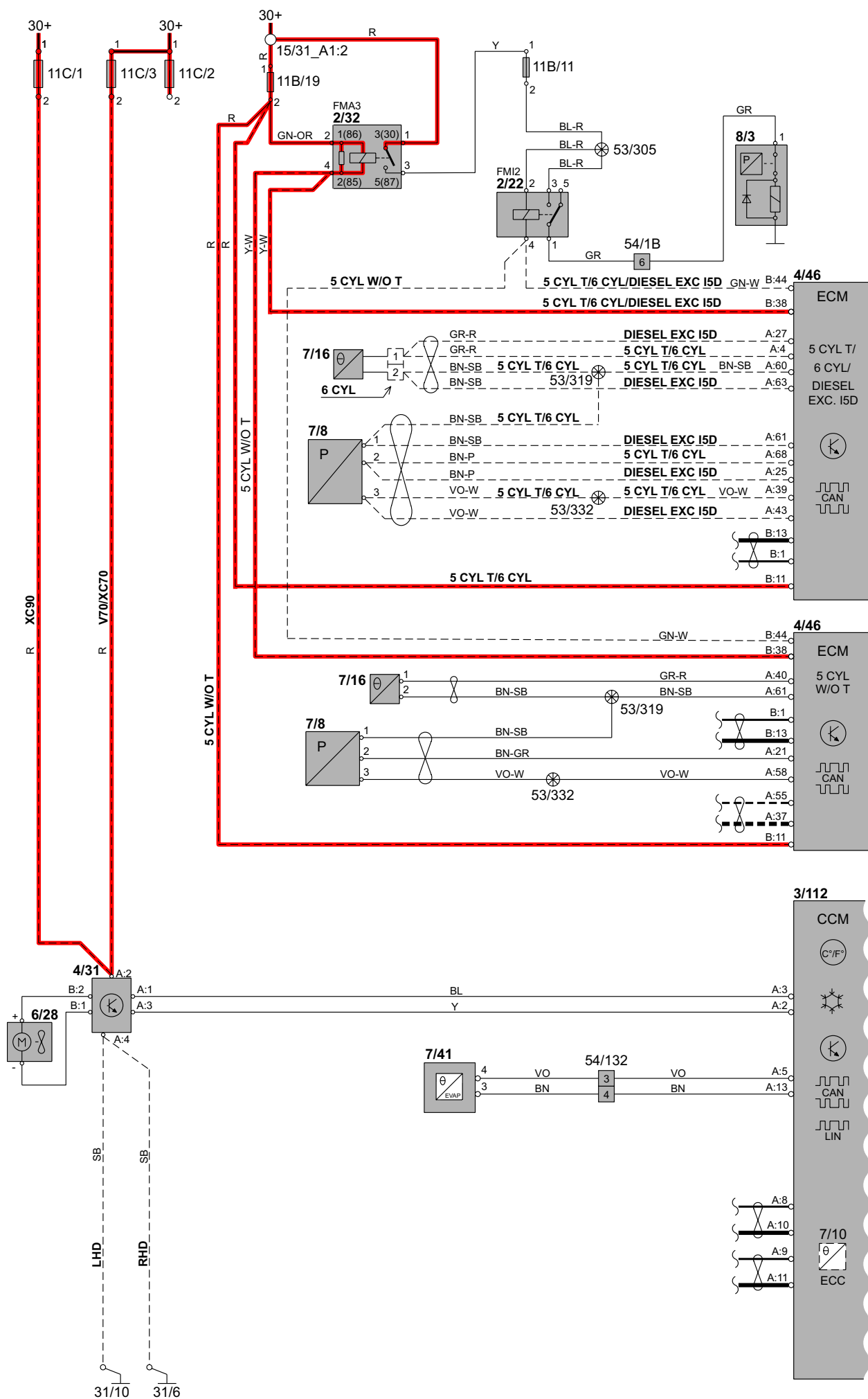
Group 87 Climate control system

Rear climate control system XC90



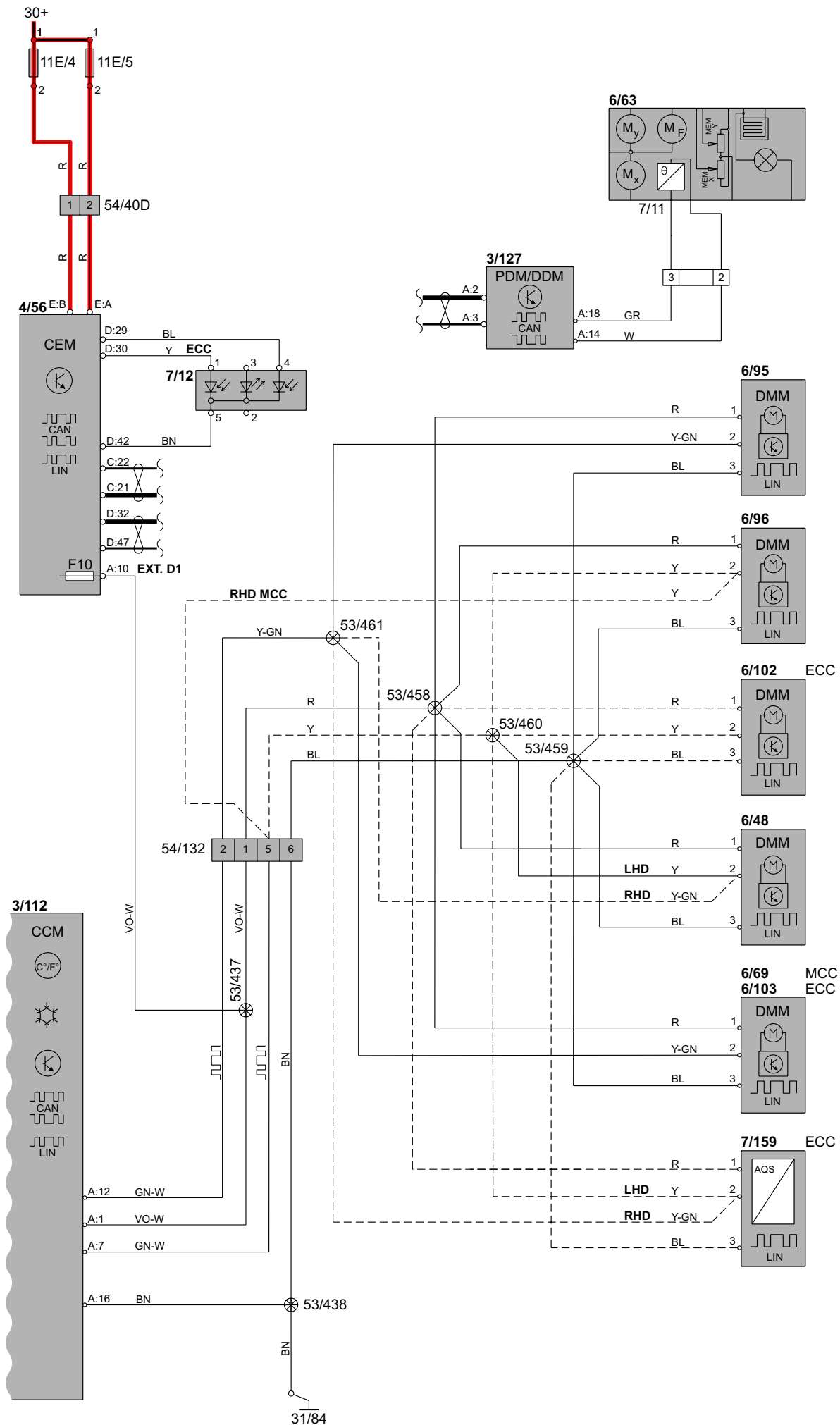
Group 87 Climate control system

Climate control system 1:2



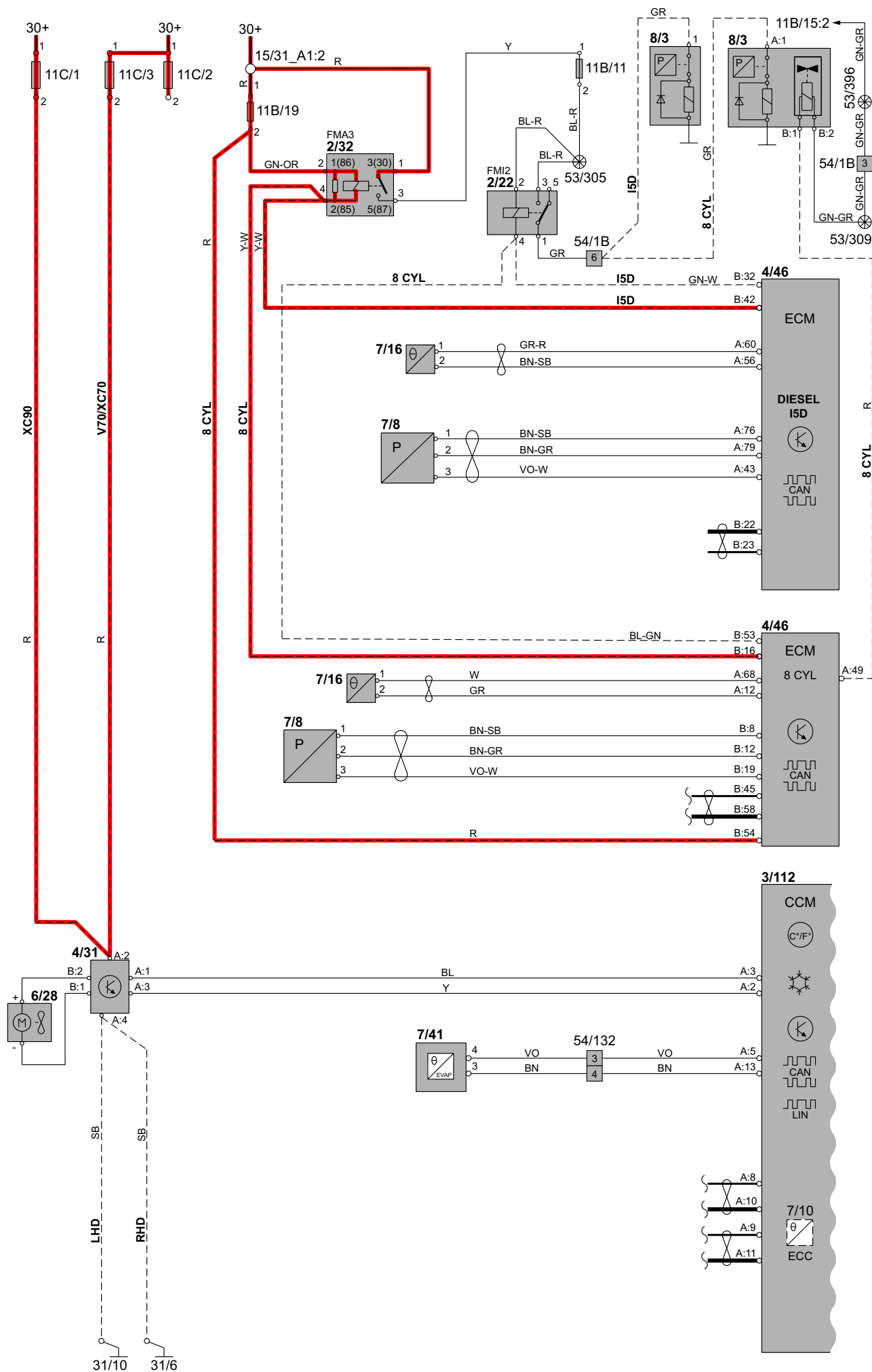
Group 87 Climate control system

Climate control system 2:2



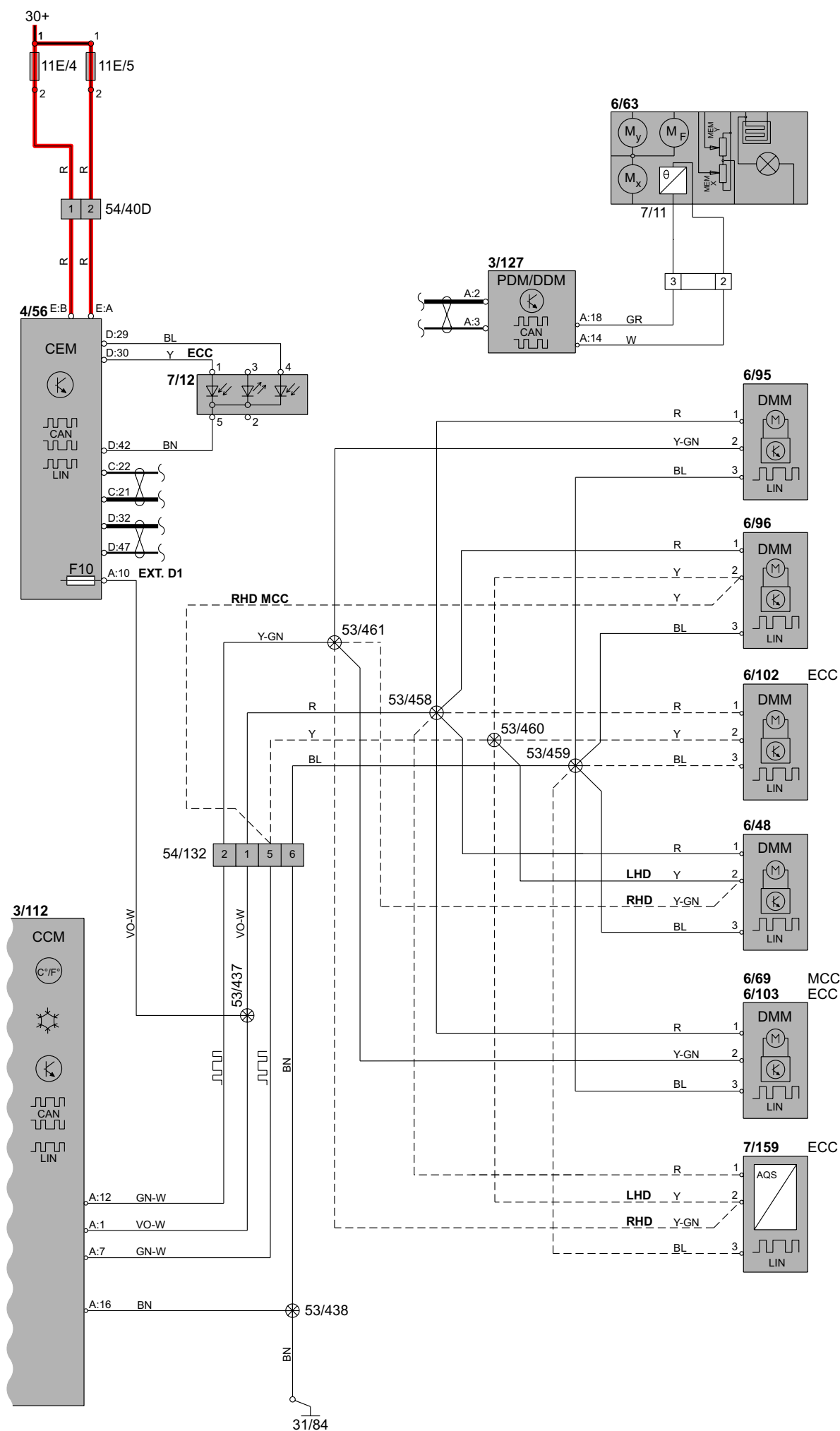
Group 87 Climate control system

Climate control system, I5D & 8-cyl. 1:2



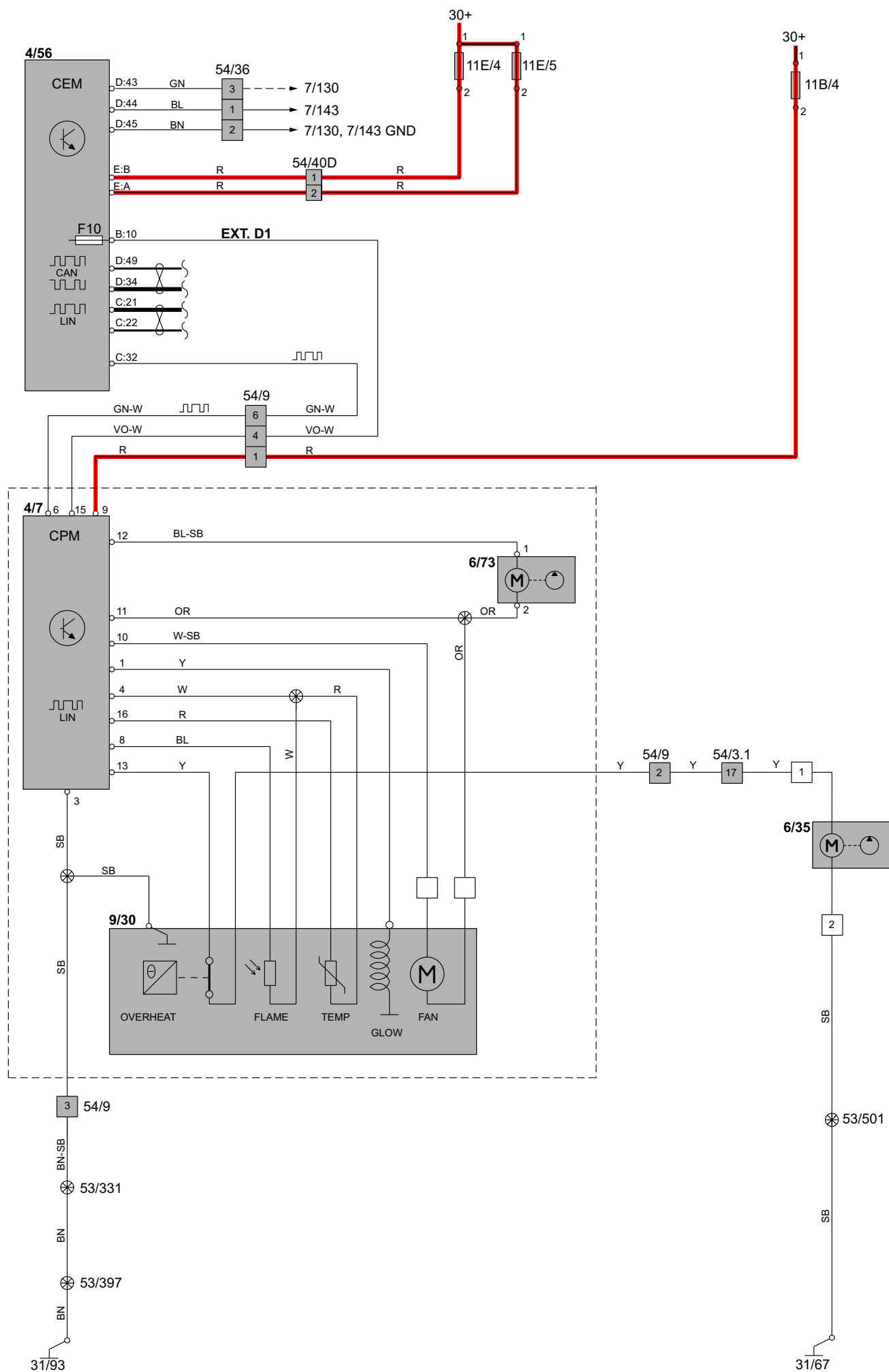
Group 87 Climate control system

Climate control system, I5D & 8-cyl. 2:2

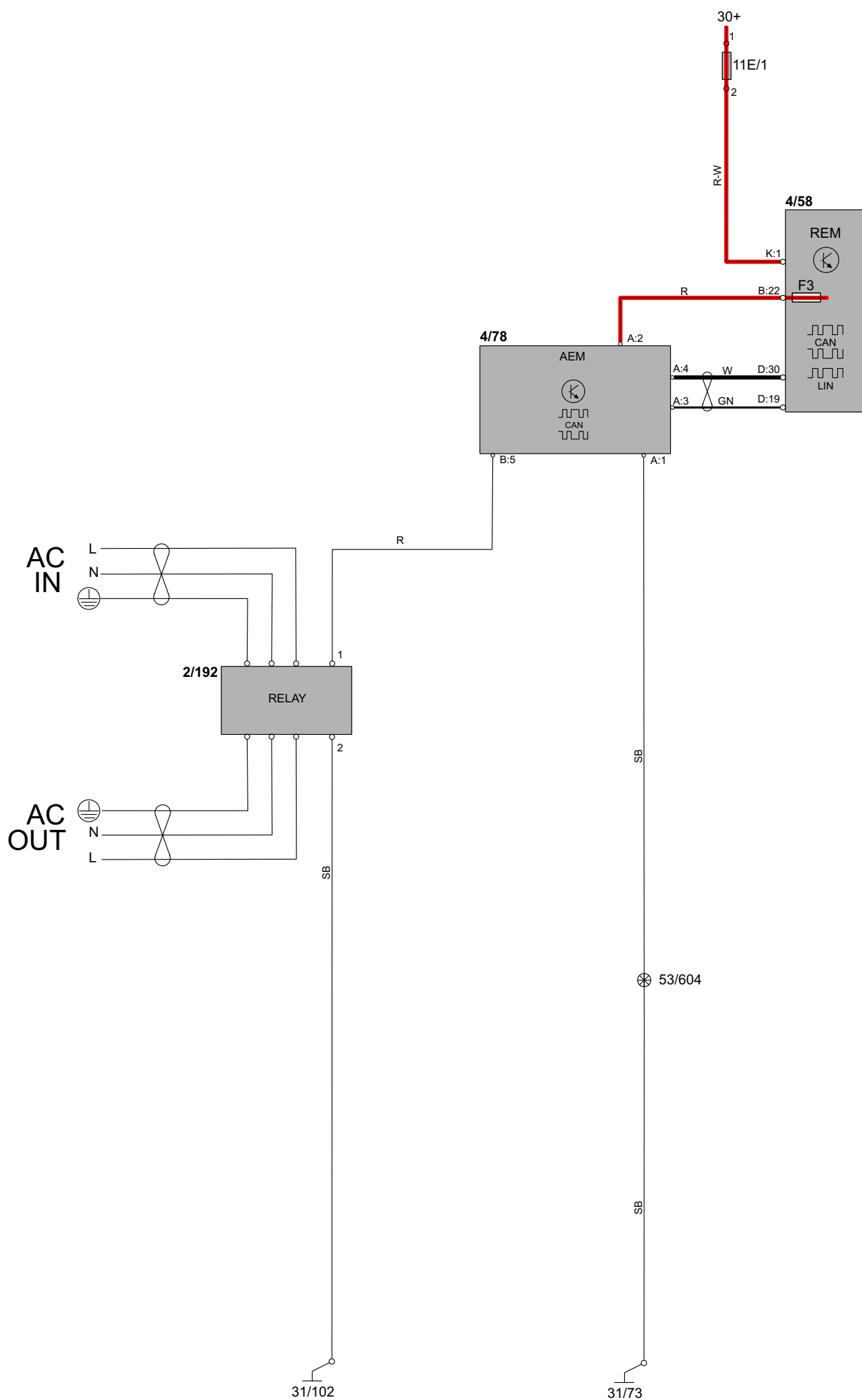


Group 87 Climate control system

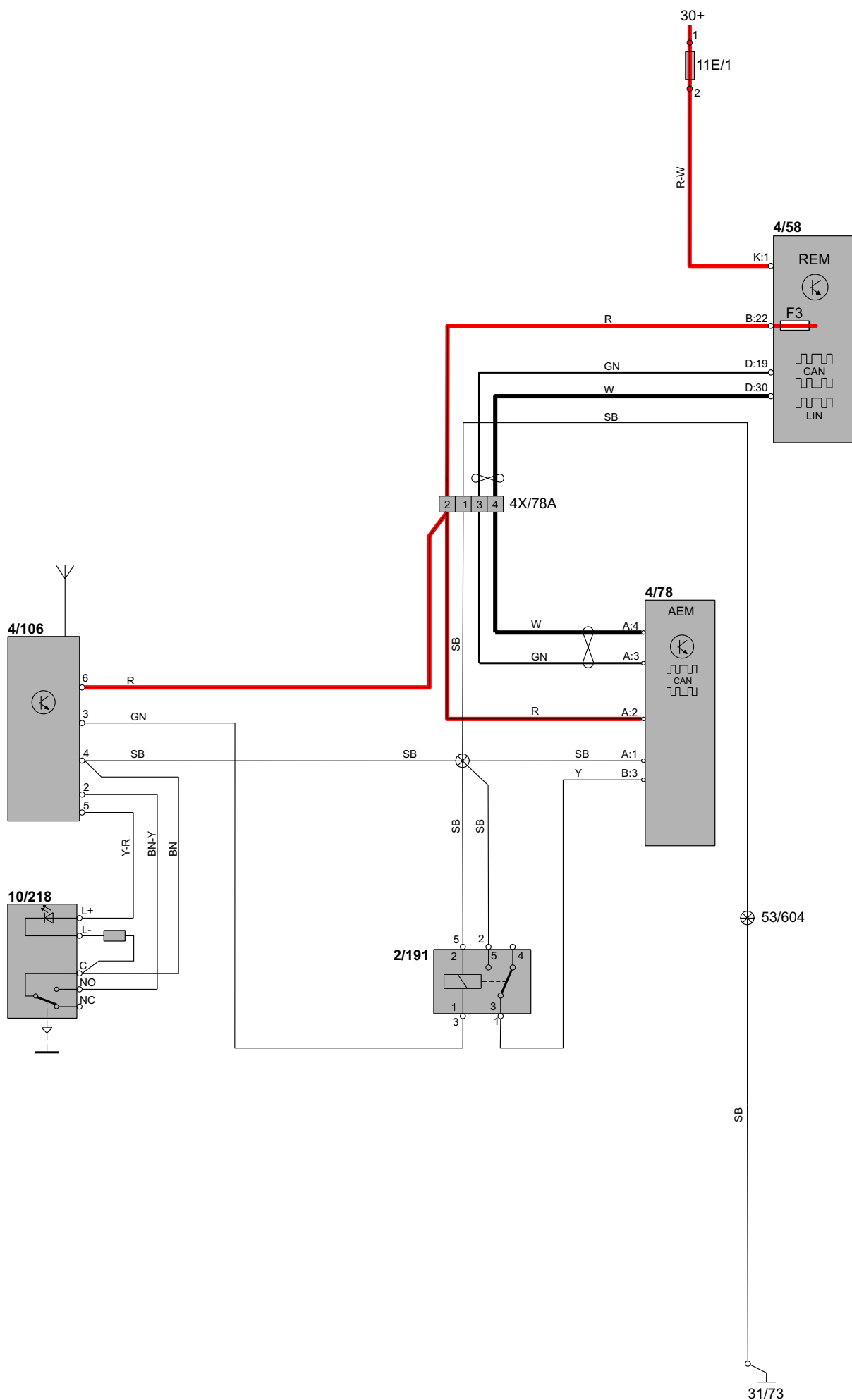
Parking heater, auxiliary heater



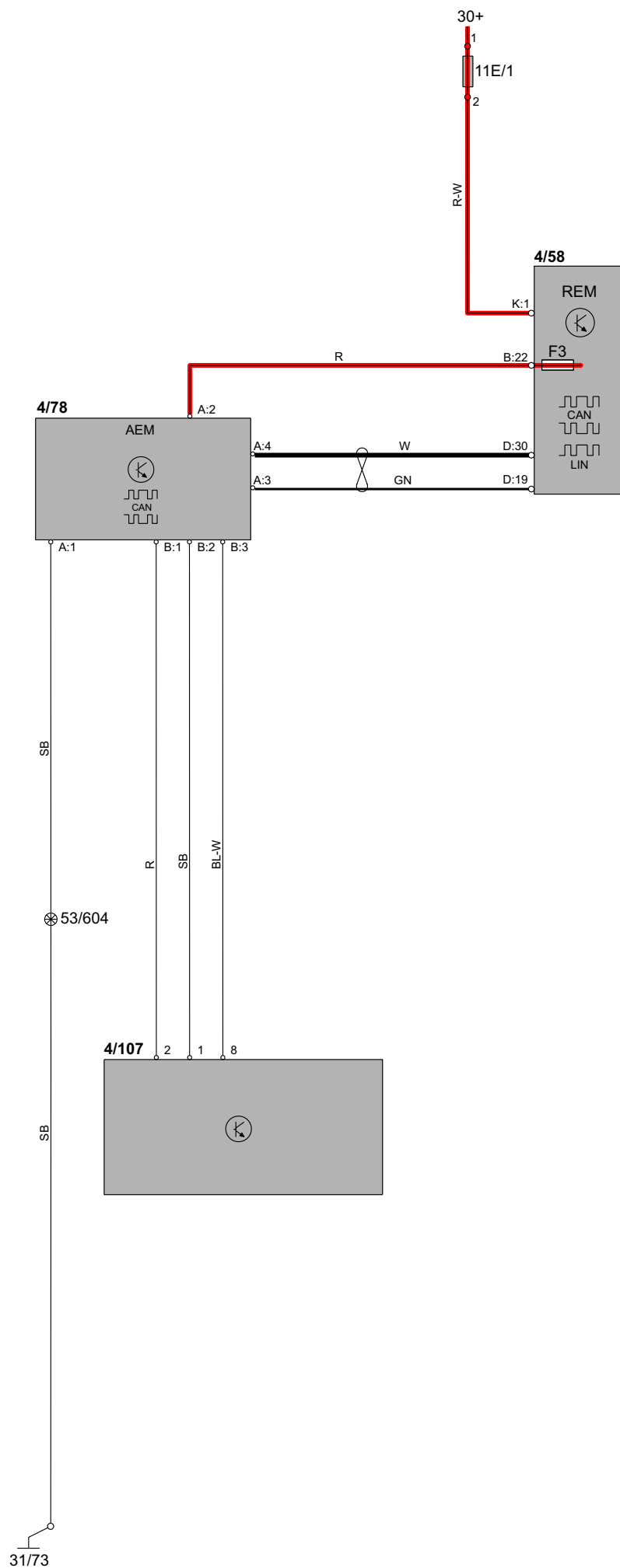
Group 87 Climate control system, Accessories Relay, electric engine heater



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

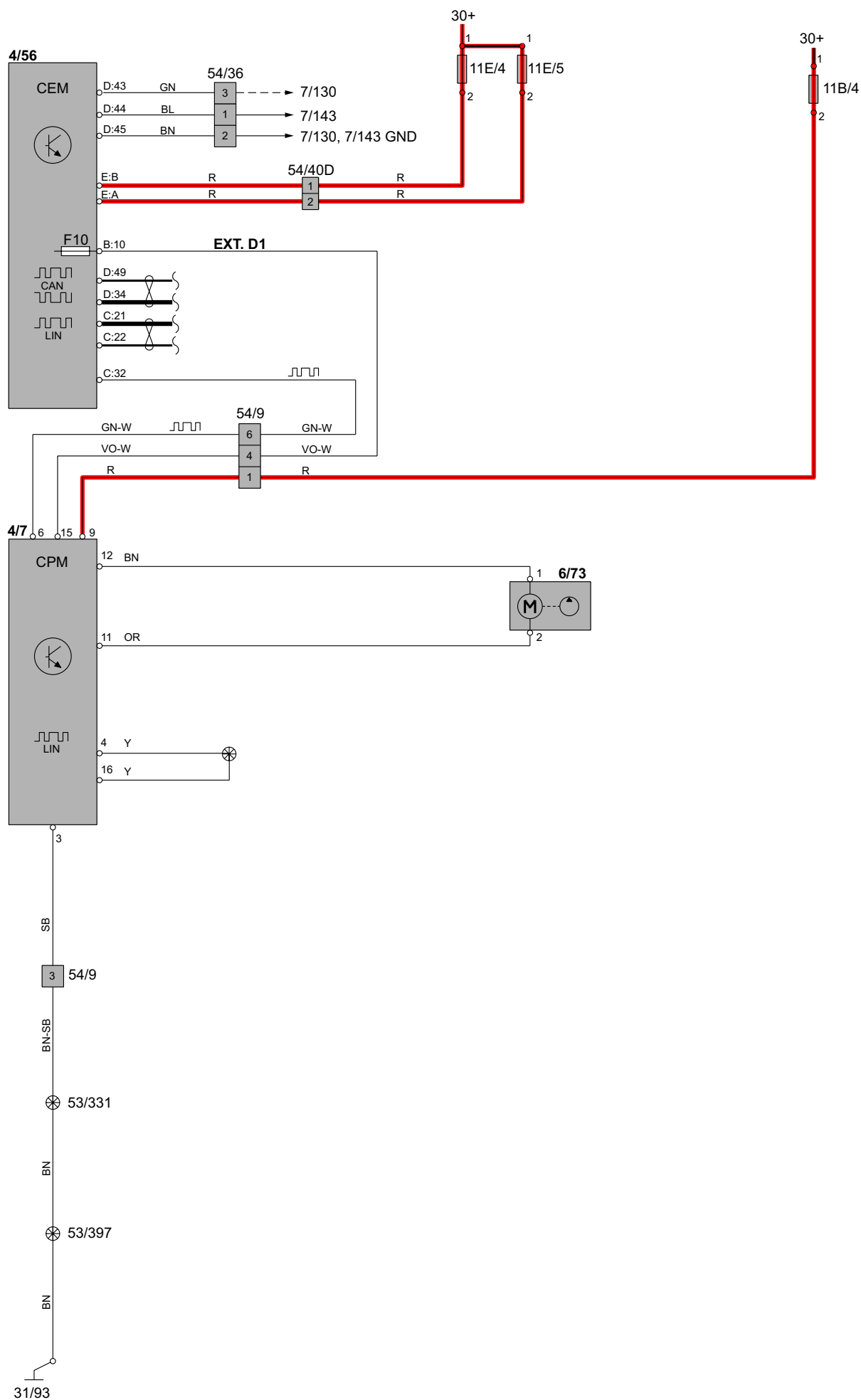


Group 87 Climate control system, Accessories Parking heater call start V70



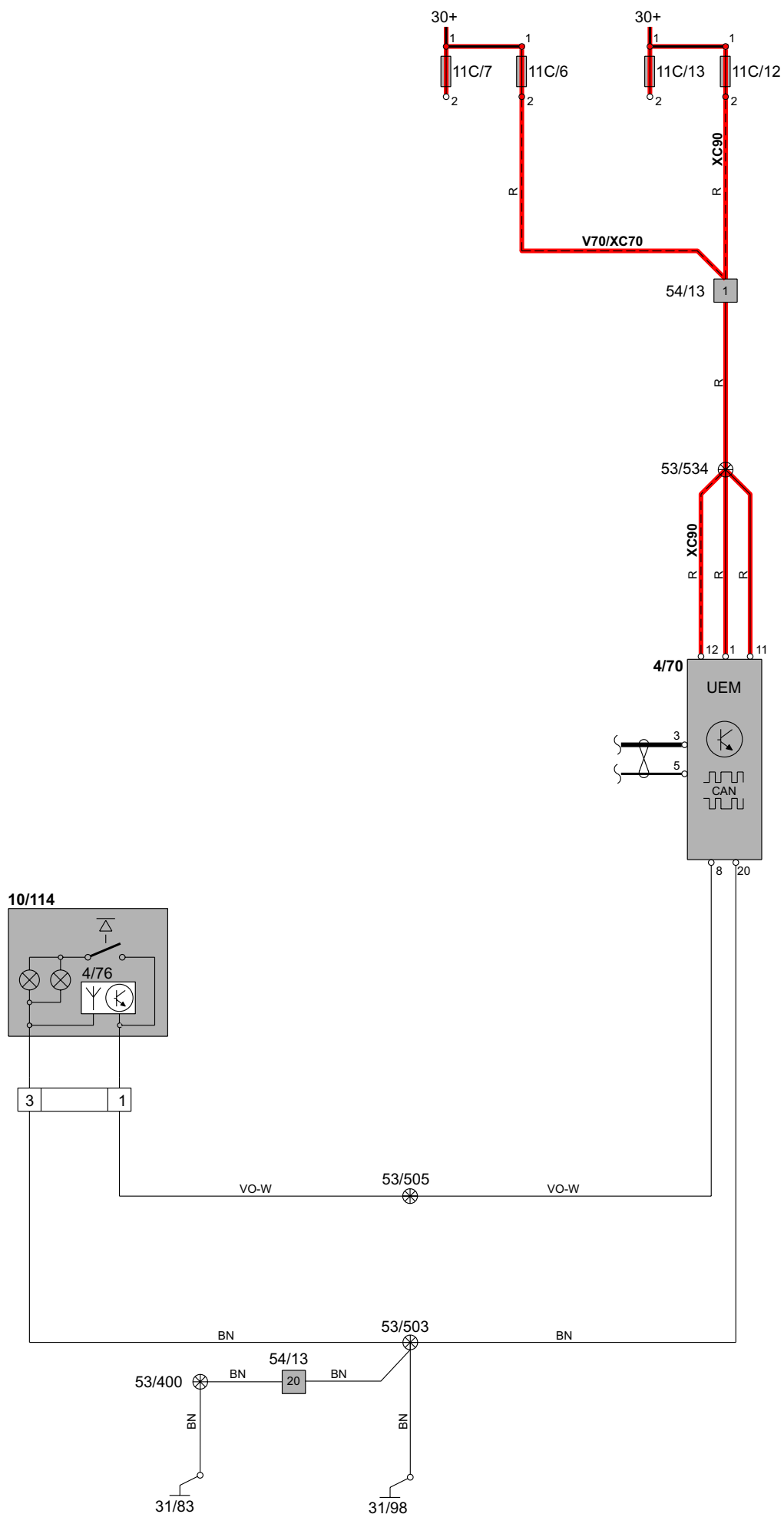
Group 87 Climate control system, Accessories

Auxiliary heater V70



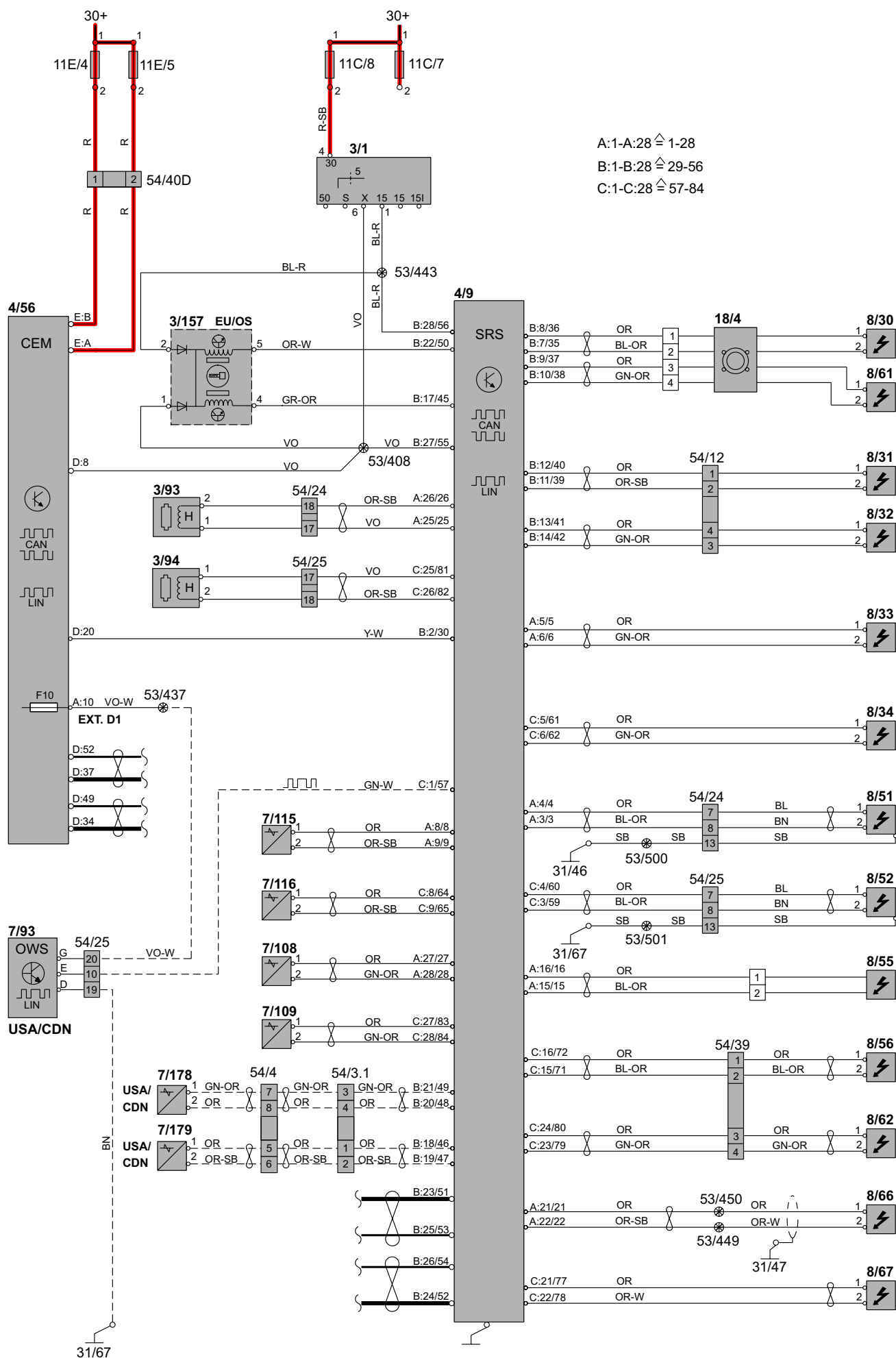
Group 88 Internal equipment

Remote garage door opener



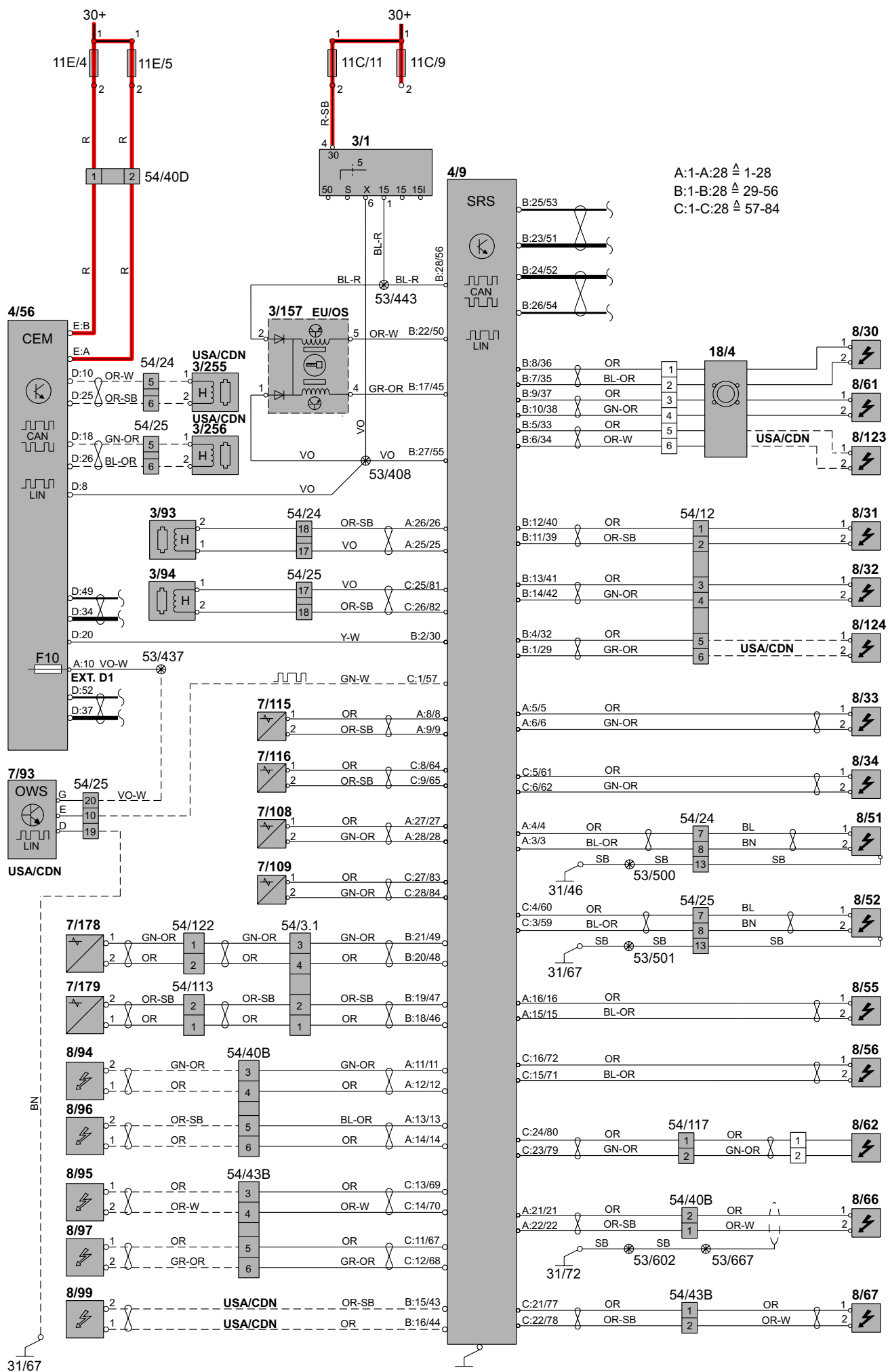
Group 88 Internal equipment

Supplemental Restraint System module (SRS) V70



Group 88 Internal equipment

Supplemental Restraint System module (SRS) XC90



Connectors

54/1 - 54/1B

54/1

1-pin gray

No.	Engine compartment harness			Engine harness, diesel		
1	2:14:3	Relay, glow plug unit	R	53/374	Branching point	R

54/1B

14-pin gray

No.	Engine harness			Engine compartment harness		
1	-		-	-		-
2	7/17:1 7/17:2 53/315 54/99:11	Mass air flow sensor (MAF), I5D Mass air flow sensor (MAF), Diesel 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 53/335	Branching point Connector, 8-cyl. Branching point, I5D Branching point, diesel	GN-GR GN-W	11B/15:2 53/396	Fuse in engine compartment fuse box Branching point, 8-cyl.	GN-GR
4	-		-	-		-
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 Electromagnetic clutch, climate control system, 8-cyl.	GR	2/22:1	Relay, climate control system	GR
7	7/15:4 53/304 53/373	Heated oxygen sensor, I5D Branching point Branching point, diesel	GN-BN R	11B/14:2 11B/10:2	Fuse in engine compartment fuse box Fuse in engine compartment fuse box, diesel	GN-BN R
8	6/25:2	Starter motor	GN-R	2/35:3	Relay, starter motor	GN-R
9	-		-	-		-
10	7/62:1	Output speed sensor	Y	4/28A:57	Transmission Control Module (TCM)	Y
11	7/62:2	Output speed sensor	SB	4/28A:39	Transmission Control Module (TCM)	SB
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 4/46A:8	Engine Control Module (ECM) Engine Control Module (ECM), diesel	VO
14	4/50:6 53/314	Electronic Throttle Module (ETM) Branching point	GN-SB GN	11B/13:2	Fuse in engine compartment fuse box	GN-SB

Connectors

54/1C - 54/3.1:1-14

54/1C

2-pin gray

No.	Engine compartment harness		I5D engine harness	
1	11A/1:2	Main fuse in engine compartment fuse box	R	4/109:11 Glow plug control module R
2	-	-	-	-

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, I5D	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	Engine Control Module (ECM) Engine Control Module (ECM), 8-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 54/74:4	Central Electronic Module (CEM), V70 Connector	W	4/16:11	Brake Control Module (BCM)	W
12	4/56D:47 54/74:2	Central Electronic Module (CEM), V70 Connector	GN	4/16:15	Brake Control Module (BCM)	GN
13	-		-	-		-
14	4/58C:4	Rear Electronic Module (REM)	Y	54/4:3 3/62:1	Connector, V70 Hood alarm contact, XC90	Y
continues						

Connectors

54/3.1:15-36

54/3.1 36-pin gray

No.	Passenger compartment harness			Engine compartment harness		
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
18	5/1:2	Driver Information Module (DIM)	GR	4/46B:37	Engine Control Module (ECM), I5D	GR
				4/46B:46	Engine Control Module (ECM)	
				4/46B:55	Engine Control Module (ECM), 8-cyl.	
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	Driver Information Module (DIM), XC90	Y	3/47:1	Parking brake contact, XC90	Y
26	3/156A:6	Gear Selector Module (GSM)	SB	4/28A:54	Transmission Control Module (TCM)	SB
				53/329	Branching point	
27	4/84A:9	Suspension Module (SUM), V70	GR-R	8/21:1	Shock absorber, Four-C, front right, V70	GR-R
28	4/84A:8	Suspension Module (SUM), V70	BN-W	8/21:2	Shock absorber, Four-C, front right, V70	BN-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 - 54/8

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	Engine Control Module (ECM), 8-cyl. Engine Control Module (ECM)	GN-R
3	54/34:3	Connector	GN	4/46B:40 4/46B:48	Engine Control Module (ECM) Engine Control Module (ECM), 8-cyl.	GN
4	54/34:4	Connector	BL-SB	4/46B:7 4/46B:33	Engine Control Module (ECM) 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			Bi-Fuel engine harness		
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

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		-

Connectors

54/9 - 54/10

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	10/15:2	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
9	16/1B:1 54/14:1 16/105B:9	Audio Module (AUM), V70 Connector, V70 Audio Module (AUD), XC90	GR-R	16/4:1	Left-hand front door speaker	GR-R
10	16/1B:2 54/14:2 16/105B:1	Audio Module (AUM), V70 Connector, V70 Audio Module (AUD), XC90	GR	16/4:2	Left-hand front door speaker	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

Connectors

54/11 - 54/12 V70

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	-		-	-		-
7	4/56A:29 4/58A:20	Central Electronic Module (CEM), XC90 Rear Electronic Module (REM), XC90	GN	10/16:2	Direction indicator, right front door, XC90	GN-W
8	54/43:4	Connector	P	3/75:3	Right-hand front door lock unit	P
9	16/1B:5 54/14:5 16/105B:11	Audio Module (AUM), V70 Connector, V70 Audio Module (AUD), XC90	GR-R	16/3:1	Right-hand front door speaker	GR-R
10	16/1B:6 54/14:6 16/105B:3	Audio Module (AUM), V70 Connector, V70 Audio Module (AUD), XC90	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	Igniter, airbag stage 3, passenger side, USA/CDN	-
6	4/9B:1/29	Supplemental Restraint System module (SRS), USA/CDN	GR-OR	8/124:2	Igniter, airbag stage 3, passenger side, 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	53/534	Branching point	R
2	-	-	-	-	-	-
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 - 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	Right glass breakage coil, V70	Y
17	-		-	-		-
18	-		-	-		-
19	-		-	-		-
20	53/400	Branching point	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	4/33A:10	Sun Roof Module (SRM)	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	53/523	Branching point	GR-W	16/6:1	Speaker, left rear door	GR-W
2	53/524	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	Deadlock relay, left-hand rear door	VO
				3/76:8	Lock unit, left rear door	
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	Lock unit, left rear door	SB
				3/85:2	Power window switch, left rear door	

Connectors

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

54/21

12-pin black

No.	Passenger compartment harness			Rear right door harness		
1	53/525	Branching point	GR-W	16/5:1	Speaker, right rear door	GR-W
2	53/526	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	Deadlock relay, right-hand rear door	VO
				3/77:8	Lock unit, right rear door	
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	Lock unit, right rear door	SB
				3/86:2	Power window switch, right rear door	

54/22

12-pin black, V70

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

54/22

10-pin black, XC90

No.	Engine compartment harness		Front left lamp housing harness		
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 SB
10	-	-	-	-	-

Connectors

54/23 V70

54/23

12-pin black, V70

No.	Engine compartment harness			Front right lamp housing harness		
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	-		-	-		-
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	-		-	-		-

Connectors

54/23 XC90 - 54/24:1-5

54/23

10-pin black, XC90

No.	Engine compartment harness			Front right lamp housing harness		
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	SB
10	-		-	-		-

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	-
5	4/56D:10	Central Electronic Module (CEM), XC90 USA/CDN	OR-W	3/255:1	Driver's seat position sensor, XC90 USA/CDN	-
continues						

Connectors

54/24:6-20

54/24

20-pin black

No.	Passenger compartment harness			Front left seat harness		
6	4/56D:25	Central Electronic Module (CEM), XC90 USA/CDN	OR-SB	3/255:2	Driver's 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
	11C/2:2	Fuses in the passenger compartment fuse box, V70 RHD		3/27:1	Switch unit, power passenger seat, V70 RHD	
	11C/3:2	Fuses in the passenger compartment fuse box, XC90 LHD		4/52A:1	Power Seat Module (PSM), XC90 LHD	
	11C/4:2	Fuses in the passenger compartment fuse box, XC90 RHD		3/27:1	Switch unit, power passenger seat, XC90 RHD	
16	53/500	Branching point	SB	3/27:2	Switch unit, power passenger seat, RHD	SB
				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	Fuses in the passenger compartment fuse box, V70 RHD	R	4/52A:1	Power Seat Module (PSM), V70 RHD	BL-R
	11C/2:2	Fuses in the passenger compartment fuse box, V70 LHD		3/27:1	Switch unit, power passenger seat, V70 LHD	
	11C/3:2	Fuses in the passenger compartment fuse box, XC90 RHD		4/52A:1	Power Seat Module (PSM), XC90 RHD	
	11C/4:2	Fuses in the passenger compartment fuse box, XC90 LHD		3/27:1	Switch unit, power passenger seat, XC90 LHD	
16	53/501	Branching point	SB	3/27:2	Switch unit, power passenger seat, LHD	SB
				4/52A:2	Power Seat Module (PSM), RHD	
				4/52B:4	Power Seat Module (PSM), RHD	
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 harness		
1	4/56D:44	Central Electronic Module (CEM)	BL	6/33:4 6/33:A 6/33:P	Fuel pump Fuel pump Fuel pump	BL GN -
2	4/56D:45	Central Electronic Module (CEM)	BN	6/33:3 6/33:B 6/33	Fuel pump Fuel pump Fuel pump	BN 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 4/83:3 6/33	Branching point Control module fuel pump Fuel pump	SB SB -
5	4/56A:16	Central Electronic Module (CEM)	BL	53/578 4/83:2 6/33	Branching point Control module fuel pump Fuel pump	BL 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-pillar Branching point, V70	GR-W
10	53/526	Branching point	GR	16/58:2 53/653	Speaker, right-hand D-pillar 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-pillar Branching point, V70	GR
13	53/523	Branching point	GR-W	16/57:1 53/654	Speaker, left-hand D-pillar 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		Tailgate harness		
1	53/601	Branching point	SB	6/32:3 9/2C:1 6/32:3 9/2C:1	Rear window wiper motor, V70 Heated rear window, V70 Rear window wiper motor, XC90 Heated rear window, XC90 SB SB W W
2	-		-	-	-

54/53 4-pin gray

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

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, I5D

No.	Automatic transmission harness			Engine compartment harness		
1	4/28A:1	Transmission Control Module (TCM)	R	11B/8:2	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:34	Engine Control Module (ECM)	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	54/109:2	Connector	OR	16/79B:1	Subwoofer Module (SUB)	OR
2	16/110B:1	Antenna module (ATM)	OR	16/79B:2	Subwoofer Module (SUB)	OR

54/74

4-pin, yellow

No.	Passenger compartment harness			Differential Electronic Module (DEM) harness		
1	4/56D:47	Central Electronic Module (CEM)	GN	53/513	Branching point	GN
	53/568	Branching point, V70				
2	54/3.1:12	Connector	GN	53/513	Branching point	GN
3	4/56D:32	Central Electronic Module (CEM)	W	53/512	Branching point	W
	53/567	Branching point, V70				
4	54/3.1:11	Connector	W	53/512	Branching point	W

Connectors

54/74B - 54/106

54/74B 2-pin orange

No.	Passenger compartment harness			Differential Electronic Module (DEM) harness		
1	4/58A:14	Rear Electronic Module (REM)	BL	53/502	Branching point	BL-R
2	31/46	Ground connection	SB	53/535 53/582	Branching point Branching point	BN SB

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 lights	-
4	-		-	-	-
5	53/604	Branching point	SB	Ground connection	-

54/100 2-pin black

No.	I5D 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			Front fuel tank harness, Bi-Fuel	
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, frontleft 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			Rear Four-C 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	Rear left angle sensor, Four-C/Bi-Xenon	GR
				7/121:1	Rear right angle sensor, Four-C	
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	-		-	-		-

54/109

2-pin black, XC90

No.	Passenger compartment harness			Cargo compartment harness		
1	16/94C:1	Infotainment Control Module (ICM)	OR	16/110B:2	Antenna module (ATM)	OR
2	16/105D:2	Audio Module (AUD)	OR	16/110B:1	Antenna module (ATM)	OR
				54/66.2:1	Connector	

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 side, RHD MCC	Y
6	53/438	Branching point	BN	53/459	Branching point	BL

Connectors

54/274

54/274

10-pin gray, XC90

No.	Screen harness			Rear seat entertainment (RSE) harness		
1	54/276:1	Connector	W	16/124:1	Rear Seat Entertainment module (RSE)	W
2	54/276:2	Connector	BN	16/124:2	Rear Seat Entertainment module (RSE)	BN
3	54/276:3	Connector	GN	16/124:3	Rear Seat Entertainment module (RSE)	GN
4	54/276:4	Connector	Y	16/124:4	Rear Seat Entertainment module (RSE)	Y
5	54/276:5	Connector	GR	16/124:5	Rear Seat Entertainment module (RSE)	GR
6	54/276:6	Connector	P	16/124:6	Rear Seat Entertainment module (RSE)	P
7	54/276:7	Connector	BL	16/124:7	Rear Seat Entertainment module (RSE)	BL
8	54/276:8	Connector	R	16/124:8	Rear Seat Entertainment module (RSE)	R
9	54/276:9	Connector	SB	16/124:9	Rear Seat Entertainment module (RSE)	SB
10	54/276:10	Connector	VO	16/124:10	Rear Seat Entertainment module (RSE)	VO

Connectors

54/275 - 54/276

54/275

10-pin gray, XC90

No.	Screen harness			Rear seat entertainment (RSE) harness		
1	54/277:1	Connector	W	16/124:11	Rear Seat Entertainment module (RSE)	W
2	54/277:2	Connector	BN	16/124:12	Rear Seat Entertainment module (RSE)	BN
3	54/277:3	Connector	GN	16/124:13	Rear Seat Entertainment module (RSE)	GN
4	54/277:4	Connector	Y	16/124:14	Rear Seat Entertainment module (RSE)	Y
5	54/277:5	Connector	GR	16/124:15	Rear Seat Entertainment module (RSE)	GR
6	54/277:6	Connector	P	16/124:16	Rear Seat Entertainment module (RSE)	P
7	54/277:7	Connector	BL	16/124:17	Rear Seat Entertainment module (RSE)	BL
8	54/277:8	Connector	R	16/124:18	Rear Seat Entertainment module (RSE)	R
9	54/277:9	Connector	SB	16/124:19	Rear Seat Entertainment module (RSE)	SB
10	54/277:10	Connector	VO	16/124:20	Rear Seat Entertainment module (RSE)	VO

54/276

10-pin gray, XC90

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

Connectors

54/277 - 54/303

54/277

10-pin gray, XC90

No.	Screen			Screen harness		
1	16/81B:1	Screen, LH head restraint	W	54/275:1	Connector	W
2	16/81B:2	Screen, LH head restraint	BN	54/275:2	Connector	BN
3	16/81B:3	Screen, LH head restraint	GN	54/275:3	Connector	GN
4	16/81B:4	Screen, LH head restraint	Y	54/275:4	Connector	Y
5	16/81B:5	Screen, LH head restraint	GR	54/275:5	Connector	GR
6	16/81B:6	Screen, LH head restraint	P	54/275:6	Connector	P
7	16/81B:7	Screen, LH head restraint	BL	54/275:7	Connector	BL
8	16/81B:8	Screen, LH head restraint	R	54/275:8	Connector	R
9	16/81B:9	Screen, LH head restraint	SB	54/275:9	Connector	SB
10	16/81B:10	Screen, LH head restraint	VO	54/275:10	Connector	VO

54/303

3-pin gray, XC90

No.	Rear seat entertainment harness			Fuses in cargo compartment auxiliary fuse box		
1	2/237:1	Disconnect relay, rear speaker	BL	54/98:3	Connector	BL
2	16/124(CN2)B:1	Rear Seat Entertainment module (RSE)	VO	11F/2:2	Fuses in cargo compartment auxiliary fuse box	VO
3	53/728	Branching point	R	11F/1:2	Fuses in cargo compartment auxiliary fuse box	R

Connectors

54/1300 - 54/1400

54/1300 6-pin gray

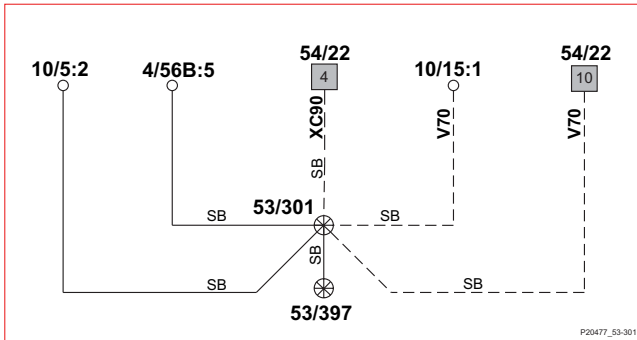
No.	PAM harness, engine compartment		PAM harness, bumper		
1	54/1400:1	Connector	BL	7/204:1 Front parking assistance sensor 5 7/205:1 Front parking assistance sensor 6 7/206:1 Front parking assistance sensor 7 7/207:1 Front parking assistance sensor 8	BL
2	54/1400:2	Connector	GN	7/207:2 Front parking assistance sensor 8	GN
3	54/1400:3	Connector	VO	7/206:2 Front parking assistance sensor 7	VO
4	54/1400:4	Connector	Y	7/205:2 Front parking assistance sensor 6	Y
5	54/1400:5	Connector	W	7/204:2 Front parking assistance sensor 5	W
6	54/1400:6	Connector	SB	7/204:3 Front parking assistance sensor 5 7/205:3 Front parking assistance sensor 6 7/206:3 Front parking assistance sensor 7 7/207:3 Front parking assistance sensor 8	SB

54/1400 6-pin gray

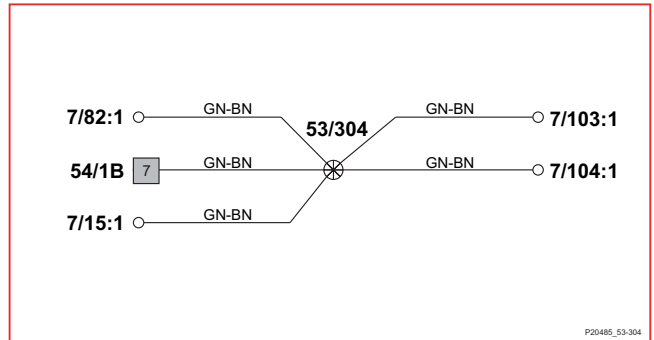
No.	PAM harness, passenger compartment		PAM harness, engine compartment		
1	4/86B:2	Parking Assistance Module (PAM)	BL	54/1300:1 Connector	BL
2	4/86B:8	Parking Assistance Module (PAM)	GN	54/1300:2 Connector	GN
3	4/86B:7	Parking Assistance Module (PAM)	VO	54/1300:3 Connector	VO
4	4/86B:6	Parking Assistance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

Branching points 53/301 - 53/314

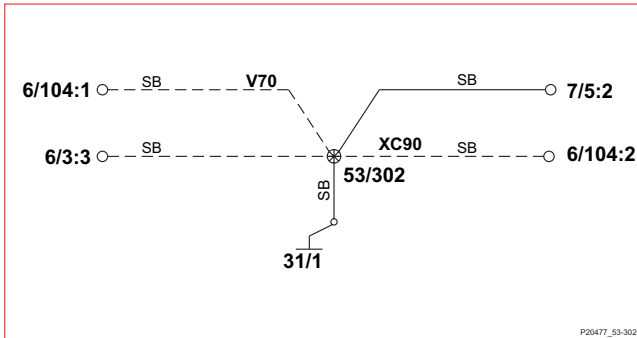
53/301



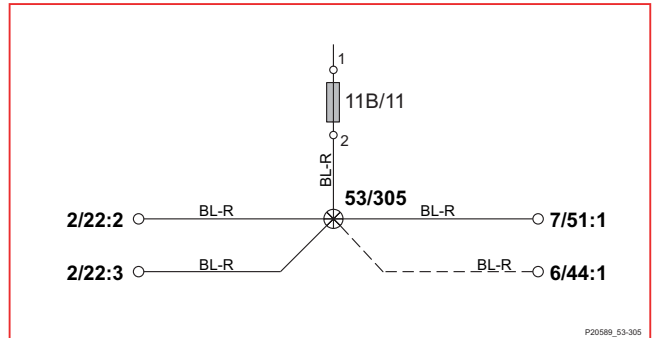
53/304 8-cyl.



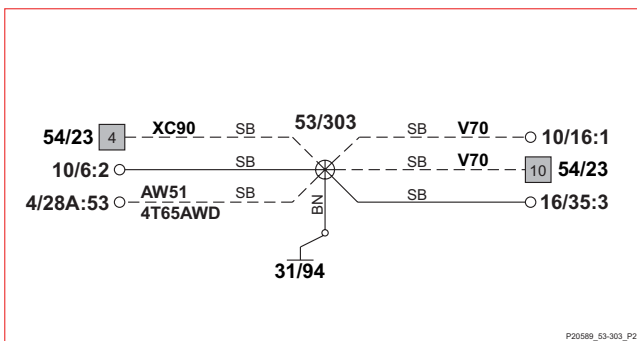
53/302



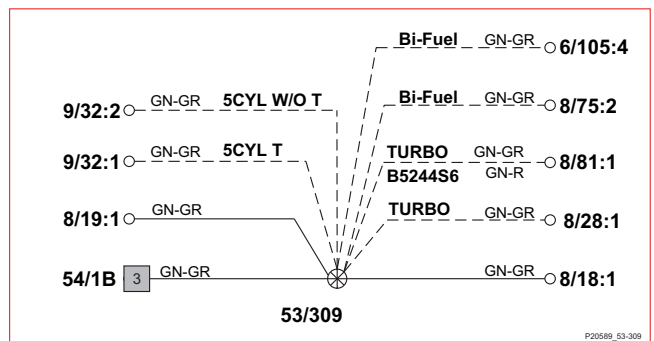
53/305



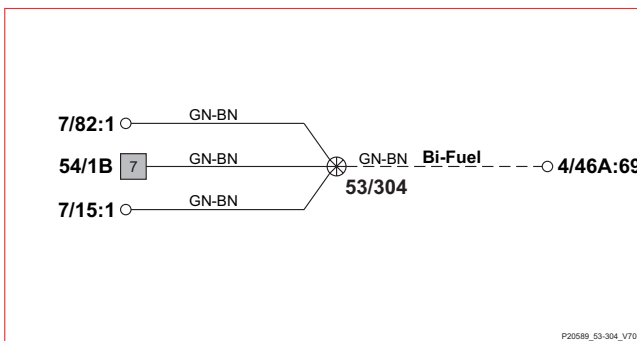
53/303



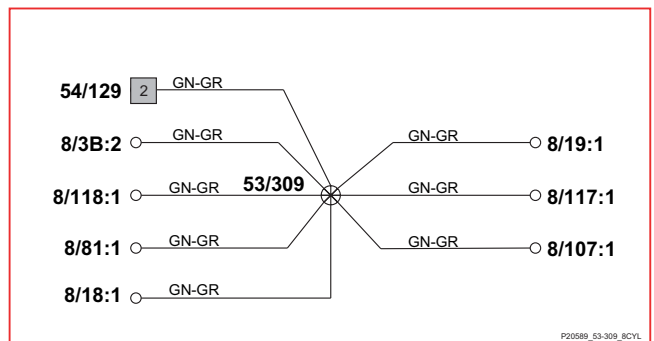
53/309



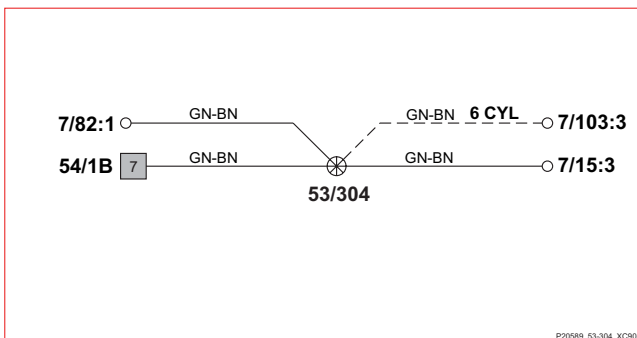
53/304 5-cyl. normally aspirated



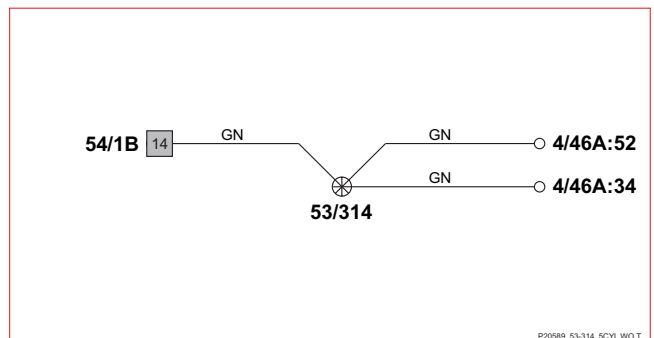
53/309 8-cyl.



53/304 5-cyl. T/6-cyl.

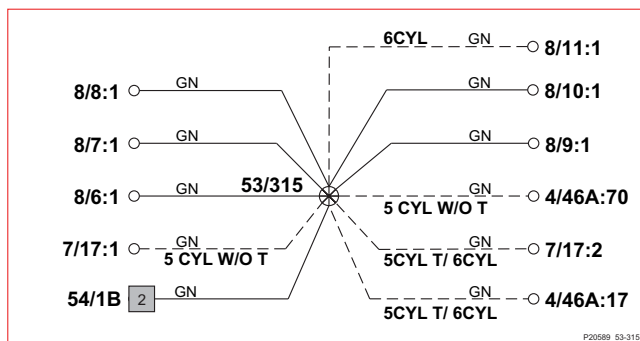


53/314

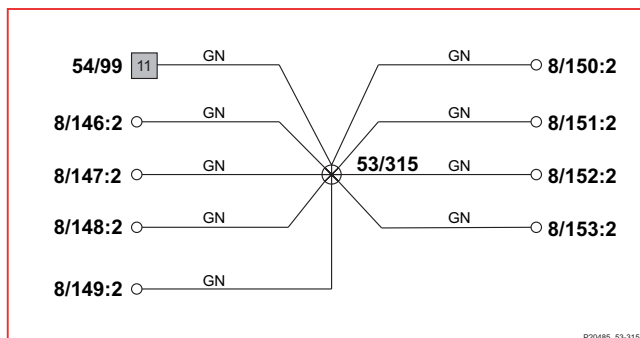


Branching points 53/315 - 53/331 V70

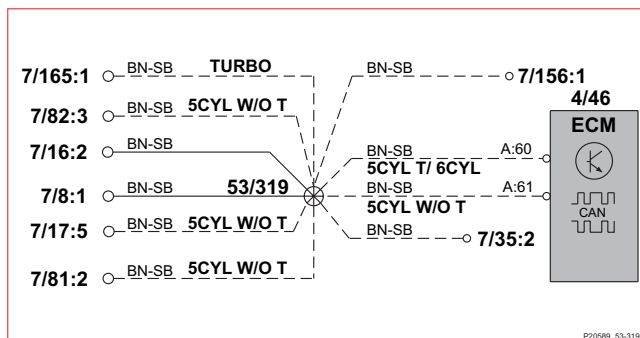
53/315



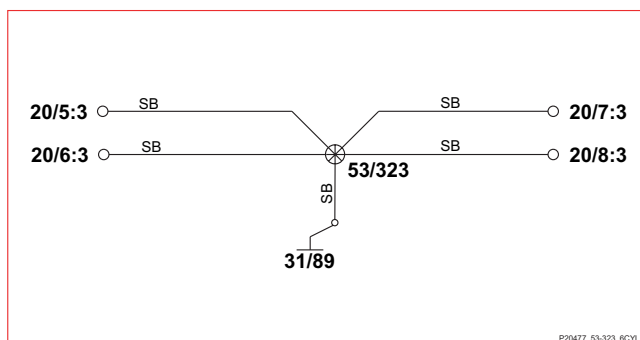
53/315 8-cyl.



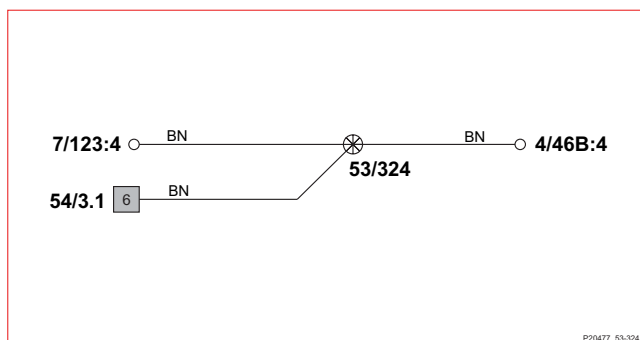
53/319



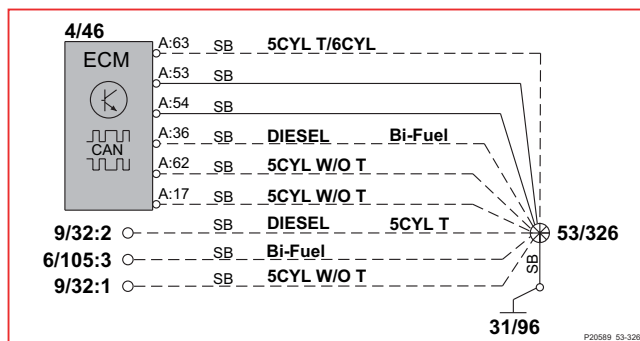
53/323



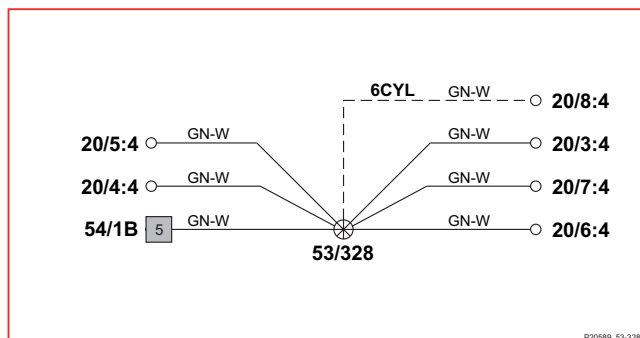
53/324



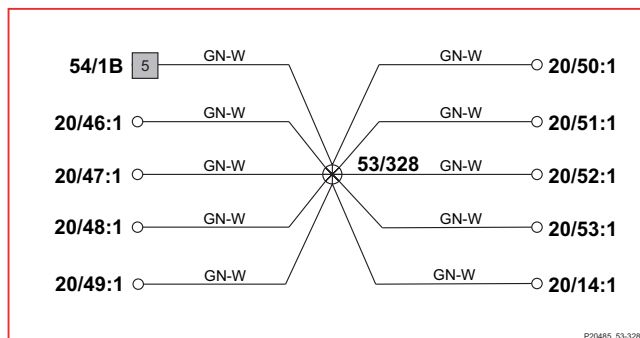
53/326



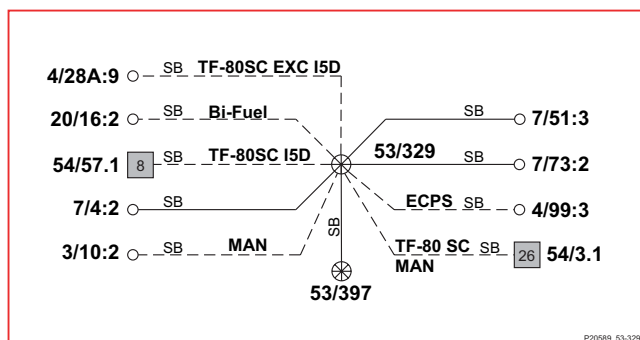
53/328



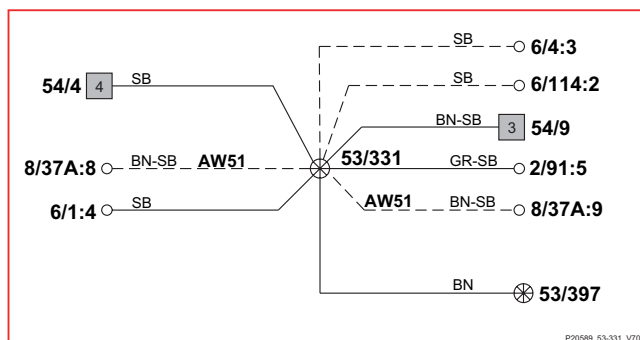
53/328 8-cyl.



53/329

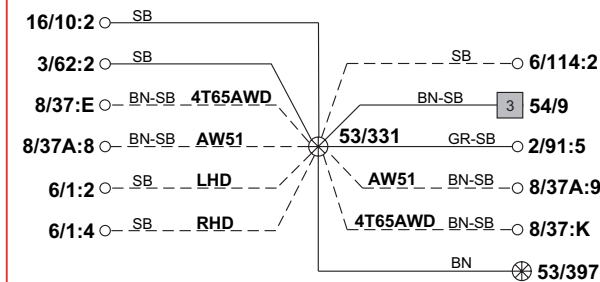


53/331 V70



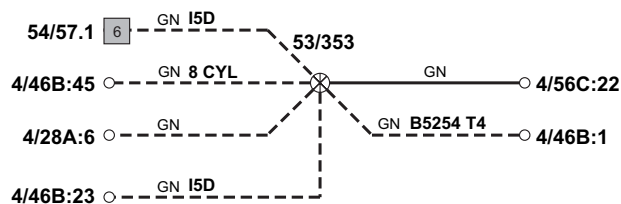
Branching points 53/331 XC90 - 53/360

53/331 XC90



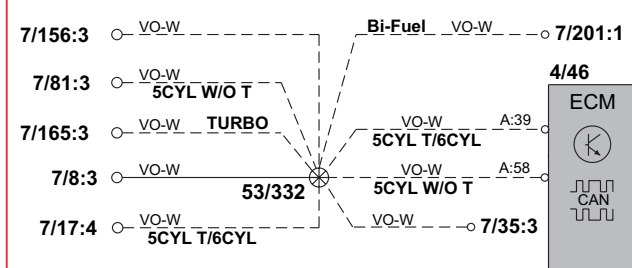
P20589_53-331_XC90

53/353



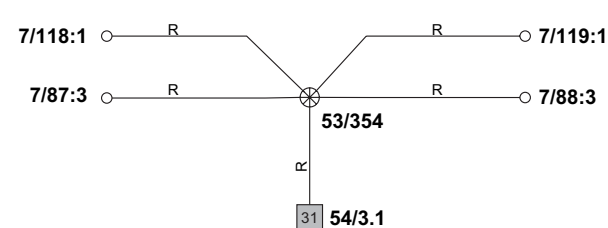
P20589_53-353

53/332



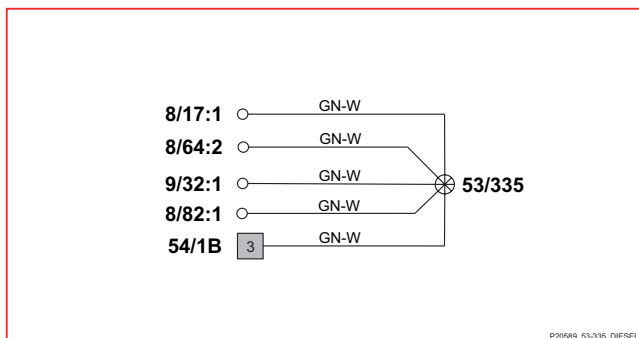
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53/354



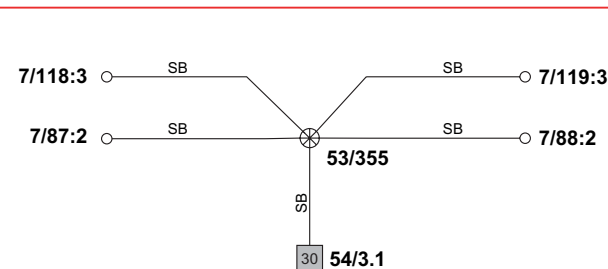
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53/335



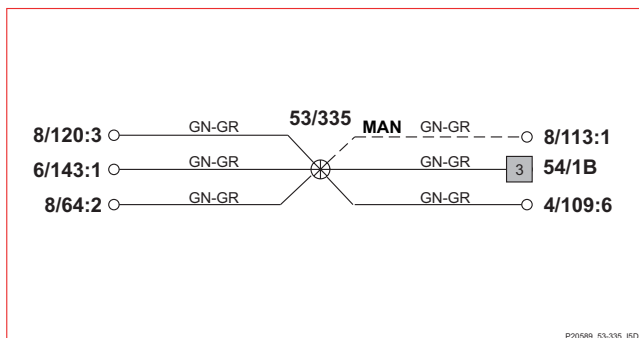
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53/355



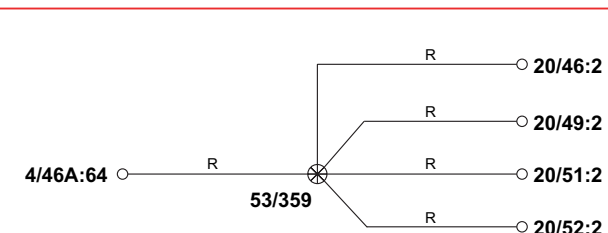
P20477_53-355_V70R

53/335 I5D



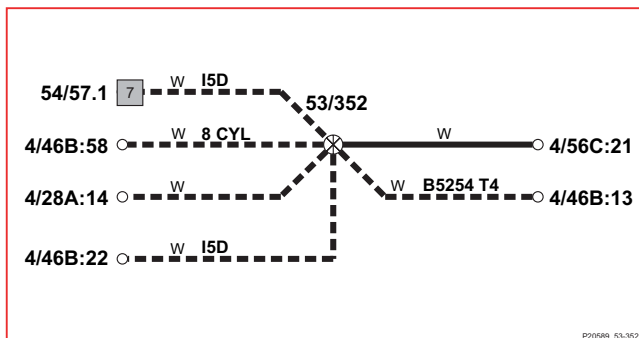
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53/359



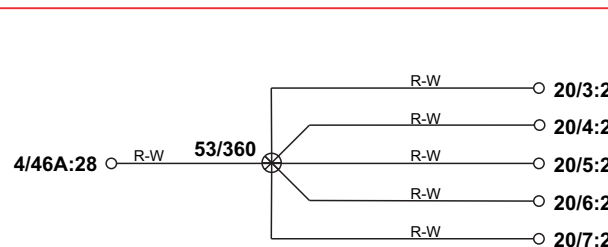
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53/352



P20589_53-352

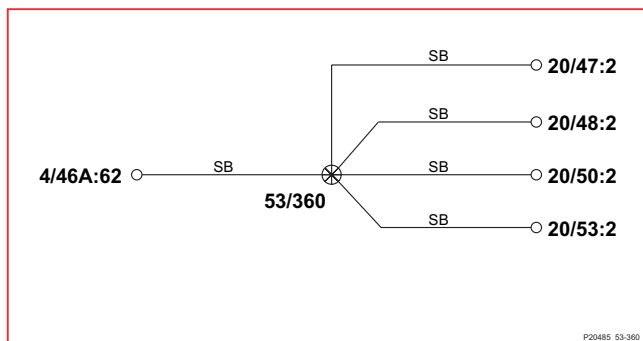
53/360



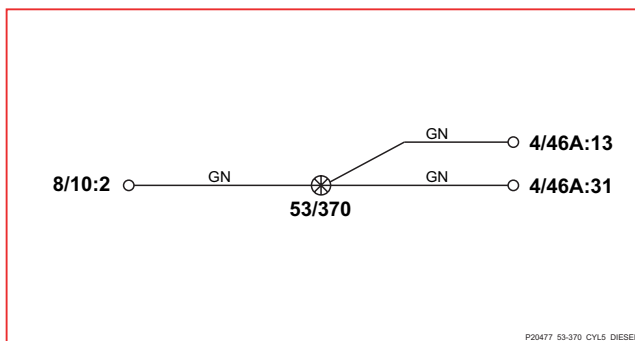
P20477_53-360_5CYL_WOT

Branching points 53/360 8-cyl. - 53/374

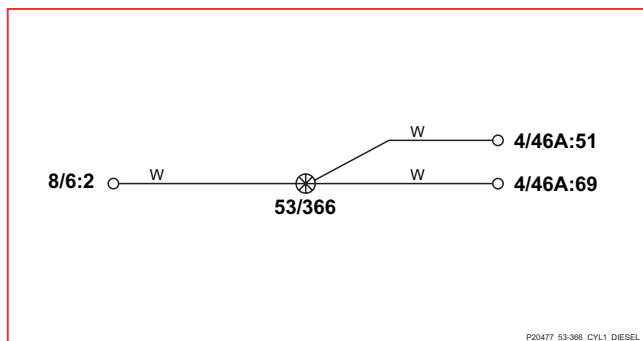
53/360 8-cyl.



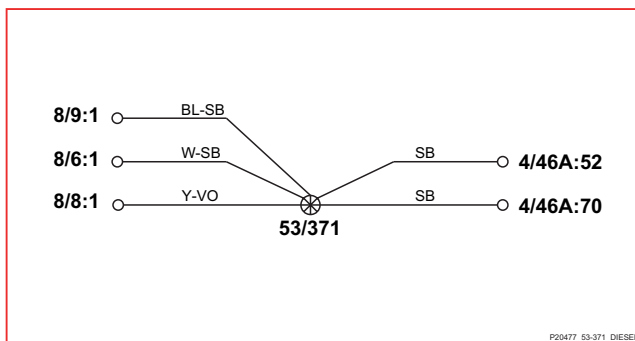
53/370



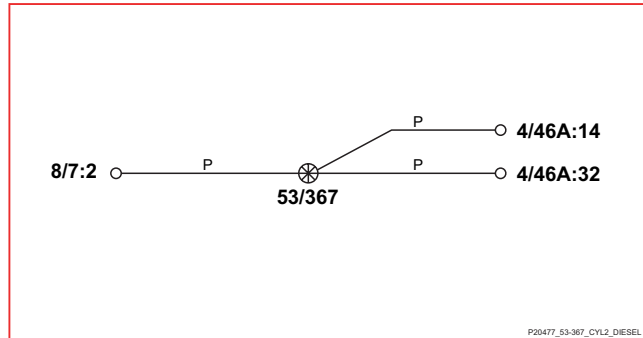
53/366



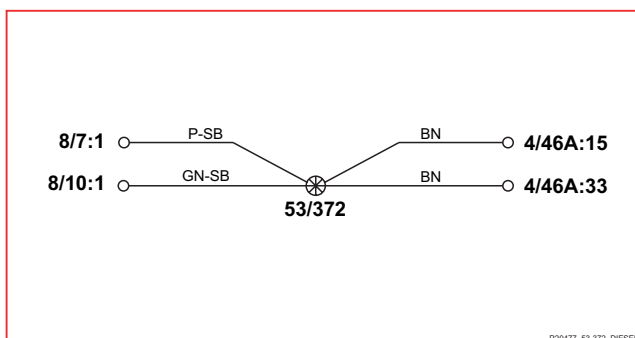
53/371



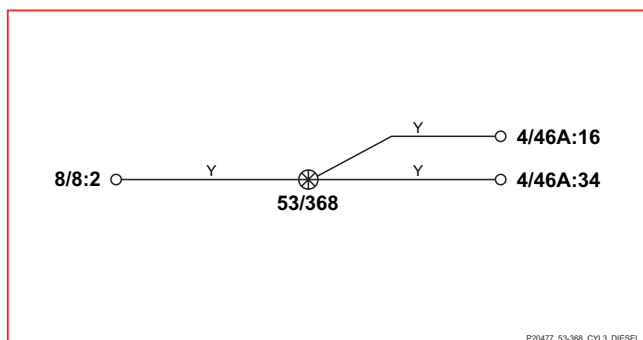
53/367



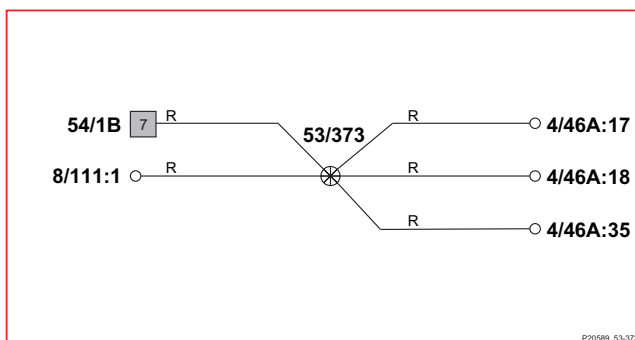
53/372



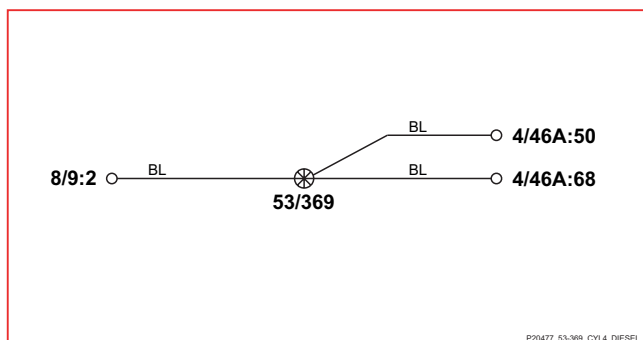
53/368



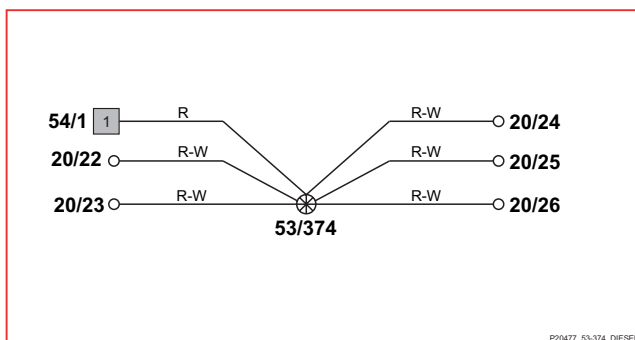
53/373



53/369

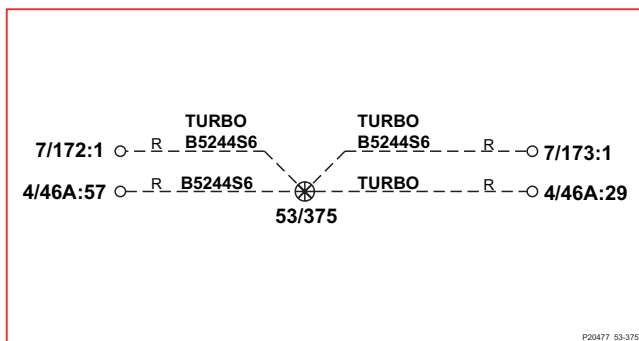


53/374

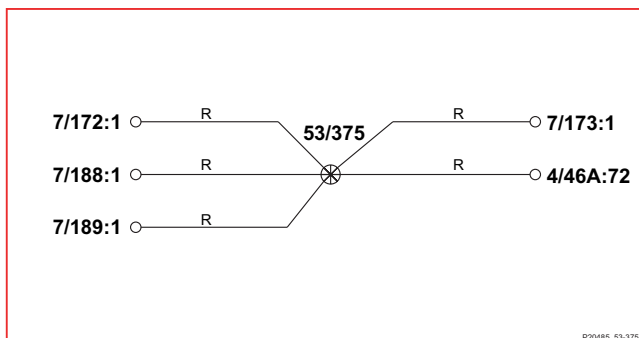


Branching points 53/375 - 53/396

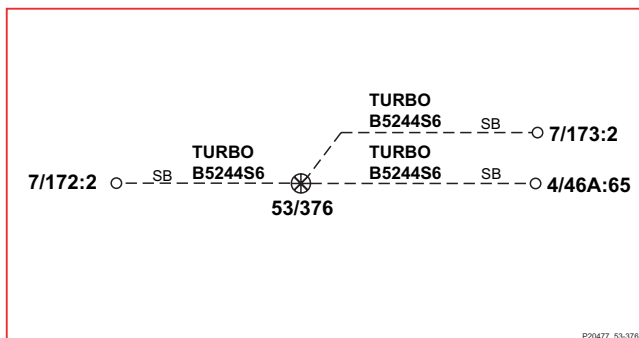
53/375



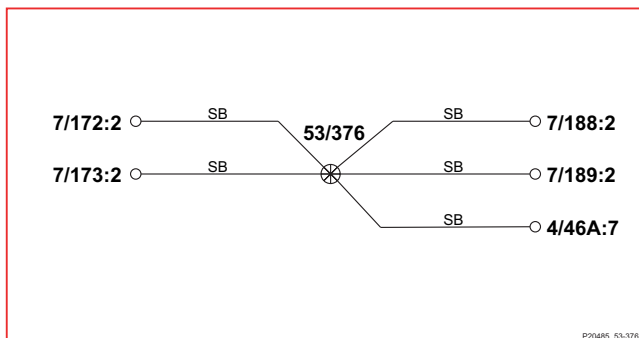
53/375 8-cyl.



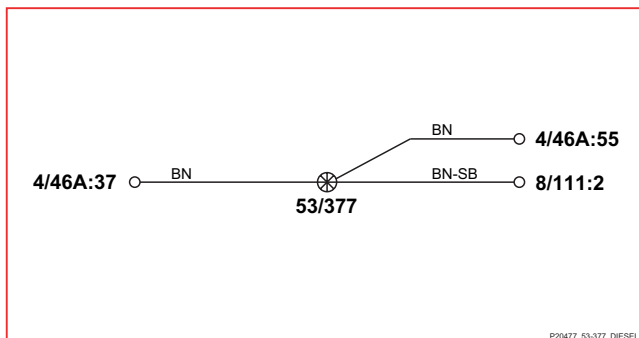
53/376



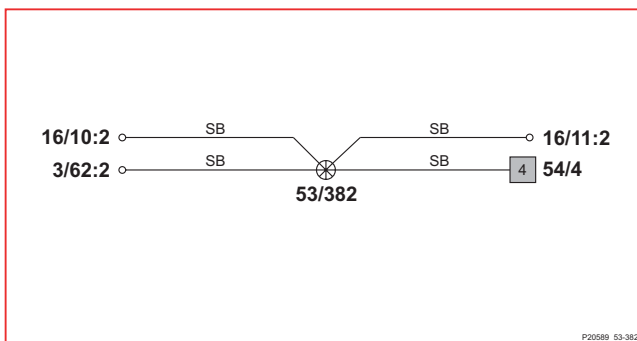
53/376 8-cyl.



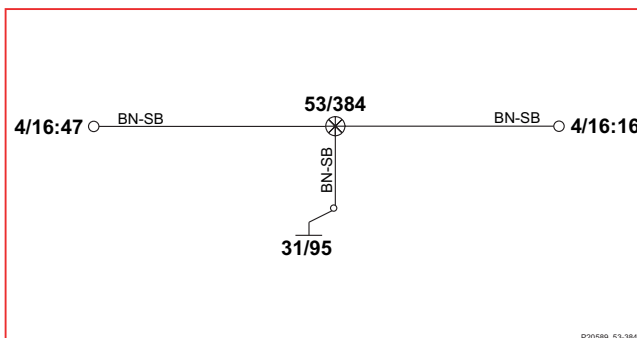
53/377



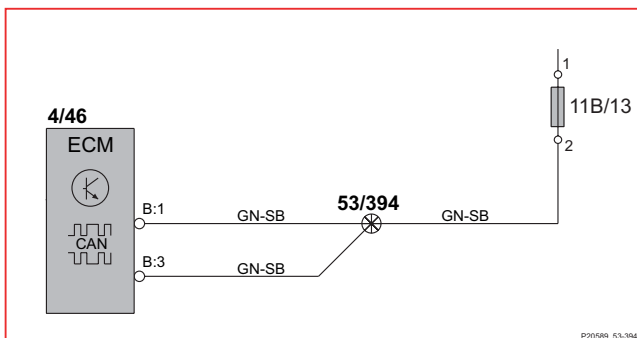
53/382



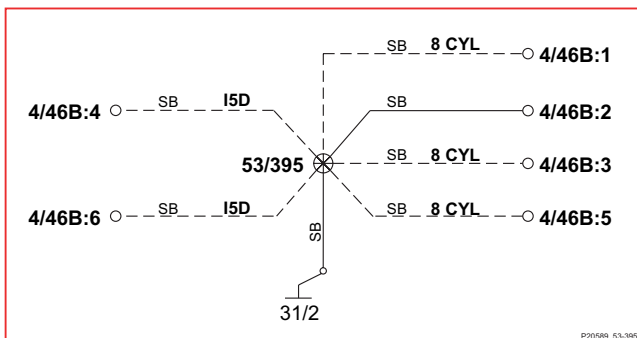
53/384



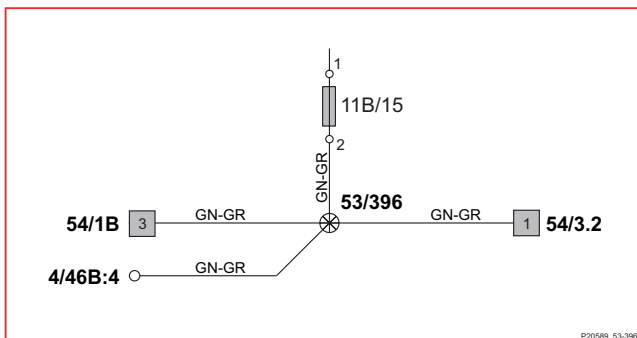
53/394



53/395

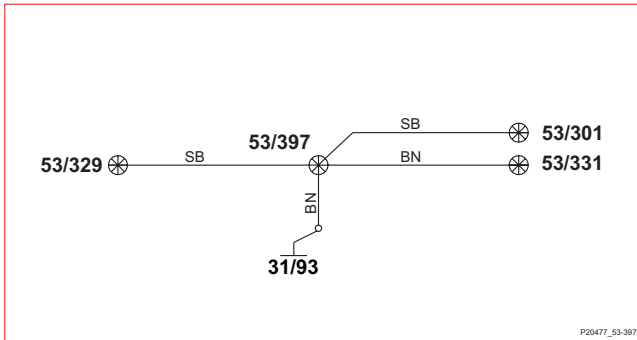


53/396

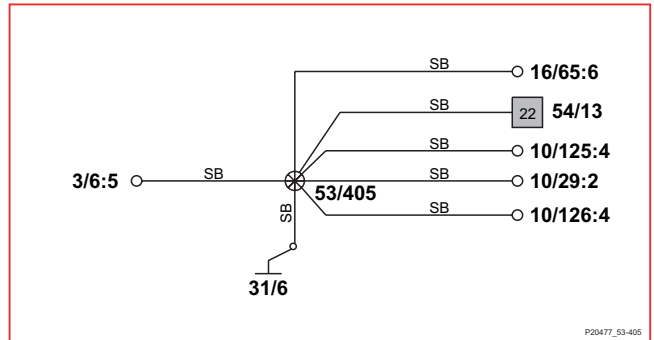


Branching points 53/397 - 53/423

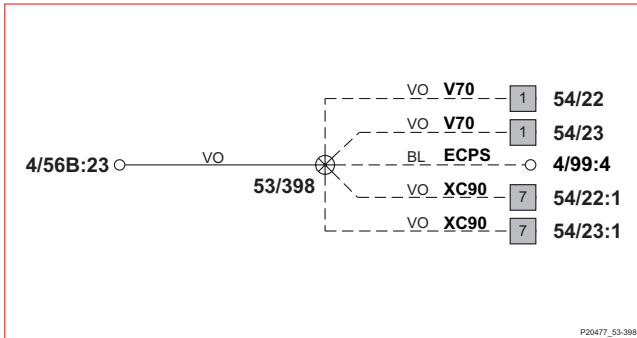
53/397



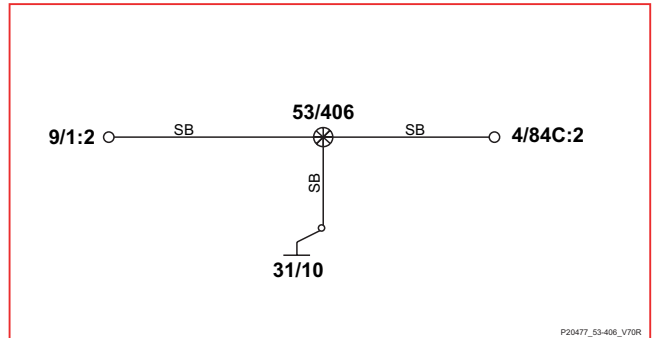
53/405



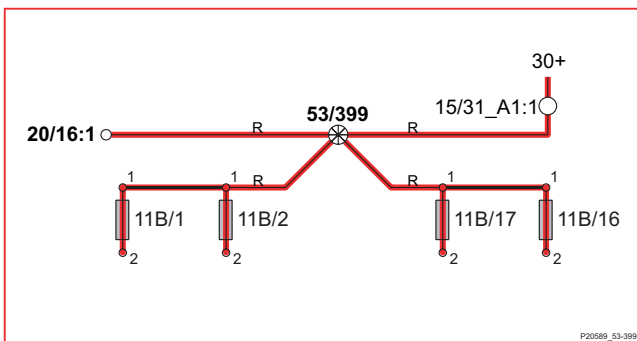
53/398



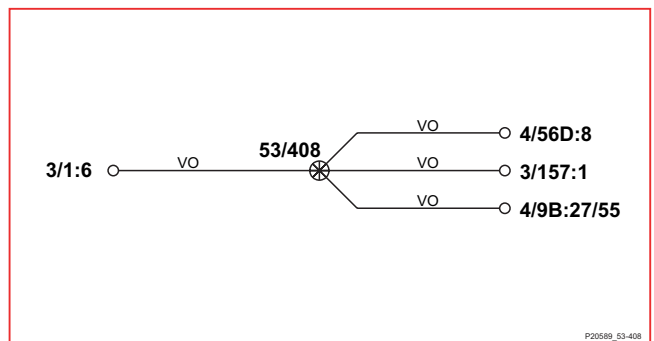
53/406



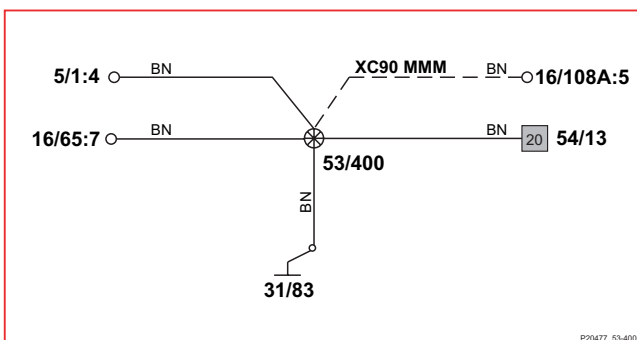
53/399



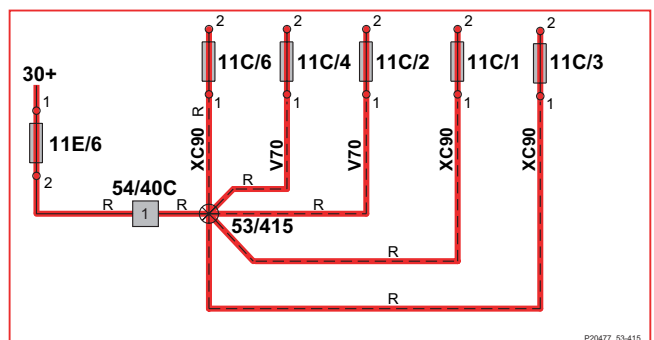
53/408



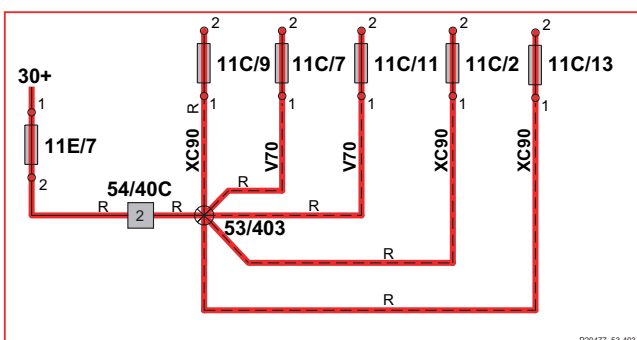
53/400



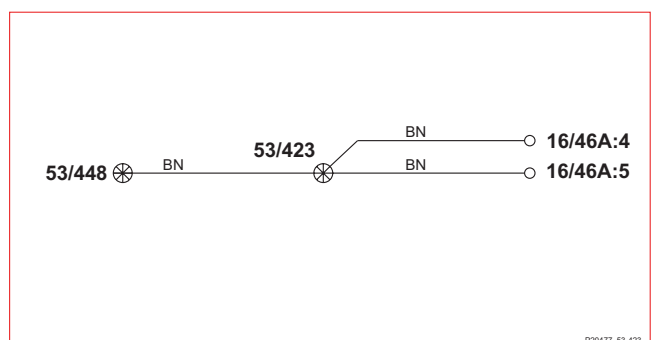
53/415



53/403

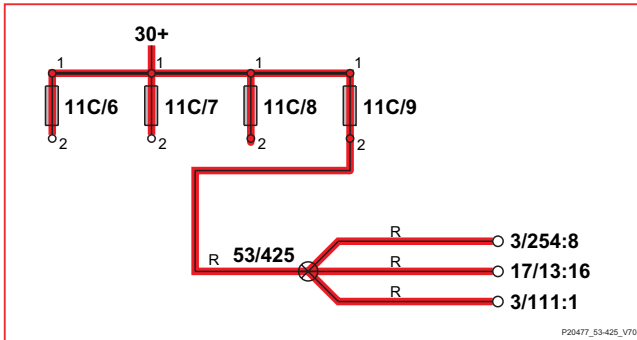


53/423

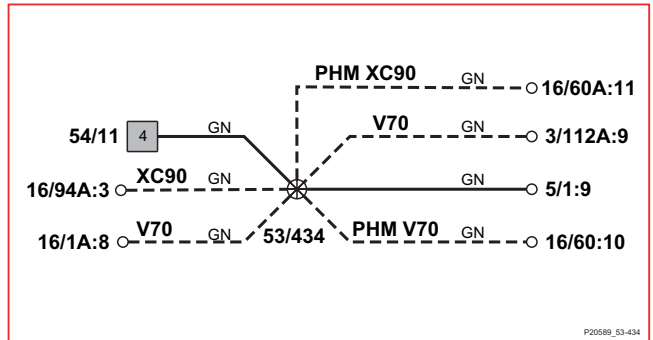


Branching points 53/425 - 53/438

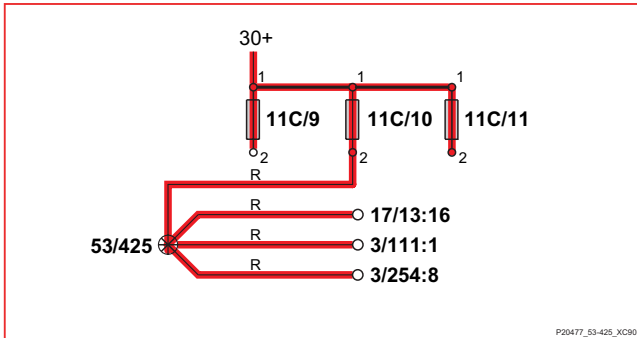
53/425 V70



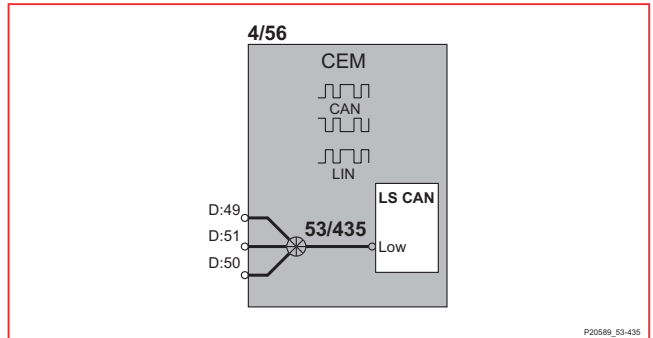
53/434



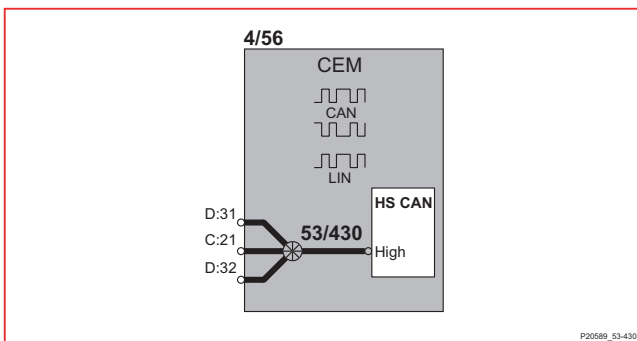
53/425 XC90



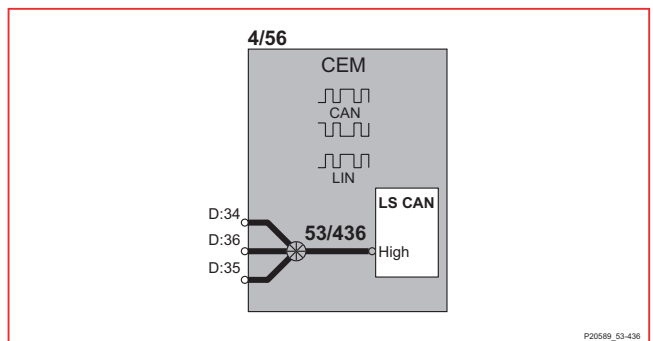
53/435



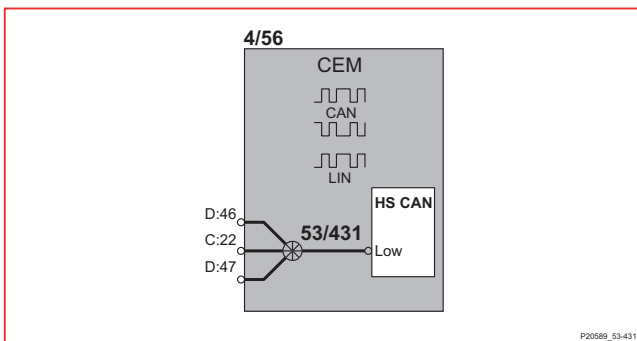
53/430



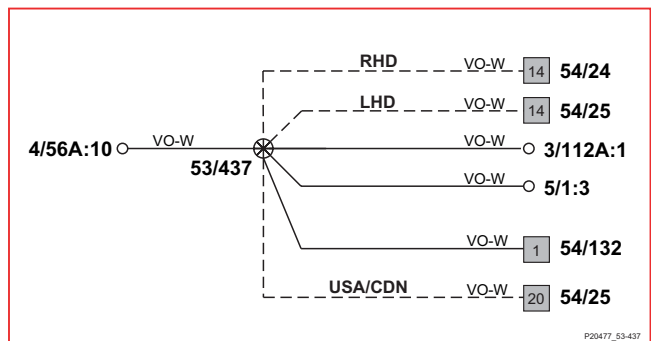
53/436



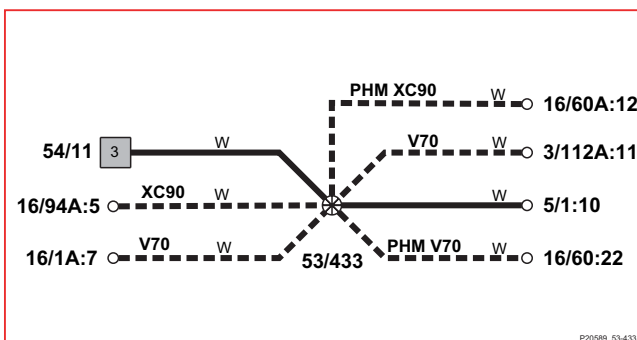
53/431



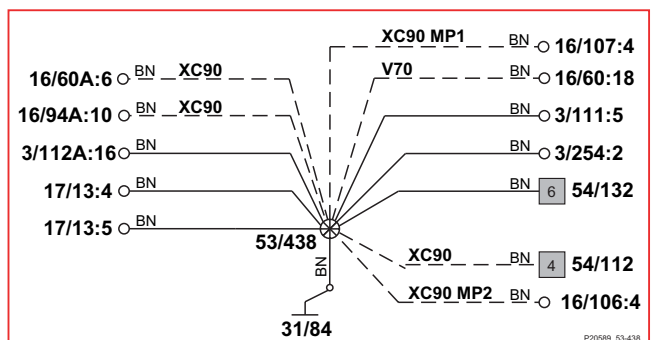
53/437



53/433

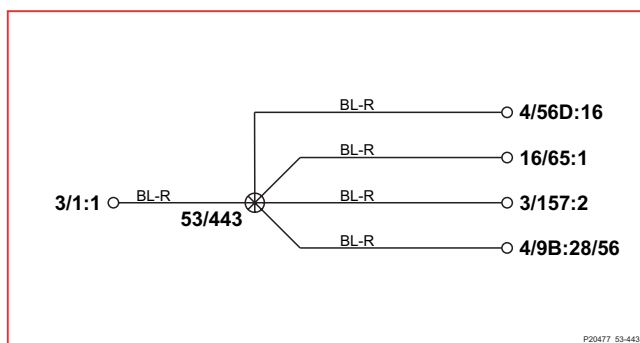


53/438

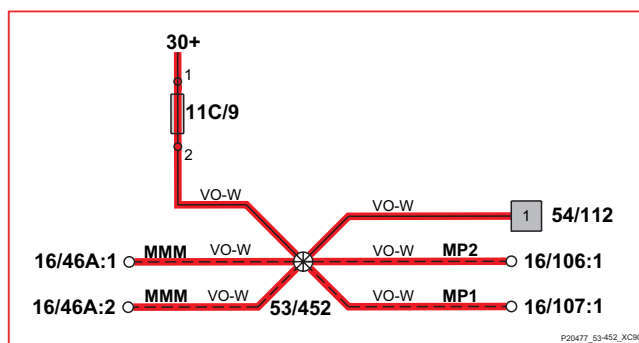


Branching points 53/443 - 53/460

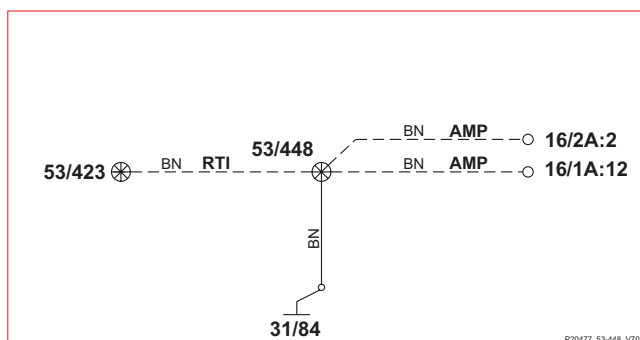
53/443



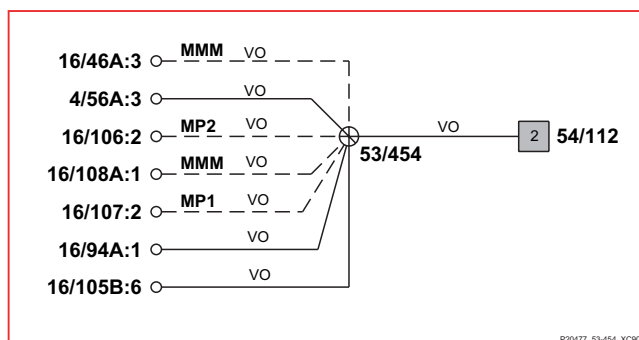
53/452



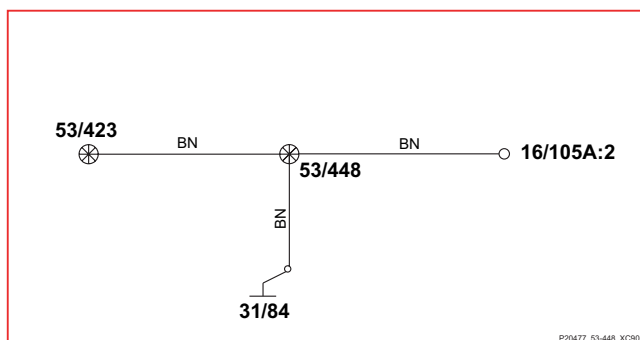
53/448 V70



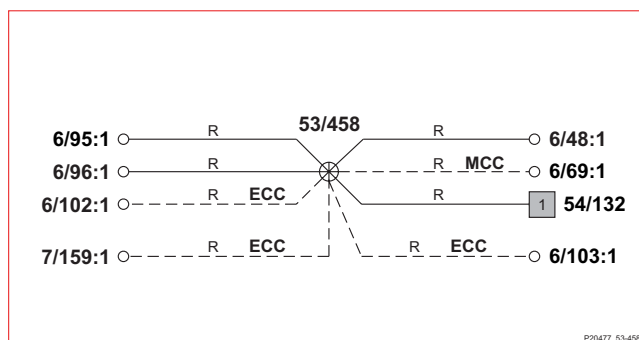
53/454



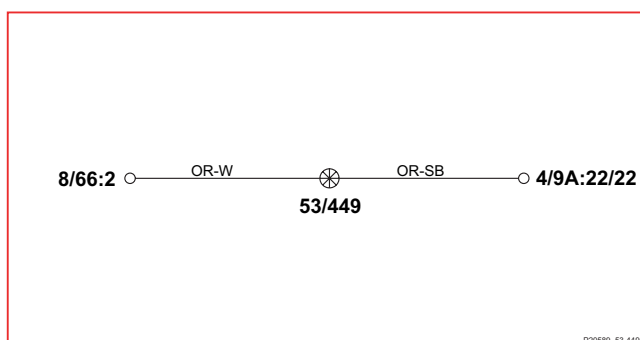
53/448 XC90



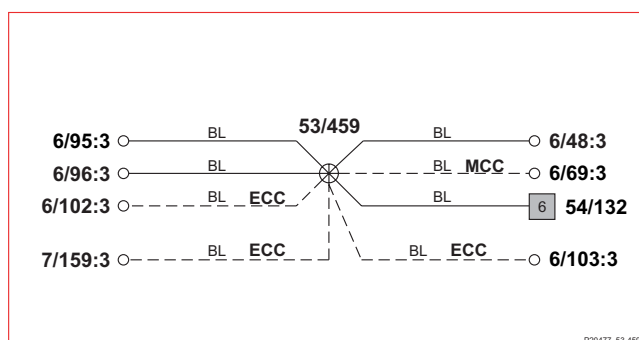
53/458



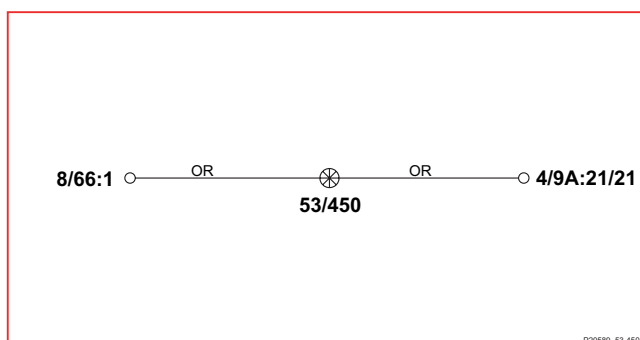
53/449



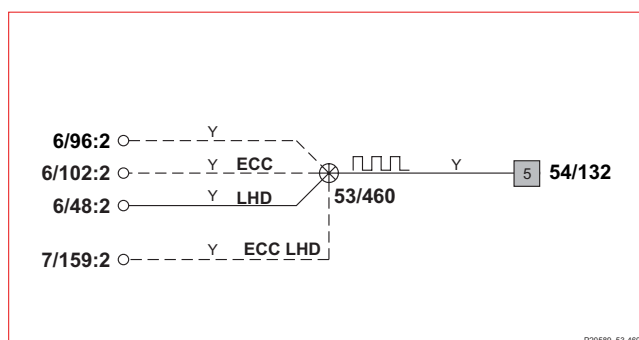
53/459



53/450

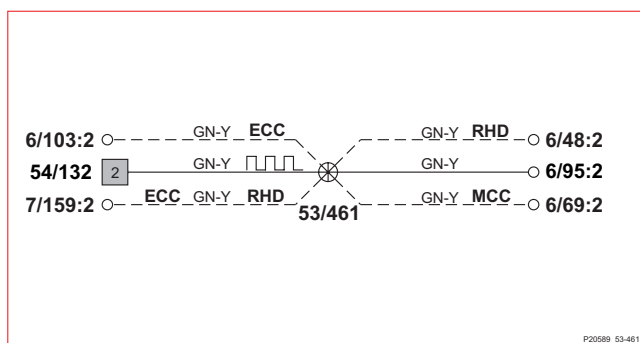


53/460



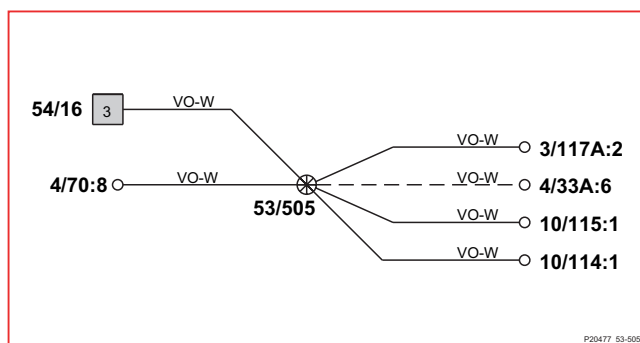
Branching points 53/461 - 53/513

53/461



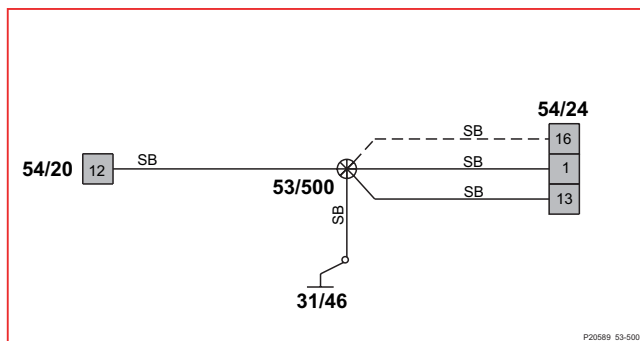
P20589_53-461

53/505



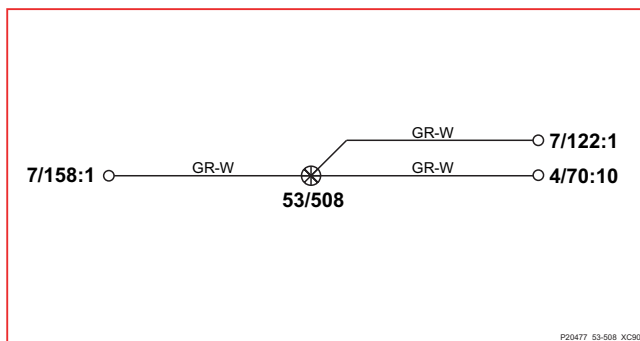
P20477_53-505

53/500



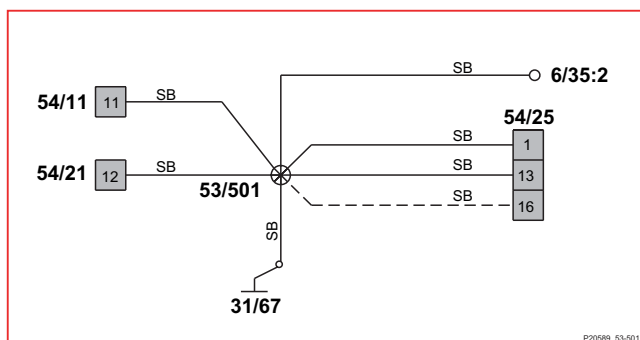
P20589_53-500

53/508



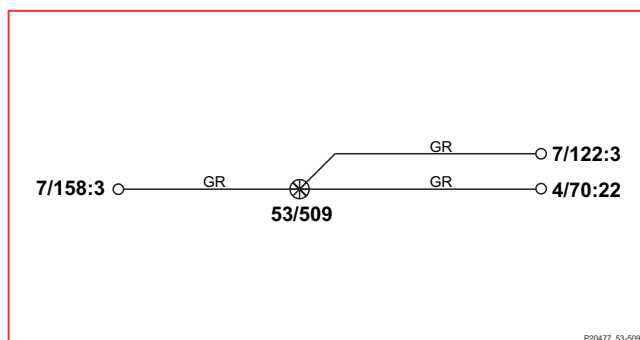
P20477_53-508_XC90

53/501



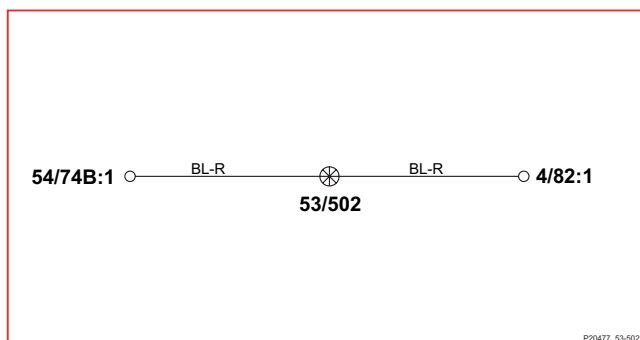
P20589_53-501

53/509



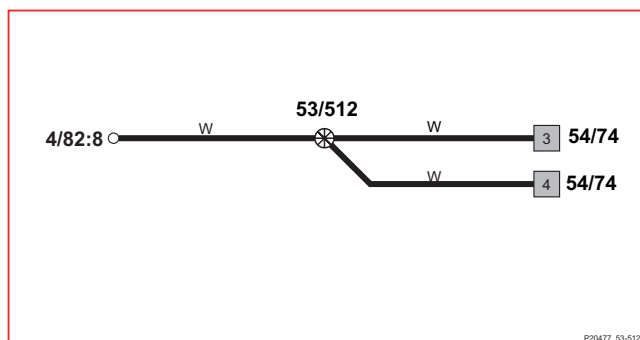
P20477_53-509

53/502



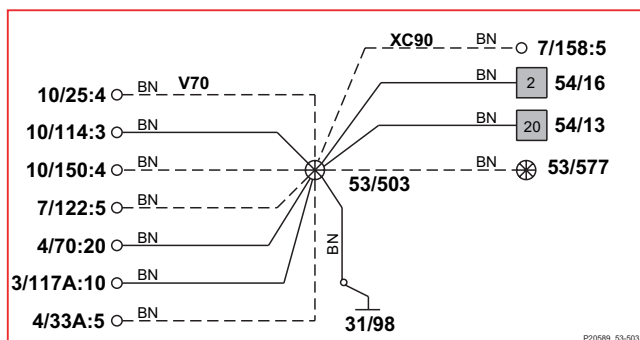
P20477_53-502

53/512



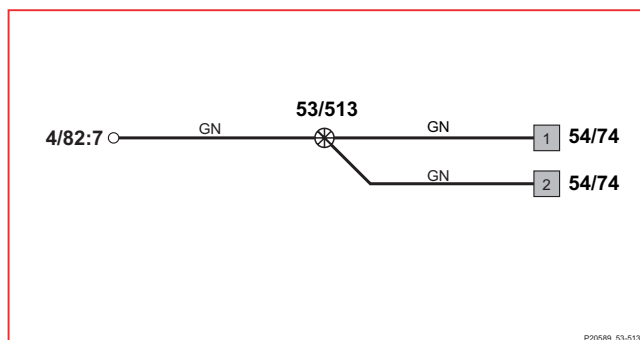
P20477_53-512

53/503



P20589_53-503

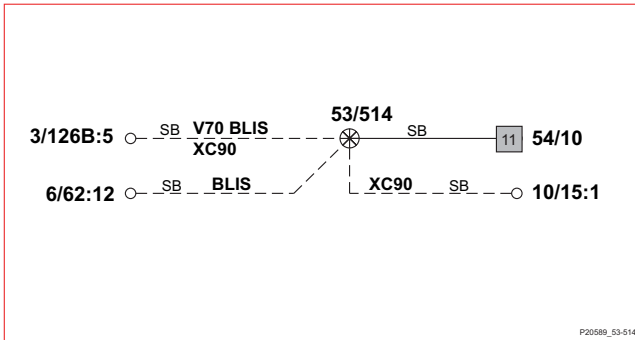
53/513



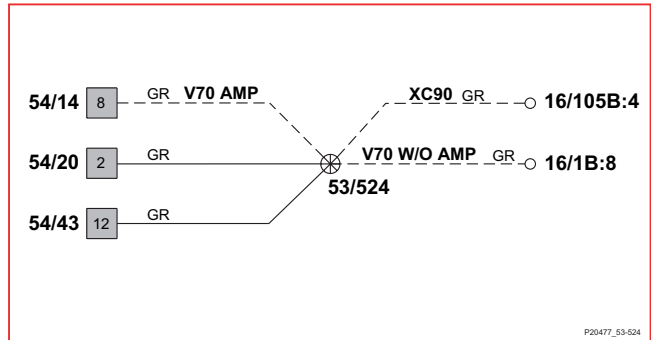
P20589_53-513

Branching points 53/514 - 53/534 XC90

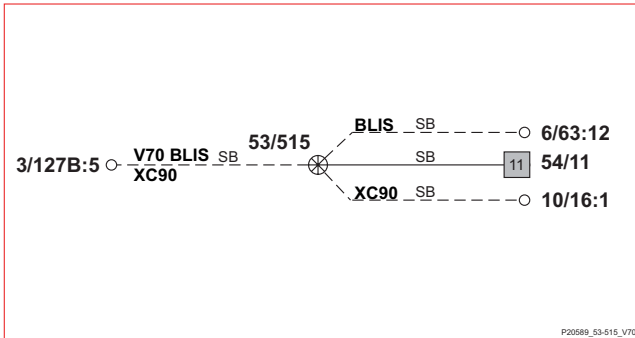
53/514



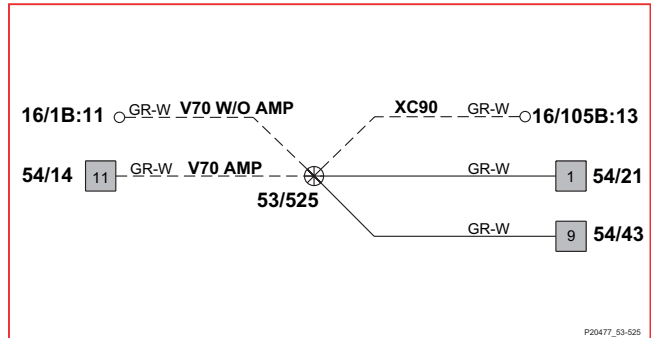
53/524



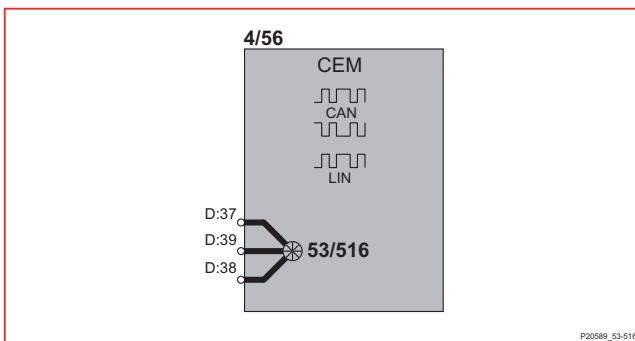
53/515



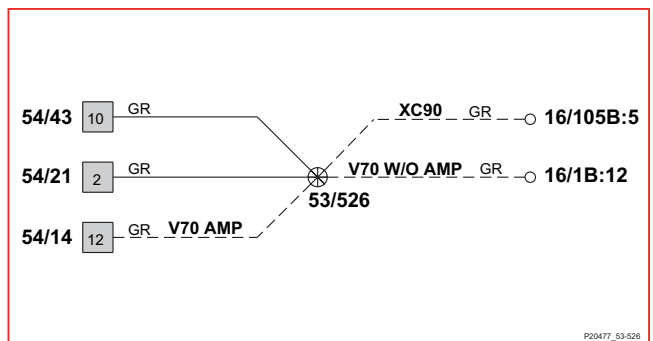
53/525



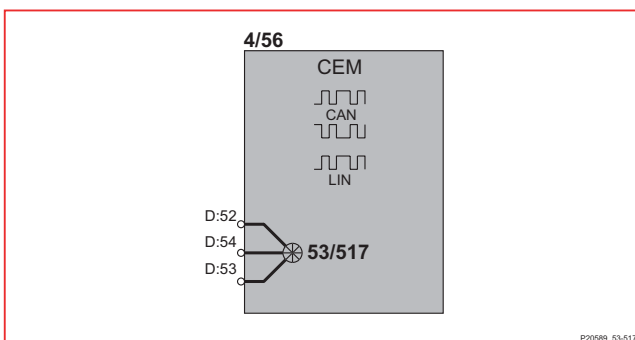
53/516



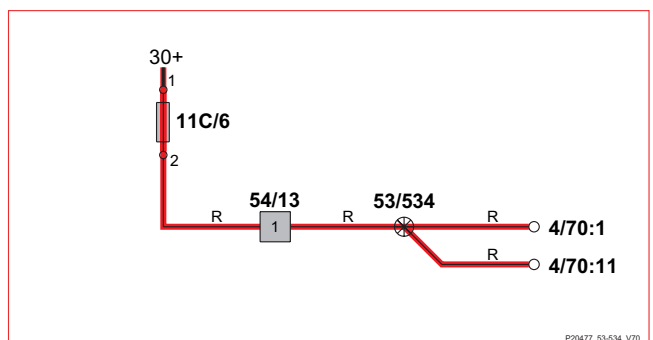
53/526



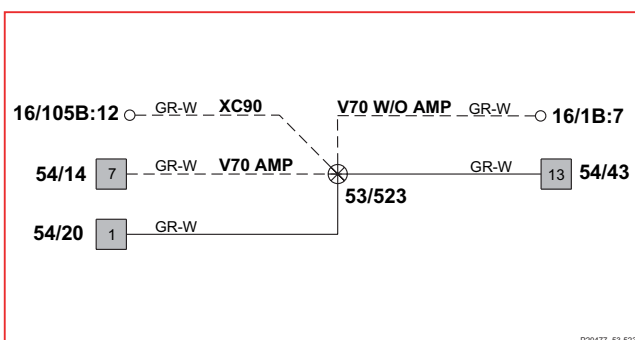
53/517



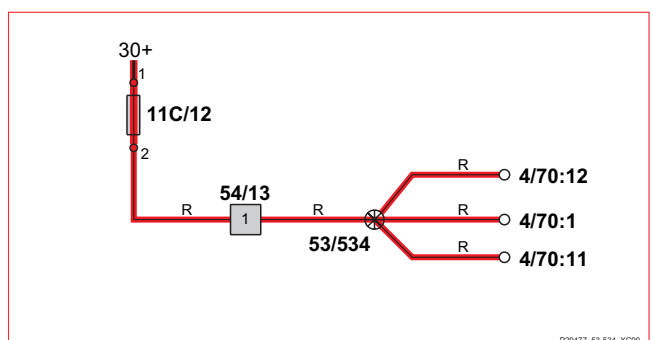
53/534 V70



53/523

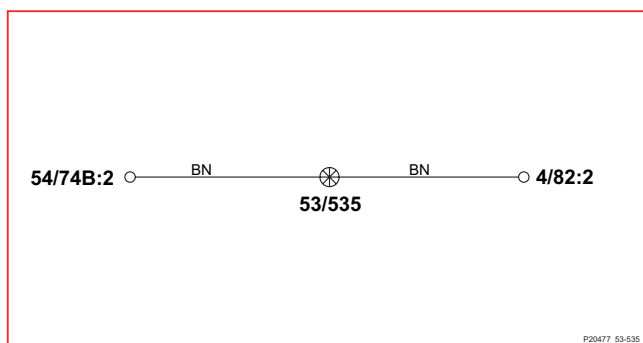


53/534 XC90

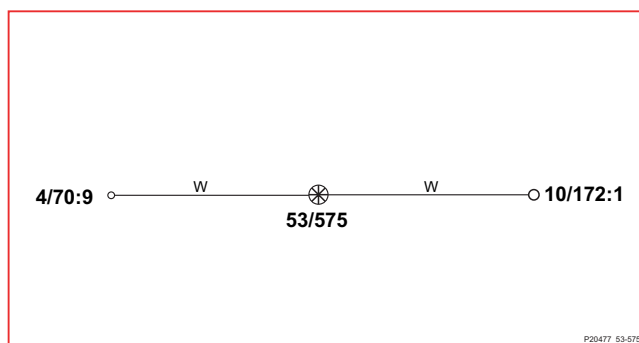


Branching points 53/535 - 53/579

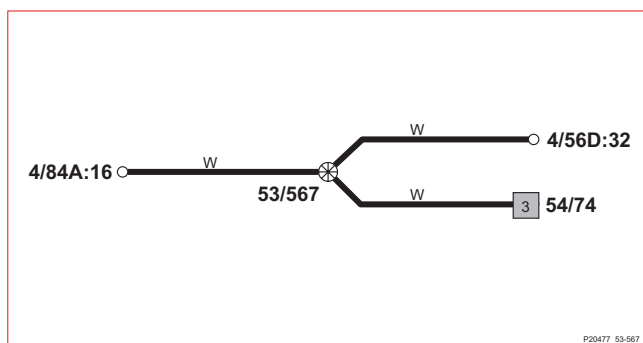
53/535



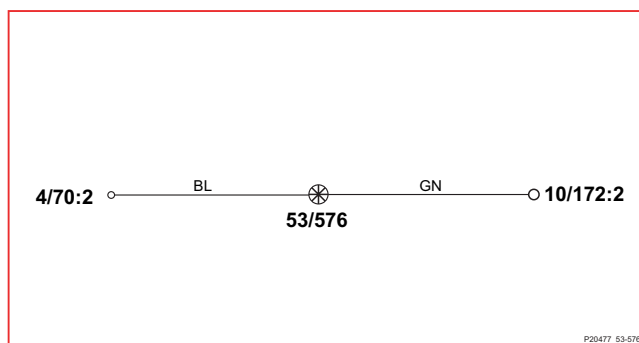
53/575



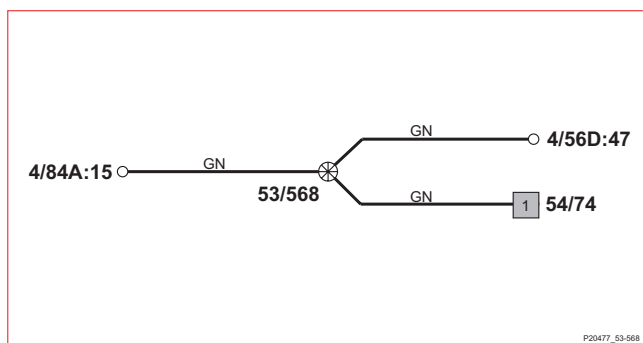
53/567



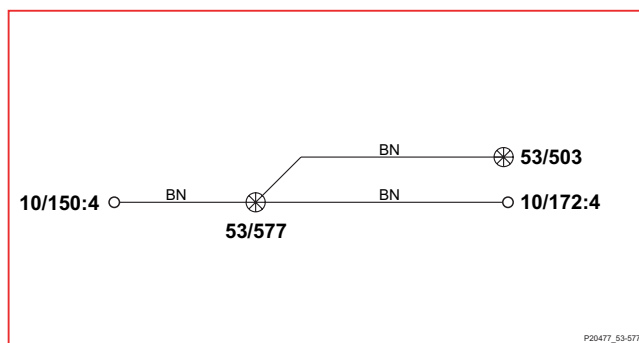
53/576



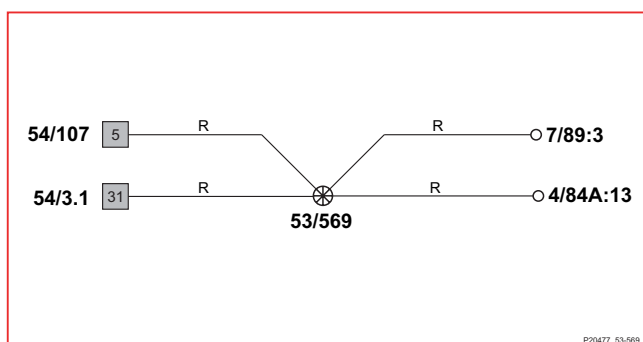
53/568



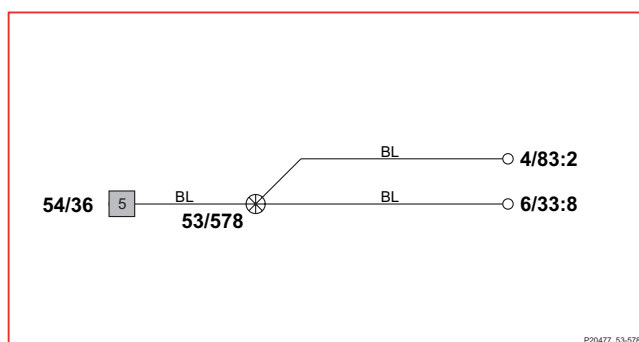
53/577



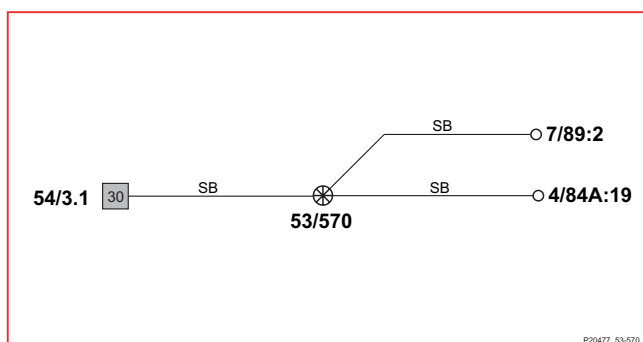
53/569



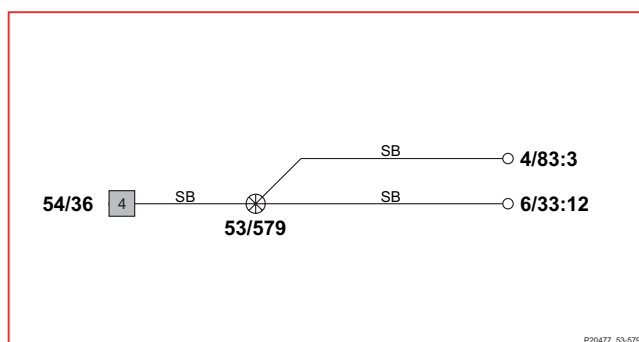
53/578



53/570

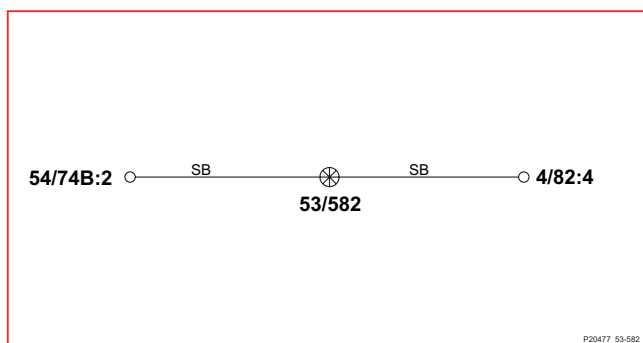


53/579

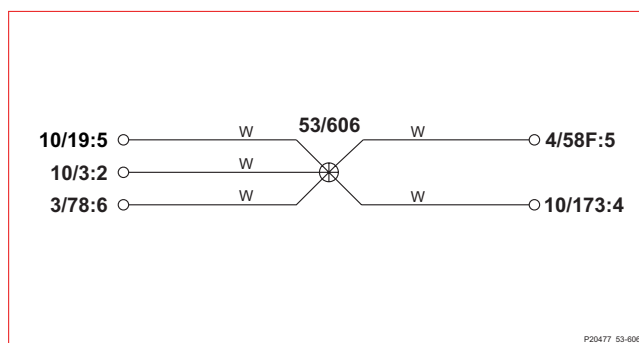


Branching points 53/582 - 53/655

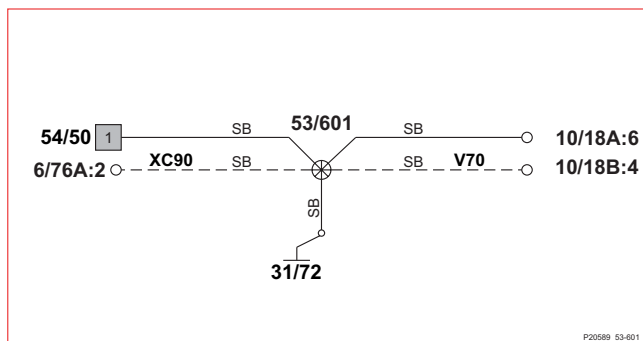
53/582



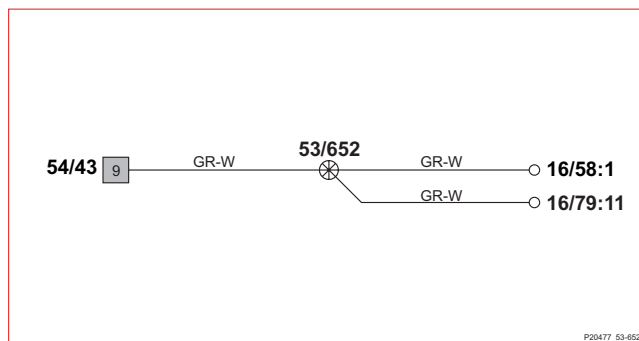
53/606



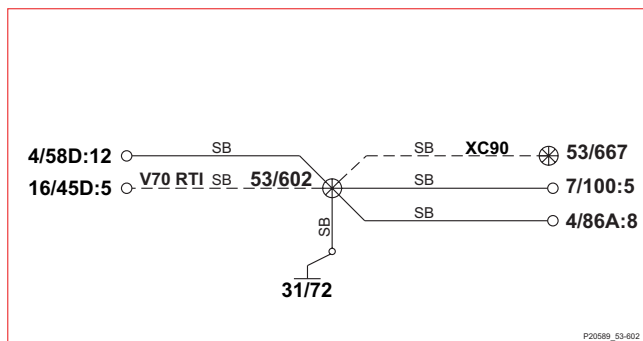
53/601



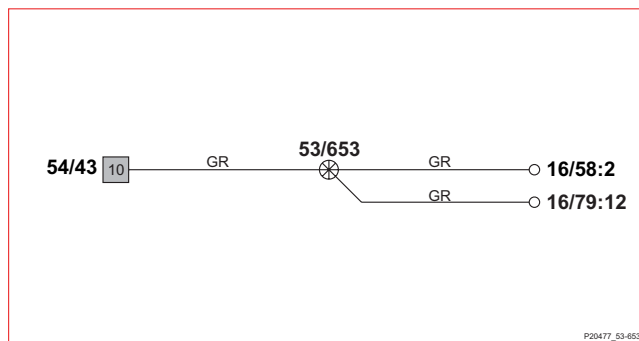
53/652



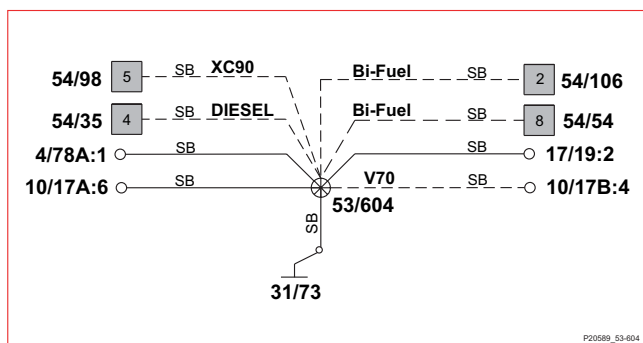
53/602



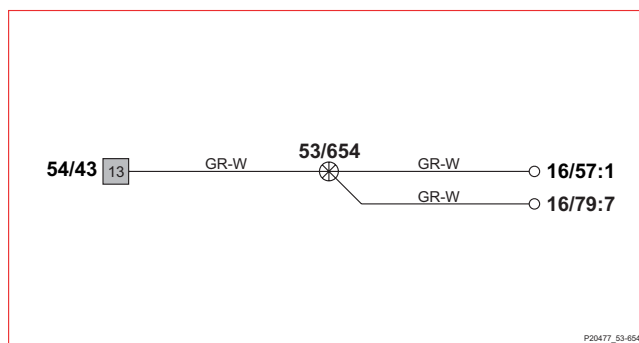
53/653



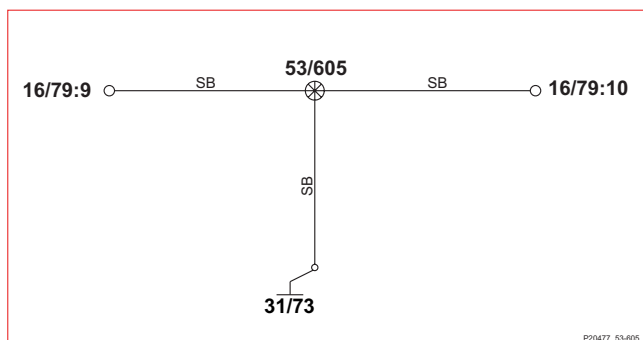
53/604



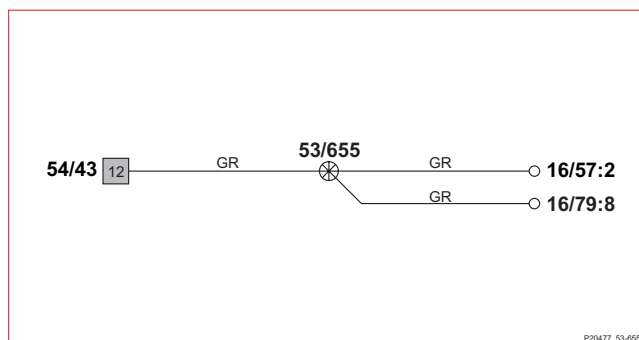
53/654



53/605

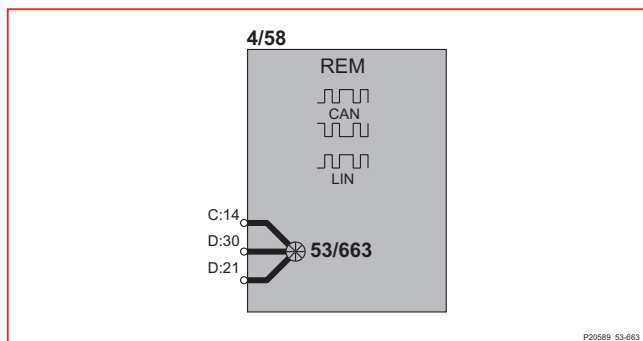


53/655

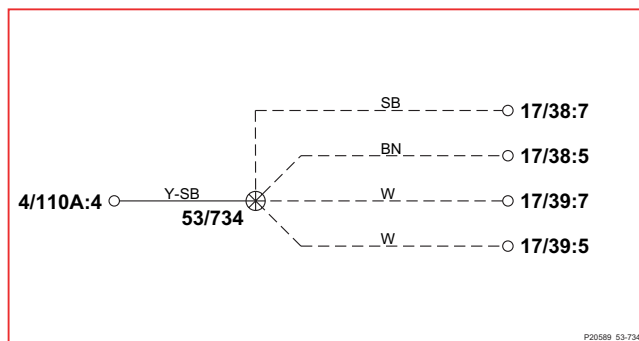


Branching points 53/663 - 53/737

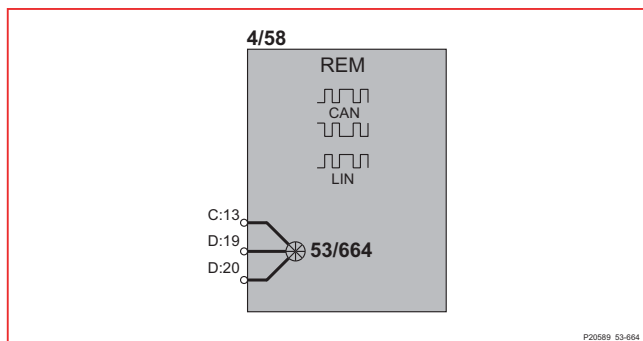
53/663



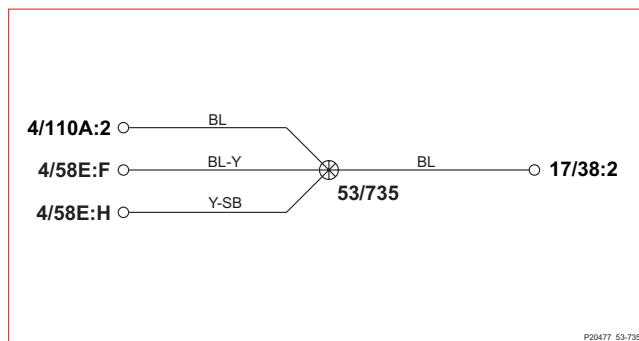
53/734



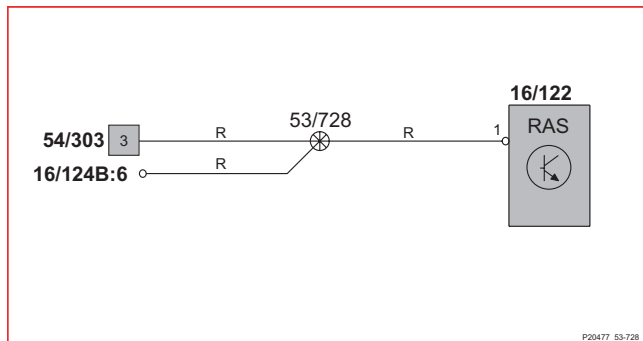
53/664



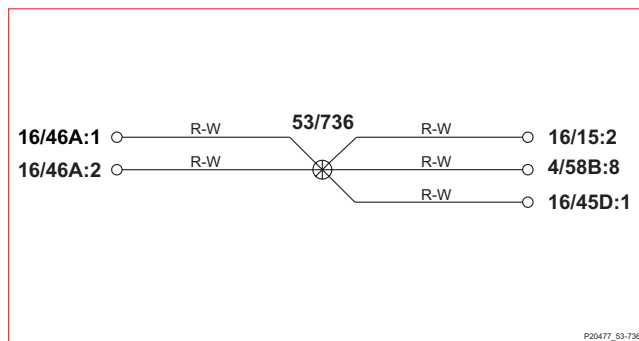
53/735



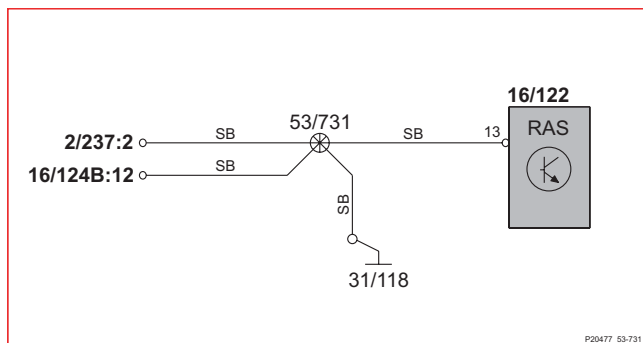
53/728



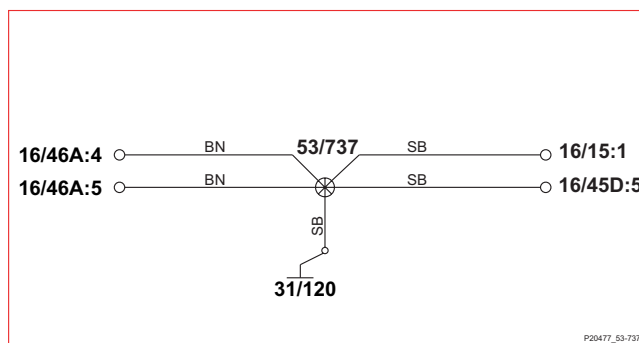
53/736



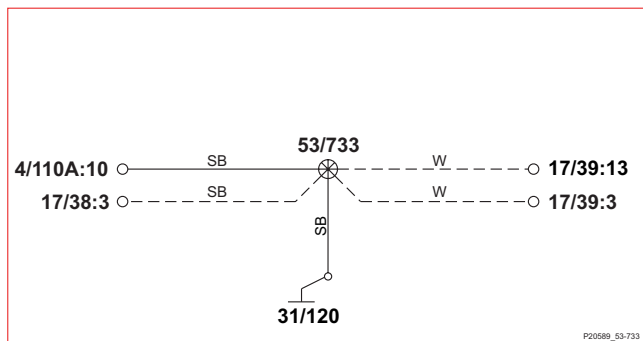
53/731



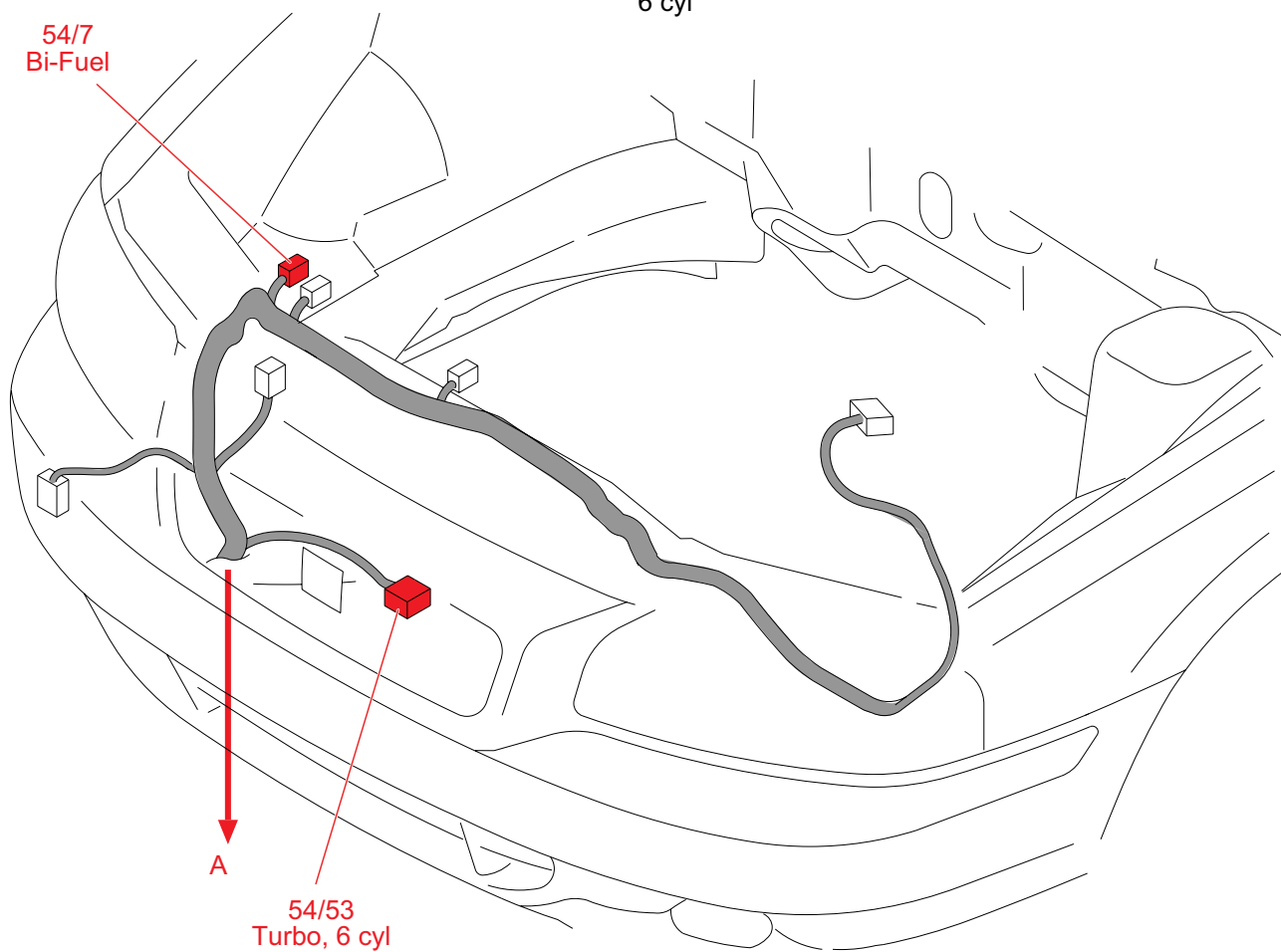
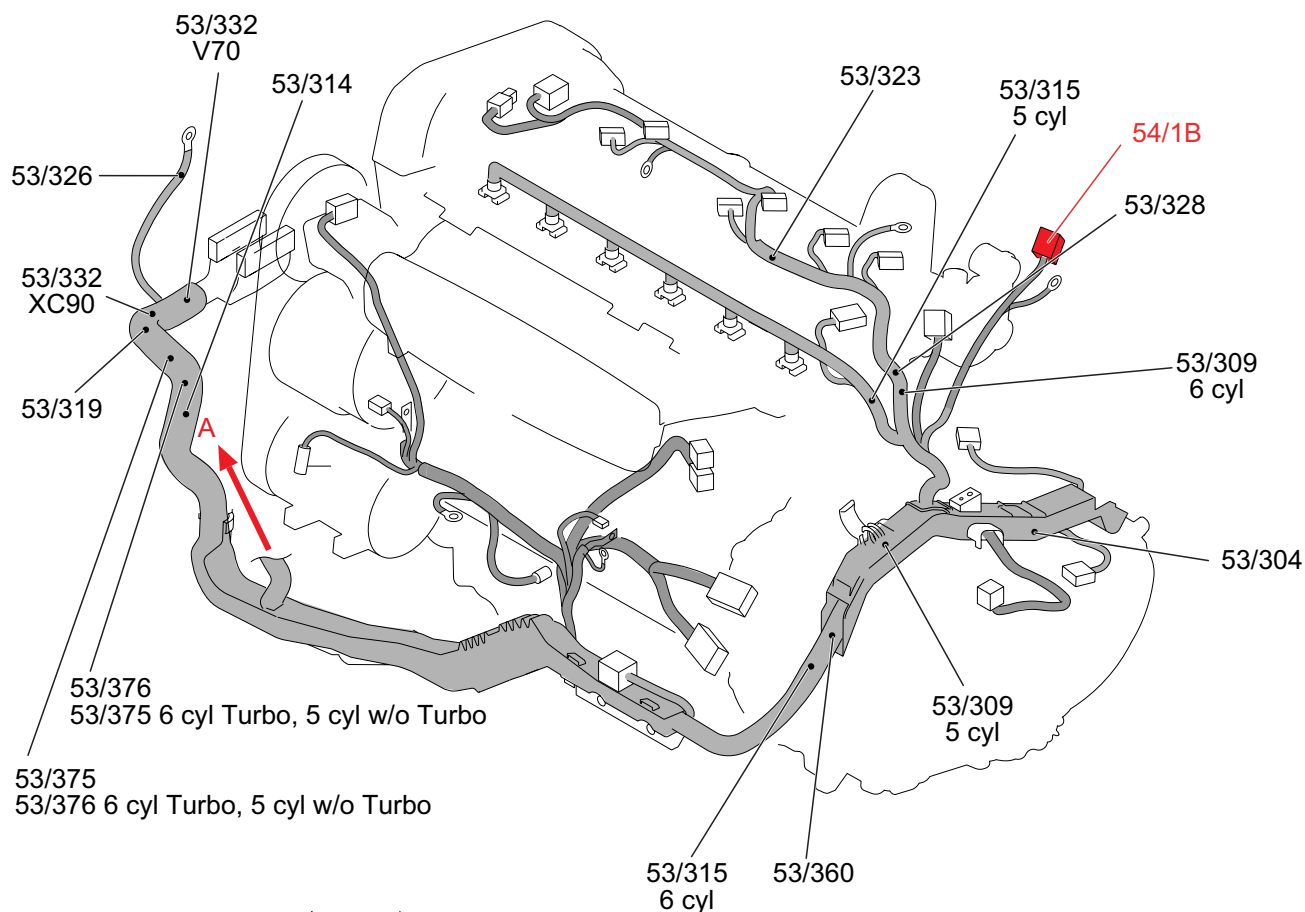
53/737



53/733

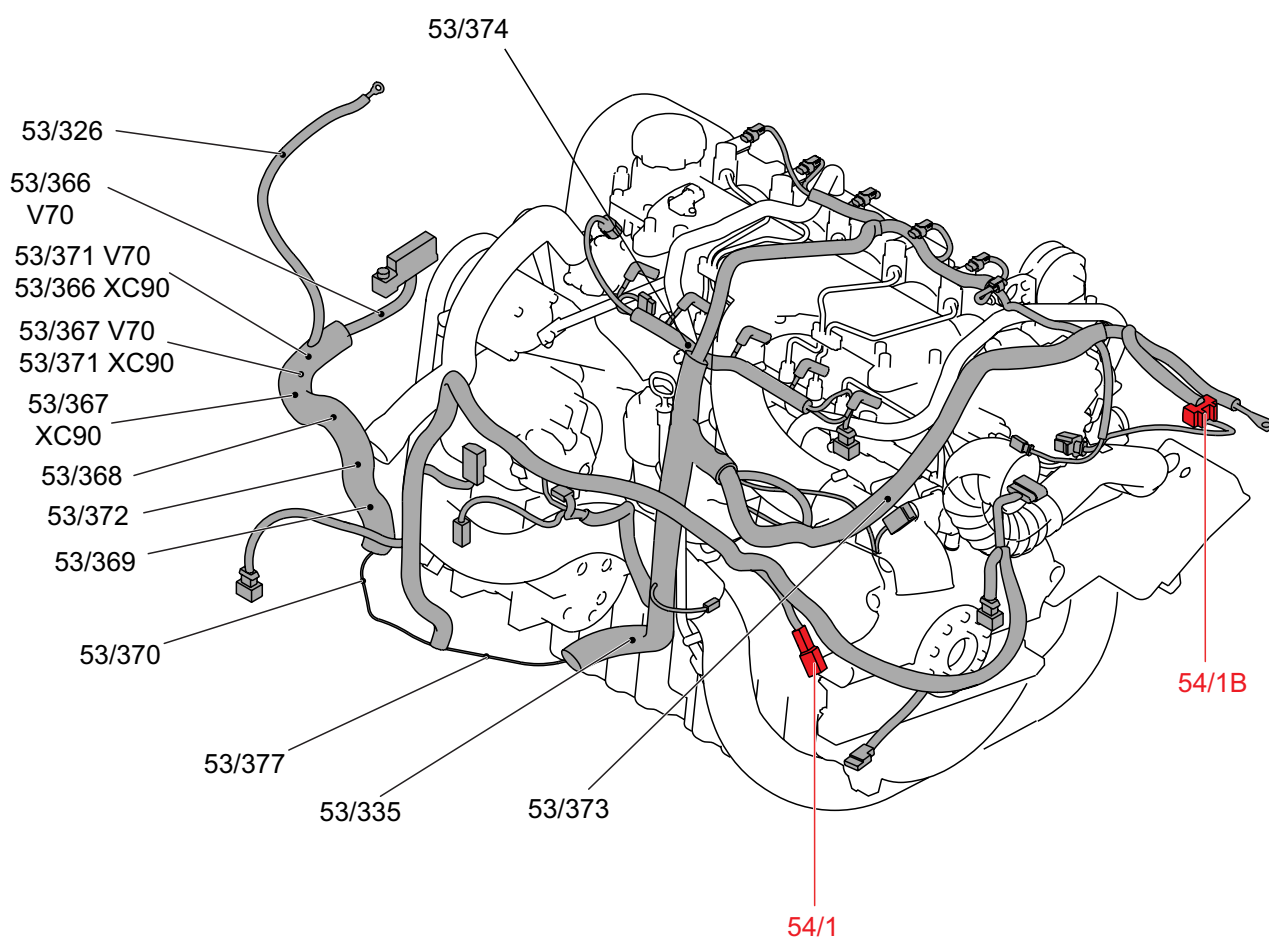


Cable harness routine in vehicle Engine harness, gasoline



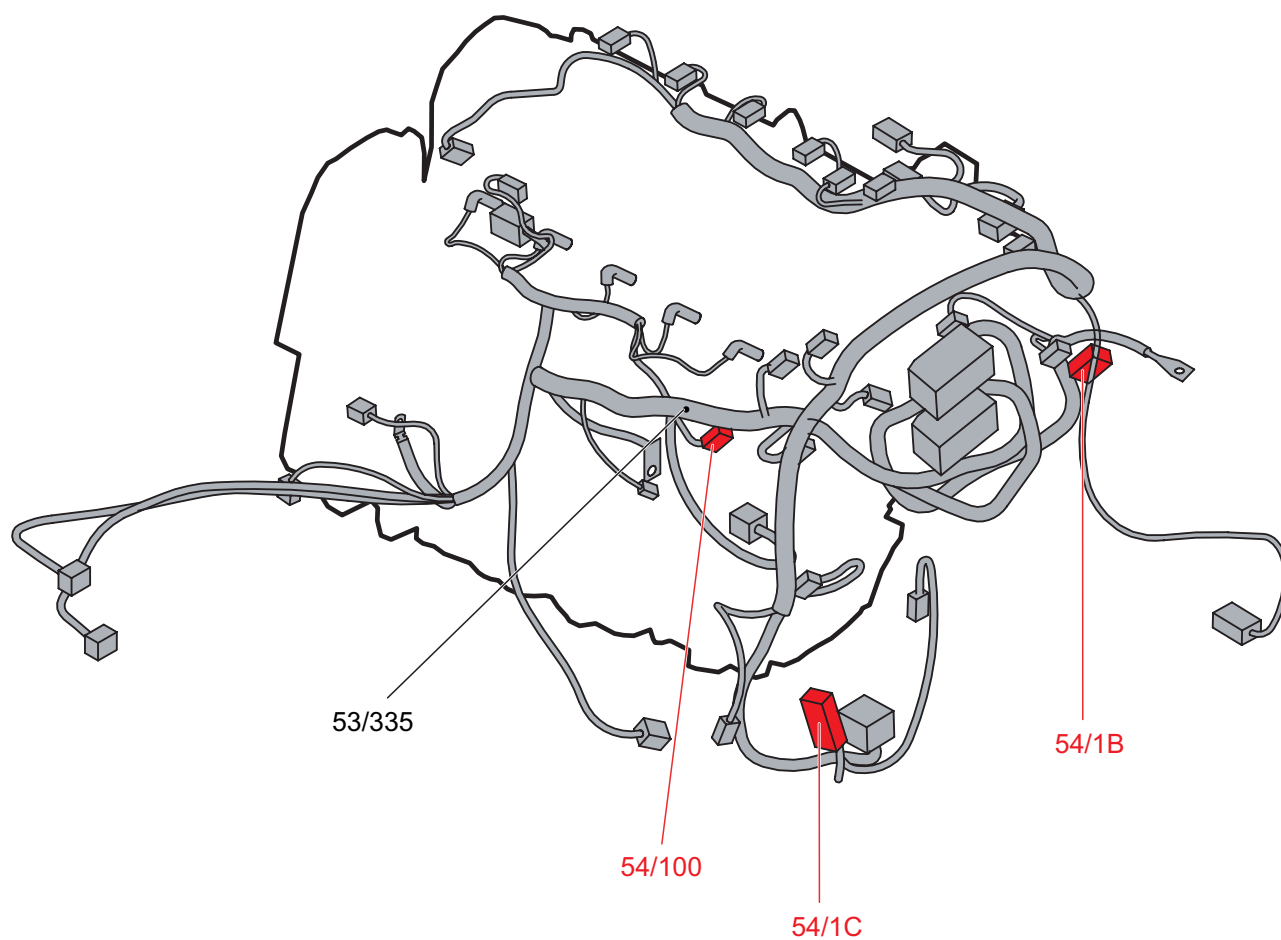
Cable harness routine in vehicle

Engine harness, diesel

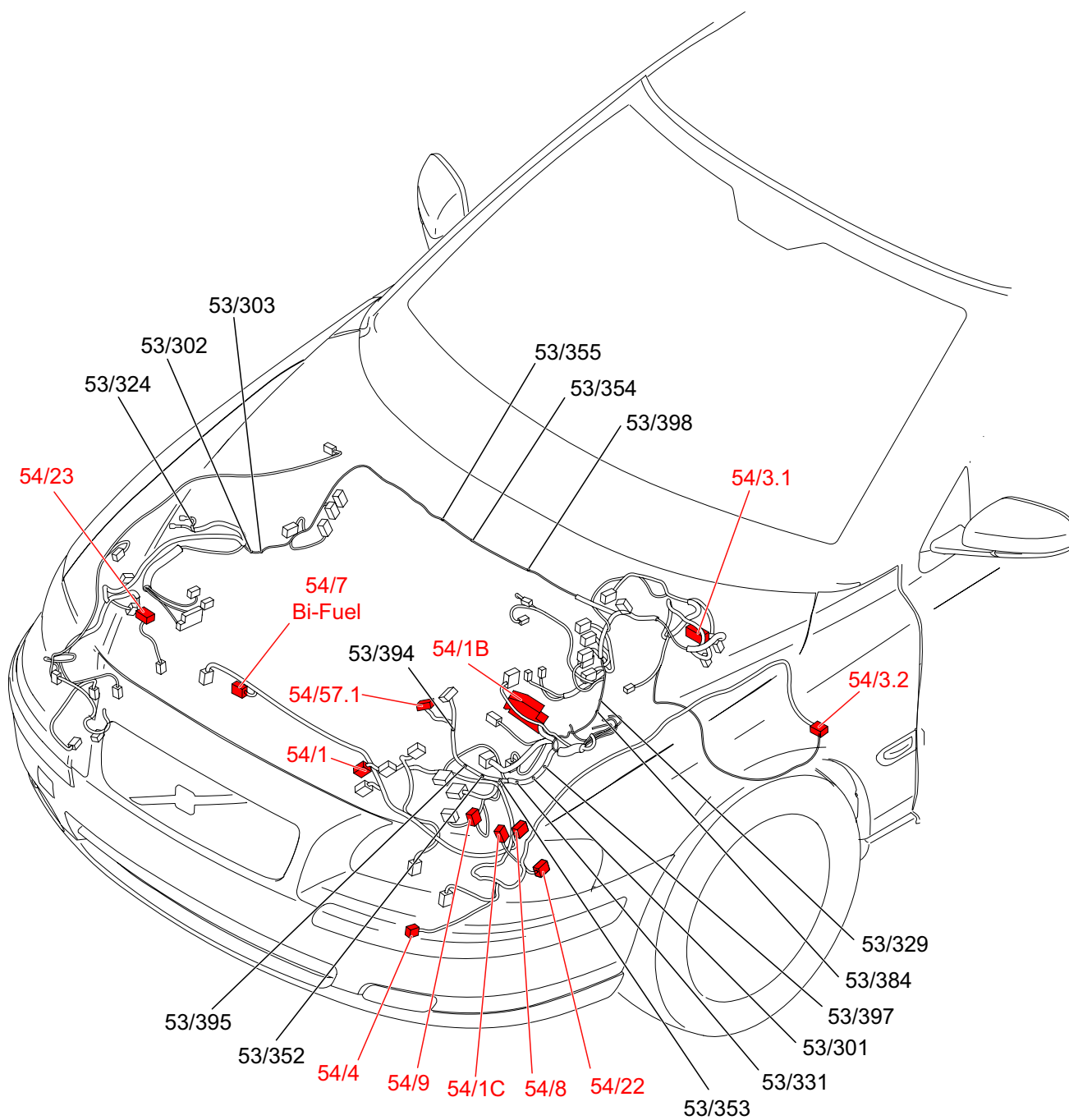


Cable harness routine in vehicle

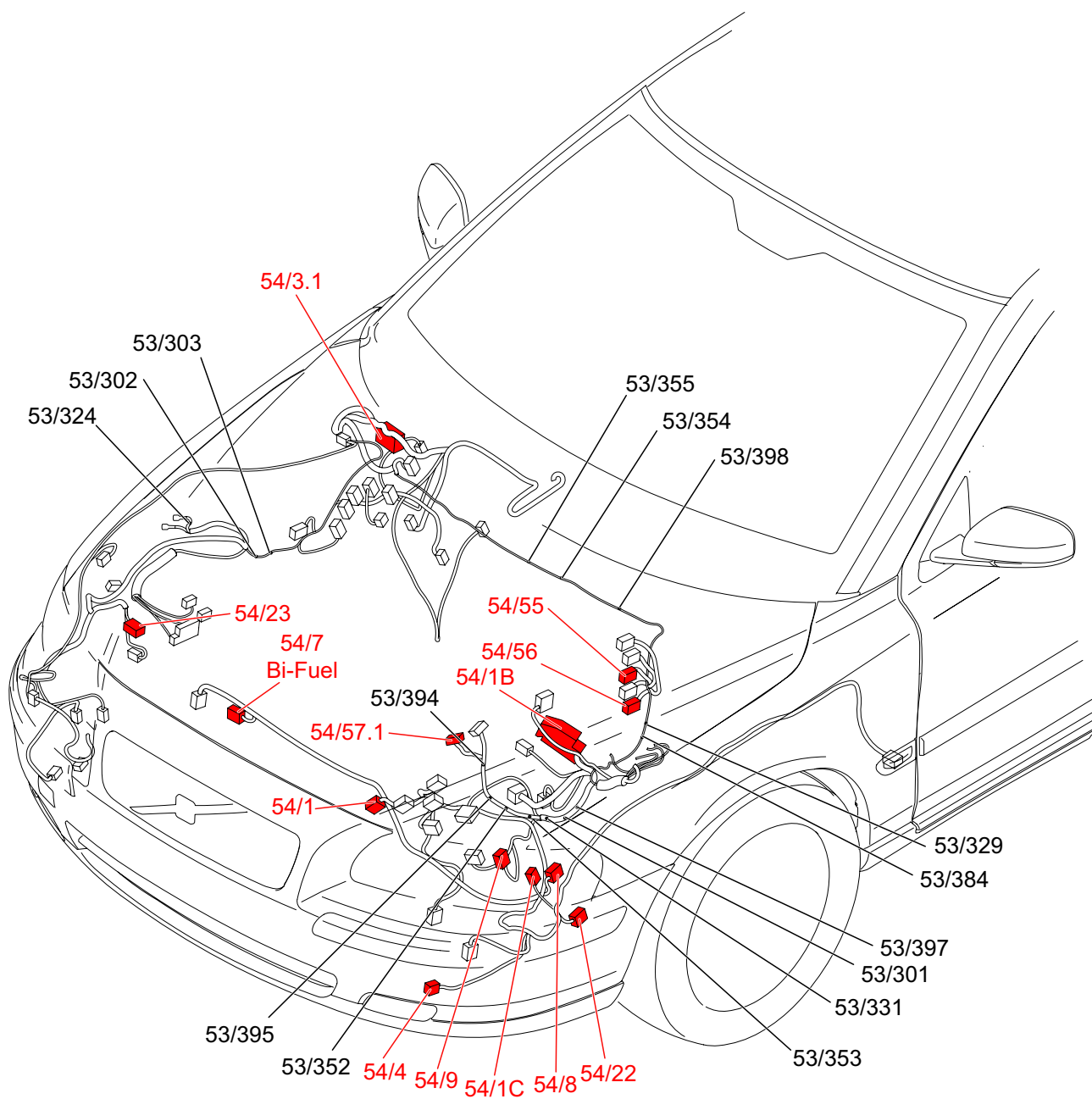
Engine harness, I5D



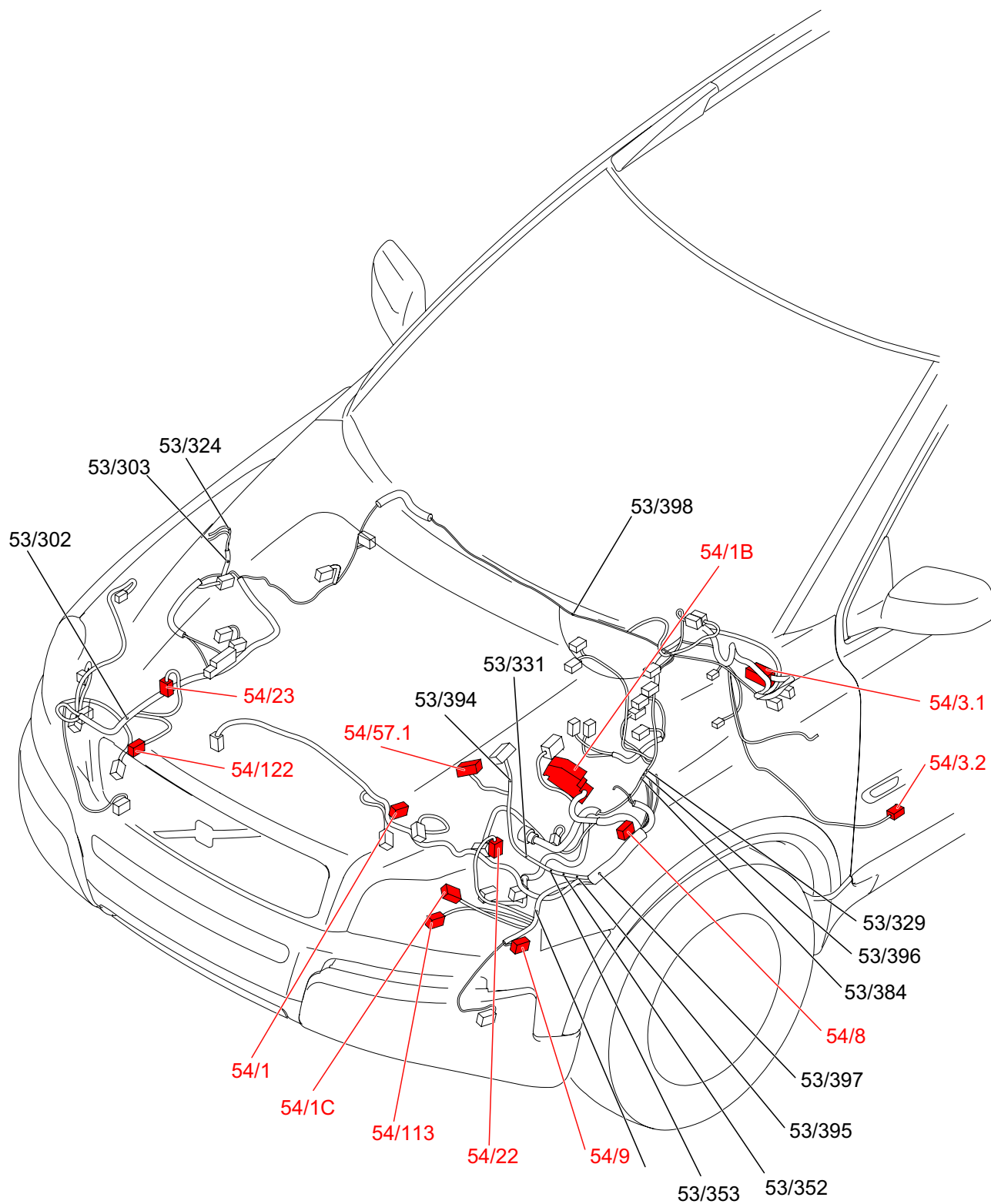
Cable harness routine in vehicle **Engine compartment harness LHD, V70**



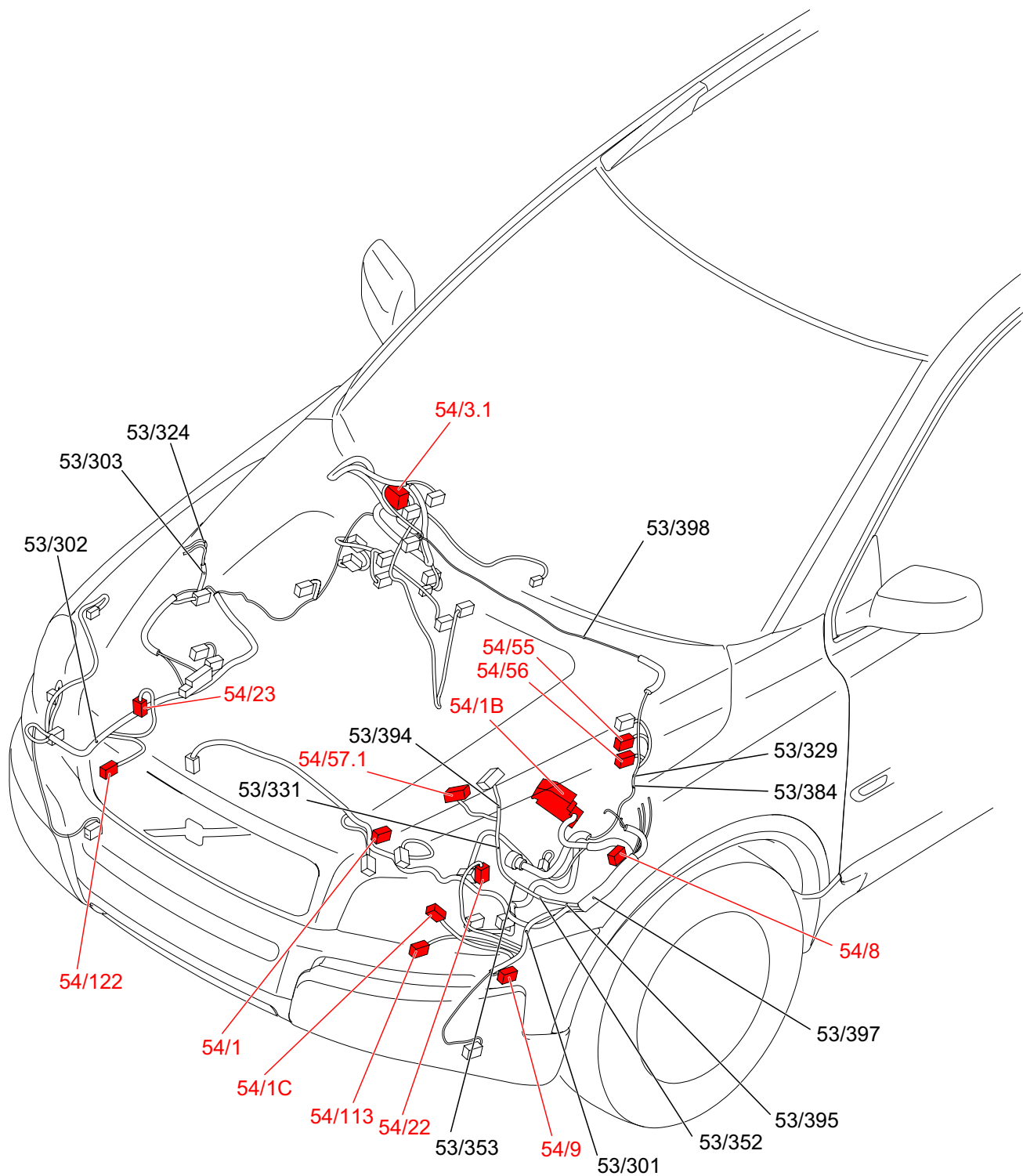
Cable harness routine in vehicle **Engine compartment harness RHD, V70**



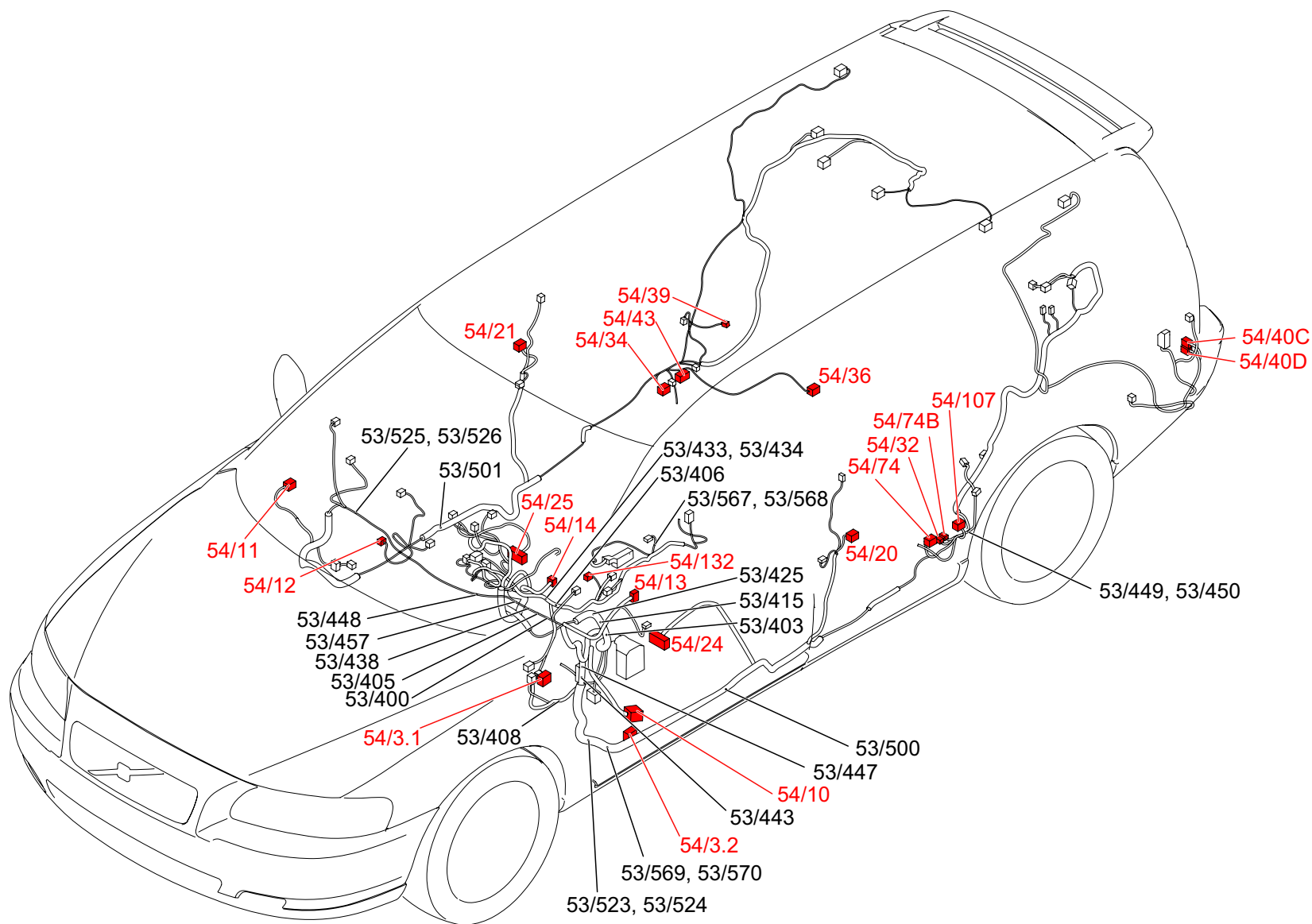
Cable harness routine in vehicle **Engine compartment harness LHD, XC90**



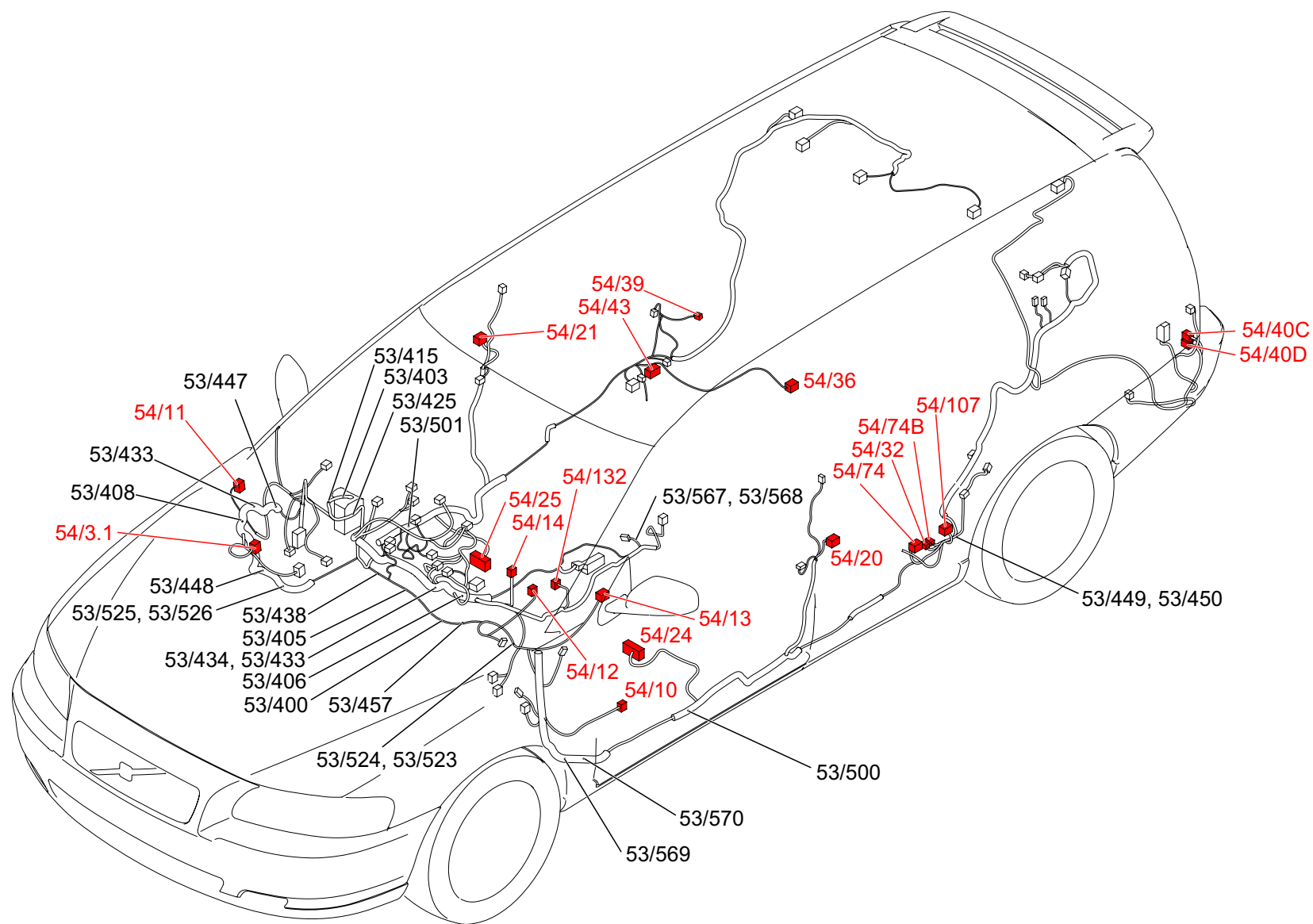
Cable harness routine in vehicle **Engine compartment harness RHD, XC90**



Cable harness routine in vehicle
Passenger compartment harness LHD, V70

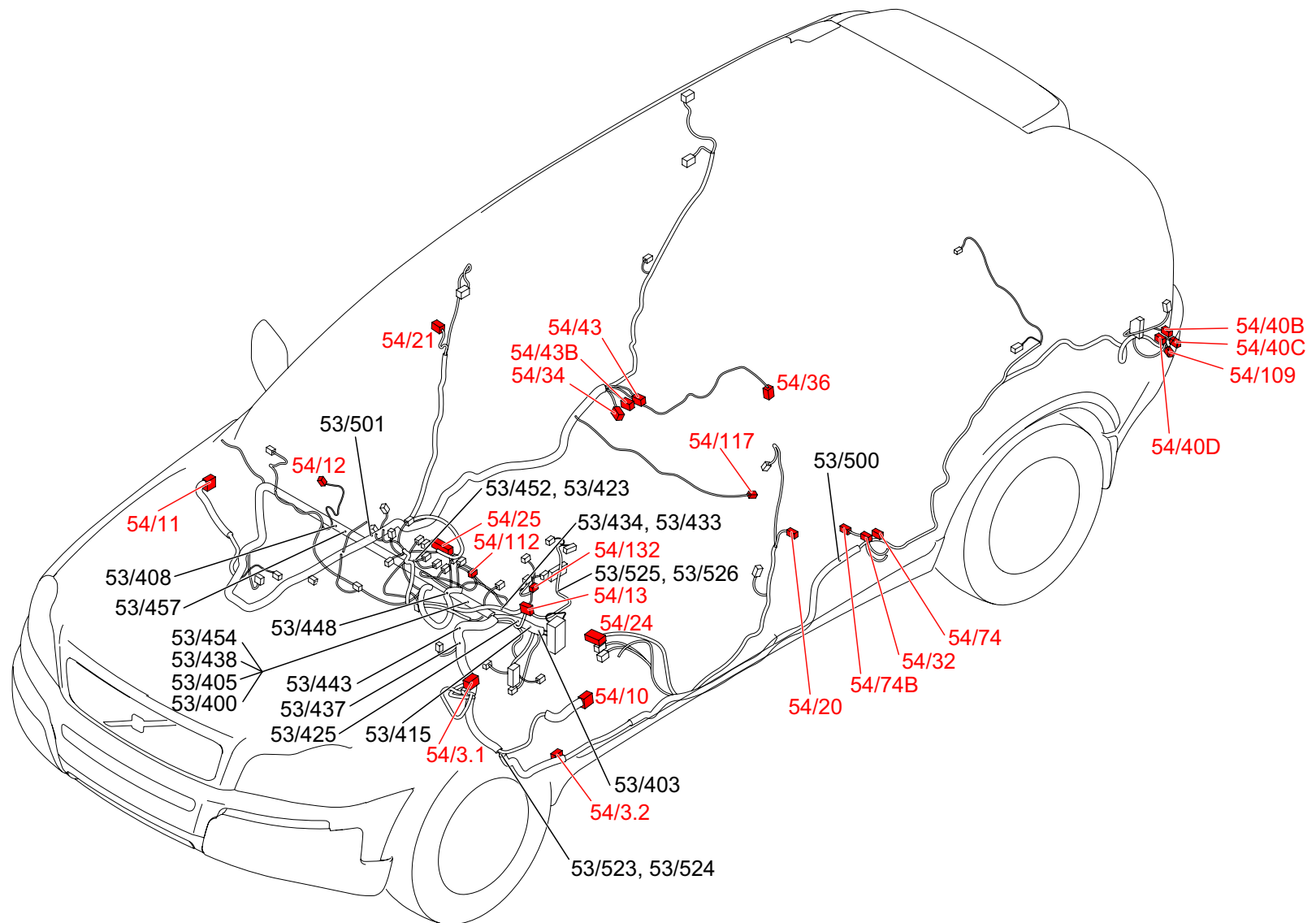


Cable harness routine in vehicle **Passenger compartment harness RHD, V70**

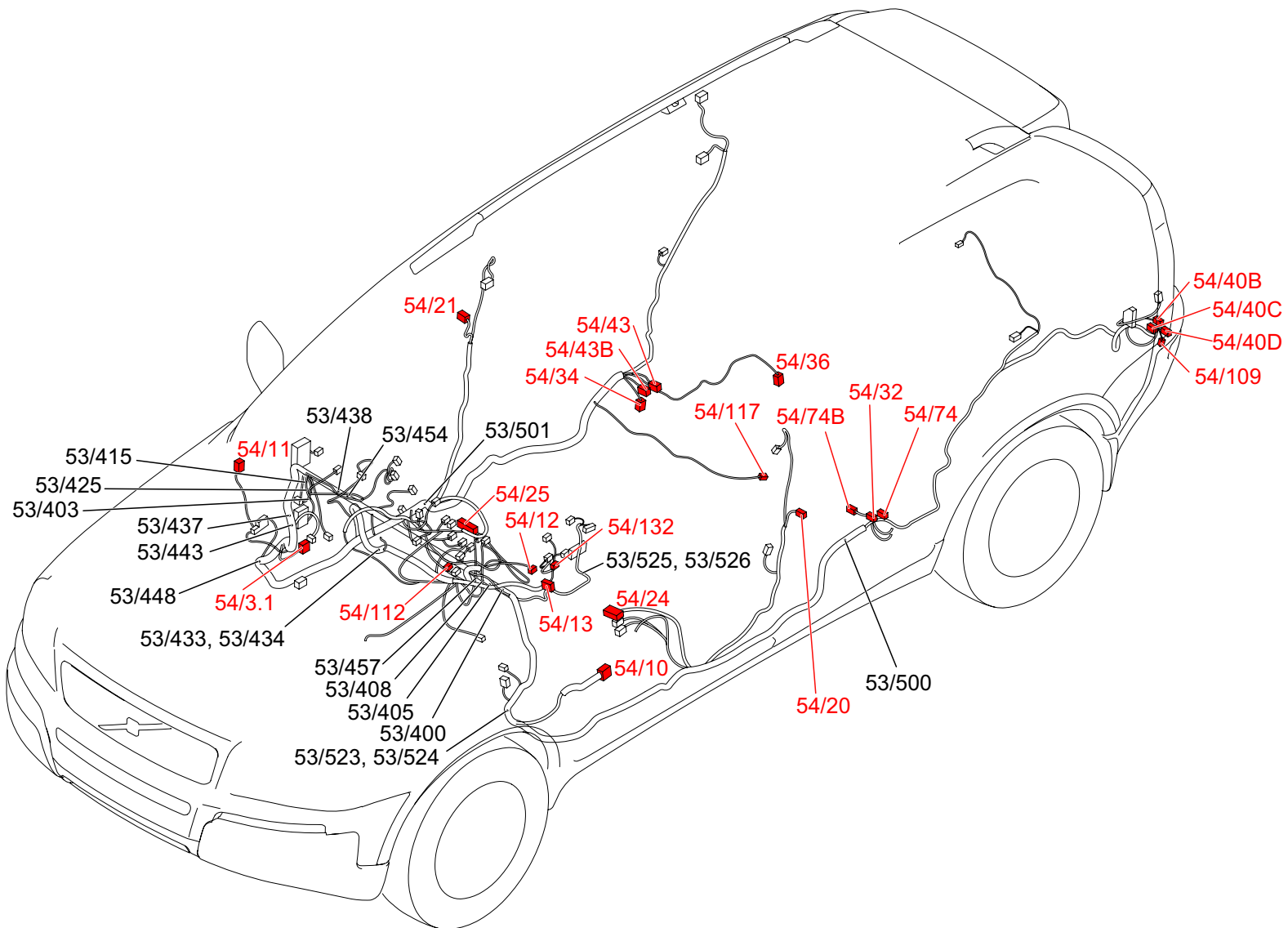


Cable harness routine in vehicle

Passenger compartment harness LHD, XC90

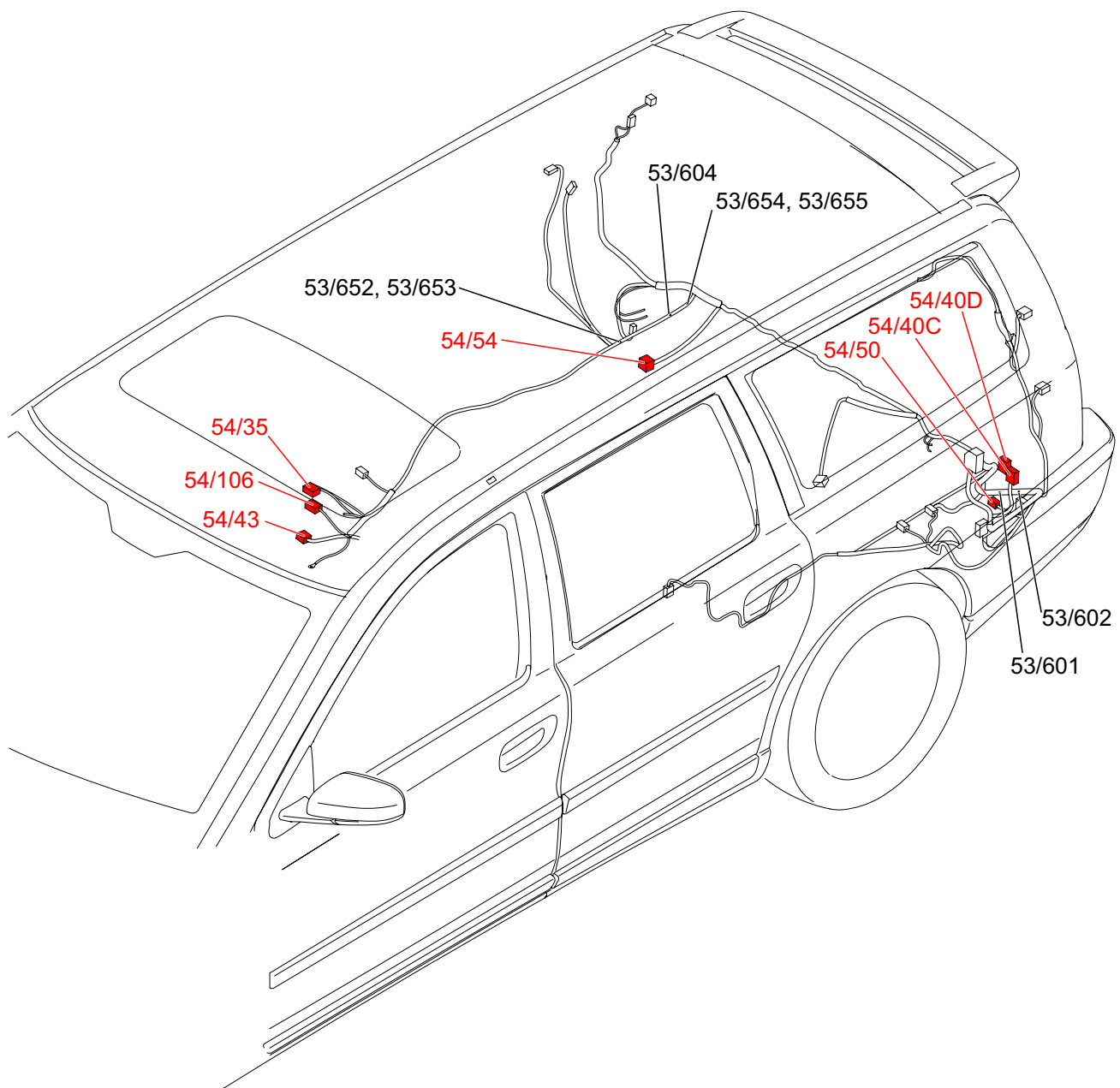


Cable harness routine in vehicle
Passenger compartment harness RHD, XC90



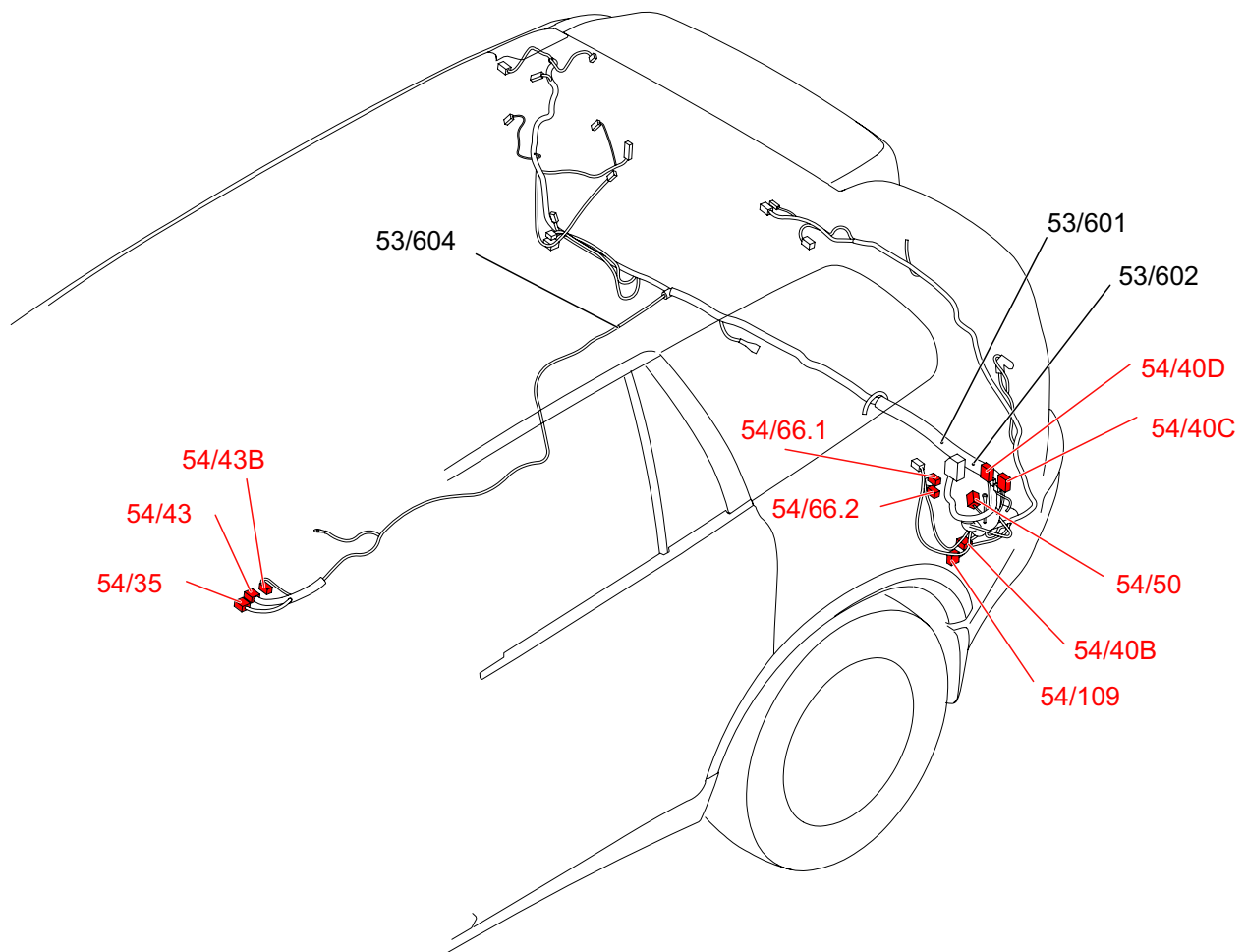
Cable harness routine in vehicle

Cargo compartment harness V70



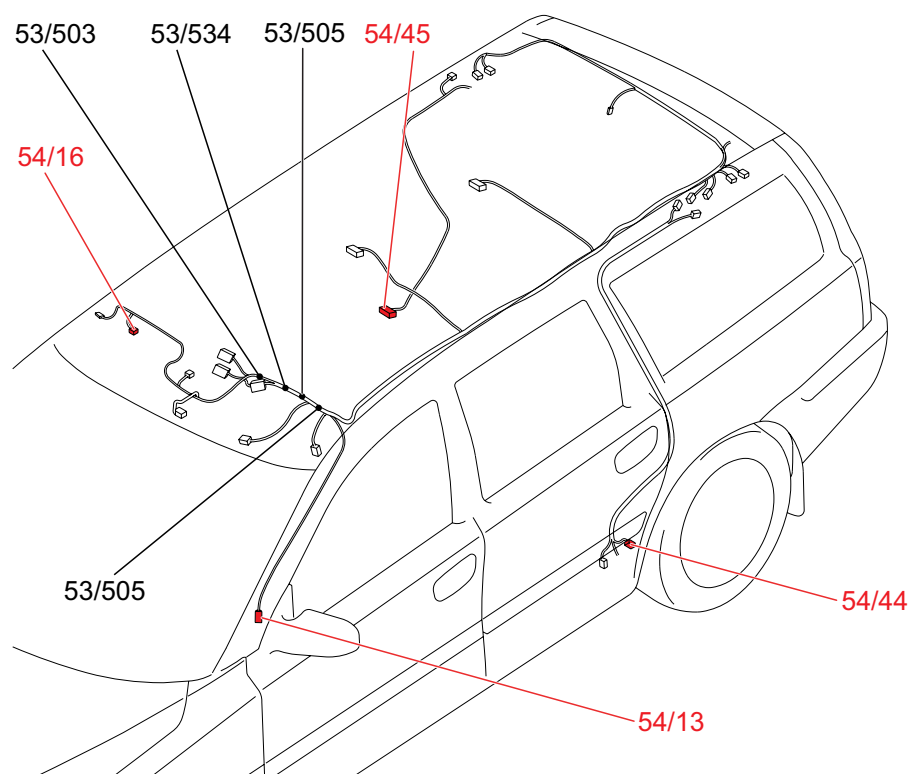
Cable harness routine in vehicle

Cargo compartment harness XC90

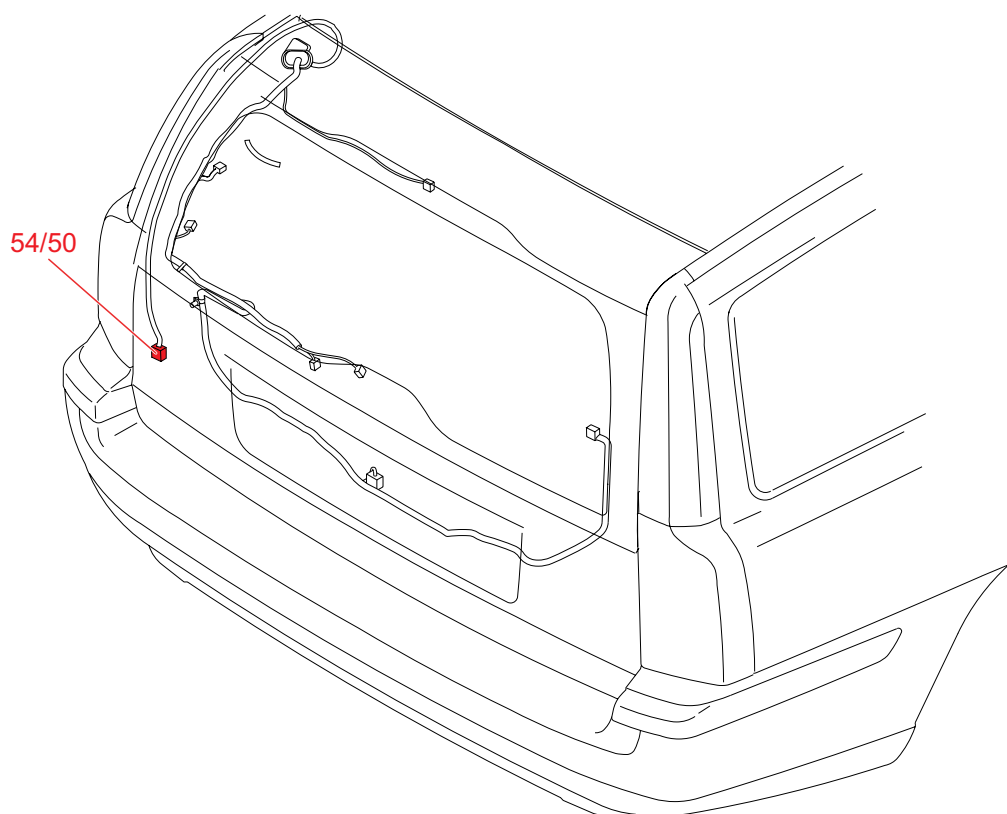


Cable harness routine in vehicle

Roof harness & Inflatable curtain harness V70

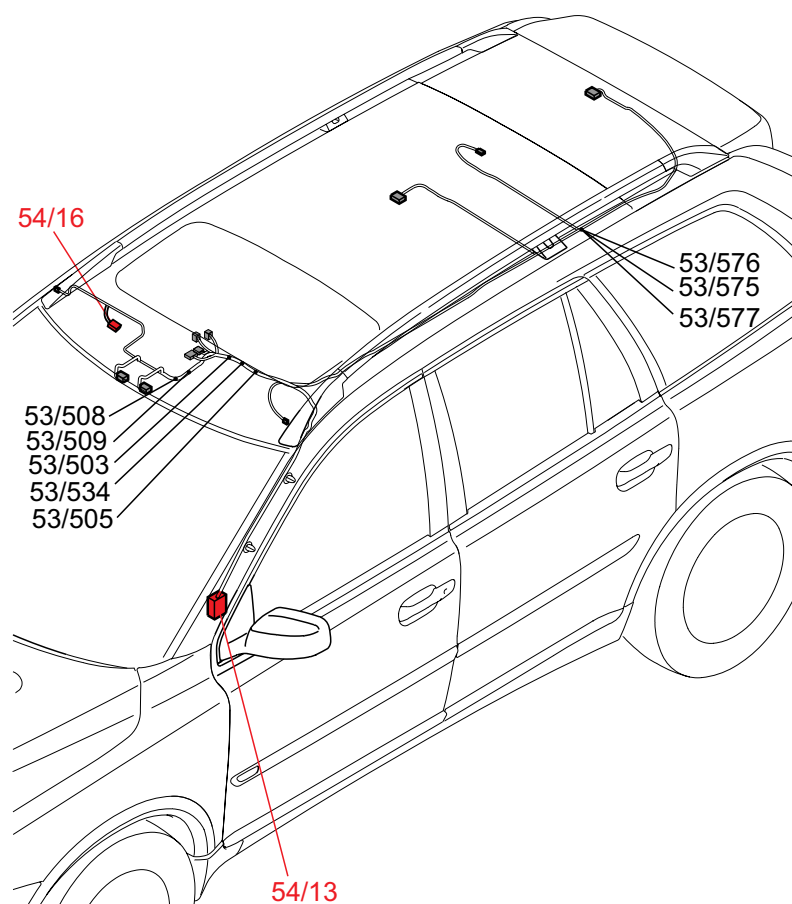


Tailgate harness V70

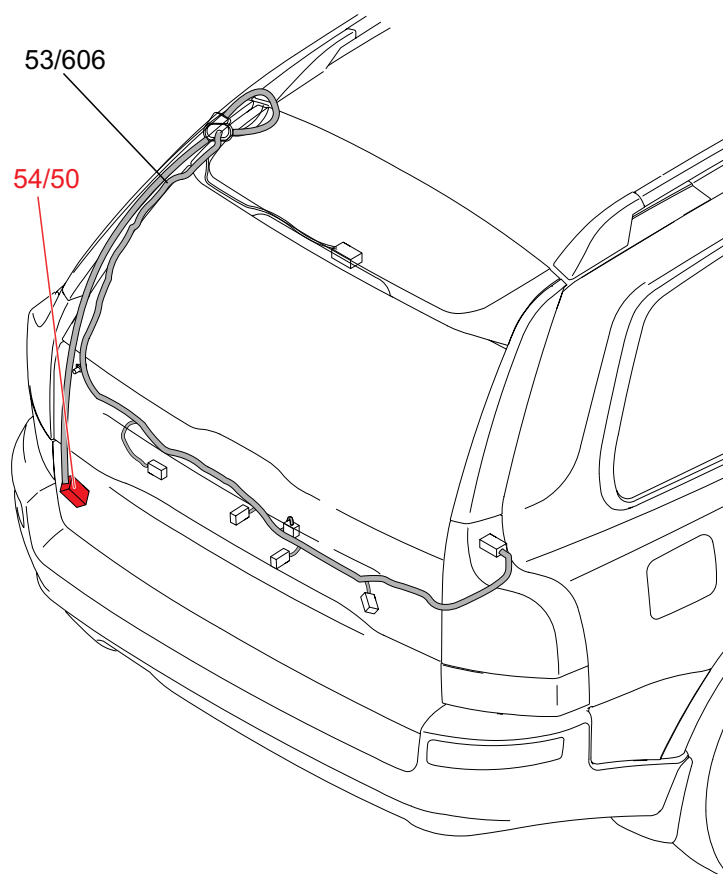


Cable harness routine in vehicle

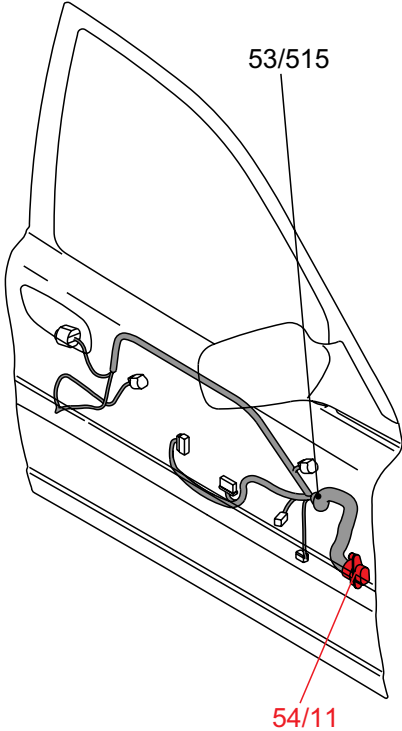
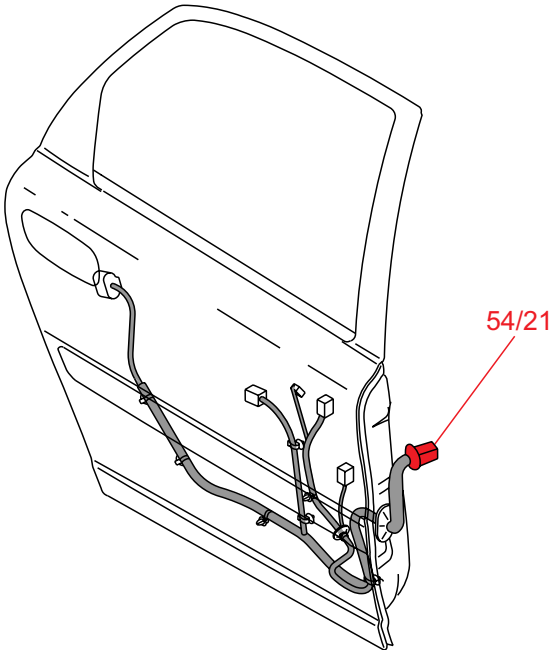
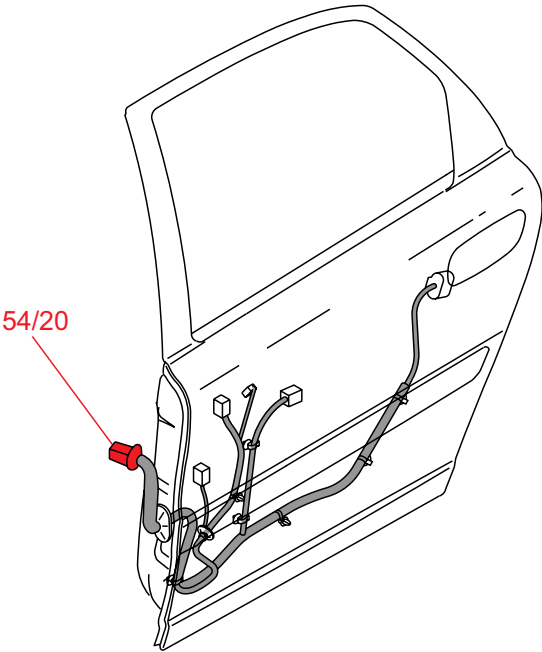
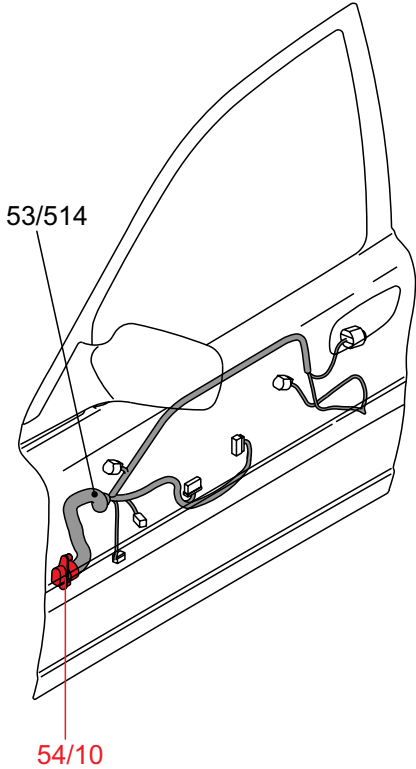
Roof harness XC90



Tailgate harness XC90

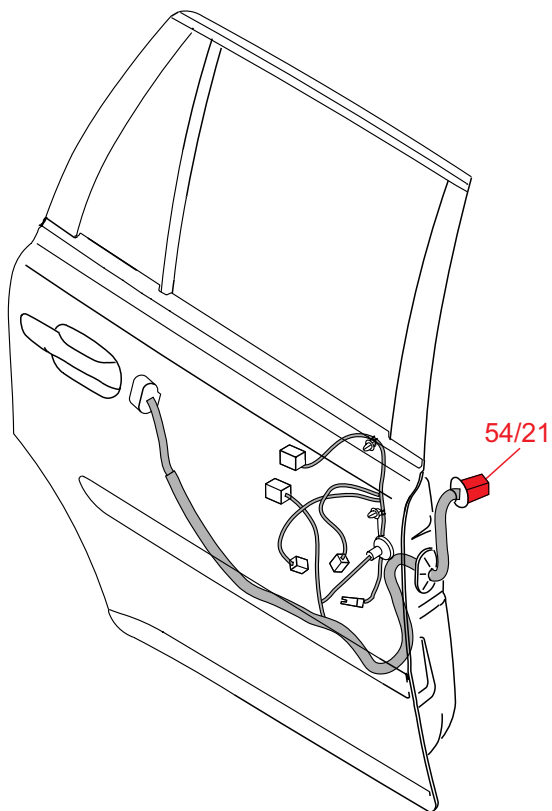
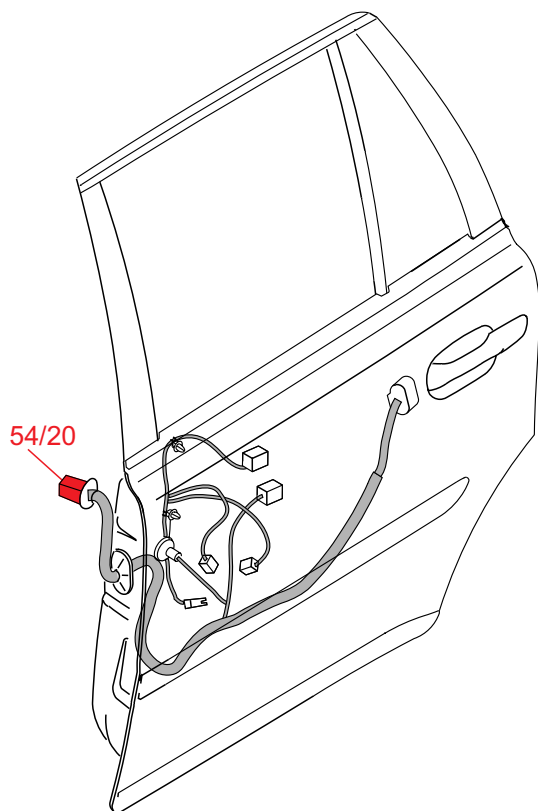
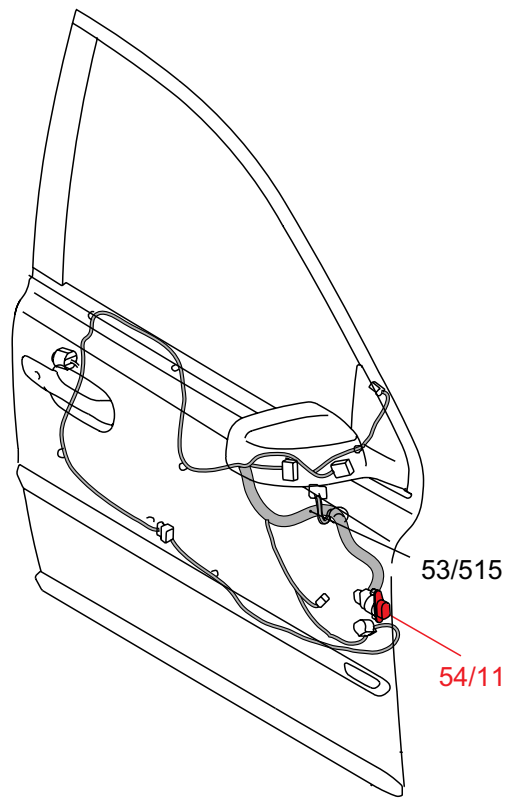
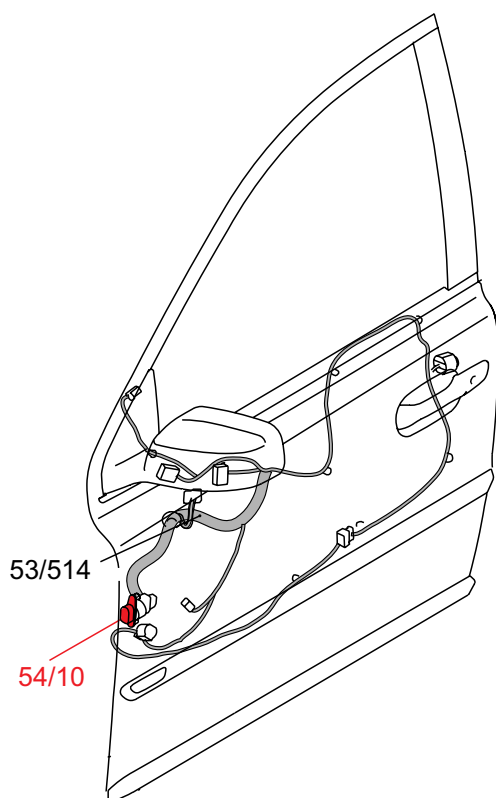


Cable harness routine in vehicle
Door harness V70



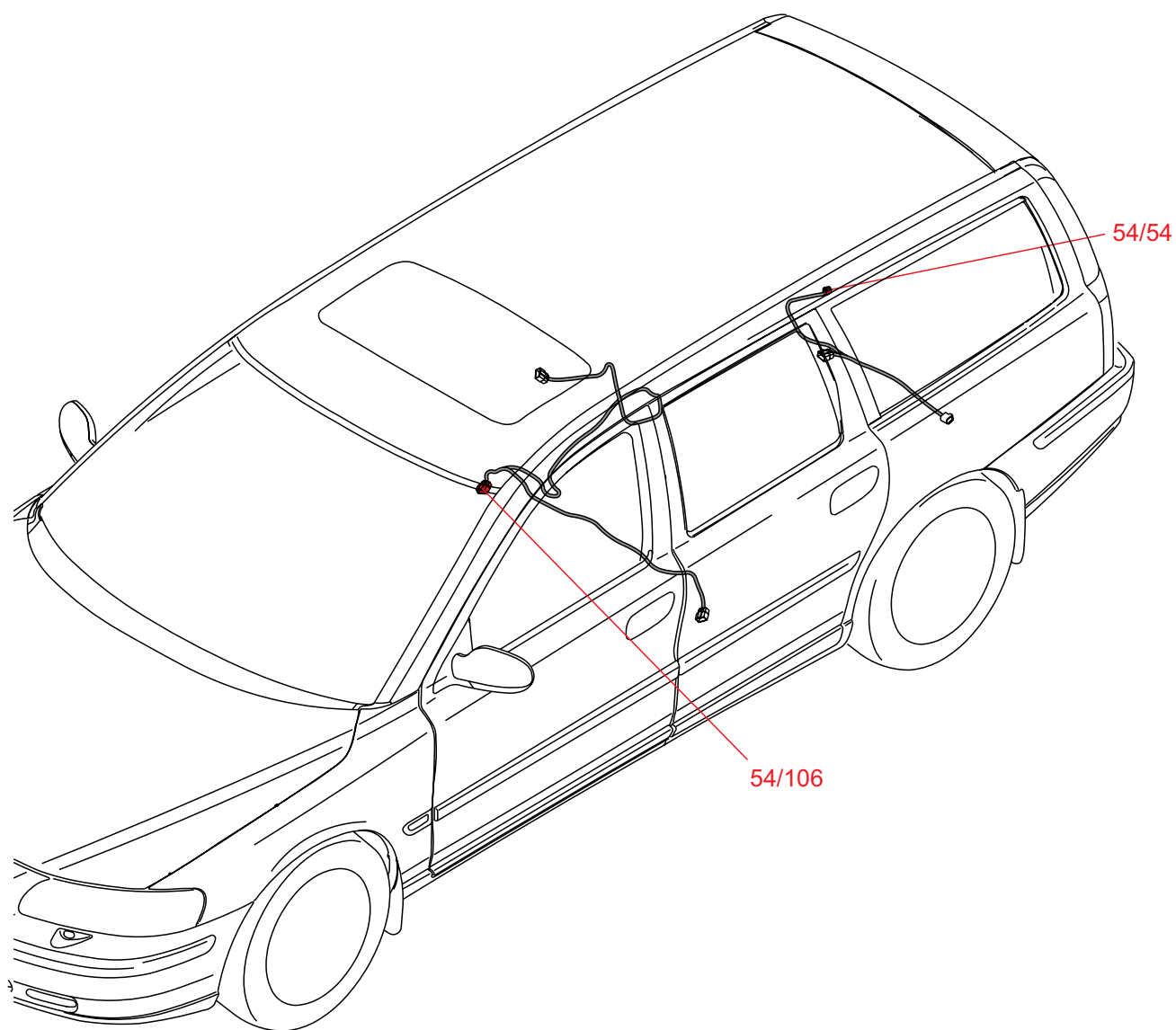
Cable harness routine in vehicle

Door harness XC90



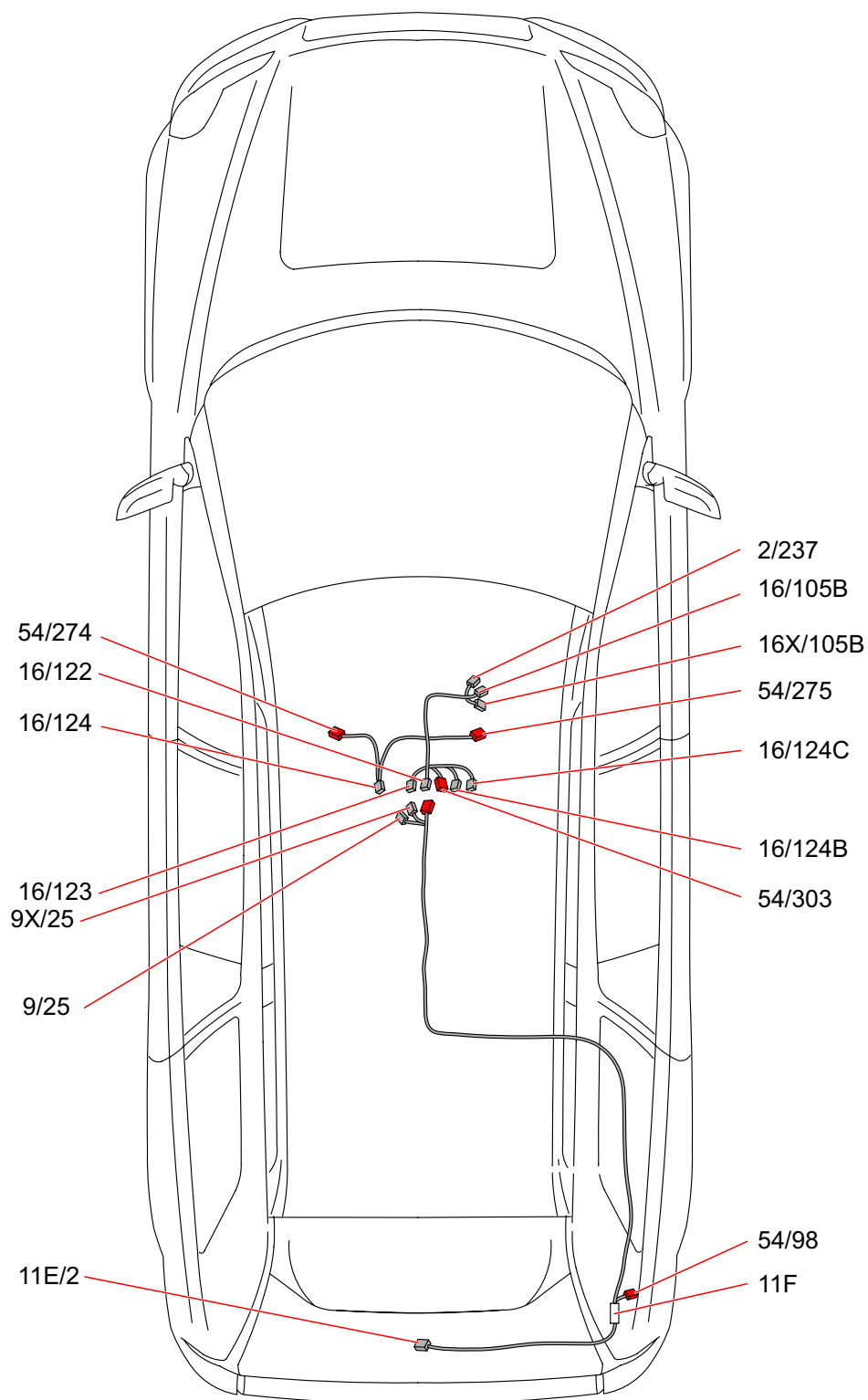
Cable harness routine in vehicle

Bi-Fuel harnesses V70



Cable harness routine in vehicle

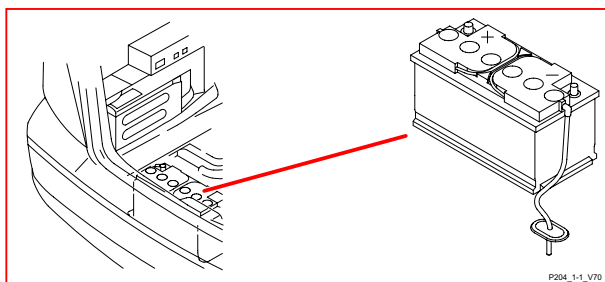
Rear seat entertainment XC90



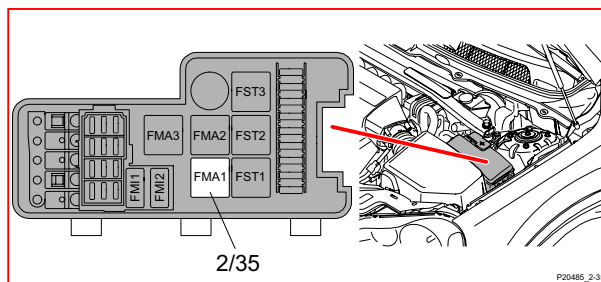
Component illustrations

1/1 - 2/91

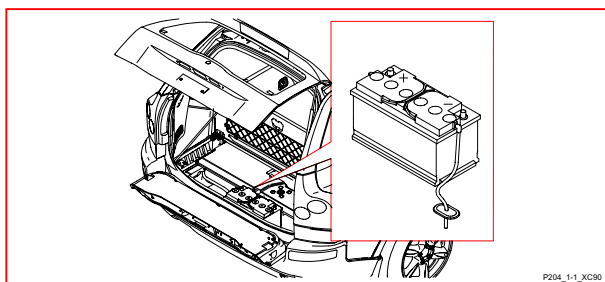
1/1 Battery V70



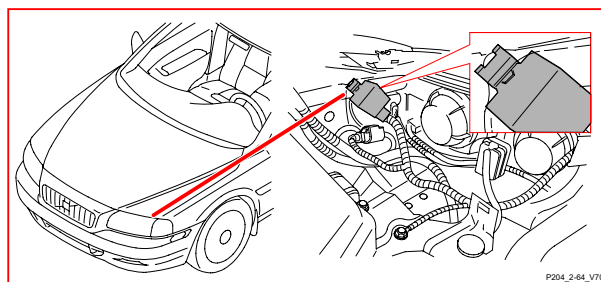
2/35 Relay, starter motor



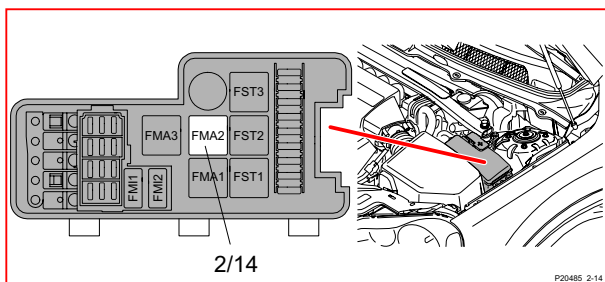
1/1 Battery XC90



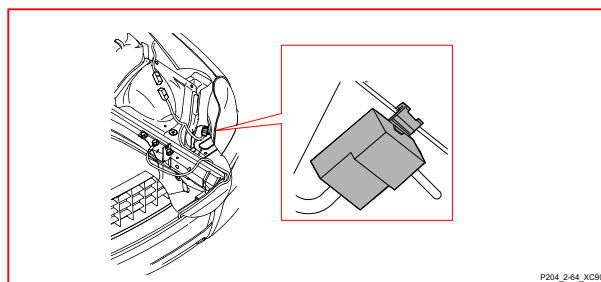
2/64 Relay, auxiliary lights V70



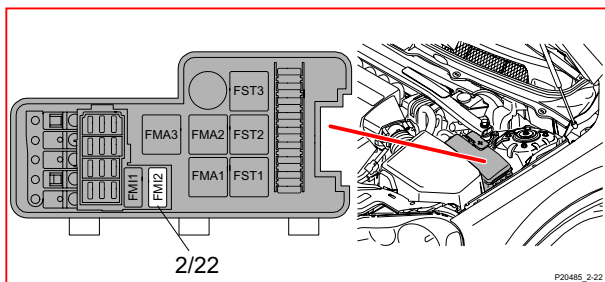
2/14 Relay, glow plug unit



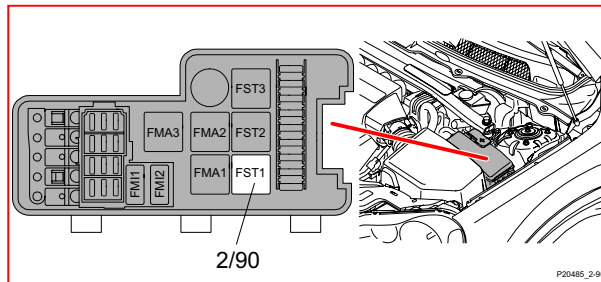
2/64 Relay, auxiliary lights XC90



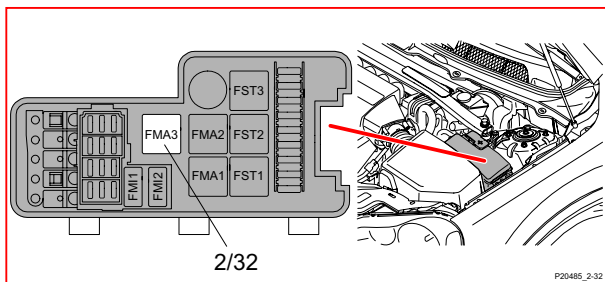
2/22 Relay, climate control system



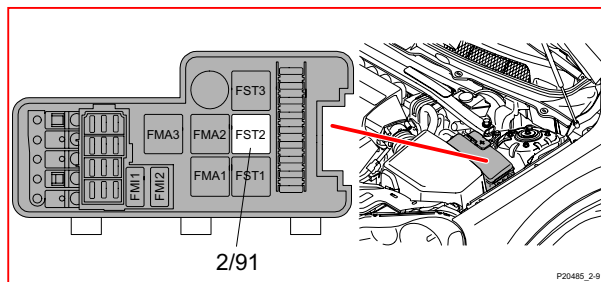
2/90 Relay, windshield wiper, low/high speed



2/32 Main relay, engine management system



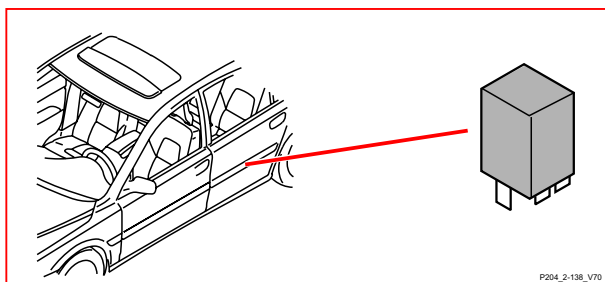
2/91 Relay, intermittent wiping



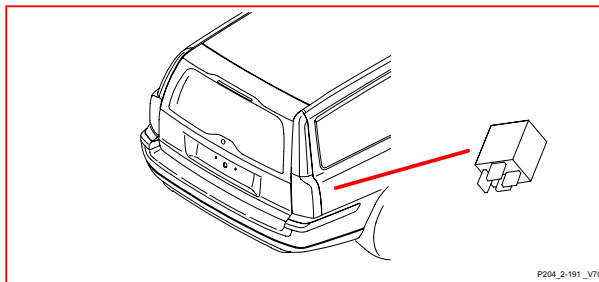
Component illustrations

2/138 - 3/1 V70

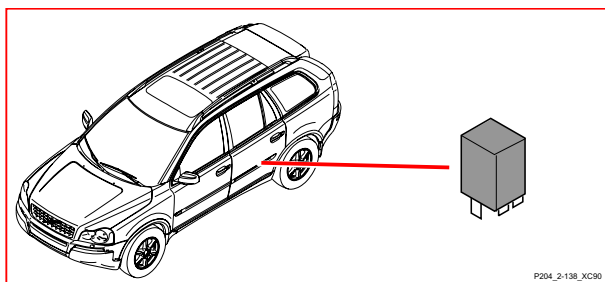
2/138 Deadlock relay, left rear door V70



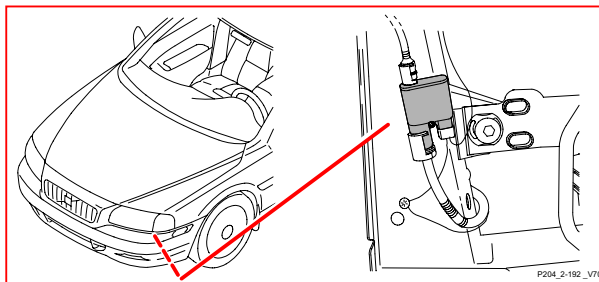
2/191 Relay, remote parking heater start, radio signal



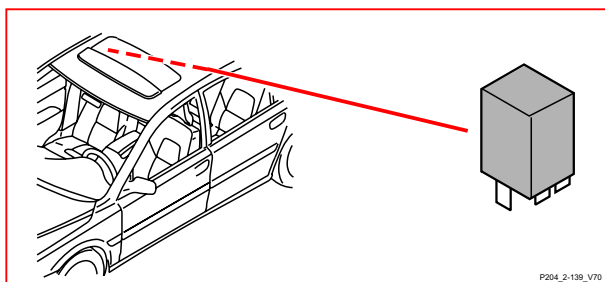
2/138 Deadlock relay, left rear door XC90



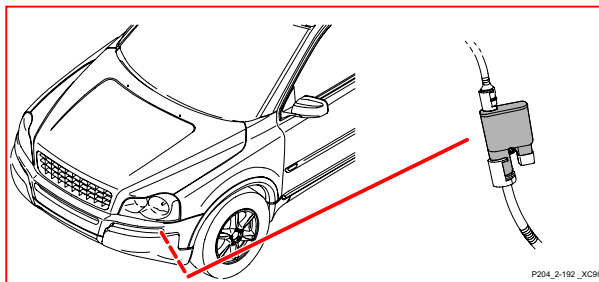
2/192 Relay, electric engine heater V70



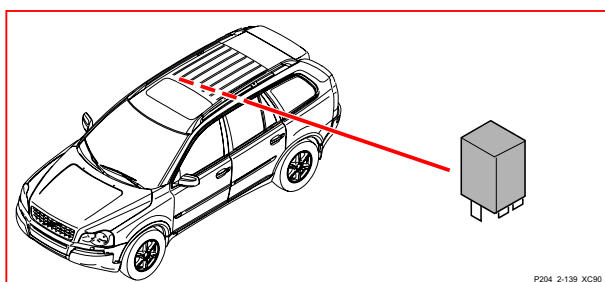
2/139 Deadlock relay, right rear door V70



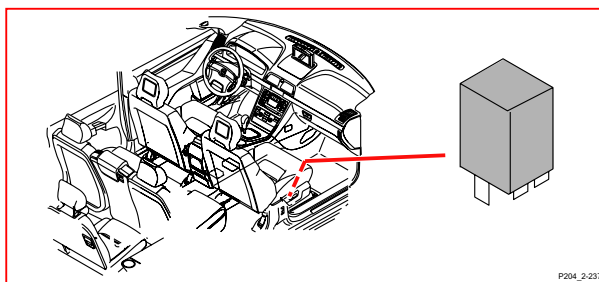
2/192 Relay, electric engine heater XC90



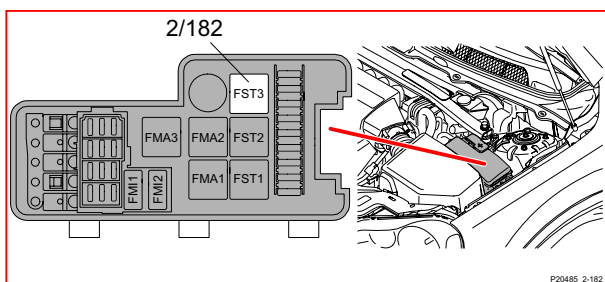
2/139 Deadlock relay, right rear door XC90



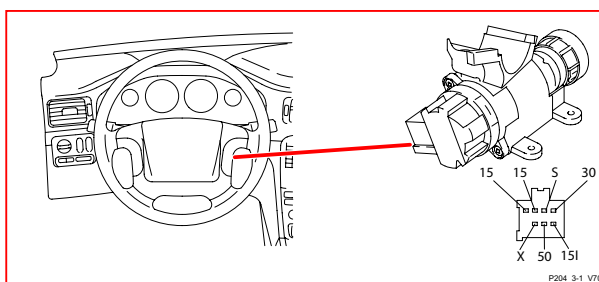
2/237 Disconnect relay, rear speaker



2/182 Relay, high pressure headlight washer motor



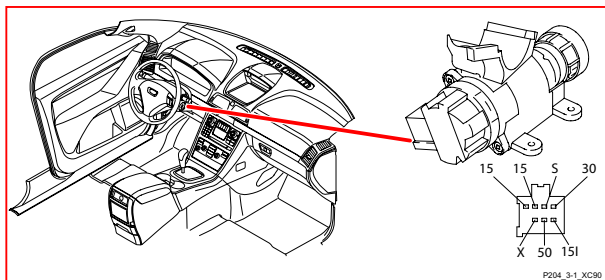
3/1 Ignition switch V70



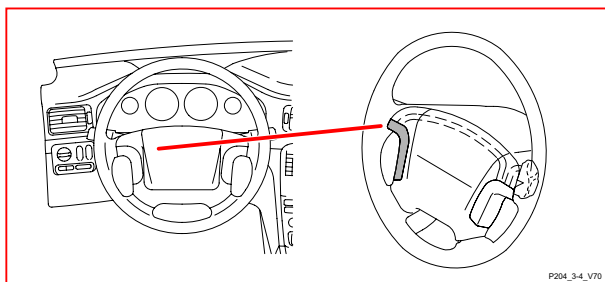
Component illustrations

3/1 XC90 - 3/25 V70

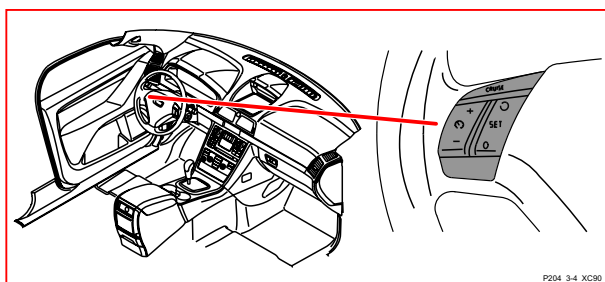
3/1 Ignition switch XC90



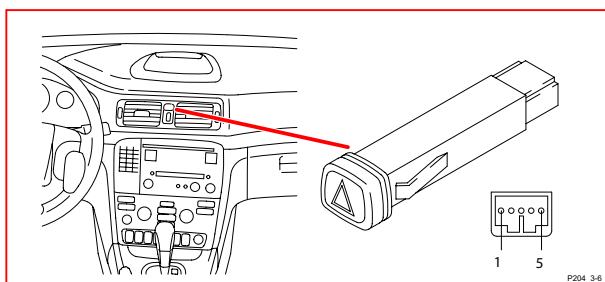
3/4 Steering Wheel Switch Left (SWSL) V70



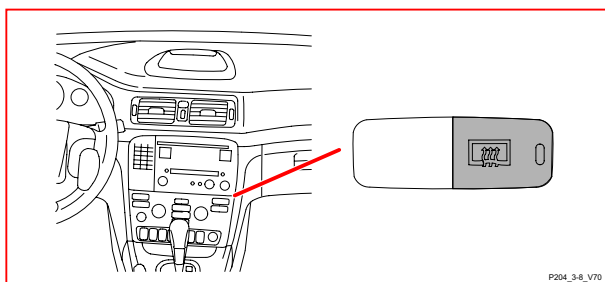
3/4 Steering Wheel Switch Left (SWSL) XC90



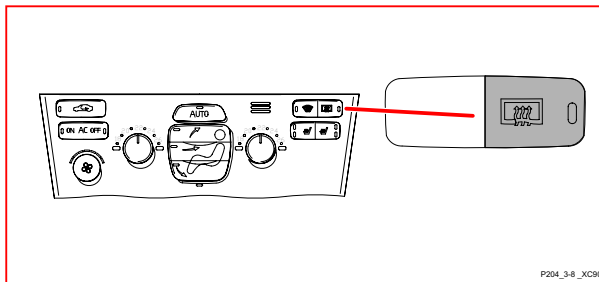
3/6 Switch, hazard warning flashers



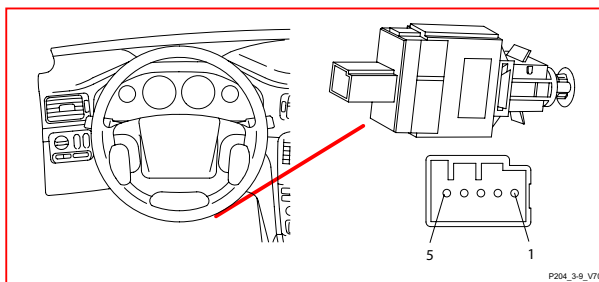
3/8 Switch, heated rear window/door mirrors V70



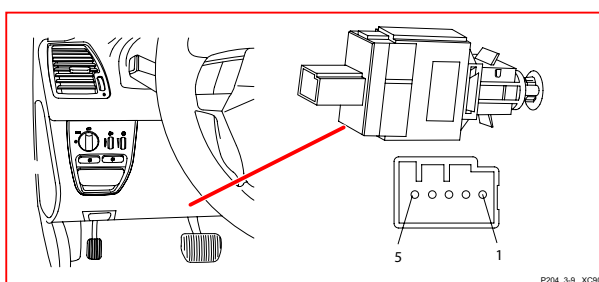
3/8 Switch, heated rear window/door mirrors XC90



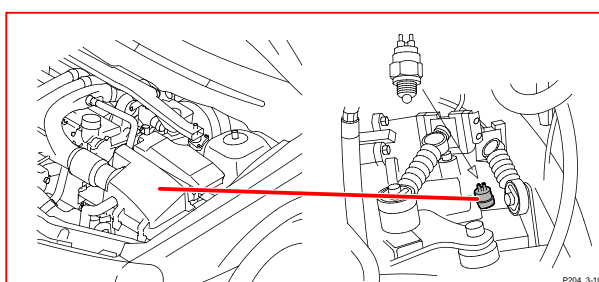
3/9 Brake light contact V70



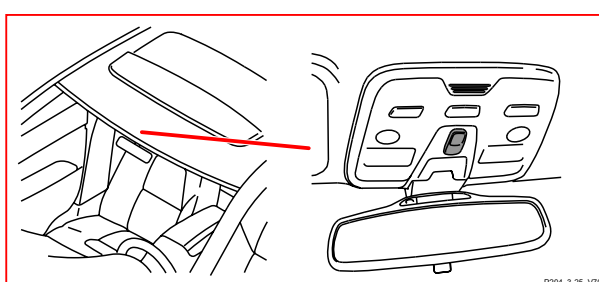
3/9 Brake light contact XC90



3/10 Reversing light contact



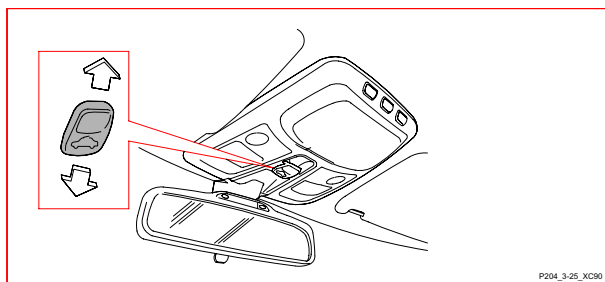
3/25 Switch, power sunroof V70



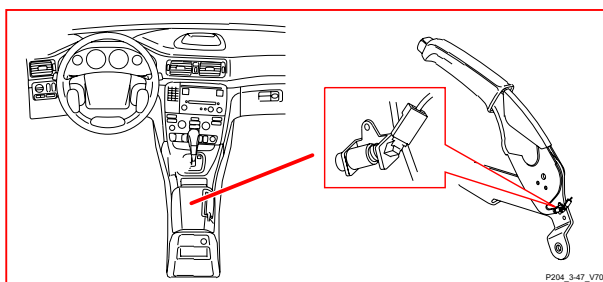
Component illustrations

3/25 XC90 - 3/60 V70

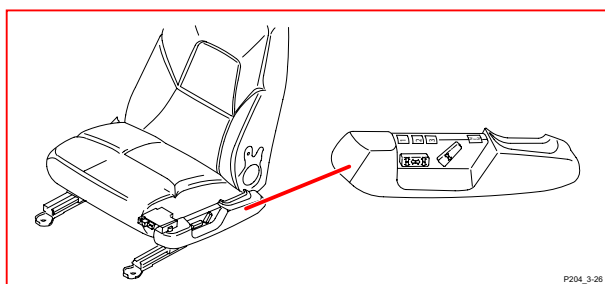
3/25 Switch, power sunroof XC90



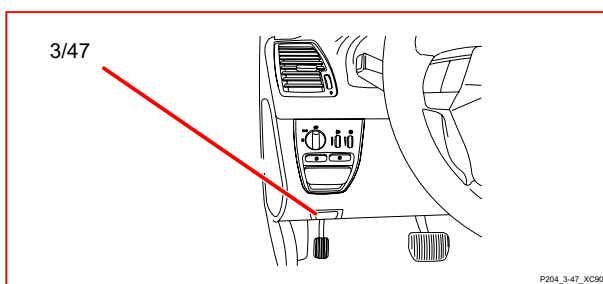
3/47 Parking brake contact V70



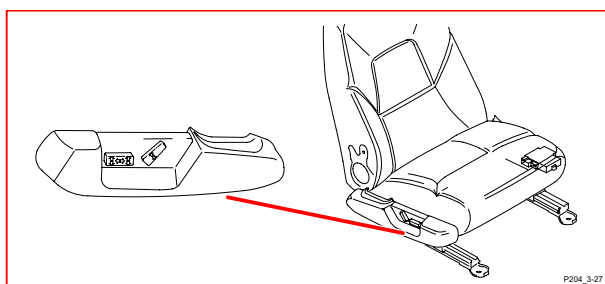
3/26 Switch unit, power driver's seat



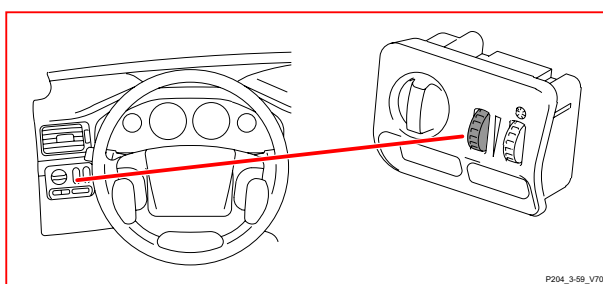
3/47 Parking brake contact, XC90



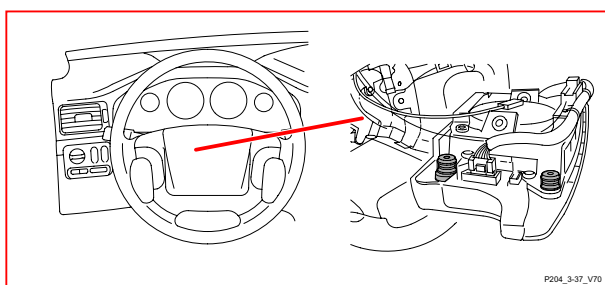
3/27 Switch unit, power passenger seat



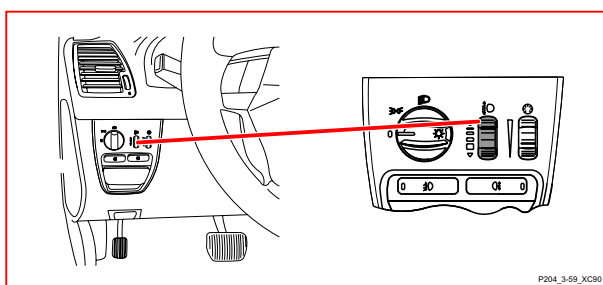
3/59 Headlight adjustment control V70



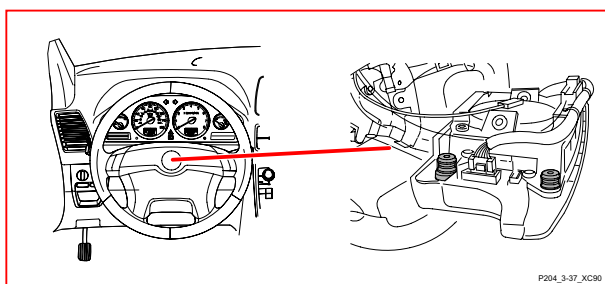
3/37 Horn contact V70



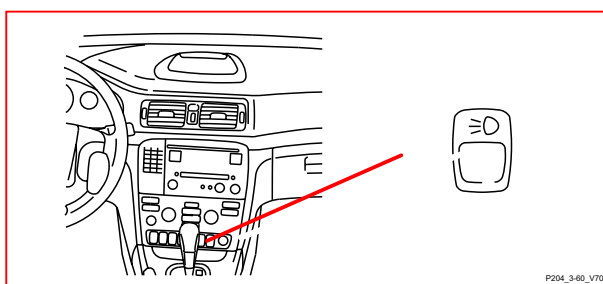
3/59 Headlight adjustment control XC90



3/37 Horn contact XC90



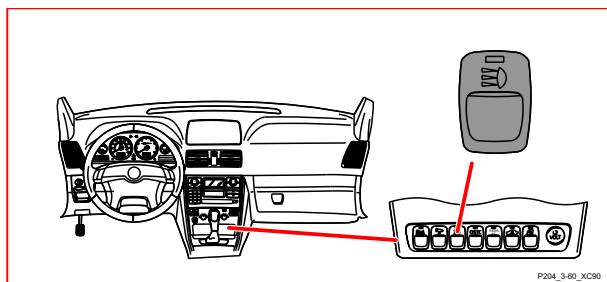
3/60 Switch, auxiliary lights V70



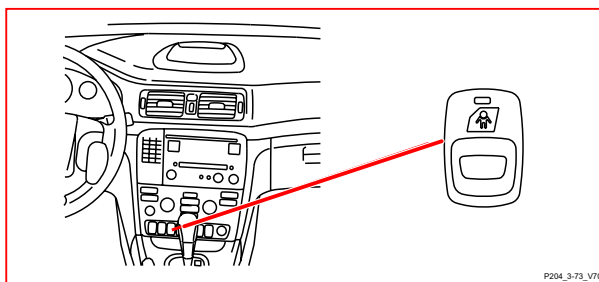
Component illustrations

3/60 XC90 - 3/75 V70

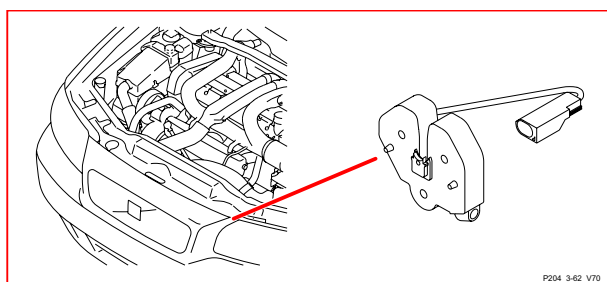
3/60 Switch, auxiliary lights XC90



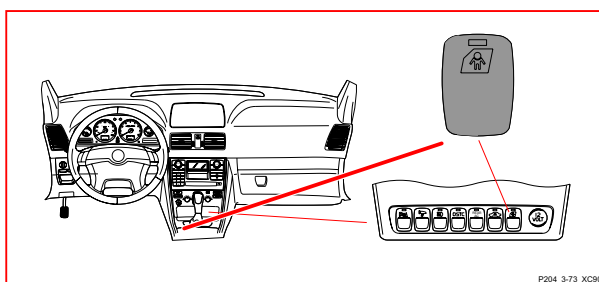
3/73 Power Child Lock (PCL) switch V70



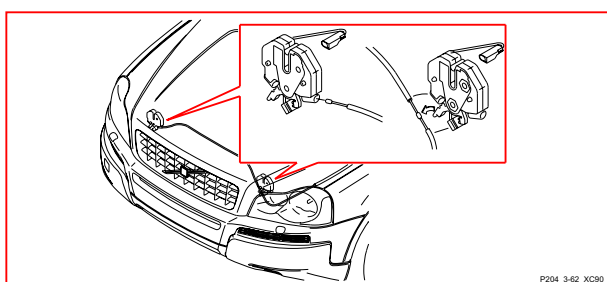
3/62 Hood alarm contact V70



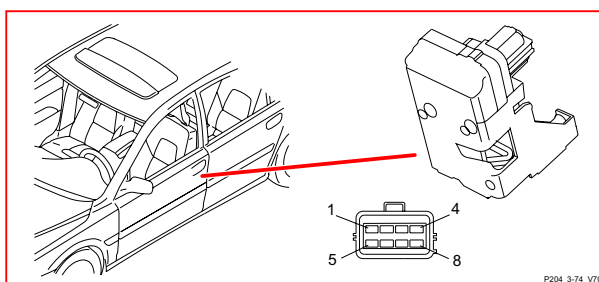
3/73 Power Child Lock (PCL) switch XC90



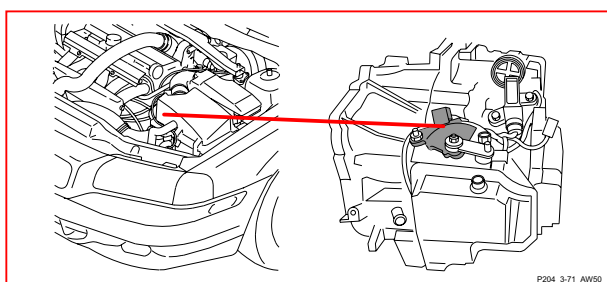
3/62 Hood alarm contact XC90



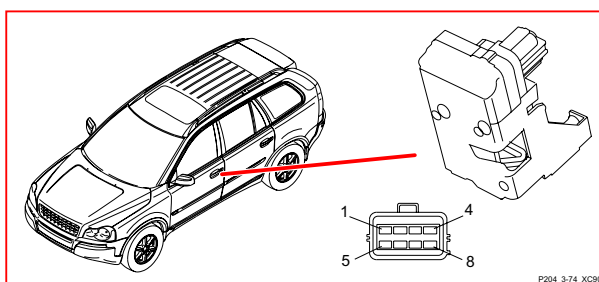
3/74 Lock unit, front left door, V70



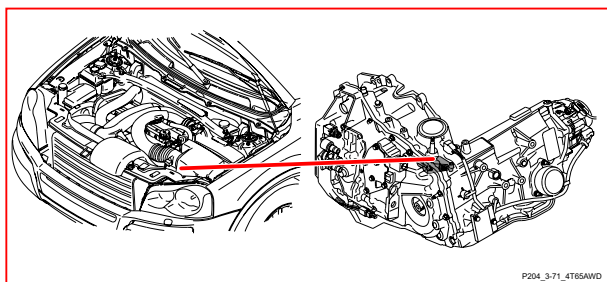
3/71 Contacts gear selector AW51



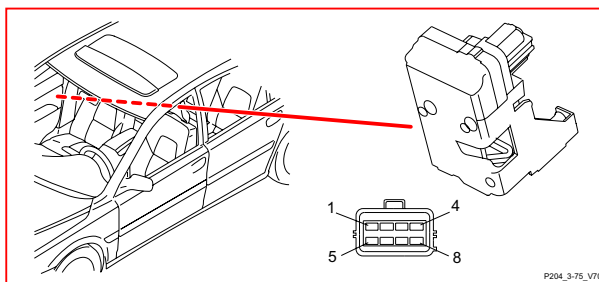
3/74 Lock unit, front left door, XC90



3/71 Contacts gear selector 4T65AWD



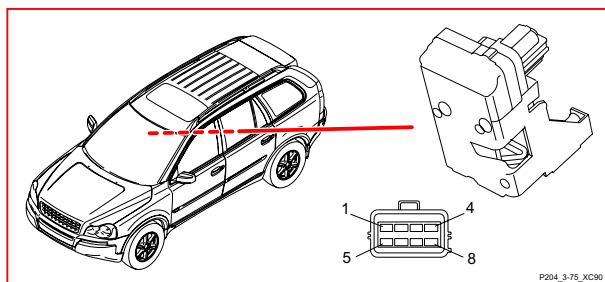
3/75 Lock unit, right front door, V70



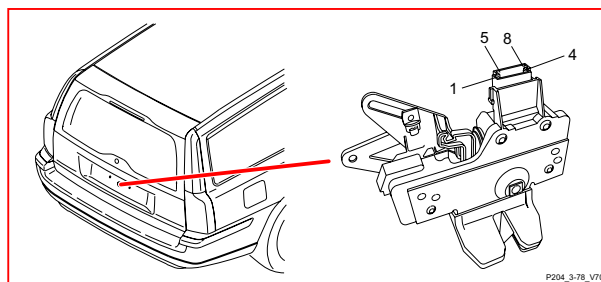
Component illustrations

3/75 XC90 - 3/82 V70

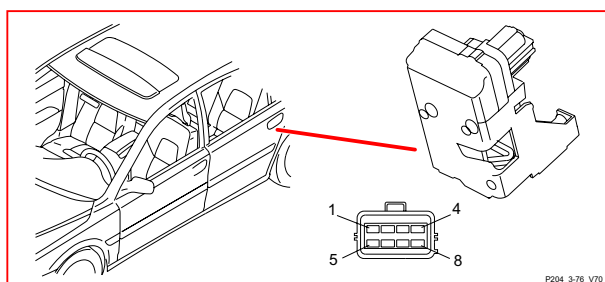
3/75 Lock unit, right front door, XC90



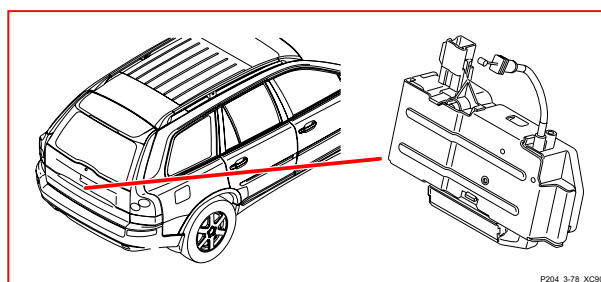
3/78 Lock unit, tailgate V70



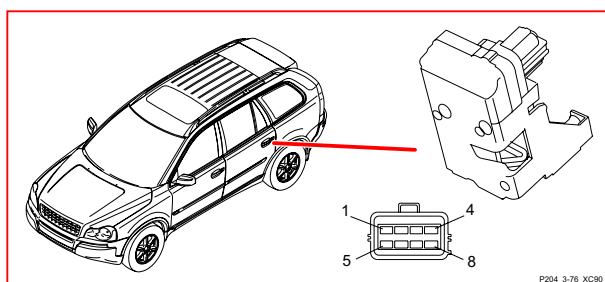
3/76 Lock unit, rear left door, V70



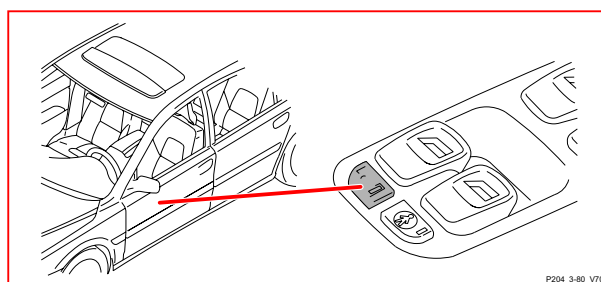
3/78 Lock unit, tailgate XC90



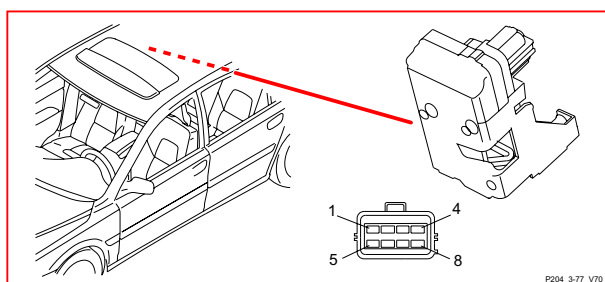
3/76 Lock unit, rear left door XC90



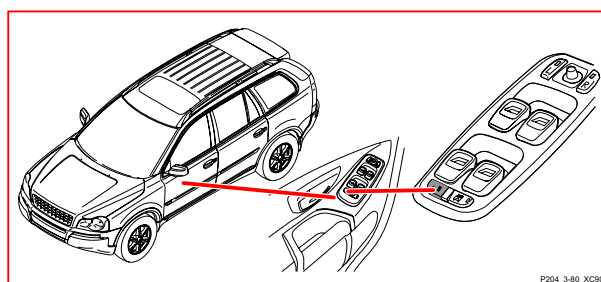
3/80 Switch, central locking, left V70



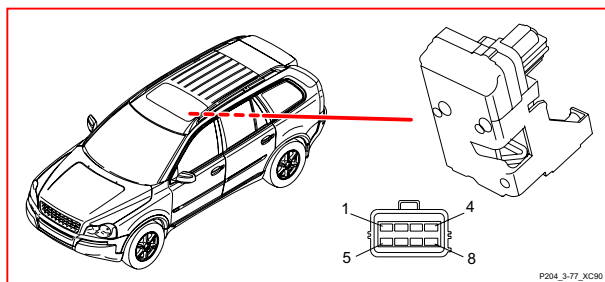
3/77 Lock unit, rear right door, V70



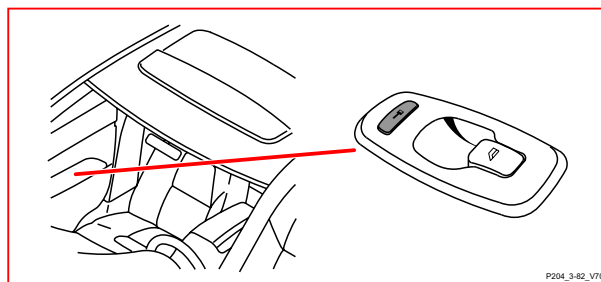
3/80 Switch, central locking, left XC90



3/77 Lock unit, rear right door XC90



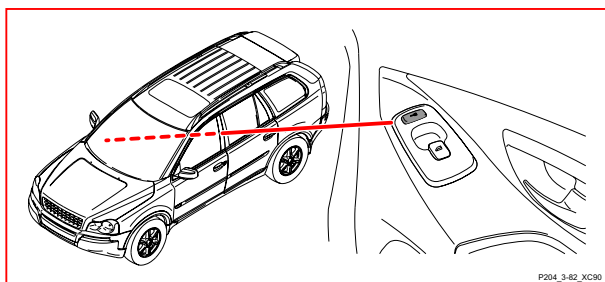
3/82 Switch, central locking, right V70



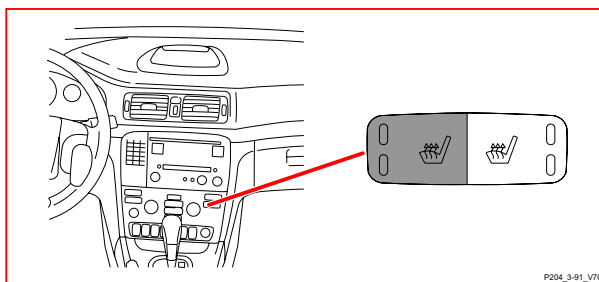
Component illustrations

3/82 XC90 - 3/93 V70

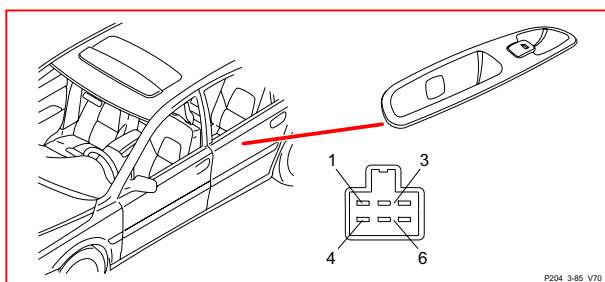
3/82 Switch, central locking, right XC90



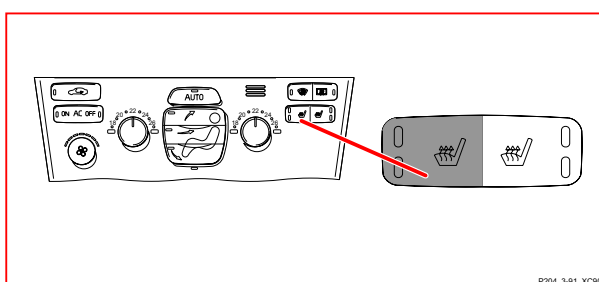
3/91 Switch, left heated seat V70



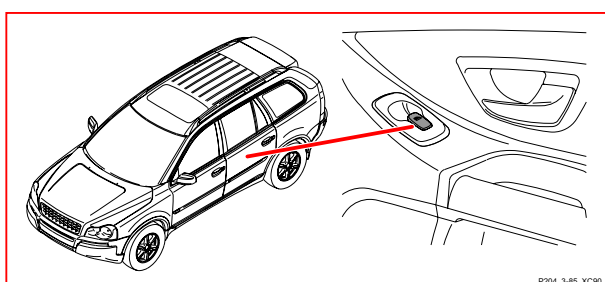
3/85 Power window switch, rear left door V70



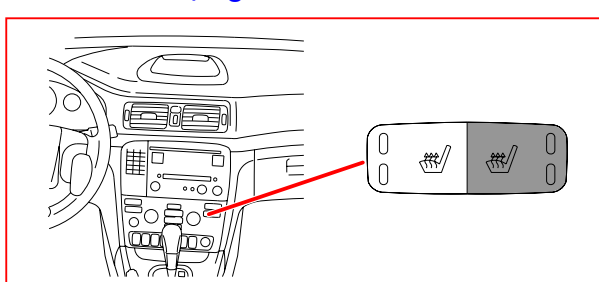
3/91 Switch, left heated seat XC90



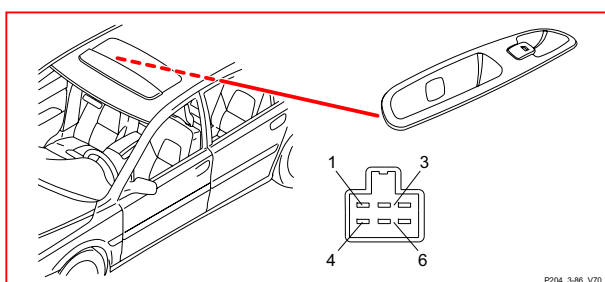
3/85 Power window switch, rear left door XC90



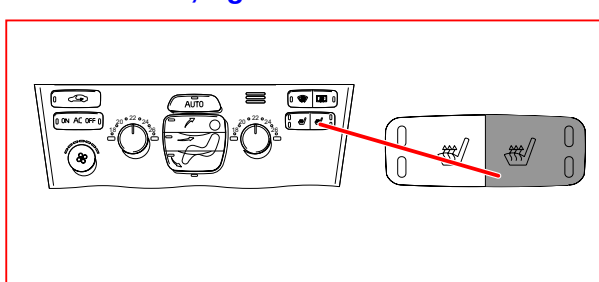
3/92 Switch, right heated seat V70



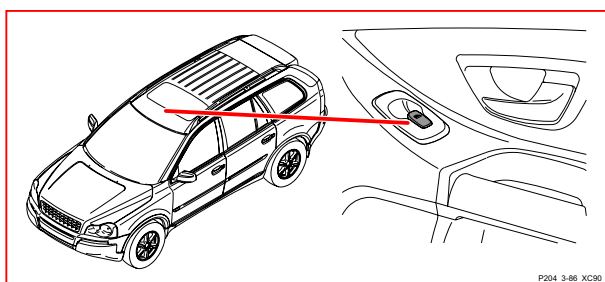
3/86 Power window switch, rear right door rear V70



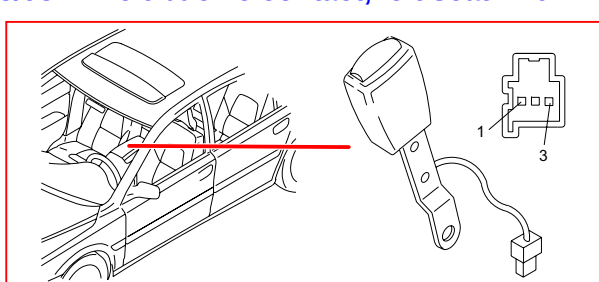
3/92 Switch, right heated seat XC90



3/86 Power window switch, rear right door XC90



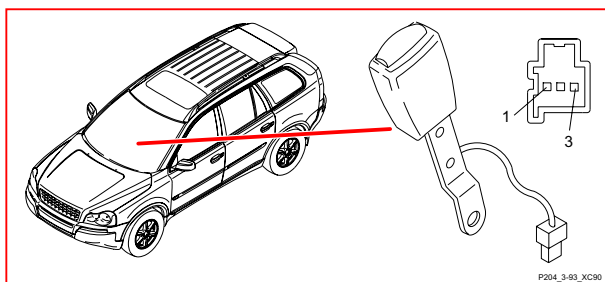
3/93 Belt buckle contact, left seat V70



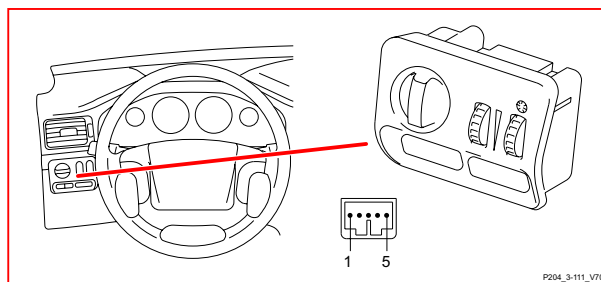
Component illustrations

3/93 XC90 - 3/117 V70

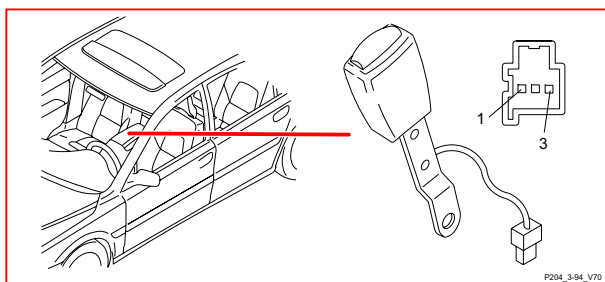
3/93 Belt buckle contact, left seat XC90



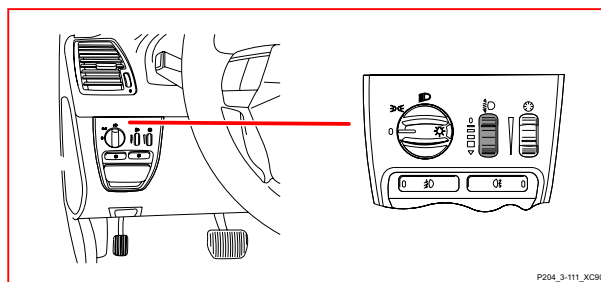
3/111 Light Switch Module (LSM), V70



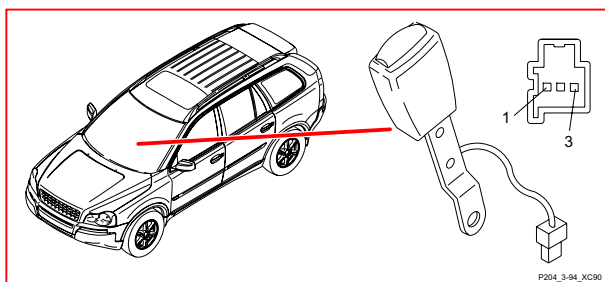
3/94 Belt buckle contact, right seat V70



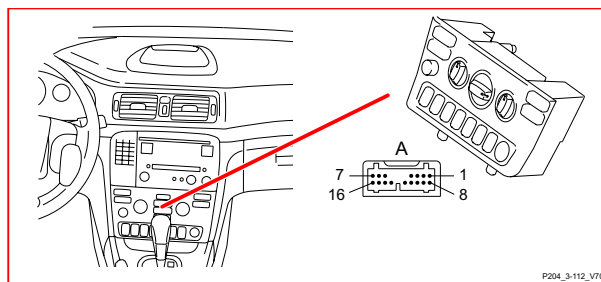
3/111 Light Switch Module (LSM), XC90



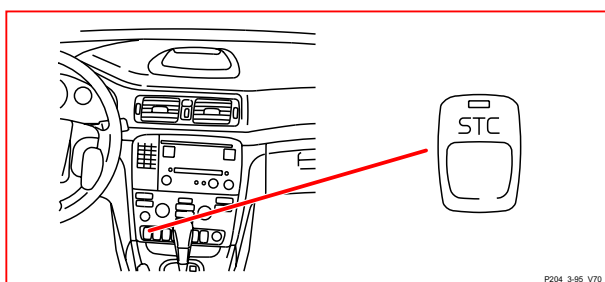
3/94 Belt buckle contact, right seat XC90



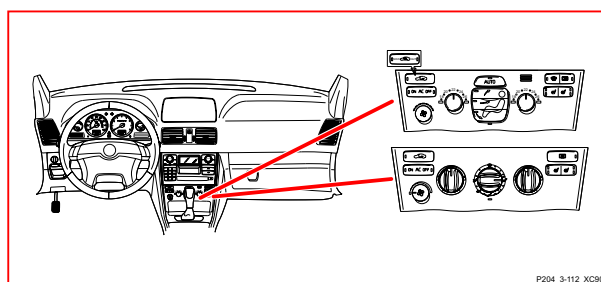
3/112 Climate Control Module (CCM) V70



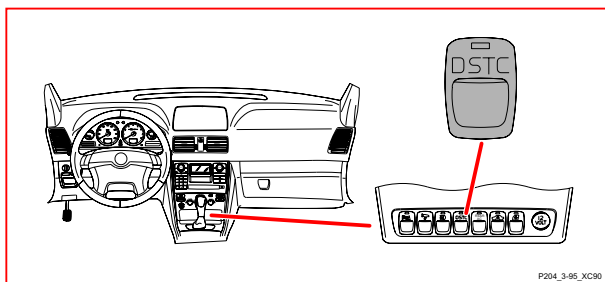
3/95 Spin control switch V70



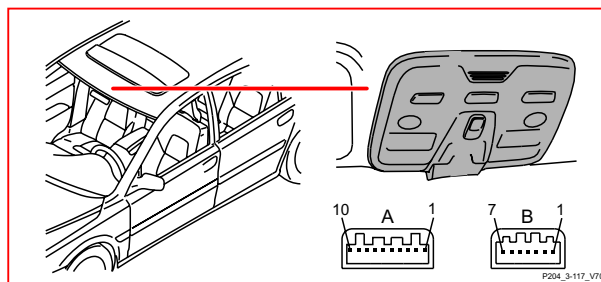
3/112 Climate Control Module (CCM) XC90



3/95 Spin control switch XC90



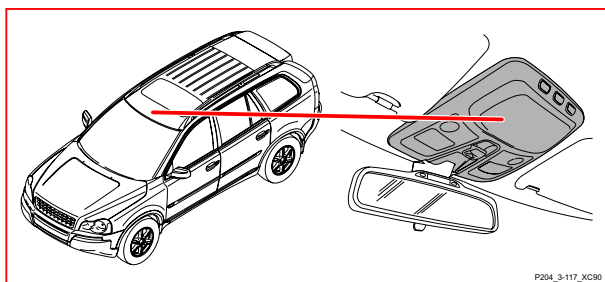
3/117 Ceiling light switch unit, V70



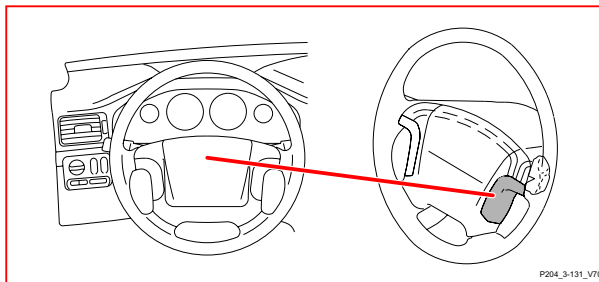
Component illustrations

3/117 XC90 - 3/155

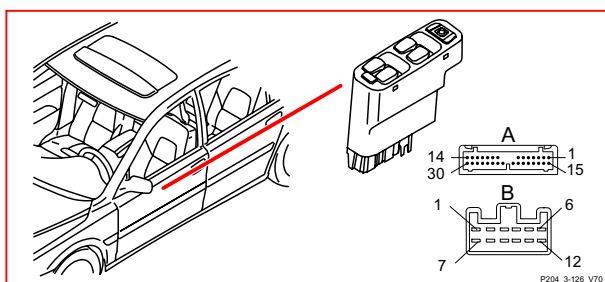
3/117 Ceiling light switch unit, XC90



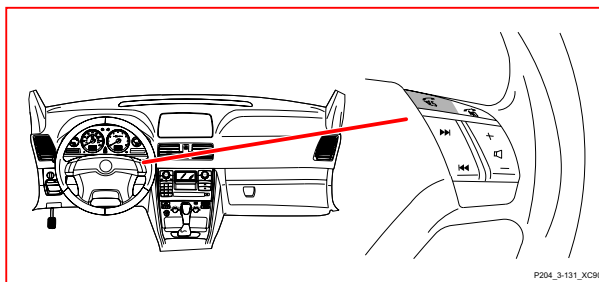
3/131 Steering Wheel Switch Right (SWSR) V70



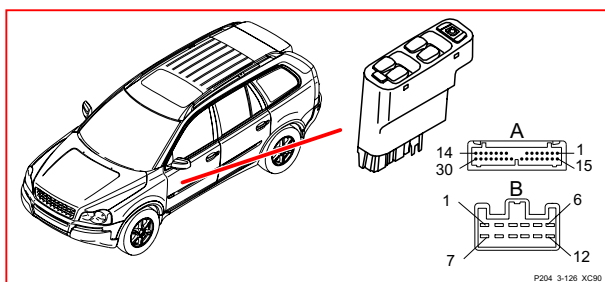
3/126 Driver/Passenger Door Module (DDM)/(PDM), V70



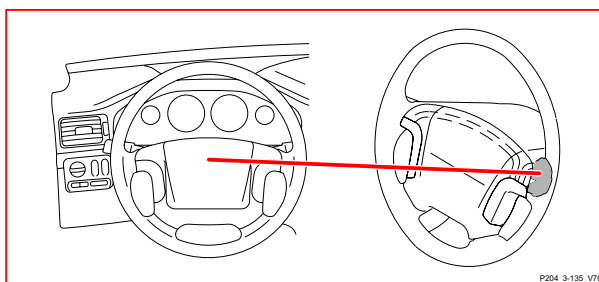
3/131 Steering Wheel Switch Right (SWSR) XC90



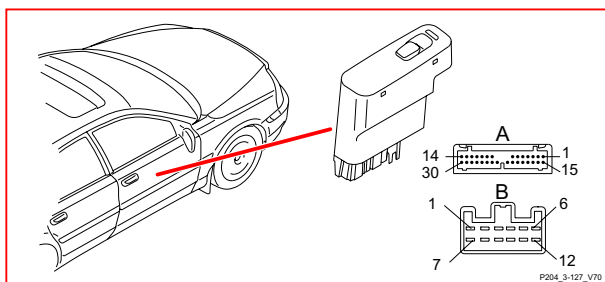
3/126 Driver/Passenger Door Module (DDM)/(PDM), XC90



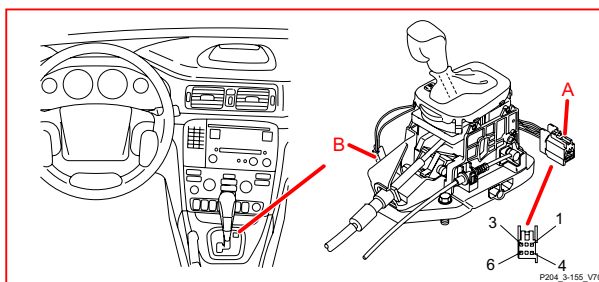
3/135 RTI switch



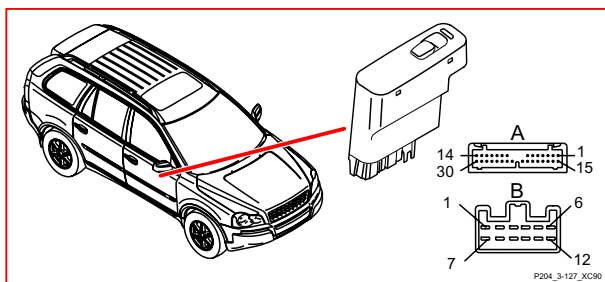
3/127 Passenger/Driver Door Module (PDM)/(DDM), V70



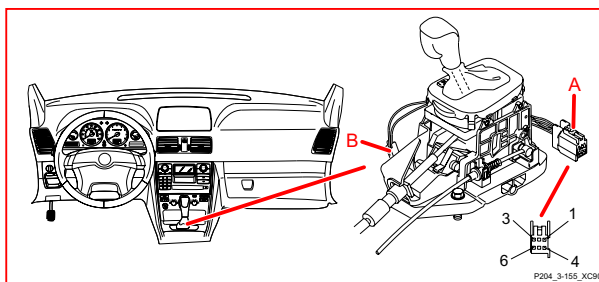
3/155 Program selector, automatic transmission V70



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



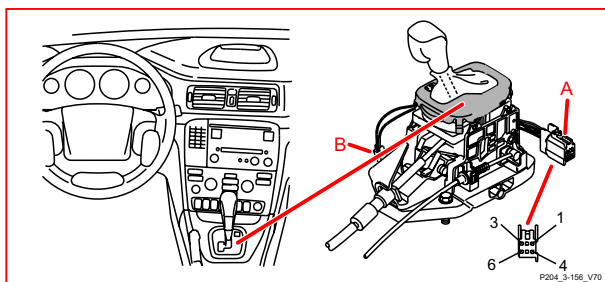
3/155 Program selector, automatic transmission XC90



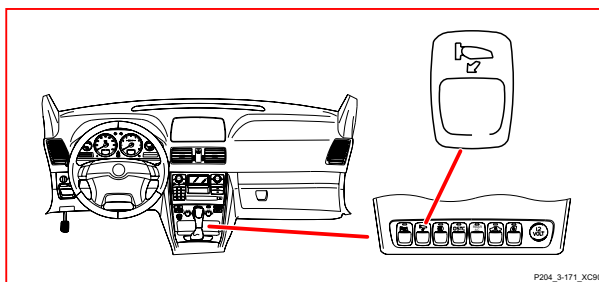
Component illustrations

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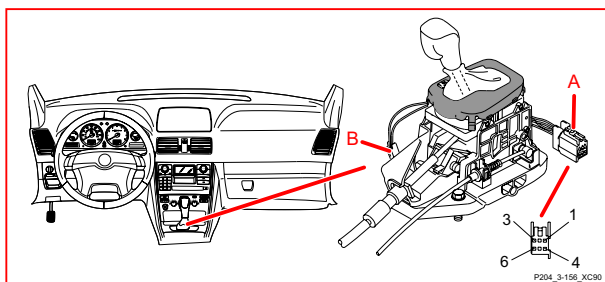
3/156 Gear Selector Module (GSM) V70



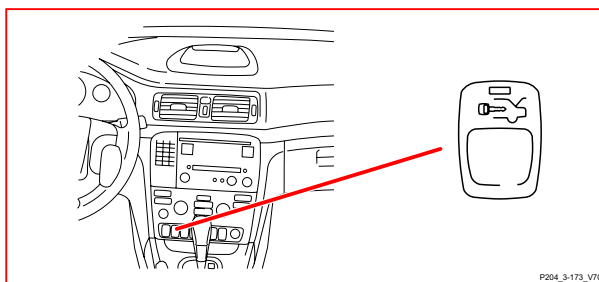
3/171 Switch, retractable door mirrors XC90



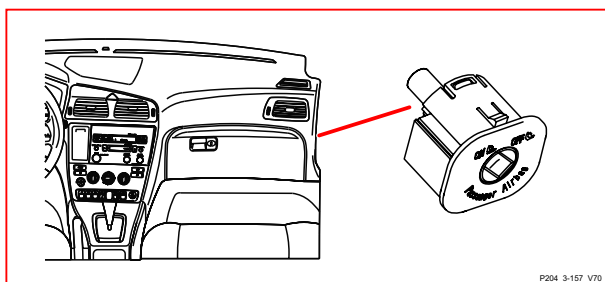
3/156 Gear Selector Module (GSM) XC90



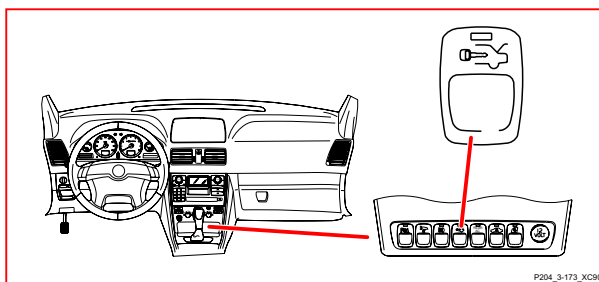
3/173 Switch, tailgate private lock V70



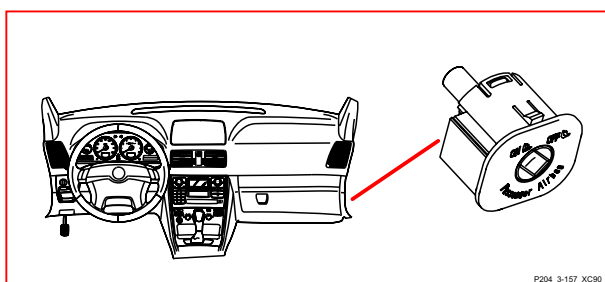
3/157 Switch, front passenger airbag V70



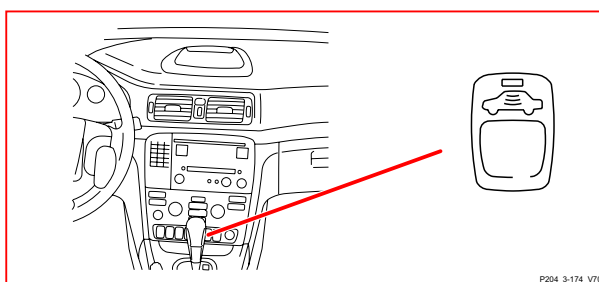
3/173 Switch, tailgate private lock XC90



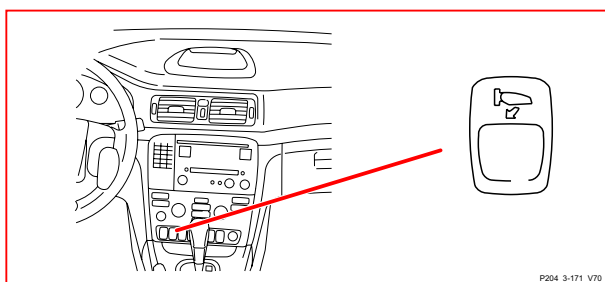
3/157 Switch, front passenger airbag XC90



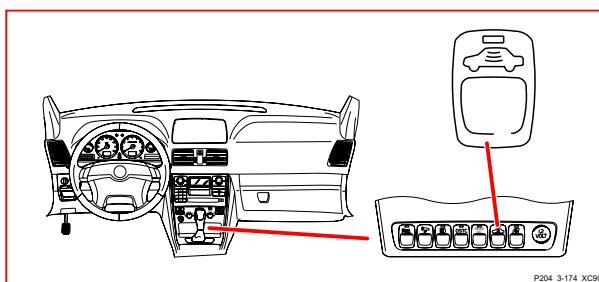
3/174 Switch, reduced alarm V70



3/171 Switch, retractable door mirrors V70



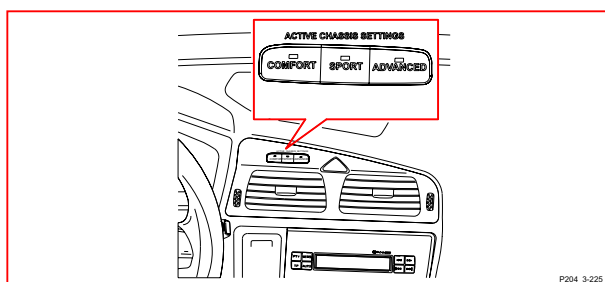
3/174 Switch, reduced alarm XC90



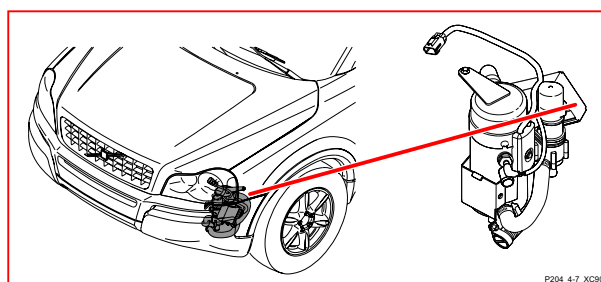
Component illustrations

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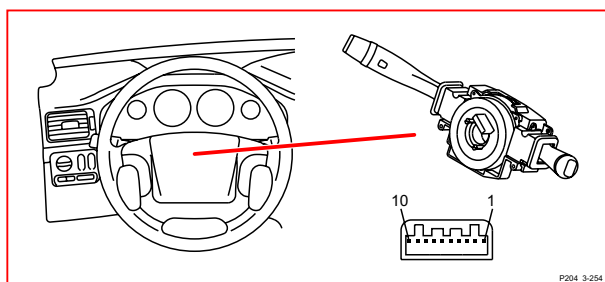
3/225 Switch unit continuous damping control (CCD)



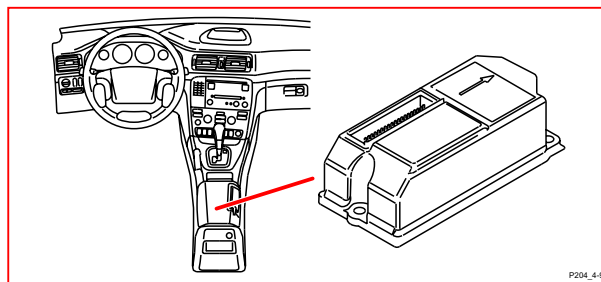
4/7 Combustion Preheater Module (CPM) XC90



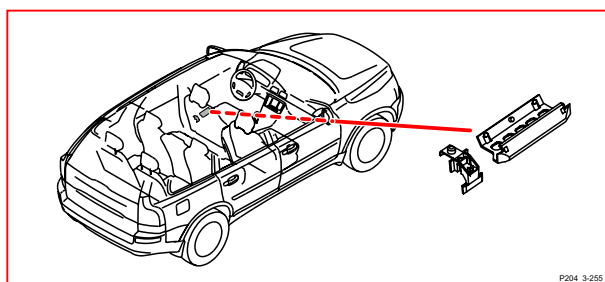
3/254 Steering Wheel Module (SWM)



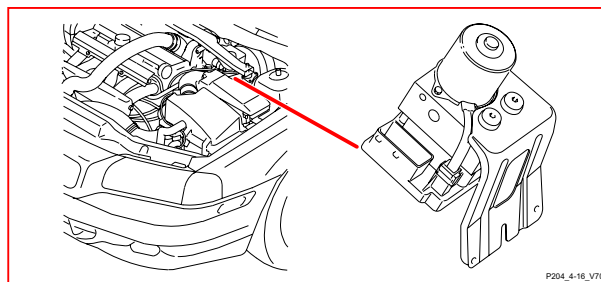
4/9 Supplemental Restraint System module (SRS)



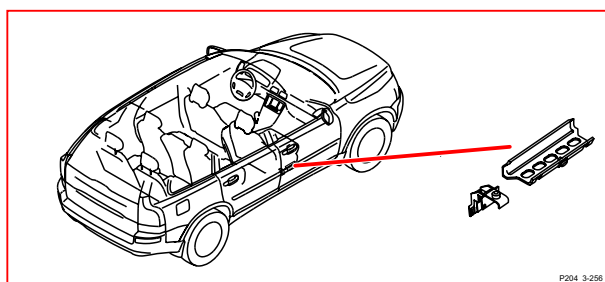
3/255 Position sensor, driver's seat



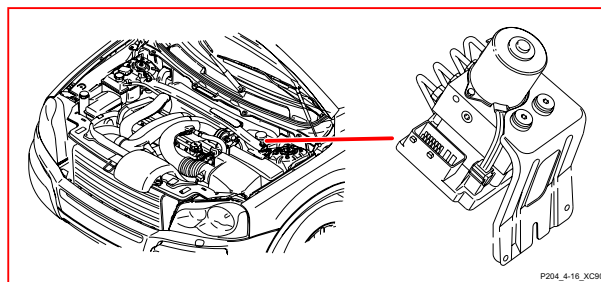
4/16 Brake Control Module (BCM) V70



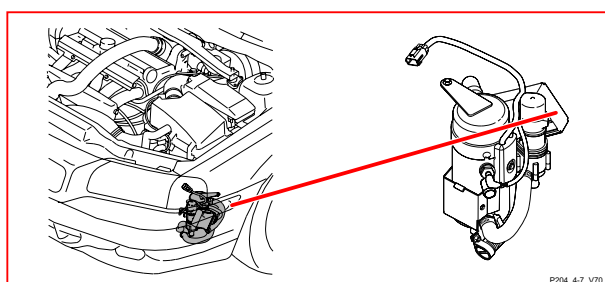
3/256 Position sensor, passenger seat



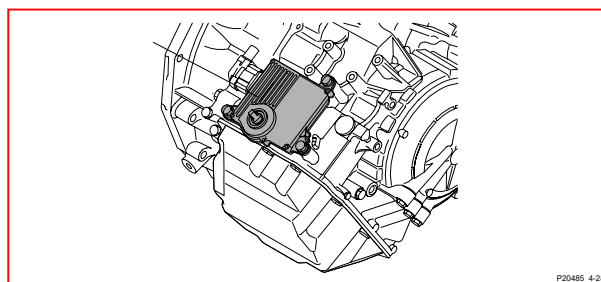
4/16 Brake Control Module (BCM) XC90



4/7 Combustion Preheater Module (CPM) V70



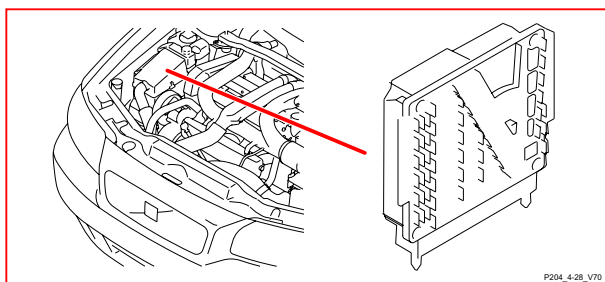
4/28 Transmission Control Module (TCM), TF-80SC



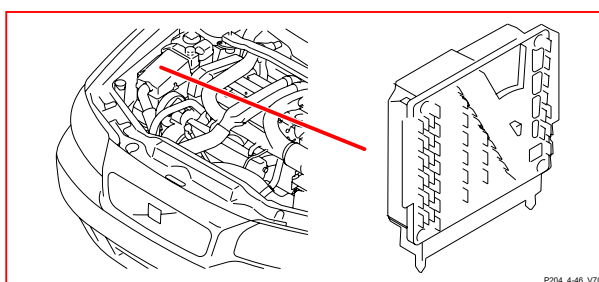
Component illustrations

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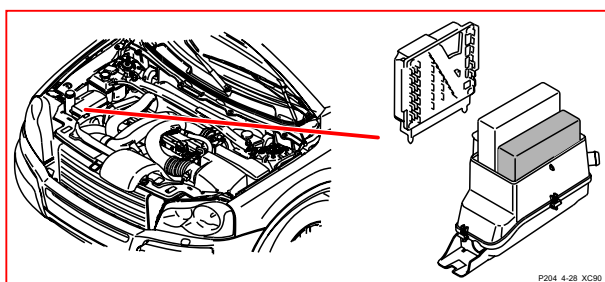
4/28 Transmission Control Module (TCM), V70



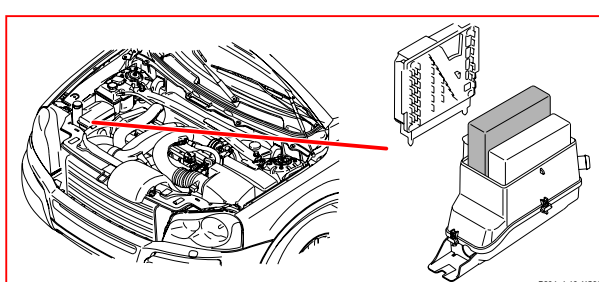
4/46 Engine Control Module (ECM), V70



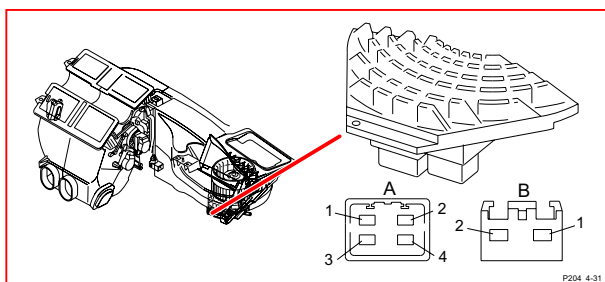
4/28 Transmission Control Module (TCM), XC90



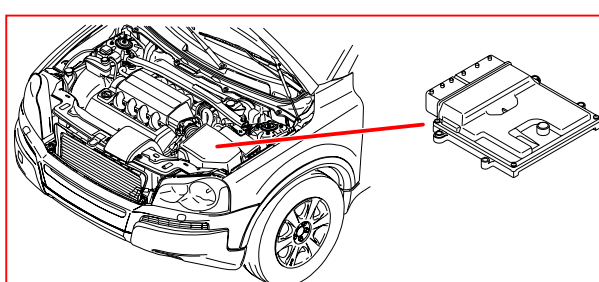
4/46 Engine Control Module (ECM), XC90



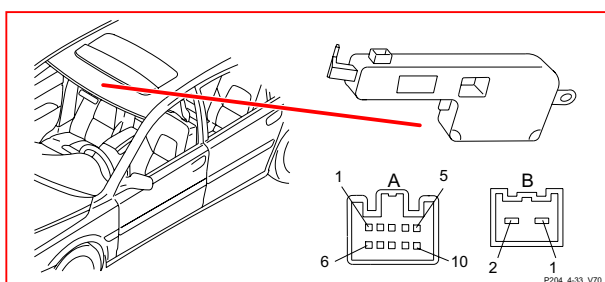
4/31 Fan control module



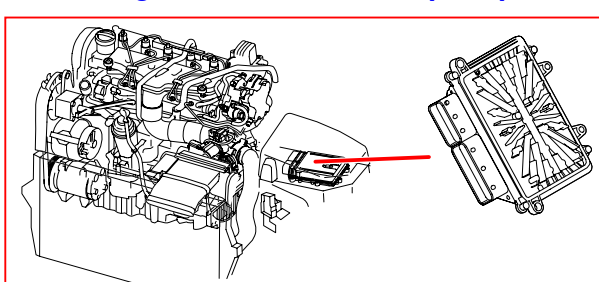
4/46 Engine Control Module (ECM), 8-cyl.



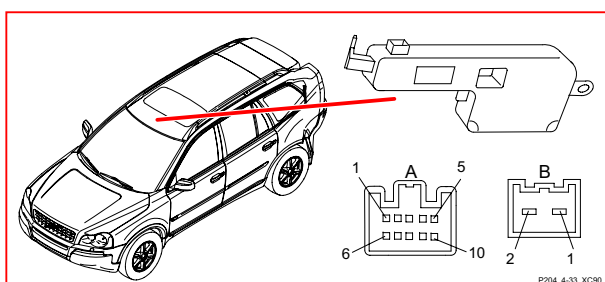
4/33 Sun Roof Module (SRM), V70



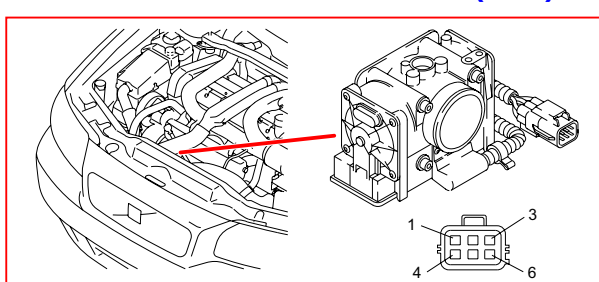
4/46 Engine Control Module (ECM), I5D



4/33 Sun Roof Module (SRM), XC90



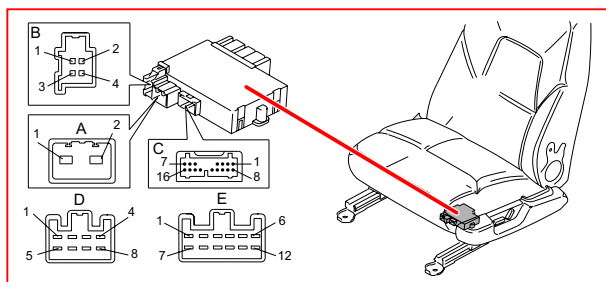
4/50 Electronic Throttle Module (ETM)



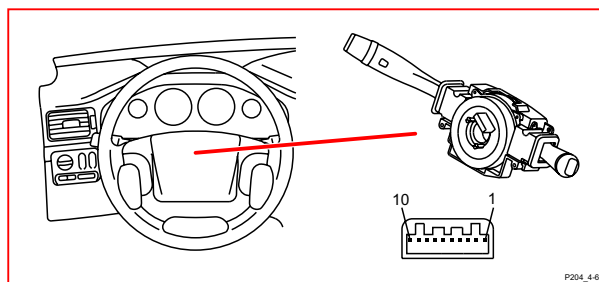
Component illustrations

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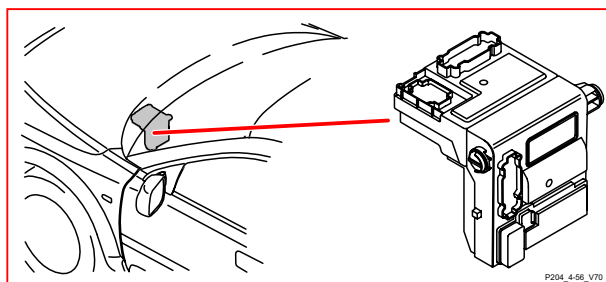
4/52 Power Seat Module (PSM)



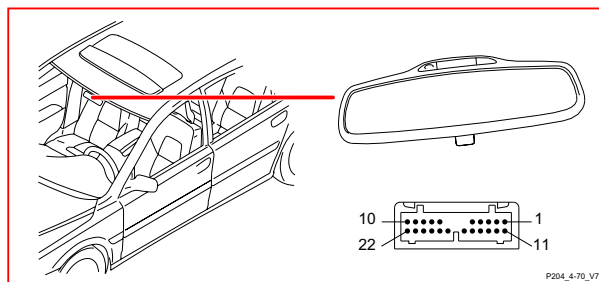
4/68 Steering Wheel Angle Sensor Module (SAS)



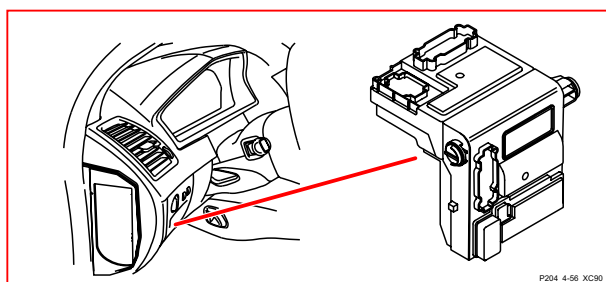
4/56 Central Electronic Module (CEM), V70



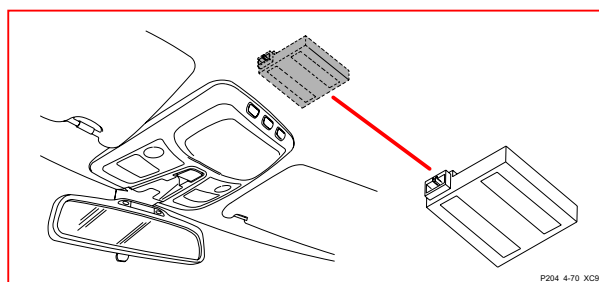
4/70 Upper Electronic Module (UEM), V70



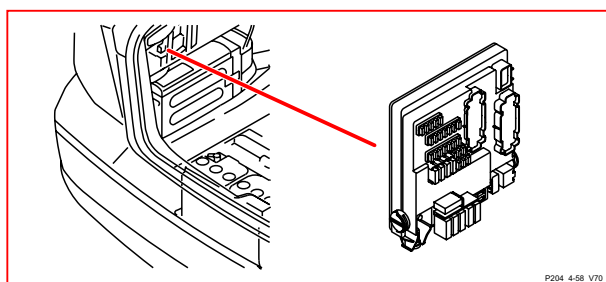
4/56 Central Electronic Module (CEM), XC90



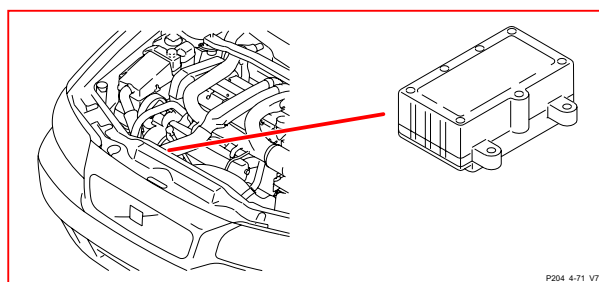
4/70 Upper Electronic Module (UEM), XC90



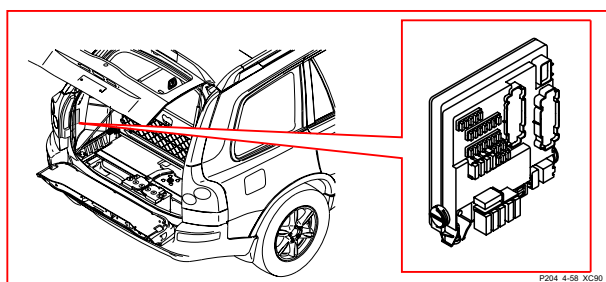
4/58 Rear Electronic Module (REM), V70



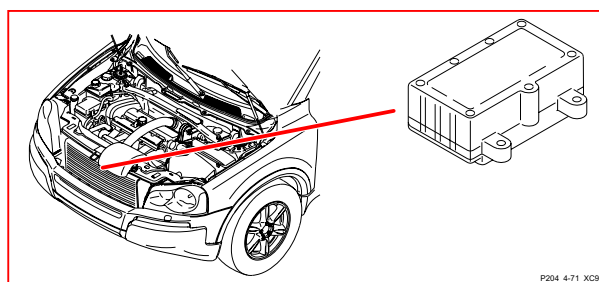
4/71 Cooling fan module V70



4/58 Rear Electronic Module (REM), XC90



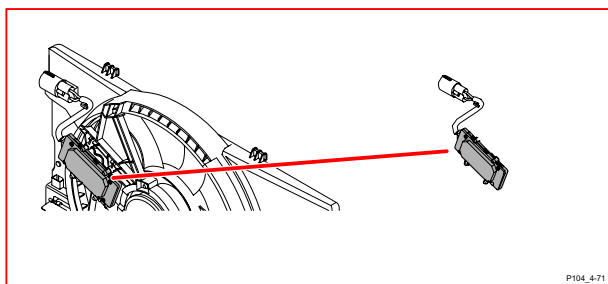
4/71 Cooling fan module XC90



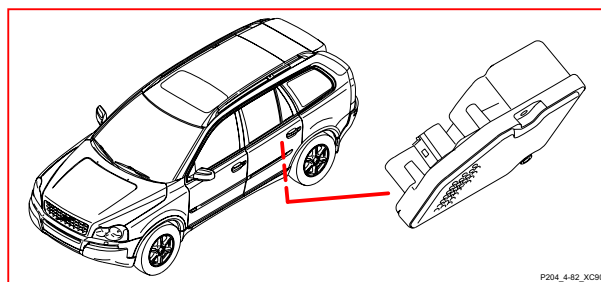
Component illustrations

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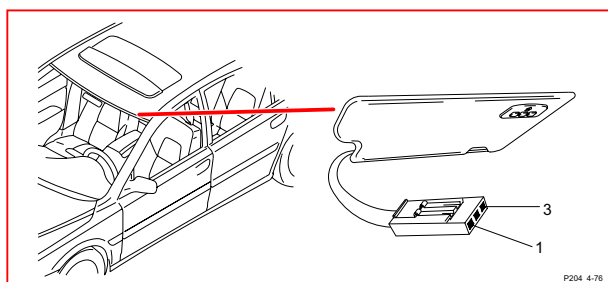
4/71 Cooling fan module I5D



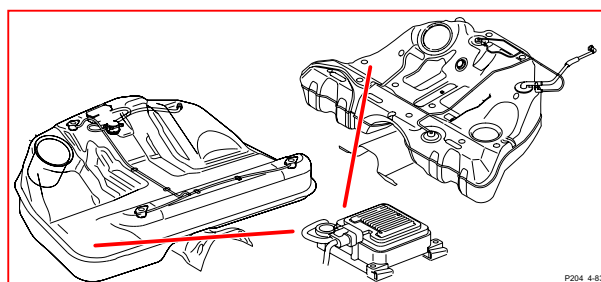
4/82 Differential Electronic Module (DEM) XC90



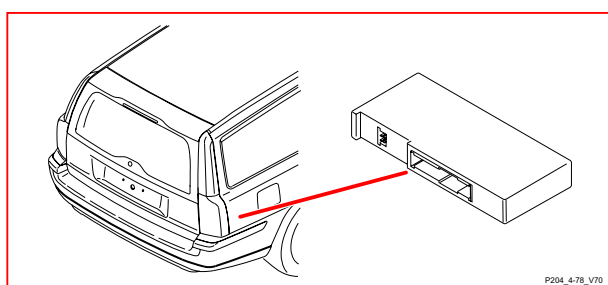
4/76 Remote control unit for garage door opener



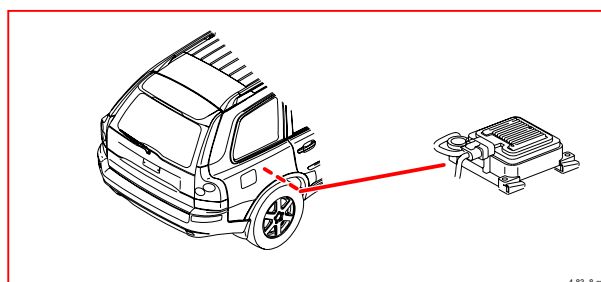
4/83 Control module fuel pump



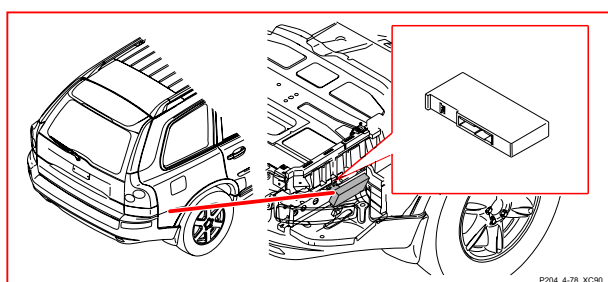
4/78 Accessory Electronic Module (AEM) V70



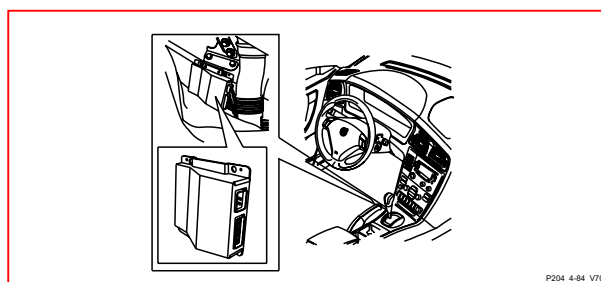
4/83 Fuel pump module, 8-cyl.



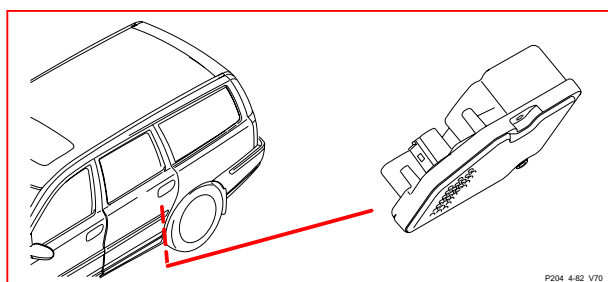
4/78 Accessory Electronic Module (AEM) XC90



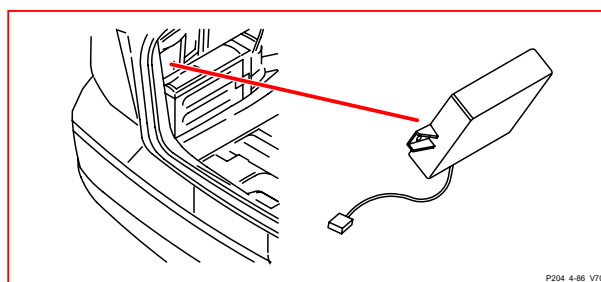
4/84 Suspension Module (SUM)



4/82 Differential Electronic Module (DEM) V70



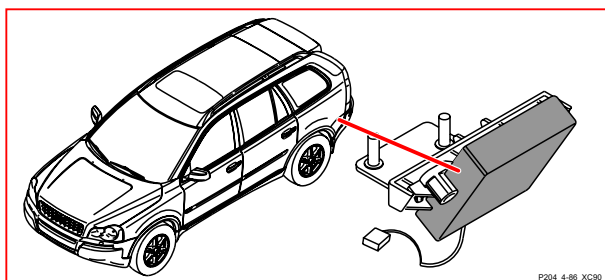
4/86 Parking Assistance Module (PAM) V70



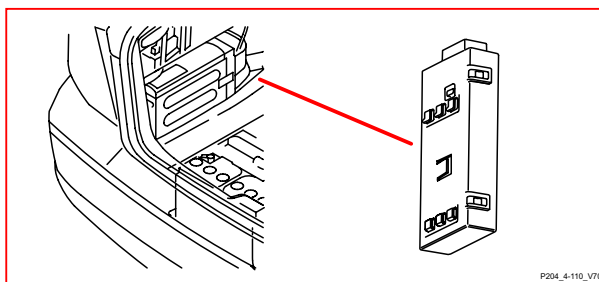
Component illustrations

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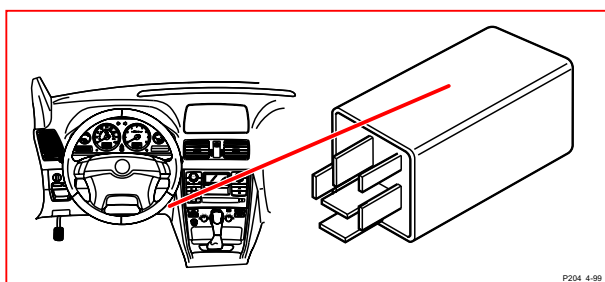
**4/86 Parking Assistance Module (PAM)
XC90**



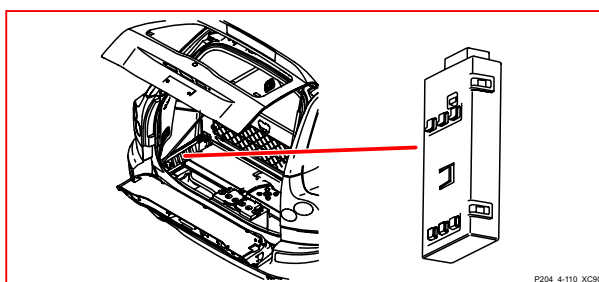
4/110 Trailer module V70



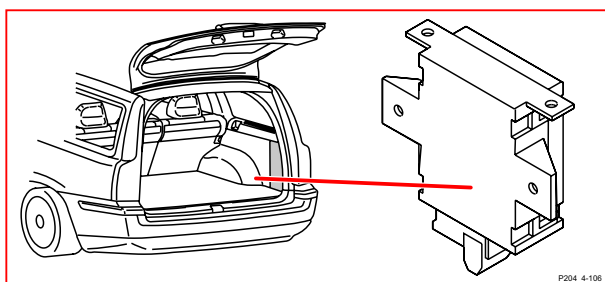
**4/99 Electronic power steering control
module**



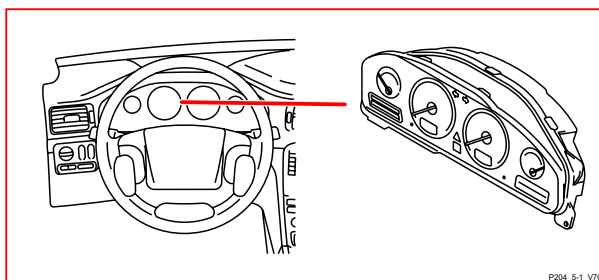
4/110 Trailer module XC90



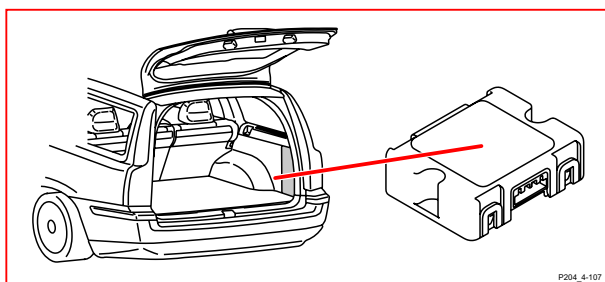
**4/106 Control module, remote parking
heater start**



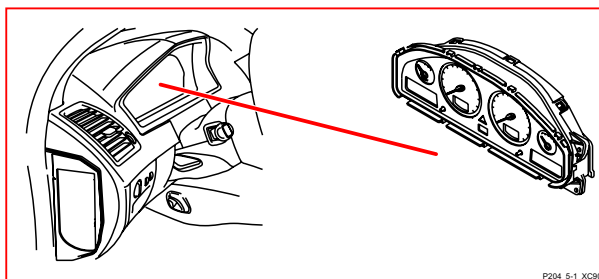
5/1 Driver Information Module (DIM) V70



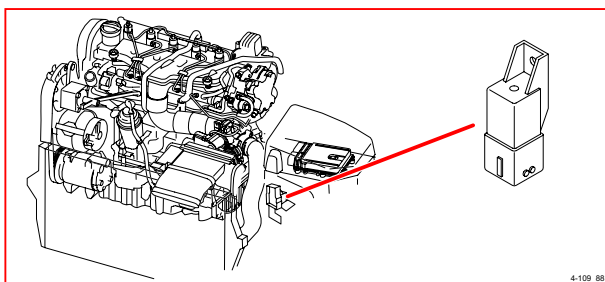
**4/107 Control module, parking heater, Call
start**



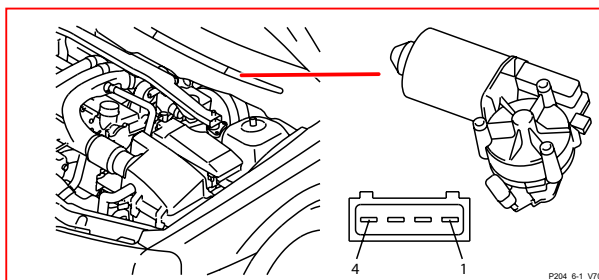
5/1 Driver Information Module (DIM) XC90



4/109 Glow plug control module



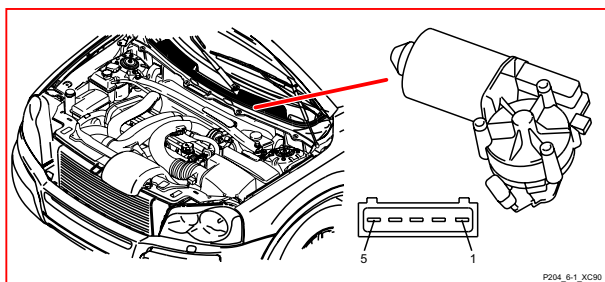
6/1 Windshield wiper motor V70



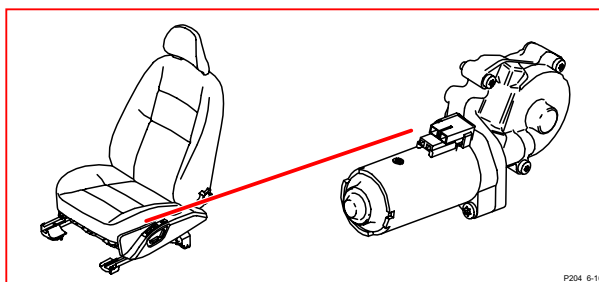
Component illustrations

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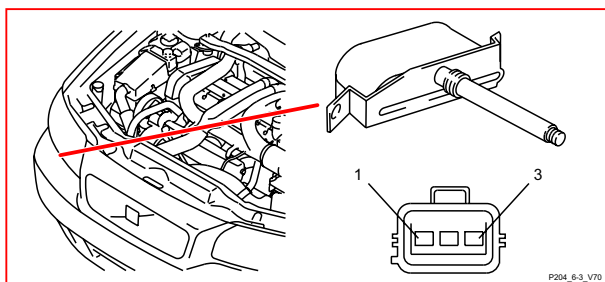
6/1 Windshield wiper motor XC90



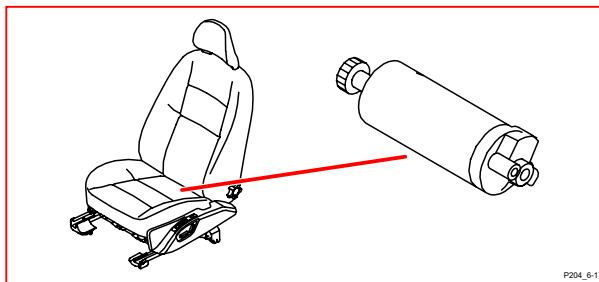
6/16 Motor driver's seat, backrest angle



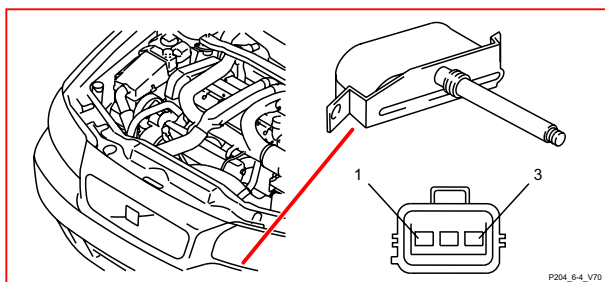
6/3 Right-hand headlight wiper motor



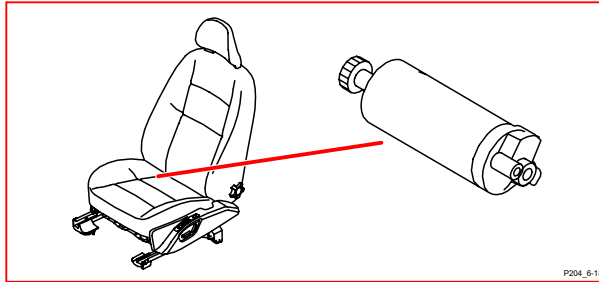
6/17 Motor driver's seat, up/down front edge



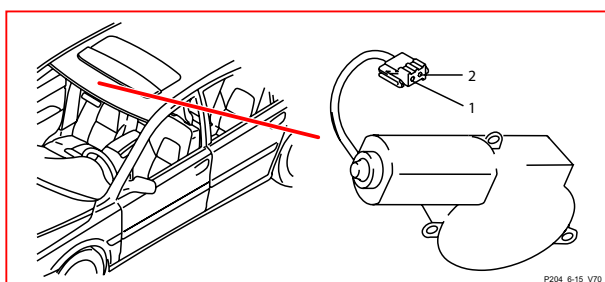
6/4 Left-hand headlight wiper motor



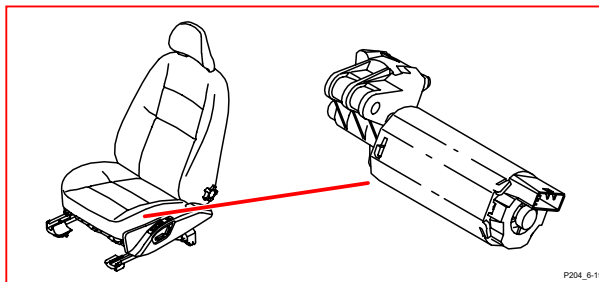
6/18 Motor driver's seat, up/down rear edge



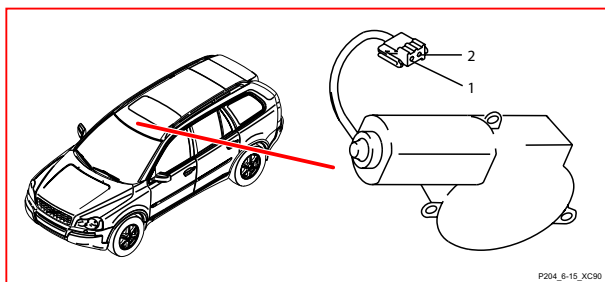
6/15 Sunroof motor, V70



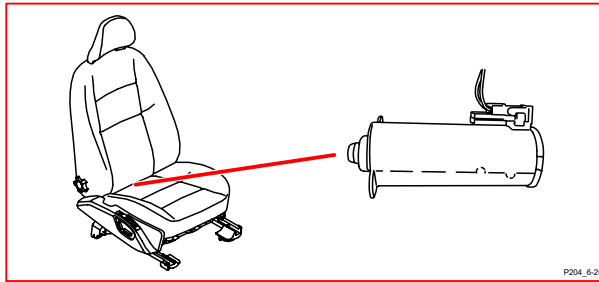
6/19 Motor driver's seat, fore/aft



6/15 Sunroof motor, XC90



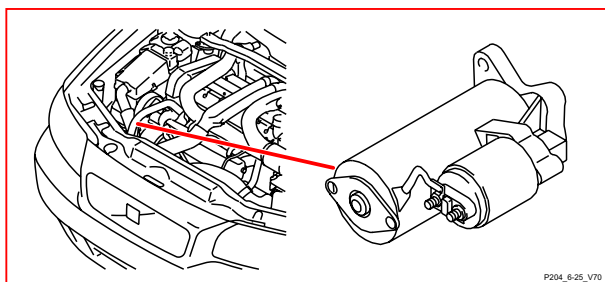
6/20 Motor passenger seat, fore/aft



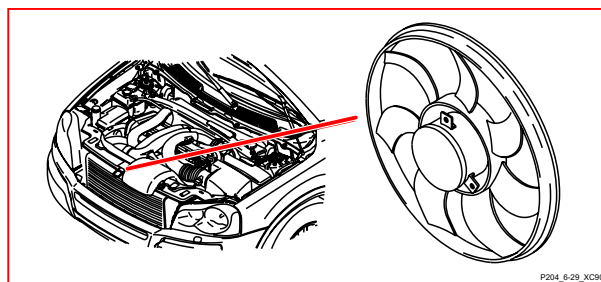
Component illustrations

6/25 - 6/33 V70

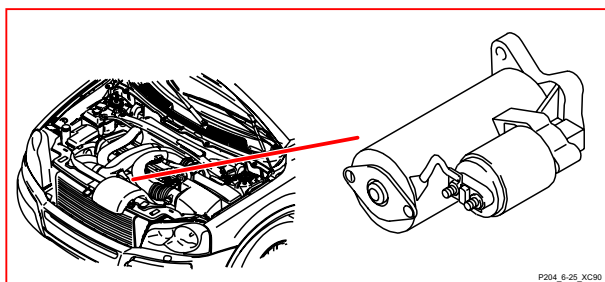
6/25 Starter motor V70



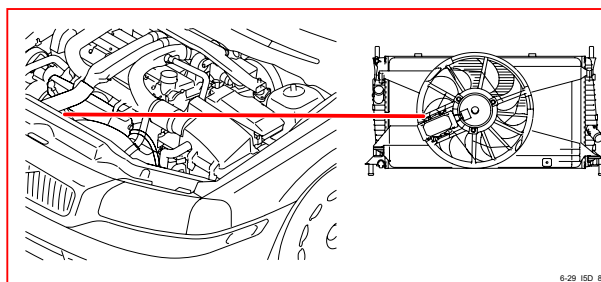
6/29 Motor, electric cooling fan



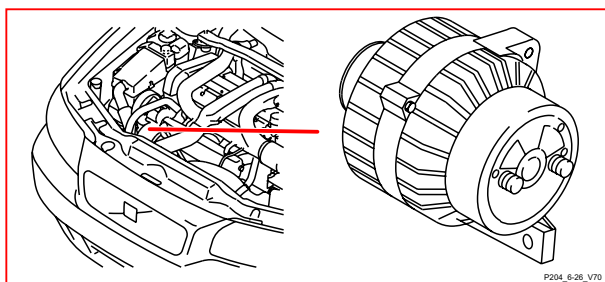
6/25 Starter motor XC90



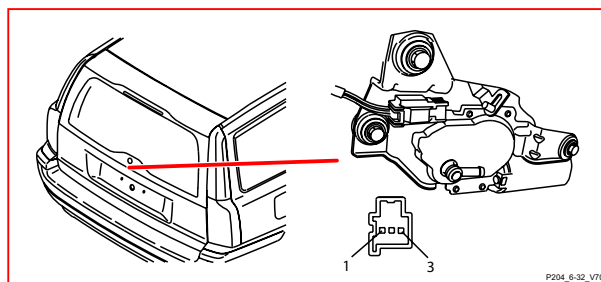
6/29 Cooling fan motor, I5D



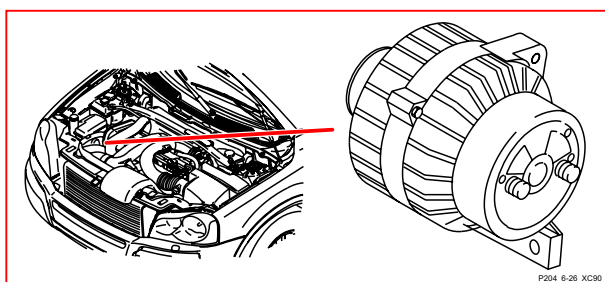
6/26 Alternator Control Module (ACM) V70



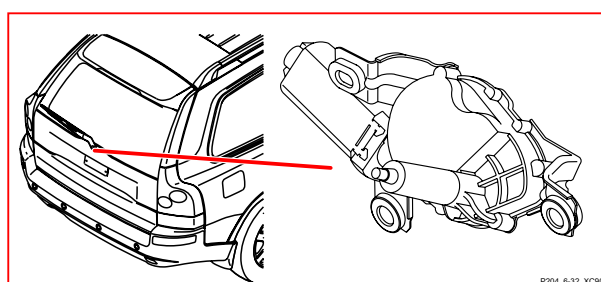
6/32 Rear window wiper motor, V70



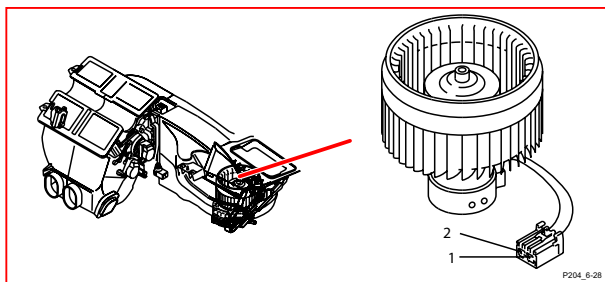
6/26 Alternator Control Module (ACM) XC90



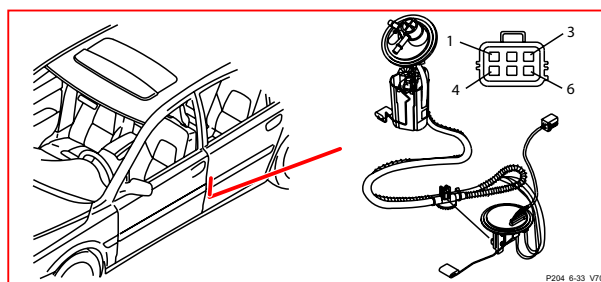
6/32 Rear window wiper motor XC90



6/28 Motor, passenger compartment fan



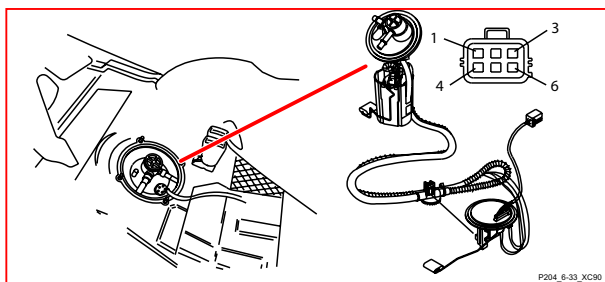
6/33 Fuel pump V70



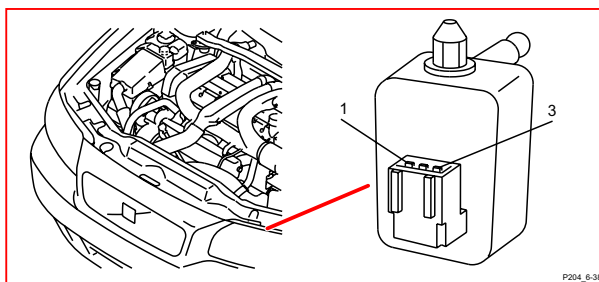
Component illustrations

6/33 XC90 - 6/48

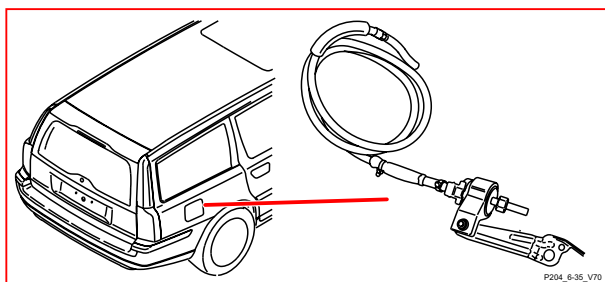
6/33 Fuel pump XC90



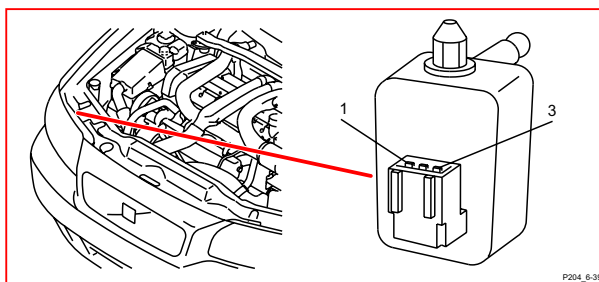
6/38 Motor, left headlight adjustment



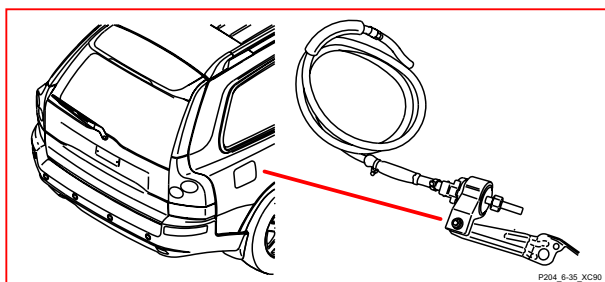
6/35 Fuel pump, auxiliary heater V70



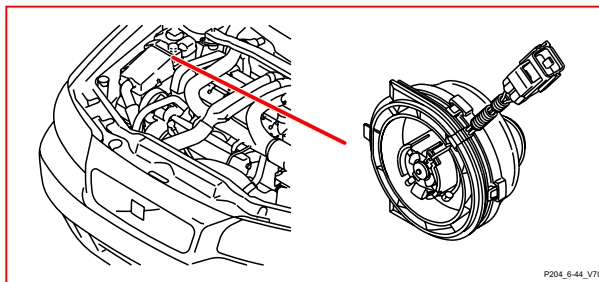
6/39 Motor, right headlight adjustment



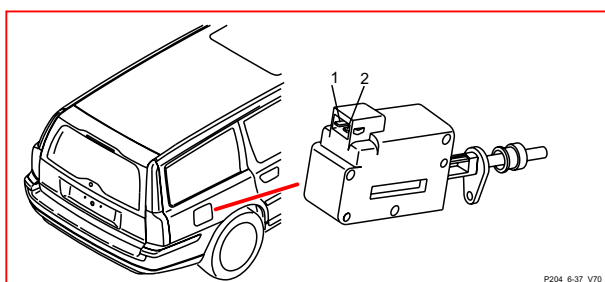
6/35 Fuel pump, auxiliary heater XC90



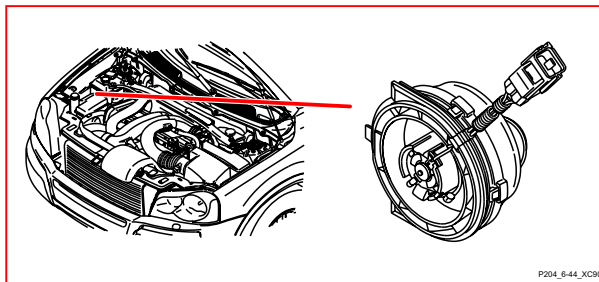
6/44 Cooling fan, electrics box, engine compartment V70



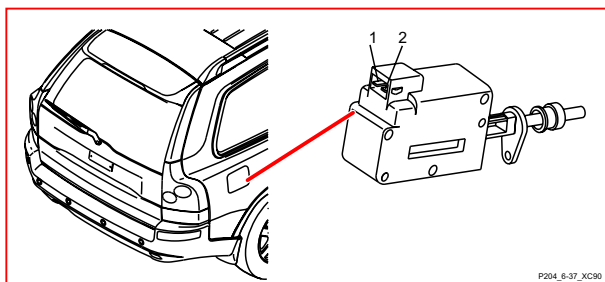
6/37 Lock motor, fuel filler flap V70



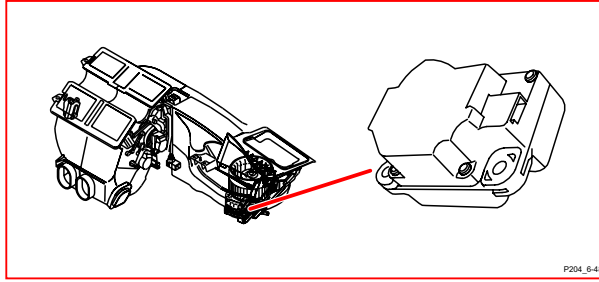
6/44 Cooling fan, electrics box, engine compartment XC90



6/37 Lock motor, fuel filler flap XC90



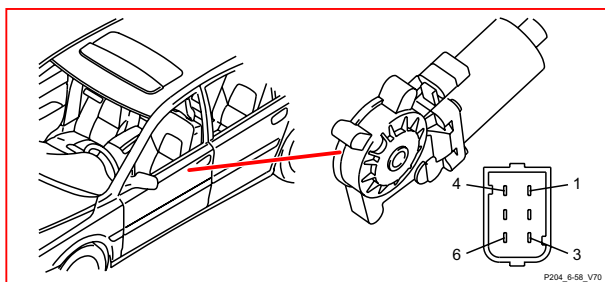
6/48 Damper Motor Module (DMM), recirculation



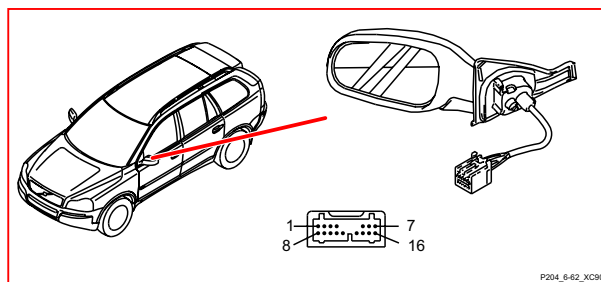
Component illustrations

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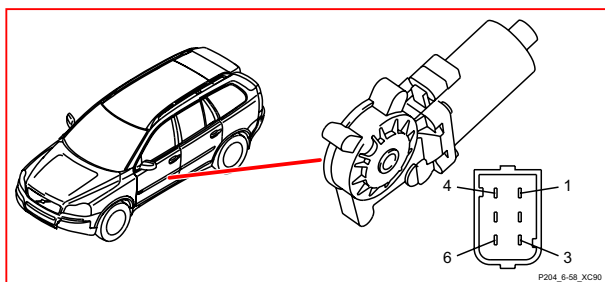
6/58 Front left power window motor, V70



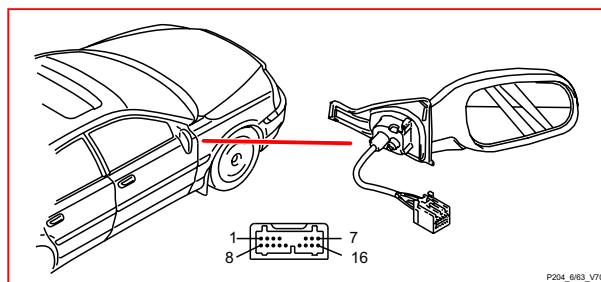
6/62 Left power door mirror, XC90



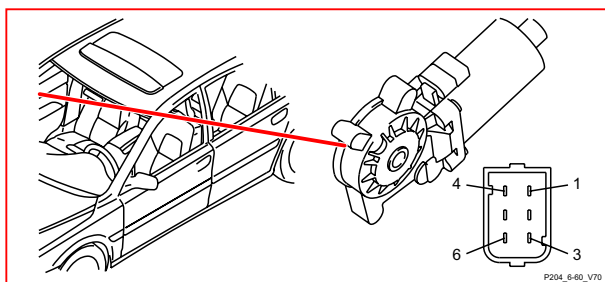
6/58 Front left power window motor, XC90



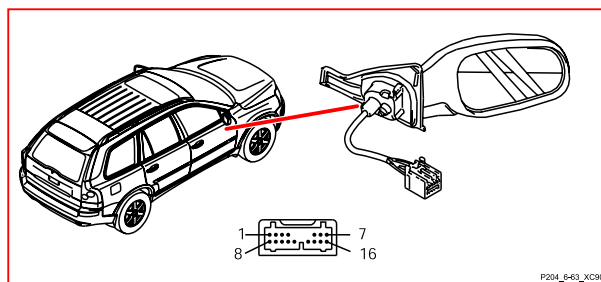
6/63 Right power door mirror, V70



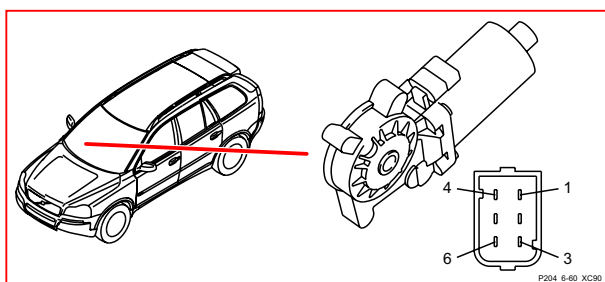
6/60 Front right power window motor, V70



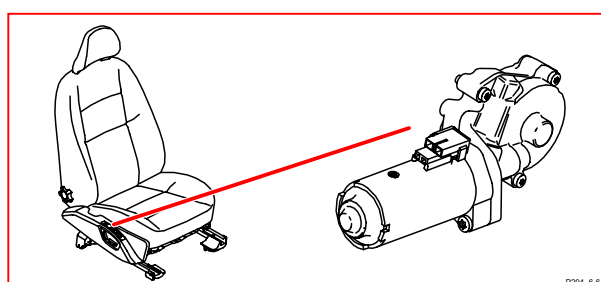
6/63 Right power door mirror, XC90



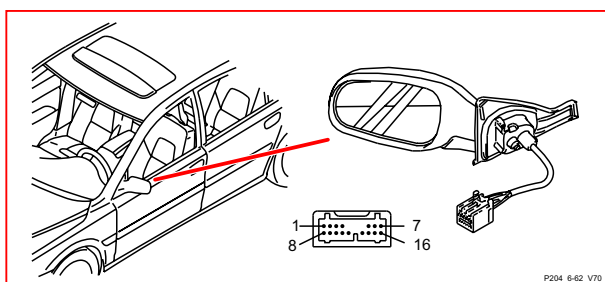
6/60 Front right power window motor, XC90



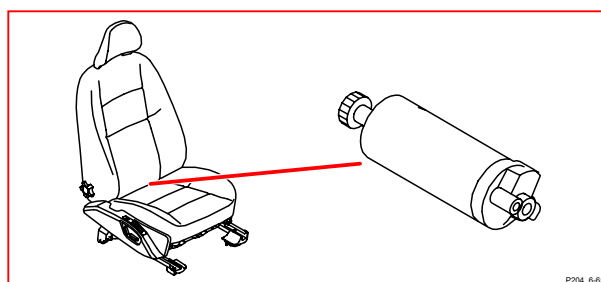
6/64 Motor passenger seat, backrest angle



6/62 Left power door mirror, V70



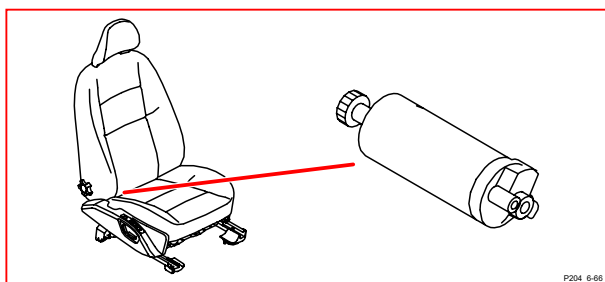
6/65 Motor passenger seat, up/down front edge



Component illustrations

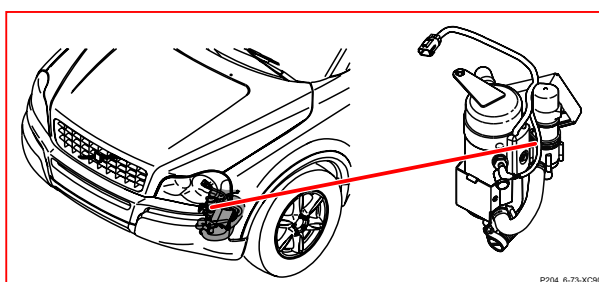
6/66 - 6/93 V70

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



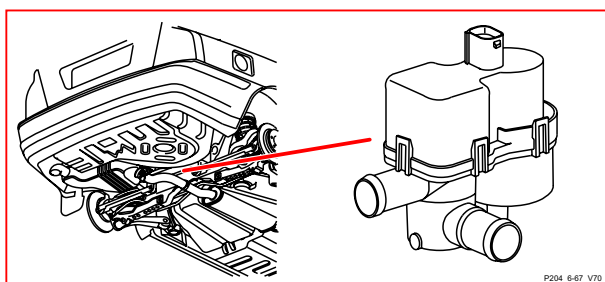
P204_6-66

6/73 Coolant pump, auxiliary heater XC90



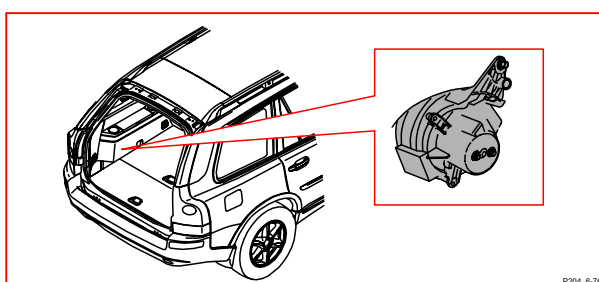
P204_6-73-XC90

6/67 Pump, fuel leakage control, V70



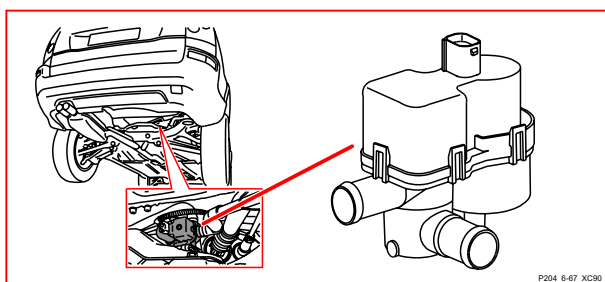
P204_6-67_V70

6/76 Climate control system, rear



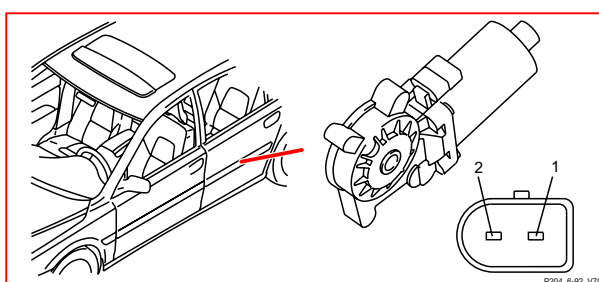
P204_6-76

6/67 Pump, fuel leakage control XC90



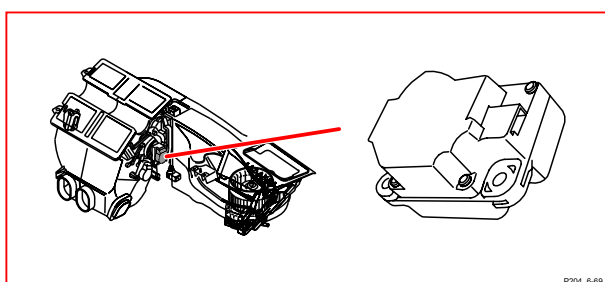
P204_6-67_XC90

6/92 Rear left power window motor V70



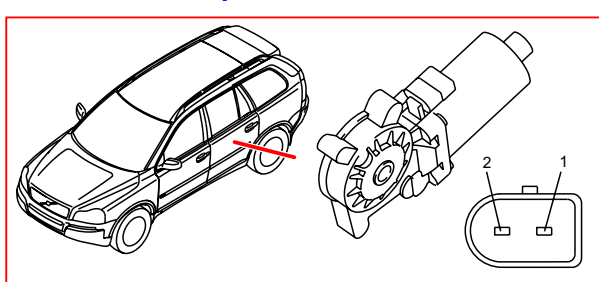
P204_6-92_V70

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



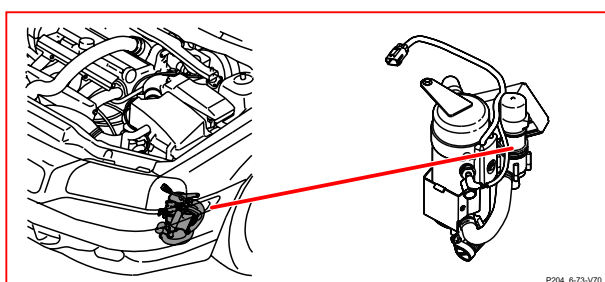
P204_6-69

6/92 Rear left power window motor XC90



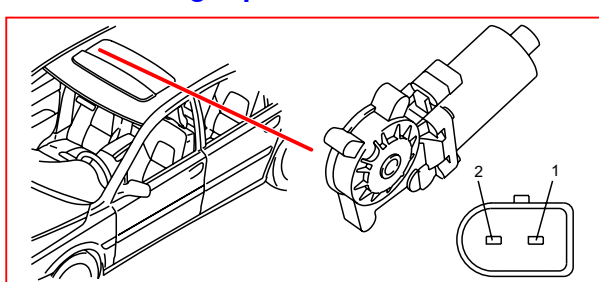
P204_6-92_XC90

6/73 Coolant pump, auxiliary heater V70



P204_6-73-V70

6/93 Rear right power window motor V70

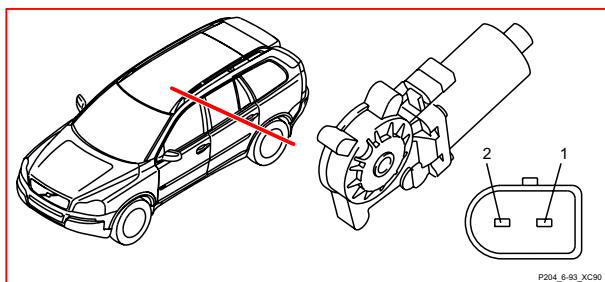


P204_6-93_V70

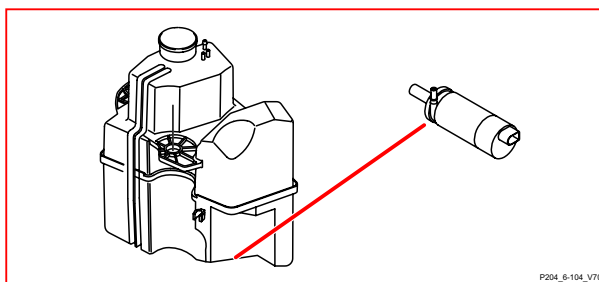
Component illustrations

6/93 XC90 - 6/114

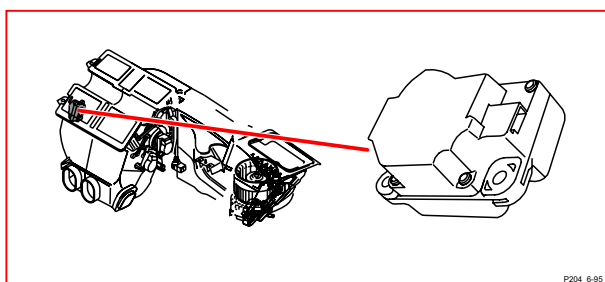
6/93 Rear right power window motor XC90



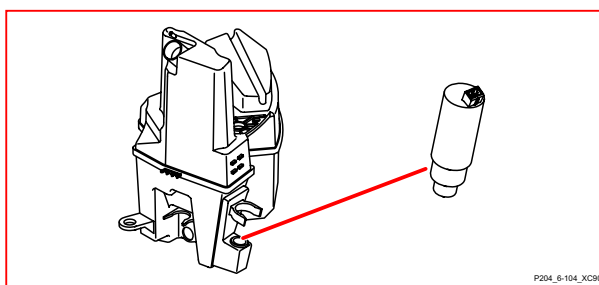
6/104 High pressure headlight washer motor V70



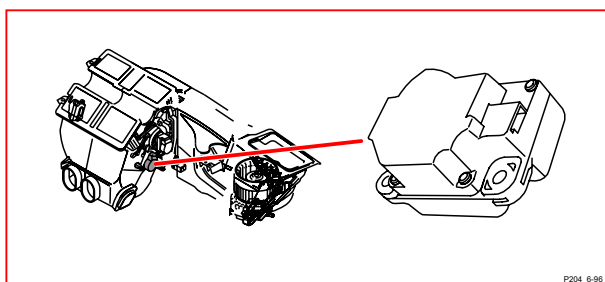
6/95 Damper Motor Module (DMM), temperature, left-hand side



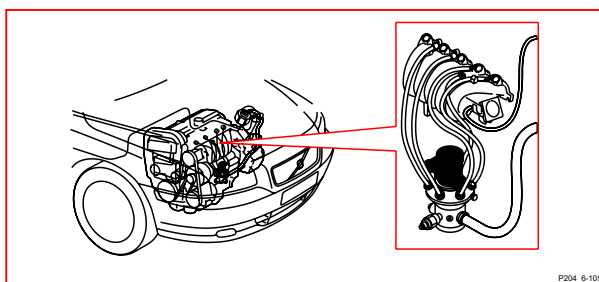
6/104 High pressure headlight washer motor XC90



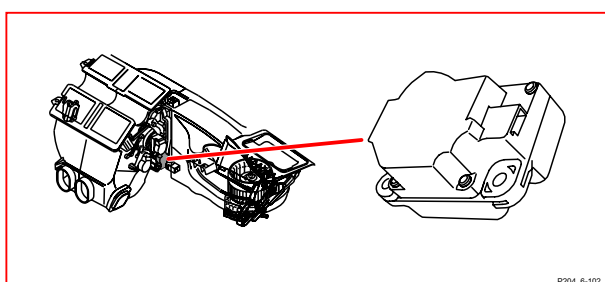
6/96 Damper Motor Module (DMM), temperature, right-hand side



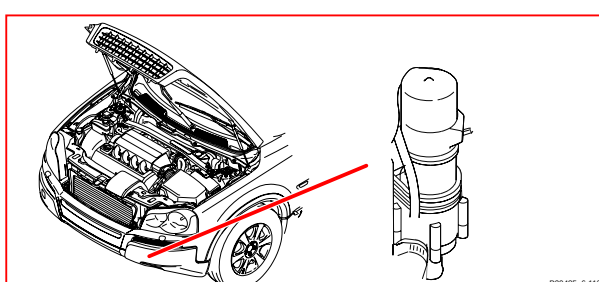
6/105 Fuel distributor, gas



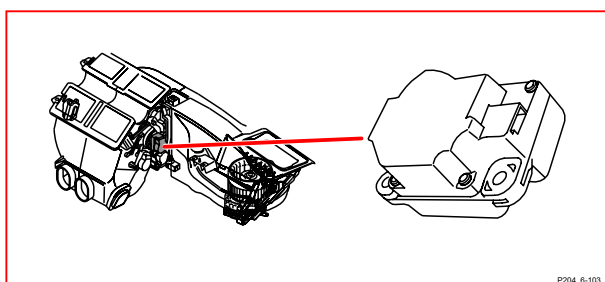
6/102 Damper Motor Module (DMM), defroster



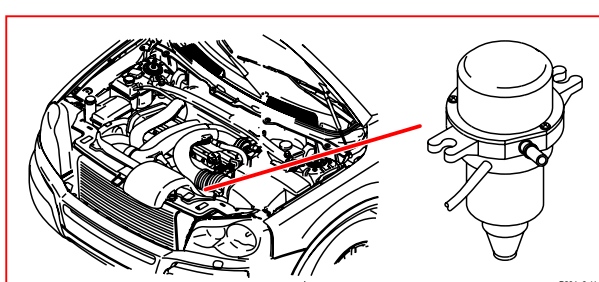
6/113 Coolant pump, 8-cyl.



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



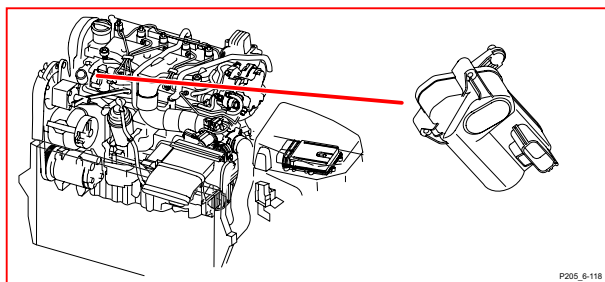
6/114 Vacuum pump



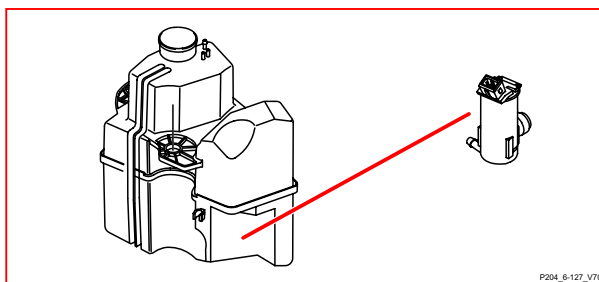
Component illustrations

6/118 - 7/5 V70

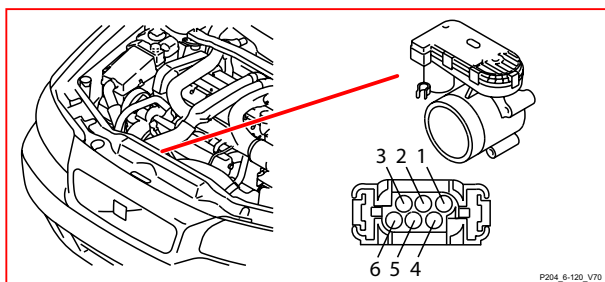
6/118 Regulator motor, swirl throttle



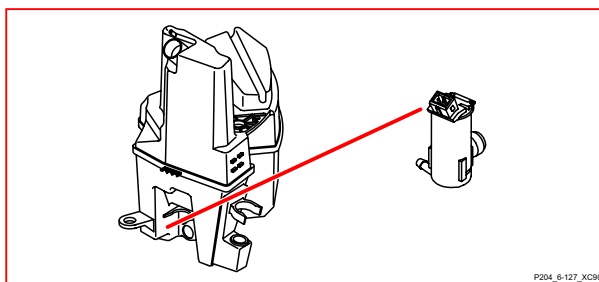
6/127 Washer motor V70



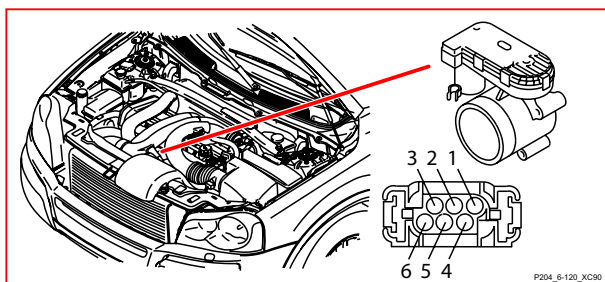
6/120 Throttle body motor V70



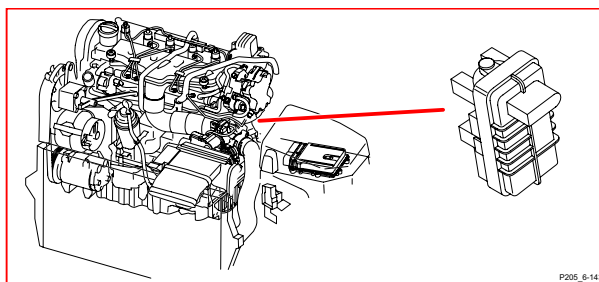
6/127 Washer motor XC90



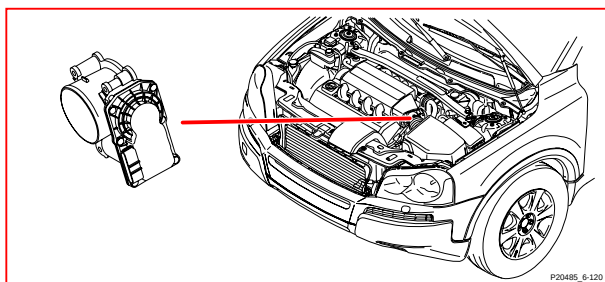
6/120 Throttle body motor XC90



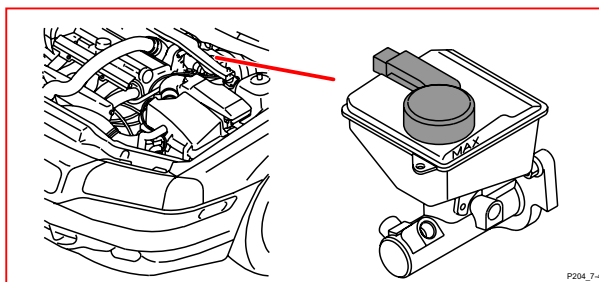
6/143 Regulator motor, turbo



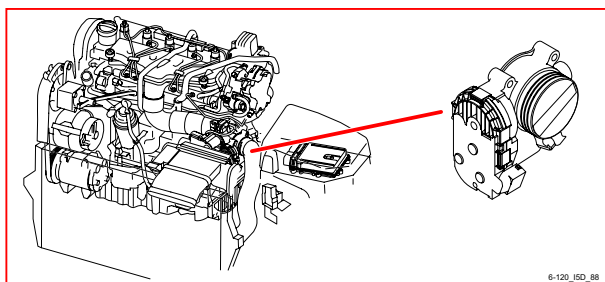
6/120 Throttle body motor 8-cyl.



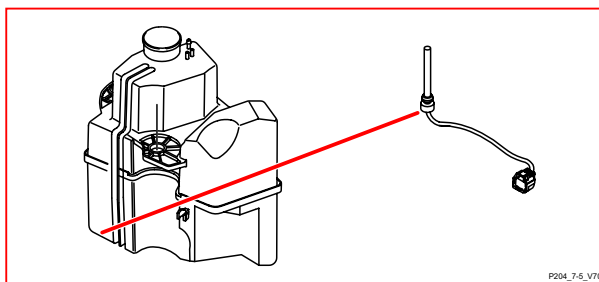
7/4 Brake fluid level sensor



6/120 Throttle body motor, I5D



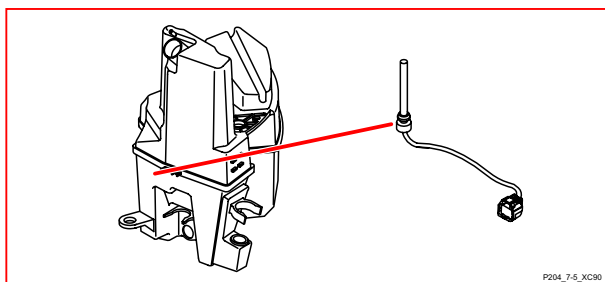
7/5 Washer fluid level sensor V70



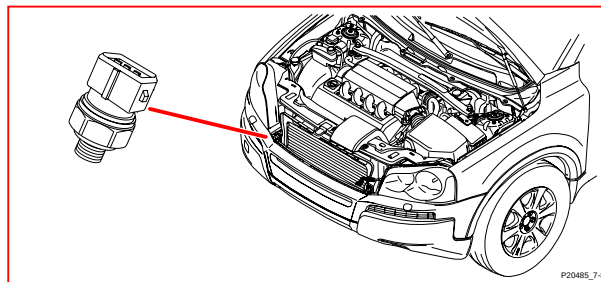
Component illustrations

7/5 XC90 - 7/12 V70

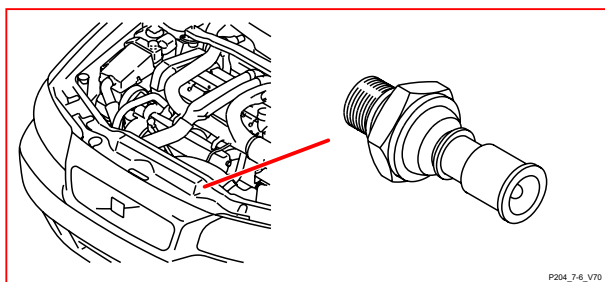
7/5 Washer fluid level sensor XC90



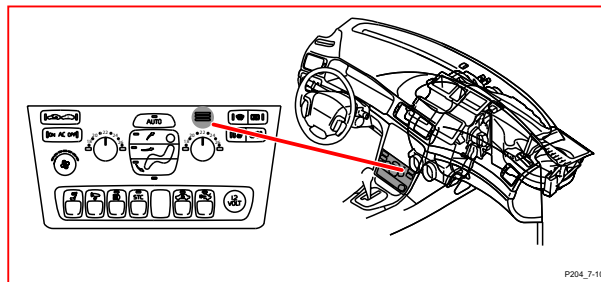
7/8 Pressure sensor, climate control system, 8-cyl.



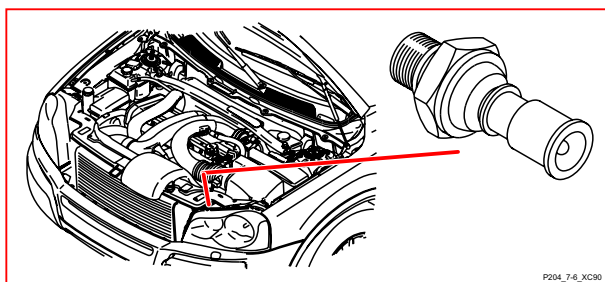
7/6 Oil pressure monitor V70



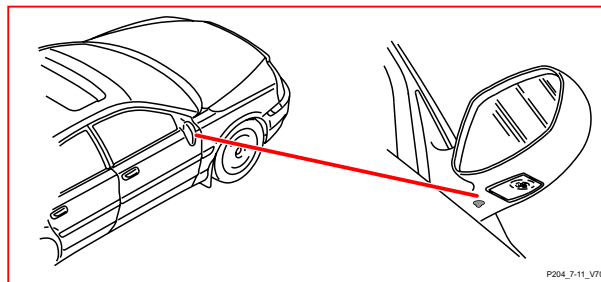
7/10 Interior temperature sensor



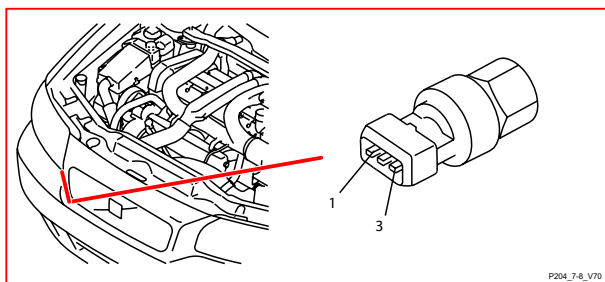
7/6 Oil pressure monitor XC90



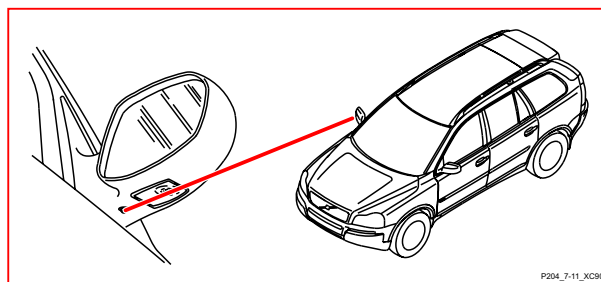
7/11 Outside temperature sensor V70



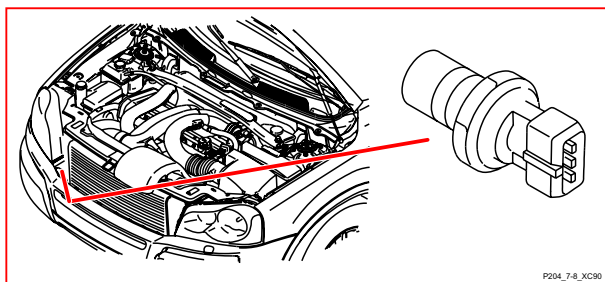
7/8 Pressure sensor, climate control system V70



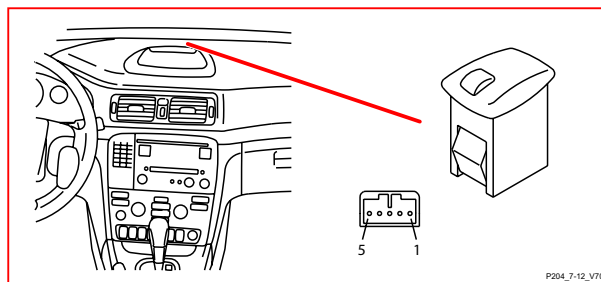
7/11 Outside temperature sensor XC90



7/8 Pressure sensor, climate control system XC90



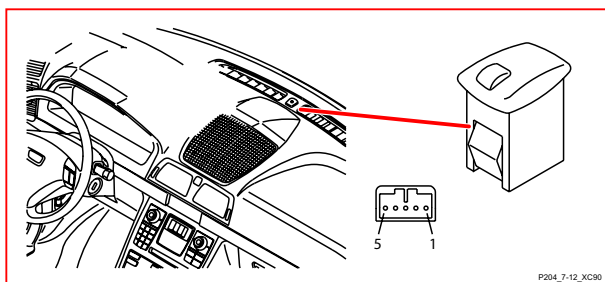
7/12 Solar sensor, twilight sensor and indicator alarm V70



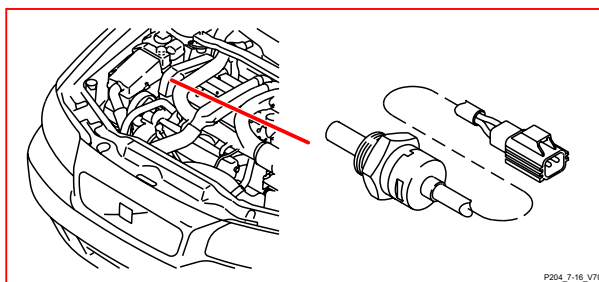
Component illustrations

7/12 XC90 - 7/17

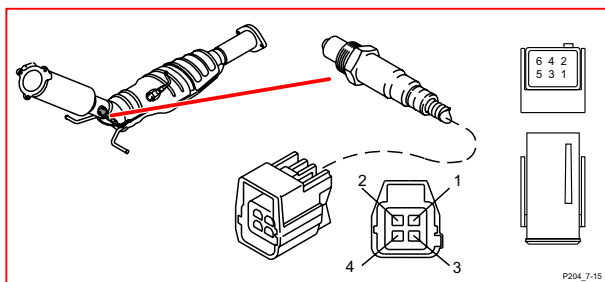
7/12 Solar sensor, twilight sensor and indicator alarm XC90



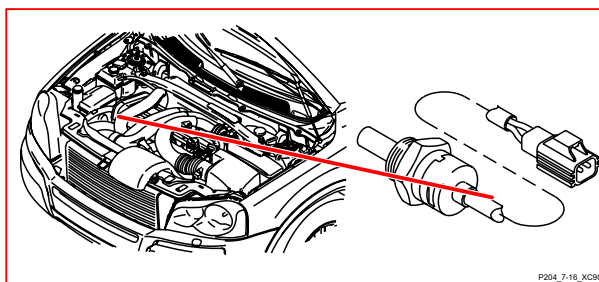
7/16 Coolant temperature sensor V70



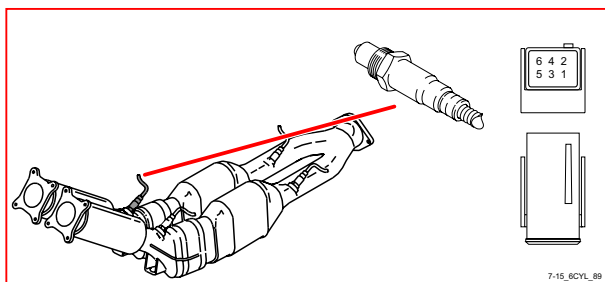
7/15 Heated oxygen sensor, 5-cyl.



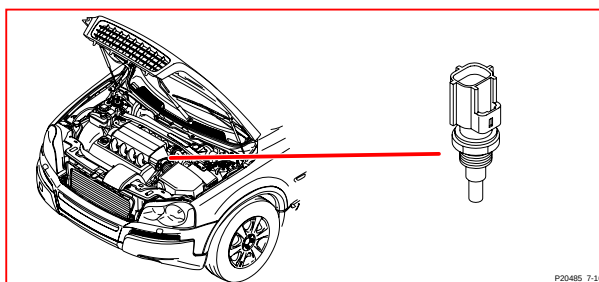
7/16 Coolant temperature sensor XC90



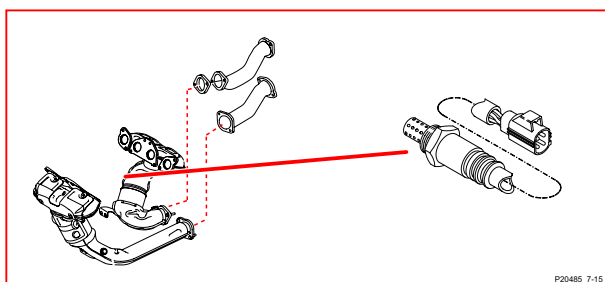
7/15 Heated oxygen sensor, 6-cyl.



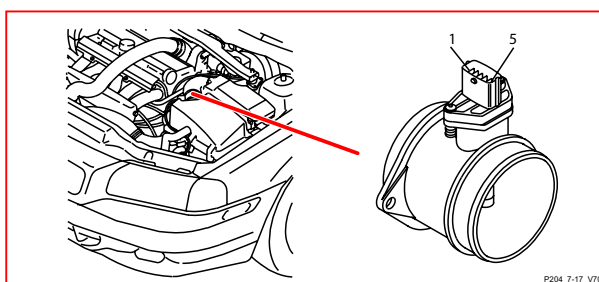
7/16 Coolant temperature sensor, 8-cyl.



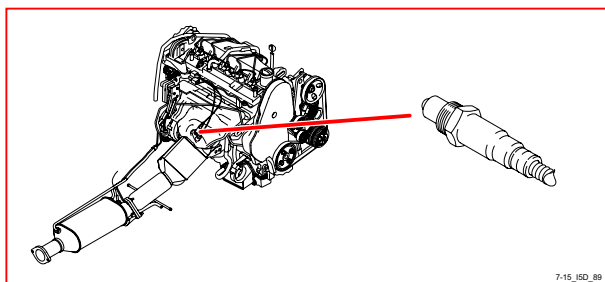
7/15 Front heated oxygen sensor, bank 2, 8-cyl.



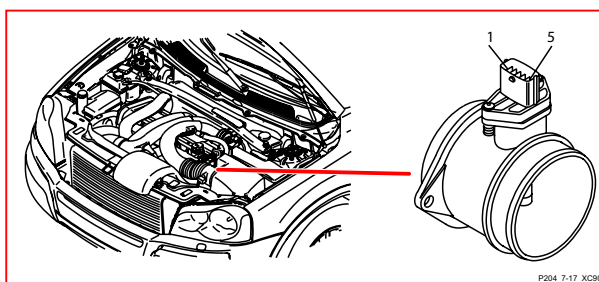
7/17 Mass air flow sensor (MAF) V70



7/15 Heated oxygen sensor, I5D



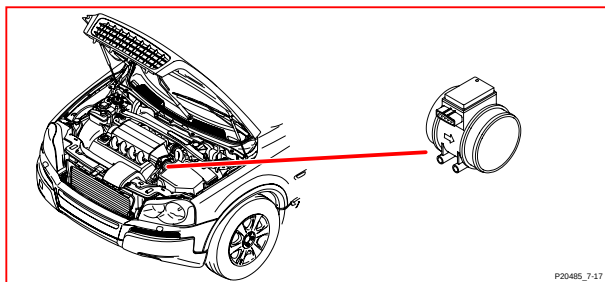
7/17 Mass air flow sensor (MAF) XC90



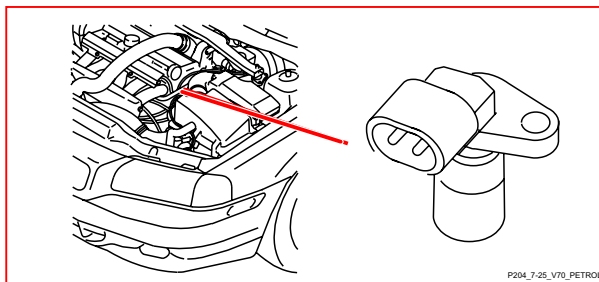
Component illustrations

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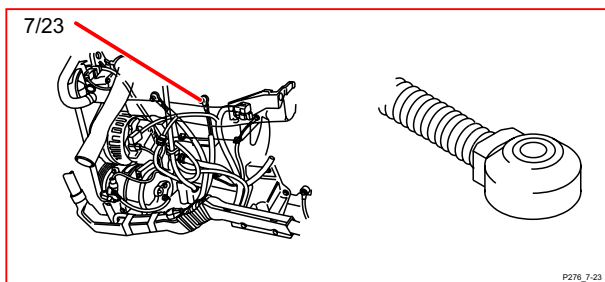
7/17 Mass air flow sensor (MAF), 8-cyl.



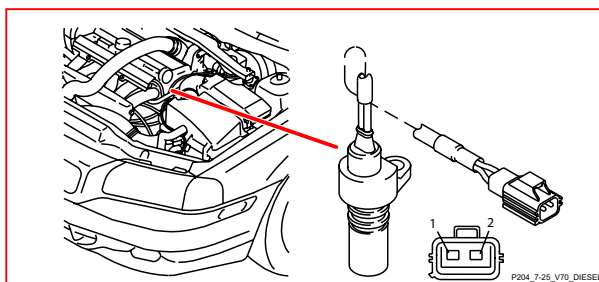
7/25 Impulse sensor, gasoline & I5D V70



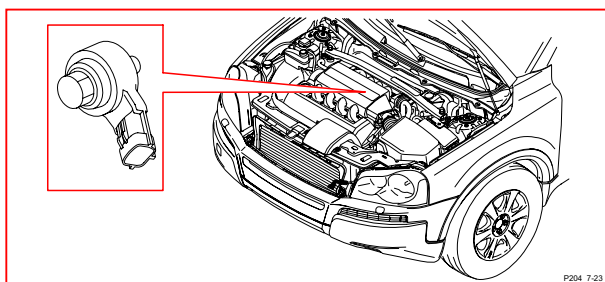
7/23 Rear knock sensor



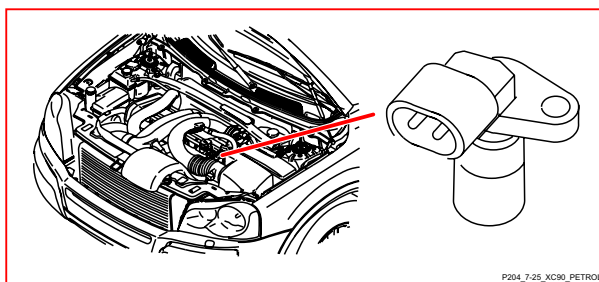
7/25 Impulse sensor, diesel V70



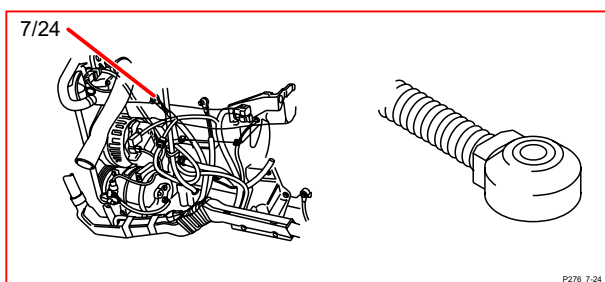
7/23 Rear knock sensor, 8-cyl.



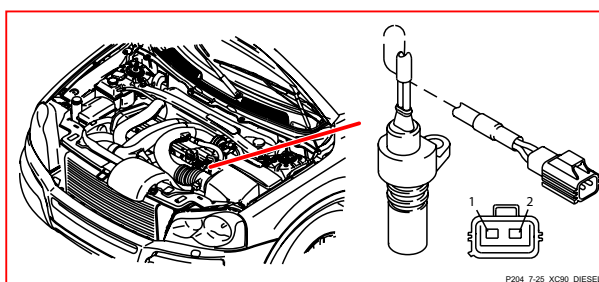
7/25 Impulse sensor, gasoline & I5D XC90



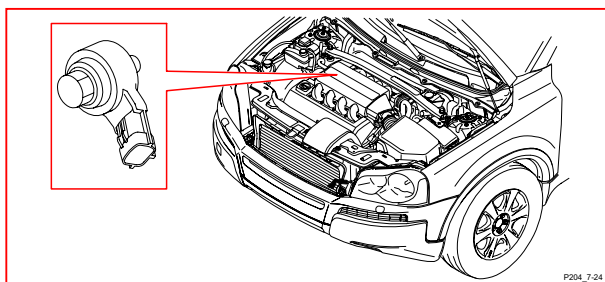
7/24 Front knock sensor



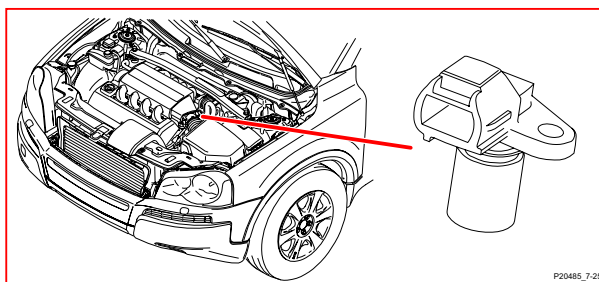
7/25 Impulse sensor, diesel XC90



7/24 Front knock sensor, 8-cyl.



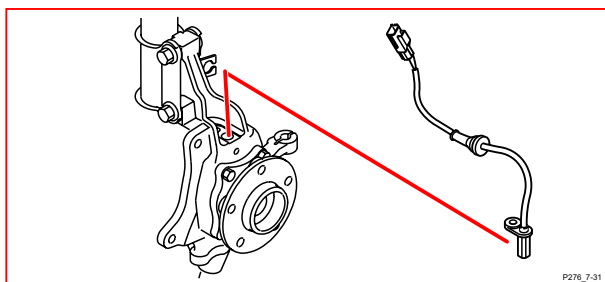
7/25 Impulse sensor, 8-cyl.



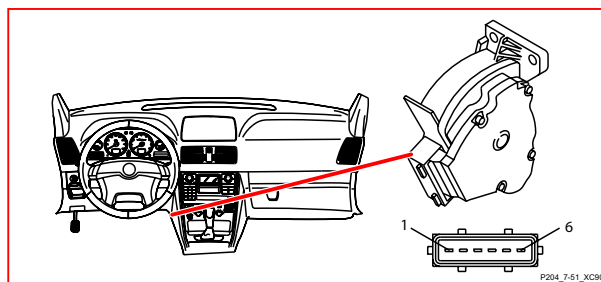
Component illustrations

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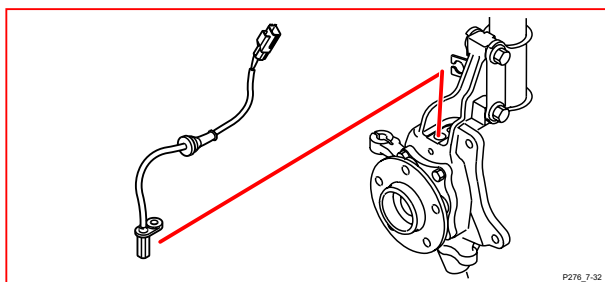
7/31 Sensor ABS, front left



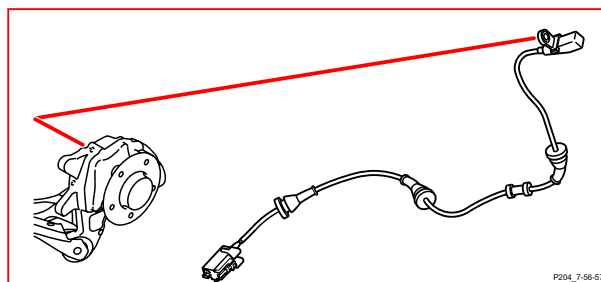
7/51 Accelerator pedal sensor XC90



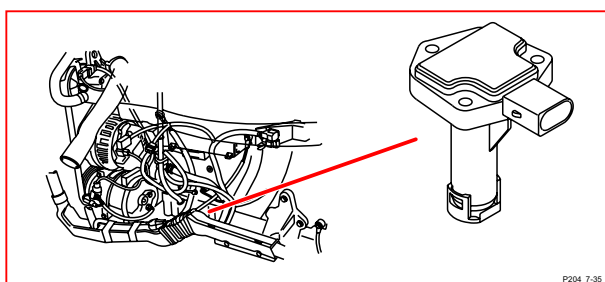
7/32 Sensor ABS, front right



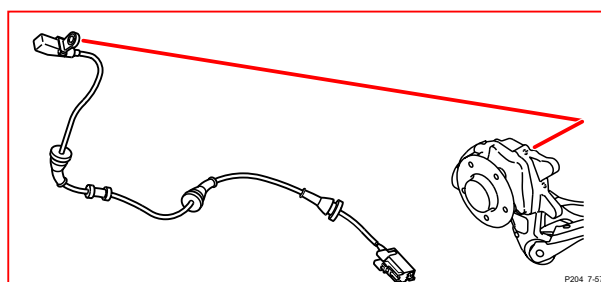
7/56 Sensor ABS, rear left



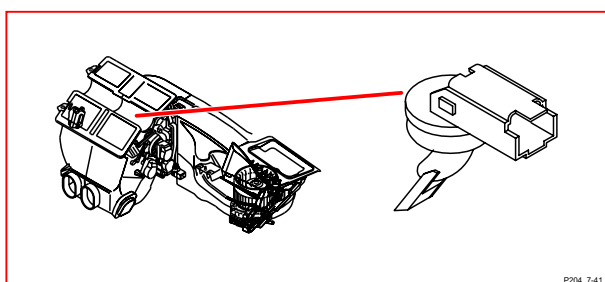
7/35 Oil level sensor



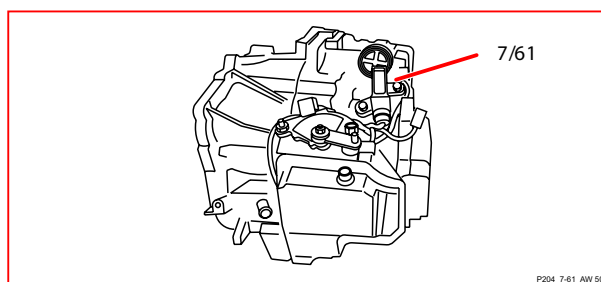
7/57 Rear right ABS sensor



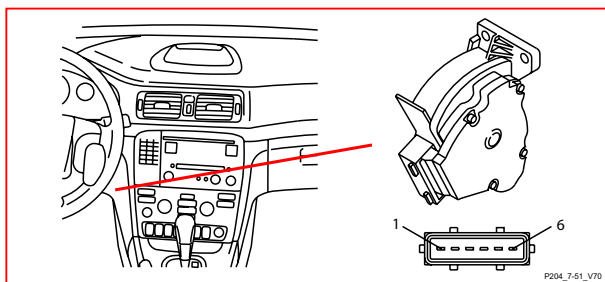
7/41 Temperature sensor evaporator



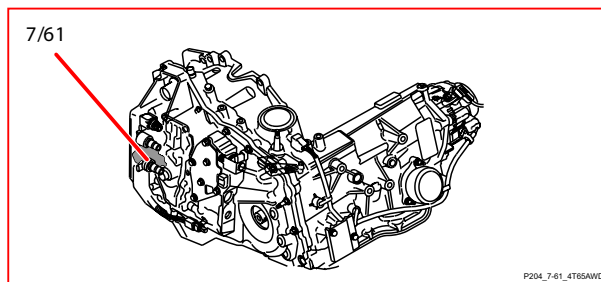
7/61 Sensor, input speed AW51



7/51 Accelerator pedal sensor V70



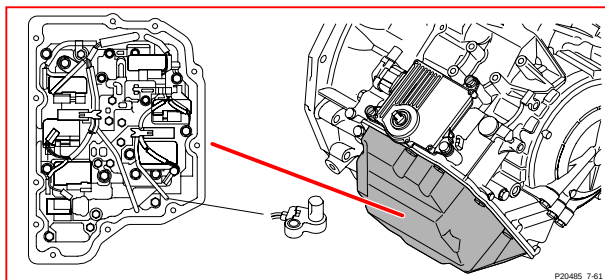
7/61 Sensor, input speed 4T65AWD



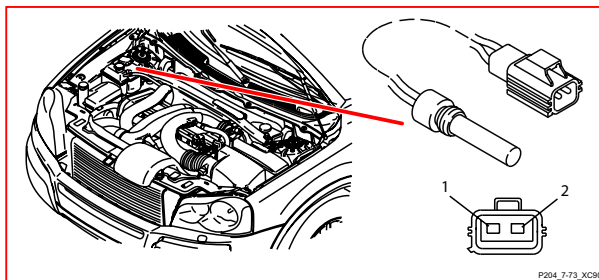
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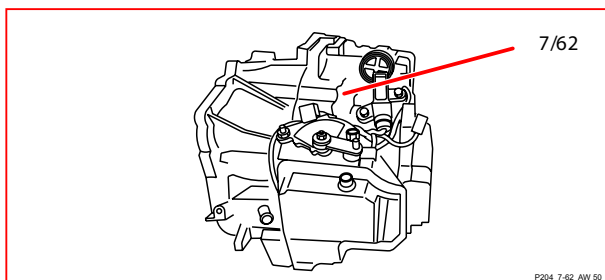
7/61 Sensor, input speed TF-80SC



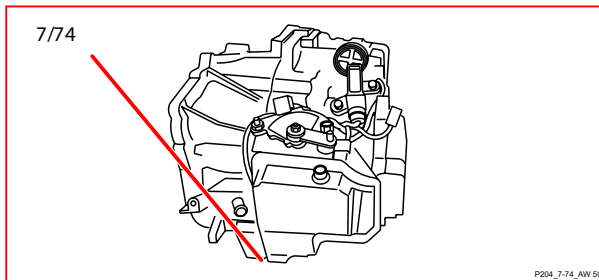
7/73 Coolant level sensor XC90



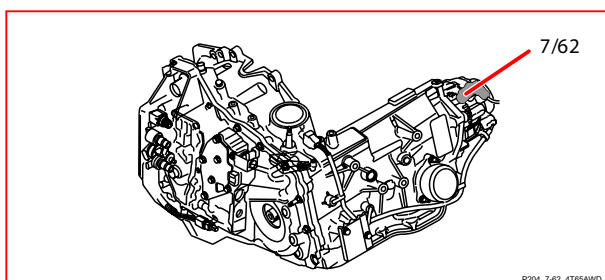
7/62 Sensor, output speed AW51



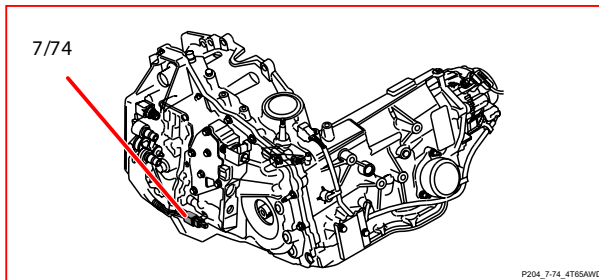
7/74 Fluid temperature sensor, automatic transmission AW51



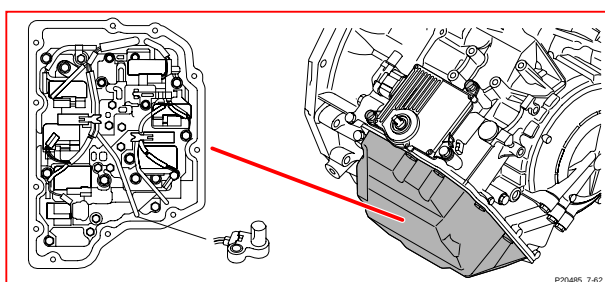
7/62 Sensor, output speed 4T65AWD



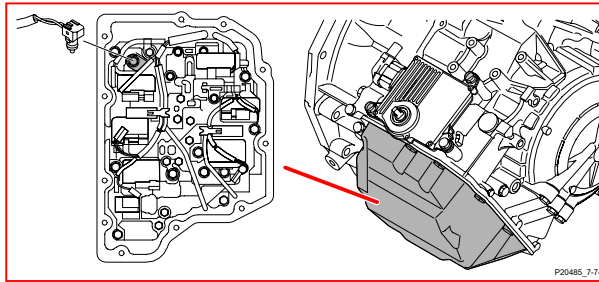
7/74 Sensor oil temperature automatic transmission 4T65AWD



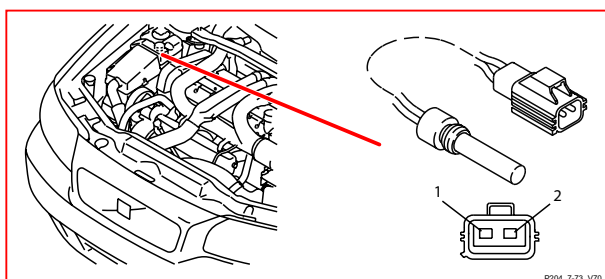
7/62 Sensor, output speed TF-80SC



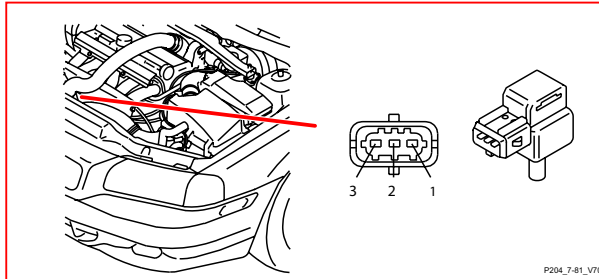
7/74 Fluid temperature sensor, automatic transmission, TF-80SC



7/73 Coolant level sensor V70



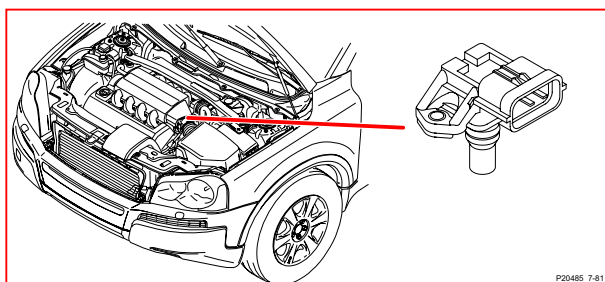
7/81 Pressure sensor, intake manifold



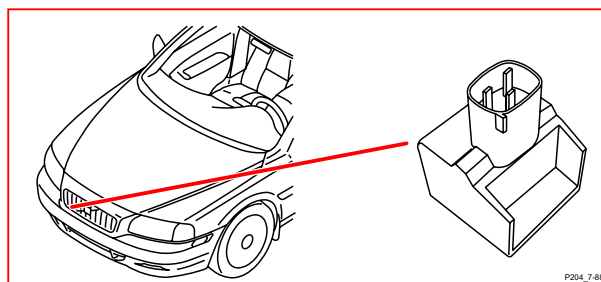
Component illustrations

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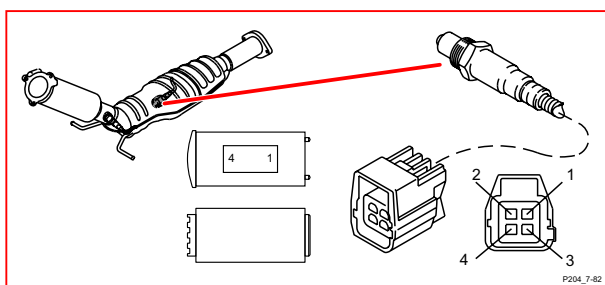
7/81 Pressure sensor, intake manifold, 8-cyl.



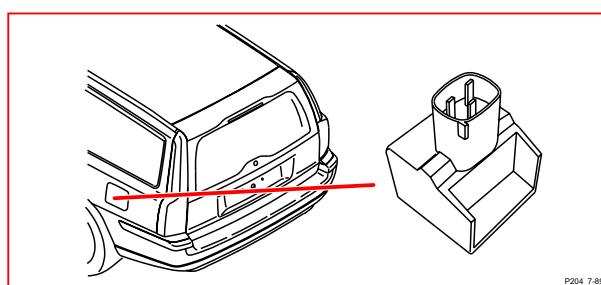
7/88 Acceleration sensor, Four-C, front right



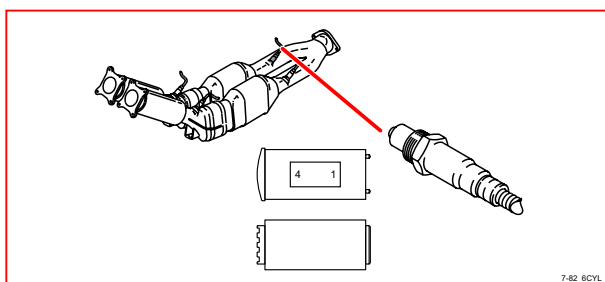
7/82 Heated oxygen sensor, diagnostics 1, 5-cyl.



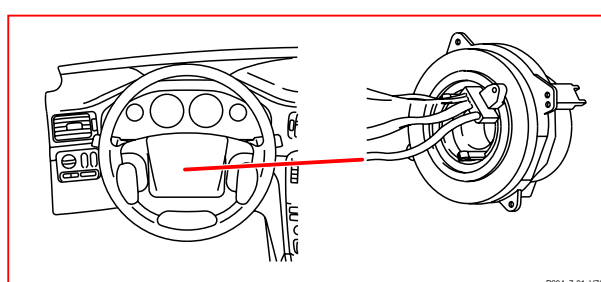
7/89 Acceleration sensor, Four-C, rear left



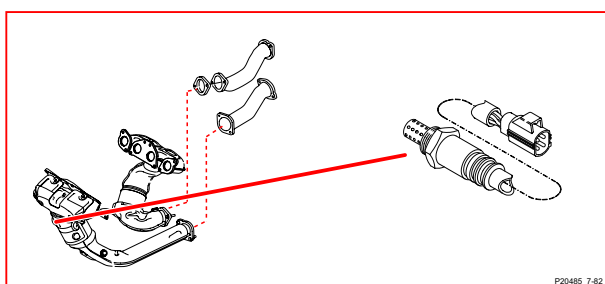
7/82 Heated oxygen sensor, diagnostics 1, 6-cyl.



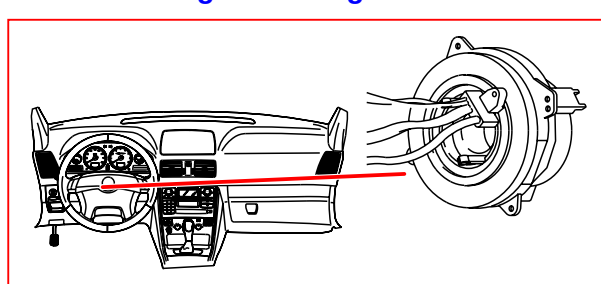
7/91 Steering wheel angle sensor V70



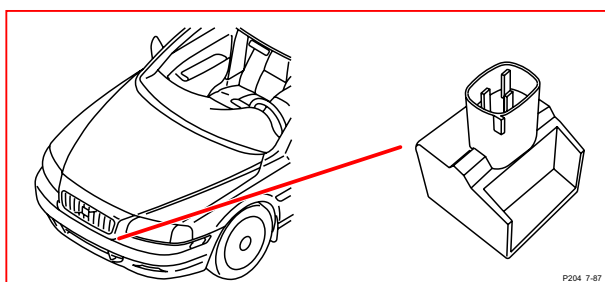
7/82 Front heated oxygen sensor, bank 1, 8-cyl.



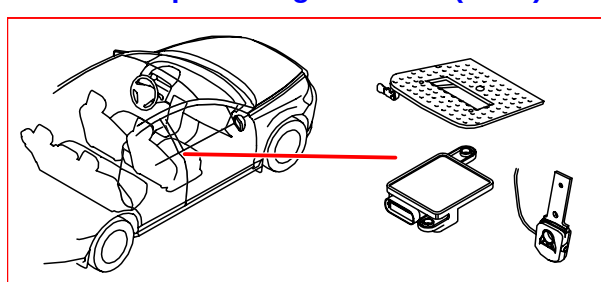
7/91 Steering wheel angle sensor XC90



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



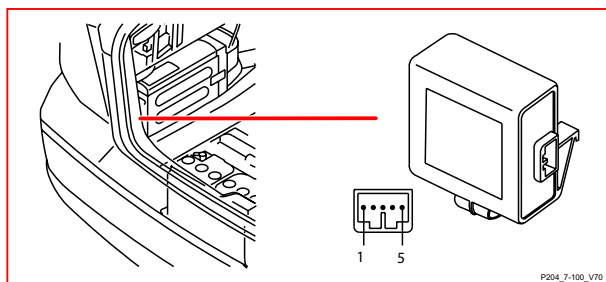
7/93 Occupant Weight Sensor (OWS)



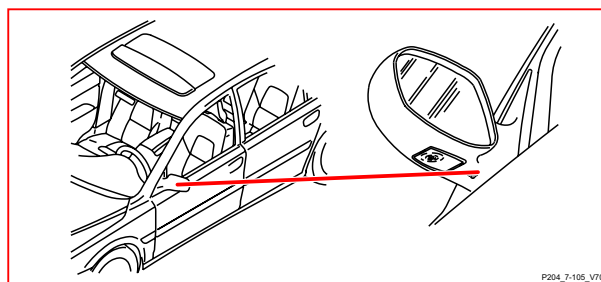
Component illustrations

7/100 - 7/109 V70

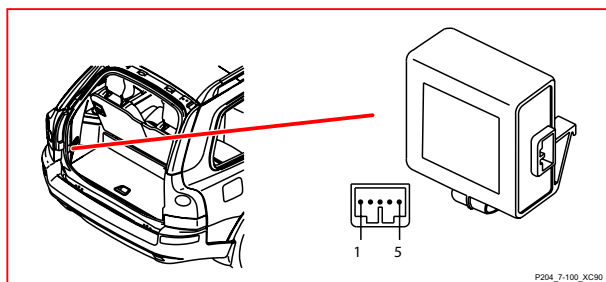
7/100 Inclination Sensor Module (ISM) V70



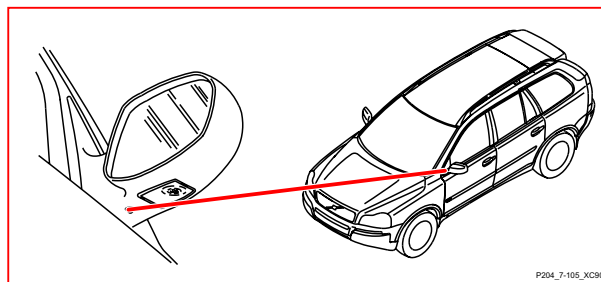
7/105 Outside temperature sensor, engine control module V70



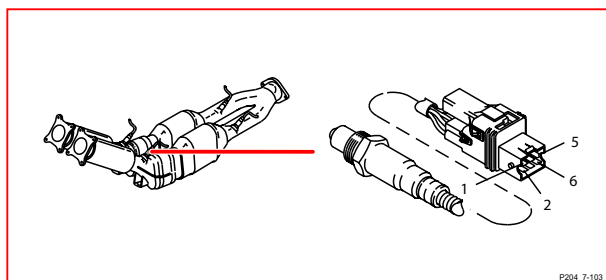
7/100 Inclination Sensor Module (ISM) XC90



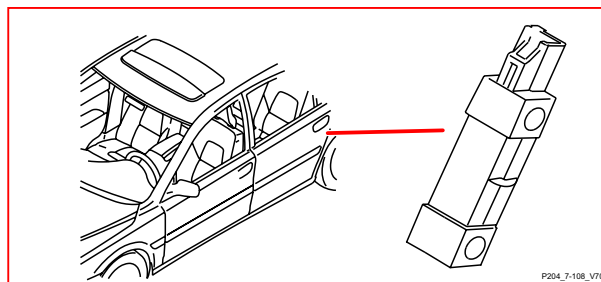
7/105 Outside temperature sensor, engine control module XC90



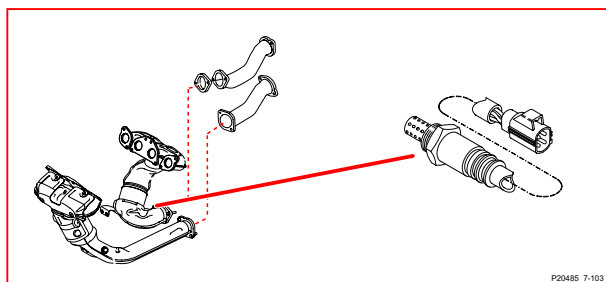
7/103 Heated oxygen sensor 3



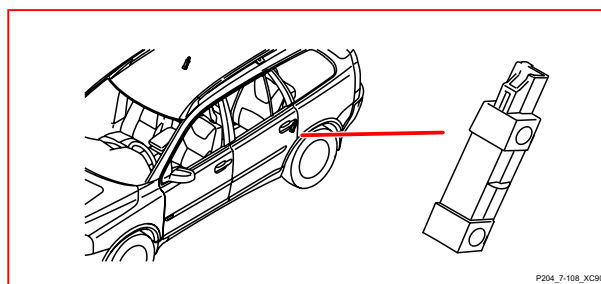
7/108 Side impact sensor, rear left V70



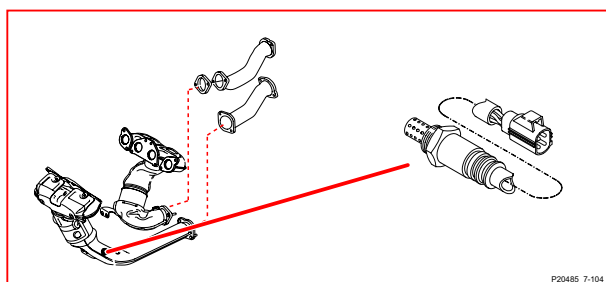
7/103 Rear heated oxygen sensor, bank 2, 8-cyl.



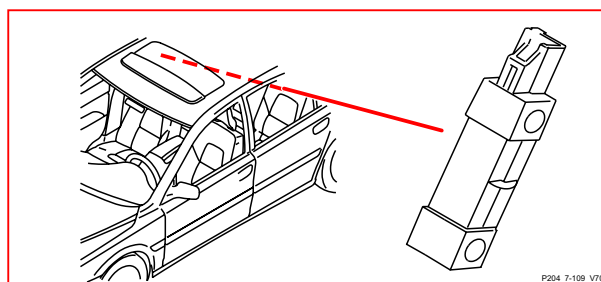
7/108 Side impact sensor, rear left XC90



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



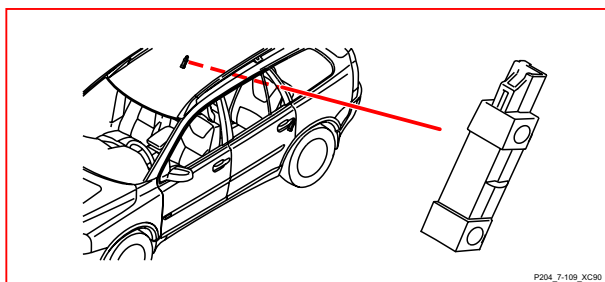
7/109 Side impact sensor, rear right V70



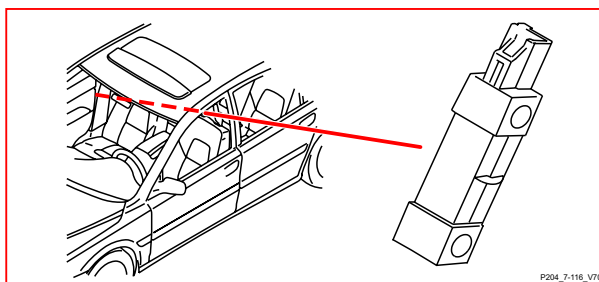
Component illustrations

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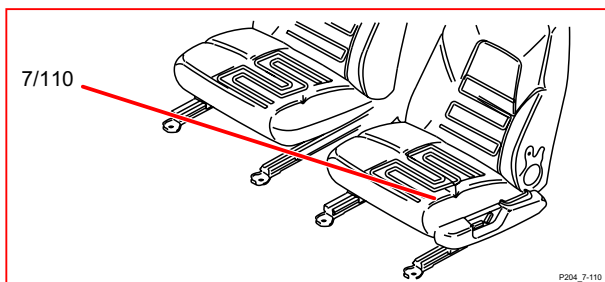
7/109 Side impact sensor, rear right XC90



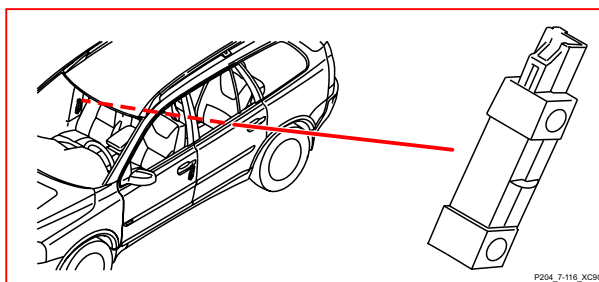
7/116 Side impact sensor, front right V70



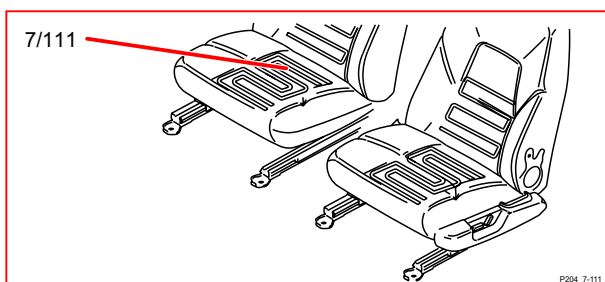
7/110 Left-hand seat temperature sensor



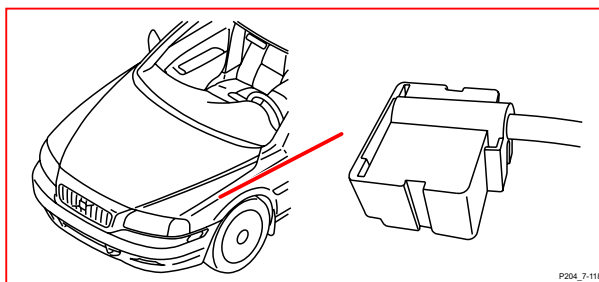
7/116 Side impact sensor, front right XC90



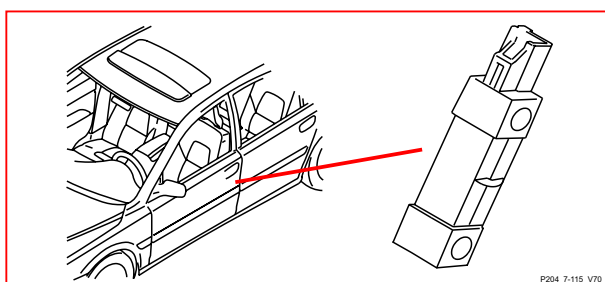
7/111 Right-hand seat temperature sensor



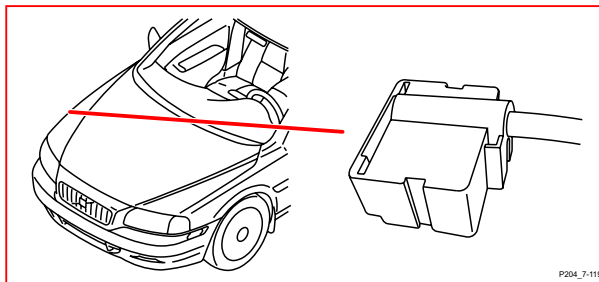
7/118 Acceleration sensor, shock absorber, Four-C, front left



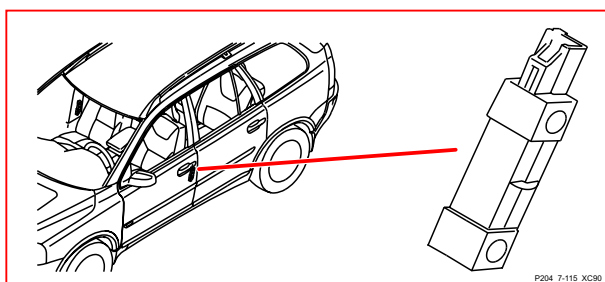
7/115 Side impact sensor, front left V70



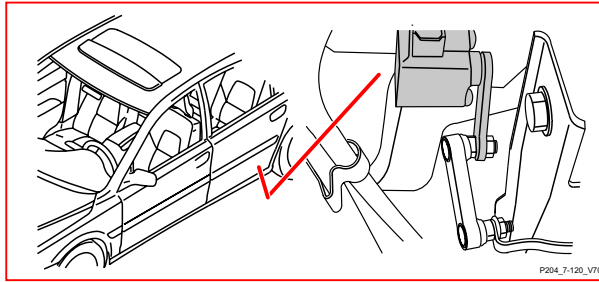
7/119 Acceleration sensor, shock absorber, Four-C, front right



7/115 Side impact sensor, front left XC90



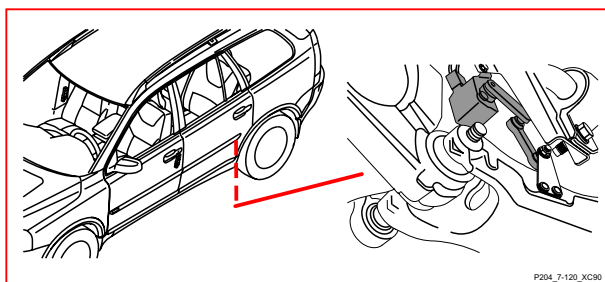
7/120 Rear left angle sensor, Four-C/Bi-Xenon V70



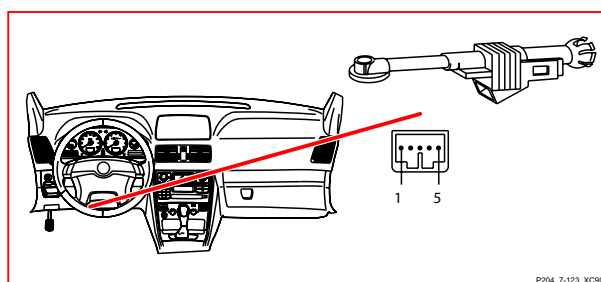
Component illustrations

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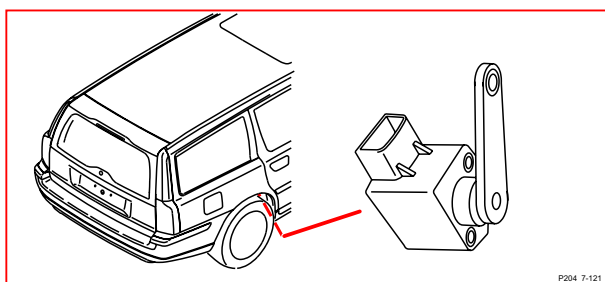
7/120 Rear left angle sensor, Four-C/Bi-Xenon XC90



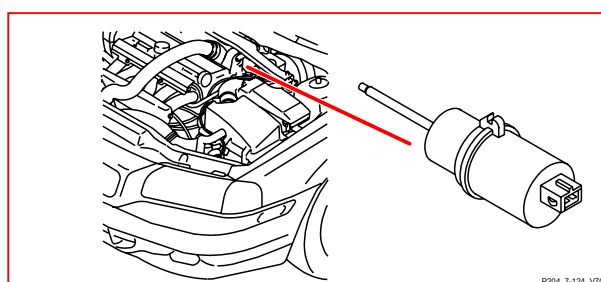
7/123 Clutch pedal sensor XC90



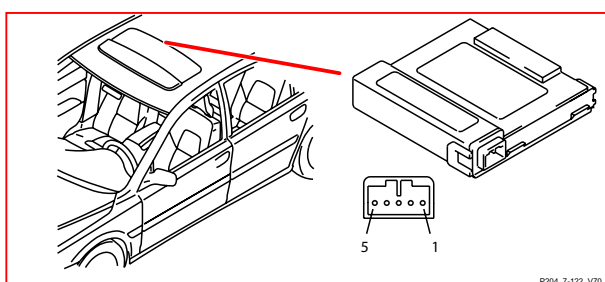
7/121 Rear right angle sensor, Four-C



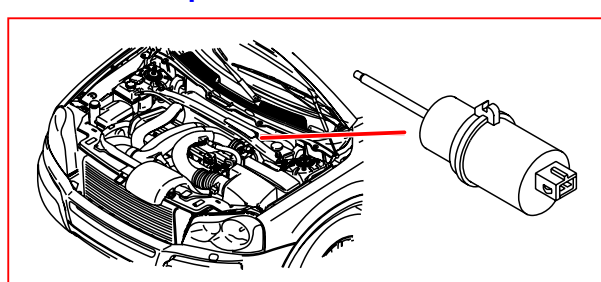
7/124 Brake pedal sensor V70



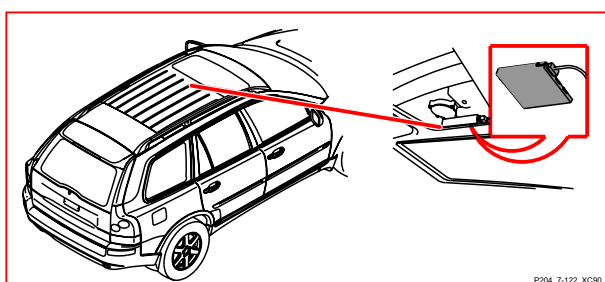
7/122 Mass Movement Sensor Module (MMS), fronV70t



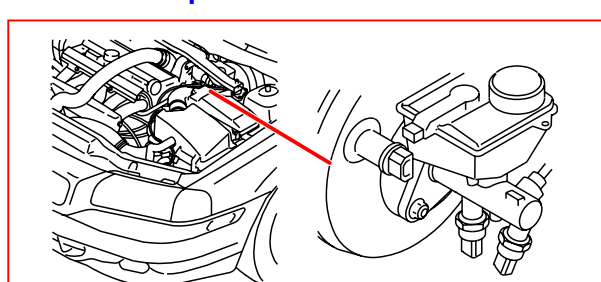
7/124 Brake pedal sensor XC90



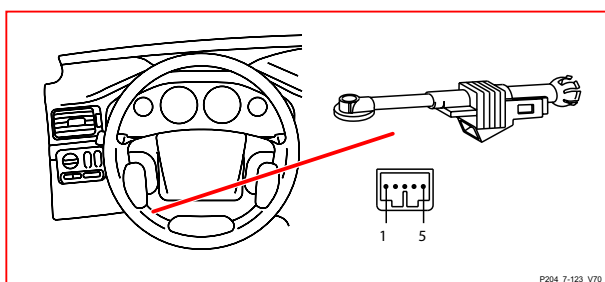
7/122 Mass Movement Sensor Module (MMS), front XC90



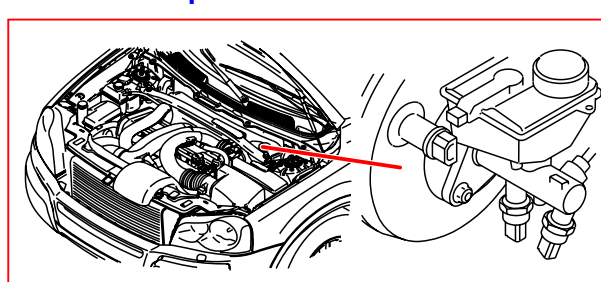
7/129 Brake pressure sensor 2 V70



7/123 Clutch pedal sensor V70



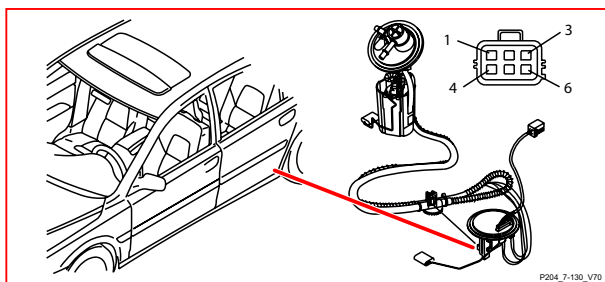
7/129 Brake pressure sensor 2 XC90



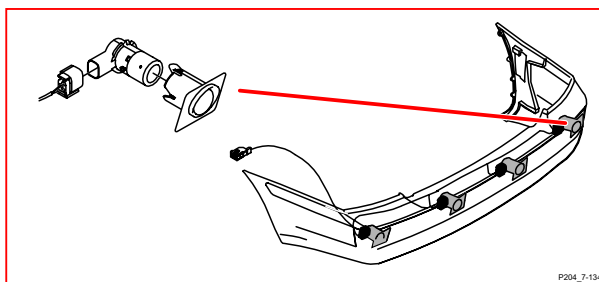
Component illustrations

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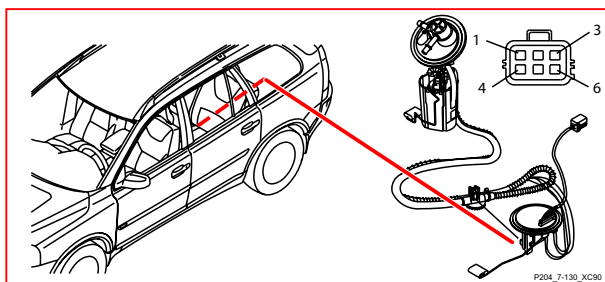
7/130 Fuel level sensor, ejector side V70



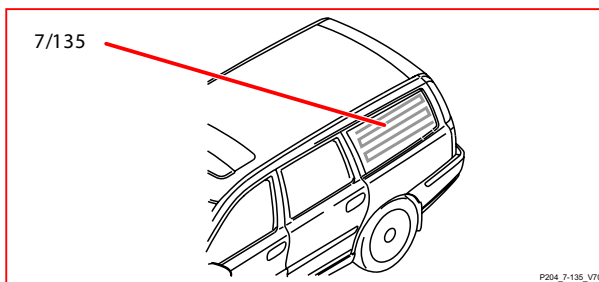
7/134 Rear parking assistance sensor 4



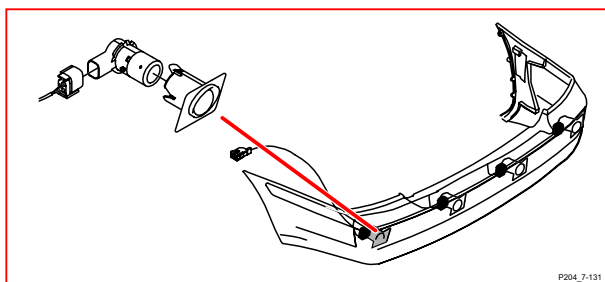
7/130 Fuel level sensor, ejector side XC90



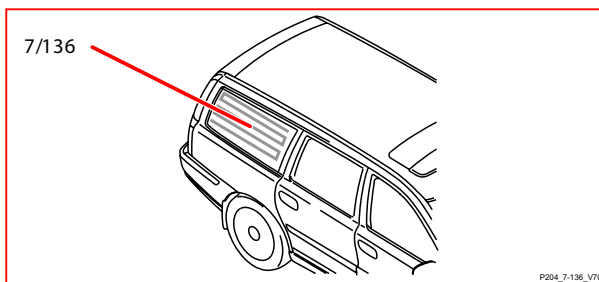
7/135 Glass breakage sensor, left-hand



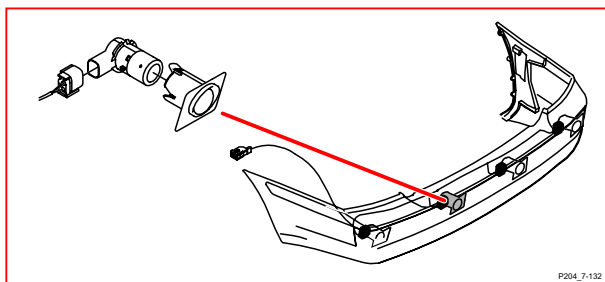
7/131 Rear parking assistance sensor 1



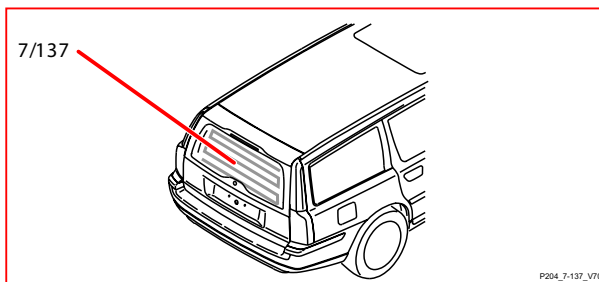
7/136 Glass breakage sensor, right-hand



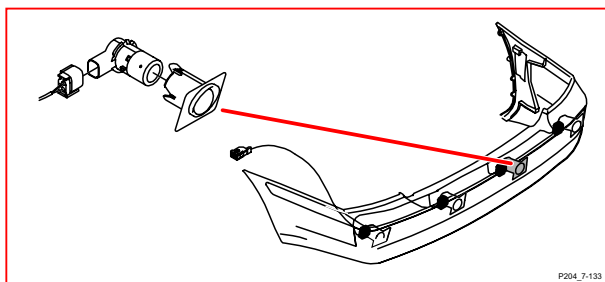
7/132 Rear parking assistance sensor 2



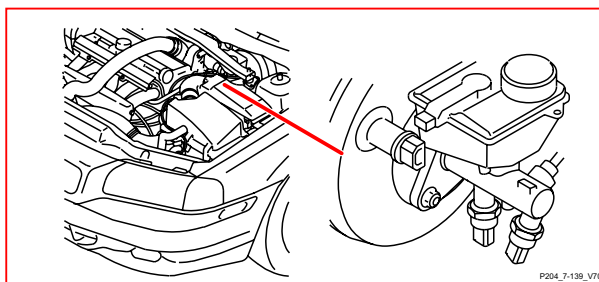
7/137 Glass breakage sensor, tailgate



7/133 Rear parking assistance sensor 3



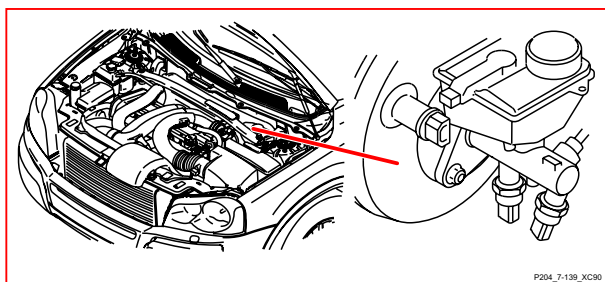
7/139 Brake pressure sensor 1 V70



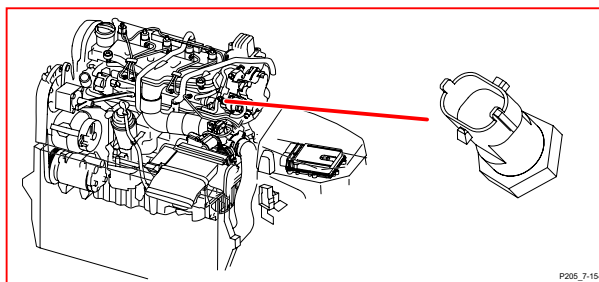
Component illustrations

7/139 XC90 - 7/159

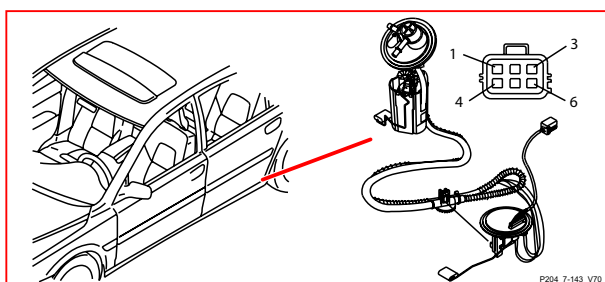
7/139 Brake pressure sensor 1 XC90



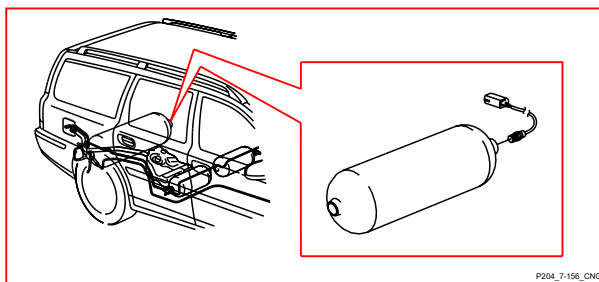
7/154 Fuel temperature sensor, I5D



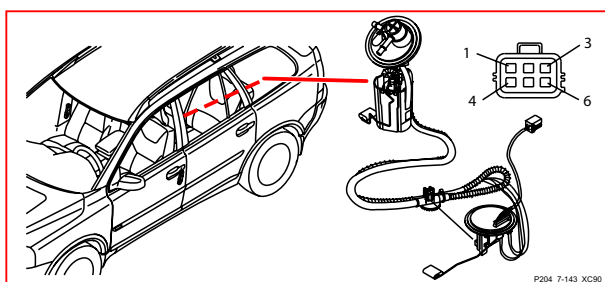
7/143 Fuel level sensor, pump side V70



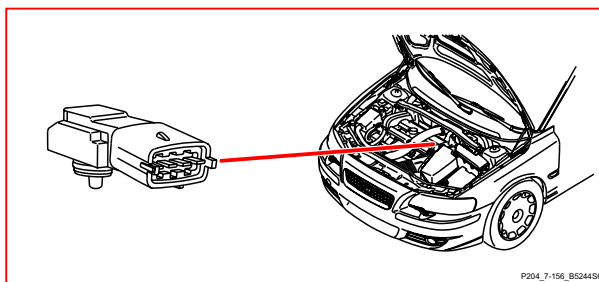
7/156 Pressure and temperature sensor, Bi-Fuel



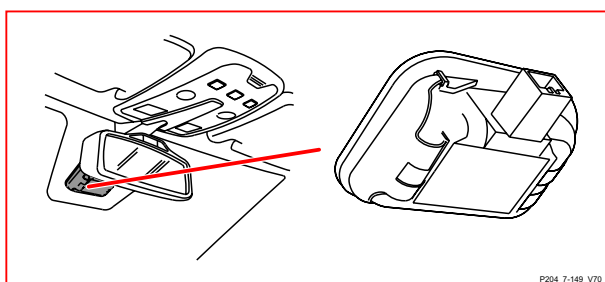
7/143 Fuel level, pump side XC90



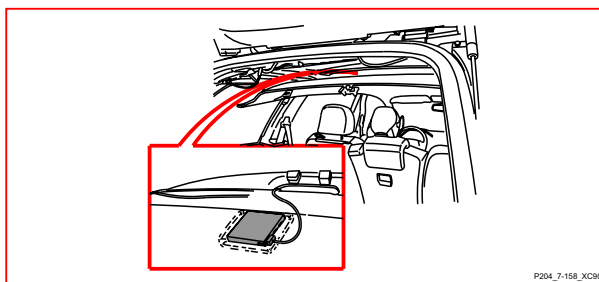
7/156 Pressure and temperature sensor fuel



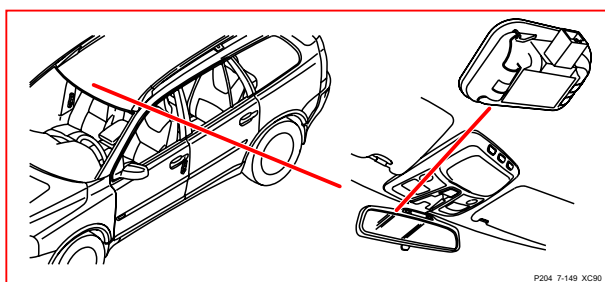
7/149 Rain Sensor Module (RSM), V70



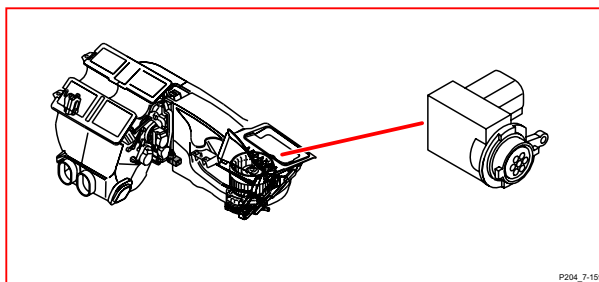
7/158 Mass Movement Sensor (MMS), rear



7/149 Rain Sensor Module (RSM), XC90



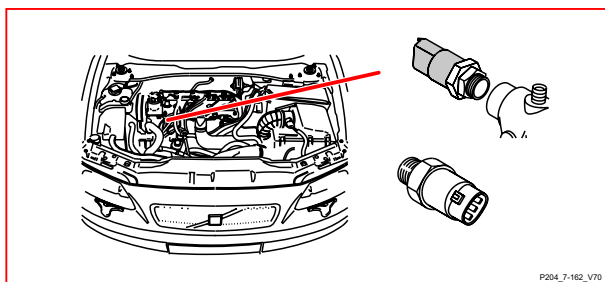
7/159 Air Quality Sensor (AQS)



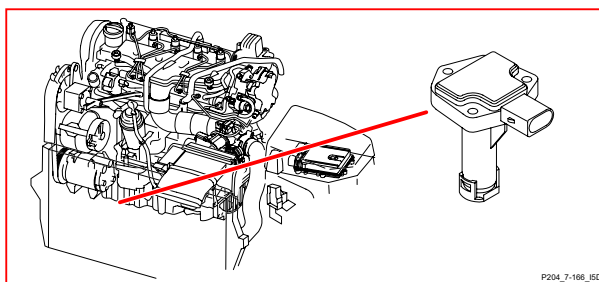
Component illustrations

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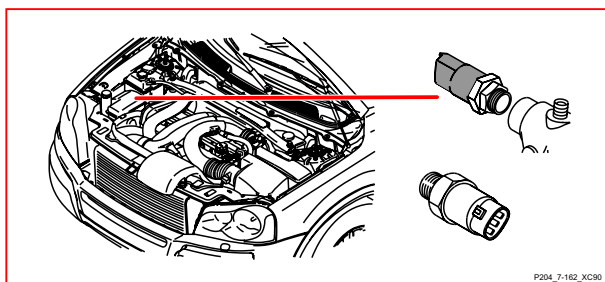
7/162 Fuel rail pressure sensor V70



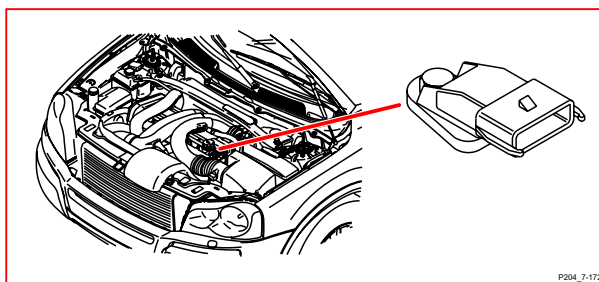
7/166 Oil level sensor, I5D



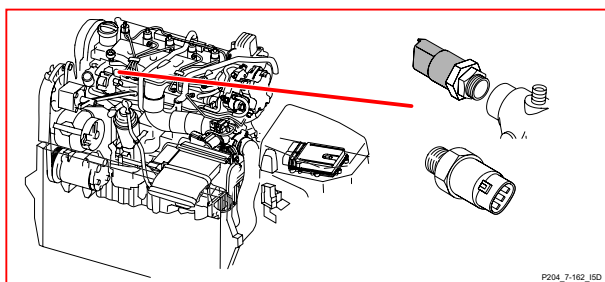
7/162 Fuel rail pressure sensor XC90



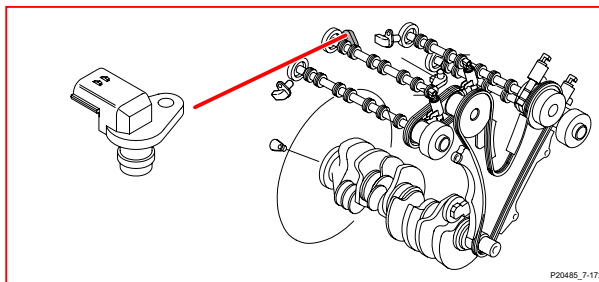
7/172 Position sensor camshaft, intake side



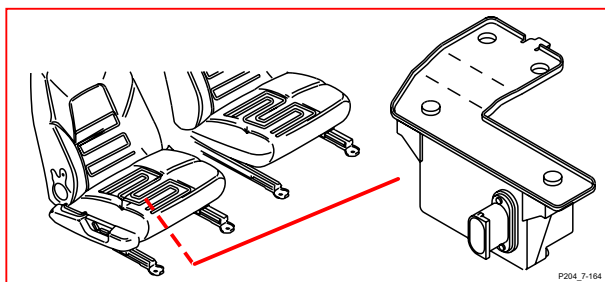
7/162 Fuel rail pressure sensor I5D



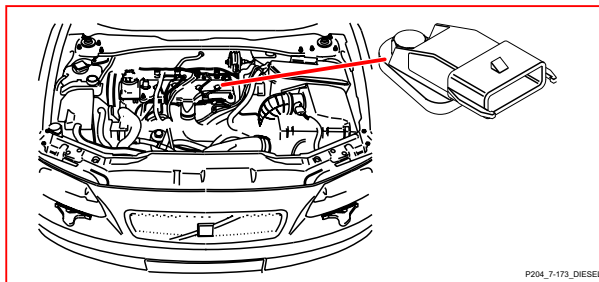
7/172 Intake camshaft position sensor, bank 2, 8-cyl.



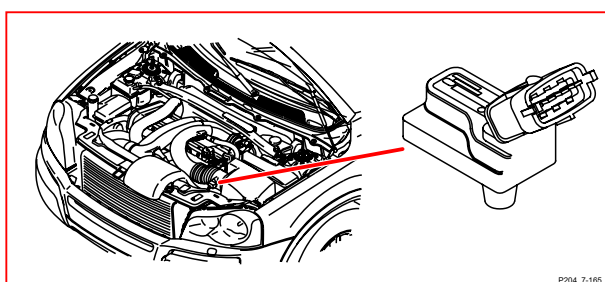
7/164 Body Sensor Cluster Stability Sensor (BSC)



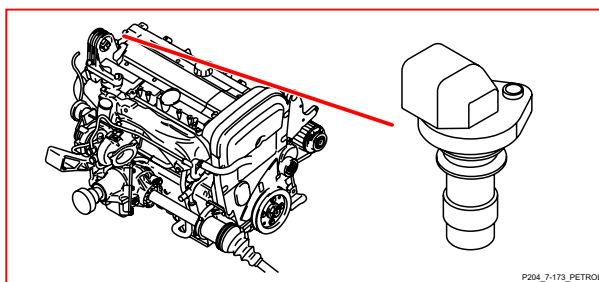
7/173 Position sensor camshaft exhaust side Diesel



7/165 Pressure and temperature sensor, intake manifold



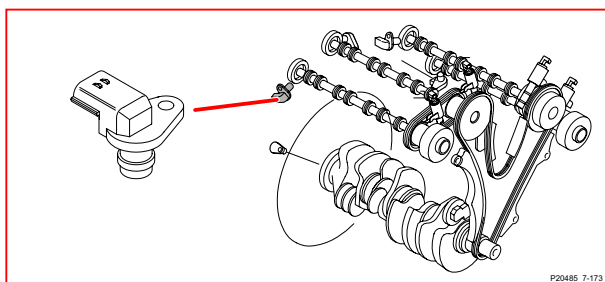
7/173 Position sensor camshaft exhaust side Gasoline



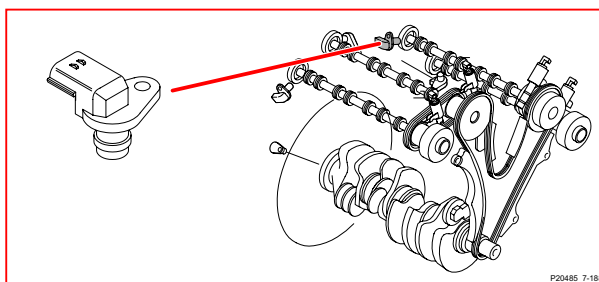
Component illustrations

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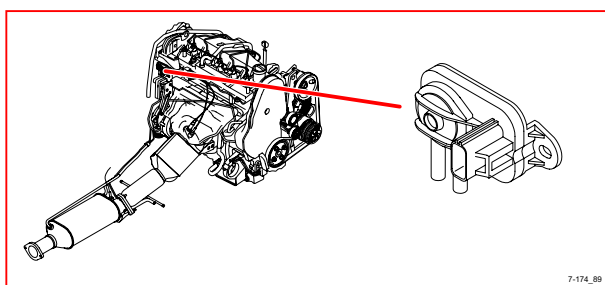
7/173 Exhaust camshaft position sensor, bank 2, 8-cyl.



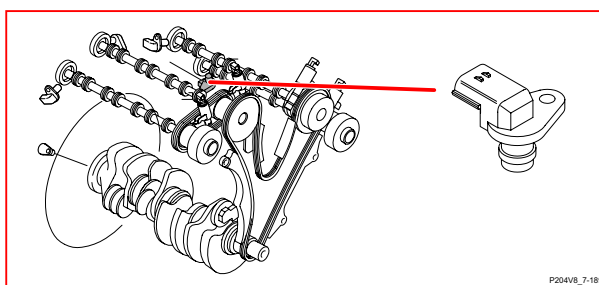
7/188 Intake camshaft position sensor, bank 1, 8-cyl.



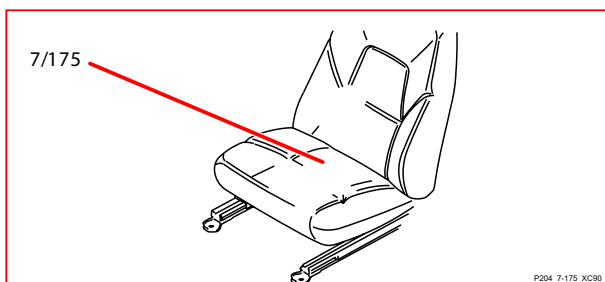
7/174 Differential pressure sensor, particle filter



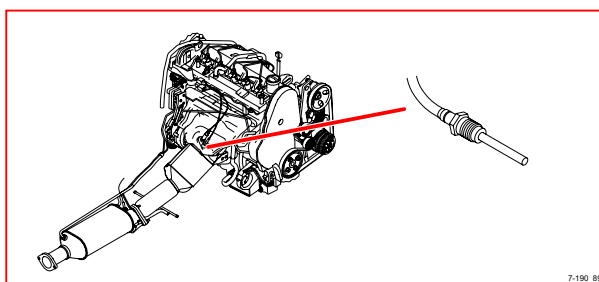
7/189 Exhaust camshaft position sensor, bank 1, 8-cyl.



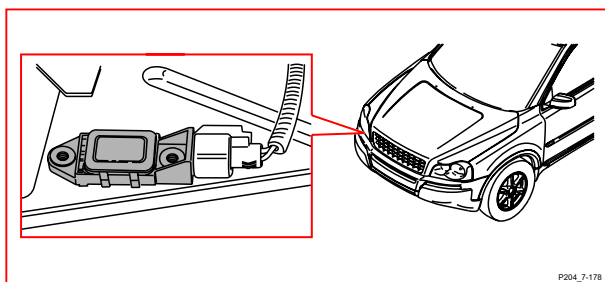
7/175 Weight sensor passenger seat, seat belt reminder



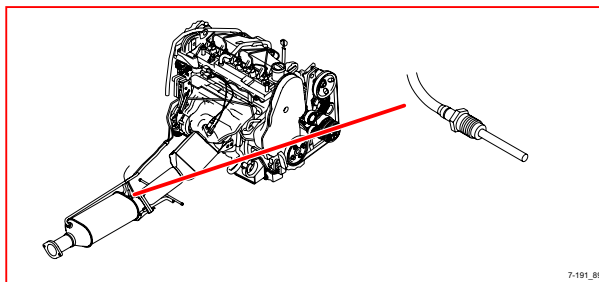
7/190 Temperature sensor, exhaust gases upstream of particle filter



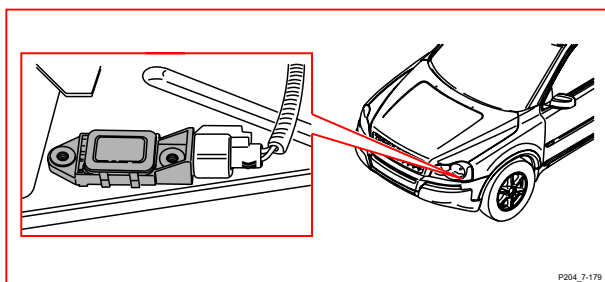
7/178 Front impact sensor, right



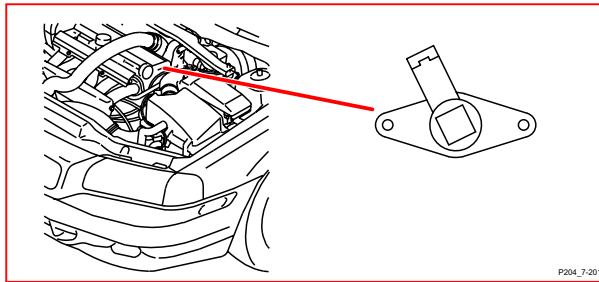
7/191 Temperature sensor, exhaust gases downstream of particle filter



7/179 Front impact sensor, left



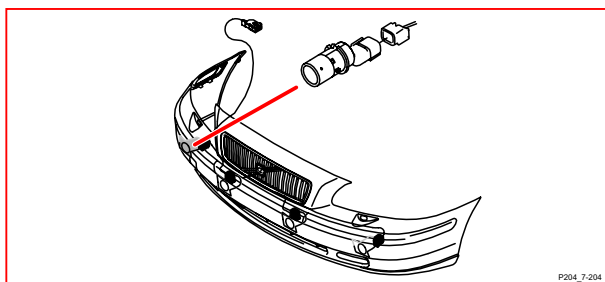
7/201 Pressure and temperature sensor, gas



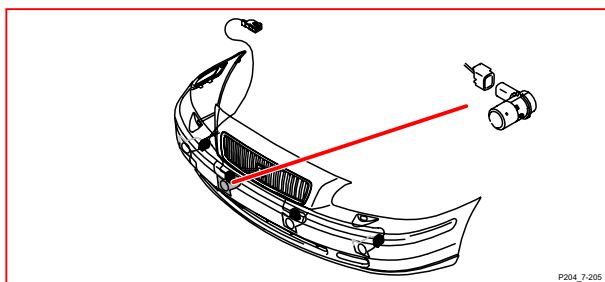
Component illustrations

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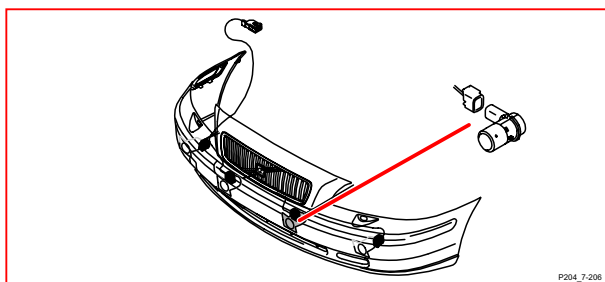
7/204 Front parking assistance sensor 5



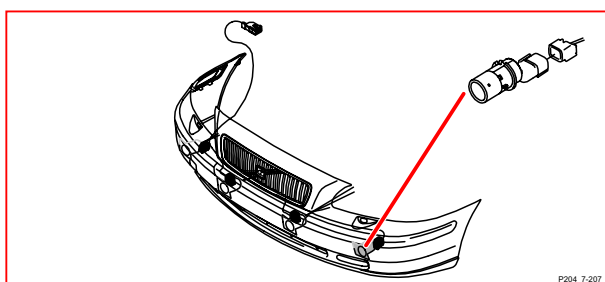
7/205 Front parking assistance sensor 6



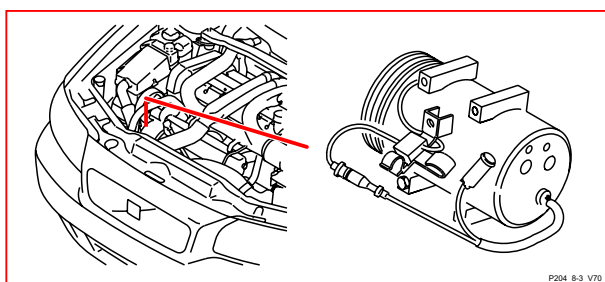
7/206 Front parking assistance sensor 7



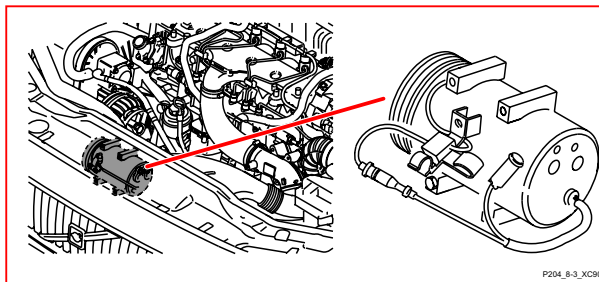
7/207 Front parking assistance sensor 8



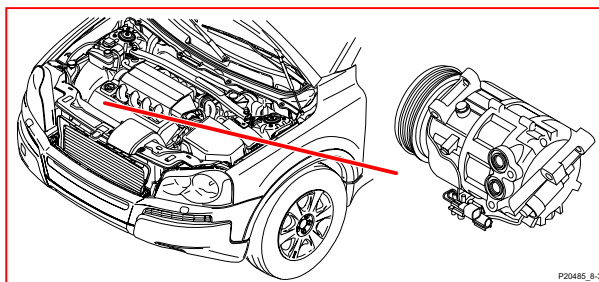
8/3 Electromagnetic clutch, climate control system V70



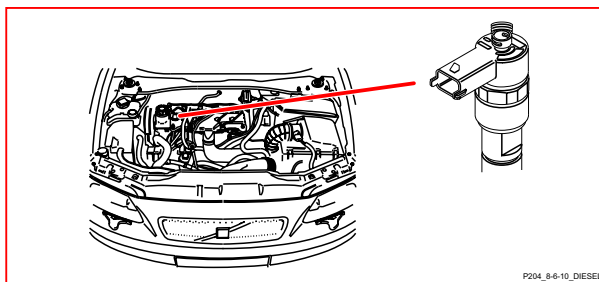
8/3 Electromagnetic clutch, climate control system XC90



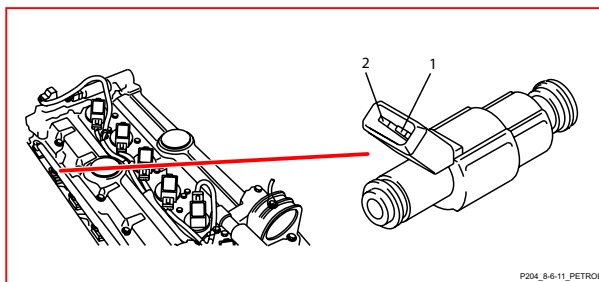
8/3 Electromagnetic clutch, climate control system, 8-cyl.



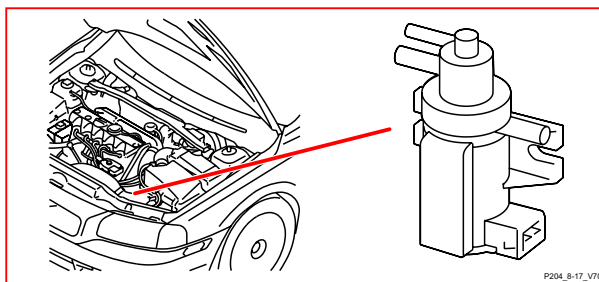
8/6-10 Injection valves, diesel



8/6-11 Injection valves, gasoline



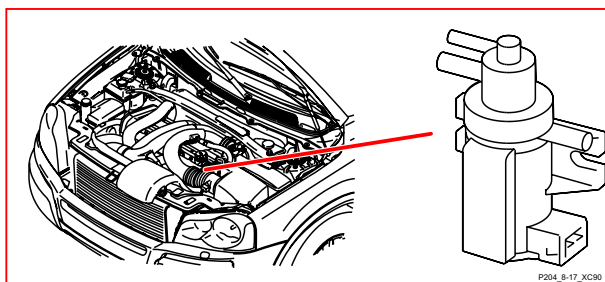
8/17 EGR valve, diesel V70



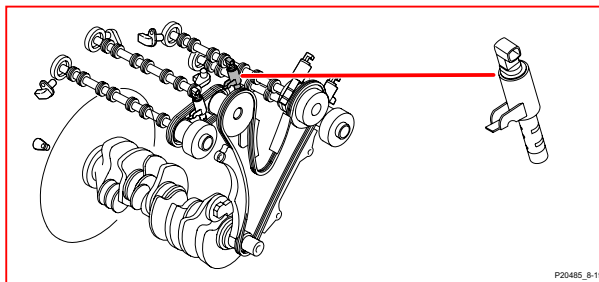
Component illustrations

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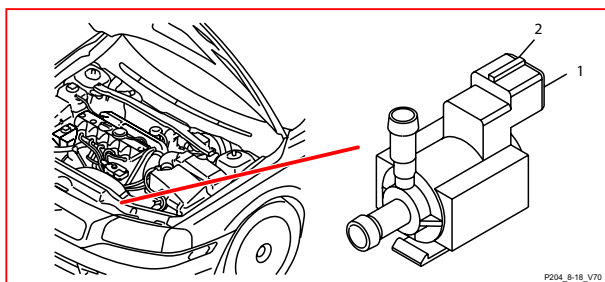
8/17 EGR valve, diesel XC90



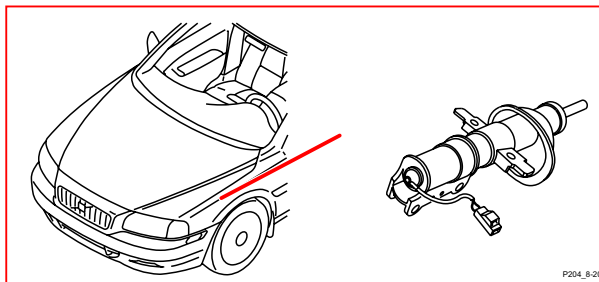
8/19 Solenoid, variable valve timing, intake, bank 2, 8-cyl.



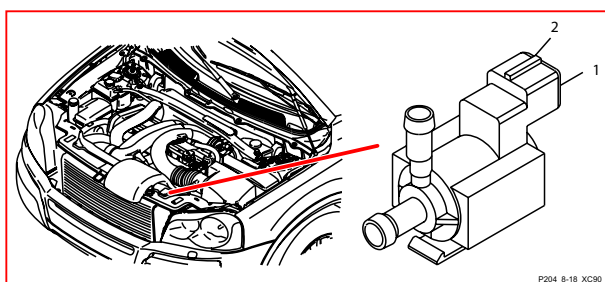
8/18 EVAP valve V70



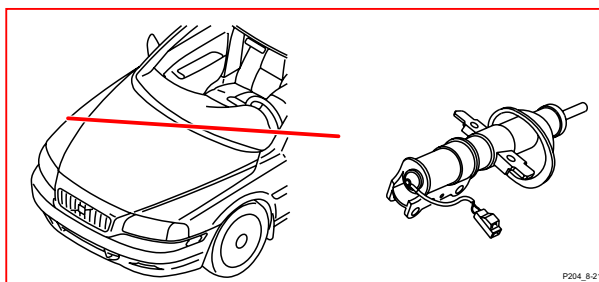
8/20 Shock absorber, Four-C, front left



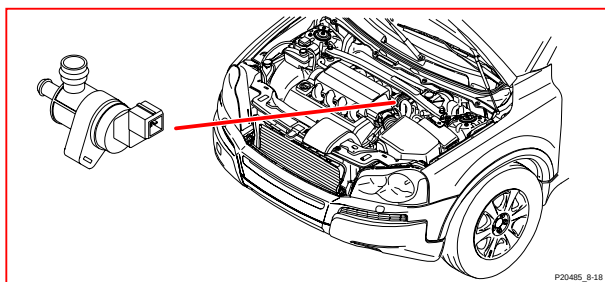
8/18 EVAP valve XC90



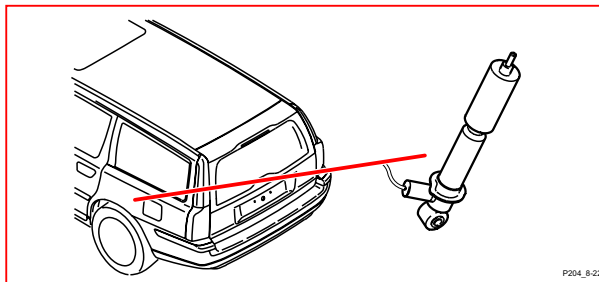
8/21 Shock absorber, Four-C, front right



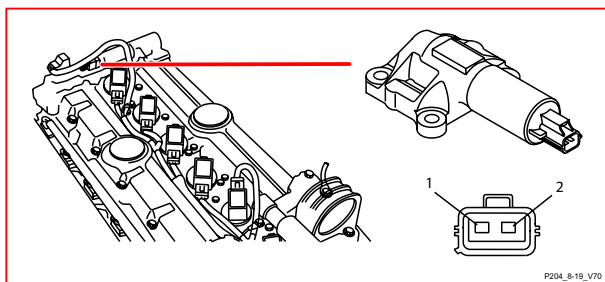
8/18 EVAP valve, 8-cyl.



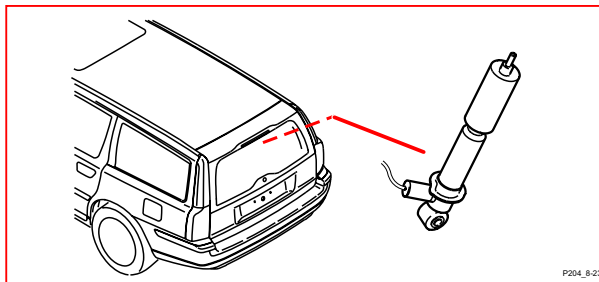
8/22 Shock absorber, Four-C, rear left



8/19 Solenoid, variable valve timing, intake



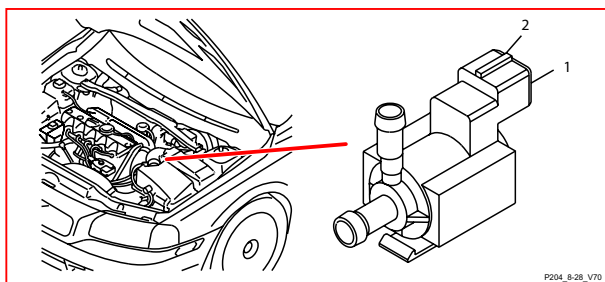
8/23 Shock absorber, Four-C, rear right



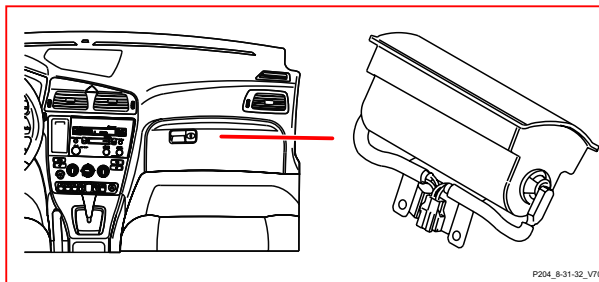
Component illustrations

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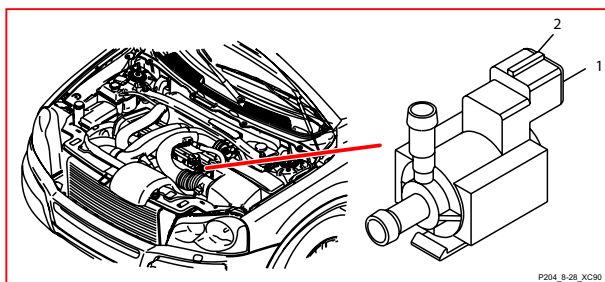
8/28 Turbocharger control valve V70



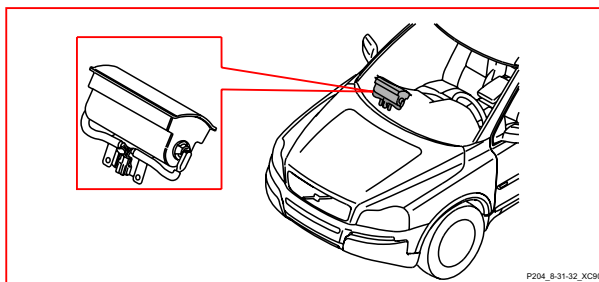
8/32 Igniter, airbag stage 2, passenger side V70



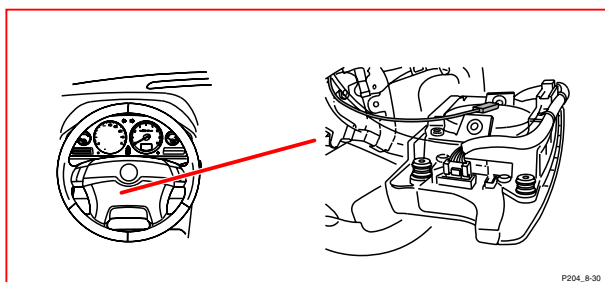
8/28 Turbocharger control valve XC90



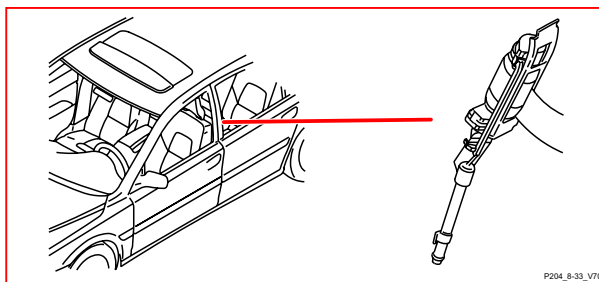
8/32 Igniter, airbag stage 2, passenger side XC90



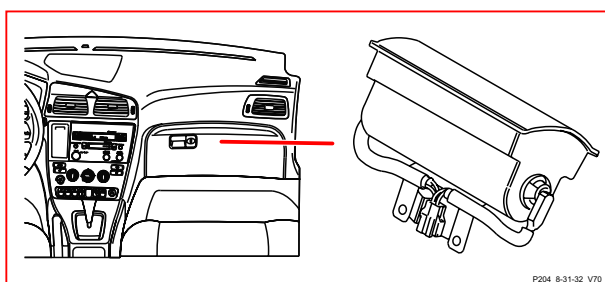
8/30 Airbag igniter, driver's side



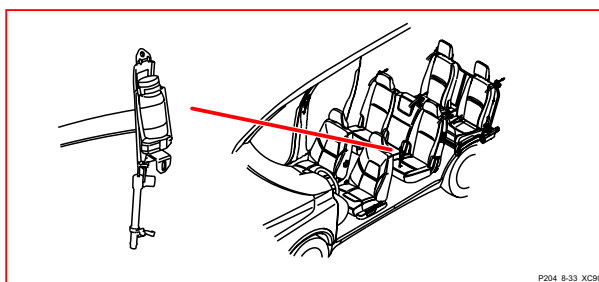
8/33 Front left belt tensioner igniter V70



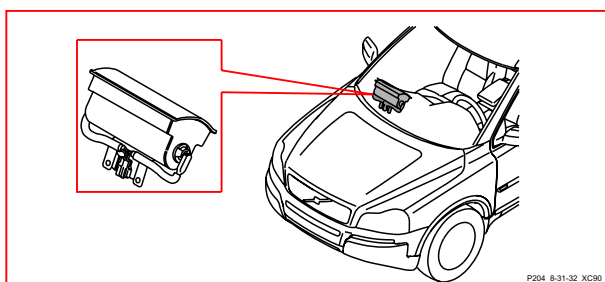
8/31 Airbag igniter, passenger side V70



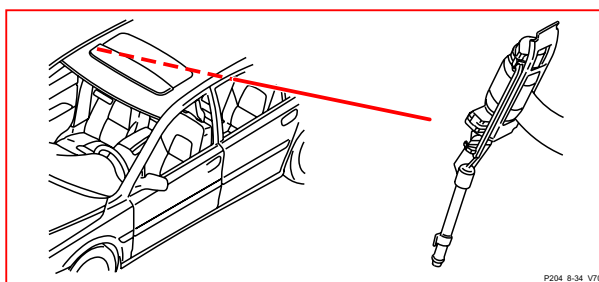
8/33 Front left belt tensioner igniter XC90



8/31 Airbag igniter, passenger side XC90



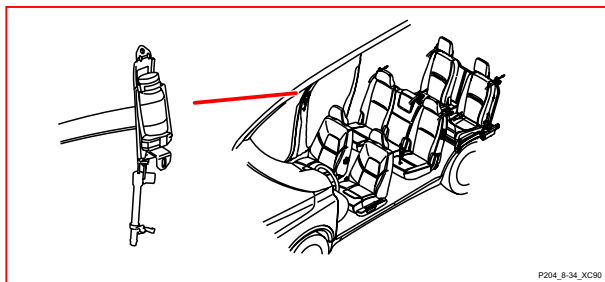
8/34 Front right belt tensioner igniter V70



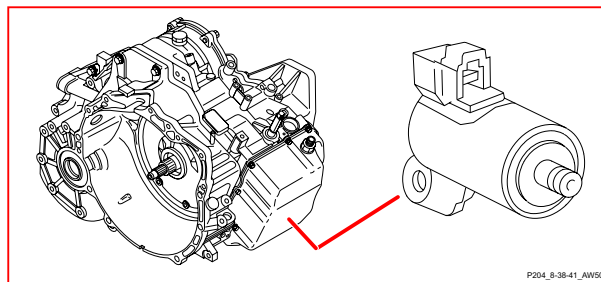
Component illustrations

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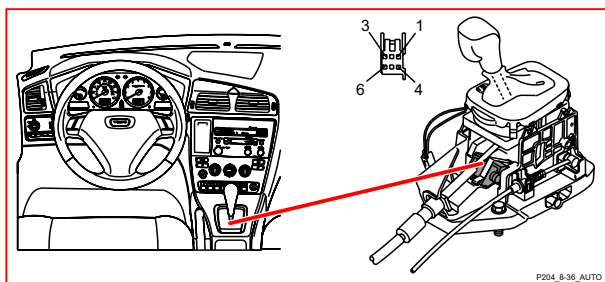
8/34 Front right belt tensioner igniter XC90



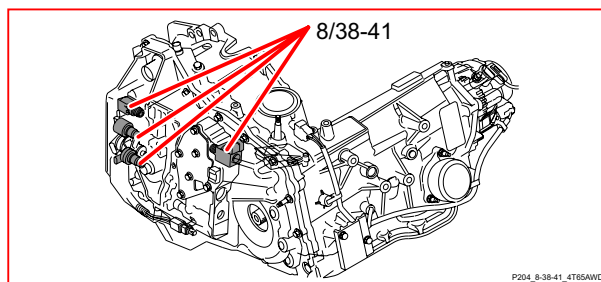
8/38 Shift solenoid 1 AW51



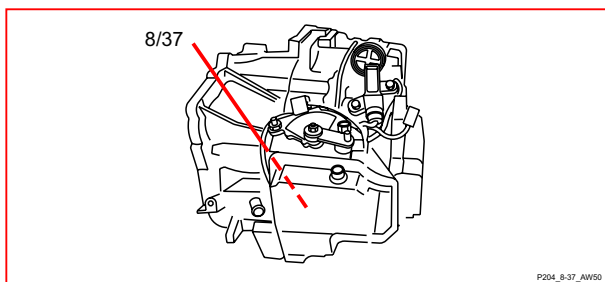
8/36 Solenoid shift lock



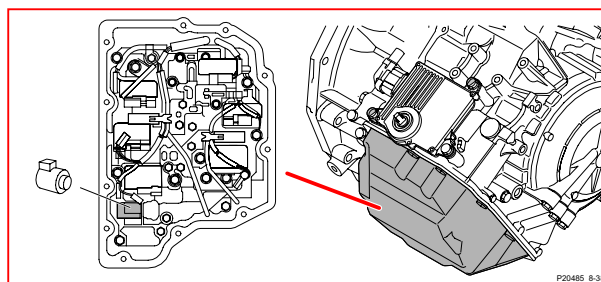
8/38 Shift solenoid 1 4T65AWD



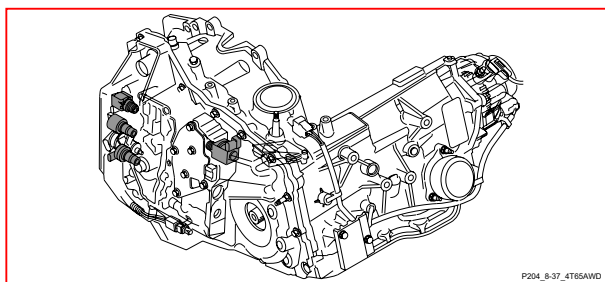
8/37 Automatic transmission AW51



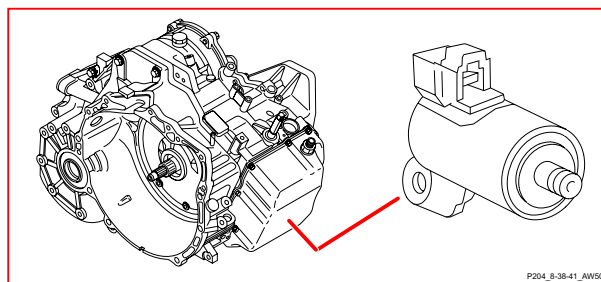
8/38 Shift solenoid 1 TF-80SC



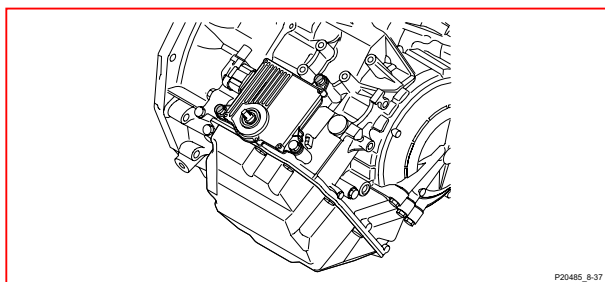
8/37 Automatic transmission 4T65AWD



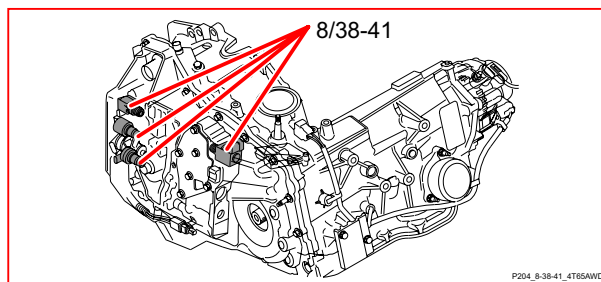
8/39 Shift solenoid 2 AW51



8/37 Automatic transmission TF-80SC



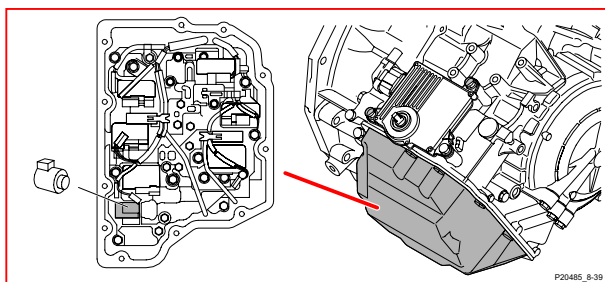
8/39 Shift solenoid 2 4T65AWD



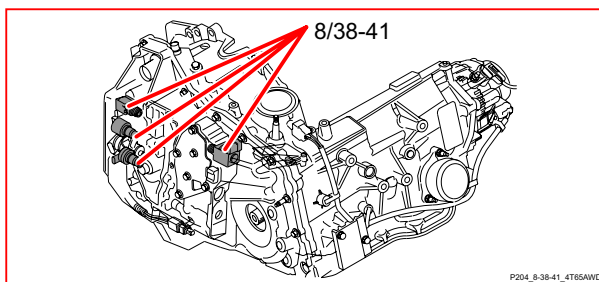
Component illustrations

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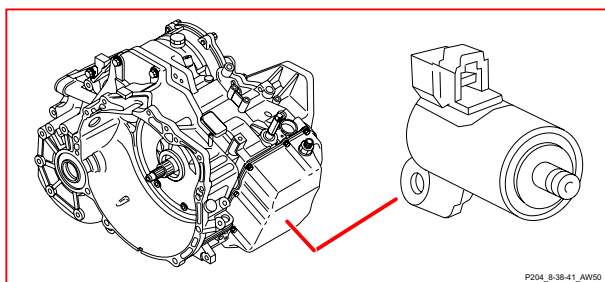
8/39 Shift solenoid 2 TF-80SC



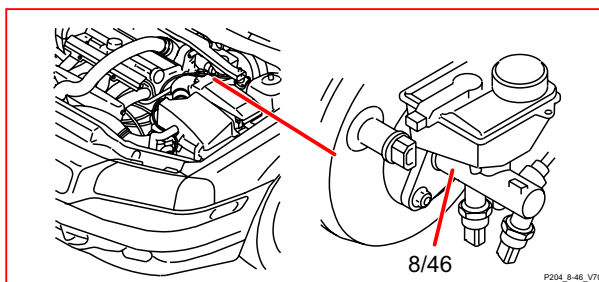
8/41 Pressure solenoid 4T65AWD



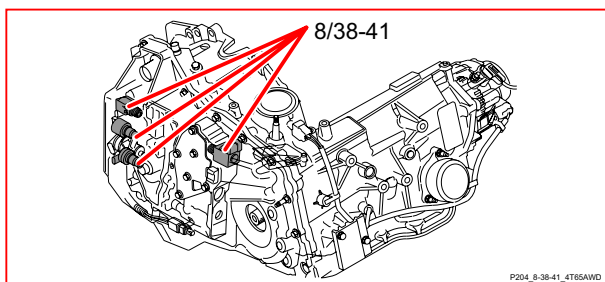
8/40 Lock-up solenoid AW51



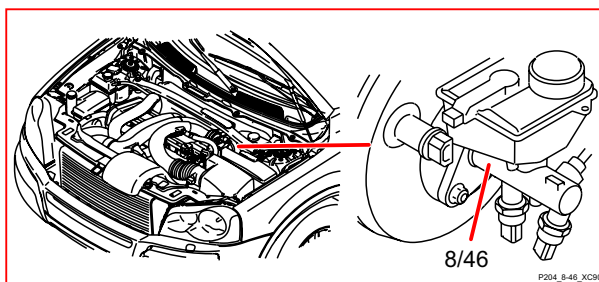
8/46 Activation unit DSTC V70



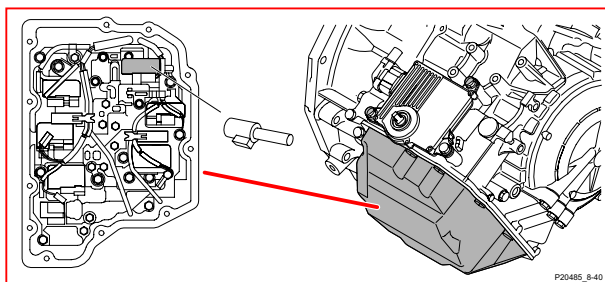
8/40 Lock-up solenoid 4T65AWD



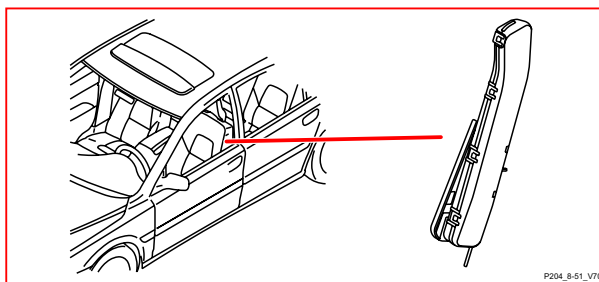
8/46 Activation unit DSTC XC90



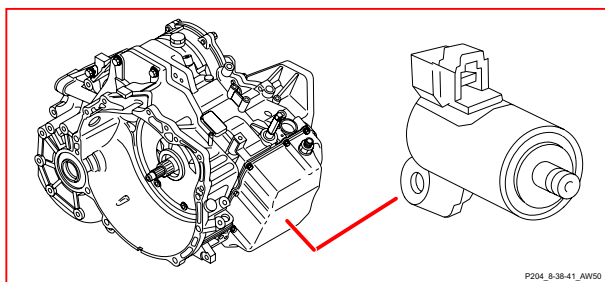
8/40 Lock-up solenoid TF-80SC



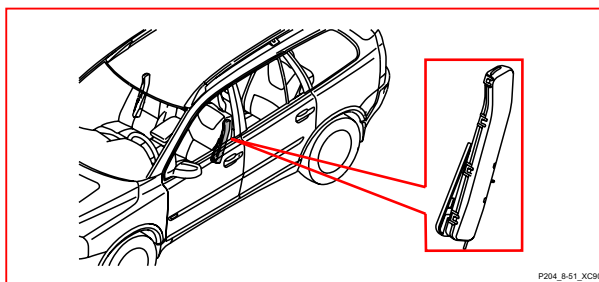
8/51 Side airbag igniter, front left V70



8/41 Pressure solenoid AW51



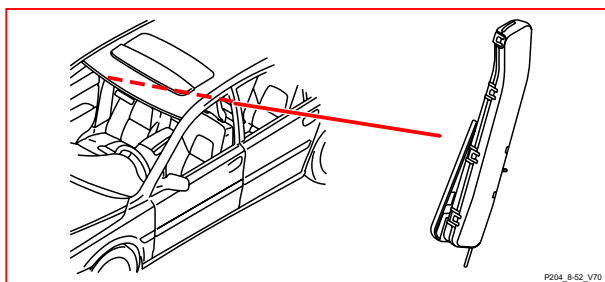
8/51 Side airbag igniter, front left XC90



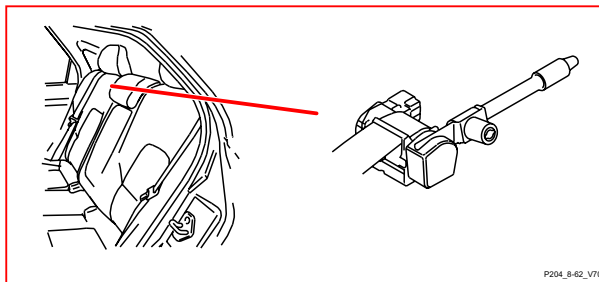
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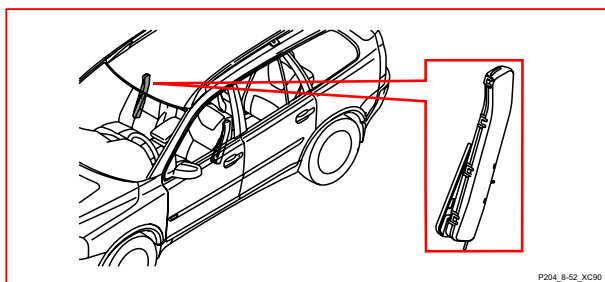
8/52 Side airbag igniter, front right V70



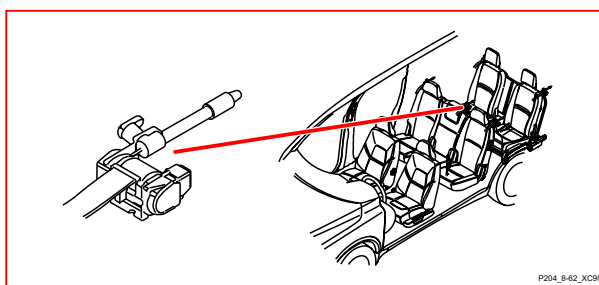
8/62 Belt tensioner igniter, center rear seat V70



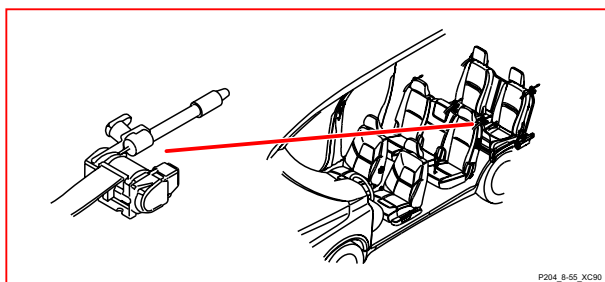
8/52 Side airbag igniter, front right XC90



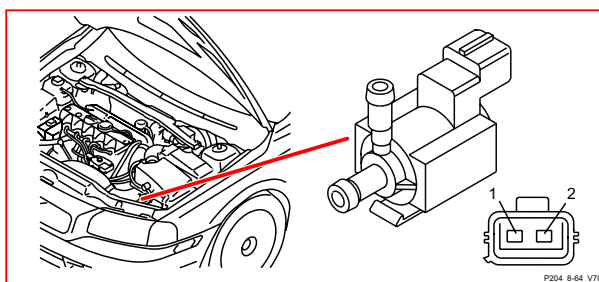
8/62 Belt tensioner igniter, center rear seat XC90



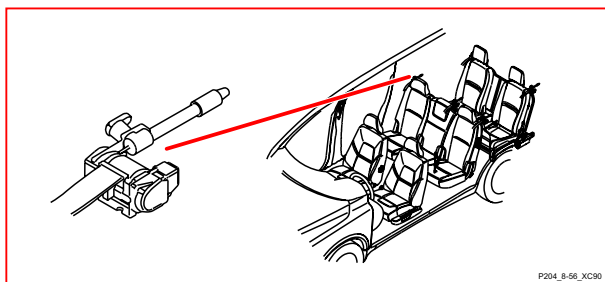
8/55 Igniter, left rear belt tensioner



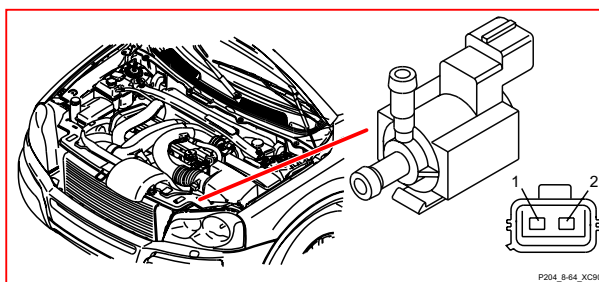
8/64 Solenoid valve, engine pad, diesel V70



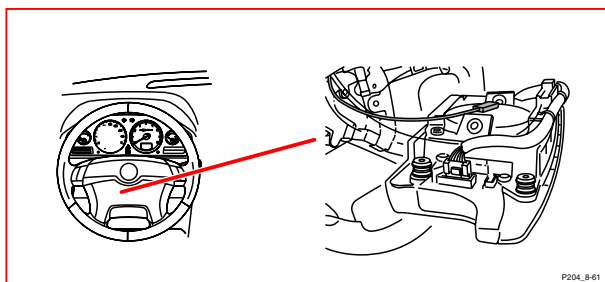
8/56 Igniter, right rear belt tensioner



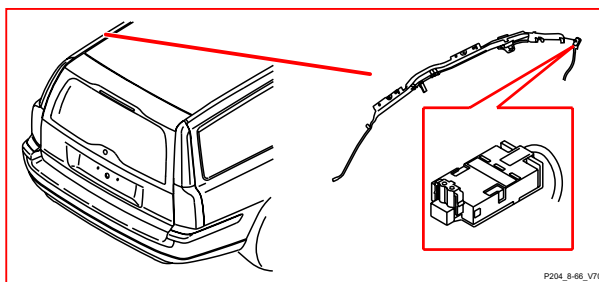
8/64 Solenoid valve, engine pad, diesel XC90



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



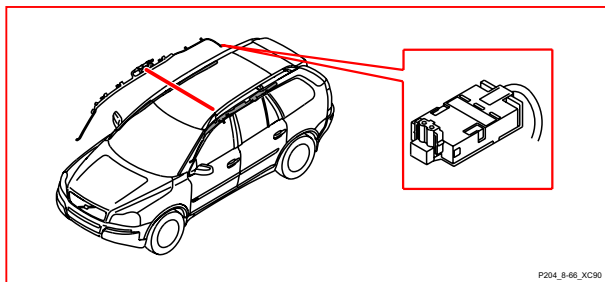
8/66 Left inflatable curtain igniter V70



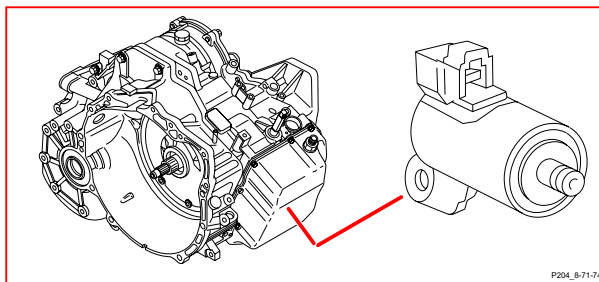
Component illustrations

8/66 XC90 - 8/78

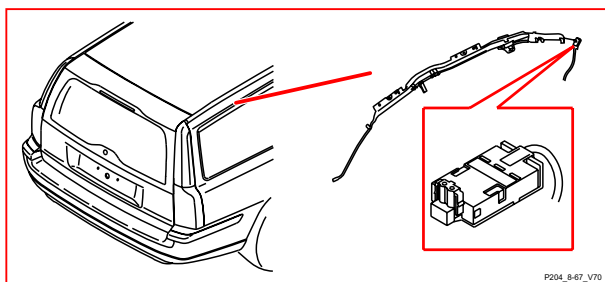
8/66 Left inflatable curtain igniter XC90



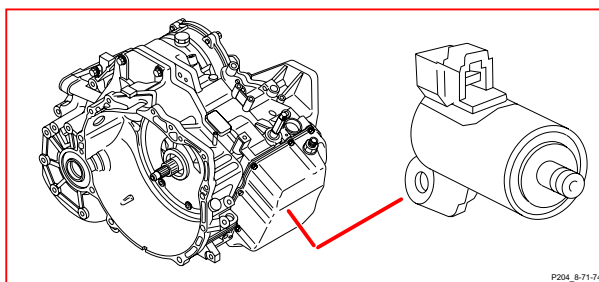
8/72 Shift solenoid 3 AW51



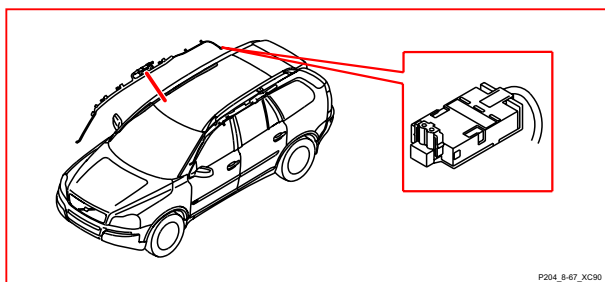
8/67 Right inflatable curtain igniter V70



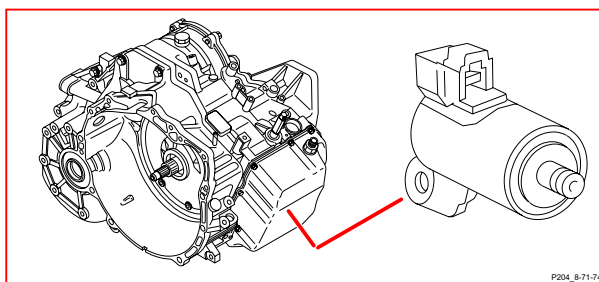
8/73 Shift solenoid 4 AW51



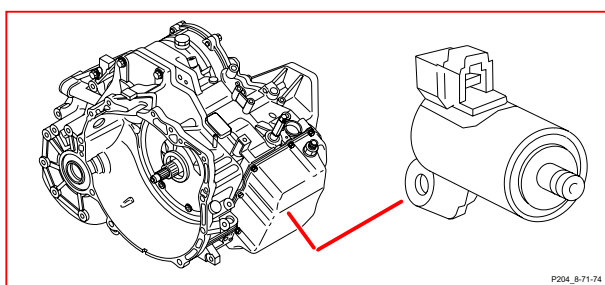
8/67 Right inflatable curtain igniter XC90



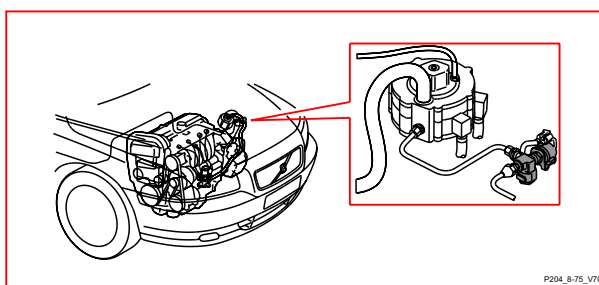
8/74 Shift solenoid 5 AW51



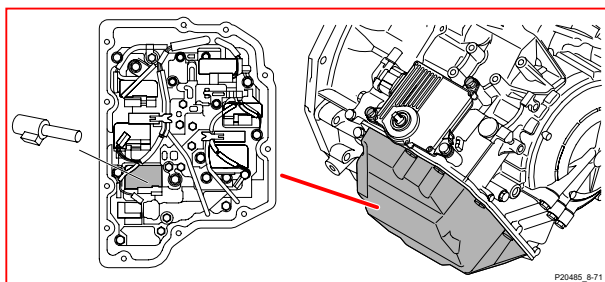
8/71 Throttle solenoid AW51



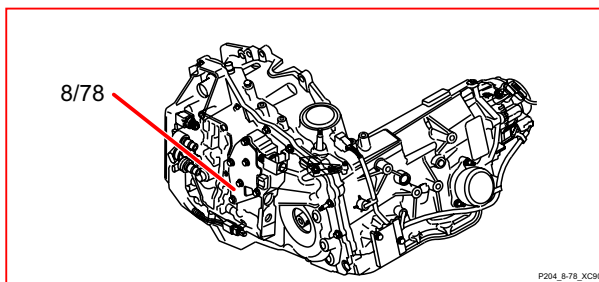
8/75 Valve, fuel cut-off DFCO



8/71 Throttle solenoid TF-80SC



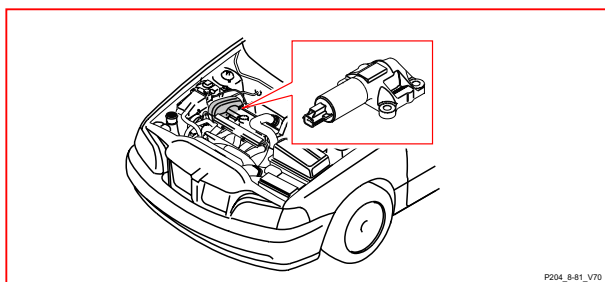
8/78 Oil pressure sensor



Component illustrations

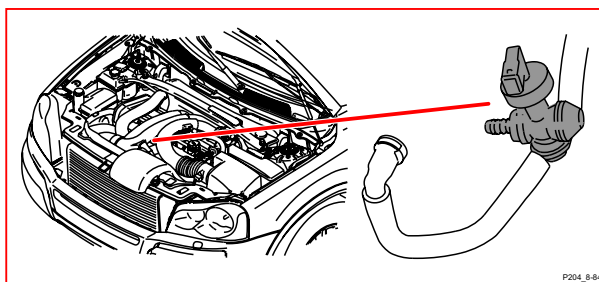
8/81 - 8/89

8/81 Solenoid, variable valve timing exhaust V70



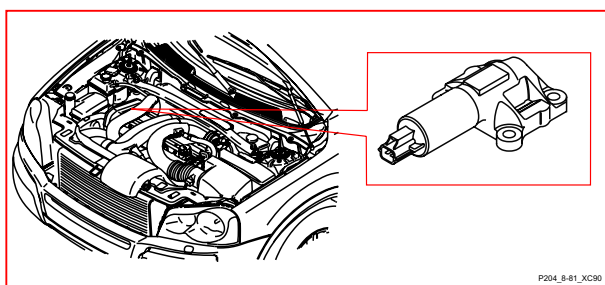
P204_8-81_V70

8/84 Switch, vacuum pump



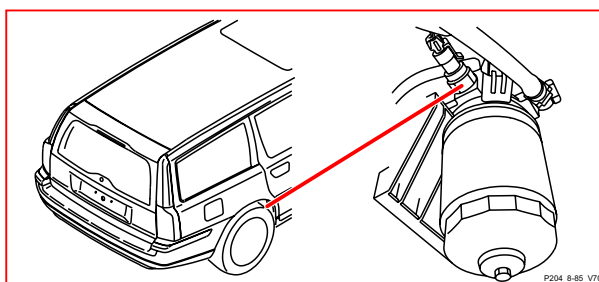
P204_8-84

8/81 Solenoid, variable valve timing exhaust XC90



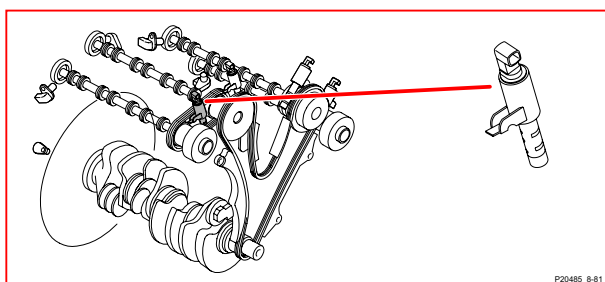
P204_8-81_XC90

8/85 Thermostatic switch and fuel filter heating V70



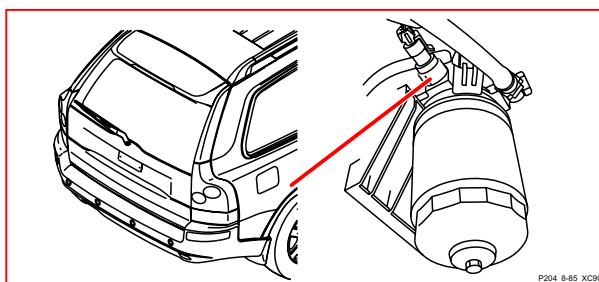
P204_8-85_V70

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



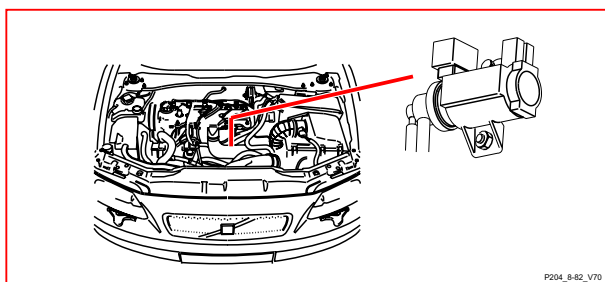
P20485_8-81

8/85 Thermostatic switch and fuel filter heating XC90



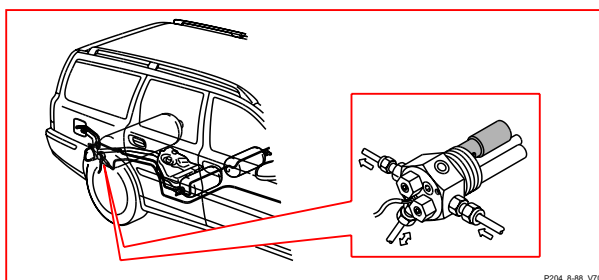
P204_8-85_XC90

8/82 Solenoid, variable turbo geometry, diesel V70



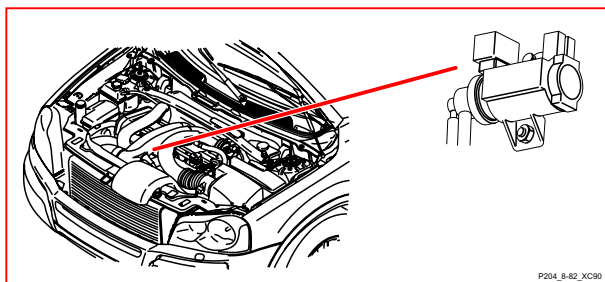
P204_8-82_V70

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



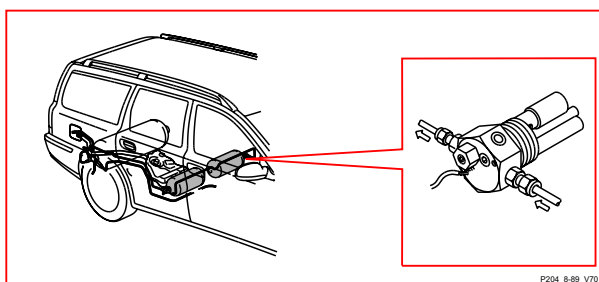
P204_8-88_V70

8/82 Solenoid, variable turbo geometry, diesel XC90



P204_8-82_XC90

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

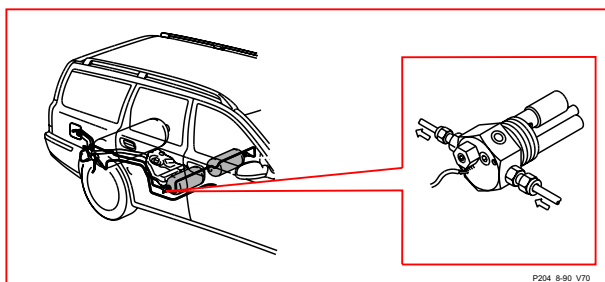


P204_8-89_V70

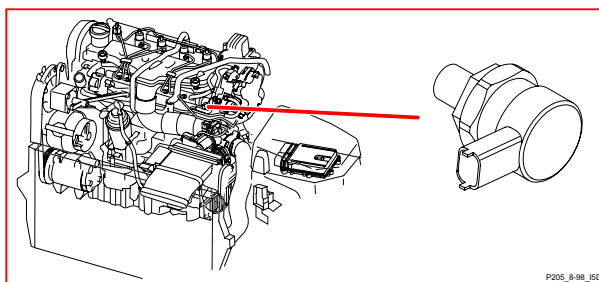
Component illustrations

8/90 - 8/113

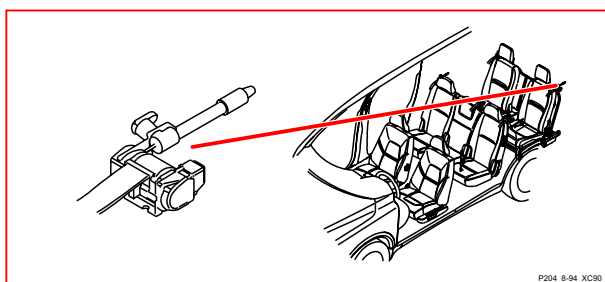
8/90 Solenoid, fuel tank, Bi-Fuel, front right



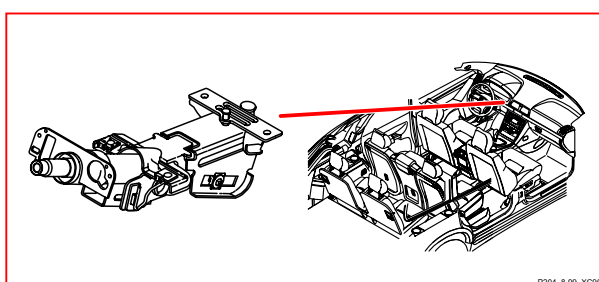
8/98 Fuel pressure control valve, I5D



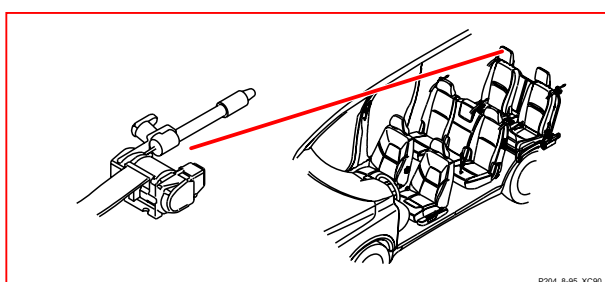
8/94 Left-hand belt tensioner igniter, third row of seats



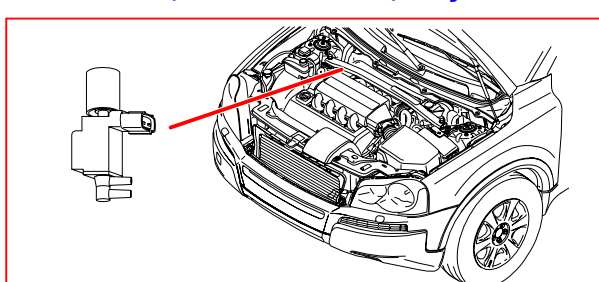
8/99 Igniter, steering column



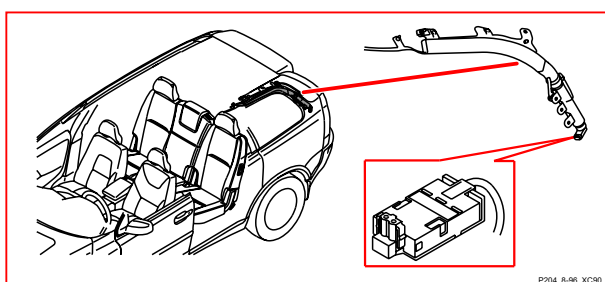
8/95 Right-hand belt tensioner igniter, third row of seats



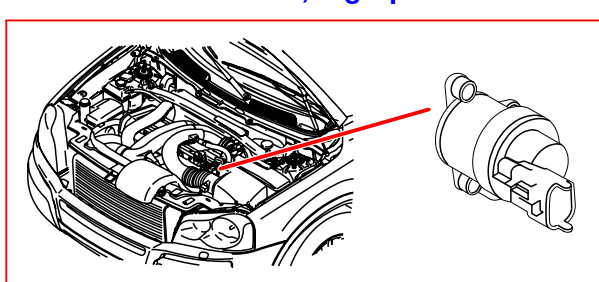
8/107 Valve, variable intake, 8-cyl.



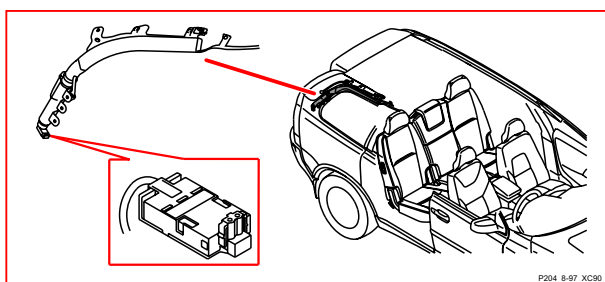
8/96 Left-hand inflatable curtain igniter, third row of seats



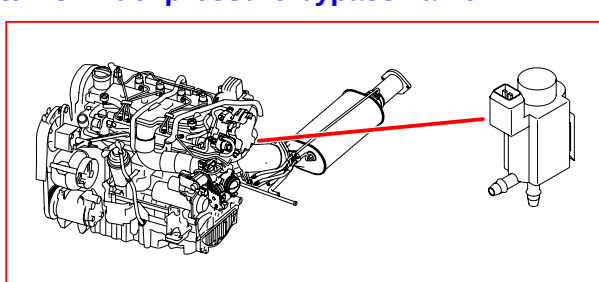
8/111 Solenoid valve, high-pressure diesel



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



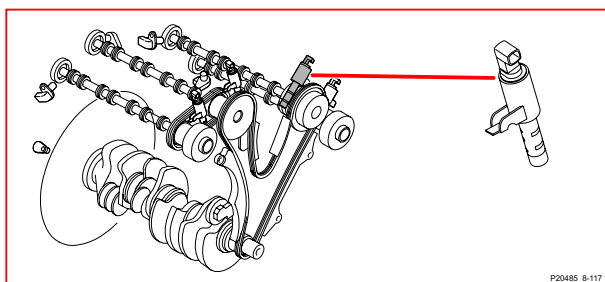
8/113 Fuel pressure bypass valve



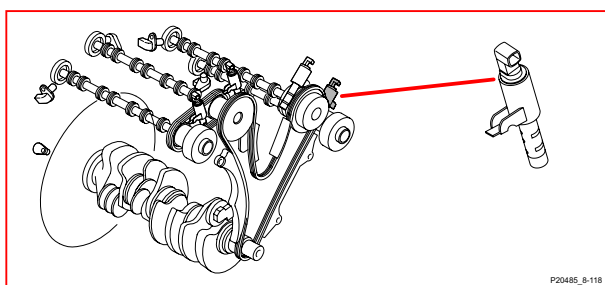
Component illustrations

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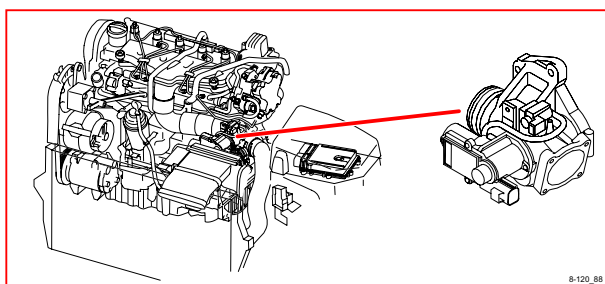
8/117 Solenoid, variable valve timing, intake, bank 1, 8-cyl.



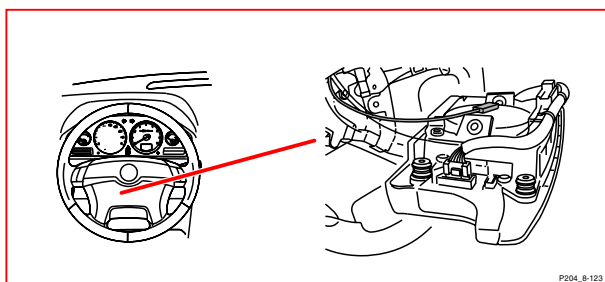
8/118 Solenoid, variable valve timing, exhaust, bank 1, 8-cyl.



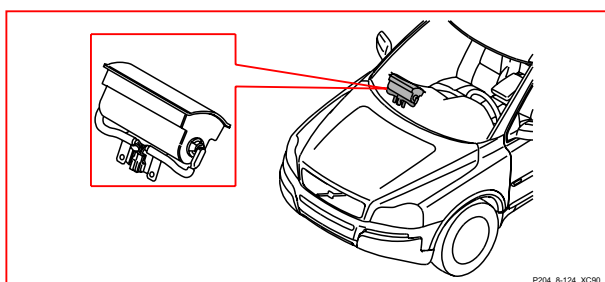
8/120 EGR valve



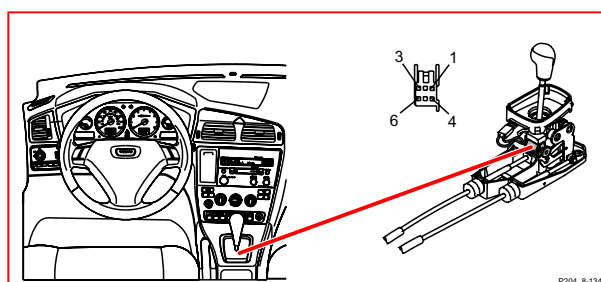
8/123 Igniter airbag driver side stage 3, XC90



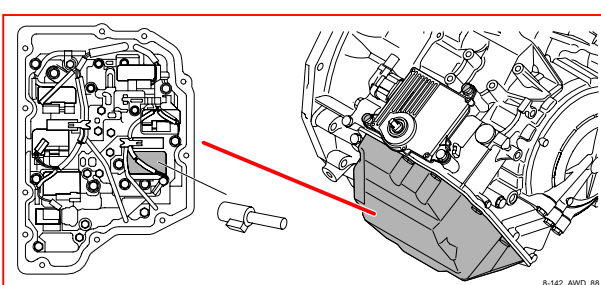
8/124 Igniter passenger side airbag stage 3, XC90



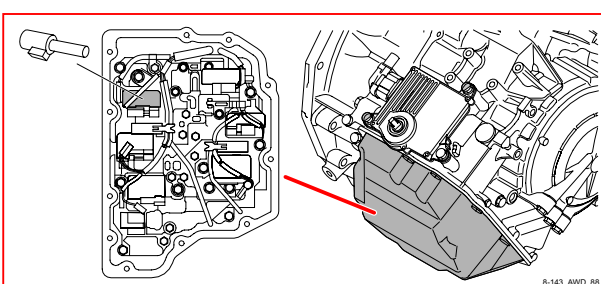
8/134 Solenoid, reverse interlock, manual



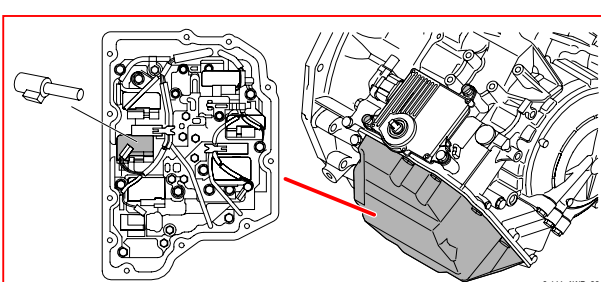
8/142 Linear pressure solenoid SLB1 TF-80SC AWD



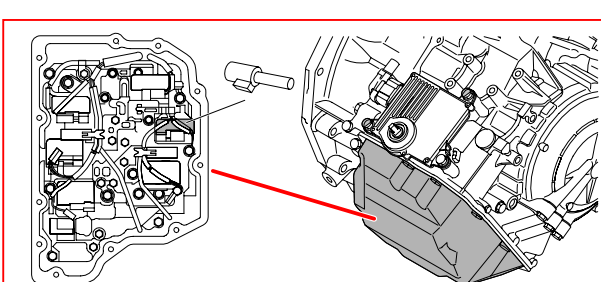
8/143 Linear pressure solenoid SLC1 TF-80SC AWD



8/144 Linear pressure solenoid SLC2 TF-80SC AWD



8/145 Linear pressure solenoid SLC3 TF-80SC AWD

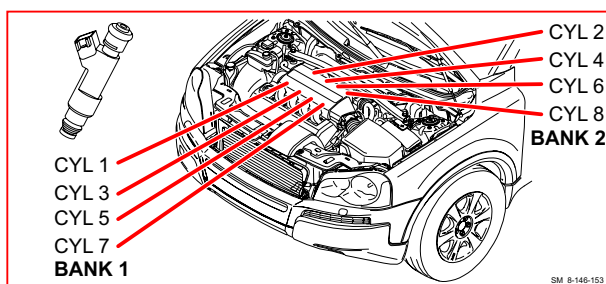


Component illustrations

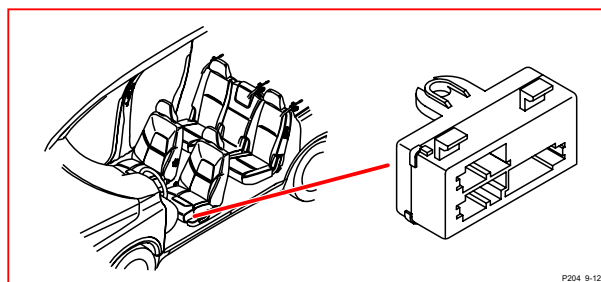
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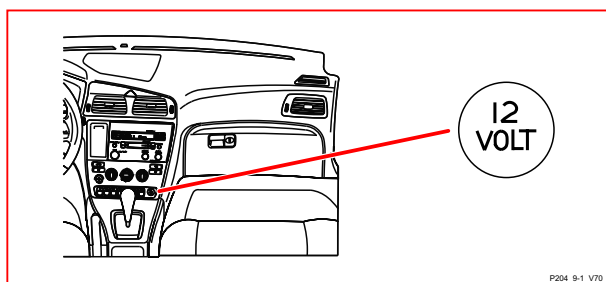
8/153 Injection valves, 8-cyl.



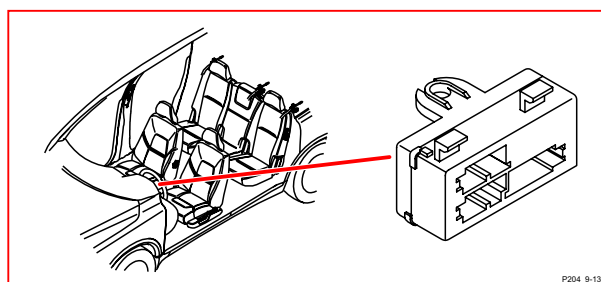
9/12 Seat Heating Module (SHM), left-hand



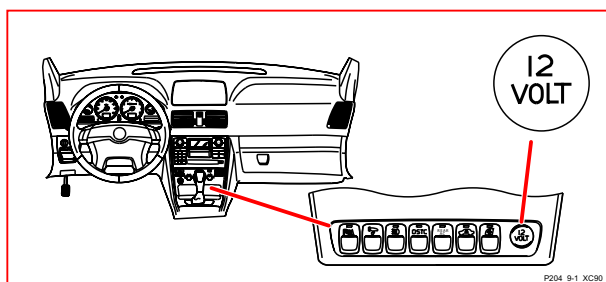
9/1 Front 12V outlet V70



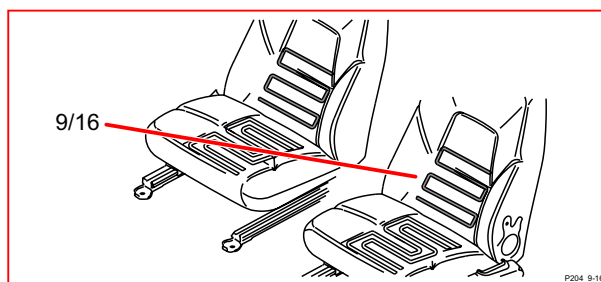
9/13 Seat Heating Module (SHM), right-hand



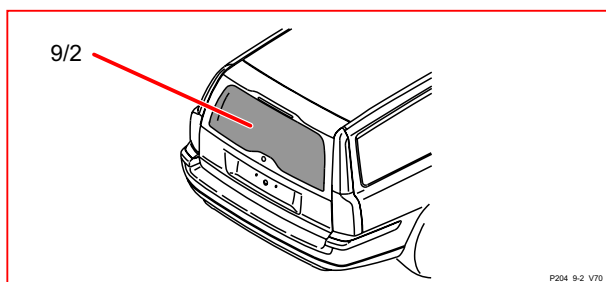
9/1 Front 12V outlet XC90



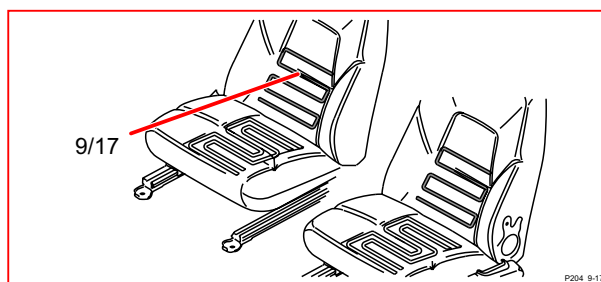
9/16 Left-hand backrest heating element



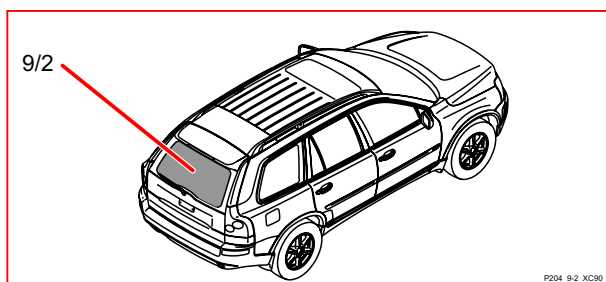
9/2 Heated rear window V70



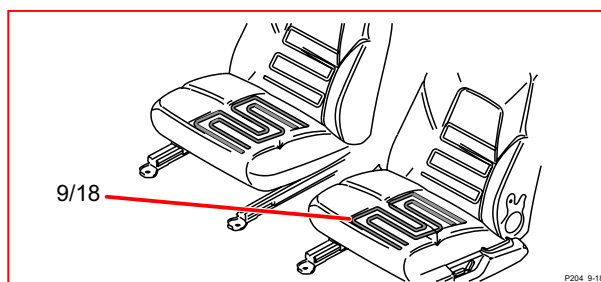
9/17 Right-hand backrest heating element



9/2 Heated rear window XC90



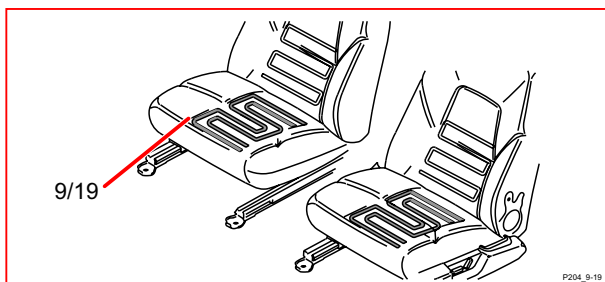
9/18 Left-hand seat heating element



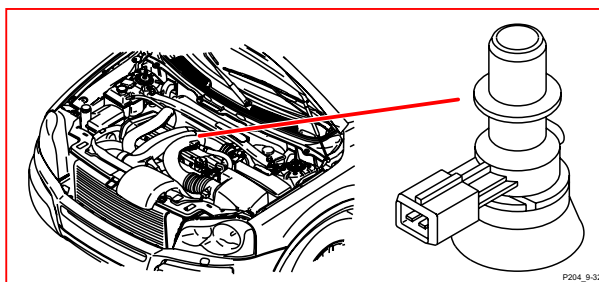
Component illustrations

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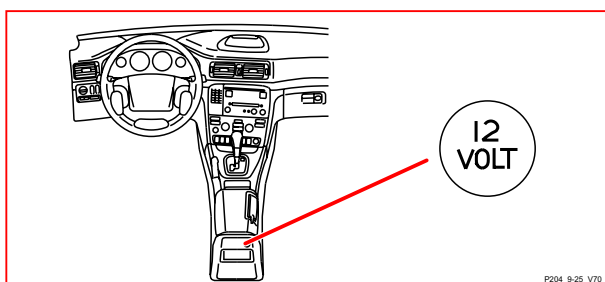
9/19 Right-hand seat heating element



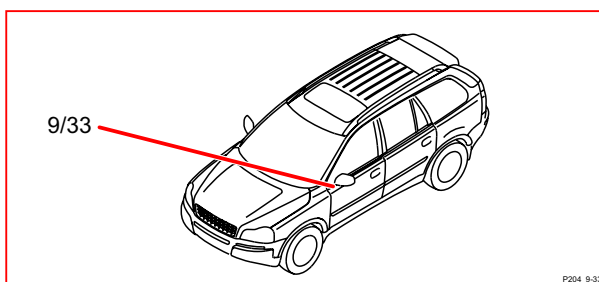
9/32 PTC-resistor air preheating



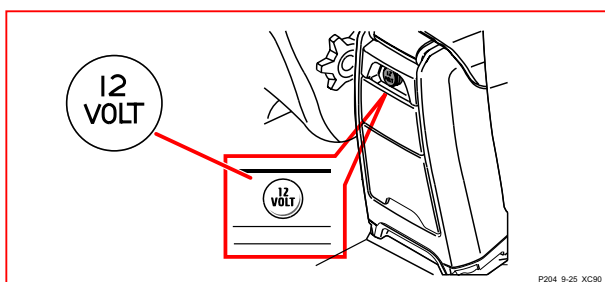
9/25 Rear 12 V outlet V70



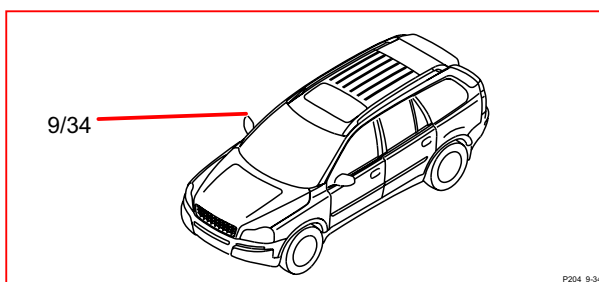
9/33 Left heated exterior rearview mirror



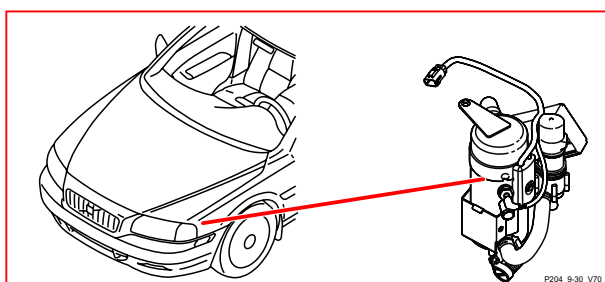
9/25 Rear 12 V outlet XC90



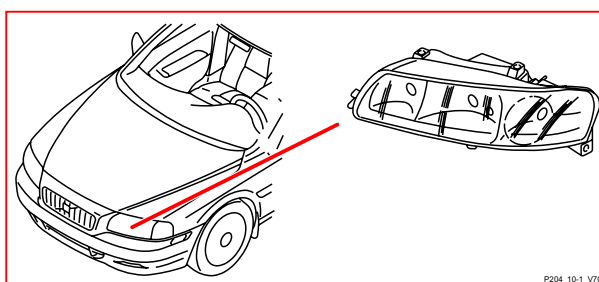
9/34 Right heated exterior rearview mirror



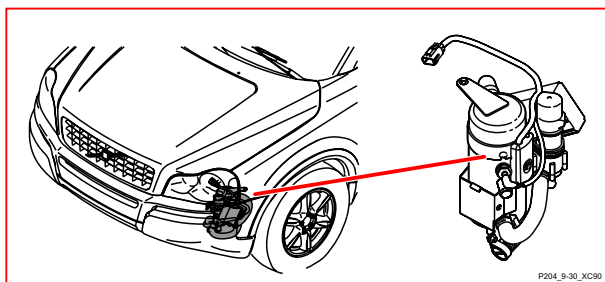
9/30 Auxiliary heater V70



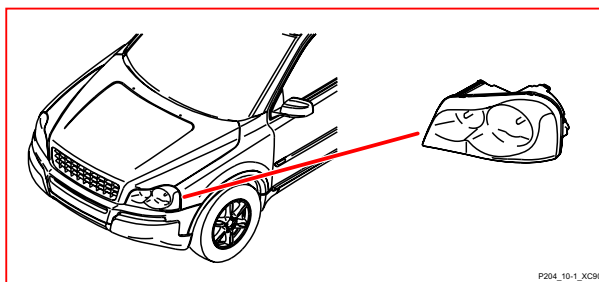
10/1 Left front lamp housing V70



9/30 Auxiliary heater XC90



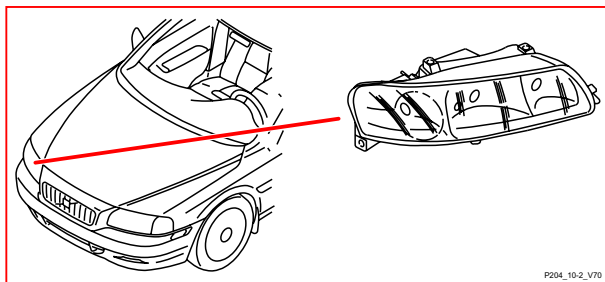
10/1 Left front lamp housing XC90



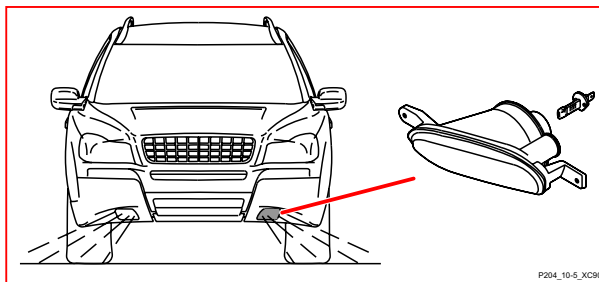
Component illustrations

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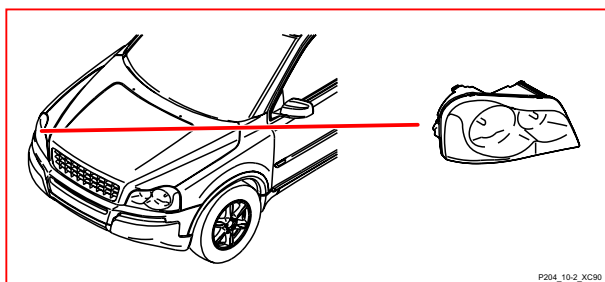
10/2 Right front lamp housing V70



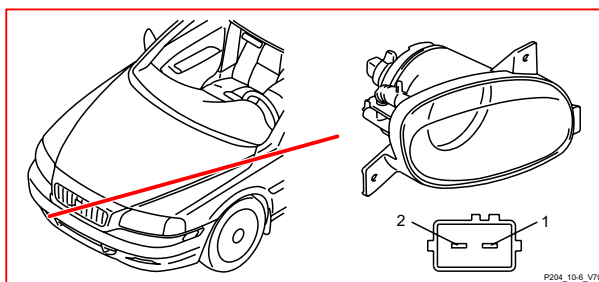
10/5 Fog light, front left XC90



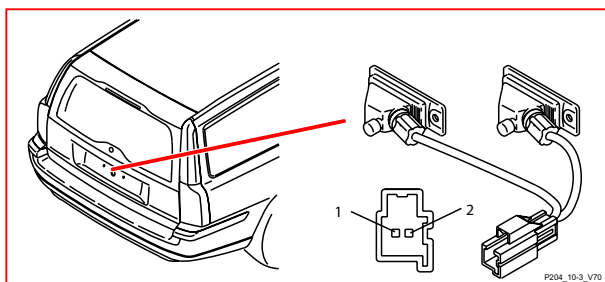
10/2 Right front lamp housing XC90



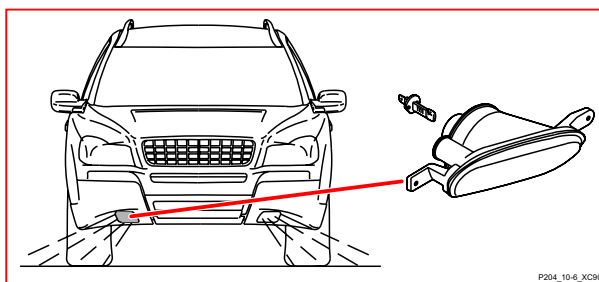
10/6 Fog light, front right V70



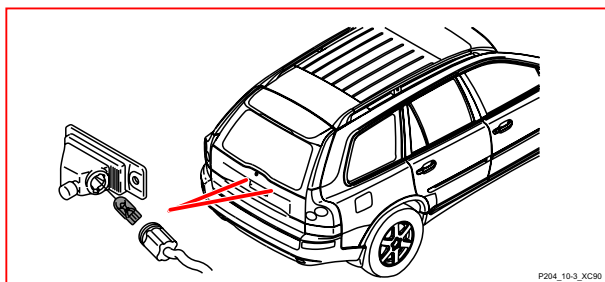
10/3 License plate lighting V70



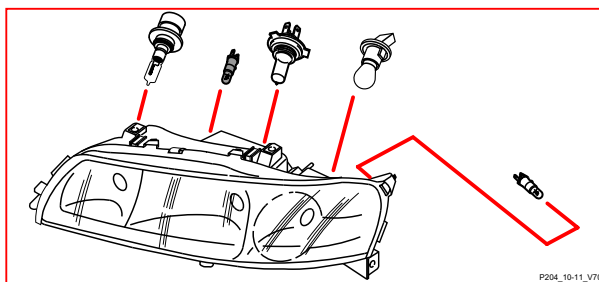
10/6 Fog light, front right XC90



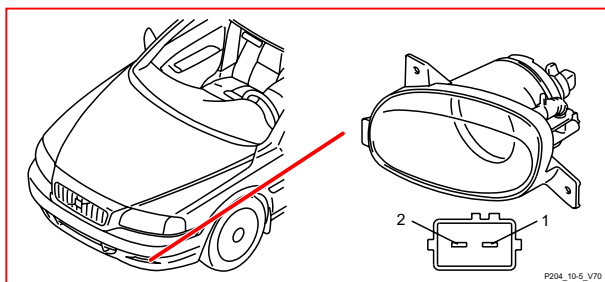
10/3 License plate lighting XC90



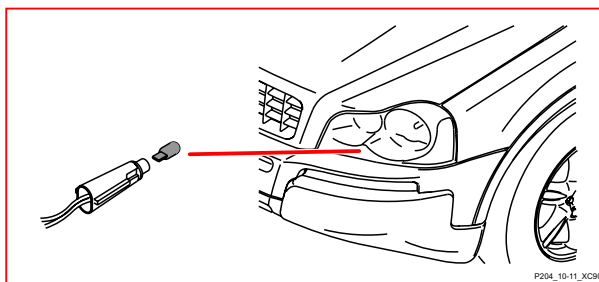
10/11 Running/parking light, front left V70



10/5 Fog light, front left V70



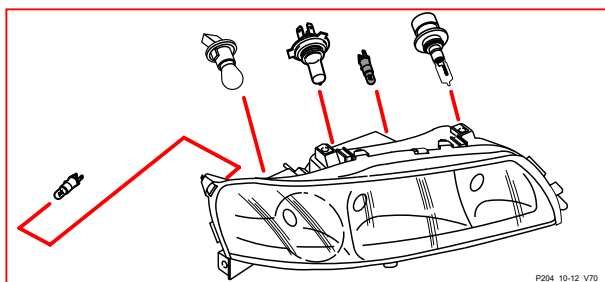
10/11 Running/parking light, front left XC90



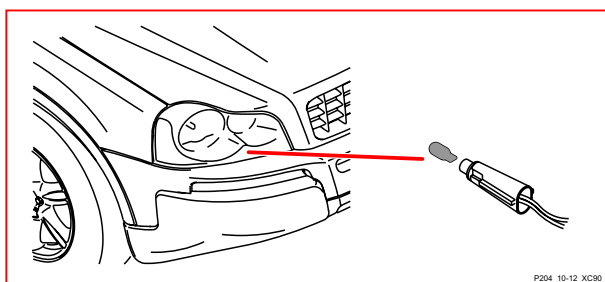
Component illustrations

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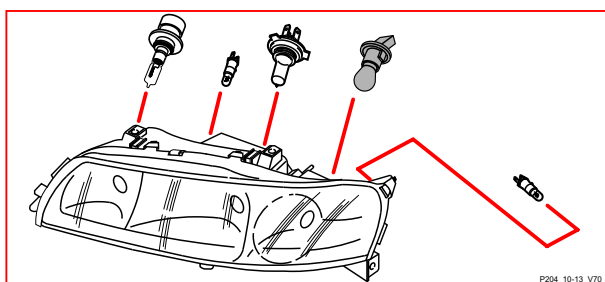
10/12 Running/parking light, front right V70



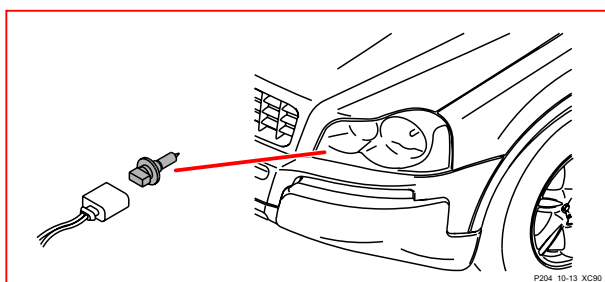
10/12 Running/parking light, front right XC90



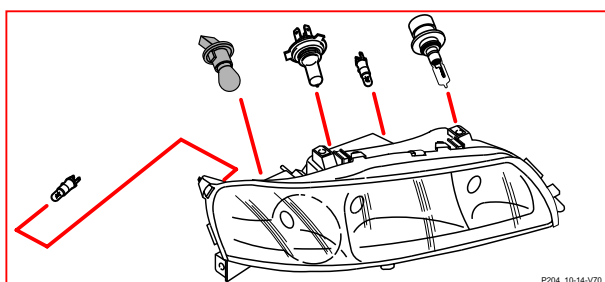
10/13 Direction indicator, front left V70



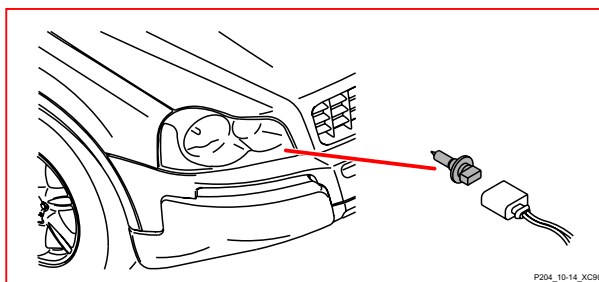
10/13 Direction indicator, front left XC90



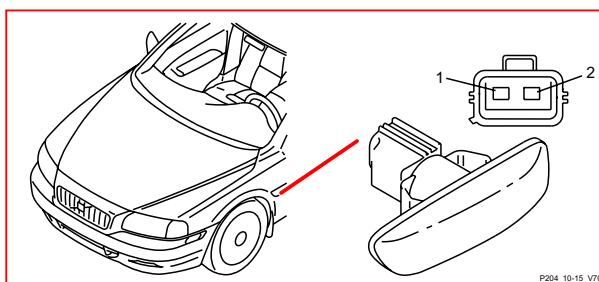
10/14 Direction indicator, front right V70



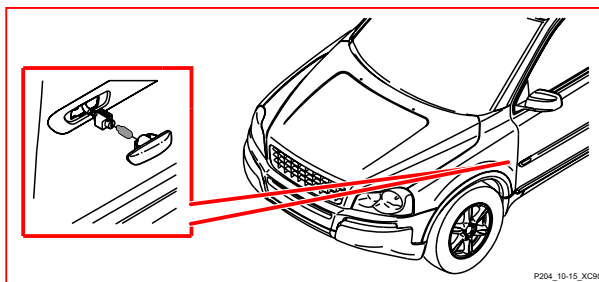
10/14 Direction indicator, front right XC90



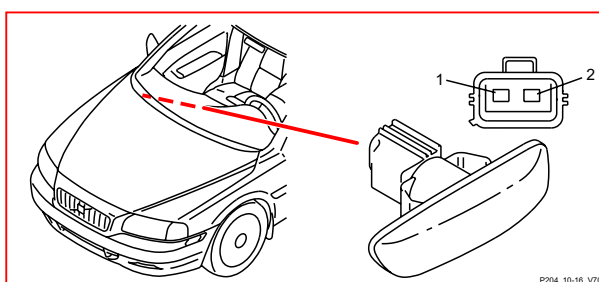
10/15 Direction indicator, front left fender V70



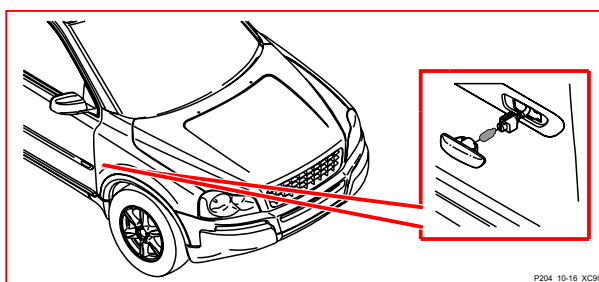
10/15 Direction indicator, left front door XC90



10/16 Direction indicator right front fender, V70



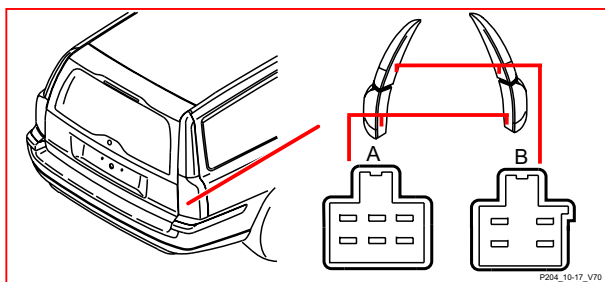
10/16 Direction indicator, right front door, XC90



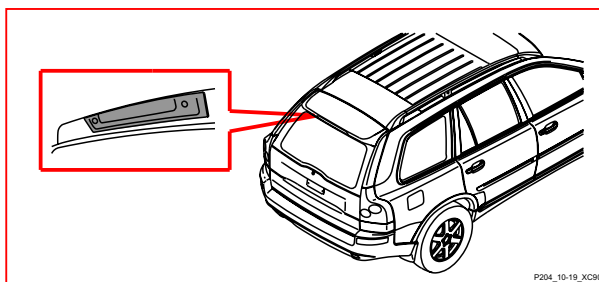
Component illustrations

10/17 - 10/43 V70

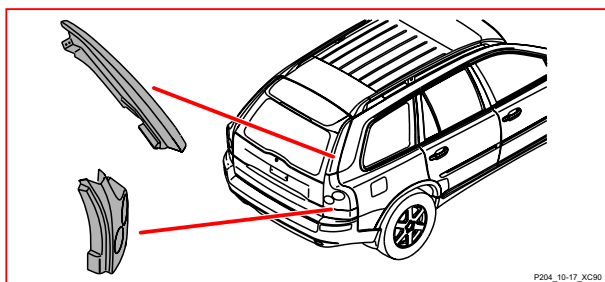
10/17 Lamp housing, rear right V70



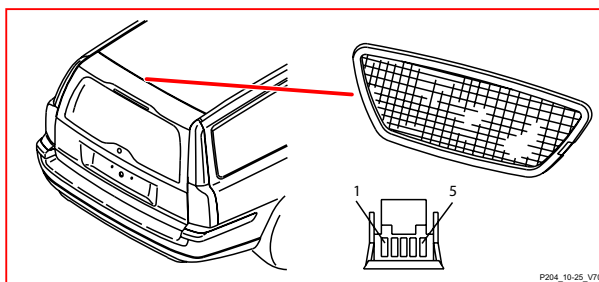
10/19 Auxiliary brake light XC90



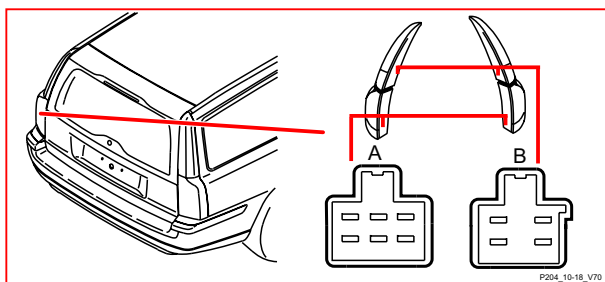
10/17 Lamp housing, rear right XC90



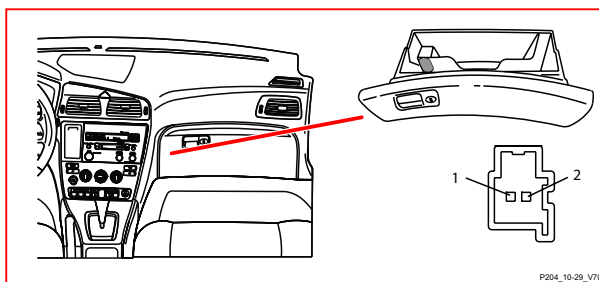
10/25 Ceiling light, cargo compartment



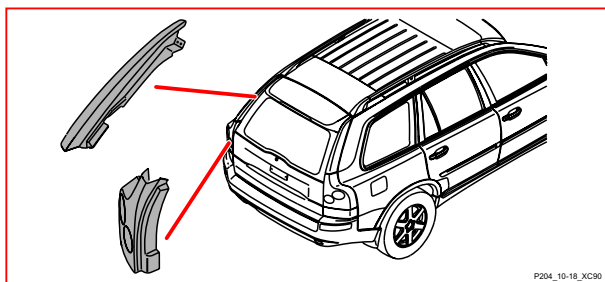
10/18 Lamp housing, rear left V70



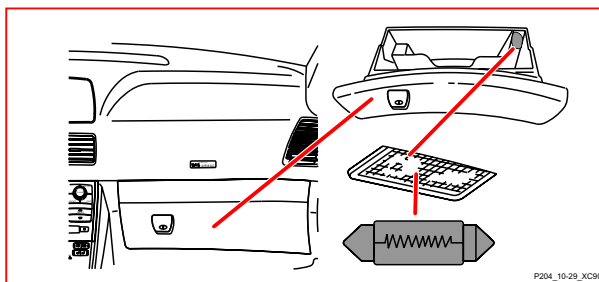
10/29 Glove compartment lighting V70



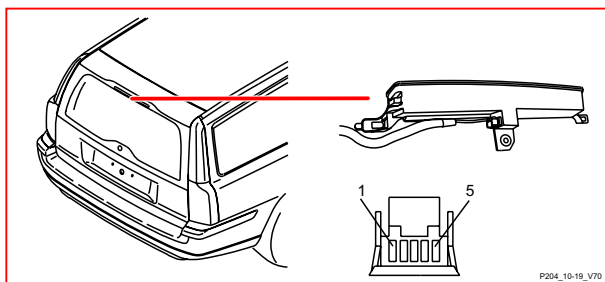
10/18 Lamp housing, rear left XC90



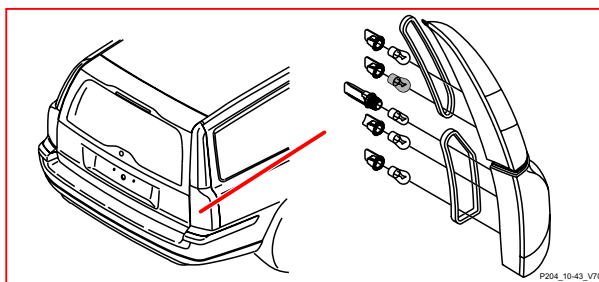
10/29 Glove compartment lighting XC90



10/19 Auxiliary brake light V70



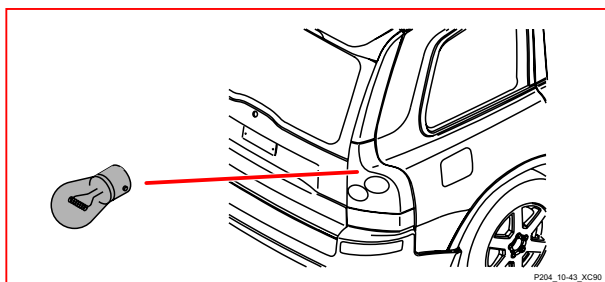
10/43 Brake light, right V70



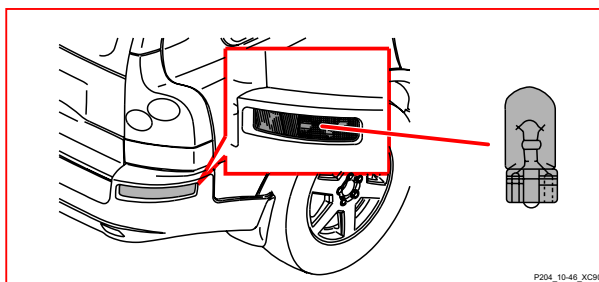
Component illustrations

10/43 XC90 - 10/48

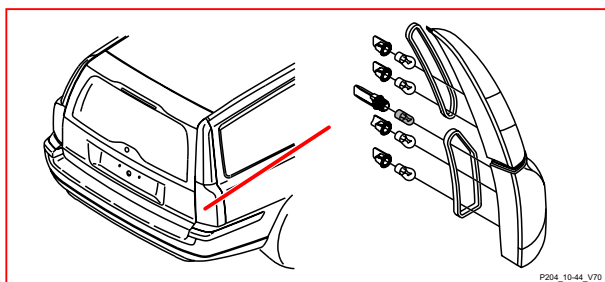
10/43 Brake light, right XC90



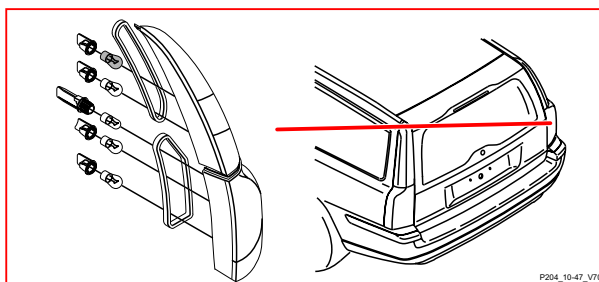
10/46 Fog light, right rear XC90



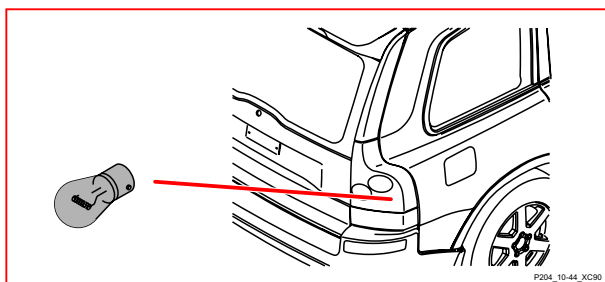
10/44 Tail light 1, right V70



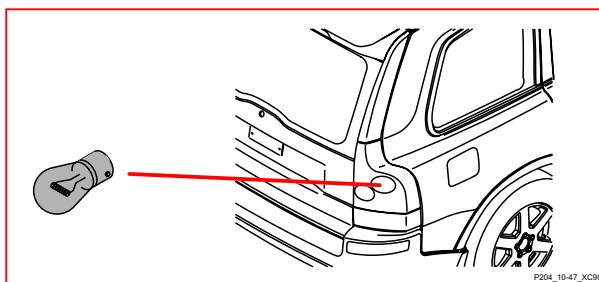
10/47 Direction indicator, rear right V70



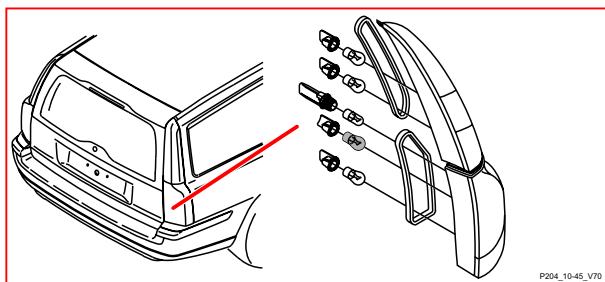
10/44 Tail light 1, right XC90



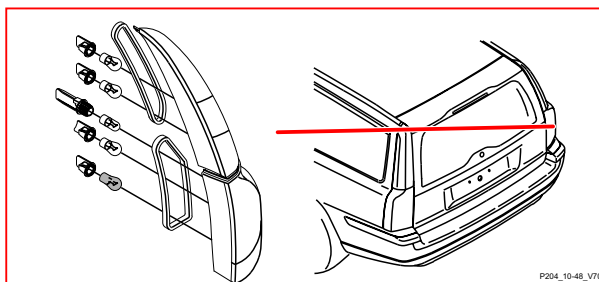
10/47 Direction indicator, right rear XC90



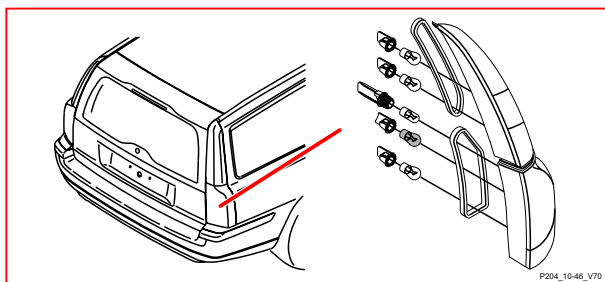
10/45 Tail light 2, right V70



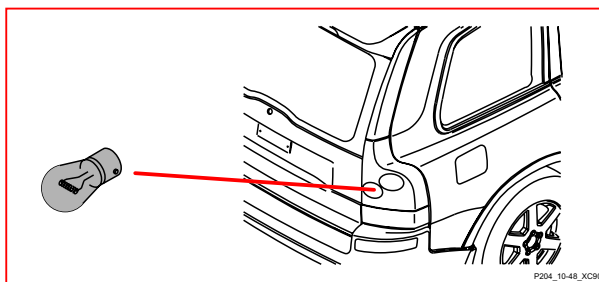
10/48 Reversing light, right V70



10/46 Fog light, rear right V70



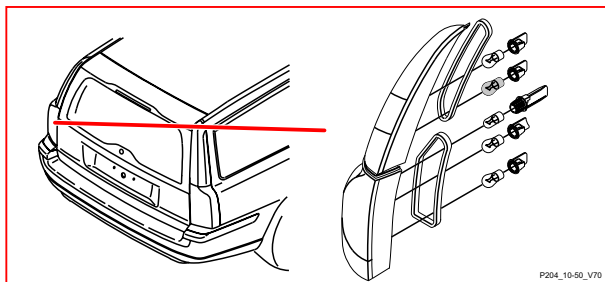
10/48 Reversing light, right XC90



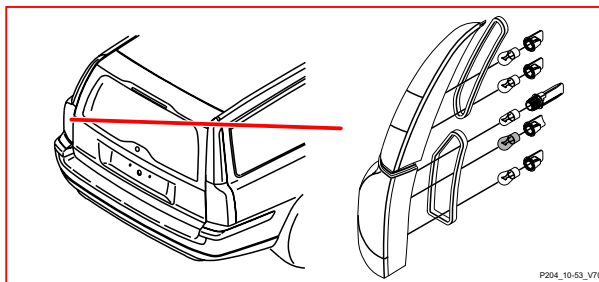
Component illustrations

10/50 - 10/55 V70

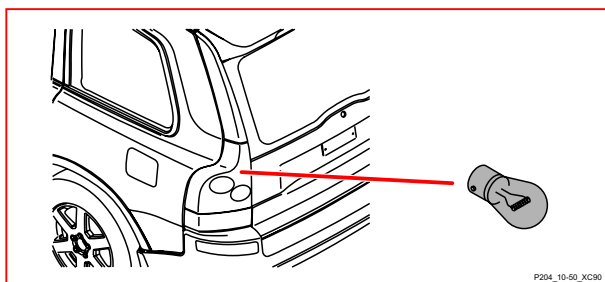
10/50 Brake light, left V70



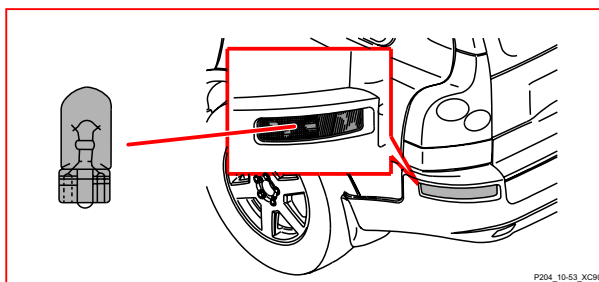
10/53 Fog light, rear left V70



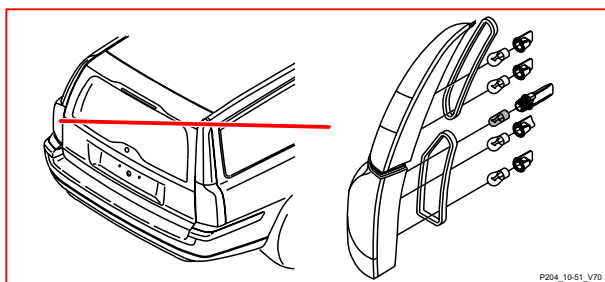
10/50 Brake light, left XC90



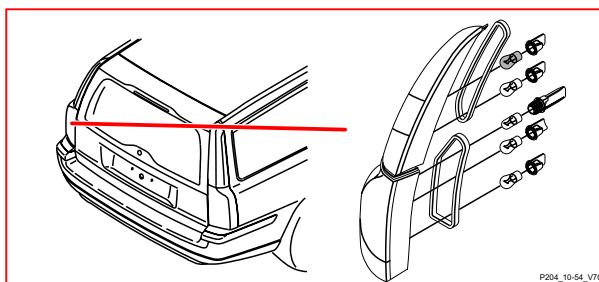
10/53 Fog light, rear left XC90



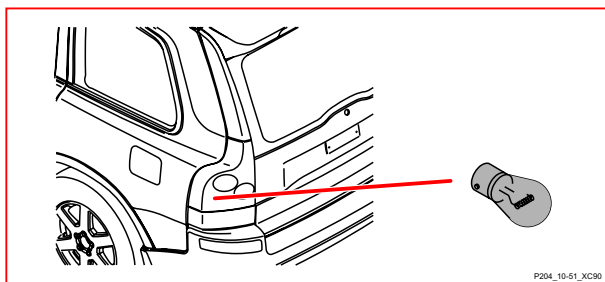
10/51 Tail light 1, left V70



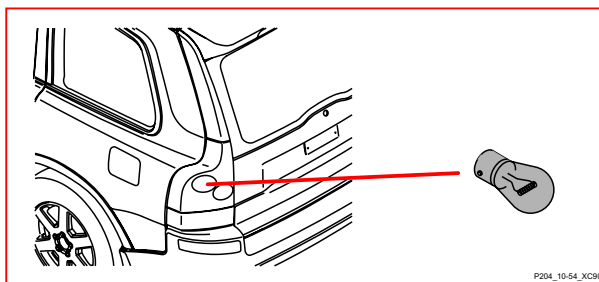
10/54 Direction indicator, rear left V70



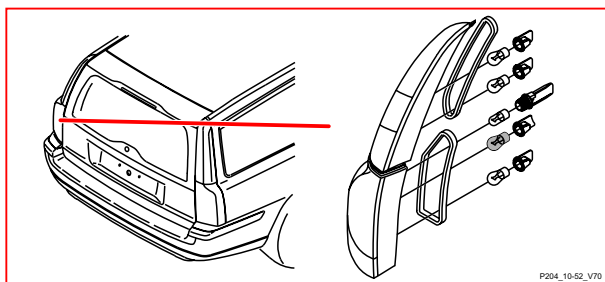
10/51 Tail light 1, left XC90



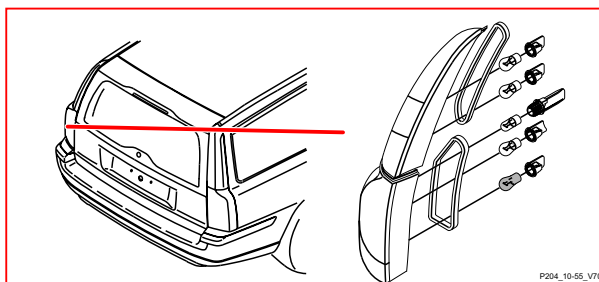
10/54 Direction indicator, rear left XC90



10/52 Tail light 2 left, V70



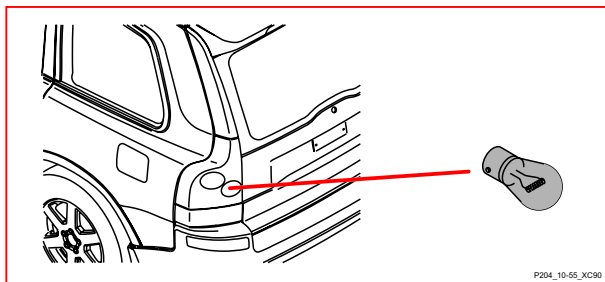
10/55 Reversing light, left V70



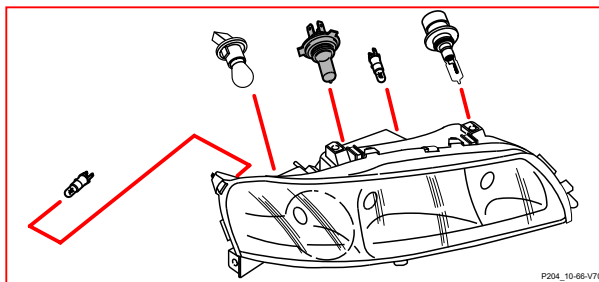
Component illustrations

10/55 XC90 -10/71 V70

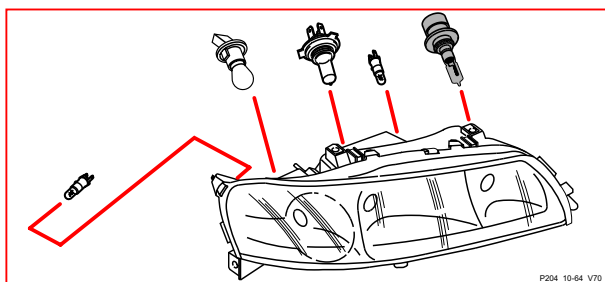
10/55 Reversing light, left XC90



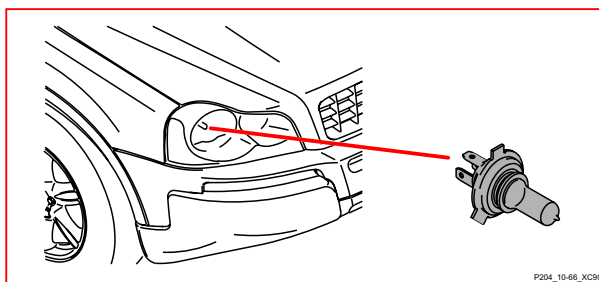
10/66 Low beam, right V70



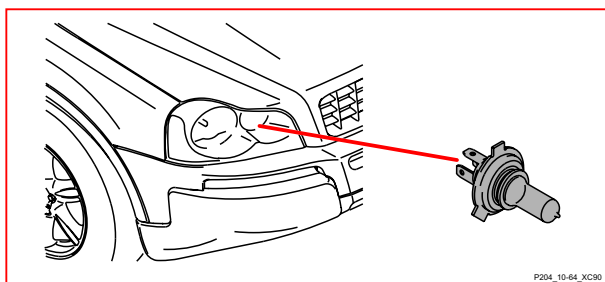
10/64 High beam, right V70



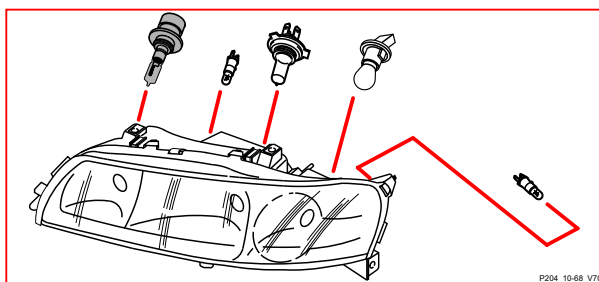
10/66 Low beam, right XC90



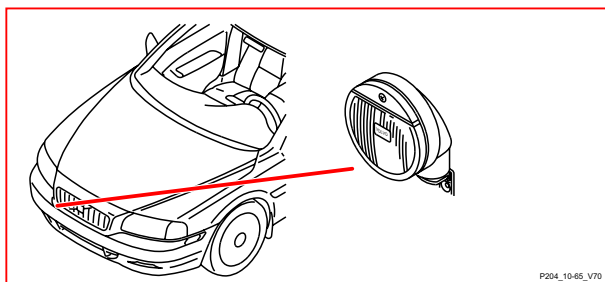
10/64 High beam, right XC90



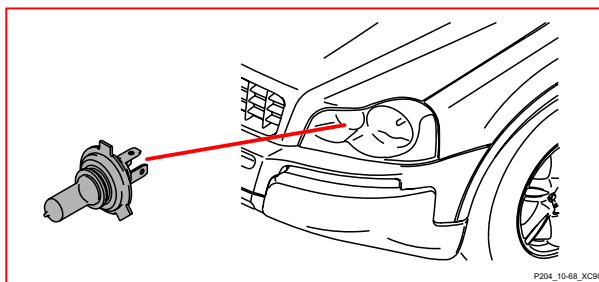
10/68 High beam, left V70



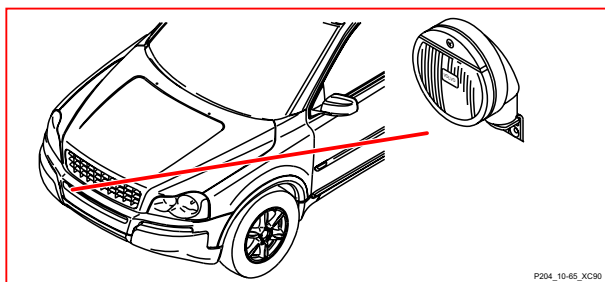
10/65 Auxiliary light, front right V70



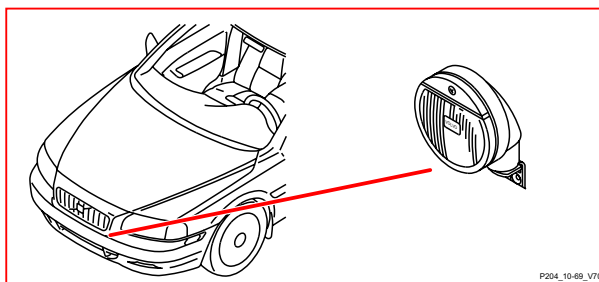
10/68 High beam, left XC90



10/65 Auxiliary light, front right XC90



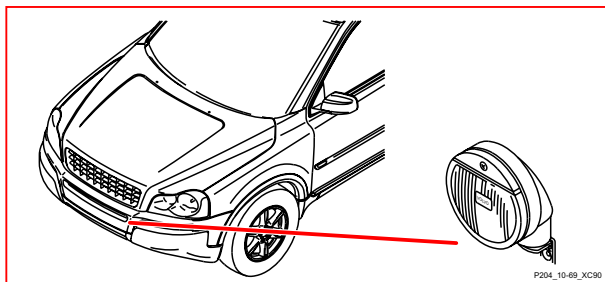
10/69 Auxiliary light, front left V70



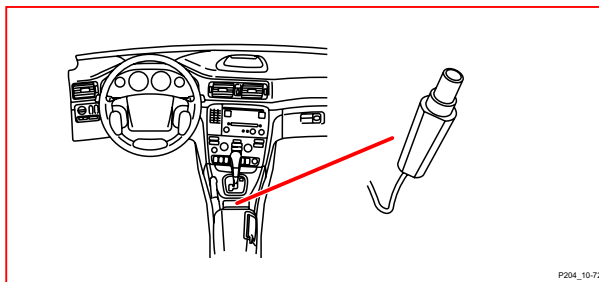
Component illustrations

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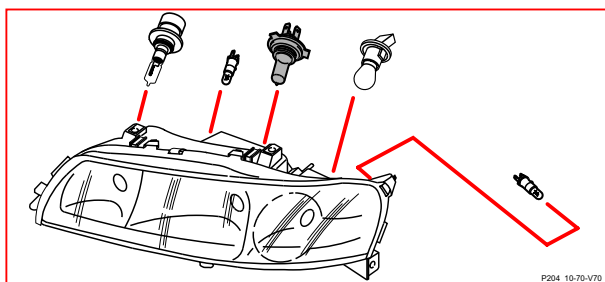
10/69 Auxiliary light, front left XC90



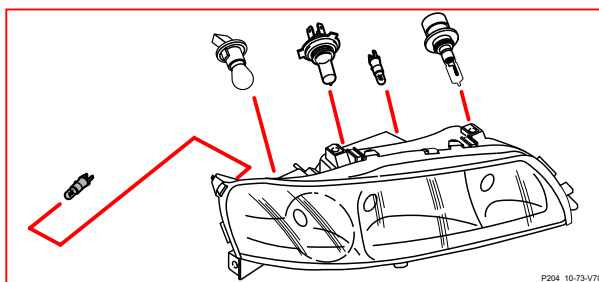
10/72 Front ashtray lighting



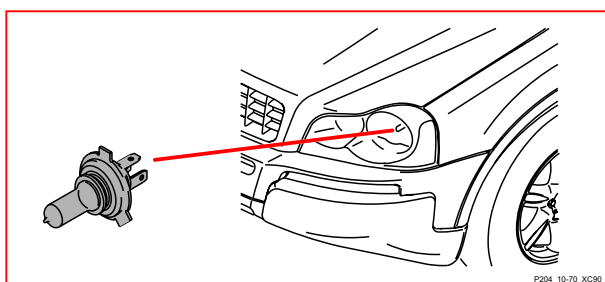
10/70 Low beam, left V70



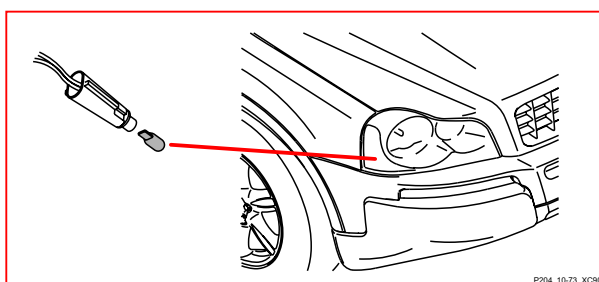
10/73 Side running light, front right V70



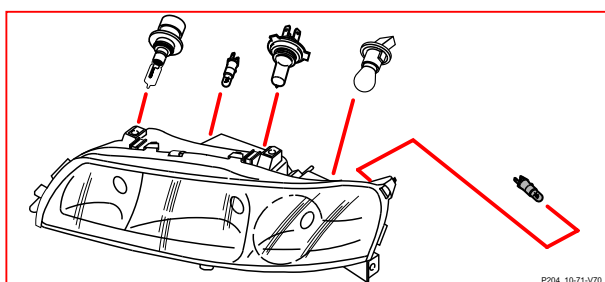
10/70 Low beam, left XC90



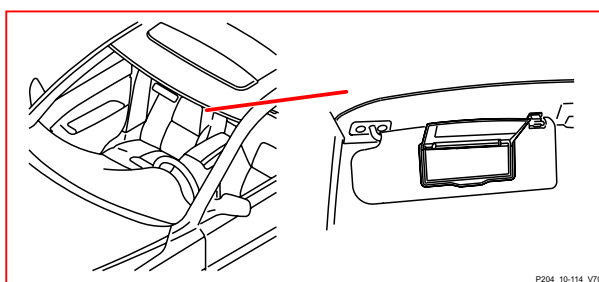
10/73 Side running light, front right XC90



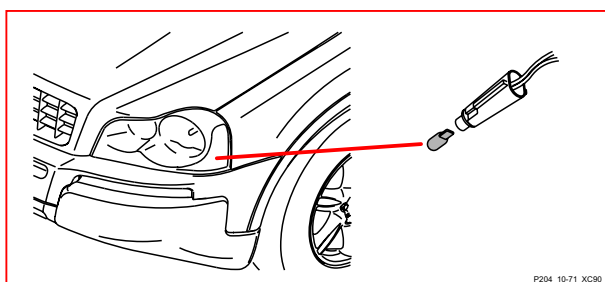
10/71 Side running light, front left V70



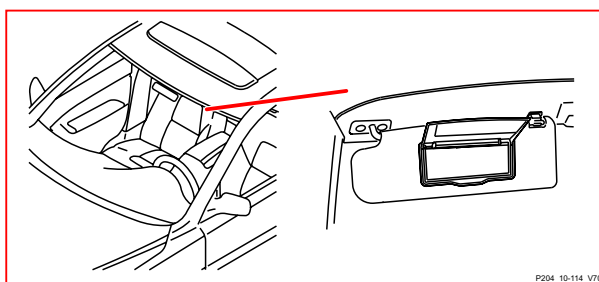
10/114 Vanity mirror lighting, left V70



10/71 Side running light, front left XC90



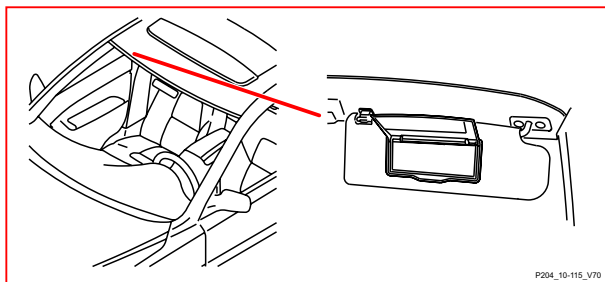
10/114 Vanity mirror lighting, left XC90



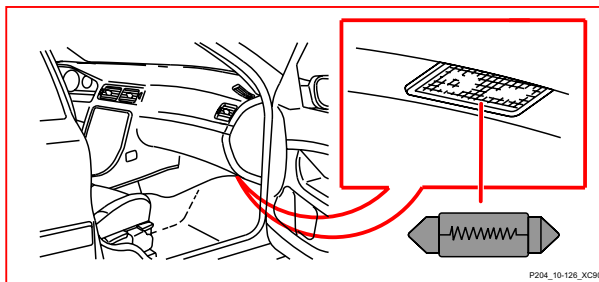
Component illustrations

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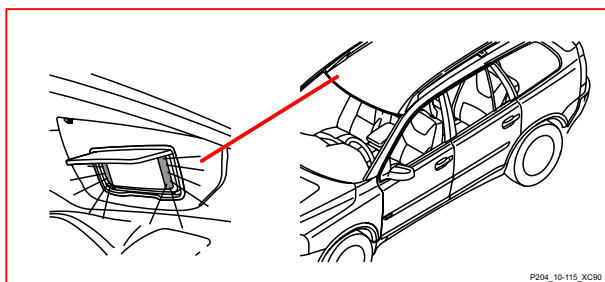
10/115 Vanity mirror lighting, right V70



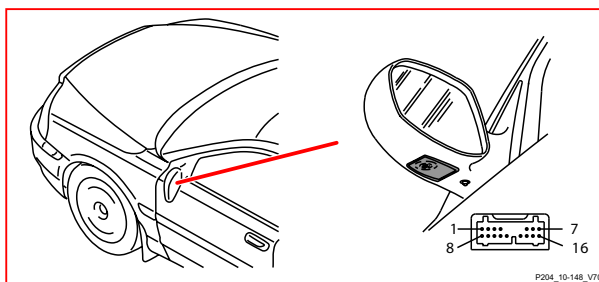
10/126 Courtesy lighting, front right XC90



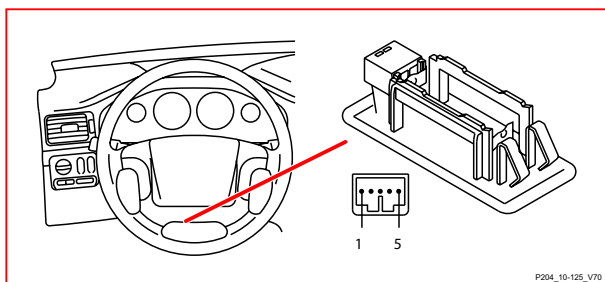
10/115 Vanity mirror lighting, right XC90



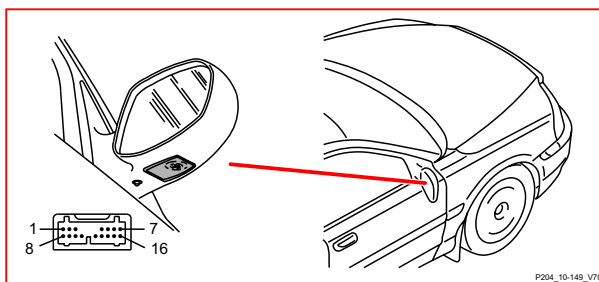
10/148 Left exterior rearview mirror lighting



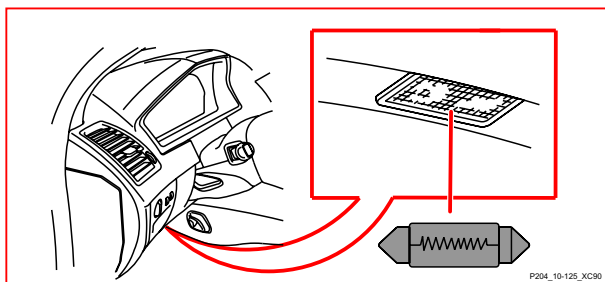
10/125 Courtesy lighting, front left V70



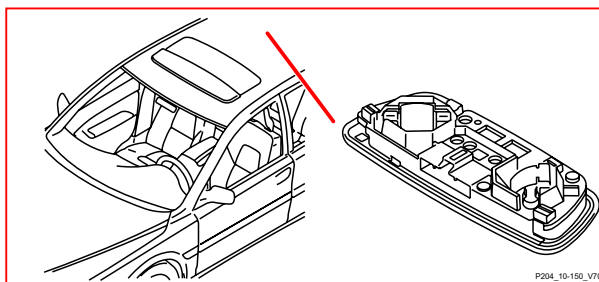
10/149 Door mirror lighting, right



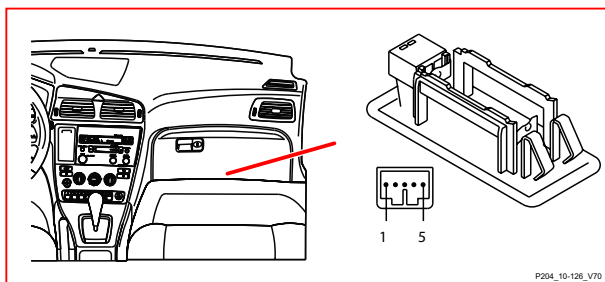
10/125 Courtesy lighting, front left XC90



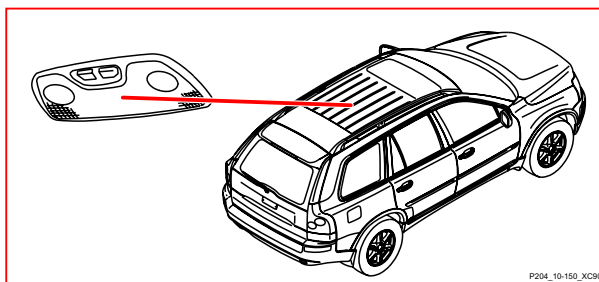
10/150 Rear reading light V70



10/126 Courtesy lighting, front right V70



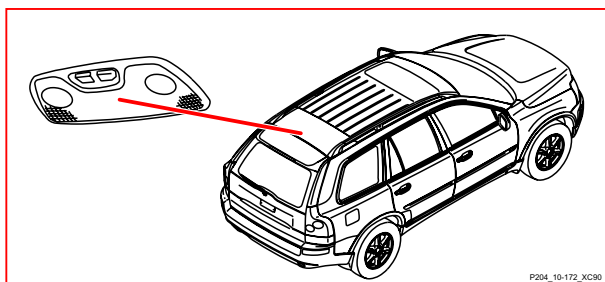
10/150 Rear reading light XC90



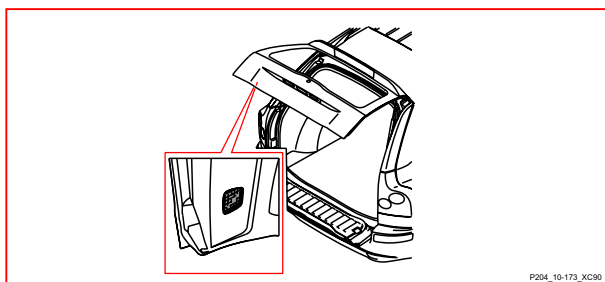
Component illustrations

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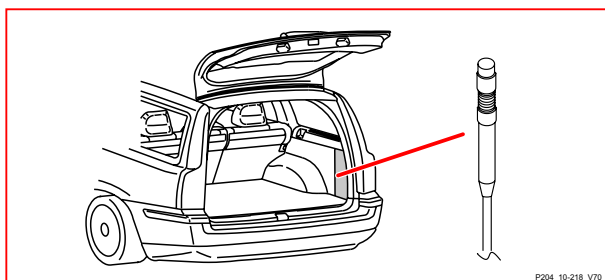
10/172 Reading light, third row of seats



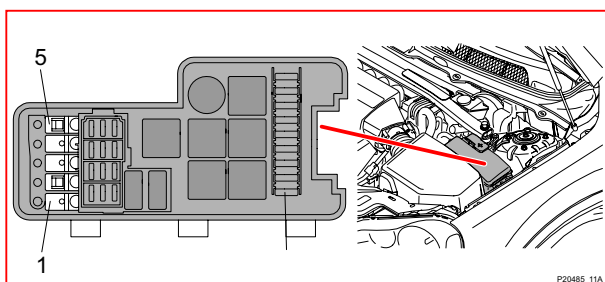
10/173 Cargo compartment lighting, tailgate



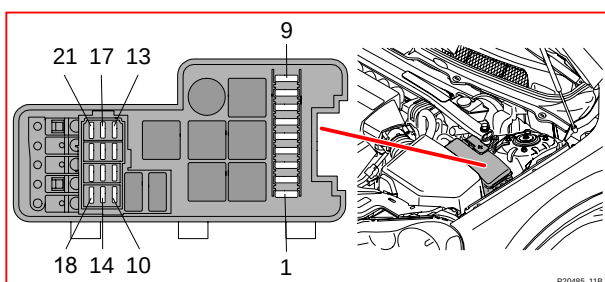
10/218 Indicator light, remote start



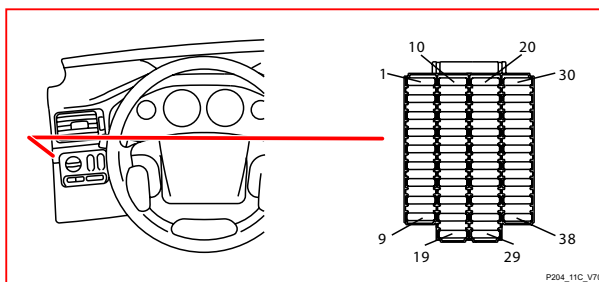
11A Main fuses in engine compartment fuse box



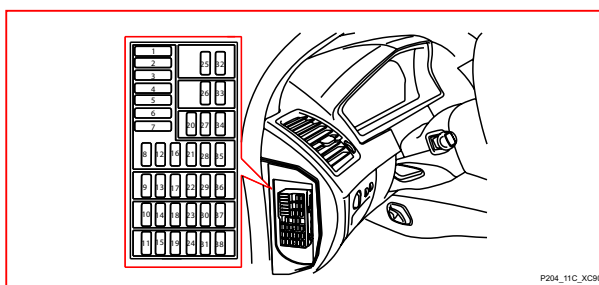
11B Fuses in engine compartment fuse box



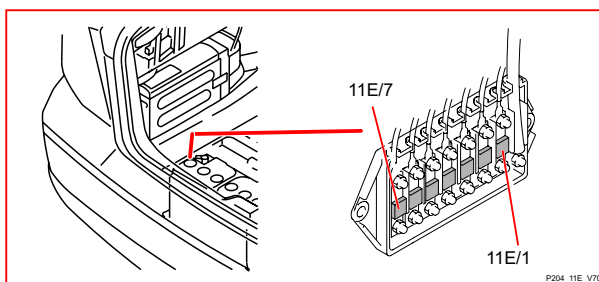
11C Fuses in the passenger compartment fuse box, V70



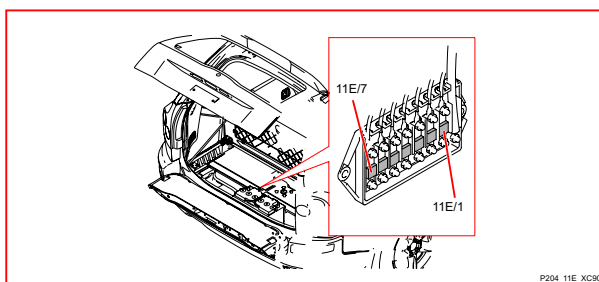
11C Fuses in the passenger compartment fuse box, XC90



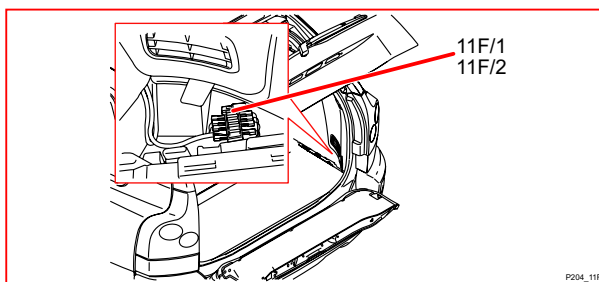
11E Main fuses at the battery V70



11E Main fuses at the battery XC90



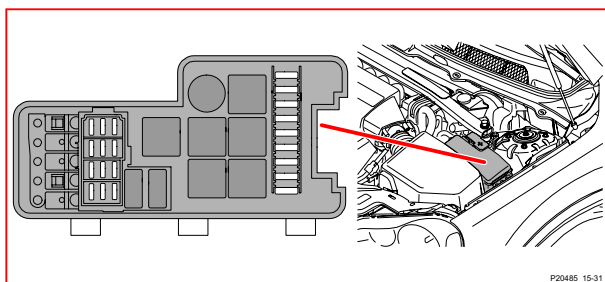
11F Fuses in cargo compartment auxiliary fuse box



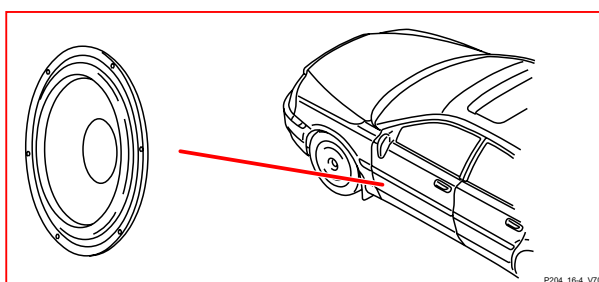
Component illustrations

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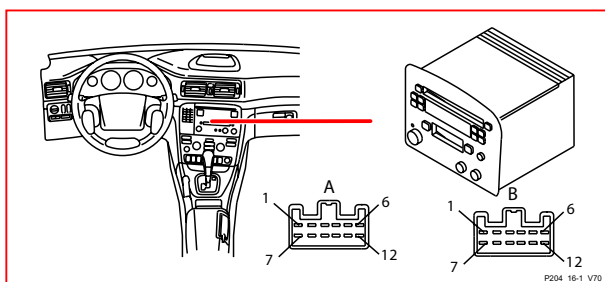
15/31 Distribution box in engine compartment



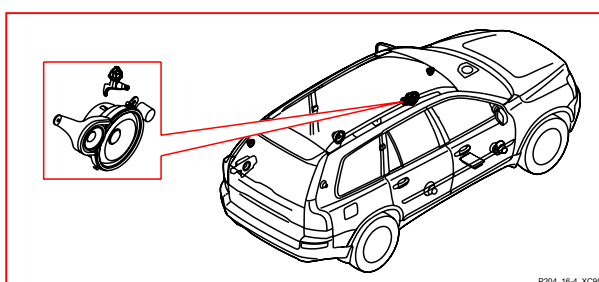
16/4 Speaker, front left door V70



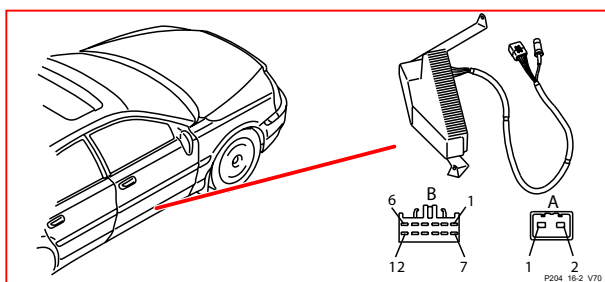
16/1 Audio Module (AUM)



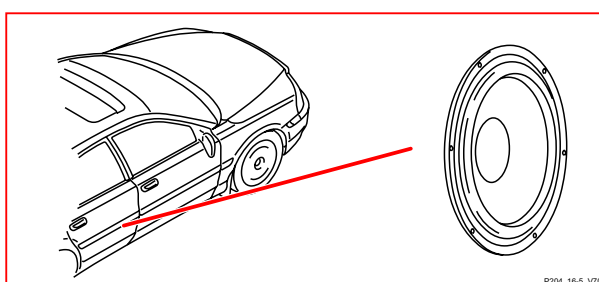
16/4 Speaker, front left door XC90



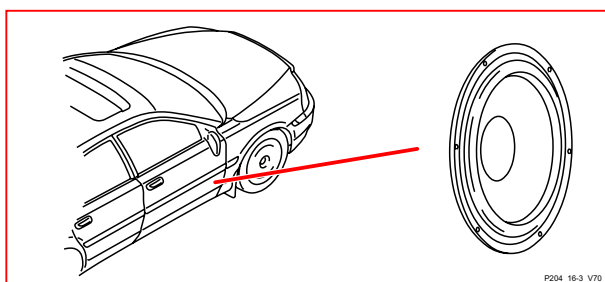
16/2 Amplifier



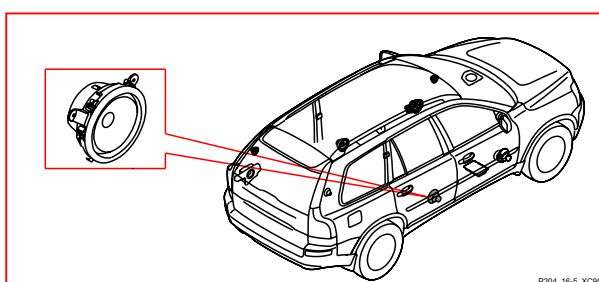
16/5 Speaker, rear right door V70



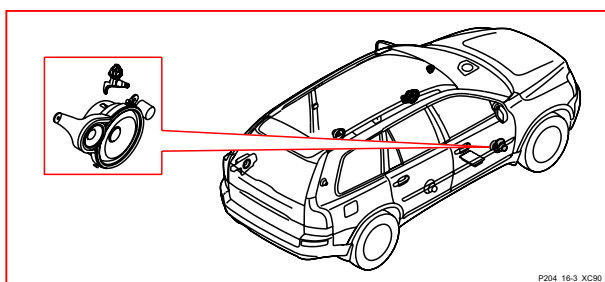
16/3 Speaker, front right door V70



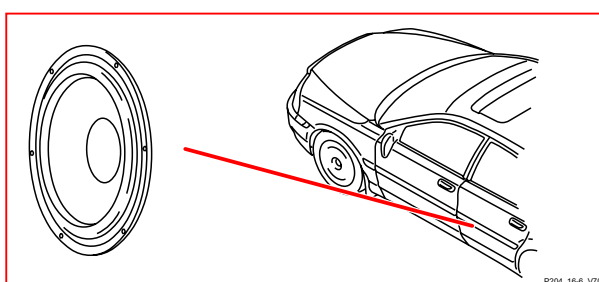
16/5 Speaker, rear right door XC90



16/3 Speaker, front right door XC90



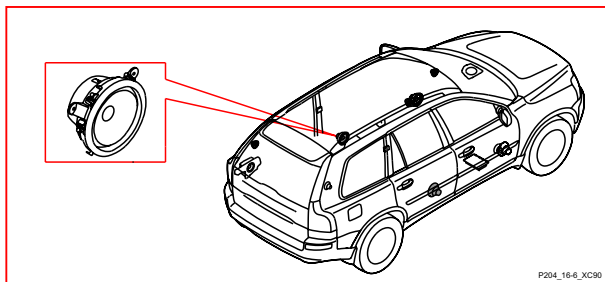
16/6 Speaker, rear left door V70



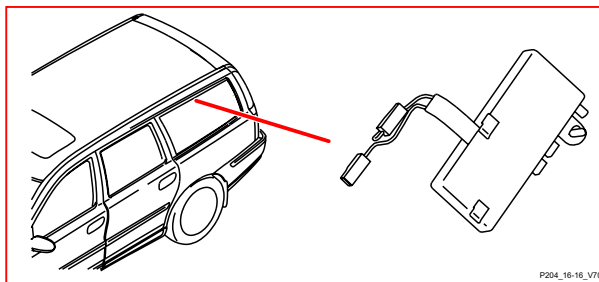
Component illustrations

16/6 XC90 - 16/35

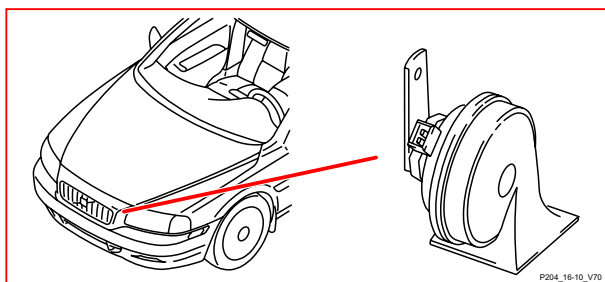
16/6 Speaker, rear left door XC90



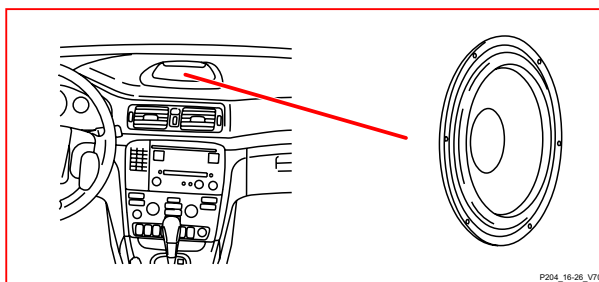
16/16 LH window antenna amplifier 1



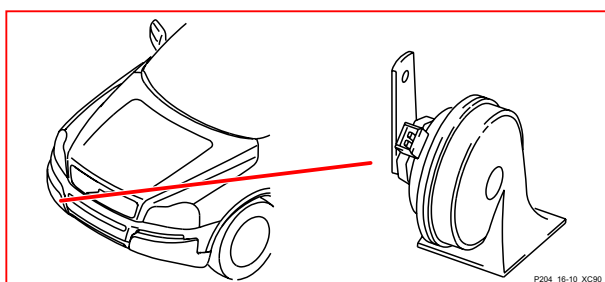
16/10 Horn 1, V70



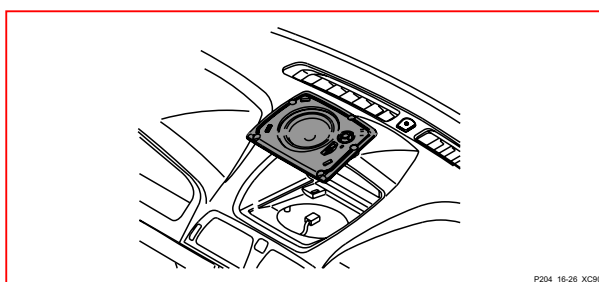
16/26 Center dashboard speaker V70



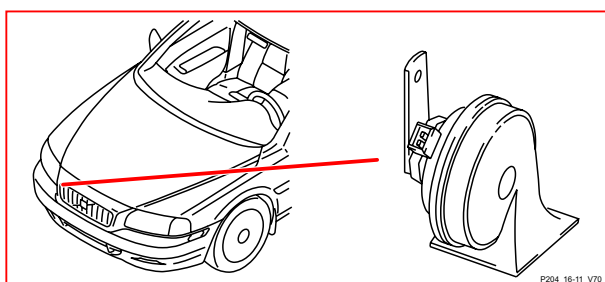
16/10 Horn 1 XC90



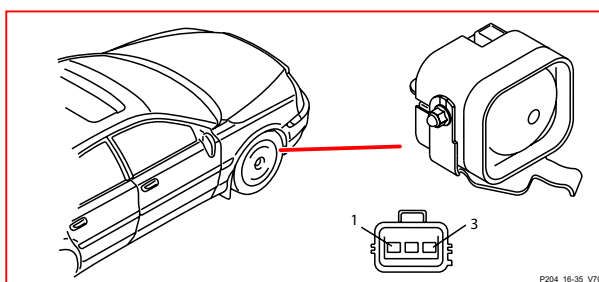
16/26 Center dashboard speaker XC90



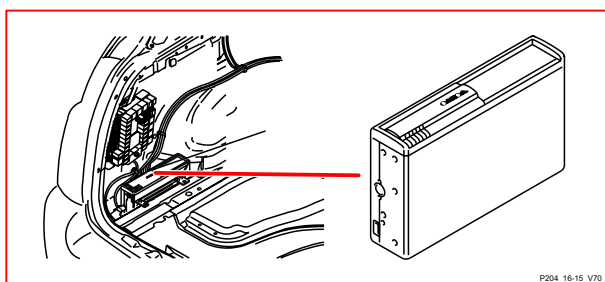
16/11 Horn 2



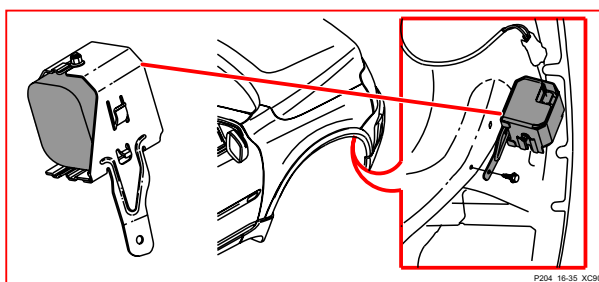
16/35 Siren (SCM) V70



16/15 CD changer



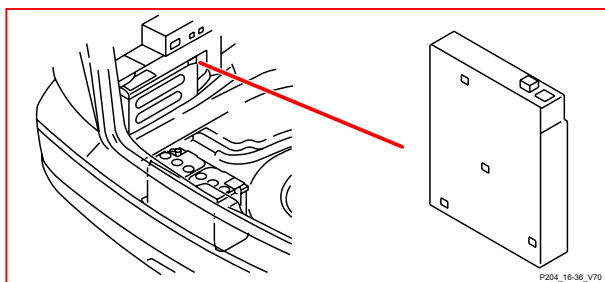
16/35 Siren (SCM) XC90



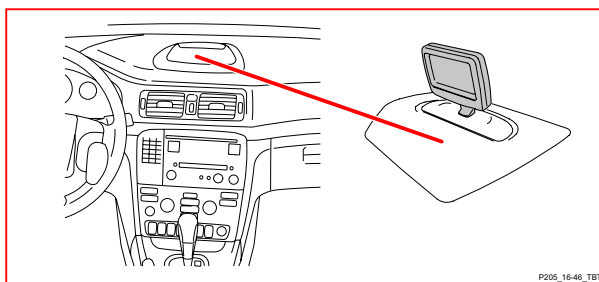
Component illustrations

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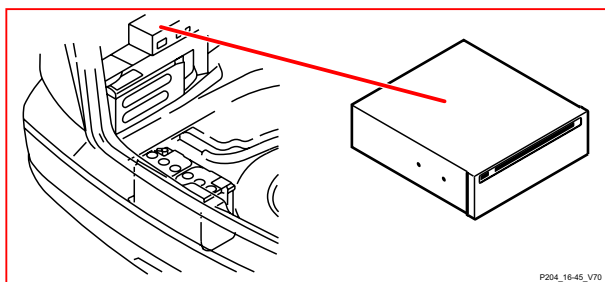
16/36 TV receiver, V70



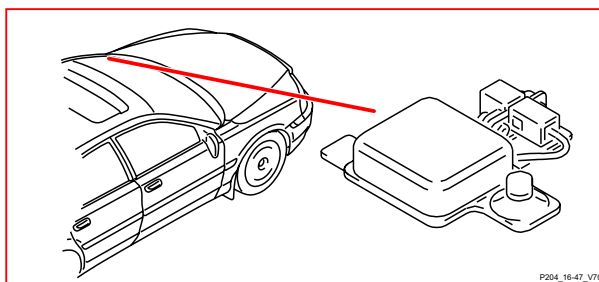
16/46 RTI display, Turn-by-Turn



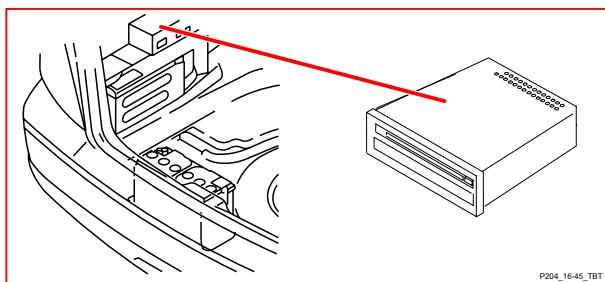
16/45 Road Traffic Information module (RTI)



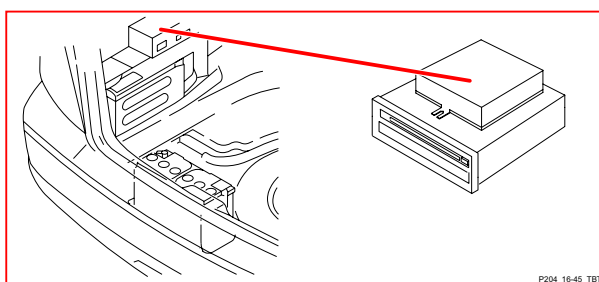
16/47 GPS antenna, RTI



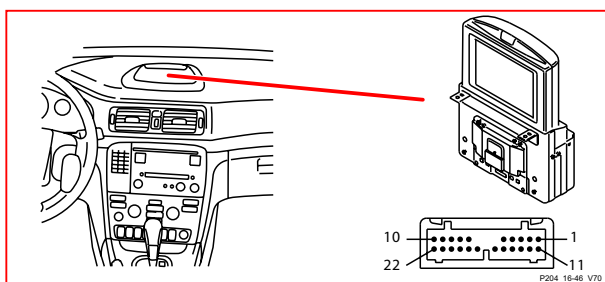
16/45 Traffic information module, Turn-by-Turn



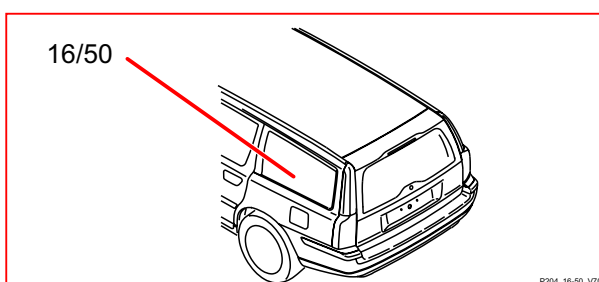
16/49 Traffic Message Channel module



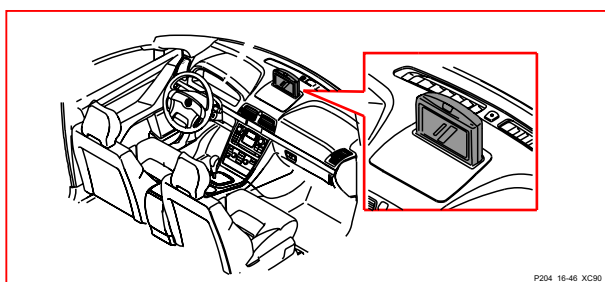
16/46 RTI display, V70



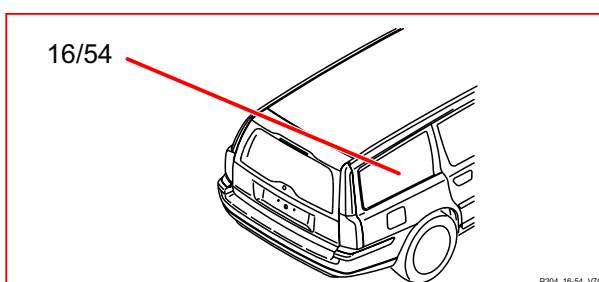
16/50 Left-hand rear window antenna



16/46 Multimedia display, XC90



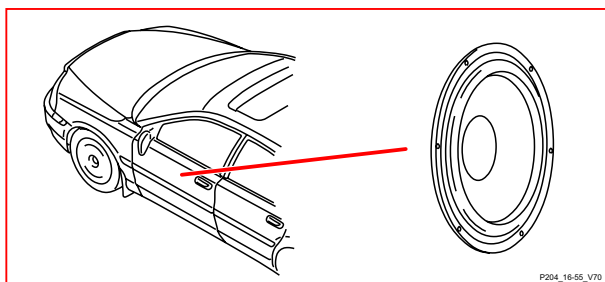
16/54 Right-hand rear window antenna



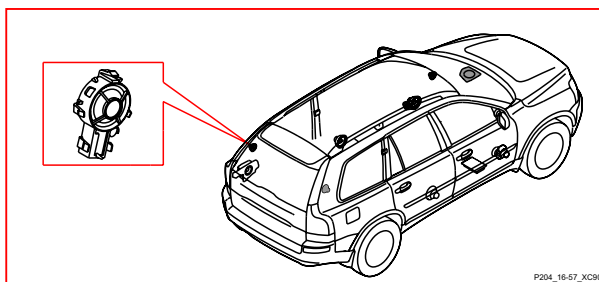
Component illustrations

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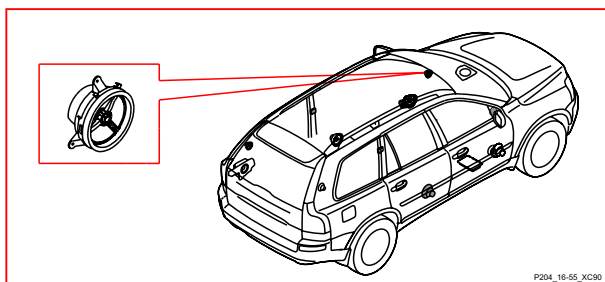
16/55 Treble speaker, front left door V70



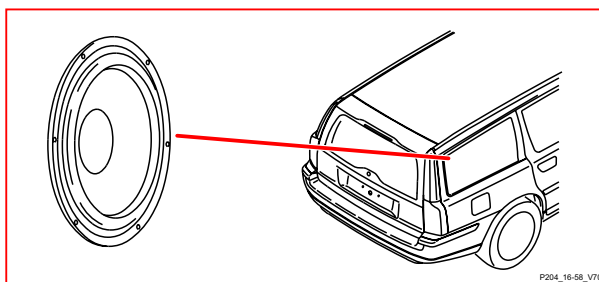
16/57 Speaker, left D-pillar XC90



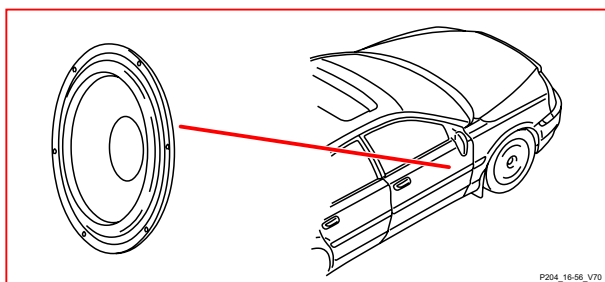
16/55 Treble speaker, front left door XC90



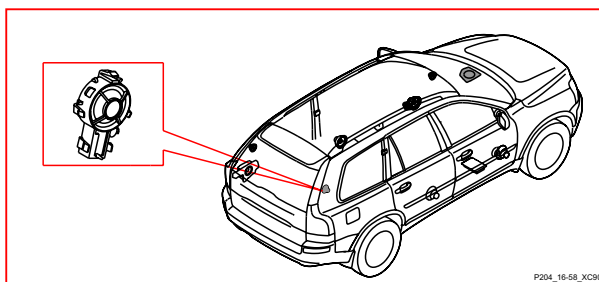
16/58 Speaker, right D-pillar V70



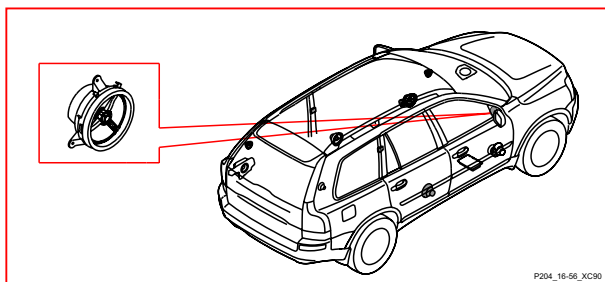
16/56 Treble speaker, front right door V70



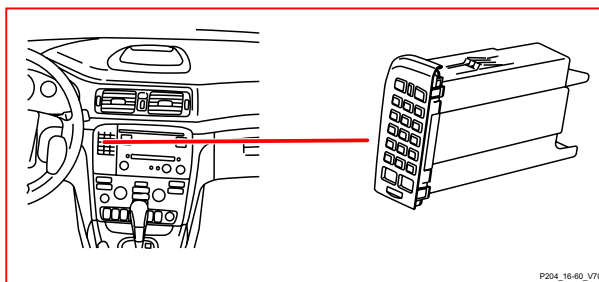
16/58 Speaker, right D-pillar XC90



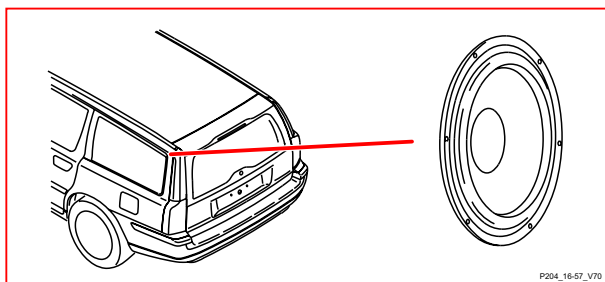
16/56 Treble speaker, front right door XC90



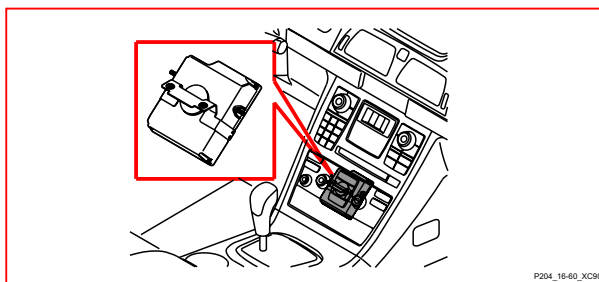
16/60 Phone Module (PHM) V70



16/57 Speaker, left D-pillar V70



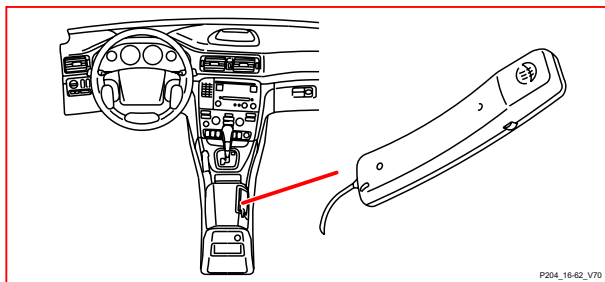
16/60 Phone Module (PHM) XC90



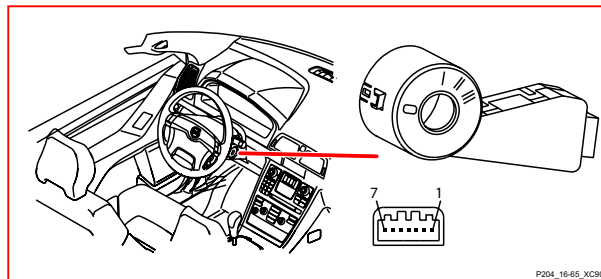
Component illustrations

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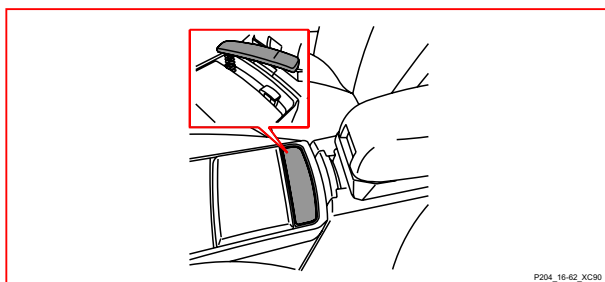
16/62 Hand unit, cellular phone V70



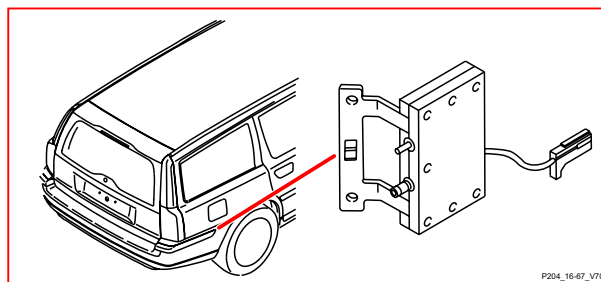
16/65 Antenna ring/ignition switch lighting XC90



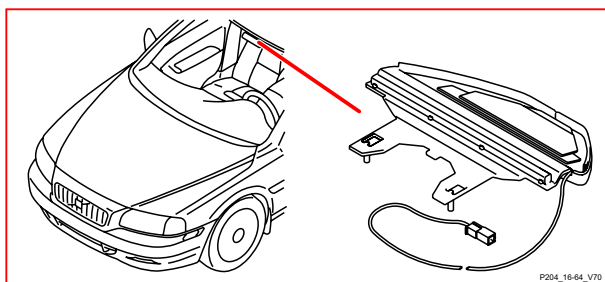
16/62 Hand unit, cellular phone XC90



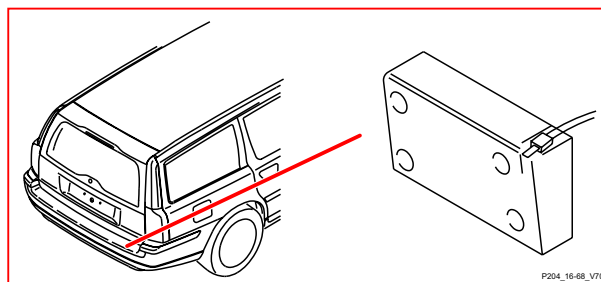
16/67 Amplifier antenna, bumper



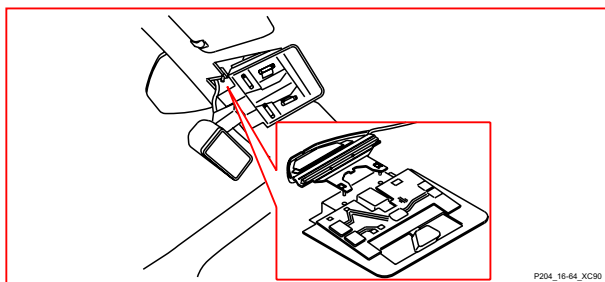
16/64 Antenna, cellular phone V70



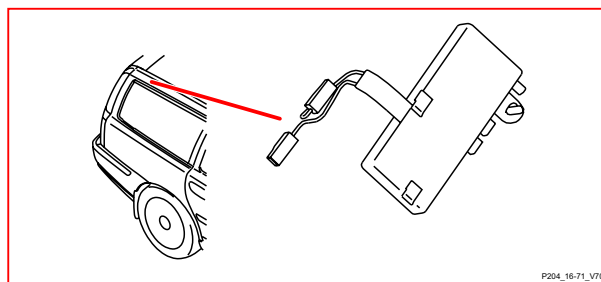
16/68 Antenna, bumper



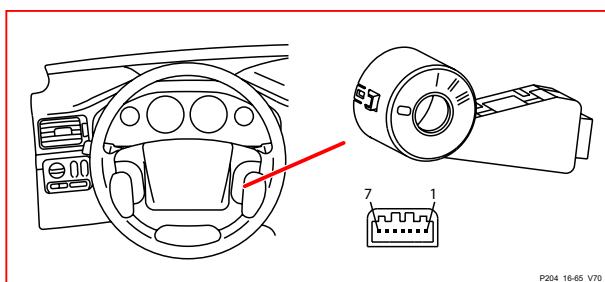
16/64 Antenna, cellular phone XC90



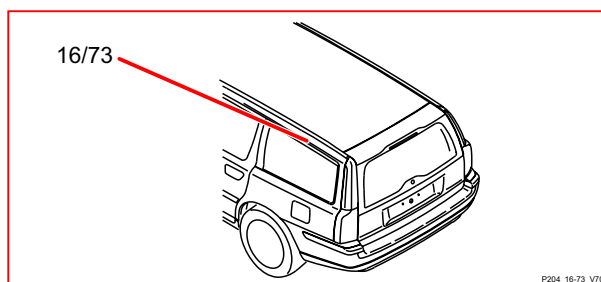
16/71 Window antenna amplifier 1, right



16/65 Antenna ring/ignition switch lighting V70



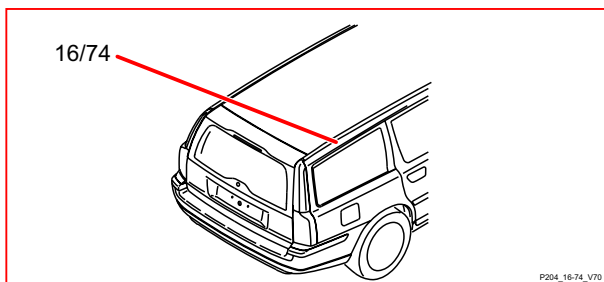
16/73 Window antenna amplifier 2, left



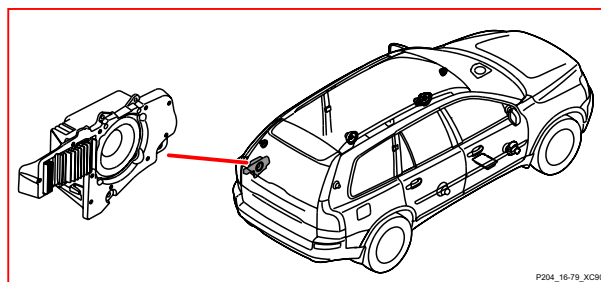
Component illustrations

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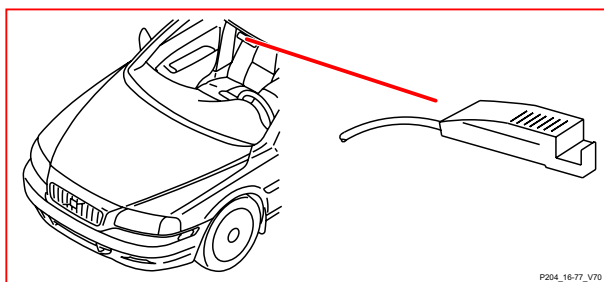
16/74 Window antenna amplifier 2, right



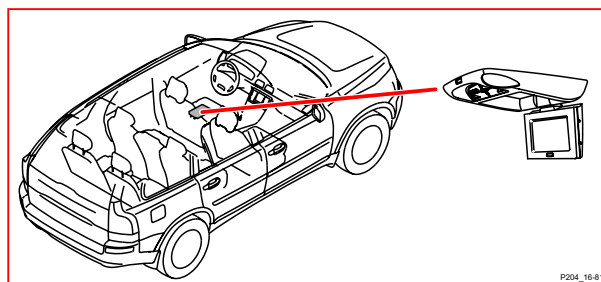
16/79 Subwoofer Module (SUB), XC90



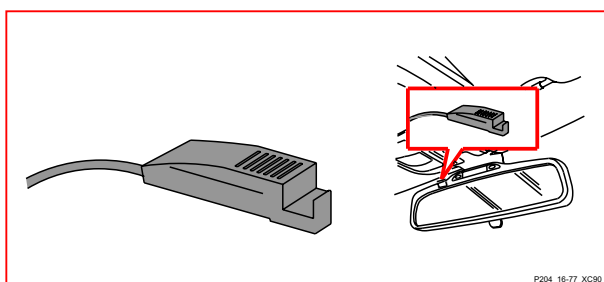
16/77 Microphone, cellular phone V70



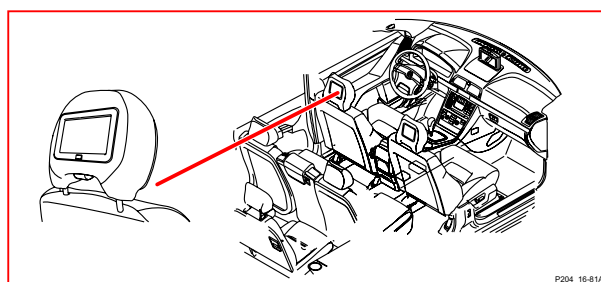
16/81 Screen, accessory



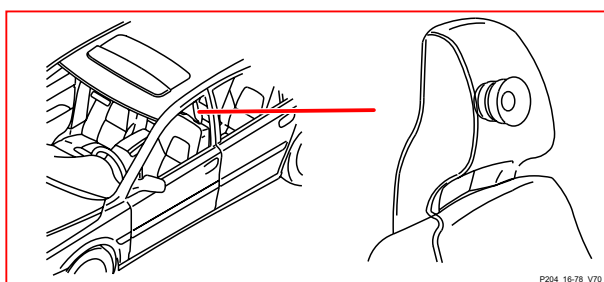
16/77 Microphone, cellular phone XC90



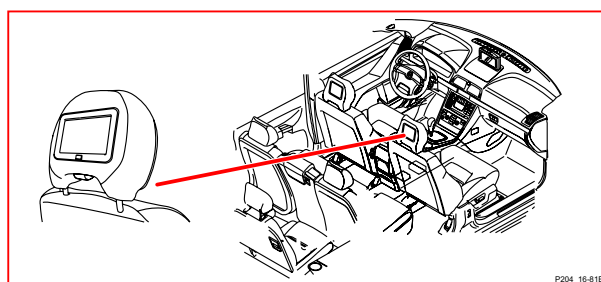
16/81A Screen, LH head restraint



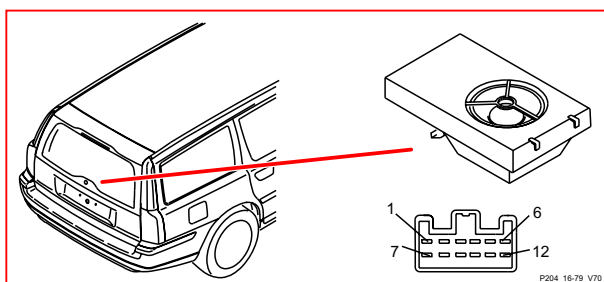
16/78 Speaker, cellular phone



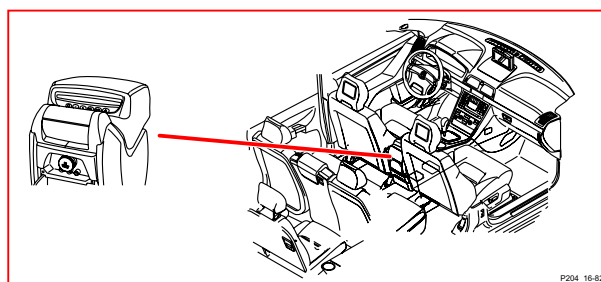
16/81B Screen, RH head restraint



16/79 Subwoofer, V70



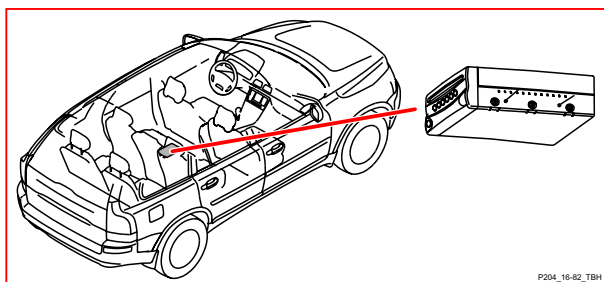
16/82 DVD-player



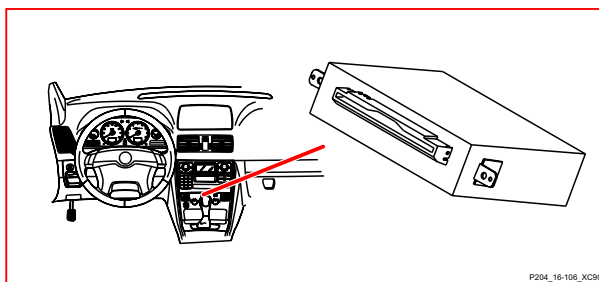
Component illustrations

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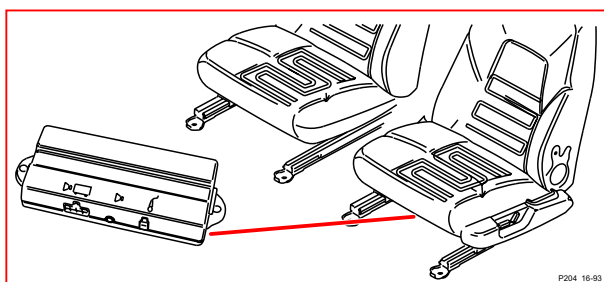
16/82 DVD-player accessory



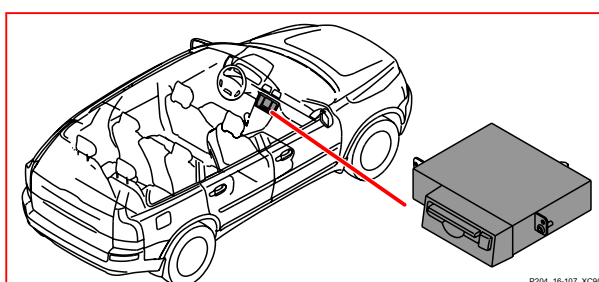
16/106 CD Player Module (MP2)



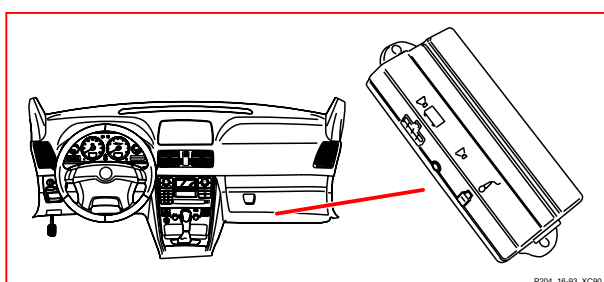
16/93 Control module, cellular phone handsfree, V70



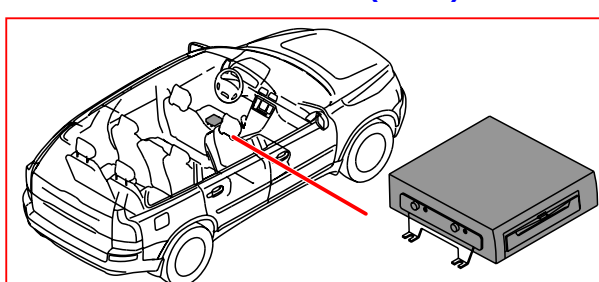
16/107 MD Player Module (MP1)



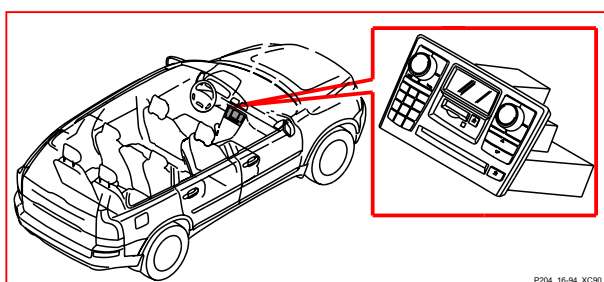
16/93 Control module, cellular phone handsfree XC90



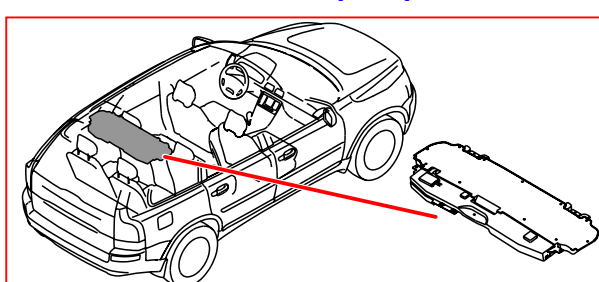
16/108 Multimedia Module (MMM)



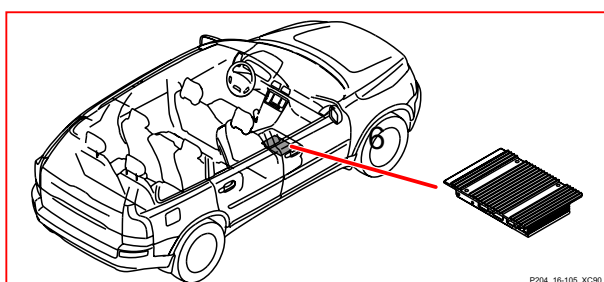
16/94 Infotainment Control Module (ICM)



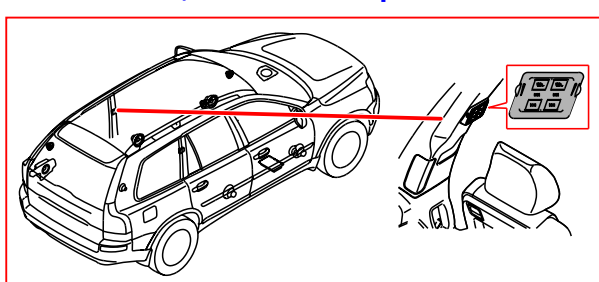
16/110 Antenna module (ATM)



16/105 Audio Module (AUD)



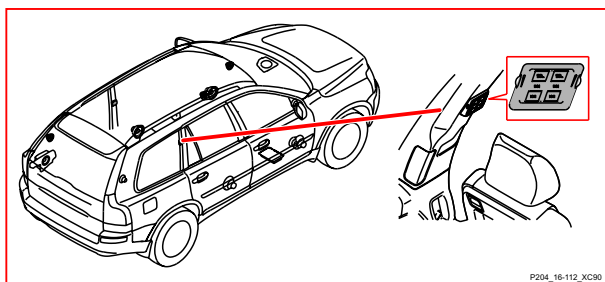
16/111 Outlet, rear left headphones



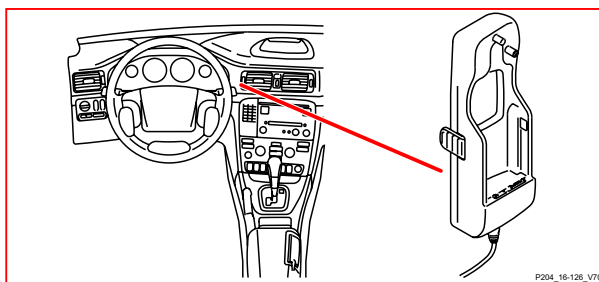
Component illustrations

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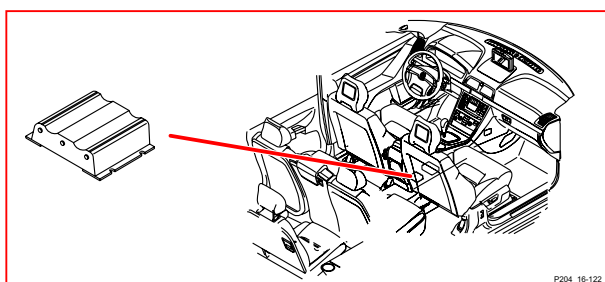
16/112 Outlet, rear right headphones



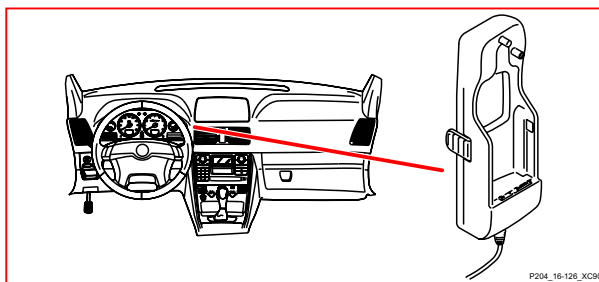
16/126 Holder, cellular phone handsfree V70



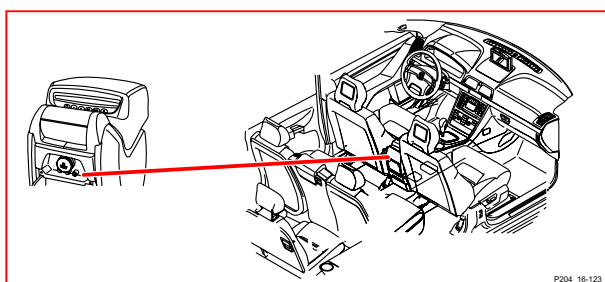
16/122 Rear Audio Separation module (RAS)



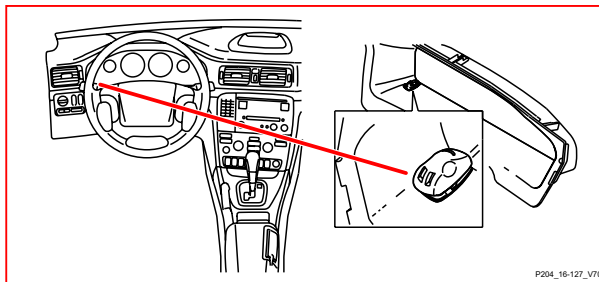
16/126 Holder, cellular phone handsfree XC90



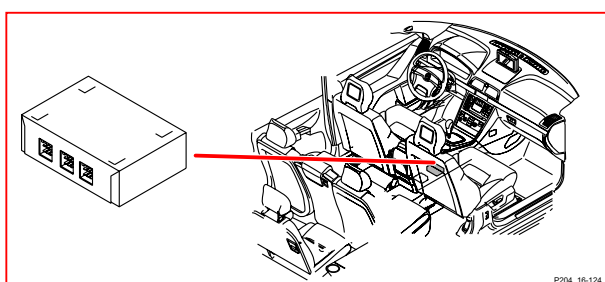
16/123 External equipment outlet (AUX)



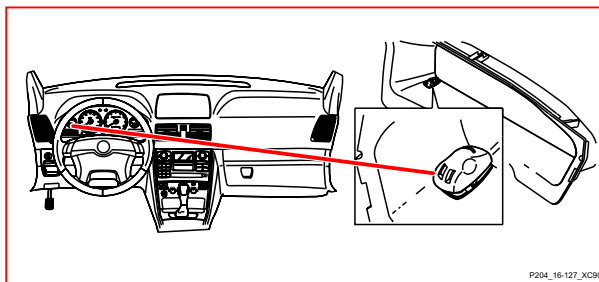
16/127 Microphone, cellular phone handsfree V70



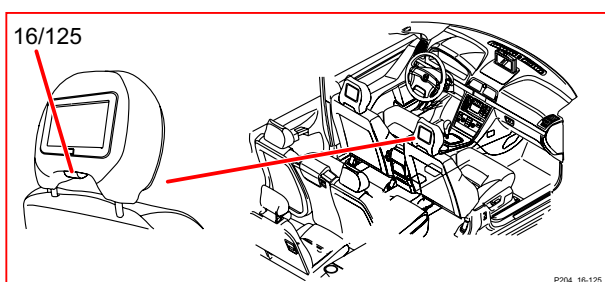
16/124 Rear Seat Entertainment module (RSE)



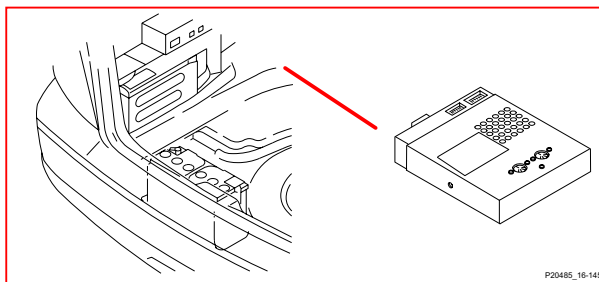
16/127 Microphone, cellular phone handsfree XC90



16/125 IR transmitter

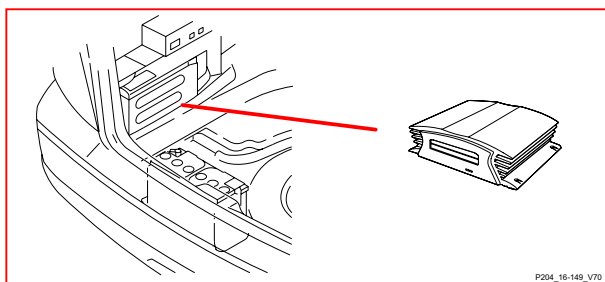


16/145 Satellite radio receiver

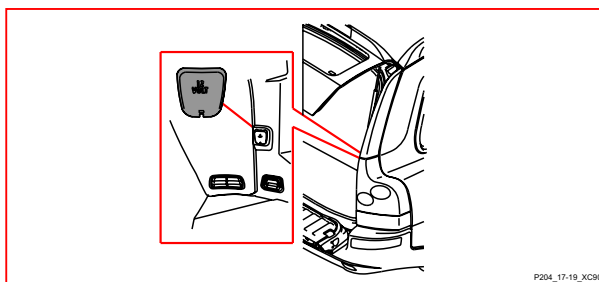


Component illustrations 17/19 - 18/4

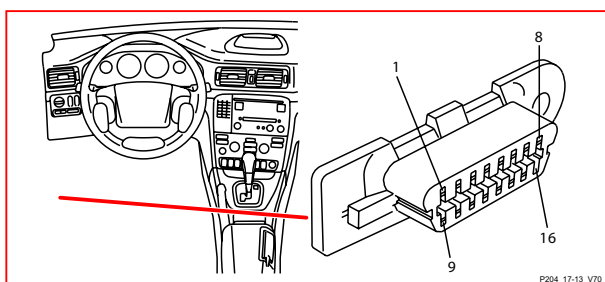
16/149 MP3 player



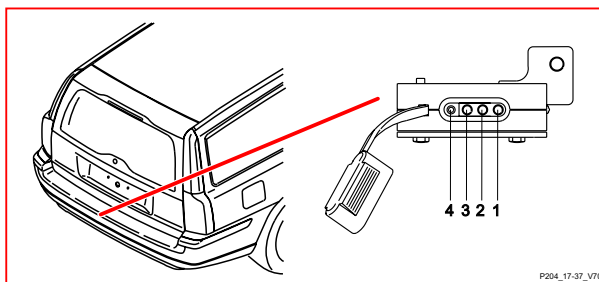
17/19 12V outlet, cargo compartment XC90



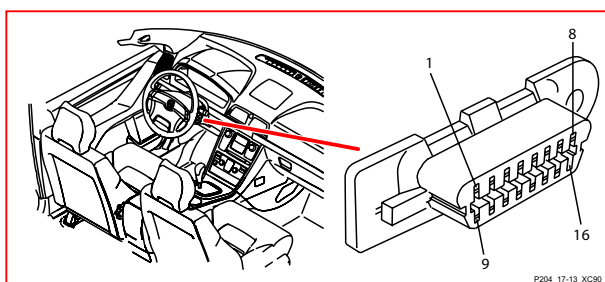
17/13 Data link connector V70



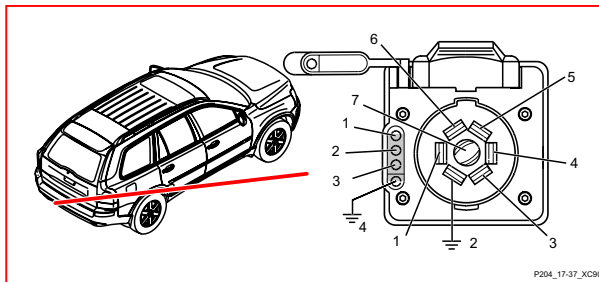
17/37 4-pin outlet, tow hitch cable harness V70



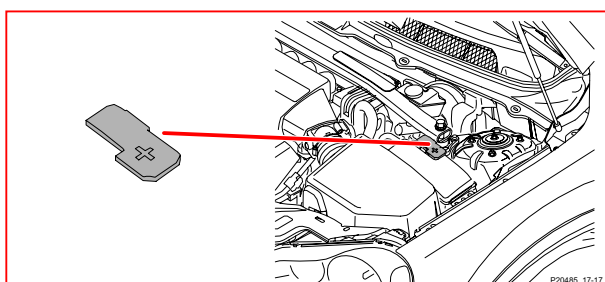
17/13 Data link connector XC90



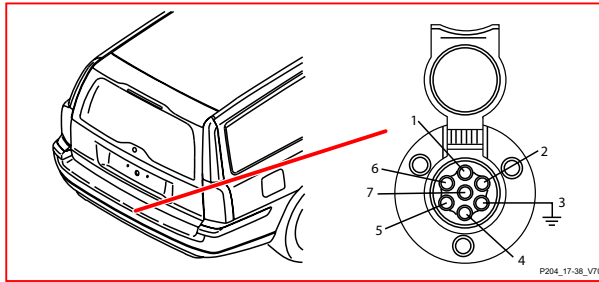
17/37 4-pin outlet, tow hitch cable harness XC90



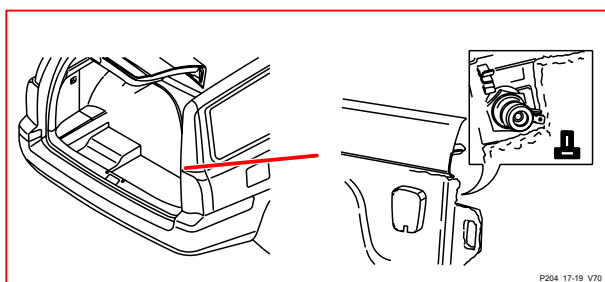
17/17 Jump start connection



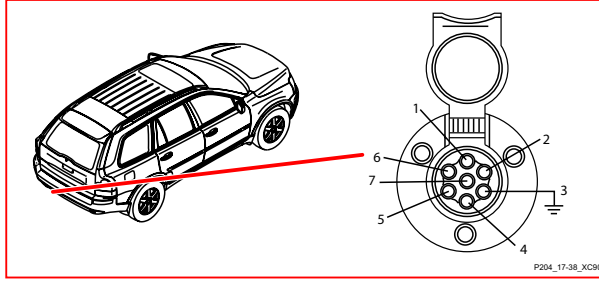
17/38 7-pin outlet, tow hitch cable harness, V70



17/19 12V outlet, cargo compartment V70



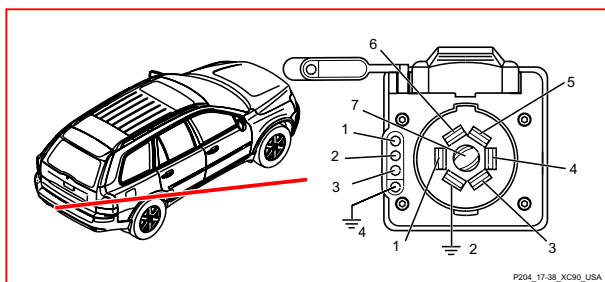
17/38 7-pin outlet, tow hitch cable harness, XC90 EU/OS



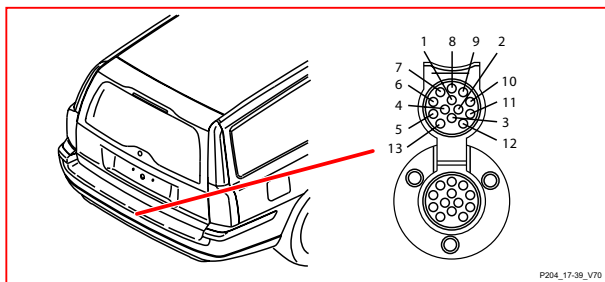
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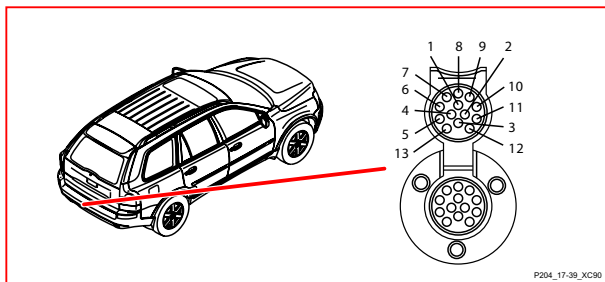
17/38 7-pin outlet, tow hitch cable harness, XC90 USA



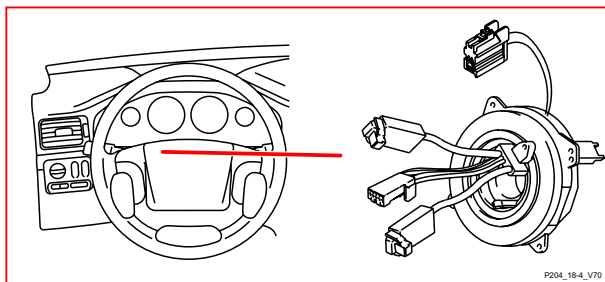
17/39 13-pin outlet, tow hitch cable harness V70



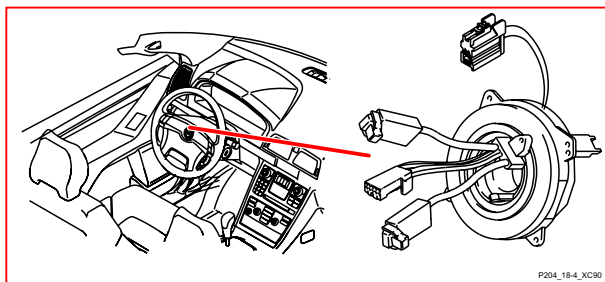
17/39 13-pin outlet, tow hitch cable harness XC90



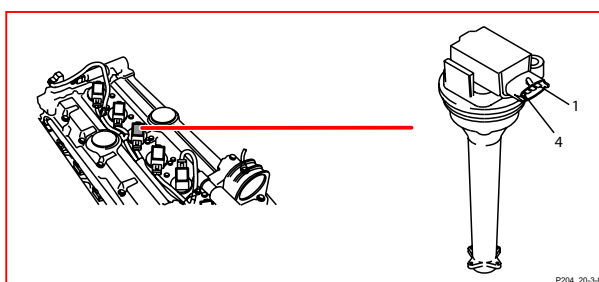
18/4 Contact reel V70



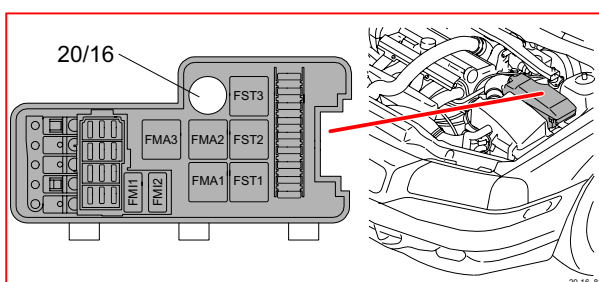
18/4 Contact reel XC90



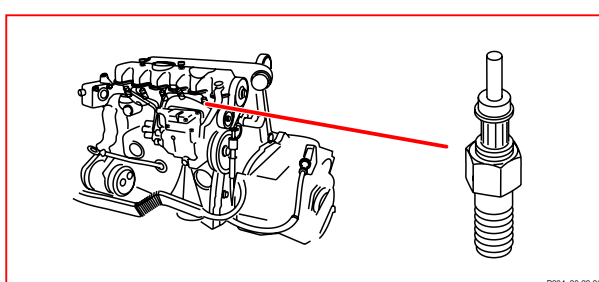
20/3-8 Spark plug and ignition coil



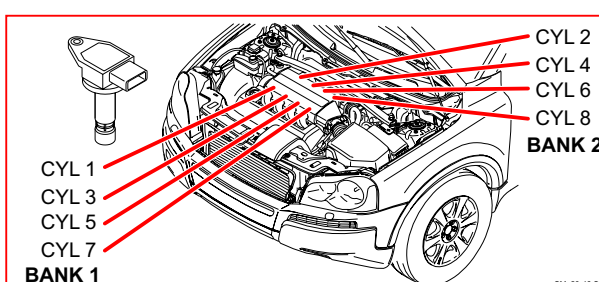
20/16 Capacitor



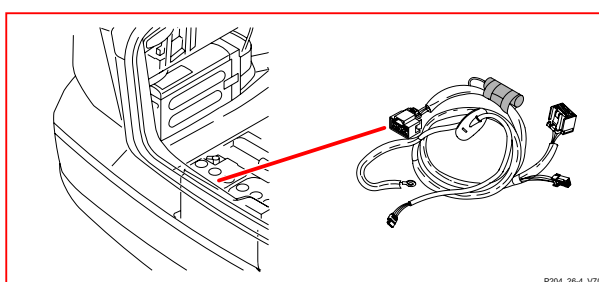
20/22-26 Glow plug



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



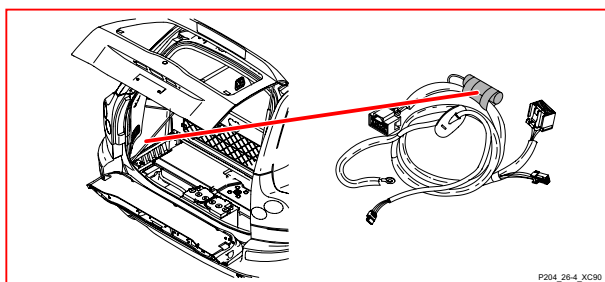
26/4 Converter, tow hitch cable harness V70



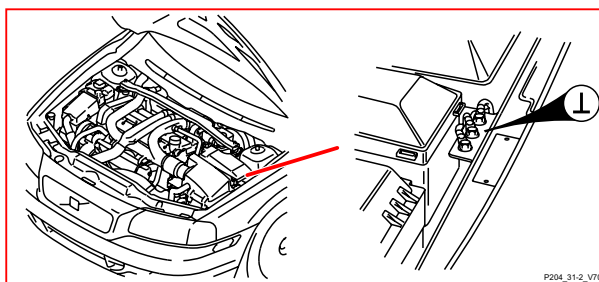
Component illustrations

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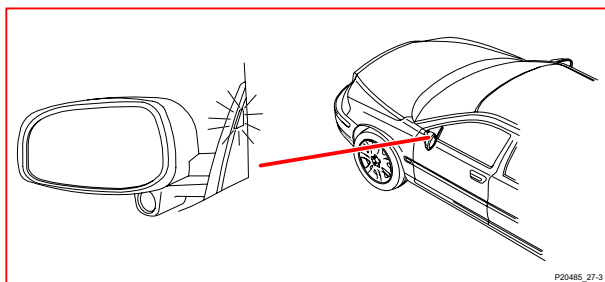
26/4 Converter, tow hitch cable harness XC90



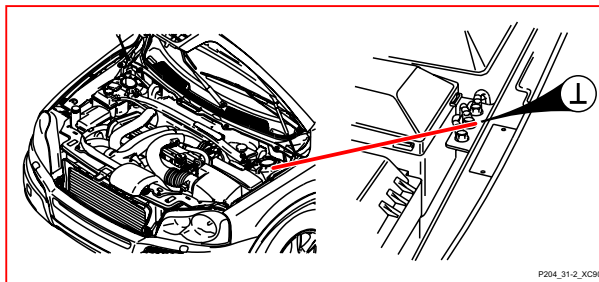
31/2 Ground connection, left MacPherson strut tower, V70



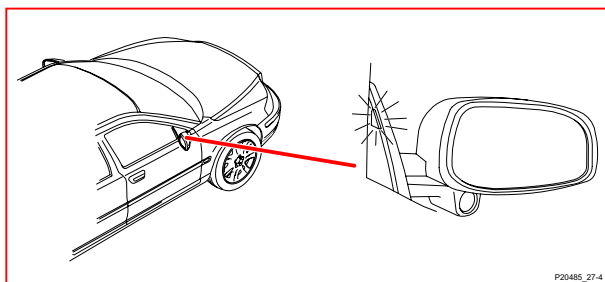
27/3 Left Camera Module (LCM)



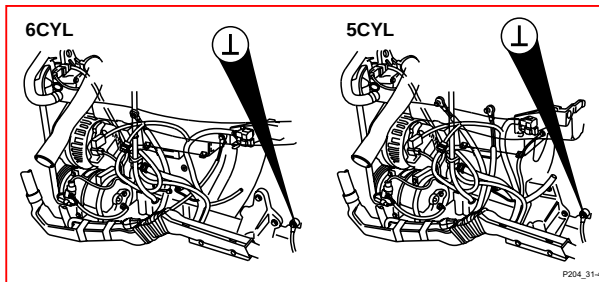
31/2 Ground connection, left MacPherson strut tower, XC90



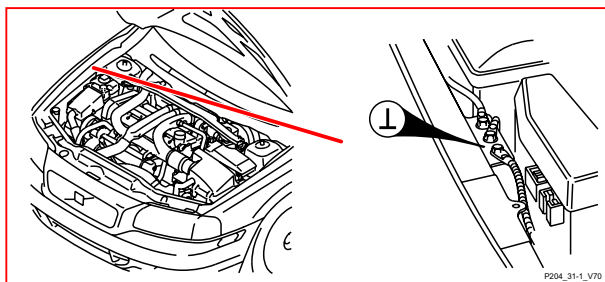
27/4 Right Camera Module (RCM)



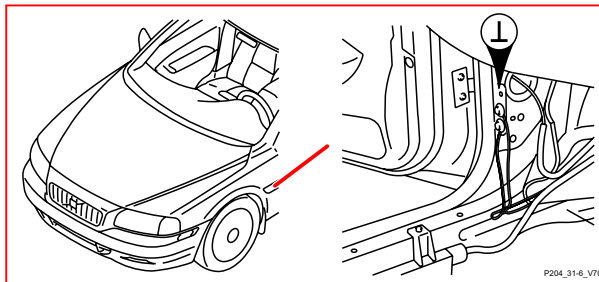
31/4 Ground connection, engine



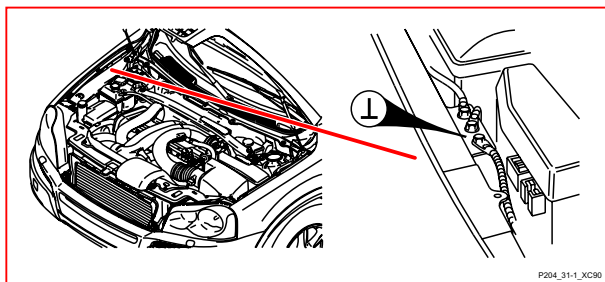
31/1 Ground connection, right MacPherson strut tower, V70



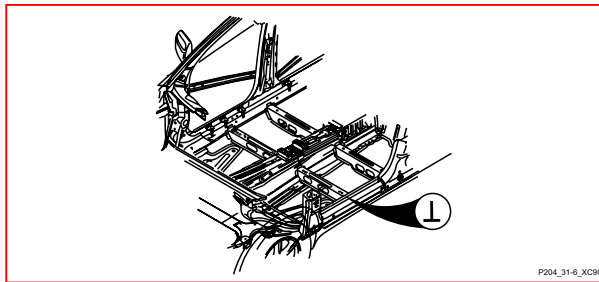
31/6 Ground connection, A-pillar, left side V70



31/1 Ground connection, right MacPherson strut tower, XC90



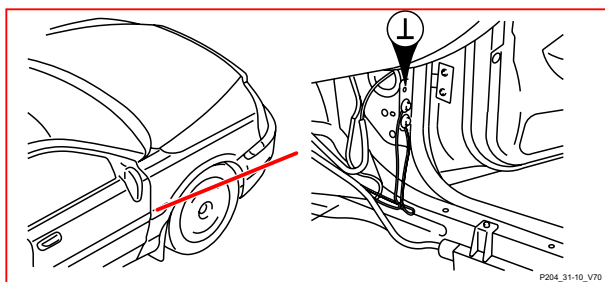
31/6 Ground connection, A-pillar, left side XC90



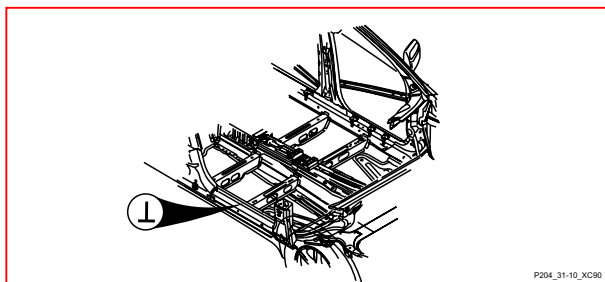
Component illustrations

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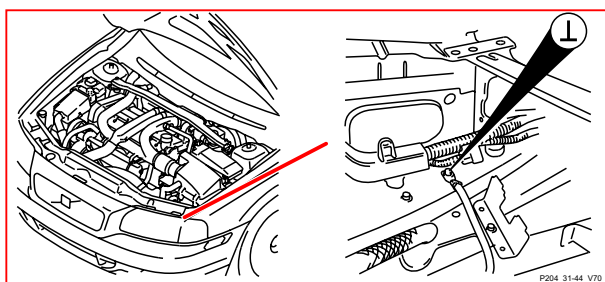
31/10 Ground connection, A-pillar, right side V70



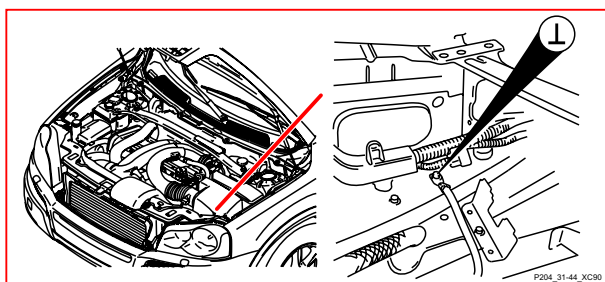
31/10 Ground connection, A-pillar, right side XC90



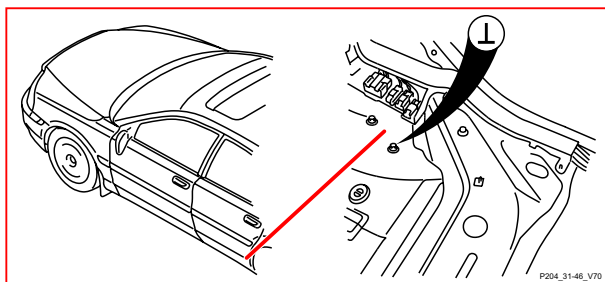
31/44 Ground connection, left-hand side member, lower engine compartment V70



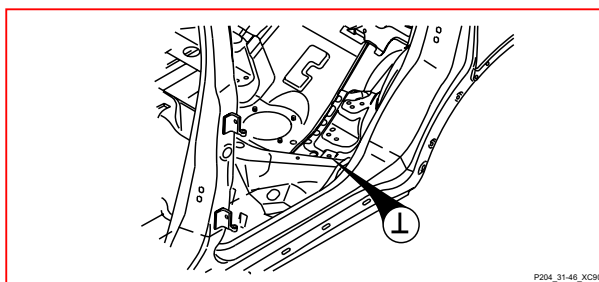
31/44 Ground connection, left-hand side member, lower engine compartment XC90



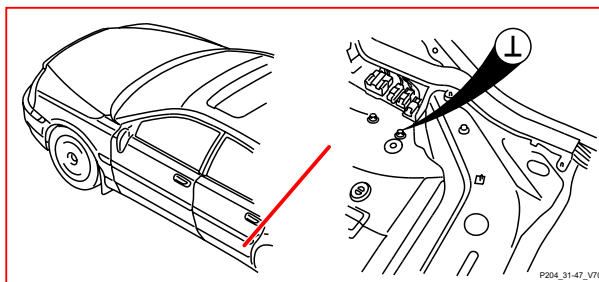
31/46 Ground connection, rear left seat riser V70



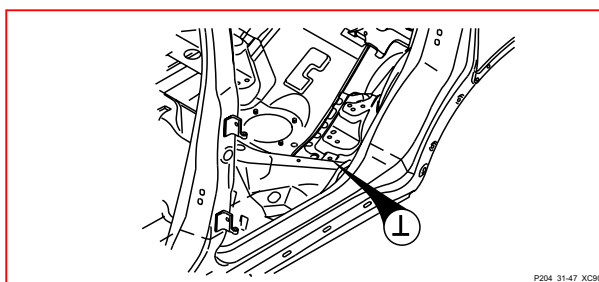
31/46 Ground connection, rear left seat riser XC90



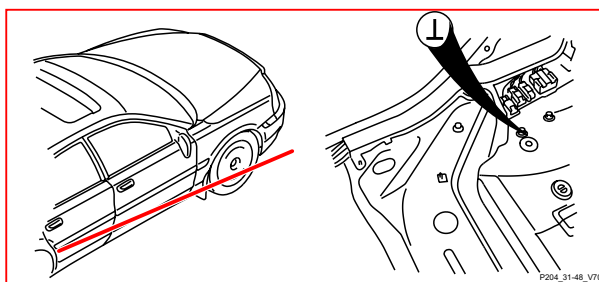
31/47 Ground connection, rear left seat riser V70



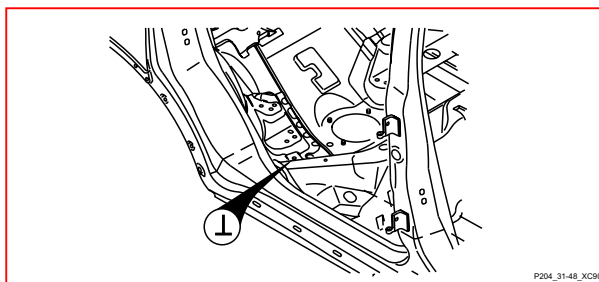
31/47 Ground connection, rear left seat riser XC90



31/48 Ground connection, rear right seat riser V70



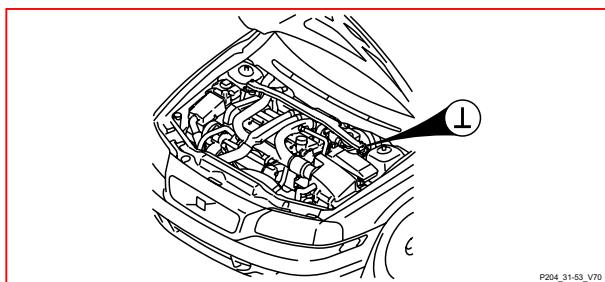
31/48 Ground connection, rear right seat riser XC90



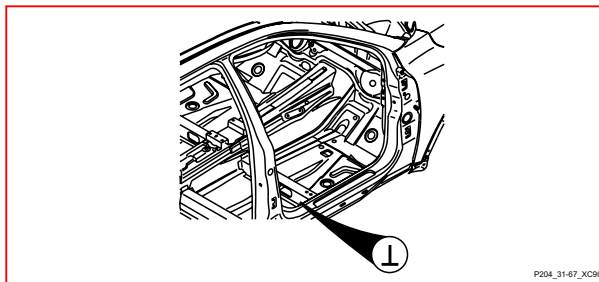
Component illustrations

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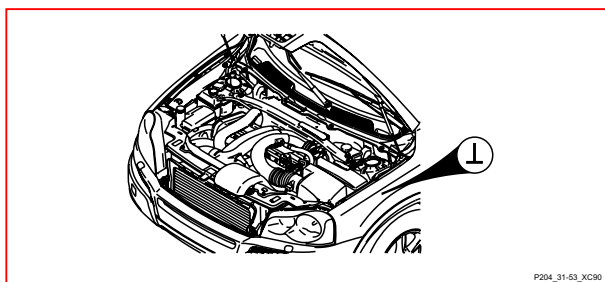
31/53 Ground connection, firewall, V70



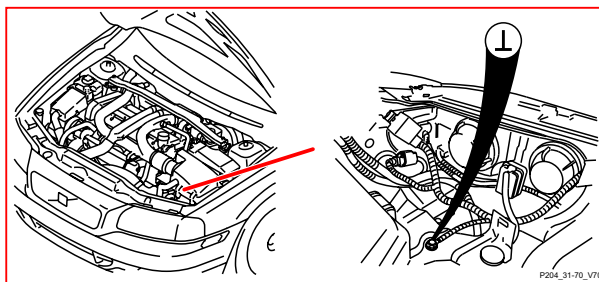
31/67 Ground connection, front seat riser, right-hand side XC90



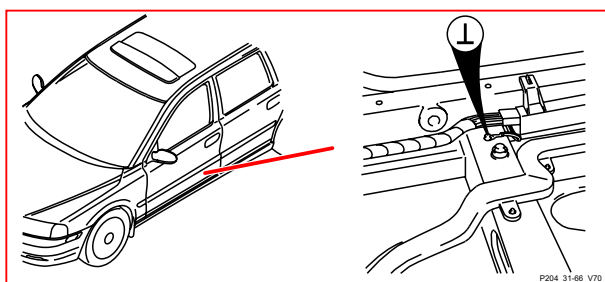
31/53 Ground connection, firewall XC90



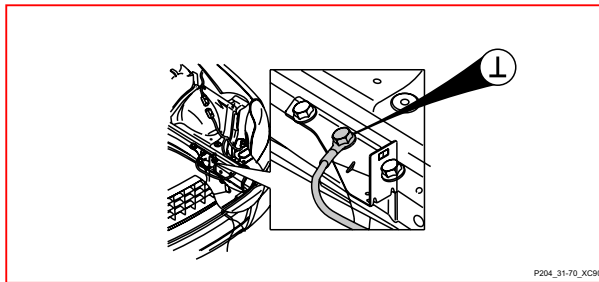
31/70 Ground connection, left-hand side member, lower engine compartment V70



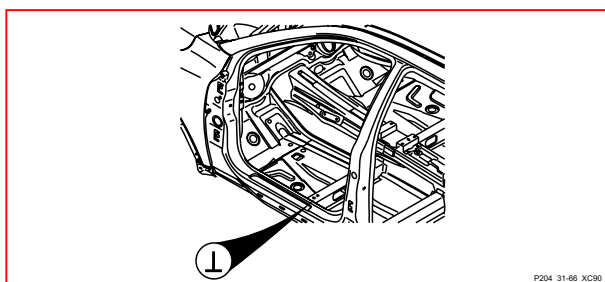
31/66 Ground connection, front seat riser, left-hand side V70



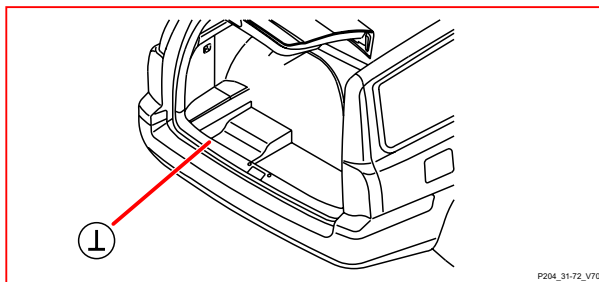
31/70 Ground connection, left-hand side member, lower engine compartment XC90



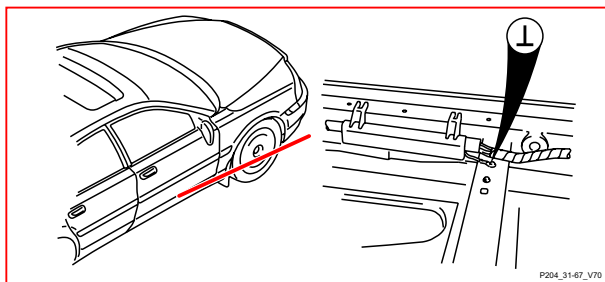
31/66 Ground connection, front seat riser, left-hand side XC90



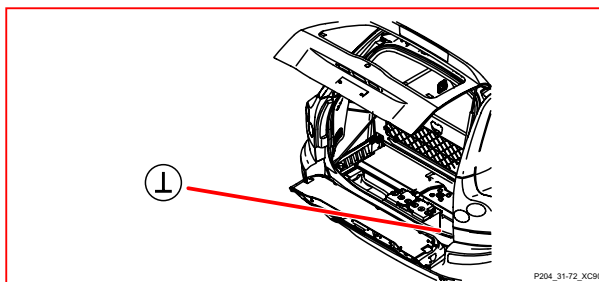
31/72 Ground connection, cargo compartment V70



31/67 Ground connection, front seat riser, right-hand side V70



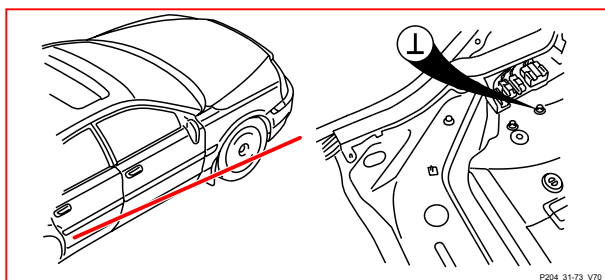
31/72 Ground connection, cargo compartment XC90



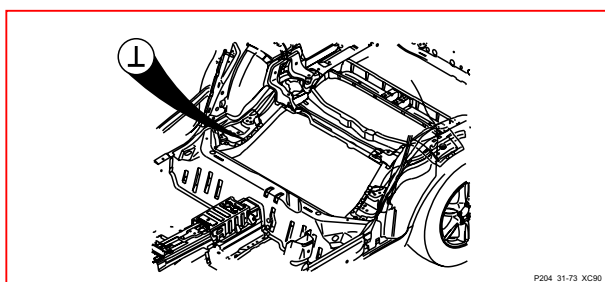
Component illustrations

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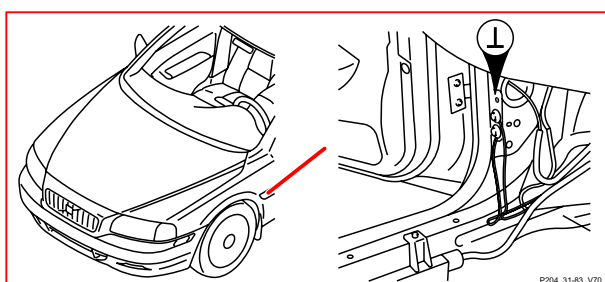
31/73 Ground connection, rear right seat riser V70



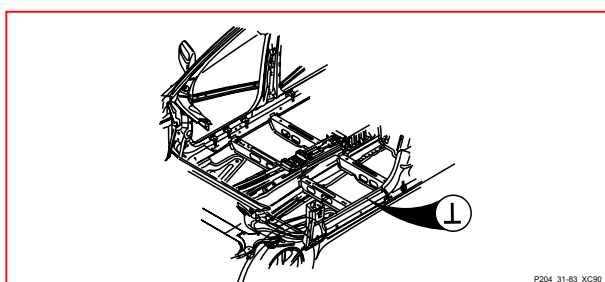
31/73 Ground connection, rear right seat riser XC90



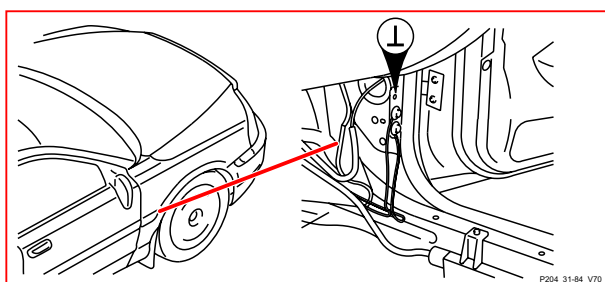
31/83 Ground connection, A-pillar, left side V70



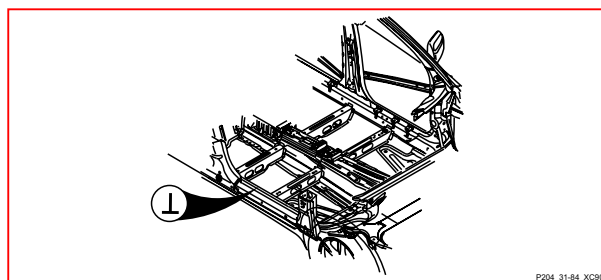
31/83 Ground connection, A-pillar, left side XC90



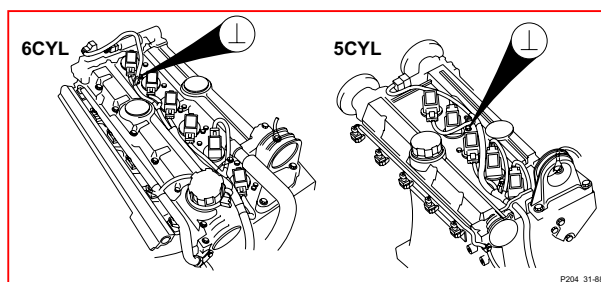
31/84 Ground connection, A-pillar, right side V70



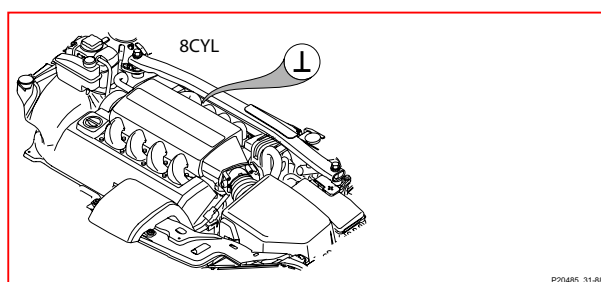
31/84 Ground connection, A-pillar, right side XC90



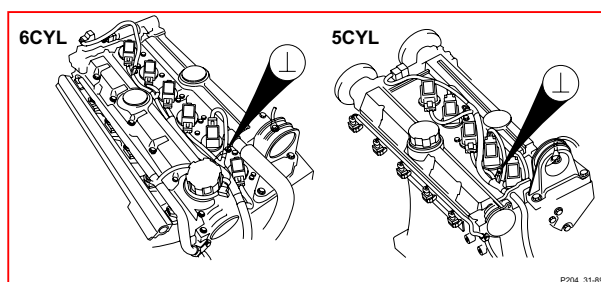
31/88 Ground connection, engine ignition coils, group 1



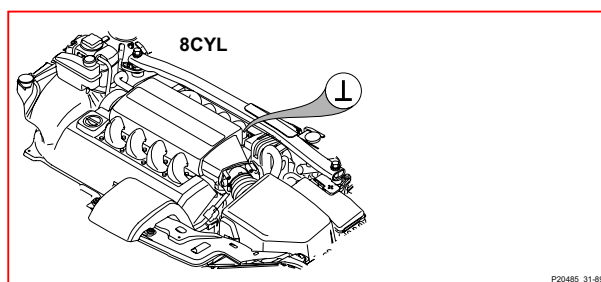
31/88 Ground connection, engine ignition coils, 8-cyl.



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



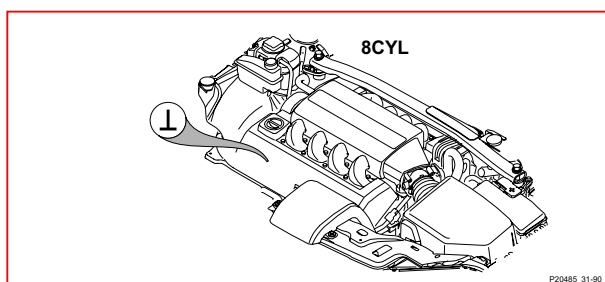
31/89 Ground connection, engine ignition coils, 8-cyl.



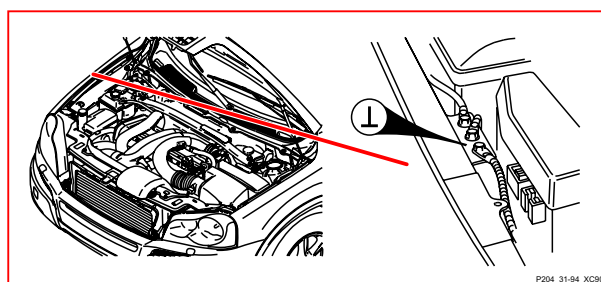
Component illustrations

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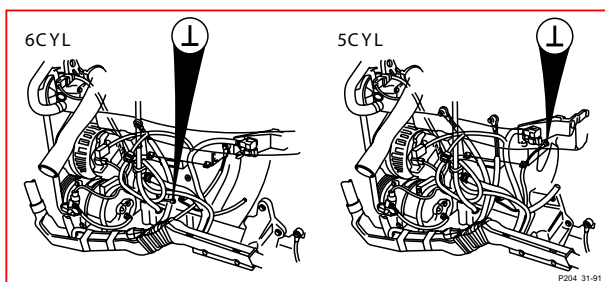
31/90 Ground connection, engine ignition coils, 8-cyl.



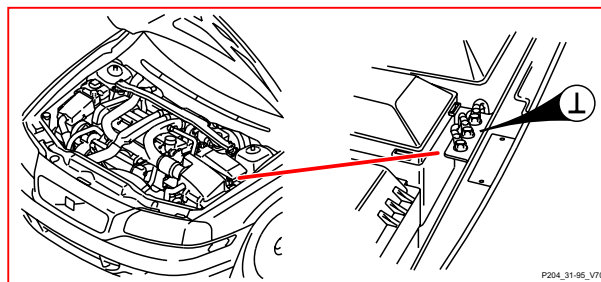
31/94 Ground connection, right MacPherson strut tower, XC90



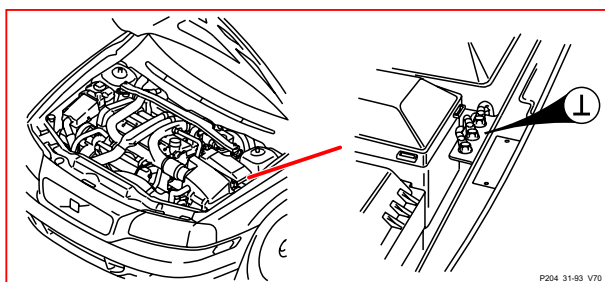
31/91 Ground connection, engine



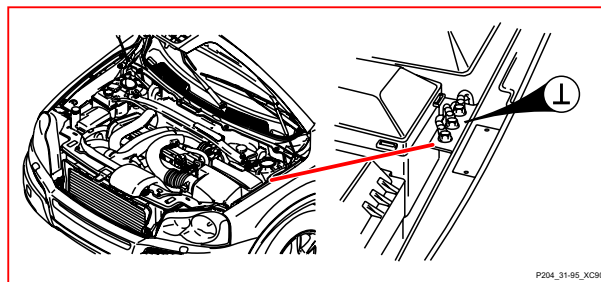
31/95 Ground connection, left MacPherson strut tower, V70



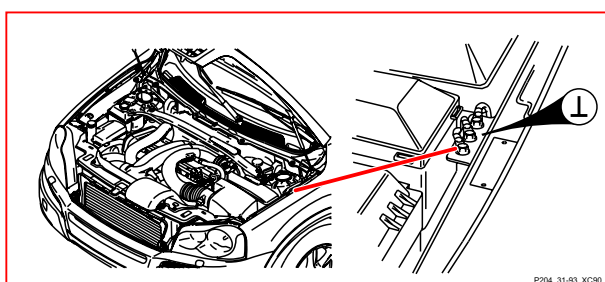
31/93 Ground connection, left MacPherson strut tower, V70



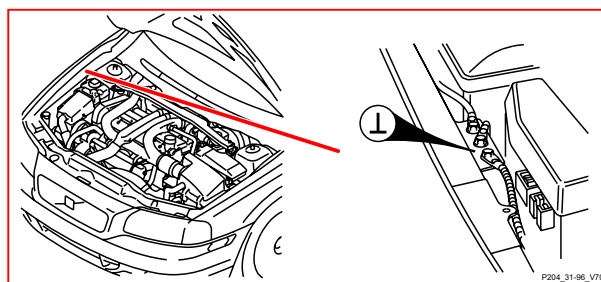
31/95 Ground connection, left MacPherson strut tower, XC90



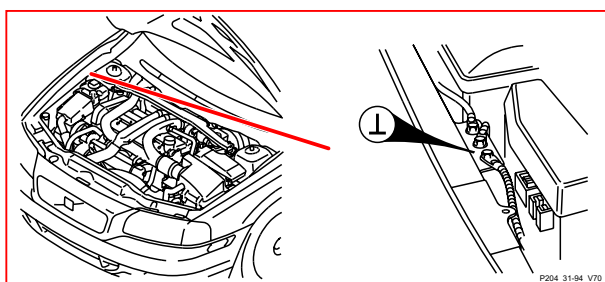
31/93 Ground connection, left MacPherson strut tower, XC90



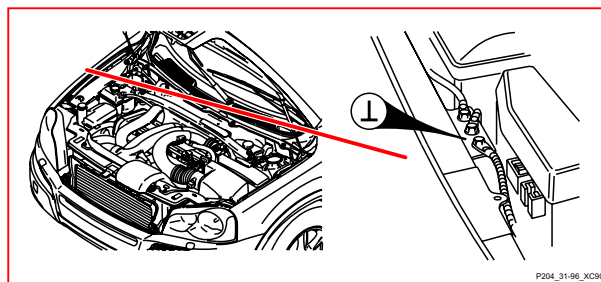
31/96 Ground connection, right MacPherson strut tower, V70



31/94 Ground connection, right MacPherson strut tower, V70



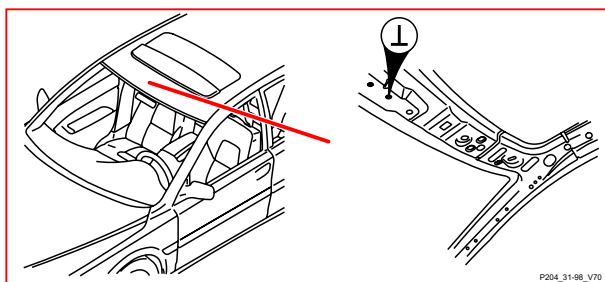
31/96 Ground connection, right MacPherson strut tower, XC90



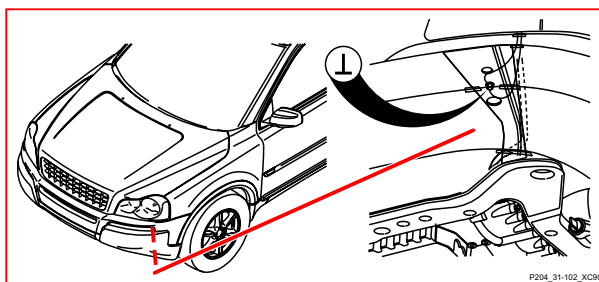
Component illustrations

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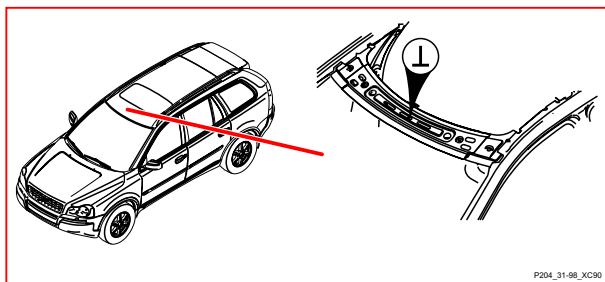
31/98 Ground connection, upper windshield member V70



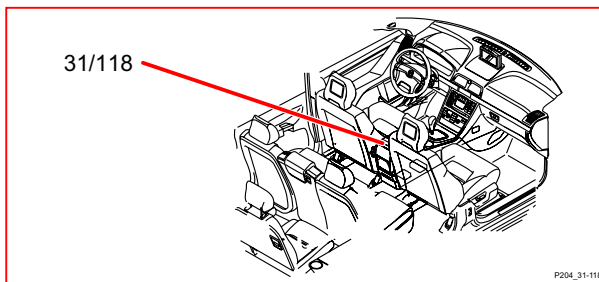
31/102 Ground connection, front member XC90



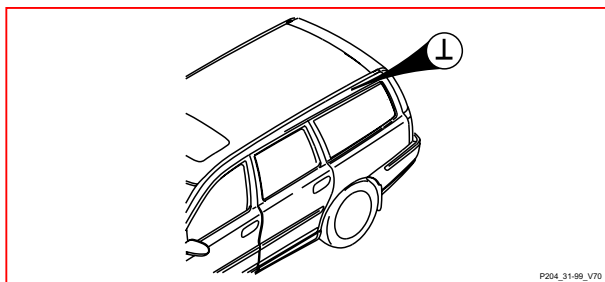
31/98 Ground connection, upper windshield member XC90



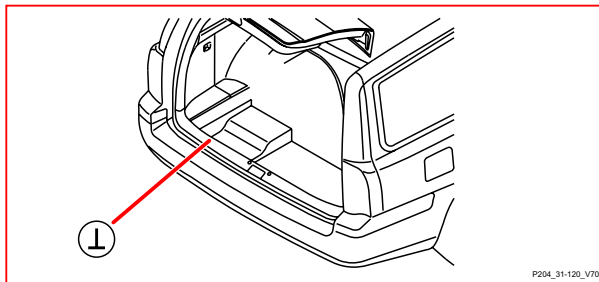
31/118 Ground connection, between front seats under the armrest



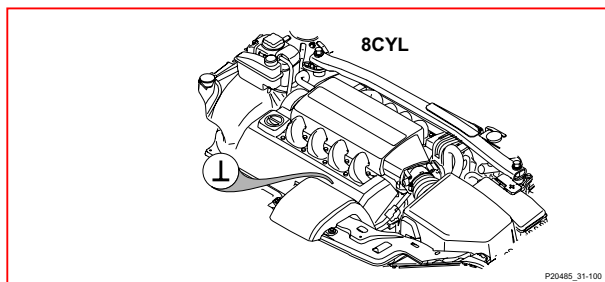
31/99 Ground connection, Side window left



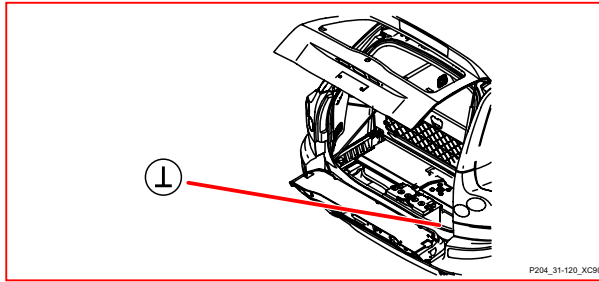
31/120 Ground connection, cargo compartment V70



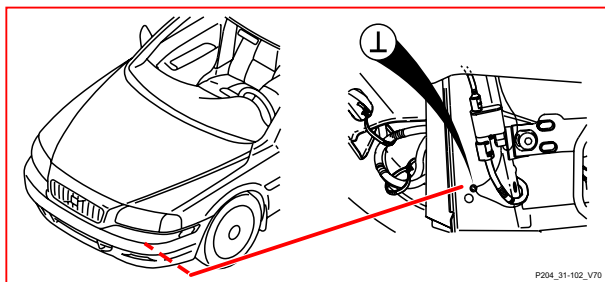
31/100 Engine ignition coils, 8-cyl.



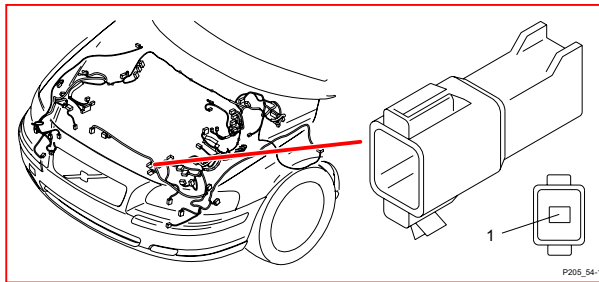
31/120 Ground connection, cargo compartment XC90



31/102 Ground connection, front member V70



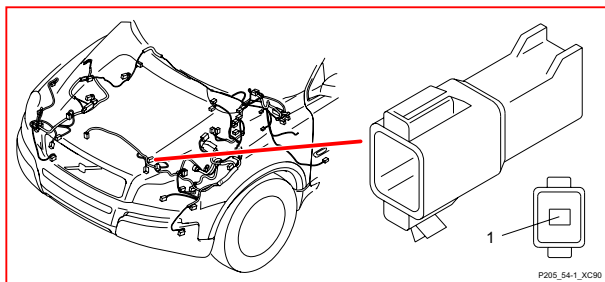
54/1 Connector V70



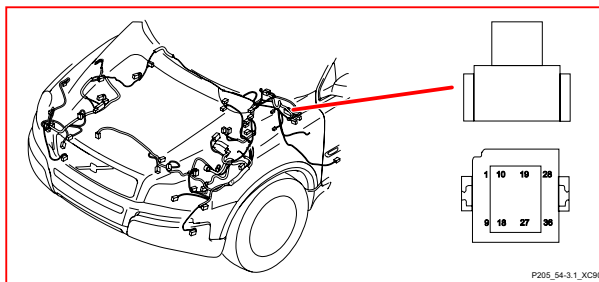
Component illustrations

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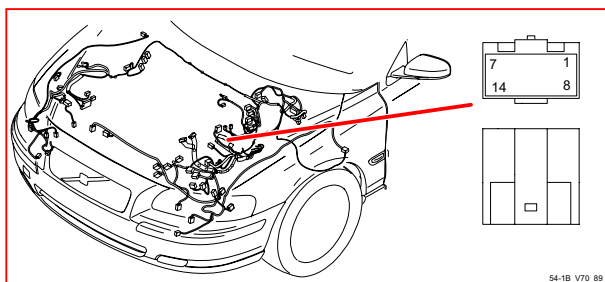
54/1 Connector XC90



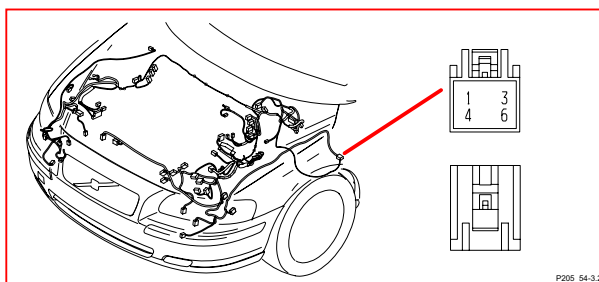
54/3.1 Connector XC90



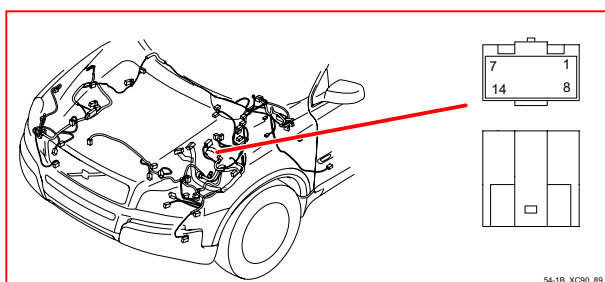
54/1B Connector V70



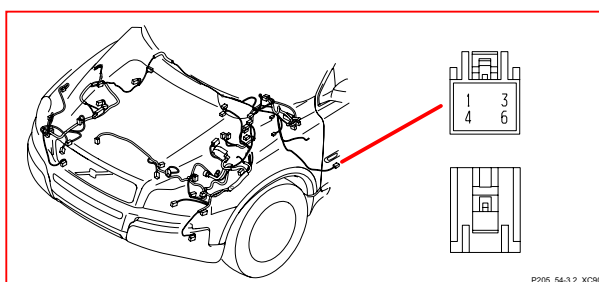
54/3.2 Connector V70



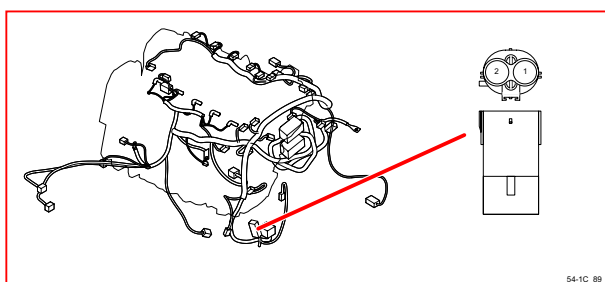
54/1B Connector XC90



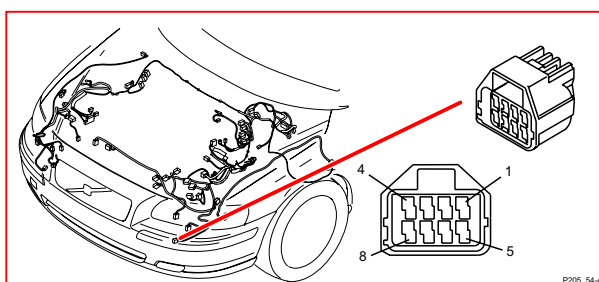
54/3.2 Connector XC90



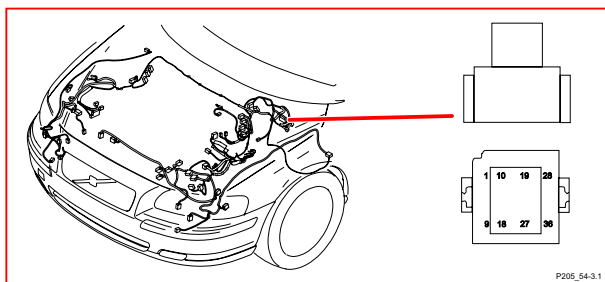
54/1C Connector



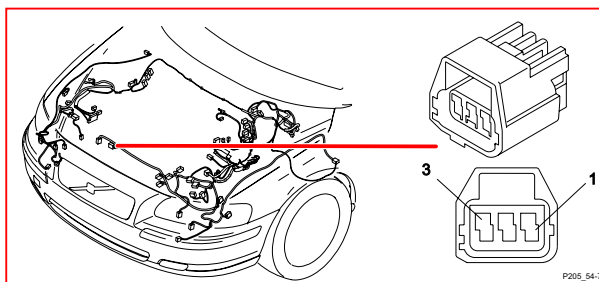
54/4 Connector



54/3.1 Connector V70



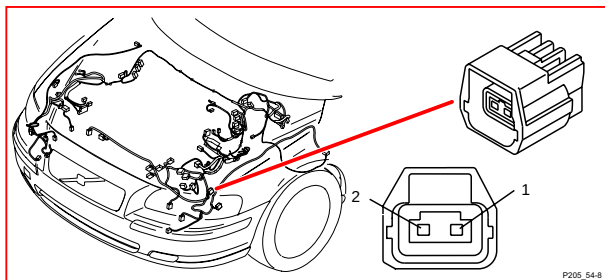
54/7 Connector



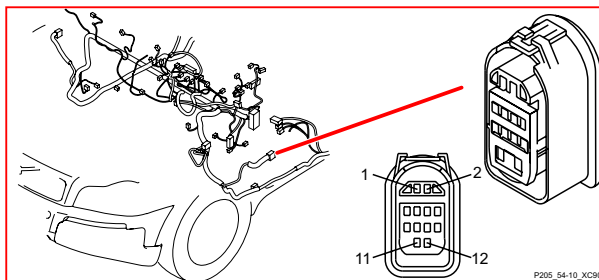
Component illustrations

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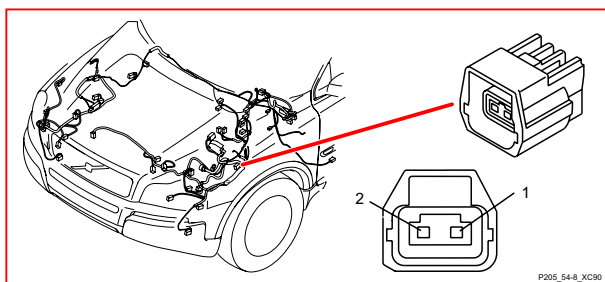
54/8 Connector V70



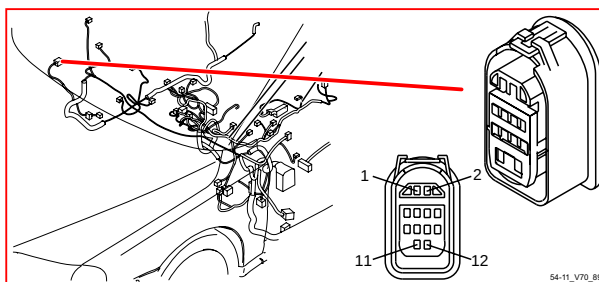
54/10 Connector XC90



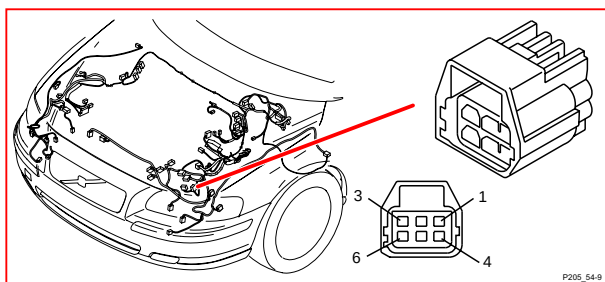
54/8 Connector XC90



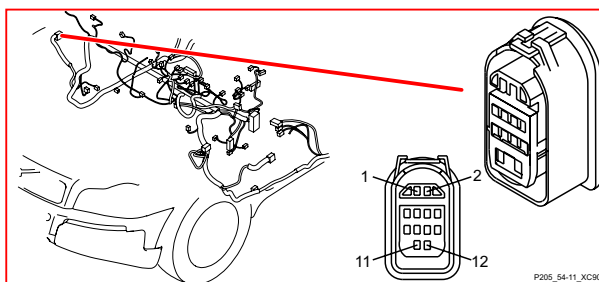
54/11 Connector V70



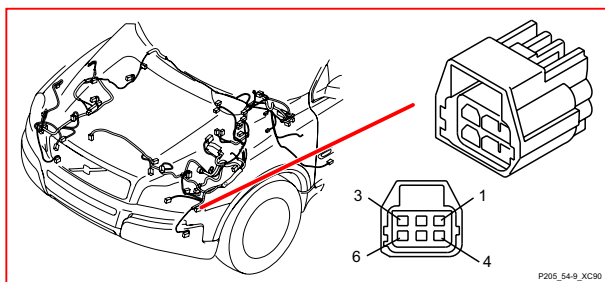
54/9 Connector V70



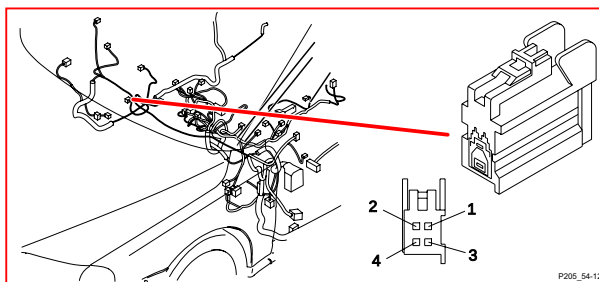
54/11 Connector XC90



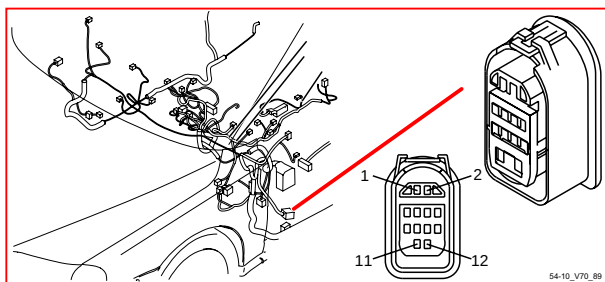
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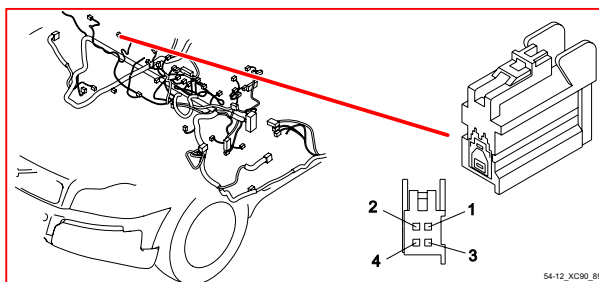
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54/10 Connector V70



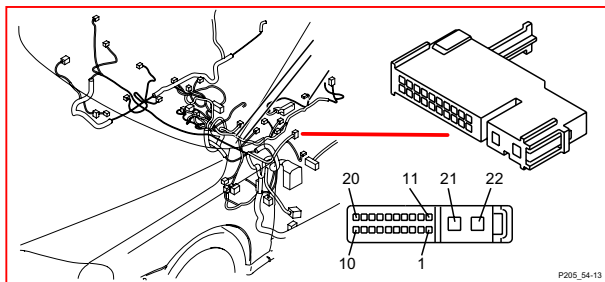
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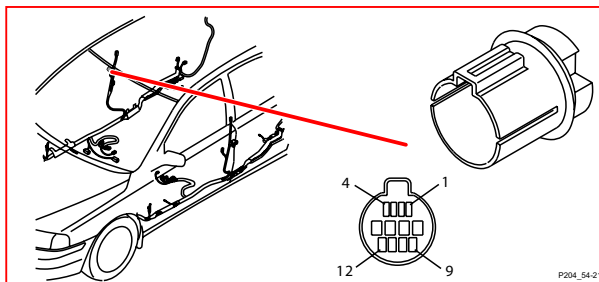
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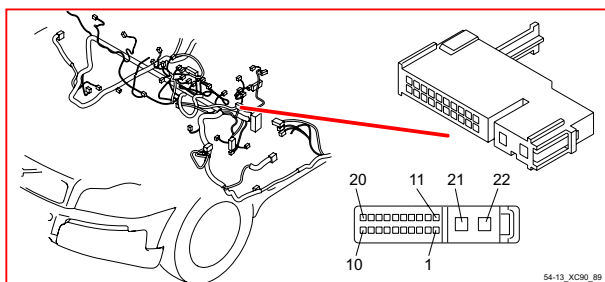
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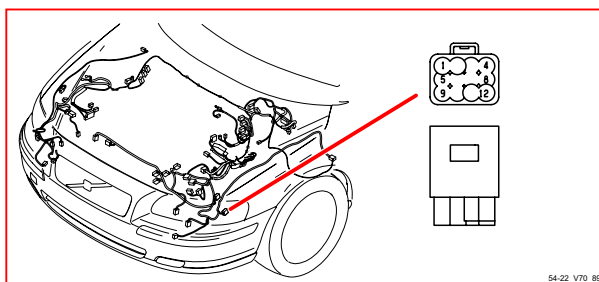
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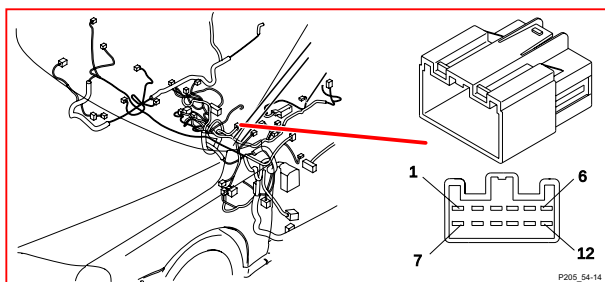
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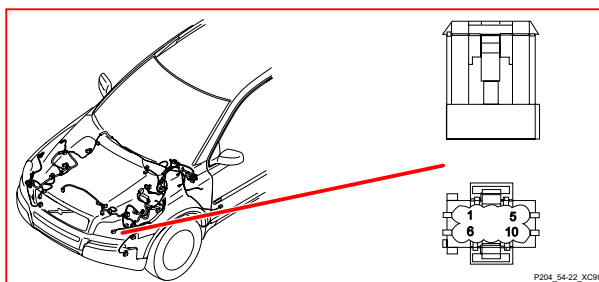
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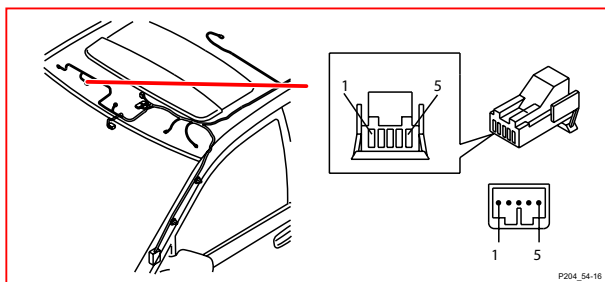
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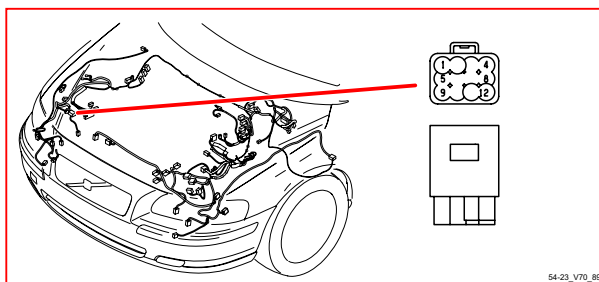
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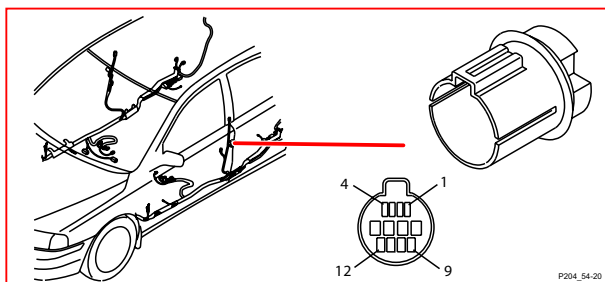
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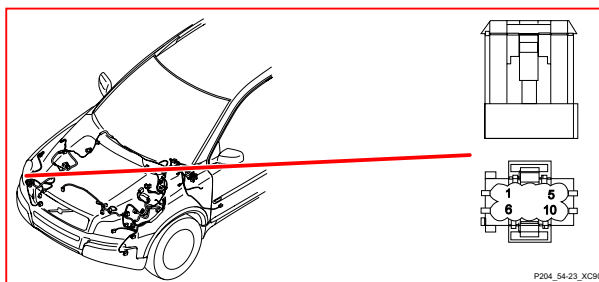
54/23 Connector V70



54/20 Connector



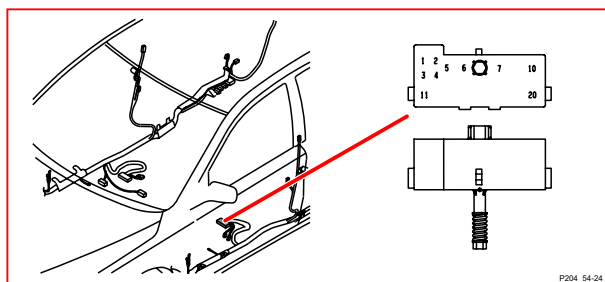
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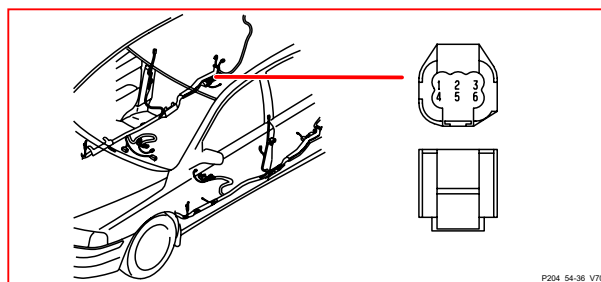
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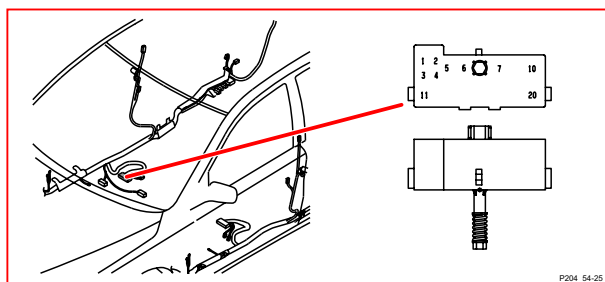
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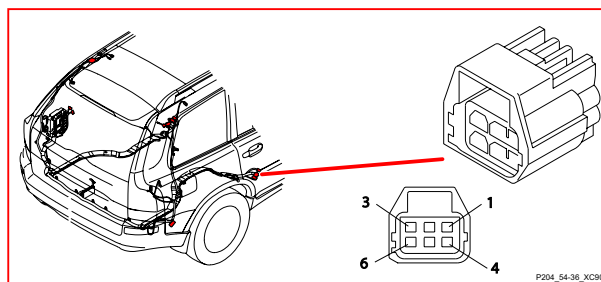
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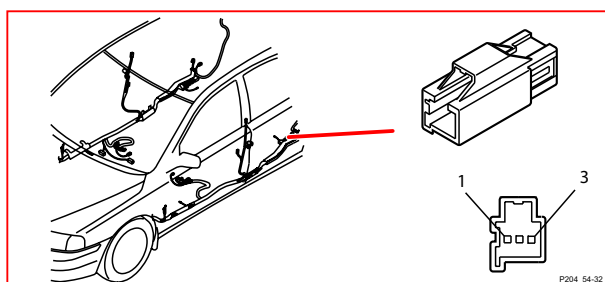
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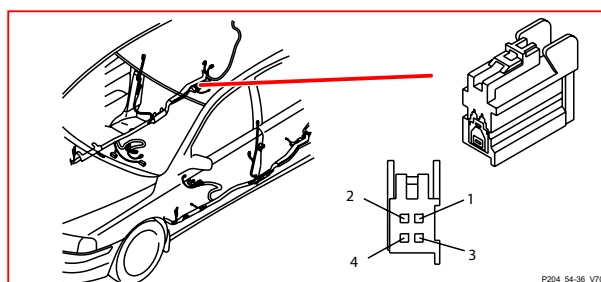
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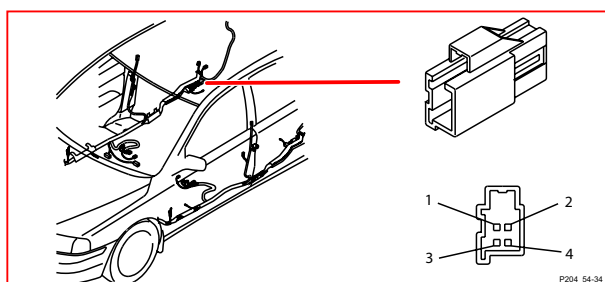
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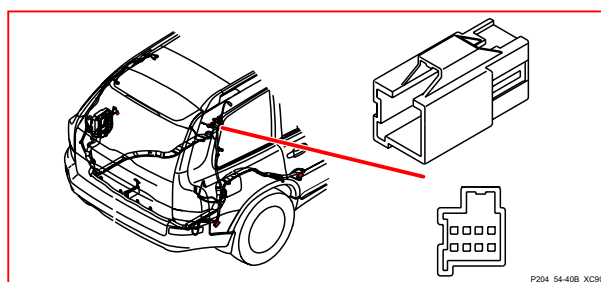
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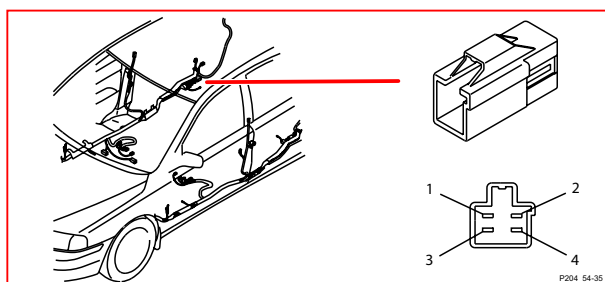
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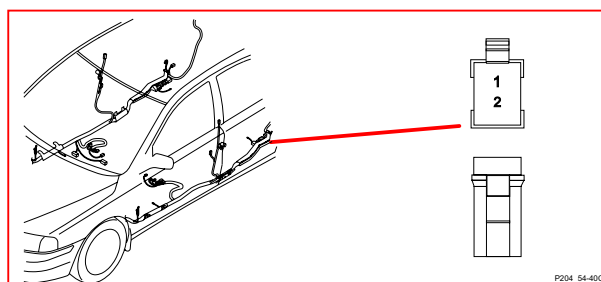
54/40B Connector



54/35 Connector



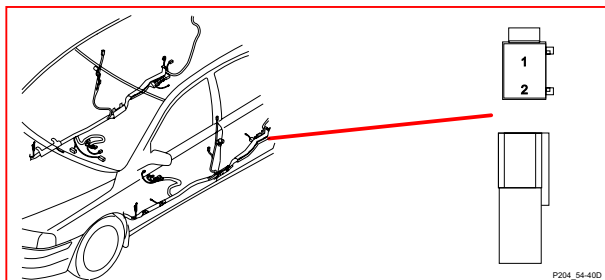
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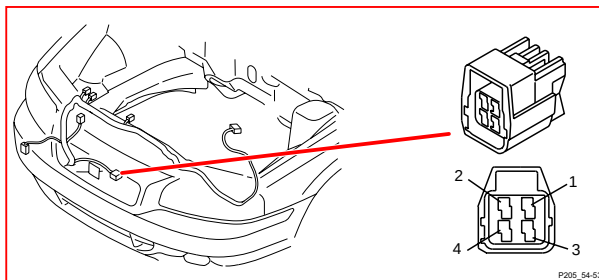
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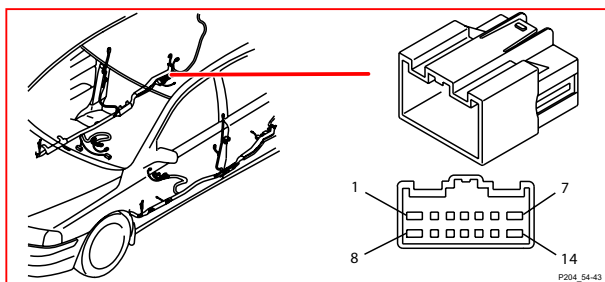
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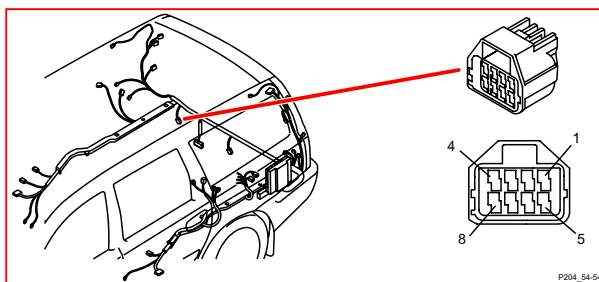
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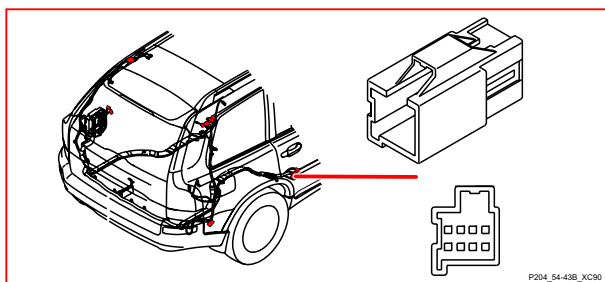
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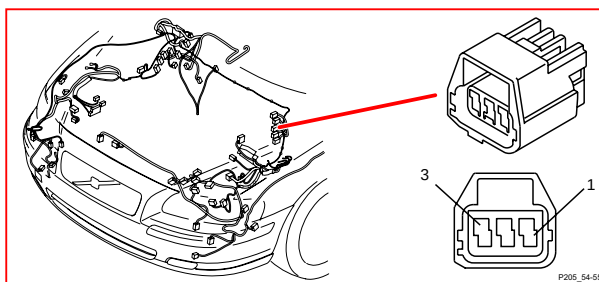
54/54 Connector



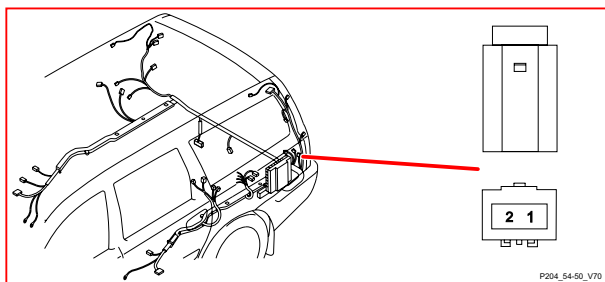
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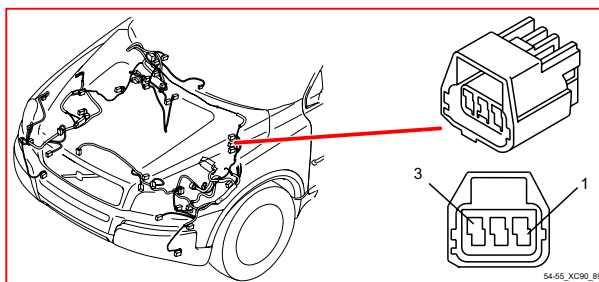
54/55 Connector V70



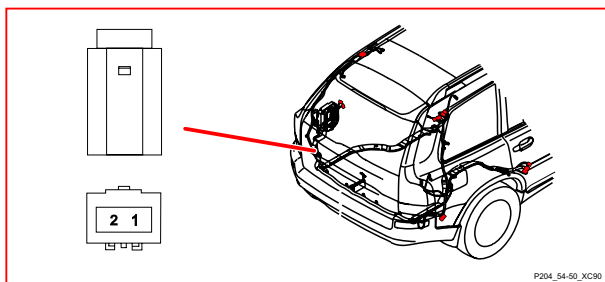
54/50 Connector V70



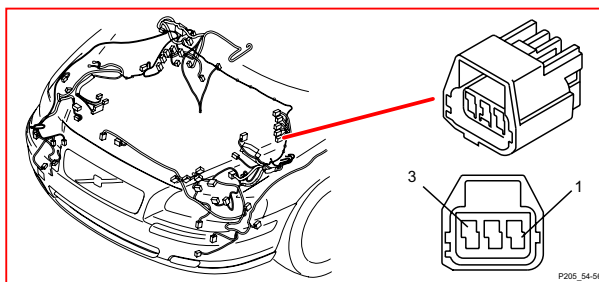
54/55 Connector XC90



54/50 Connector XC90



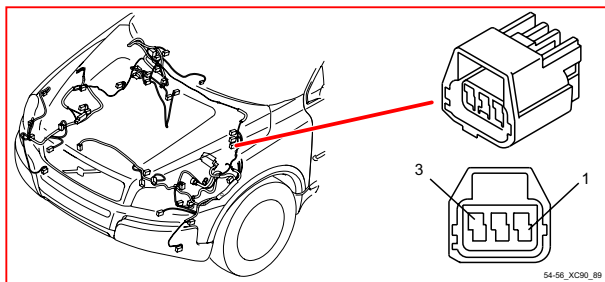
54/56 Connector V70



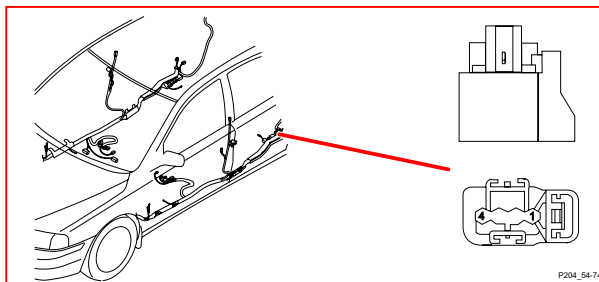
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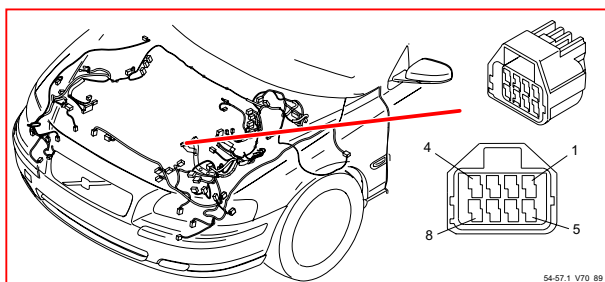
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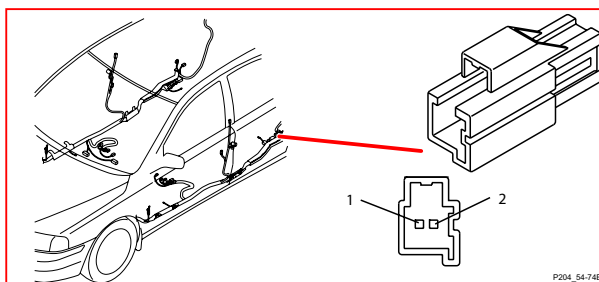
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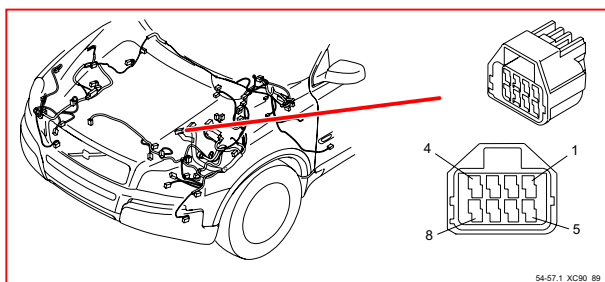
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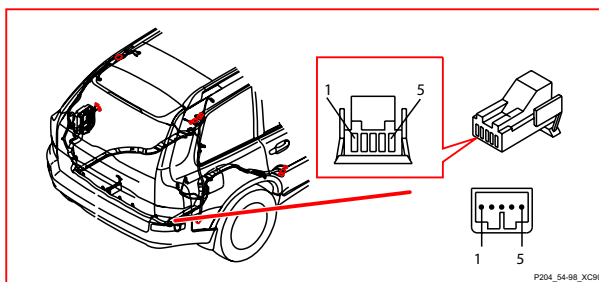
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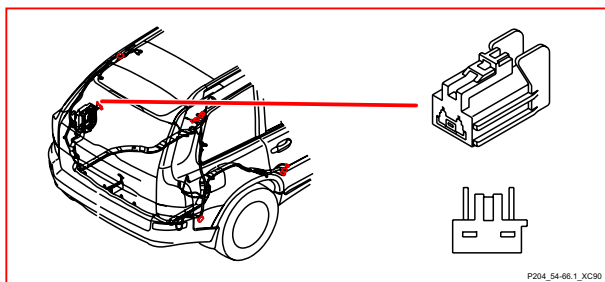
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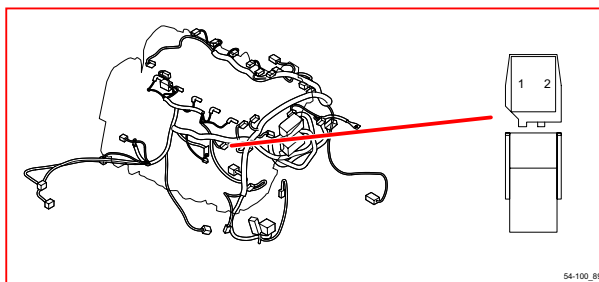
54/98 Connector



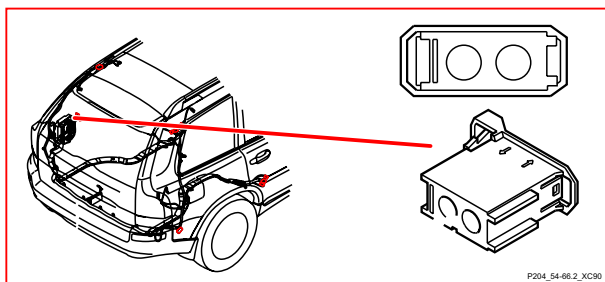
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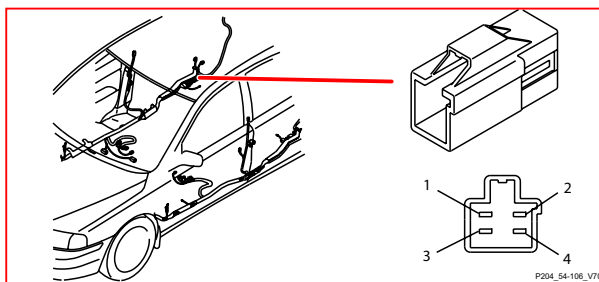
54/100 Connector



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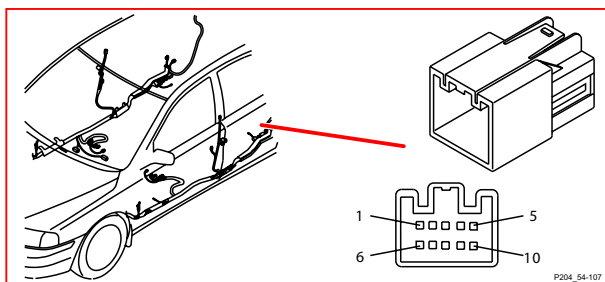
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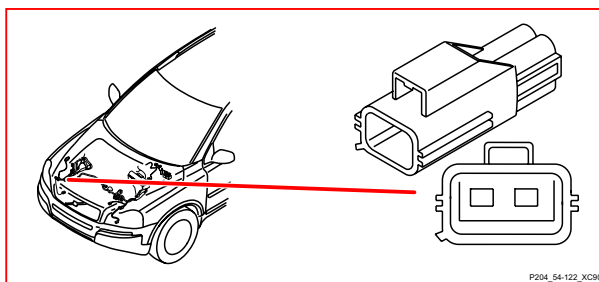
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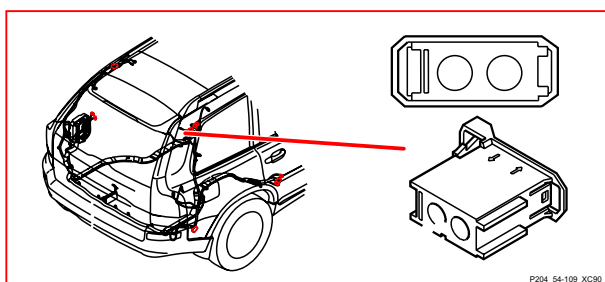
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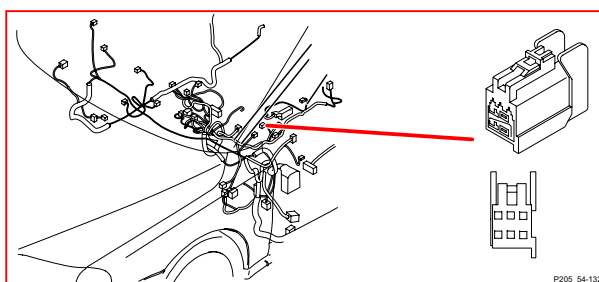
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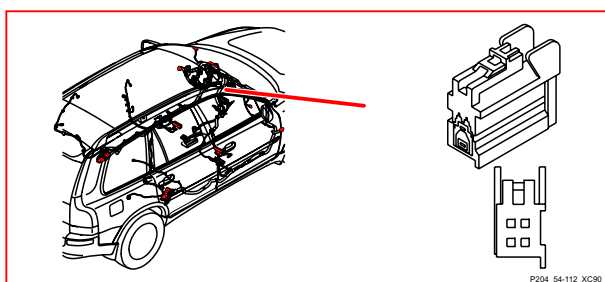
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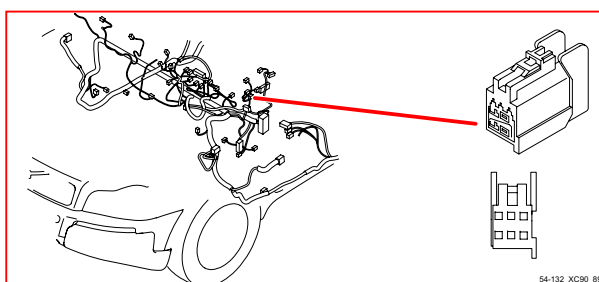
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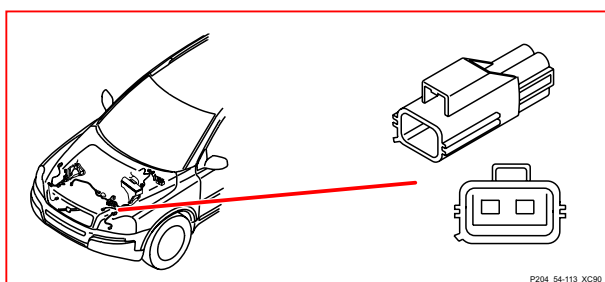
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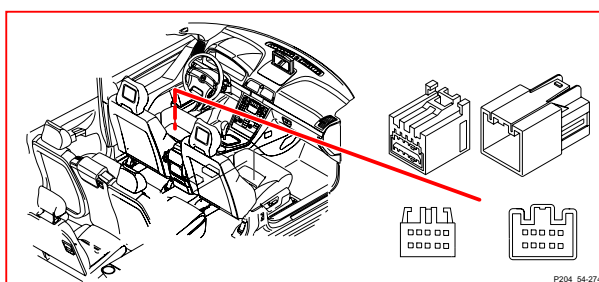
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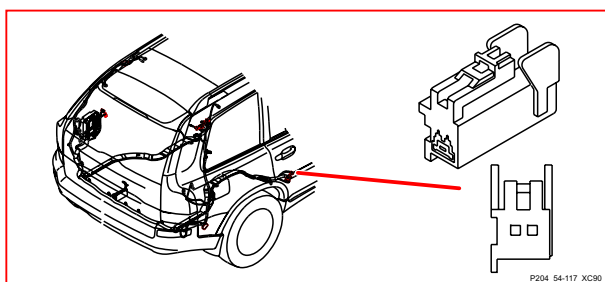
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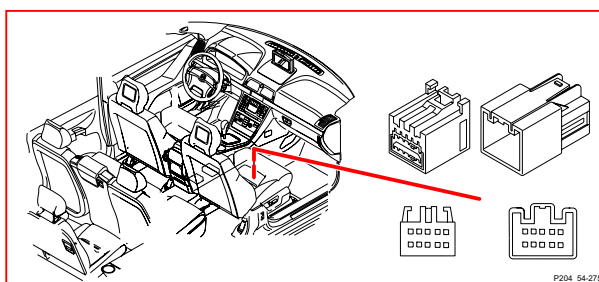
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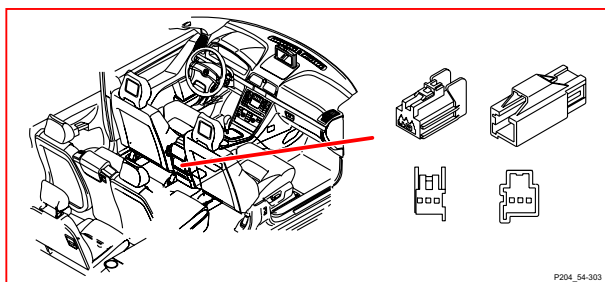
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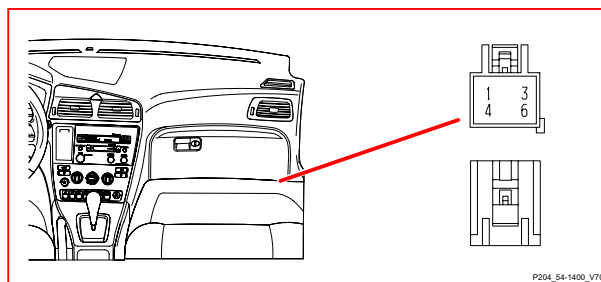
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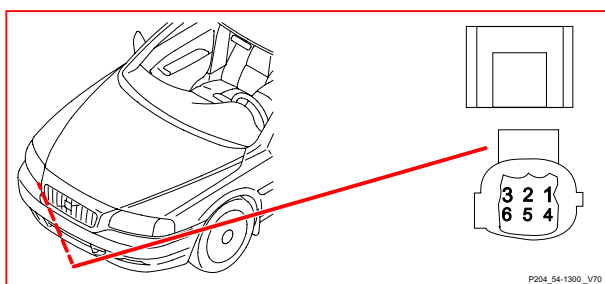
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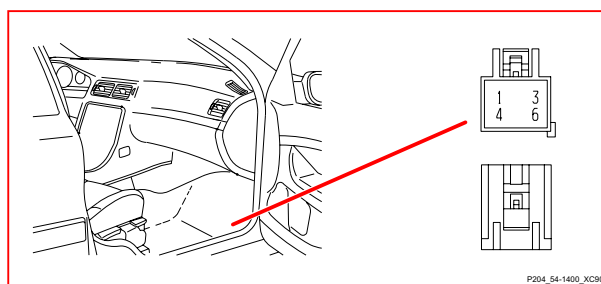
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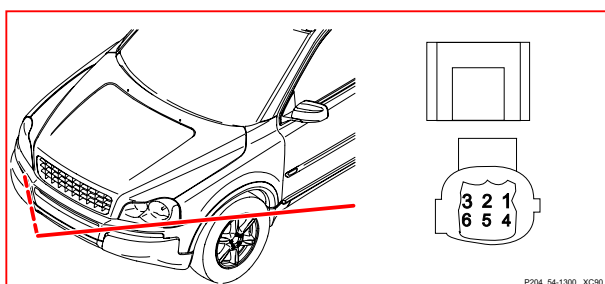
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- 4X/78 Connector interface, original car**
- 9X/25 Connector interface, original car**
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3/9	Brake light contact XC90	3/117	Ceiling light switch unit, V70
3/10	Reversing light contact	3/117	Ceiling light switch unit, XC90
3/25	Switch, power sunroof V70	3/126	Driver/Passenger Door Module (DDM)/(PDM), V70
3/25	Switch, power sunroof XC90		Driver/Passenger Door Module (DDM)/(PDM), XC90
3/26	Switch unit, power driver's seat	3/126	Passenger/Driver Door Module (PDM)/(DDM), V70
3/27	Switch unit, power passenger seat		Passenger/Driver Door Module (PDM)/(DDM), XC90
3/37	Horn contact V70	3/127	
3/37	Horn contact XC90	3/127	Steering Wheel Switch Right (SWSR) V70
3/47	Parking brake contact V70		Steering Wheel Switch Right (SWSR) XC90
3/47	Parking brake contact, XC90		RTI switch
3/59	Headlight adjustment control V70	3/131	Program selector, automatic transmission V70
3/59	Headlight adjustment control XC90	3/131	Program selector, automatic transmission XC90
3/60	Switch, auxiliary lights V70	3/135	
3/60	Switch, auxiliary lights XC90	3/155	Gear Selector Module (GSM) V70
3/62	Hood alarm contact V70		Gear Selector Module (GSM) XC90
3/62	Hood alarm contact XC90	3/155	Switch, front passenger airbag V70
3/71	Contacts gear selector AW51		Switch, front passenger airbag XC90
3/71	Contacts gear selector 4T65AWD	3/156	
3/73	Power Child Lock (PCL) switch V70	3/156	
3/73	Power Child Lock (PCL) switch XC90	3/157	
3/74	Lock unit, front left door, V70	3/157	
3/74	Lock unit, front left door, XC90		

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3/171	Switch, retractable door mirrors V70	4/110	Trailer module XC90
3/171	Switch, retractable door mirrors XC90		
3/173	Switch, tailgate private lock V70	5/1	Driver Information Module (DIM) V70
3/173	Switch, tailgate private lock XC90	5/1	Driver Information Module (DIM) XC90
3/174	Switch, reduced alarm V70		
3/174	Switch, reduced alarm XC90	6/1	Windshield wiper motor V70
3/225	Switch unit continuous damping control (CCD)	6/1	Windshield wiper motor XC90
3/254	Steering Wheel Module (SWM)	6/3	Right-hand headlight wiper motor
3/255	Position sensor, driver's seat	6/4	Left-hand headlight wiper motor
3/256	Position sensor, passenger seat	6/15	Sunroof motor, V70
3/267	Switch unit, telematics	6/15	Sunroof motor, XC90
		6/16	Motor driver's seat, backrest angle
4/7	Combustion Preheater Module (CPM) V70	6/17	Motor driver's seat, up/down front edge
4/7	Combustion Preheater Module (CPM) XC90	6/18	Motor driver's seat, up/down rear edge
4/9	Supplemental Restraint System module (SRS)	6/19	Motor driver's seat, fore/aft
4/16	Brake Control Module (BCM) V70	6/20	Motor passenger seat, fore/aft
4/16	Brake Control Module (BCM) XC90	6/25	Starter motor V70
4/28	Transmission Control Module (TCM), TF-80SC	6/25	Starter motor XC90
4/28	Transmission Control Module (TCM), V70	6/26	Alternator Control Module (ACM) V70
4/28	Transmission Control Module (TCM), XC90	6/26	Alternator Control Module (ACM) XC90
4/31	Fan control module	6/28	Motor, passenger compartment fan
4/33	Sun Roof Module (SRM), V70	6/29	Motor, electric cooling fan
4/33	Sun Roof Module (SRM), XC90	6/29	Cooling fan motor, I5D
4/46	Engine Control Module (ECM), V70	6/31	Feed pump, ejectors
4/46	Engine Control Module (ECM), XC90	6/32	Rear window wiper motor, V70
4/46	Engine Control Module (ECM), 8-cyl.	6/32	Rear window wiper motor XC90
4/46	Engine Control Module (ECM), I5D	6/33	Fuel pump V70
4/50	Electronic Throttle Module (ETM)	6/33	Fuel pump XC90
4/52	Power Seat Module (PSM)	6/35	Fuel pump, auxiliary heater V70
4/56	Central Electronic Module (CEM), V70	6/35	Fuel pump, auxiliary heater XC90
4/56	Central Electronic Module (CEM), XC90	6/37	Lock motor, fuel filler flap V70
4/58	Rear Electronic Module (REM), V70	6/37	Lock motor, fuel filler flap XC90
4/58	Rear Electronic Module (REM), XC90	6/38	Motor, left headlight adjustment
4/68	Steering Wheel Angle Sensor Module (SAS)	6/39	Motor, right headlight adjustment
4/70	Upper Electronic Module (UEM), V70	6/44	Cooling fan, electrics box, engine compartment V70
4/70	Upper Electronic Module (UEM), XC90		
4/71	Cooling fan module V70	6/44	Cooling fan, electrics box, engine compartment XC90
4/71	Cooling fan module XC90		
4/71	Cooling fan module I5D	6/48	Damper Motor Module (DMM), recirculation
4/76	Remote control unit for garage door opener	6/58	Front left power window motor, V70
4/78	Accessory Electronic Module (AEM) V70	6/58	Front left power window motor, XC90
4/78	Accessory Electronic Module (AEM) XC90	6/60	Front right power window motor, V70
4/82	Differential Electronic Module (DEM) V70	6/60	Front right power window motor, XC90
4/82	Differential Electronic Module (DEM) XC90	6/62	Left power door mirror, V70
4/83	Control module fuel pump	6/62	Left power door mirror, XC90
4/83	Fuel pump module, 8-cyl.	6/63	Right power door mirror, V70
4/84	Suspension Module (SUM)	6/63	Right power door mirror, XC90
4/86	Parking Assistance Module (PAM) V70	6/64	Motor passenger seat, backrest angle
4/86	Parking Assistance Module (PAM) XC90	6/65	Motor passenger seat, up/down front edge
4/99	Electronic power steering control module	6/66	Motor passenger seat, up/down rear edge
4/106	Control module, remote parking heater start	6/67	Pump, fuel leakage control, V70
4/107	Control module, parking heater, Call start	6/67	Pump, fuel leakage control XC90
4/109	Glow plug control module	6/69	Damper Motor Module (DMM), ventilation/floor/defroster
4/110	Trailer module V70		

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6/71	Valve, speed-dependent power steering	7/16	Coolant temperature sensor V70
6/73	Coolant pump, auxiliary heater V70	7/16	Coolant temperature sensor XC90
6/73	Coolant pump, auxiliary heater XC90	7/16	Coolant temperature sensor, 8-cyl.
6/76	Climate control system, rear	7/17	Mass air flow sensor (MAF) V70
6/92	Rear left power window motor V70	7/17	Mass air flow sensor (MAF) XC90
6/92	Rear left power window motor XC90	7/17	Mass air flow sensor (MAF), 8-cyl.
6/93	Rear right power window motor V70	7/23	Rear knock sensor
6/93	Rear right power window motor XC90	7/23	Rear knock sensor, 8-cyl.
6/95	Damper Motor Module (DMM), temperature, left-hand side	7/24	Front knock sensor
6/96	Damper Motor Module (DMM), temperature, right-hand side	7/24	Front knock sensor, 8-cyl.
6/102	Damper Motor Module (DMM), defroster	7/25	Impulse sensor, gasoline & I5D V70
6/103	Damper Motor Module (DMM), floor/ventilation	7/25	Impulse sensor, diesel V70
6/104	High pressure headlight washer motor V70	7/25	Impulse sensor, gasoline & I5D XC90
6/104	High pressure headlight washer motor XC90	7/25	Impulse sensor, diesel XC90
6/105	Fuel distributor, gas	7/25	Impulse sensor, 8-cyl.
6/113	Coolant pump, 8-cyl.	7/31	Sensor ABS, front left
6/114	Vacuum pump	7/32	Sensor ABS, front right
6/118	Regulator motor, swirl throttle	7/35	Oil level sensor
6/120	Throttle body motor V70	7/41	Temperature sensor evaporator
6/120	Throttle body motor XC90	7/51	Accelerator pedal sensor V70
6/120	Throttle body motor 8-cyl.	7/51	Accelerator pedal sensor XC90
6/120	Throttle body motor, I5D	7/56	Sensor ABS, rear left
6/127	Washer motor V70	7/57	Rear right ABS sensor
6/127	Washer motor XC90	7/61	Sensor, input speed AW51
6/143	Regulator motor, turbo	7/61	Sensor, input speed 4T65AWD
7/4	Brake fluid level sensor	7/61	Sensor, input speed TF-80SC
7/5	Washer fluid level sensor V70	7/62	Sensor, output speed AW51
7/5	Washer fluid level sensor XC90	7/62	Sensor, output speed 4T65AWD
7/6	Oil pressure monitor V70	7/62	Sensor, output speed TF-80SC
7/6	Oil pressure monitor XC90	7/73	Coolant level sensor V70
7/8	Pressure sensor, climate control system V70	7/73	Coolant level sensor XC90
7/8	Pressure sensor, climate control system XC90	7/74	Fluid temperature sensor, automatic transmission AW51
7/8	Pressure sensor, climate control system, 8-cyl.	7/74	Sensor oil temperature automatic transmission 4T65AWD
7/10	Interior temperature sensor	7/74	Fluid temperature sensor, automatic transmission, TF-80SC
7/11	Outside temperature sensor V70	7/81	Pressure sensor, intake manifold
7/11	Outside temperature sensor XC90	7/81	Pressure sensor, intake manifold, 8-cyl.
7/12	Solar sensor, twilight sensor and indicator alarm V70	7/82	Heated oxygen sensor, diagnostics 1, 5-cyl.
7/12	Solar sensor, twilight sensor and indicator alarm XC90	7/82	Heated oxygen sensor, diagnostics 1, 6-cyl.
7/15	Heated oxygen sensor, 5-cyl.	7/82	Front heated oxygen sensor, bank 1, 8-cyl.
7/15	Heated oxygen sensor, 6-cyl.	7/87	Acceleration sensor, Four-C, front left
7/15	Front heated oxygen sensor, bank 2, 8-cyl.	7/88	Acceleration sensor, Four-C, front right
7/15	Heated oxygen sensor, I5D	7/89	Acceleration sensor, Four-C, rear left
		7/91	Steering wheel angle sensor V70
		7/91	Steering wheel angle sensor XC90
		7/93	Occupant Weight Sensor (OWS)

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7/100	Inclination Sensor Module (ISM) V70	7/158	Mass Movement Sensor (MMS), rear
7/100	Inclination Sensor Module (ISM) XC90	7/159	Air Quality Sensor (AQS)
7/103	Heated oxygen sensor 3	7/162	Fuel rail pressure sensor V70
7/103	Rear heated oxygen sensor, bank 2, 8-cyl.	7/162	Fuel rail pressure sensor XC90
7/104	Rear heated oxygen sensor, bank 1, 8-cyl.	7/162	Fuel rail pressure sensor I5D
7/105	Outside temperature sensor, engine control module V70	7/164	Body Sensor Cluster Stability Sensor (BSC)
7/105	Outside temperature sensor, engine control module XC90	7/165	Pressure and temperature sensor, intake manifold
7/108	Side impact sensor, rear left V70	7/166	Oil level sensor, I5D
7/108	Side impact sensor, rear left XC90	7/172	Position sensor camshaft, intake side
7/109	Side impact sensor, rear right V70	7/172	Intake camshaft position sensor, bank 2, 8-cyl.
7/109	Side impact sensor, rear right XC90	7/173	Position sensor camshaft exhaust side Diesel
7/110	Left-hand seat temperature sensor	7/173	Position sensor camshaft exhaust side Gasoline
7/111	Right-hand seat temperature sensor	7/173	Exhaust camshaft position sensor, bank 2, 8-cyl.
7/115	Side impact sensor, front left V70	7/174	Differential pressure sensor, particle filter
7/115	Side impact sensor, front left XC90	7/175	Weight sensor passenger seat, seat belt reminder
7/116	Side impact sensor, front right V70	7/178	Front impact sensor, right
7/116	Side impact sensor, front right XC90	7/179	Front impact sensor, left
7/118	Acceleration sensor, shock absorber, Four-C, front left	7/188	Intake camshaft position sensor, bank 1, 8-cyl.
7/119	Acceleration sensor, shock absorber, Four-C, front right	7/189	Exhaust camshaft position sensor, bank 1, 8-cyl.
7/120	Rear left angle sensor, Four-C/Bi-Xenon V70	7/190	Temperature sensor, exhaust gases up-stream of particle filter
7/120	Rear left angle sensor, Four-C/Bi-Xenon XC90	7/191	Temperature sensor, exhaust gases downstream of particle filter
7/121	Rear right angle sensor, Four-C	7/201	Pressure and temperature sensor, gas
7/122	Mass Movement Sensor Module(MMS), front V70	7/204	Front parking assistance sensor 5
7/122	Mass Movement Sensor Module (MMS), front XC90	7/205	Front parking assistance sensor 6
7/123	Clutch pedal sensor V70	7/206	Front parking assistance sensor 7
7/123	Clutch pedal sensor XC90	7/207	Front parking assistance sensor 8
7/124	Brake pedal sensor V70	8/3	Electromagnetic clutch, climate control system V70
7/124	Brake pedal sensor XC90	8/3	Electromagnetic clutch, climate control system XC90
7/129	Brake pressure sensor 2 V70	8/3	Electromagnetic clutch, climate control system, 8-cyl.
7/129	Brake pressure sensor 2 XC90	8/6-10	Injection valves, diesel
7/130	Fuel level sensor, ejector side V70	8/6-11	Injection valves, gasoline
7/130	Fuel level sensor, ejector side XC90	8/17	EGR valve, diesel V70
7/131	Rear parking assistance sensor 1	8/17	EGR valve, diesel XC90
7/132	Rear parking assistance sensor 2	8/18	EVAP valve V70
7/133	Rear parking assistance sensor 3	8/18	EVAP valve XC90
7/134	Rear parking assistance sensor 4	8/18	EVAP valve, 8-cyl.
7/135	Glass breakage sensor, left-hand	8/19	Solenoid, variable valve timing, intake
7/136	Glass breakage sensor, right-hand	8/19	Solenoid, variable valve timing, intake, bank 2, 8-cyl.
7/137	Glass breakage sensor, tailgate	8/20	Shock absorber, Four-C, front left
7/139	Brake pressure sensor 1 V70	8/21	Shock absorber, Four-C, front right
7/139	Brake pressure sensor 1 XC90	8/22	Shock absorber, Four-C, rear left
7/143	Fuel level sensor, pump side V70	8/23	Shock absorber, Four-C, rear right
7/143	Fuel level, pump side XC90	8/28	Turbocharger control valve V70
7/149	Rain Sensor Module (RSM), V70	8/28	Turbocharger control valve XC90
7/149	Rain Sensor Module (RSM), XC90		
7/154	Fuel temperature sensor, I5D		
7/156	Pressure and temperature sensor, Bi-Fuel		
7/156	Pressure and temperature sensor fuel		

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8/30	Airbag igniter, driver's side	8/78	Oil pressure sensor
8/31	Airbag igniter, passenger side V70	8/81	Solenoid, variable valve timing exhaust V70
8/31	Airbag igniter, passenger side XC90	8/81	Solenoid, variable valve timing exhaust XC90
8/32	Igniter, airbag stage 2, passenger side V70	8/81	Solenoid, variable valve timing, exhaust, bank 2, 8-cyl.
8/32	Igniter, airbag stage 2, passenger side XC90	8/82	Solenoid, variable turbo geometry, diesel V70
8/33	Front left belt tensioner igniter V70	8/82	Solenoid, variable turbo geometry, diesel XC90
8/33	Front left belt tensioner igniter XC90	8/84	Switch, vacuum pump
8/34	Front right belt tensioner igniter V70	8/85	Thermostatic switch and fuel filter heating V70
8/34	Front right belt tensioner igniter XC90	8/85	Thermostatic switch and fuel filter heating XC90
8/36	Solenoid shift lock	8/88	Solenoid, fuel tank, Bi-Fuel, rear
8/37	Automatic transmission AW51	8/89	Solenoid, fuel tank, Bi-Fuel, front left
8/37	Automatic transmission 4T65AWD	8/90	Solenoid, fuel tank, Bi-Fuel, front right
8/37	Automatic transmission TF-80SC	8/94	Left-hand belt tensioner igniter, third row of seats
8/38	Shift solenoid 1 AW51	8/95	Right-hand belt tensioner igniter, third row of seats
8/38	Shift solenoid 1 4T65AWD	8/96	Left-hand inflatable curtain igniter, third row of seats
8/38	Shift solenoid 1 TF-80SC	8/97	Right-hand inflatable curtain igniter, third row of seats
8/39	Shift solenoid 2 AW51	8/98	Fuel pressure control valve, I5D
8/39	Shift solenoid 2 4T65AWD	8/99	Igniter, steering column
8/39	Shift solenoid 2 TF-80SC	8/107	Valve, variable intake, 8-cyl.
8/40	Lock-up solenoid AW51	8/111	Solenoid valve, high-pressure diesel
8/40	Lock-up solenoid 4T65AWD	8/113	Fuel pressure bypass valve
8/40	Lock-up solenoid TF-80SC	8/117	Solenoid, variable valve timing, intake, bank 1, 8-cyl.
8/41	Pressure solenoid AW51	8/118	Solenoid, variable valve timing, exhaust, bank 1, 8-cyl.
8/41	Pressure solenoid 4T65AWD	8/120	EGR valve
8/46	Activation unit DSTC V70	8/123	Igniter airbag driver side stage 3, XC90
8/46	Activation unit DSTC XC90	8/124	Igniter passenger side airbag stage 3, XC90
8/51	Side airbag igniter, front left V70	8/134	Solenoid, reverse interlock, manual
8/51	Side airbag igniter, front left XC90	8/142	Linear pressure solenoid SLB1 TF-80SC AWD
8/52	Side airbag igniter, front right V70	8/143	Linear pressure solenoid SLC1 TF-80SC AWD
8/52	Side airbag igniter, front right XC90	8/144	Linear pressure solenoid SLC2 TF-80SC AWD
8/55	Igniter, left rear belt tensioner	8/145	Linear pressure solenoid SLC3 TF-80SC AWD
8/56	Igniter, right rear belt tensioner	8/146-	
8/61	Igniter, airbag stage 2, driver's side	8/153	Injection valves, 8-cyl.
8/62	Belt tensioner igniter, center rear seat V70		
8/62	Belt tensioner igniter, center rear seat 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		

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9/1	Front 12V outlet V70	10/45	Tail light 2, right V70
9/1	Front 12V outlet XC90	10/46	Fog light, rear right V70
9/2	Heated rear window V70	10/46	Fog light, right rear XC90
9/2	Heated rear window XC90	10/47	Direction indicator, rear right V70
9/12	Seat Heating Module (SHM), left-hand	10/47	Direction indicator, right rear XC90
9/13	Seat Heating Module (SHM), right-hand	10/48	Reversing light, right V70
9/16	Left-hand backrest heating element	10/48	Reversing light, right XC90
9/17	Right-hand backrest heating element	10/50	Brake light, left V70
9/18	Left-hand seat heating element	10/50	Brake light, left XC90
9/19	Right-hand seat heating element	10/51	Tail light 1, left V70
9/25	Rear 12 V outlet V70	10/51	Tail light 1, left XC90
9/25	Rear 12 V outlet XC90	10/52	Tail light 2 left, V70
9/30	Auxiliary heater V70	10/53	Fog light, rear left V70
9/30	Auxiliary heater XC90	10/53	Fog light, rear left XC90
9/32	PTC-resistor air preheating	10/54	Direction indicator, rear left V70
9/33	Left heated exterior rearview mirror	10/54	Direction indicator, rear left XC90
9/34	Right heated exterior rearview mirror	10/55	Reversing light, left V70
		10/55	Reversing light, left XC90
10/1	Left front lamp housing V70	10/64	High beam, right V70
10/1	Left front lamp housing XC90	10/64	High beam, right XC90
10/2	Right front lamp housing V70	10/65	Auxiliary light, front right V70
10/2	Right front lamp housing XC90	10/65	Auxiliary light, front right XC90
10/3	License plate lighting V70	10/66	Low beam, right V70
10/3	License plate lighting XC90	10/66	Low beam, right XC90
10/5	Fog light, front left V70	10/68	High beam, left V70
10/5	Fog light, front left XC90	10/68	High beam, left XC90
10/6	Fog light, front right V70	10/69	Auxiliary light, front left V70
10/6	Fog light, front right XC90	10/69	Auxiliary light, front left XC90
10/11	Running/parking light, front left V70	10/70	Low beam, left V70
10/11	Running/parking light, front left XC90	10/70	Low beam, left XC90
10/12	Running/parking light, front right V70	10/71	Side running light, front left V70
10/12	Running/parking light, front right XC90	10/71	Side running light, front left XC90
10/13	Direction indicator, front left V70	10/72	Front ashtray lighting
10/13	Direction indicator, front left XC90	10/73	Side running light, front right V70
10/14	Direction indicator, front right V70	10/73	Side running light, front right XC90
10/14	Direction indicator, front right XC90	10/114	Vanity mirror lighting, left V70
10/15	Direction indicator, front left fender V70	10/114	Vanity mirror lighting, left XC90
10/15	Direction indicator, left front door XC90	10/115	Vanity mirror lighting, right V70
10/16	Direction indicator right front fender, V70	10/115	Vanity mirror lighting, right XC90
10/16	Direction indicator, right front door, XC90	10/125	Courtesy lighting, front left V70
10/17	Lamp housing, rear right V70	10/125	Courtesy lighting, front left XC90
10/17	Lamp housing, rear right XC90	10/126	Courtesy lighting, front right V70
10/18	Lamp housing, rear left V70	10/126	Courtesy lighting, front right XC90
10/18	Lamp housing, rear left XC90	10/148	Left exterior rearview mirror lighting
10/19	Auxiliary brake light V70	10/149	Door mirror lighting, right
10/19	Auxiliary brake light XC90	10/150	Rear reading light V70
10/25	Ceiling light, cargo compartment	10/150	Rear reading light XC90
10/29	Glove compartment lighting V70	10/150	Rear reading light
10/29	Glove compartment lighting XC90	10/151	Left-hand rear door switch lighting
10/43	Brake light, right V70	10/172	Reading light, third row of seats
10/43	Brake light, right XC90	10/173	Cargo compartment lighting, tailgate
10/44	Tail light 1, right V70	10/218	Indicator light, remote start
10/44	Tail light 1, right XC90		

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11A	Main fuses in engine compartment fuse box	16/64	Antenna, cellular phone V70
11B	Fuses in engine compartment fuse box	16/64	Antenna, cellular phone XC90
11C	Fuses in the passenger compartment fuse box, V70	16/65	Antenna ring/ignition switch lighting V70
11C	Fuses in the passenger compartment fuse box, XC90	16/65	Antenna ring/ignition switch lighting XC90
11E	Main fuses at the battery V70	16/67	Amplifier antenna, bumper
11E	Main fuses at the battery XC90	16/68	Antenna, bumper
11F	Fuses in cargo compartment auxiliary fuse box	16/71	Window antenna amplifier 1, right
		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
15/31	Distribution box in engine compartment	16/78	Speaker, cellular phone
		16/79	Subwoofer, V70
16/1	Audio Module (AUM)	16/79	Subwoofer Module (SUB), XC90
16/2	Amplifier	16/81	Screen, accessory
16/3	Speaker, front right door V70	16/81A	Screen, LH head restraint
16/3	Speaker, front right door XC90	16/81B	Screen, RH head restraint
16/4	Speaker, front left door V70	16/82	DVD-player
16/4	Speaker, front left door XC90	16/82	DVD-player accessory
16/5	Speaker, rear right door V70	16/93	Control module, cellular phone handsfree, V70
16/5	Speaker, rear right door XC90		
16/6	Speaker, rear left door V70	16/93	Control module, cellular phone handsfree XC90
16/6	Speaker, rear left door XC90		
16/10	Horn 1, V70	16/94	Infotainment Control Module (ICM)
16/10	Horn 1 XC90	16/105	Audio Module (AUD)
16/11	Horn 2	16/106	CD Player Module (MP2)
16/15	CD changer	16/107	MD Player Module (MP1)
16/16	LH window antenna amplifier 1	16/108	Multimedia Module (MMM)
16/26	Center dashboard speaker V70	16/110	Antenna module (ATM)
16/26	Center dashboard speaker XC90	16/111	Outlet, rear left headphones
16/35	Siren (SCM) V70	16/112	Outlet, rear right headphones
16/35	Siren (SCM) XC90	16/122	Rear Audio Separation module (RAS)
16/36	TV receiver, V70	16/123	External equipment outlet (AUX)
16/45	Road Traffic Information module (RTI)	16/124	Rear Seat Entertainment module (RSE)
16/45	Traffic information module, Turn-by-Turn	16/125	IR transmitter
16/46	RTI display, V70	16/126	Holder, cellular phone handsfree V70
16/46	Multimedia display, XC90	16/126	Holder, cellular phone handsfree XC90
16/46	RTI display, Turn-by-Turn	16/127	Microphone, cellular phone handsfree V70
16/47	GPS antenna, RTI	16/127	Microphone, cellular phone handsfree XC90
16/49	Traffic Message Channel module	16/145	Satellite radio receiver
16/50	Left-hand rear window antenna	16/149	MP3 player
16/54	Right-hand rear window antenna		
16/55	Treble speaker, front left door V70	17/13	Data link connector V70
16/55	Treble speaker, front left door XC90	17/13	Data link connector XC90
16/56	Treble speaker, front right door V70	17/17	Jump start connection
16/56	Treble speaker, front right door XC90	17/19	12V outlet, cargo compartment V70
16/57	Speaker, left D-pillar V70	17/19	12V outlet, cargo compartment XC90
16/57	Speaker, left D-pillar XC90	17/37	4-pin outlet, tow hitch cable harness V70
16/58	Speaker, right D-pillar V70	17/37	4-pin outlet, tow hitch cable harness XC90
16/58	Speaker, right D-pillar XC90	17/38	7-pin outlet, tow hitch cable harness, V70
16/59	Antenna, remote control	17/38	7-pin outlet, tow hitch cable harness, XC90
16/60	Phone Module (PHM) V70		EU/OS
16/60	Phone Module (PHM) XC90	17/38	7-pin outlet, tow hitch cable harness, XC90 USA
16/62	Hand unit, cellular phone V70	17/39	13-pin outlet, tow hitch cable harness V70
16/62	Hand unit, cellular phone XC90	17/39	13-pin outlet, tow hitch cable harness XC90
16/63	GPS antenna, cellular phone		

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18/4	Contact reel V70	31/70	Ground connection, left-hand side member, lower engine compartment V70
18/4	Contact reel XC90	31/70	Ground connection, left-hand side member, lower engine compartment XC90
20/3-8	Spark plug and ignition coil	31/72	Ground connection, cargo compartment V70
20/14	Condenser, 8-cyl.	31/72	Ground connection, cargo compartment XC90
20/16	Capacitor	31/73	Ground connection, rear right seat riser V70
20/22-26	Glow plug	31/73	Ground connection, rear right seat riser XC90
20/46-53	Spark plug with ignition coil, 8-cyl.	31/83	Ground connection, A-pillar, left side V70
26/4	Converter, tow hitch cable harness V70	31/83	Ground connection, A-pillar, left side XC90
26/4	Converter, tow hitch cable harness XC90	31/84	Ground connection, A-pillar, right side V70
27/3	Left Camera Module (LCM)	31/84	Ground connection, A-pillar, right side XC90
27/4	Right Camera Module (RCM)	31/88	Ground connection, engine ignition coils, group 1
31/1	Ground connection, right MacPherson strut tower, V70	31/88	Ground connection, engine ignition coils, 8-cyl.
31/1	Ground connection, right MacPherson strut tower, XC90	31/89	Ground connection, engine ignition coils, group 2
31/2	Ground connection, left MacPherson strut tower, V70	31/89	Ground connection, engine ignition coils, 8-cyl.
31/2	Ground connection, left MacPherson strut tower, XC90	31/90	Ground connection, engine ignition coils, 8-cyl.
31/4	Ground connection, engine	31/91	Ground connection, engine
31/6	Ground connection, A-pillar, left side V70	31/93	Ground connection, left MacPherson strut tower, V70
31/6	Ground connection, A-pillar, left side XC90	31/93	Ground connection, left MacPherson strut tower, XC90
31/10	Ground connection, A-pillar, right side V70	31/94	Ground connection, right MacPherson strut tower, V70
31/10	Ground connection, A-pillar, right side XC90	31/94	Ground connection, right MacPherson strut tower, XC90
31/44	Ground connection, left-hand side member, lower engine compartment V70	31/95	Ground connection, left MacPherson strut tower, V70
31/44	Ground connection, left-hand side member, lower engine compartment XC90	31/95	Ground connection, left MacPherson strut tower, XC90
31/46	Ground connection, rear left seat riser V70	31/96	Ground connection, right MacPherson strut tower, V70
31/46	Ground connection, rear left seat riser XC90	31/96	Ground connection, right MacPherson strut tower, XC90
31/47	Ground connection, rear left seat riser V70	31/98	Ground connection, upper windshield member V70
31/47	Ground connection, rear left seat riser XC90	31/98	Ground connection, upper windshield member XC90
31/48	Ground connection, rear right seat riser V70	31/99	Ground connection, Side window left
31/48	Ground connection, rear right seat riser XC90	31/100	Engine ignition coils, 8-cyl.
31/53	Ground connection, firewall, V70	31/102	Ground connection, front member V70
31/53	Ground connection, firewall XC90	31/102	Ground connection, front member XC90
31/66	Ground connection, front seat riser, left-hand side V70	31/118	Ground connection, between front seats under the armrest
31/66	Ground connection, front seat riser, left-hand side XC90	31/120	Ground connection, cargo compartment V70
31/67	Ground connection, front seat riser, right-hand side V70	31/120	Ground connection, cargo compartment XC90
31/67	Ground connection, front seat riser, right-hand side XC90		

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53/no.	Branching point	54/40D	Connector
		54/43	Connector
54/1	Connector V70	54/43B	Connector
		54/50	Connector V70
54/1	Connector XC90	54/50	Connector XC90
		54/53	Connector
54/1B	Connector V70	54/54	Connector
		54/55	Connector V70
54/1B	Connector XC90	54/55	Connector XC90
		54/56	Connector V70
54/1C	Connector	54/56	Connector XC90
54/3.1	Connector V70	54/57.1	Connector V70
54/3.1	Connector XC90	54/57.1	Connector XC90
54/3.2	Connector V70	54/66.1	Connector
54/3.2	Connector XC90	54/66.2	Connector
54/4	Connector	54/74	Connector
54/7	Connector	54/74B	Connector
54/8	Connector V70	54/98	Connector
54/8	Connector XC90	54/100	Connector
54/9	Connector V70	54/106	Connector
54/9	Connector XC90	54/107	Connector
54/10	Connector V70	54/109	Connector
54/10	Connector XC90	54/112	Connector
54/11	Connector V70	54/113	Connector
54/11	Connector XC90	54/117	Connector
54/12	Connector V70	54/122	Connector
54/12	Connector XC90	54/132	Connector V70
54/13	Connector V70	54/132	Connector XC90
54/13	Connector XC90	54/274	Connector
54/14	Connector	54/275	Connector
54/16	Connector	54/303	Connector
54/20	Connector	54/1300	Connector V70
54/21	Connector	54/1300	Connector XC90
54/22	Connector V70	54/1400	Connector V70
54/22	Connector XC90	54/1400	Connector XC90
54/23	Connector V70		
54/23	Connector XC90	4X/78	Connector interface, original car
54/24	Connector	9X/25	Connector interface, original car
54/25	Connector	16X/1	Connector interface, original car
54/32	Connector	16X/26	Connector interface, original car
54/34	Connector	16X/45	Connector interface, original car
54/35	Connector	16X/57	Connector interface, original car
54/36	Connector V70	16X/58	Connector interface, original car
54/36	Connector XC90	16X/105	Connector interface, original car
54/39	Connector	54X/no.	Connector interface, original car
54/40B	Connector		
54/40C	Connector	A1	Connecting rail to 15/31

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