

VOLVO
for life

VOLVO
WIRING DIAGRAM V70/V70R/XC70/XC90

TP 3998202
2007

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

Warning!

Extra caution must be exercised when working on vehicles equipped with SRS/SIPS bag/IC in order to avoid:

1. Personal injuries when performing repair work.
2. Damage or malfunction of the SRS/SIPS bag/IC system.

Work involving the SRS/SIPS bag/IC systems or other components in the vehicle that may affect the SRS/SIPS bag/IC systems must always be performed by an authorized Volvo workshop.

In case of doubt, consult the SRS and SIPS bag/IC service manual.

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

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

General recommendations

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

Test terminal

Data link connector in the passenger compartment.

Changes introduced up to and including April 2006

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 3998202

Replaces earlier publication 3998201 of Electronic Wiring Diagram (EWD)
TP 39101001

Can also be found in Electronic Wiring Diagram (EWD) TP 39102001

We reserve the right to make modifications.

Table of Contents 1:3

Vehicles with SRS (Airbag)/SIPS bag/ IC (Inflatable Curtain).....	2
Abbreviations	7
How to use the wiring diagrams 1:2.....	8
Electrical distribution V70 1:2	10
Electrical distribution XC90 1:2.....	12
Fuses	
Engine compartment 11A/1-5	14
Engine compartment 11B/1-11	15
Engine compartment 11B/12-14	16
Engine compartment 11B/15	17
Engine compartment 11B/16-20	18
Passenger compartment 11C/1-4	19
Passenger compartment 11C/5-7.....	20
Passenger compartment 11C/8-11.....	21
Passenger compartment 11C/12-14.....	22
Cargo compartment 11E/1-7	23
Cargo compartment 11L/1 - 11M/1-2.....	24
Central Electronic Module (CEM) F1-F14.....	25
Central Electronic Module (CEM) F15-F34.....	26
Rear Electronic Module (REM) F1-F7	27
Rear Electronic Module (REM) F8-F28	28
Rear Electronic Module (REM) F29-F38	29
Relays	
Ignition switch and relays.....	30
Engine compartment FMA1 - FST3	31
Other relays	32
Ground connections	
Overview.....	33
31/1 - 31/44	34
31/46 - 31/67	35
31/70 - 31/73	36
31/83 - 31/84	37
31/88 - 31/91	38
31/93 - 31/94	39
31/95 - 31/100	40
31/102 - 31/120	41
Control modules	
Overview positions V70	42
Overview designations V70	43
Overview positions XC90.....	44
Overview designations XC90	45
Central Electronic Module (CEM) 1:2	46
Rear Electronic Module (REM) 1:2	48
Data communication high speed CAN V70.....	50
Data communication high speed CAN XC90.....	51
Data communication low speed CAN V70	52
Data communication low speed CAN XC90	53
Data communication LIN 1:2.....	54
Data communication MOST XC90.....	56
Group 23 Fuel system	
Engine management system, Diesel 1:3	57
Engine management system, 5-cyl. 1:2.....	60
Engine management system, 5-cyl. Turbo 1:2	62
Engine management system, 6-cyl. 1:2.....	64
Engine management system, Bi-Fuel 1:2	66
Engine management system, 8-cyl. 1:2.....	68
Emission control, 5-cyl.....	70
Emission control, 5-cyl. Turbo.....	71
Emission control, 6-cyl.....	72
Emission control, 8-cyl. XC90.....	73
Group 26 Cooling system	
Cooling fan.....	74
Cooling fan, Diesel, 6-cyl. & 8-cyl.....	75
Group 27 Engine control	
Cruise control	76
Cruise control, Diesel, 6-cyl. & 8-cyl	77
Group 32 Alternator and voltage regulator	
Power supply	78
Group 33 Starting system	
Starting system	79
Starting system, Diesel, 6-cyl. & 8-cyl.....	80

Table of Contents 2:3

Group 35 Lighting

High and low beams/Bi-Xenon & Daytime running lights V70	81
High and low beams/Bi-Xenon & Daytime running lights XC90	82
Active headlights (ABL)	83
Fog lights	84
Brake lights	85
Reversing lights	86
Follow-me-home lighting	87
Running/parking lights, tail lights & license plate lighting V70	88
Running/parking lights, tail lights & license plate lighting XC90	89
Interior lighting V70	90
Interior lighting XC90	91
Beam length adjustment V70	92
Beam length adjustment XC90	93
Auxiliary lights	94

Group 36 Additional electrical equipment

Rain sensor	95
Direction indicators and hazard warning flashers V70	96
Direction indicators and hazard warning flashers XC90	97
Wiper/washer Windshield	98
Wiper/washer Headlights V70	99
High pressure headlight washer	100
Wiper/washer Rear window	101
Horn	102
Electronic immobilizer	103
Anti-theft alarm V70	104
Anti-theft alarm XC90	105
Parking assistance	106
Parking camera XC90	107
AEM & Parking camera, XC90	108
Accessory Electronic Module (AEM) 1:2	109

Group 37 Wiring and fuses

Diagnostics system	111
12V outlet	112
Tow hitch cable harness, 4-pin	113
Tow hitch cable harness, 4/7-pin	114
Tow hitch cable harness, 7-pin	115
Tow hitch cable harness, 13-pin	116

Group 38 Instruments

Seat belt reminder	117
Driver information module	118
Driver information module, Bi-Fuel	119
Driver information module, Diesel	120
Driver information module, 6-cyl.	121
Driver information module, 8-cyl.	122

Group 39 Other

Audio V70	123
Audio with auxiliary amplifier V70 1:2	124
Audio XC90	126
Audio Performance XC90	127
Road Traffic Information module (RTI) V70	128
Turn-by-Turn, navigation system V70	129
Road Traffic Information module (RTI) XC90	130
Handsfree V70	131
Handsfree XC90	132
Handsfree MAX V70	133
Handsfree MAX XC90	134
CD changer V70	135
RTI & CD changer V70	136
MP3 player V70	137
Cellular phone V70	138
Subwoofer V70	139
Subwoofer XC90	140
Infotainment XC90	141
Satellite radio V70	142
Satellite radio XC90	143
Rear Seat Entertainment V70 1:2	144
Rear Seat Entertainment XC90 1:2	146
Rear Seat Entertainment XC90	148

Group 43 Transmission

Automatic transmission AW55-50/51SN/ AW50/51AWD	149
Automatic transmission TF-80SC AWD	150
Automatic transmission TF-80SC / TF-80SC AWD, 6-cyl. & Diesel	151
Geartronic	152
Shift lock	153
Differential Electronic Module (DEM)	154

Group 59 Brake system

Brake control system	155
----------------------------	-----

Table of Contents 3:3

Group 64 Steering

Electronic power steering 156

Group 76 Shock absorbers

Four-C V70 157

Group 83 Doors and openings

Central locking system V70 158

Central locking system XC90 159

Power windows 160

Power sunroof 161

Group 84 Exterior decorative elements, etc.

Power exterior rearview mirrors 162

Heated exterior rearview mirrors with camera function 163

Heated exterior rearview mirrors 164

Heated rear window 165

Group 85 Interior equipment

Power driver's seat 166

Power passenger seat 167

Heated seats 168

Group 87 Climate control system

Rear climate control system XC90 169

Climate control system 1:2 170

Climate control system, Diesel, 6-cyl. & 8-cyl. 1:2 172

Parking heater, auxiliary heater 174

Relay, electric engine heater 175

Remote parking heater start V70 176

Parking heater call start V70 177

Auxiliary heater V70 178

Group 88 Internal equipment

Remote garage door opener 179

Supplemental Restraint System module (SRS) V70 180

Supplemental Restraint System module (SRS) XC90 181

Connectors 182

Branching points 213

Cable harness routine in vehicle

Engine harness Gasoline 226

Engine harness Gasoline 6-cyl 227

Engine harness Diesel 228

Engine compartment harness LHD, V70 229

Engine compartment harness RHD, V70 230

Engine compartment harness LHD, XC90 231

Engine compartment harness RHD, XC90 232

Passenger compartment harness LHD, V70 233

Passenger compartment harness RHD, V70 234

Passenger compartment harness LHD, XC90 235

Passenger compartment harness RHD, XC90 236

Cargo compartment harness V70 237

Cargo compartment harness XC90 238

Roof harness & Inflatable curtain harness V70 239

Tailgate harness V70 239

Roof harness XC90 240

Tailgate harness XC90 240

Door harness V70 241

Door harness XC90 242

Bi-Fuel harnesses V70 243

Rear seat entertainment V70 244

Rear seat entertainment XC90 245

Component illustrations 246

Index 1:2 326

List of components 1:9 328

Explanations

Abbreviations

Groups

Group 23	= Fuel system
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
Group 37	= Wiring and fuses
Group 38	= Instruments
Group 39	= Other
Group 43	= Transmission
Group 59	= Brake system
Group 64	= Steering
Group 76	= Shock absorbers
Group 83	= Doors and openings
Group 84	= Exterior decorative elements, etc.
Group 85	= Interior equipment
Group 87	= Climate control system
Group 88	= Internal equipment

Ignition switch symbols

X	= Accessories (audio position)
S	= Powered upon insertion of key
15	= Contact remains connected during start
15I	= 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
DIESEL	= D5244 T4/T5/T6/T7
DRL	= Daytime Running Lights
DSTC	= Dynamic Stability Traction Control
ECC	= Electronic climate control system
ECPS	= Electronic power steering
EXC	= Exclusive
EXT. D	= Extended electrical distribution
HISPEED	= High speed data bus
LH	= Left-hand side
LHD	= Left-hand drive
LOSPEED	= Low speed data bus
MAN	= Manual transmission
MCC	= Manual Climate Control
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
NL	= Natural
LBL	= Light Blue
LGN	= Light Green
OR	= Orange
P	= Pink
R	= Red
SB	= Black
VO	= Violet
W	= White
Y	= Yellow

How to use the wiring diagrams 1:2

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

A. Component designation

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

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

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

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

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

List of type numbers

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

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

B. Branching points

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

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

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

C. Connectors

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

D. Electrical distribution

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

E. Data communication

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

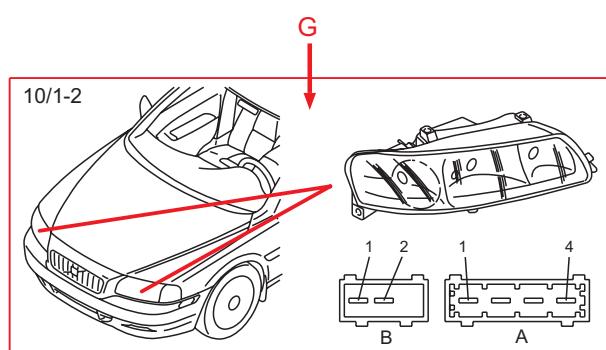
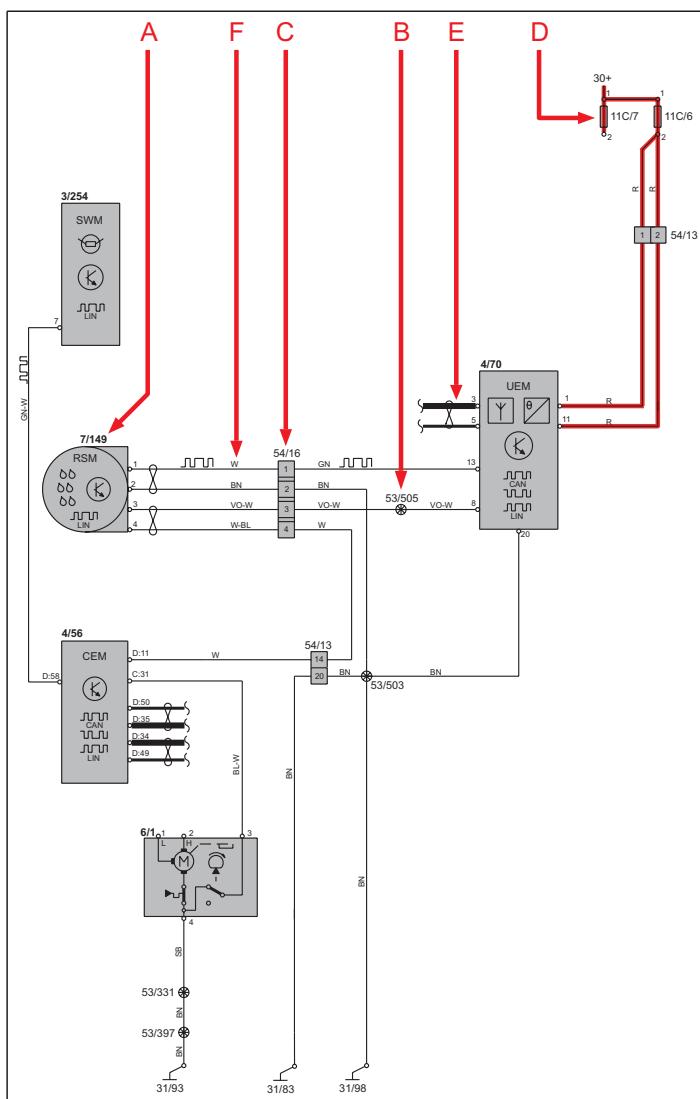
F. Abbreviations

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

G. Component location

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

How to use the wiring diagrams 2:2

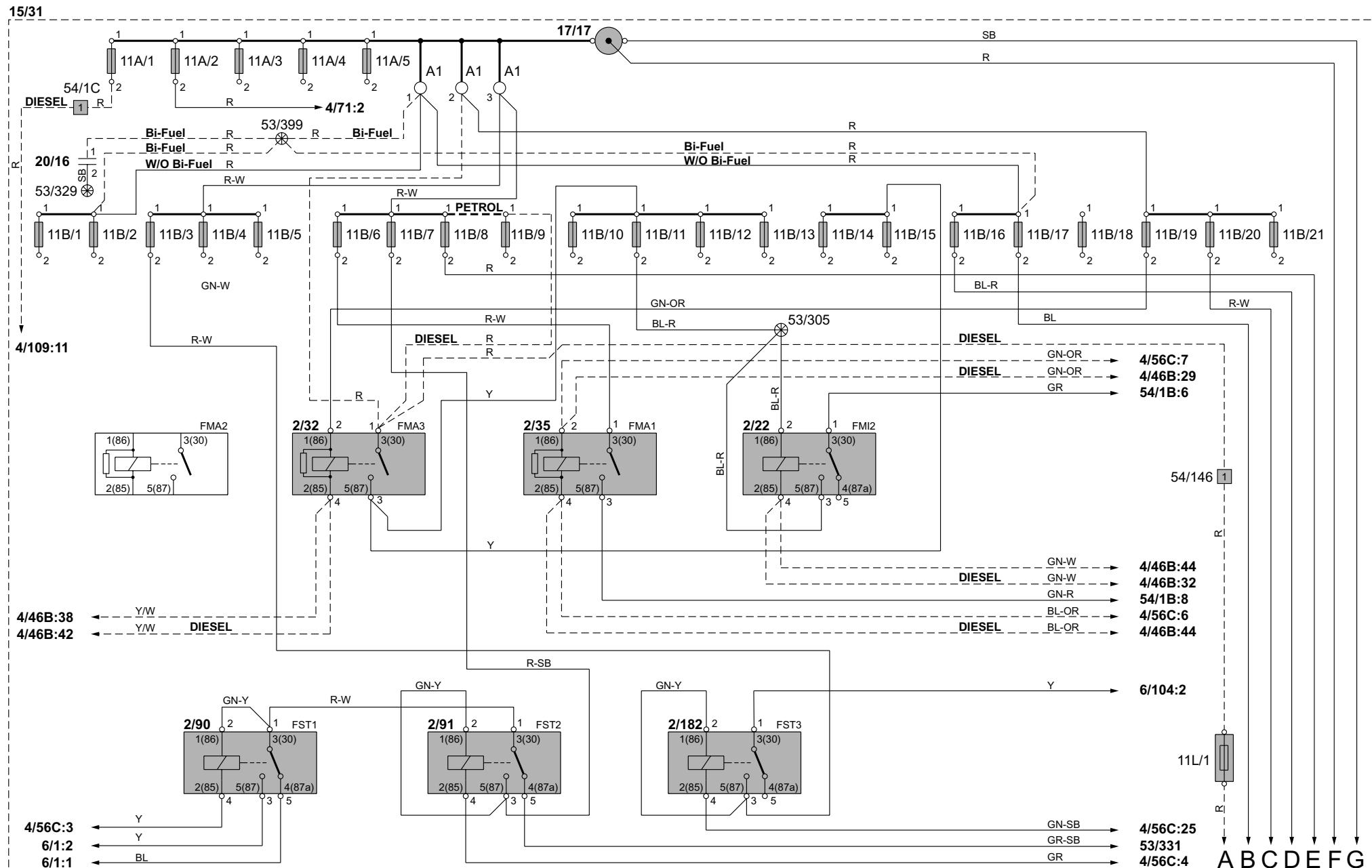


List of symbols

- = System voltage
- = Ground connection via wiring
- = Ground connection in component/chassis
- = Screened wire
- = Junction point
- = Twisted cable
- = Electrical connection
- = Variant
- = CAN communication
- = CAN high data signal (CAN H)
- = CAN low data signal (CAN L)
- = LIN communication
- = DIN cable, coaxial cable, etc.
- = Data communication
- = CAN communication
- = MOST communication
- = MOST communication
- = Connection with distribution box
- = Further connection to...
- = Connector between cable harnesses
- = Connector connected in component

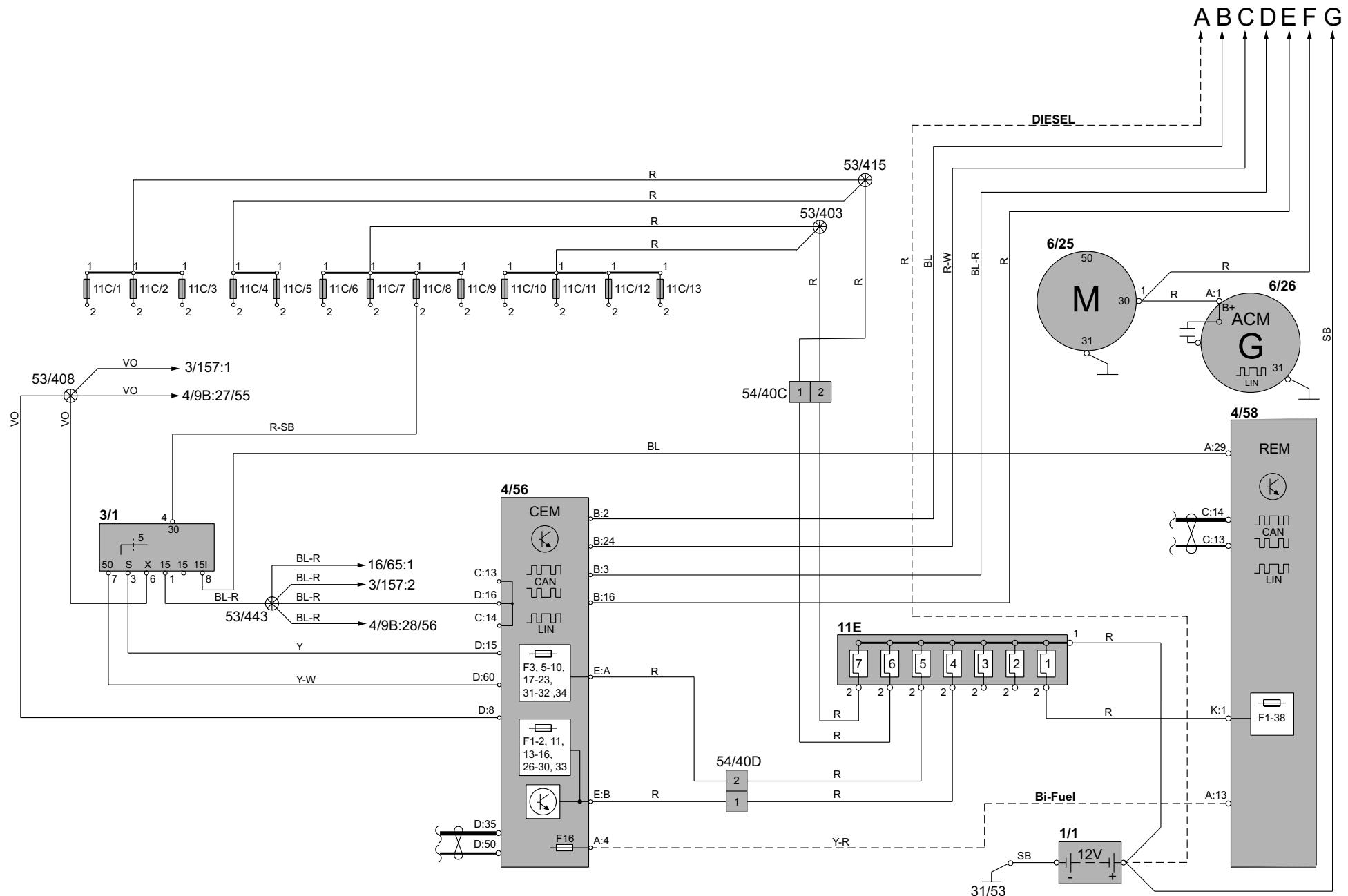
Electrical distribution V70 1:2

Overview



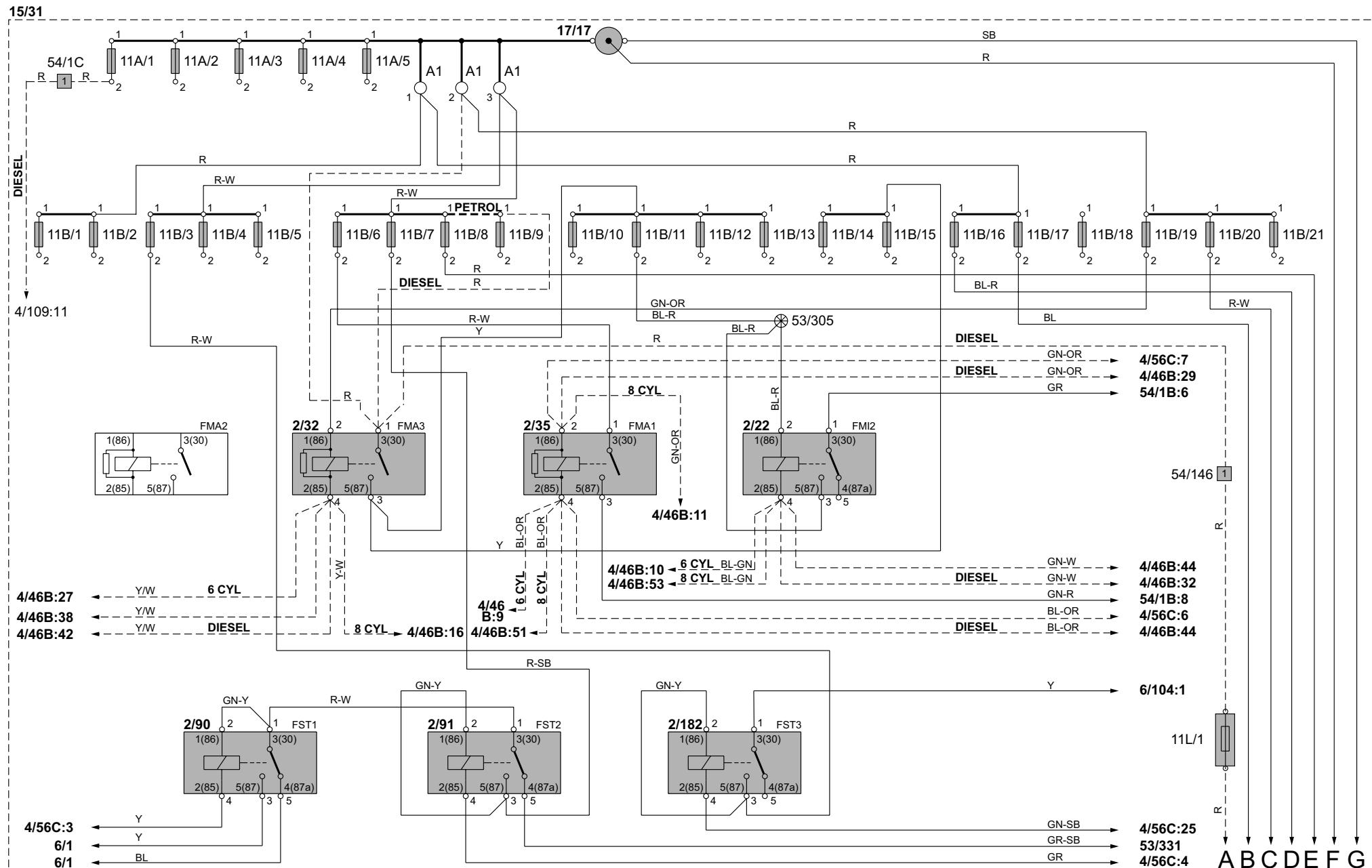
Electrical distribution V70 2:2

Overview



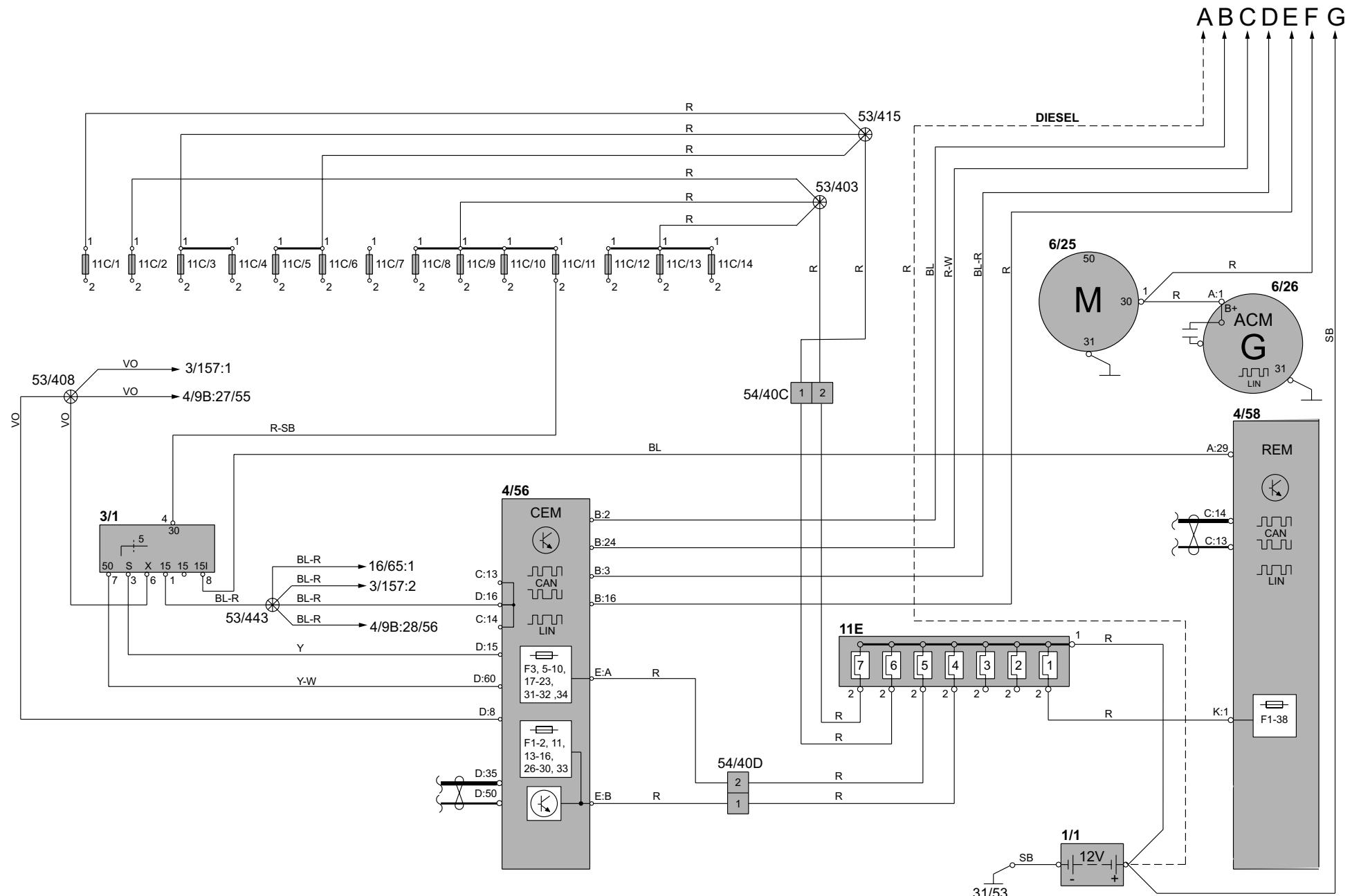
Electrical distribution XC90 1:2

Overview



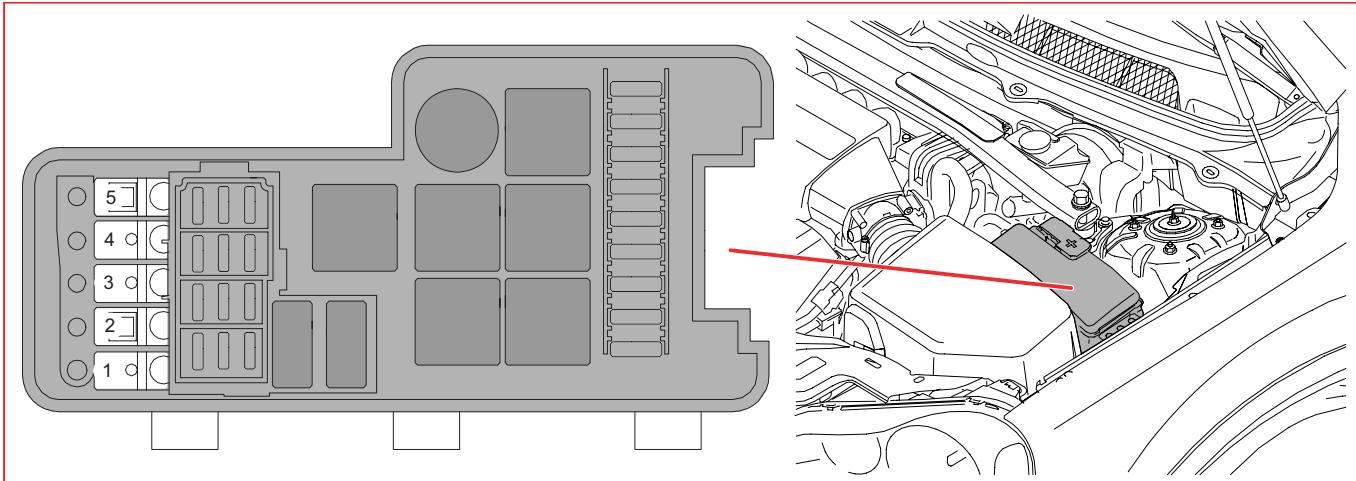
Electrical distribution XC90 2:2

Overview



Fuses

Engine compartment 11A/1-5

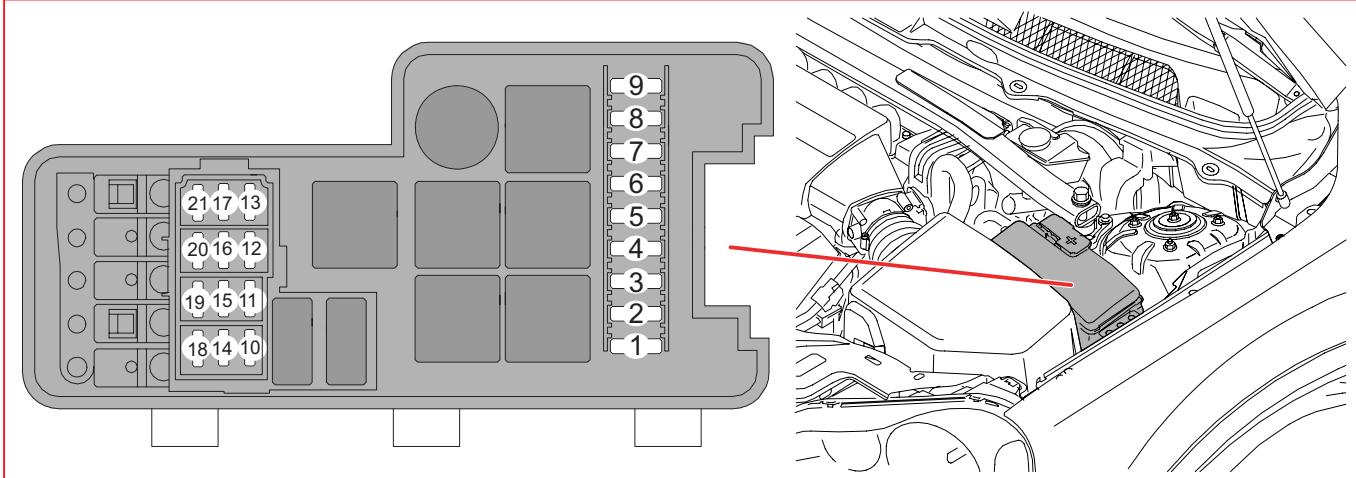


11A Fuses in engine compartment

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

Fuses

Engine compartment 11B/1-11



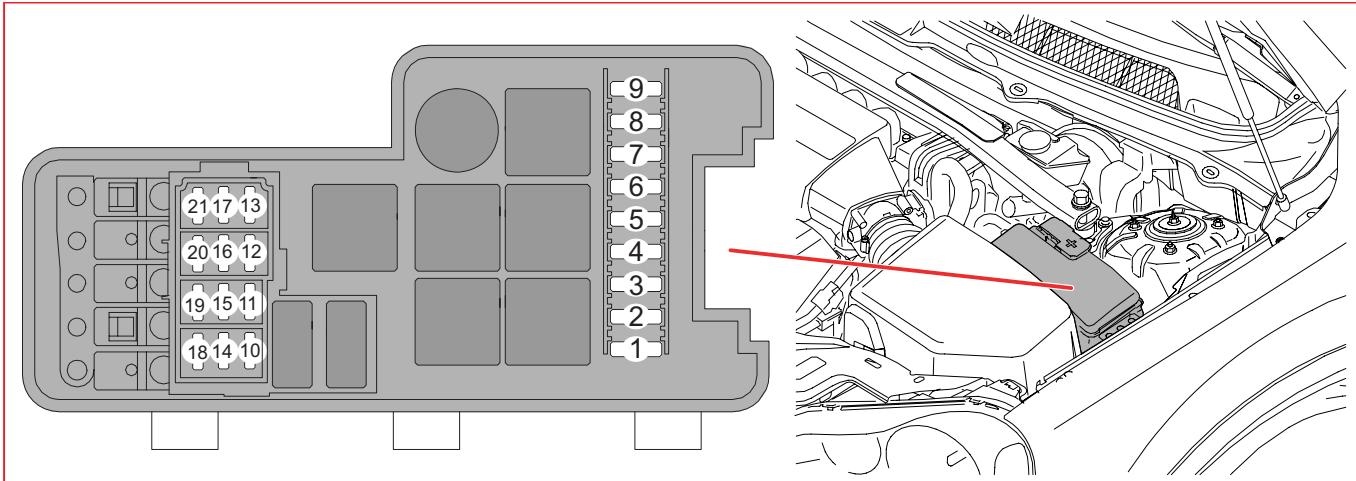
11B Fuses in engine compartment

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	4/83 Control module fuel pump 6/31 Feed pump, ejectors 6/33 Fuel pump	4/56 4/56 4/56	15
9	4/28 Transmission Control Module (TCM), TF-80SC/TF-80SC AWD	-	15
10	4/46 Engine Control Module (ECM), Diesel 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.	- - - -	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



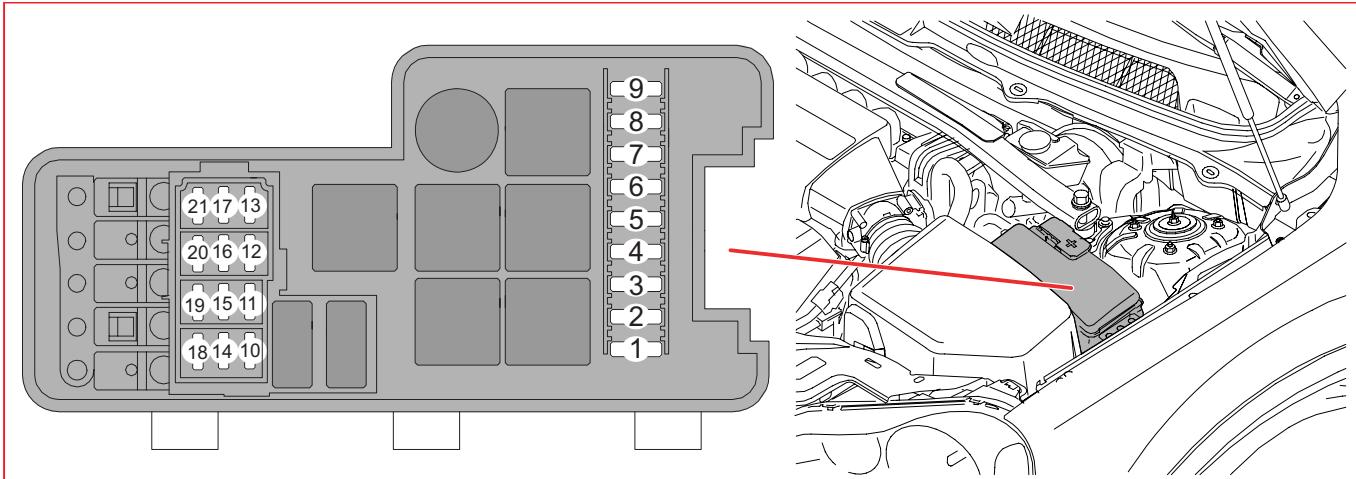
11B Fuses in the engine compartment

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.	-	
	8/146-8/153 Injection valves, 8-cyl.	-	
13	4/46 Engine Control Module (ECM), 5-cyl. normally aspirated/8-cyl.	-	10
	4/50 Electronic Throttle Module (ETM), Bi-Fuel	-	
	6/120 Throttle body motor, 5-cyl. normally aspirated/8-cyl.	4/46	
	4/46 Engine Control Module (ECM), Diesel	-	15
	6/118 Fuel swirl pump, Diesel	4/46	
	6/120 Throttle body motor, Diesel	4/46	
	6/139 Upper actuating motor, intake manifold	-	
	6/140 Lower actuating motor, intake manifold	-	
	8/98 Fuel pressure regulator, Diesel	4/46	
14	8/111 High-pressure solenoid valve, Diesel	4/46	
	7/15 Heated oxygen sensor, Diesel	-	10
	4/46 Engine Control Module (ECM), Bi-Fuel	-	20
	7/15 Heated oxygen sensor	-	
	7/82 Heated oxygen sensor, diagnosis 1	-	
	7/103 Heated oxygen sensor 3	-	
	7/15 Front heated oxygen sensor, bank 2, 8-cyl.	-	20
	7/82 Front heated oxygen sensor, bank 1, 8-cyl.	-	
	7/103 Rear heated oxygen sensor, bank 2, 8-cyl.	-	
	7/104 Rear heated oxygen sensor, bank 1, 8-cyl.	-	

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Fuses

Engine compartment 11B/15

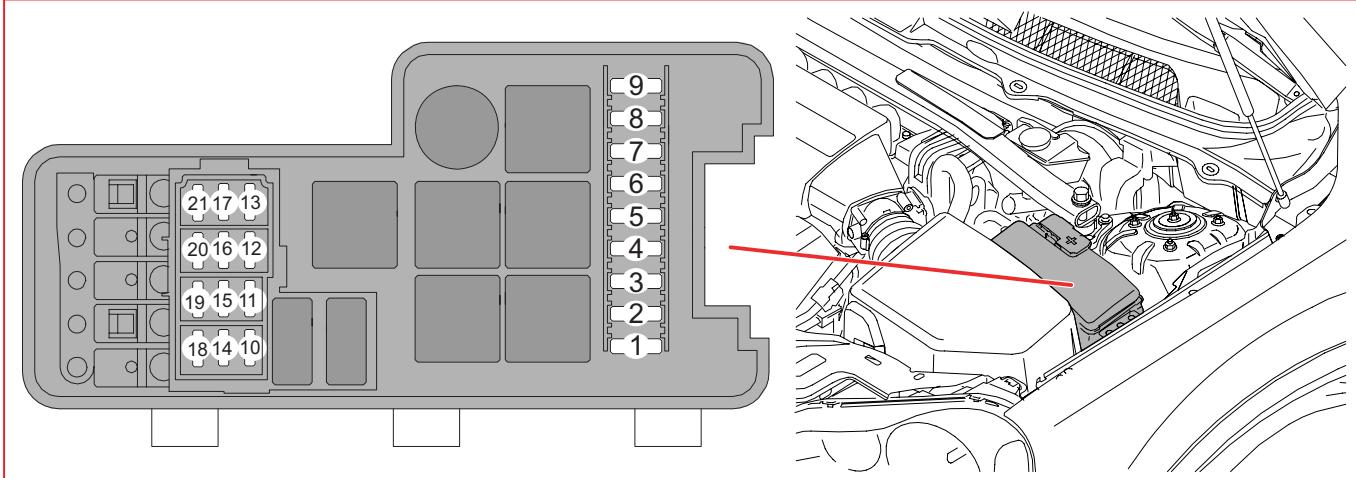


11B Fuses in the engine compartment

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

Engine compartment 11B/16-20

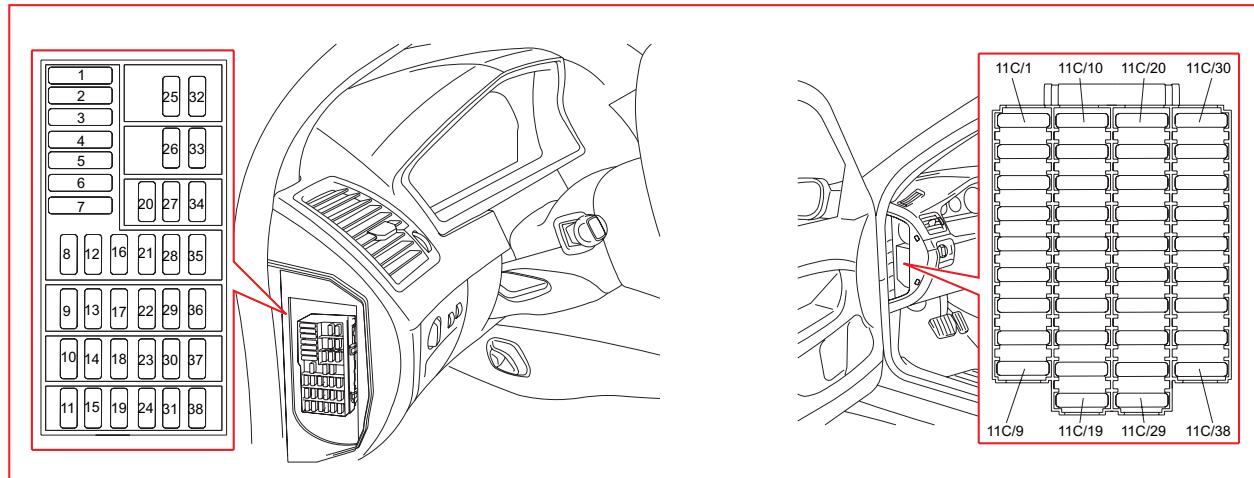


11B Fuses in the engine compartment

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

Fuses

Passenger compartment 11C/1-4



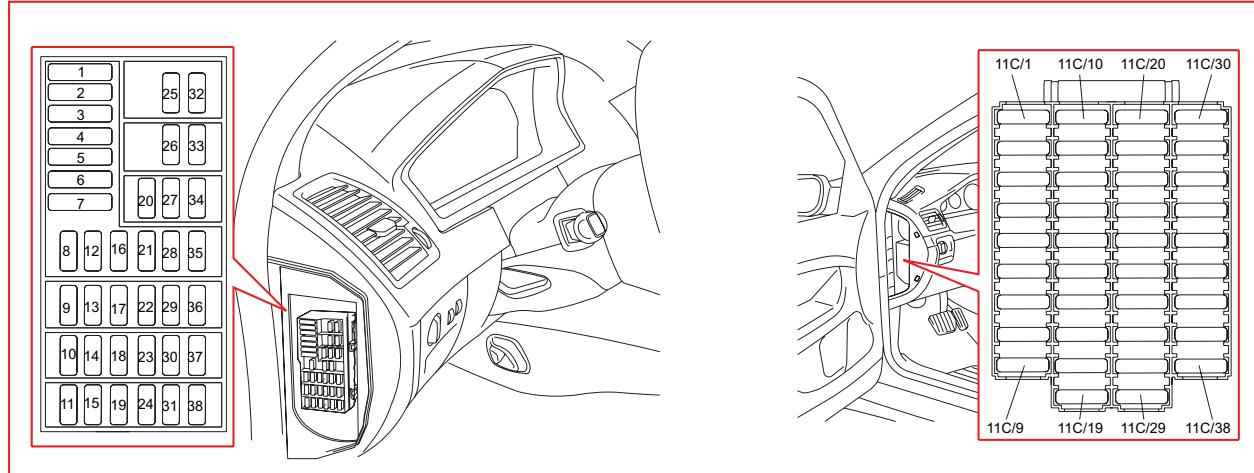
11C Fuses in the passenger compartment

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

continues

Fuses

Passenger compartment 11C/5-7



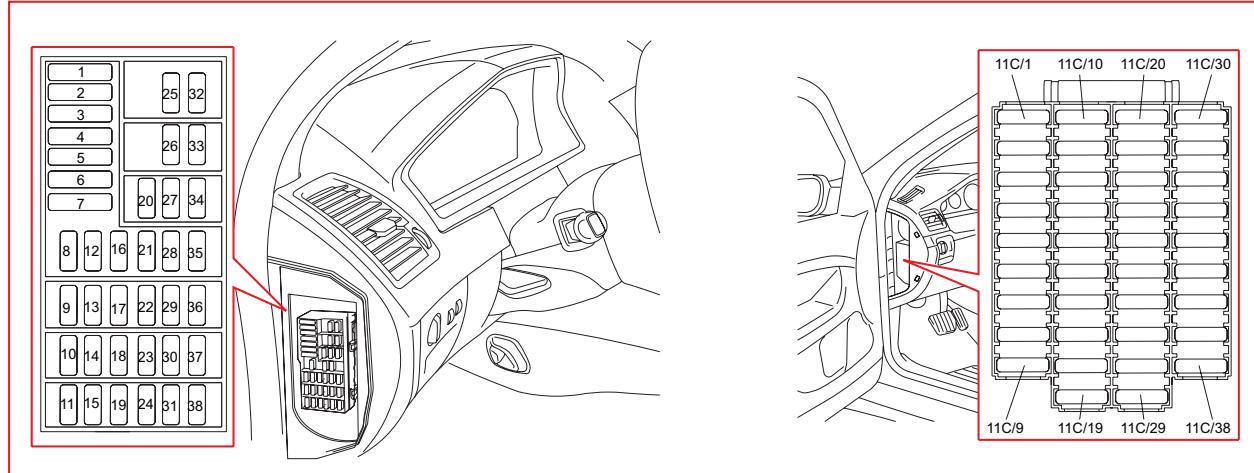
11C Fuses in the passenger compartment

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	
7	3/127 Passenger/Driver Door Module (PDM)/(DDM), XC90	-	25
	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



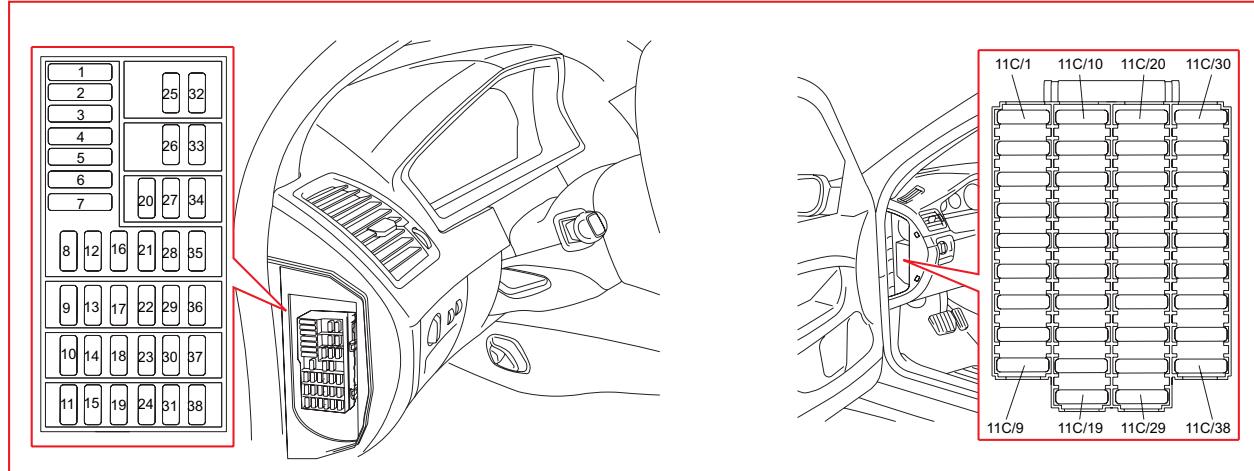
11C Fuses in the passenger compartment

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

continues

Fuses

Passenger compartment 11C/12-14

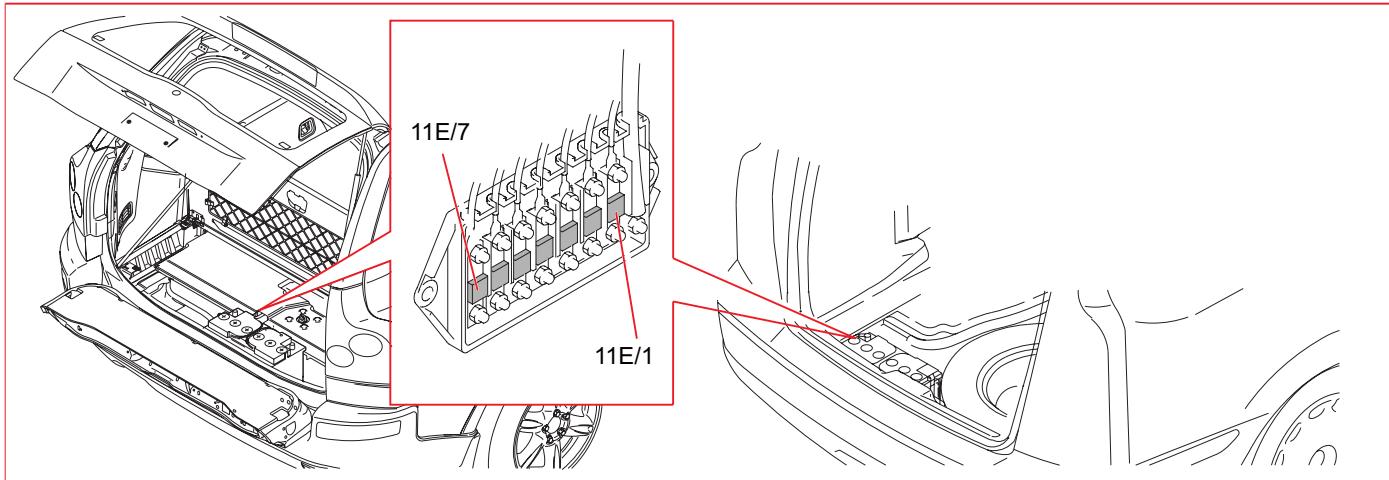


11C Fuses in the passenger compartment

No.	Fuse function	via	A
12	16/46 RTI display, V70 3/117 Ceiling light switch unit, XC90 4/33 Sun Roof Module (SRM), XC90 4/70 Upper Electronic Module (UEM), XC90 4/76 Remote controlled garage door opener, XC90 7/149 Rain Sensor Module (RSM), XC90 10/114 Left-hand vanity mirror lighting, XC90 10/115 Right-hand vanity mirror lighting, XC90 10/150 Rear reading light, XC90 10/172 Reading light, third row of seats, XC90	- 4/70 4/70 - 4/70 4/70 4/70 4/70 4/70 4/70	10
13	16/60 Phone Module (PHM), V70 4/70 Upper Electronic Module (UEM), XC90 6/15 Sunroof motor, XC90	- - 4/33	5 15 -
14	16/60 Phone Module (PHM), XC90	-	5

Fuses

Cargo compartment 11E/1-7

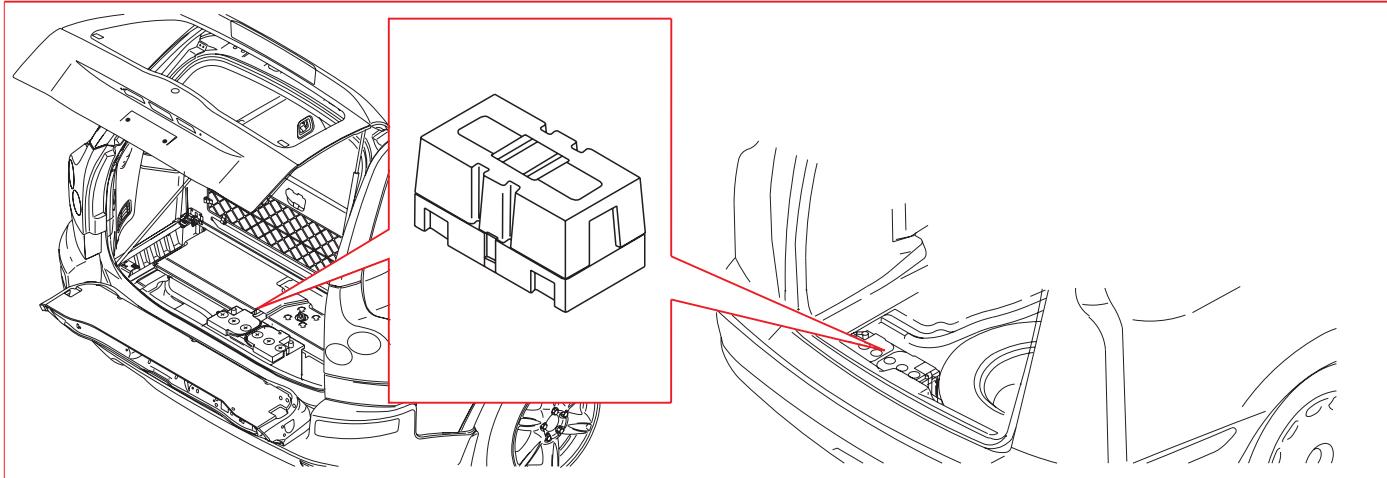


11E Fuses by battery

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

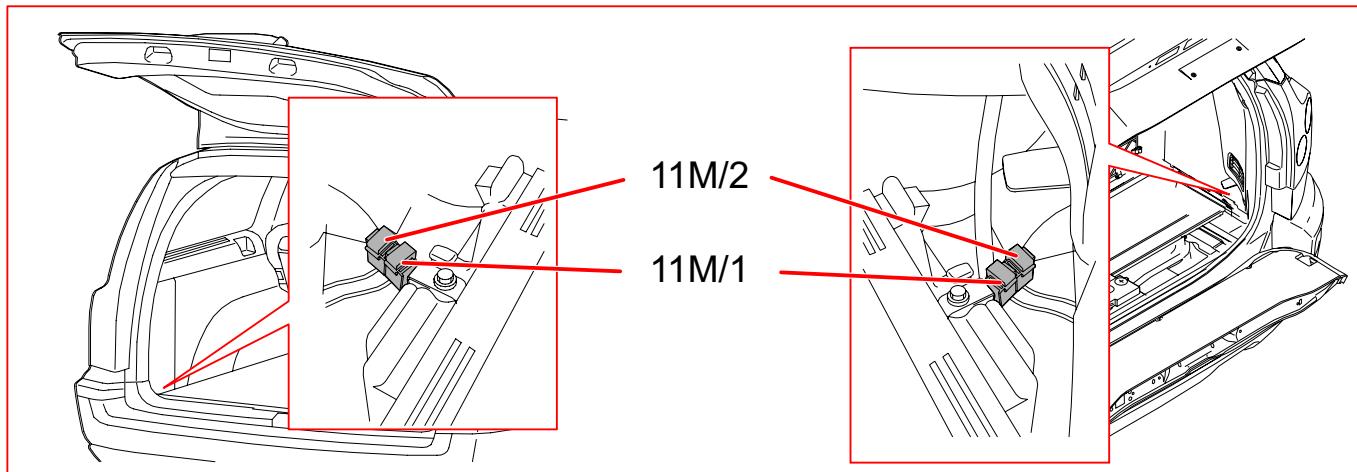
Fuses

Cargo compartment 11L/1 - 11M/1-2



11L Fuse Diesel

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

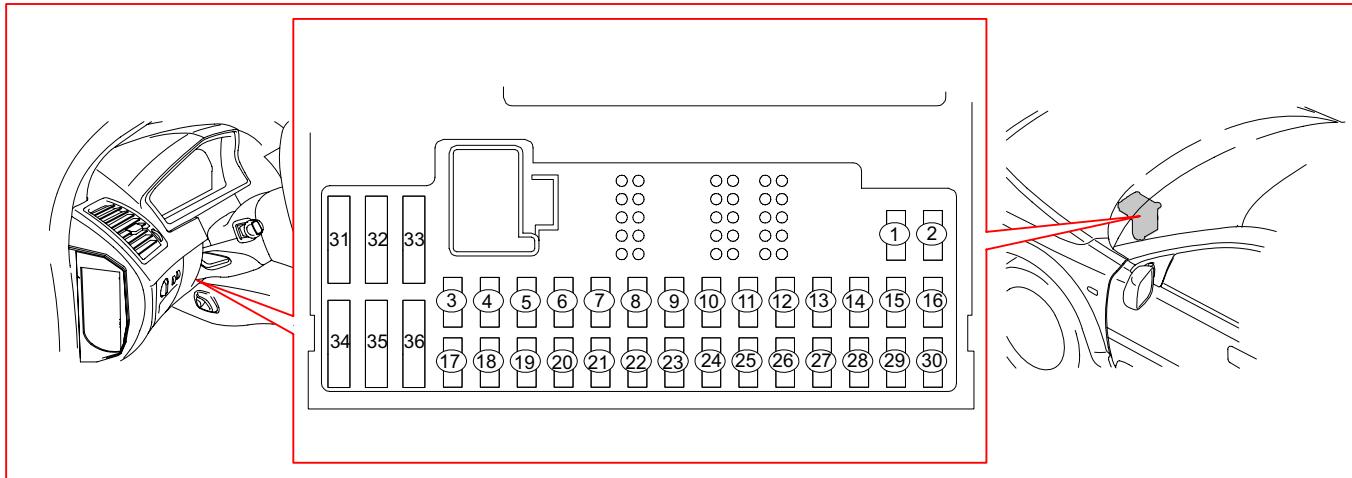


11M/1-2 Fuses in spare fuse holder, cargo compartment

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

Fuses

Central Electronic Module (CEM) F1-F14



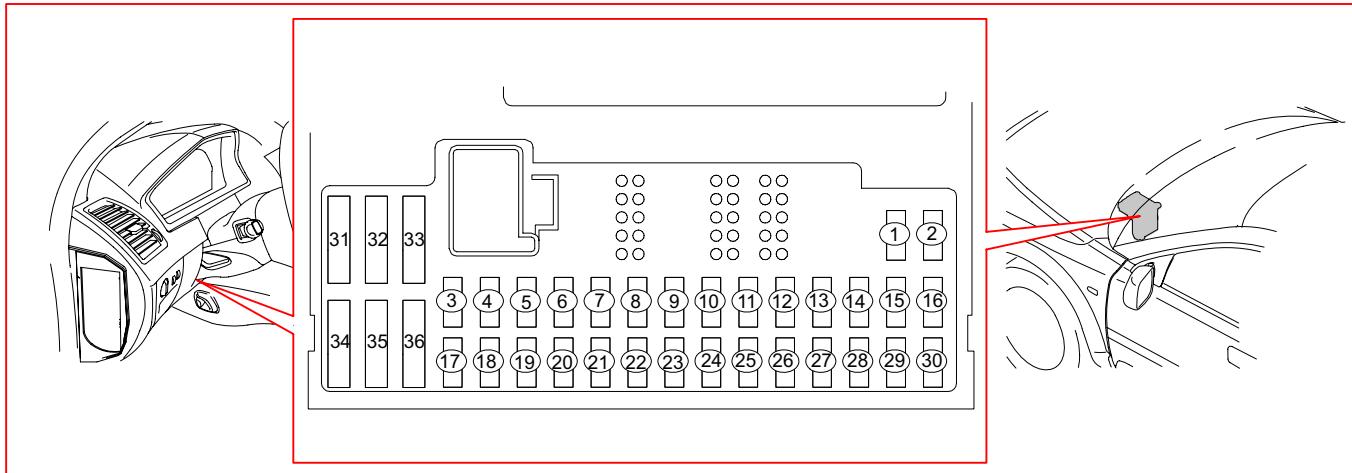
4/56 Central Electronic Module (CEM)

No.	Fuse function	via	A
F1	9/13 Seat Heating Module (SHM), right-hand	-	15
F2	9/12 Seat Heating Module (SHM), left-hand	-	15
F3	16/10 Horn 1	-	15
	16/11 Horn 2, V70	-	
F5	16/46 Multimedia display, XC90	-	10
	16/94 Infotainment Control Module (ICM), XC90	-	
	16/105 Audio Module (AUD)	-	
	16/108 Multimedia Module (MMM), XC90	-	
	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 M/2 Fuse in spare fuse holder, cargo compartment	-	
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

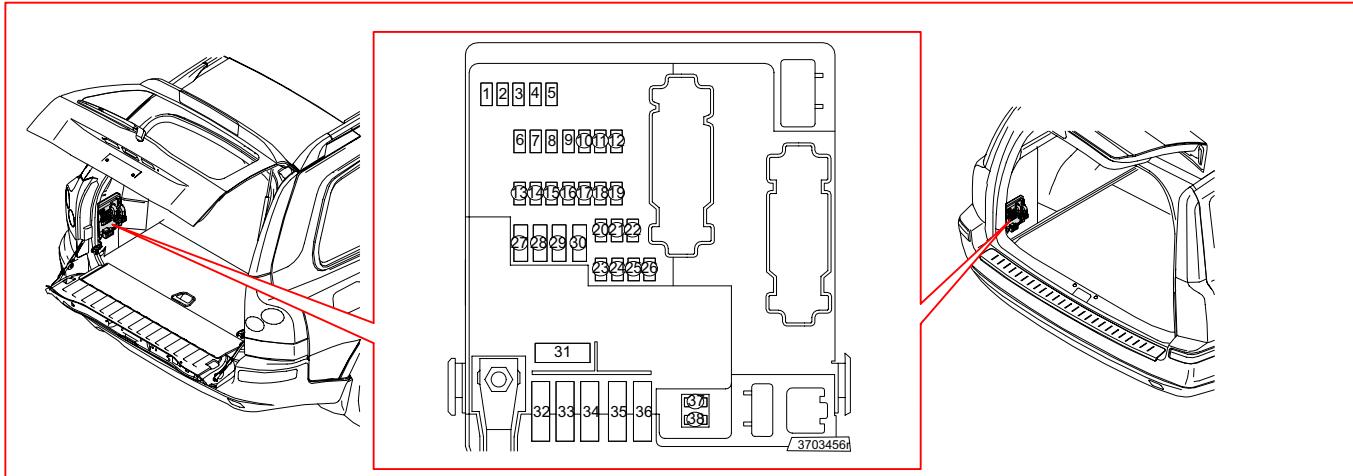


4/56 Central Electronic Module (CEM)

No.	Fuse function	via	A
F15	4/16 Brake Control Module (BCM)	-	5
F16	4/99 Electronic Power Steering module 4/118 Headlight Control Module (HCM) 6/38 Motor, left headlight adjustment 6/39 Motor, right headlight adjustment 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 10/1 Left front lamp housing, Bi-Xenon 10/2 Right front lamp housing, Bi-Xenon	4/58 4/58 4/58	10
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) 4/28 Transmission Control Module (TCM) 8/36 Solenoid shift lock 8/134 Solenoid, reverse interlock, manual	3/156	10
F22	10/68 High beam, left	-	10
F23	10/64 High beam, right	-	10
F28	3/27 Switch unit, power passenger seat 16/1 Audio Module (AUM), V70 16/46 RTI display, accessory, V70 16/93 Control module, cellular phone handsfree, V70	-	5
F30	27/3 Left Camera Module (LCM) 27/4 Right Camera Module (RCM)	-	5
F33	6/114 Vacuum pump	8/84	20
F34	6/3 Right-hand headlight wiper motor, V70 6/4 Left-hand headlight wiper motor, V70 6/127 Washer motor	-	15

Fuses

Rear Electronic Module (REM) F1-F7



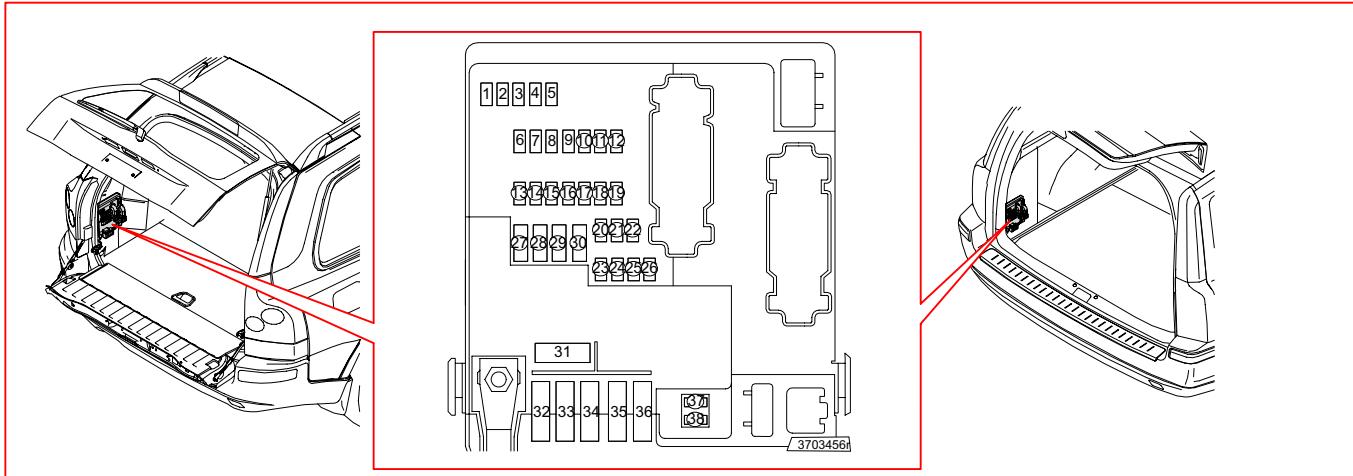
4/58 Rear Electronic Module (REM)

No.	Fuse function	via	A
F1	10/48 Reversing light, right 10/55 Reversing light, left 16/122 Rear Audio Separation module (RAS) 54/98 Connector, cable harness, rear seat entertainment, reverse gear signal, XC90	-	10
F2	10/3 License plate lighting 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	- - - - - - - - -	20
F3	4/78 Accessory Electronic Module (AEM) 4/106 Control module, remote parking heater start	- -	15
F5	4/58 Rear Electronic Module (REM)	-	10
F6	16/15 CD changer, V70 16/36 TV receiver, V70 16/45 Road Traffic Information module (RTI), V70 16/46 RTI display, accessory, V70 16/81 Screen, XC90 16/82 DVD player, XC90 16/149 MP3 player, V70 54/98 Connector cable harness Rear Seat Entertainment, 30-feed, XC90	16/45 - - - - - - -	7.5
F7	17/39 13-pin outlet, tow hitch cable harness 2/238 Relay, audio disconnection, V70 16/45 Traffic information module, Turn-by-Turn 16/49 Traffic Message Channel module, V70	- - - -	15

continues

Fuses

Rear Electronic Module (REM) F8-F28



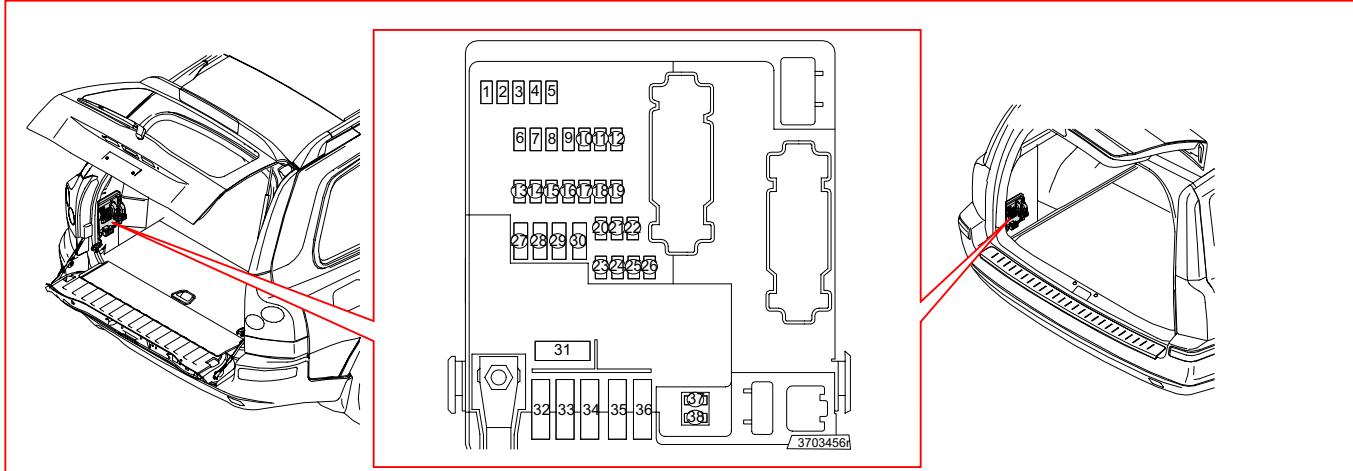
4/58 Rear Electronic Module (REM)

No.	Fuse function	via	A
F8	17/19 12V outlet, cargo compartment	-	15
F9	2/139 Deadlock relay, right-hand rear door 3/86 Power window switch, right rear door 6/93 Motor, rear right power window	- - 3/86	20
F10	2/138 Deadlock relay, left-hand rear door 3/85 Power window switch, left rear door 6/92 Motor, rear left power window	- - 3/85	20
F13	8/85 Thermostatic switch and fuel filter heating	-	15
F14	16/79 Bass speaker, V70 6/76 Climate control system, rear XC90 16/79 Subwoofer Module (SUB), XC90	- - -	15
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 17/39 13-pin outlet, tow hitch cable harness 16/45 Traffic information module, Turn-by-Turn 16/49 Traffic Message Channel module, V70	- - - -	20
F21	Spare	-	10
F23	4/82 Differential Electronic Module (DEM)	-	7.5
F24	4/84 Suspension Module (SUM), V70	-	15
F26	4/86 Parking Assistance Module (PAM)	-	5
F27	Main fuse for F20, F21, F23, F24, F26	-	30
F28	3/76 Lock unit, left rear door 3/77 Lock unit, right rear door 3/78 Lock unit, tailgate 6/37 Lock motor, fuel filler flap	- - - -	15

continues

Fuses

Rear Electronic Module (REM) F29-F38

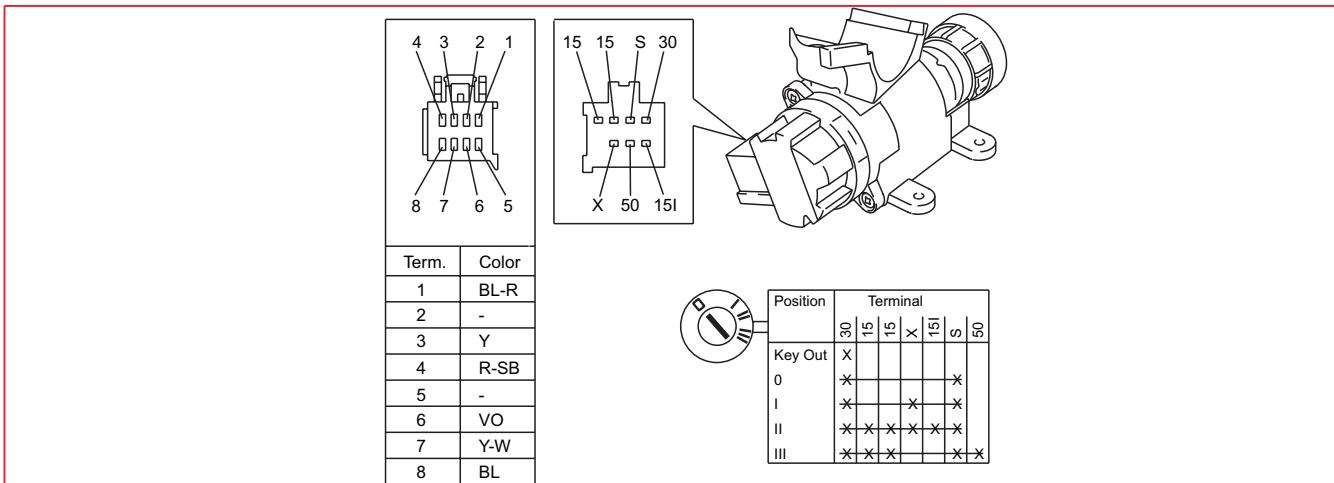


4/58 Rear Electronic Module (REM)

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

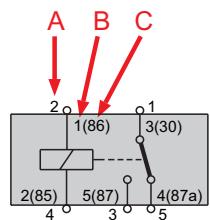
Relays

Ignition switch and relays



Relays, general

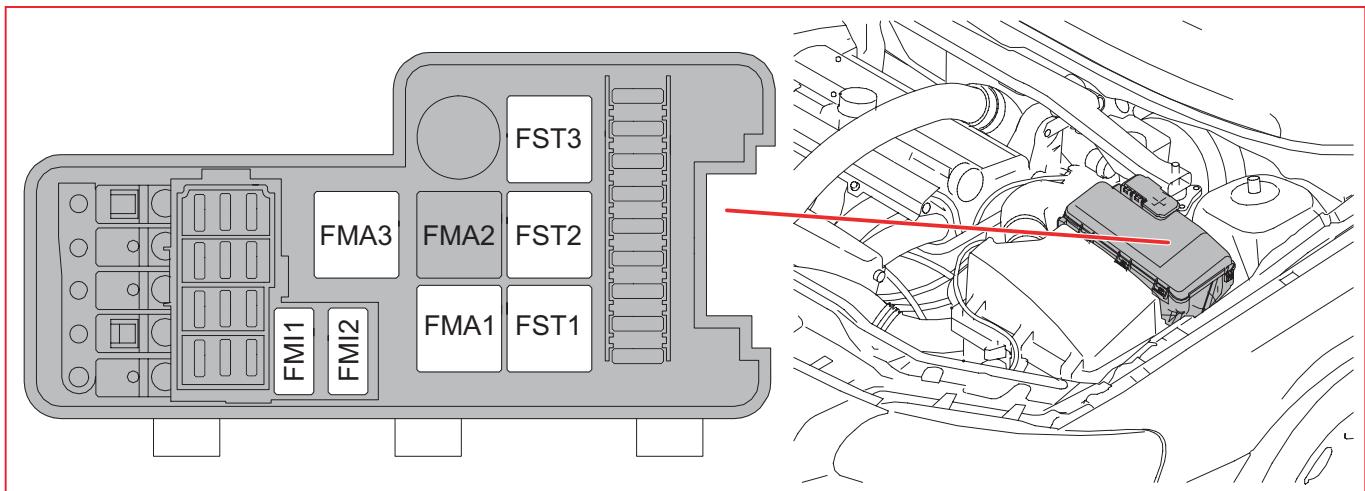
The diagram indicates two or three different designations for the relay's position. This is described below.



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

Relays

Other relays

Other relays

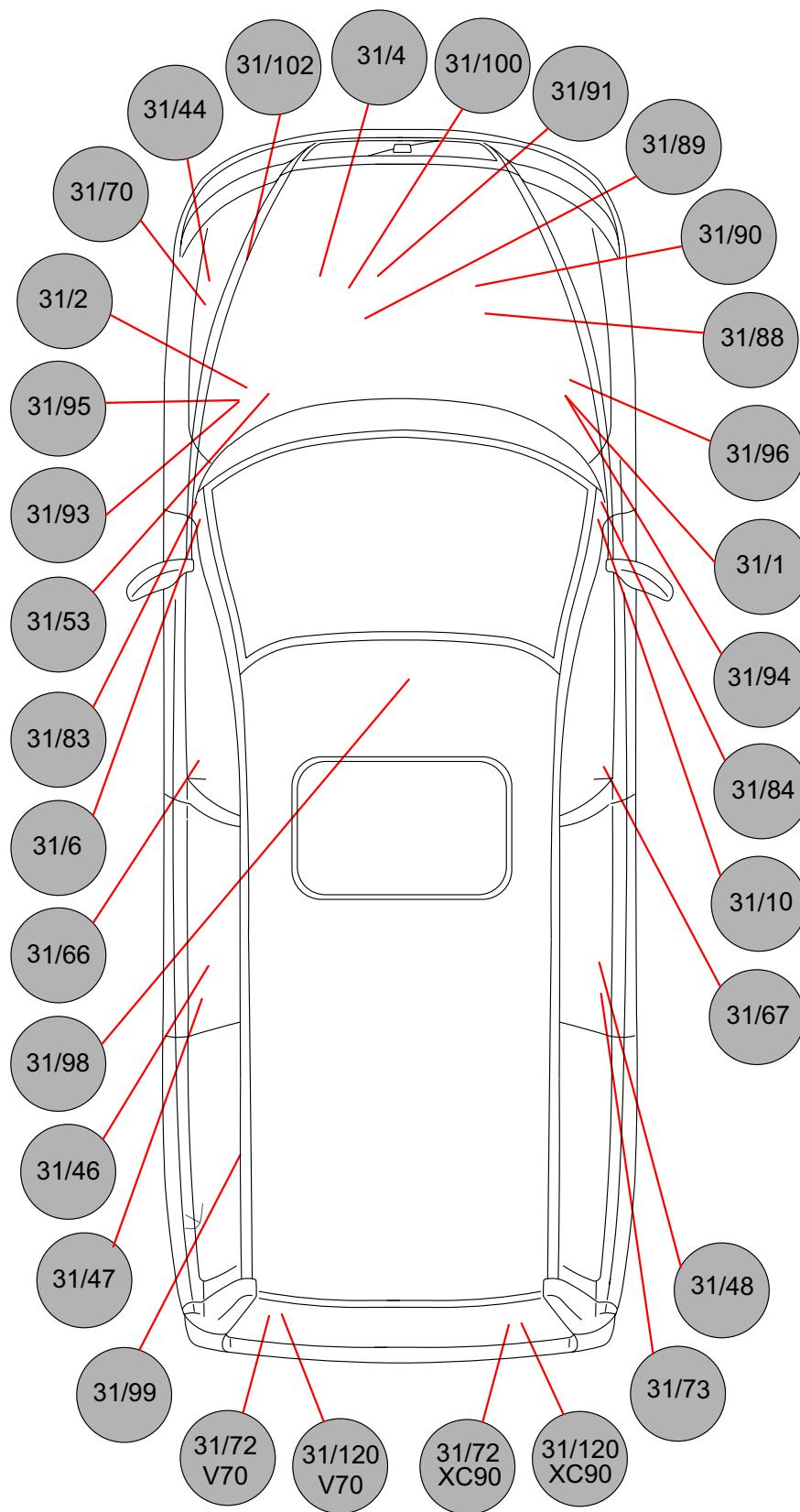
Pos	Relay function
Left-hand rear door	2/138 Deadlock relay, left-hand rear door
Right-hand rear door	2/139 Deadlock relay, right-hand rear door

Relays accessories

Pos	Relay function
Engine 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
16/10	Horn, XC90

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

31/4 Engine	
31/44	Ground connection

31/6 A-post, left-hand side	
3/6	Switch, hazard warning flashers
3/117	Switch unit, ceiling light
4/31	Fan control module, RHD
4/56	Central Electronic Module (CEM), LHD
4/76	Remote control unit for garage door opener
6/15	Sunroof motor
10/25	Ceiling light, cargo compartment
10/29	Glove compartment lighting
10/114	Vanity mirror lighting, left
10/125	Left-hand front courtesy lighting
10/126	Right-hand front courtesy lighting
10/150	Vanity mirror lighting, left
10/172	Vanity mirror lighting, left
16/65	Antenna ring/ignition switch illumination

31/10 A-post, right-hand side	
4/31	Fan control module, LHD
4/56	Central Electronic Module (CEM), RHD
4/84	Suspension Module (SUM), V70R
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)
9/33	Left heated exterior rearview mirror
10/15	Direction indicator, left door mirror
10/148	Left exterior rearview mirror lighting
27/3	Left Camera Module (LCM)

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

Ground connections

31/70 - 31/73

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

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

31/73 Rear seat riser, right-hand side	
2/191	Relay, remote parking heater start, radio signal, accessory, V70
4/78	Accessory Electronic Module (AEM)
4/106	Control module, remote parking heater start, accessory, V70
8/85	Thermal switch and electric fuel filter heating, Diesel
8/88	Solenoid, fuel tank, Bi-Fuel, rear
8/89	Solenoid, fuel tank, Bi-Fuel, front left
8/90	Solenoid, fuel tank, Bi-Fuel, front right
10/17	Lamp housing, rear right
10/218	Indicator light, remote start, accessory, V70
16/79	Bass speaker, V70
16/79	Subwoofer Module (SUB), XC90
16/81	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-post, left-hand side

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

31/84 A-post, right-hand side

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

Ground connections

31/88 - 31/91

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

31/89 Engine ignition coils	
20/5	Spark plug and ignition coil
20/6	Spark plug and ignition coil
20/7	Spark plug and ignition coil
20/8	Spark plug with ignition coil, 6-cyl.
20/14	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 - crankcase ventilation, Bi-Fuel

Ground connections

31/93 - 31/94

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

31/94 Right MacPherson strut tower	
3/156	Gear Selector Module (GSM)
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
10/73	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)
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31/96 Right MacPherson strut tower

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

31/98 Windshield member, upper

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

31/99 Left-hand side window

7/135	Glass breakage sensor, left-hand, V70
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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

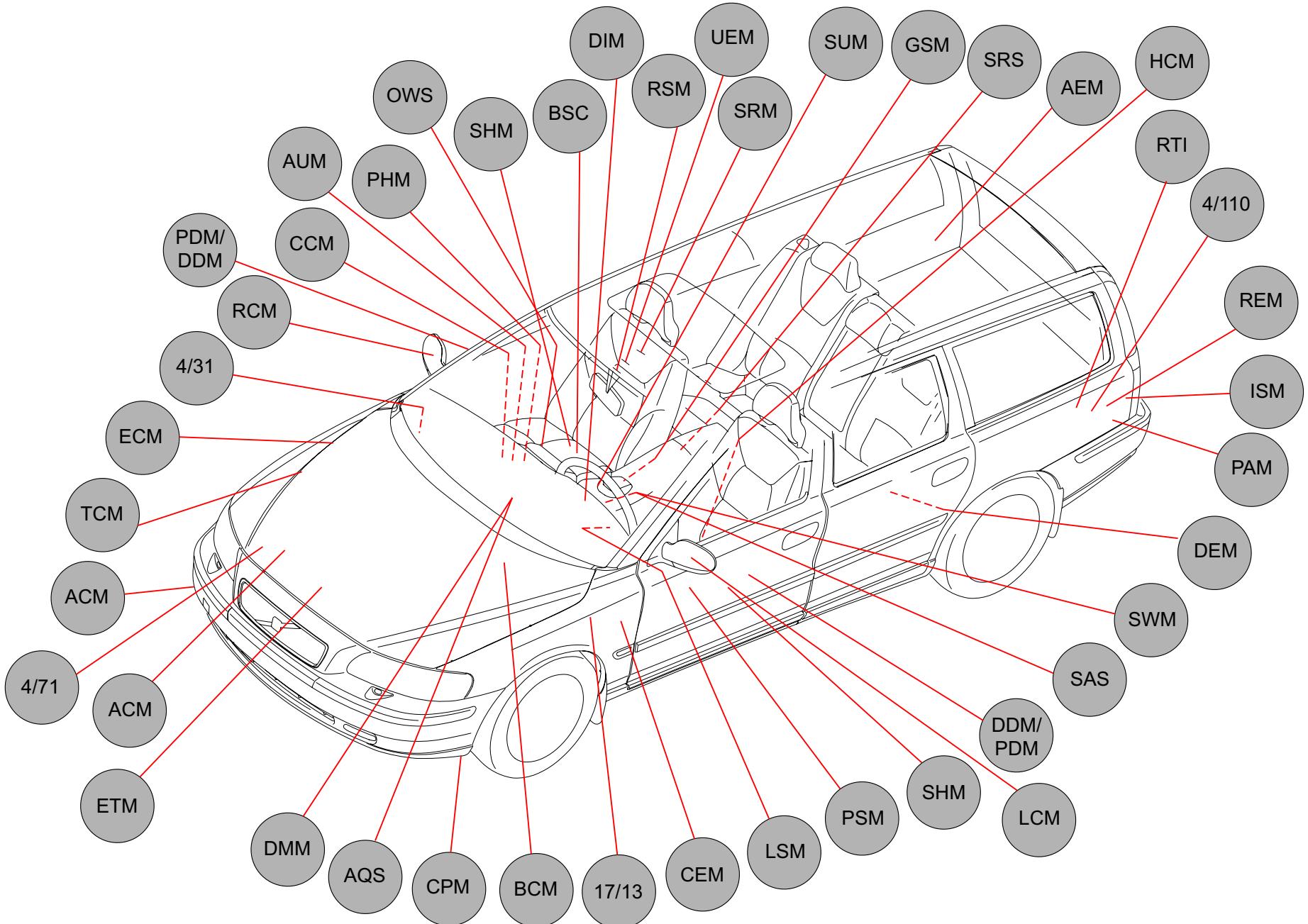
31/102 - 31/120

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

31/120 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



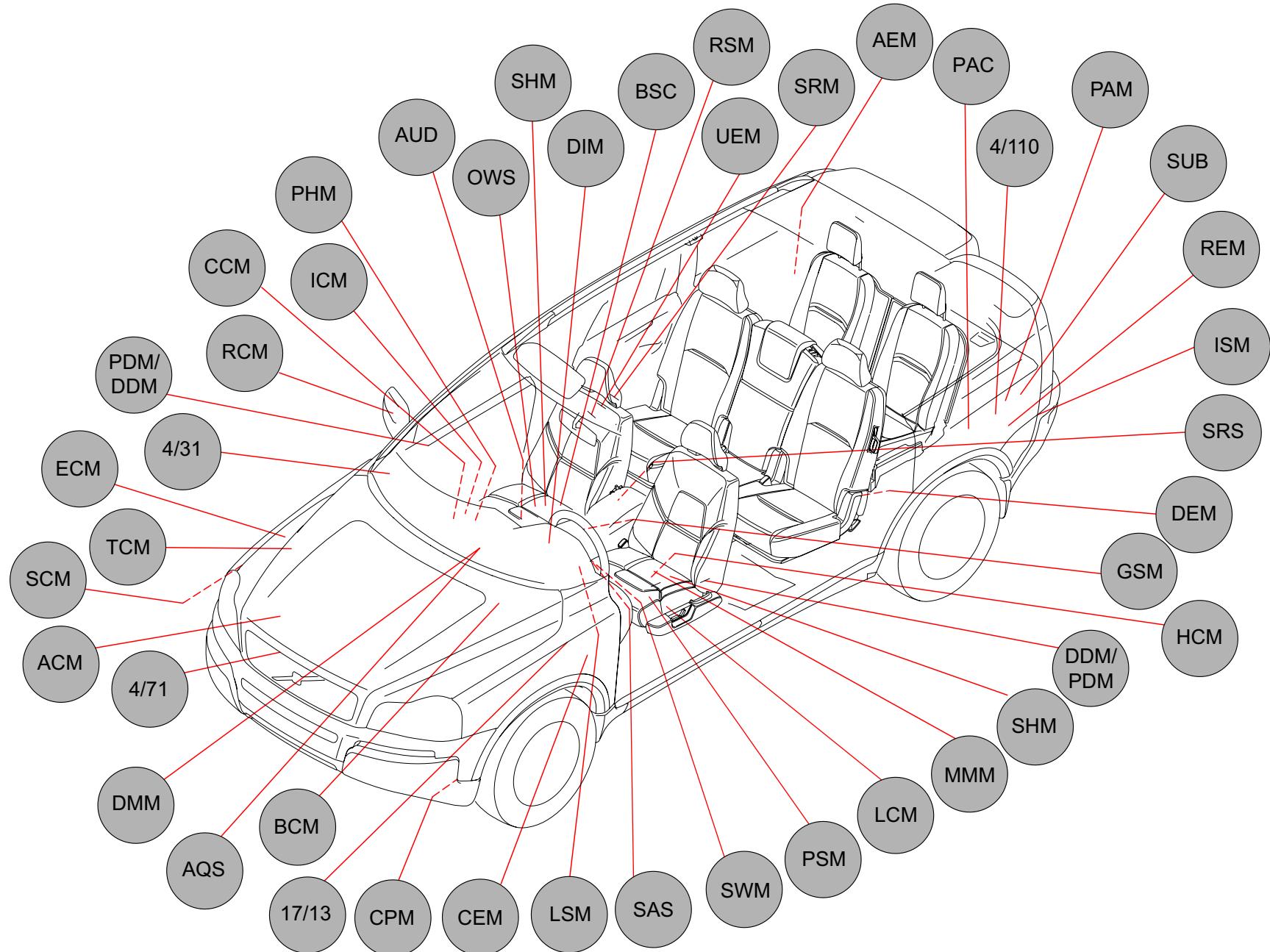
Control modules

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) <ul style="list-style-type: none"> -6/48 Damper Motor Module (DMM), recirculation -6/69 Damper Motor Module (DMM), ventilation/floor/defroster -6/95 Damper Motor Module (DMM), temperature, left-hand side -6/96 Damper Motor Module (DMM), temperature, right-hand side -6/102 Damper Motor Module (DMM), defroster -6/103 Damper Motor Module (DMM), floor/ventilation
ECM	4/46 Engine Control Module (ECM)
ETM	4/50 Electronic Throttle Module (ETM)
GSM	3/156 Gear Selector Module (GSM)
HCM	4/118 Headlight Control Module (HCM)
ISM	7/100 Inclination Sensor Module (ISM)
LCM	27/3 Left Camera Module (LCM)
LSM	3/111 Light Switch Module (LSM)
OWS	7/93 Occupant Weight Sensor (OWS)
PAM	4/86 Parking Assistance Module (PAM)
PDM/DDM	3/127 Passenger/Driver Door Module (PDM)/(DDM)
PHM	16/60 Phone Module (PHM)
PSM	4/52 Power Seat Module (PSM)
RCM	27/4 Right Camera Module (RCM)
REM	4/58 Rear Electronic Module (REM)
RSM	7/149 Rain Sensor Module (RSM)
RTI	16/45 Road Traffic Information module (RTI)
SAS	4/68 Steering Wheel Angle Sensor Module (SAS)
SCM	16/35 Siren Control Module (SCM)
SHM	Seat Heating Module (SHM) <ul style="list-style-type: none"> -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



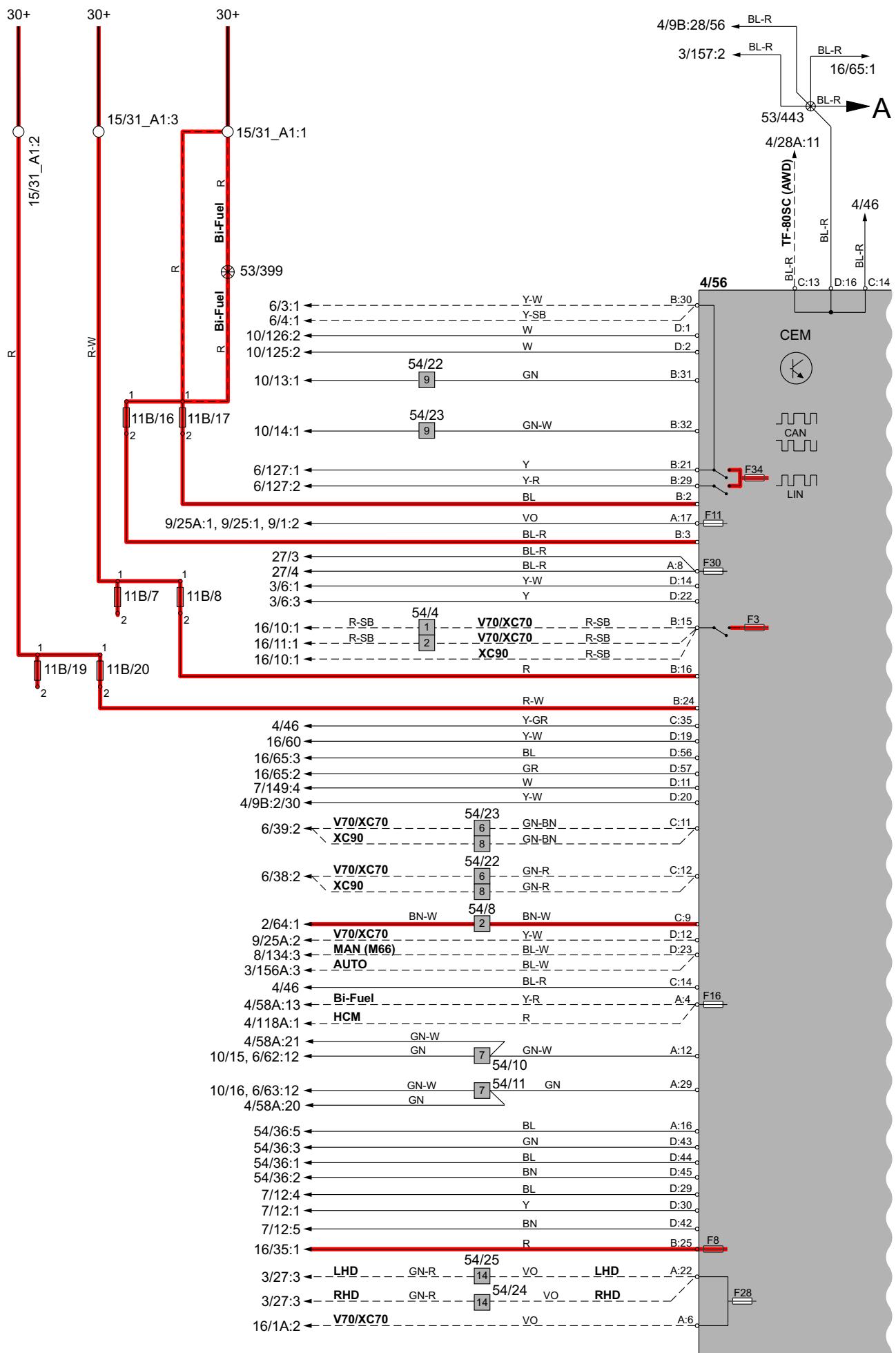
Control modules

Overview designations XC90

Unit	Designation
ACM	6/26 Alternator Control Module (ACM)
AEM	4/78 Accessory Electronic Module (AEM)
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) <ul style="list-style-type: none"> -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)
HCM	4/118 Headlight Control Module (HCM)
ICM	16/94 Infotainment Control Module (ICM)
ISM	7/100 Inclination Sensor Module (ISM)
LCM	27/3 Left Camera Module (LCM)
LSM	3/111 Light Switch Module (LSM)
MMM	16/108 Multimedia Module (MMM)
OWS	7/93 Occupant Weight Sensor (OWS)
PAC	4/120 Parking Assistance Camera module (PAC)
PAM	4/86 Parking Assistance Module (PAM)
PDM/DDM	3/127 Passenger/Driver Door Module (PDM)/(DDM)
PHM	16/60 Phone Module (PHM)
PSM	4/52 Power Seat Module (PSM)
RCM	27/4 Right Camera Module (RCM)
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) <ul style="list-style-type: none"> -9/12 Seat Heating Module (SHM), left-hand -9/13 Seat Heating Module (SHM), right-hand
SRM	4/33 Sun Roof Module (SRM)
SRS	4/9 Supplemental Restraint System module (SRS)
SUB	16/79 Subwoofer Module (SUB)
SWM	3/254 Steering Wheel Module (SWM)
TCM	4/28 Transmission Control Module (TCM)
UEM	4/70 Upper Electronic Module (UEM)
4/31	4/31 Fan control module
4/71	4/71 Cooling fan control module
4/110	4/110 Trailer Module
17/13	17/13 Data link connector

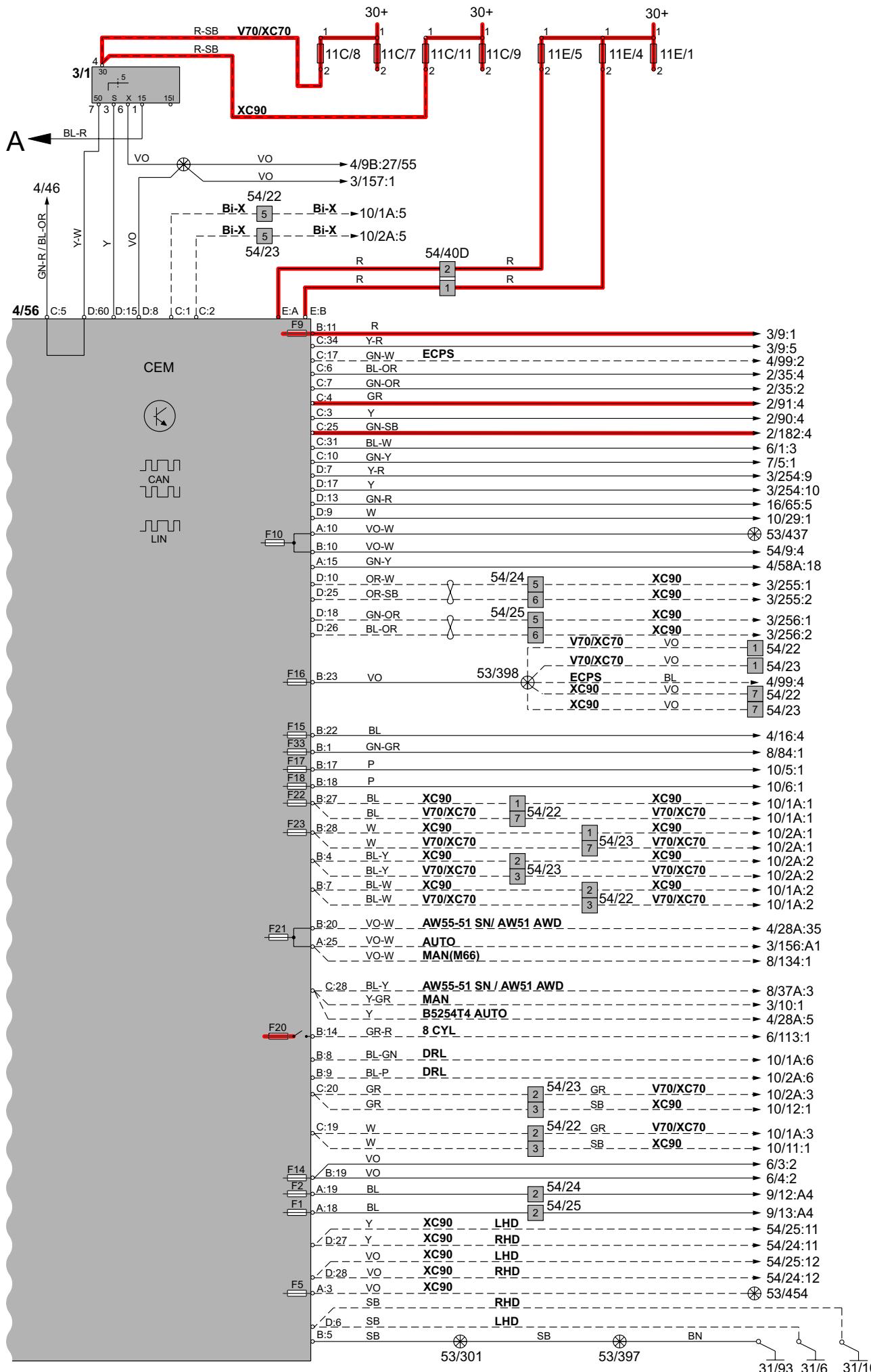
Control modules

Central Electronic Module (CEM) 1:2



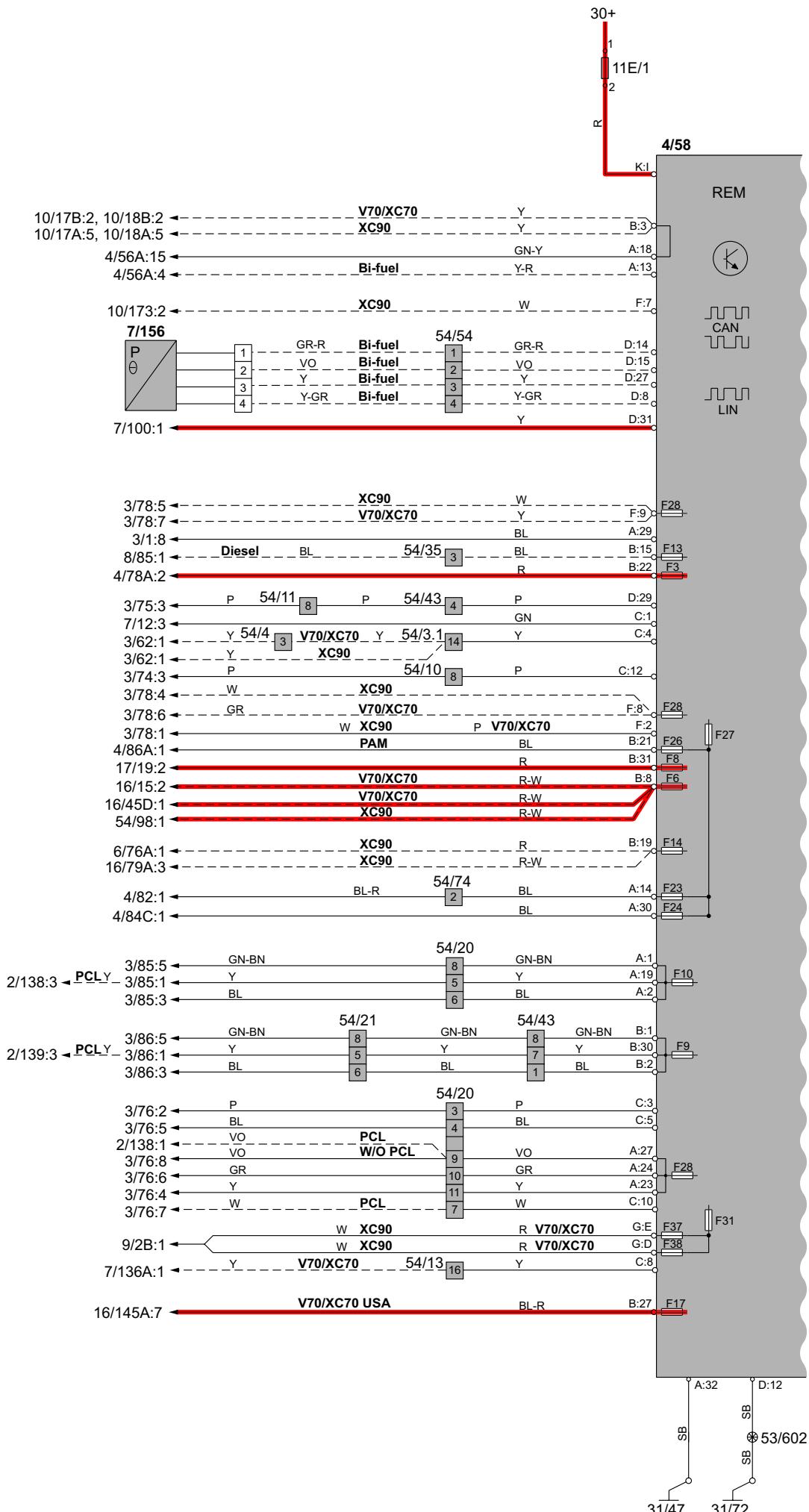
Control modules

Central Electronic Module (CEM) 2:2



Control modules

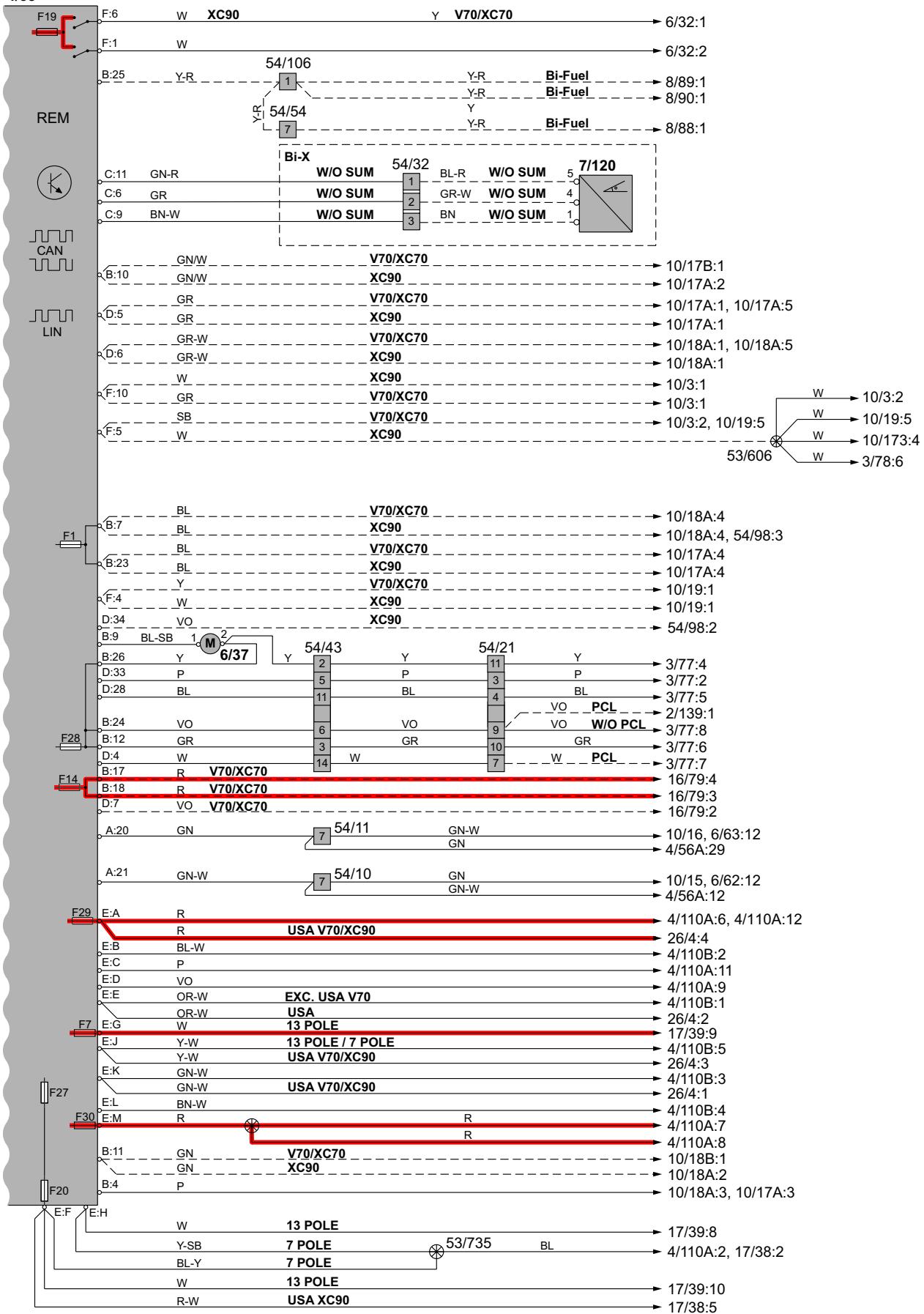
Rear Electronic Module (REM) 1:2



Control modules

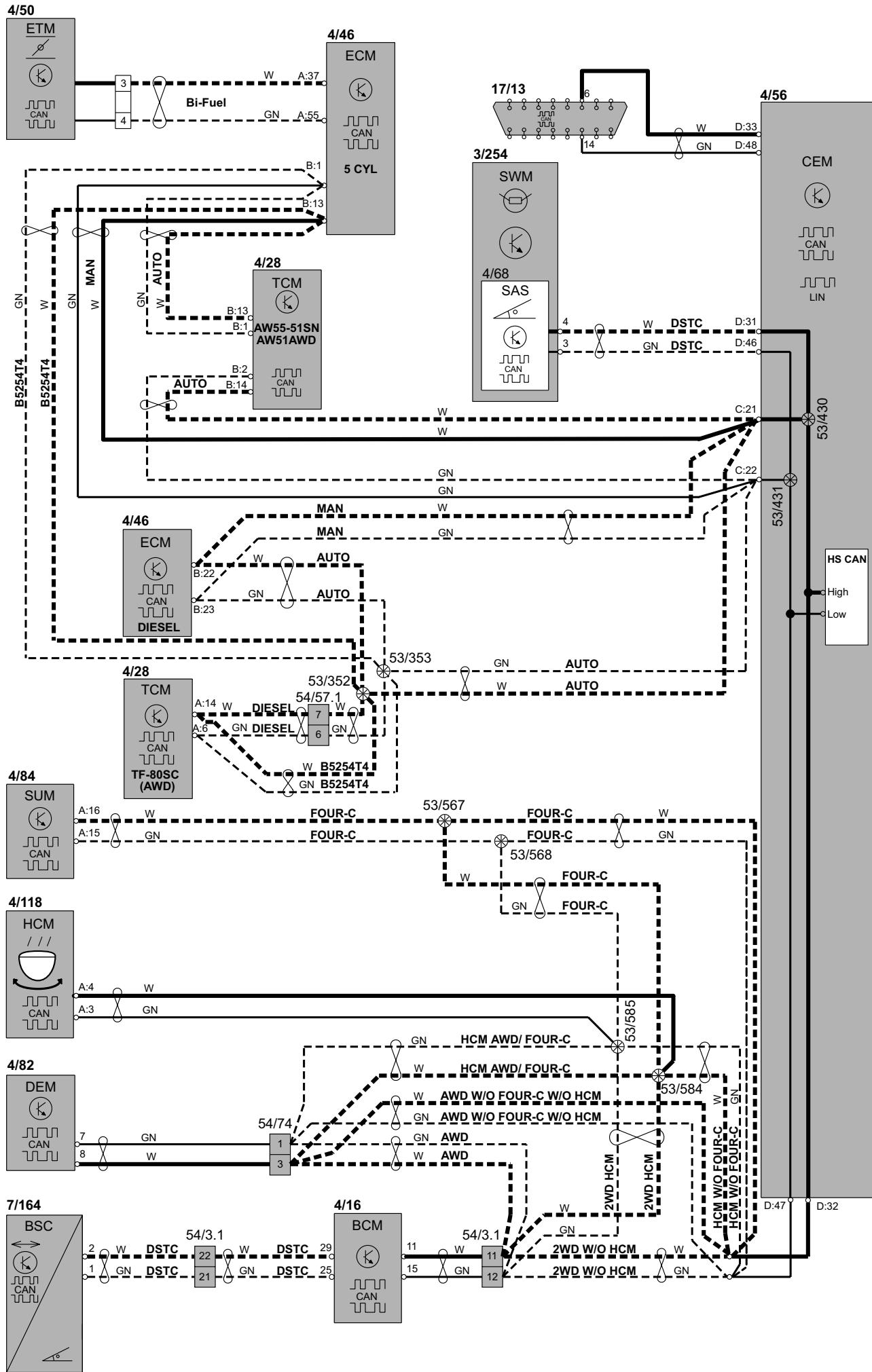
Rear Electronic Module (REM) 2:2

4/58



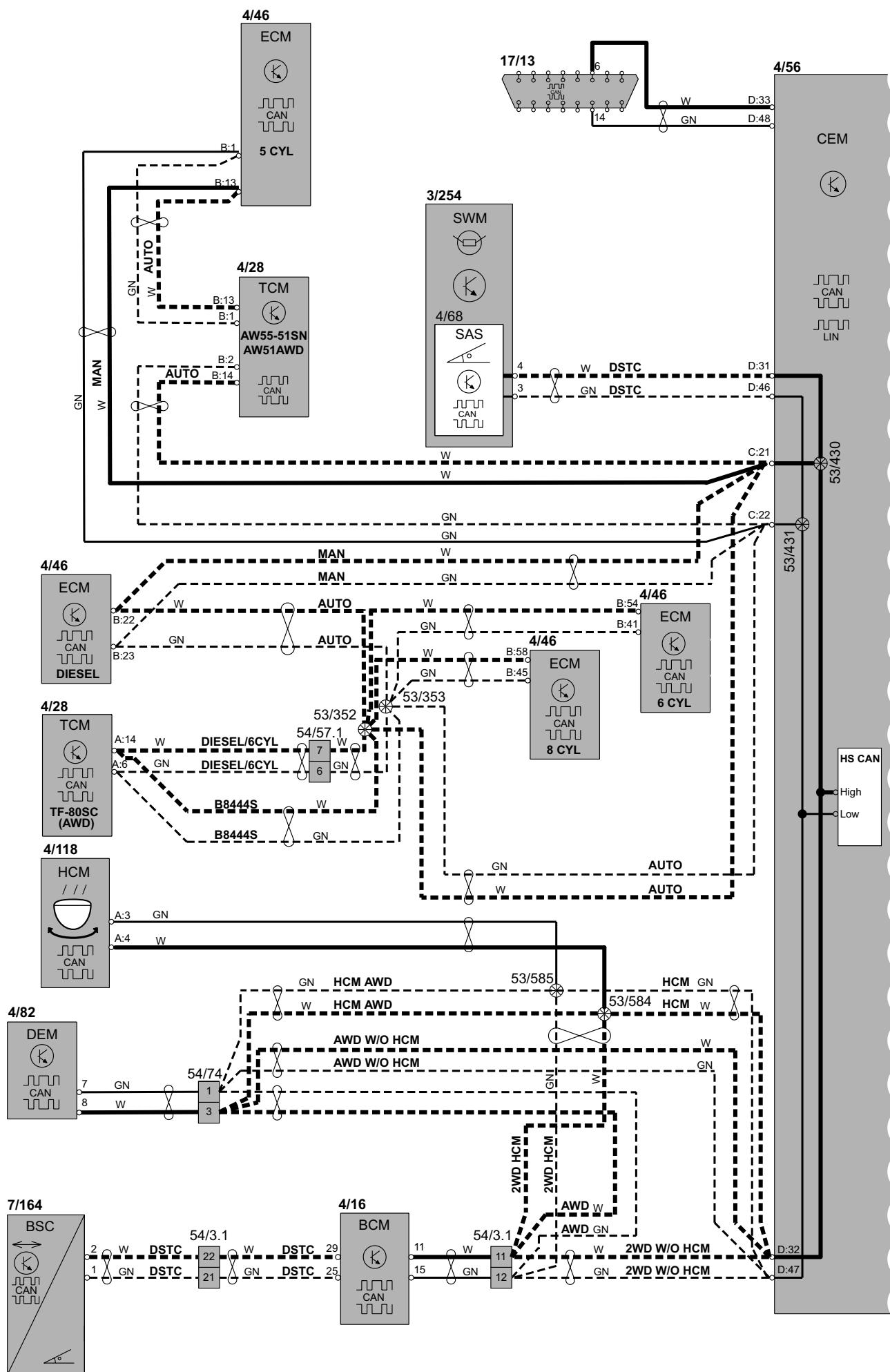
Control modules

Data communication high speed CAN V70



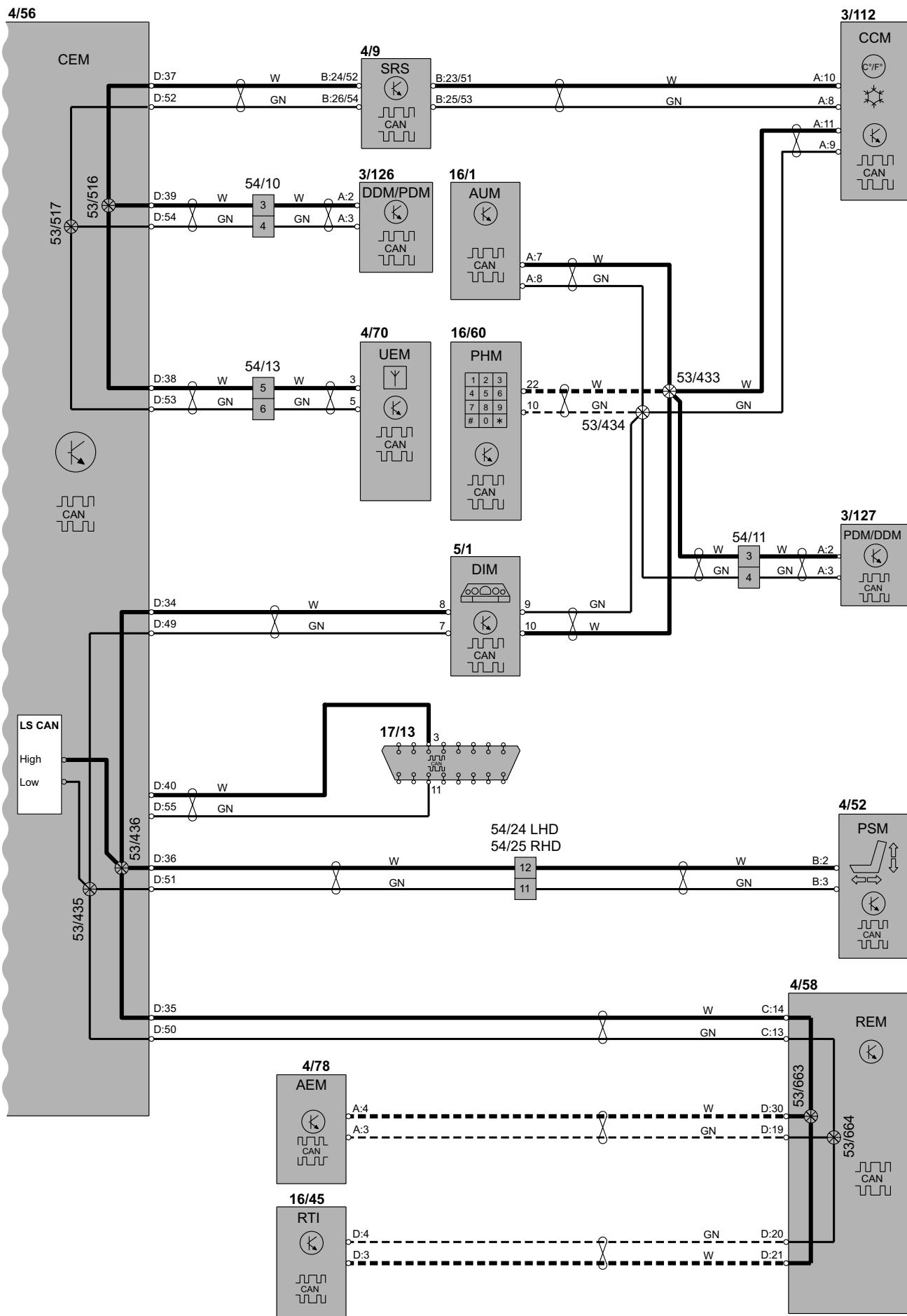
Control modules

Data communication high speed CAN XC90



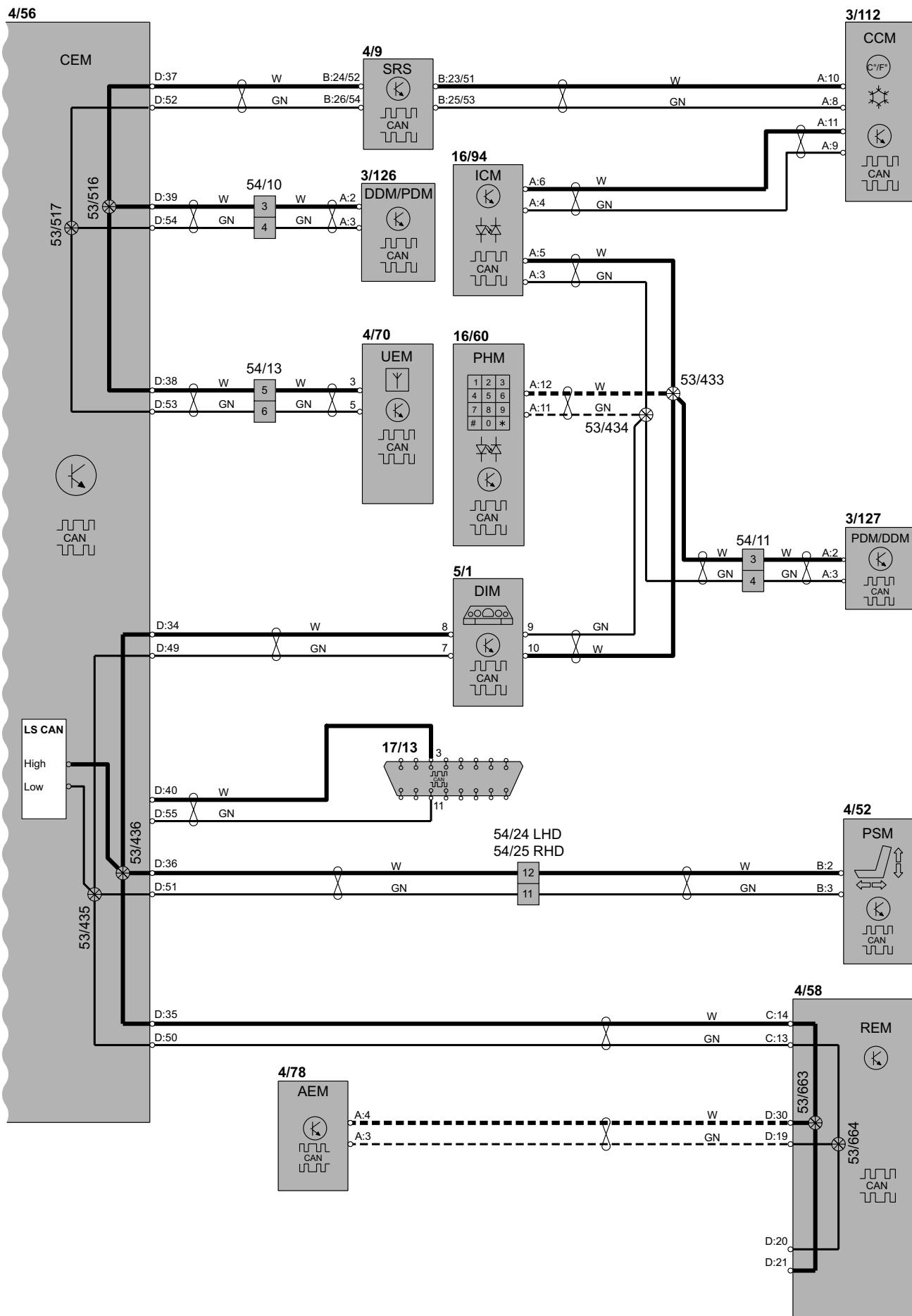
Control modules

Data communication low speed CAN V70



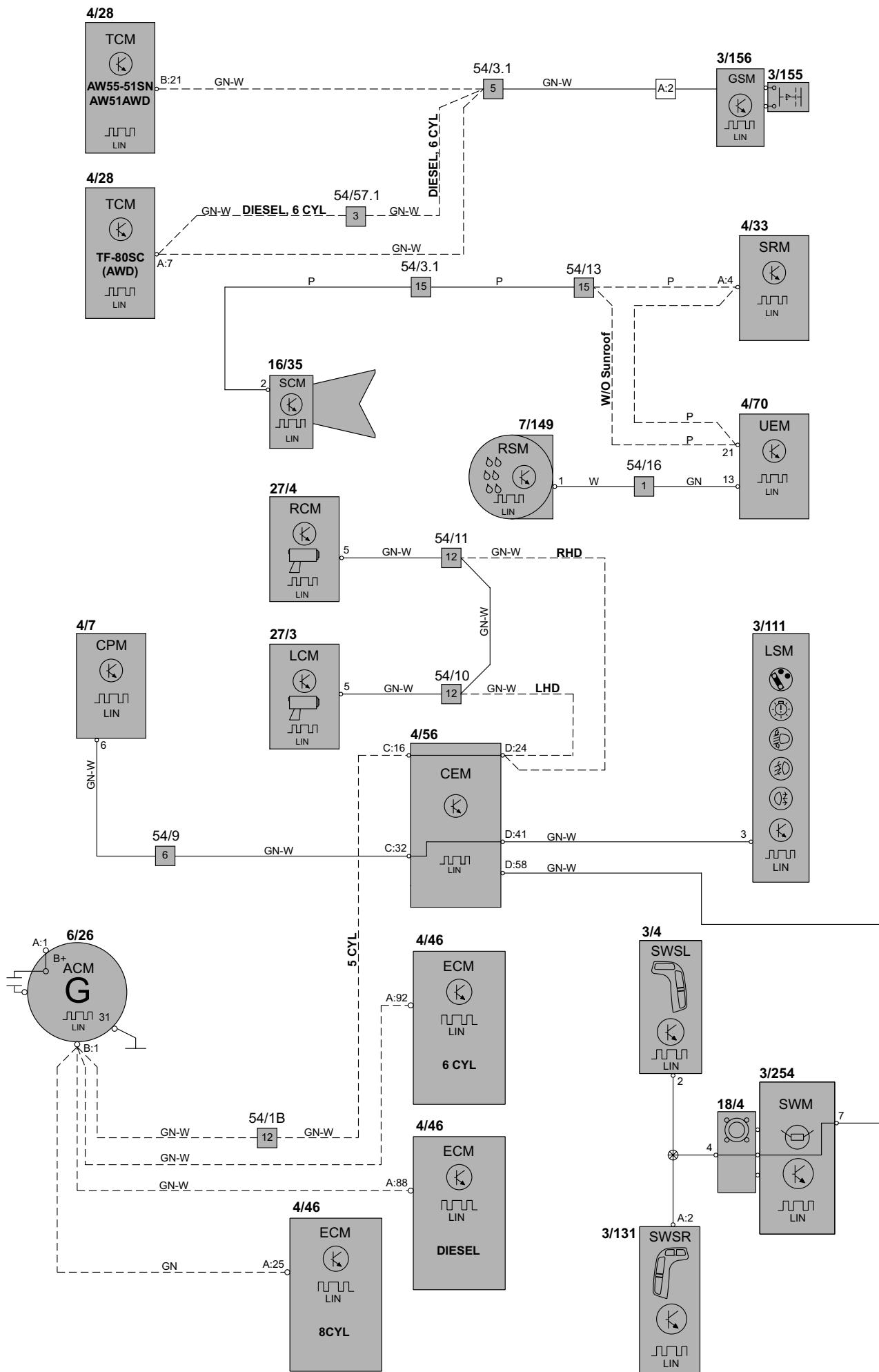
Control modules

Data communication low speed CAN XC90



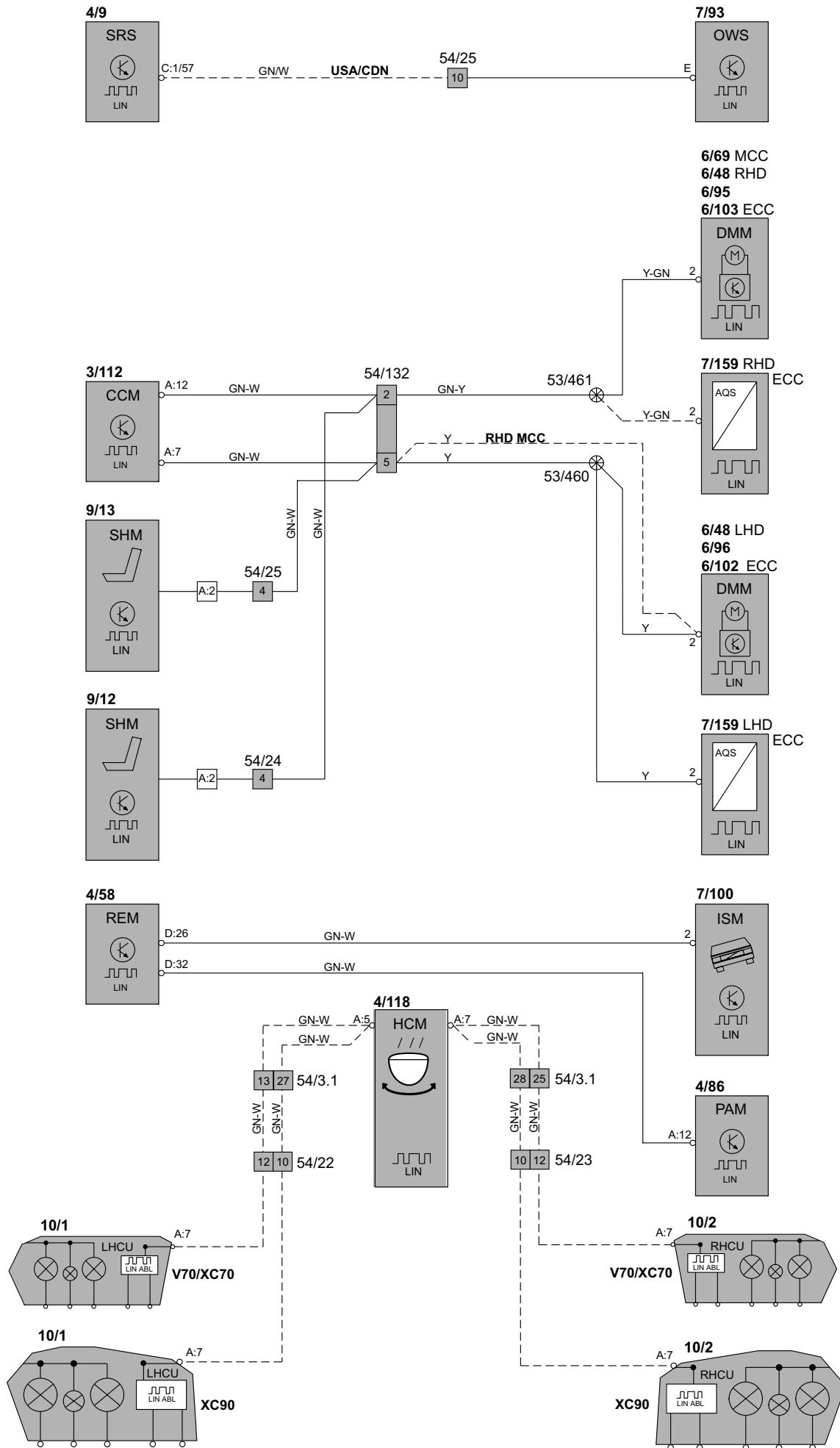
Control modules

Data communication LIN 1:2



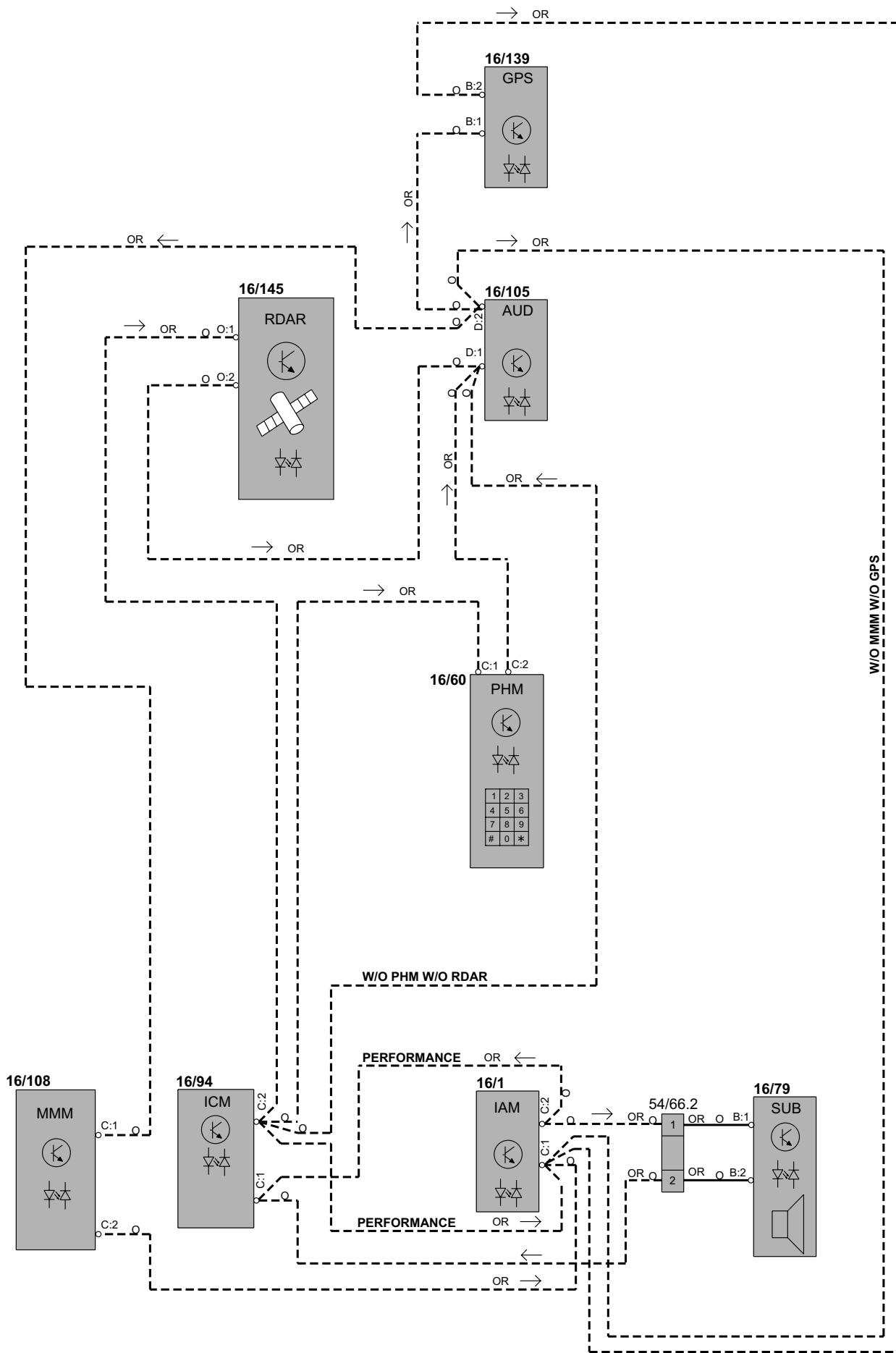
Control modules

Data communication LIN 2:2



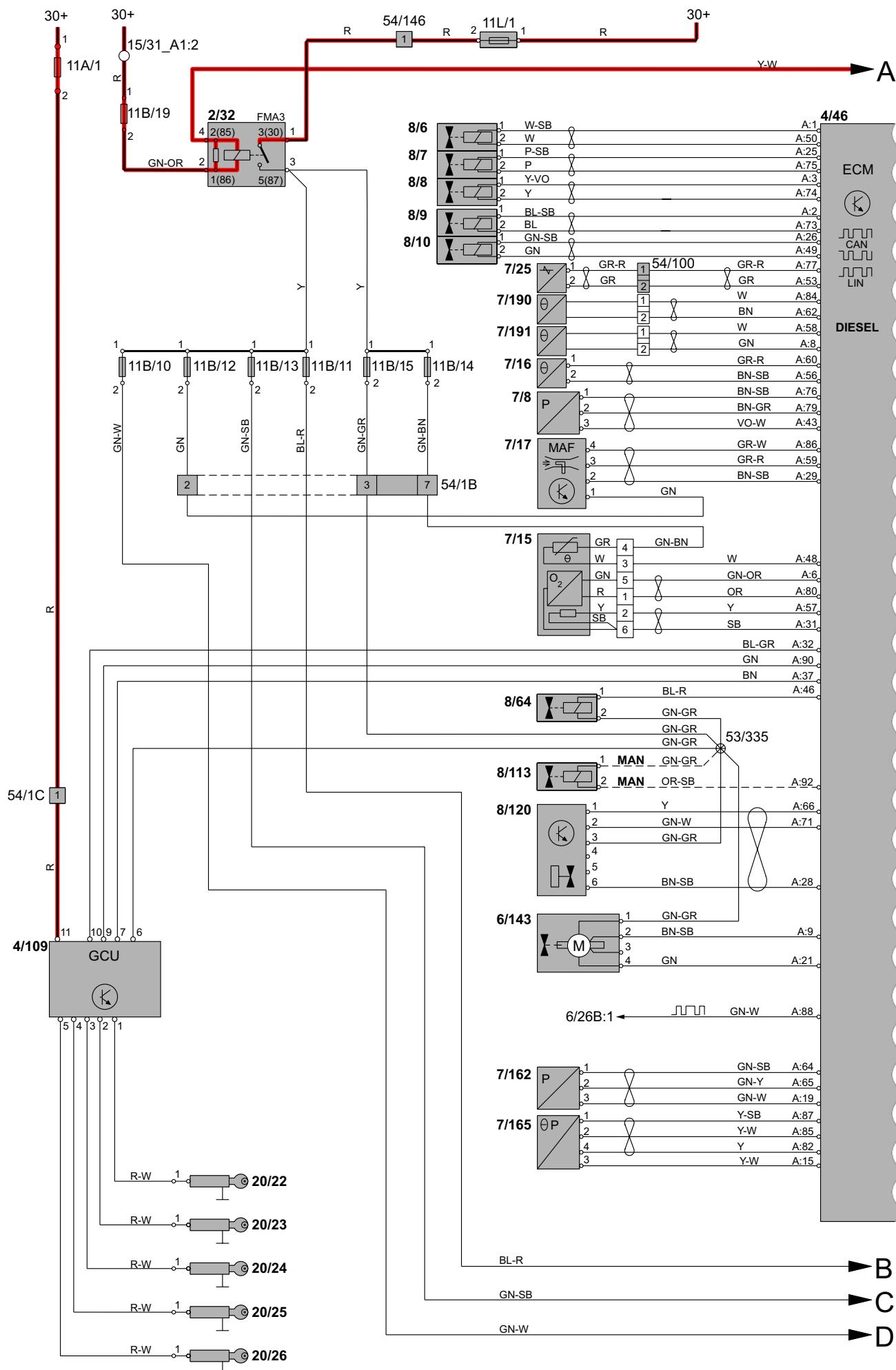
Control modules

Data communication MOST XC90



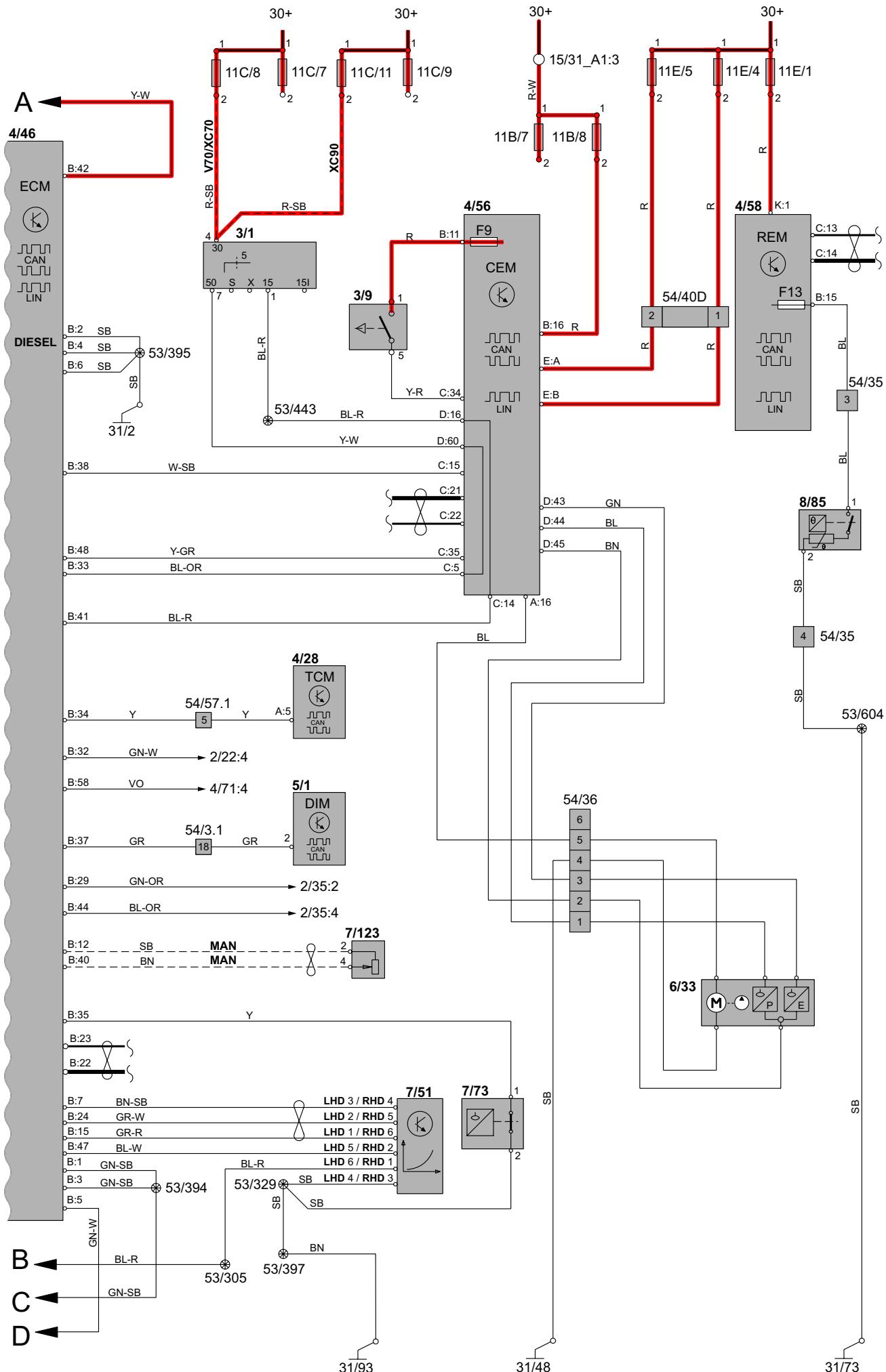
Group 23 Fuel system

Engine management system, Diesel 1:3



Group 23 Fuel system

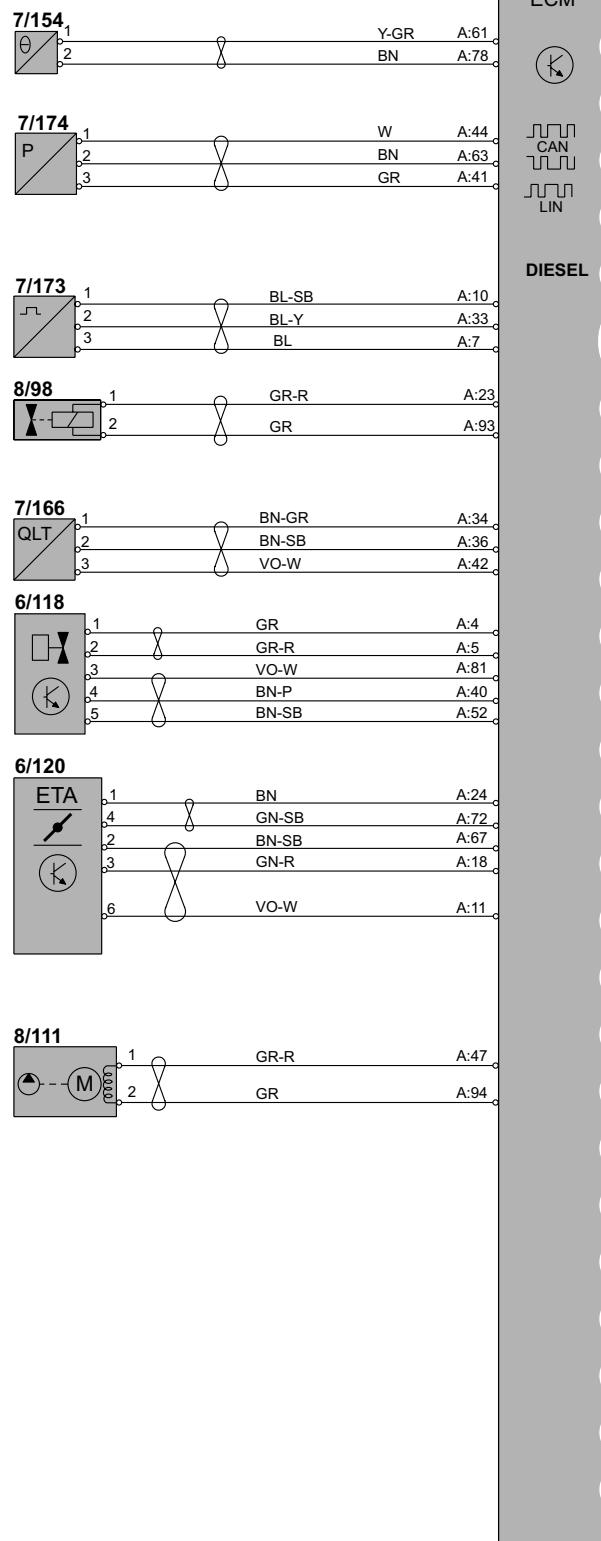
Engine management system, Diesel 2:3



Group 23 Fuel system

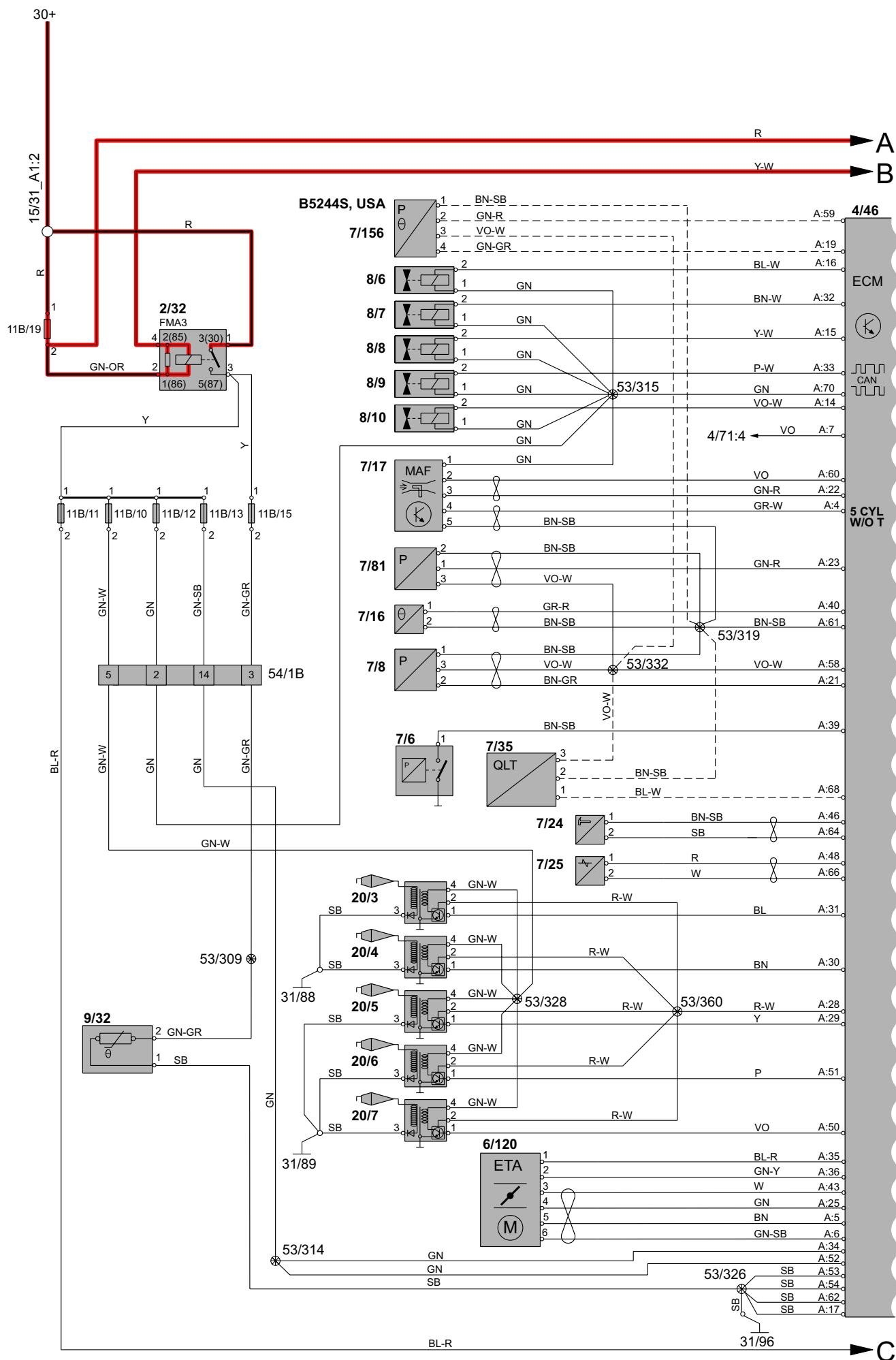
Engine management system, Diesel 3:3

4/46



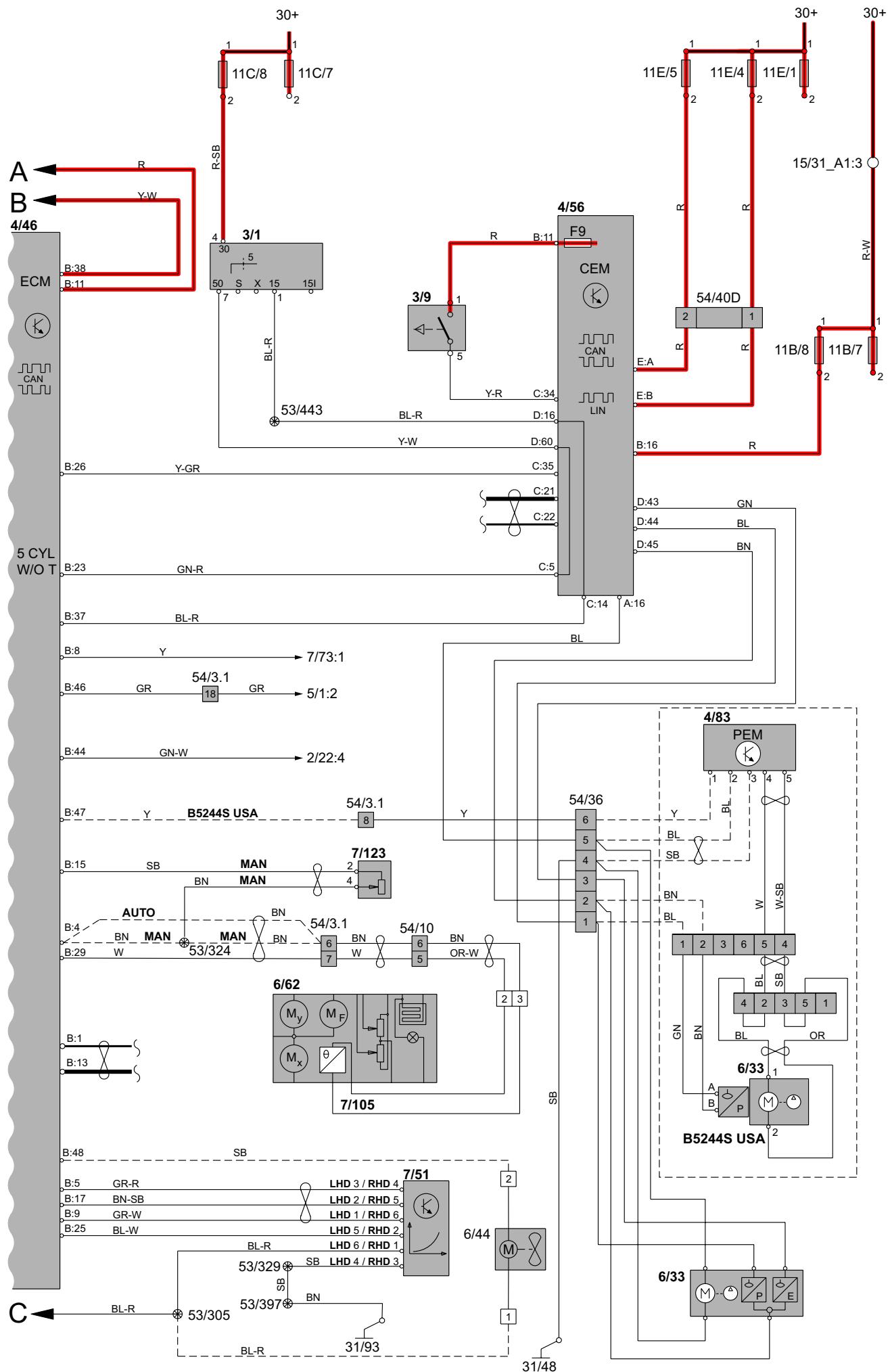
Group 23 Fuel system

Engine management system, 5-cyl. 1:2



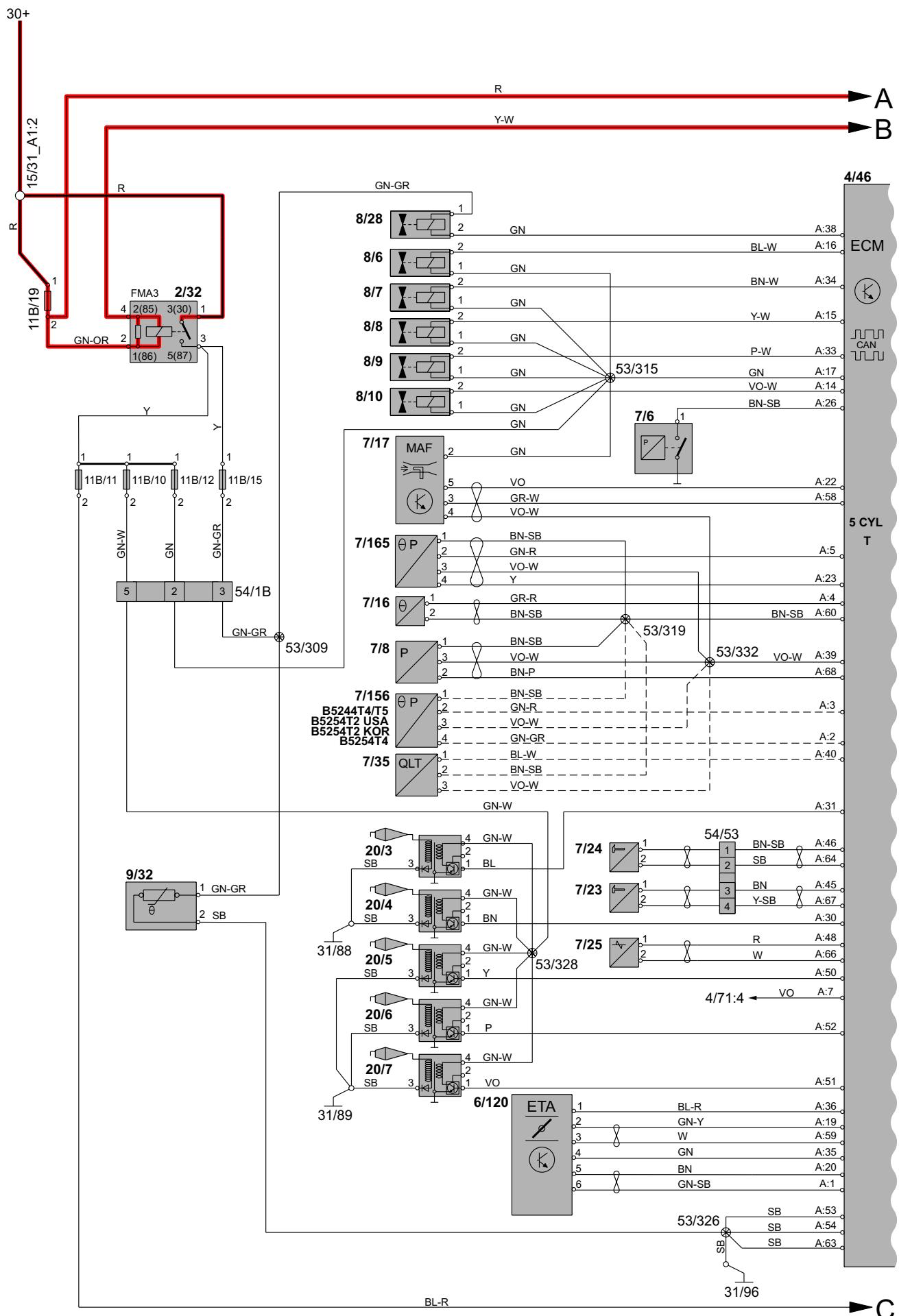
Group 23 Fuel system

Engine management system, 5-cyl. 2:2



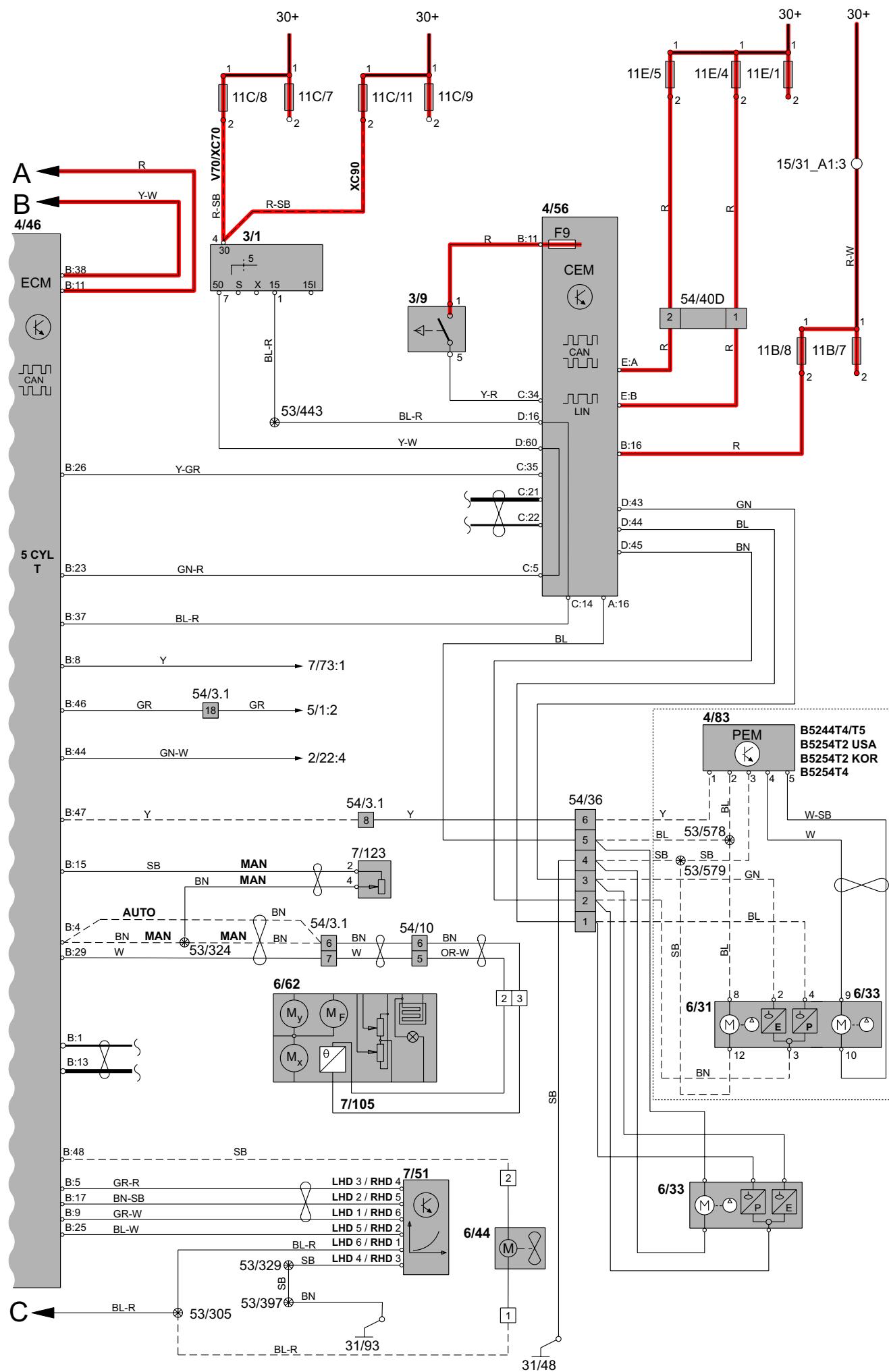
Group 23 Fuel system

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



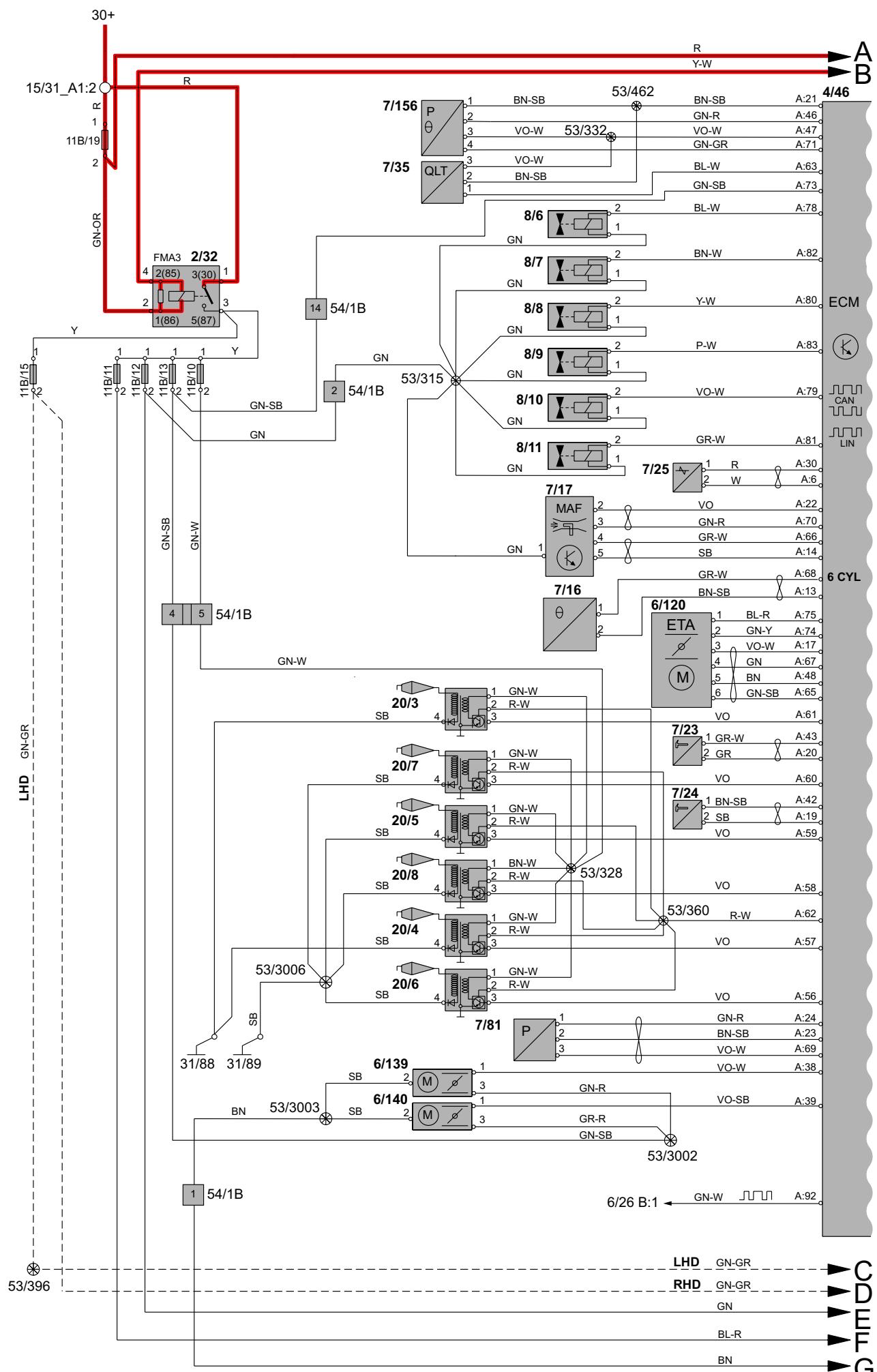
Group 23 Fuel system

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



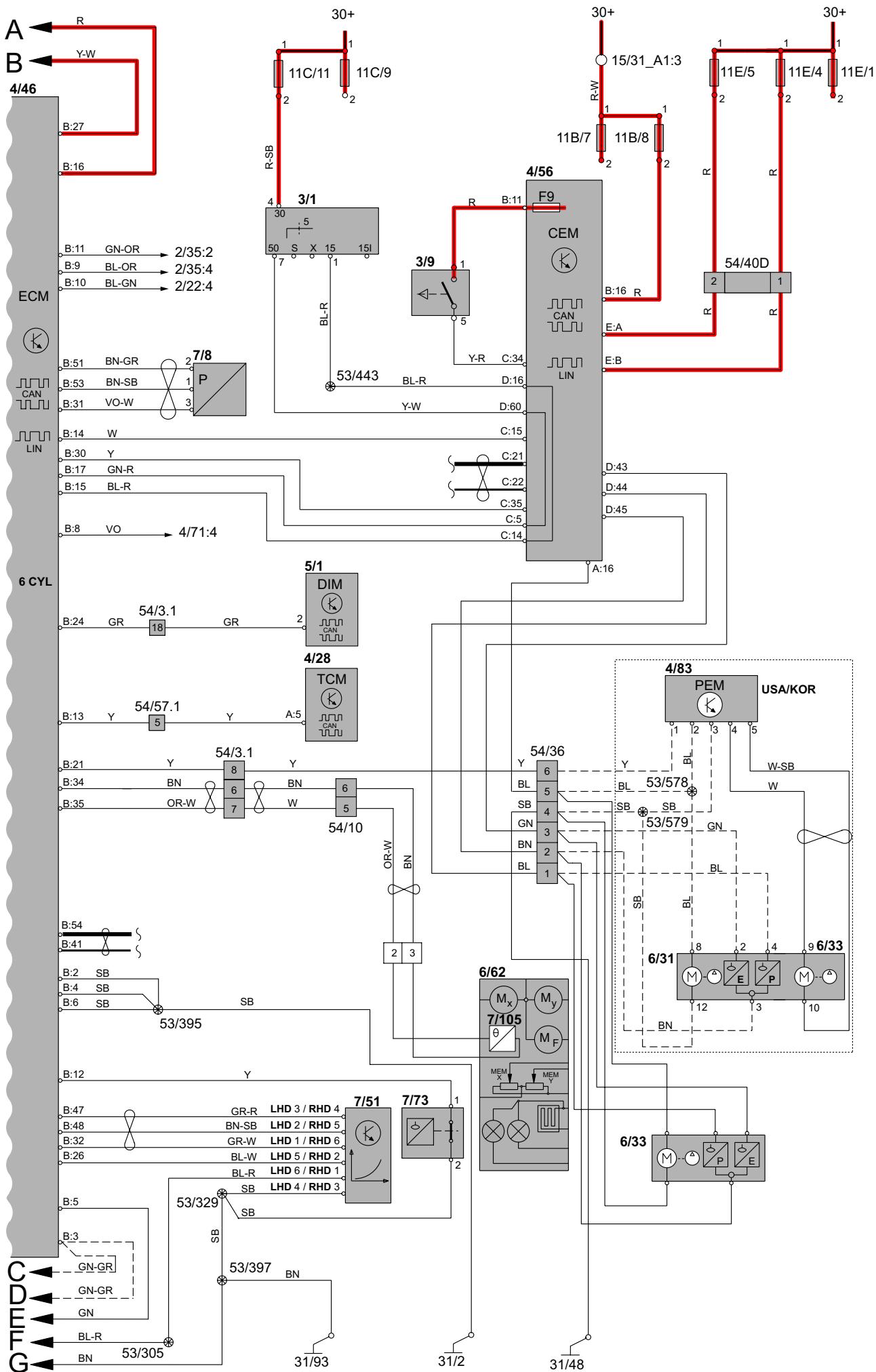
Group 23 Fuel system

Engine management system, 6-cyl. 1:2



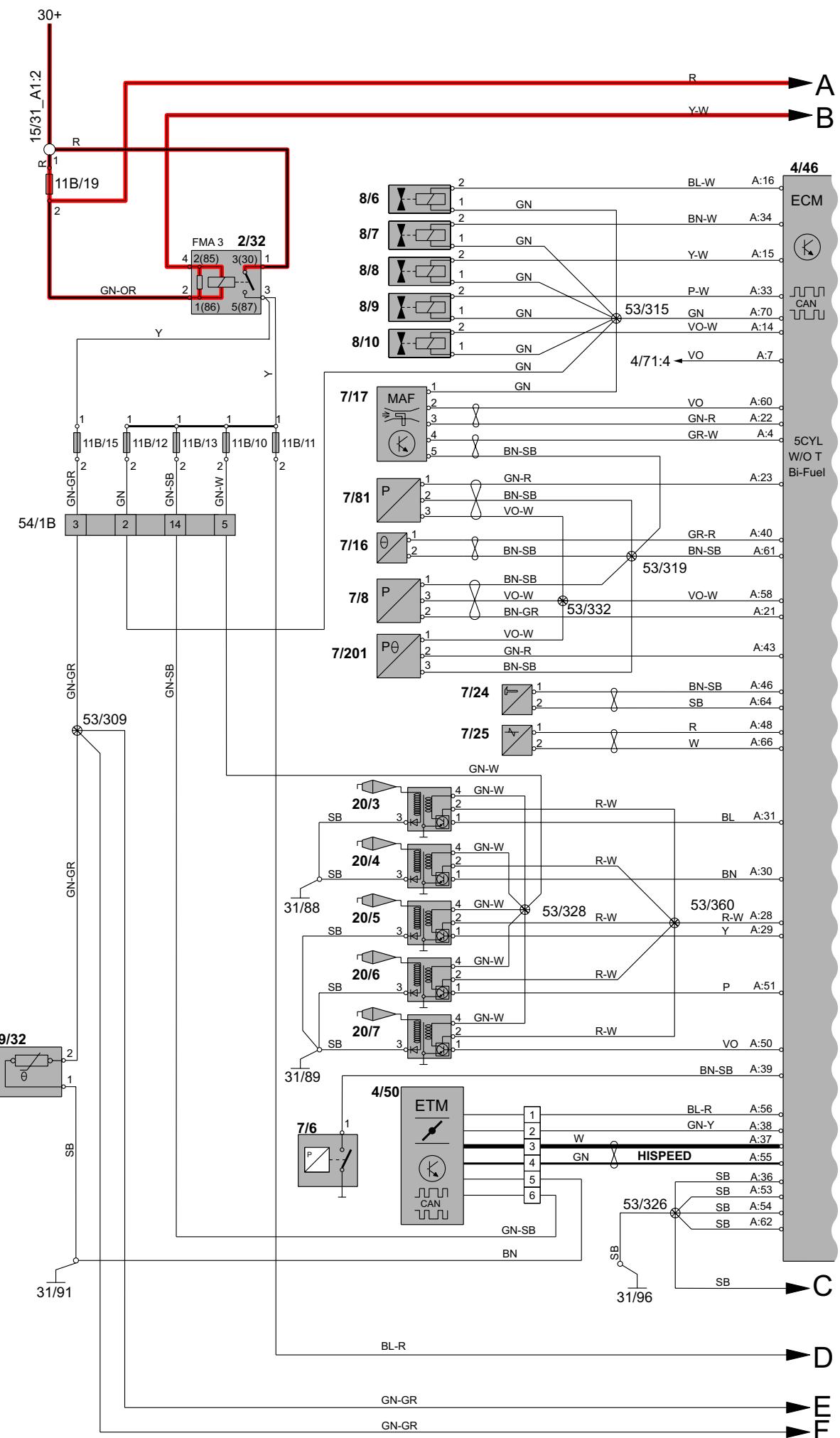
Group 23 Fuel system

Engine management system, 6-cyl. 2:2



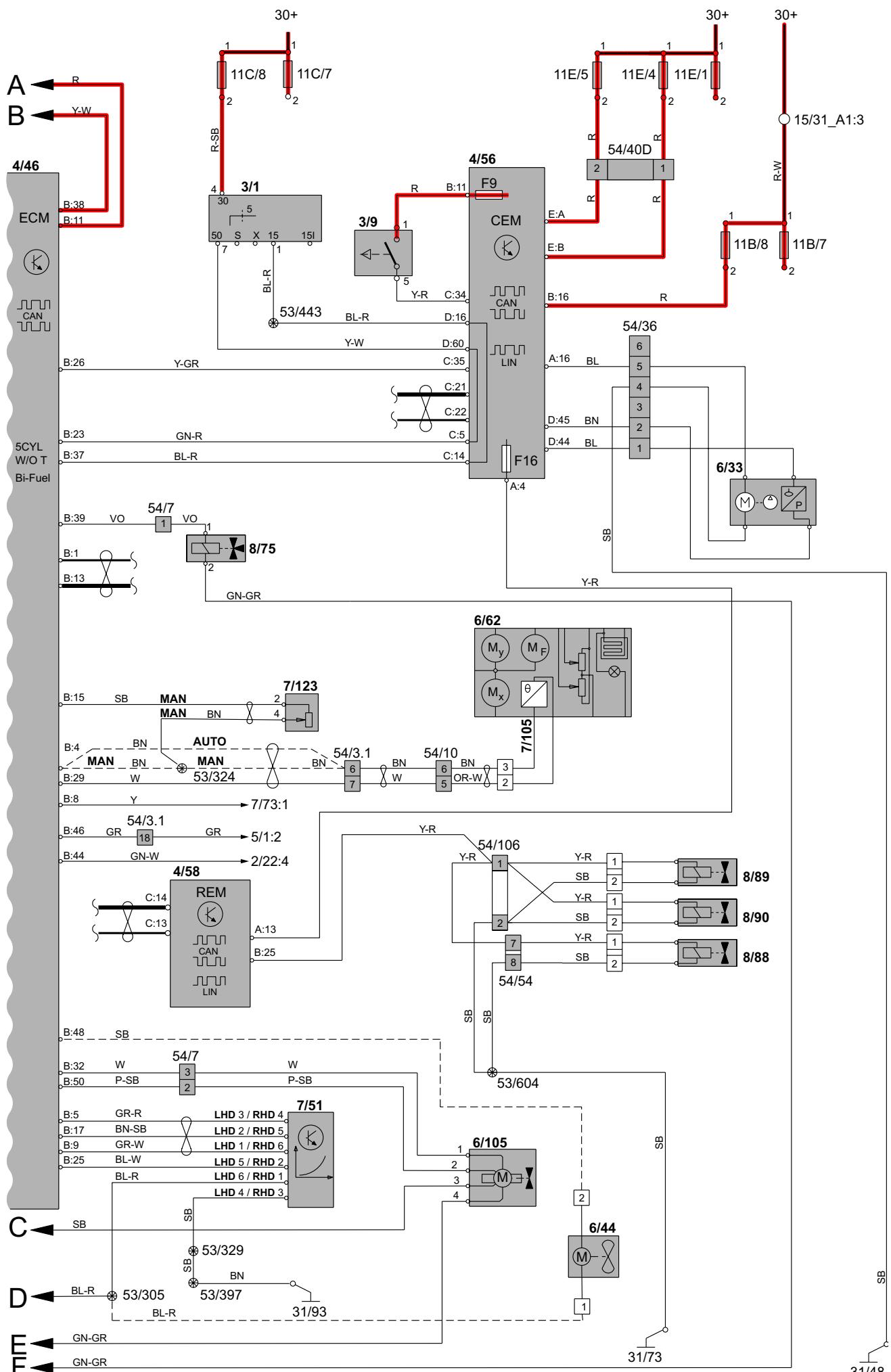
Group 23 Fuel system

Engine management system, Bi-Fuel 1:2



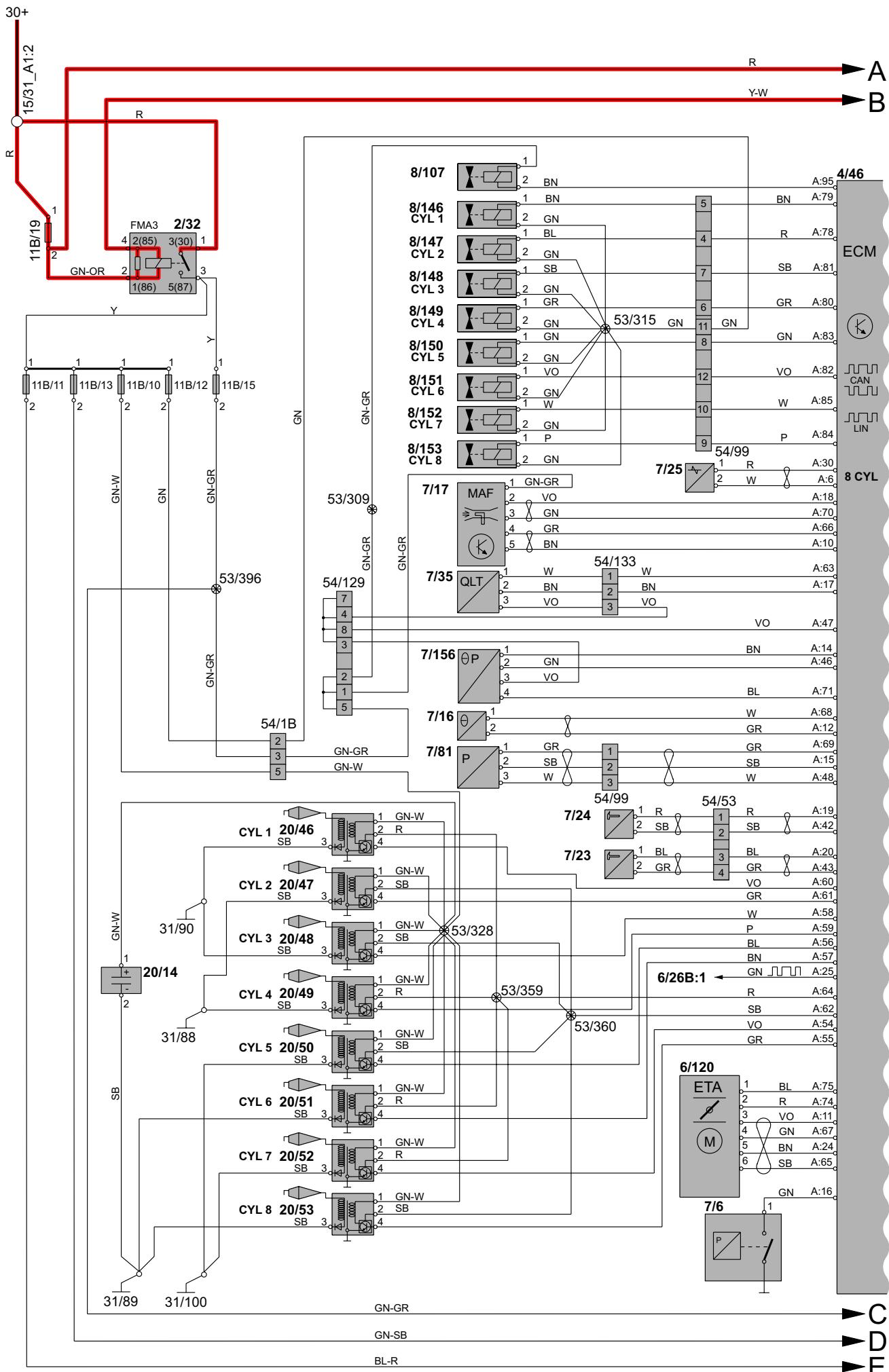
Group 23 Fuel system

Engine management system, Bi-Fuel 2:2



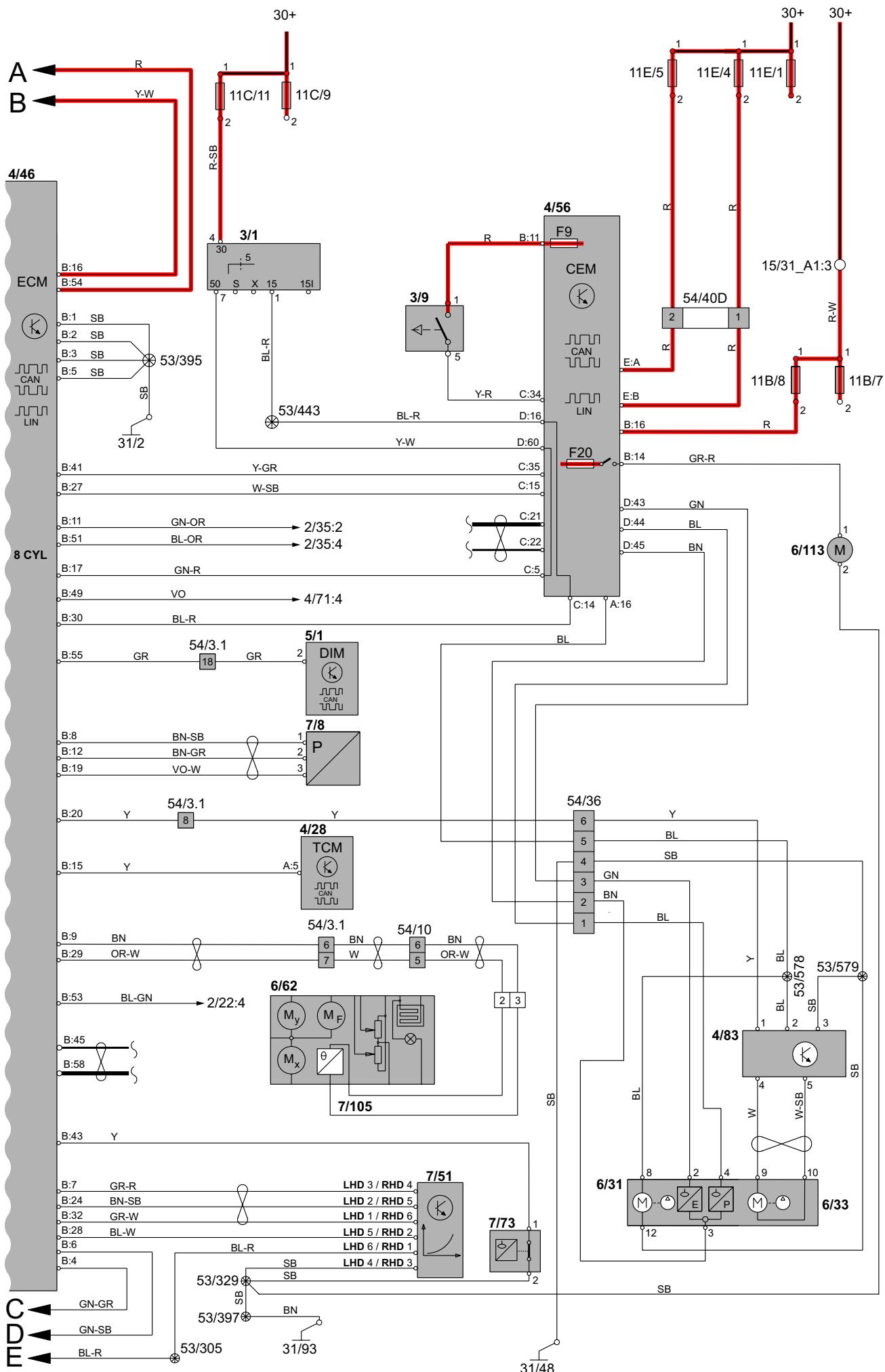
Group 23 Fuel system

Engine management system, 8-cyl. 1:2

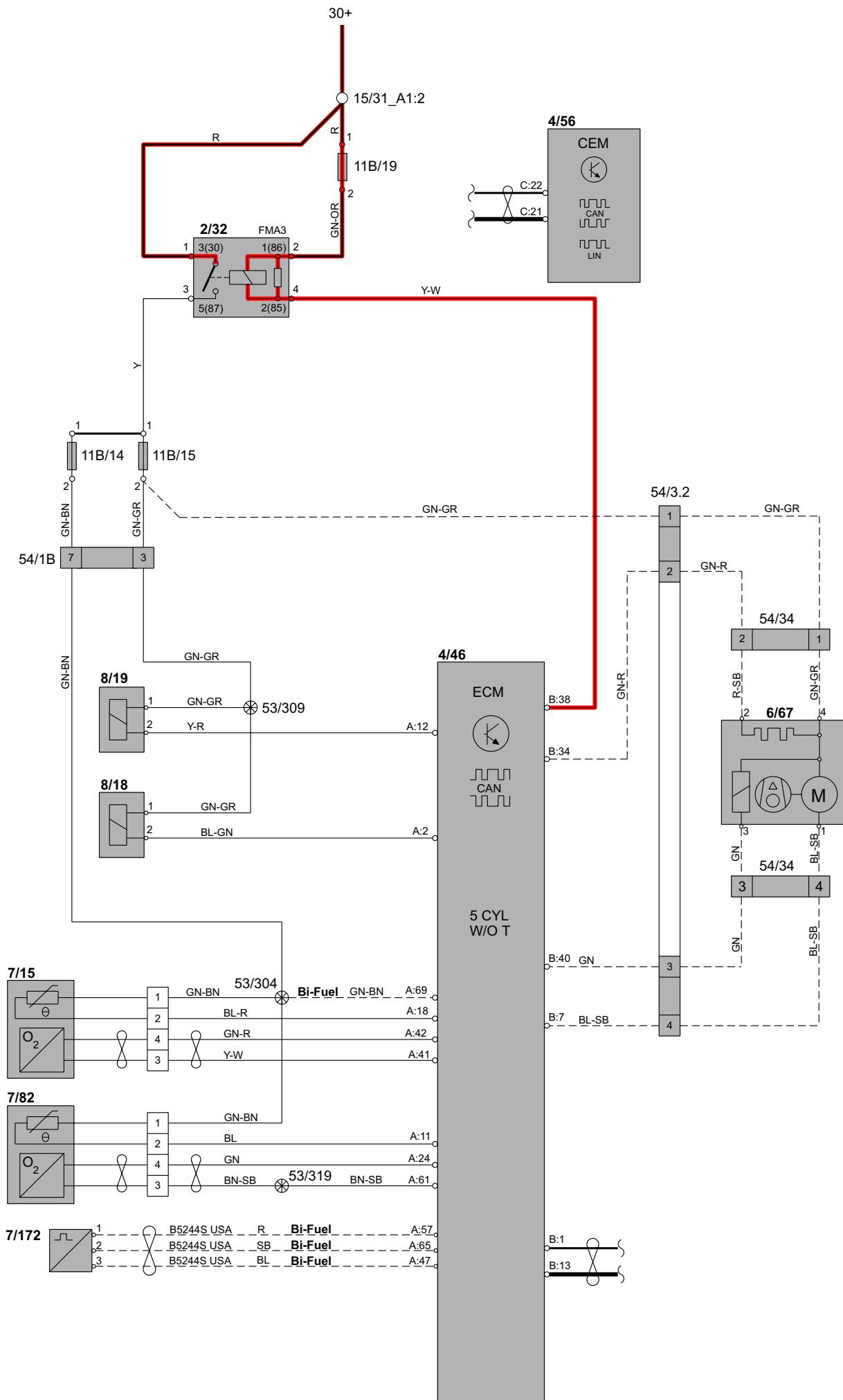


Group 23 Fuel system

Engine management system, 8-cyl. 2:2

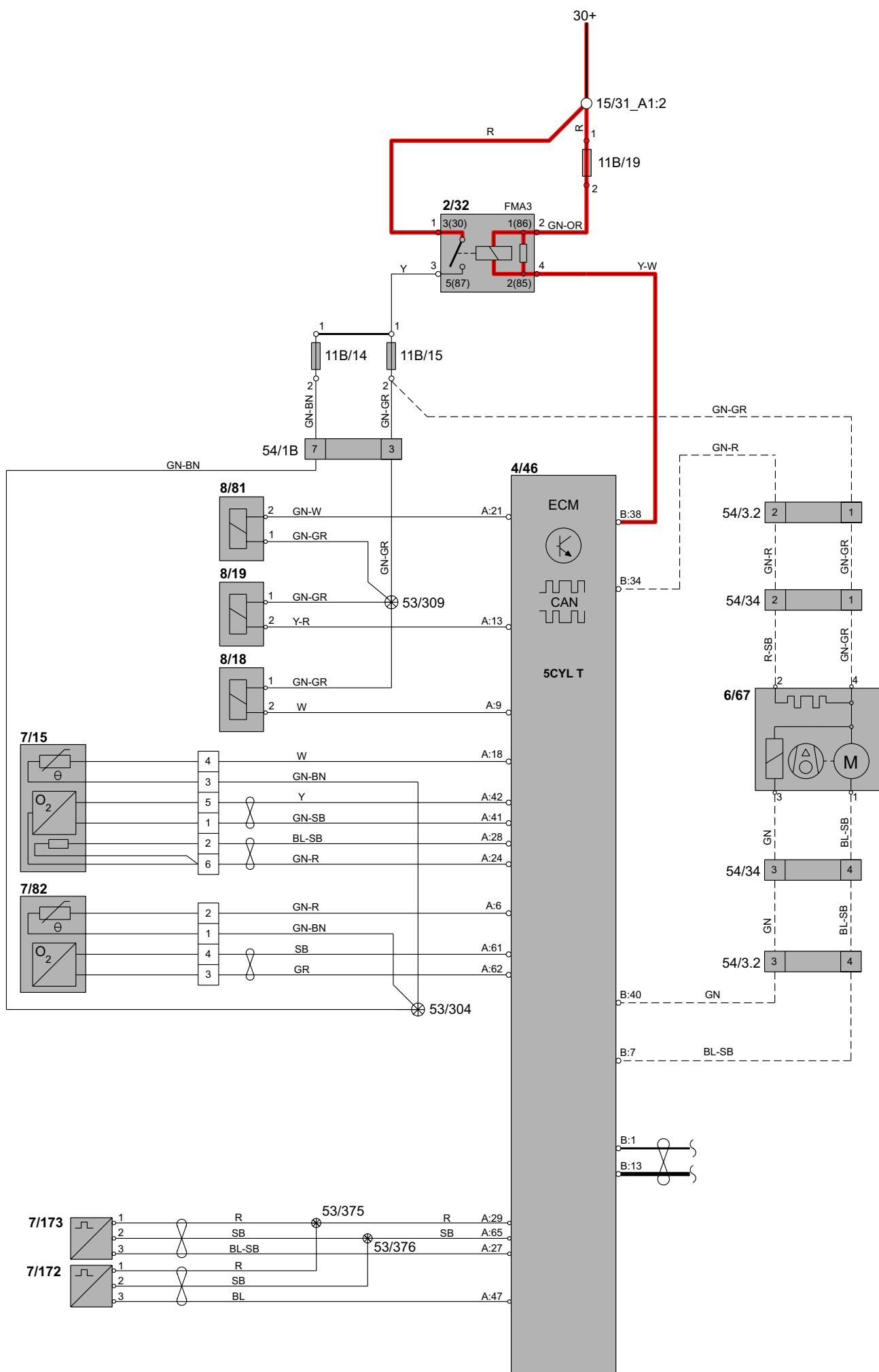


Group 23 Fuel system Emission control, 5-cyl.

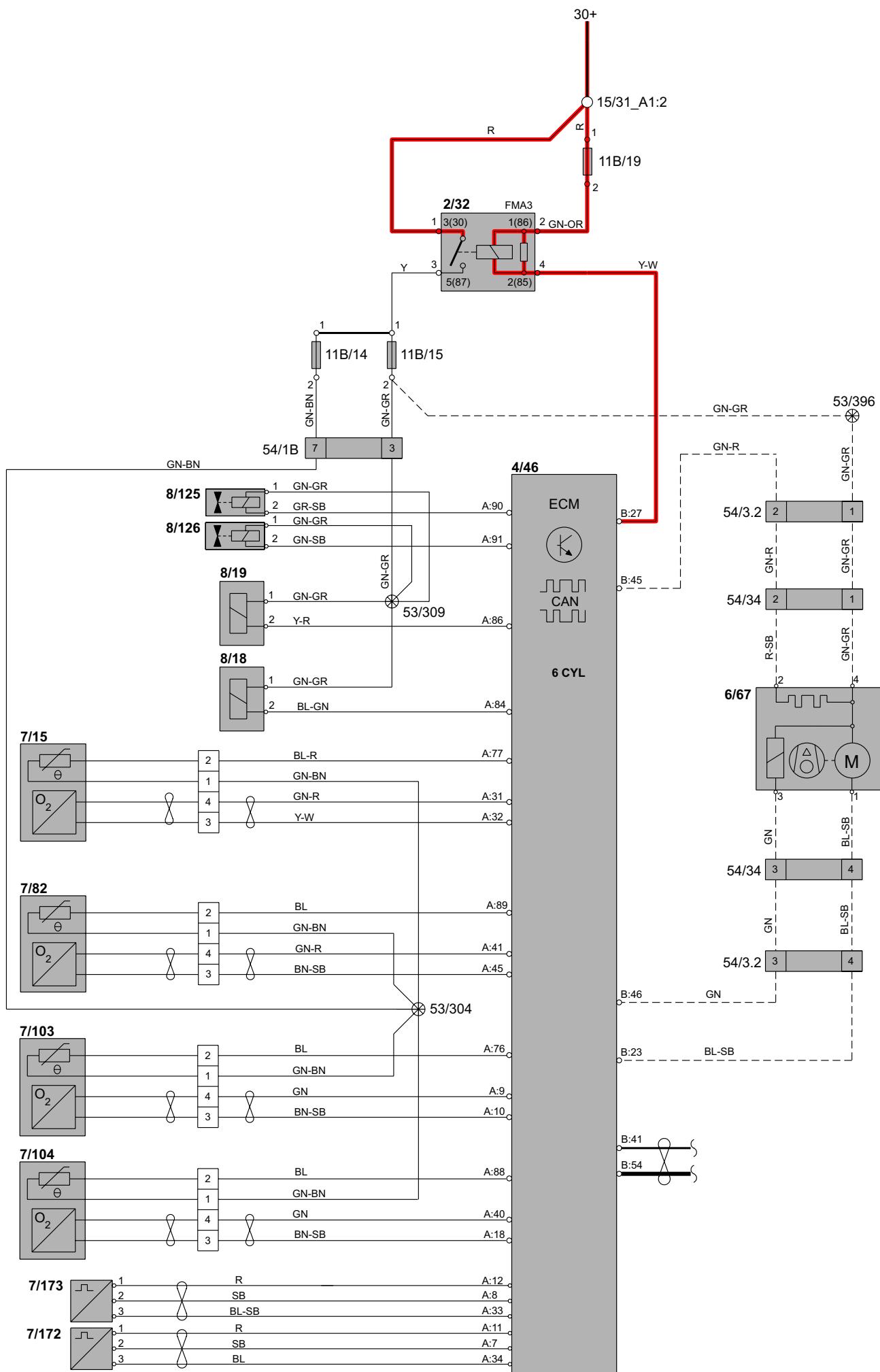


Group 23 Fuel system

Emission control, 5-cyl. Turbo

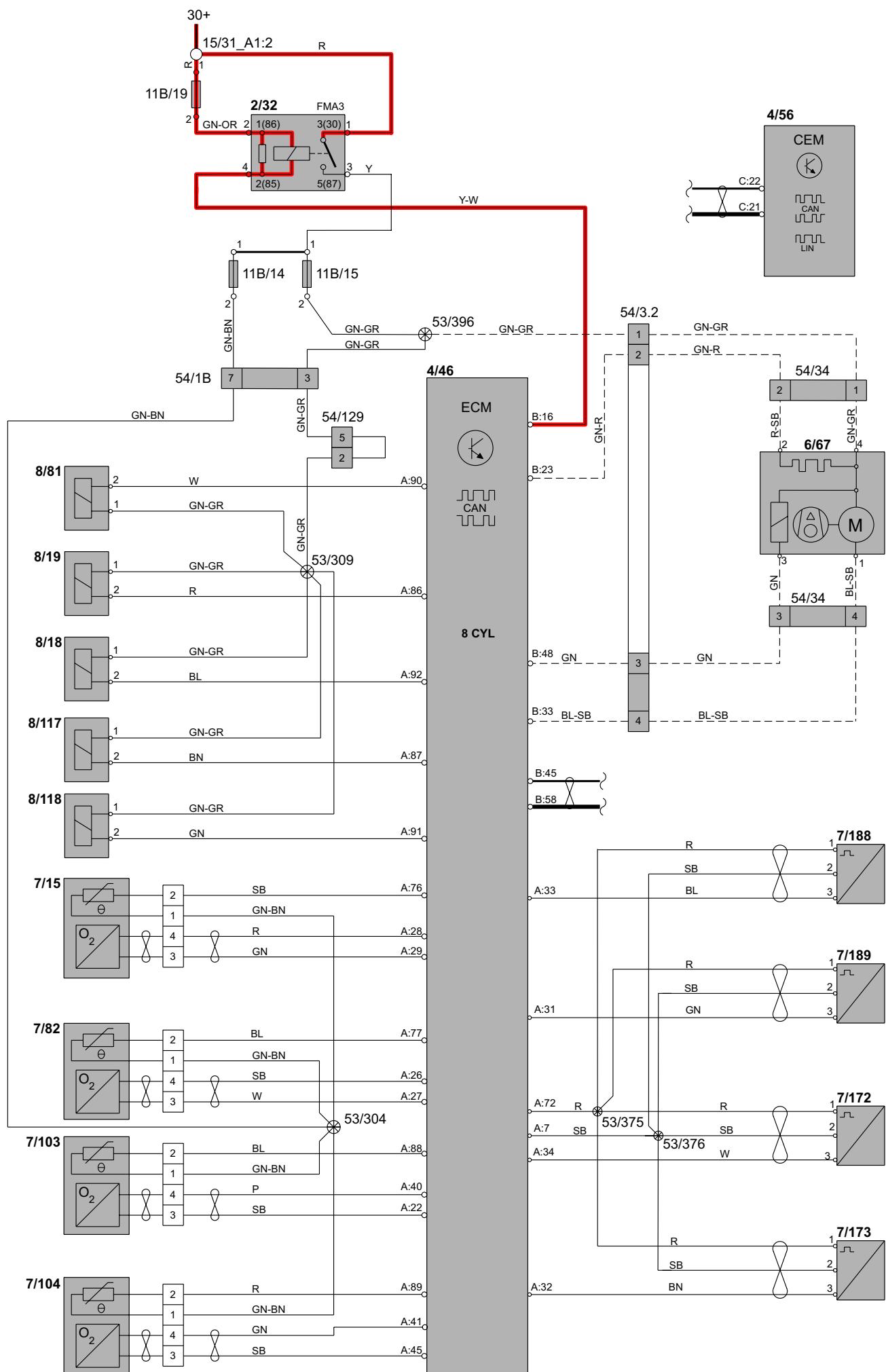


Group 23 Fuel system Emission control, 6-cyl.



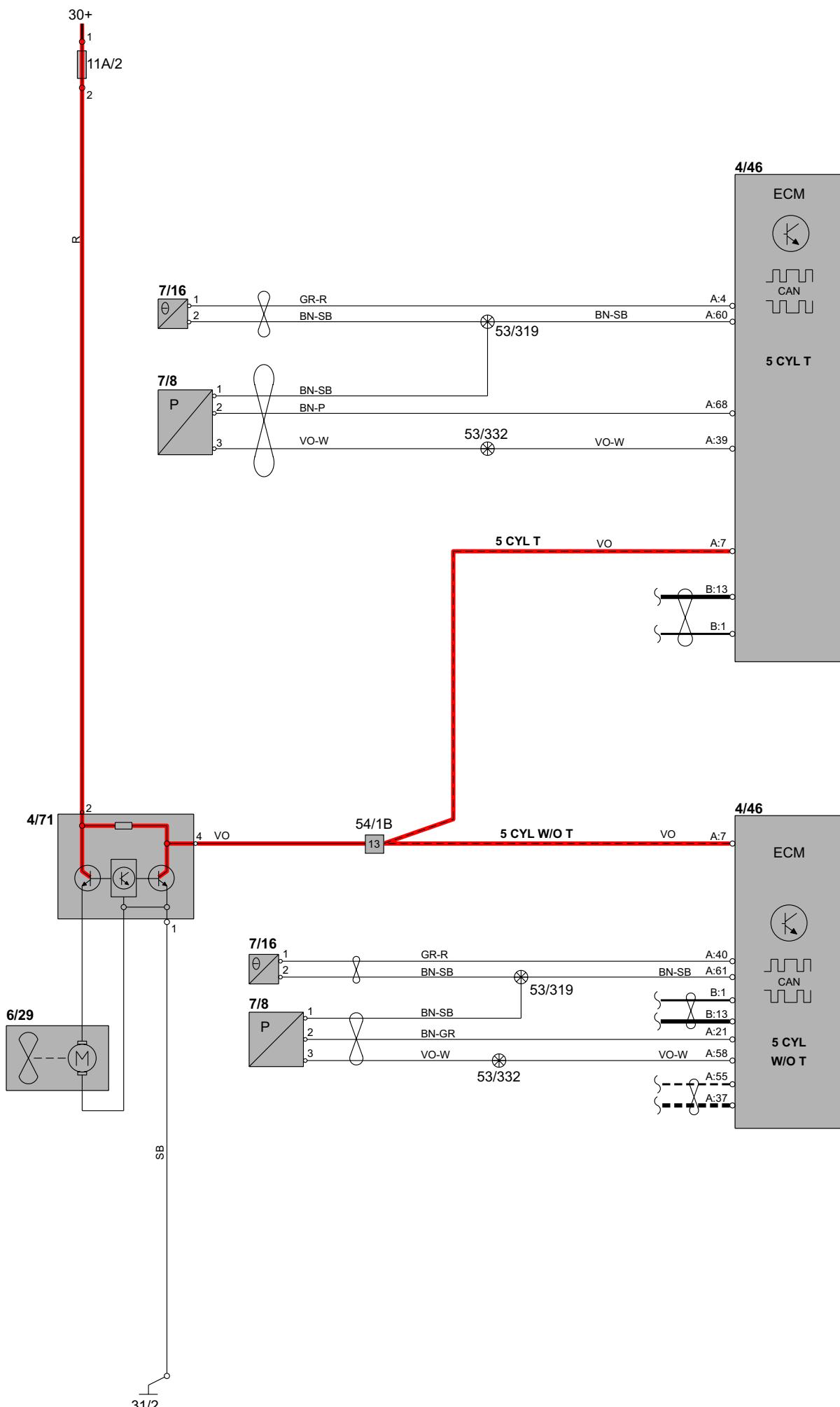
Group 23 Fuel system

Emission control, 8-cyl. XC90



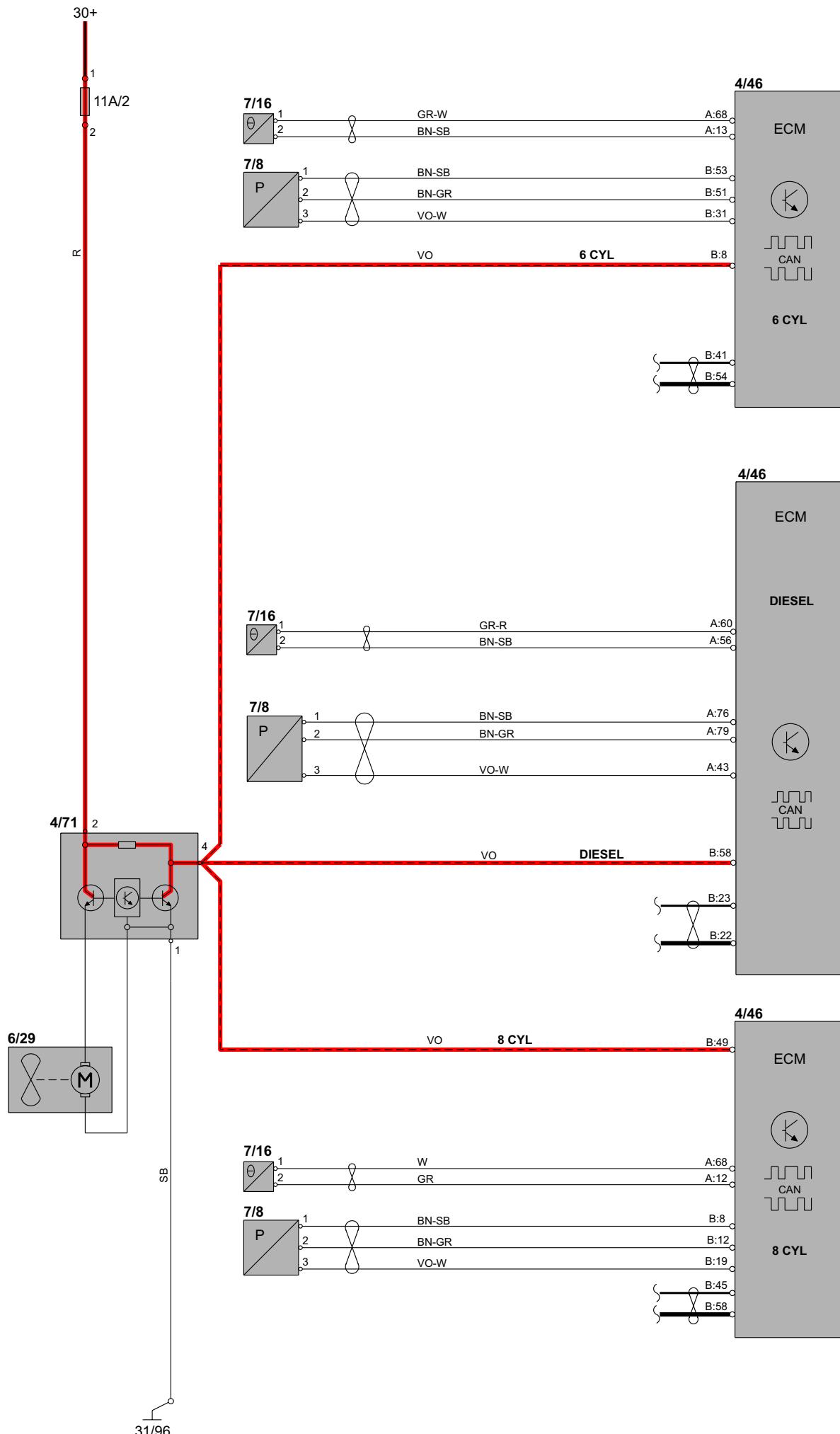
Group 26 Cooling system

Cooling fan



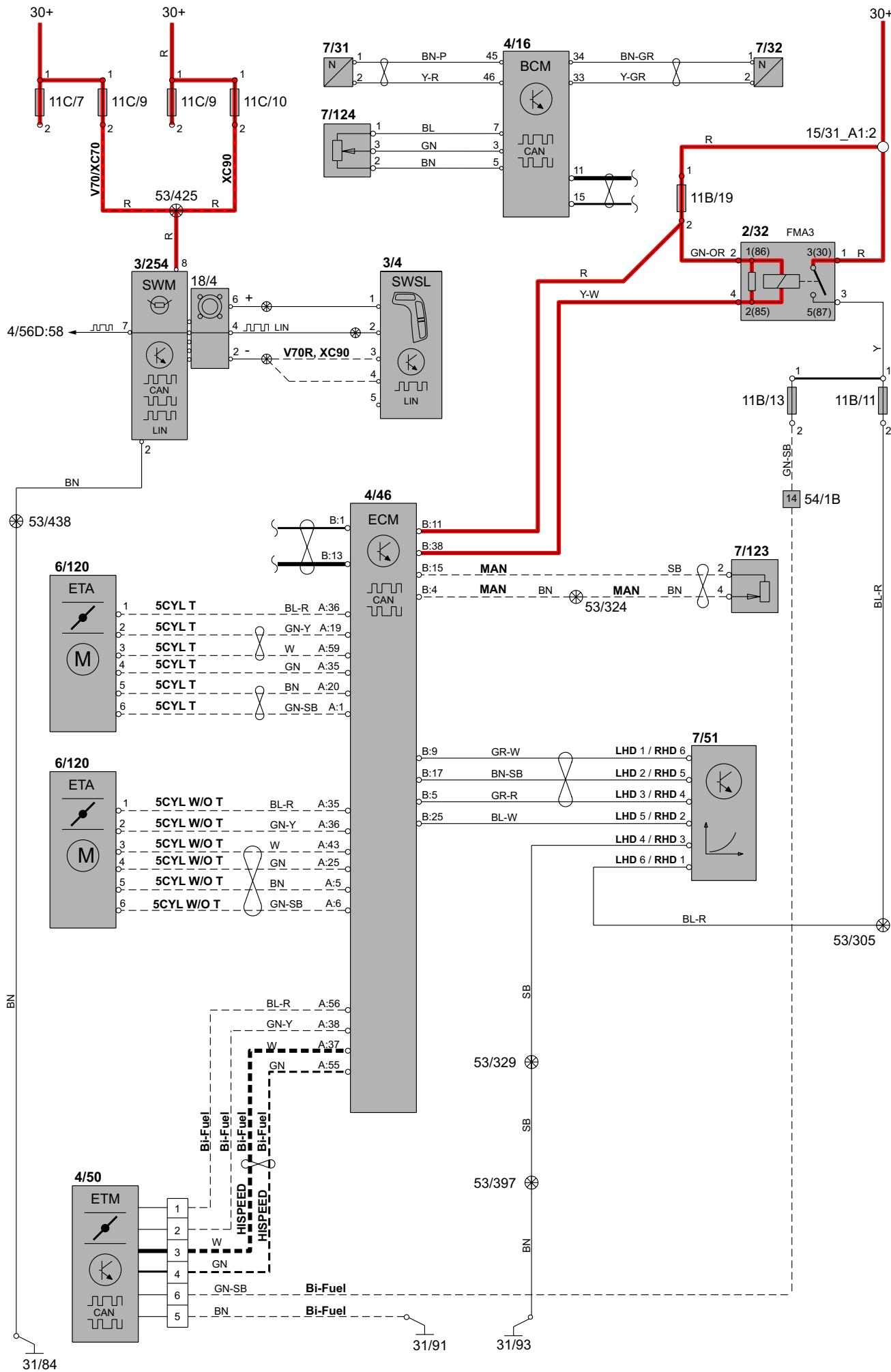
Group 26 Cooling system

Cooling fan, Diesel, 6-cyl. & 8-cyl.



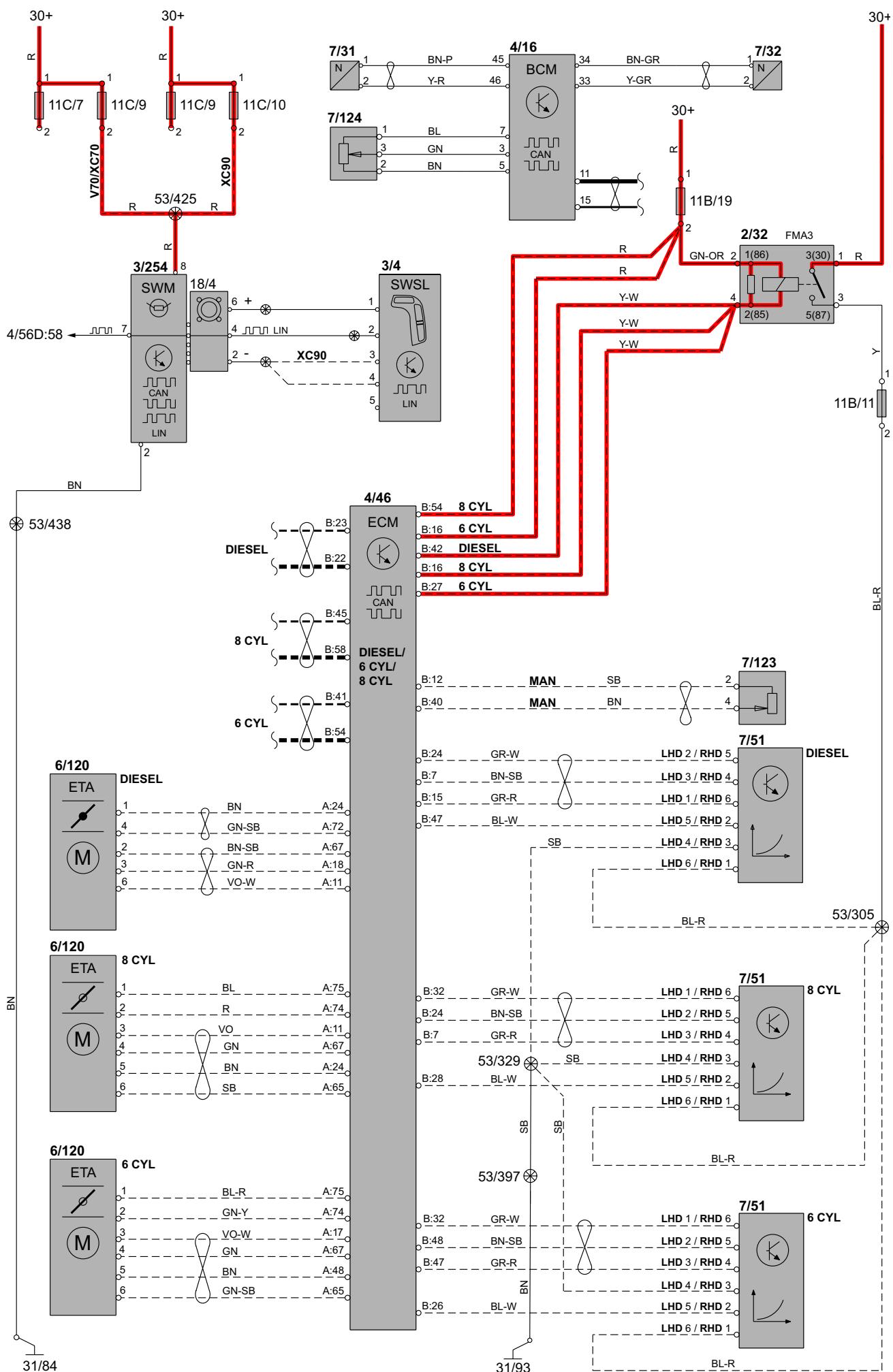
Group 27 Engine control

Cruise control

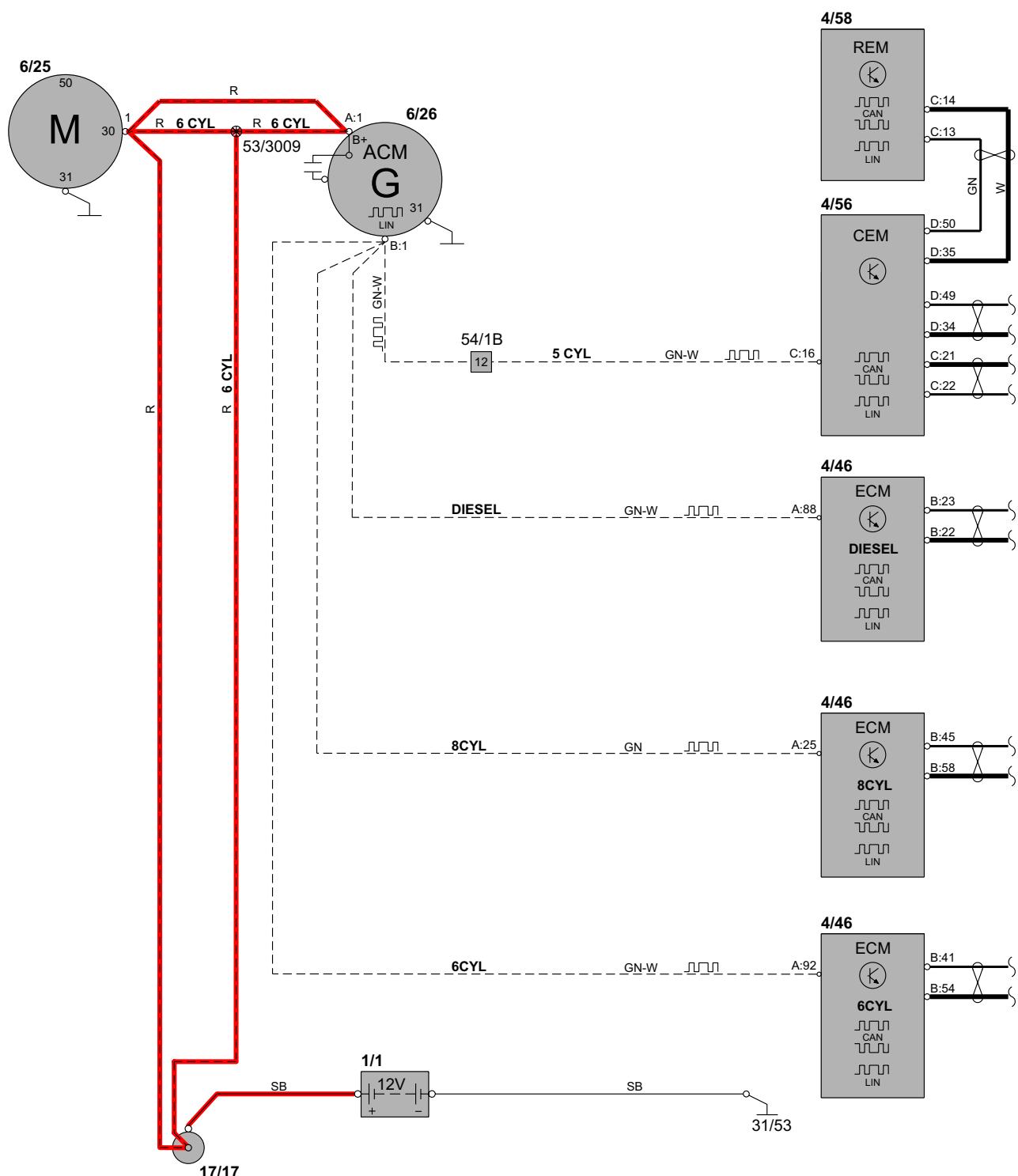


Group 27 Engine control

Cruise control, Diesel, 6-cyl. & 8-cyl.

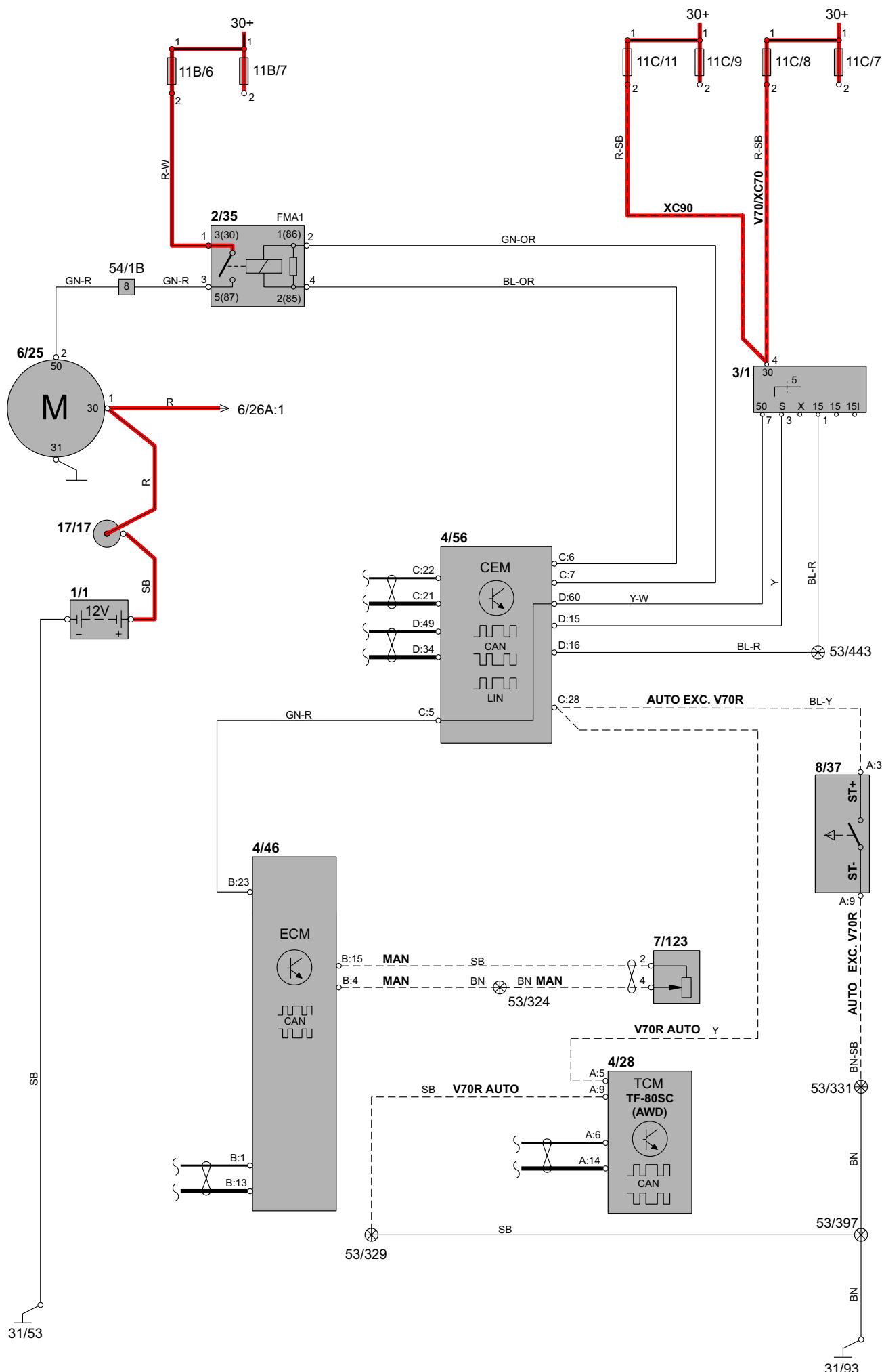


Group 32 Alternator and voltage regulator Power supply



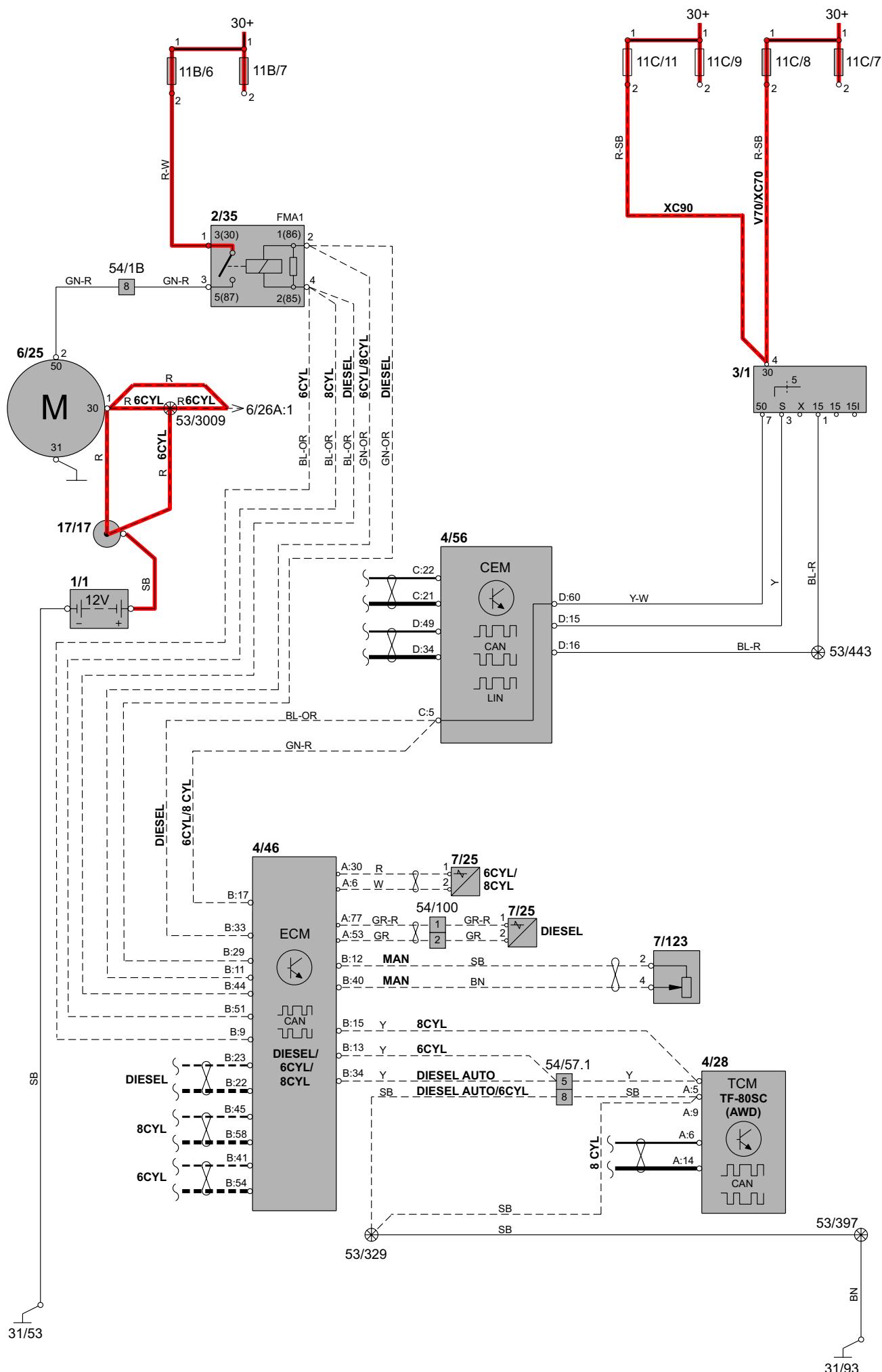
Group 33 Starting system

Starting system



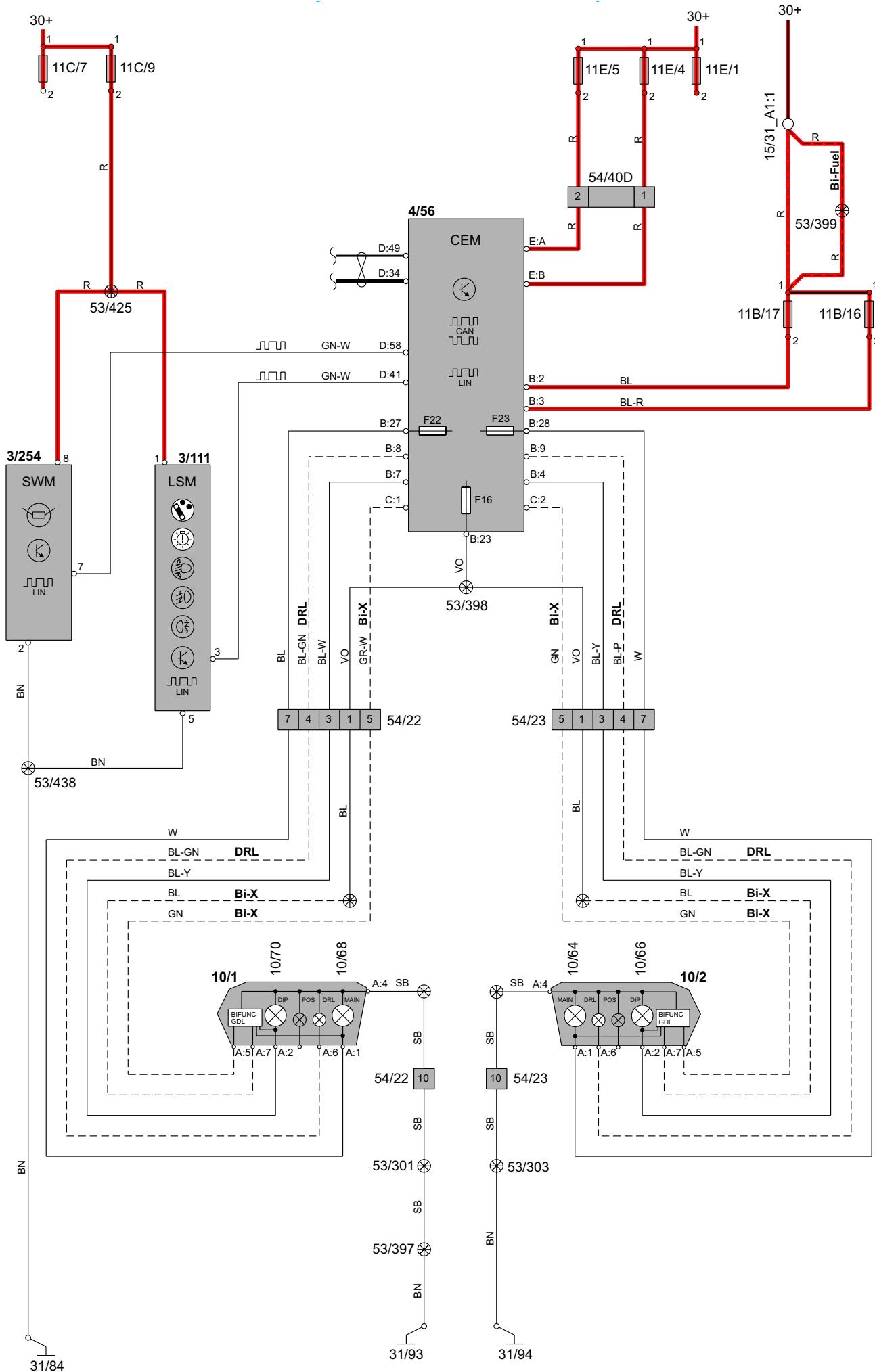
Group 33 Starting system

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



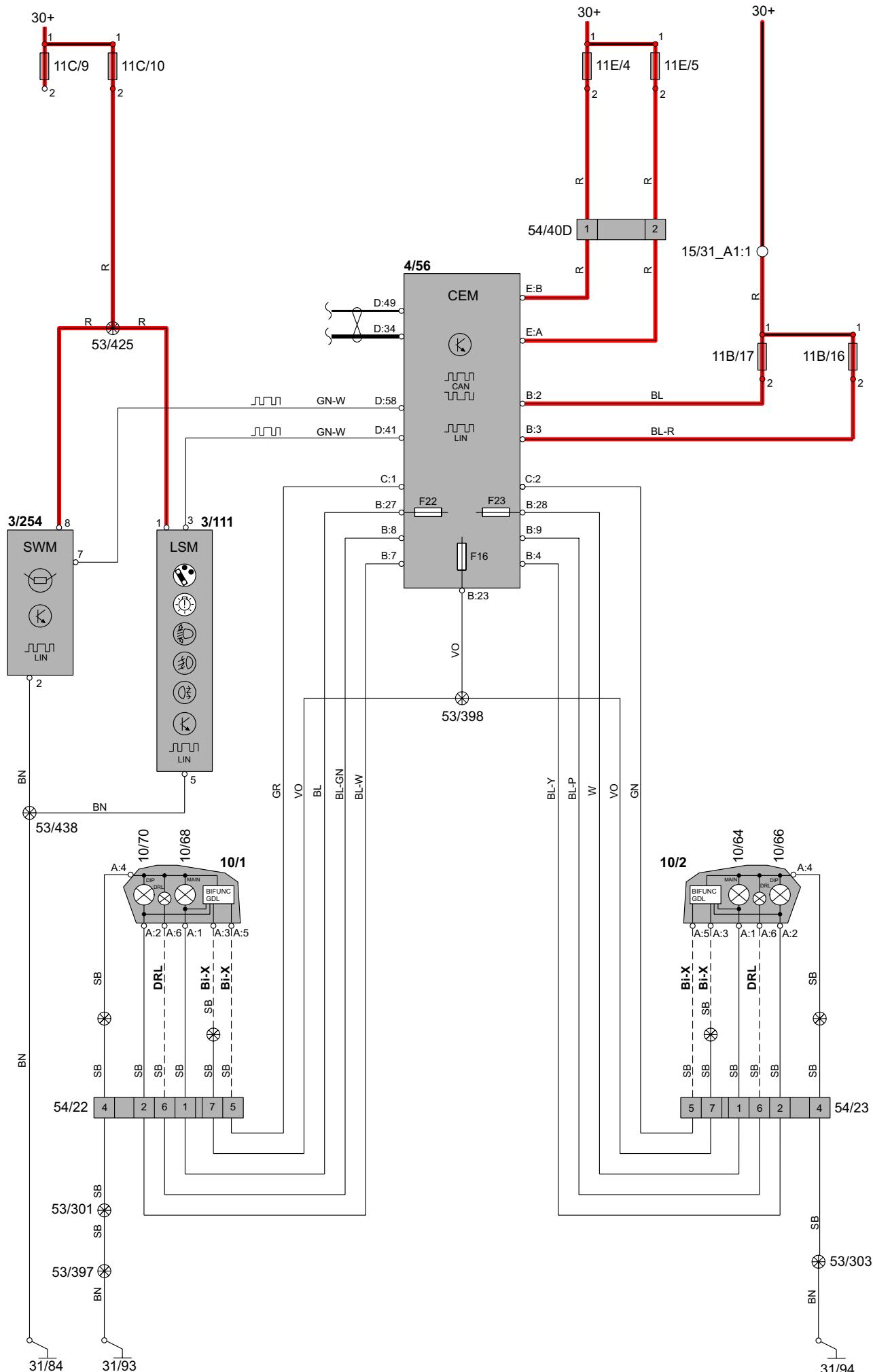
Group 35 Lighting

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



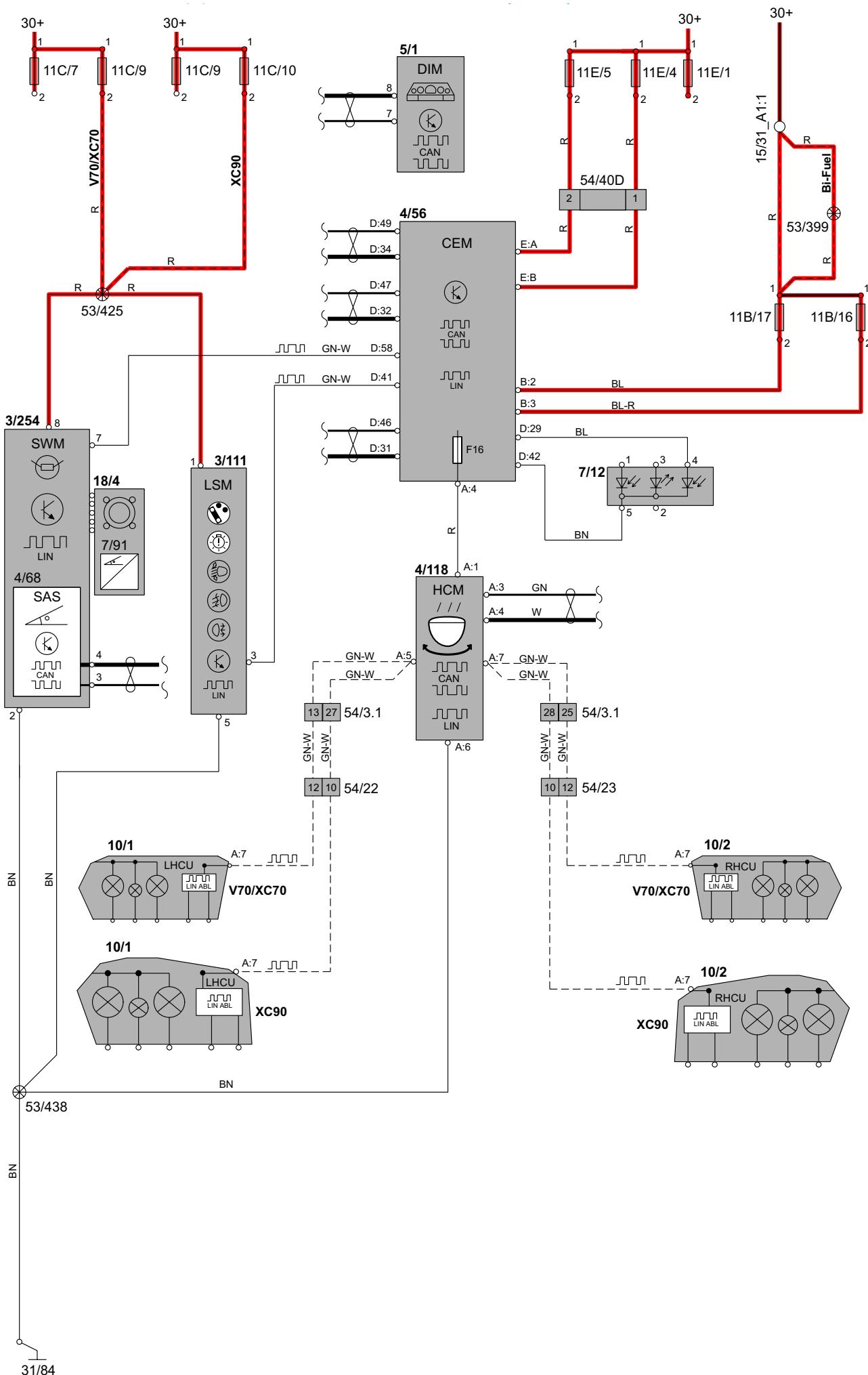
Group 35 Lighting

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



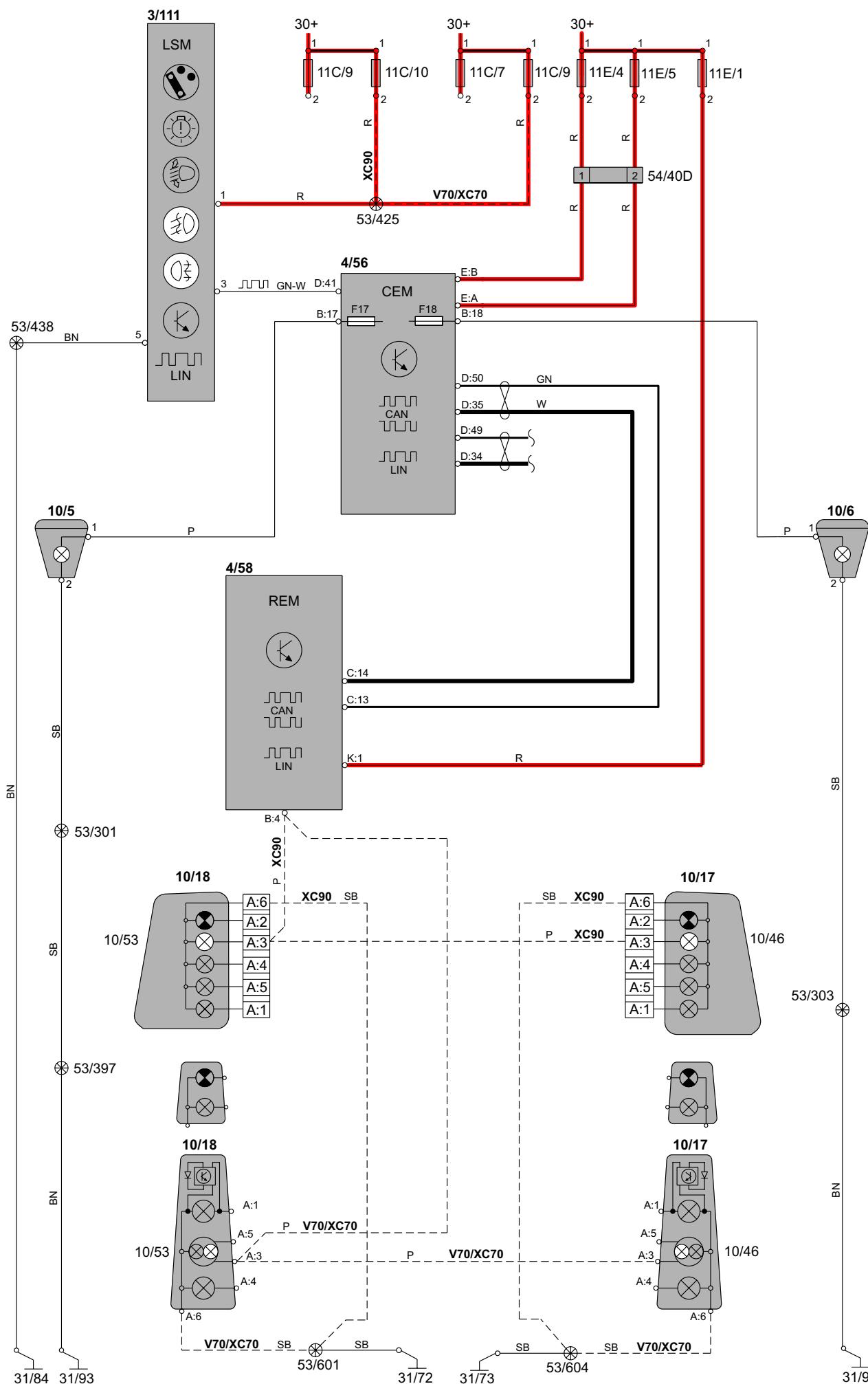
Group 35 Lighting

Active headlights (ABL)



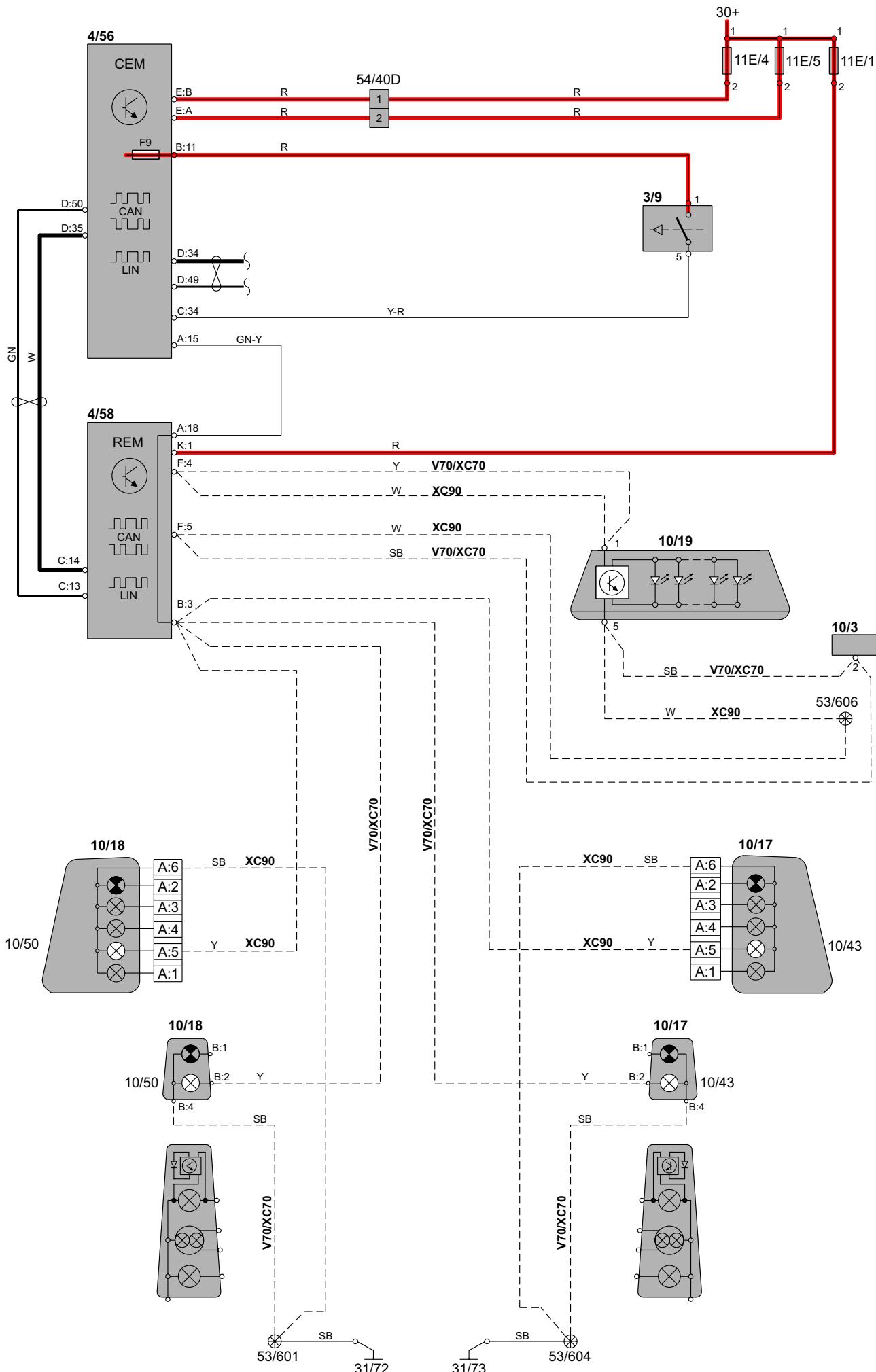
Group 35 Lighting

Fog lights



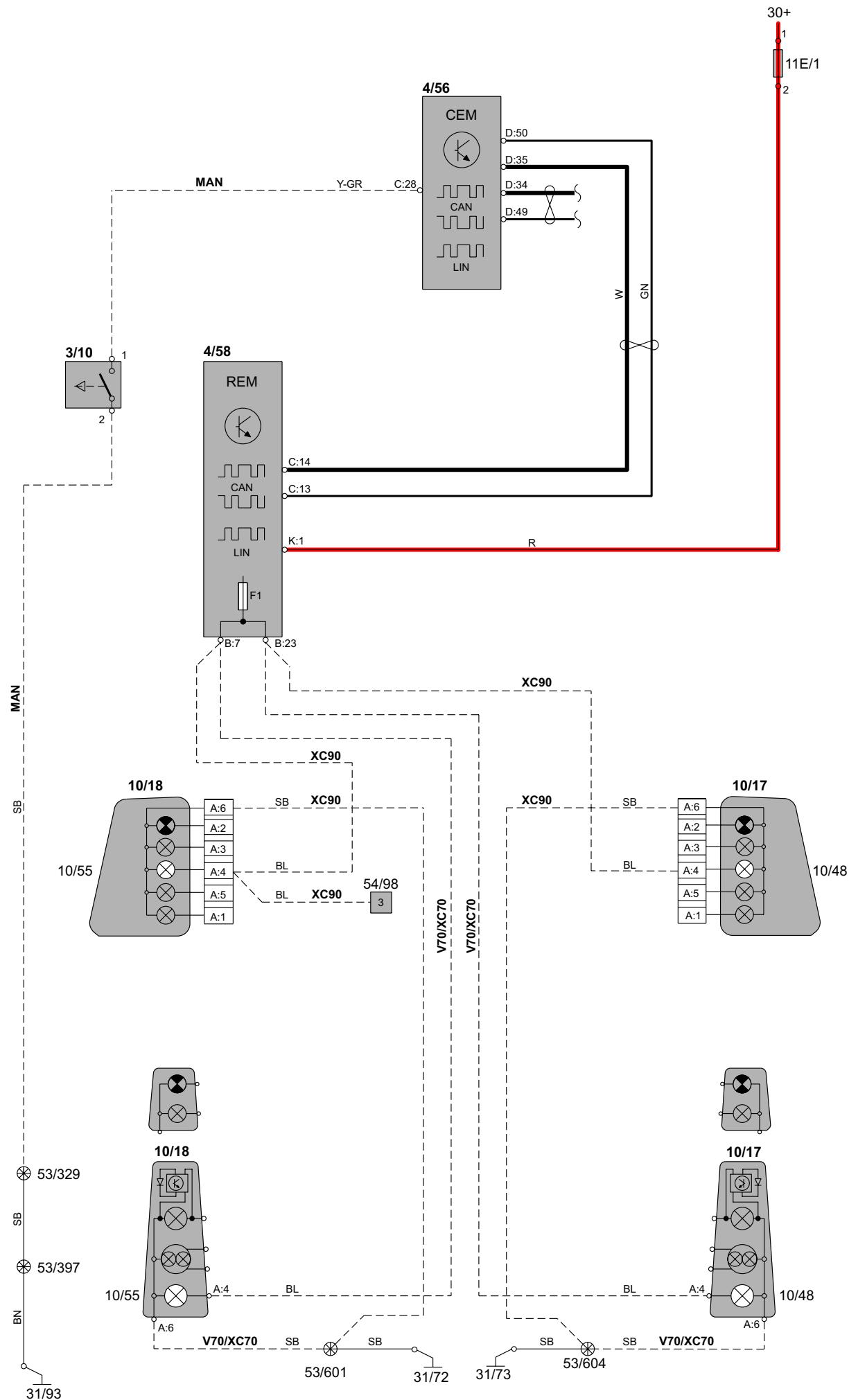
Group 35 Lighting

Brake lights



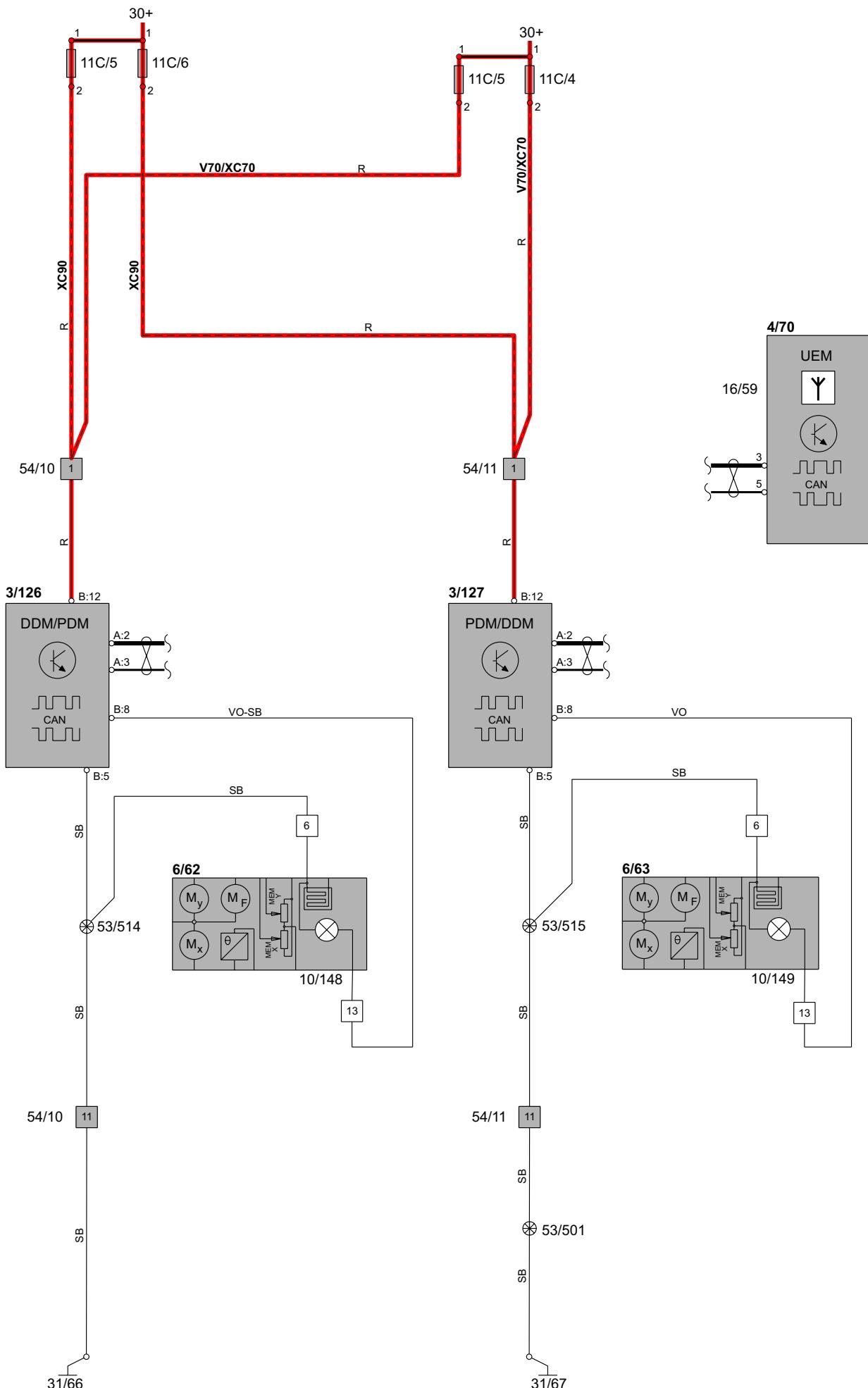
Group 35 Lighting

Reversing lights



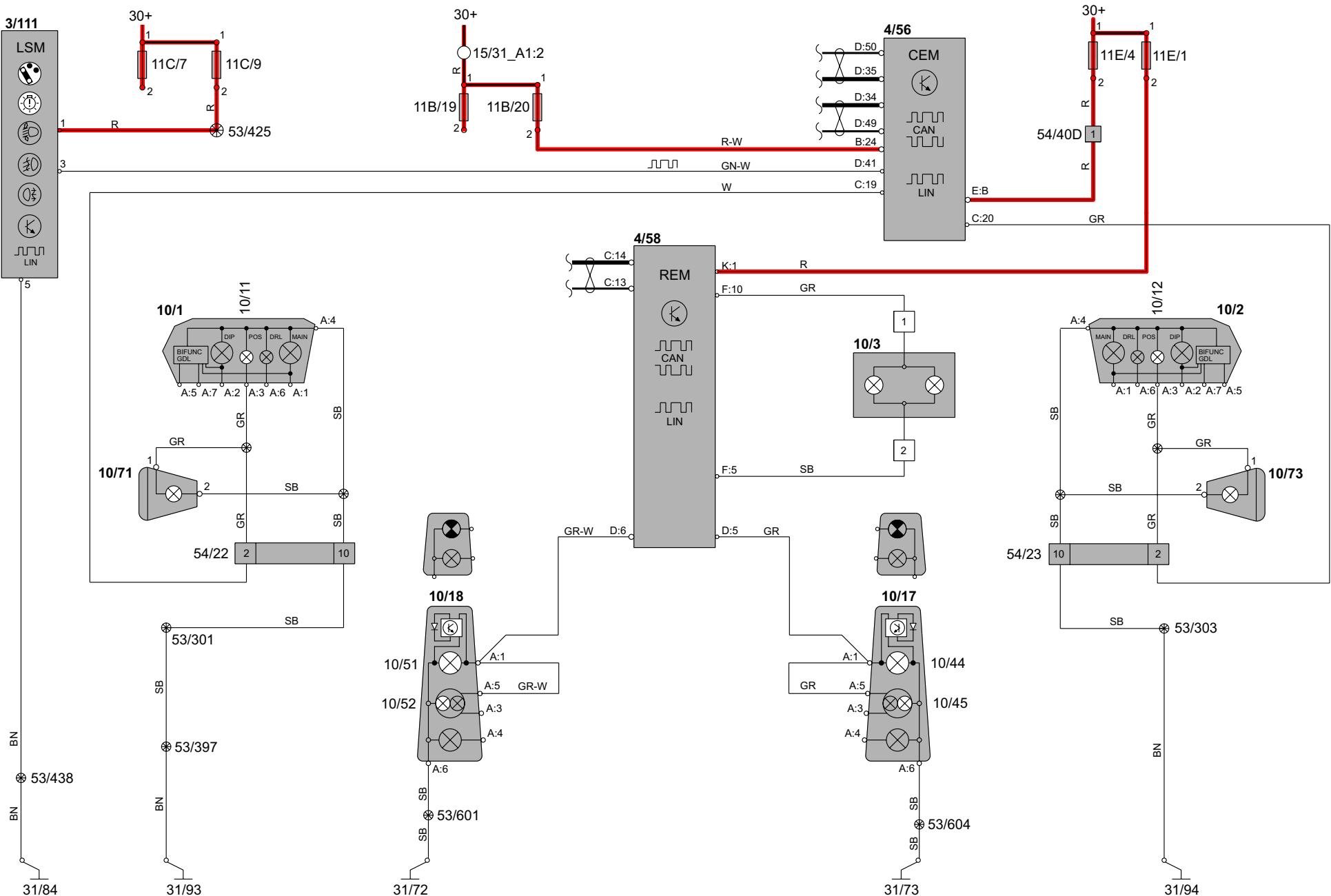
Group 35 Lighting

Follow-me-home lighting



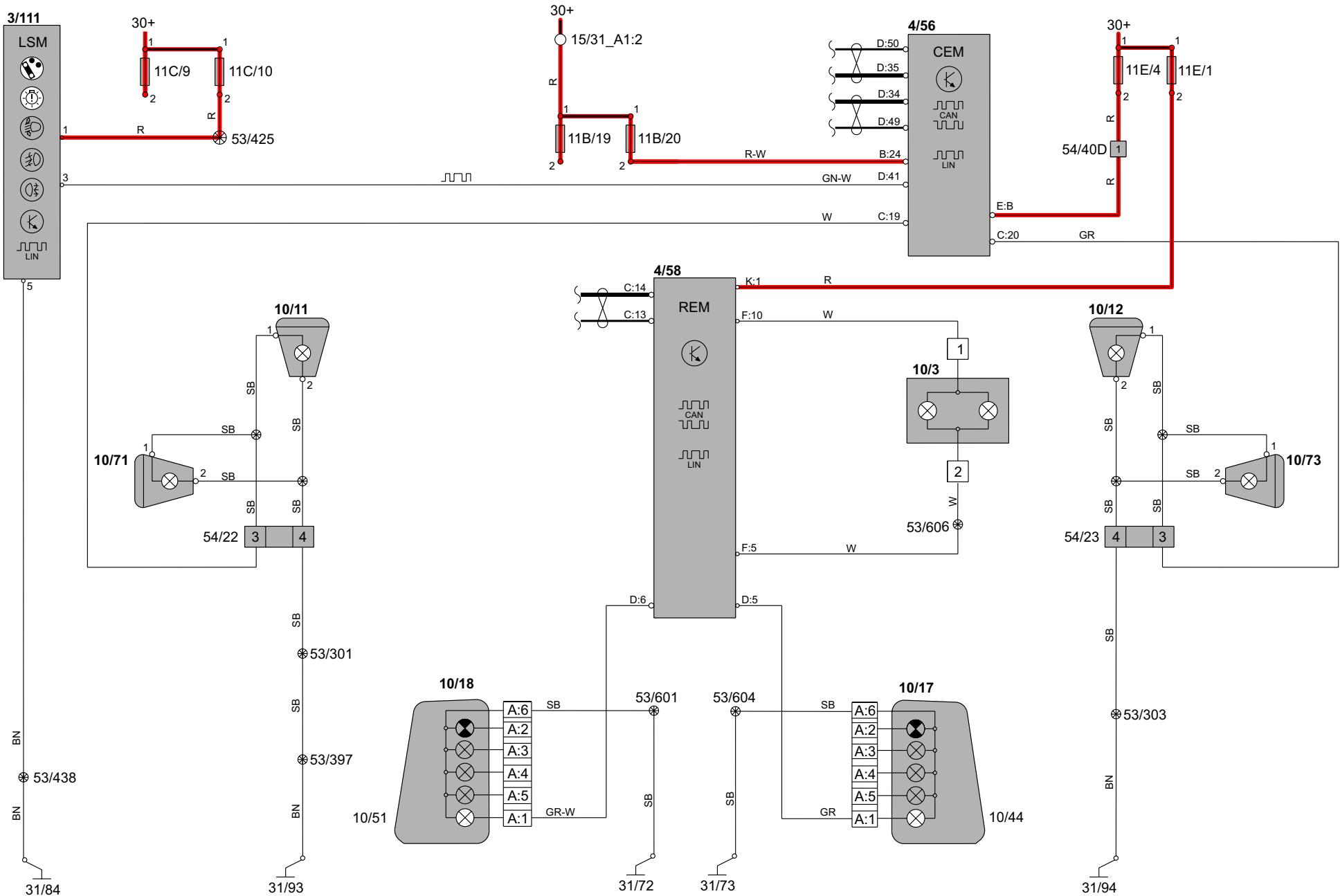
Group 35 Lighting

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



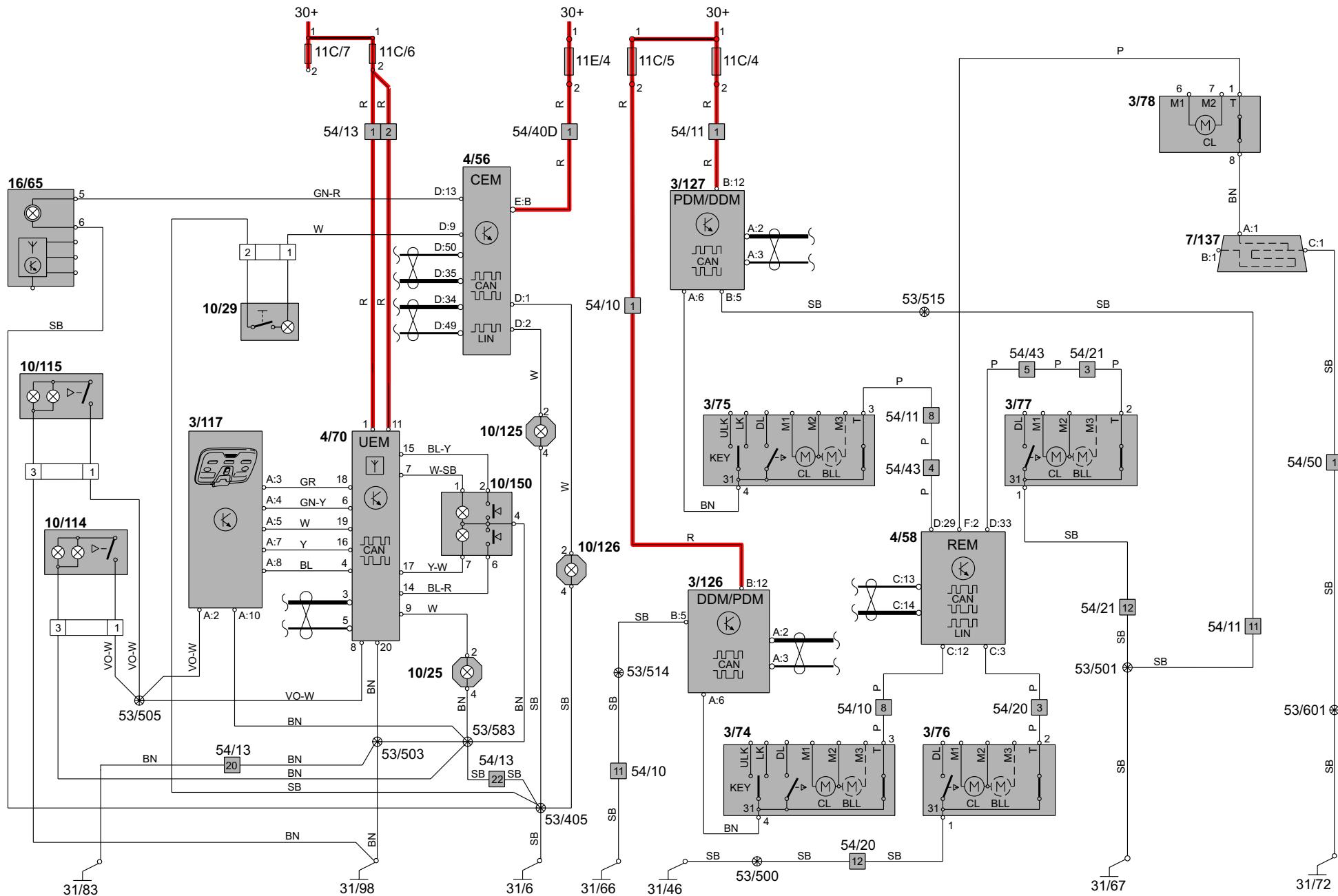
Group 35 Lighting

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



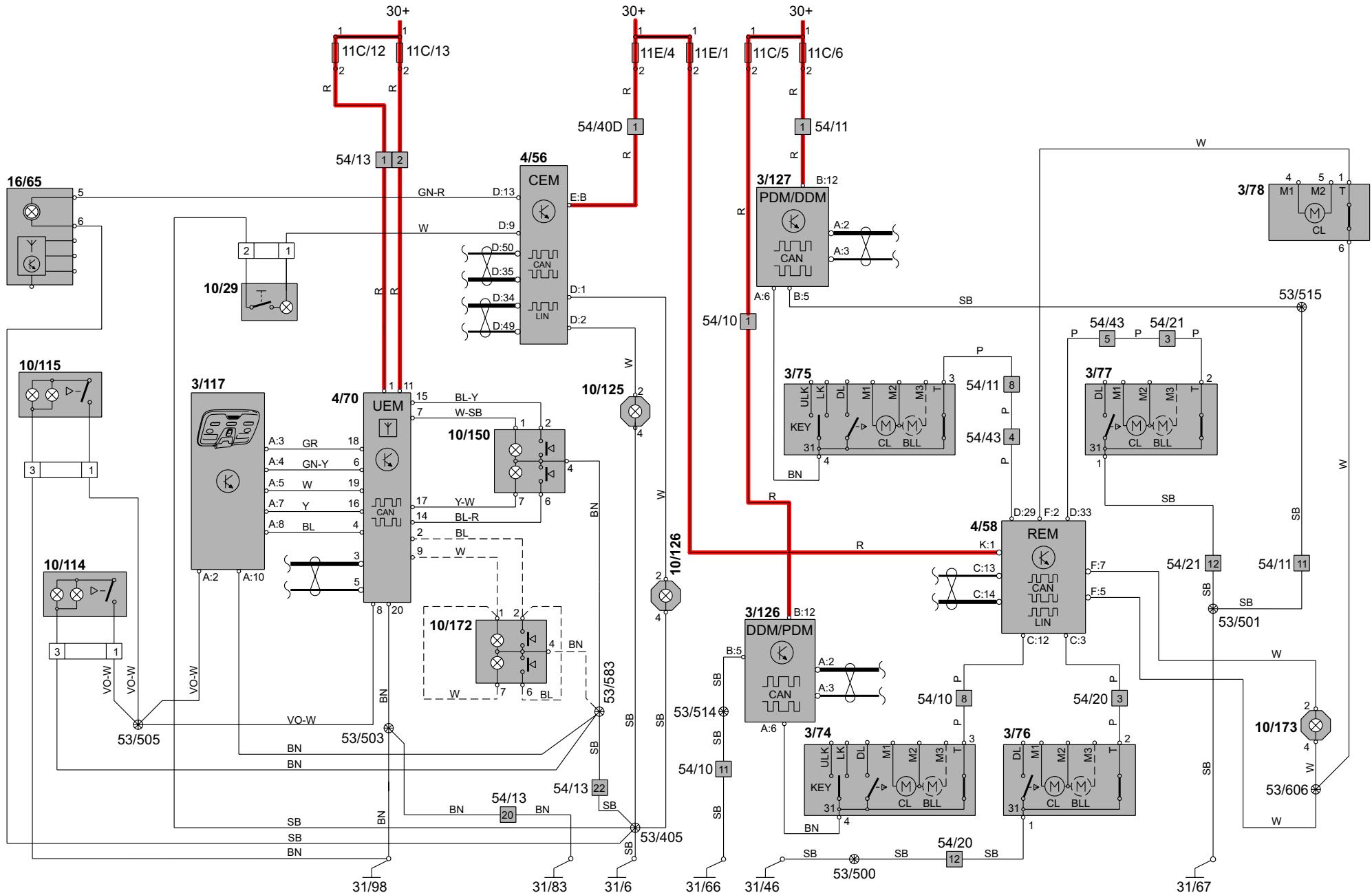
Group 35 Lighting

Interior lighting V70



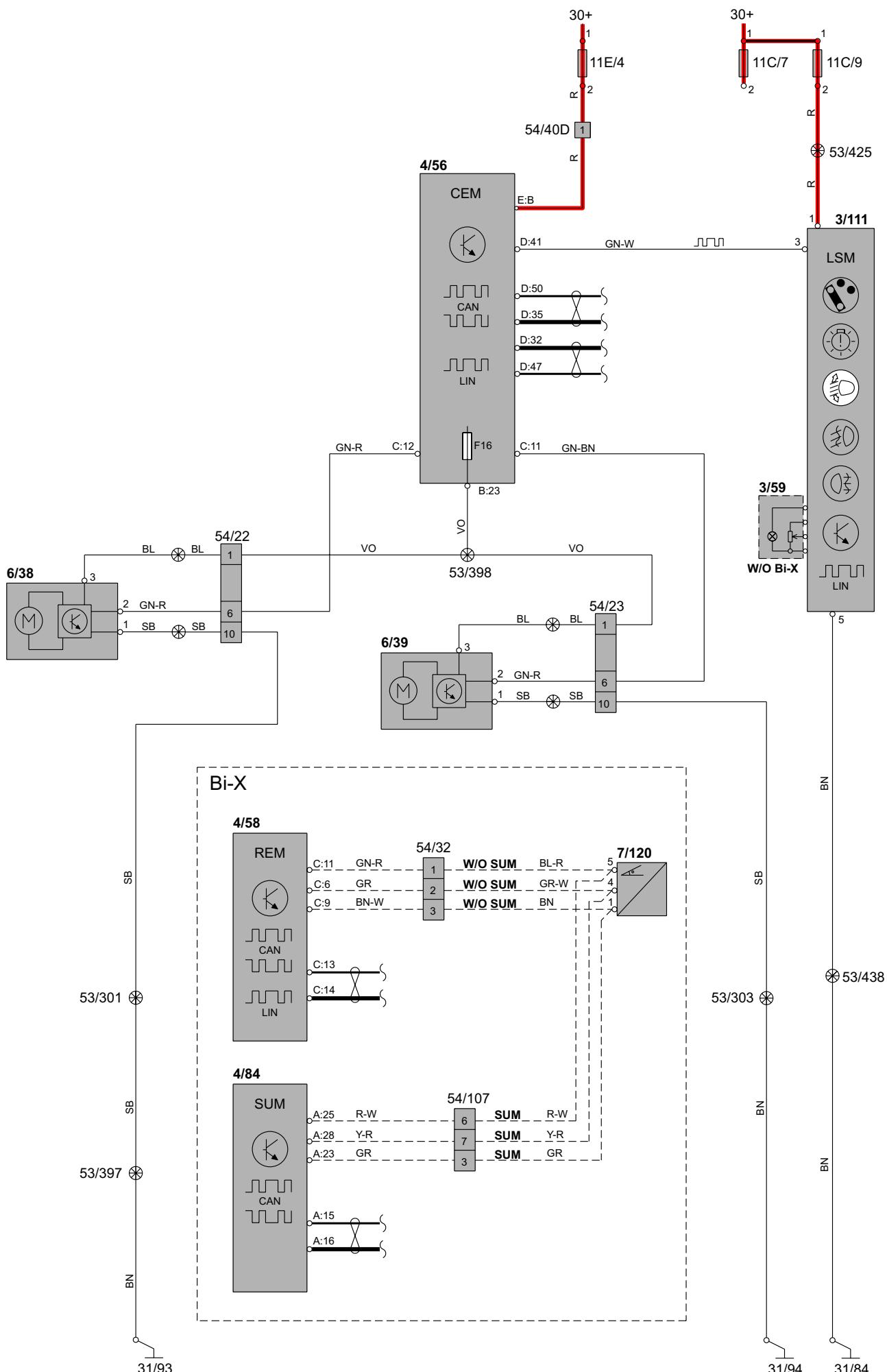
Group 35 Lighting

Interior lighting XC90



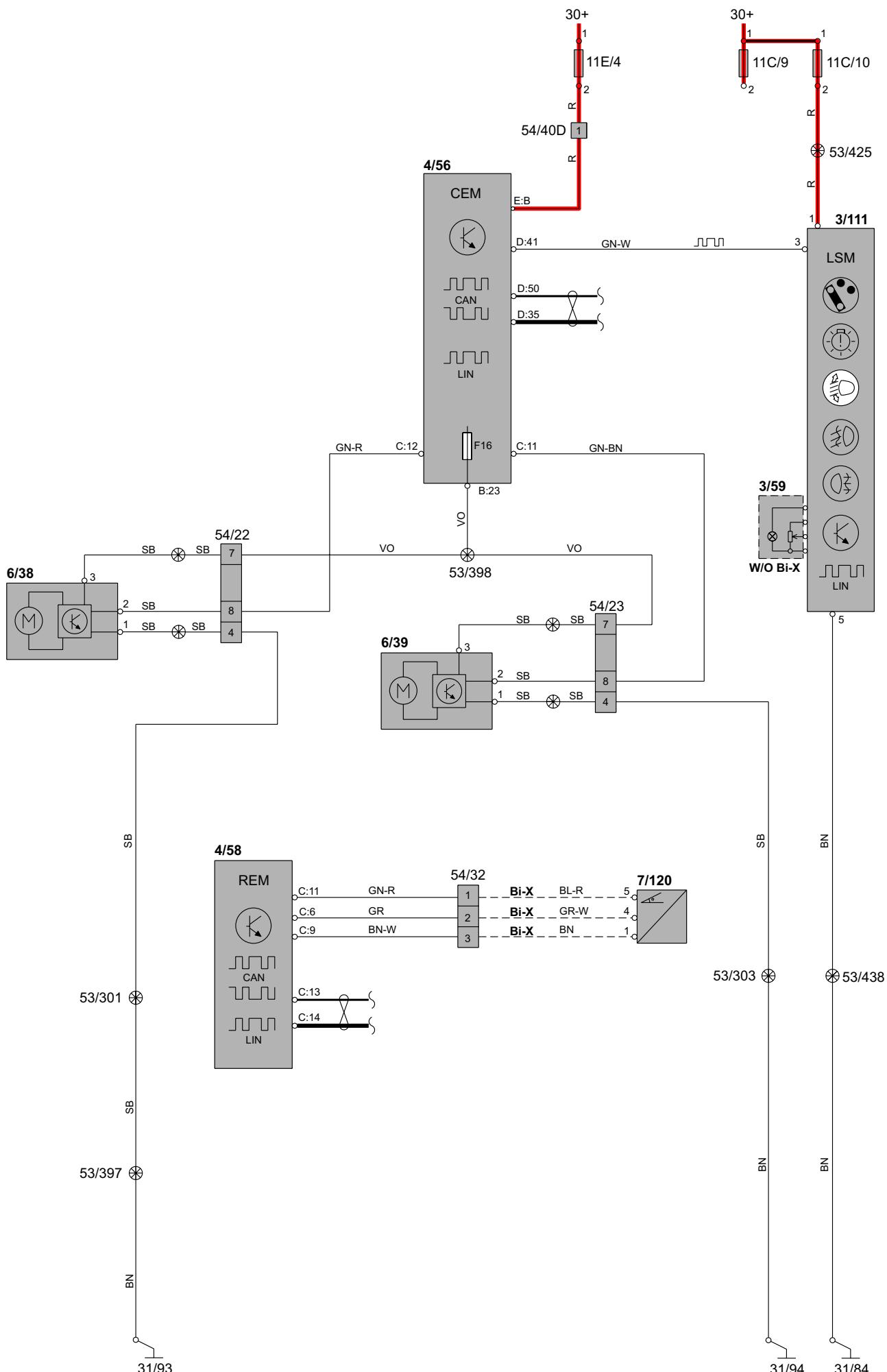
Group 35 Lighting

Beam length adjustment V70



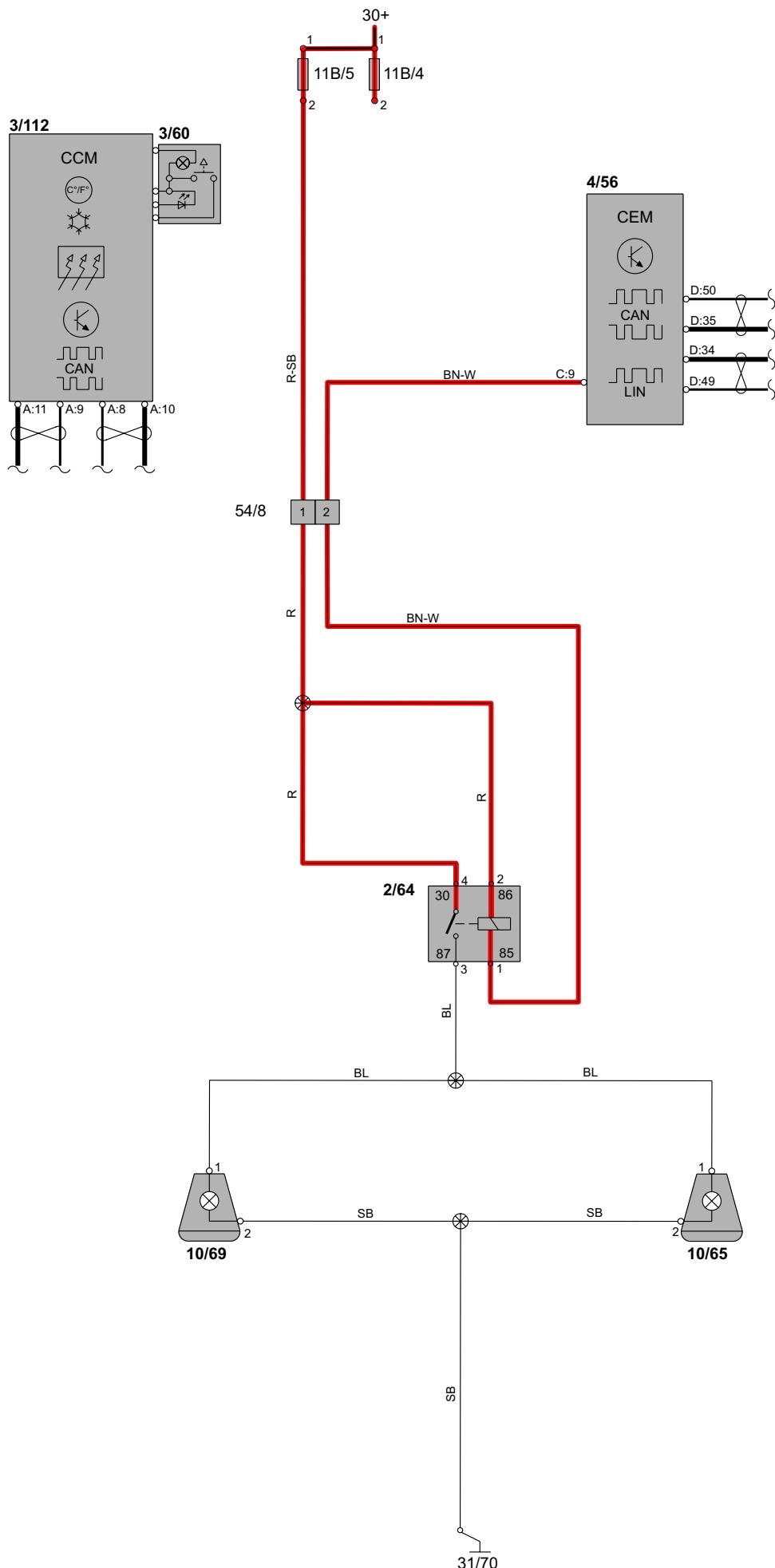
Group 35 Lighting

Beam length adjustment XC90



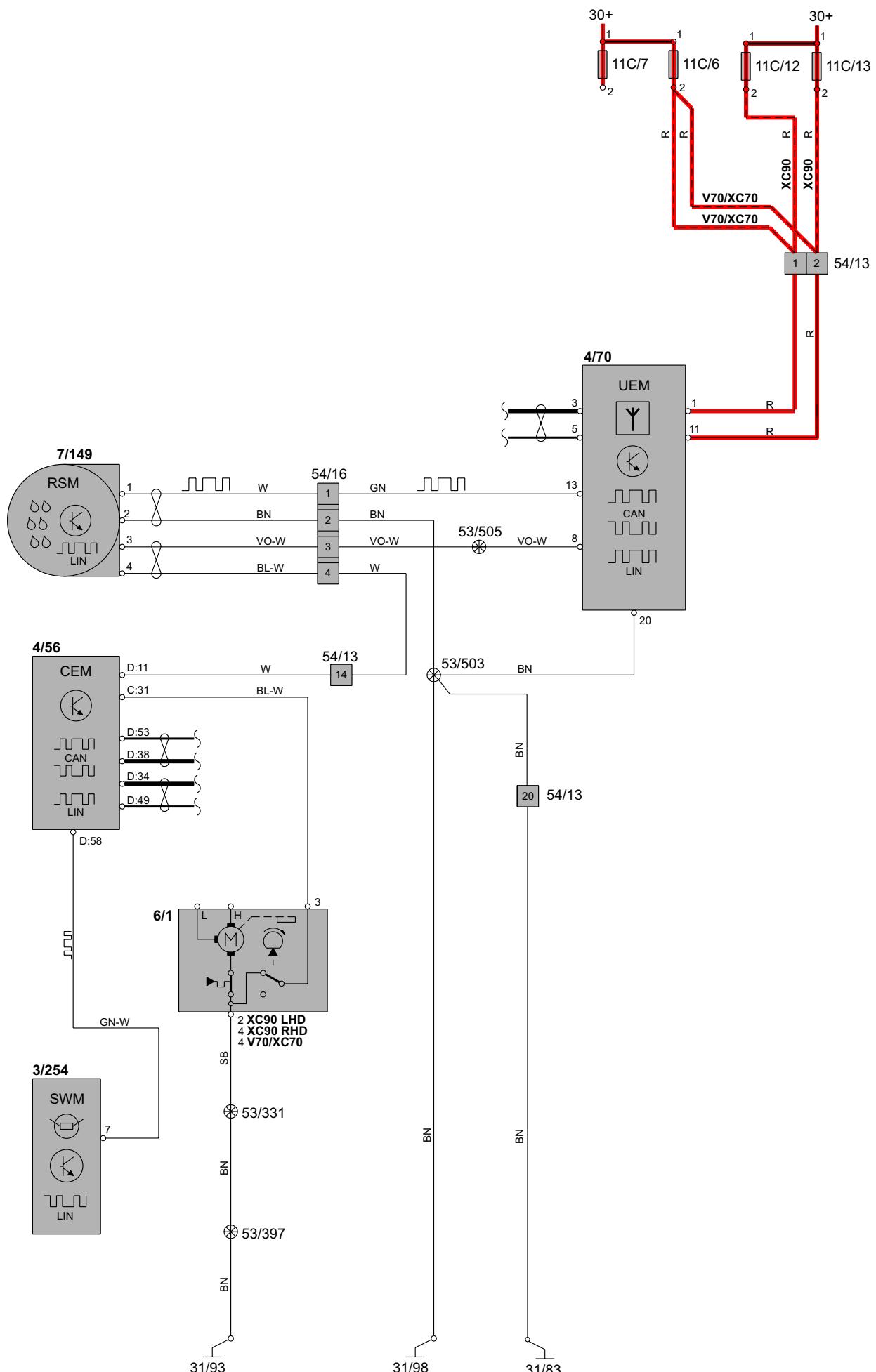
Group 35 Lighting, Accessories

Auxiliary lights



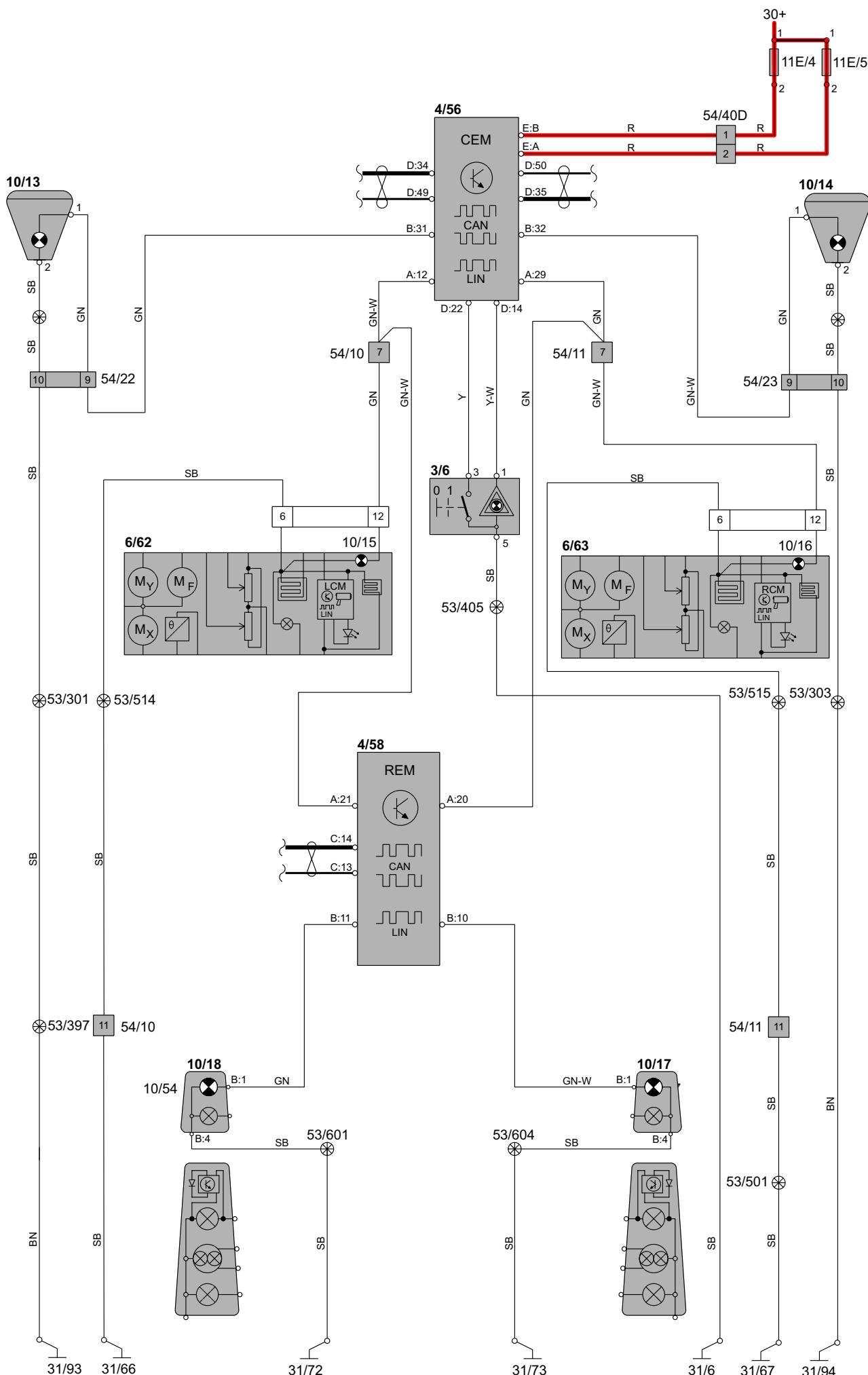
Group 36 Additional electrical equipment

Rain sensor



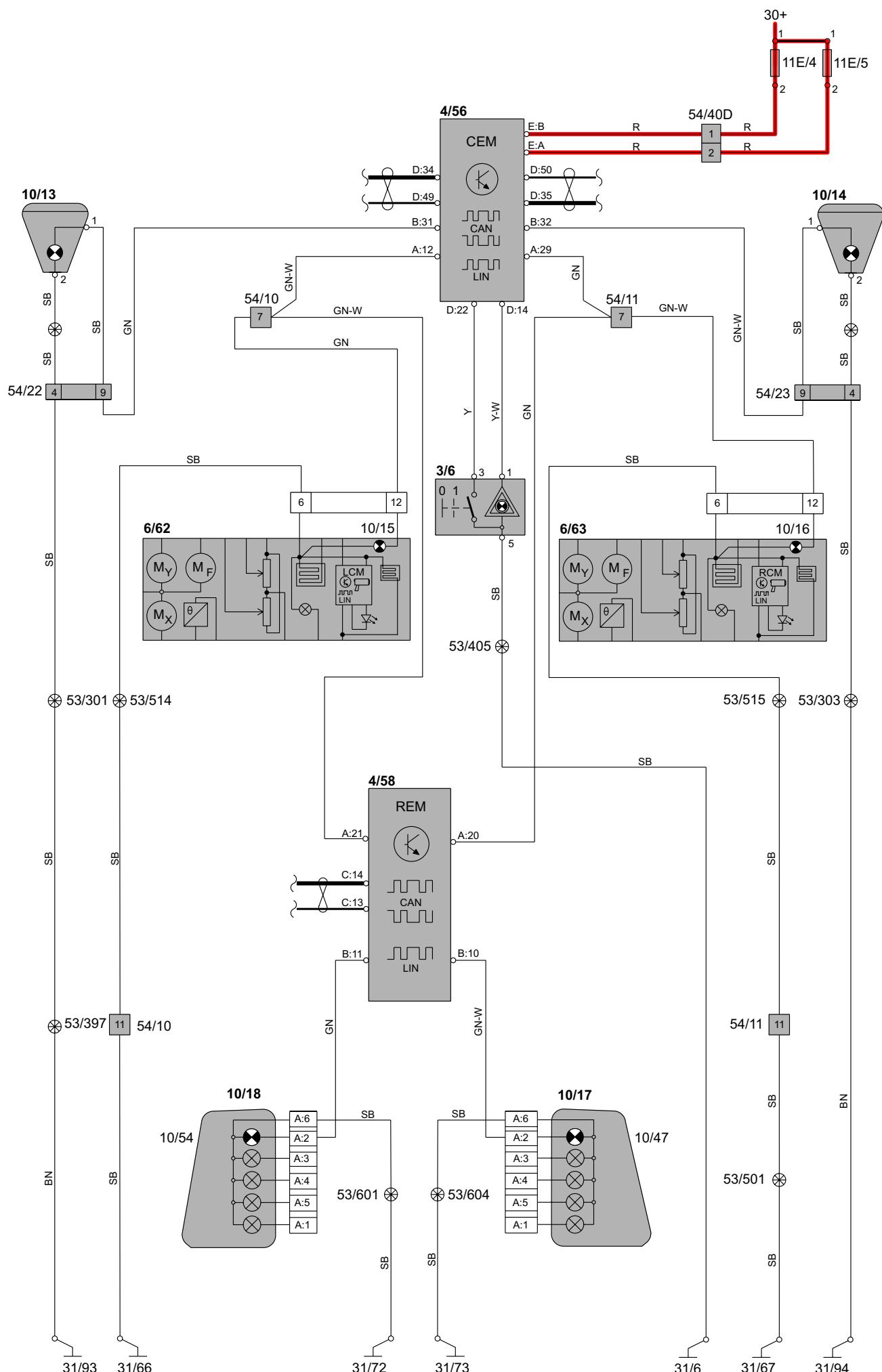
Group 36 Additional electrical equipment

Direction indicators and hazard warning flashers V70



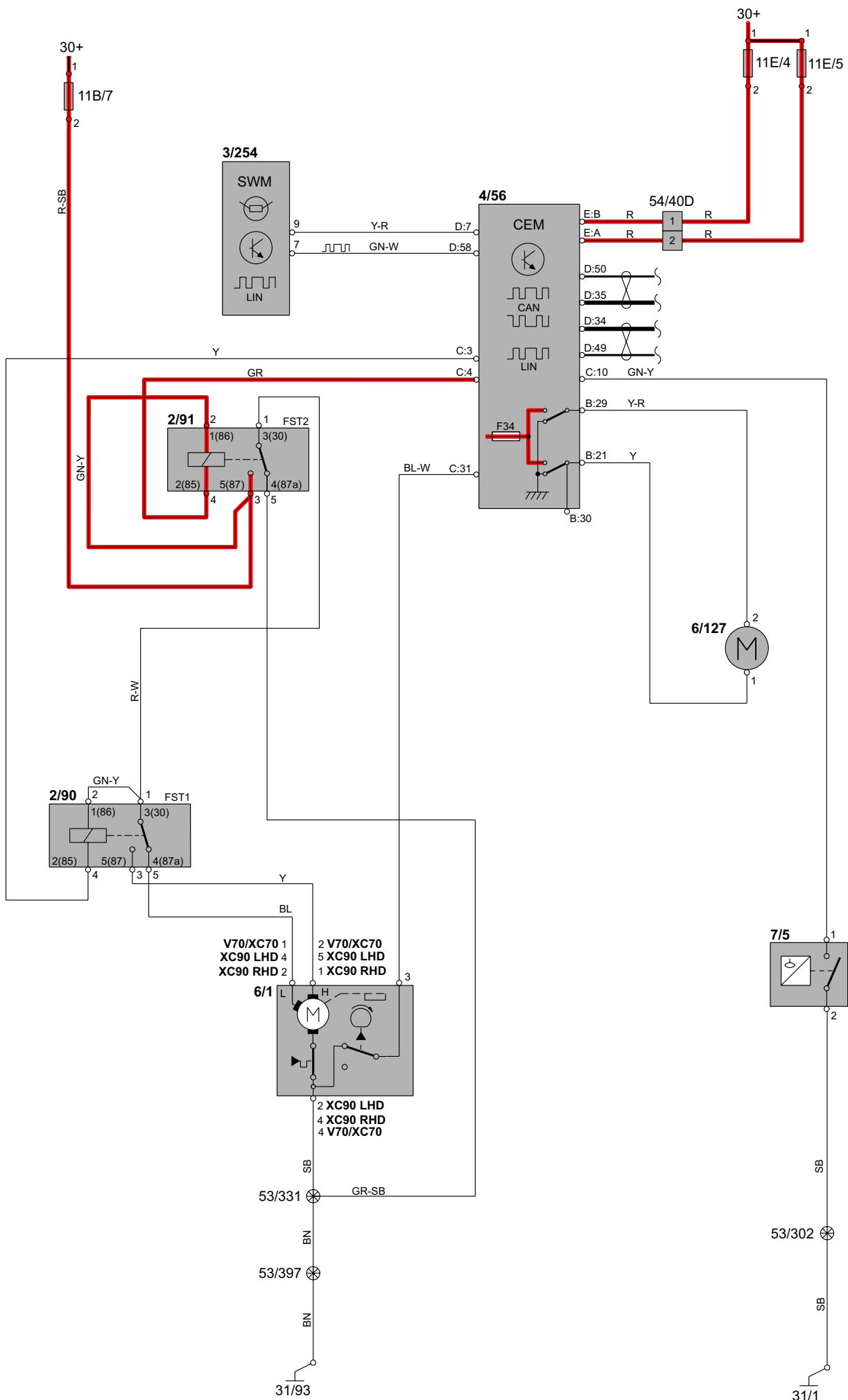
Group 36 Additional electrical equipment

Direction indicators and hazard warning flashers XC90



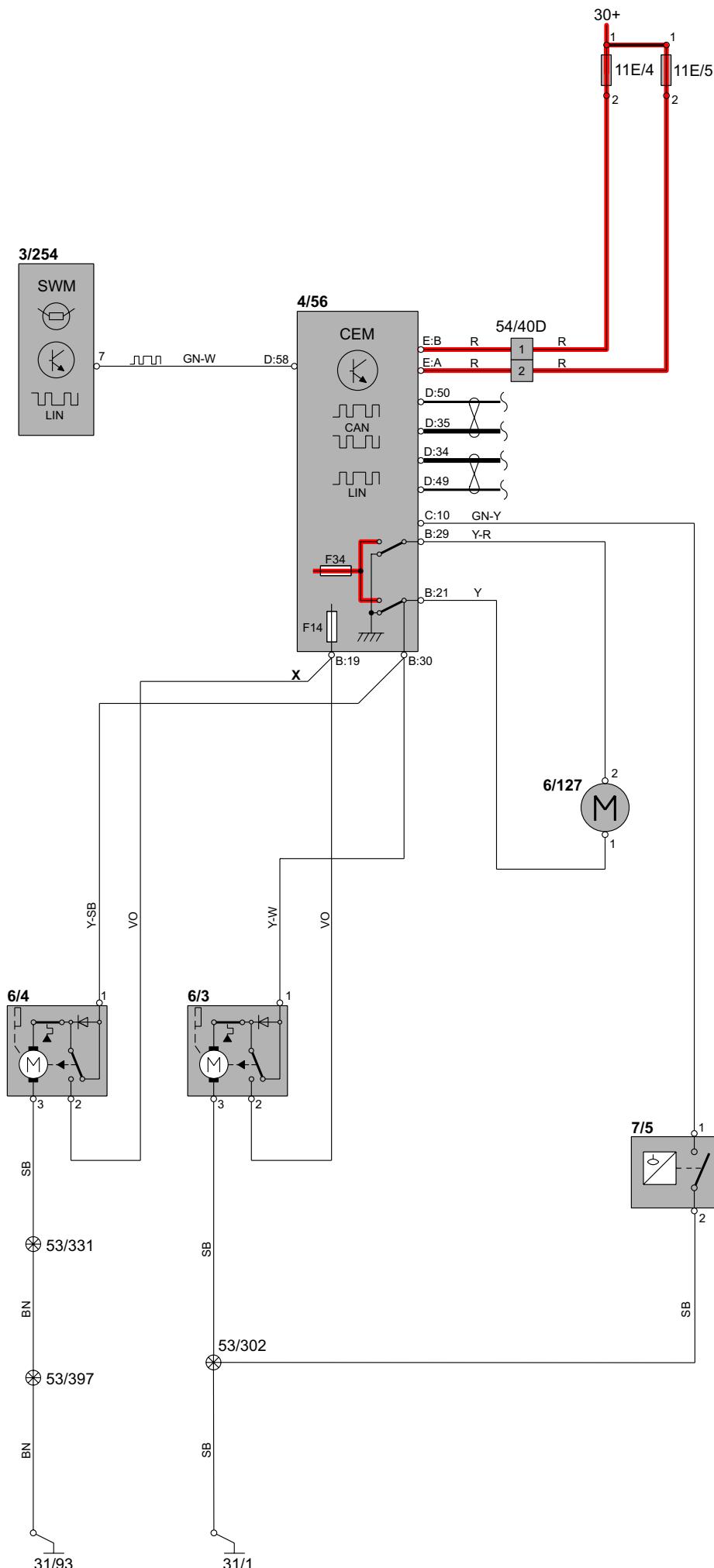
Group 36 Additional electrical equipment

Wiper/washer Windshield



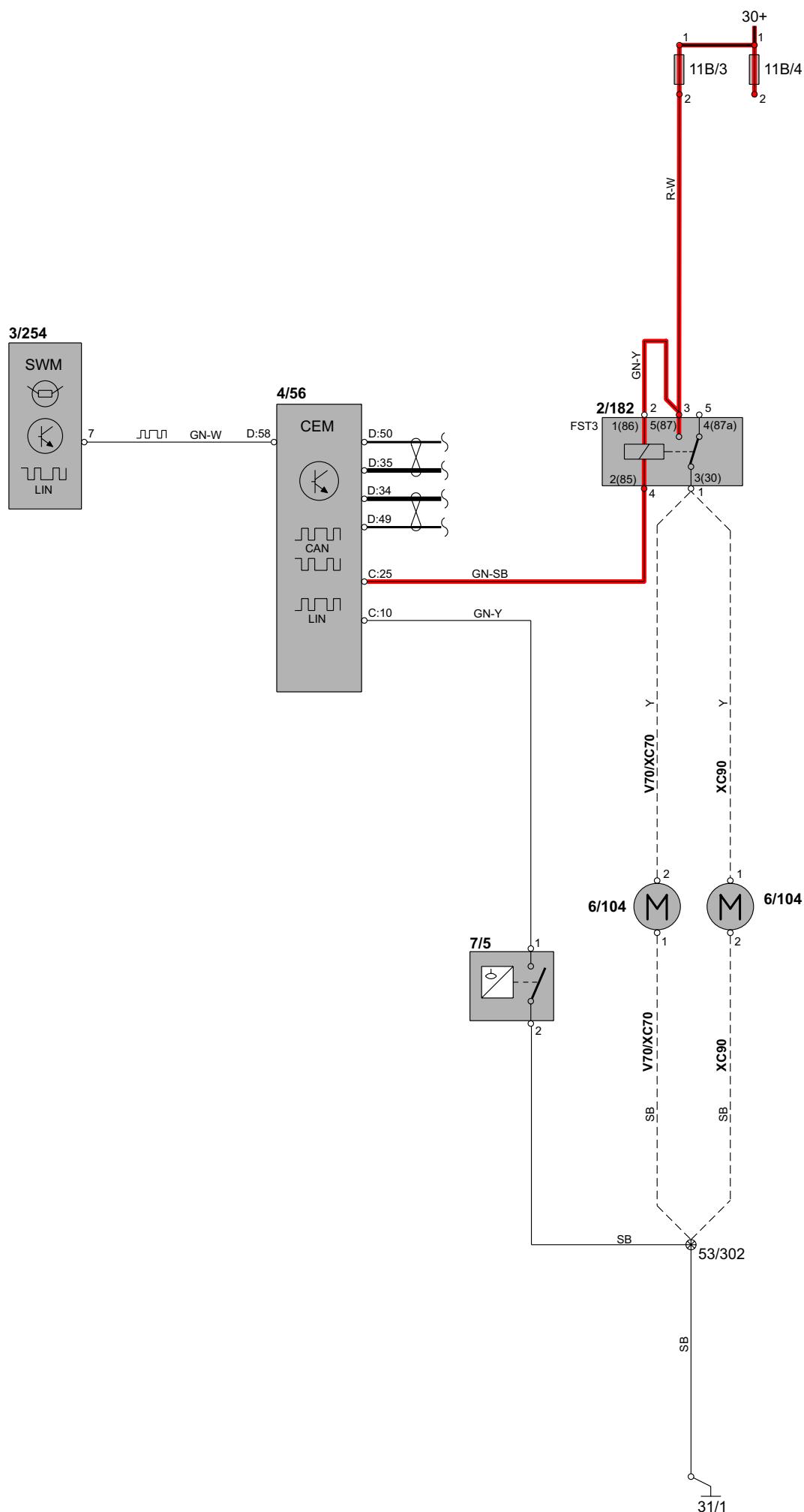
Group 36 Additional electrical equipment

Wiper/washer Headlights V70



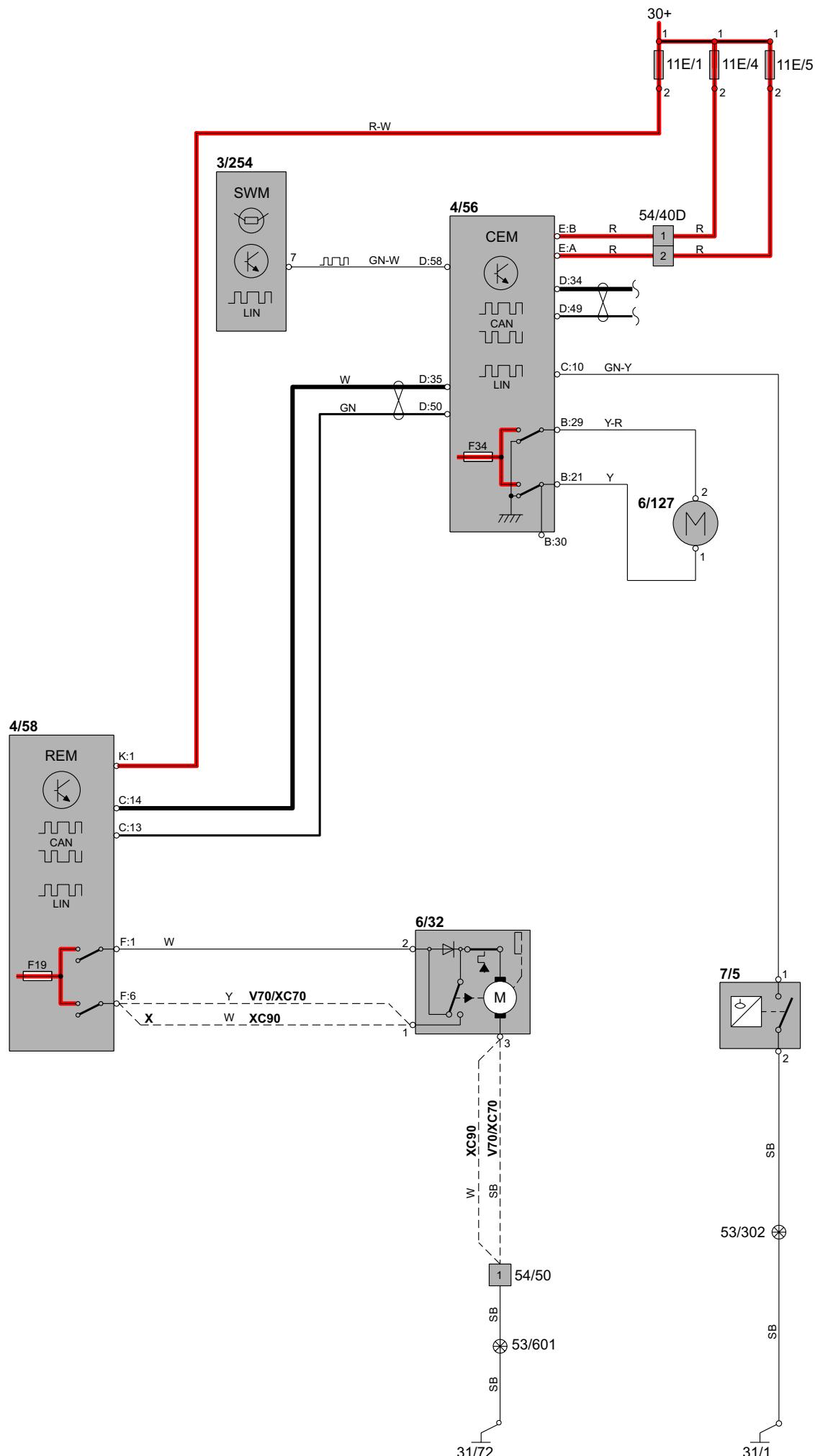
Group 36 Additional electrical equipment

High pressure headlight washer



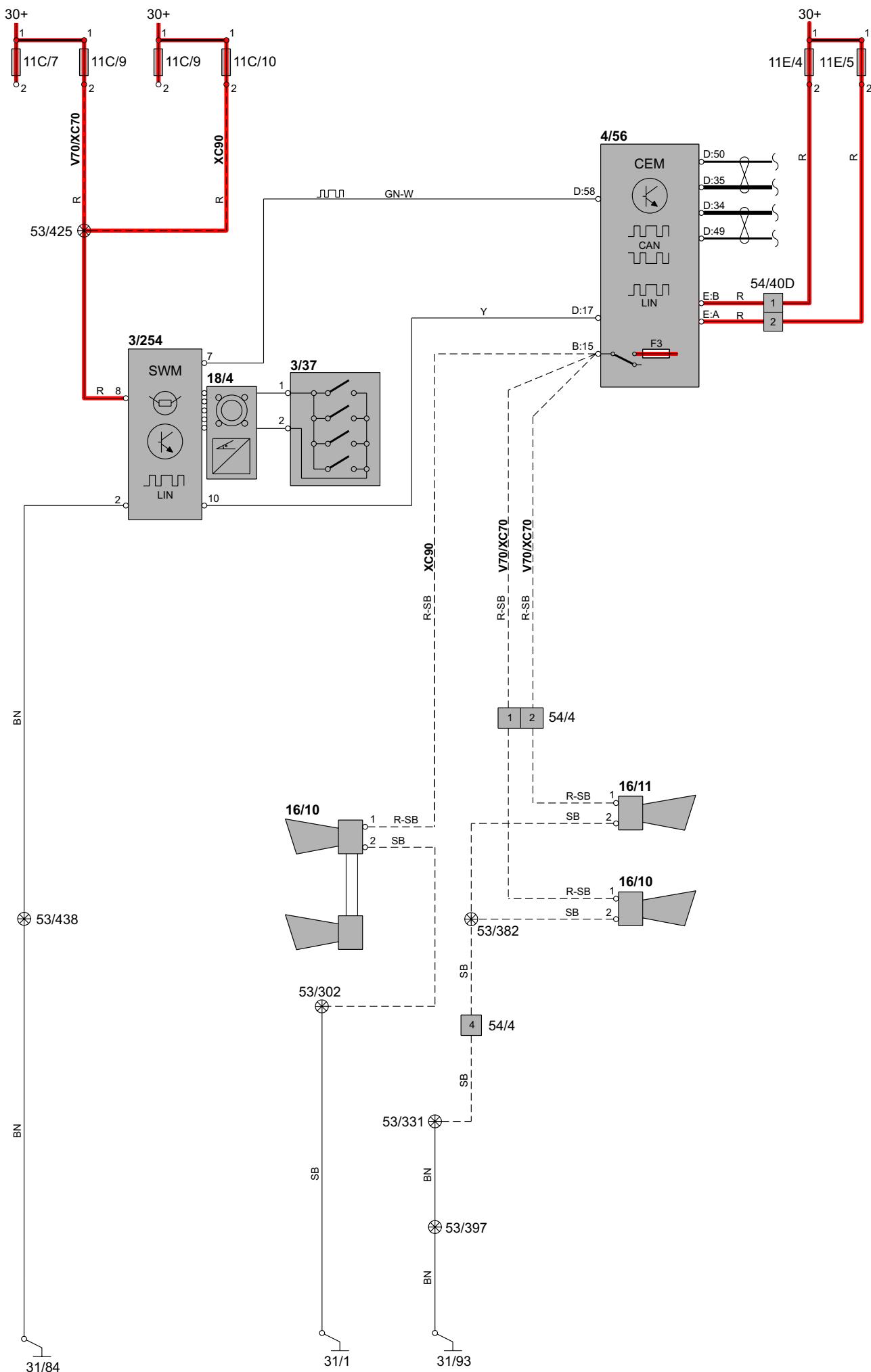
Group 36 Additional electrical equipment

Wiper/washer Rear window



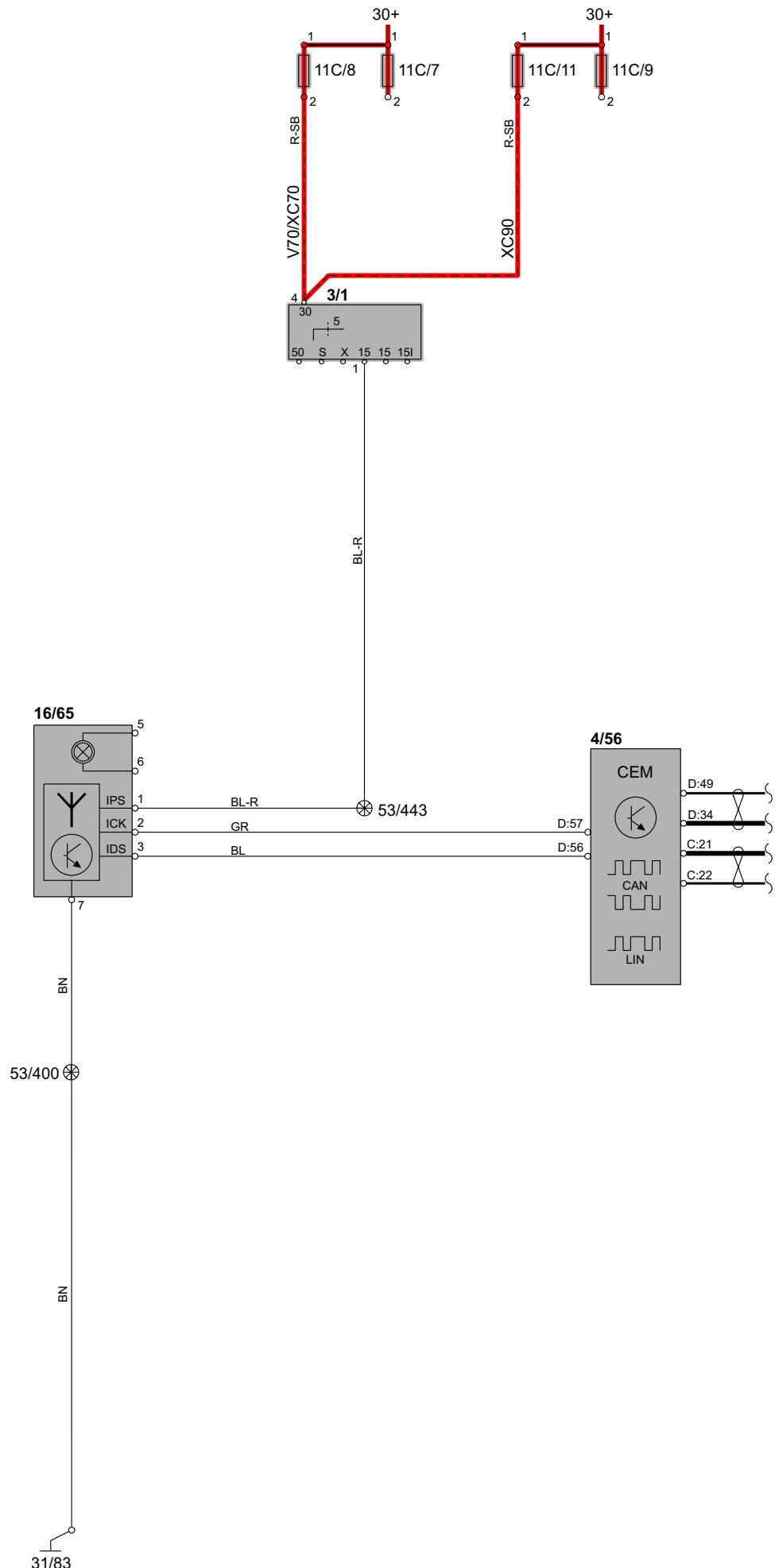
Group 36 Additional electrical equipment

Horn



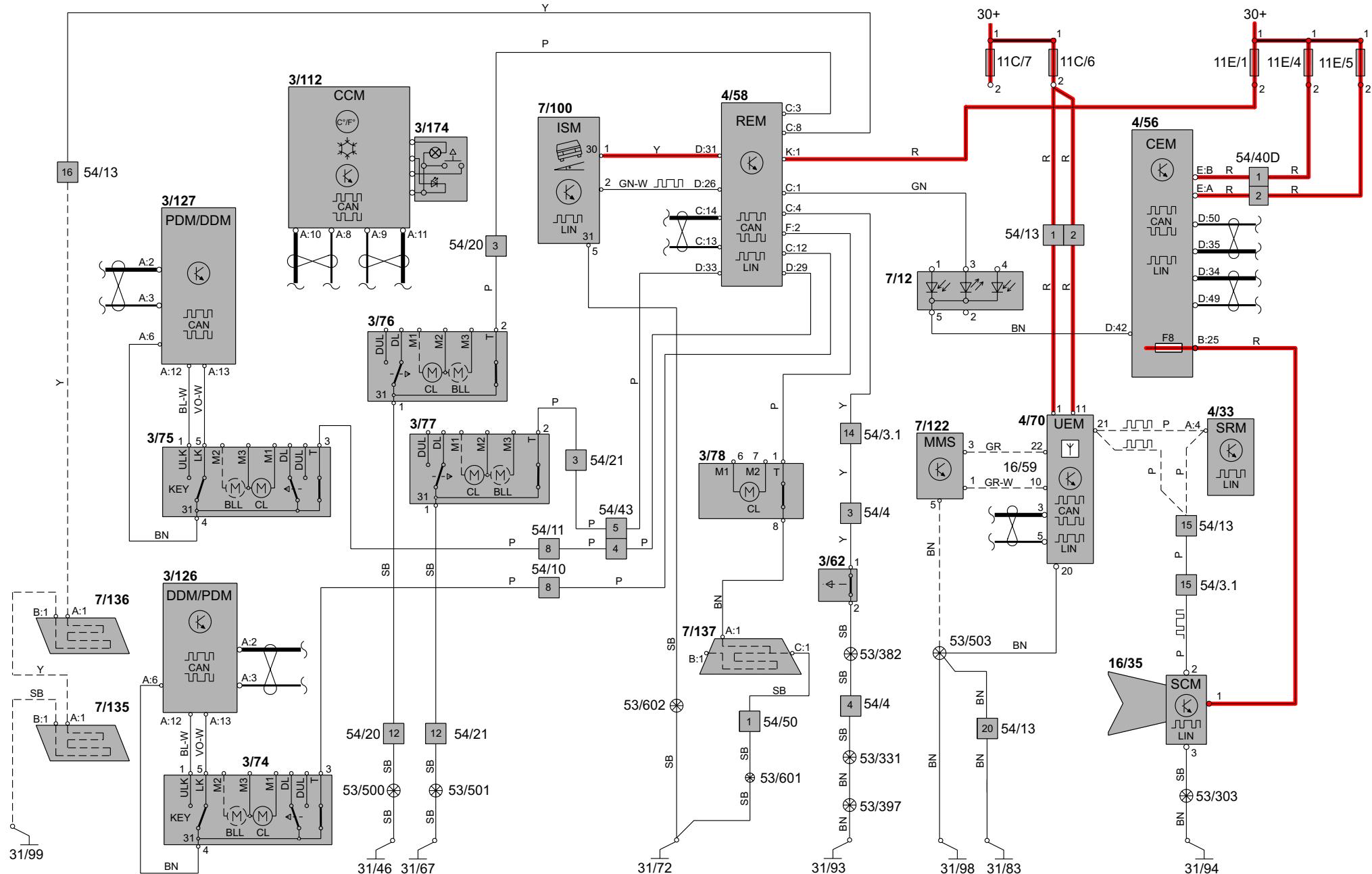
Group 36 Additional electrical equipment

Electronic immobilizer



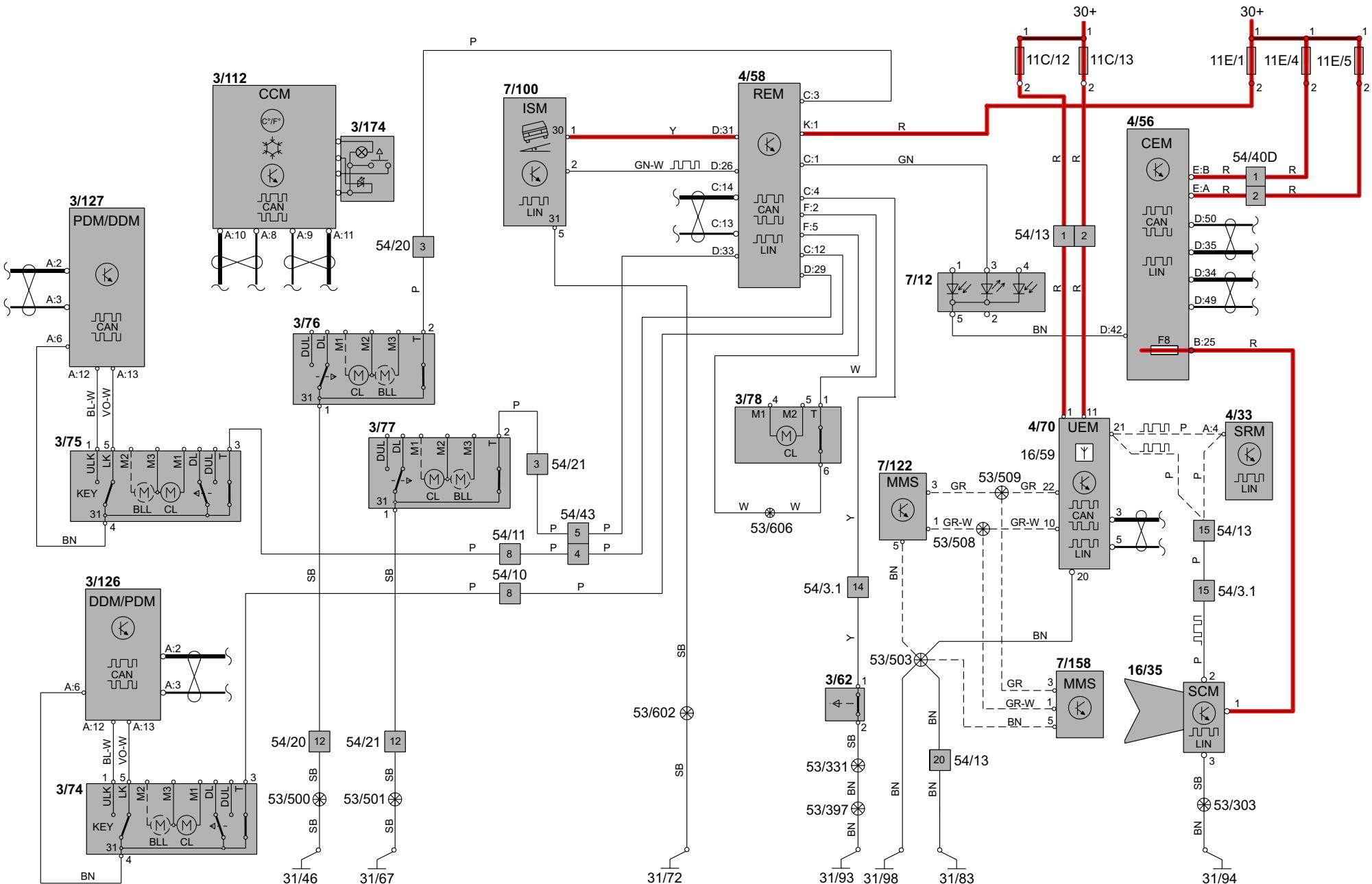
Group 36 Additional electrical equipment

Anti-theft alarm V70



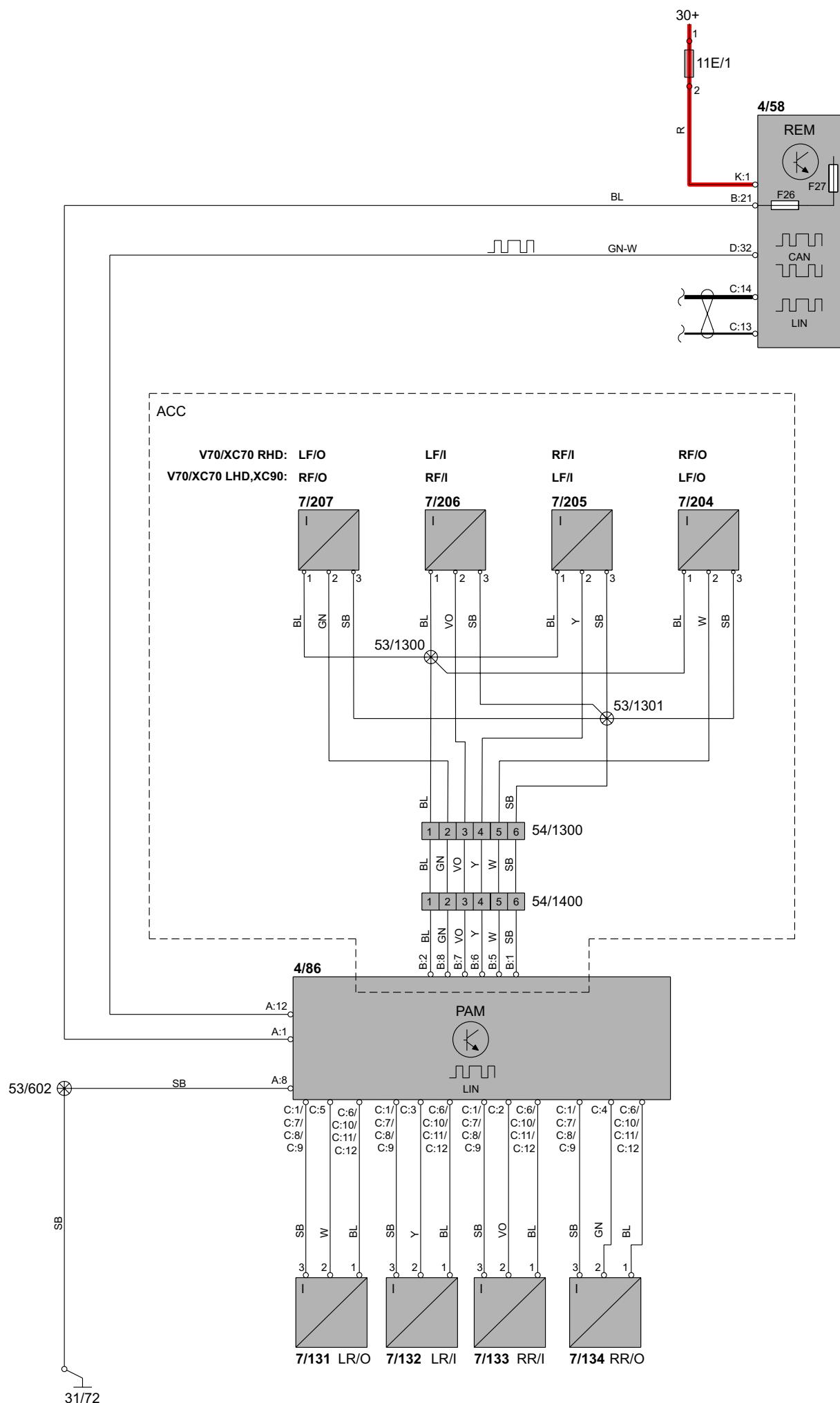
Group 36 Additional electrical equipment

Anti-theft alarm XC90



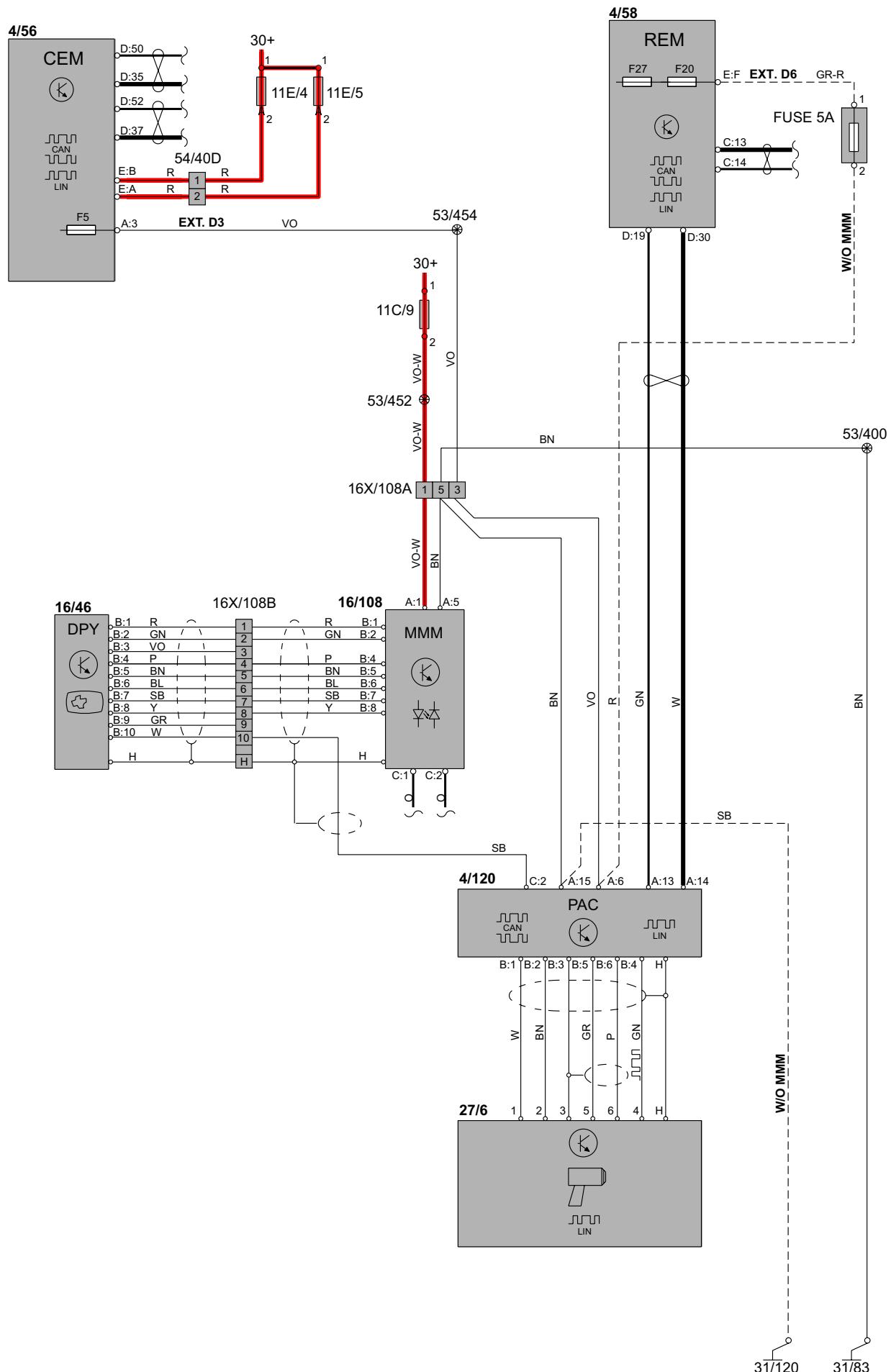
Group 36 Additional electrical equipment

Parking assistance

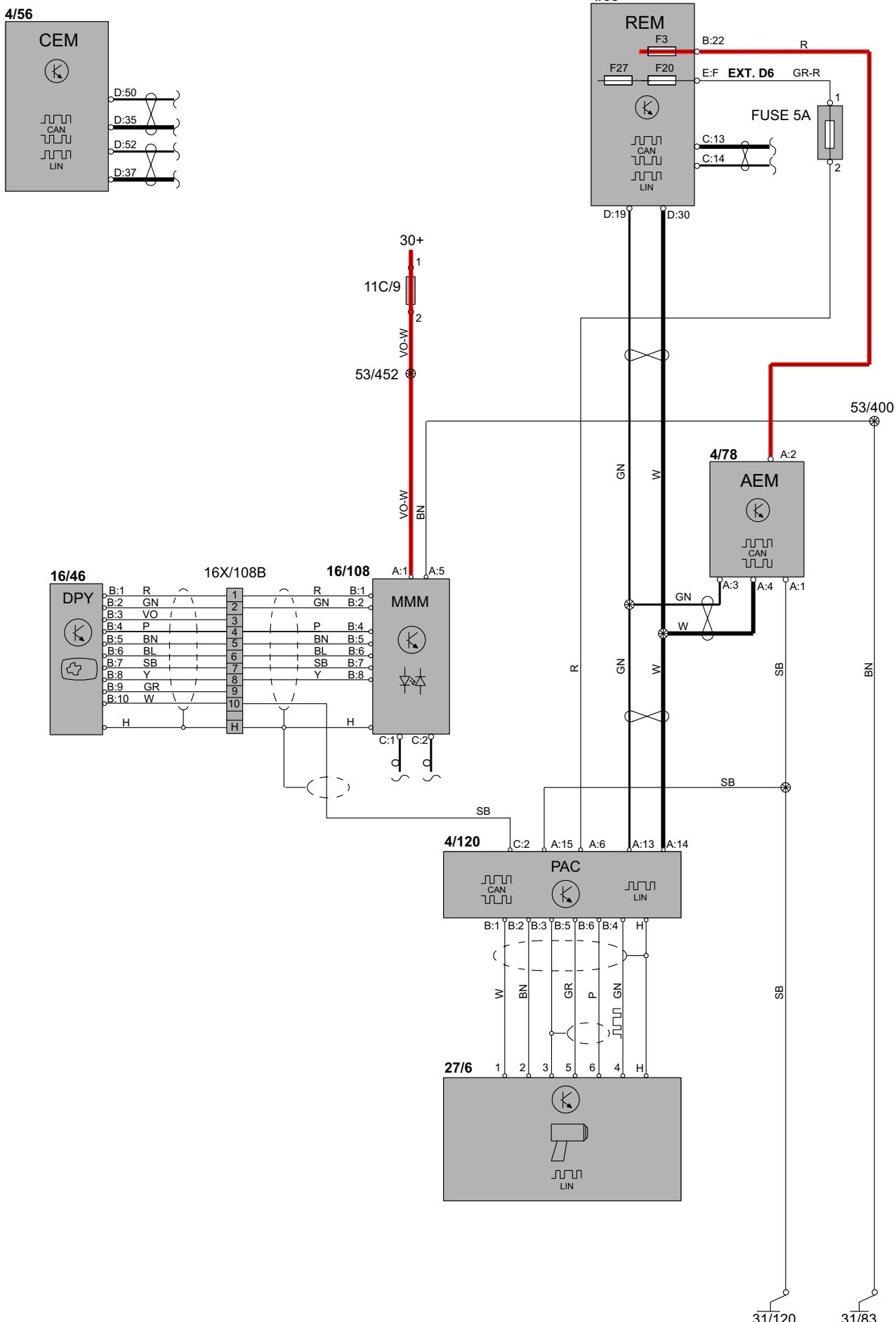


Group 36 Additional electrical equipment, Accessories

Parking camera XC90

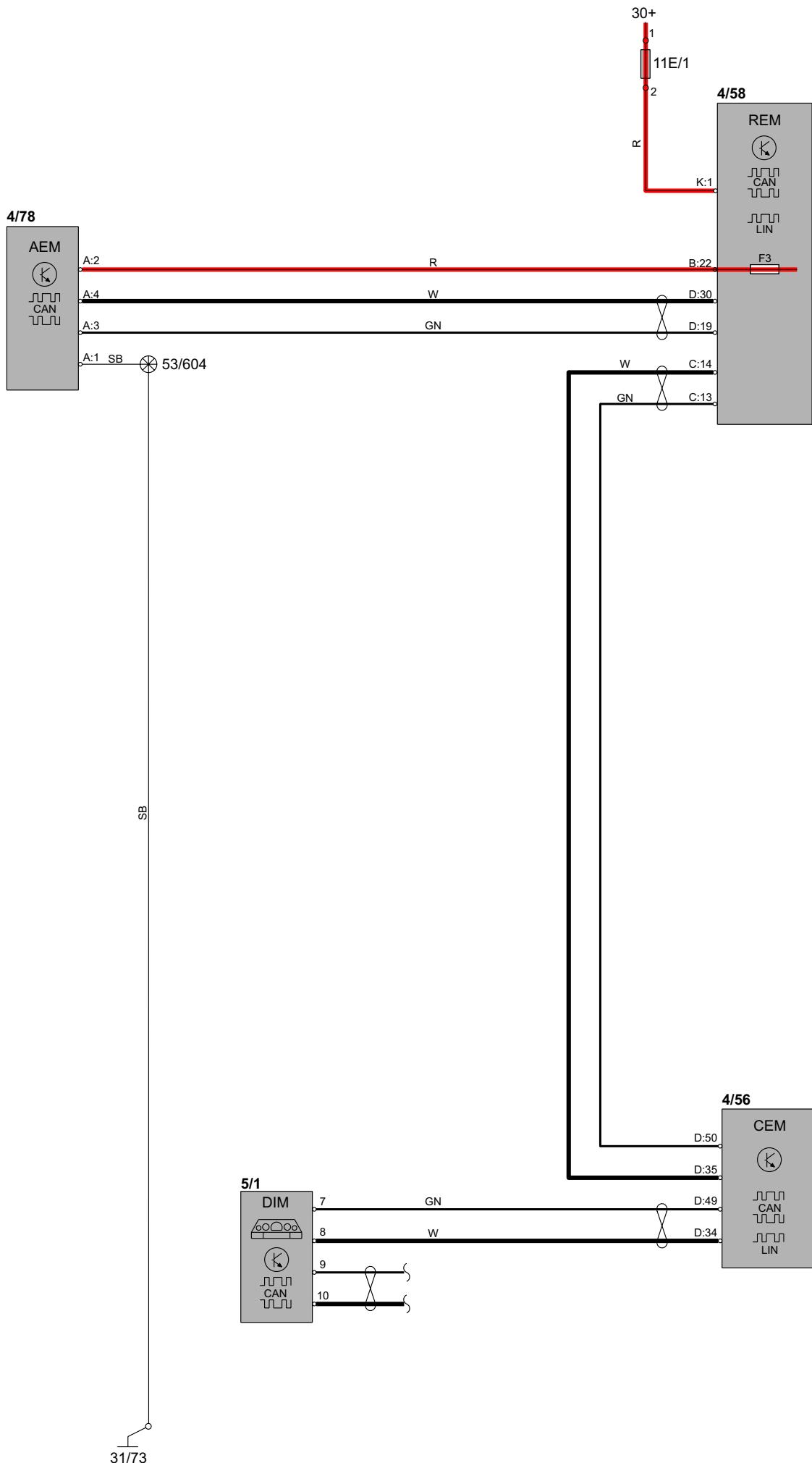


Group 36 Additional electrical equipment, Accessories AEM & Parking camera XC90



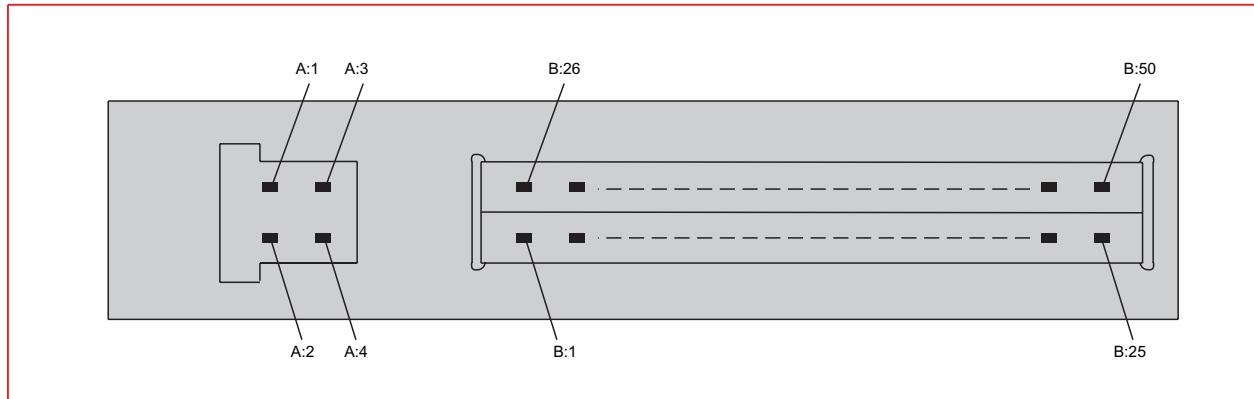
Group 36 Additional electrical equipment, Accessories

Accessory Electronic Module (AEM) 1:2



Group 36 Additional electrical equipment, Accessories

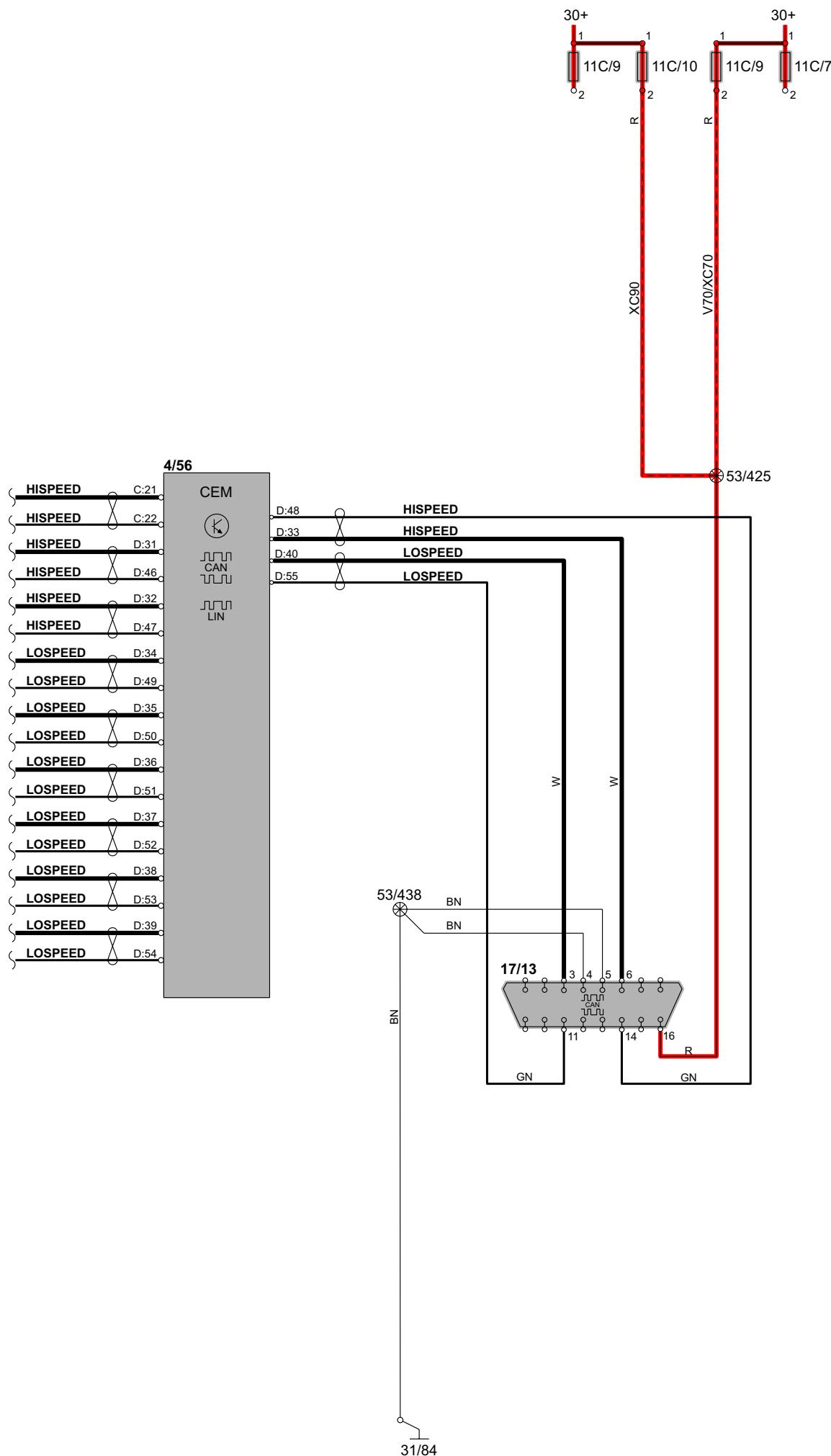
Accessory Electronic Module (AEM) 2:2



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	

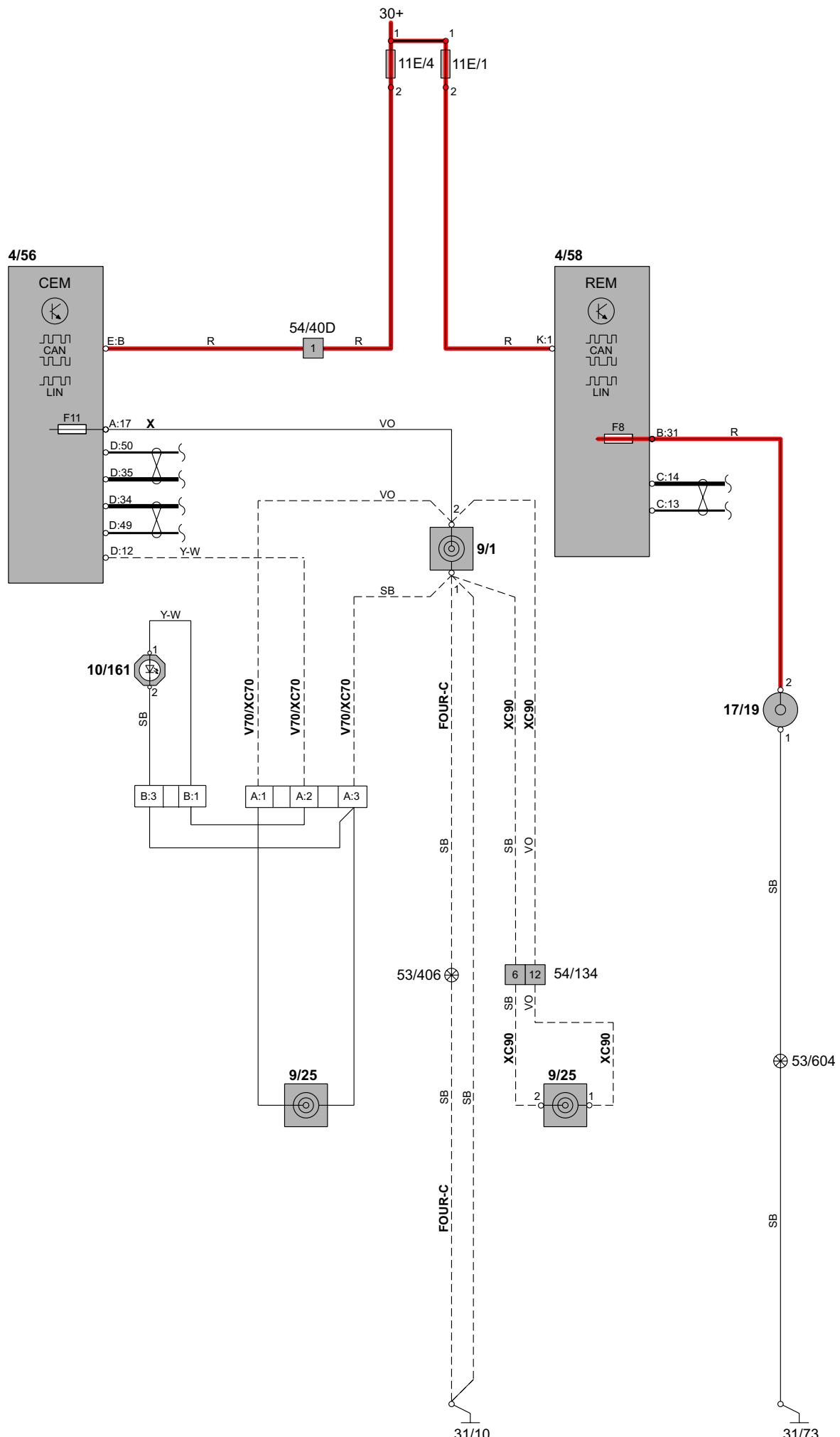
Group 37 Wiring and fuses

Diagnostics system



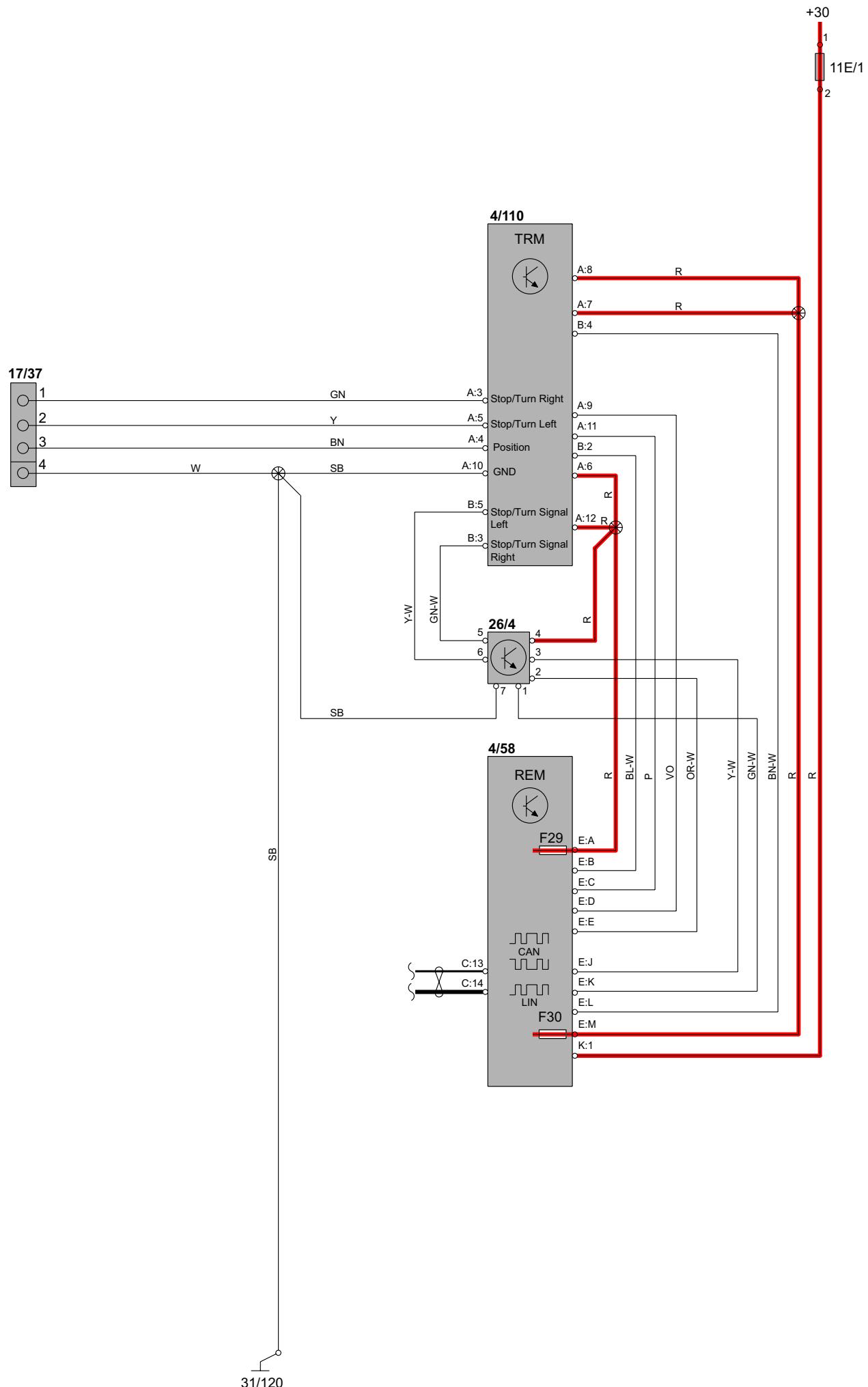
Group 37 Wiring and fuses

12V outlet



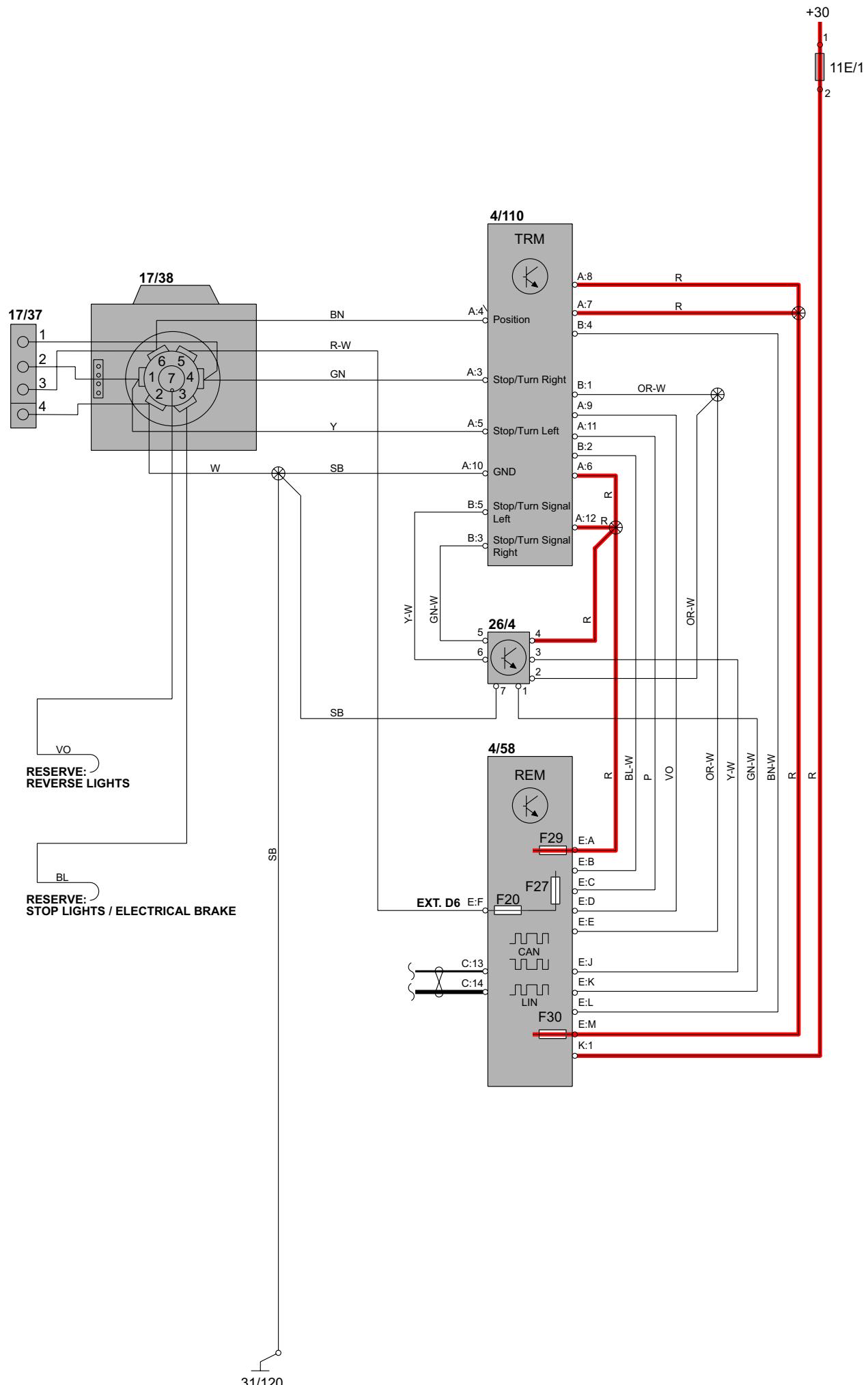
Group 37 Wiring and fuses

Tow hitch cable harness, 4-pin



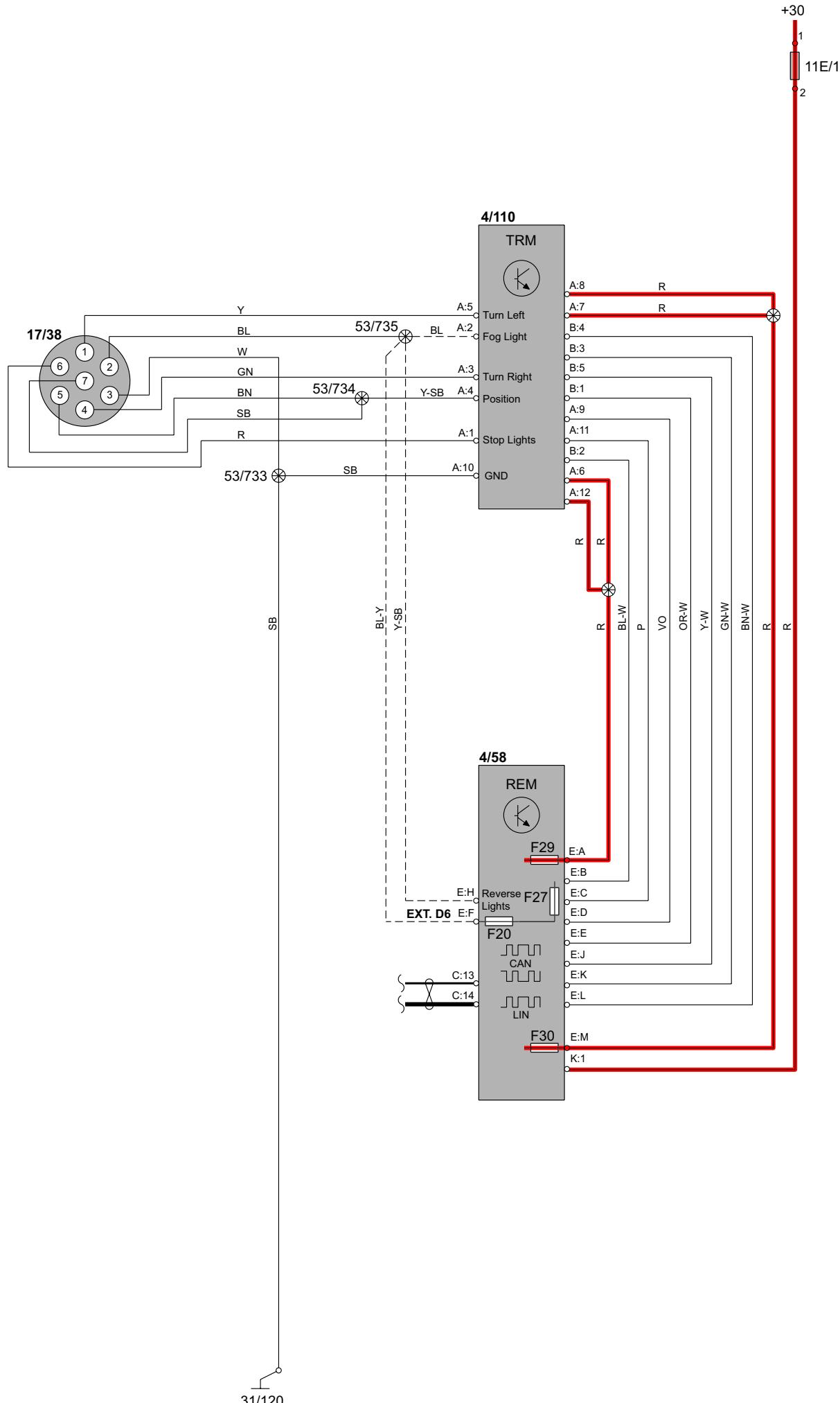
Group 37 Wiring and fuses, Accessories

Tow hitch cable harness, 4/7-pin



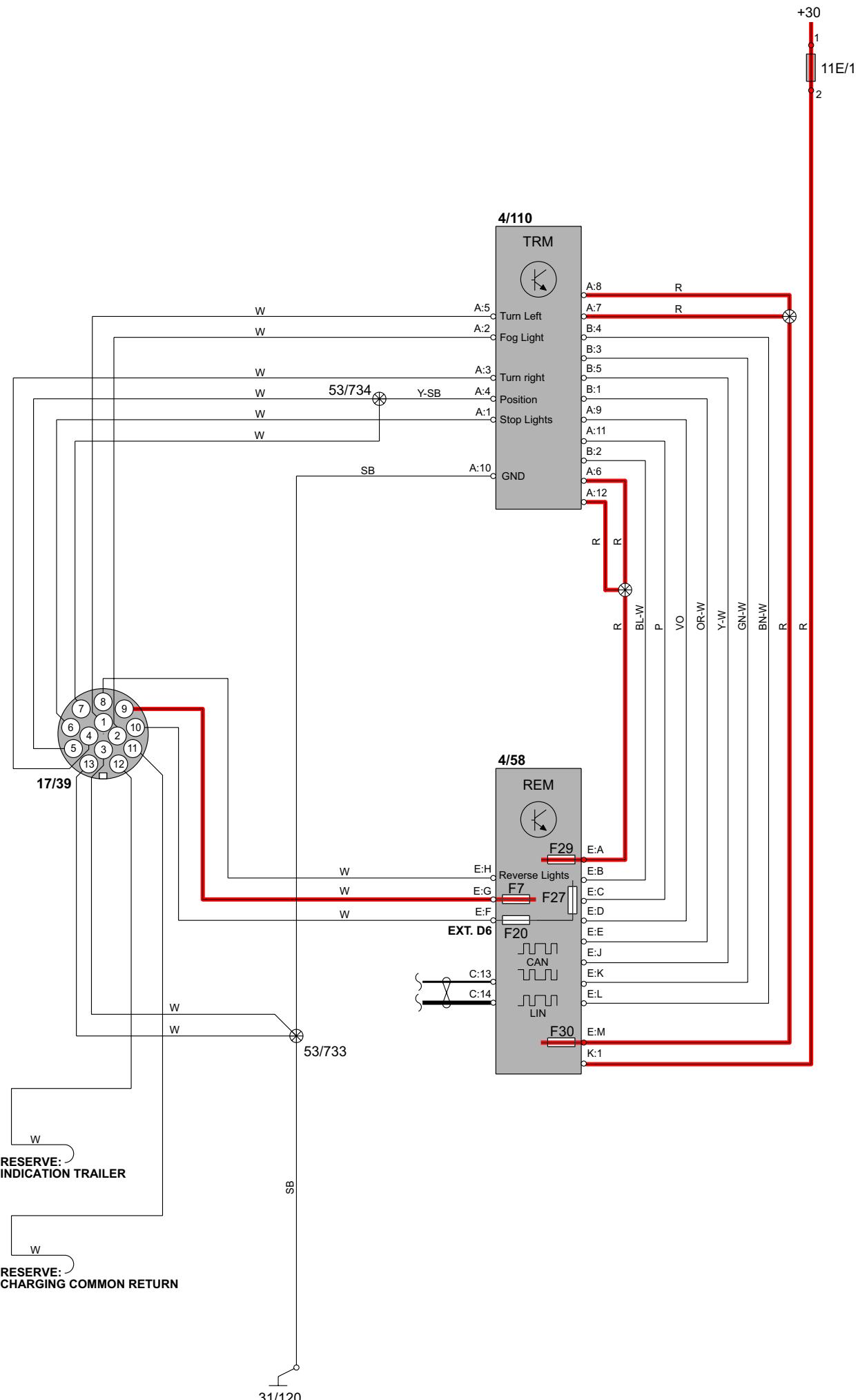
Group 37 Wiring and fuses, Accessories

Tow hitch cable harness, 7-pin



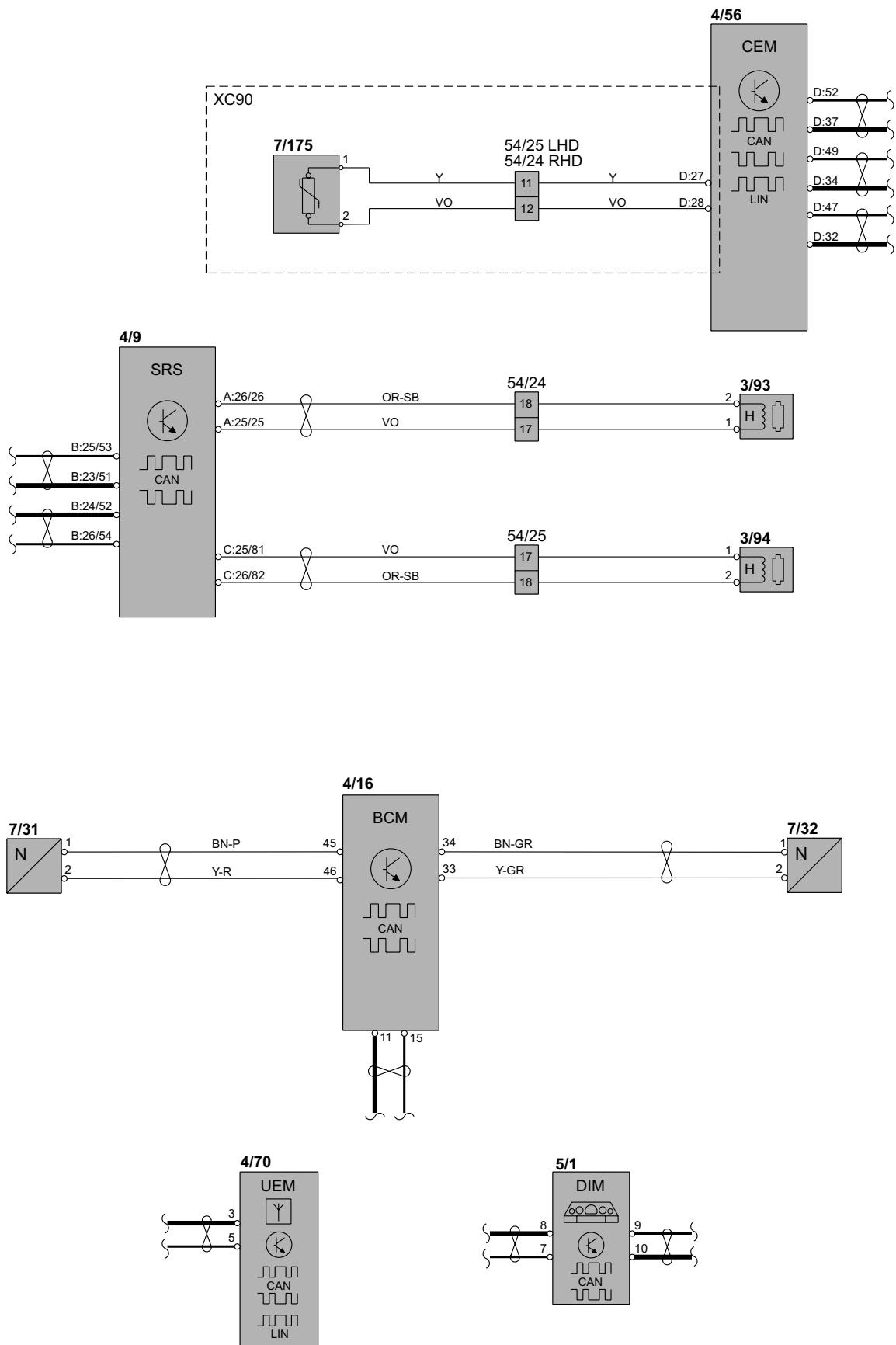
Group 37 Wiring and fuses, Accessories

Tow hitch cable harness, 13-pin



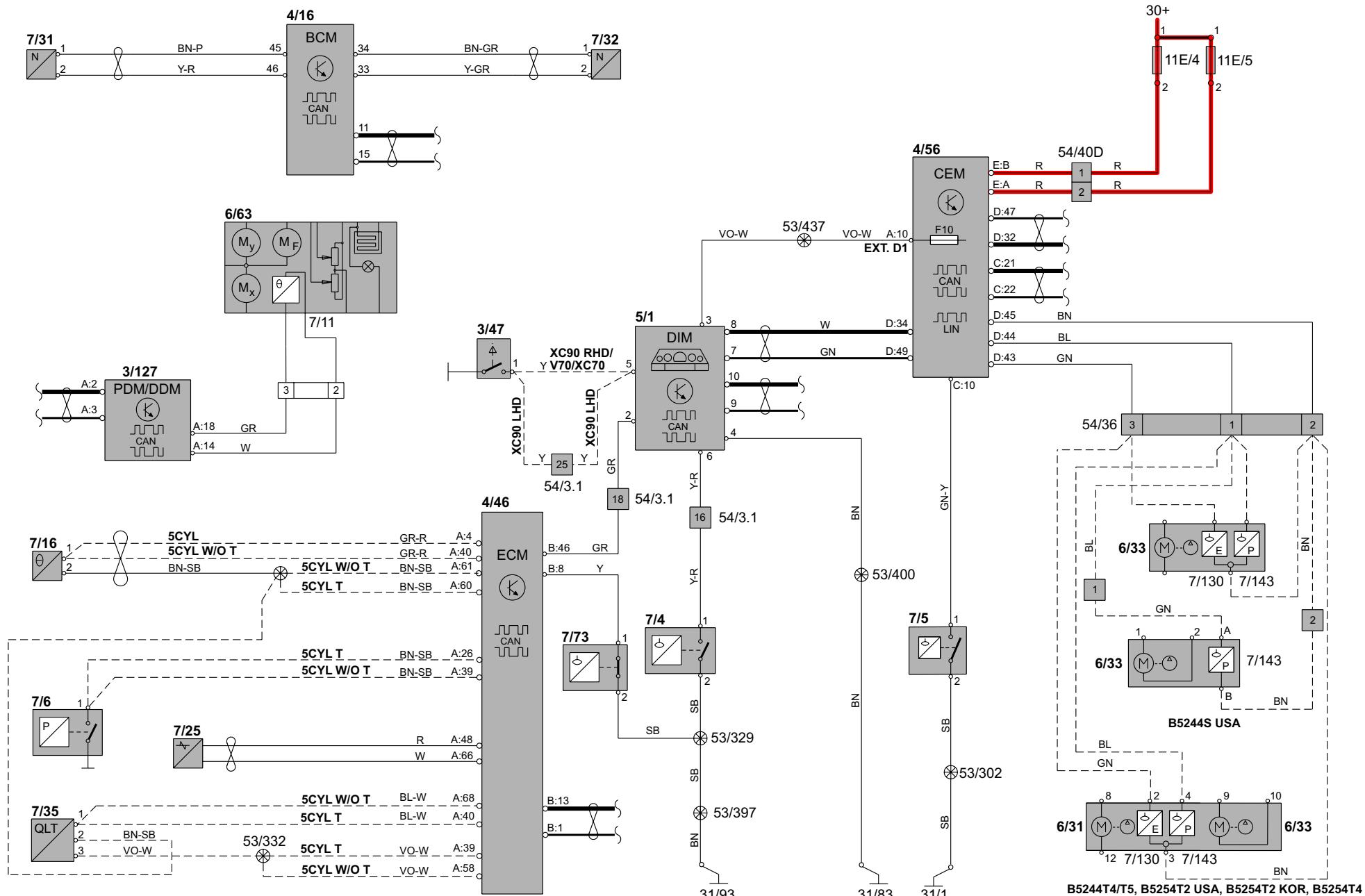
Group 38 Instruments

Seat belt reminder



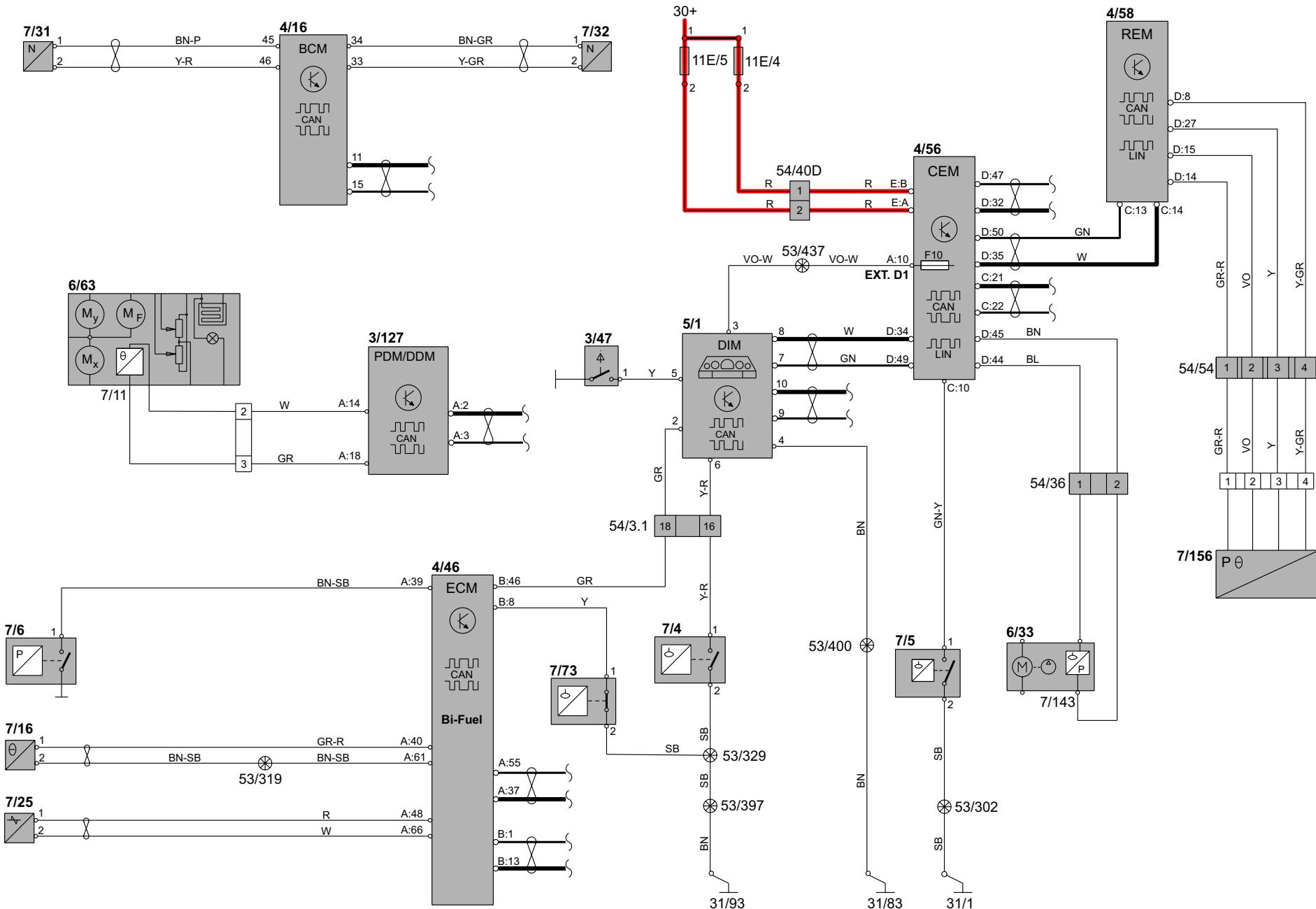
Group 38 Instruments

Driver information module



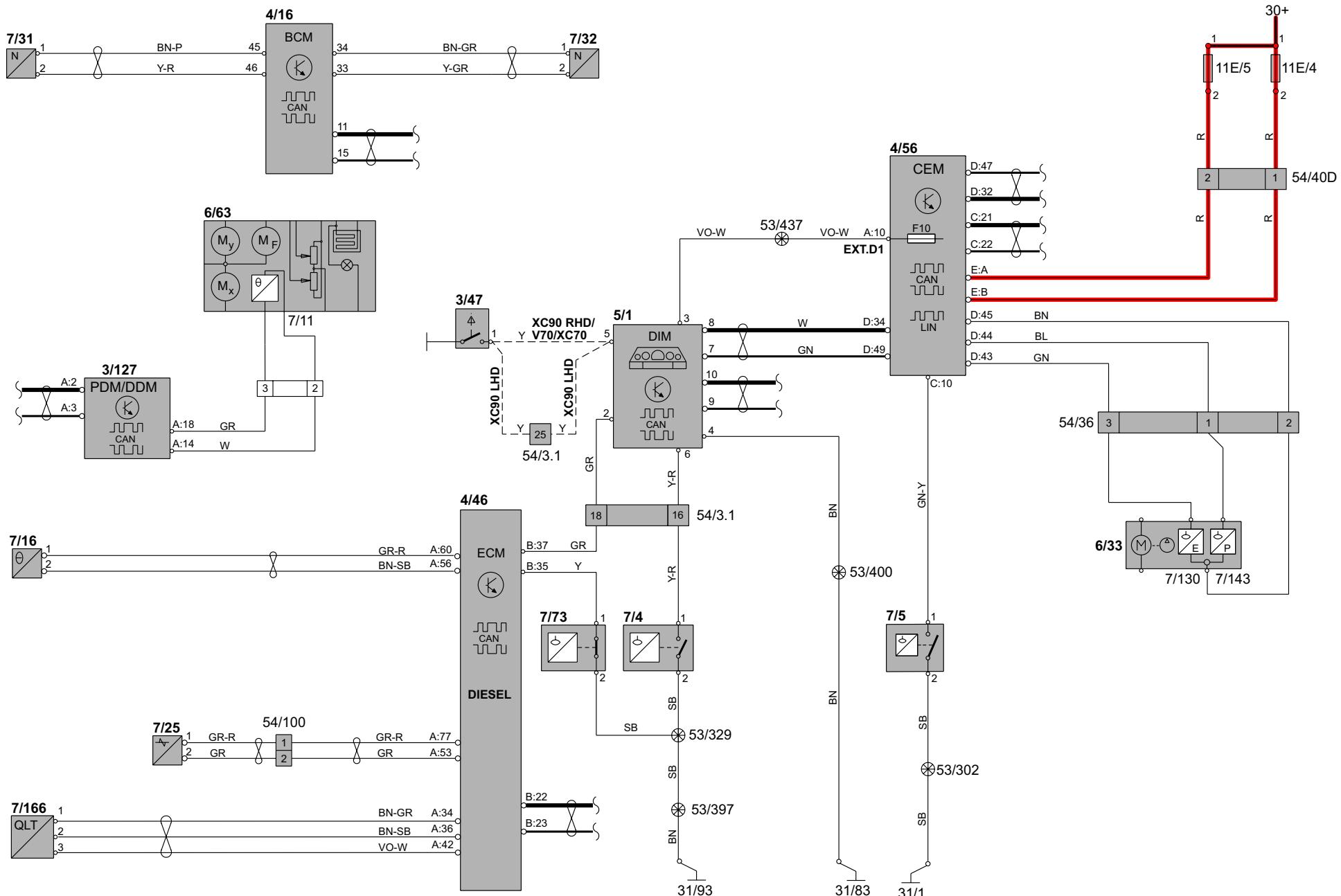
Group 38 Instruments

Driver information module, Bi-Fuel



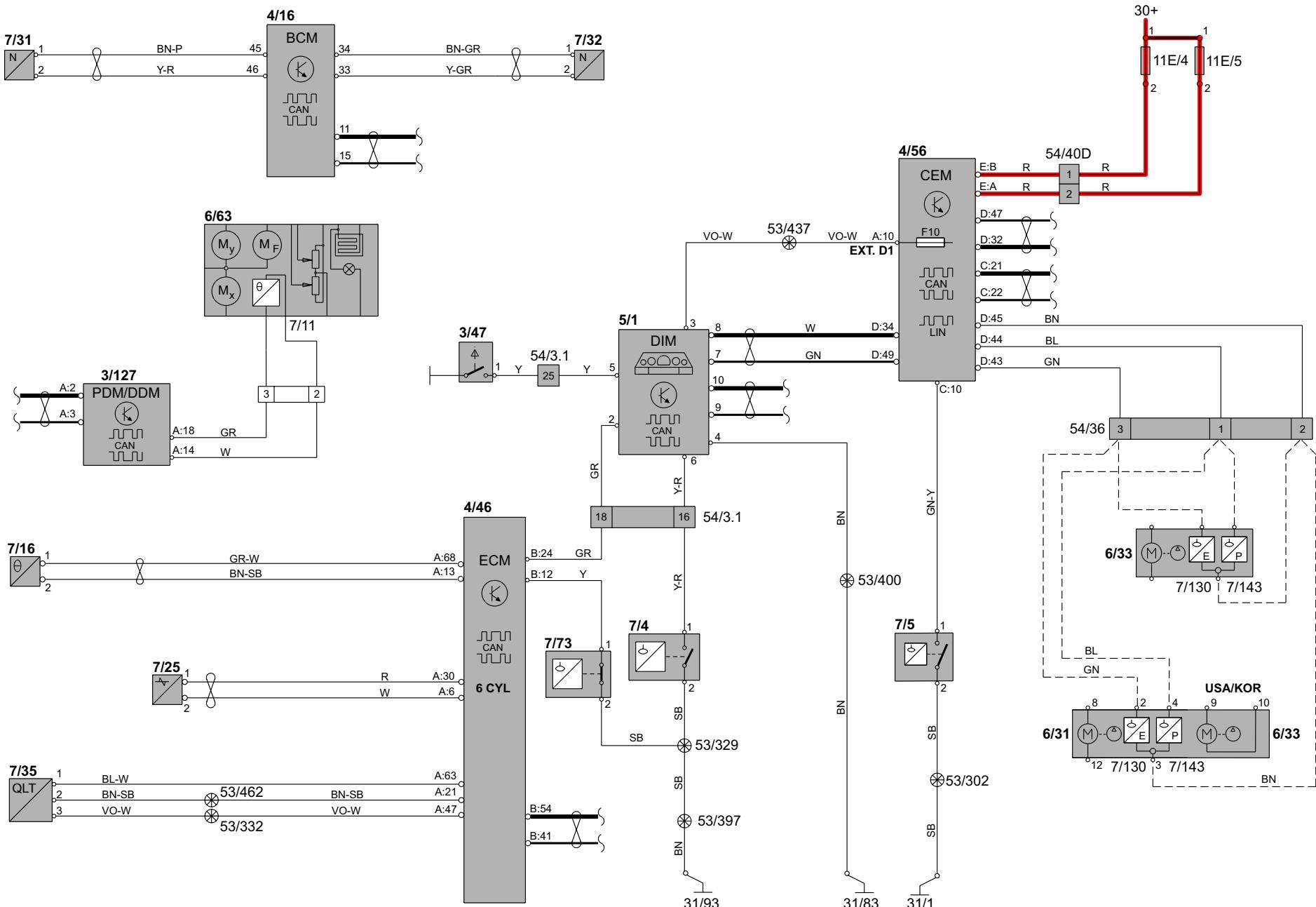
Group 38 Instruments

Driver information module, Diesel



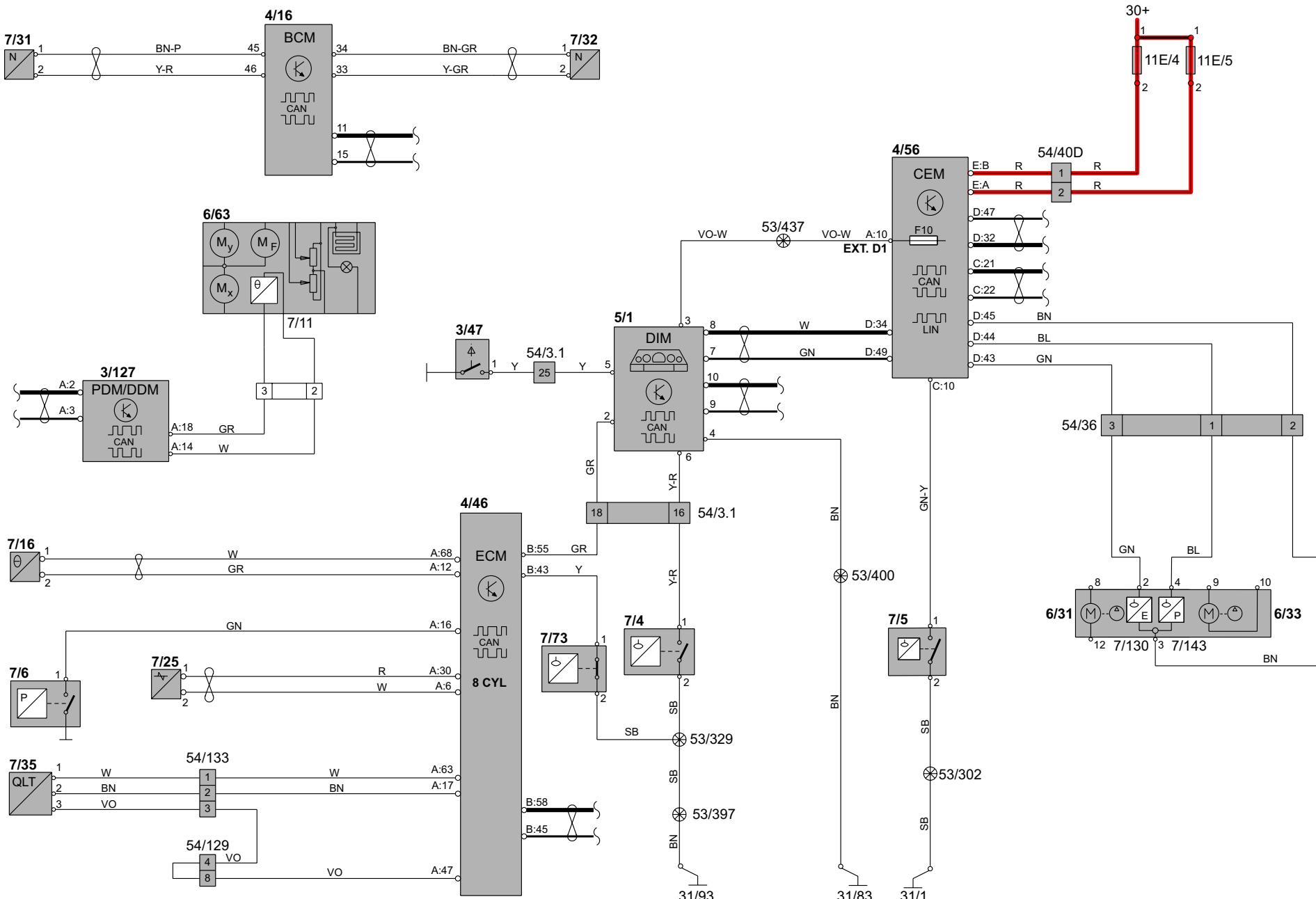
Group 38 Instruments

Driver information module, 6-cyl.

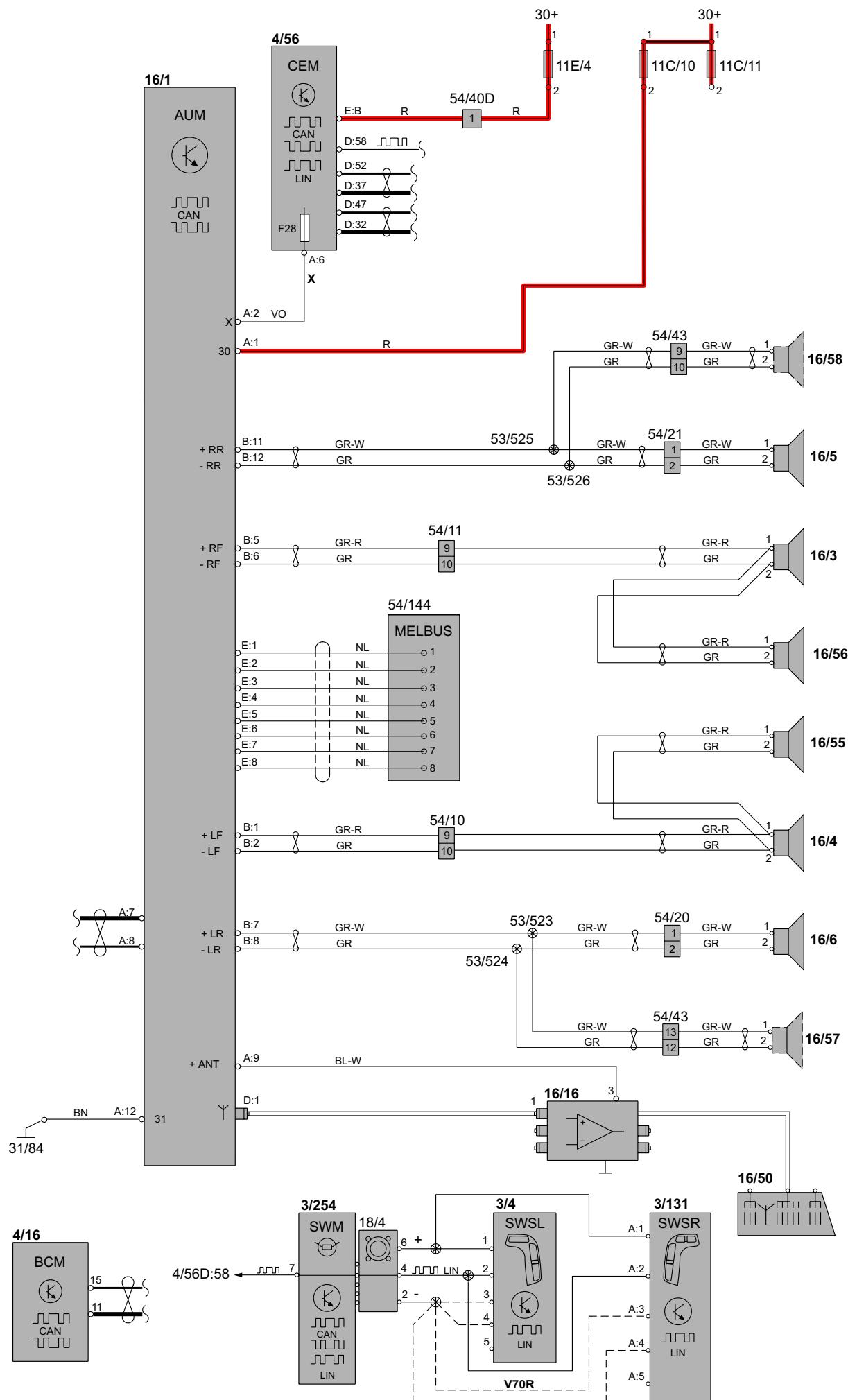


Group 38 Instruments

Driver information module, 8-cyl.

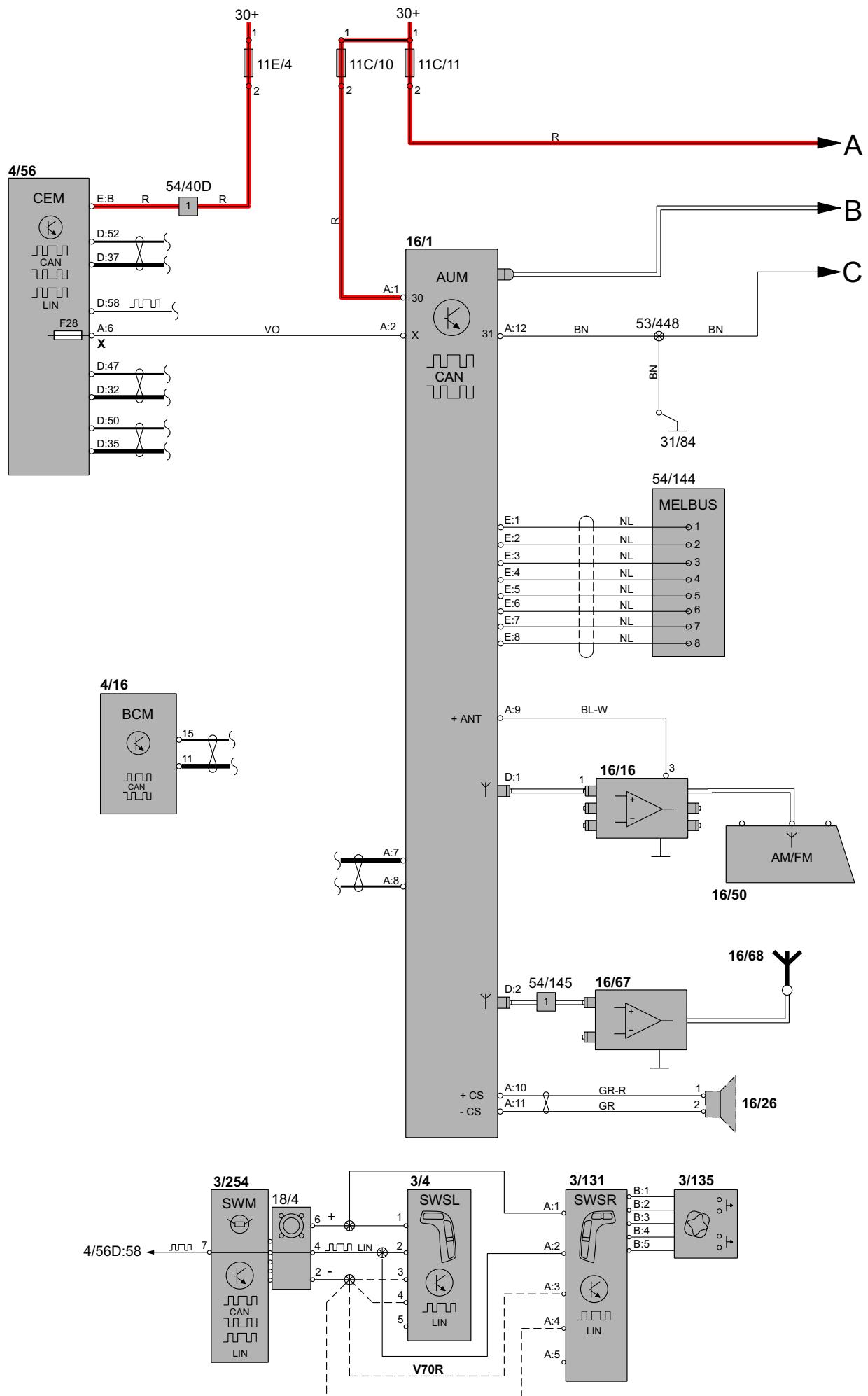


Group 39 Other Audio V70



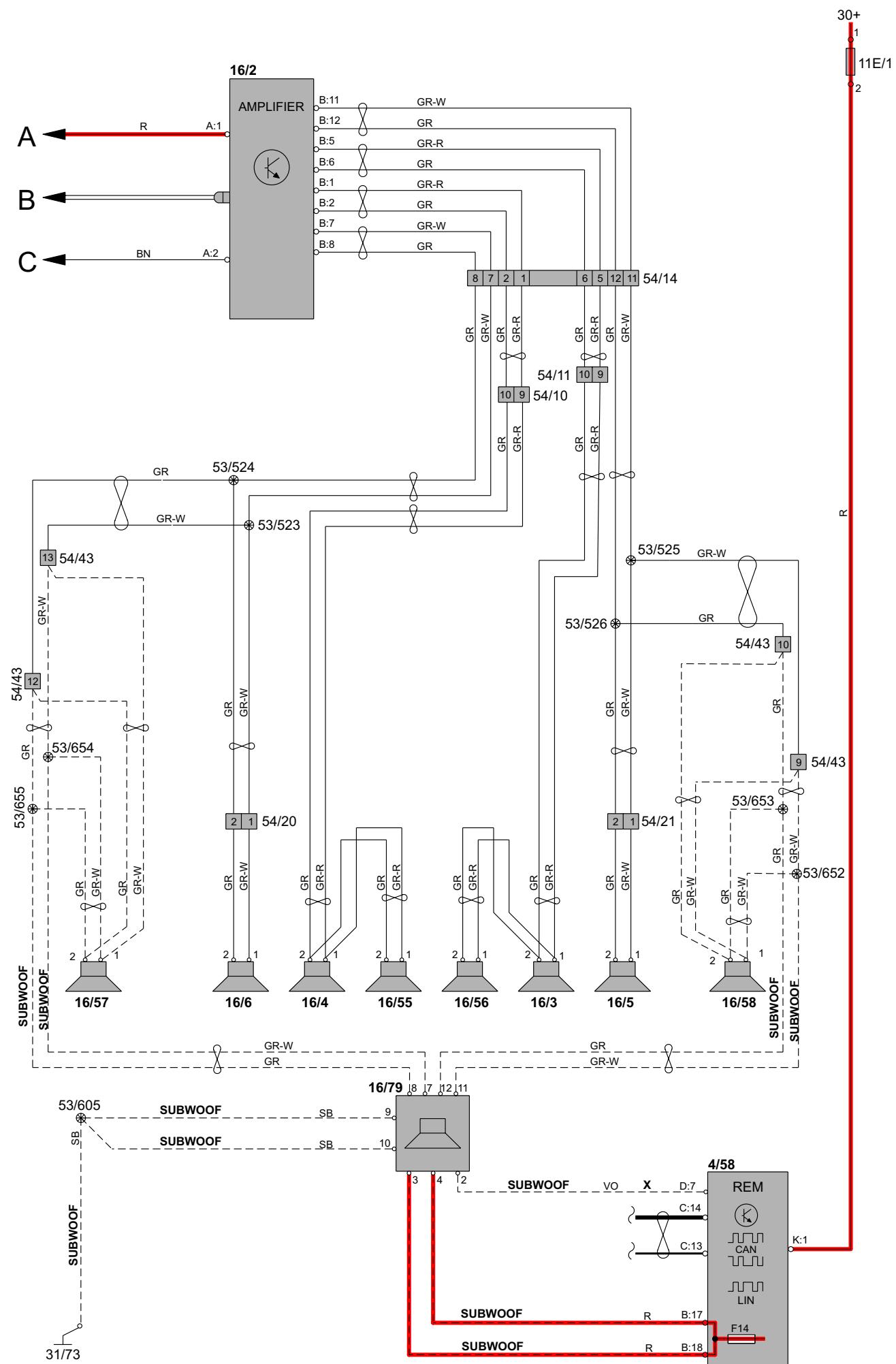
Group 39 Other

Audio with auxiliary amplifier V70 1:2

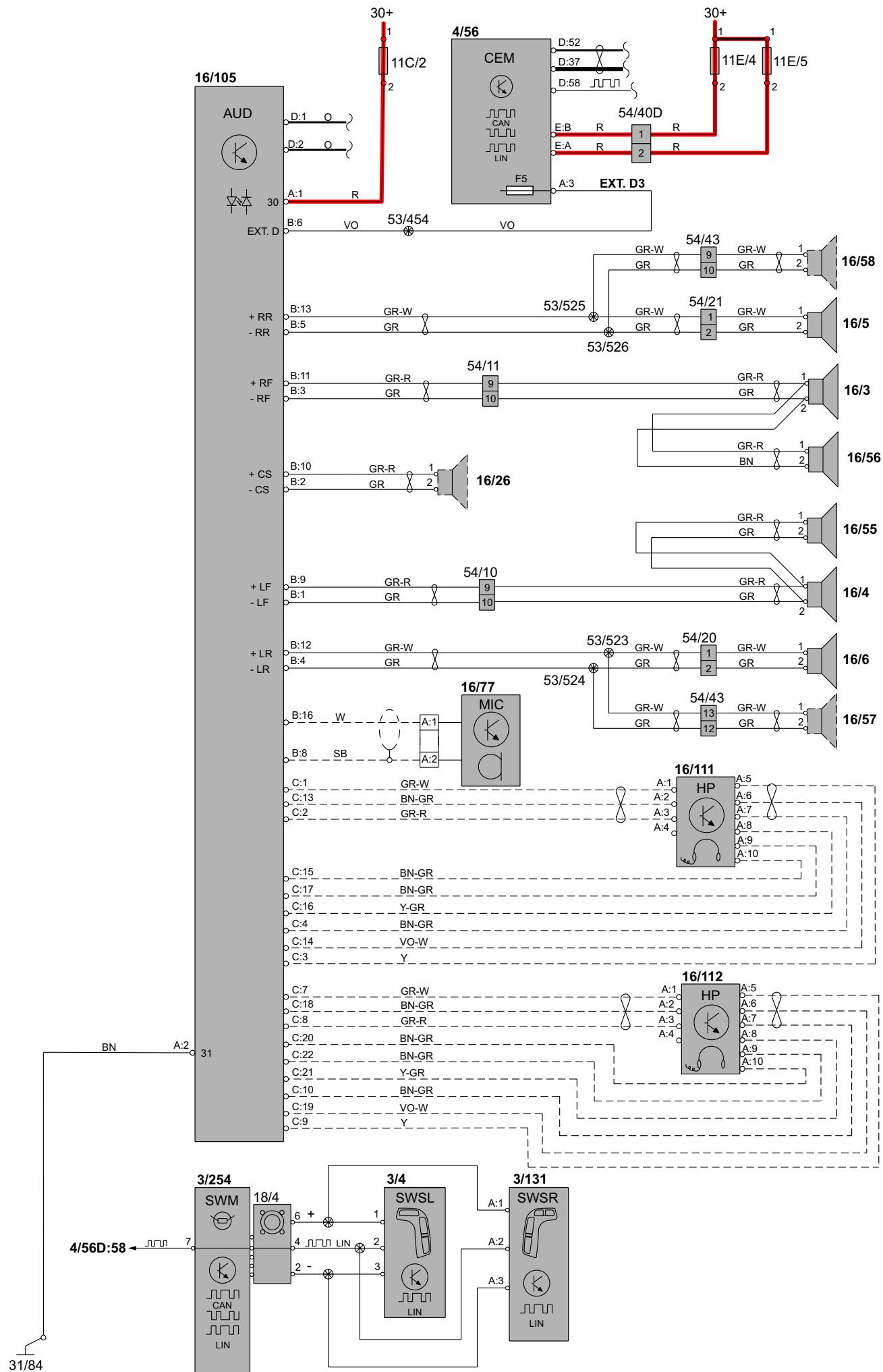


Group 39 Other

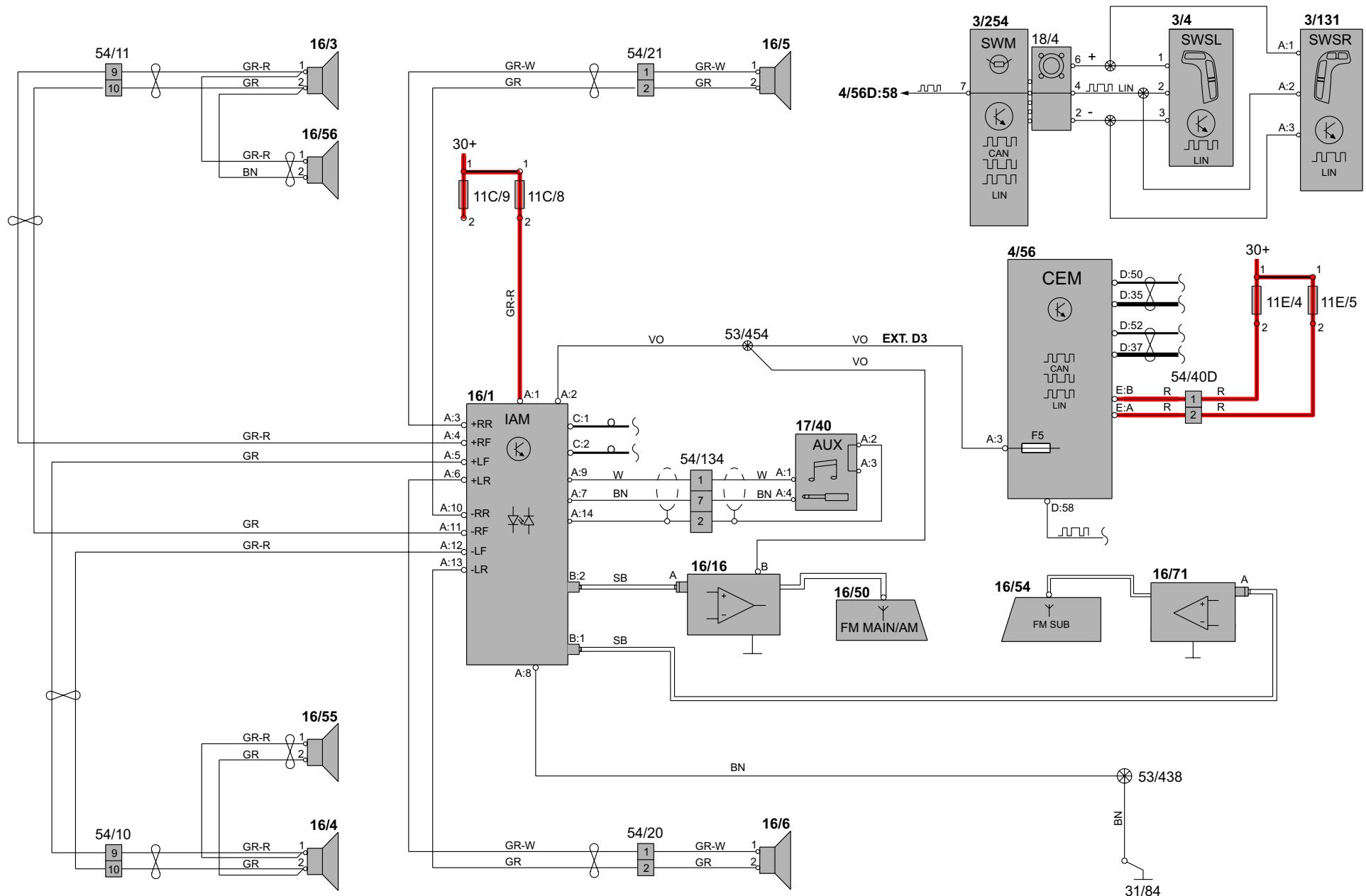
Audio with auxiliary amplifier V70 2:2



Group 39 Other Audio XC90

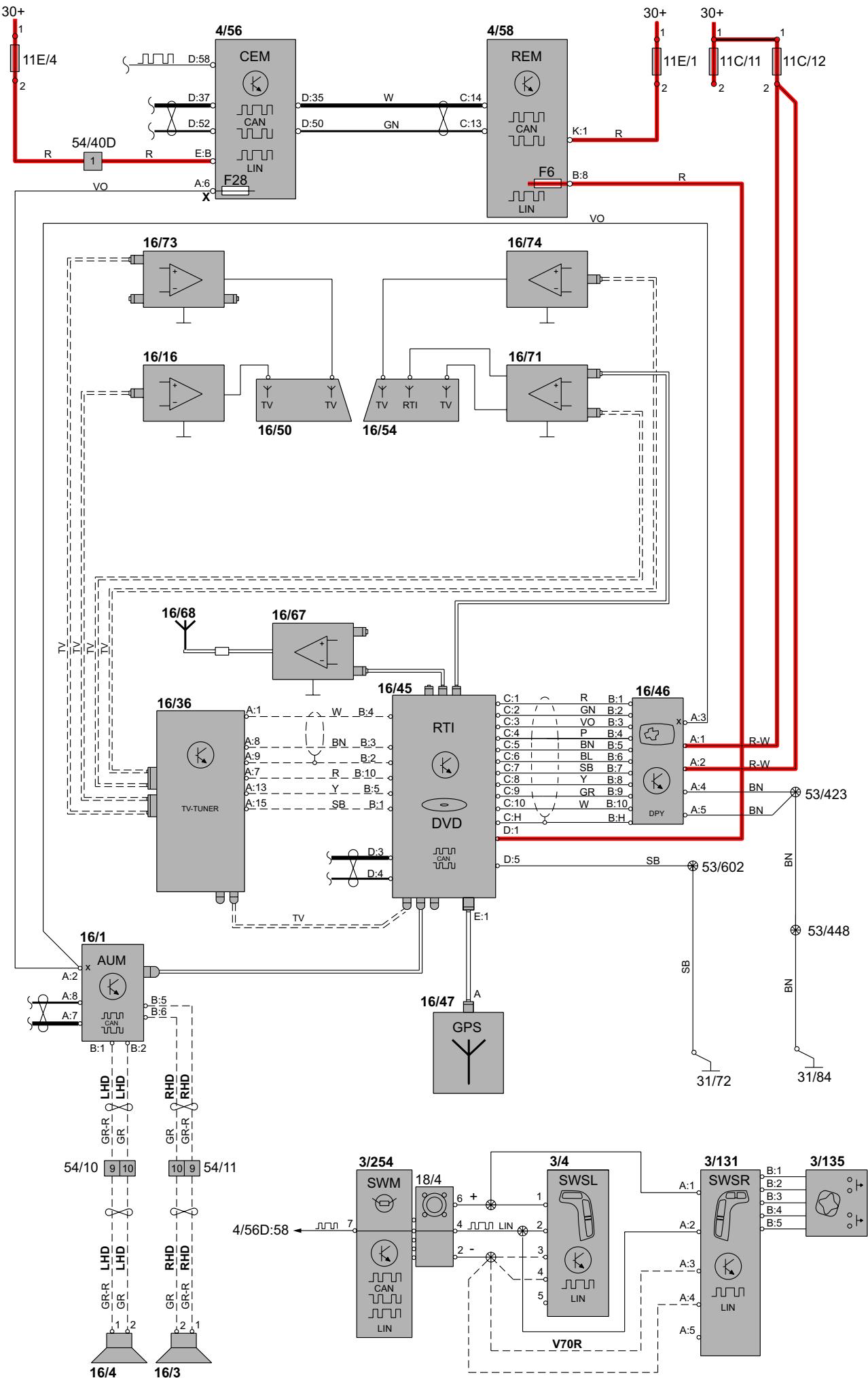


Group 39 Other Audio Performance XC90

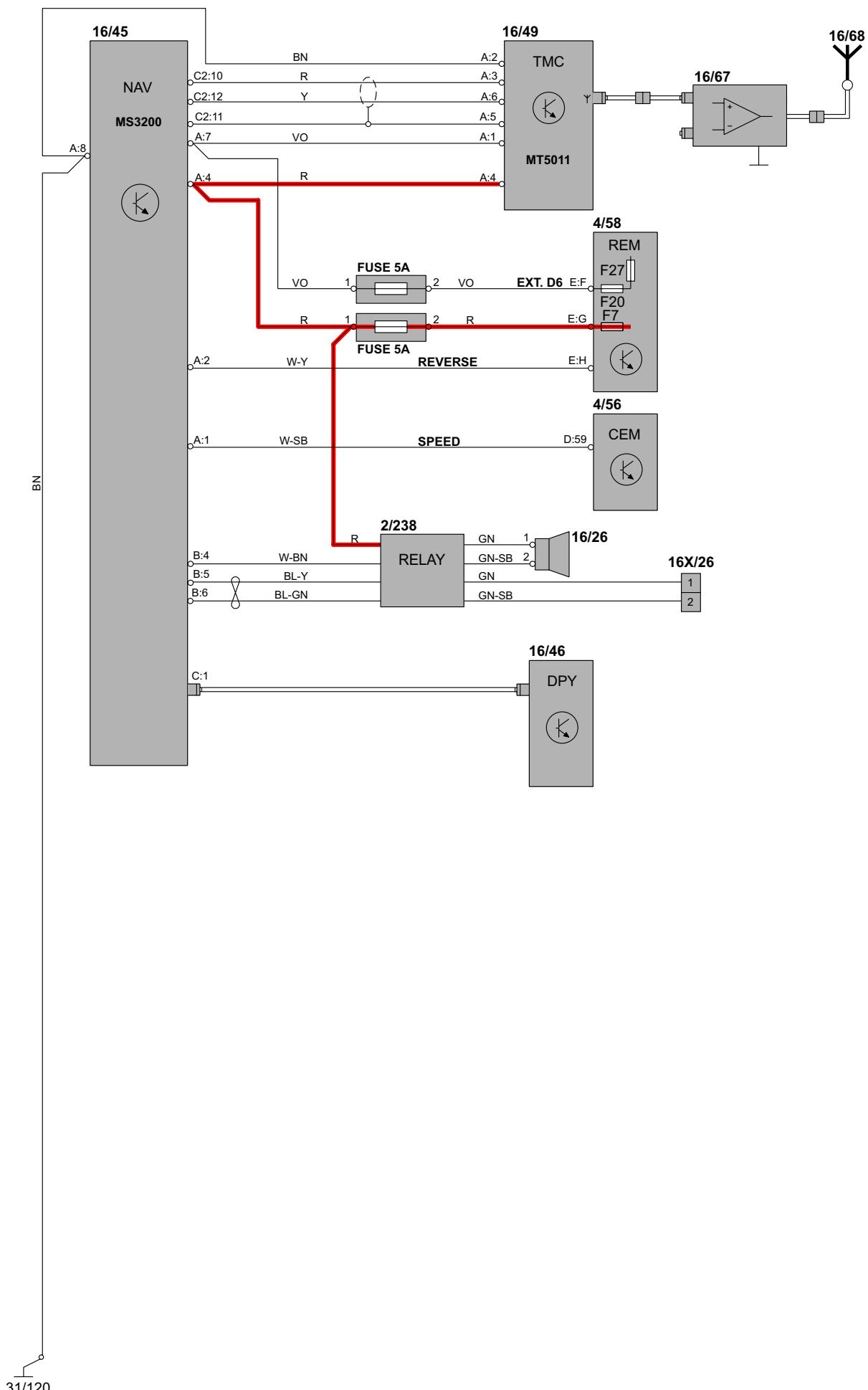


Group 39 Other

Road Traffic Information module (RTI) V70

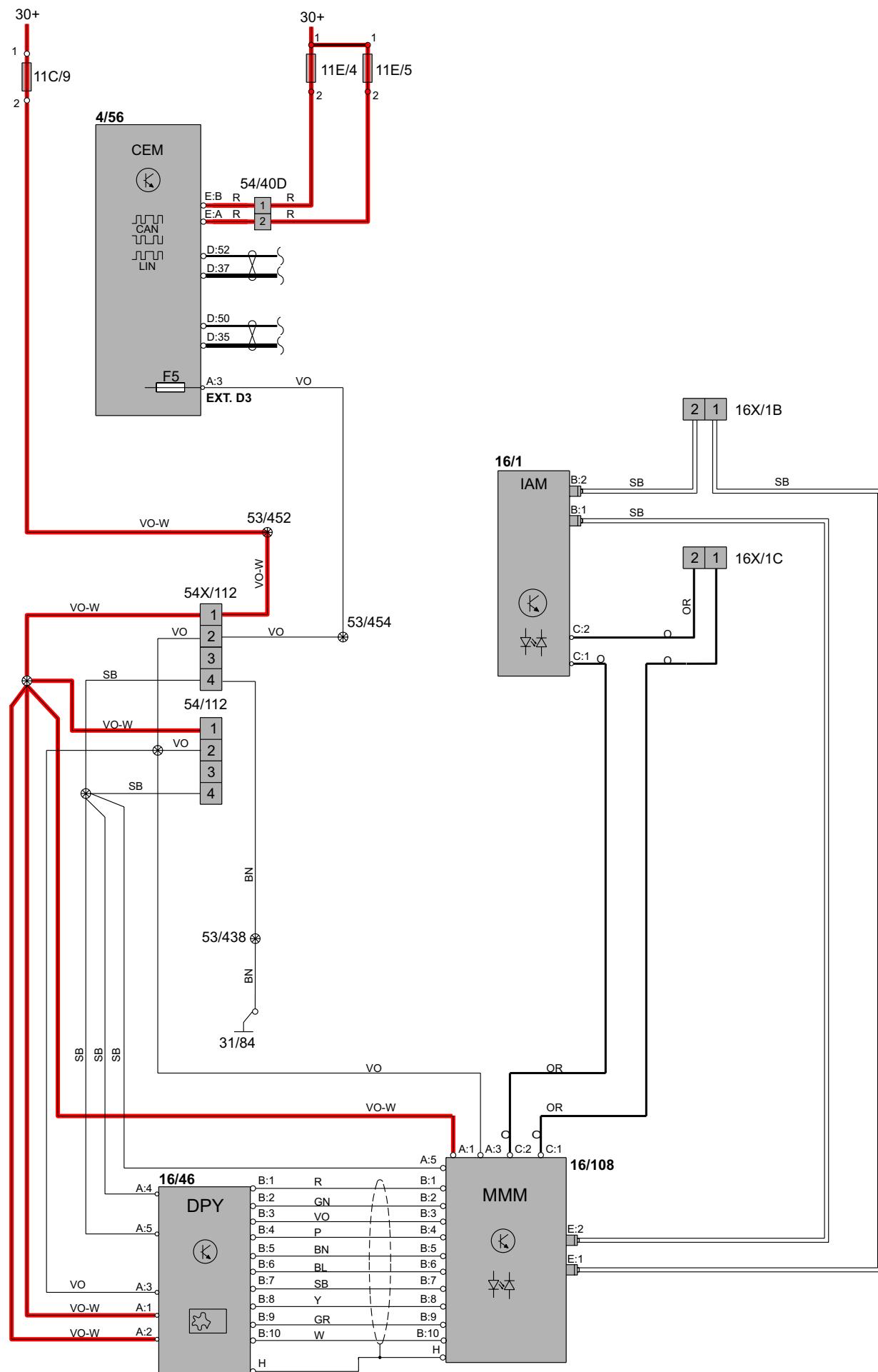


Group 39 Other, Accessories
Turn-by-Turn, navigation system V70



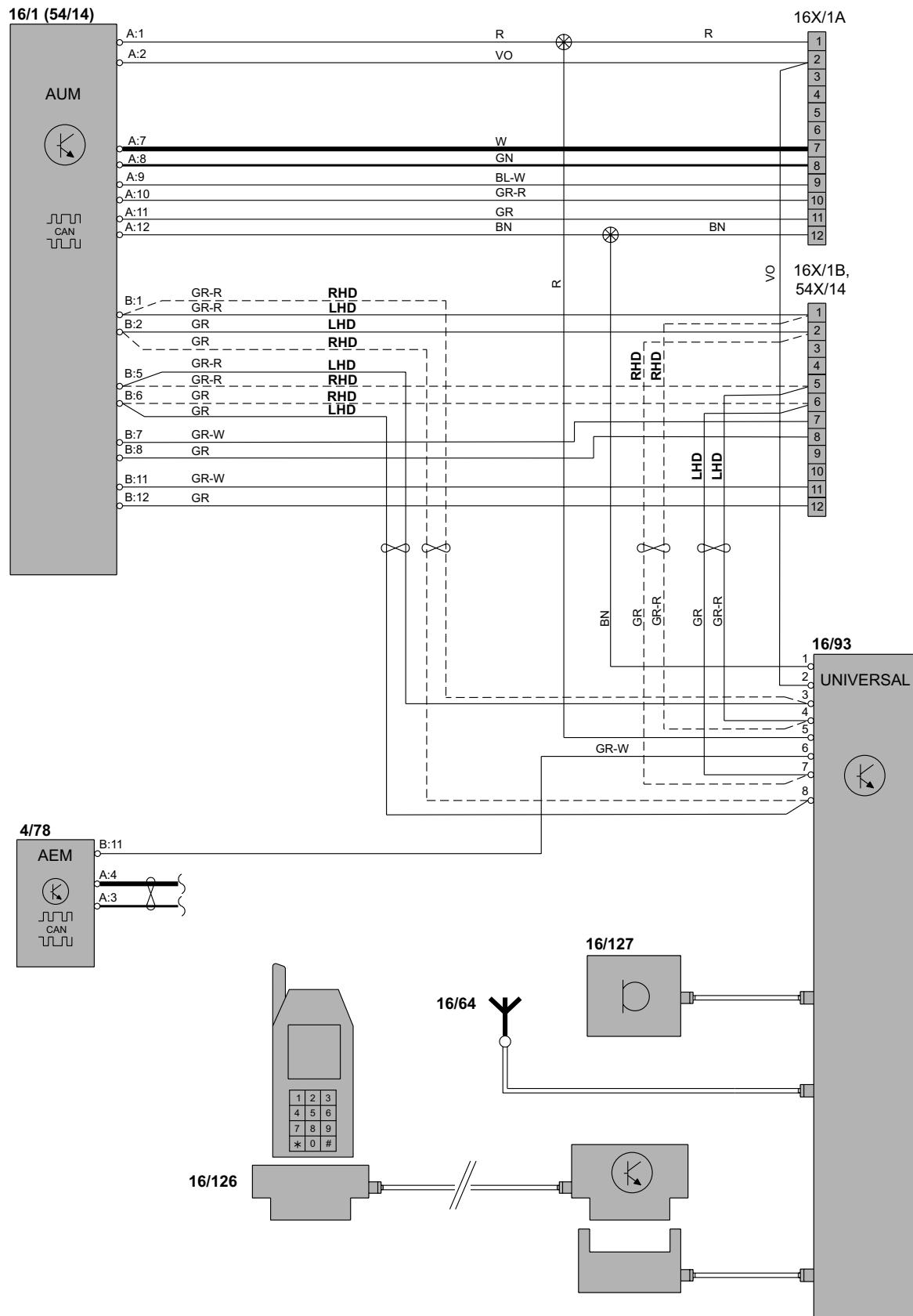
Group 39 Other, Accessories

Road Traffic Information module (RTI) XC90



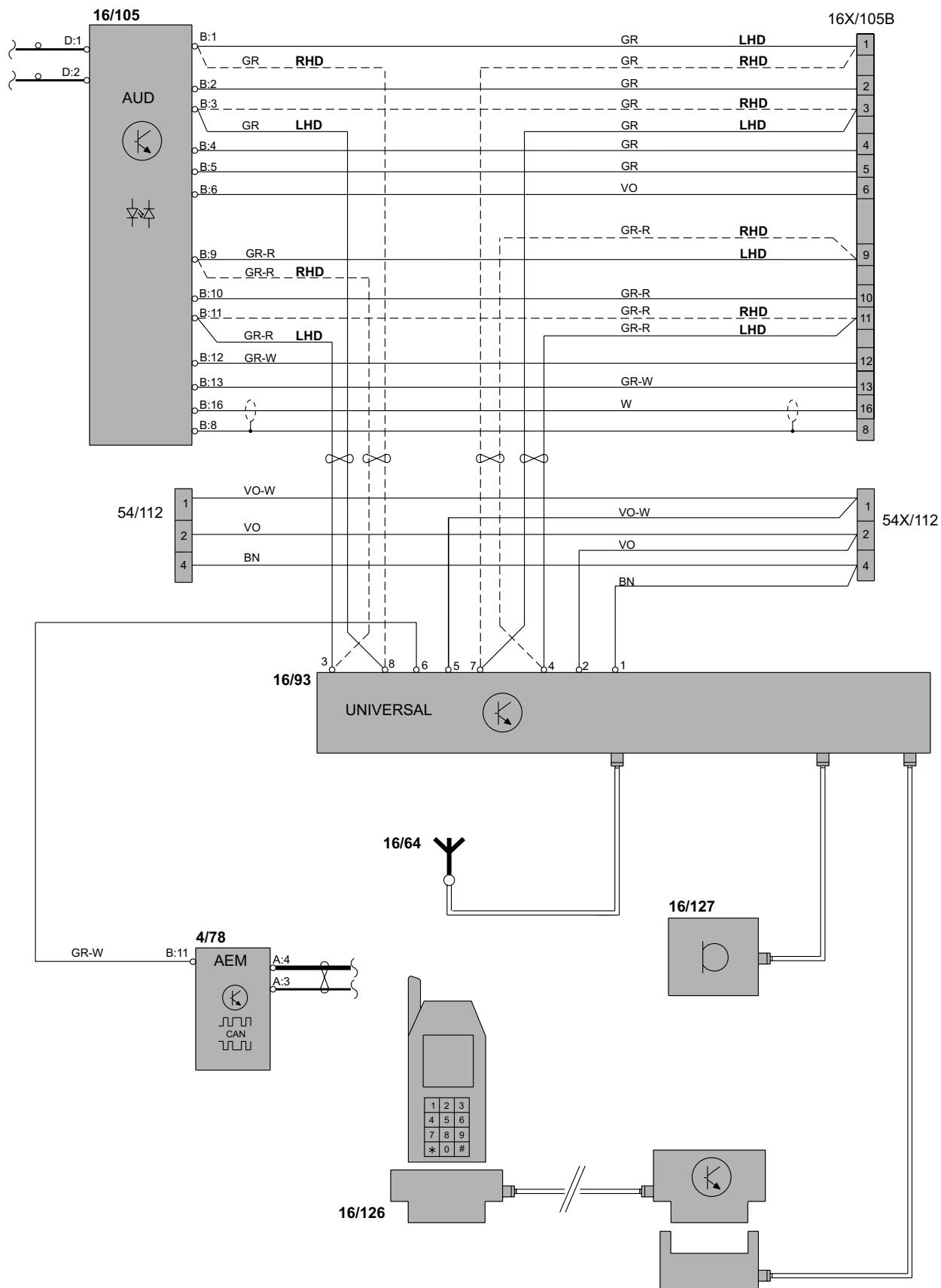
Group 39 Other, Accessories

Handsfree V70



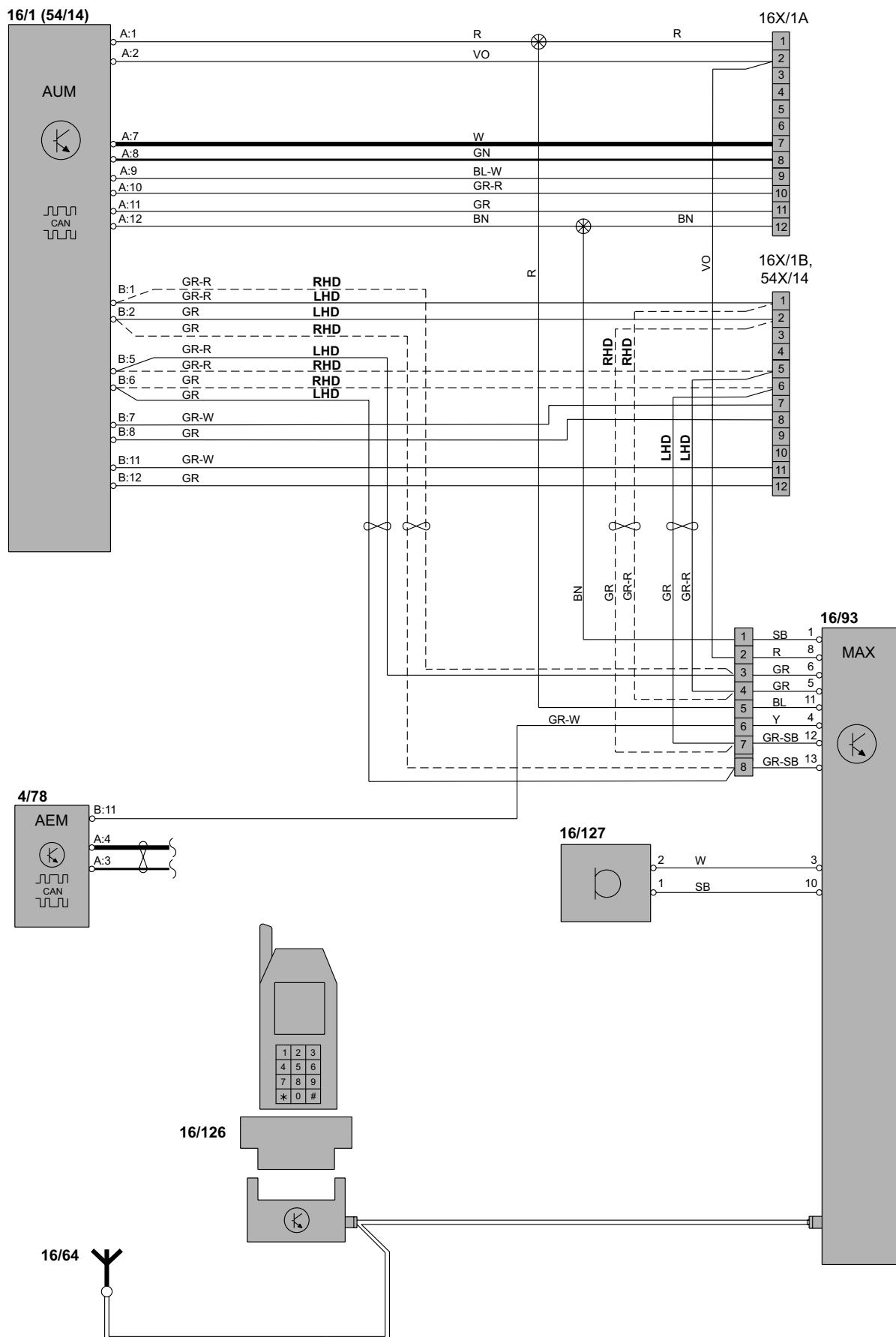
Group 39 Other, Accessories

Handsfree XC90



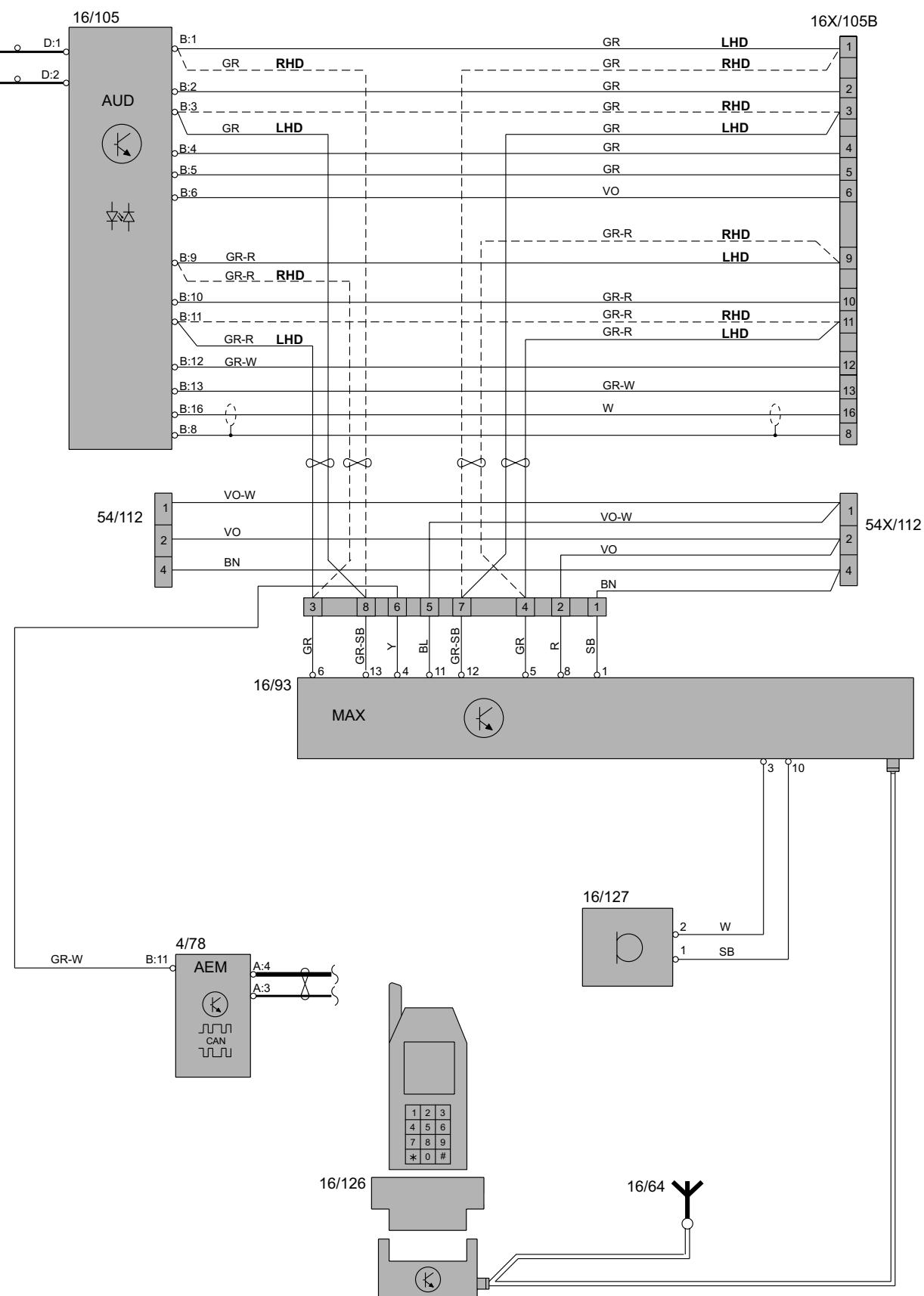
Group 39 Other, Accessories

Handsfree MAX V70



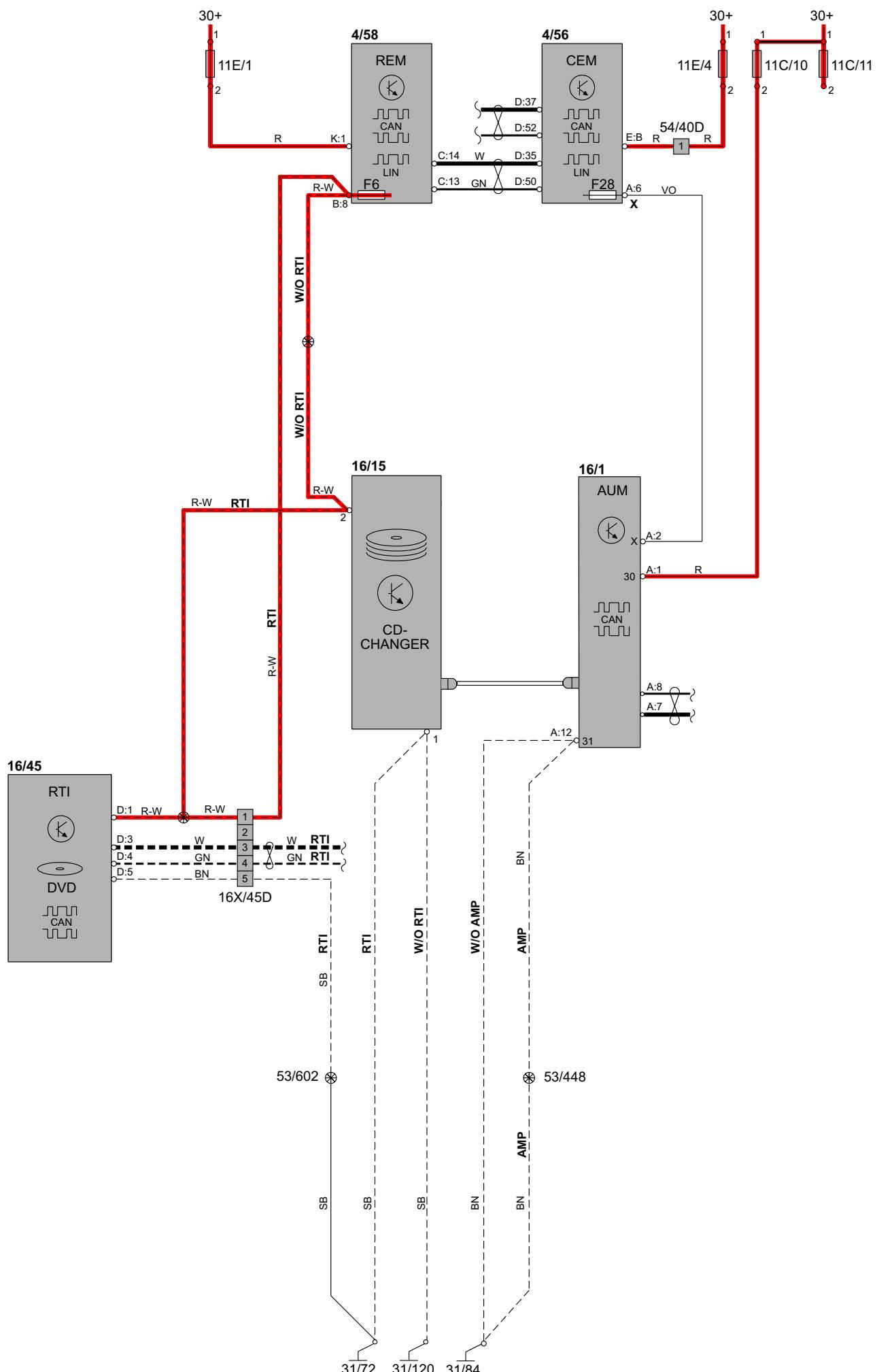
Group 39 Other, Accessories

Handsfree MAX XC90

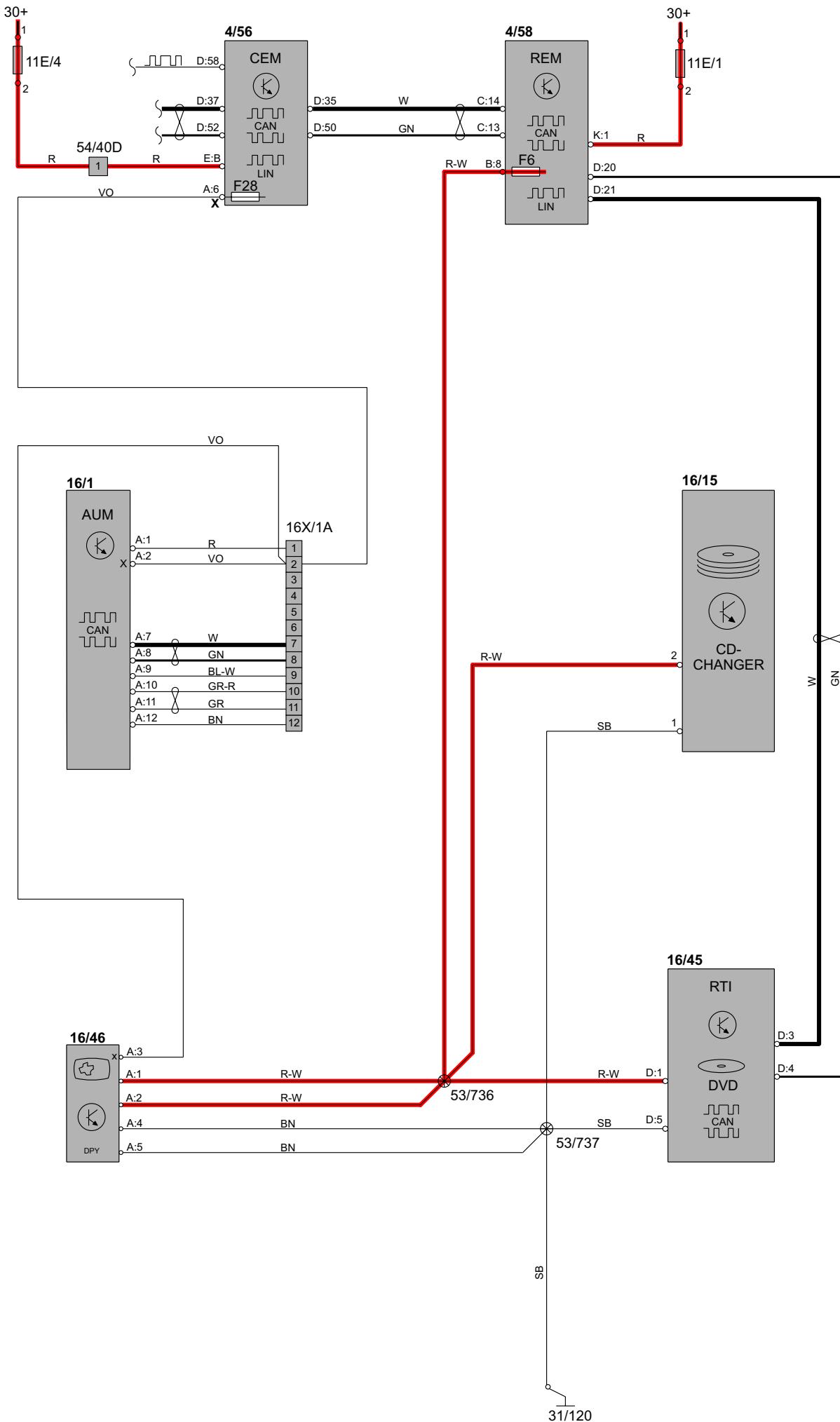


Group 39 Other, Accessories

CD changer V70

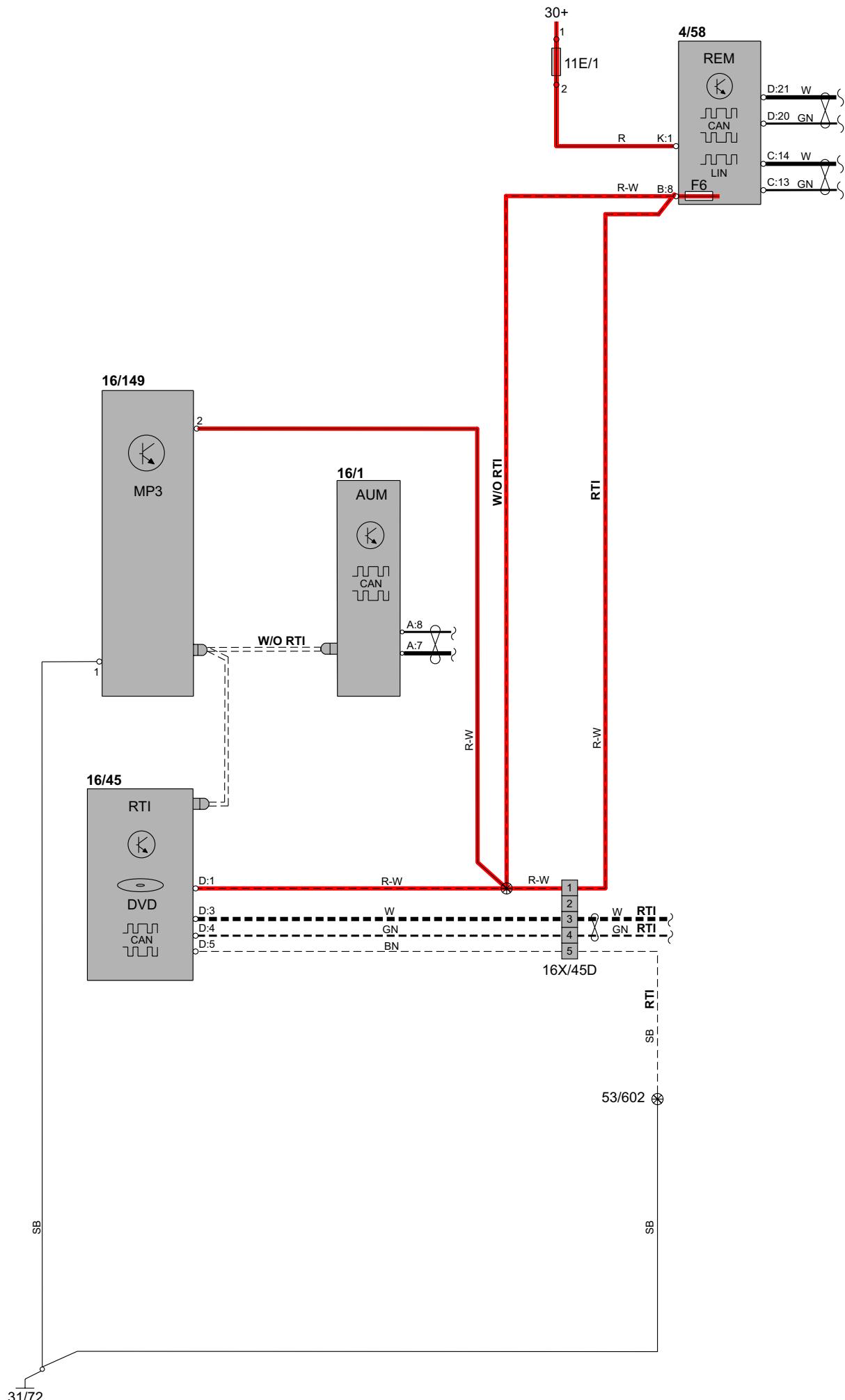


Group 39 Other, Accessories RTI & CD changer V70



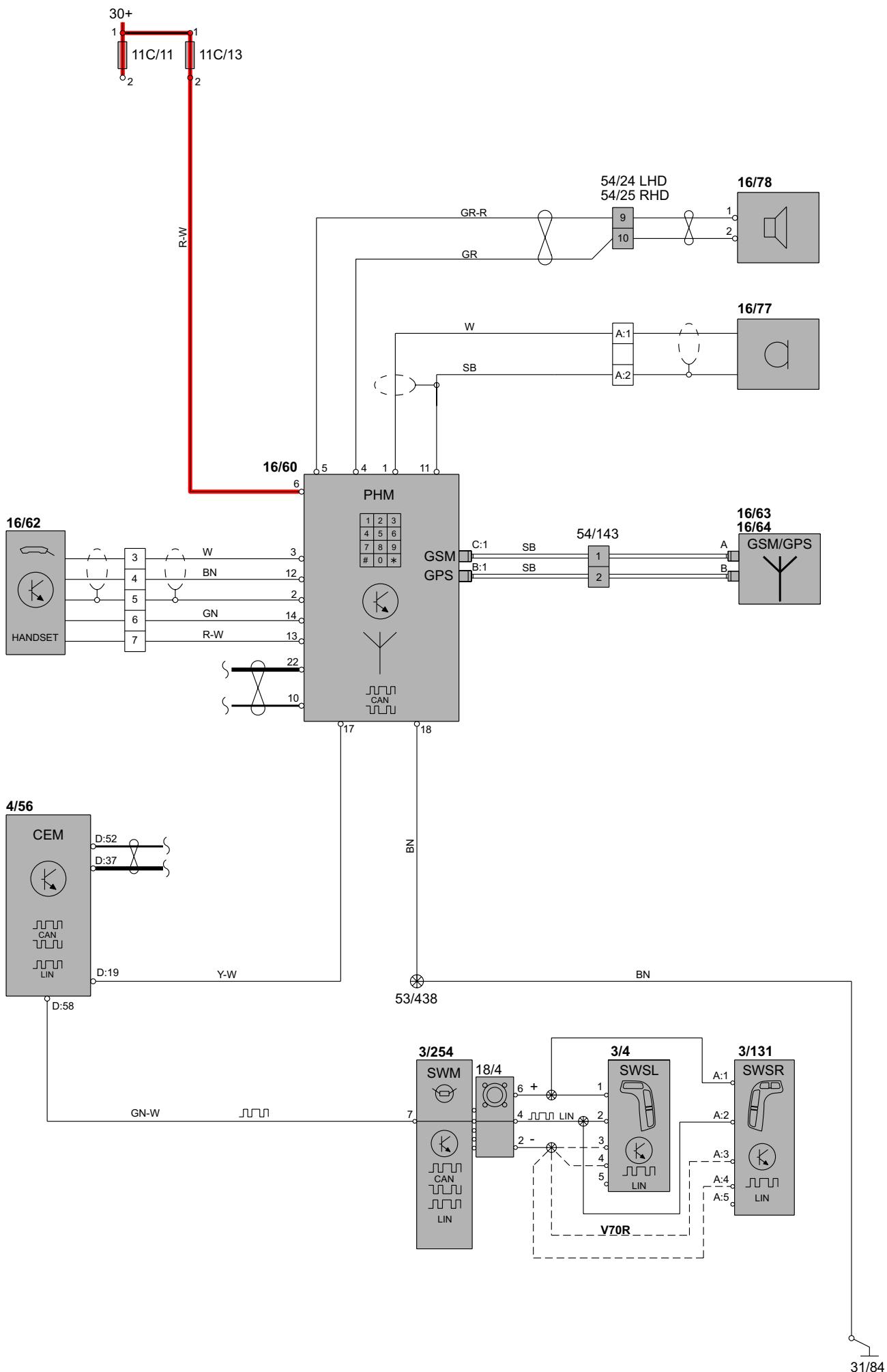
Group 39 Other, Accessories

MP3 player V70



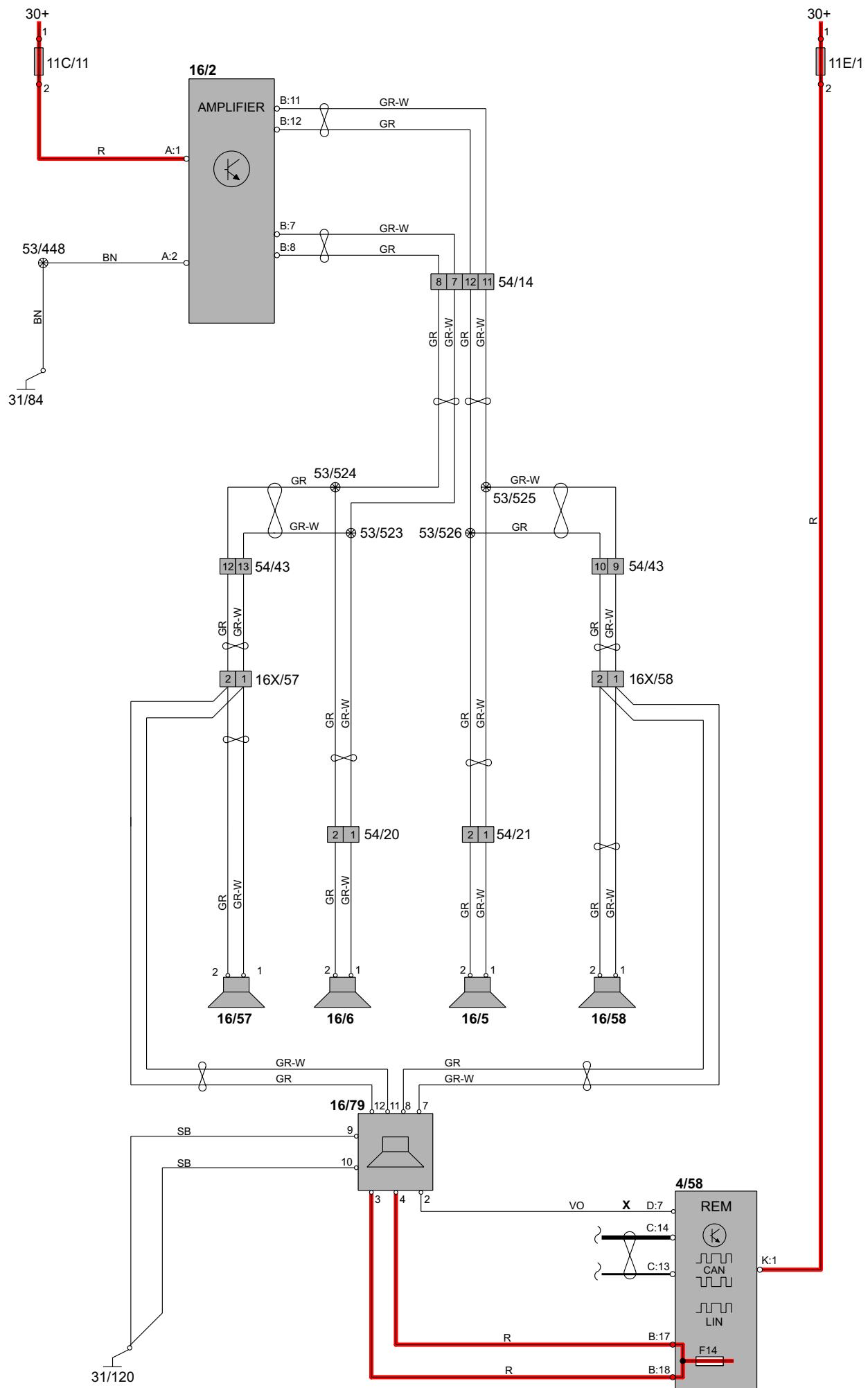
Group 39 Other

Cellular phone V70



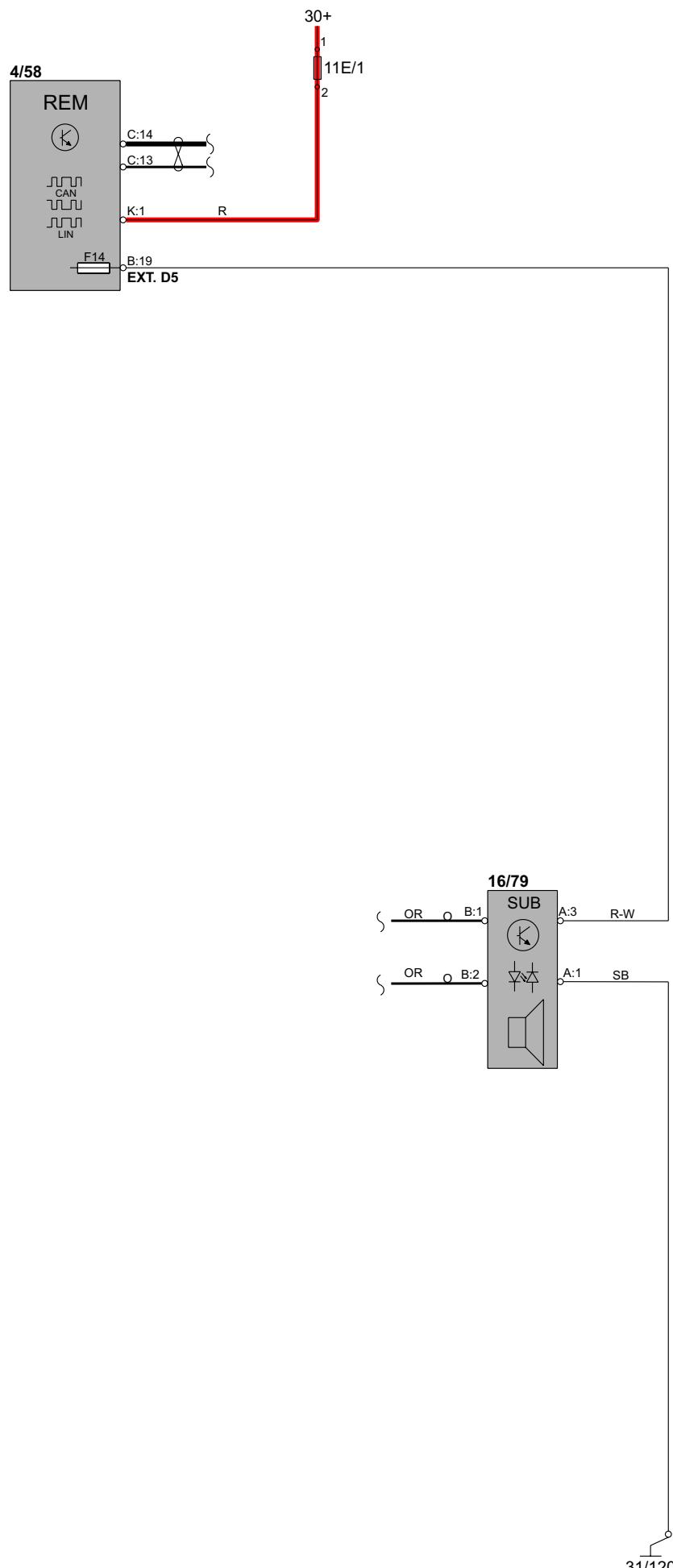
Group 39 Other, Accessories

Subwoofer V70

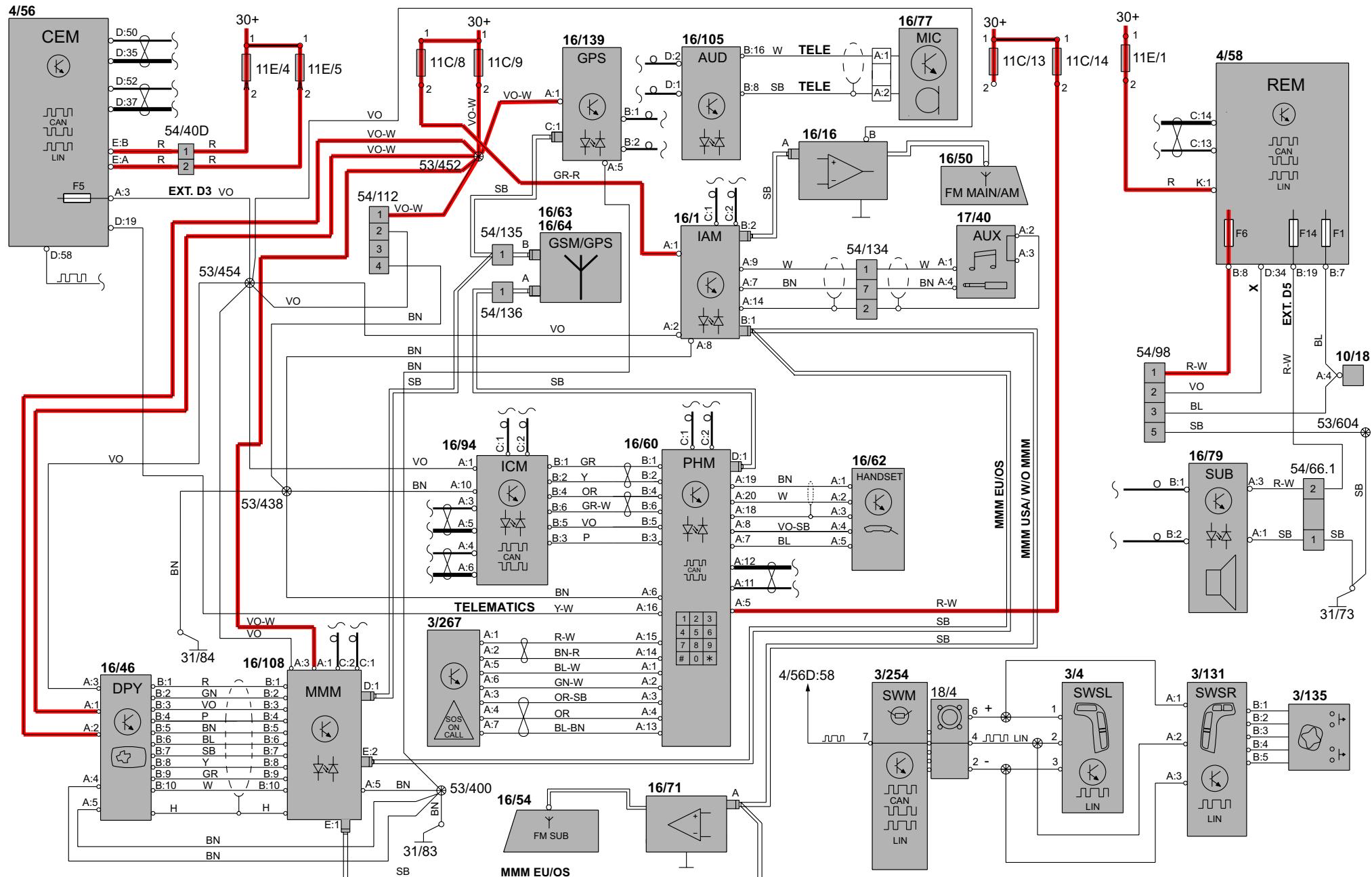


Group 39 Other, Accessories

Subwoofer XC90

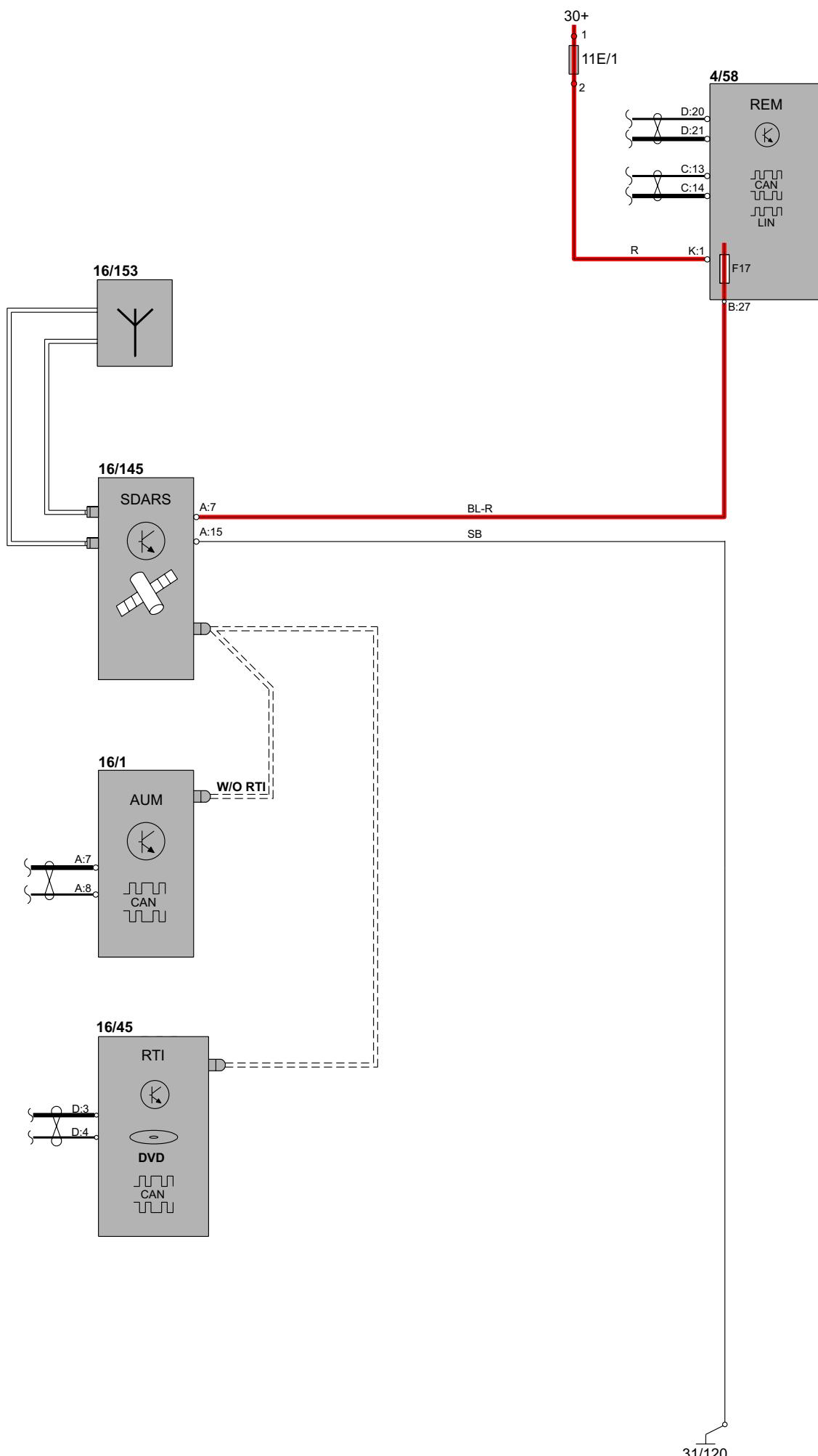


Group 39 Other Infotainment XC90



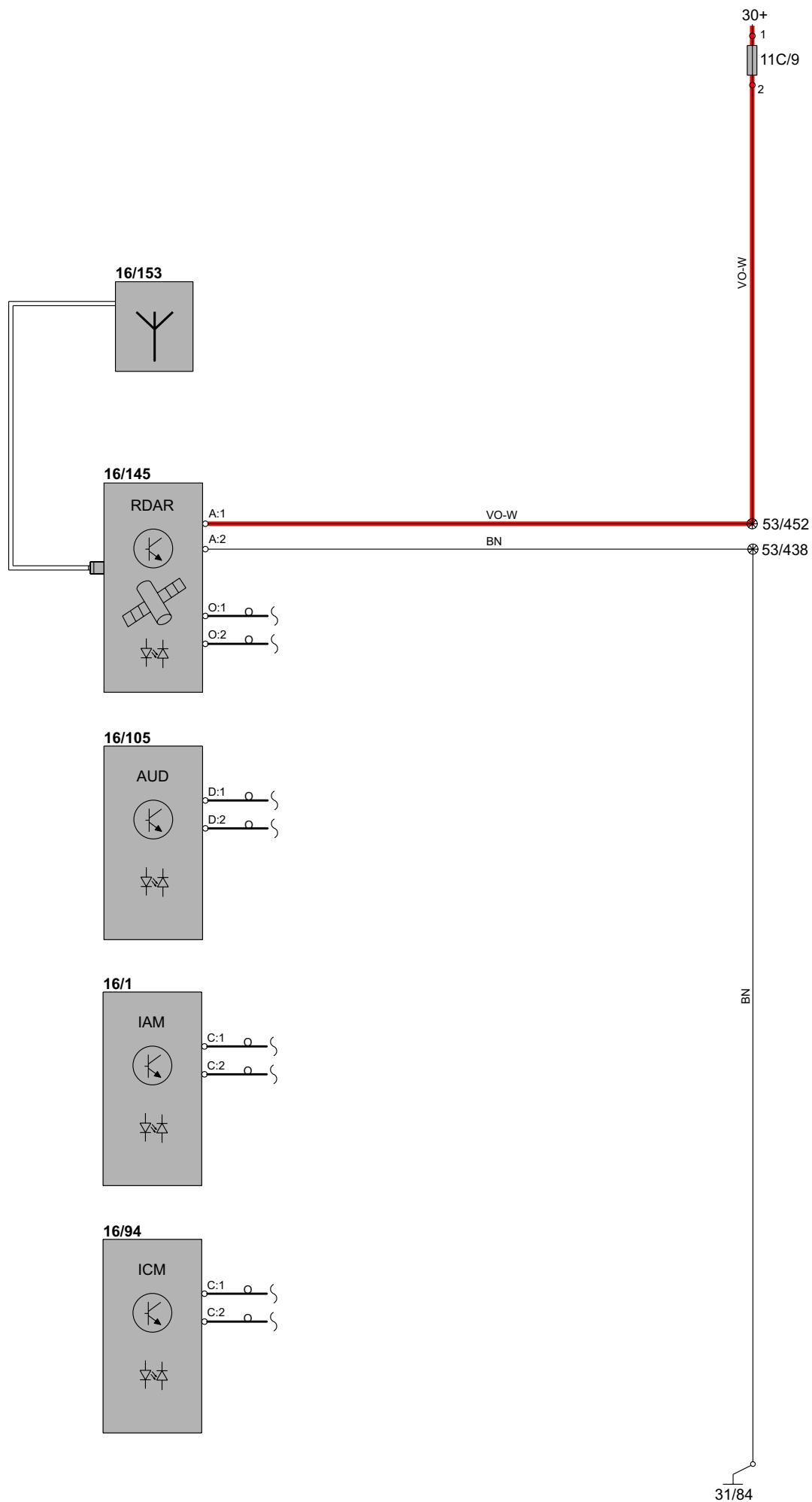
Group 39 Other, Accessories

Satellite radio V70



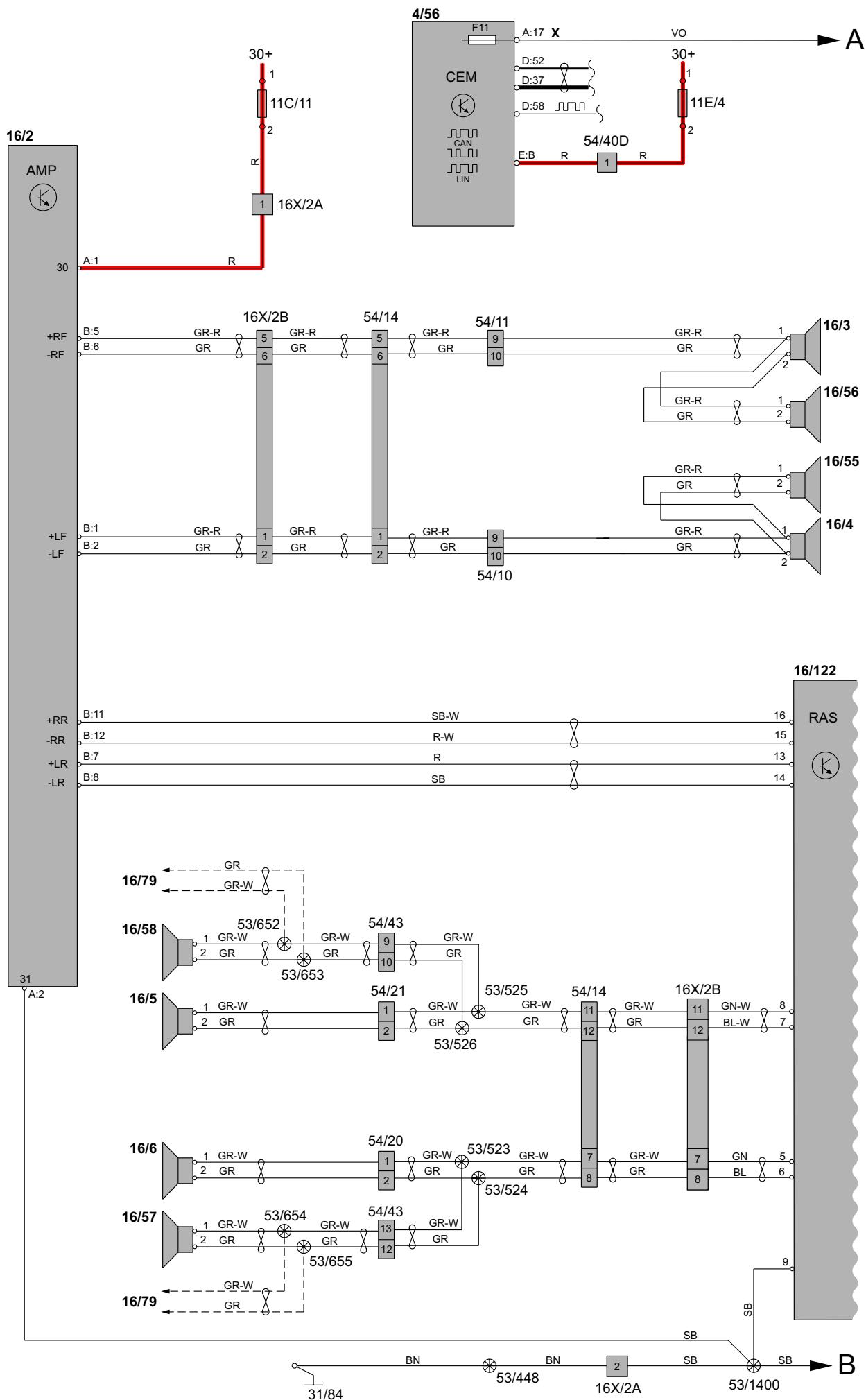
Group 39 Other, Accessories

Satellite radio XC90



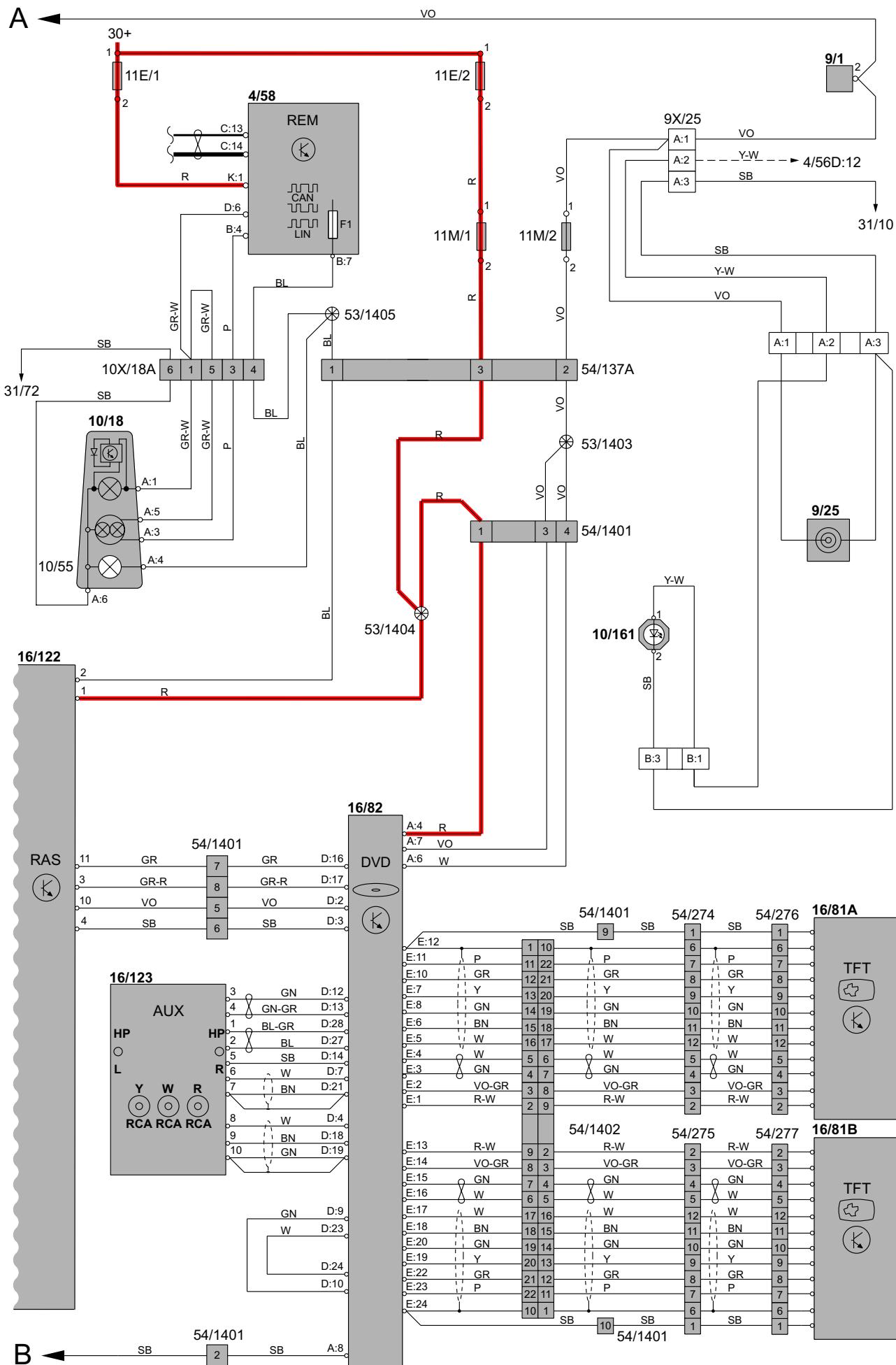
Group 39 Other, Accessories

Rear Seat Entertainment V70 1:2



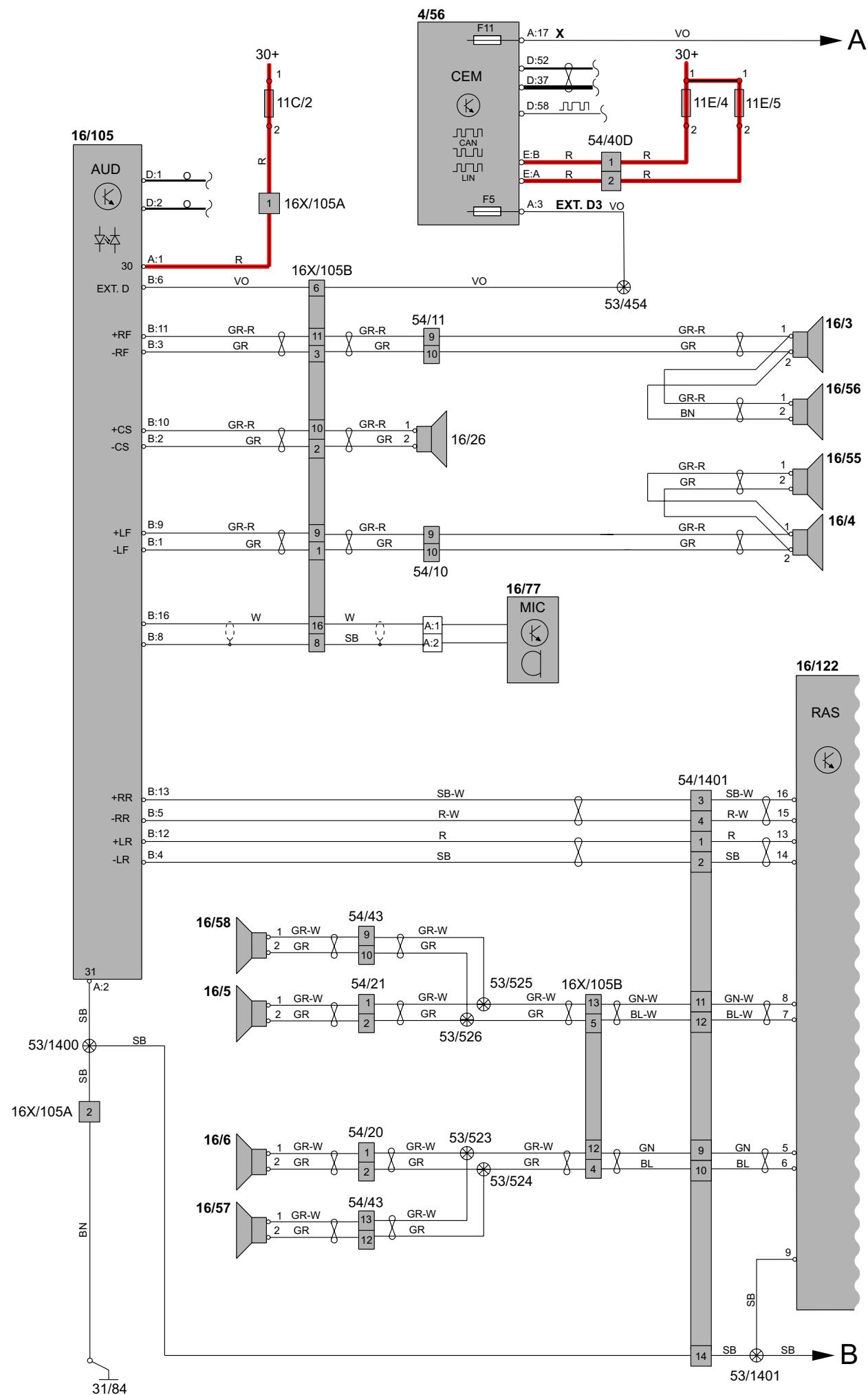
Group 39 Other, Accessories

Rear Seat Entertainment V70 2:2

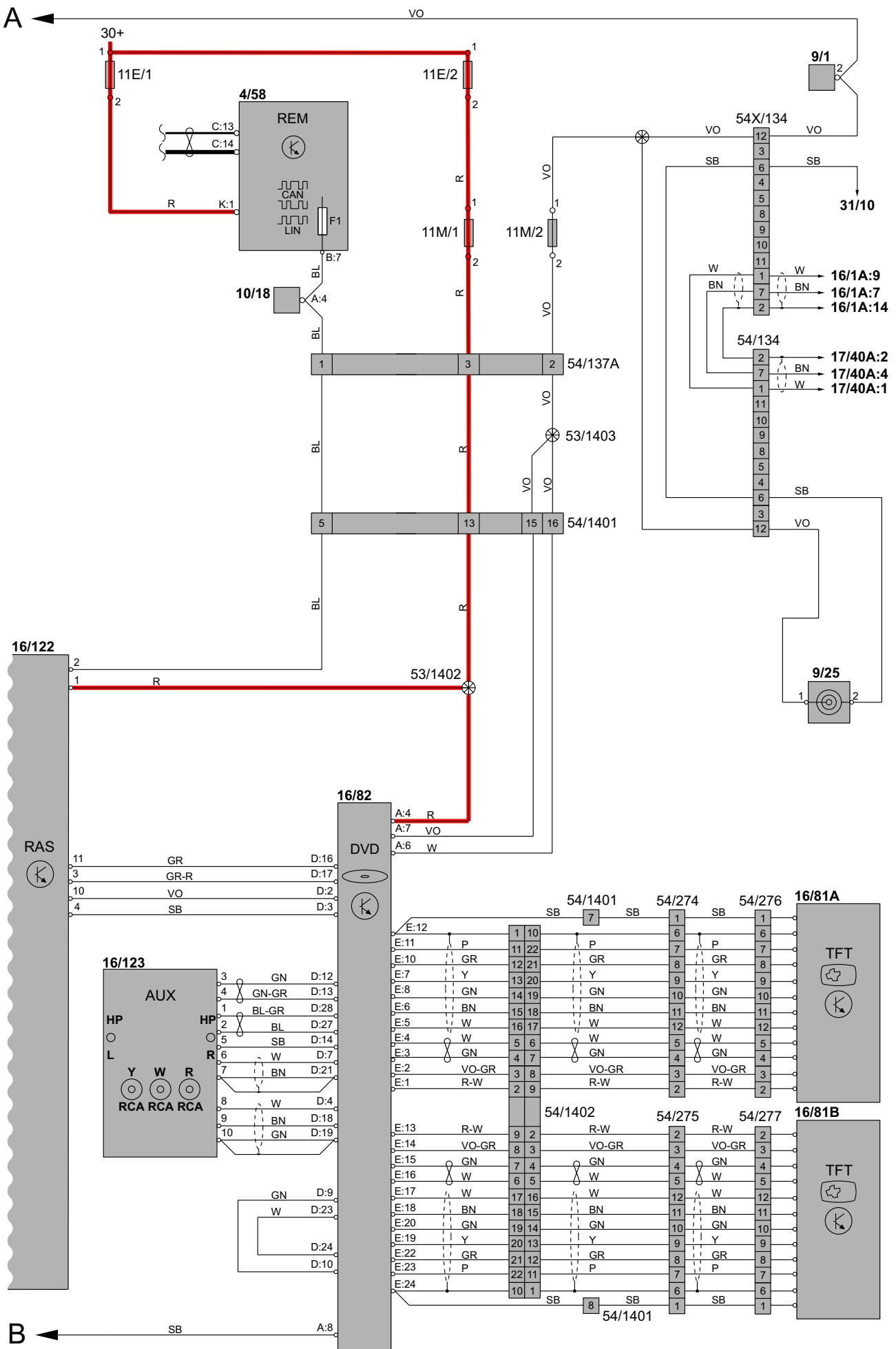


Group 39 Other

Rear Seat Entertainment XC90 1:2

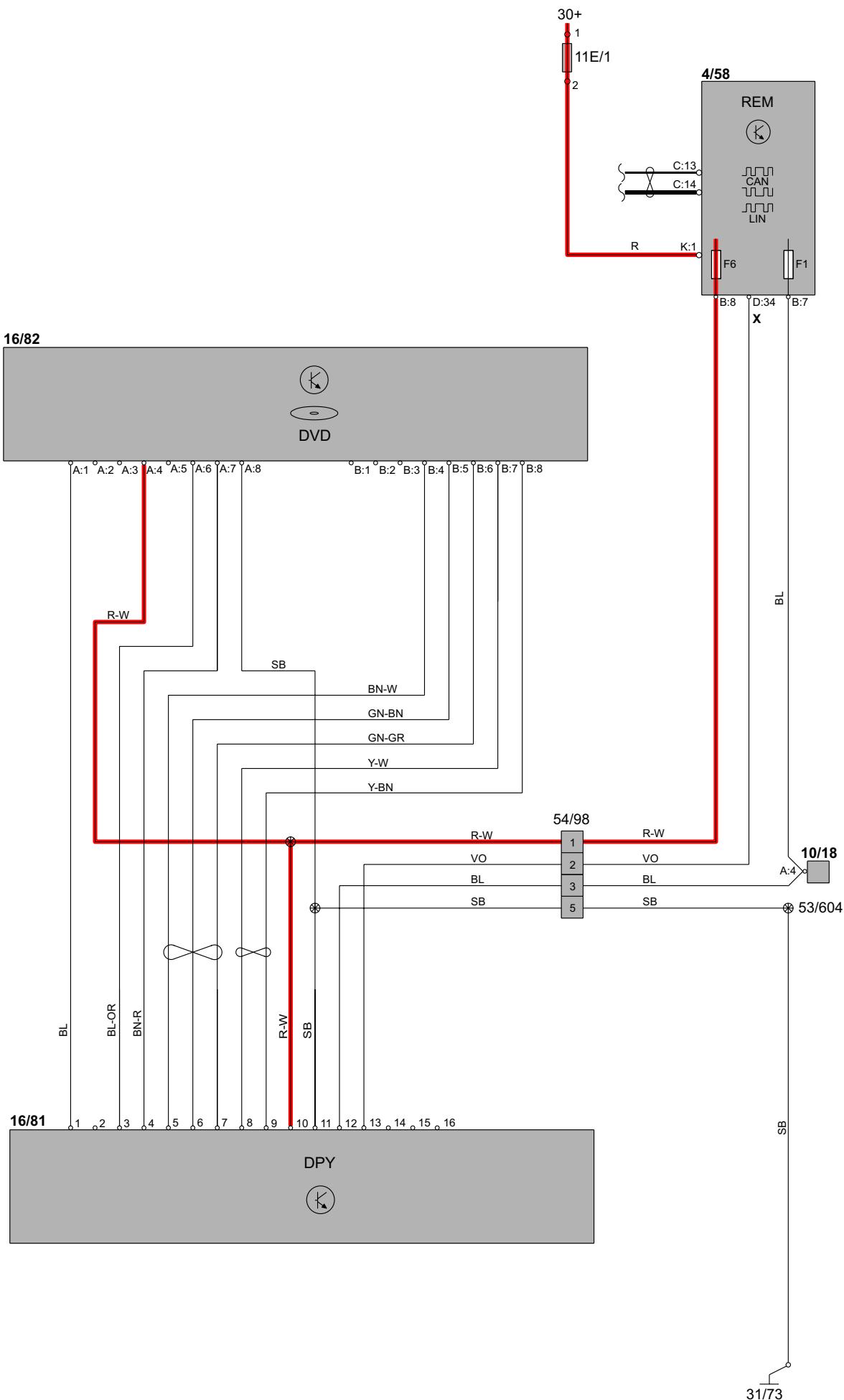


Group 39 Other Rear Seat Entertainment XC90 2:2



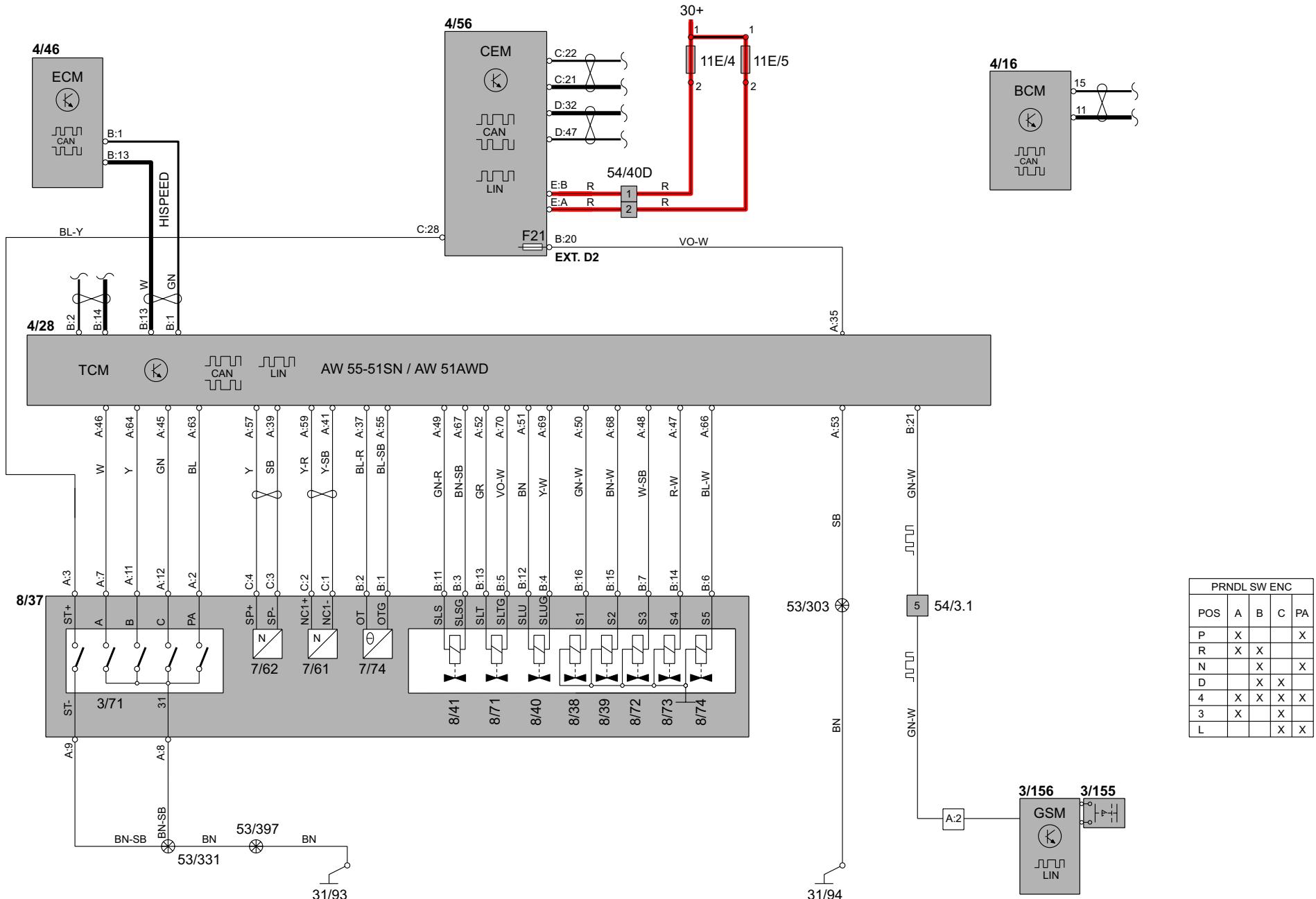
Group 39 Other, Accessories

Rear Seat Entertainment XC90



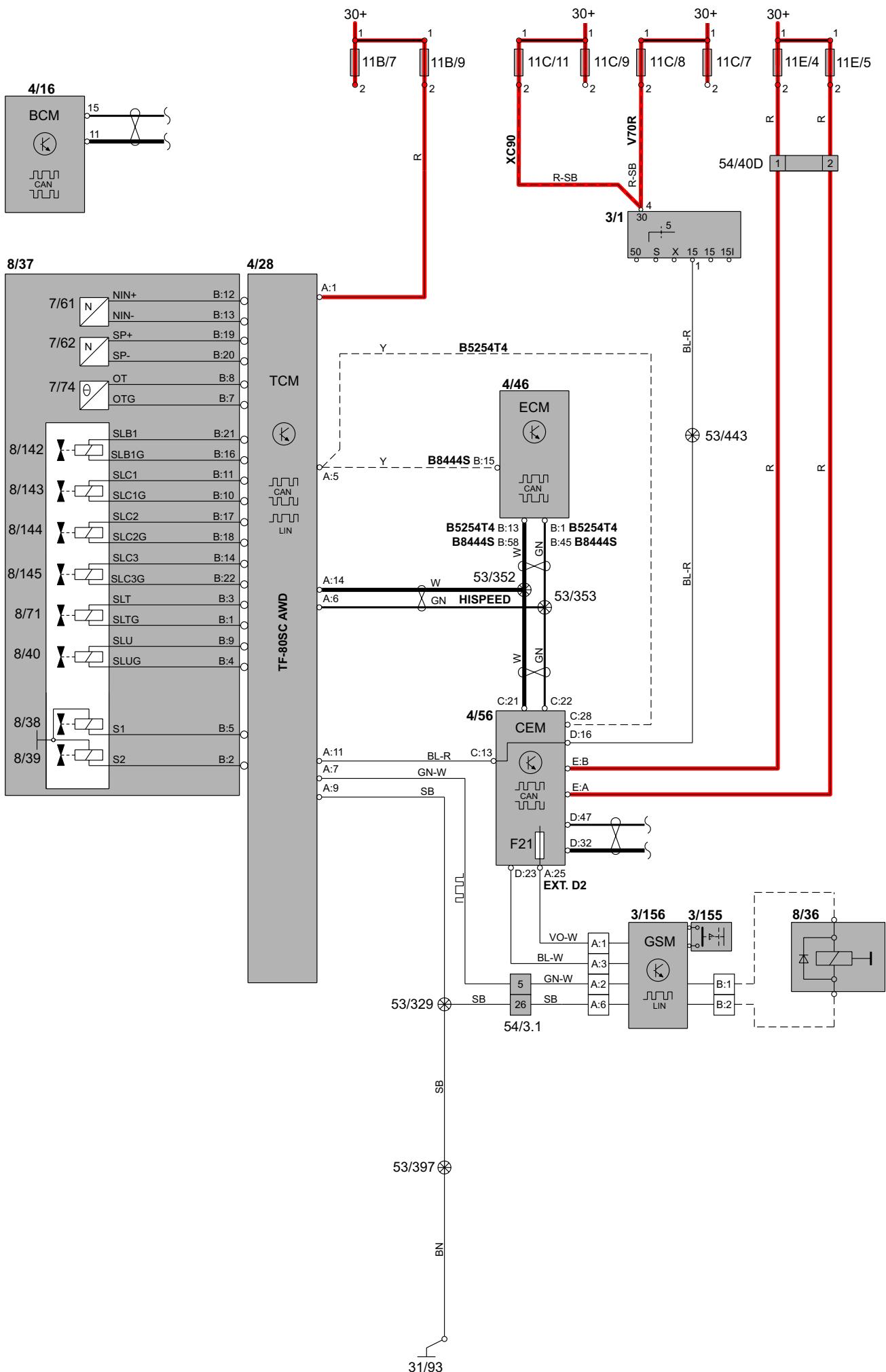
Group 43 Transmission

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



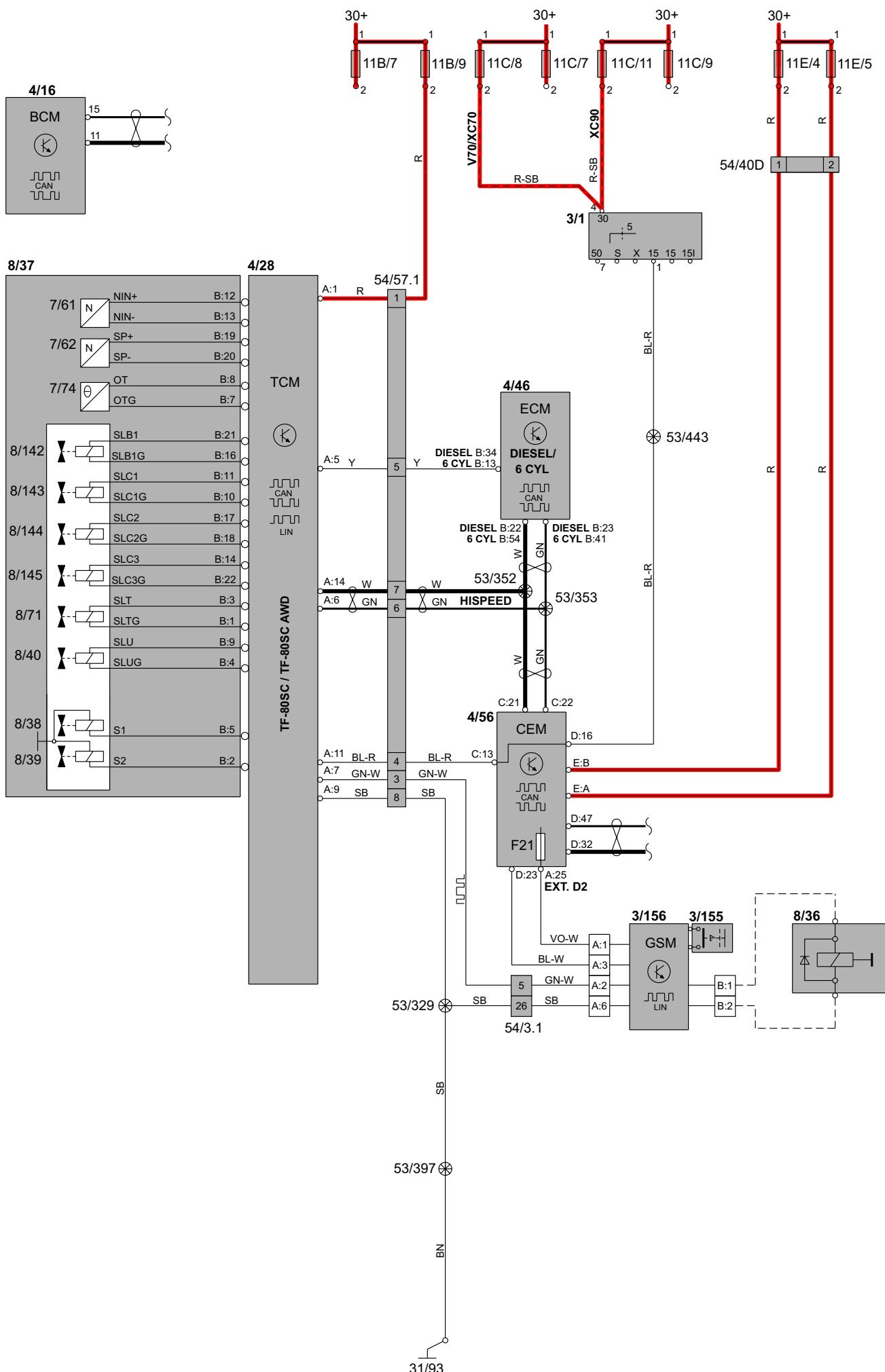
Group 43 Transmission

Automatic transmission TF-80SC AWD



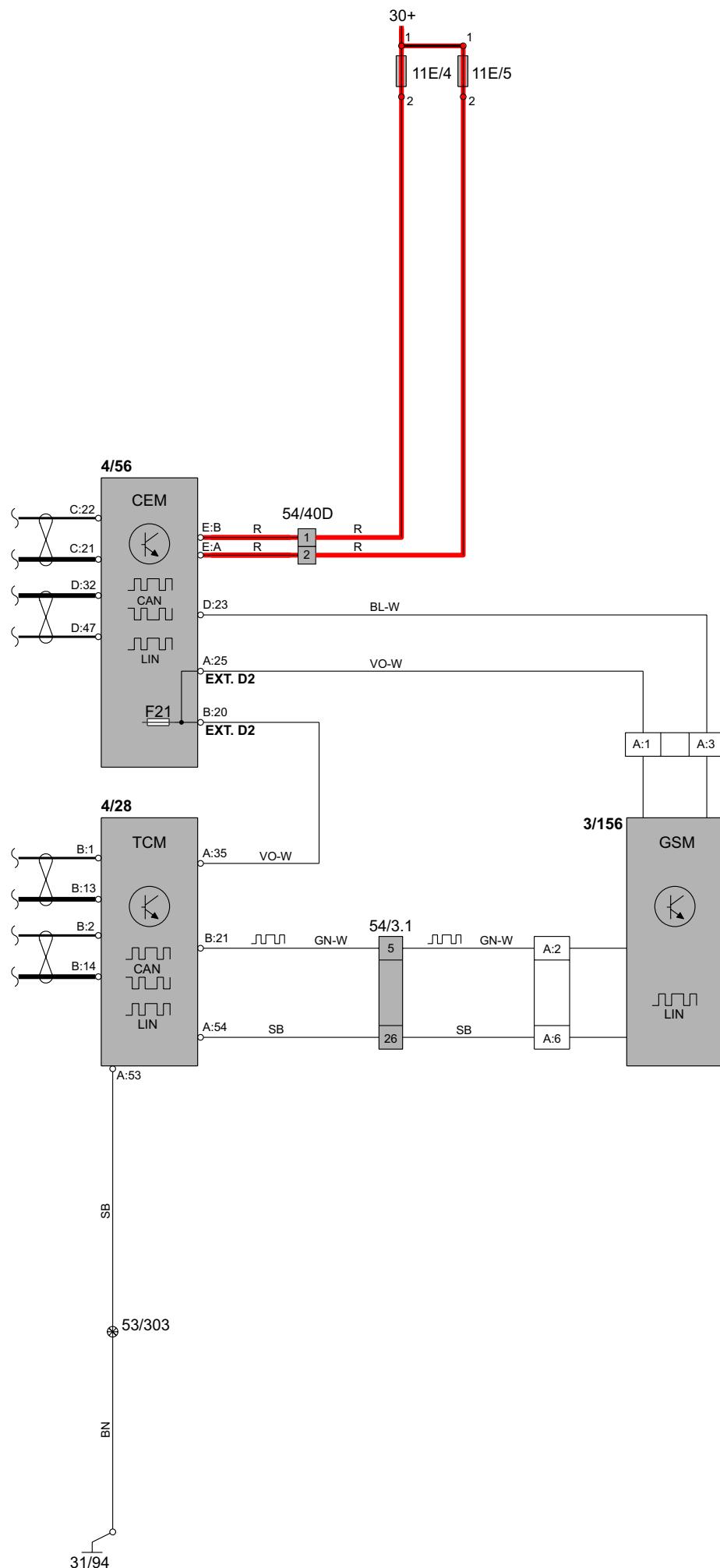
Group 43 Transmission

Automatic transmission TF-80SC / TF-80SC AWD, 6-cyl. & Diesel

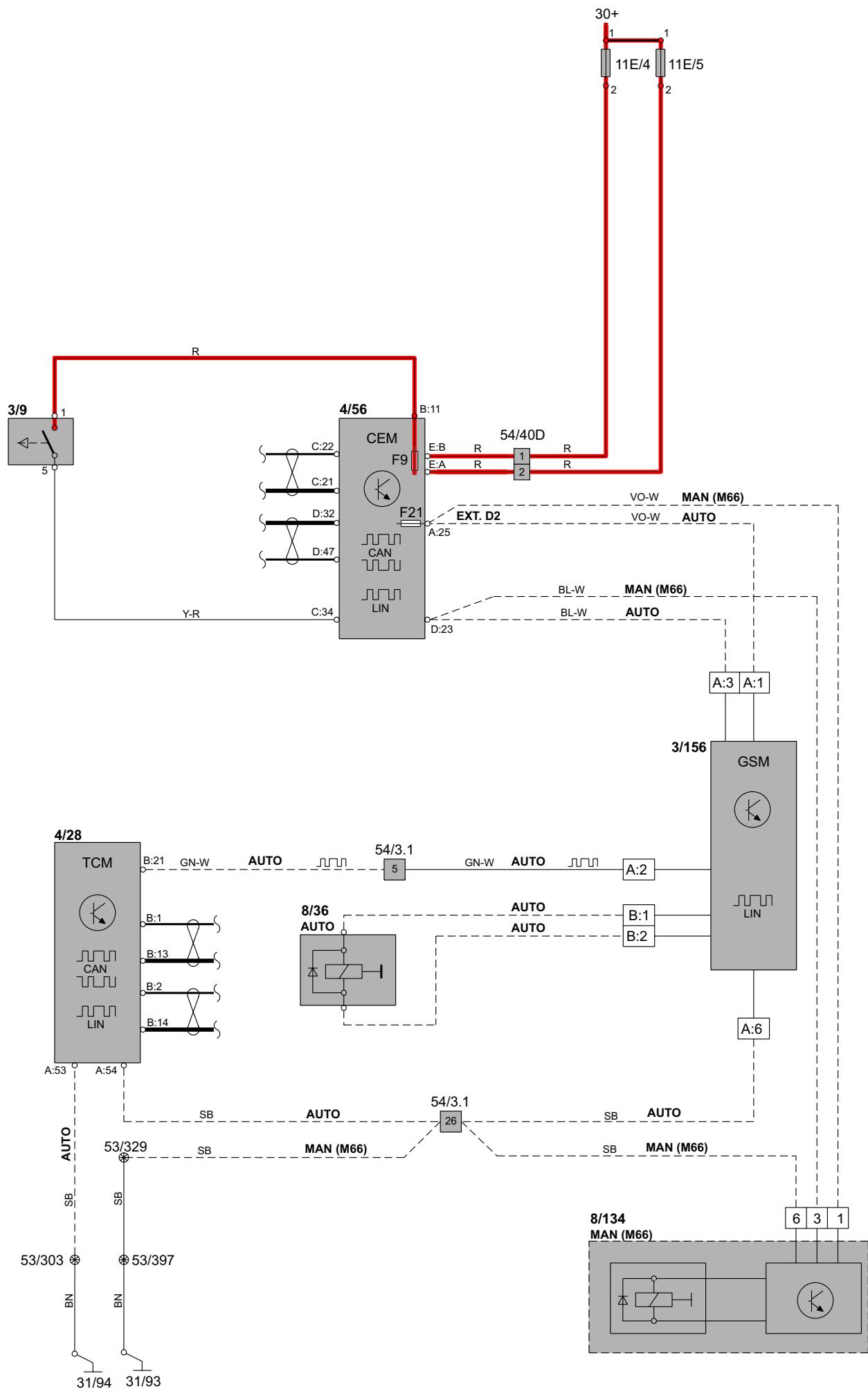


Group 43 Transmission

Geartronic

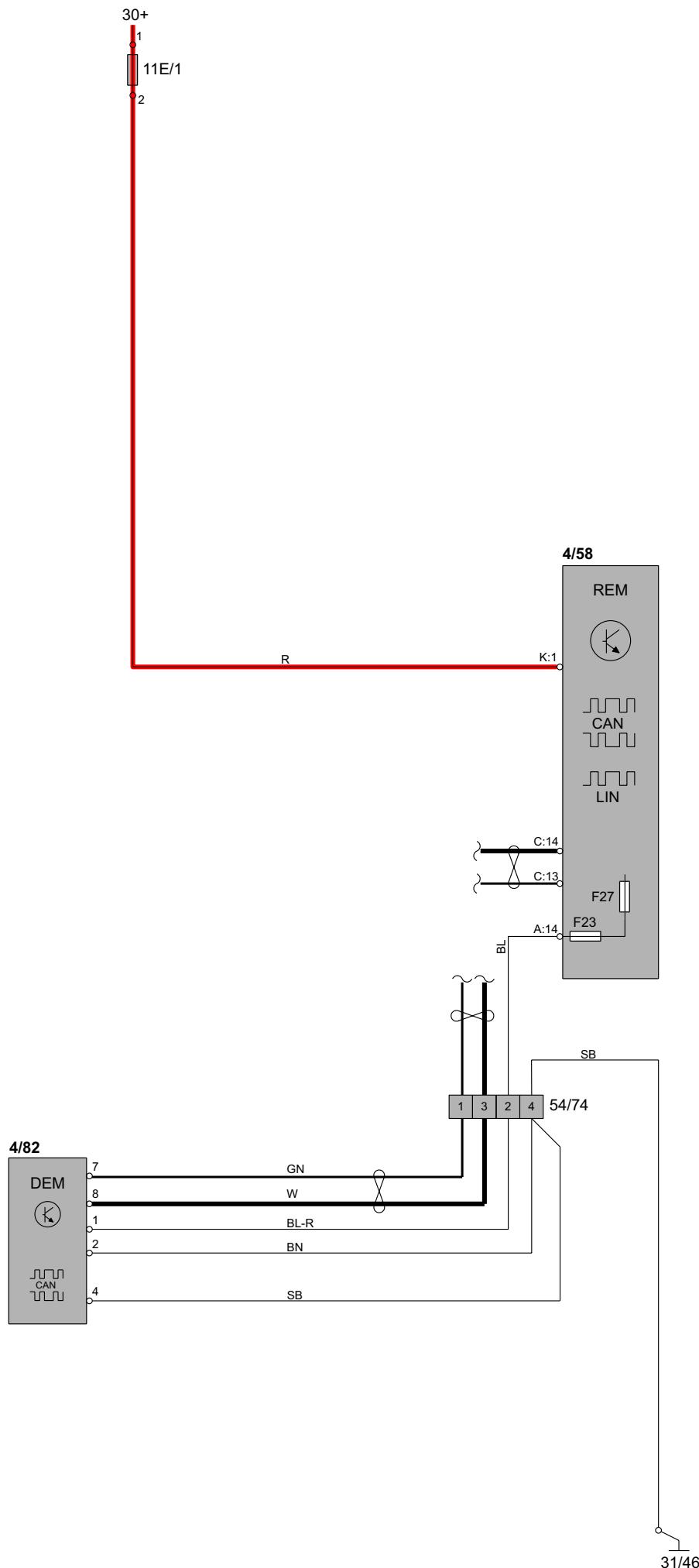


Group 43 Transmission Shift lock



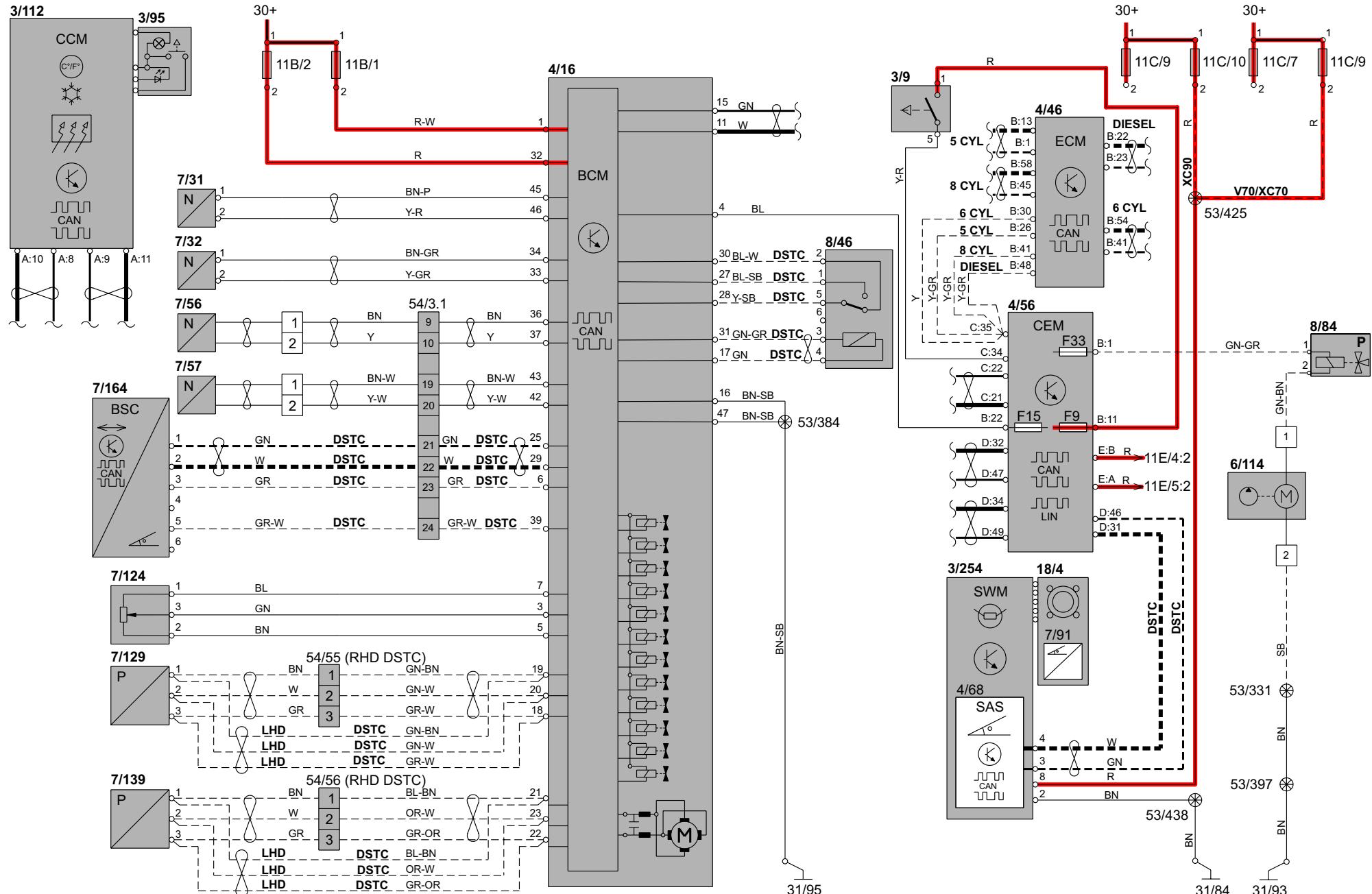
Group 43 Transmission

Differential Electronic Module (DEM)



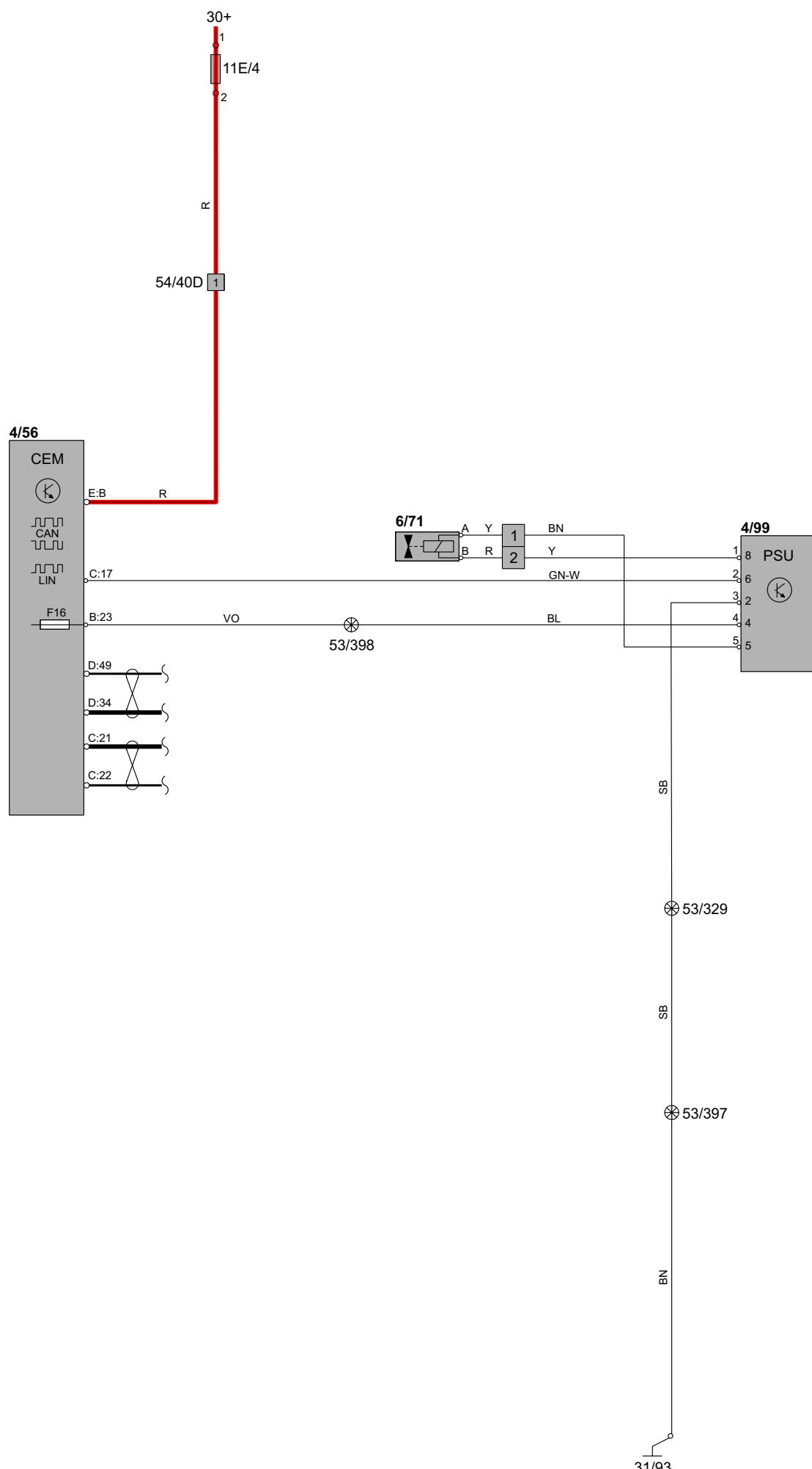
Group 59 Brake system

Brake control system



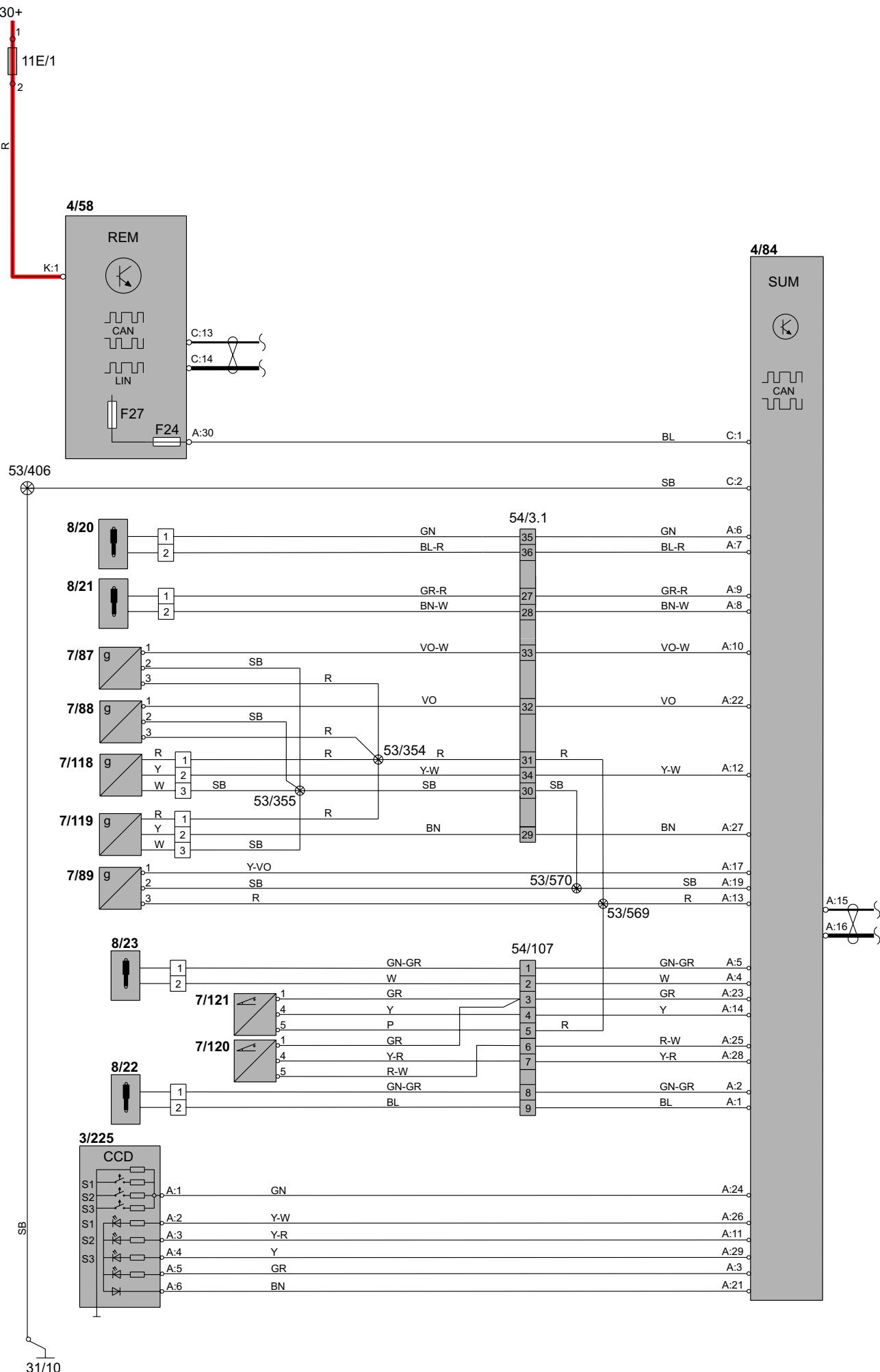
Group 64 Steering

Electronic power steering



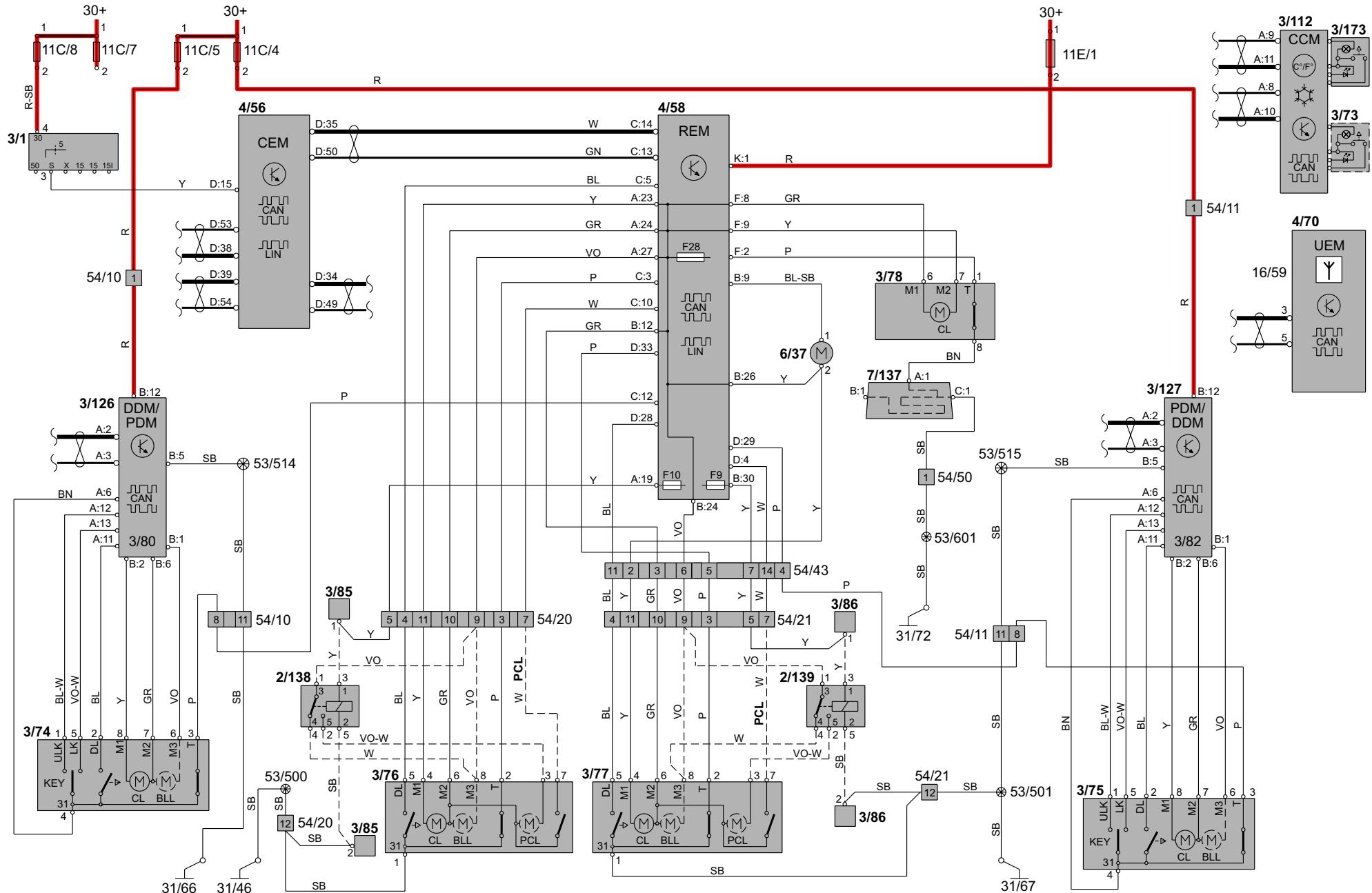
Group 76 Shock absorbers

Four-C V70



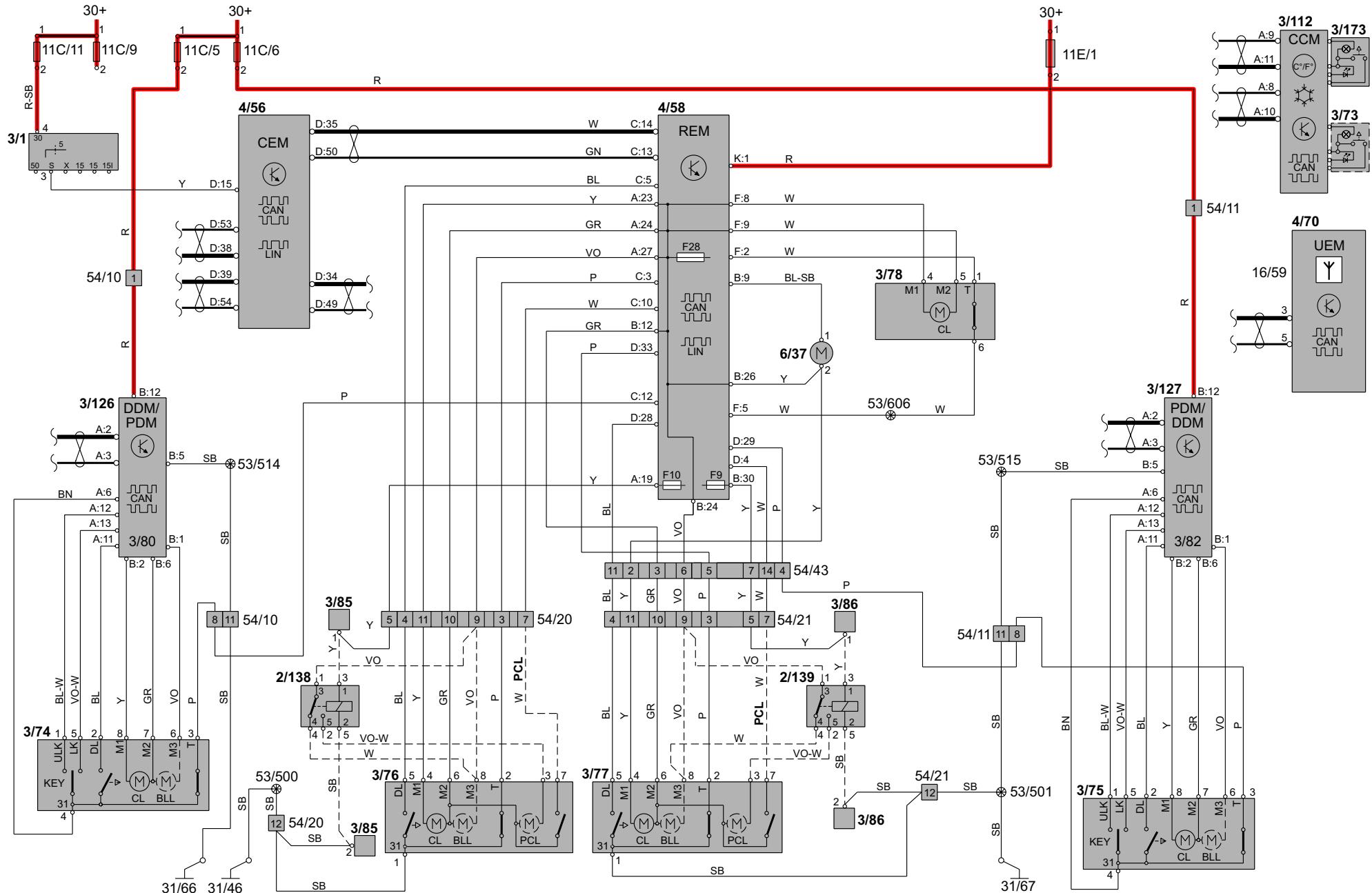
Group 83 Doors and openings

Central locking system V70



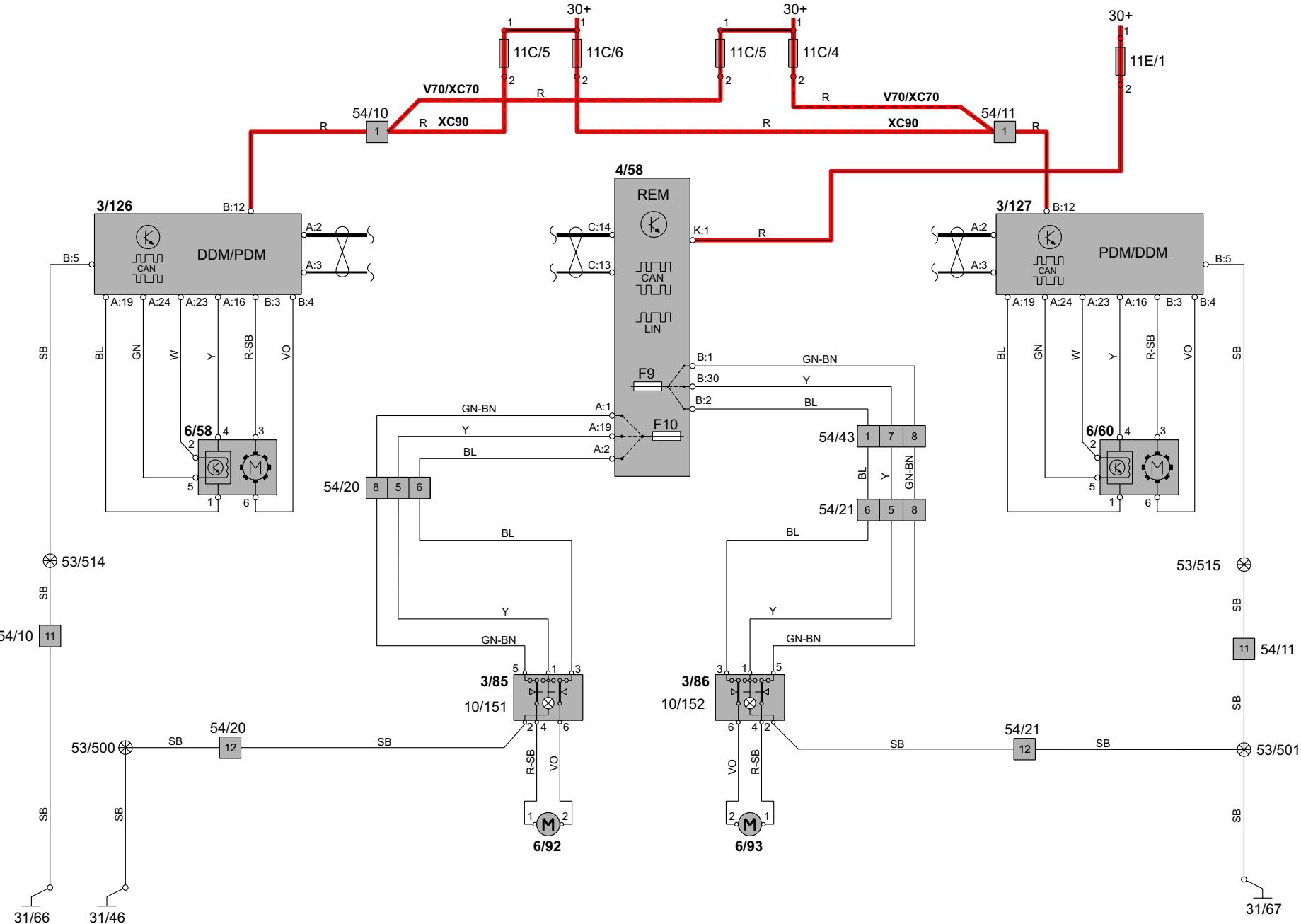
Group 83 Doors and openings

Central locking system XC90



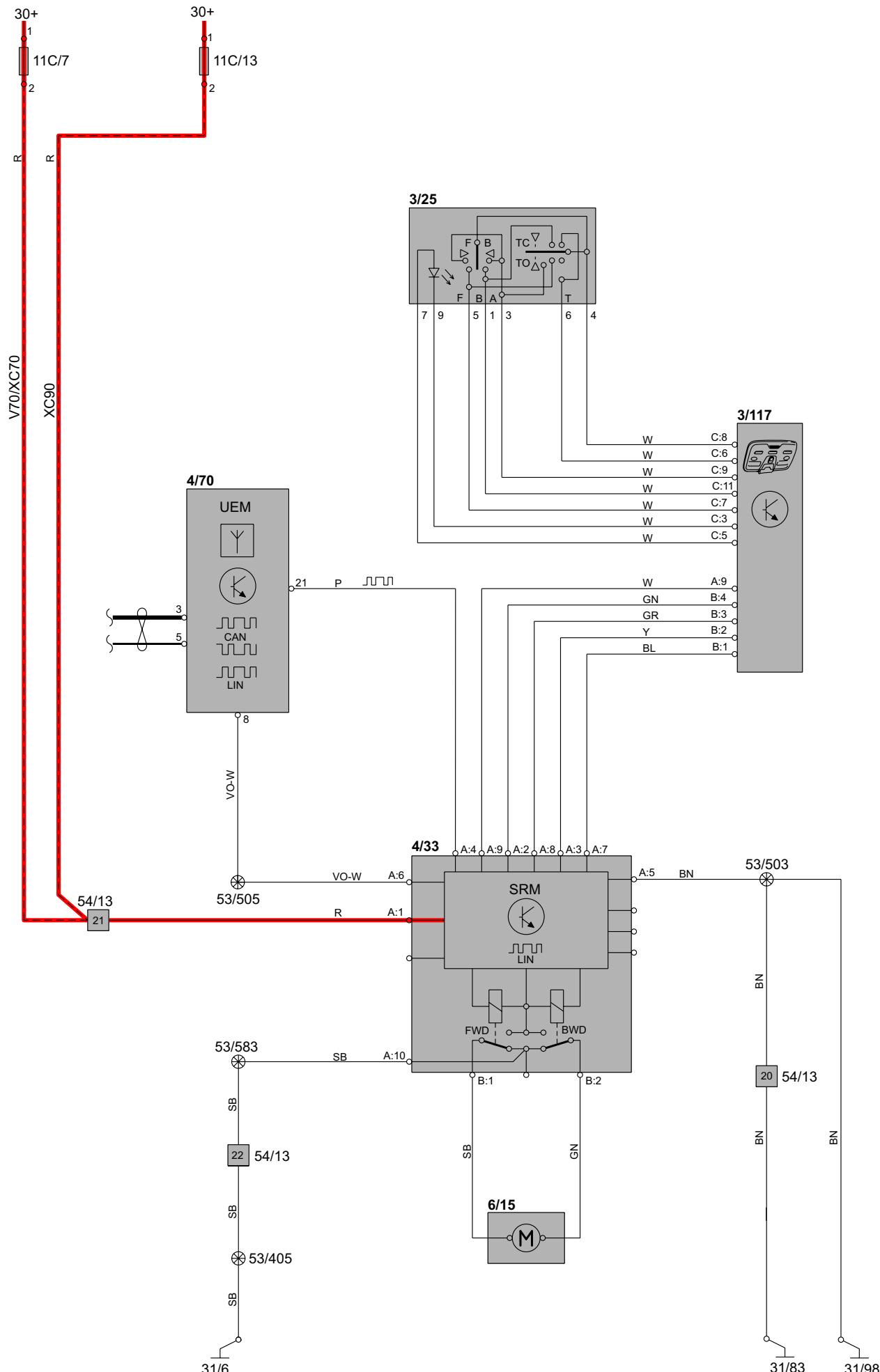
Group 83 Doors and openings

Power windows



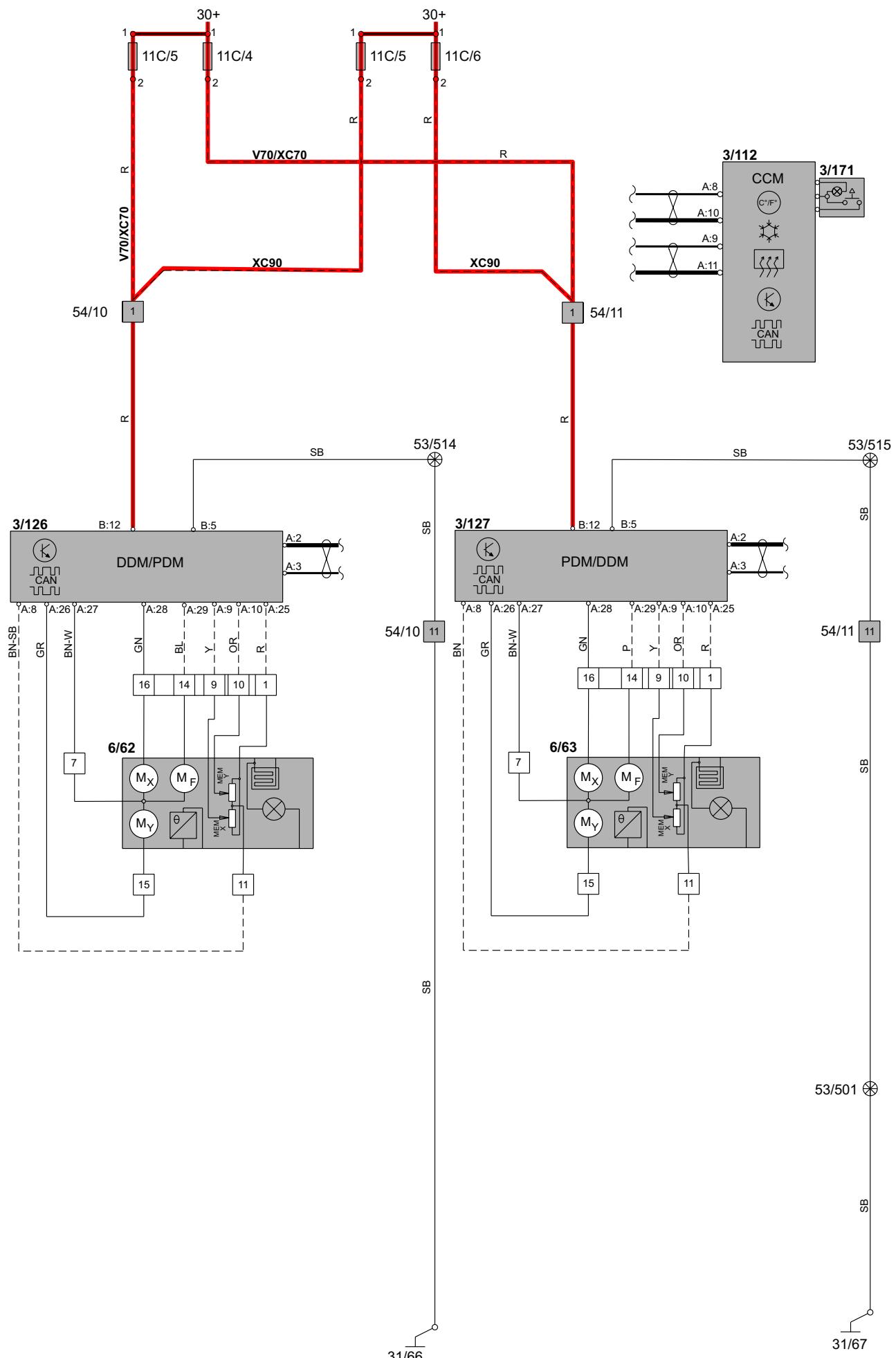
Group 83 Doors and openings

Power sunroof



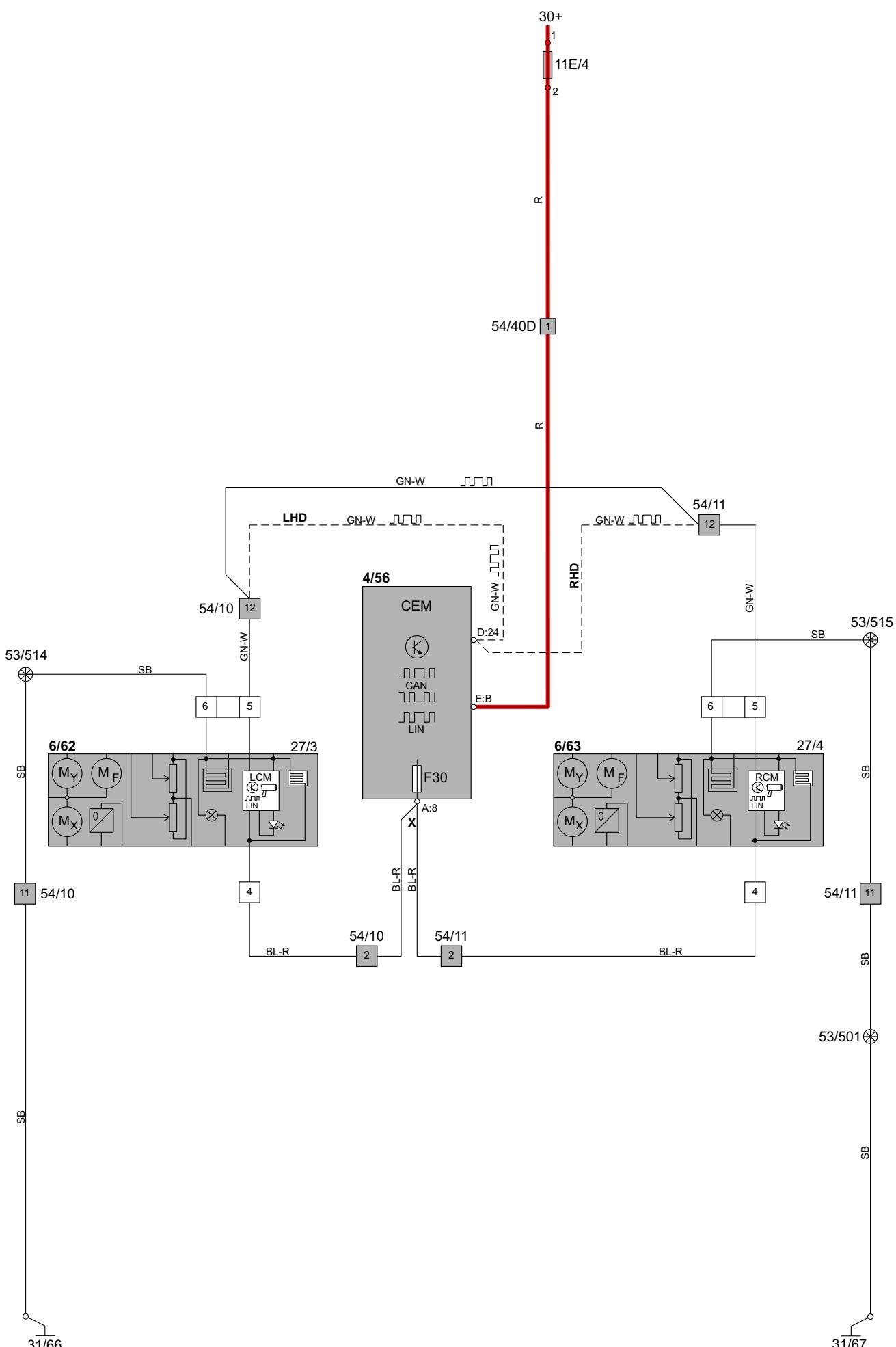
Group 84 Exterior decorative elements, etc.

Power exterior rearview mirrors



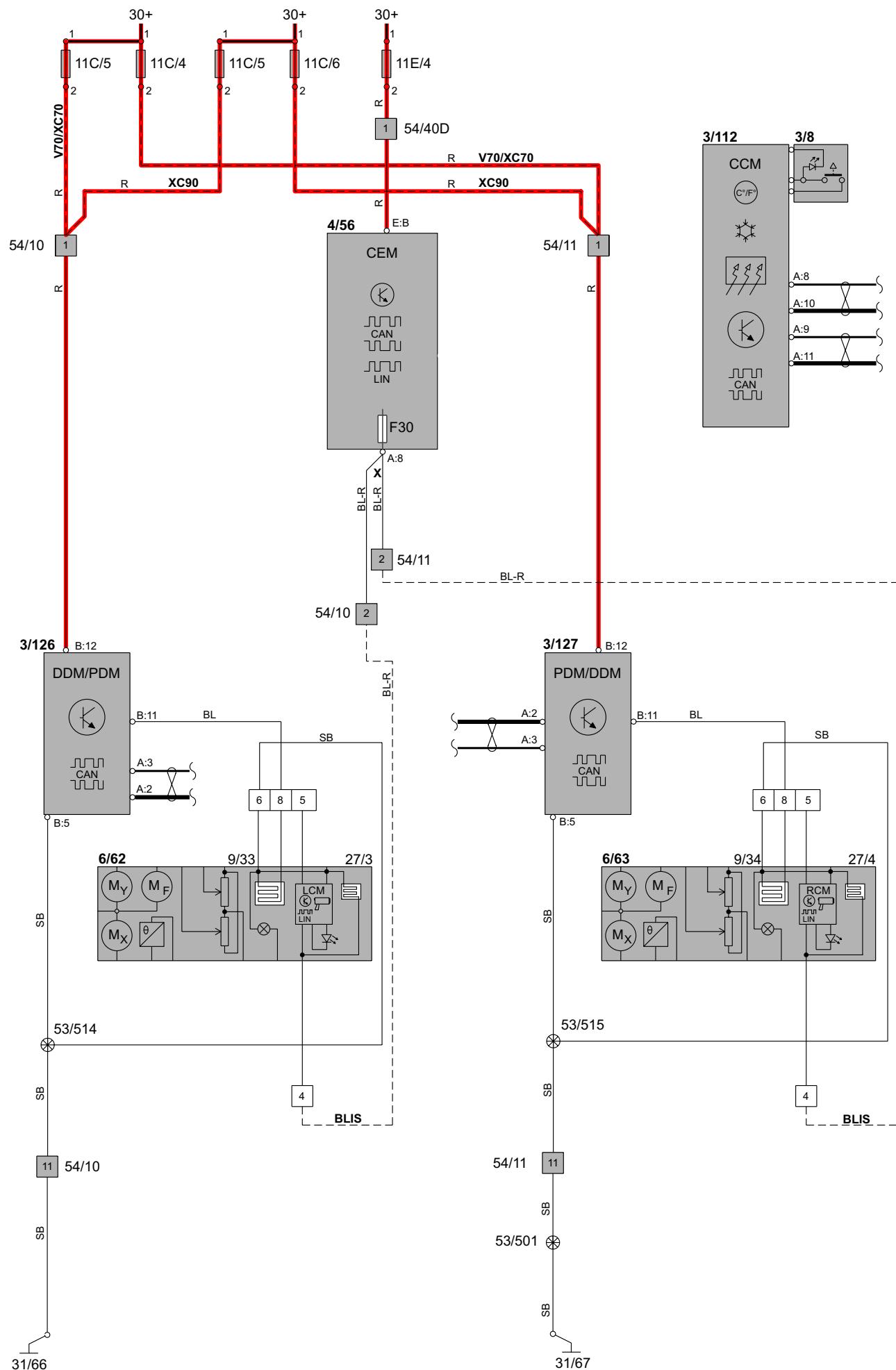
Group 84 Exterior decorative elements, etc.

Heated exterior rearview mirrors with camera function



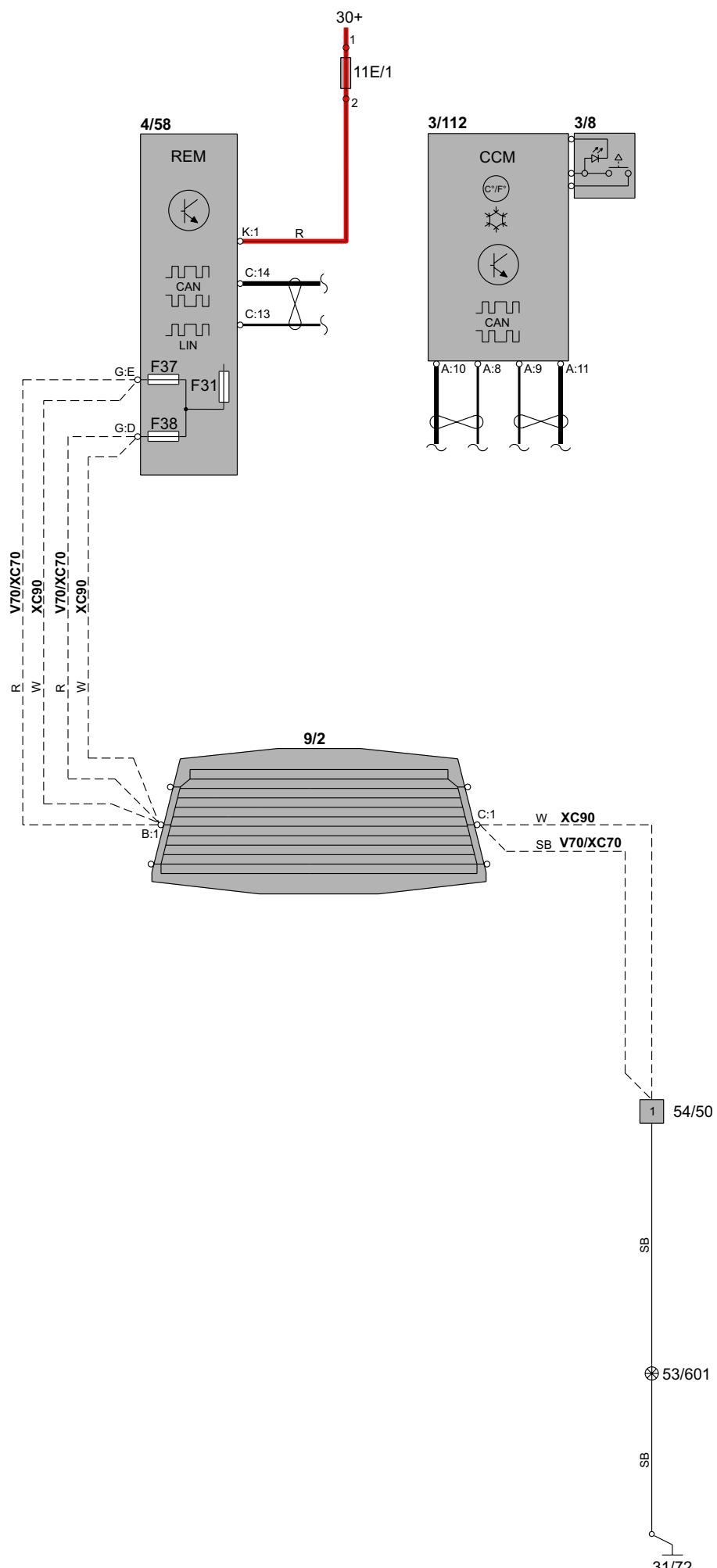
Group 84 Exterior decorative elements, etc.

Heated exterior rearview mirrors



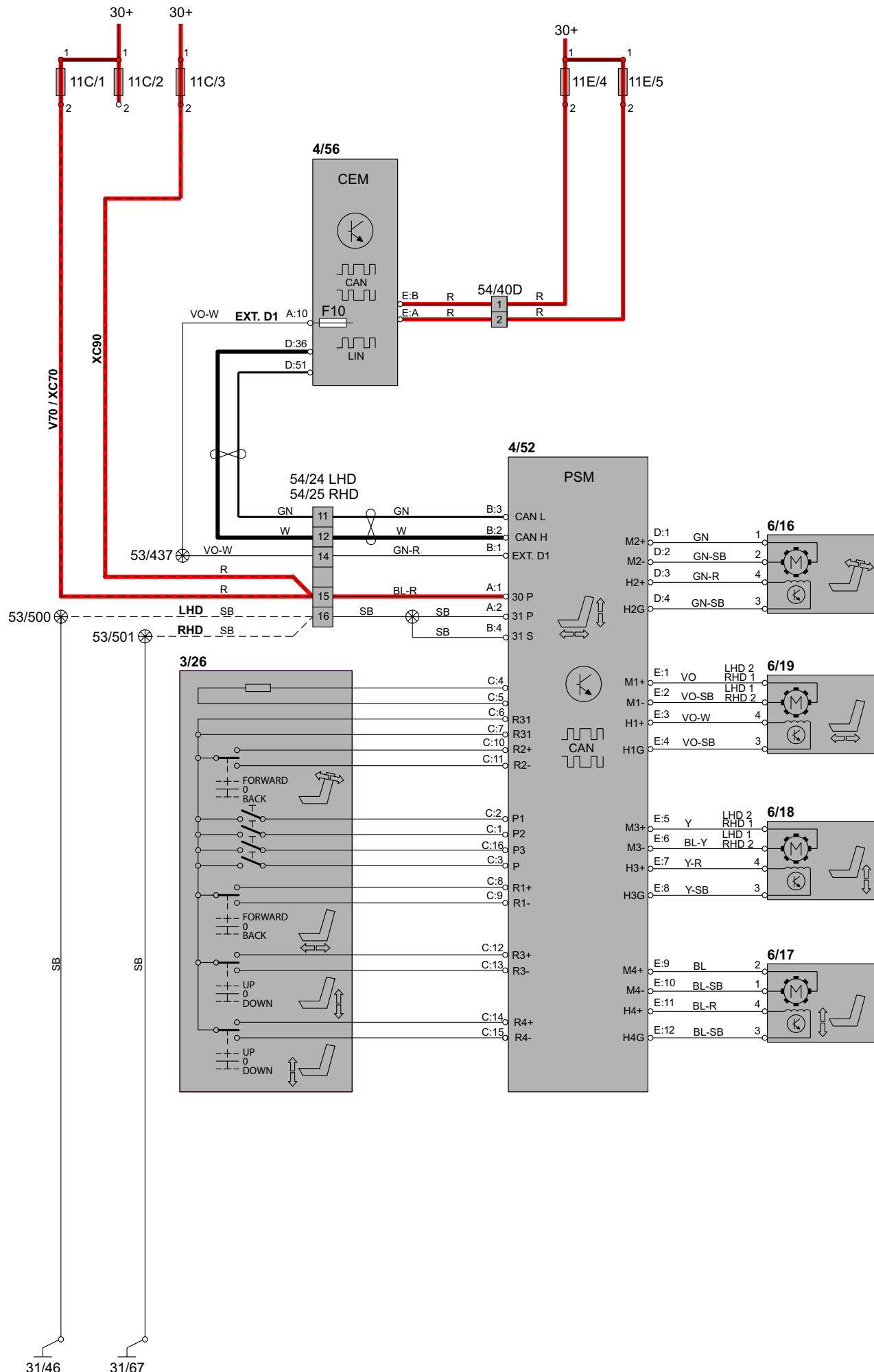
Group 84 Exterior decorative elements, etc.

Heated rear window



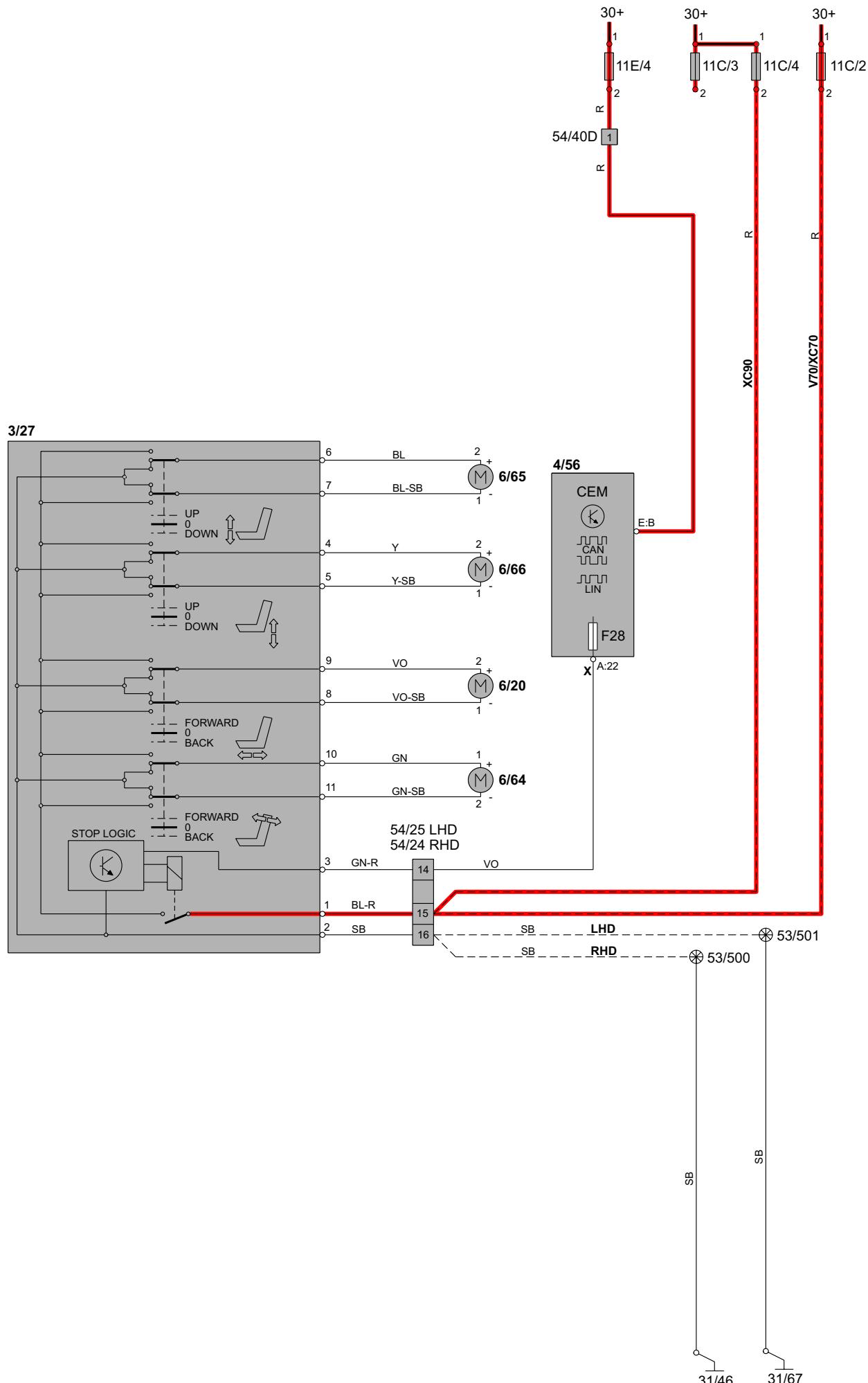
Group 85 Interior equipment

Power driver's seat



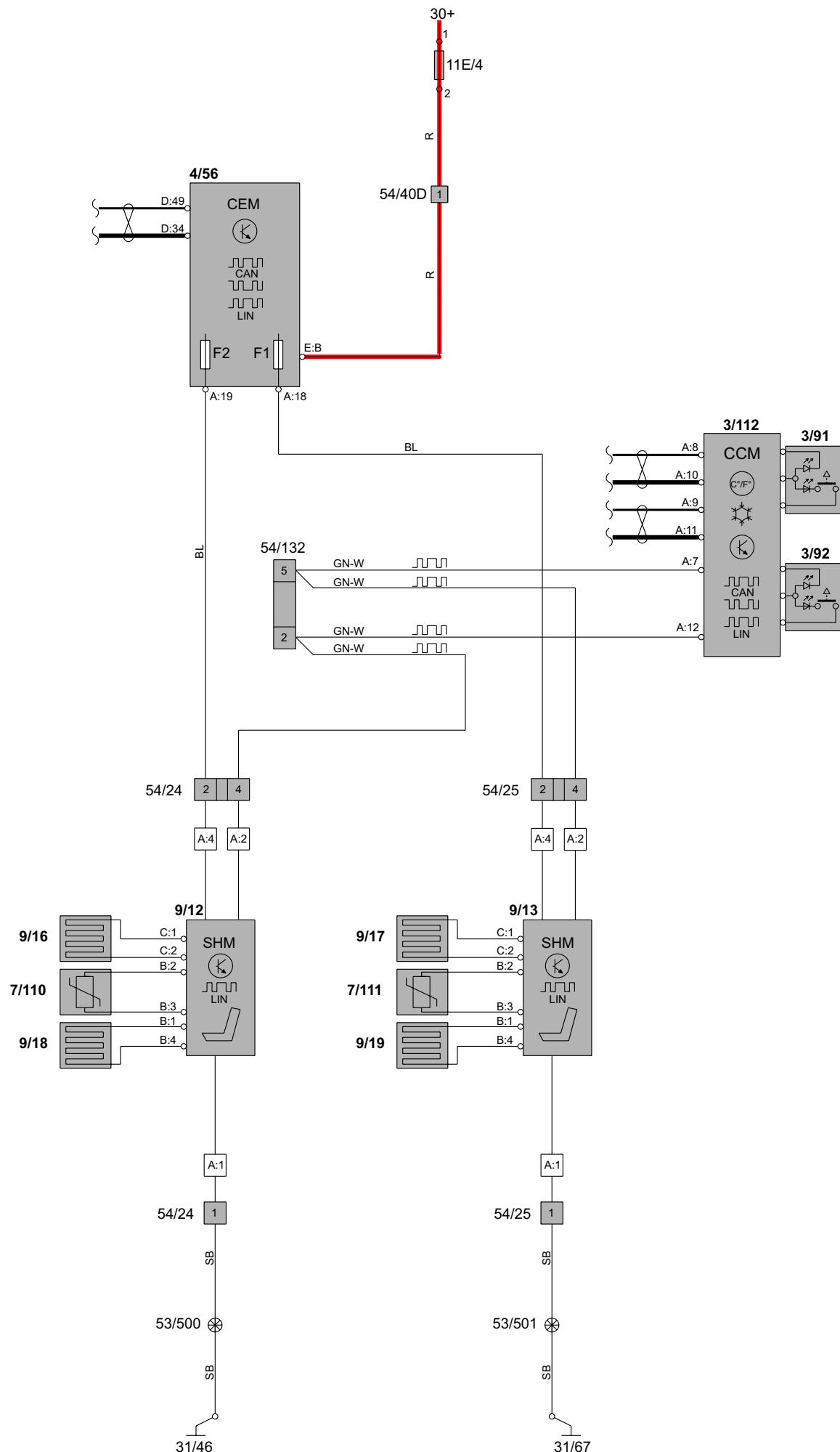
Group 85 Interior equipment

Power passenger seat



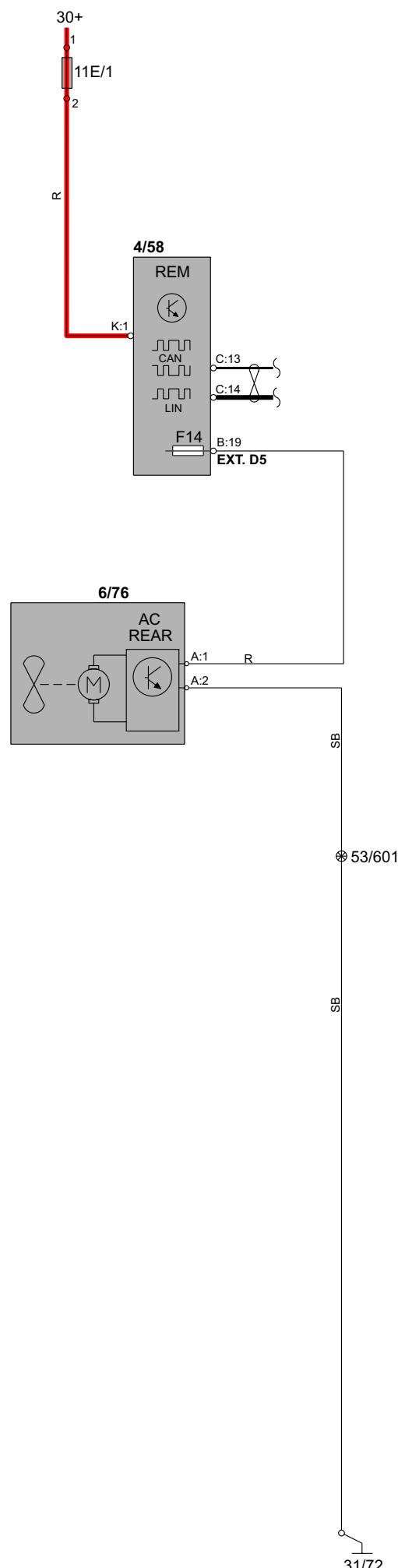
Group 85 Interior equipment

Heated seats



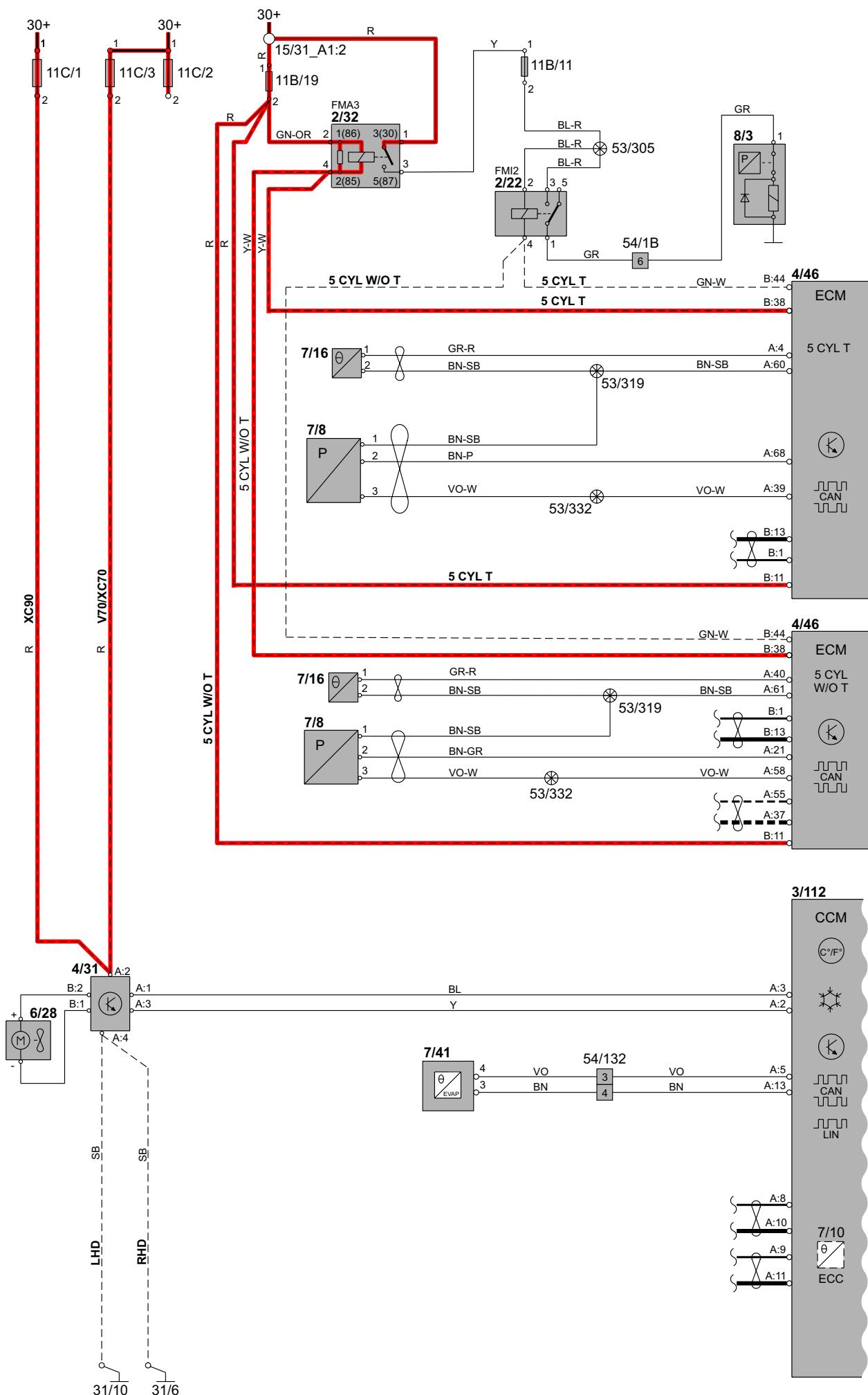
Group 87 Climate control system

Rear climate control system XC90



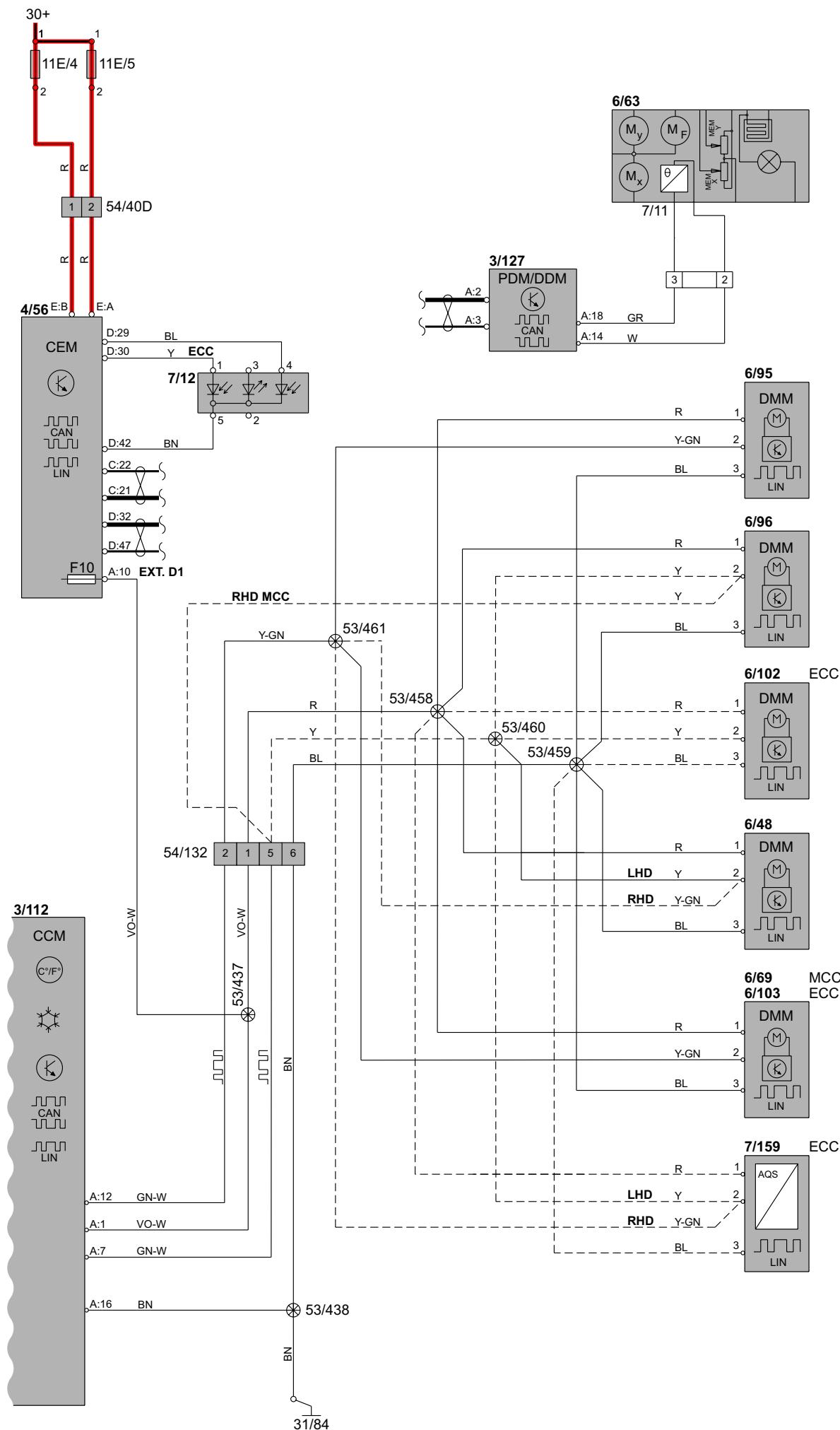
Group 87 Climate control system

Climate control system 1:2



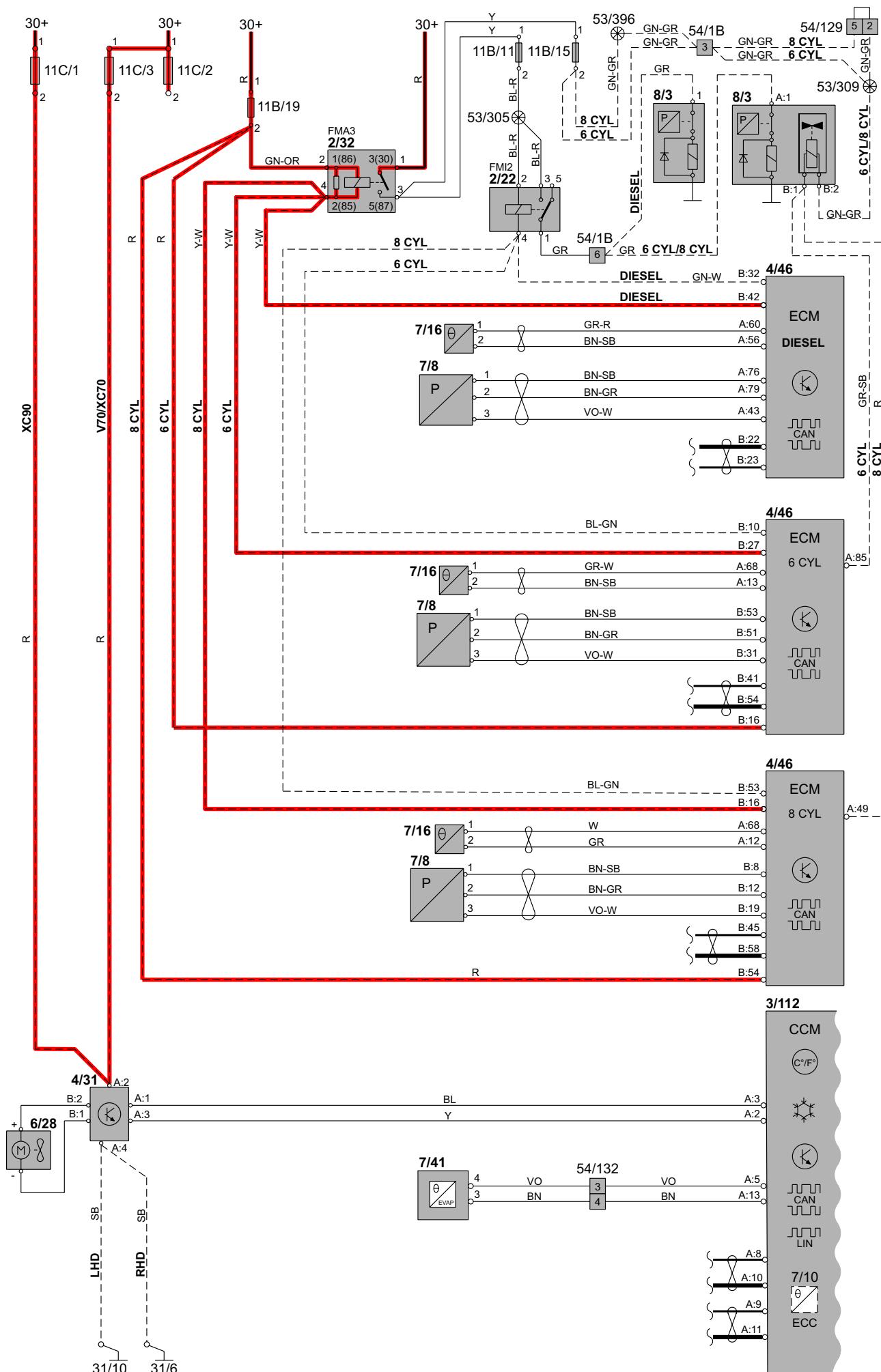
Group 87 Climate control system

Climate control system 2:2



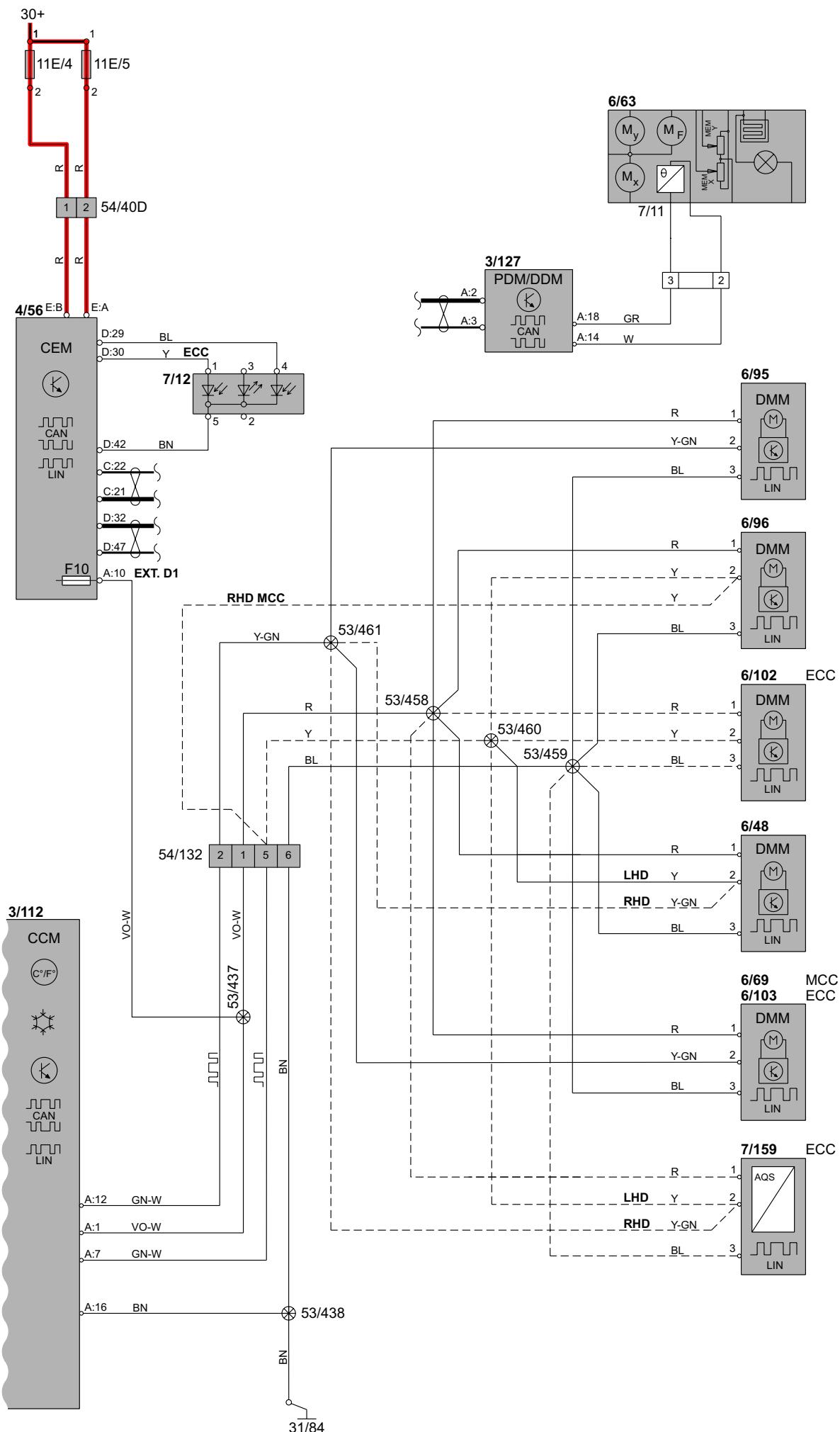
Group 87 Climate control system

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



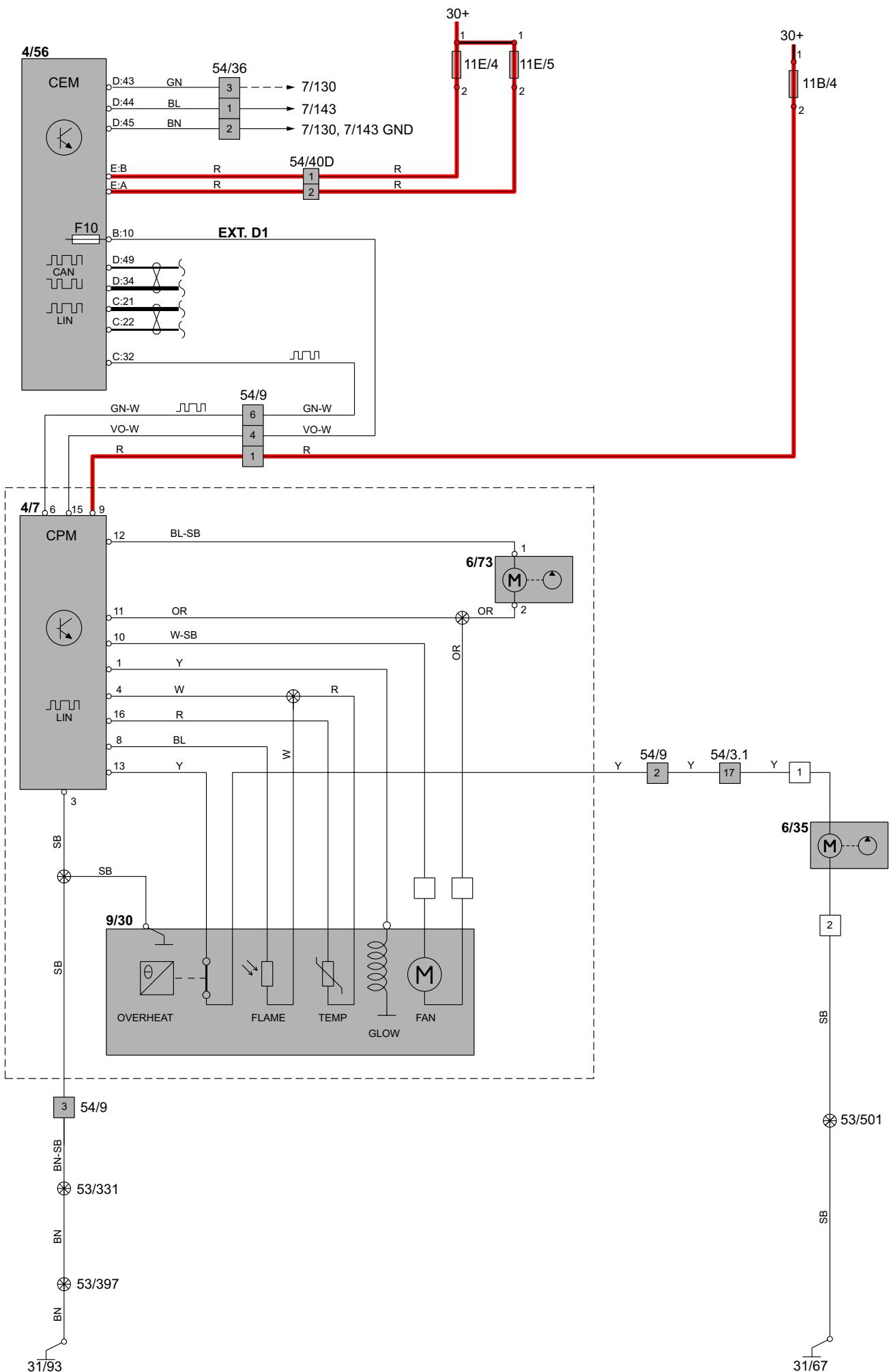
Group 87 Climate control system

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



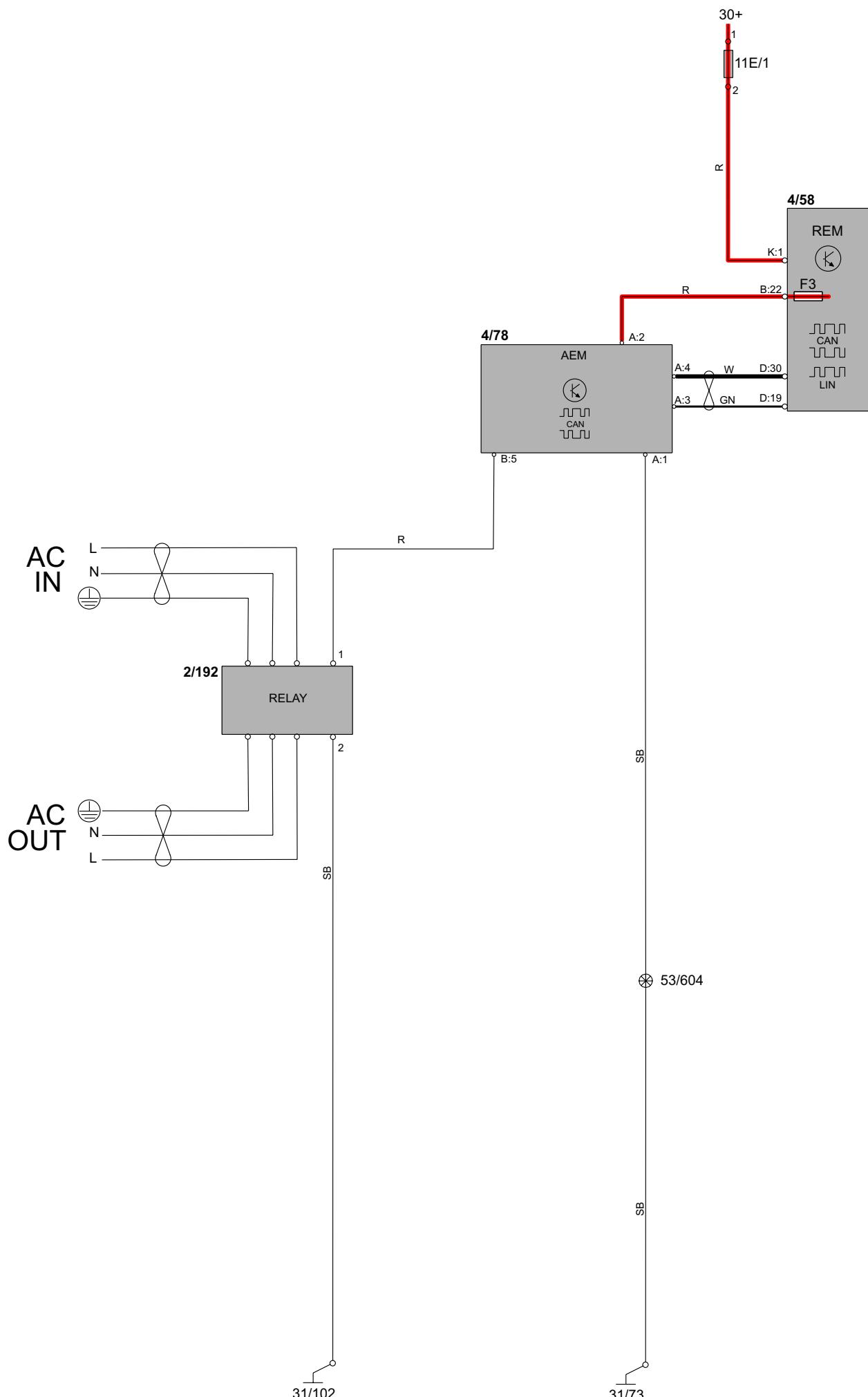
Group 87 Climate control system

Parking heater, auxiliary heater

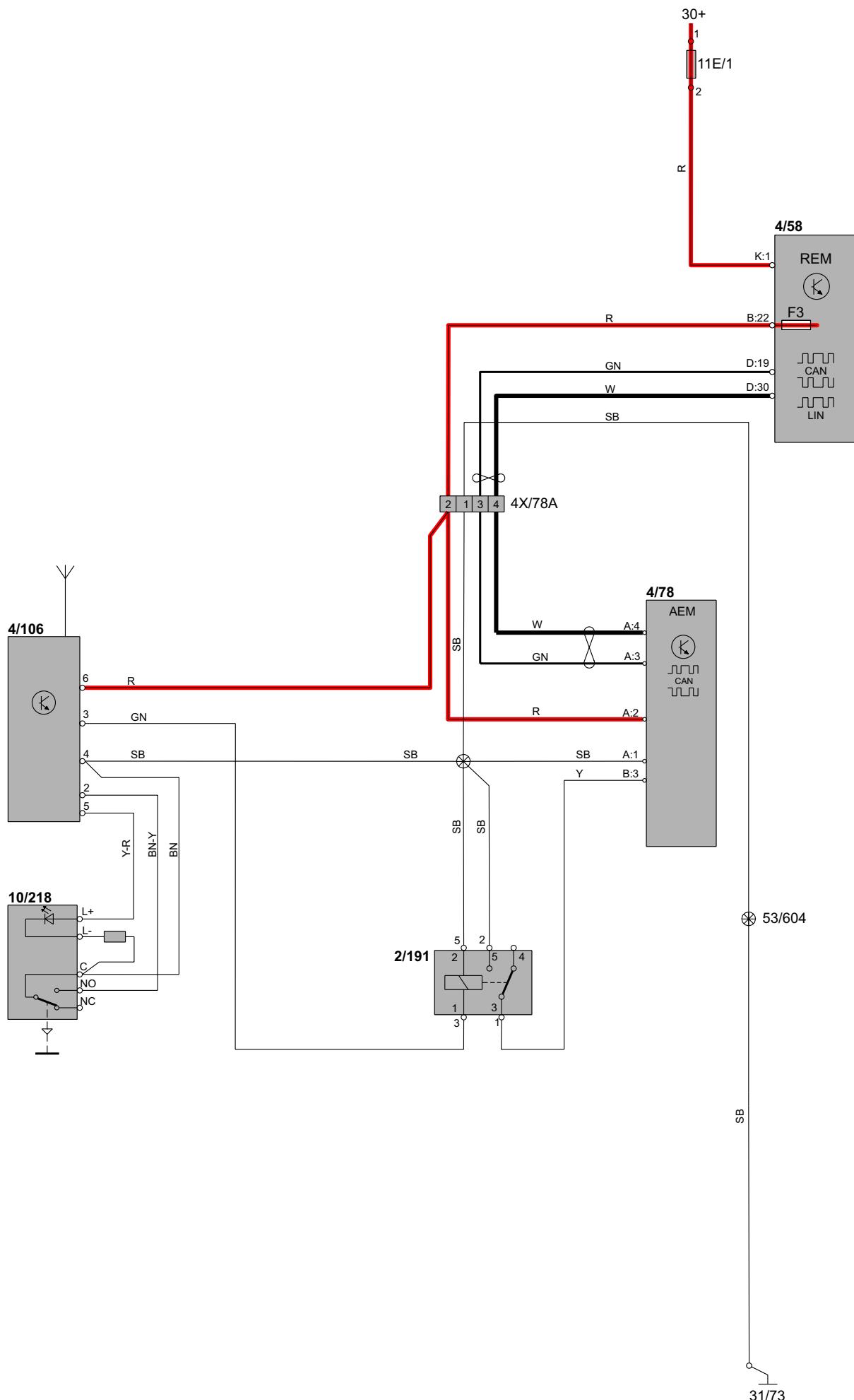


Group 87 Climate control system, Accessories

Relay, electric engine heater

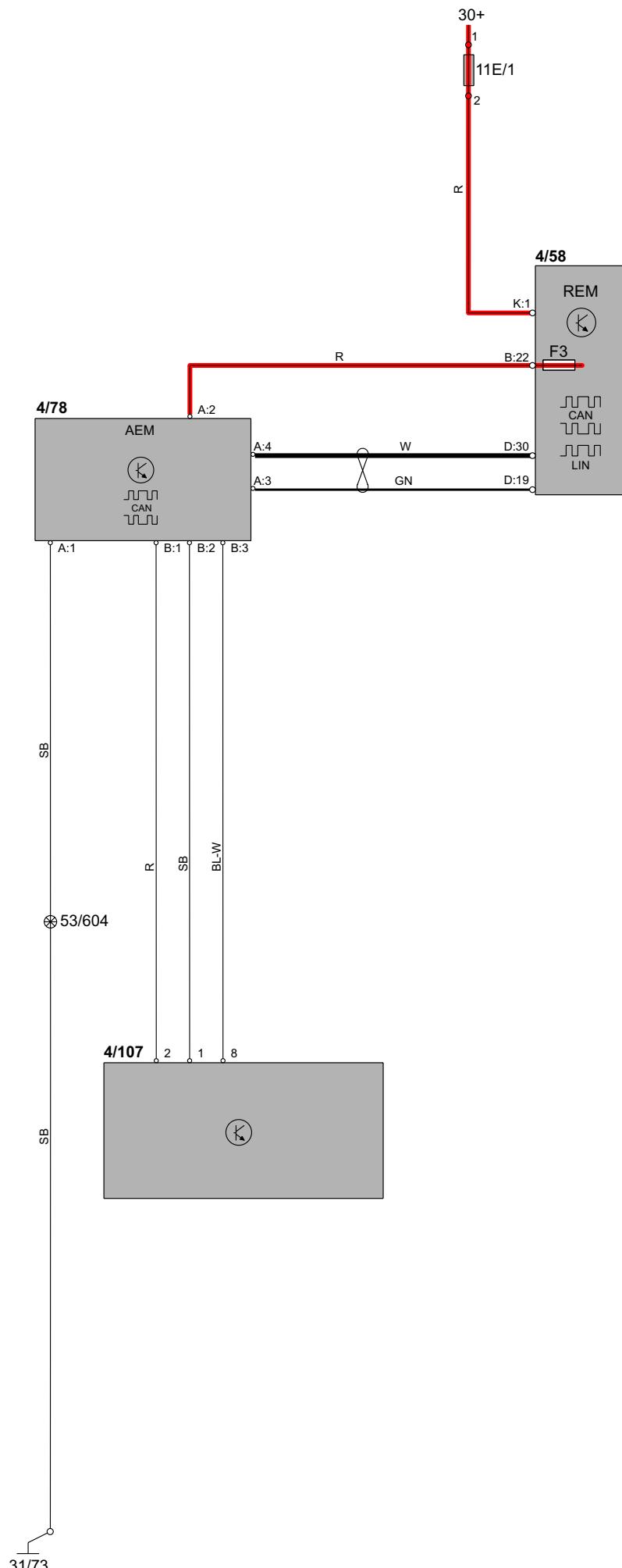


**Group 87 Climate control system, Accessories
Remote parking heater start V70**



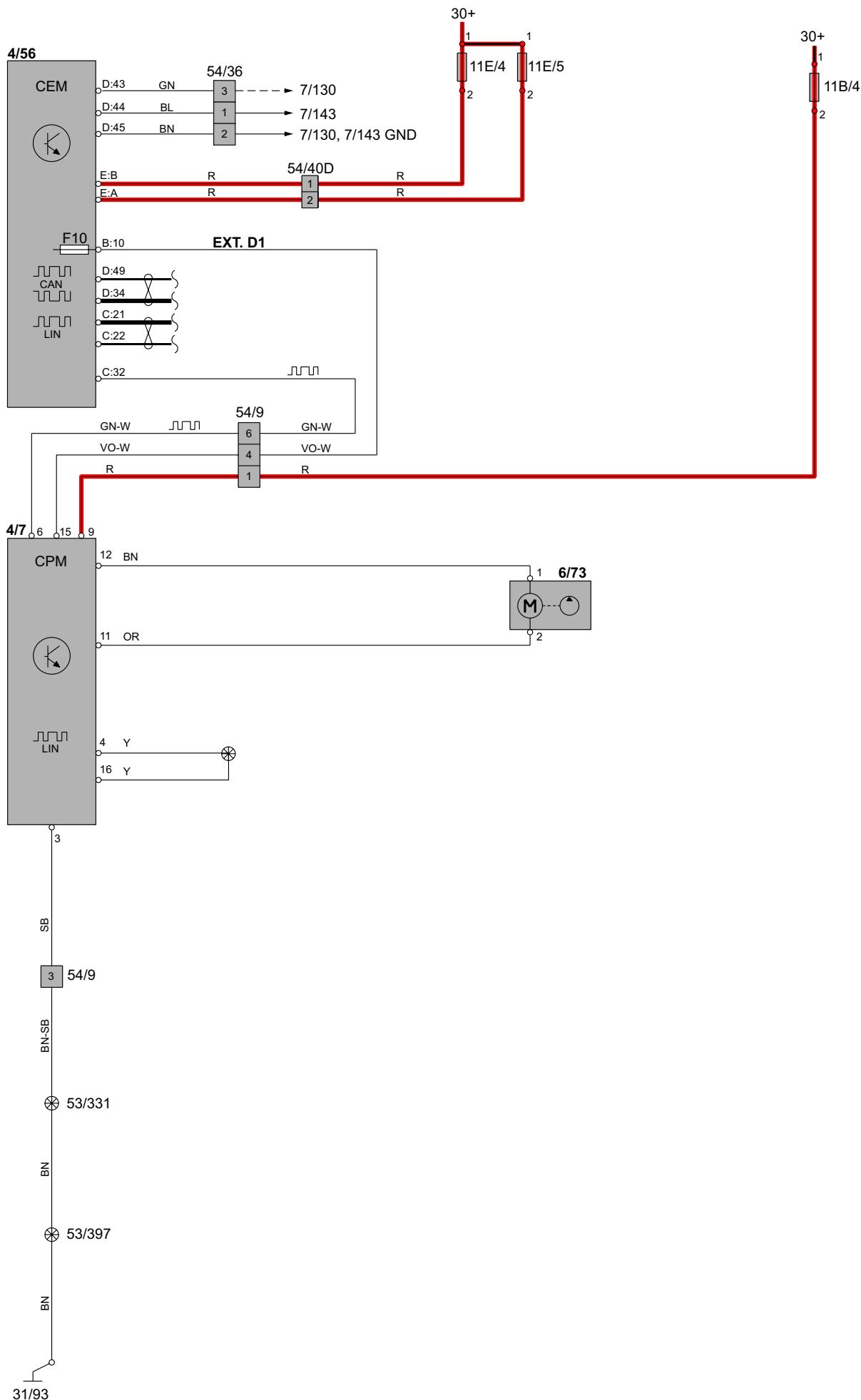
Group 87 Climate control system, Accessories

Parking heater call start V70



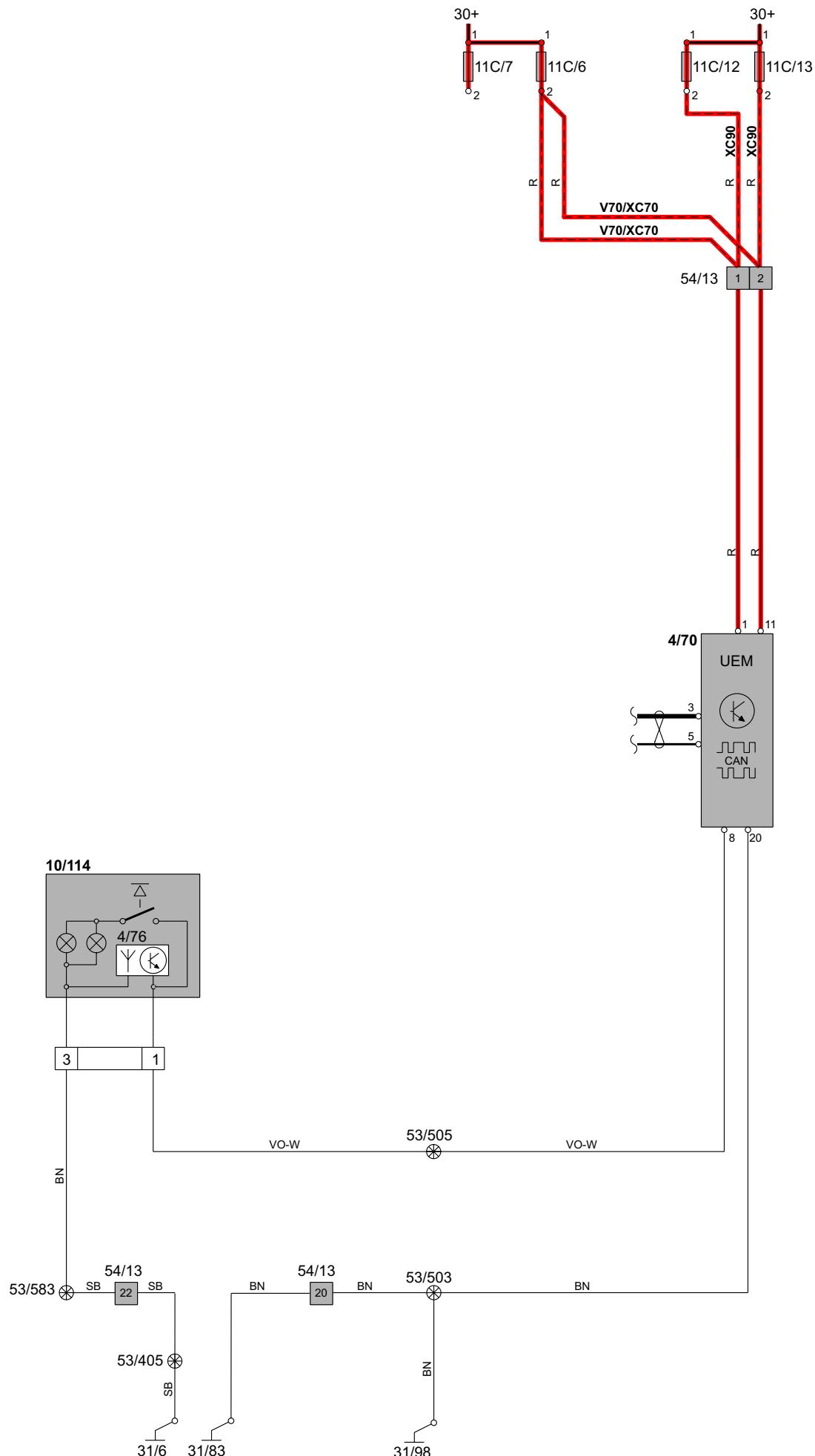
Group 87 Climate control system, Accessories

Auxiliary heater V70



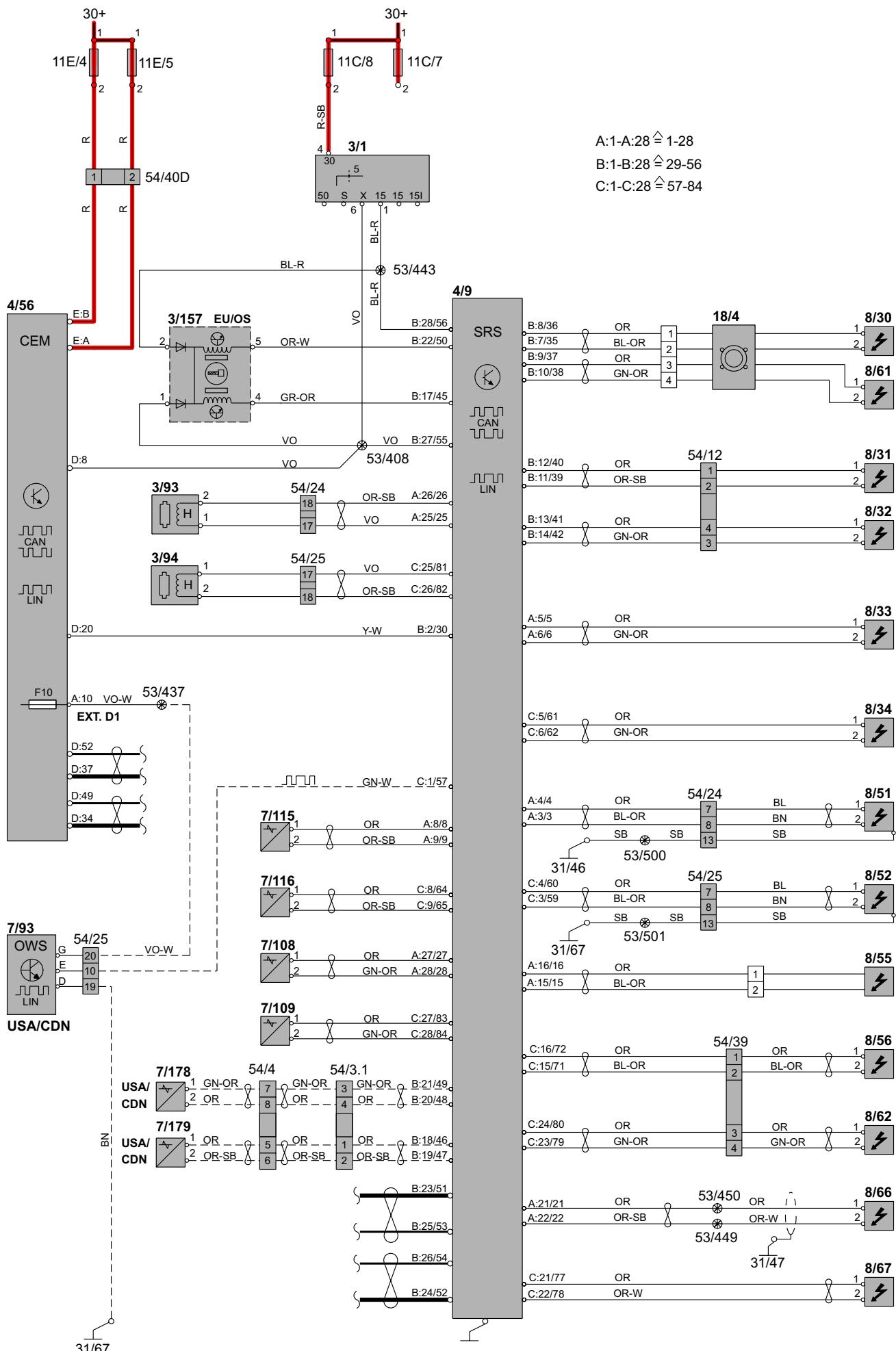
Group 88 Internal equipment

Remote garage door opener

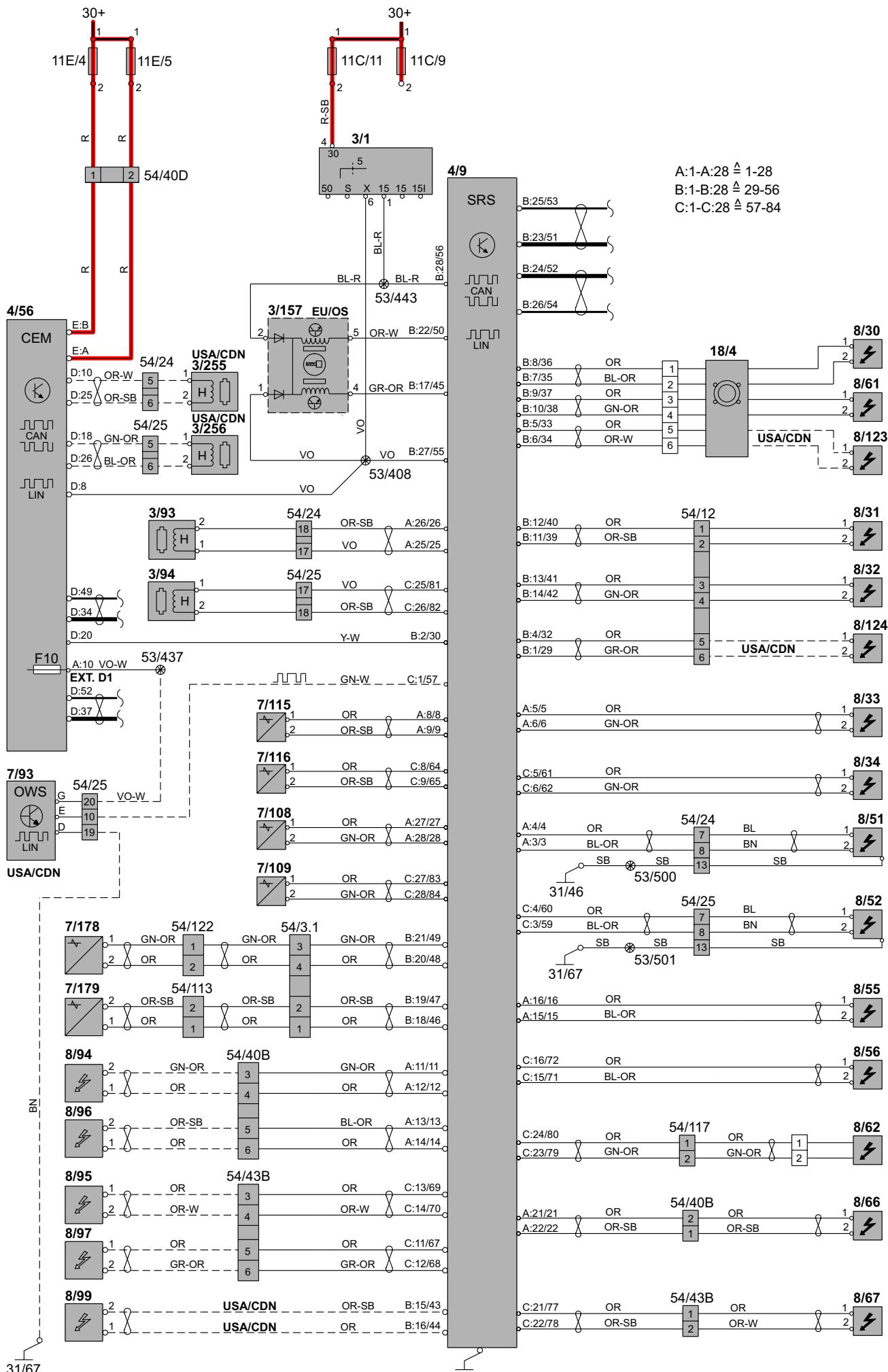


Group 88 Internal equipment

Supplemental Restraint System module (SRS) V70



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



Connectors

54/1B -54/1C

54/1B 14-pin gray

No.	Engine harness			Engine compartment harness		
1	53/303	Branching point	BN	53/397	Branching point	BN
2	53/315 54/99:11	Branching point, 5-cyl. & 6-cyl. Connector, 8-cyl.	GN	11B/12:2	Fuse in engine compartment fuse box	GN
3	53/309 54/129:5 53/335	Branching point, 6-cyl. Connector, 8-cyl. Branching point, Diesel	GN-GR	11B/15:2 53/396	Fuse in engine compartment fuse box Branching point, 8-cyl.	GN-GR
4	53/3002	Branching point	GN-SB	11B/13:2	Fuse in engine compartment fuse box	GN-SB
5	53/328	Branching point	GN-W	11B/10:2	Fuse in engine compartment fuse box	GN-W
6	8/3:1 8/3A:1	Electromagnetic clutch, climate control system, Diesel Electromagnetic clutch, climate control system, 6-cyl. & 8-cyl.	GR	2/22:1	Relay, climate control system	GR
7	7/15:4 53/304	Heated oxygen sensor, Diesel Branching point	GN-BN	11B/14:2	Fuse in engine compartment fuse box	GN-BN
8	6/25:2	Starter motor	GN-R	2/35:3	Relay, starter motor	GN-R
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	6/26B:1	Alternator Control Module (ACM)	GN-W	4/56C:16	Central Electronic Module (CEM)	GN-W
13	4/71:4	Cooling fan control module	VO	4/46A:7	Engine Control Module (ECM)	VO
14	4/46A:73 4/50:6 53/314	Engine Control Module (ECM) Electronic Throttle Module (ETM) Branching point	GN-SB GN	11B/13:2	Fuse in engine compartment fuse box	GN-SB

54/1C 2-pin gray

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

Connectors

54/3.1:1-17

54/3.1

36-pin gray

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

continues

Connectors

54/3.1:18-36

54/3.1

36-pin gray

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

Connectors

54/3.2 - 54/7

54/3.2

6-pin gray, LHD

No.	Passenger compartment harness		Engine compartment harness		
1	54/34:1	Connector	GN-GR	11B/15:2 53/396	Fuse in engine compartment fuse box Branching point, 8-cyl.
2	54/34:2	Connector	GN-R	4/46B:23 4/46B:34 4/46B:45	Engine Control Module (ECM), 8-cyl. Engine Control Module (ECM) Engine Control Module (ECM), 6-cyl.
3	54/34:3	Connector	GN	4/46B:40 4/46B:46 4/46B:48	Engine Control Module (ECM) Engine Control Module (ECM), 6-cyl. Engine Control Module (ECM), 8-cyl.
4	54/34:4	Connector	BL-SB	4/46B:7 4/46B:23 4/46B:33	Engine Control Module (ECM) Engine Control Module (ECM), 6-cyl. Engine Control Module (ECM), 8-cyl.
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
2	4/56B:15	Central Electronic Module (CEM)	R-SB	16/11:1	Horn 2
3	54/3.1:14	Connector	Y	3/62:1	Hood alarm contact
4	53/331	Branching point	SB	53/382	Branching point
5	54/3.1:1	Connector	OR	7/179:1	Front impact sensor, left
6	54/3.1:2	Connector	OR-SB	7/179:2	Front impact sensor, left
7	54/3.1:3	Connector	GN-OR	7/178:1	Front impact sensor, right
8	54/3.1:4	Connector	OR	7/178:2	Front impact sensor, right

54/7

3-pin gray, V70

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

Connectors

54/8 - 54/10:1-8

54/8

2-pin gray

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

54/9

6-pin gray

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

54/10

12-pin black

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

continues

Connectors

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

54/10

12-pin black

No.	Passenger compartment harness			Front left door harness		
9	16/1A:5 16/1B:1 54/14:1 16/105B:9 16X/105B:9	Integrated Audio Module (IAM) Audio Module (AUM), V70 Connector, V70 Audio Module (AUD), XC90 Connector interface, original car, V70	GR GR-R	16/4:1	Left-hand front door speaker	GR-R
10	16/1A:12 16/1B:2 54/14:2 16/105B:1 16X/105B:1	Integrated Audio Module (IAM) Audio Module (AUM), V70 Connector, V70 Audio Module (AUD), XC90 Connector interface, original car, V70	GR-R 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

54/11

12-pin black

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

Connectors

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

54/11

12-pin black

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

54/12

4-pin orange, V70

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

Connectors

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

54/12

6-pin orange, XC90

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

54/13

22-pin black

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

Connectors

54/13:14-22 - 54/14

54/13

22-pin black

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

54/14

12-pin gray, V70

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

Connectors

54/16 - 54/20

54/16

5-pin green

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

54/20

12-pin black

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

Connectors

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

54/21

12-pin black

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

54/22

12-pin black, V70

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

continues

Connectors

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

54/22

12-pin black, V70

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

54/22

10-pin black, XC90

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

Connectors

54/23 V70

54/23

12-pin black, V70

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

Connectors

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

54/23

10-pin black, XC90

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

54/24

20-pin black

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

continues

Connectors

54/24:5-20

54/24

20-pin black

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

Connectors

54/25:1-14

54/25

20-pin black

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

Connectors

54/25:15-20 - 54/32

54/25

20-pin black

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

54/32

3-pin gray

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

Connectors

54/34 - 54/36

54/34

4-pin gray

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

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
4	53/604	Branching point	SB	8/85:2	Thermostatic switch and fuel filter heating

54/36

6-pin gray

No.	Passenger compartment harness		Fuel tank/cargo compartment harness		
1	4/56D:44	Central Electronic Module (CEM)	BL	6/33:4 6/33:A 6/33:P	Fuel pump Fuel pump Fuel pump
2	4/56D:45	Central Electronic Module (CEM)	BN	6/33:3 6/33:B 6/33	Fuel pump Fuel pump Fuel pump
3	4/56D:43	Central Electronic Module (CEM)	GN	6/33:2 6/33:E	Fuel pump Fuel pump
4	31/48	Ground connection	SB	53/579 4/83:3 6/33	Branching point Control module fuel pump Fuel pump
5	4/56A:16	Central Electronic Module (CEM)	BL	53/578 4/83:2 6/33	Branching point Control module fuel pump Fuel pump
6	54/3.1:8	Connector	Y	4/83:1	Control module fuel pump

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
2	4/9C:15/71	Supplemental Restraint System module (SRS)	BL-OR	8/56:2	Igniter, right rear belt tensioner
3	4/9C:24/80	Supplemental Restraint System module (SRS)	OR	8/62:1	Belt tensioner igniter, center rear seat
4	4/9C:23/79	Supplemental Restraint System module (SRS)	GN-OR	8/62:2	Belt tensioner igniter, center rear seat

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
2	4/9A:21/21	Supplemental Restraint System module (SRS)	OR	8/66:1	Igniter, left inflatable curtain
3	4/9A:11/11	Supplemental Restraint System module (SRS)	GN-OR	8/94:2	Left-hand belt tensioner igniter, third row of seats
4	4/9A:12/12	Supplemental Restraint System module (SRS)	OR	8/94:1	Left-hand belt tensioner igniter, third row of seats
5	4/9A:13/13	Supplemental Restraint System module (SRS)	BL-OR	8/96:2	Left-hand inflatable curtain igniter, third row of seats
6	4/9A:14/14	Supplemental Restraint System module (SRS)	OR	8/96:1	Left-hand inflatable curtain igniter, third row of seats
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
2	53/403	Branching point	R	11E/7:2	Main fuses at battery

Connectors

54/40D - 54/43

54/40D 2-pin black

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

54/43 14-pin gray

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

Connectors

54/43B XC90 - 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
2	4/9C:22/78	Supplemental Restraint System module (SRS)	OR-SB	8/67:2	Igniter, right inflatable curtain
3	4/9C:13/69	Supplemental Restraint System module (SRS)	OR	8/95:1	Right-hand belt tensioner igniter, third row of seats
4	4/9C:14/70	Supplemental Restraint System module (SRS)	OR-W	8/95:2	Right-hand belt tensioner igniter, third row of seats
5	4/9C:11/67	Supplemental Restraint System module (SRS)	OR	8/97:1	Right-hand inflatable curtain igniter, third row of seats
6	4/9C:12/68	Supplemental Restraint System module (SRS)	GR-OR	8/97:2	Right-hand inflatable curtain igniter, third row of seats
7-8	-	-	-	-	-

54/50

2-pin gray

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

54/53

4-pin gray

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

Connectors

54/54 - 54/56

54/54

8-pin gray, V70

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

54/55

3-pin black, RHD

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

54/56

3-pin black, RHD

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

Connectors

54/57.1 - 54/74

54/57.1

8-pin gray, Diesel

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

54/66.1

2-pin gray, XC90

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

54/66.2

2-pin black, XC90

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

54/74

4-pin yellow

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

Connectors

54/98 - 54/106 V70

54/98

5-pin green, XC90

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

54/100

2-pin black

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

54/106

4-pin gray, V70

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

Connectors

54/107 V70 - 54/112

54/107

10-pin gray, V70

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

54/112

4-pin gray, XC90

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

Connectors

54/113 - 54/132

54/113 2-pin black, XC90

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

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
2	4/9C:23/79	Supplemental Restraint System module (SRS)	GN-OR	8/62:2	Belt tensioner igniter, center rear seat

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
2	54/3.1:4	Connector	OR	7/178:2	Front impact sensor, right

54/132 6-pin gray

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

Connectors

54/137A V70 - 54/274

54/137A

3-pin gray, V70

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

54/137A

3-pin gray, XC90

No.	Cargo compartment harness			RSE cabin harness		
1	10/18A:4	Lamp housing, rear left	BL	54/1401:5	Connector	BL
2	11M/2:2	Fuse in spare fuse holder, cargo compartment	VO	53/1403	Branching point	VO
3	11M/1:2	Fuse in spare fuse holder, cargo compartment	R	54/1401:13	Connector	R

54/274

12-pin gray

No.	RSE cabin harness		RSE left backrest harness		
1	54/1401:9	Connector, V70	SB	54/276:1	Connector
	54/1401:7	Connector, XC90			SB
2	54/1402:9	Connector	R-W	54/276:2	Connector
3	54/1402:8	Connector	VO-GR	54/276:3	Connector
4	54/1402:7	Connector	GN	54/276:4	Connector
5	54/1402:6	Connector	W	54/276:5	Connector
6	54/1402:10	Connector	-	54/276:6	Connector
7	54/1402:22	Connector	P	54/276:7	Connector
8	54/1402:21	Connector	GR	54/276:8	Connector
9	54/1402:20	Connector	Y	54/276:9	Connector
10	54/1402:19	Connector	GN	54/276:10	Connector
11	54/1402:18	Connector	BN	54/276:11	Connector
12	54/1402:17	Connector	W	54/276:12	Connector
					W

Connectors

54/275 - 54/1300

54/275 12-pin gray

No.	RSE cabin harness		RSE right backrest harness	
1	54/1401:10 Connector, V70 54/1401:8 Connector, XC90	SB	54/277:1 Connector	SB
2	54/1402:2 Connector	R-W	54/277:2 Connector	R-W
3	54/1402:3 Connector	VO-GR	54/277:3 Connector	VO-GR
4	54/1402:4 Connector	GN	54/277:4 Connector	GN
5	54/1402:5 Connector	W	54/277:5 Connector	W
6	54/1402:1 Connector	-	54/277:6 Connector	-
7	54/1402:11 Connector	P	54/277:7 Connector	P
8	54/1402:12 Connector	GR	54/277:8 Connector	GR
9	54/1402:13 Connector	Y	54/277:9 Connector	Y
10	54/1402:14 Connector	GN	54/277:10 Connector	GN
11	54/1402:15 Connector	BN	54/277:11 Connector	BN
12	54/1402:16 Connector	W	54/277:12 Connector	W

54/1300 6-pin gray

No.	PAM harness, engine compartment		PAM harness, bumper		
1	54/1400:1 Connector	BL	53/1300	Branching point	BL
2	54/1400:2 Connector	GN	7/207:2	Front parking assistance sensor 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	53/1300	Branching point	SB

Connectors

54/1400 - 54/1401 V70

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
2	4/86B:8	Parking Assistance Module (PAM)	GN	54/1300:2 Connector
3	4/86B:7	Parking Assistance Module (PAM)	VO	54/1300:3 Connector
4	4/86B:6	Parking Assistance Module (PAM)	Y	54/1300:4 Connector
5	4/86B:5	Parking Assistance Module (PAM)	W	54/1300:5 Connector
6	4/86B:1	Parking Assistance Module (PAM)	SB	54/1300:6 Connector

54/1401

10-pin gray, V70

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

Connectors

54/1401 XC90

54/1401 16-pin blue, XC90

No.	RSE cabin harness		RSE tunnel harness		
1	16/105B:12	Audio Module (AUD)	R	16/122:13	Rear Audio Separation module (RAS)
2	16/105B:4	Audio Module (AUD)	SB	16/122:14	Rear Audio Separation module (RAS)
3	16/105B:13	Audio Module (AUD)	SB-W	16/122:16	Rear Audio Separation module (RAS)
4	16/105B:5	Audio Module (AUD)	R-W	16/122:15	Rear Audio Separation module (RAS)
5	54/137A:1	Connector	BL	16/122:2	Rear Audio Separation module (RAS)
6	-		-	-	-
7	54/274:1	Connector	SB	16/82E:12	DVD player/control module
8	54/275:1	Connector	SB	16/82E:24	DVD player/control module
9	16X/105B:12	Connector interface, original car	GN	16/122:5	Rear Audio Separation module (RAS)
10	16X/105B:4	Connector interface, original car	BL	16/122:6	Rear Audio Separation module (RAS)
11	16X/105B:13	Connector interface, original car	GN-W	16/122:8	Rear Audio Separation module (RAS)
12	16X/105B:5	Connector interface, original car	BL-W	16/122:7	Rear Audio Separation module (RAS)
13	54/137A:3	Connector	R	53/1402	Branching point
14	53/1400	Branching point	SB	53/1401	Branching point
15	53/1403	Branching point	VO	16/82A:7	DVD player/control module
16	53/1403	Branching point	VO	16/82A:6	DVD player/control module
					W

Connectors

54/1402

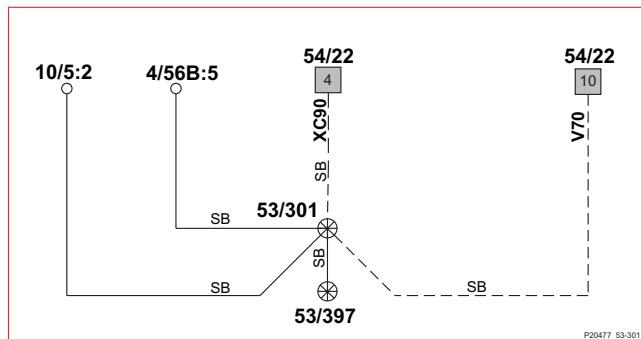
54/1402 22-pin green

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

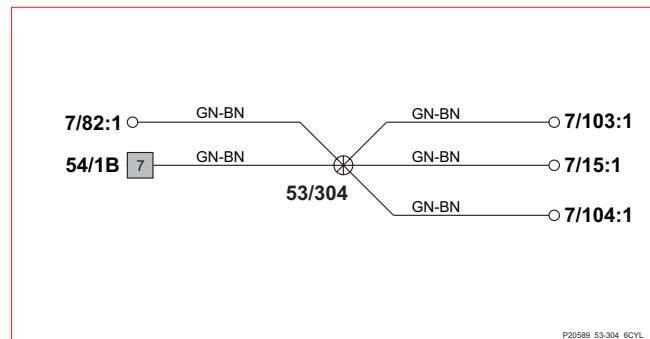
Branching points

53/301 - 53/309 6-cyl.

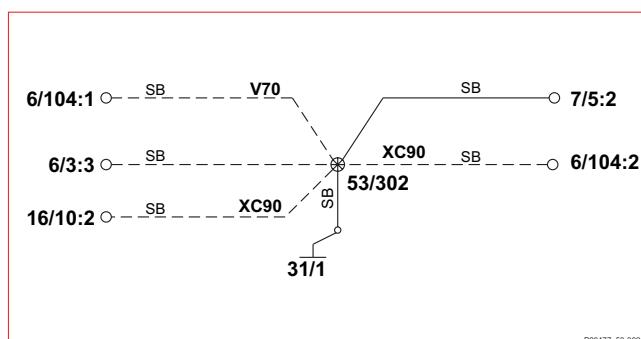
53/301



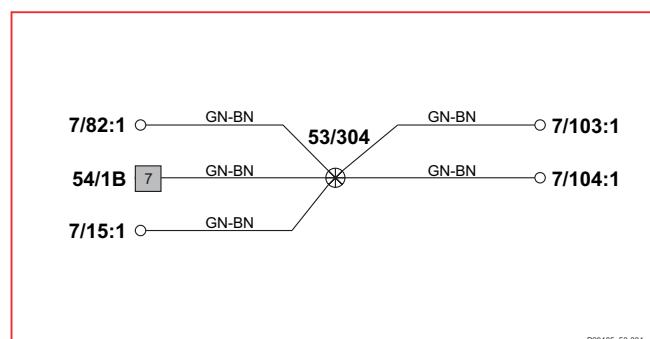
53/304 6-cyl.



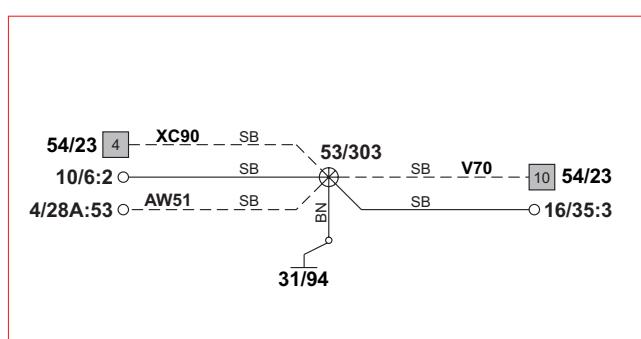
53/302



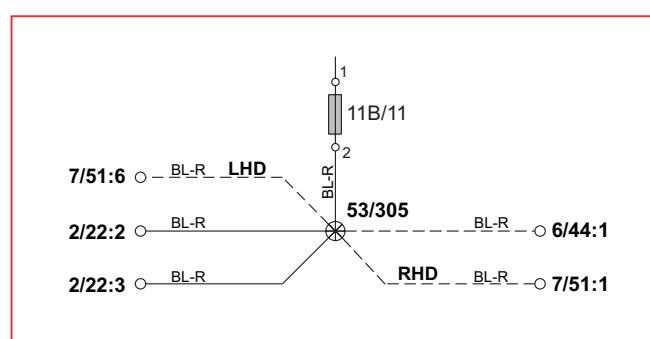
53/304 8-cyl.



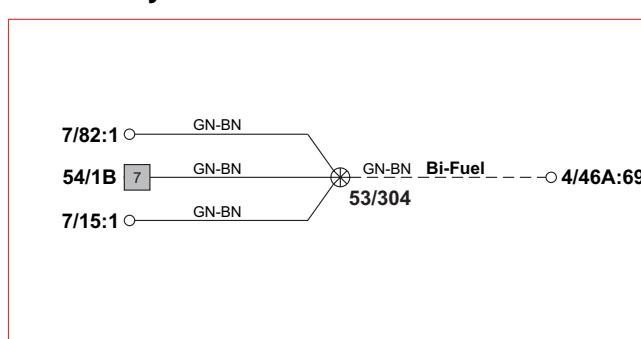
53/303



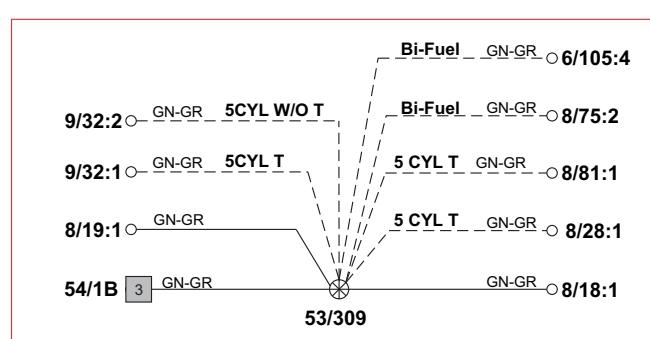
53/305



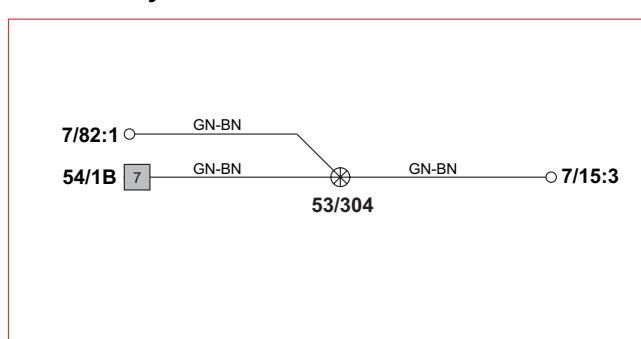
53/304 5-cyl. not Turbo



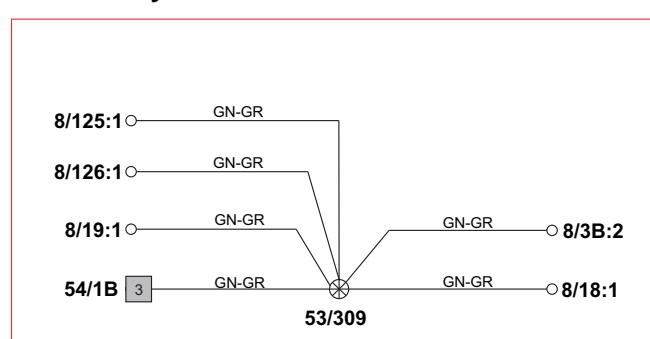
53/309



53/304 5-cyl. T.



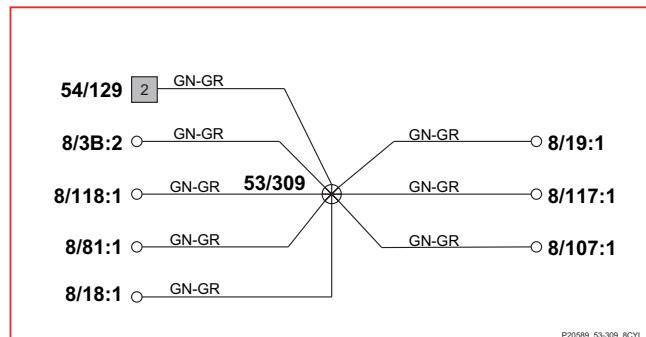
53/309 6-cyl.



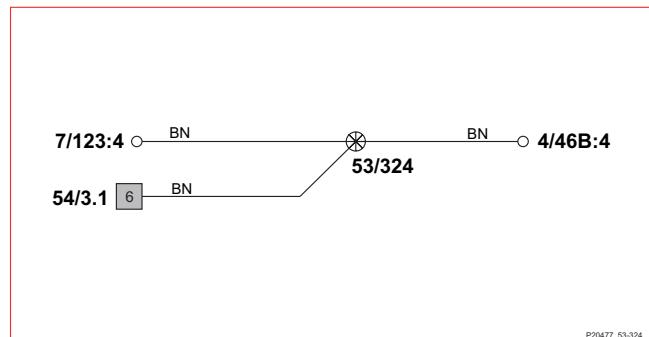
Branching points

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

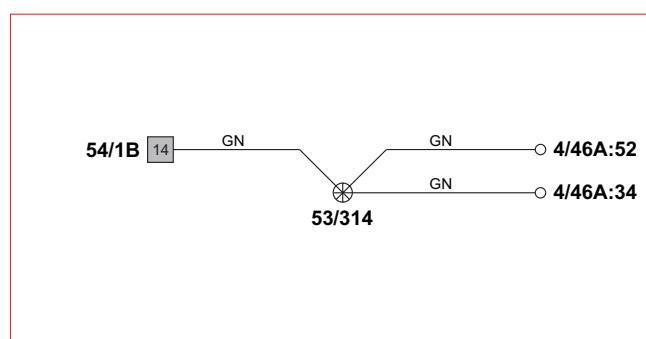
53/309 53/309 8-cyl.



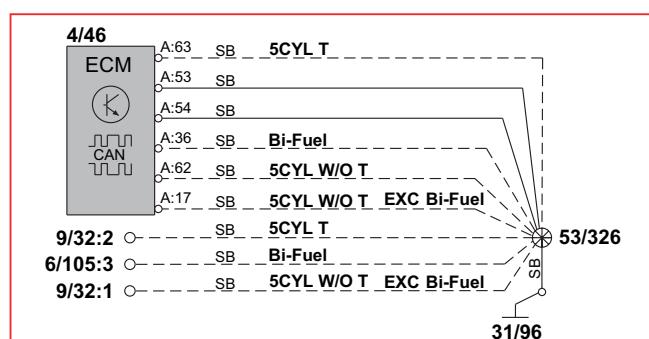
53/324



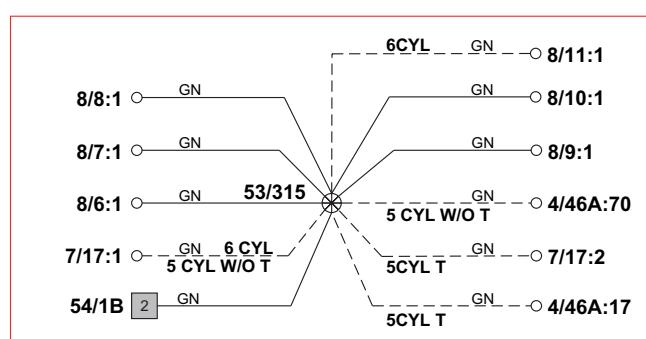
53/314



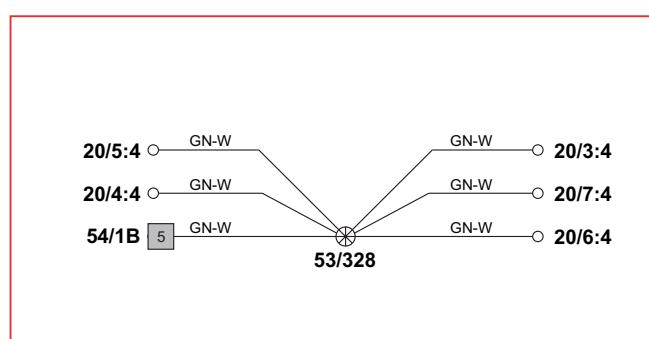
53/326



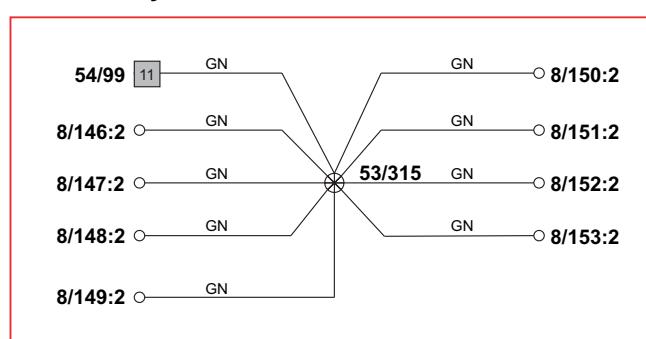
53/315



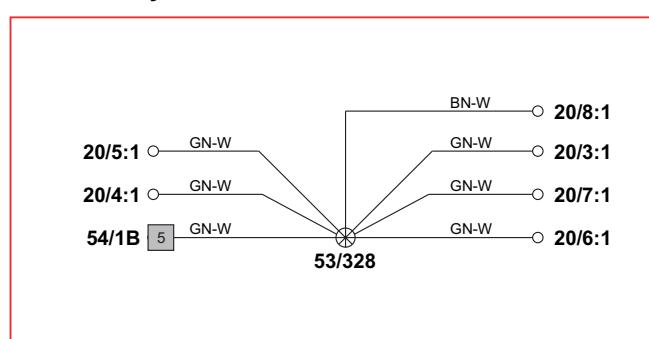
53/328



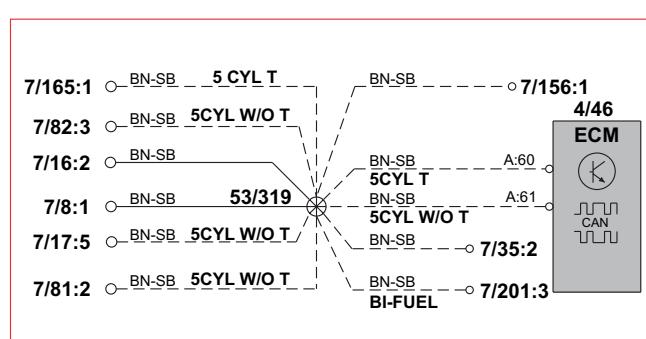
53/315 8-cyl.



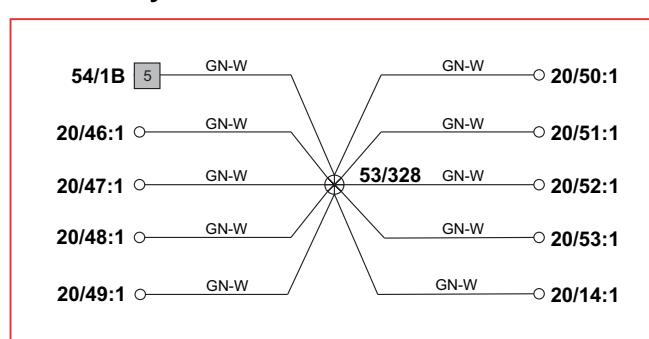
53/328 6-cyl.



53/319

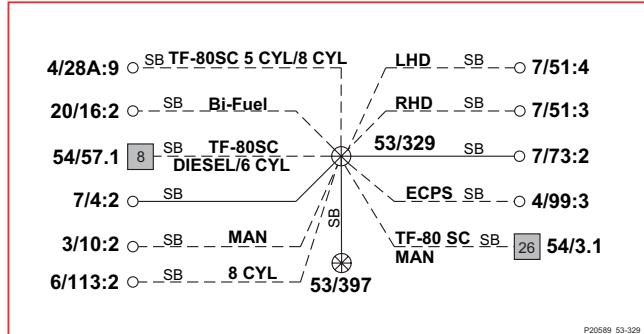


53/328 8-cyl.

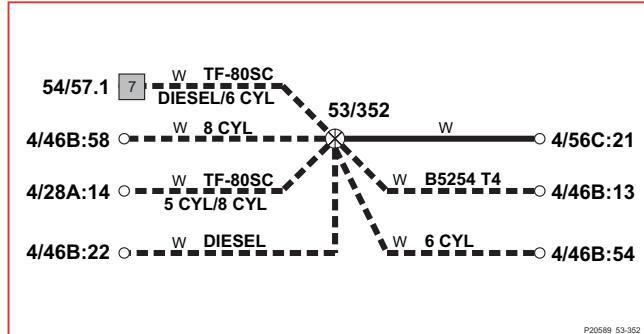


Branching points 53/329 - 53/359

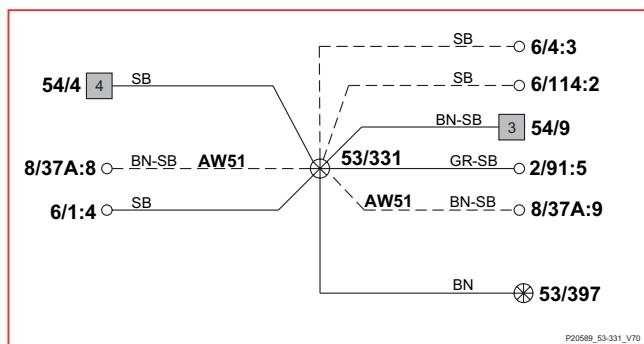
53/329



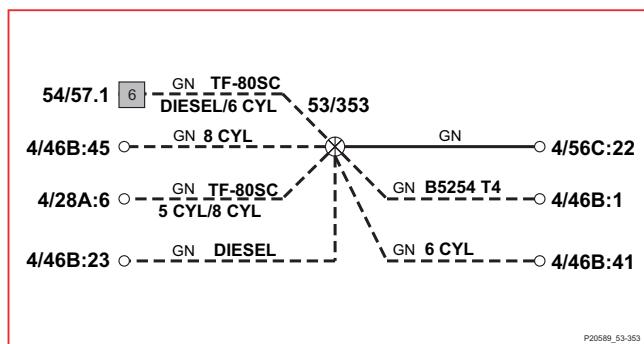
53/352



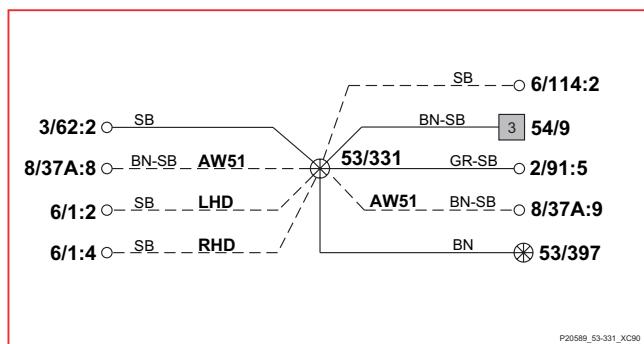
53/331 V70



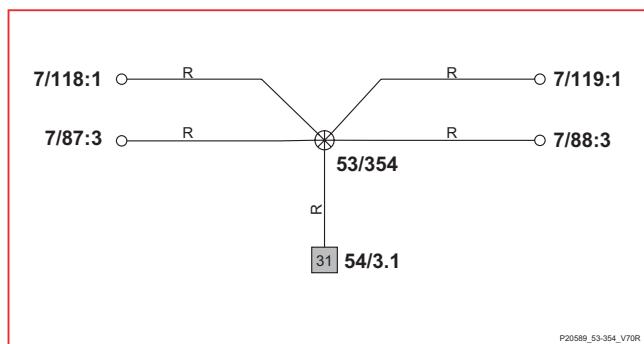
53/353



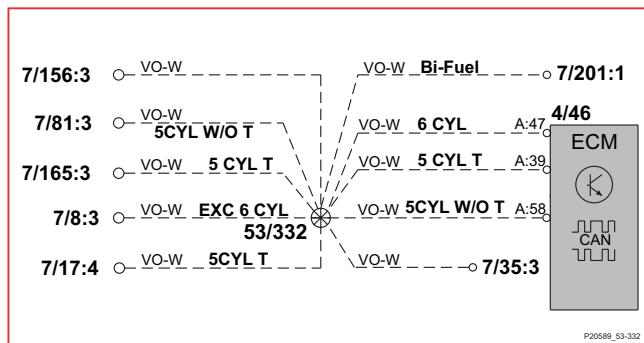
53/331 XC90



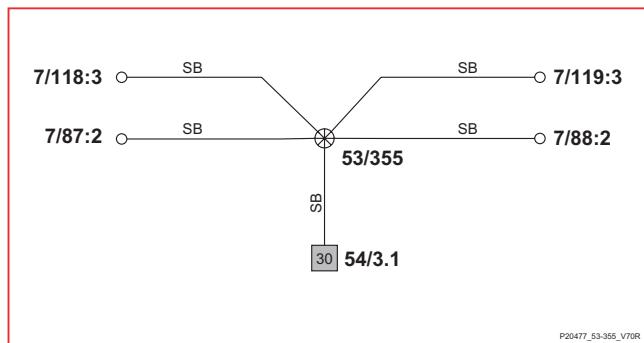
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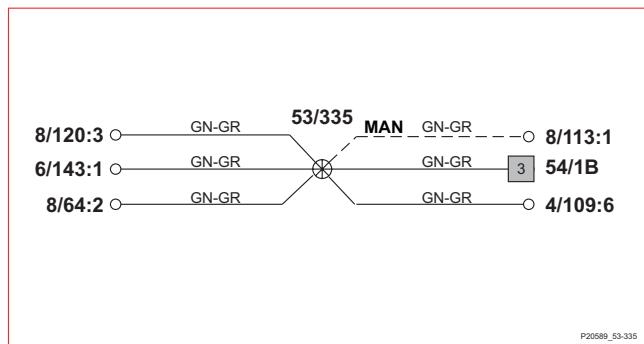
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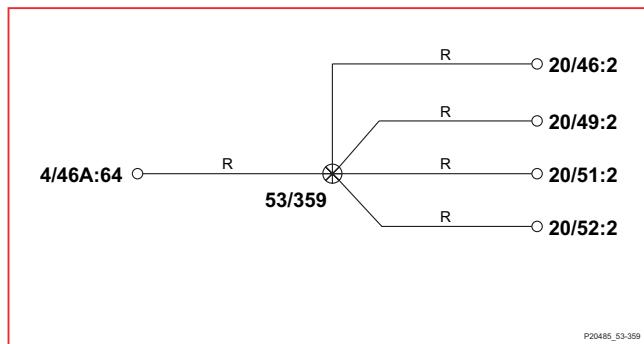
53/355



53/335



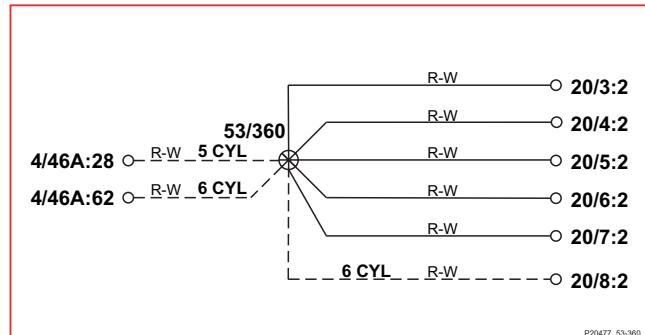
53/359



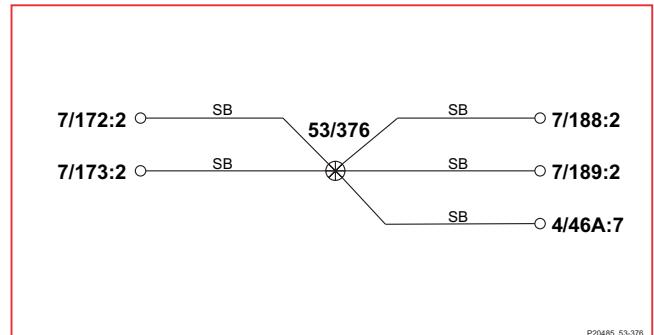
Branching points

53/360 - 53/395

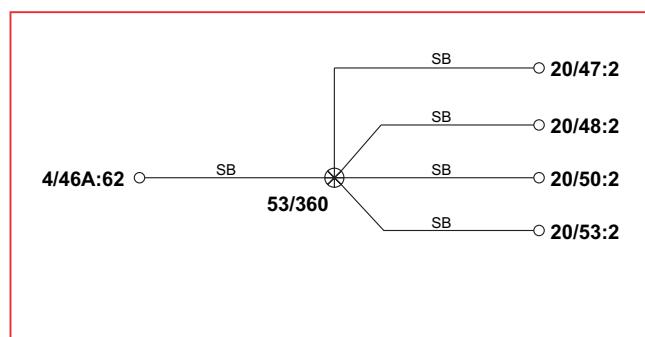
53/360



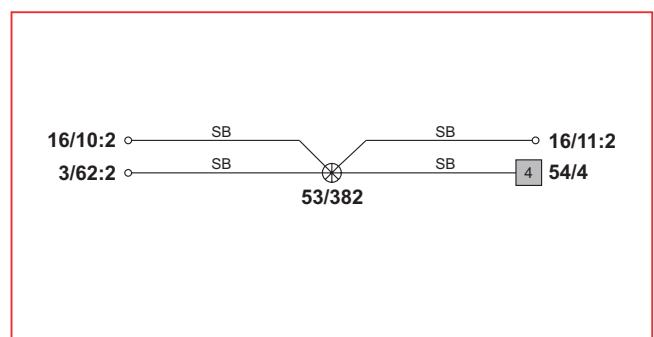
53/376 8-cyl.



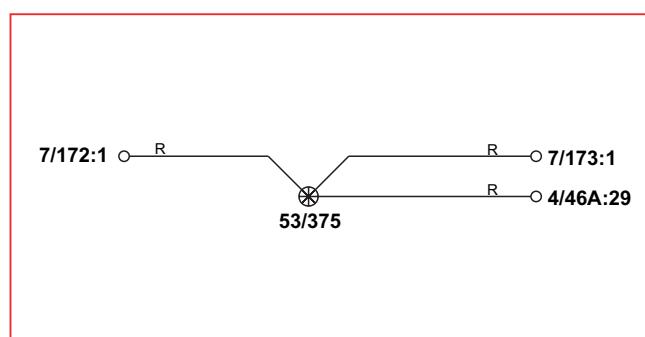
53/360 8-cyl.



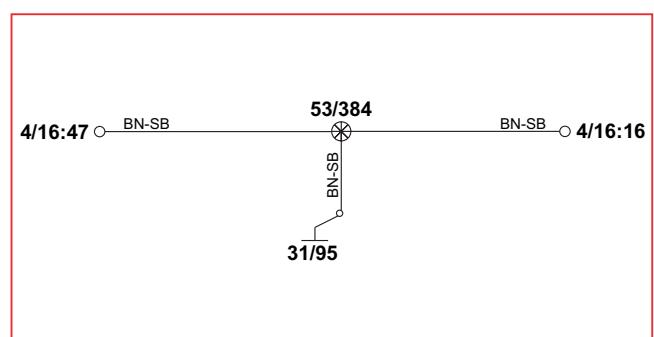
53/382



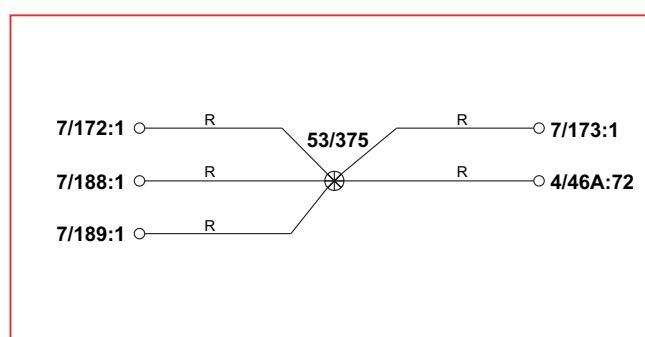
53/375



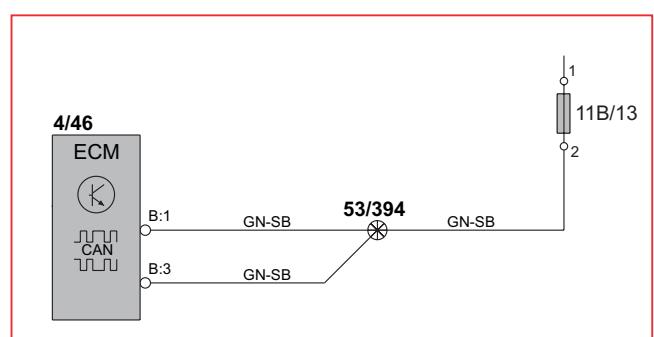
53/384



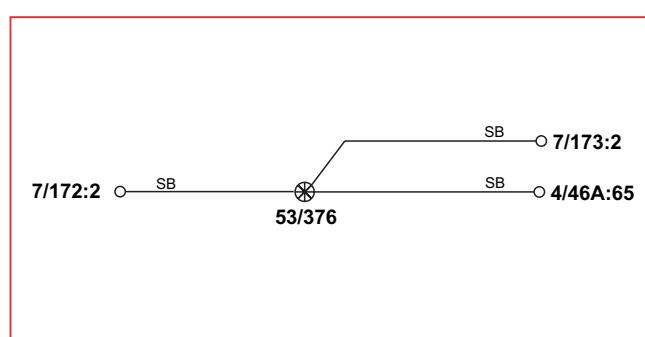
53/375 8-cyl.



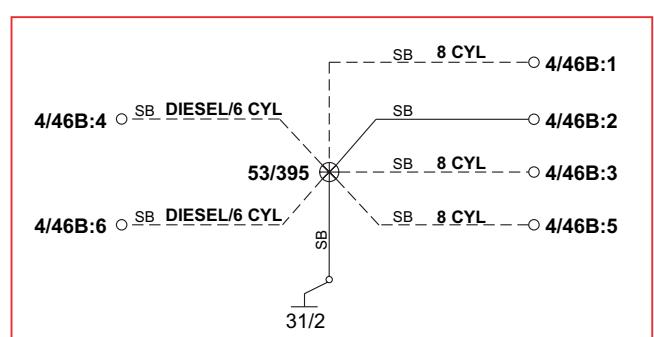
53/394



53/376



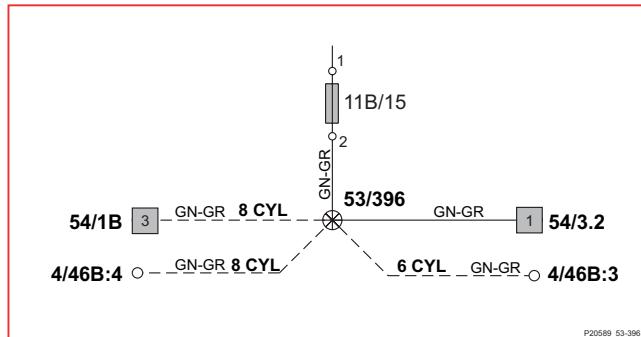
53/395



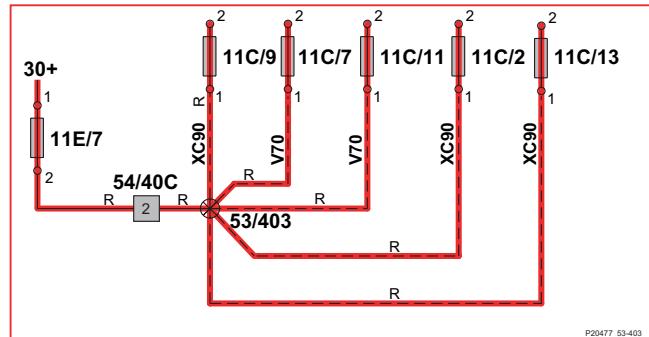
Branching points

53/396 - 53/415

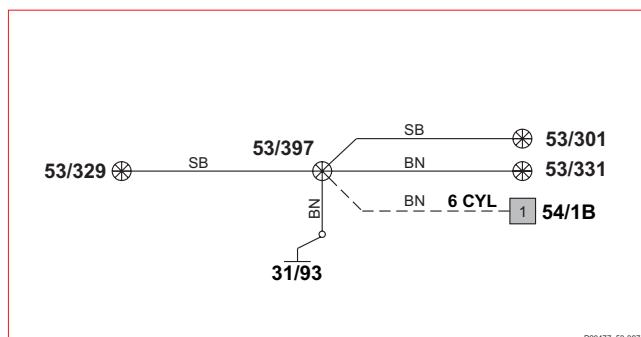
53/396



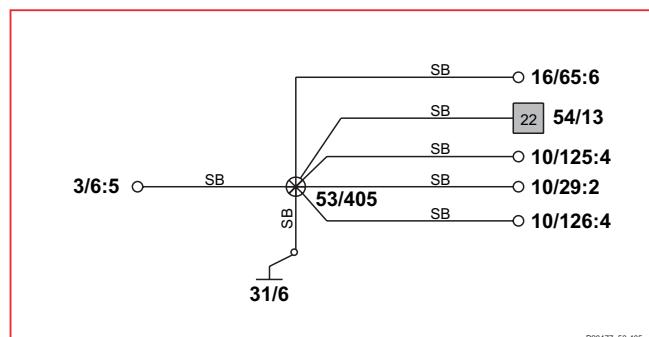
53/403



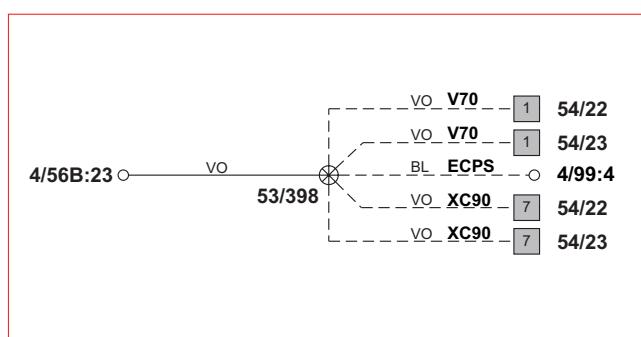
53/397



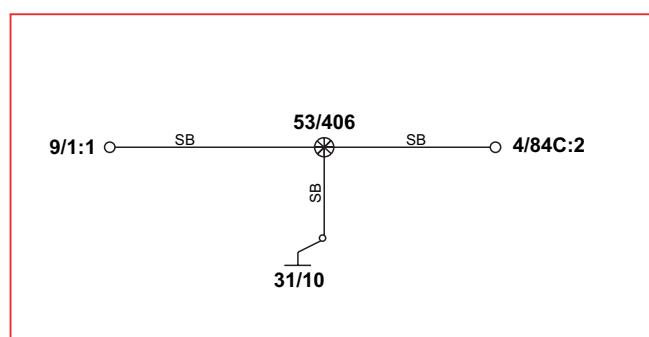
53/405



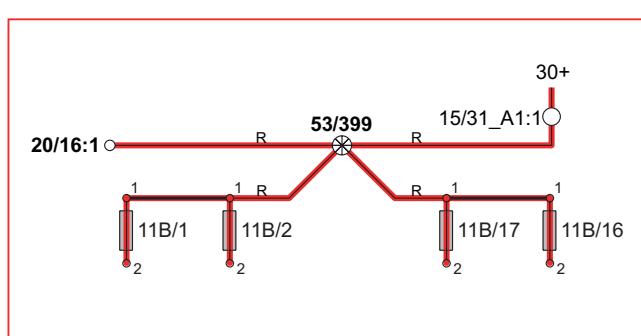
53/398



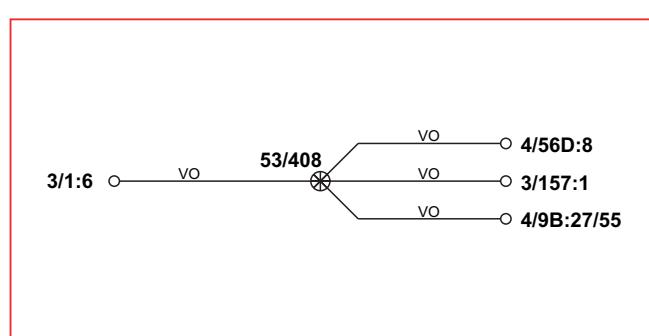
53/406



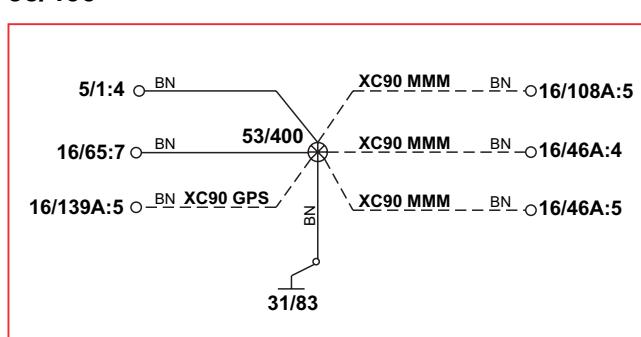
53/399



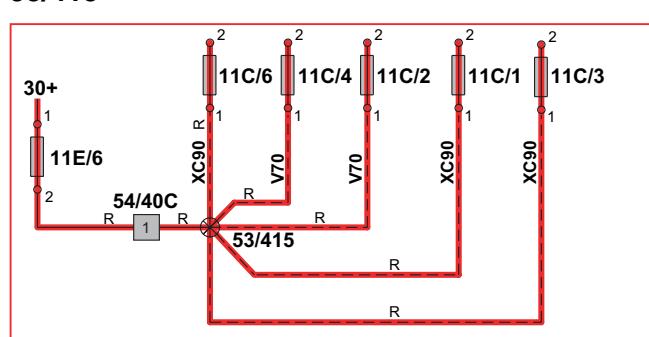
53/408



53/400



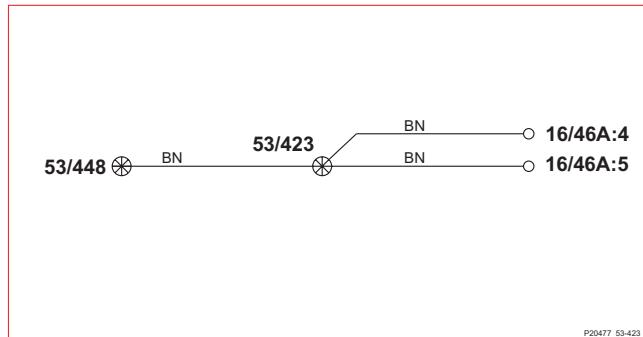
53/415



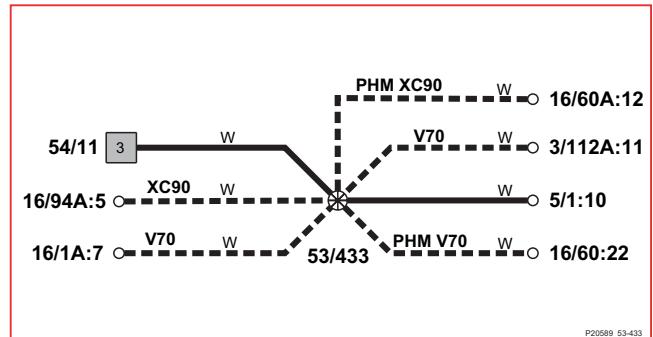
Branching points

53/423 - 53/437

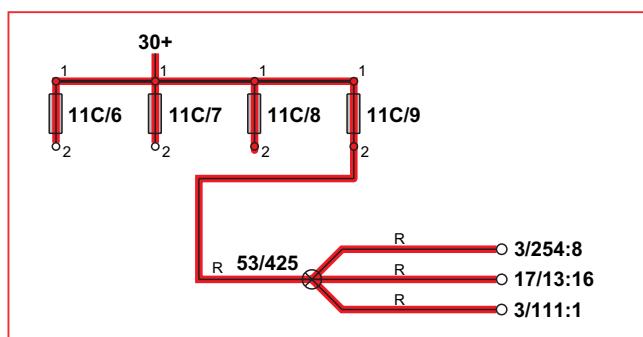
53/423



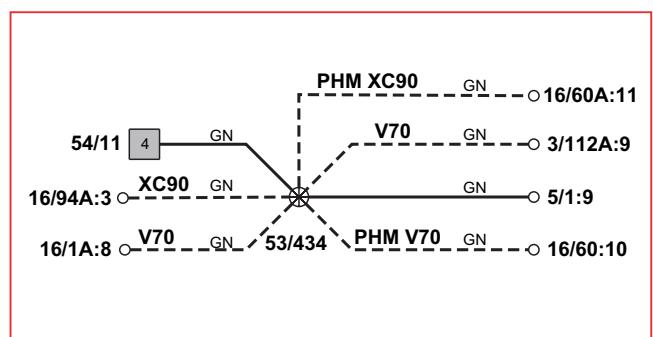
53/433



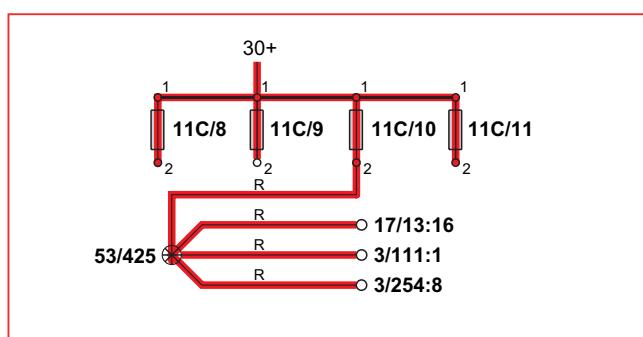
53/425 V70



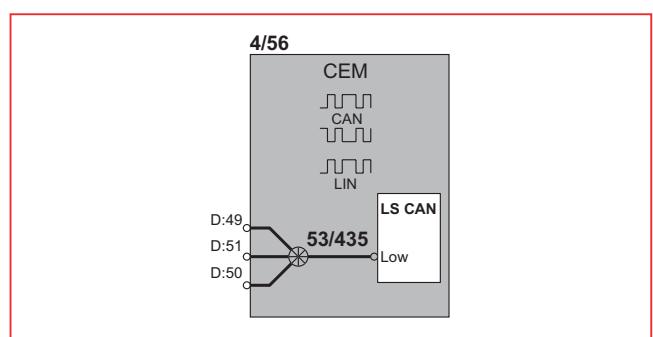
53/434



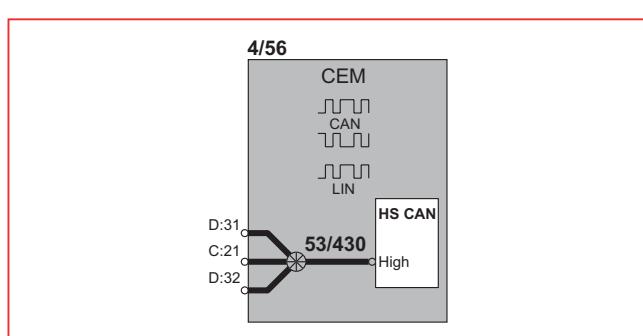
53/425 XC90



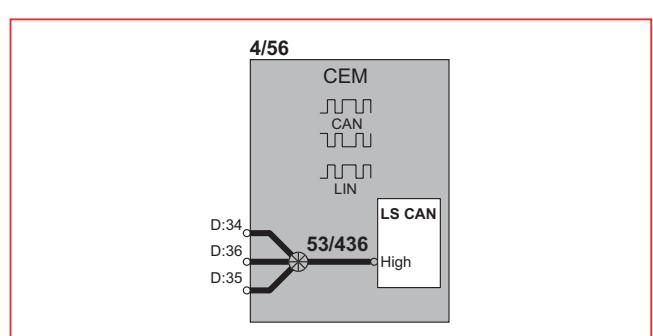
53/435



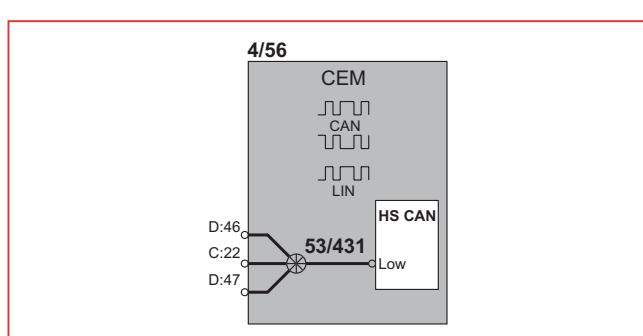
53/430



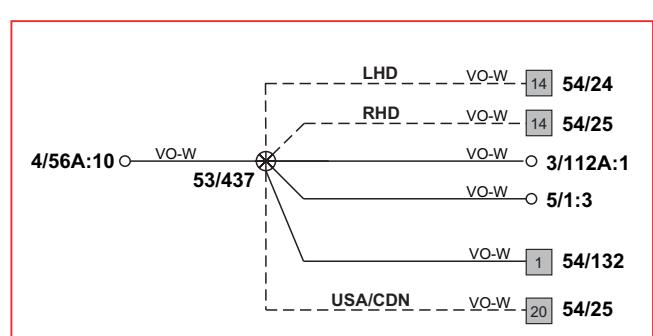
53/436



53/431



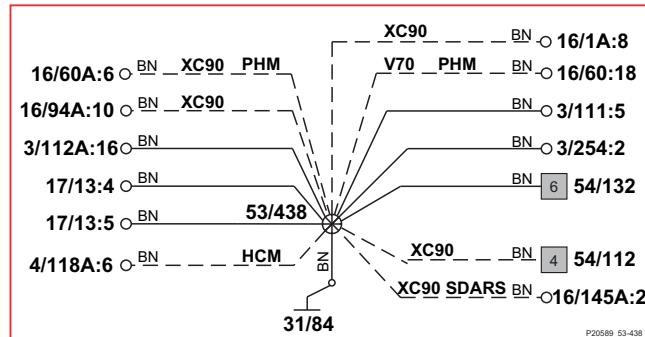
53/437



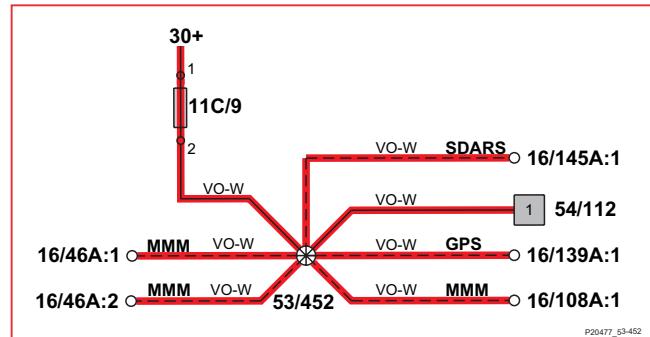
Branching points

53/438 - 53/460

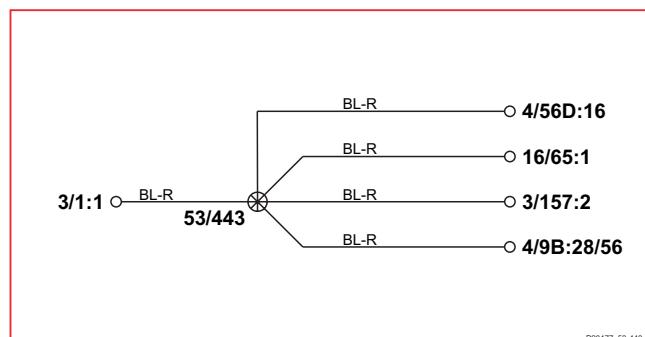
53/438



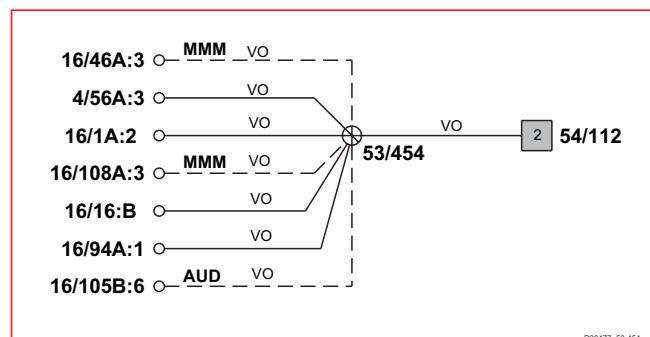
53/452



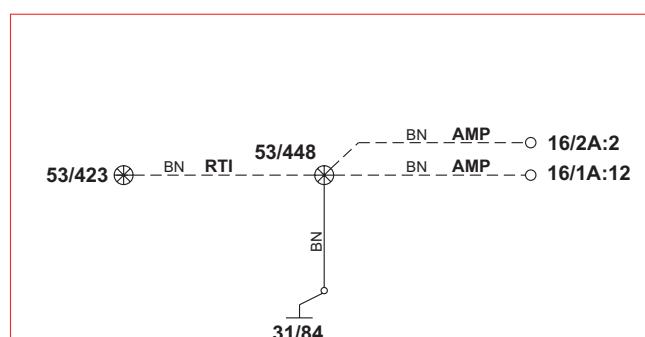
53/443



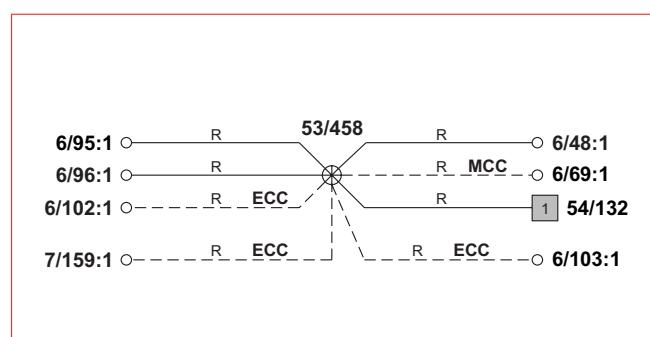
53/454



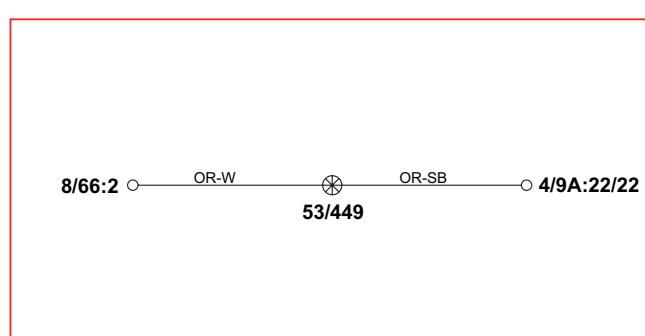
53/448



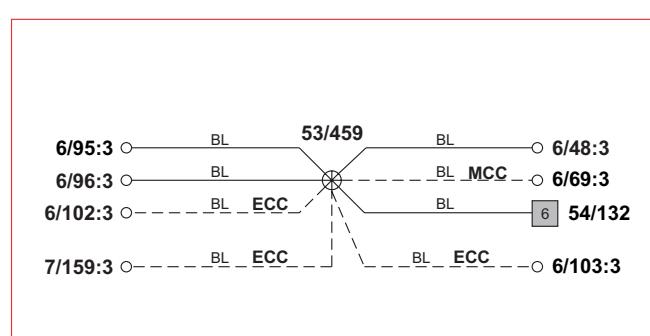
53/458



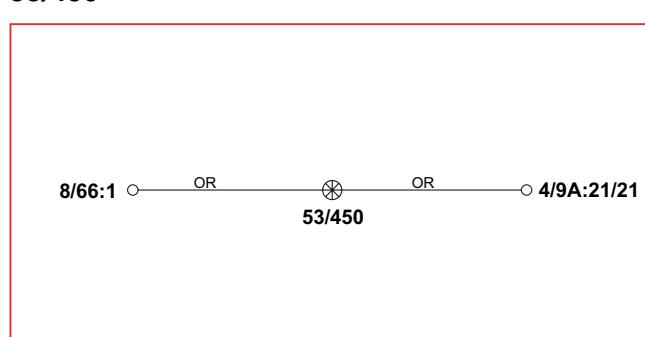
53/449



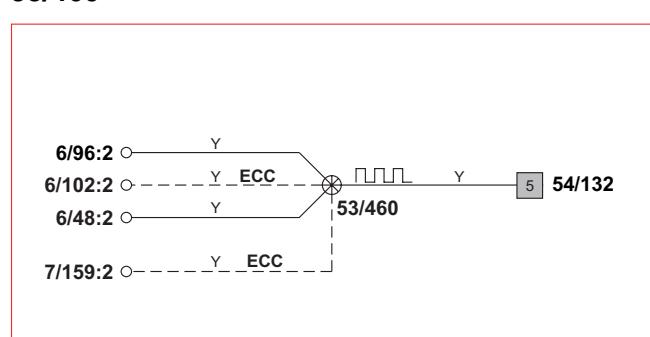
53/459



53/450



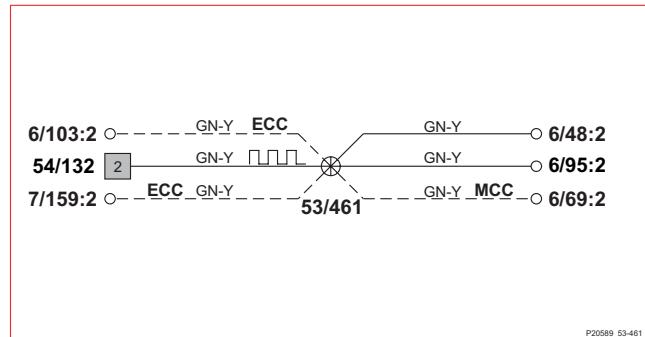
53/460



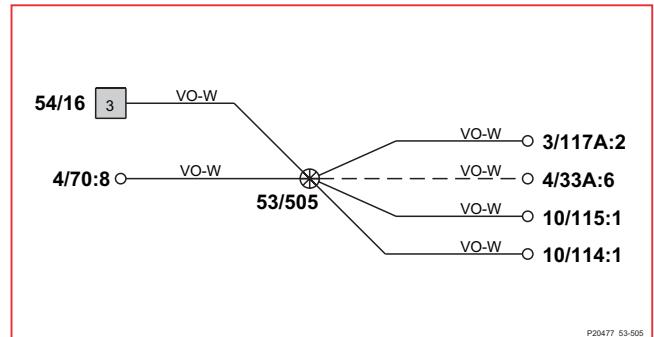
Branching points

53/461 - 53/515

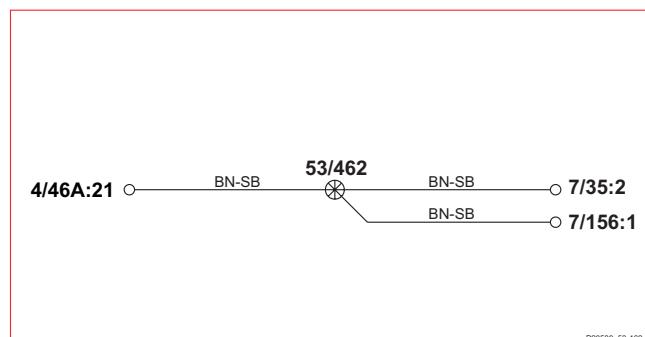
53/461



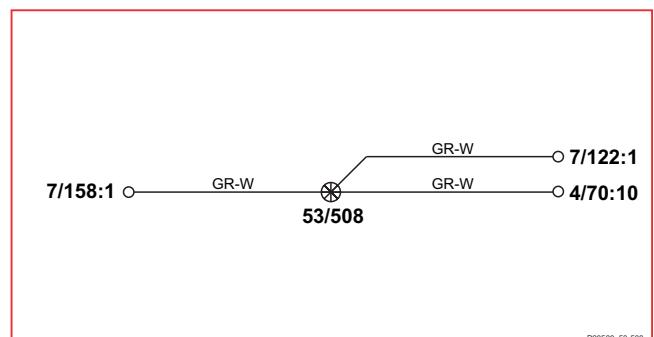
53/505



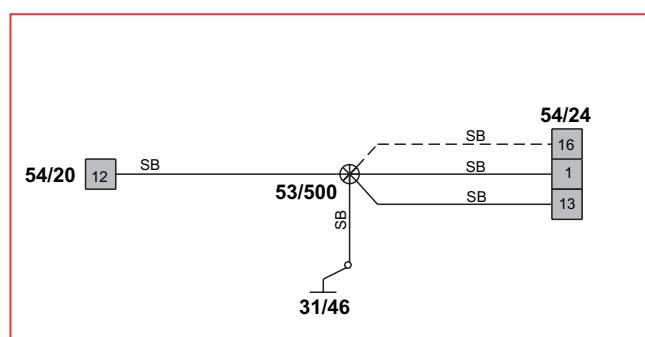
53/462



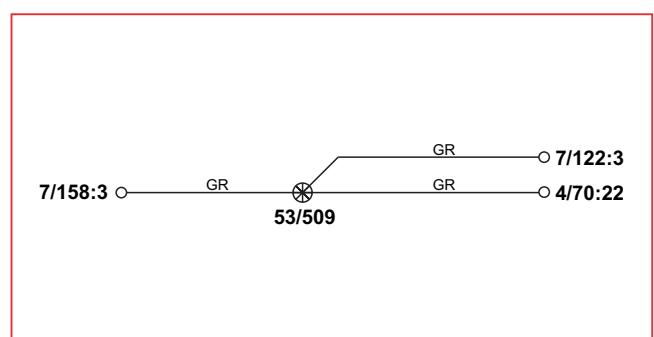
53/508



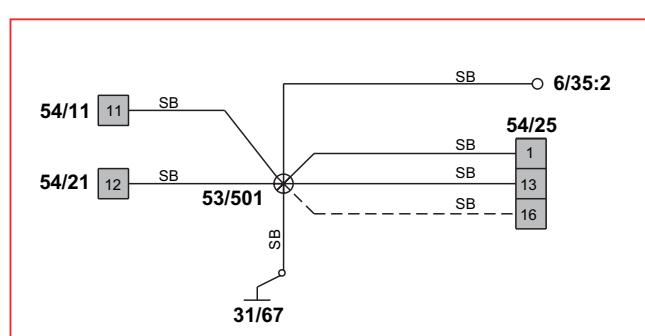
53/500



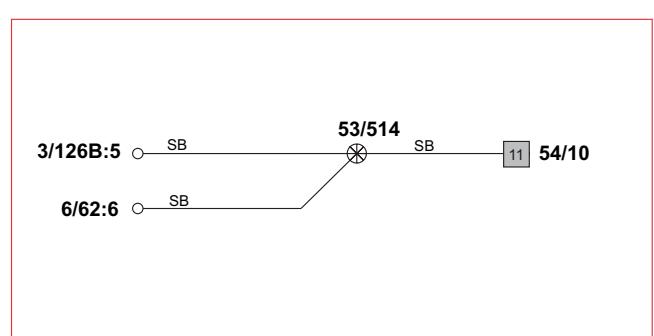
53/509



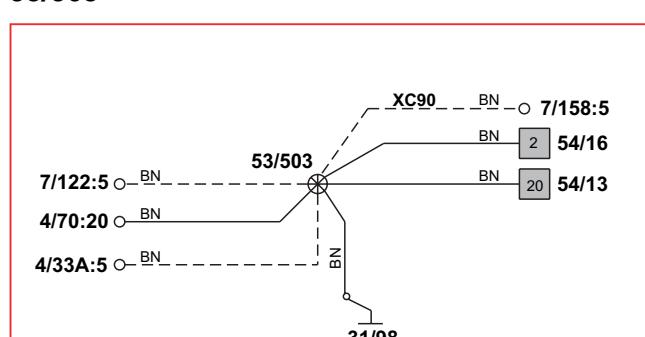
53/501



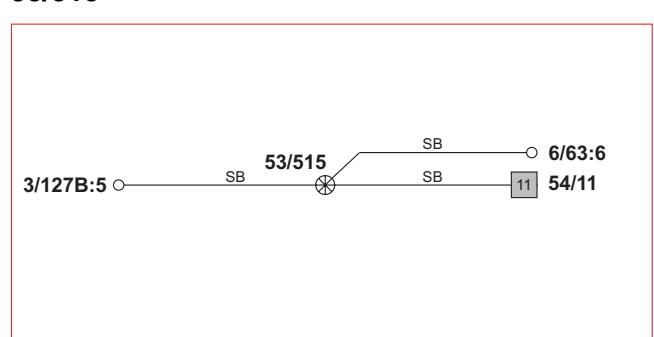
53/514



53/503



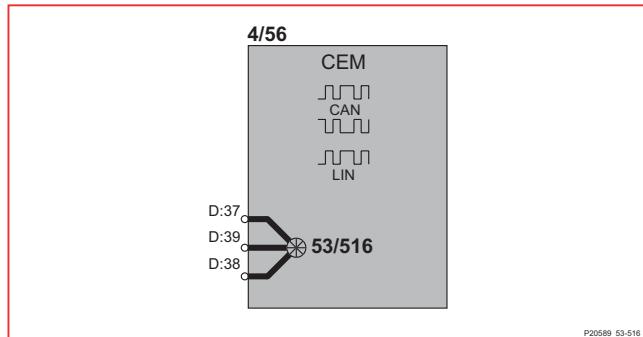
53/515



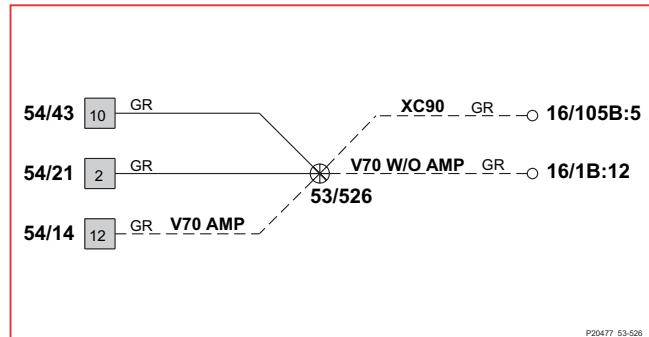
Branching points

53/516 - 53/570

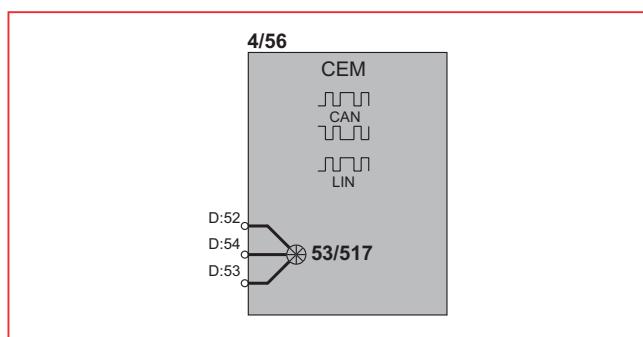
53/516



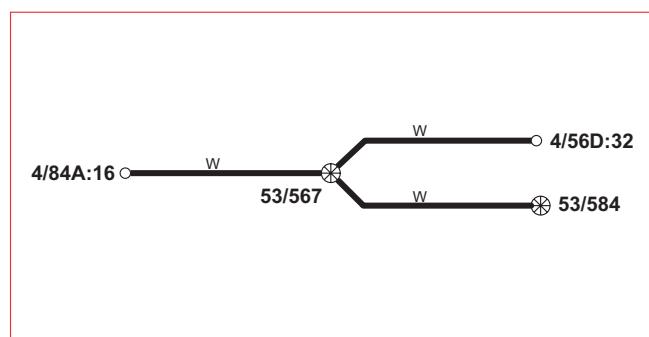
53/526



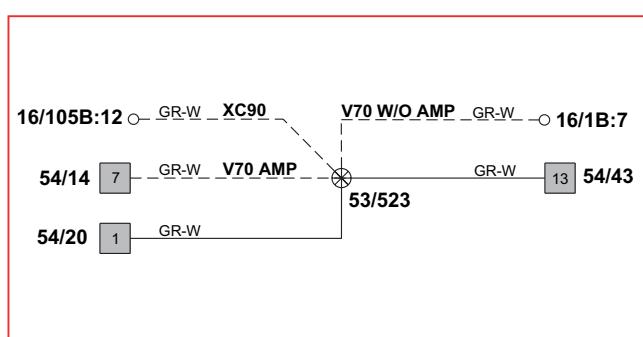
53/517



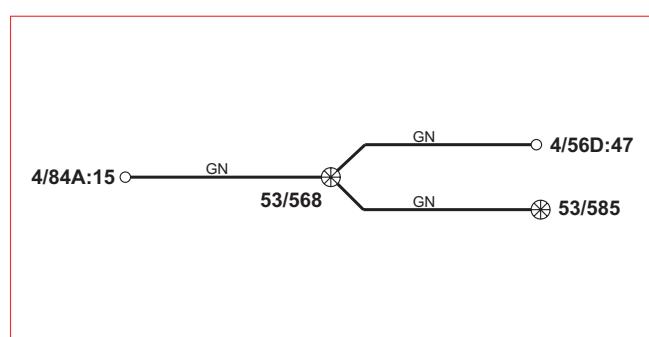
53/567



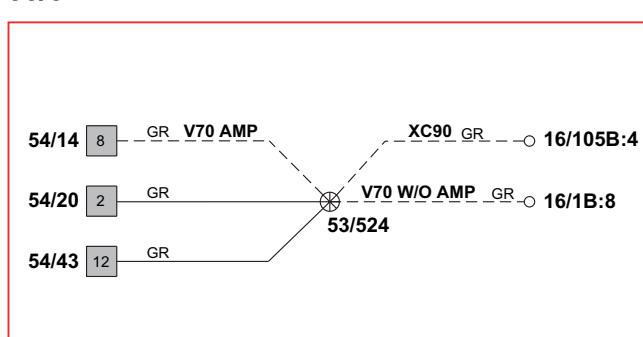
53/523



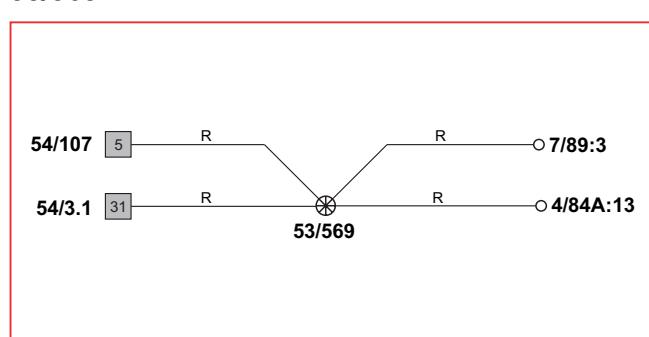
53/568



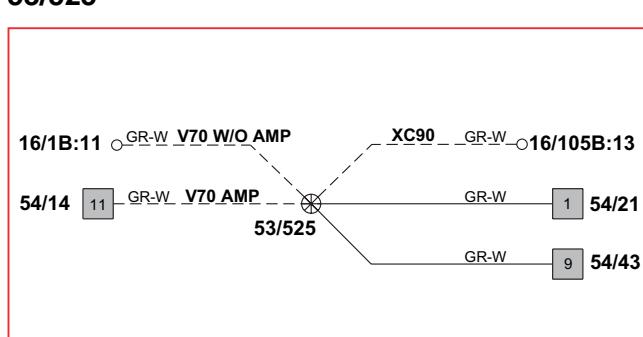
53/524



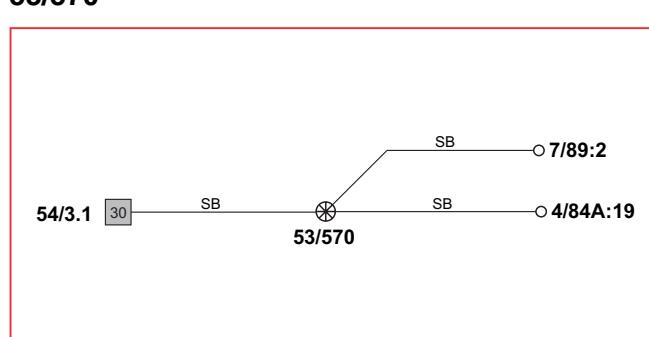
53/569



53/525



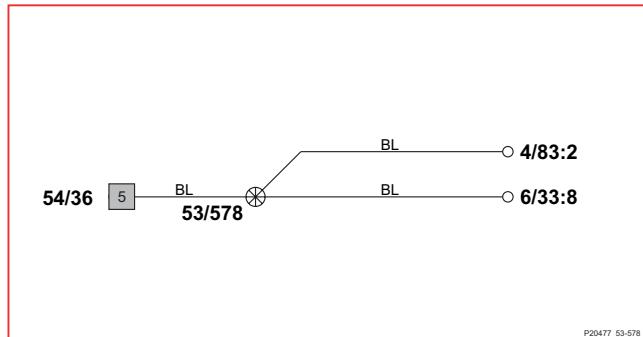
53/570



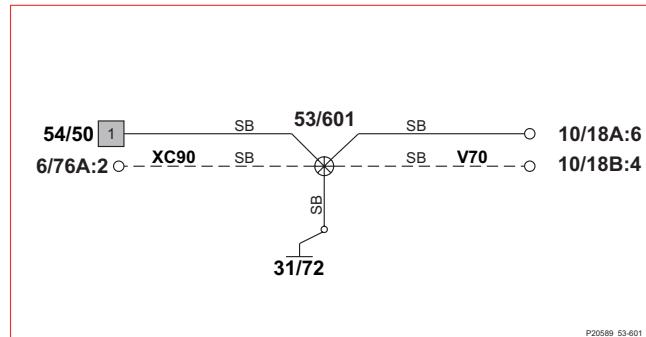
Branching points

53/578 - 53/606

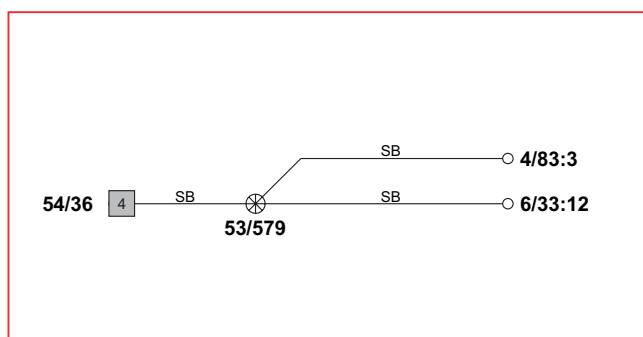
53/578



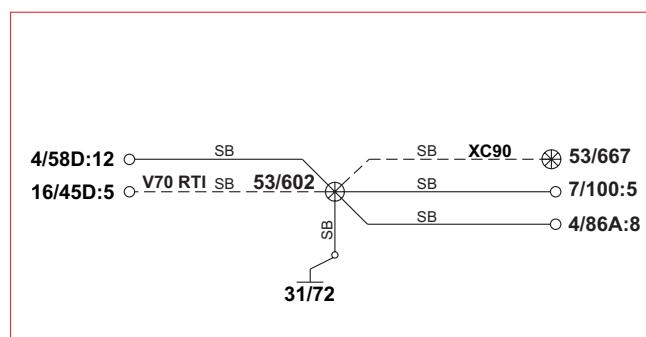
53/601



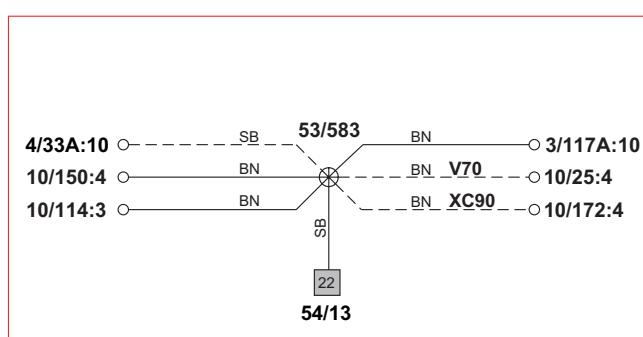
53/579



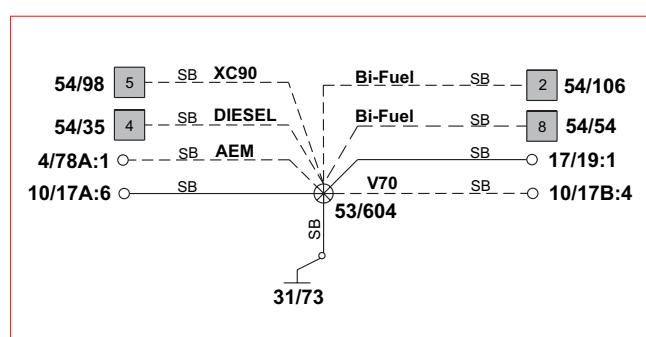
53/602



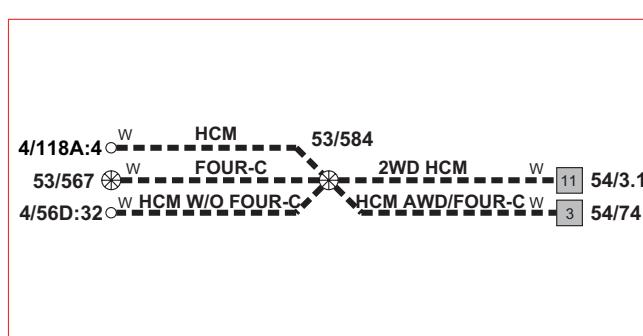
53/583



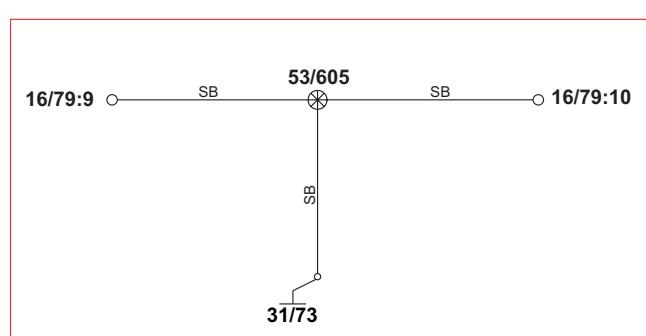
53/604



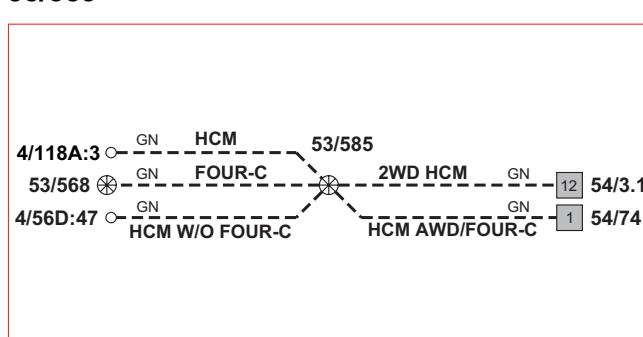
53/584



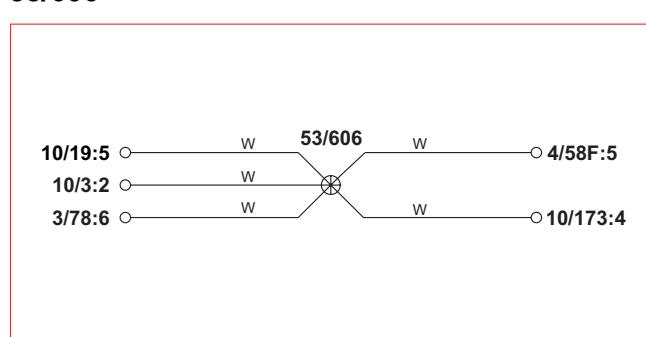
53/605



53/585



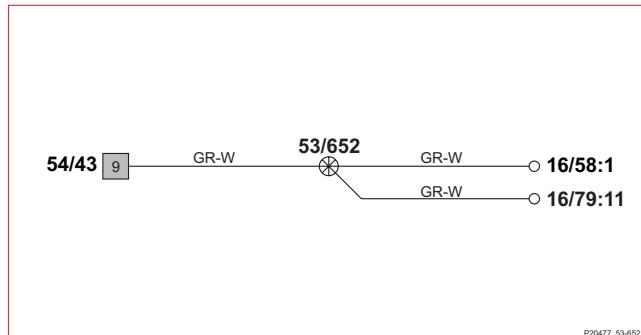
53/606



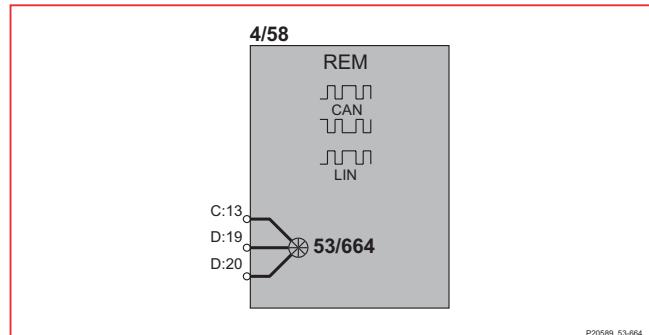
Branching points

53/652 - 53/736

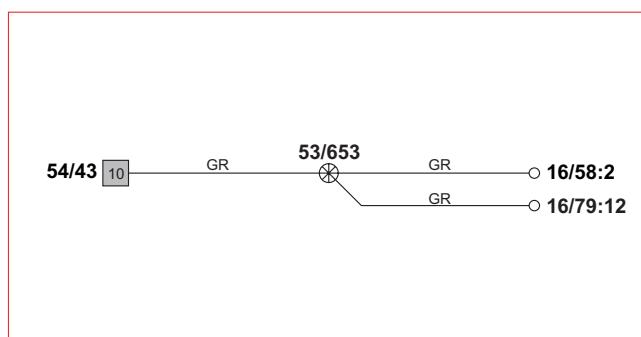
53/652



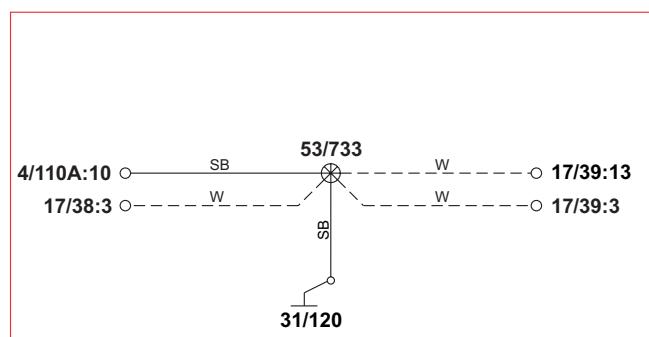
53/664



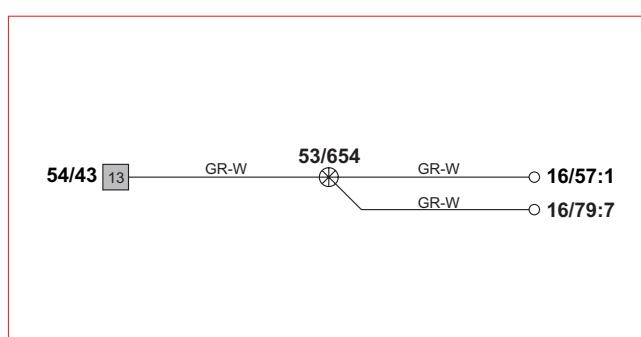
53/653



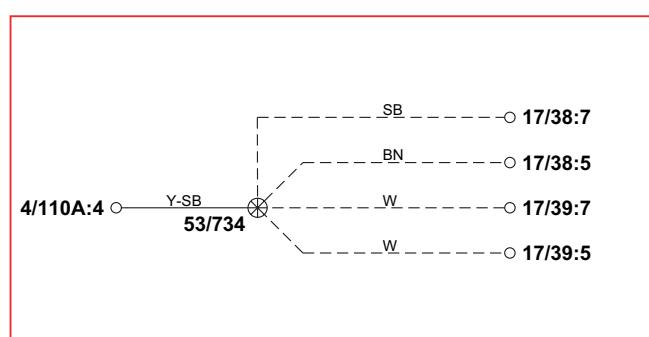
53/733



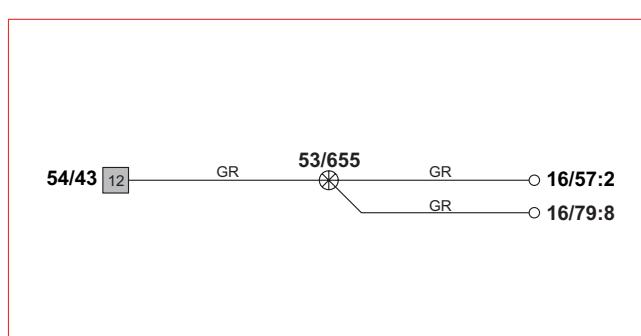
53/654



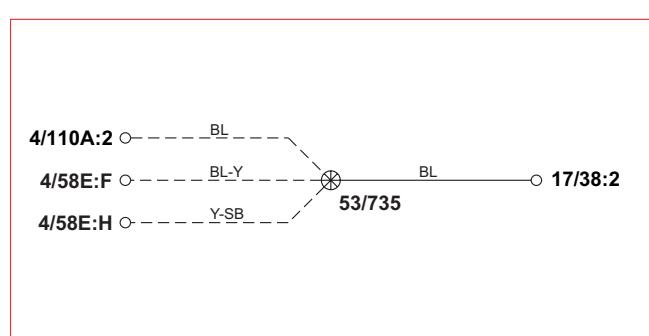
53/734



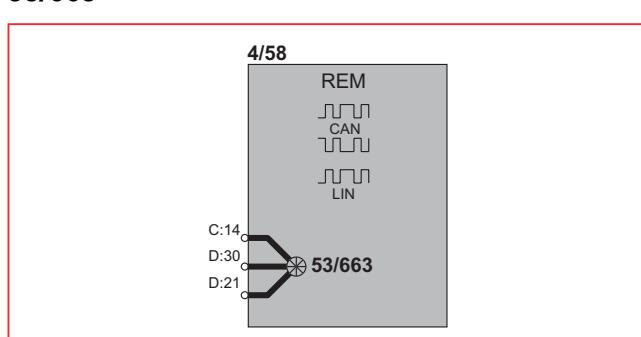
53/655



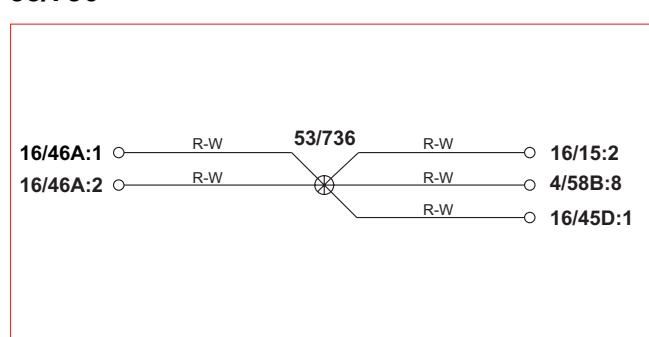
53/735



53/663



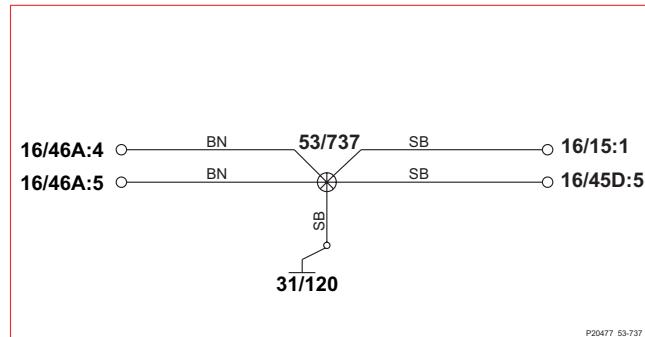
53/736



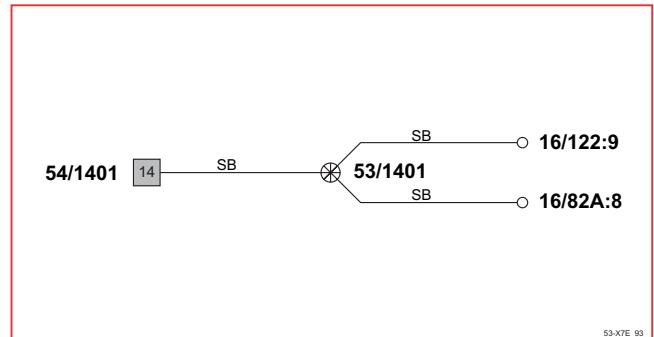
Branching points

53/737 - 53/1404

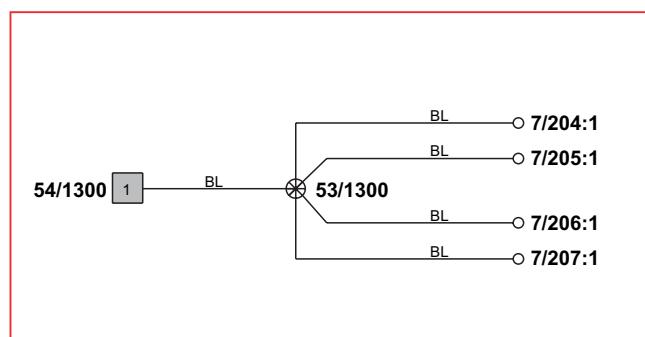
53/737



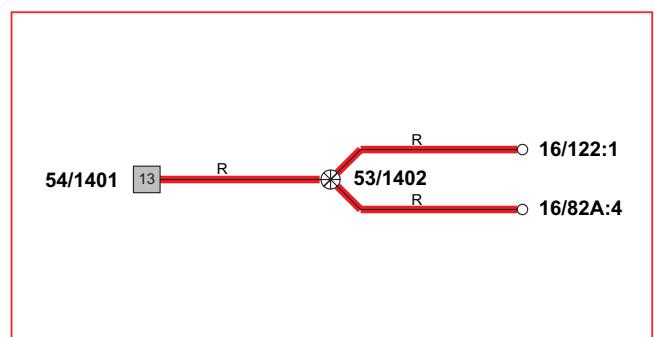
53/1401



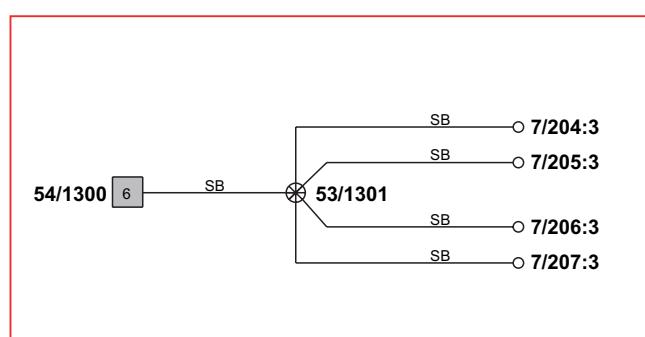
53/1300



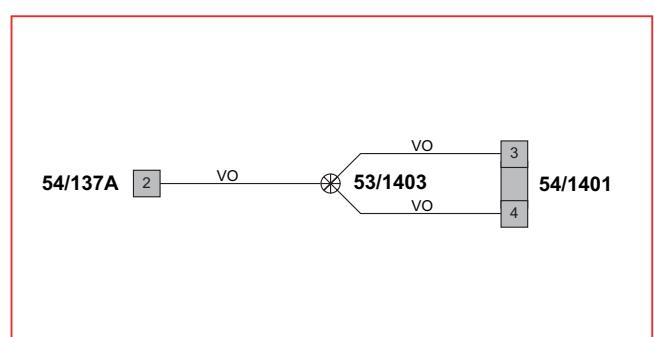
53/1402



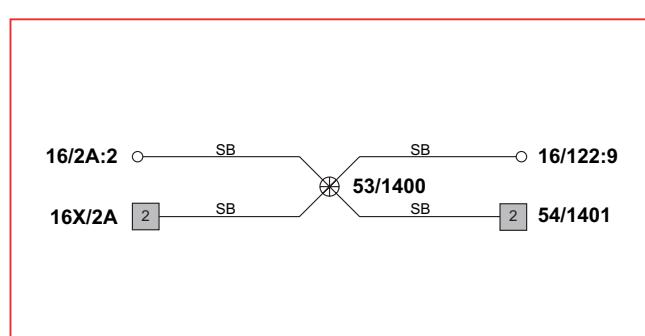
53/1301



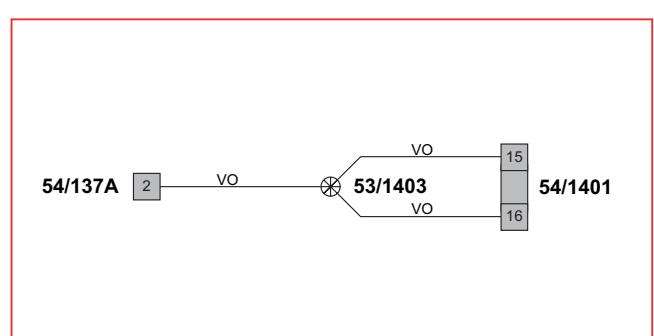
53/1403 V70



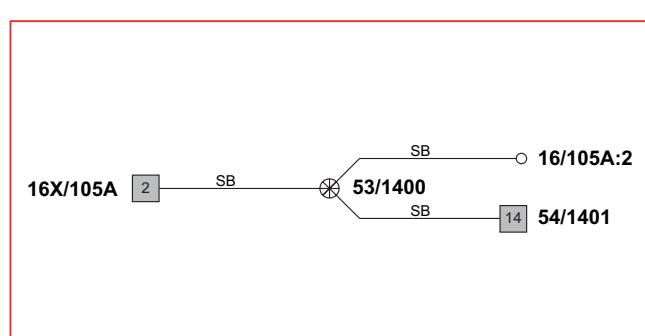
53/1400 V70



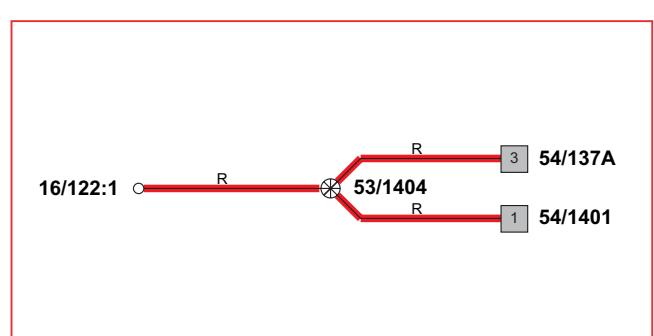
53/1403 XC90



53/1400 XC90



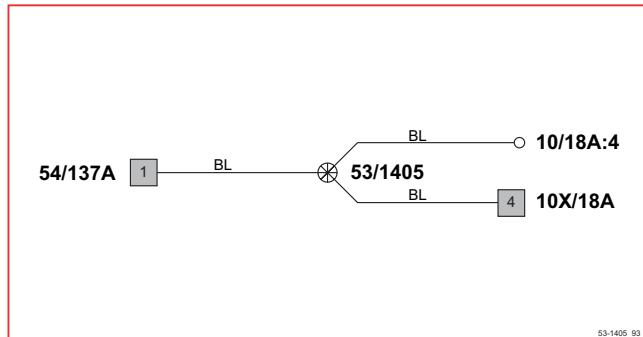
53/1404



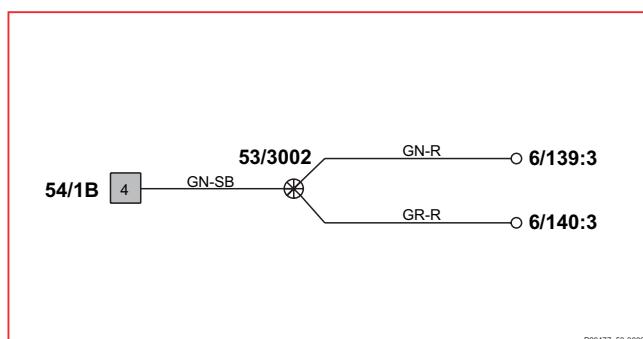
Branching points

53/1405 - 53/3009

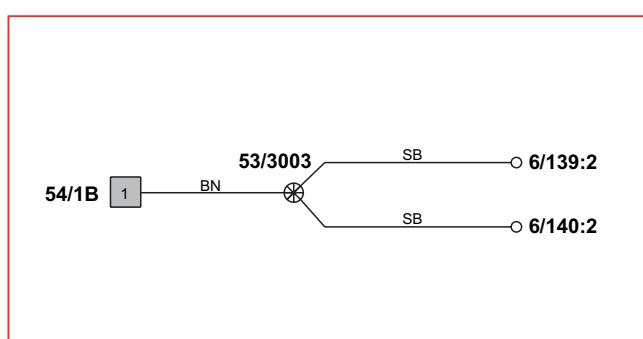
53/1405



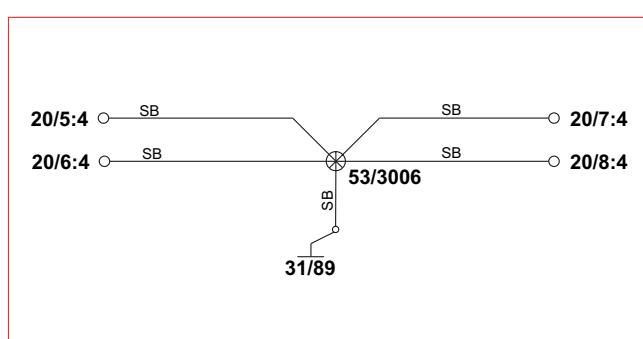
53/3002



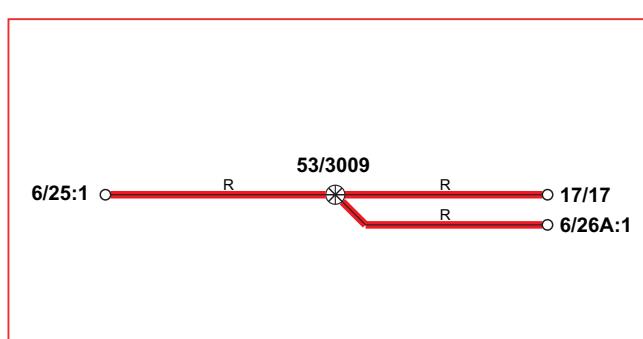
53/3003



53/3006

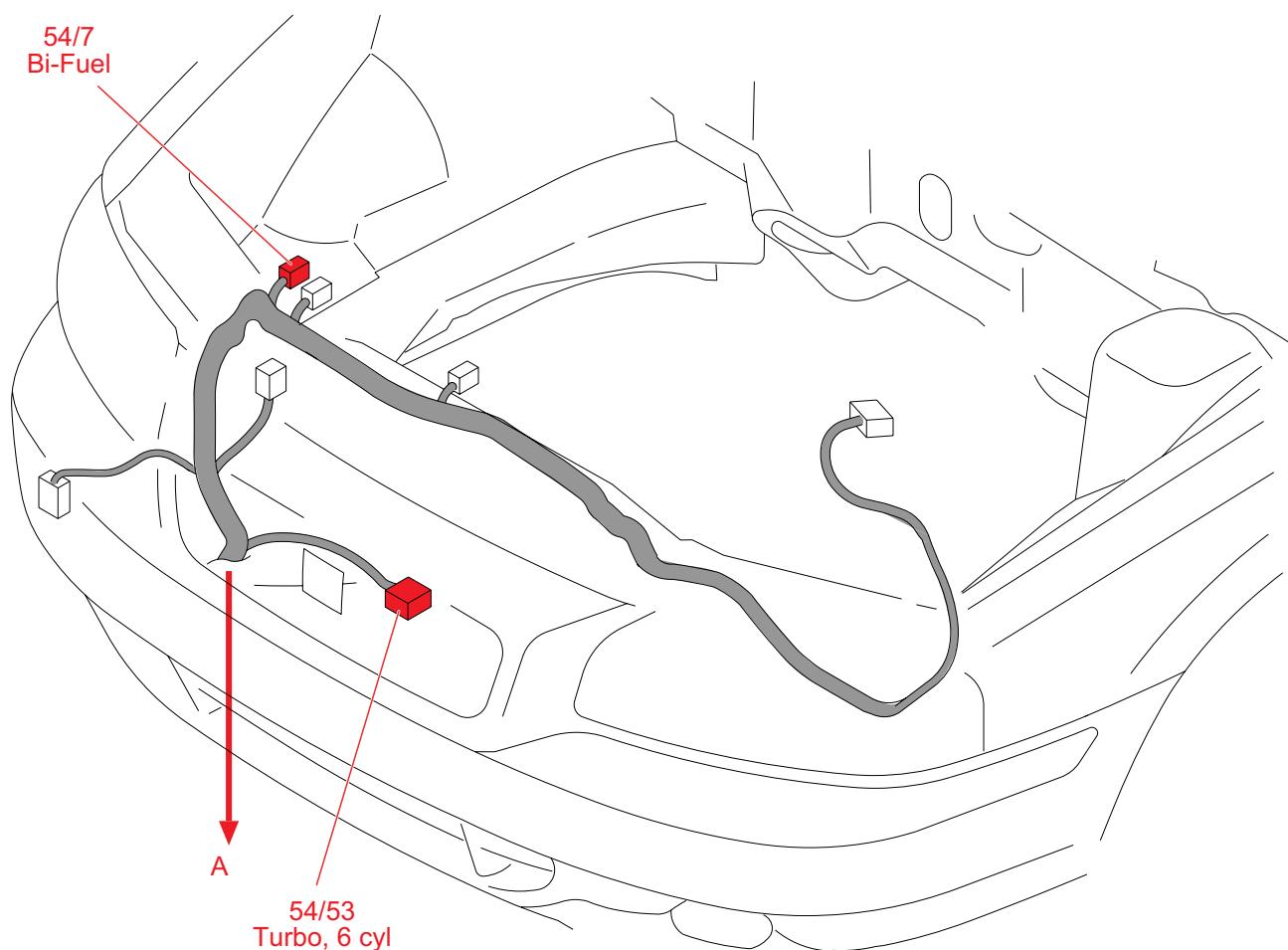
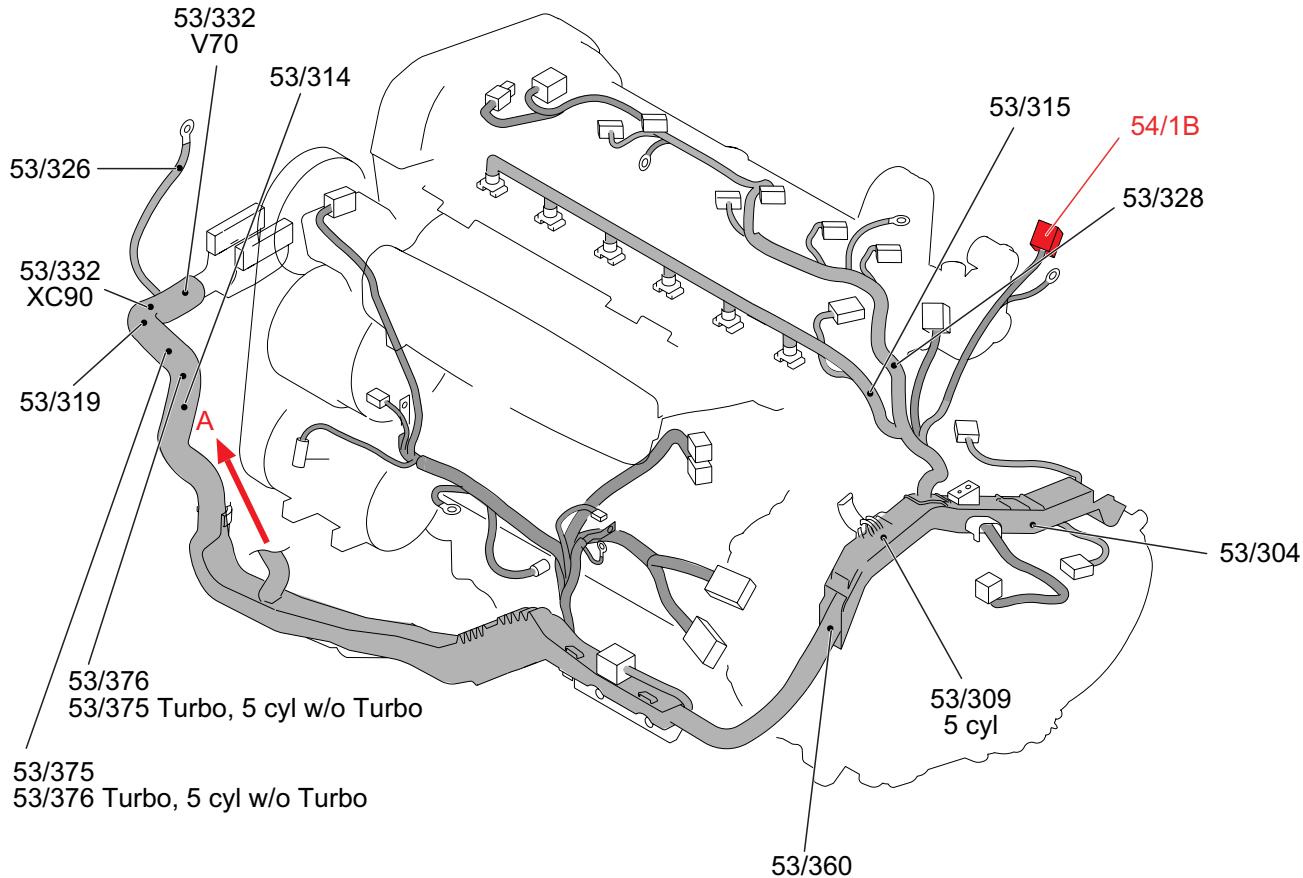


53/3009

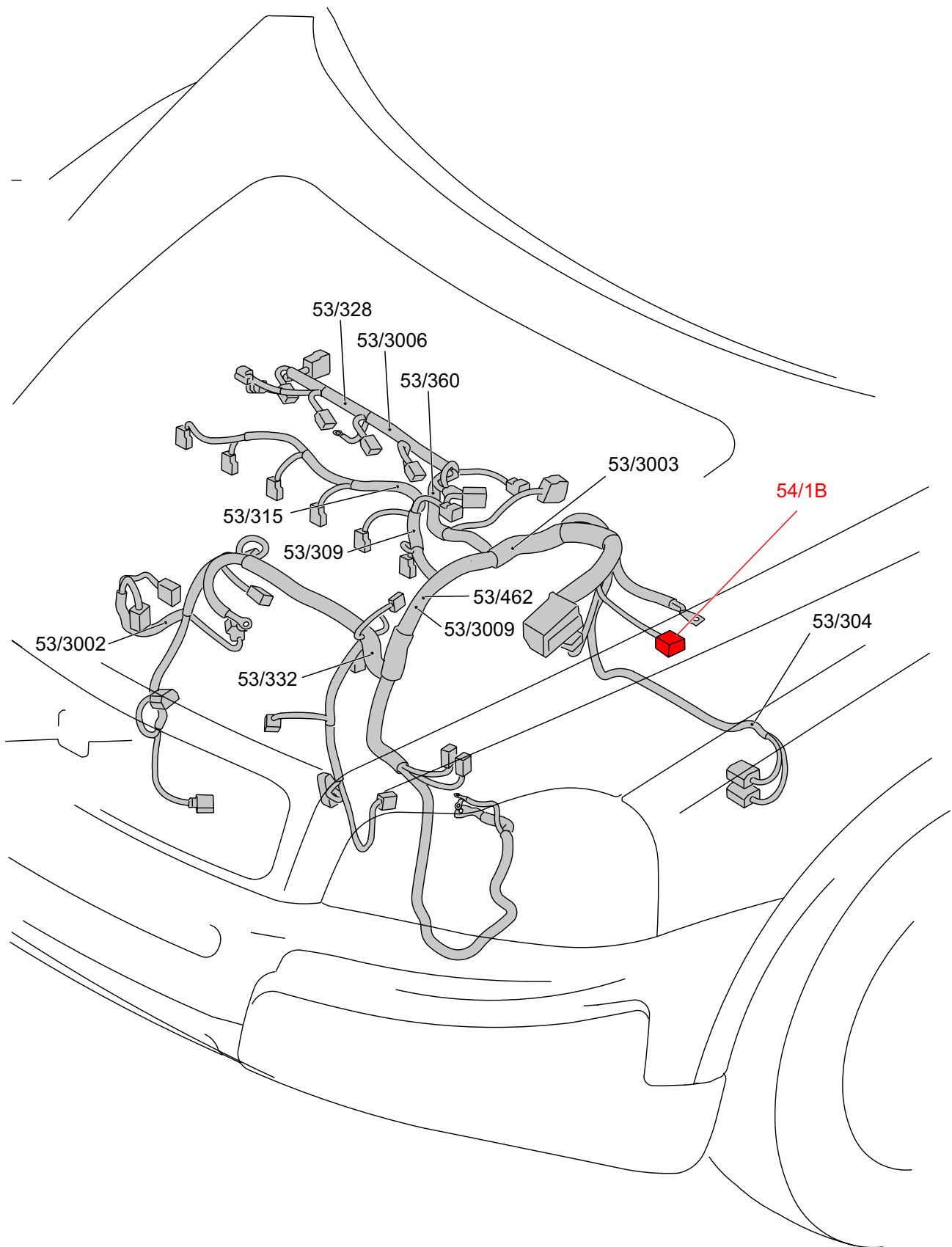


Cable harness routine in vehicle

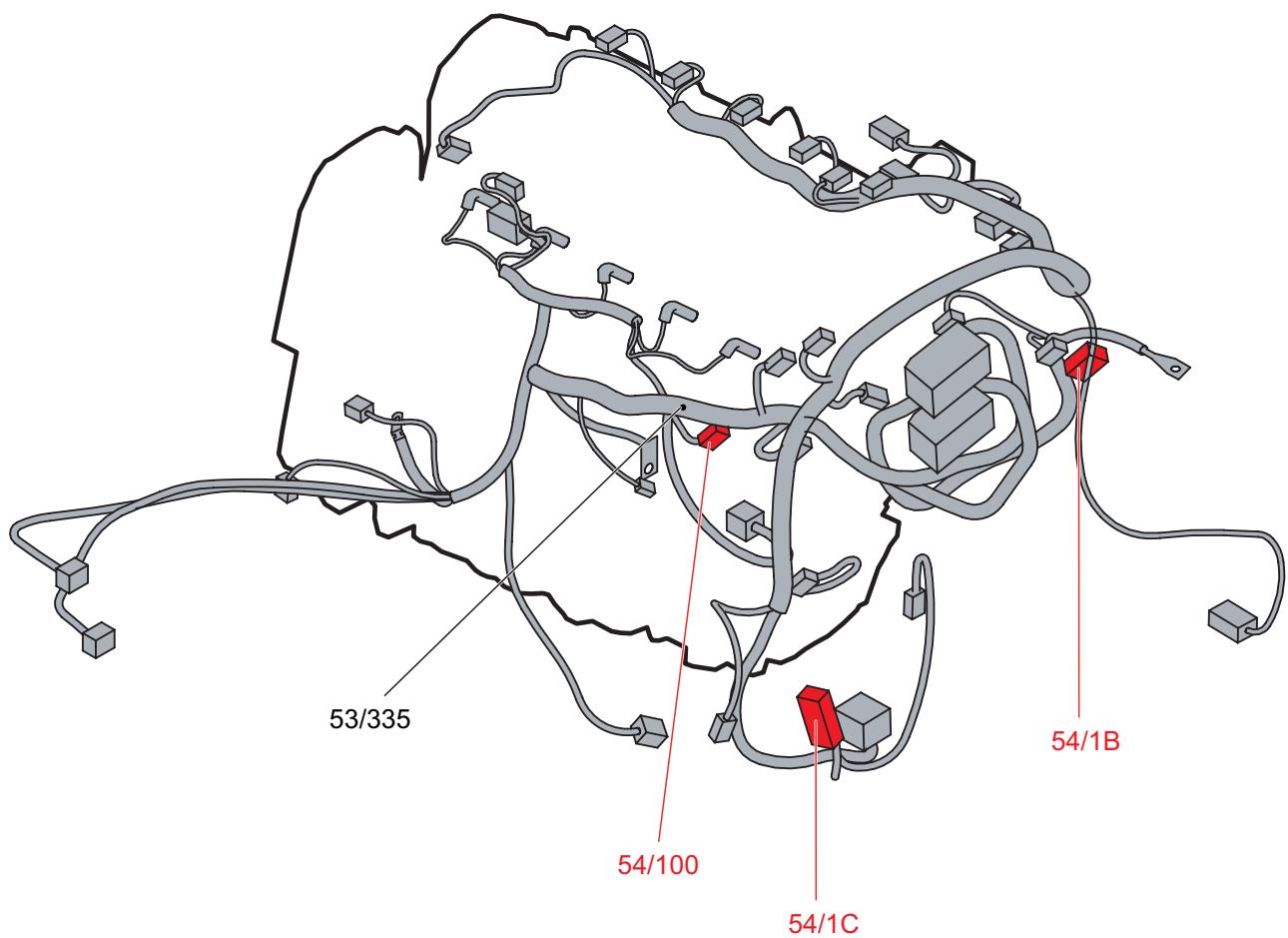
Engine harness, Gasoline



**Cable harness routine in vehicle
Engine harness, Gasoline 6-cyl.**

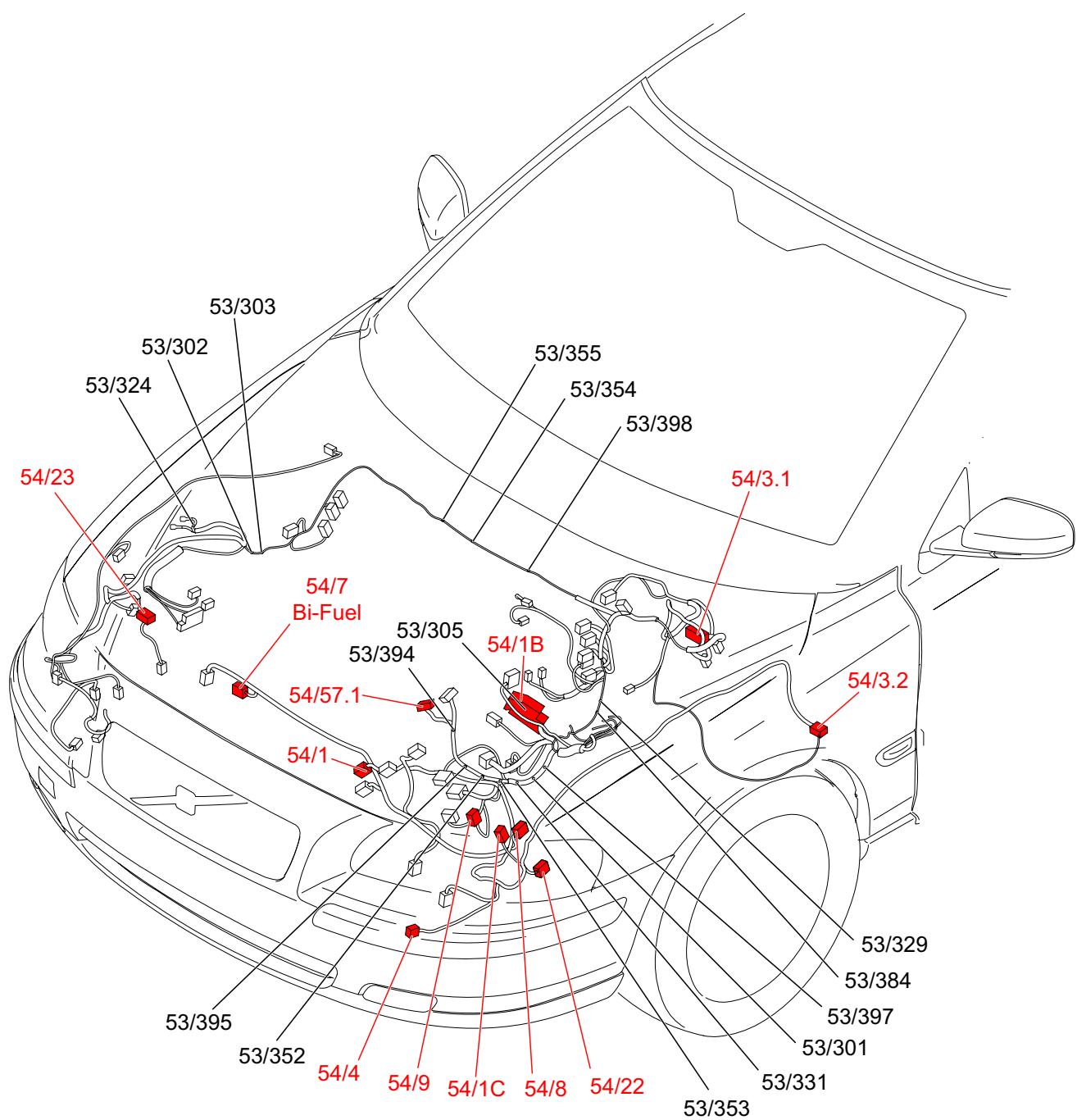


Cable harness routine in vehicle
Engine harness, Diesel



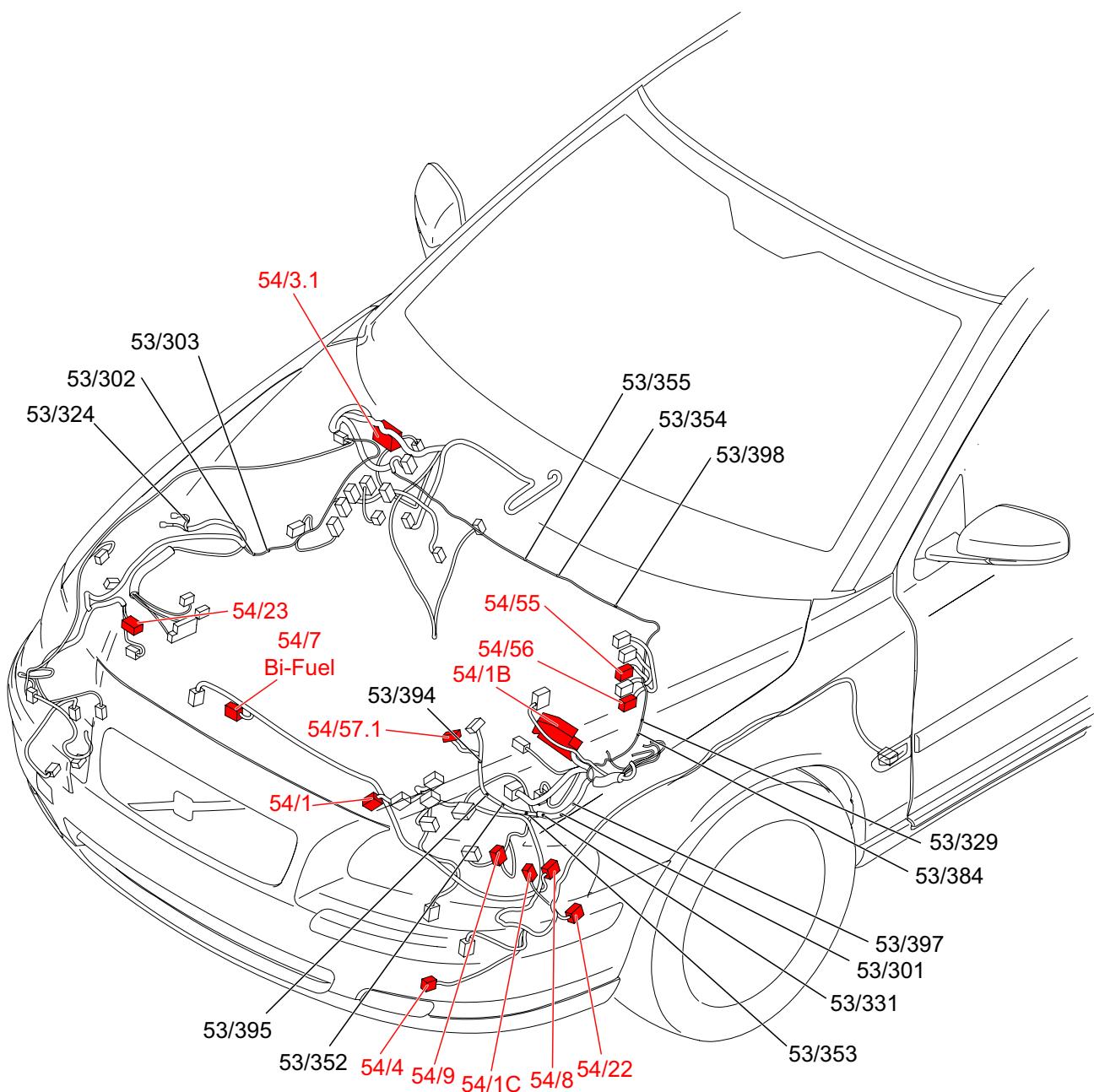
Cable harness routine in vehicle

Engine compartment harness LHD V70

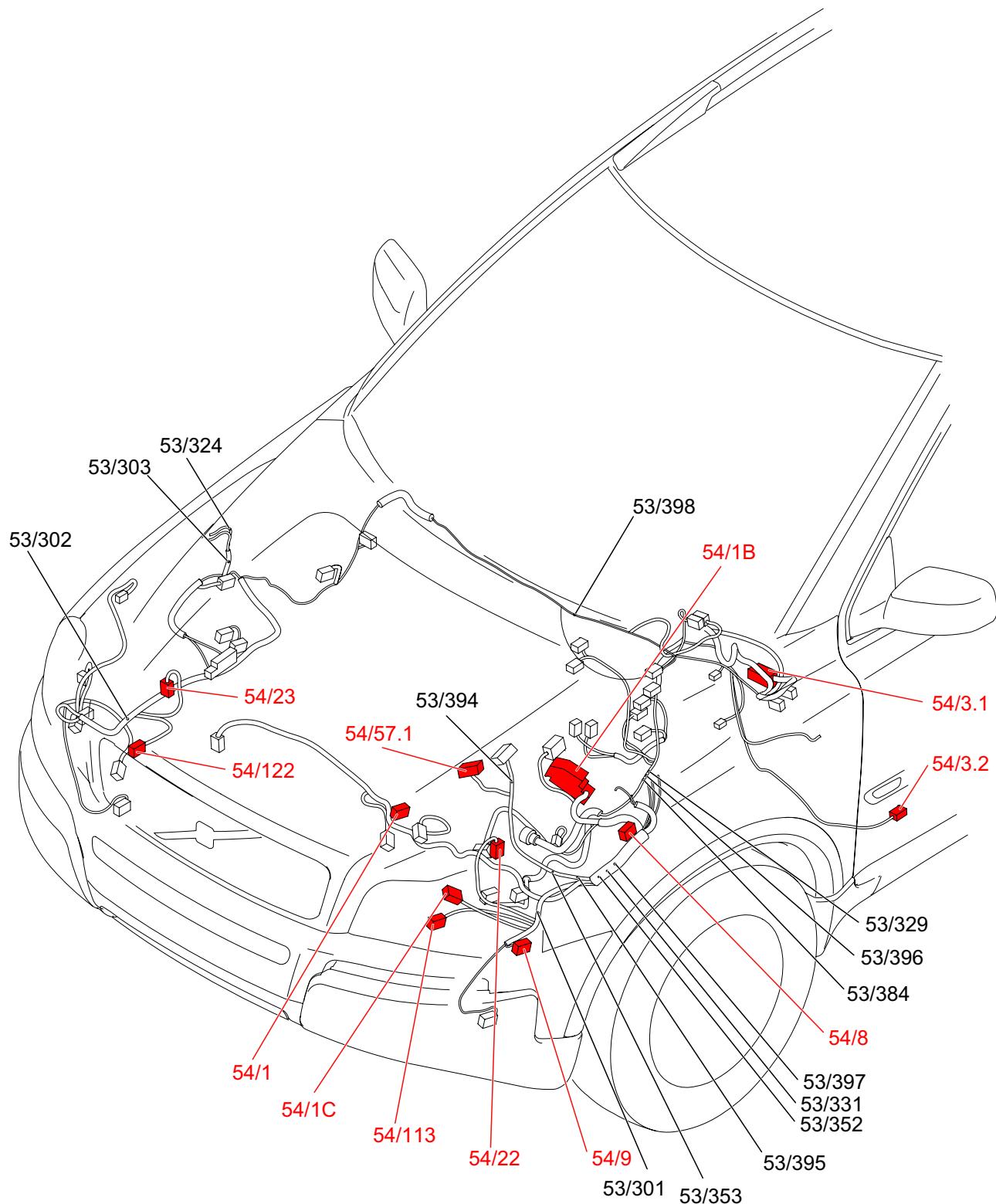


Cable harness routine in vehicle

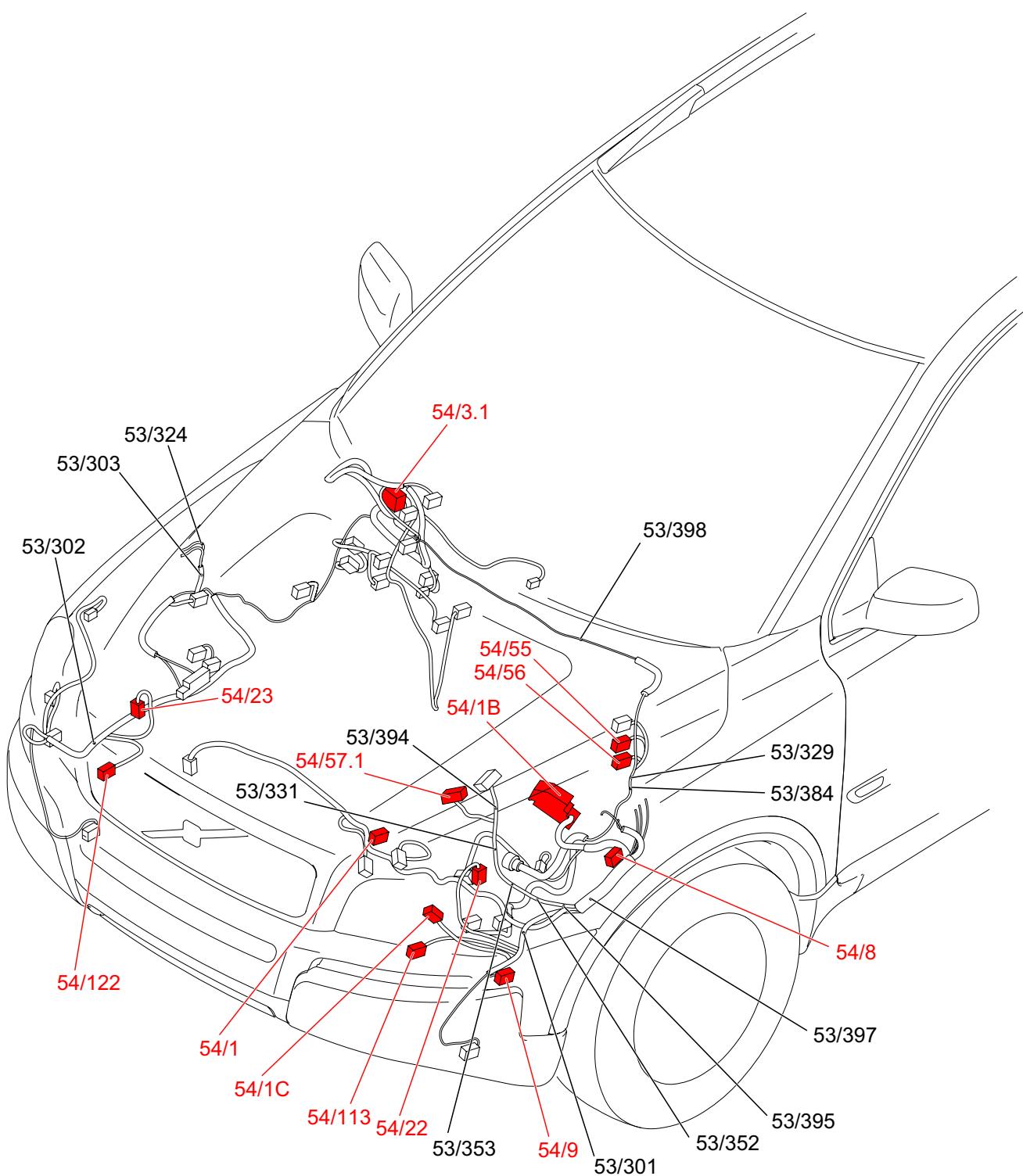
Engine compartment harness RHD V70



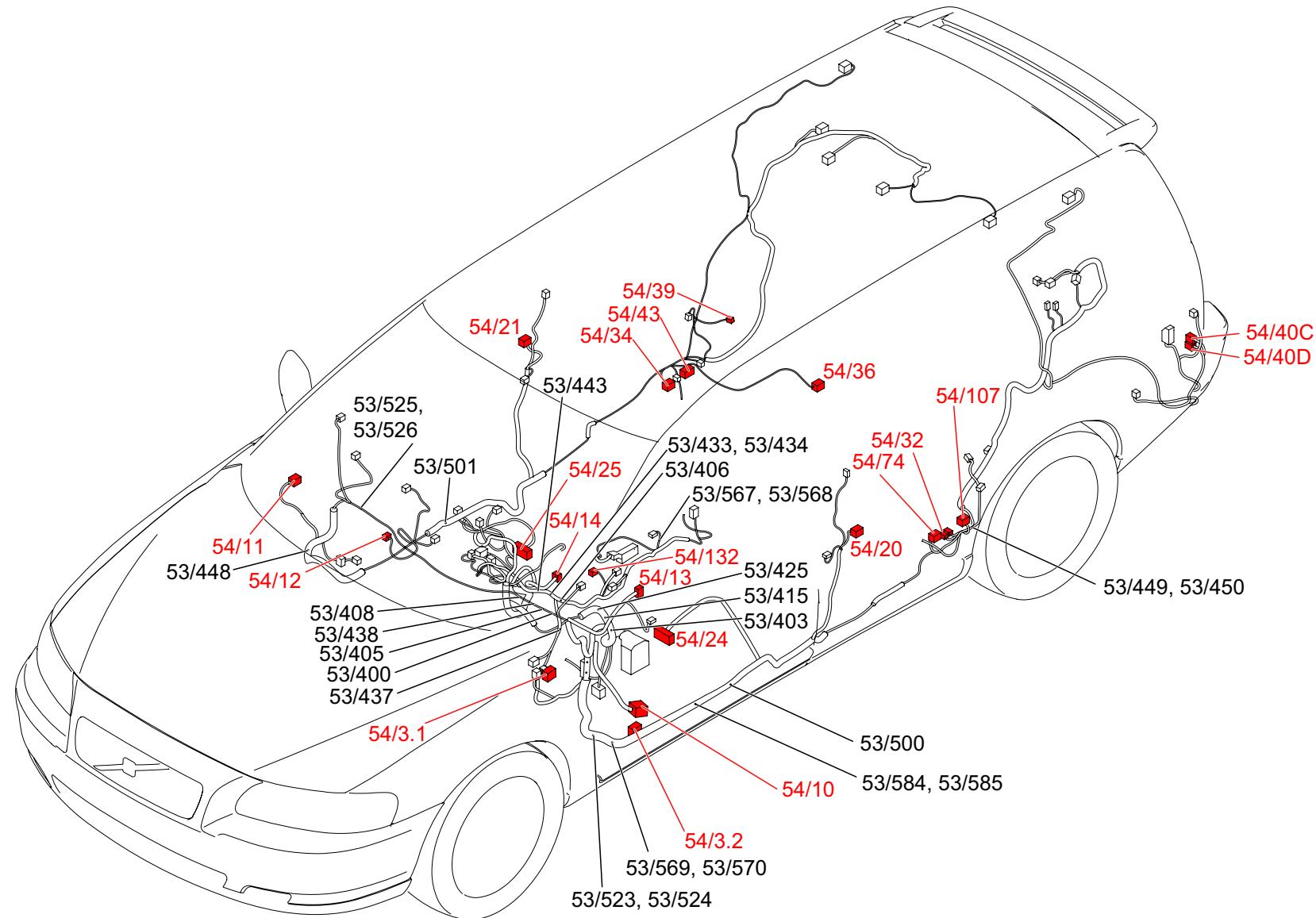
**Cable harness routine in vehicle
Engine compartment harness LHD XC90**



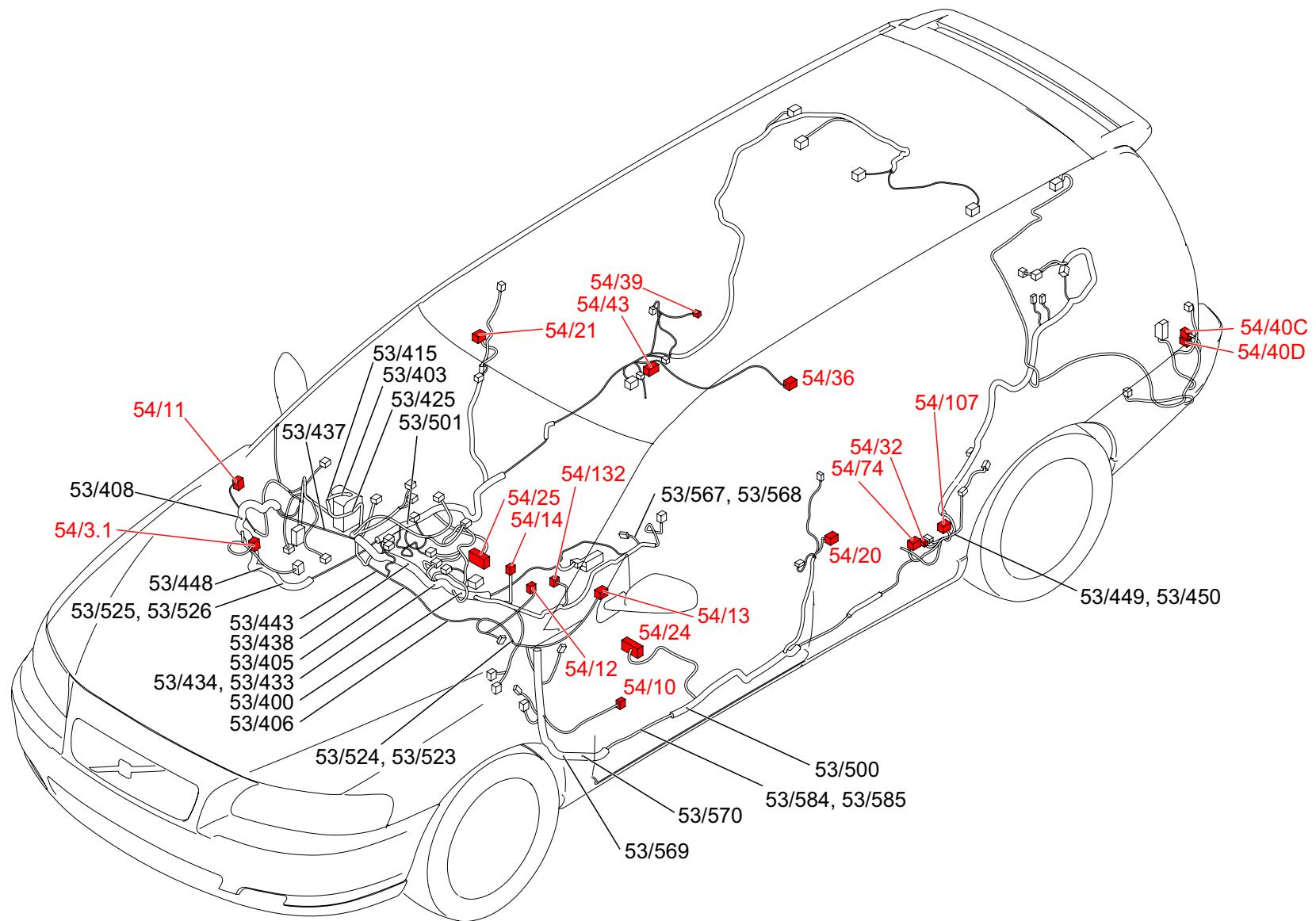
Cable harness routine in vehicle
Engine compartment harness RHD XC90



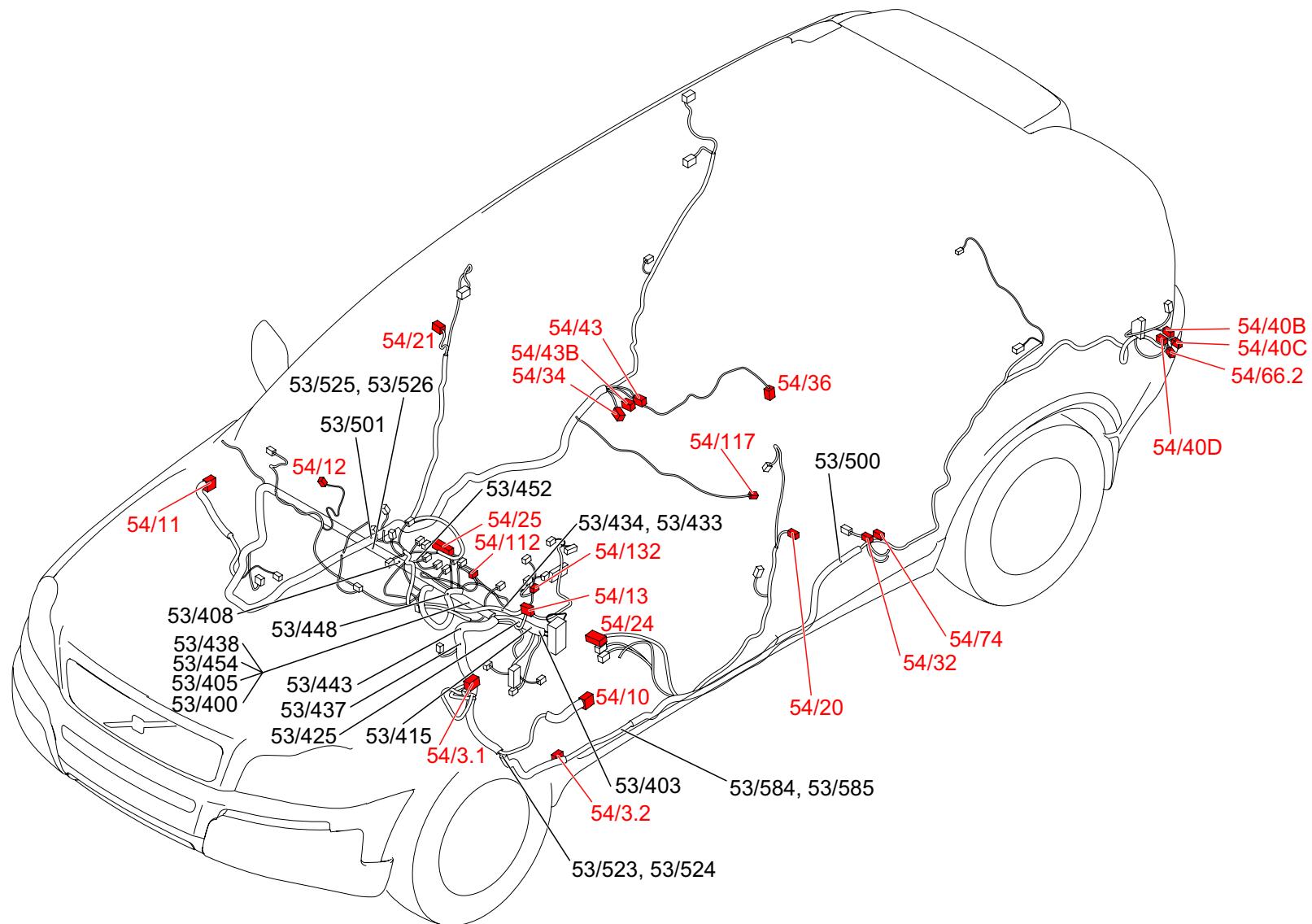
Cable harness routine in vehicle
Passenger compartment harness LHD V70



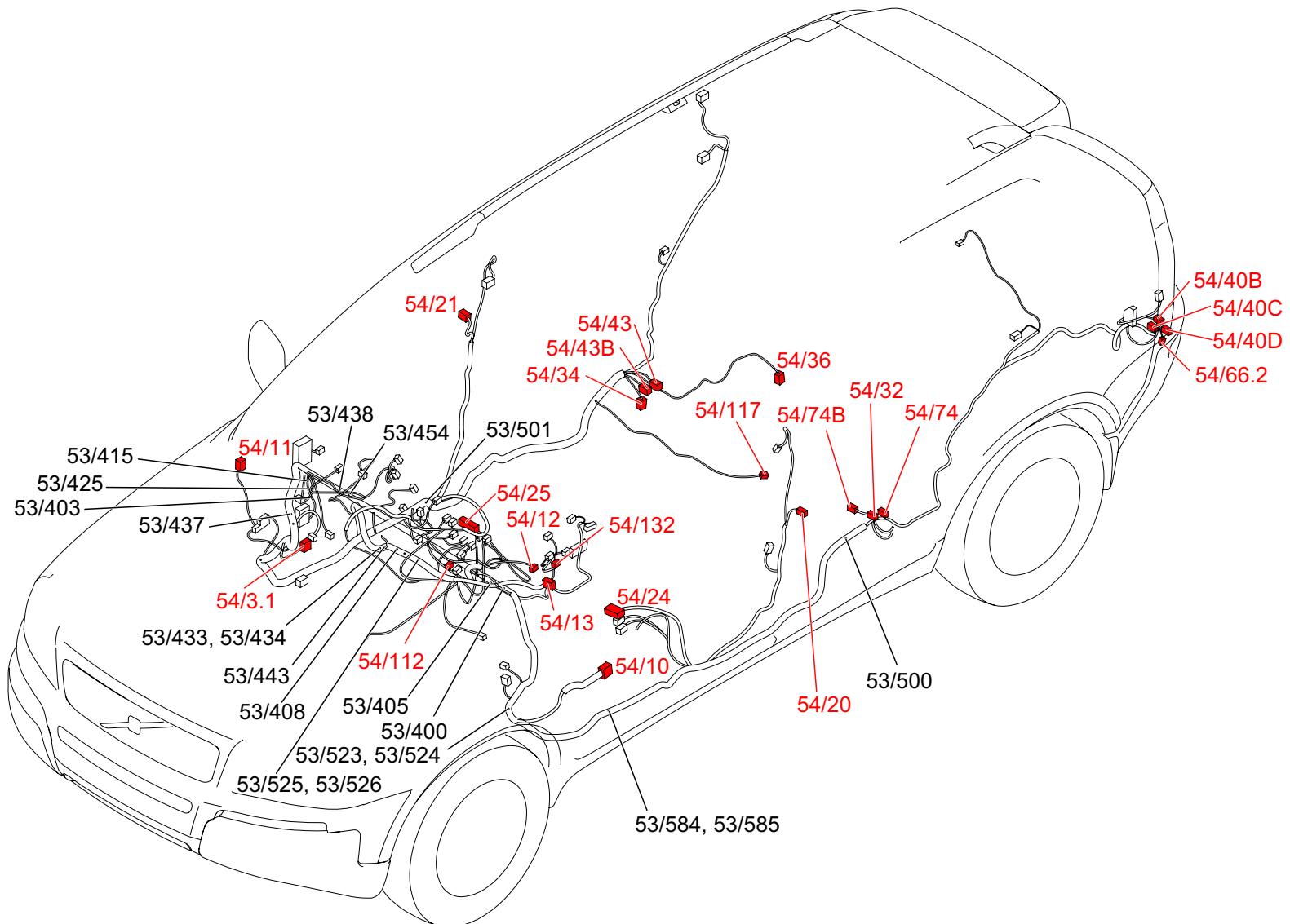
Cable harness routine in vehicle
Passenger compartment harness RHD V70



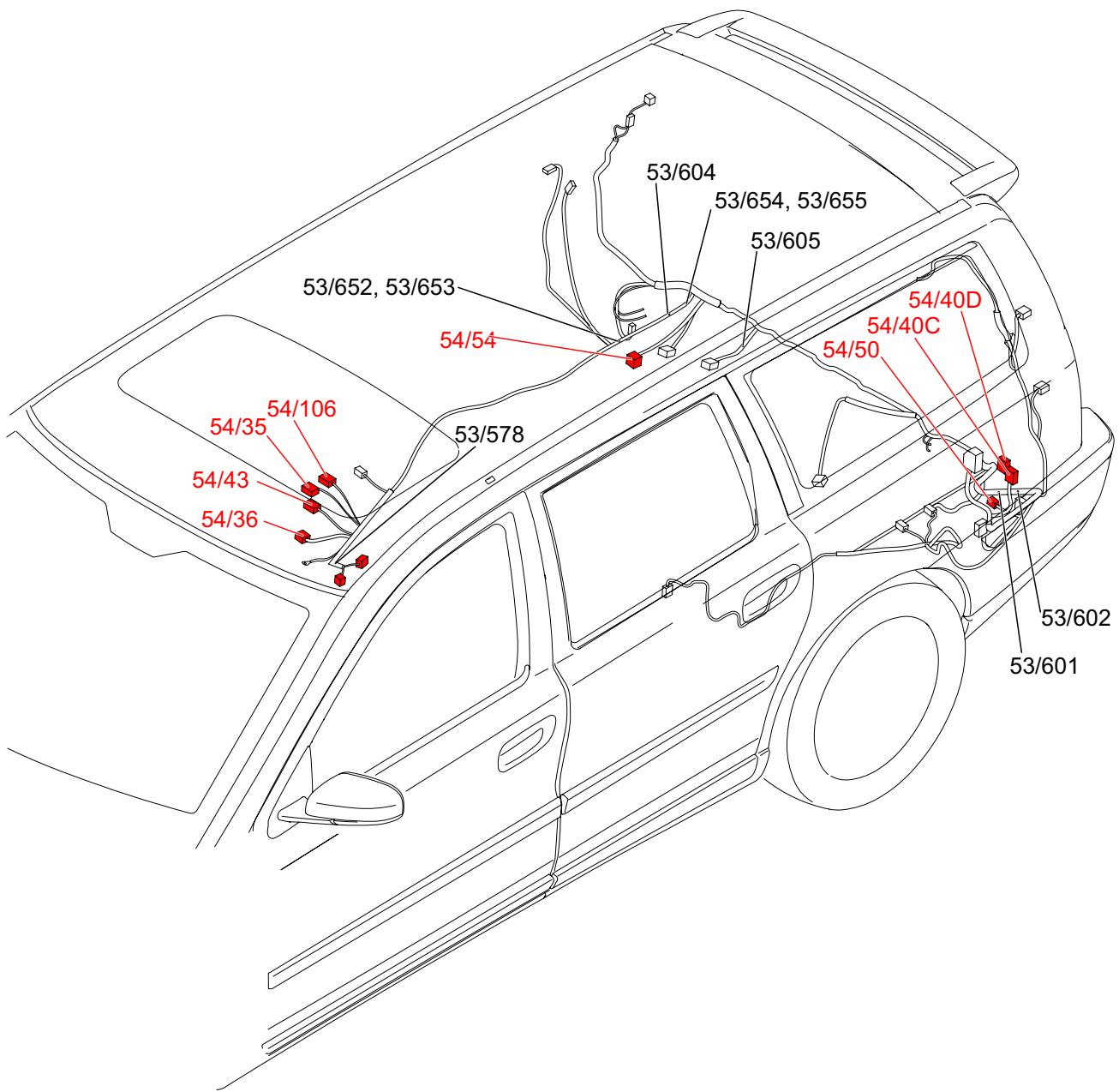
Cable harness routine in vehicle
Passenger compartment harness LHD XC90



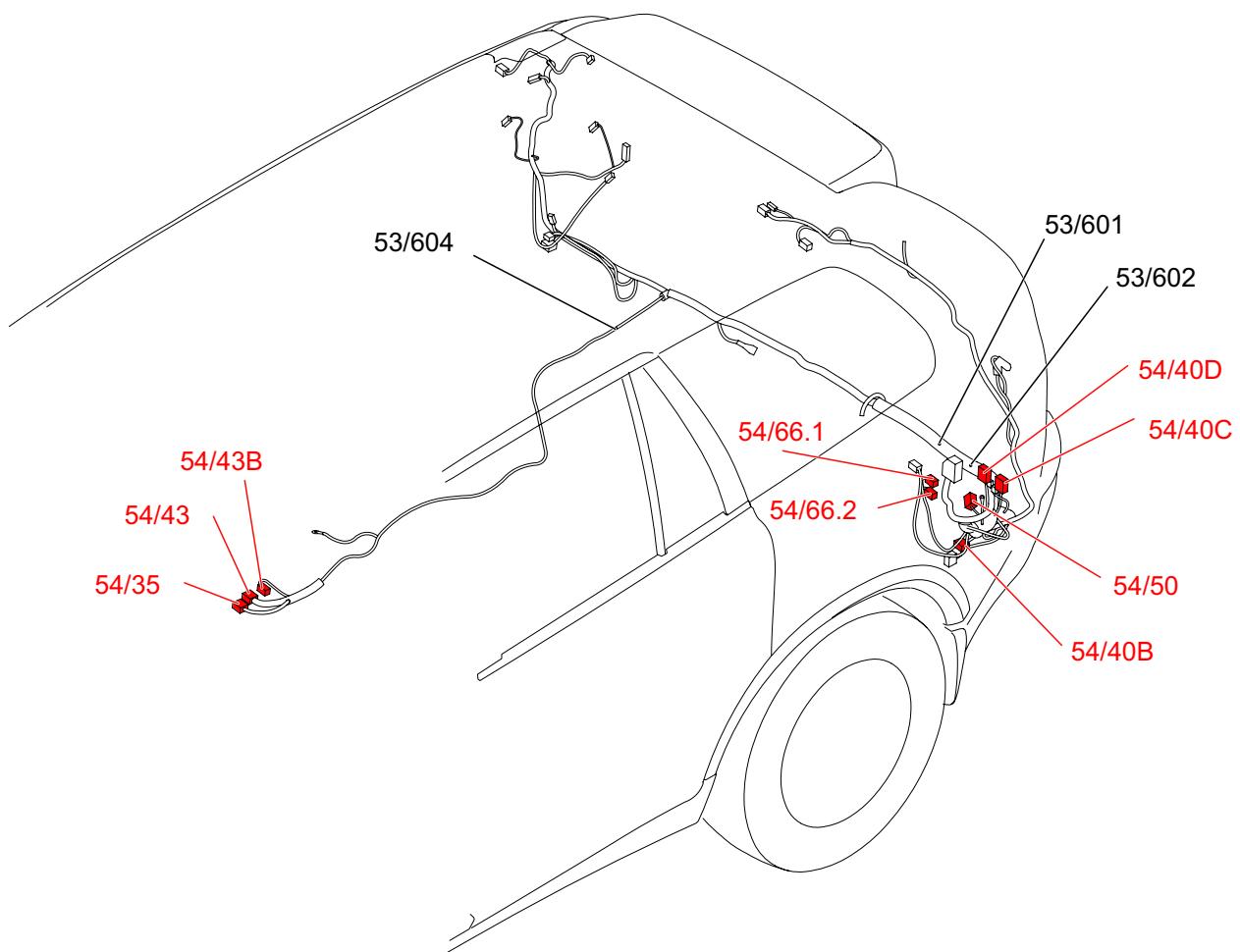
Cable harness routine in vehicle
Passenger compartment harness RHD XC90



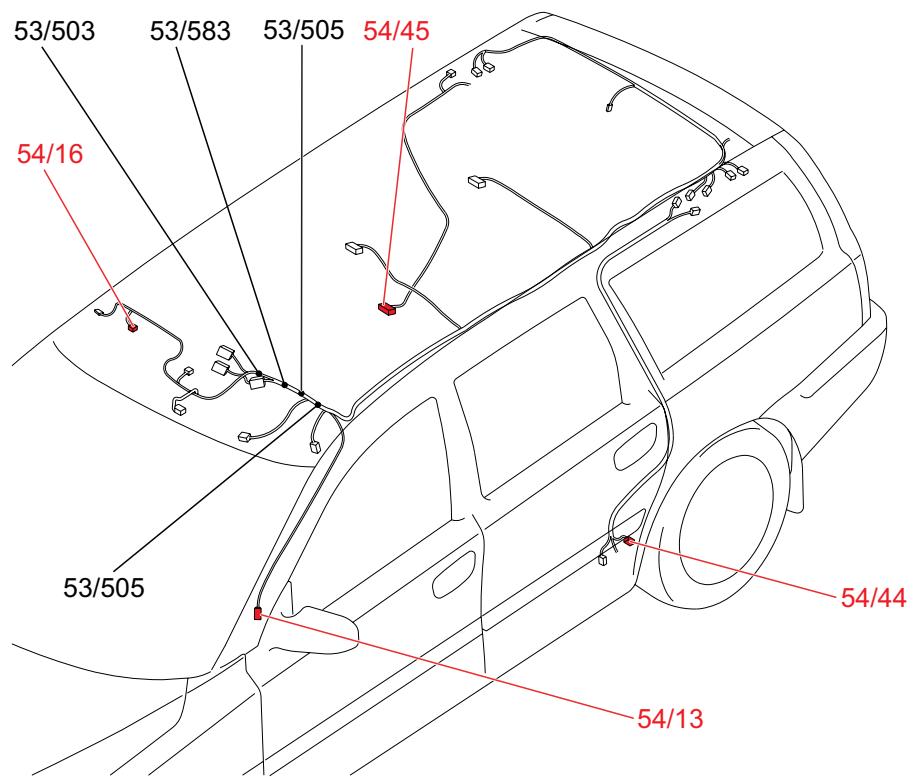
Cable harness routine in vehicle Cargo compartment harness V70



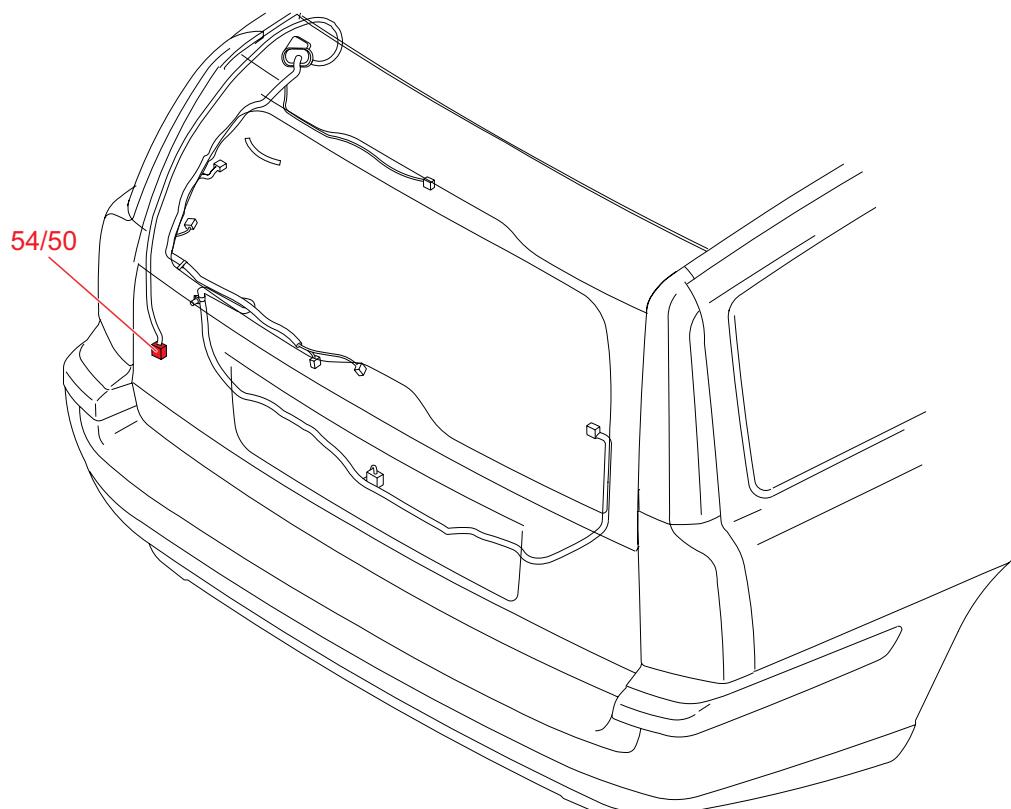
**Cable harness routine in vehicle
Cargo compartment harness XC90**



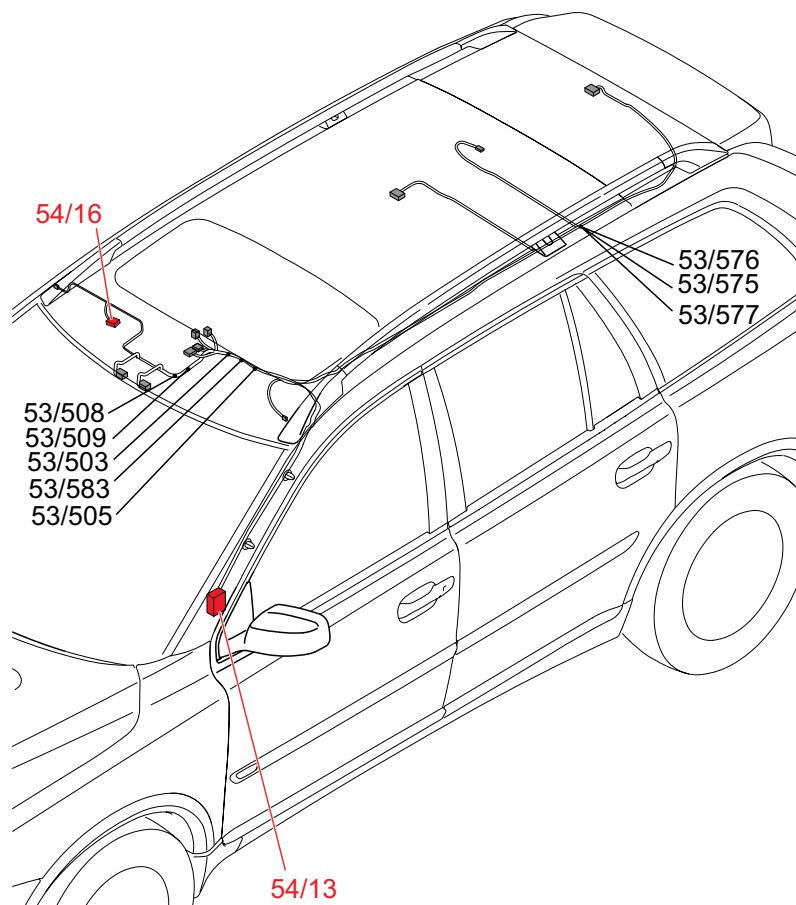
Cable harness routine in vehicle Roof harness & Inflatable curtain harness V70



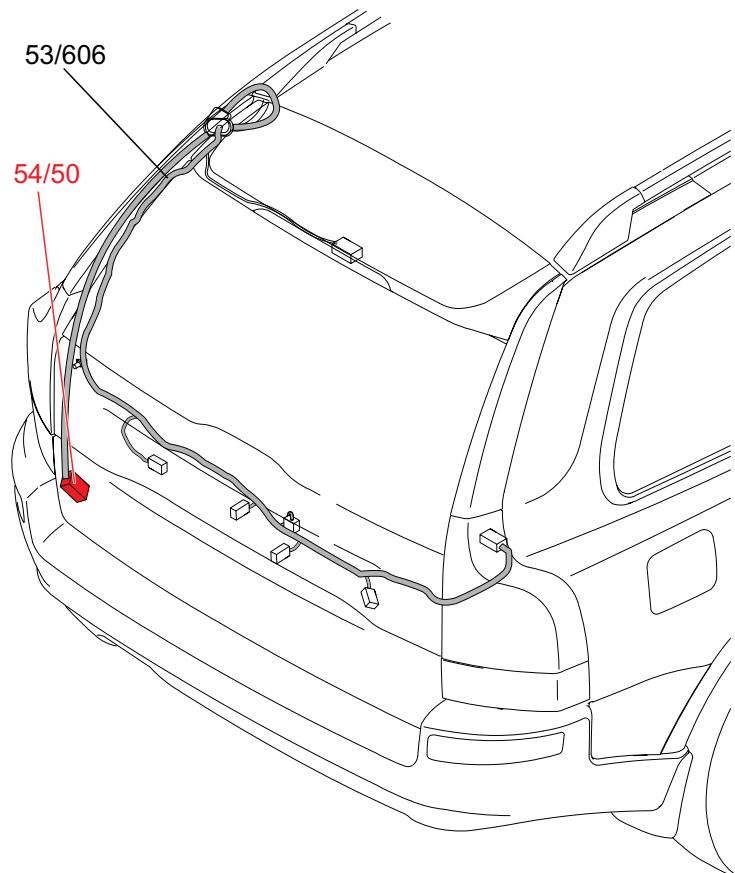
Tailgate harness V70



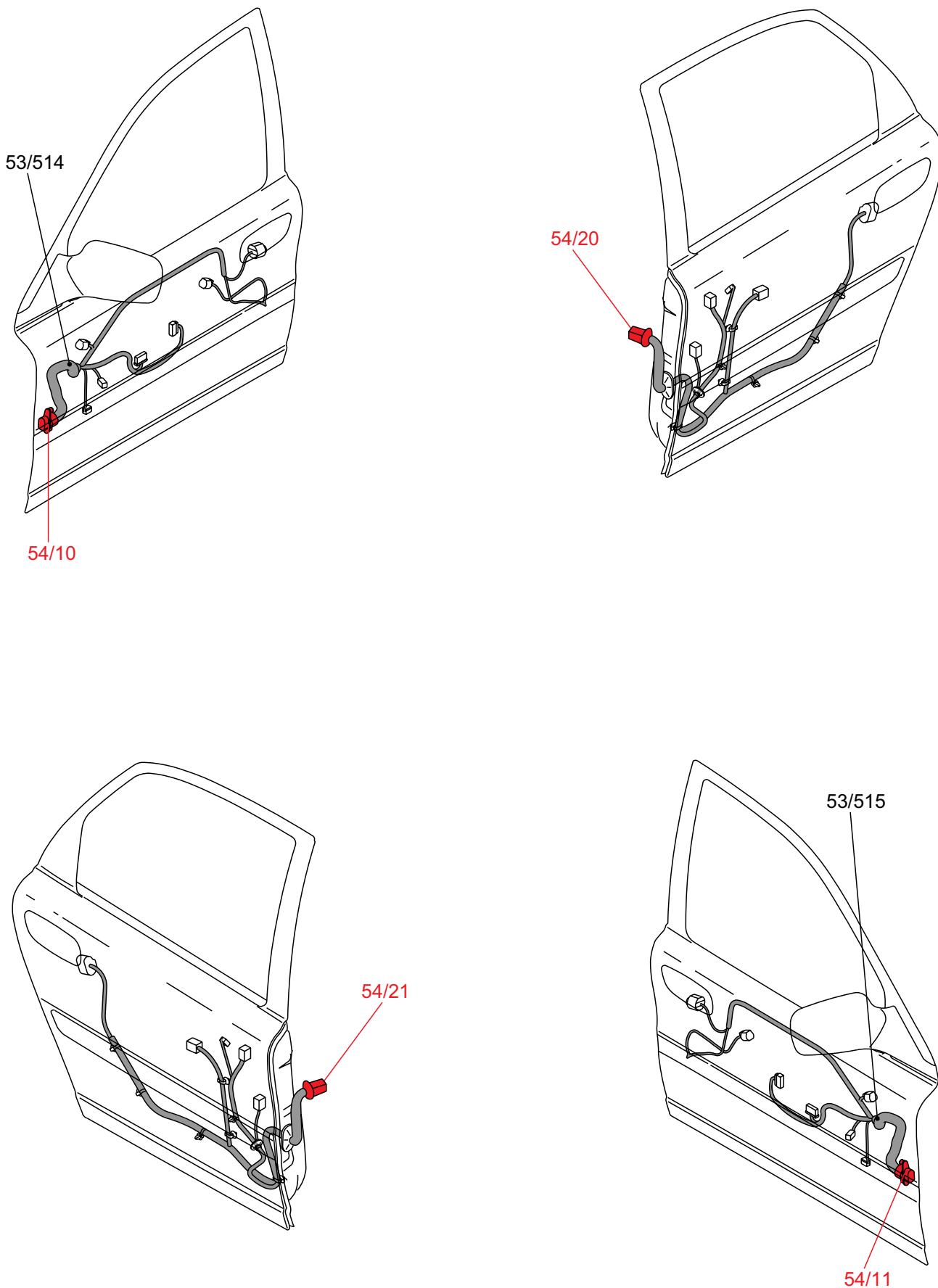
Cable harness routine in vehicle Roof harness XC90



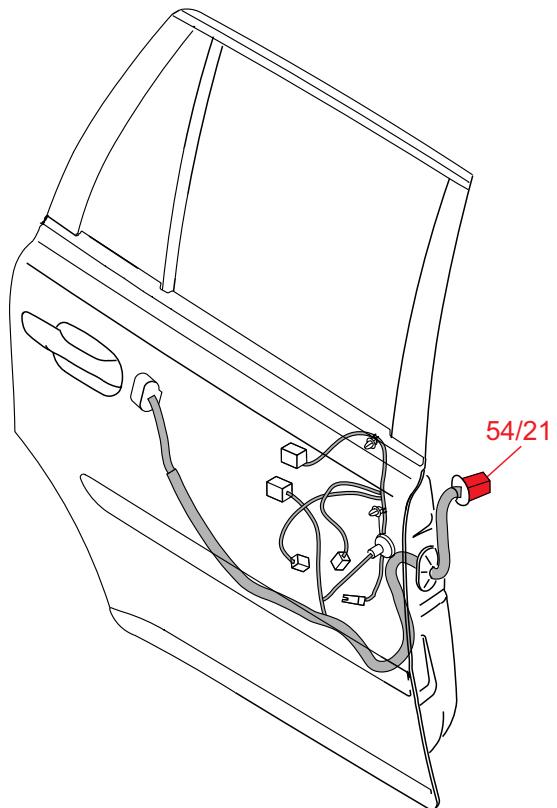
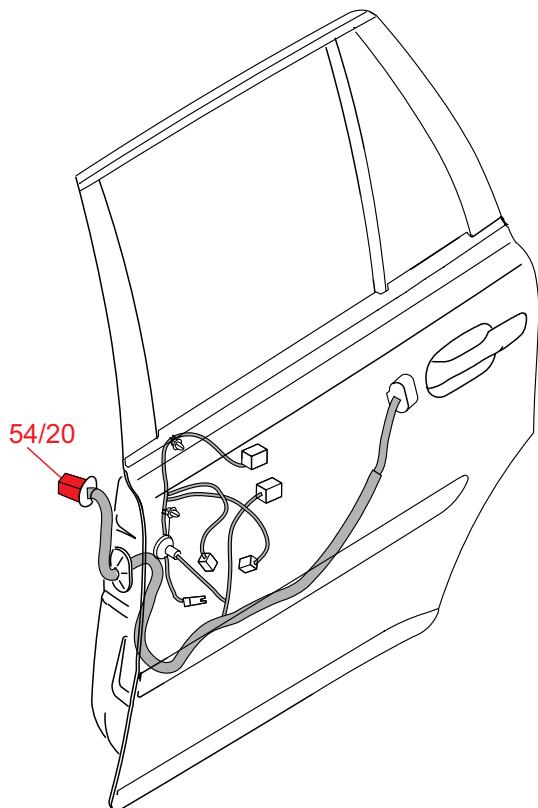
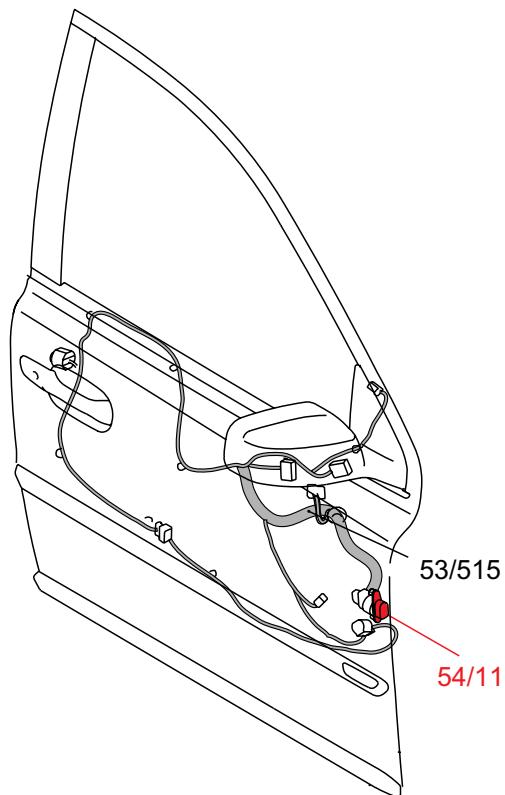
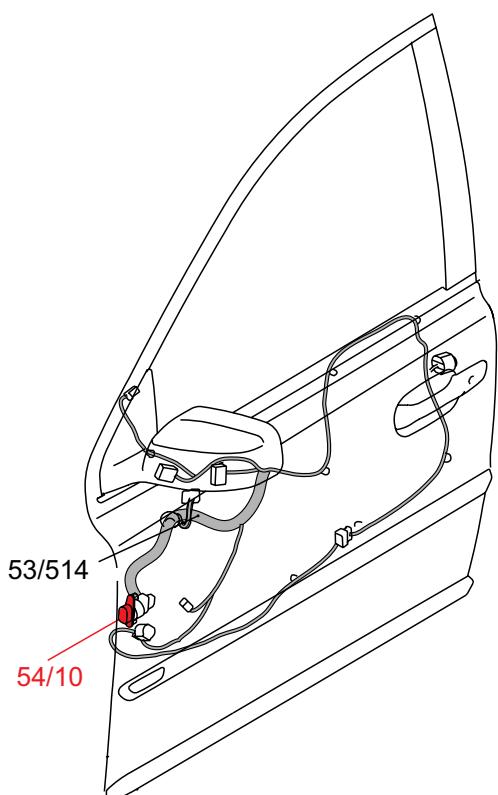
Tailgate harness XC90



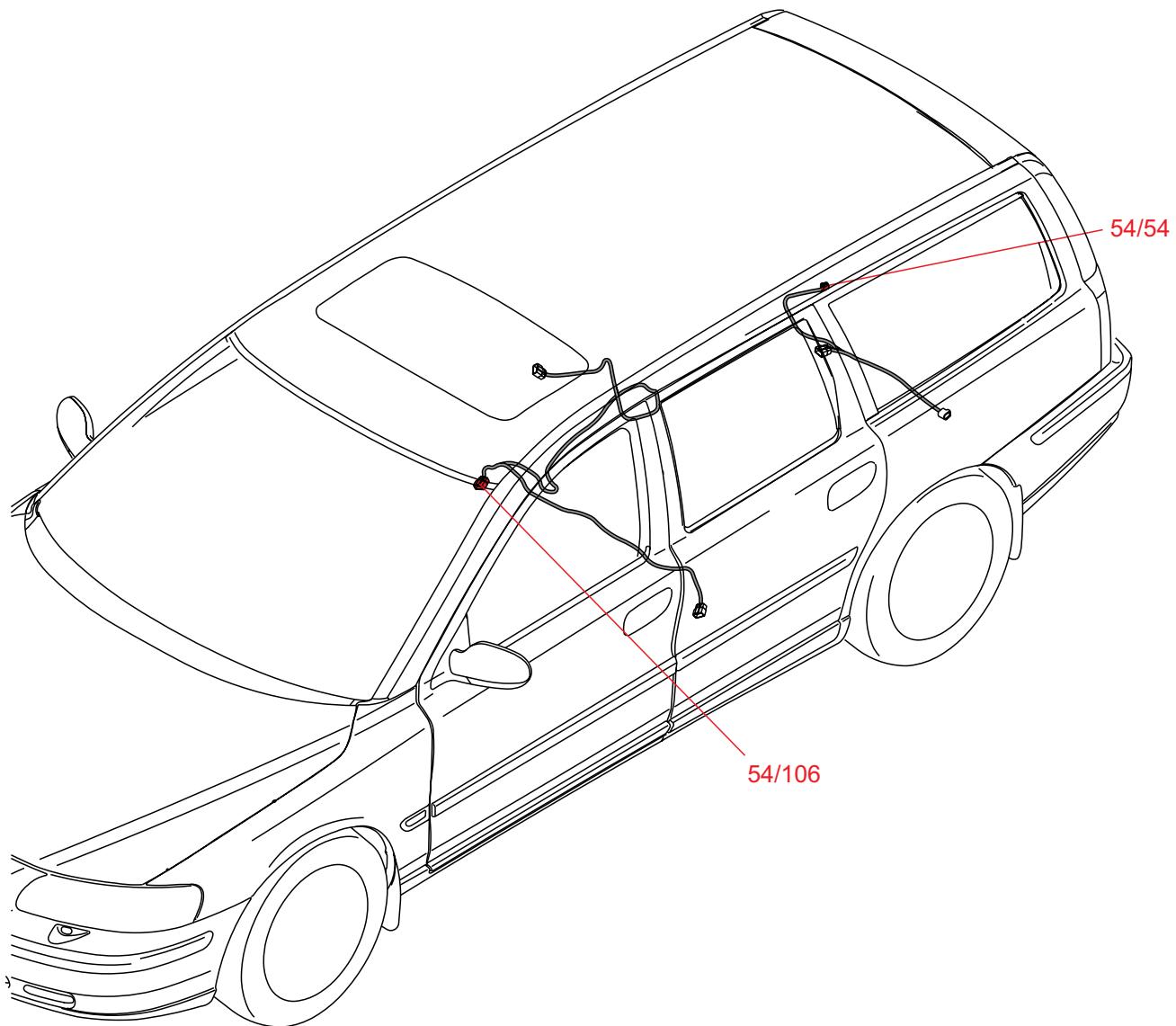
Cable harness routine in vehicle Door harness V70



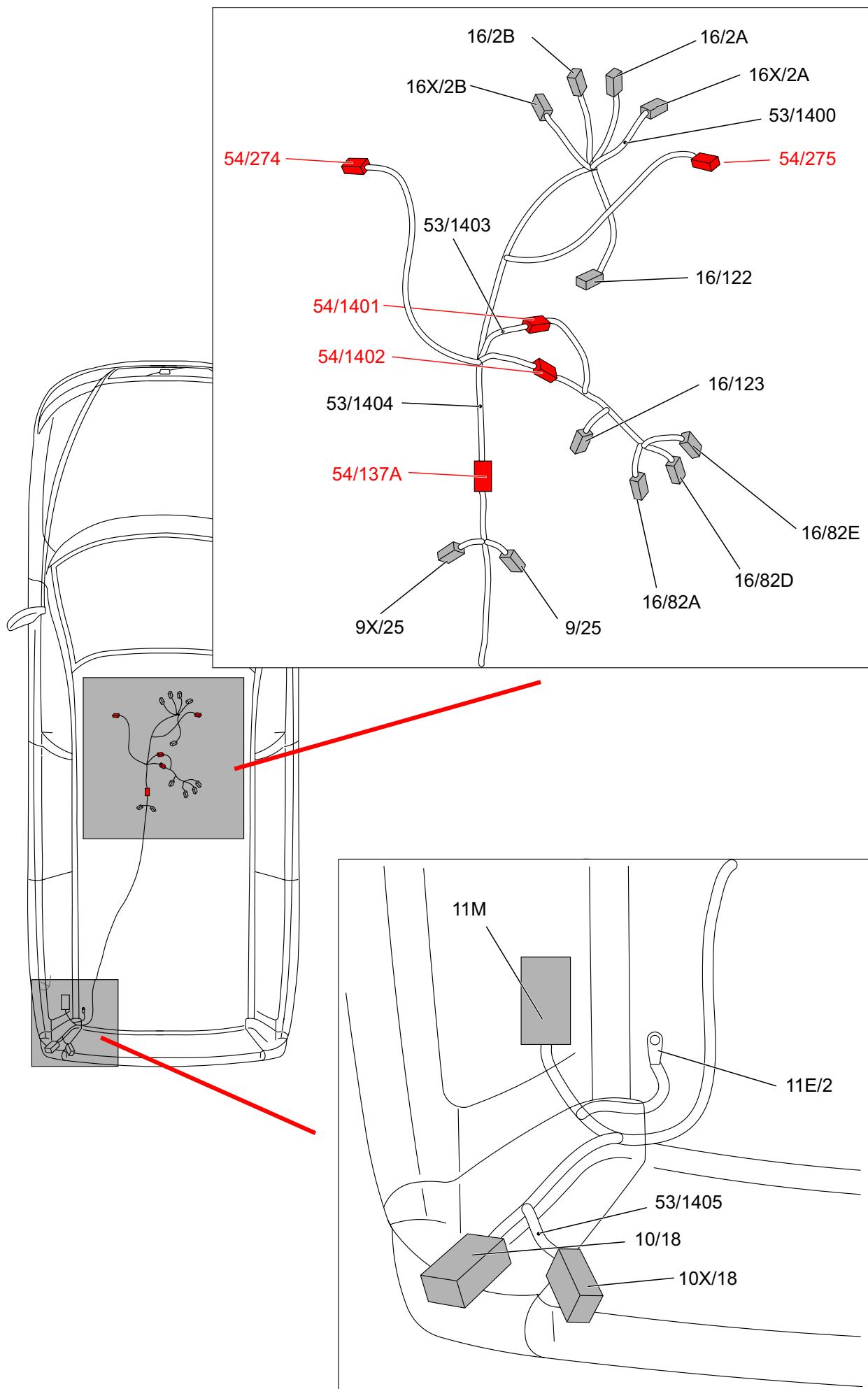
Cable harness routine in vehicle
Door harness XC90



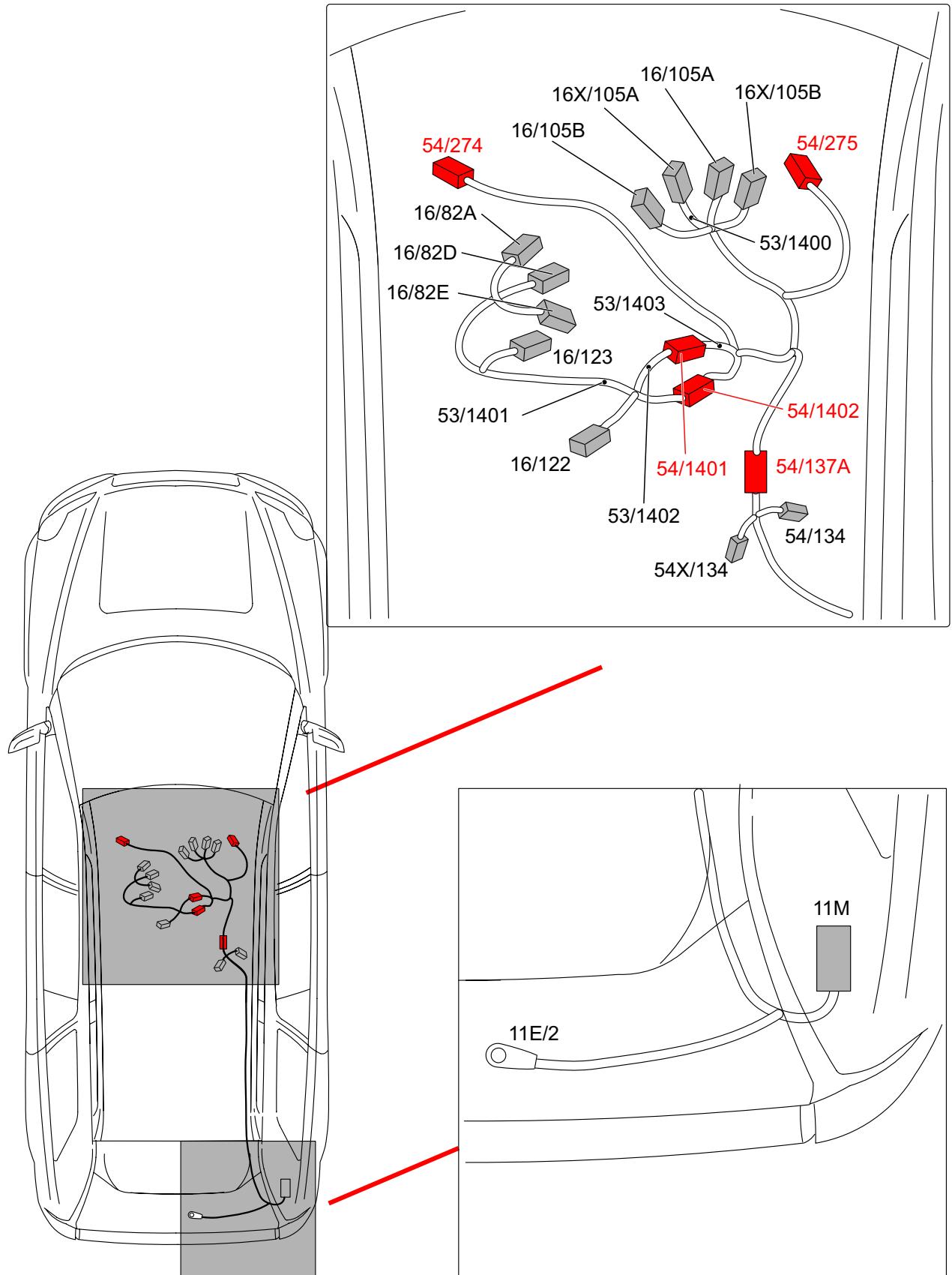
**Cable harness routine in vehicle
Bi-Fuel harnesses V70**



Cable harness routine in vehicle Rear seat entertainment V70



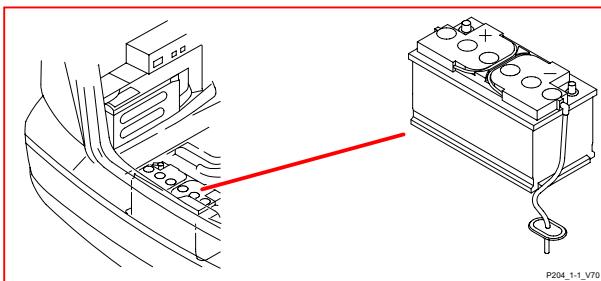
Cable harness routine in vehicle Rear seat entertainment XC90



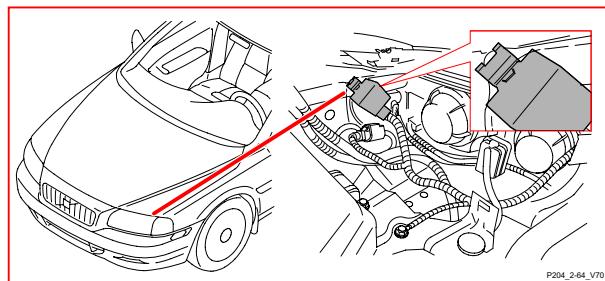
Component illustrations

1/1 - 2/138 V70

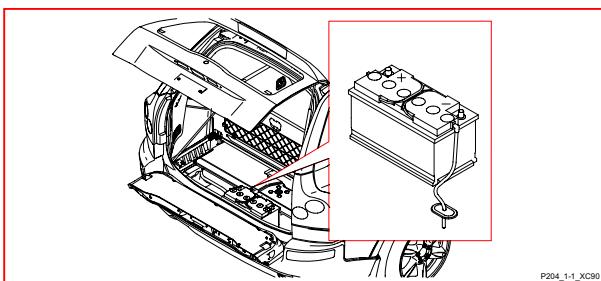
1/1 Battery V70



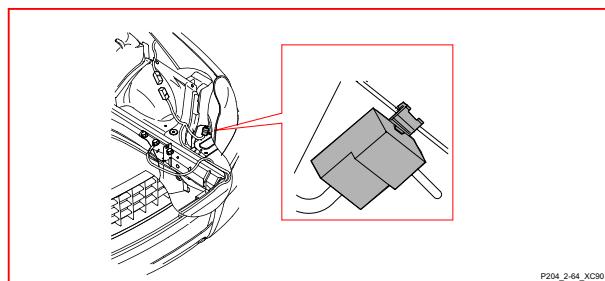
2/64 Auxiliary light relay V70



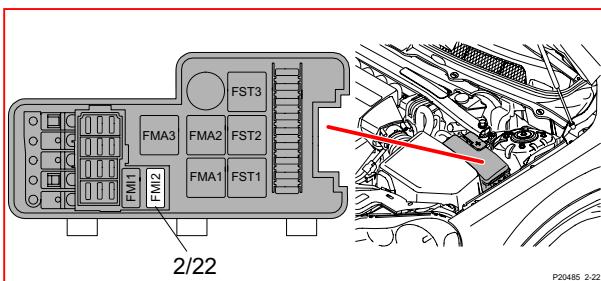
1/1 Battery XC90



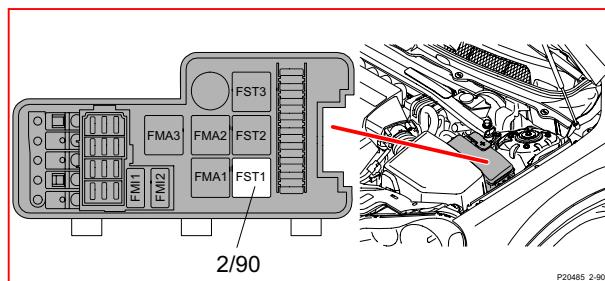
2/64 Auxiliary light relay XC90



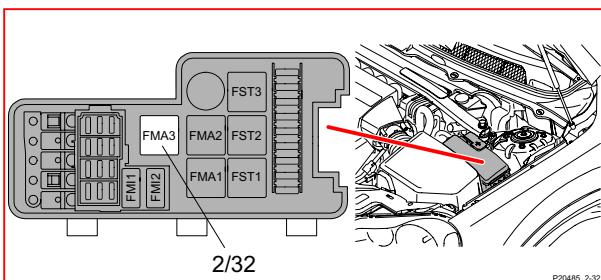
2/22 Relay, climate control system



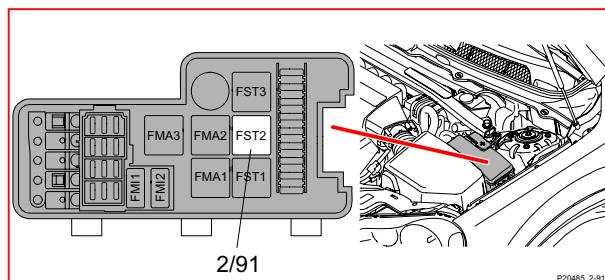
2/90 Relay, windshield wiper, low/high speed



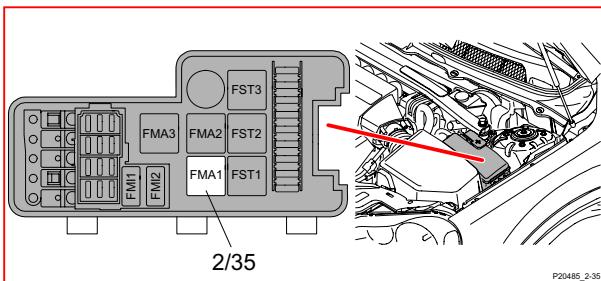
2/32 Main relay, engine management system



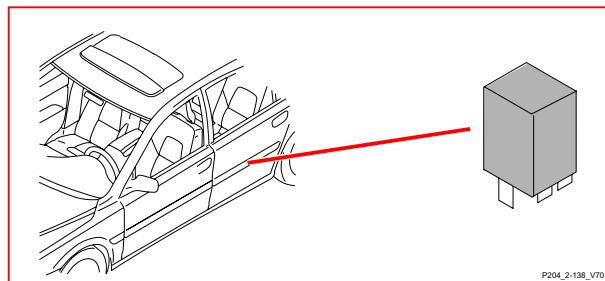
2/91 Relay, intermittent wiping



2/35 Relay, starter motor



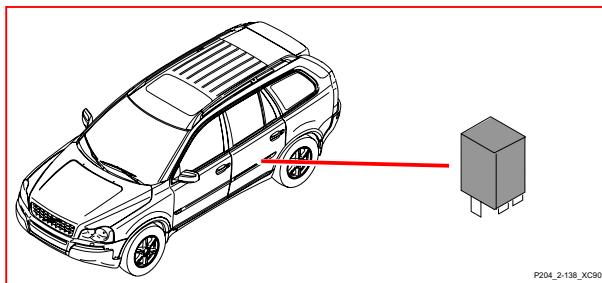
2/138 Deadlock relay, left rear door V70



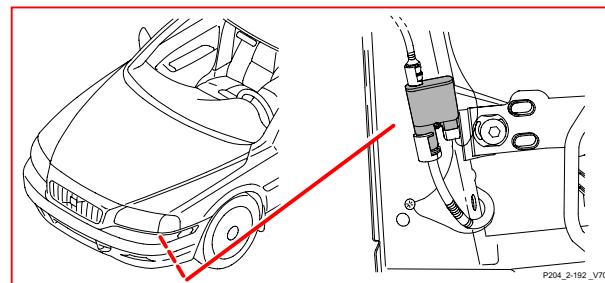
Component illustrations

2/138 XC90 - 3/1 XC90

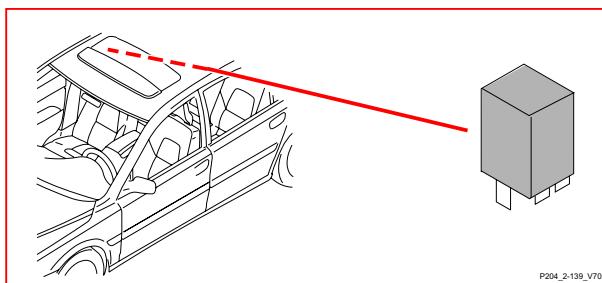
2/138 Deadlock relay, left rear door XC90



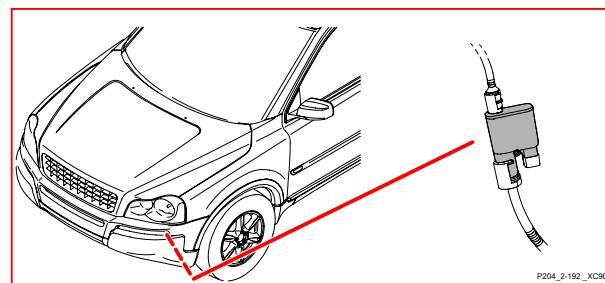
2/192 Relay, electric engine heater V70



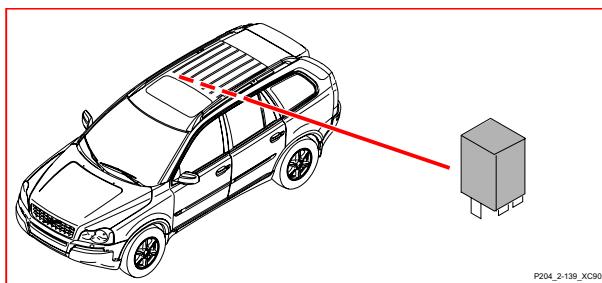
2/139 Deadlock relay, right rear door V70



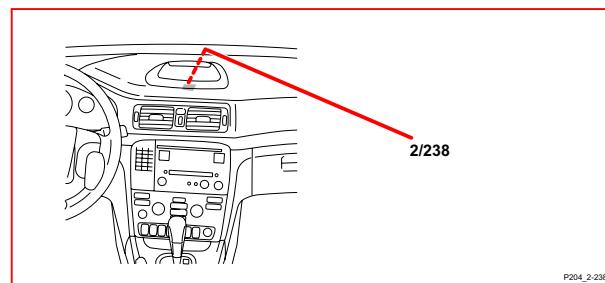
2/192 Relay, electric engine heater XC90



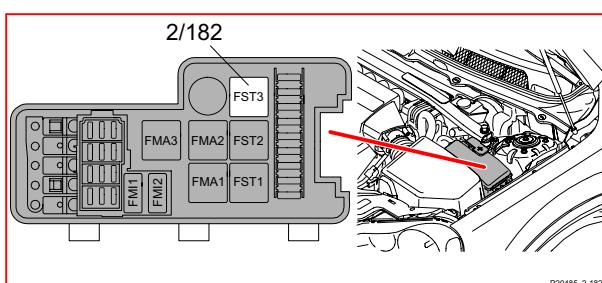
2/139 Deadlock relay, right rear door XC90



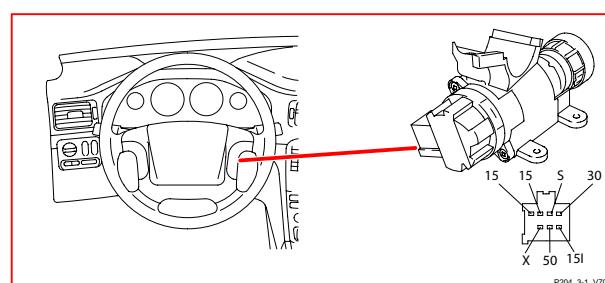
2/238 Relay, audio disconnection



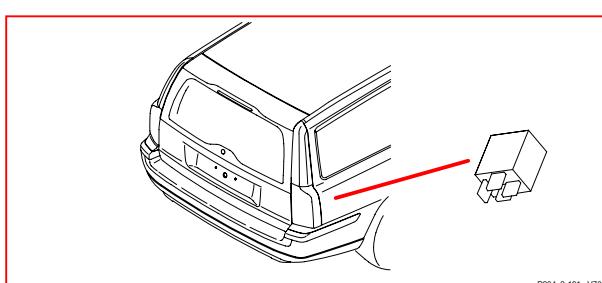
2/182 Relay, high pressure headlight washer motor



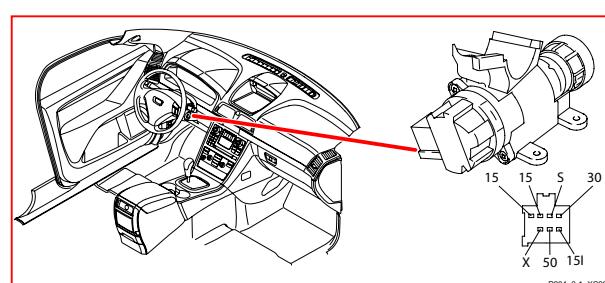
3/1 Ignition switch V70



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



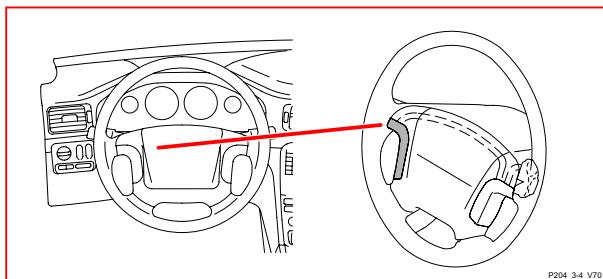
3/1 Ignition switch XC90



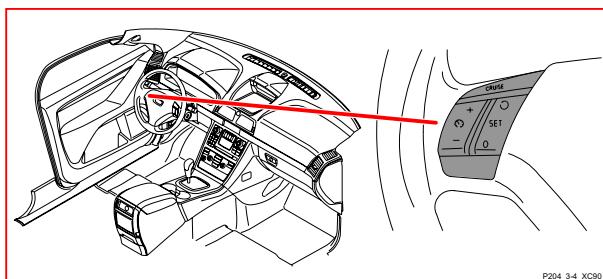
Component illustrations

3/4 - 3/25 XC90

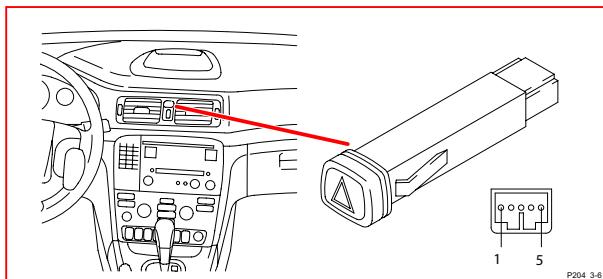
3/4 Steering Wheel Switch Left (SWSL) V70



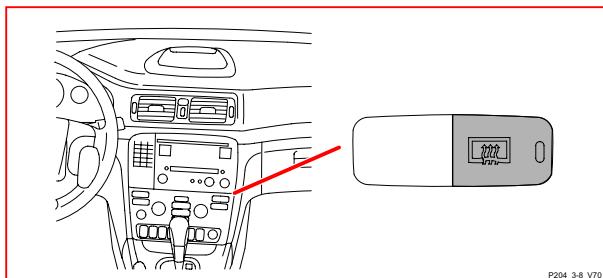
3/4 Steering Wheel Switch Left (SWSL) XC90



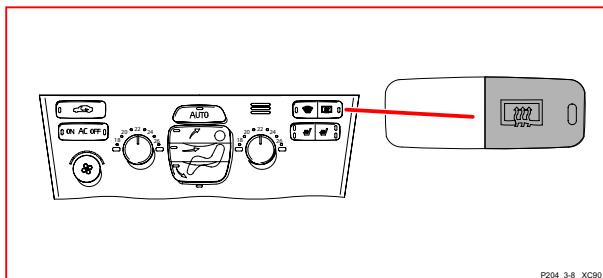
3/6 Switch, hazard warning flashers



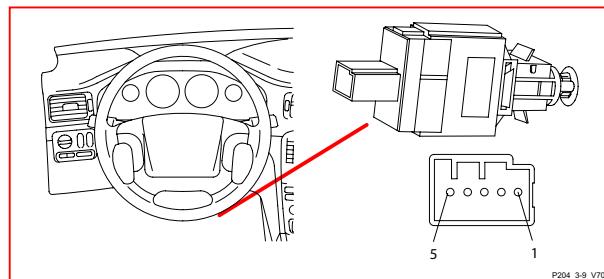
3/8 Switch, heated rear window/exterior rearview mirrors V70



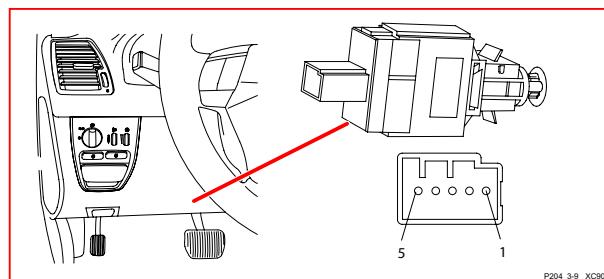
3/8 Switch, heated rear window/exterior rearview mirrors XC90



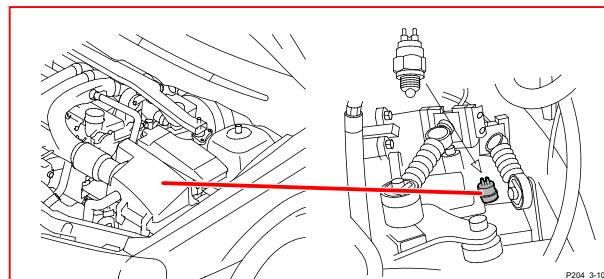
3/9 Brake light contact V70



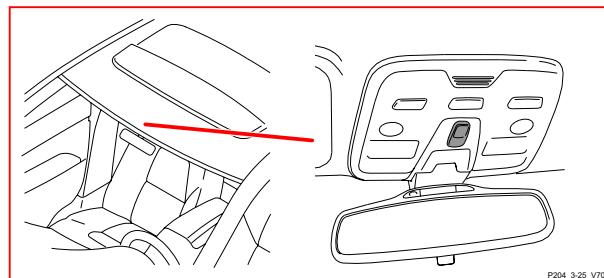
3/9 Brake light contact XC90



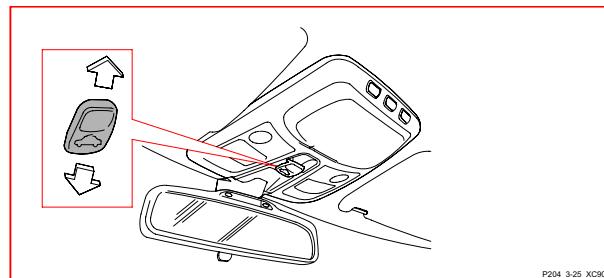
3/10 Reversing light contact



3/25 Power sunroof switch V70



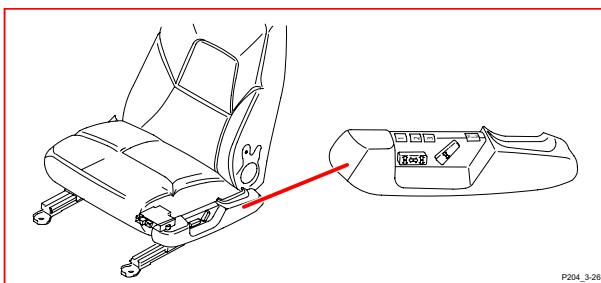
3/25 Power sunroof switch XC90



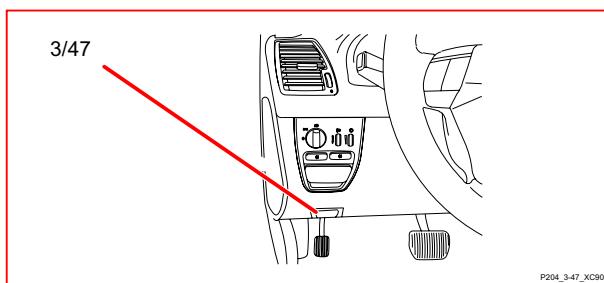
Component illustrations

3/26 - 3/60 XC90

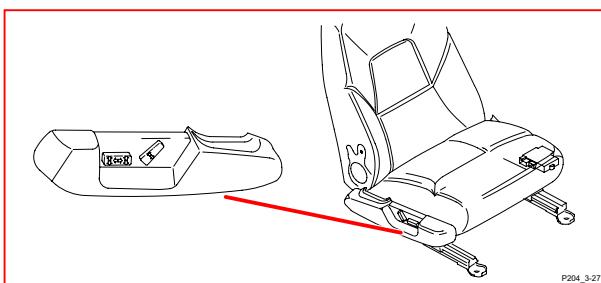
3/26 Switch unit, power driver's seat



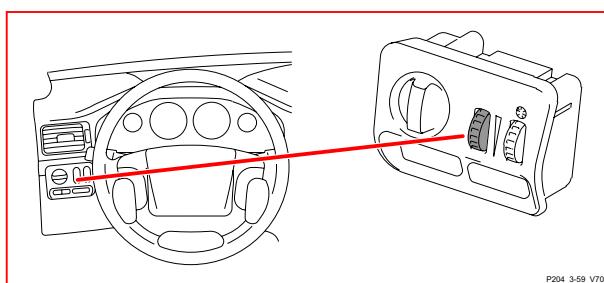
3/47 Parking brake contact XC90



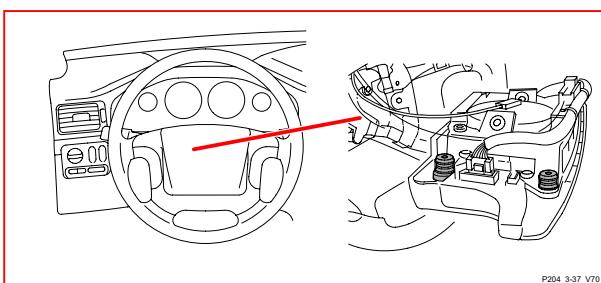
3/27 Switch unit, power passenger seat



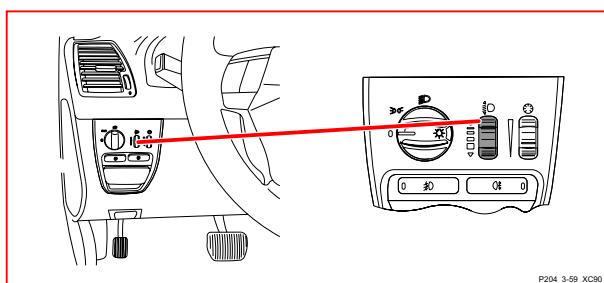
3/59 Headlight adjustment control V70



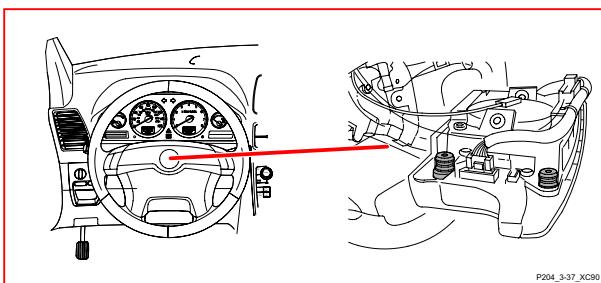
3/37 Horn contact V70



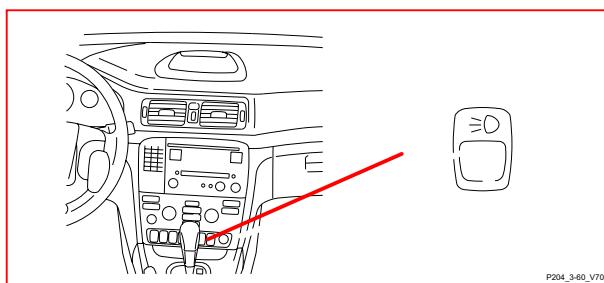
3/59 Headlight adjustment control XC90



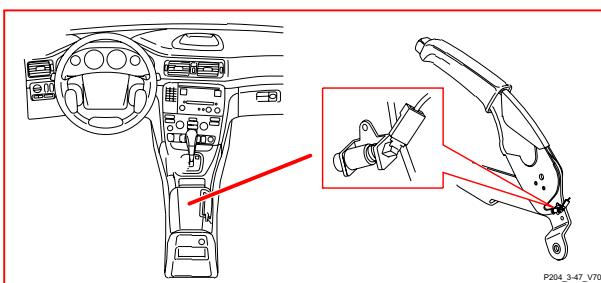
3/37 Horn contact XC90



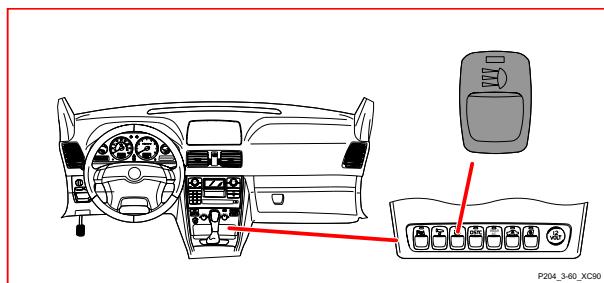
3/60 Auxiliary light switch V70



3/47 Parking brake contact V70



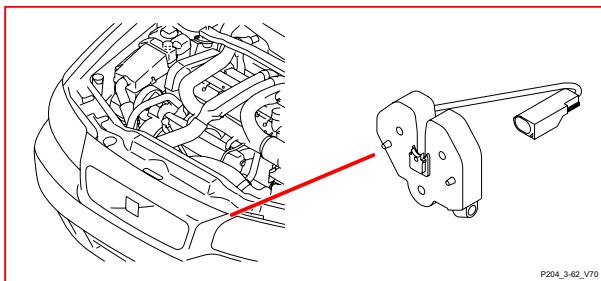
3/60 Auxiliary light switch XC90



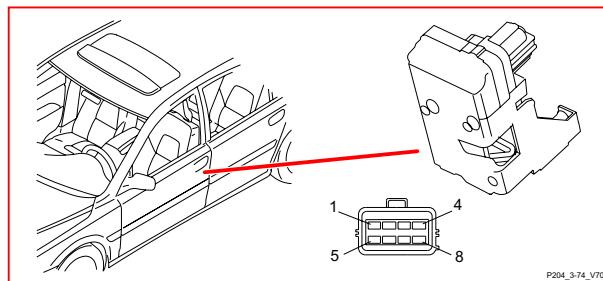
Component illustrations

3/62 - 3/76 V70

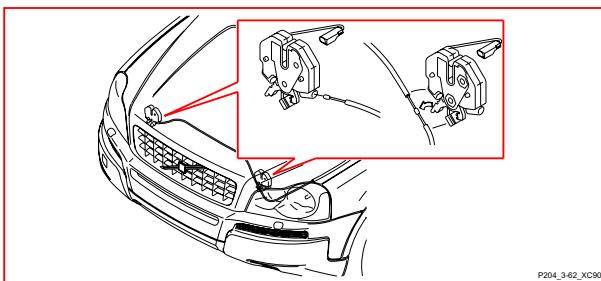
3/62 Hood alarm contact V70



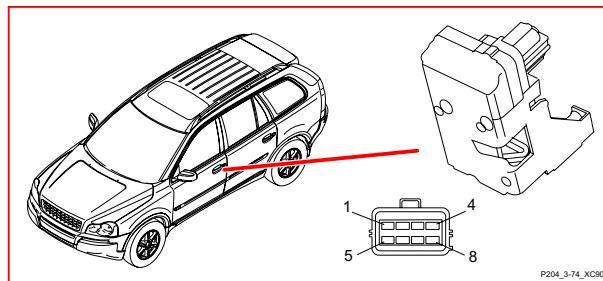
3/74 Lock unit, left front door V70



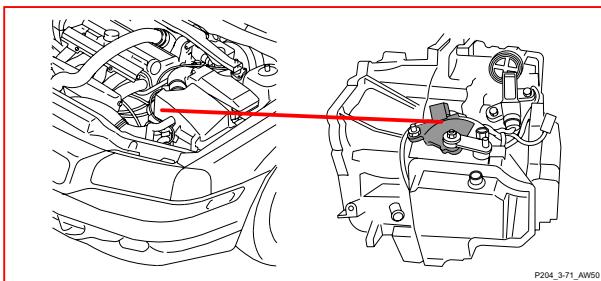
3/62 Hood alarm contact XC90



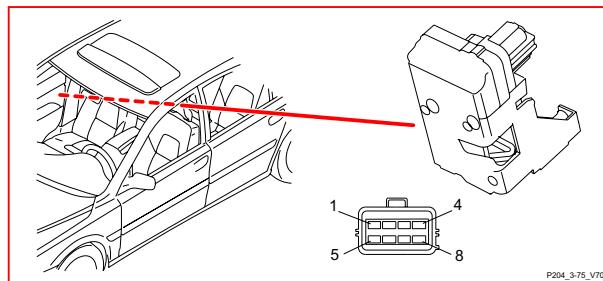
3/74 Lock unit, left front door XC90



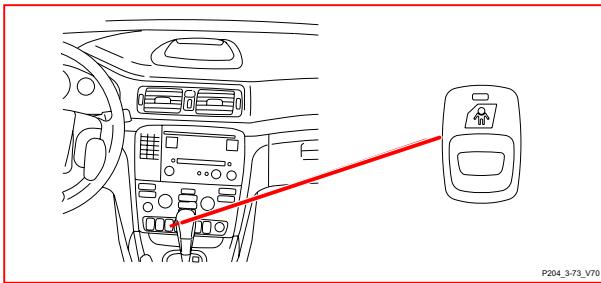
3/71 Gear selector contacts AW51



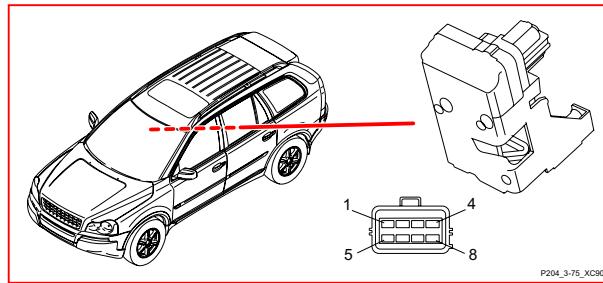
3/75 Lock unit, right front door V70



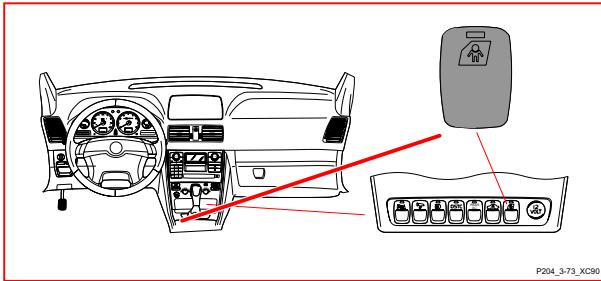
3/73 Switch, child safety lock PCL V70



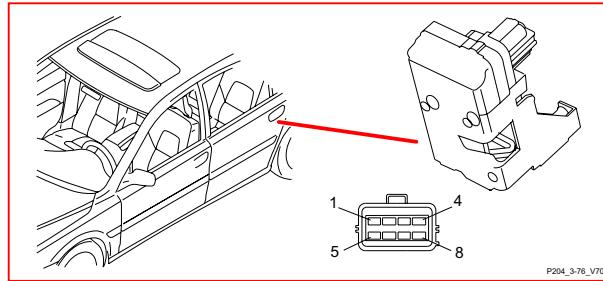
3/75 Lock unit, front right door XC90



3/73 Switch, child safety lock PCL XC90



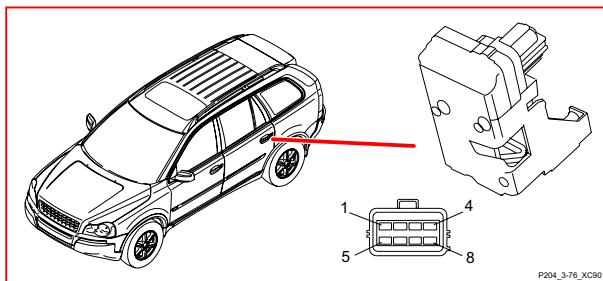
3/76 Lock unit, left rear door V70



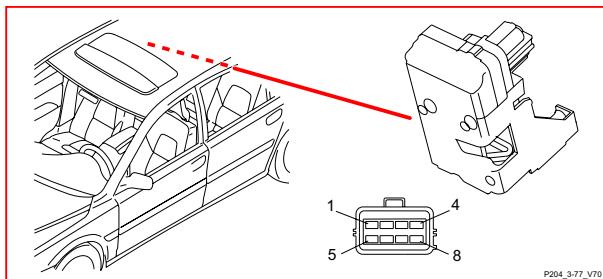
Component illustrations

3/76 XC90 - 3/85 V70

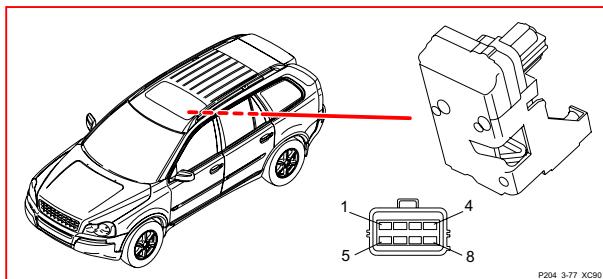
3/76 Lock unit, left rear door XC90



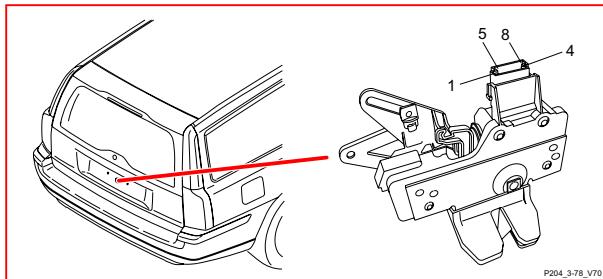
3/77 Lock unit, right rear door V70



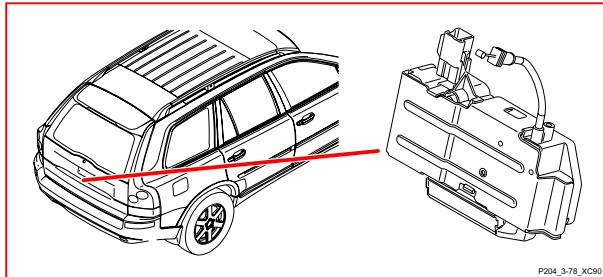
3/77 Lock unit, right rear door XC90



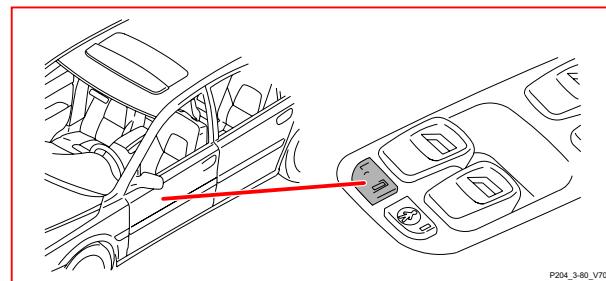
3/78 Lock unit, tailgate V70



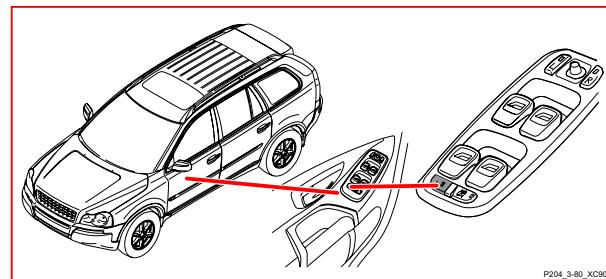
3/78 Lock unit, tailgate XC90



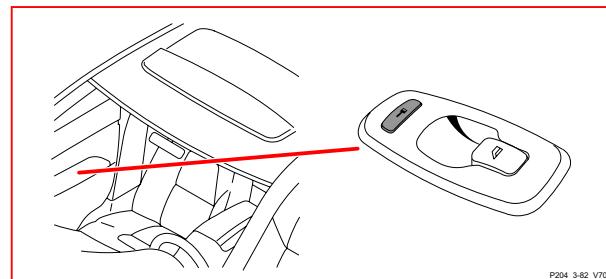
3/80 Switch, central locking, left V70



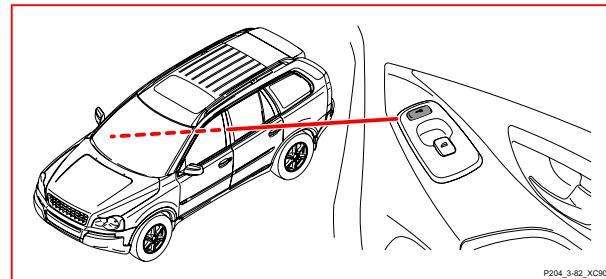
3/80 Switch, central locking, left XC90



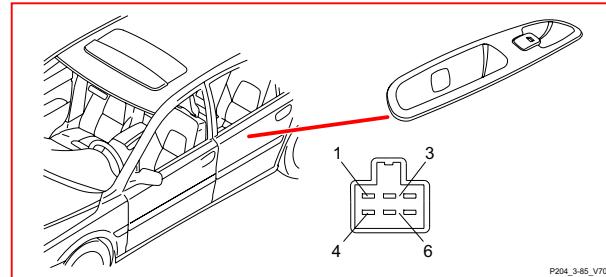
3/82 Switch, central locking, right V70



3/82 Switch, central locking, right XC90



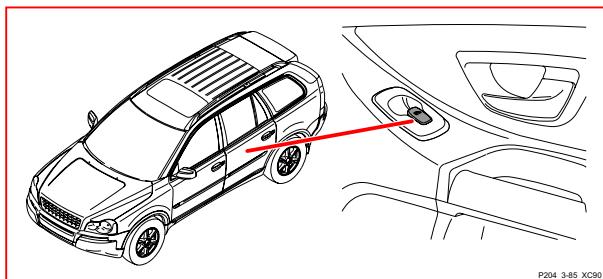
3/85 Power window switch, left rear door V70



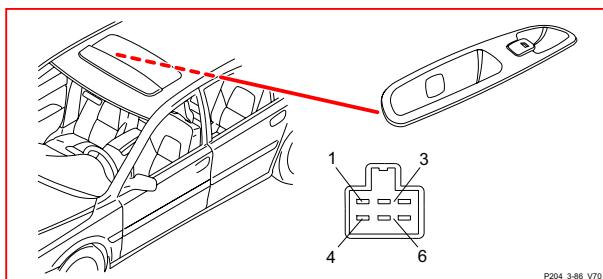
Component illustrations

3/85 XC90 - 3/94 V70

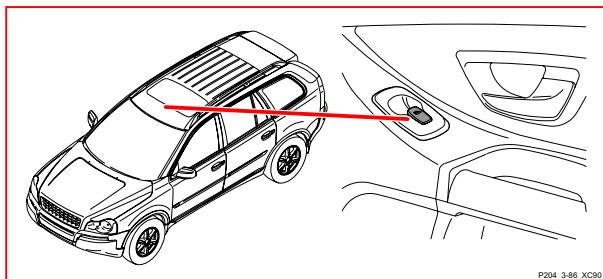
3/85 Power window switch, left rear door
XC90



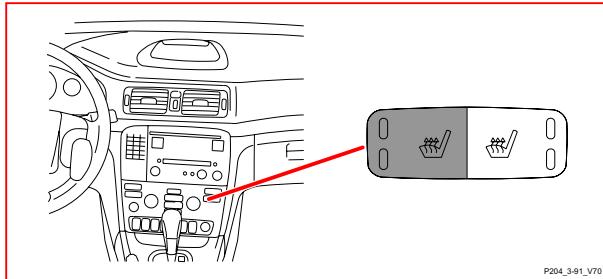
3/86 Power window switch, right rear door
V70



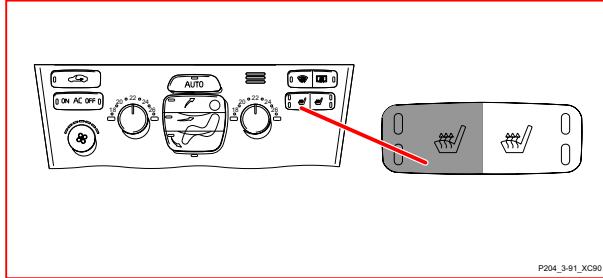
3/86 Power window switch, right rear door
XC90



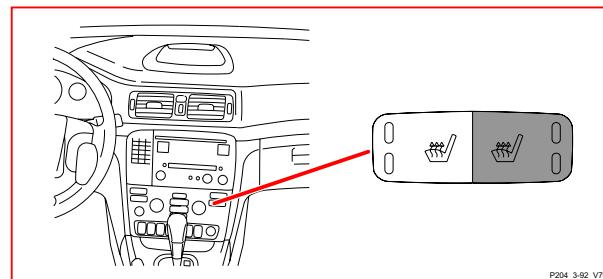
3/91 Switch, left heated seat V70



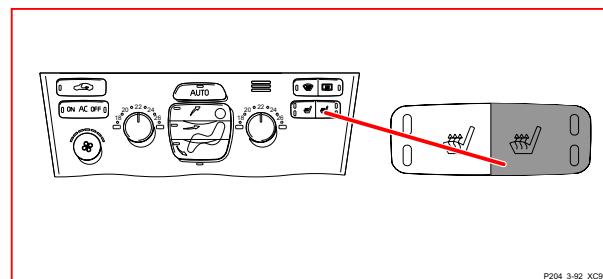
3/91 Switch, left heated seat XC90



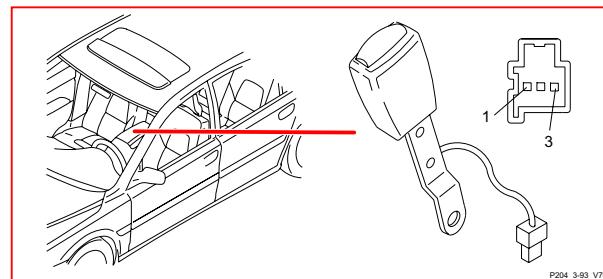
3/92 Switch, right heated seat V70



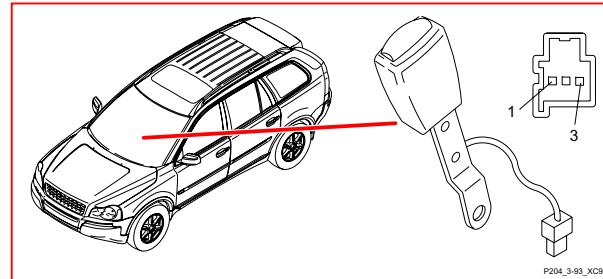
3/92 Switch, right heated seat XC90



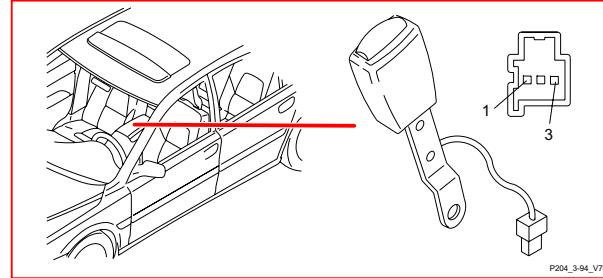
3/93 Belt buckle contact, left seat V70



3/93 Belt buckle contact, left seat XC90



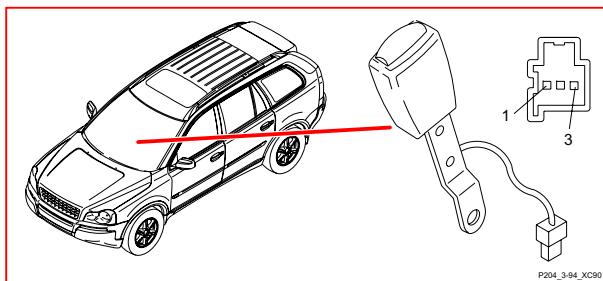
3/94 Belt buckle contact, right seat V70



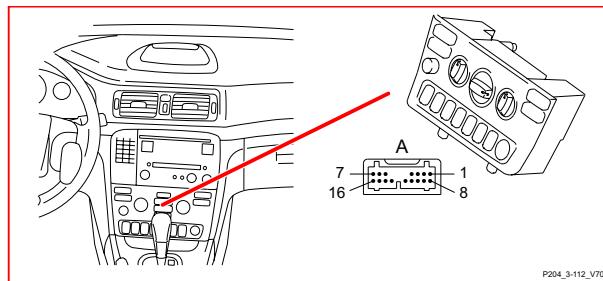
Component illustrations

3/94 XC90 - 3/126 V70

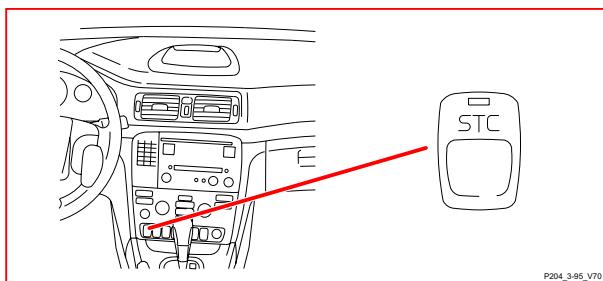
3/94 Belt buckle contact, right seat XC90



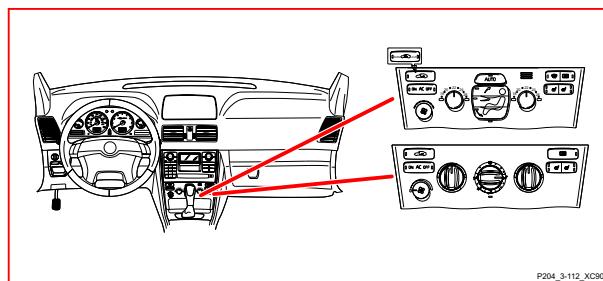
3/112 Climate Control Module (CCM) V70



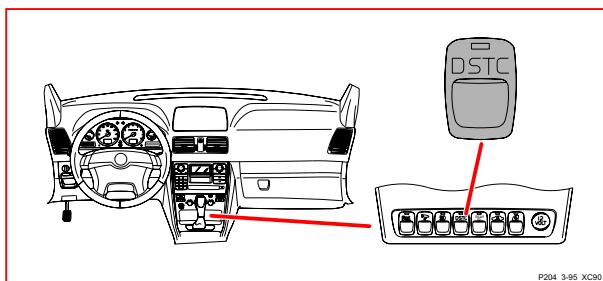
3/95 Spin control switch V70



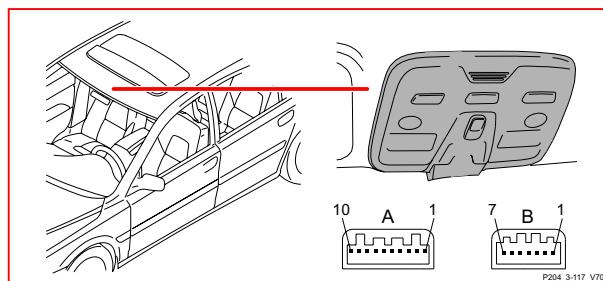
3/112 Climate Control Module (CCM) XC90



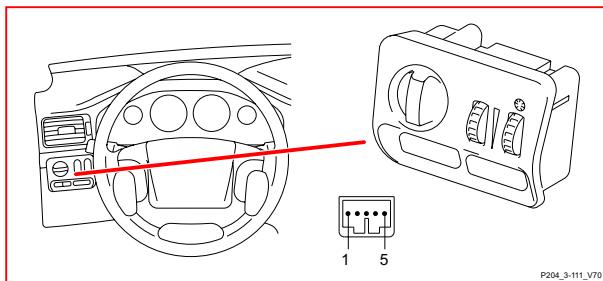
3/95 Spin control switch XC90



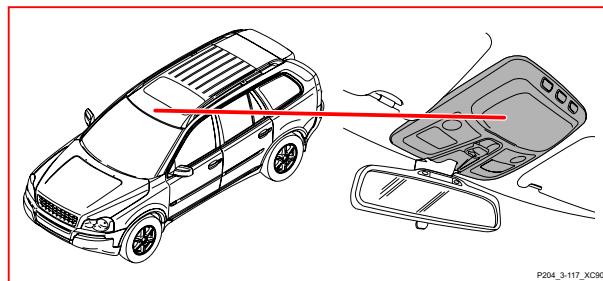
3/117 Ceiling light switch unit V70



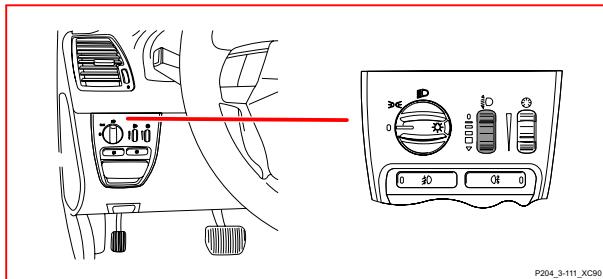
3/111 Light Switch Module (LSM) V70



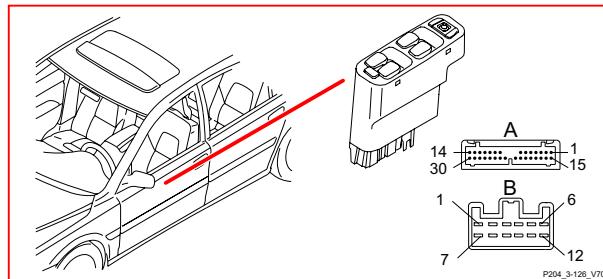
3/117 Ceiling light switch unit XC90



3/111 Light Switch Module (LSM) XC90



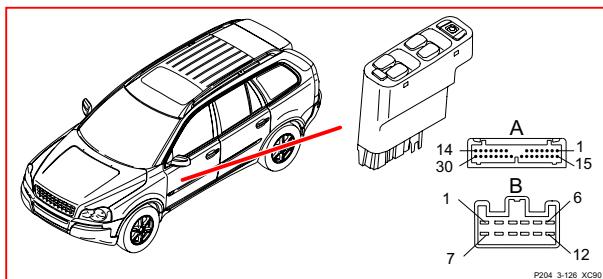
3/126 Driver/Passenger Door Module (DDM)/(PDM) V70



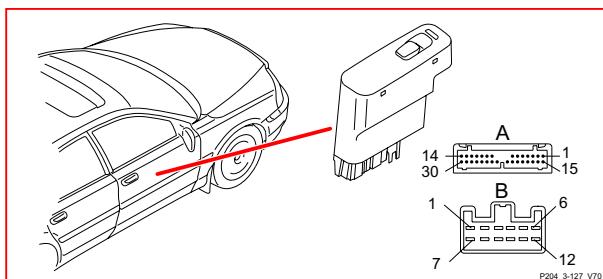
Component illustrations

3/126 XC90 - 3/156 XC90

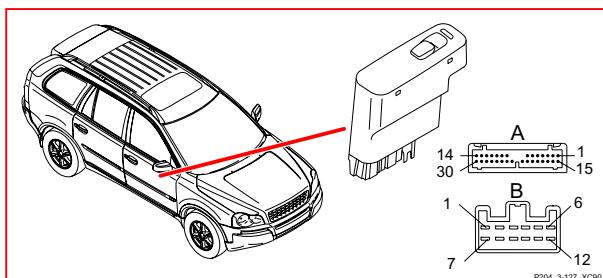
3/126 Driver/Passenger Door Module (DDM)/(PDM) XC90



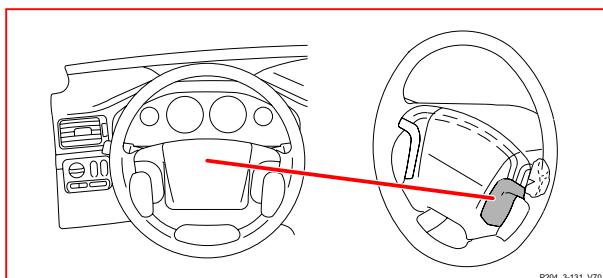
3/127 Passenger/Driver Door Module (PDM)/(DDM) V70



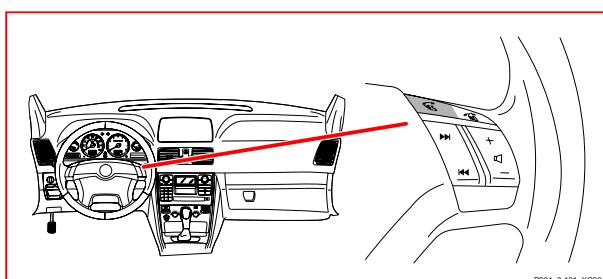
3/127 Passenger/Driver Door Module (PDM)/(DDM) XC90



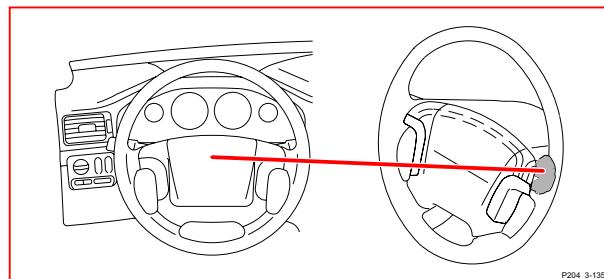
3/131 Steering Wheel Switch Right (SWSR) V70



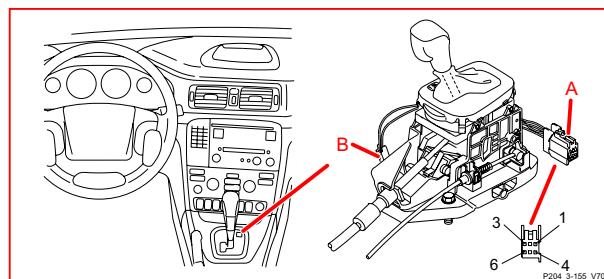
3/131 Steering Wheel Switch Right (SWSR) XC90



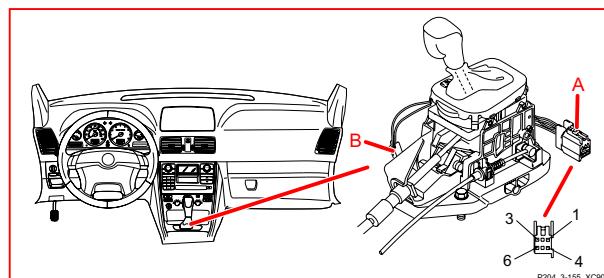
3/135 RTI switch



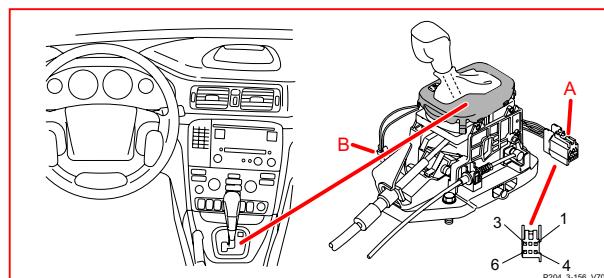
3/155 Program selector, automatic transmission V70



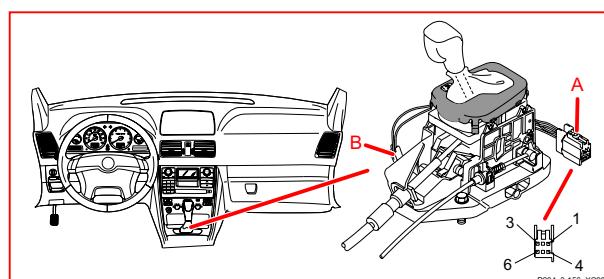
3/155 Program selector, automatic transmission XC90



3/156 Gear Selector Module (GSM) V70



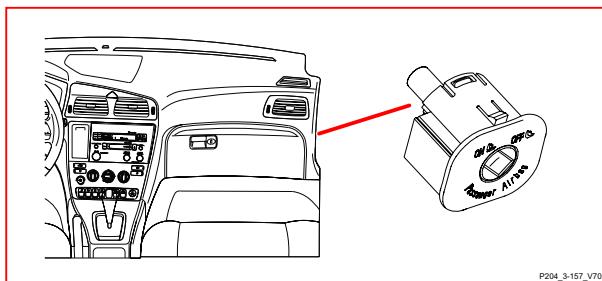
3/156 Gear Selector Module (GSM) XC90



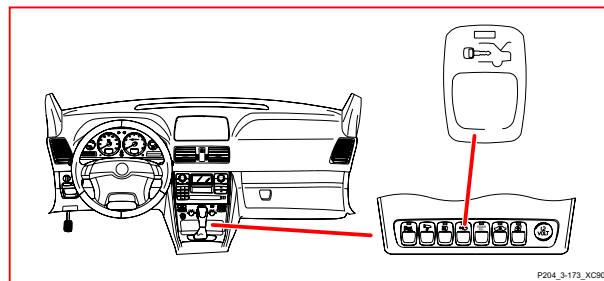
Component illustrations

3/157 V70 - 3/254

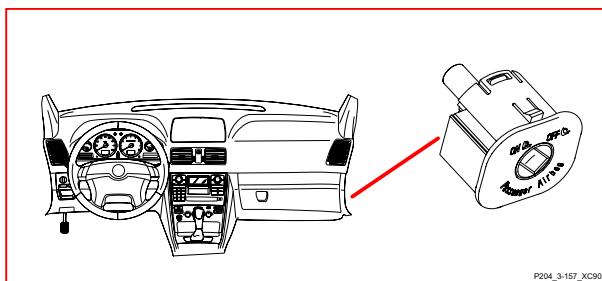
3/157 Switch, passenger side airbag V70



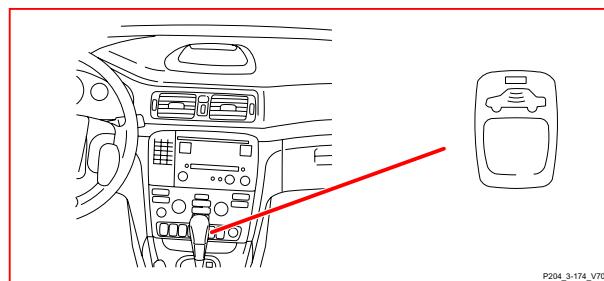
3/173 Switch, tailgate private lock XC90



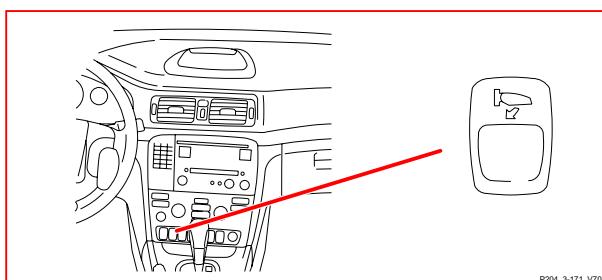
3/157 Switch, passenger side airbag XC90



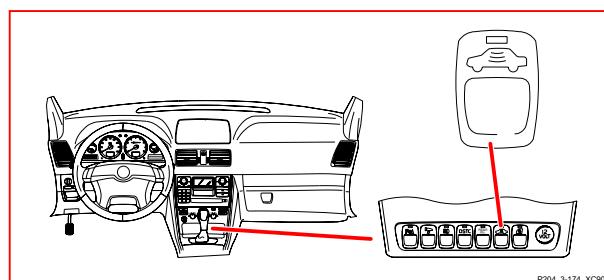
3/174 Switch, reduced alarm V70



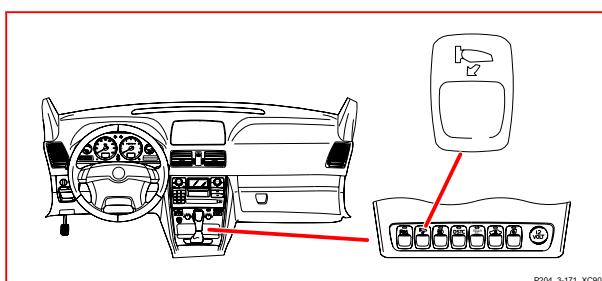
3/171 Switch, retractable exterior rearview mirrors V70



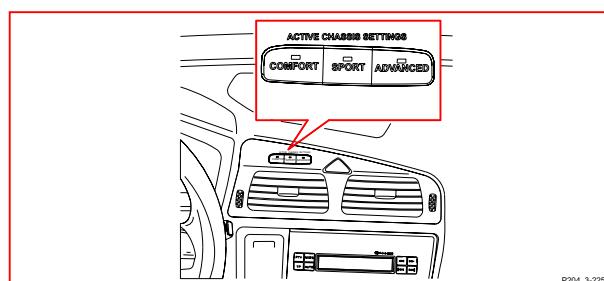
3/174 Switch, reduced alarm XC90



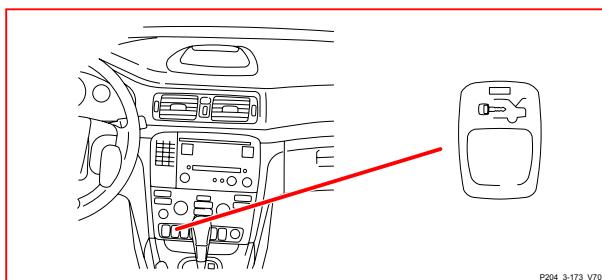
3/171 Switch, retractable exterior rearview mirrors XC90



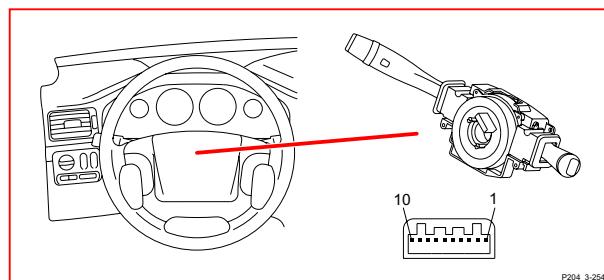
3/225 Switch unit continuous damping control (CCD)



3/173 Switch, tailgate private lock V70



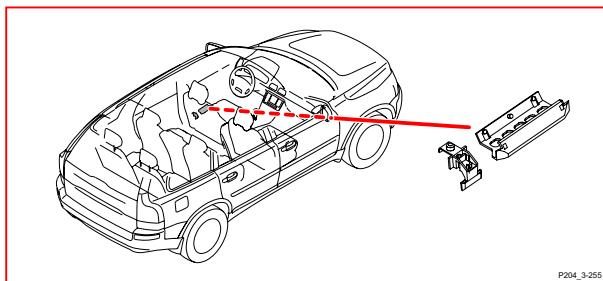
3/254 Steering Wheel Module (SWM)



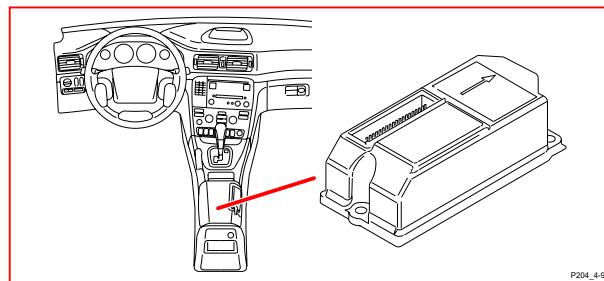
Component illustrations

3/255 - 4/28 V70

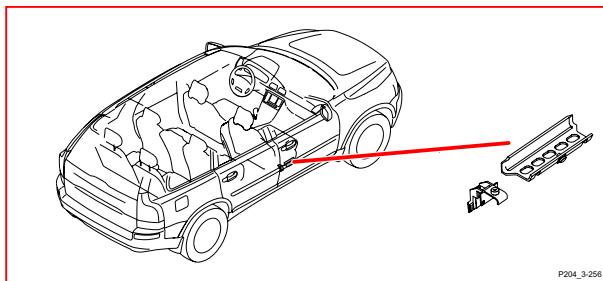
3/255 Position sensor, driver's seat



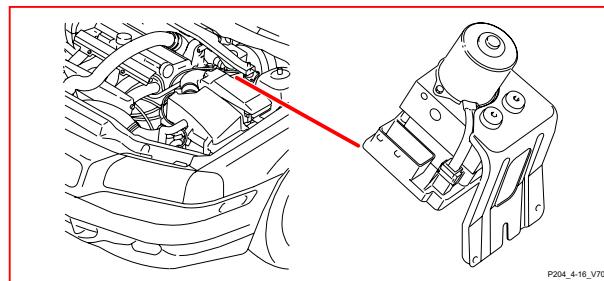
4/9 Supplemental Restraint System module (SRS)



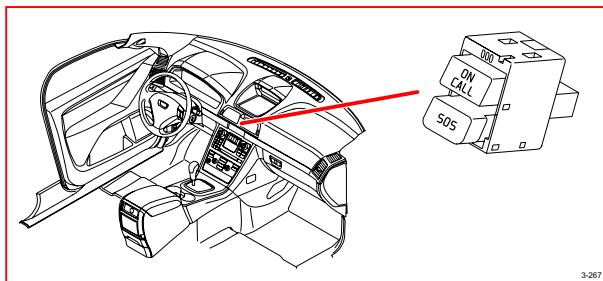
3/256 Position sensor, passenger seat



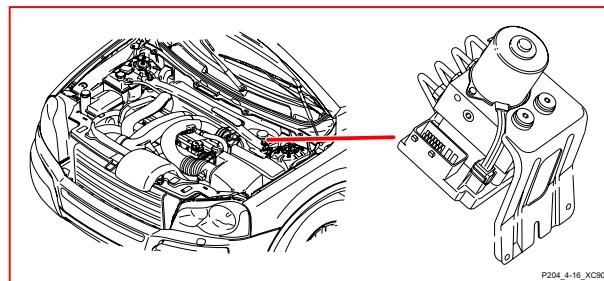
4/16 Brake Control Module (BCM) V70



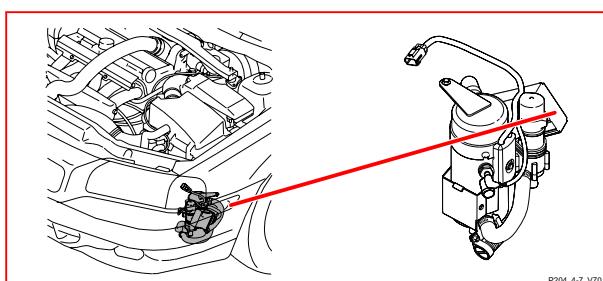
3/267 Switch unit, telematics



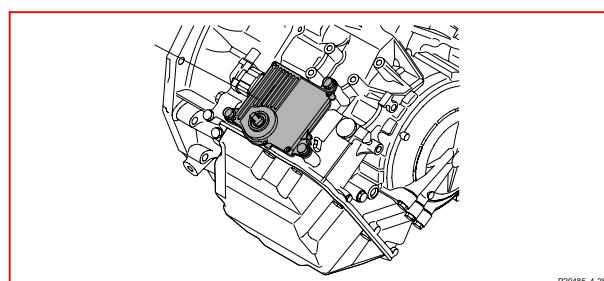
4/16 Brake Control Module (BCM) XC90



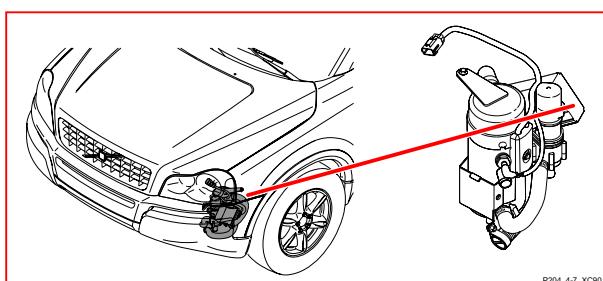
4/7 Combustion Preheater Module (CPM) V70



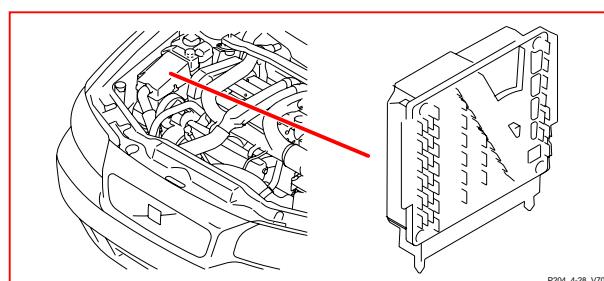
4/28 Transmission Control Module (TCM) TF-80SC



4/7 Combustion Preheater Module (CPM) XC90



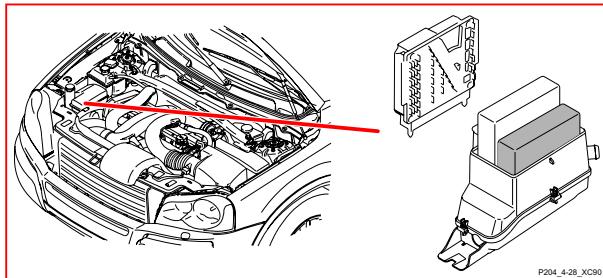
4/28 Transmission Control Module (TCM) V70



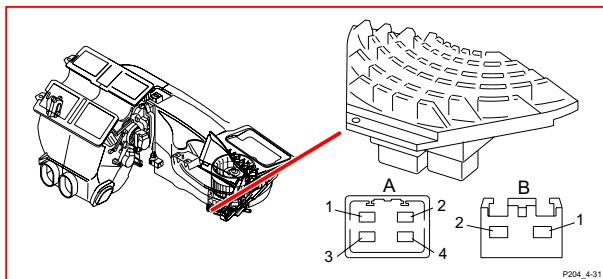
Component illustrations

4/28 XC90 - 4/50

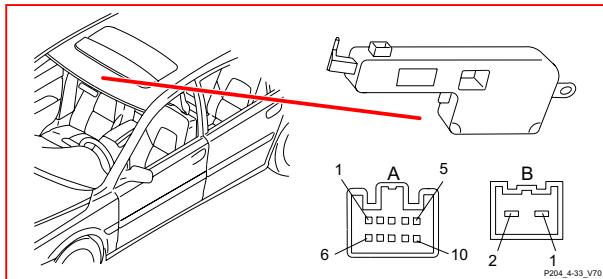
4/28 Transmission Control Module (TCM)
XC90



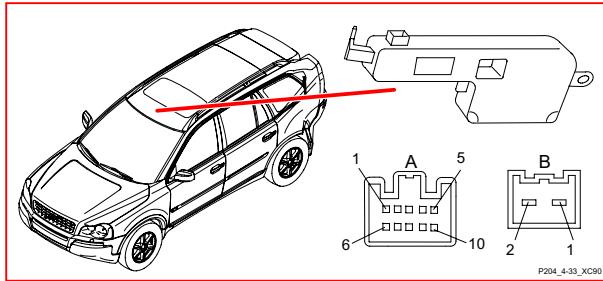
4/31 Fan control module



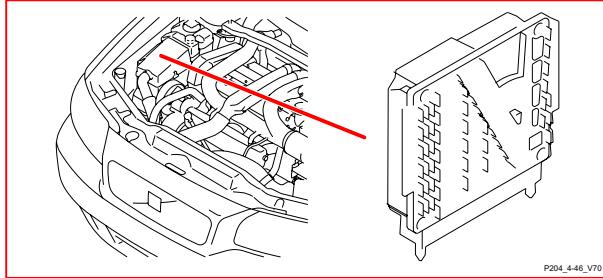
4/33 Sun Roof Module (SRM) V70



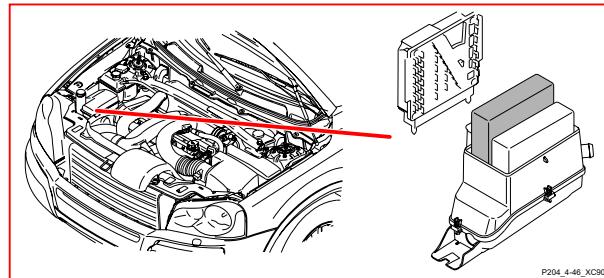
4/33 Sun Roof Module (SRM) XC90



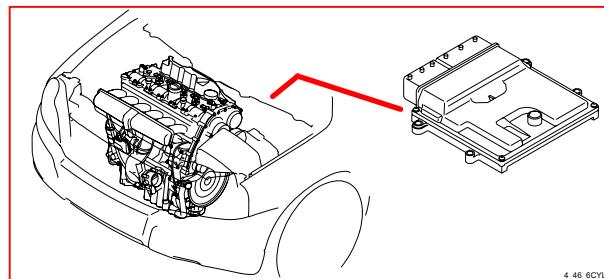
4/46 Engine Control Module (ECM) V70



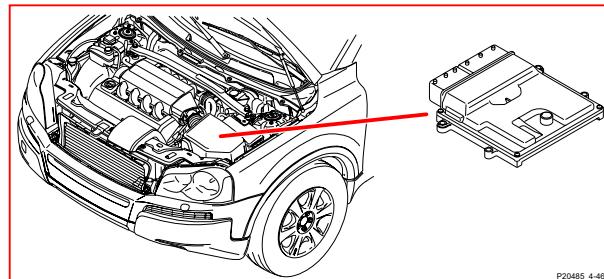
4/46 Engine Control Module (ECM) XC90



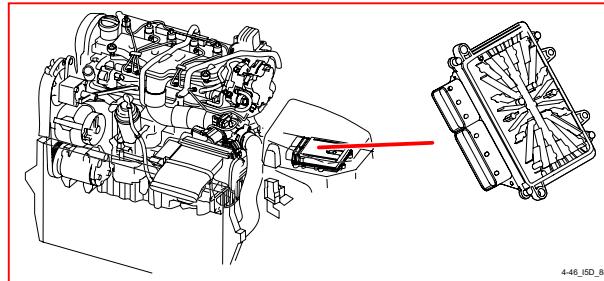
4/46 Engine Control Module (ECM), 6-cyl.



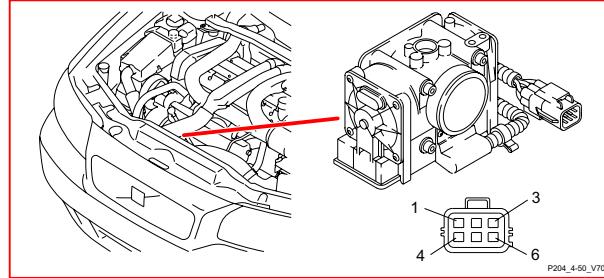
4/46 Engine Control Module (ECM), 8-cyl.



4/46 Engine Control Module (ECM), Diesel



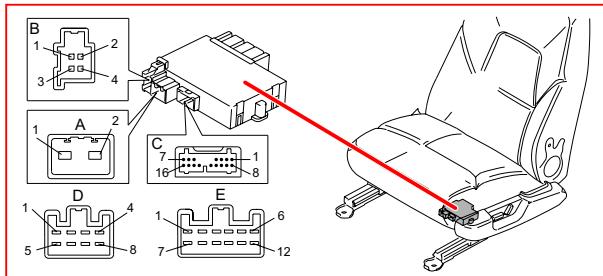
4/50 Electronic Throttle Module (ETM)



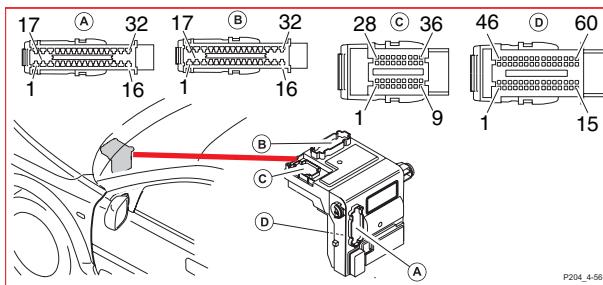
Component illustrations

4/52 - 4/71 XC90

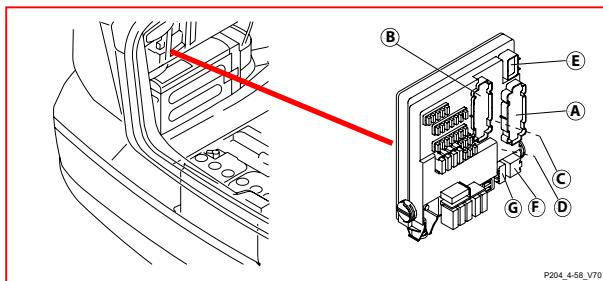
4/52 Power Seat Module (PSM)



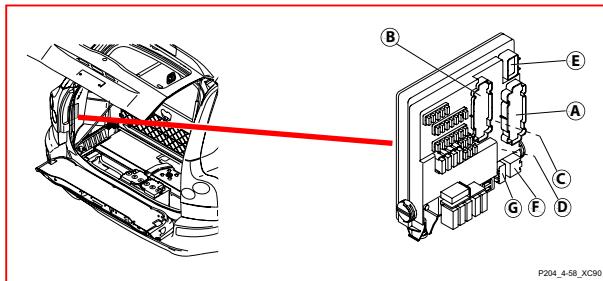
4/56 Central Electronic Module (CEM)



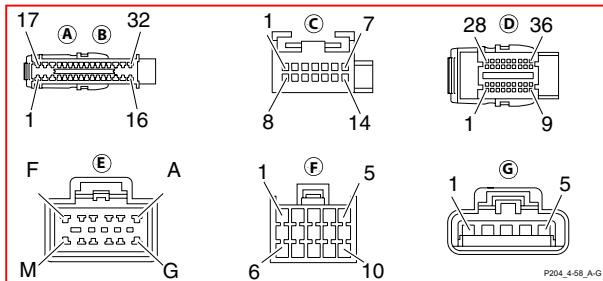
4/58 Rear Electronic Module (REM) V70



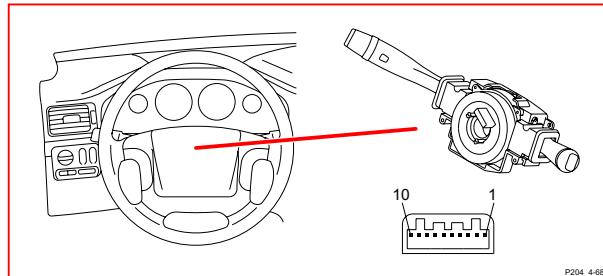
4/58 Rear Electronic Module (REM) XC90



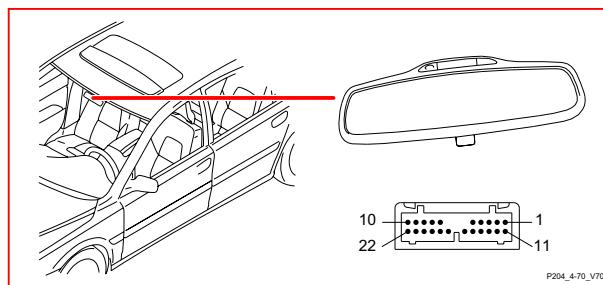
4/58 Rear Electronic Module (REM) A-G



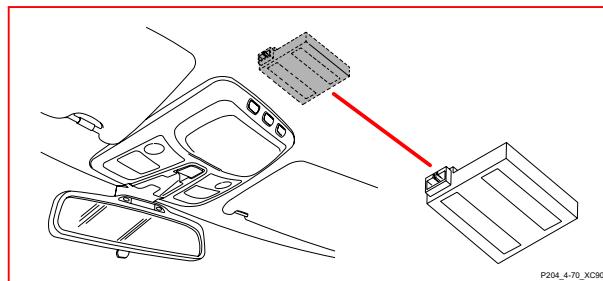
4/68 Steering Wheel Angle Sensor Module (SAS)



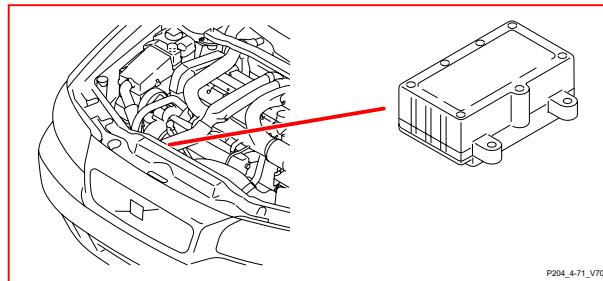
4/70 Upper Electronic Module (UEM) V70



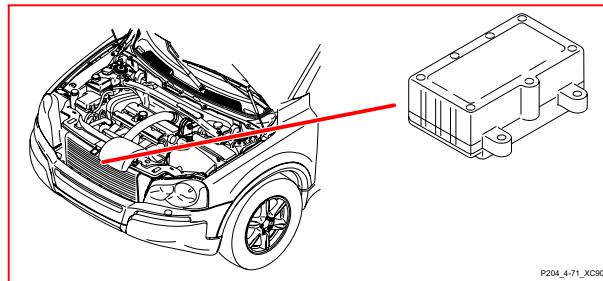
4/70 Upper Electronic Module (UEM) XC90



4/71 Cooling fan control module V70



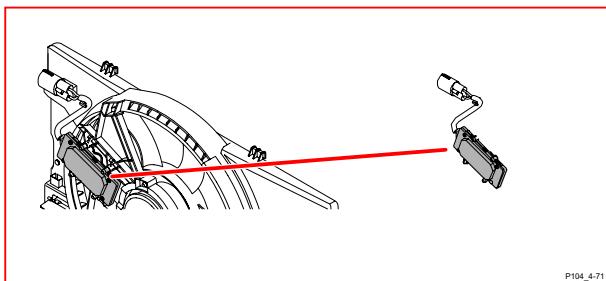
4/71 Cooling fan control module XC90



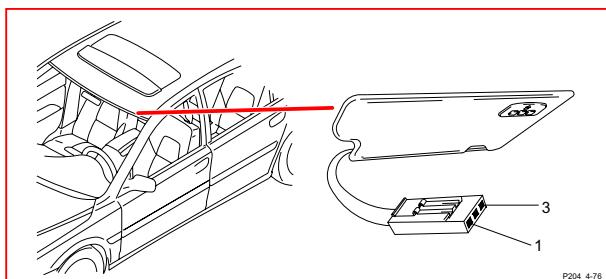
Component illustrations

4/71 Diesel - 4/86 V70

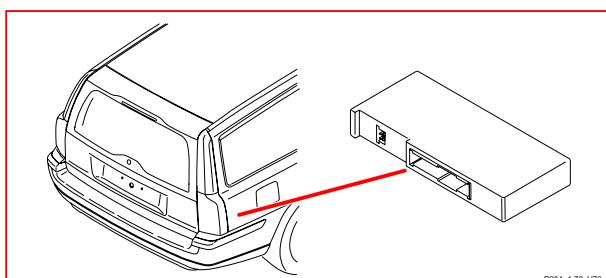
4/71 Cooling fan control module, Diesel



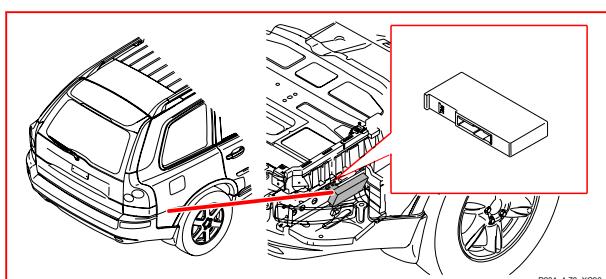
4/76 Remote control unit for garage door opener



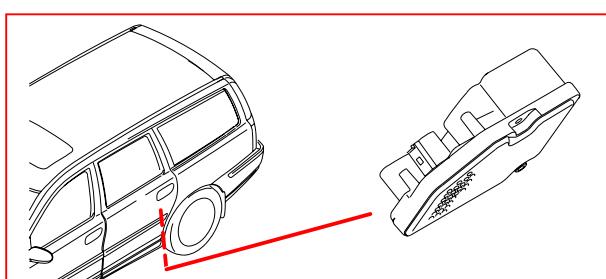
4/78 Accessory Electronic Module (AEM) V70



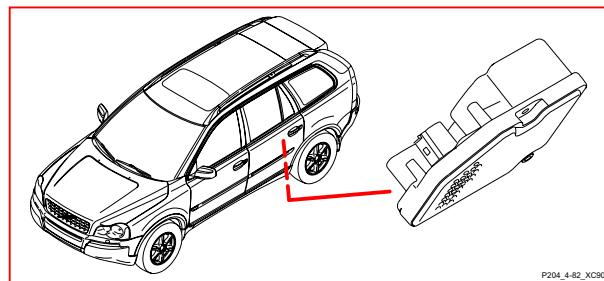
4/78 Accessory Electronic Module (AEM) XC90



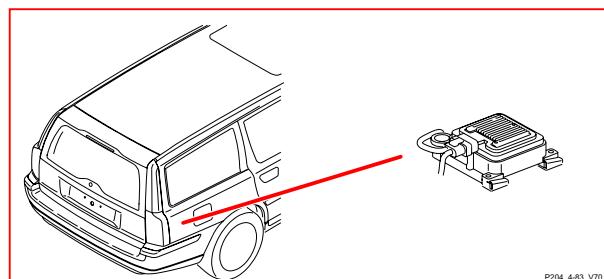
4/82 Differential Electronic Module (DEM) V70



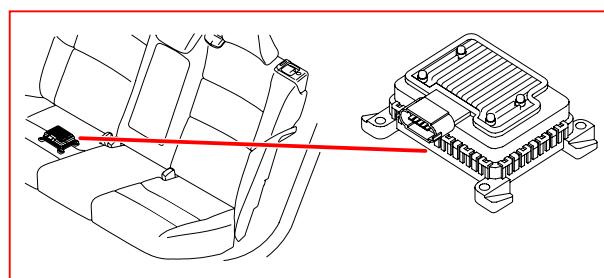
4/82 Differential Electronic Module (DEM) XC90



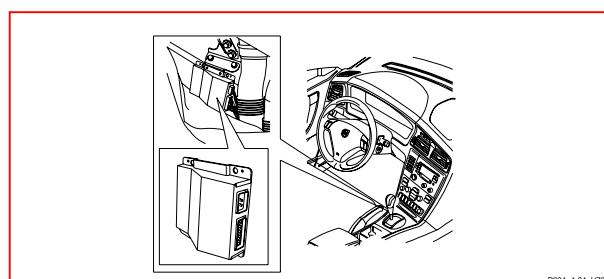
4/83 Fuel pump control module V70



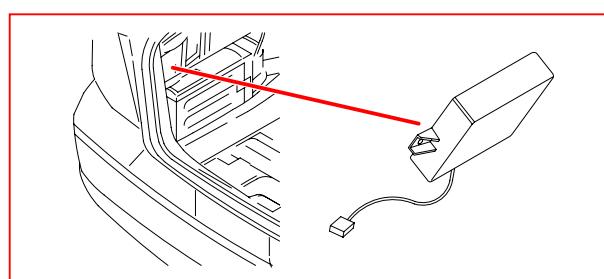
4/83 Fuel pump control module XC90



4/84 Suspension Module (SUM)



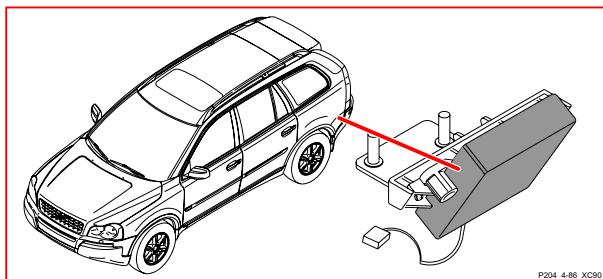
4/86 Parking Assistance Module (PAM) V70



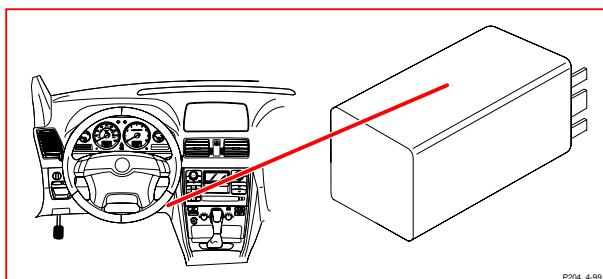
Component illustrations

4/86 XC90 - 5/1 V70

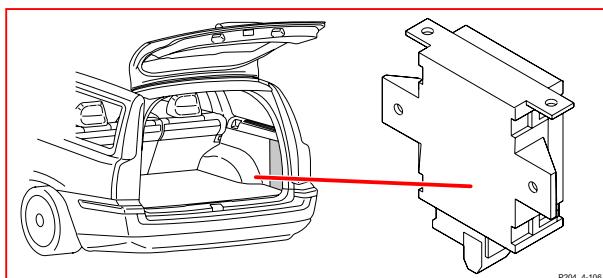
4/86 Parking Assistance Module (PAM)
XC90



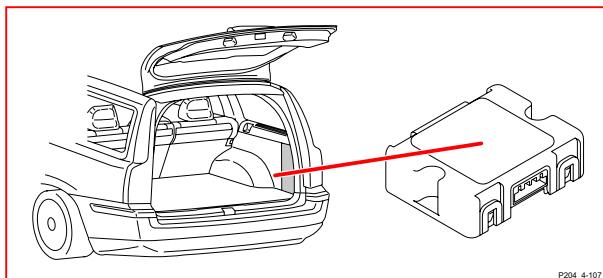
4/99 Electronic power steering control module



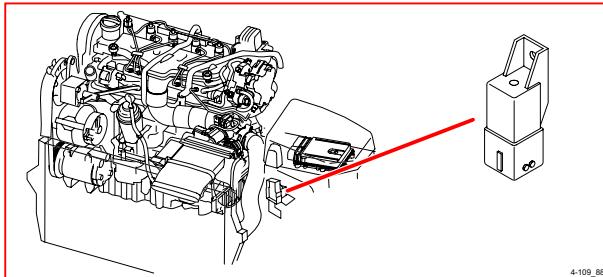
4/106 Control module, remote parking heater start



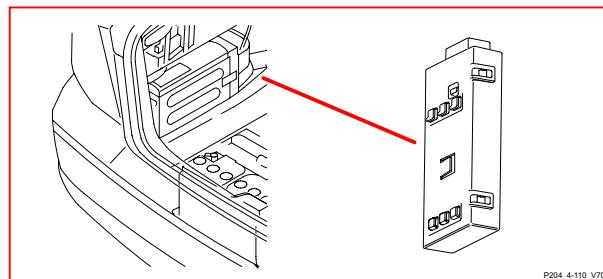
4/107 Control module, parking heater, Call start



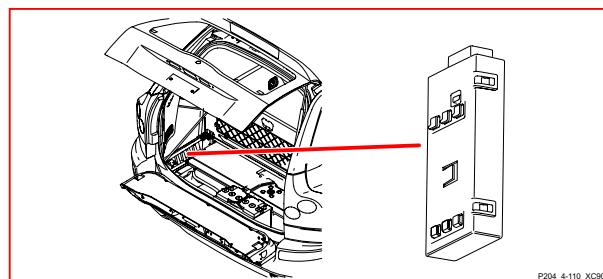
4/109 Glow plug control module



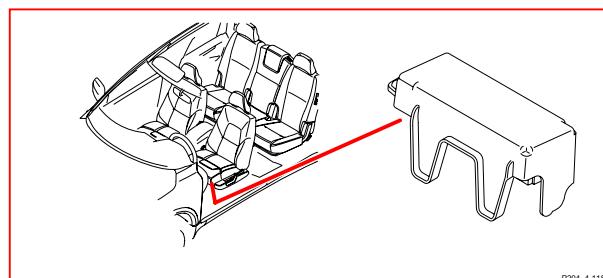
4/110 Trailer module V70



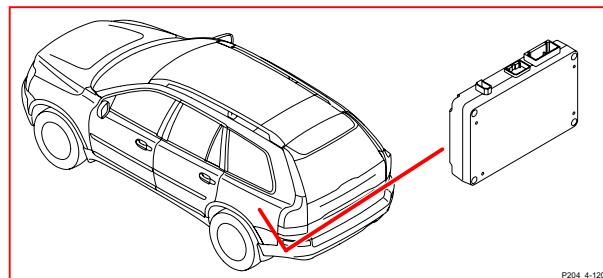
4/110 Trailer module XC90



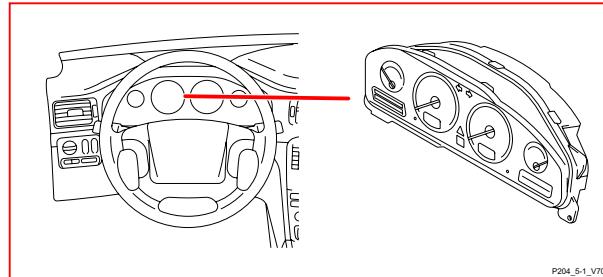
4/118 Headlight Control Module (HCM)



4/120 Parking Assistance Camera module (PAC)



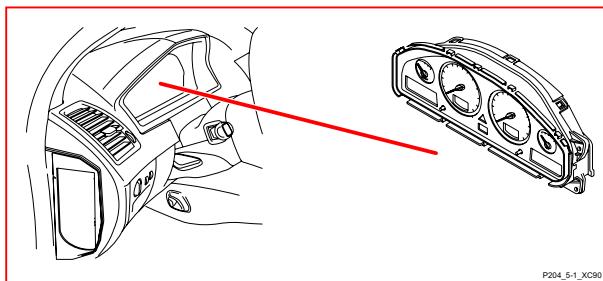
5/1 Driver Information Module (DIM) V70



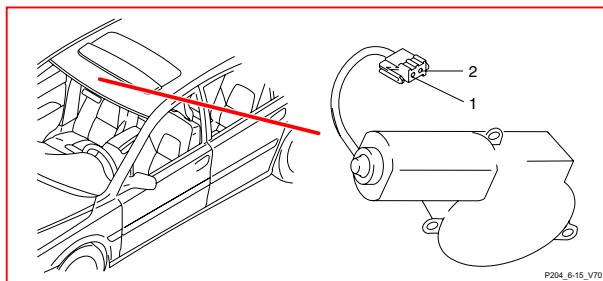
Component illustrations

5/1 XC90 - 6/18

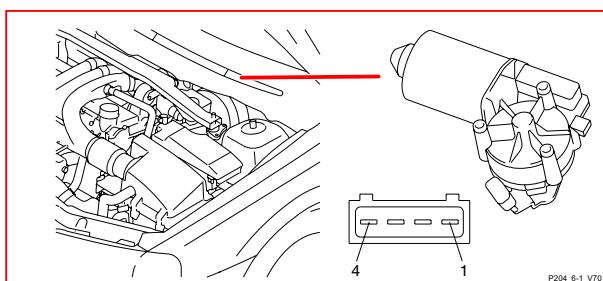
5/1 Driver Information Module (DIM) XC90



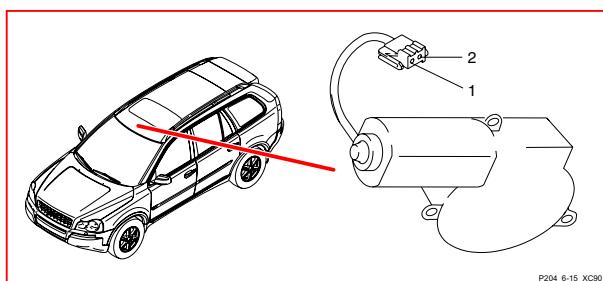
6/15 Sunroof motor V70



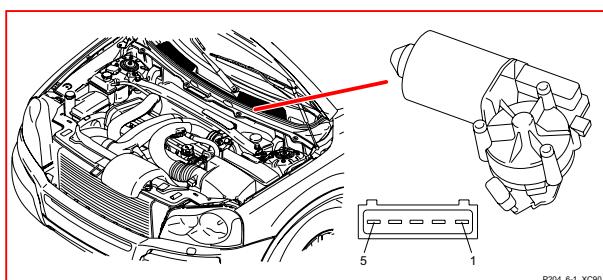
6/1 Windshield wiper motor V70



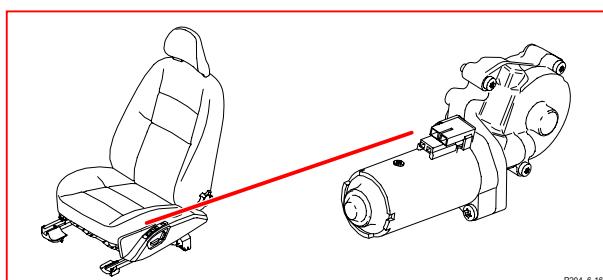
6/15 Sunroof motor XC90



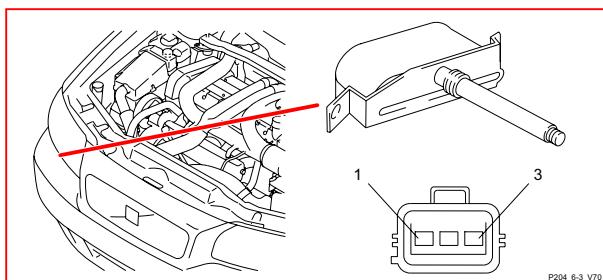
6/1 Windshield wiper motor XC90



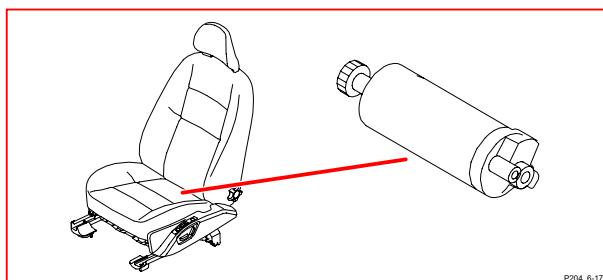
6/16 Motor driver's seat, backrest angle



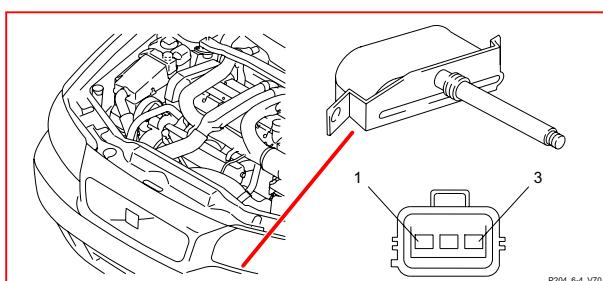
6/3 Right-hand headlight wiper motor



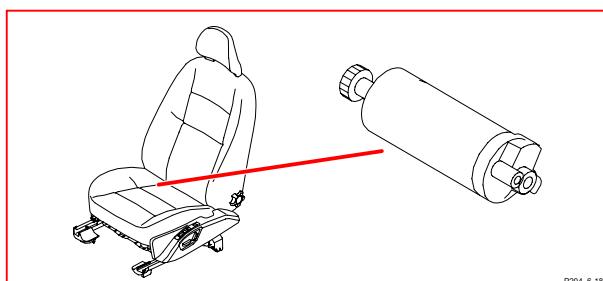
6/17 Motor driver's seat, up/down front edge



6/4 Left-hand headlight wiper motor



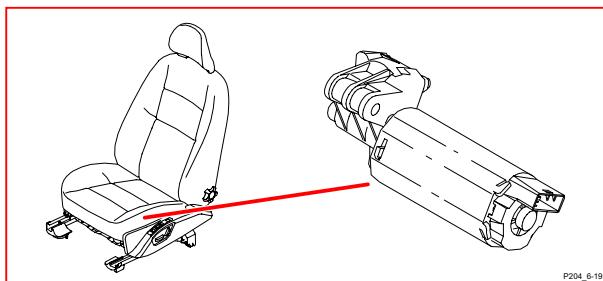
6/18 Motor driver's seat, up/down rear edge



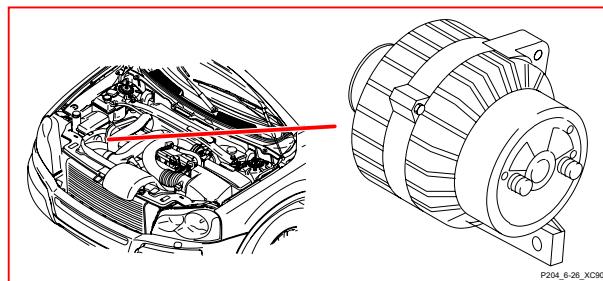
Component illustrations

6/19 - 6/32 V70

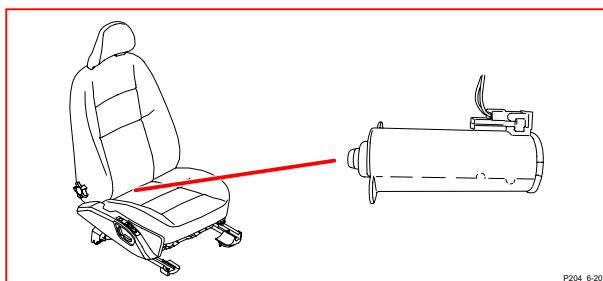
6/19 Motor driver's seat, fore/aft



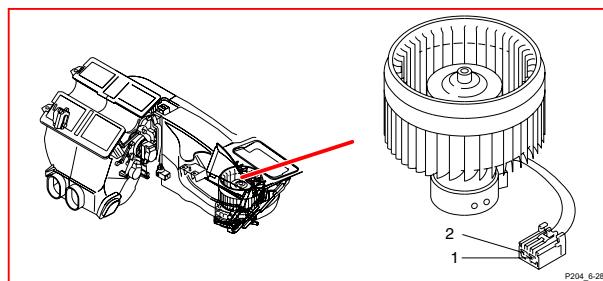
6/26 Alternator Control Module (ACM)
XC90



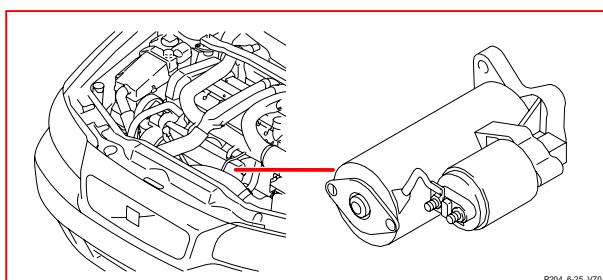
6/20 Motor passenger seat, fore/aft



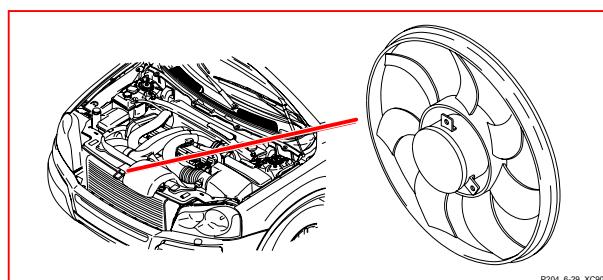
6/28 Motor, passenger compartment fan



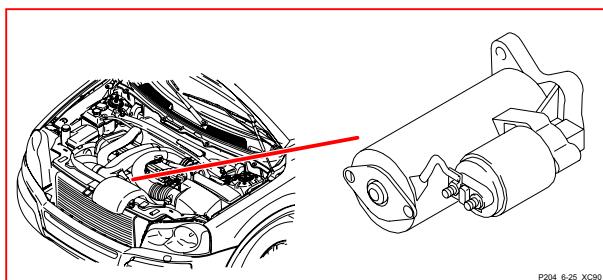
6/25 Starter motor V70



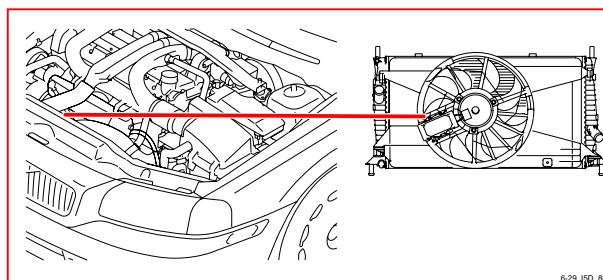
6/29 Motor, electric cooling fan



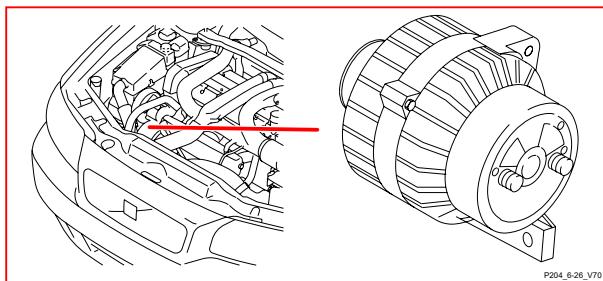
6/25 Starter motor XC90



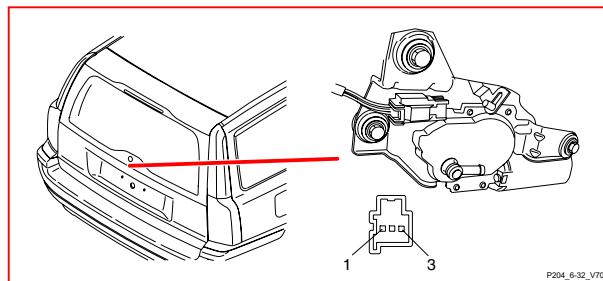
6/29 Cooling fan motor, Diesel



6/26 Alternator Control Module (ACM) V70



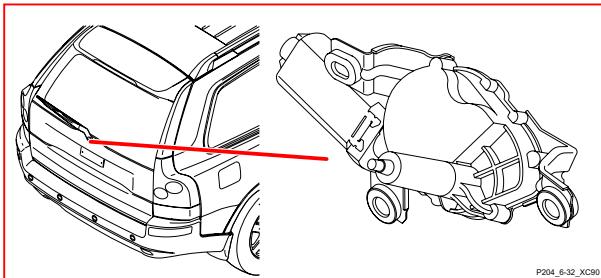
6/32 Rear window wiper motor V70



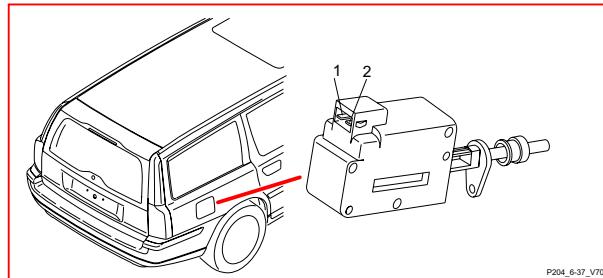
Component illustrations

6/32 XC90 - 6/44 V70

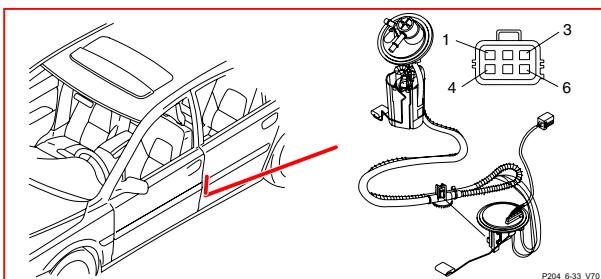
6/32 Rear window wiper motor XC90



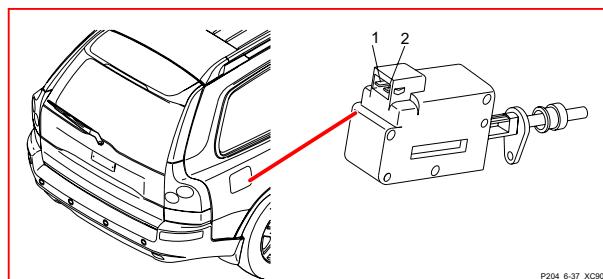
6/37 Lock motor, fuel filler flap V70



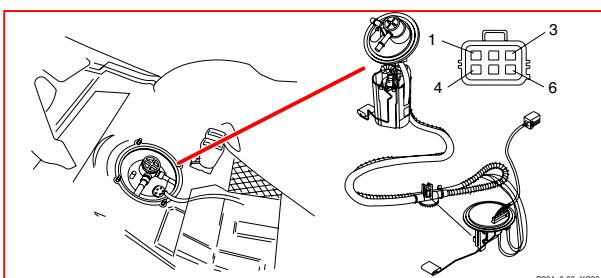
6/33 Fuel pump V70



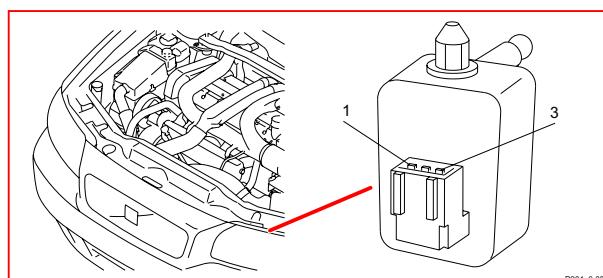
6/37 Lock motor, fuel filler flap XC90



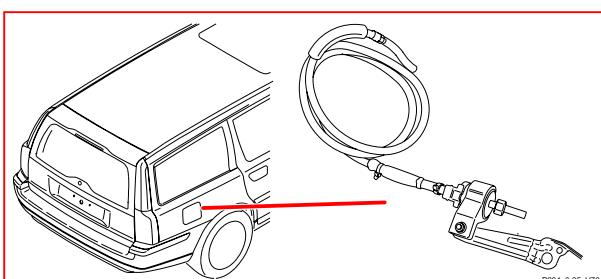
6/33 Fuel pump XC90



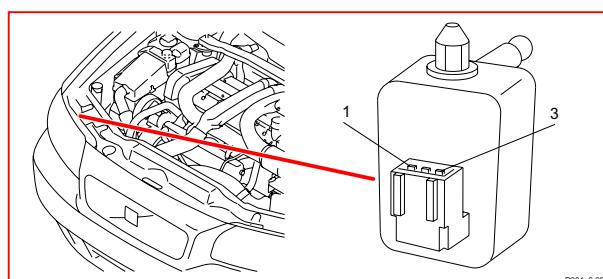
6/38 Motor, left headlight adjustment



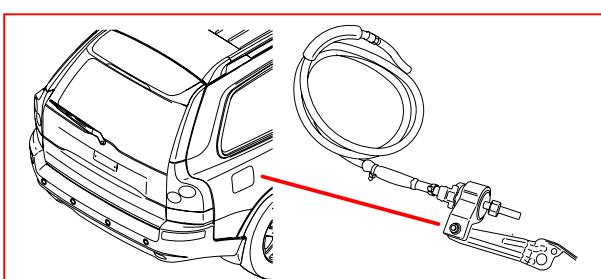
6/35 Fuel pump, auxiliary heater V70



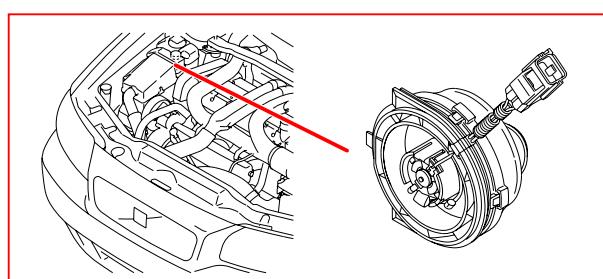
6/39 Motor, right headlight adjustment



6/35 Fuel pump, auxiliary heater XC90



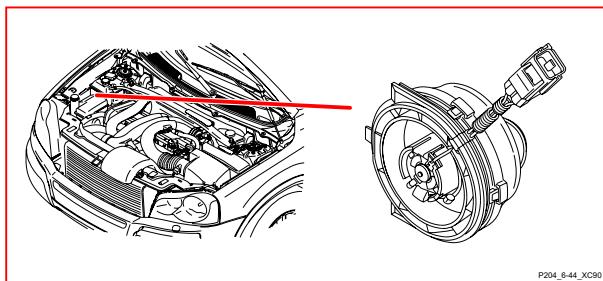
6/44 Cooling fan, electrics box, engine compartment V70



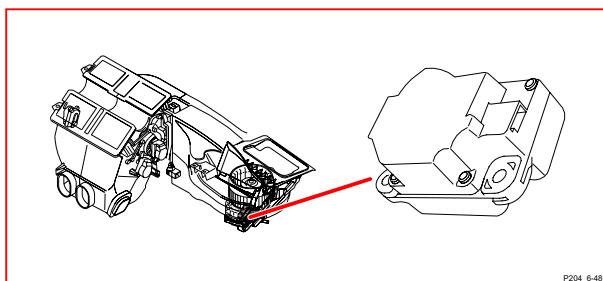
Component illustrations

6/44 XC90 - 6/63 XC90

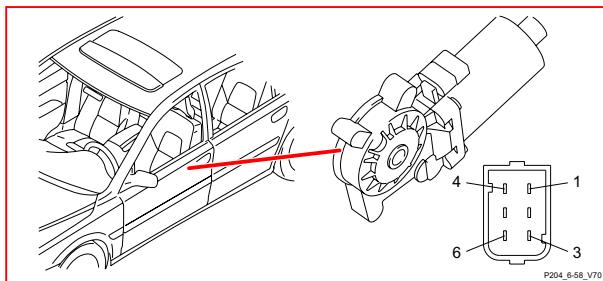
6/44 Cooling fan, electrics box, engine compartment XC90



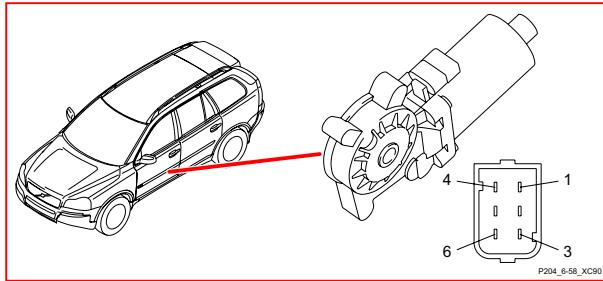
6/48 Damper Motor Module (DMM), recirculation



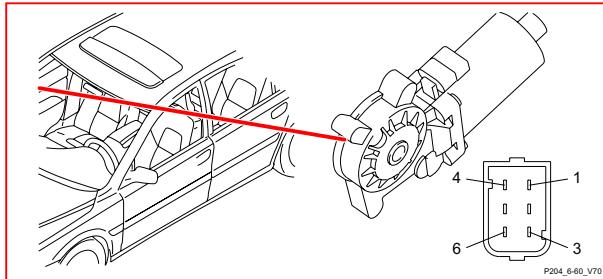
6/58 Front left power window motor V70



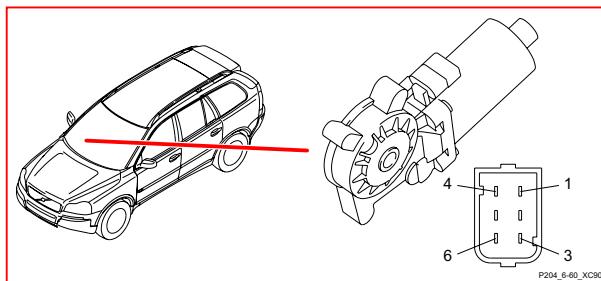
6/58 Front left power window motor XC90



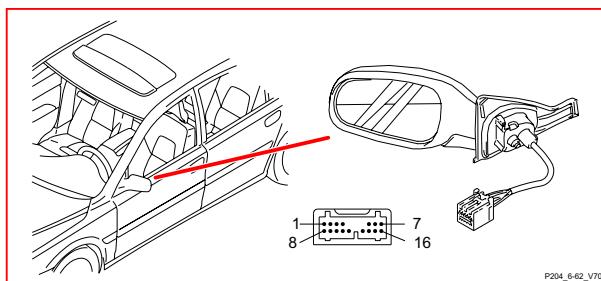
6/60 Front right power window motor V70



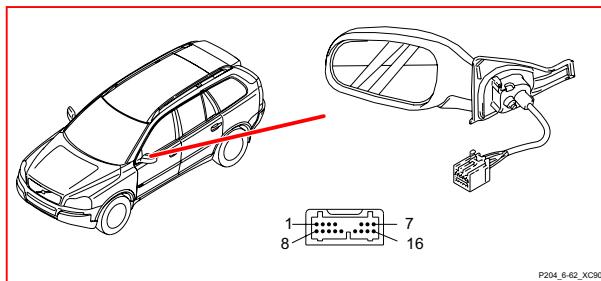
6/60 Front right power window motor XC90



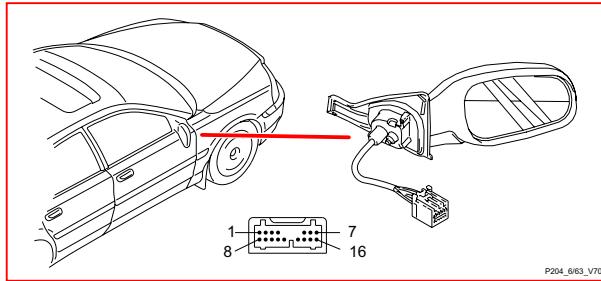
6/62 Left power exterior rearview mirror V70



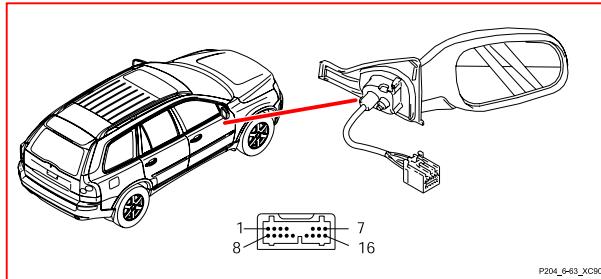
6/62 Left power exterior rearview mirror XC90



6/63 Right power exterior rearview mirror V70



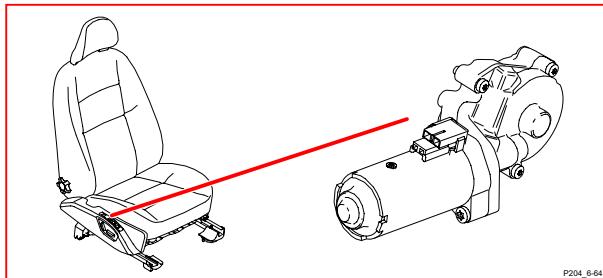
6/63 Right power exterior rearview mirror XC90



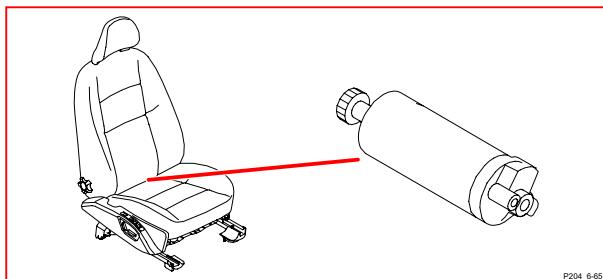
Component illustrations

6/64 - 6/76

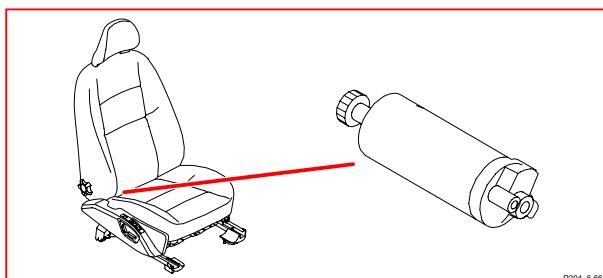
6/64 Motor passenger seat, backrest angle



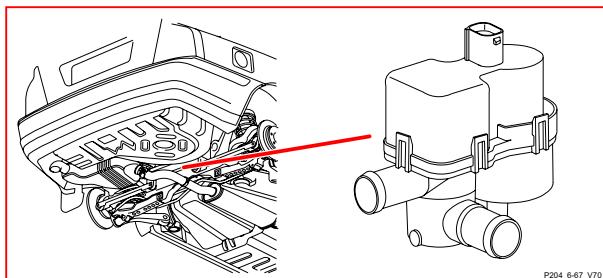
6/65 Motor passenger seat, up/down front edge



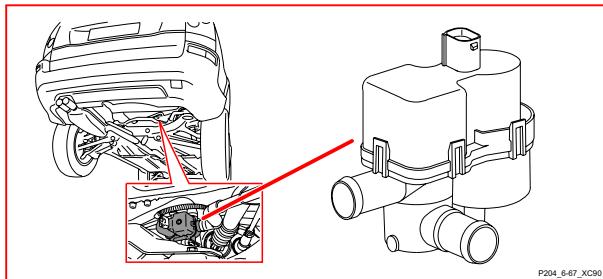
6/66 Motor passenger seat, up/down rear edge



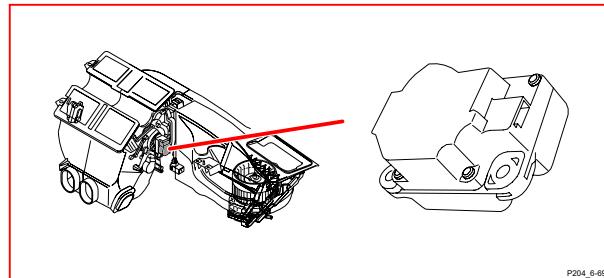
6/67 Pump, fuel leakage control V70



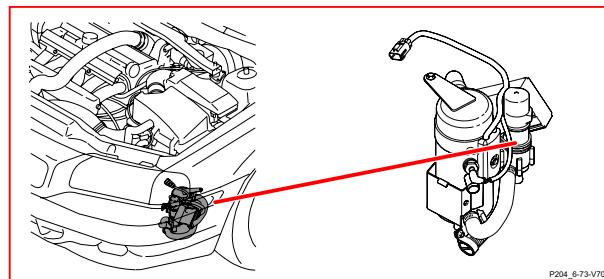
6/67 Pump, fuel leakage control XC90



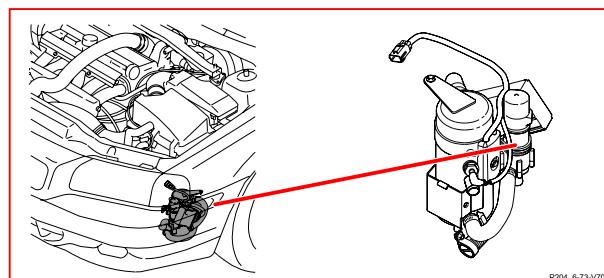
6/69 Damper Motor Module (DMM), ventilation/floor/defroster



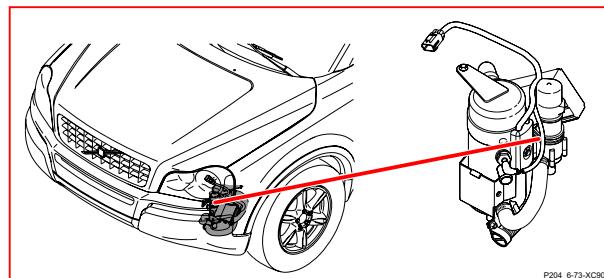
6/71 Valve, speed-dependent power steering



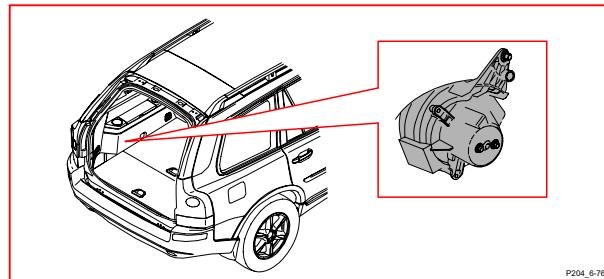
6/73 Coolant pump, auxiliary heater V70



6/73 Coolant pump, auxiliary heater XC90



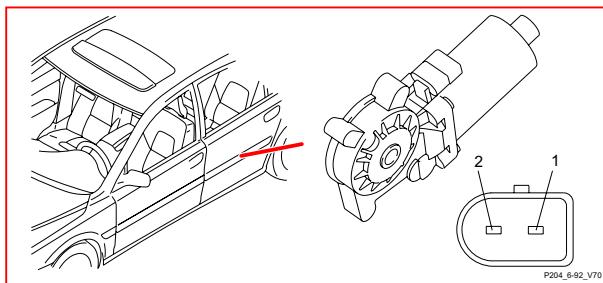
6/76 Climate control system, rear



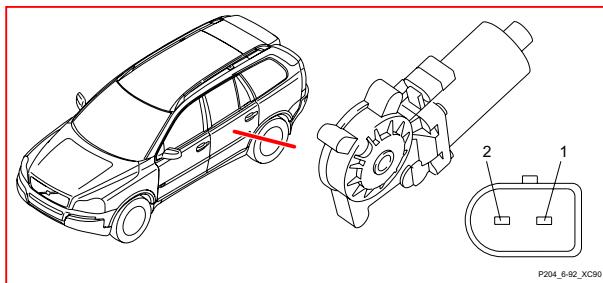
Component illustrations

6/92 V70 - 6/104

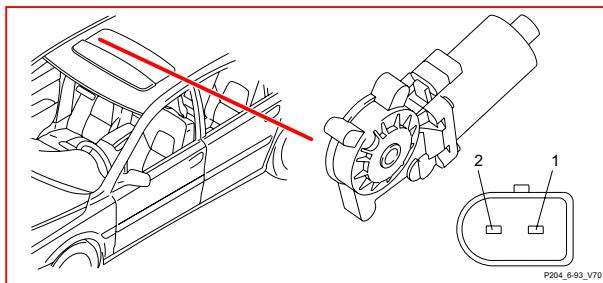
6/92 Rear left power window motor V70



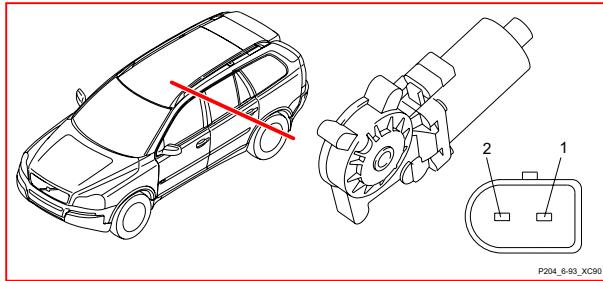
6/92 Rear left power window motor XC90



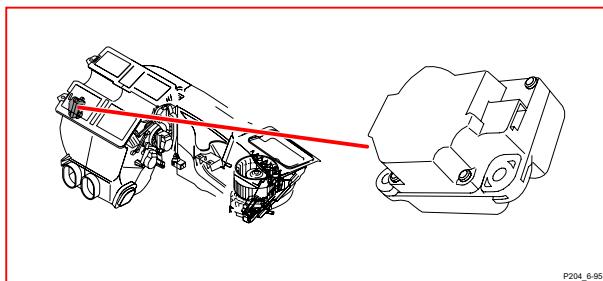
6/93 Rear right power window motor V70



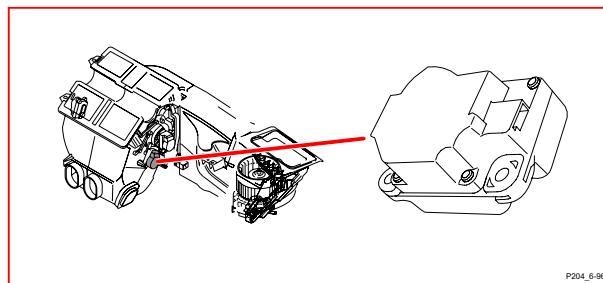
6/93 Motor, rear right power window XC90



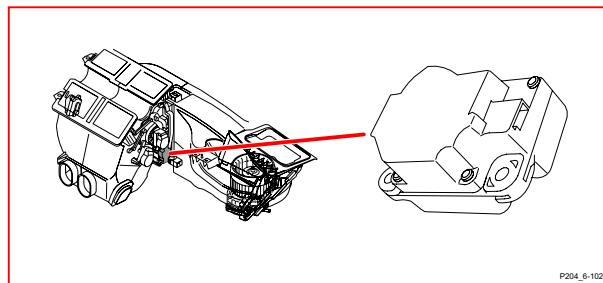
6/95 Damper Motor Module (DMM), temperature, left-hand side



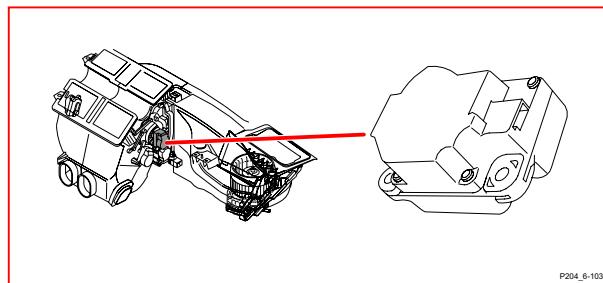
6/96 Damper Motor Module (DMM), temperature, right-hand side



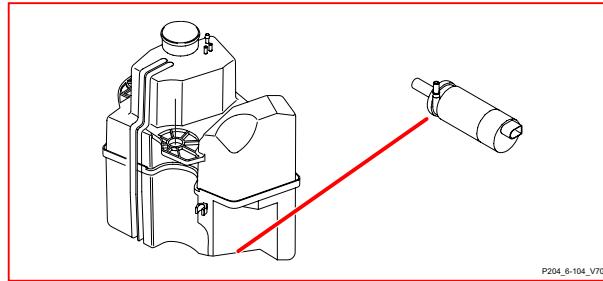
6/102 Damper Motor Module (DMM), defroster



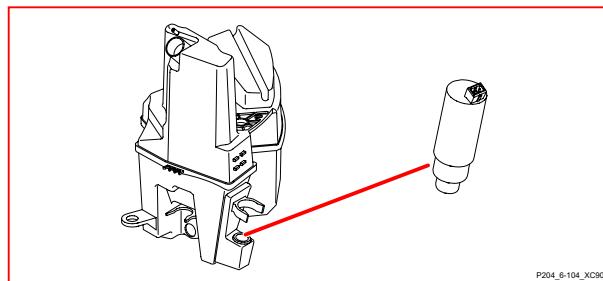
6/103 Damper Motor Module (DMM), floor/ventilation



6/104 High pressure headlight washer V70



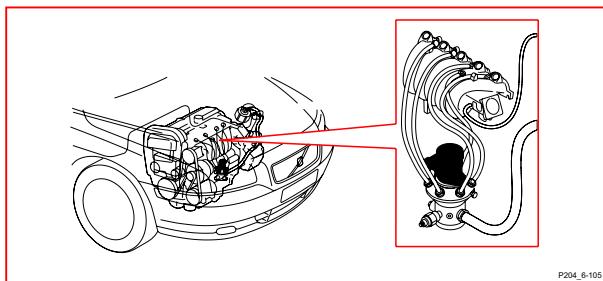
6/104 High pressure headlight washer motor XC90



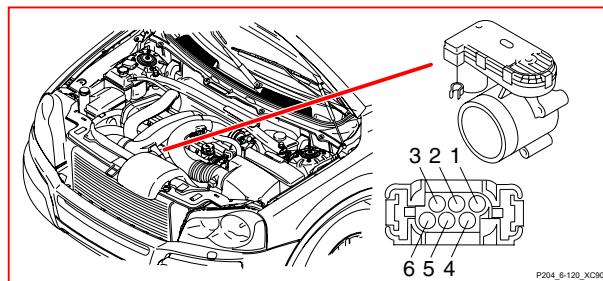
Component illustrations

6/105 - 6/127 V70

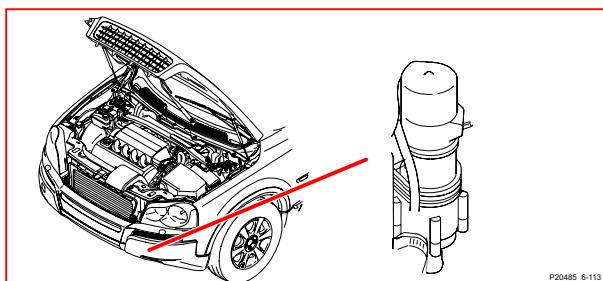
6/105 Fuel distributor gas



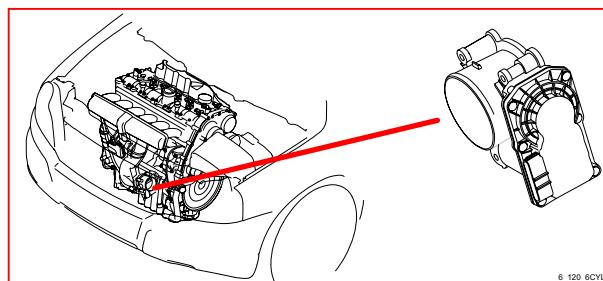
6/120 Throttle body motor XC90



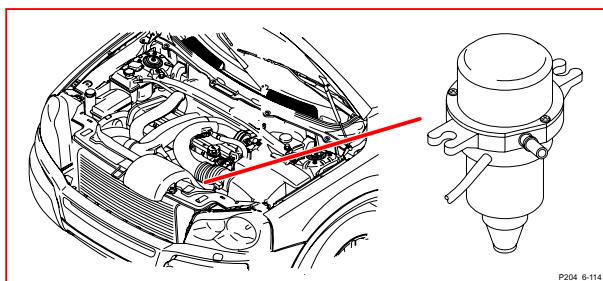
6/113 Coolant pump, 8-cyl.



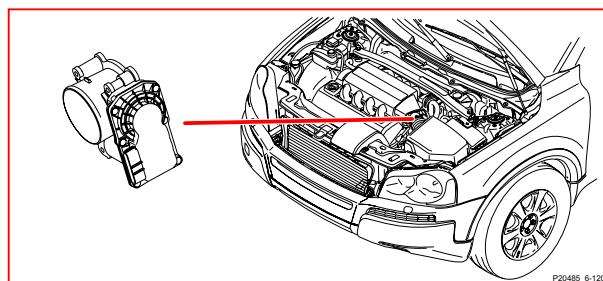
6/120 Throttle body motor, 6-cyl.



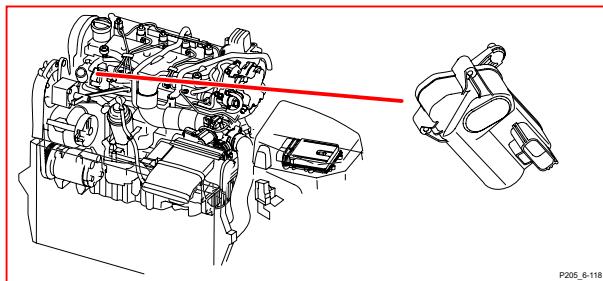
6/114 Vacuum pump



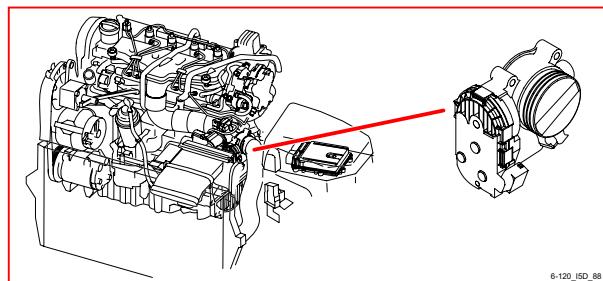
6/120 Throttle body motor, 8-cyl.



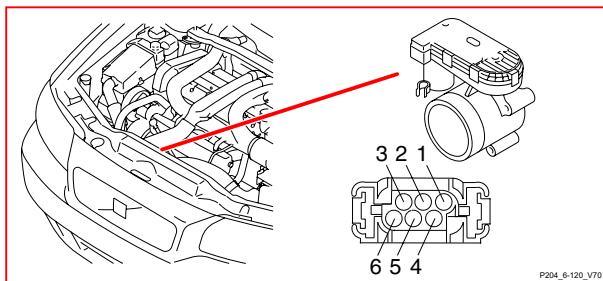
6/118 Regulator motor, swirl throttle



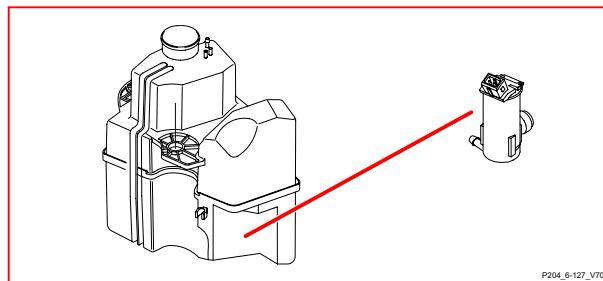
6/120 Throttle body motor, Diesel



6/120 Throttle body motor V70



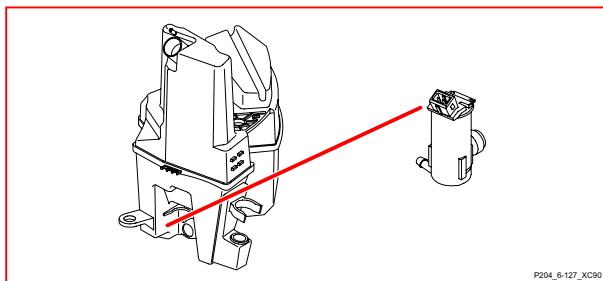
6/127 Washer motor V70



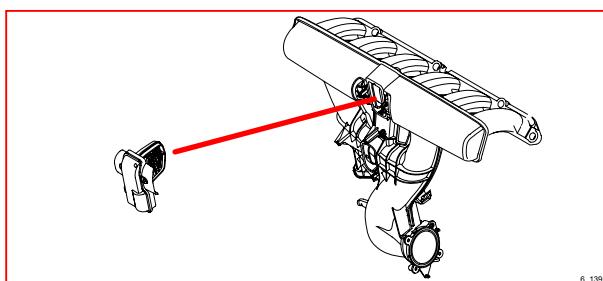
Component illustrations

6/127 XC90 - 7/8 V70

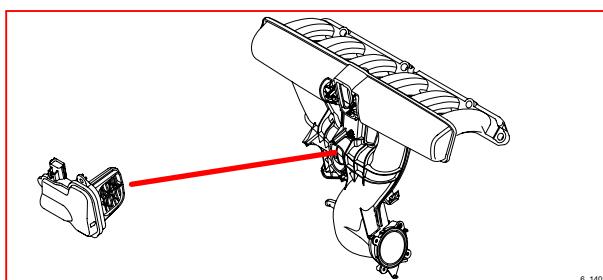
6/127 Washer motor XC90



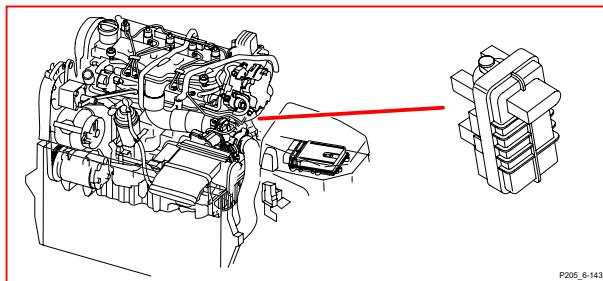
6/139 Upper actuating motor, intake manifold



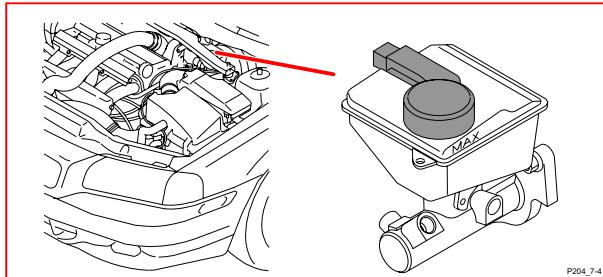
6/140 Lower actuating motor, intake manifold



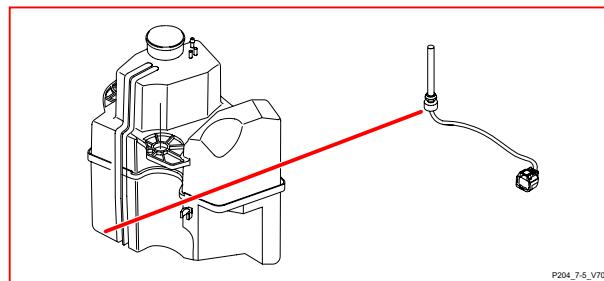
6/143 Regulator motor, Turbo



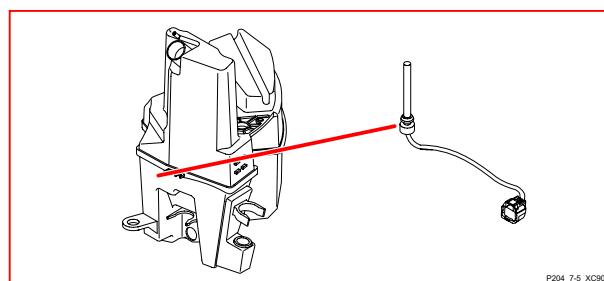
7/4 Brake fluid level sensor



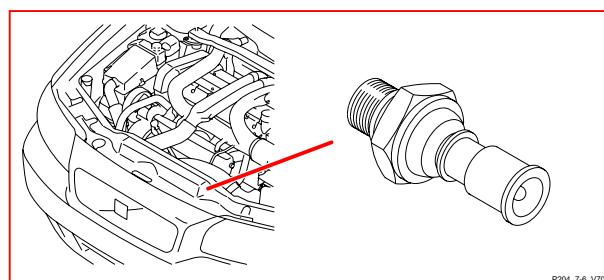
7/5 Washer fluid level sensor V70



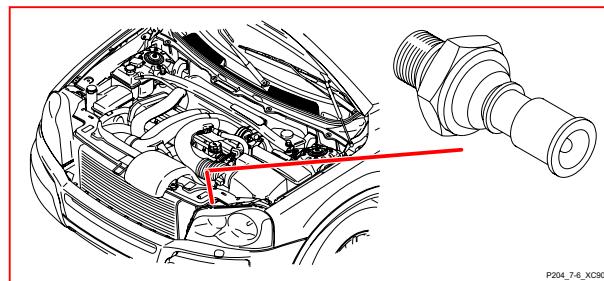
7/5 Washer fluid level sensor XC90



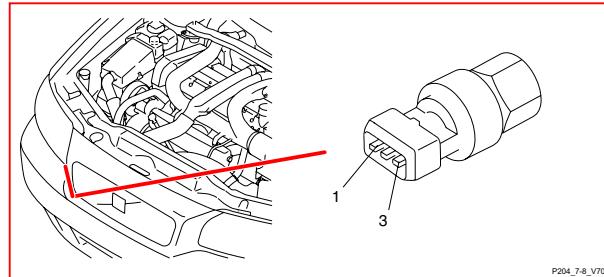
7/6 Oil pressure monitor V70



7/6 Oil pressure monitor XC90



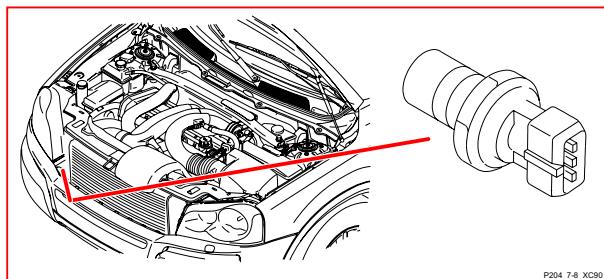
7/8 Pressure sensor, climate control system V70



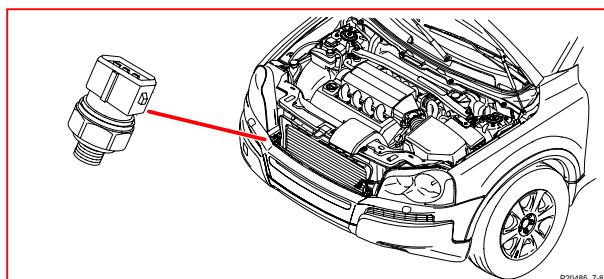
Component illustrations

7/8 XC90 - 7/15

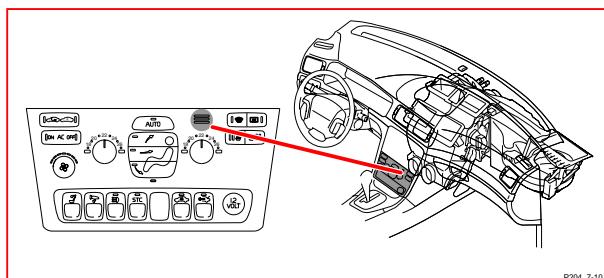
7/8 Pressure sensor, climate control system XC90



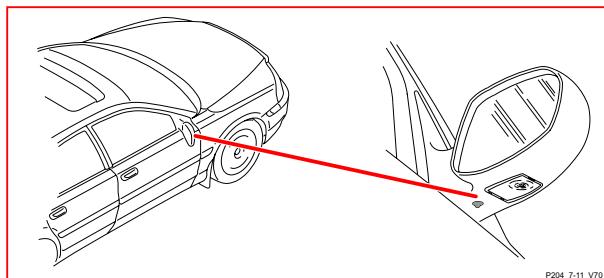
7/8 Pressure sensor, climate control system, 8-cyl.



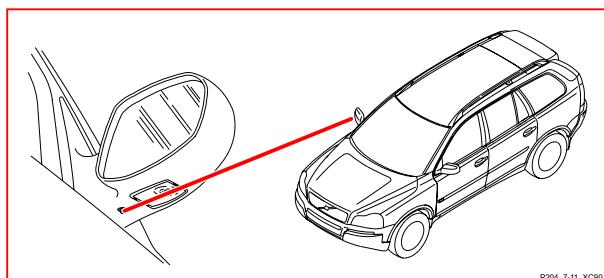
7/10 Interior temperature sensor



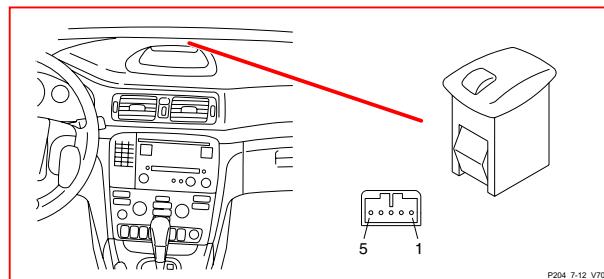
7/11 Outside temperature sensor V70



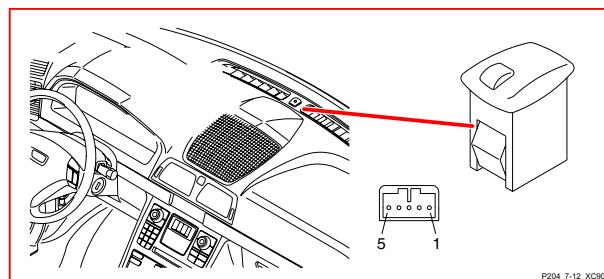
7/11 Outside temperature sensor XC90



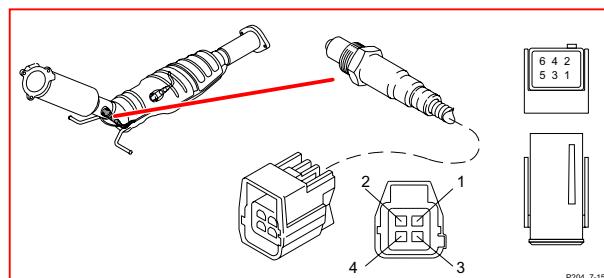
7/12 Solar sensor, twilight sensor and indicator alarm V70



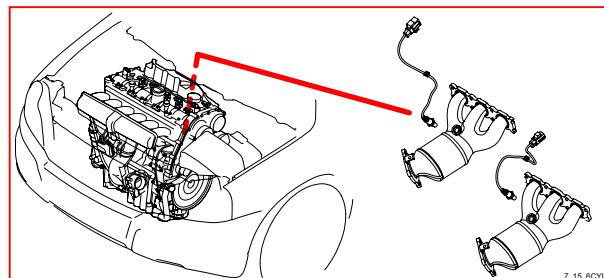
7/12 Solar sensor, twilight sensor and indicator alarm XC90



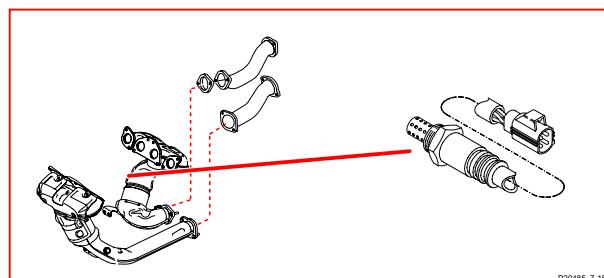
7/15 Heated oxygen sensor, 5-cyl.



7/15 Heated oxygen sensor, 6-cyl.



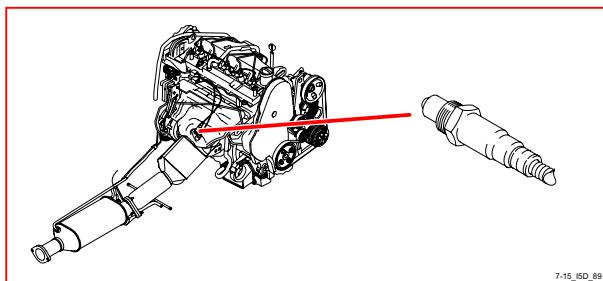
7/15 Front heated oxygen sensor, bank 2, 8-cyl.



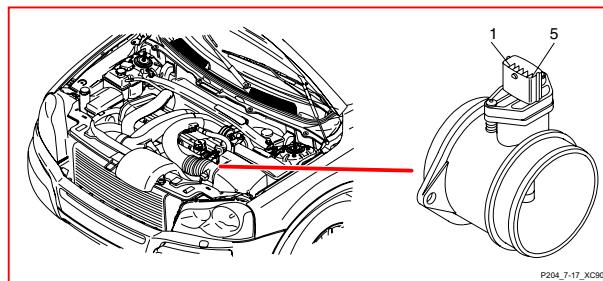
Component illustrations

7/15 Diesel - 7/24

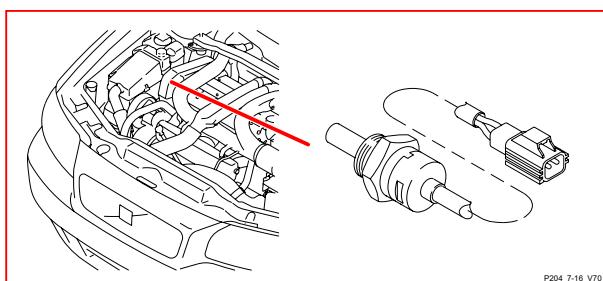
7/15 Heated oxygen sensor, Diesel



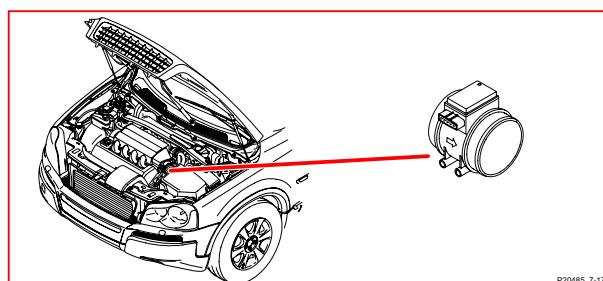
7/17 Mass air flow sensor (MAF) XC90



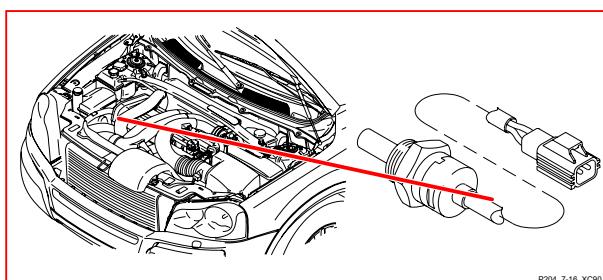
7/16 Coolant temperature sensor V70



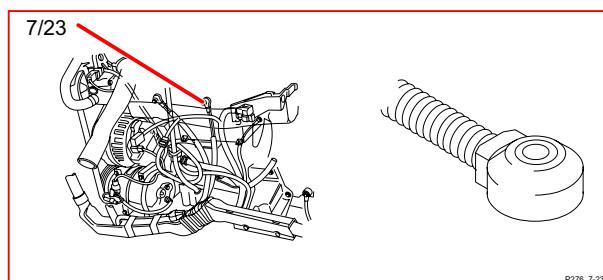
7/17 Mass air flow sensor (MAF), 8-cyl.



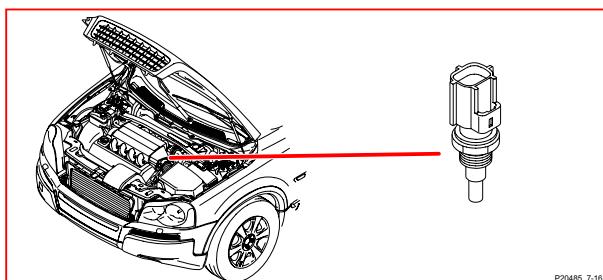
7/16 Coolant temperature sensor XC90



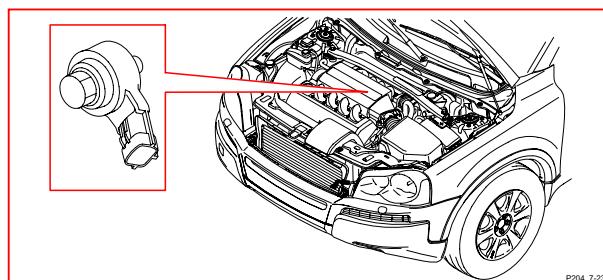
7/23 Rear knock sensor



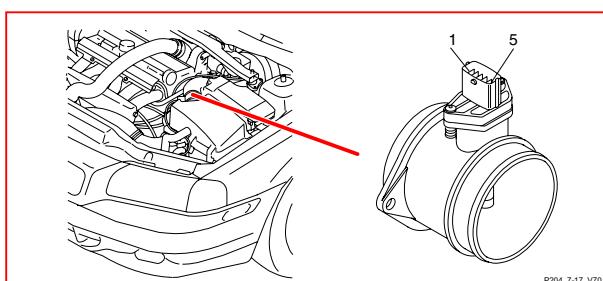
7/16 Coolant temperature sensor, 8-cyl.



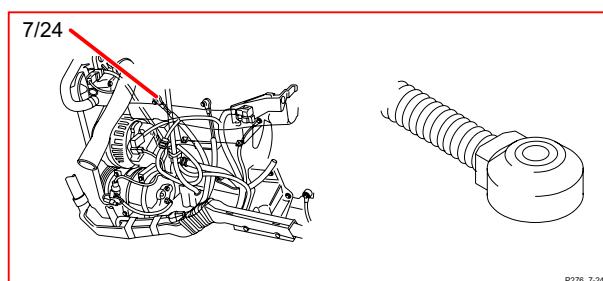
7/23 Rear knock sensor, 8-cyl.



7/17 Mass air flow sensor (MAF) V70



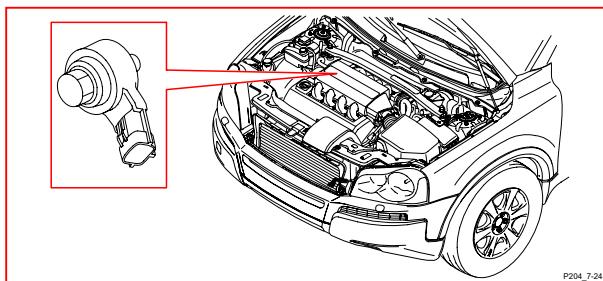
7/24 Front knock sensor



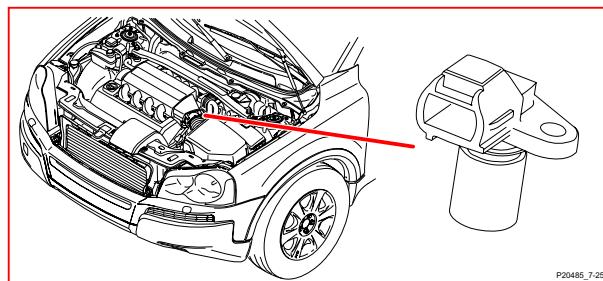
Component illustrations

7/24 8-cyl. - 7/41

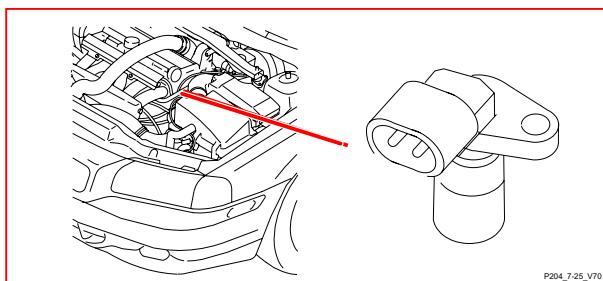
7/24 Front knock sensor, 8-cyl.



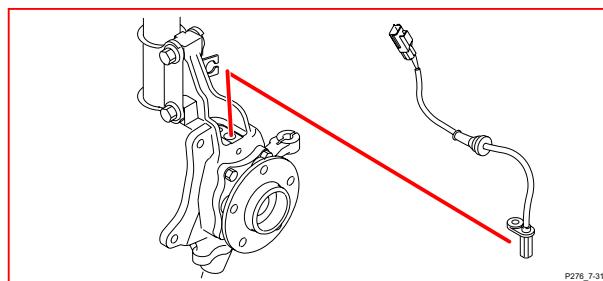
7/25 Impulse sensor, 8-cyl.



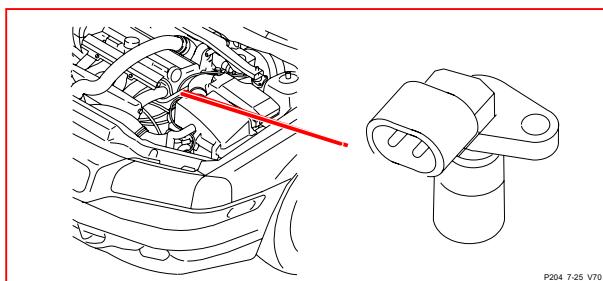
7/25 Impulse sensor V70



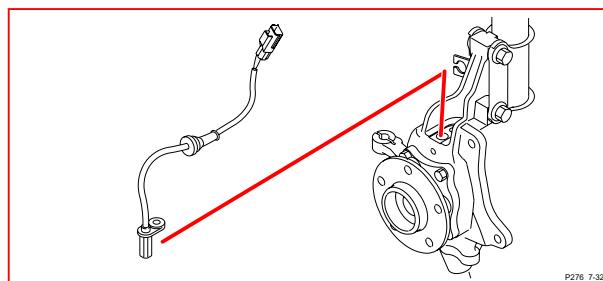
7/31 Sensor ABS, front left



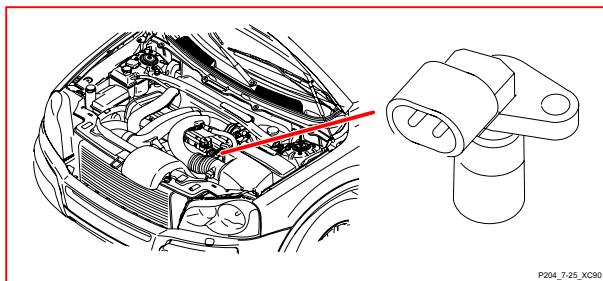
7/25 Impulse sensor, Diesel V70



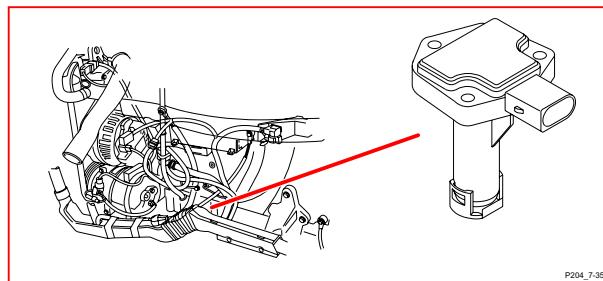
7/32 Sensor ABS, front right



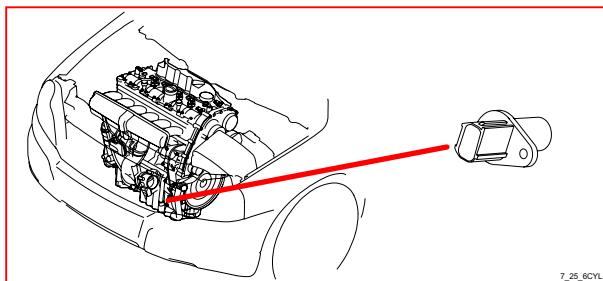
7/25 Impulse sensor XC90



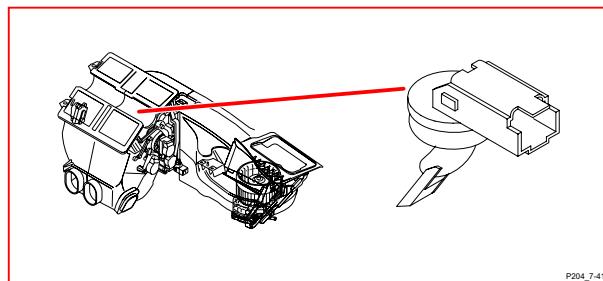
7/35 Oil level sensor



7/25 Impulse sensor, 6-cyl.



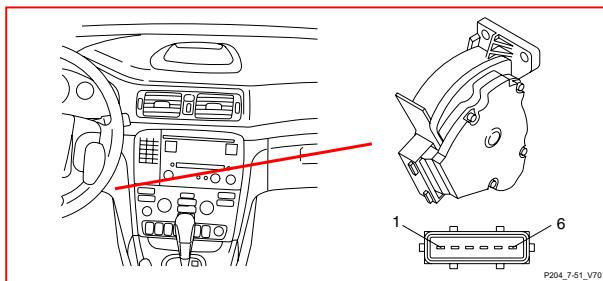
7/41 Temperature sensor evaporator



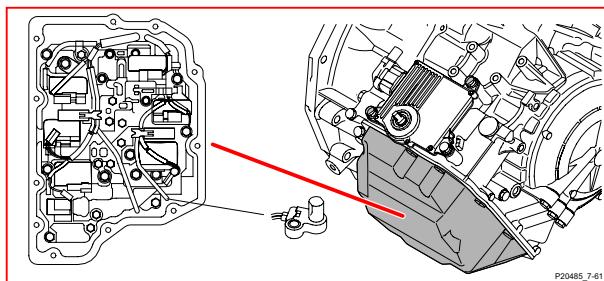
Component illustrations

7/51 - 7/73 XC90

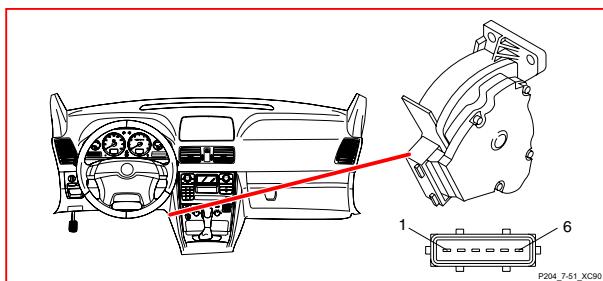
7/51 Accelerator pedal sensor V70



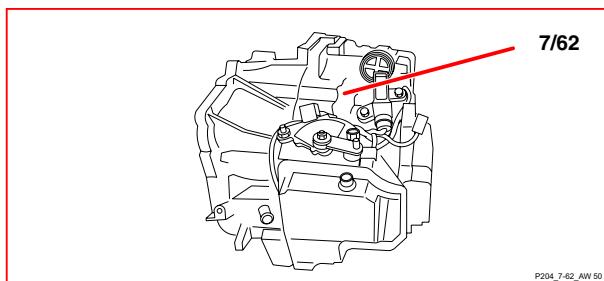
7/61 Input speed sensor TF-80SC



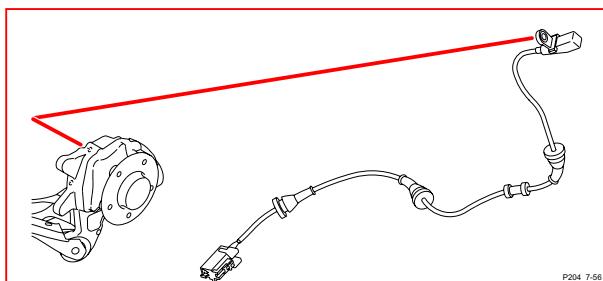
7/51 Accelerator pedal sensor XC90



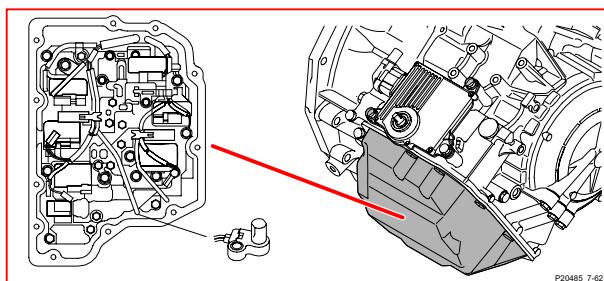
7/62 Output speed sensor AW51



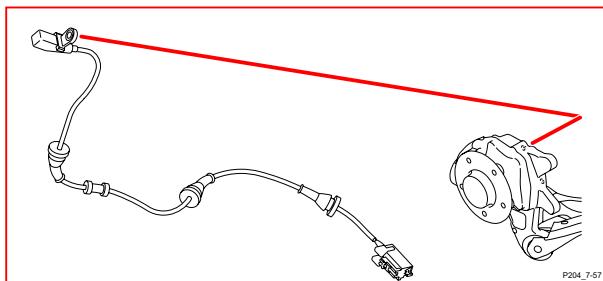
7/56 Sensor ABS, rear left



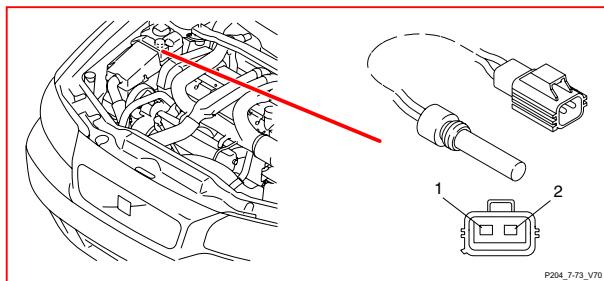
7/62 Output speed sensor TF-80SC



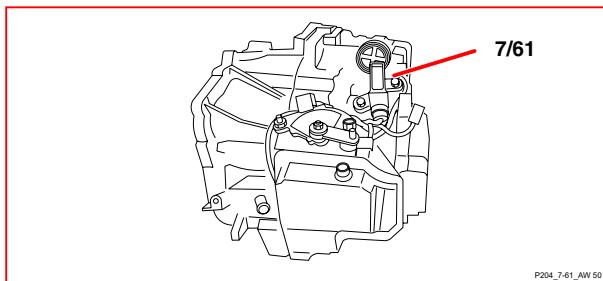
7/57 Sensor ABS, rear right



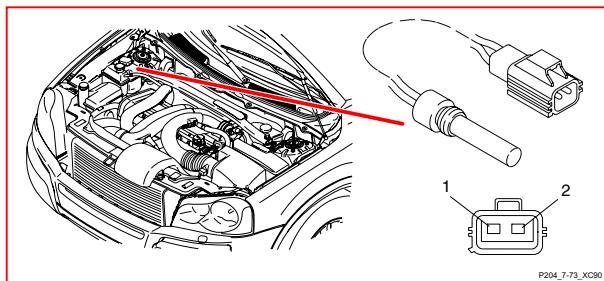
7/73 Coolant level sensor V70



7/61 Input speed sensor AW51



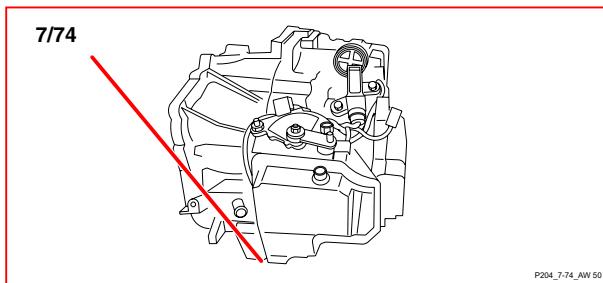
7/73 Coolant level sensor XC90



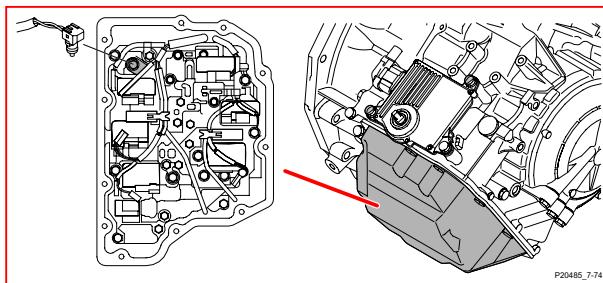
Component illustrations

7/74 - 7/88

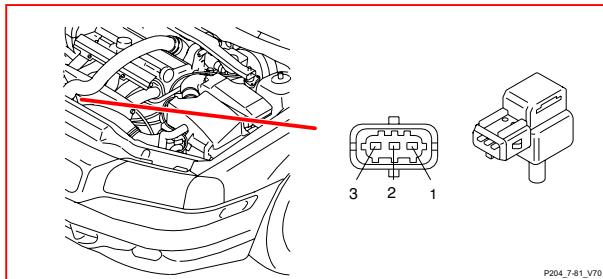
7/74 Fluid temperature sensor, automatic transmission AW51



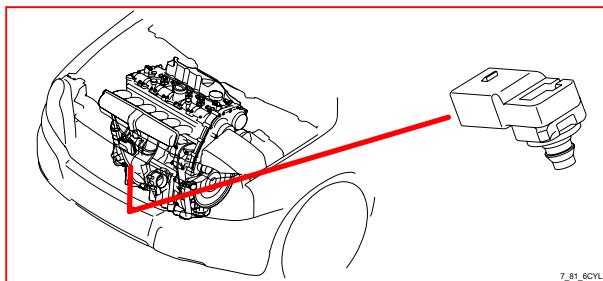
7/74 Fluid temperature sensor, automatic transmission TF-80SC



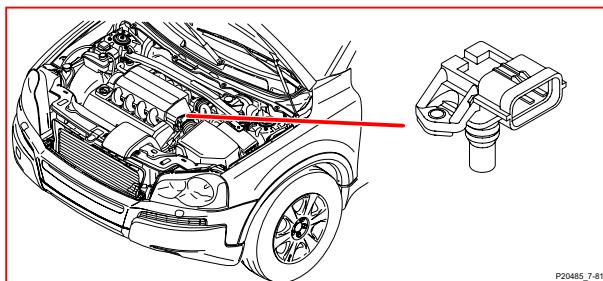
7/81 Pressure sensor, intake manifold



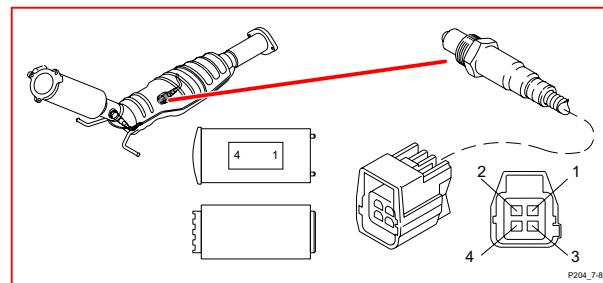
7/81 Intake manifold pressure sensor, 6-cyl.



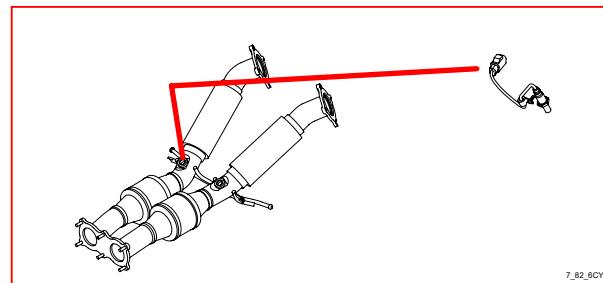
7/81 Intake manifold pressure sensor, 8-cyl.



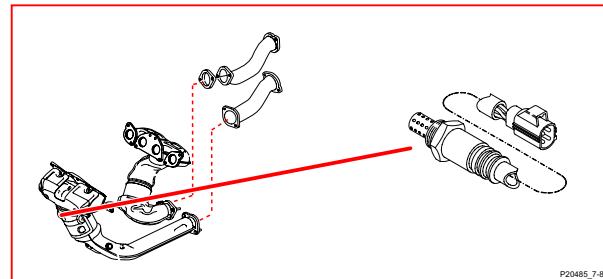
7/82 Heated oxygen sensor, diagnostics 1, 5-cyl.



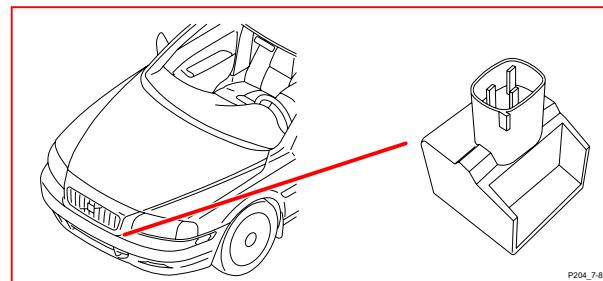
7/82 Heated oxygen sensor, diagnostics 1, 6-cyl.



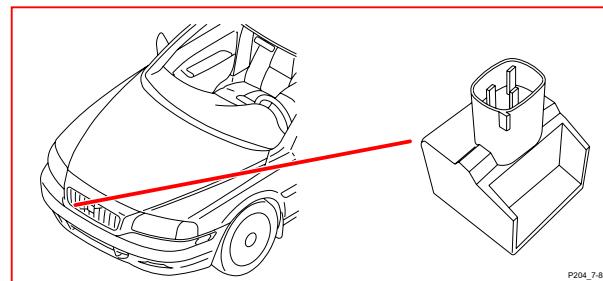
7/82 Front heated oxygen sensor, bank 1, 8-cyl.



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



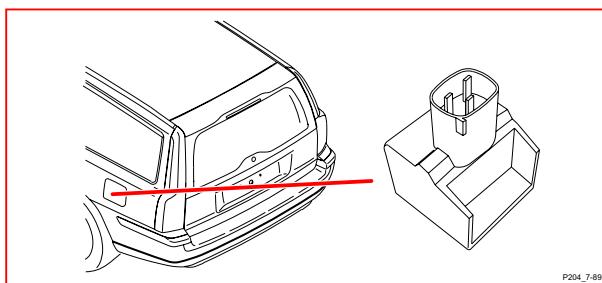
7/88 Acceleration sensor, Four-C, front right



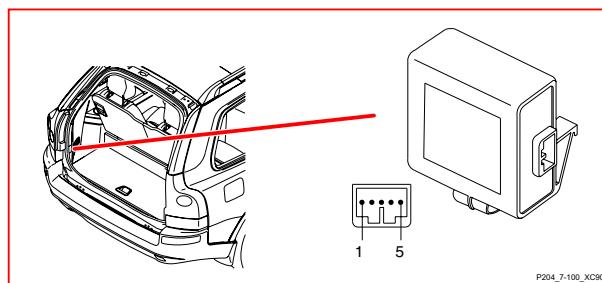
Component illustrations

7/89 - 7/104

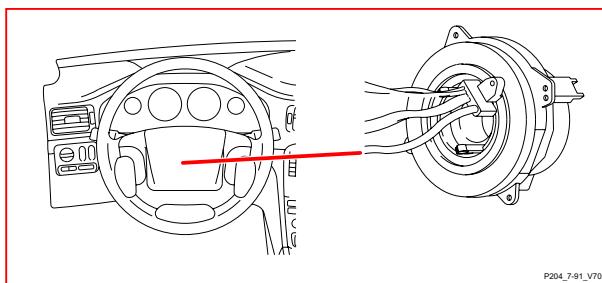
7/89 Acceleration sensor, Four-C, rear left



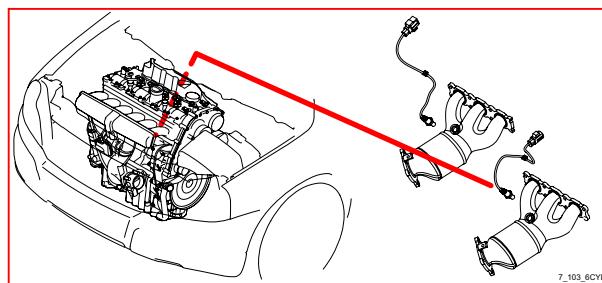
7/100 Inclination Sensor Module (ISM) XC90



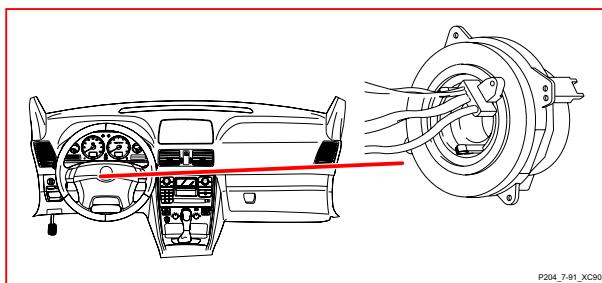
7/91 Steering angle sensor V70



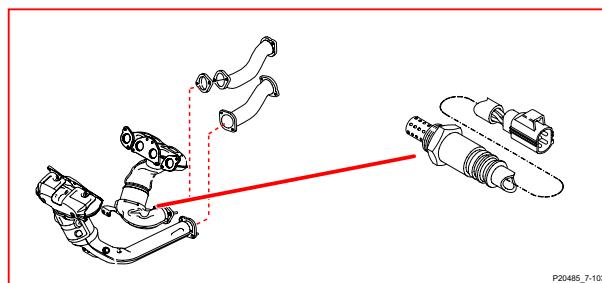
7/103 Heated oxygen sensor 3, 6-cyl.



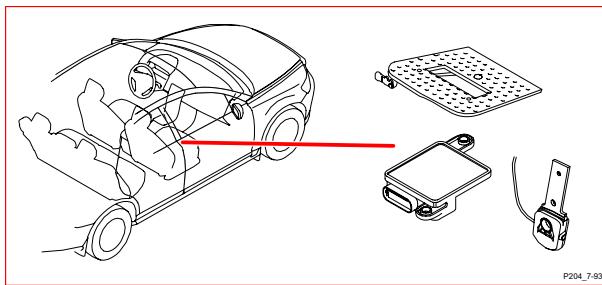
7/91 Steering angle sensor XC90



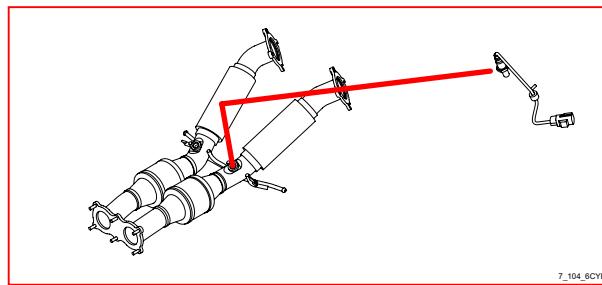
7/103 Rear heated oxygen sensor, bank 2, 8-cyl.



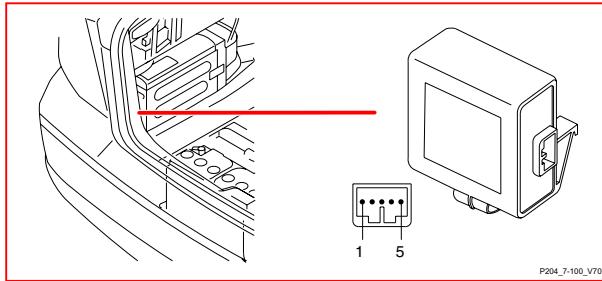
7/93 Occupant Weight Sensor (OWS)



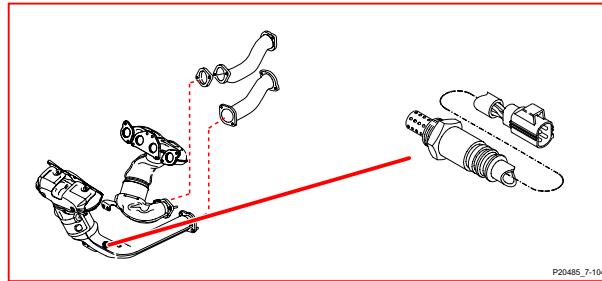
7/104 Rear heated oxygen sensor, bank 1, 6-cyl.



7/100 Inclination Sensor Module (ISM) V70



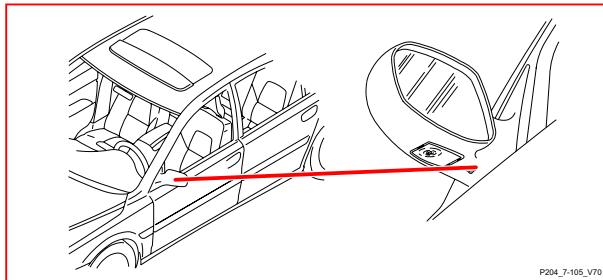
7/104 Rear heated oxygen sensor, bank 1, 8-cyl.



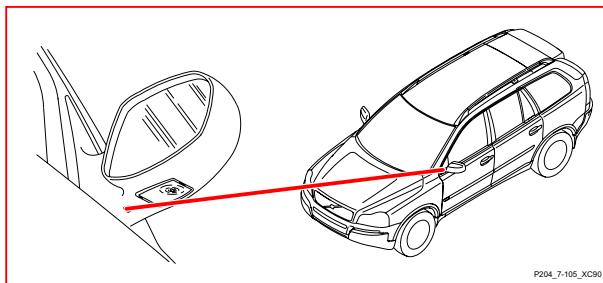
Component illustrations

7/105 - 7/115

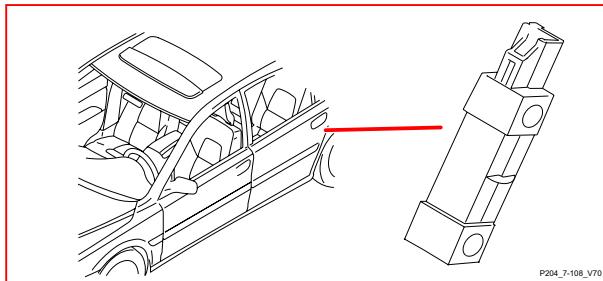
7/105 Outside temperature sensor, engine control module V70



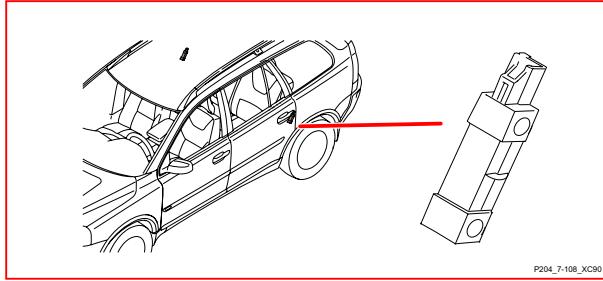
7/105 Outside temperature sensor, engine control module XC90



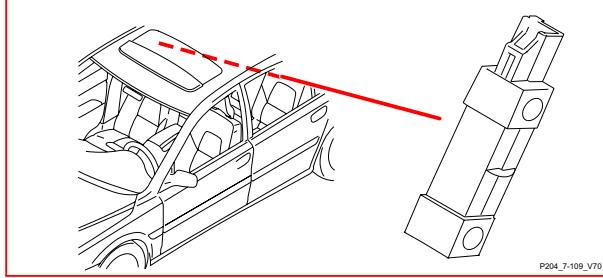
7/108 Side impact sensor, rear left V70



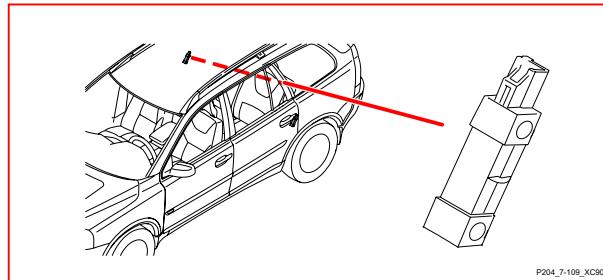
7/108 Side impact sensor, rear left XC90



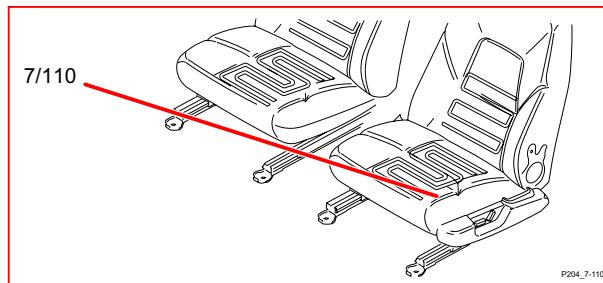
7/109 Side impact sensor, rear right V70



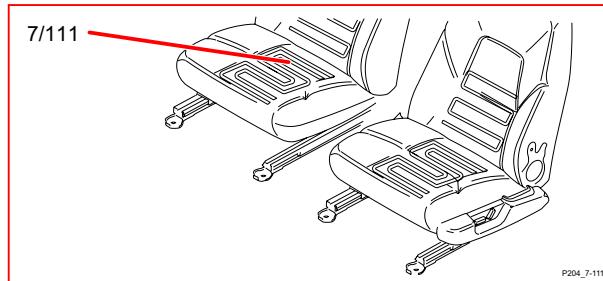
7/109 Side impact sensor, rear right XC90



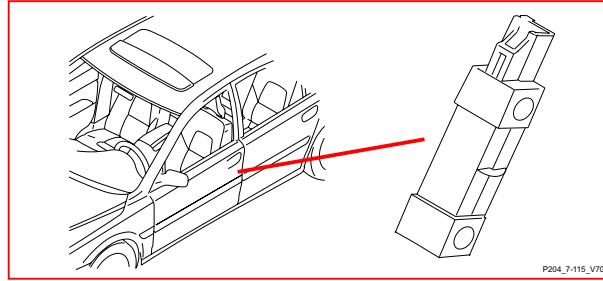
7/110 Left-hand seat temperature sensor



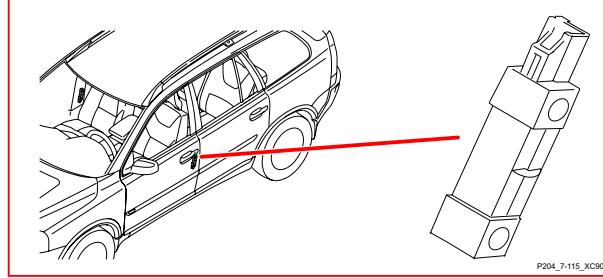
7/111 Right-hand seat temperature sensor



7/115 Side impact sensor, front left V70



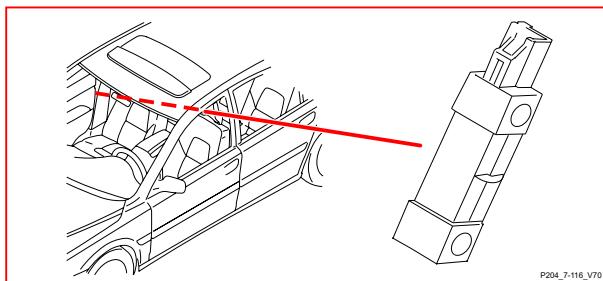
7/115 Side impact sensor, front left XC90



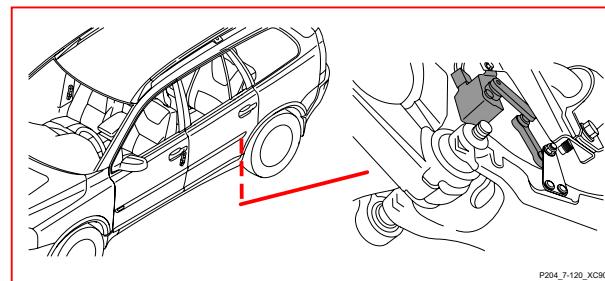
Component illustrations

7/116 V70 - 7/123 V70

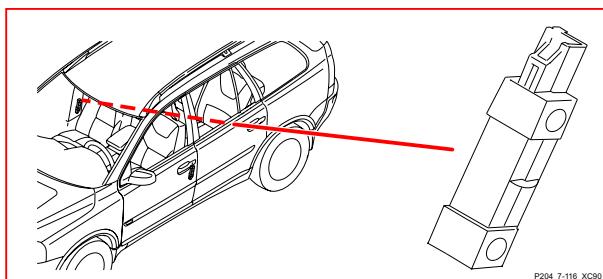
7/116 Side impact sensor, front right V70



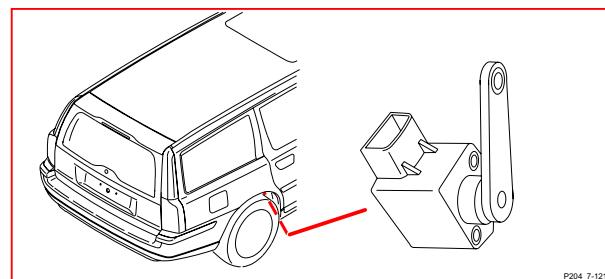
7/120 Rear left angle sensor, Four-C/ Bi-Xenon XC90



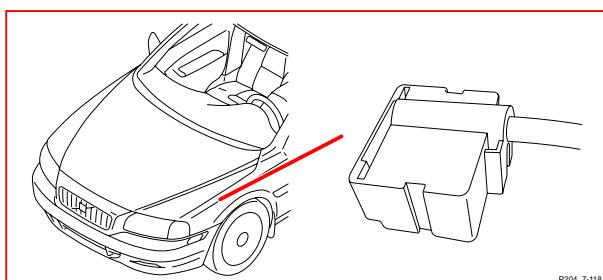
7/116 Side impact sensor, front right XC90



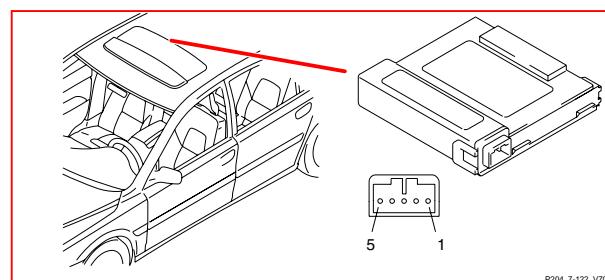
7/121 Rear right angle sensor, Four-C



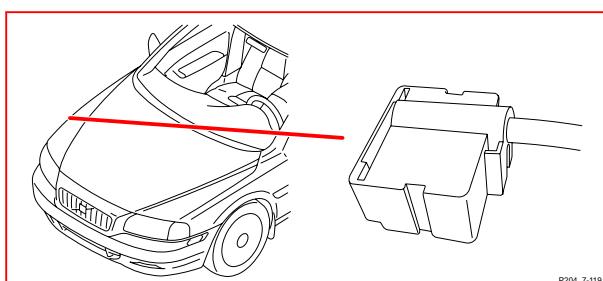
7/118 Acceleration sensor, shock absorber, Four-C, front left



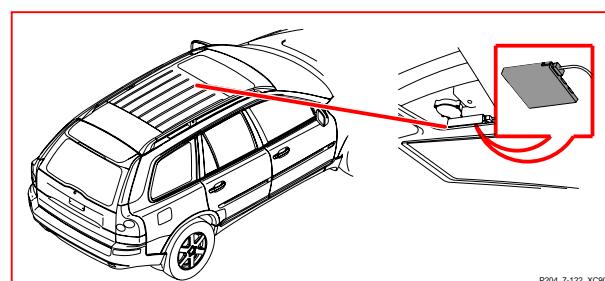
7/122 Mass Movement Sensor (MMS), front V70



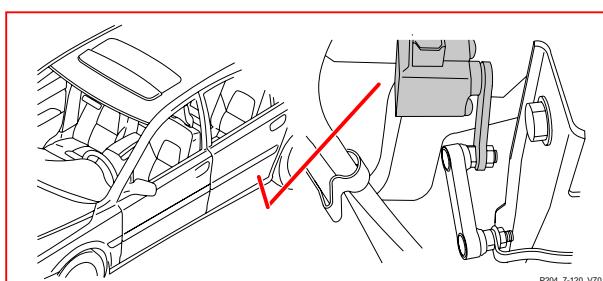
7/119 Acceleration sensor, shock absorber, Four-C, front right



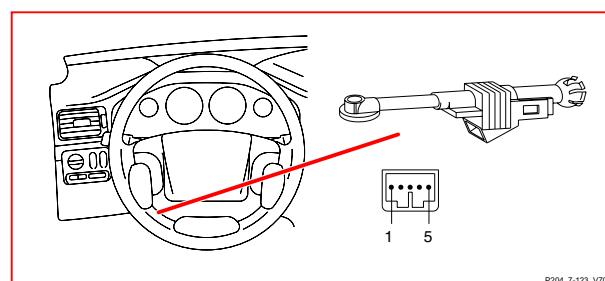
7/122 Mass Movement Sensor (MMS), front XC90



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



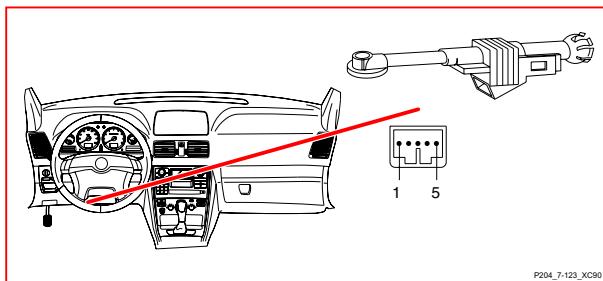
7/123 Clutch pedal sensor V70



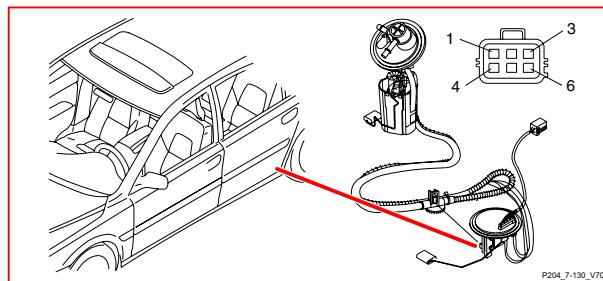
Component illustrations

7/123 XC90 - 7/136

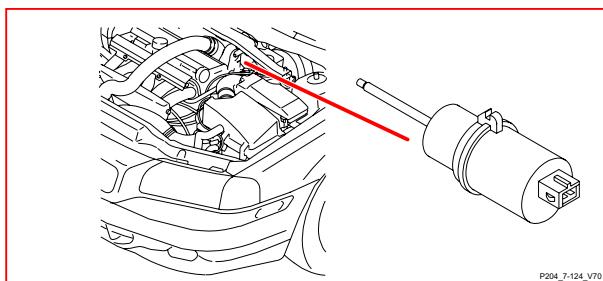
7/123 Clutch pedal sensor XC90



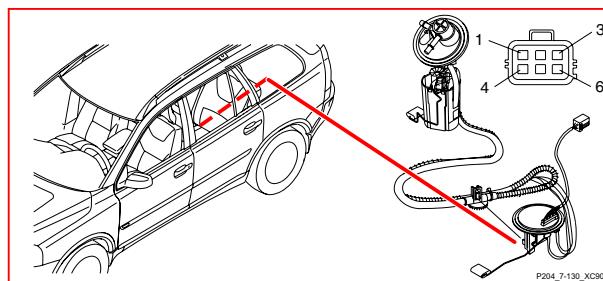
7/130 Fuel level sensor, ejector side V70



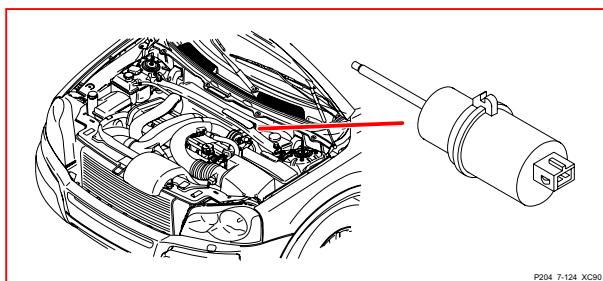
7/124 Brake pedal sensor V70



7/130 Fuel level sensor, ejector side XC90

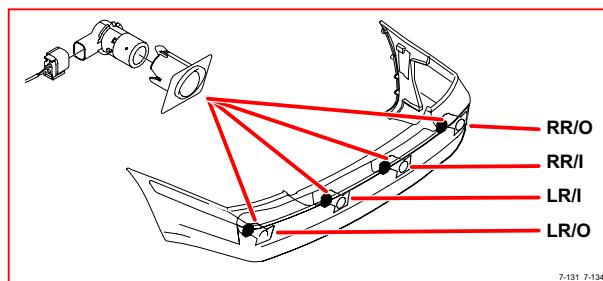


7/124 Brake pedal sensor XC90

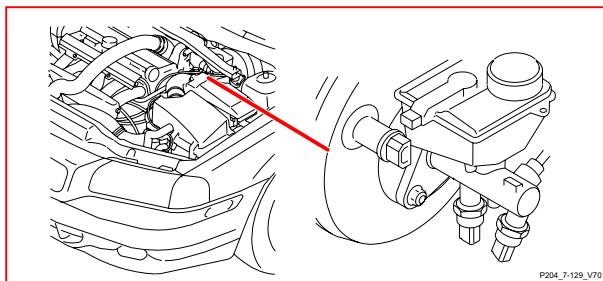


7/131-

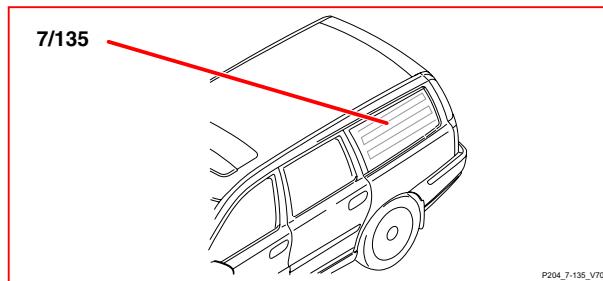
7/134 Rear parking assistance sensor



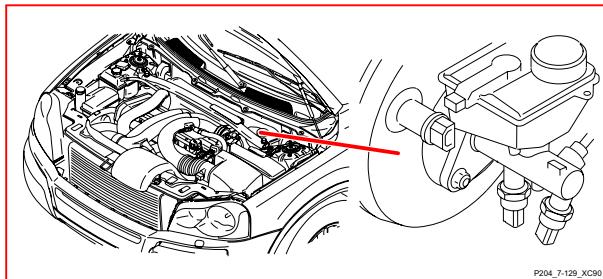
7/129 Brake pressure sensor 2 V70



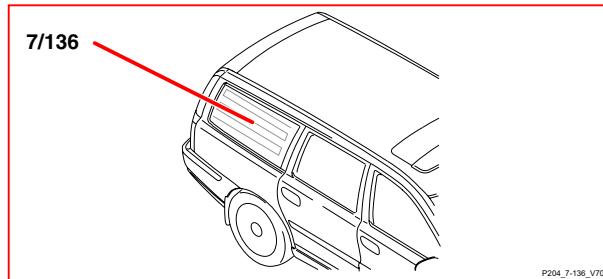
7/135 Glass breakage sensor, left-hand



7/129 Brake pressure sensor 2 XC90



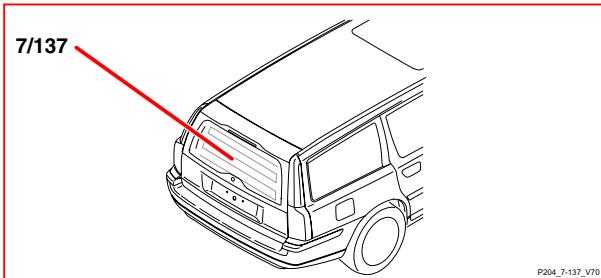
7/136 Glass breakage sensor, right-hand



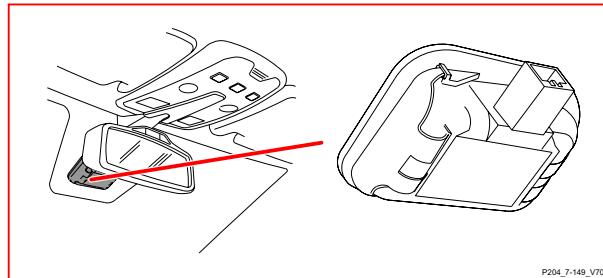
Component illustrations

7/137 - 7/156

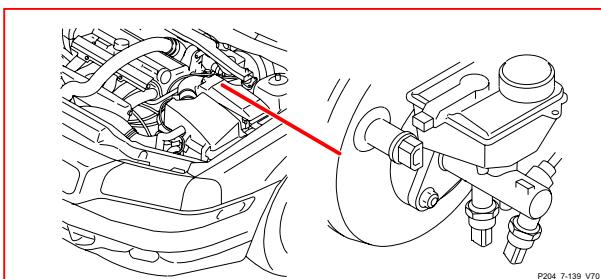
7/137 Glass breakage sensor, tailgate



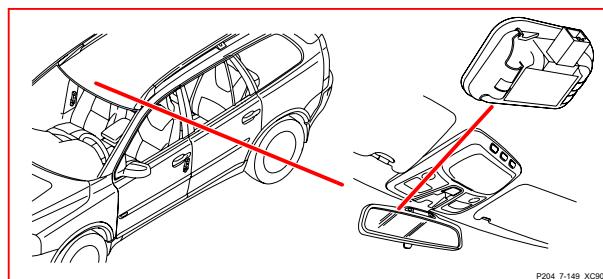
7/149 Rain Sensor Module (RSM) V70



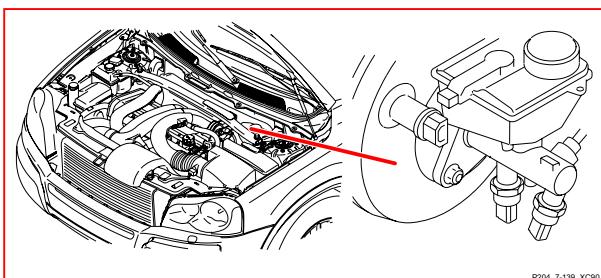
7/139 Brake pressure sensor 1 V70



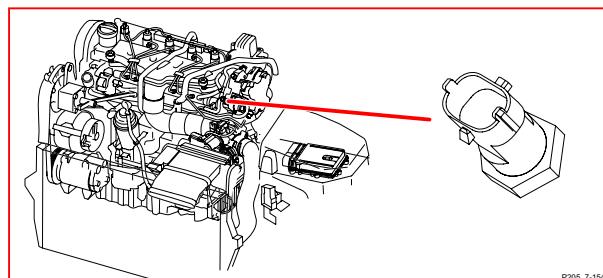
7/149 Rain Sensor Module (RSM) XC90



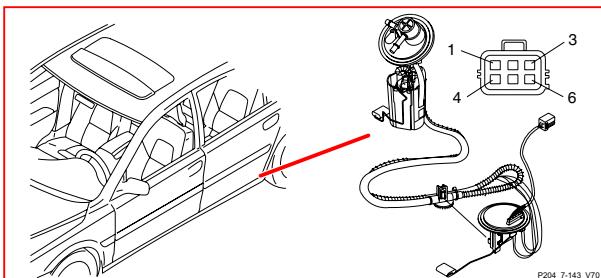
7/139 Brake pressure sensor 1 XC90



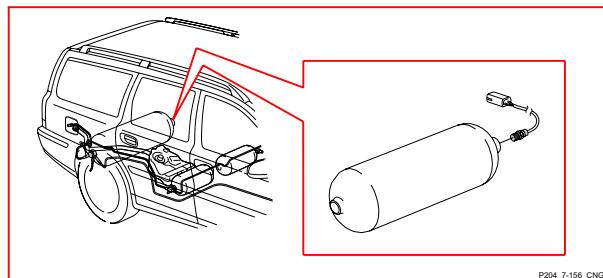
7/154 Fuel temperature sensor, Diesel



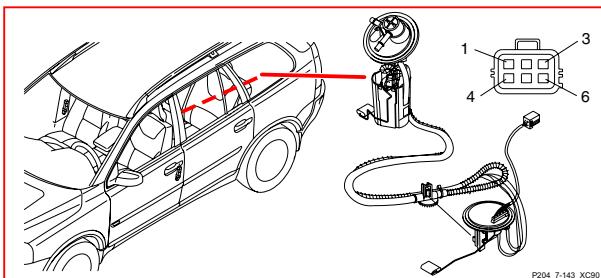
7/143 Fuel level sensor, pump side V70



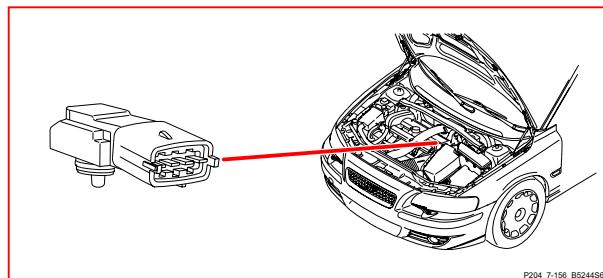
7/156 Pressure and temperature sensor, Bi-Fuel



7/143 Sensor fuel level, pump side XC90



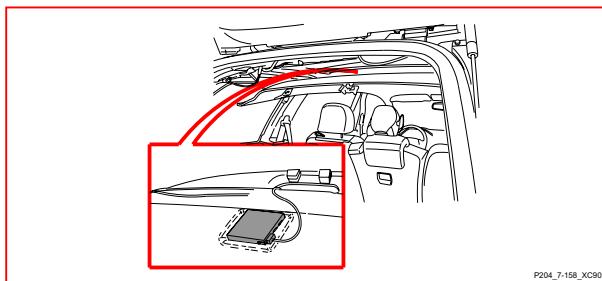
7/156 Pressure and temperature sensor fuel



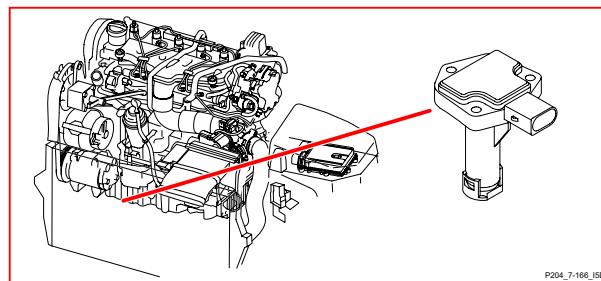
Component illustrations

7/158 - 7/173

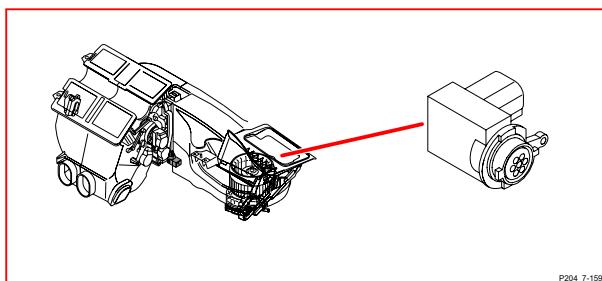
7/158 Mass Movement Sensor (MMS), rear



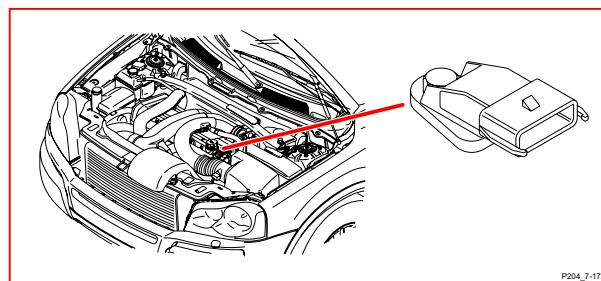
7/166 Oil level sensor, Diesel



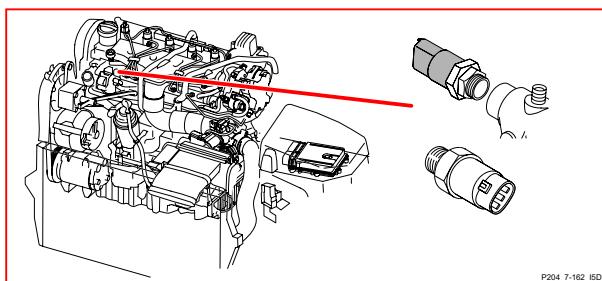
7/159 Air Quality Sensor (AQS)



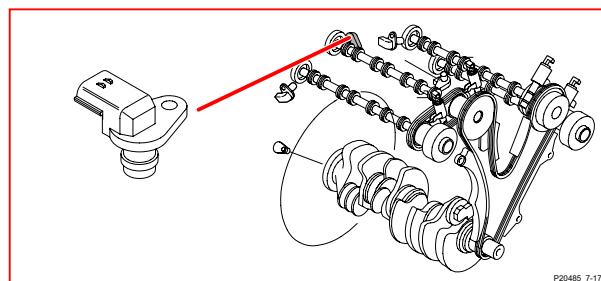
7/172 Position sensor camshaft, intake side



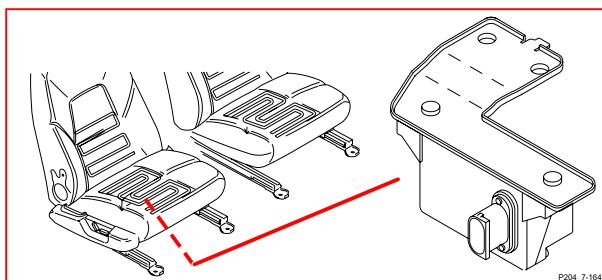
7/162 Fuel rail pressure sensor, Diesel



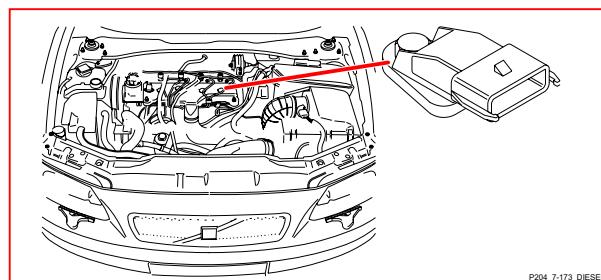
7/172 Intake camshaft position sensor, bank 2, 8-cyl.



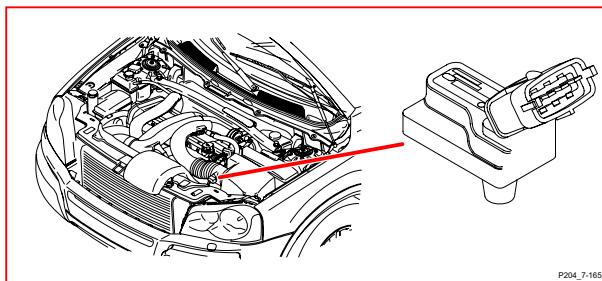
7/164 Body Sensor Cluster Stability Sensor (BSC)



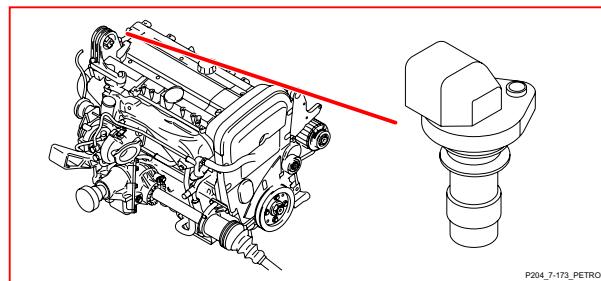
7/173 Camshaft position sensor, exhaust side, Diesel



7/165 Pressure and temperature sensor, intake manifold



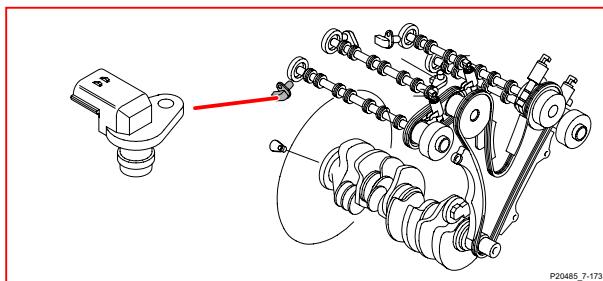
7/173 Camshaft position sensor, exhaust side, Gasoline



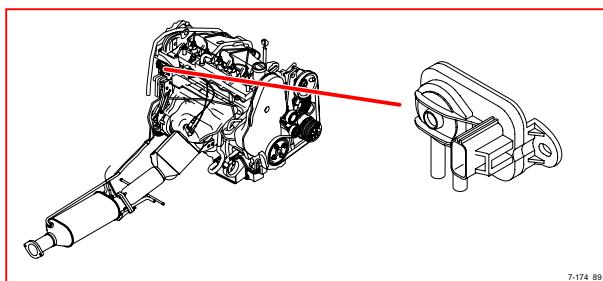
Component illustrations

7/173 8-cyl. - 7/201

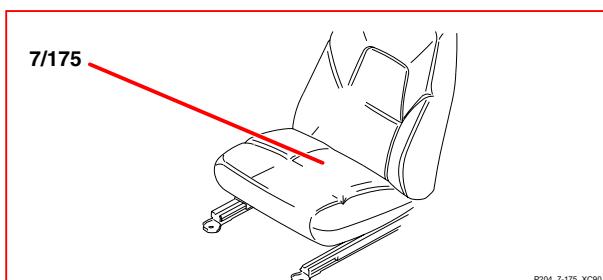
7/173 Exhaust camshaft position sensor, bank 2, 8-cyl.



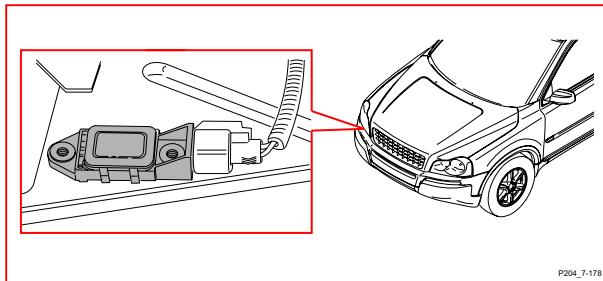
7/174 Differential pressure sensor, particle filter



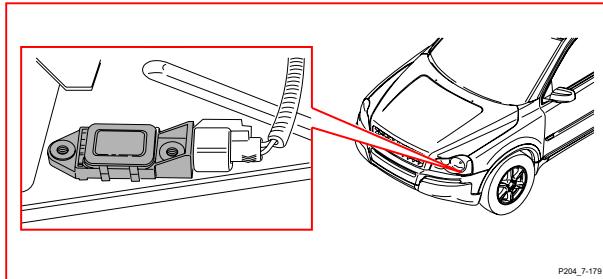
7/175 Weight sensor passenger seat, seat belt reminder



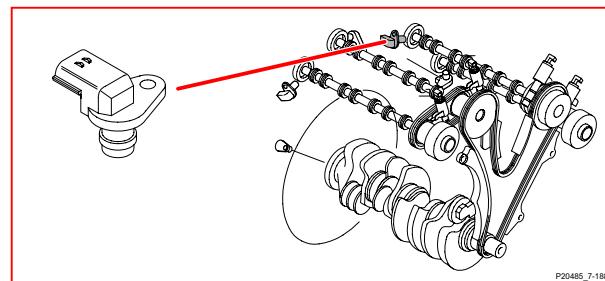
7/178 Front impact sensor, right



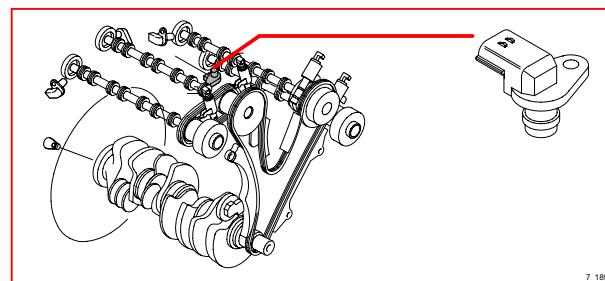
7/179 Front impact sensor, left



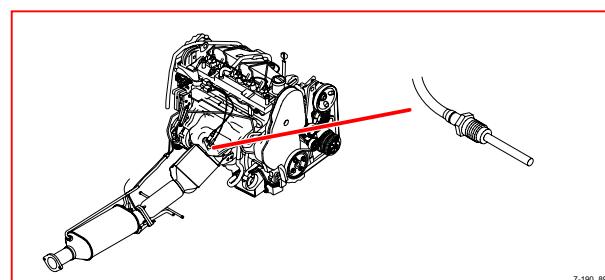
7/188 Intake camshaft position sensor, bank 1, 8-cyl.



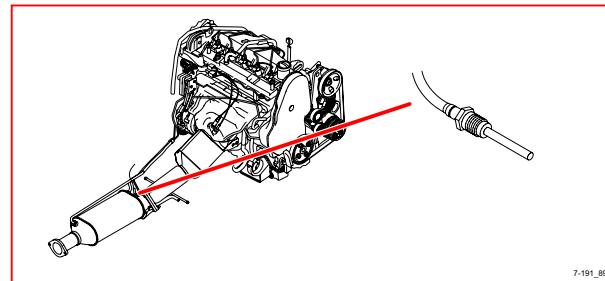
7/189 Exhaust camshaft position sensor, bank 1, 8-cyl.



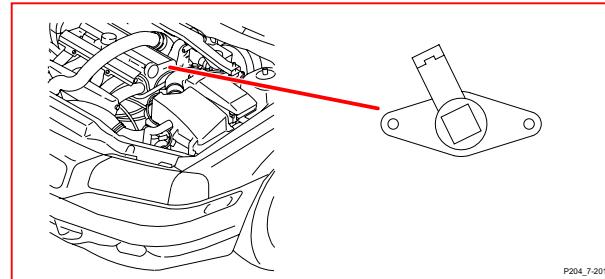
7/190 Temperature sensor, exhaust gases upstream of particle filter



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



7/201 Pressure and temperature sensor, gas

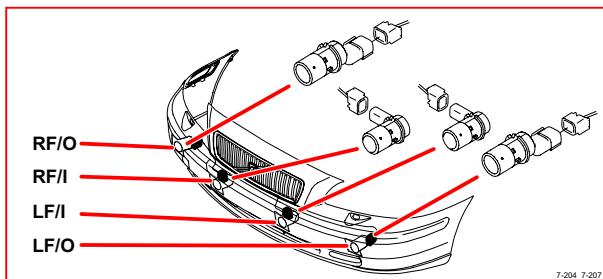


Component illustrations

7/204- 8/19

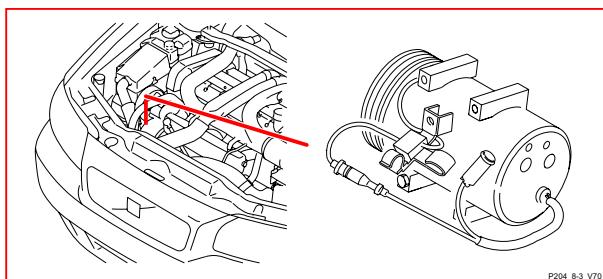
7/204-

7/207 Front parking assistance sensor



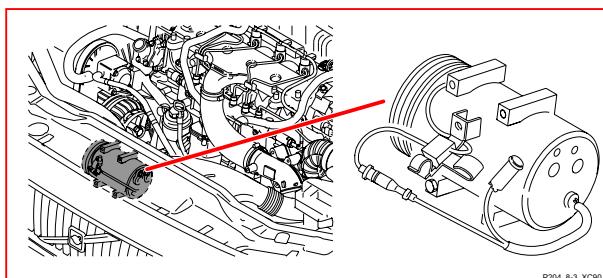
7/204_7-207

8/3 Electromagnetic clutch, climate control system V70



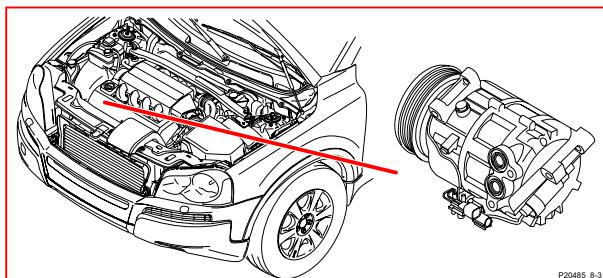
P204_8-3_V70

8/3 Electromagnetic clutch, climate control system XC90



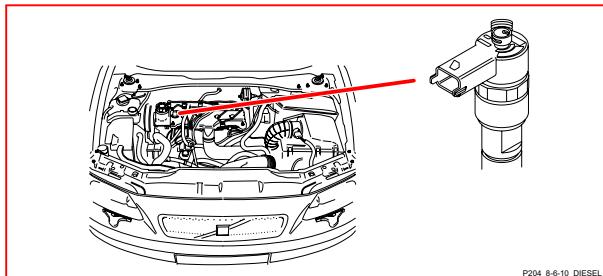
P204_8-3_XC90

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



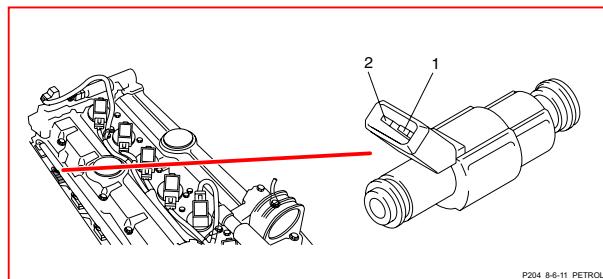
P20485_8

8/6-10 Injectors, Diesel



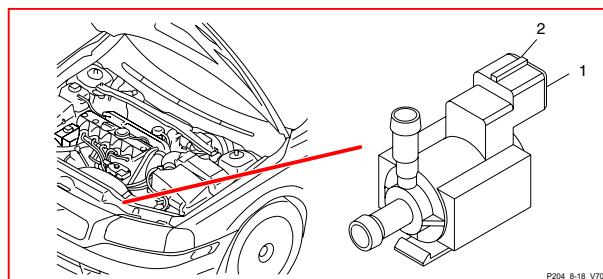
P204_8-6-10_DIESEL

8/6-11 Injectors, Gasoline



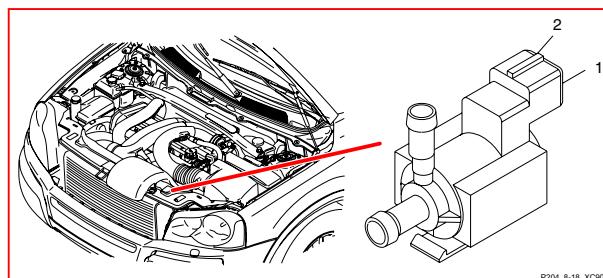
P204_8-6-11_PETROL

8/18 EVAP valve V70



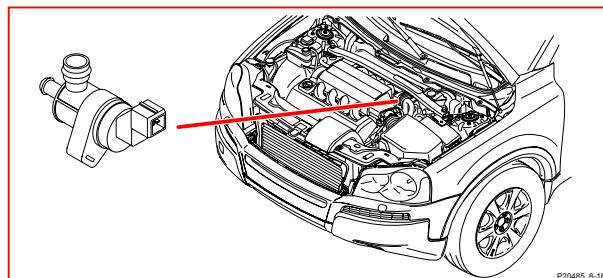
P204_8-18_V70

8/18 EVAP valve XC90



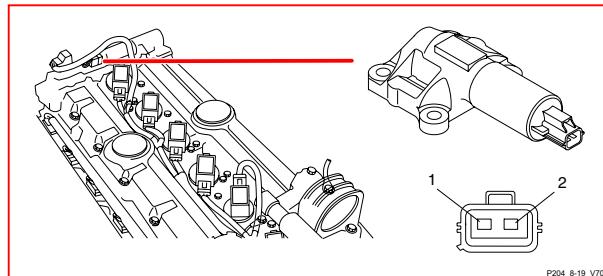
P204_8-18_XC90

8/18 EVAP valve, 8-cyl.



P20485_8

8/19 Solenoid, variable valve timing, intake

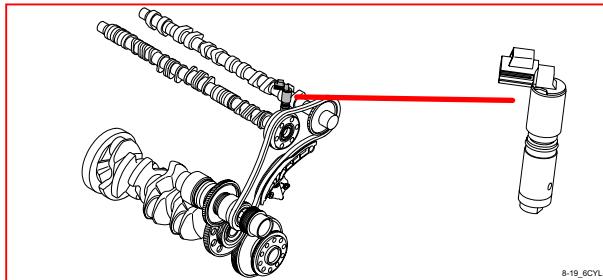


P204_8-19_V70

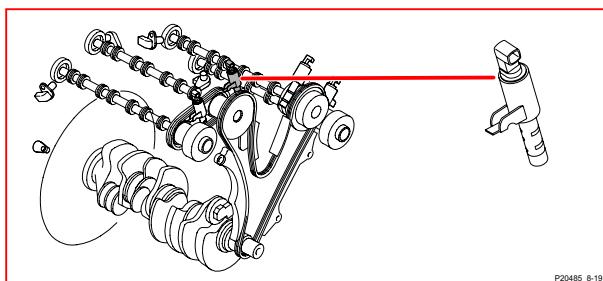
Component illustrations

8/19 - 8/31 V70

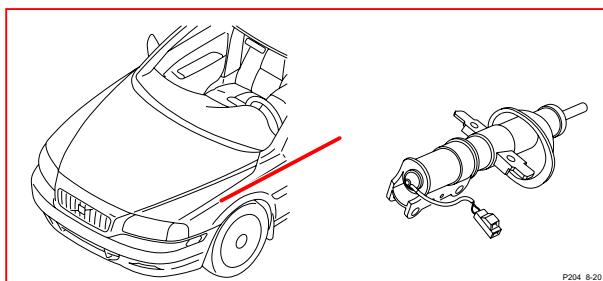
8/19 Solenoid, variable valve timing, intake, 6-cyl.



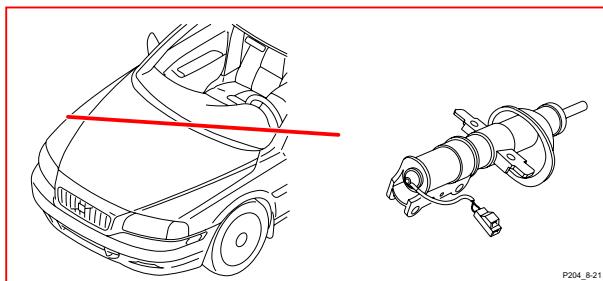
8/19 Solenoid, variable valve timing, intake, bank 2, 8-cyl.



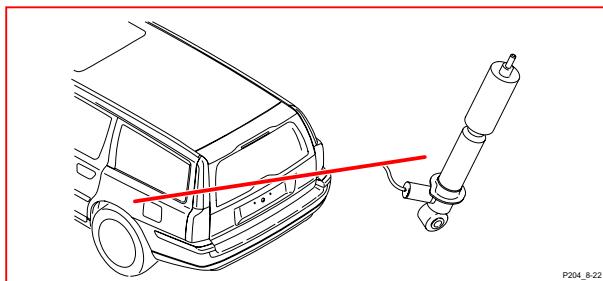
8/20 Shock absorber, Four-C, front left



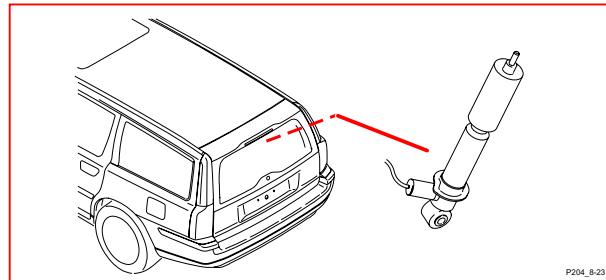
8/21 Shock absorber, Four-C, front right



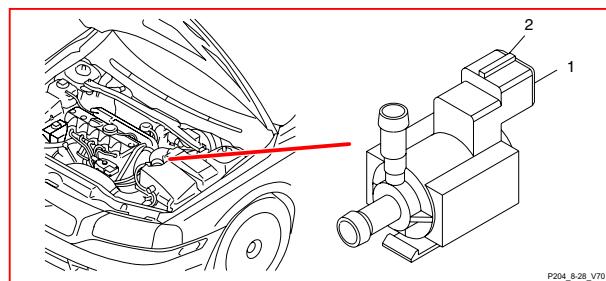
8/22 Shock absorber, Four-C, rear left



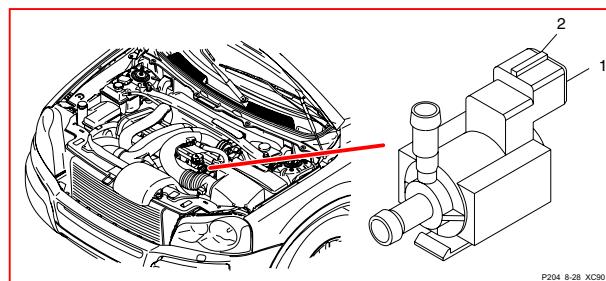
8/23 Shock absorber, Four-C, rear right



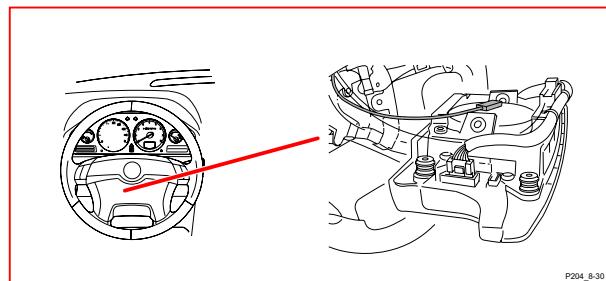
8/28 Turbocharger control valve V70



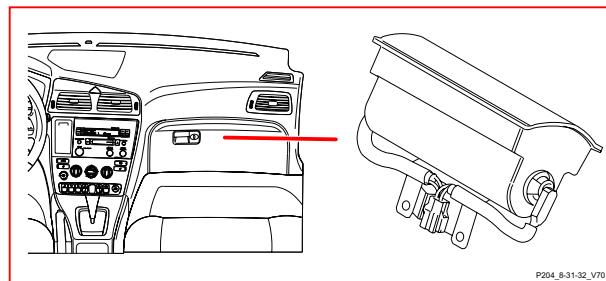
8/28 Turbocharger control valve XC90



8/30 Airbag igniter, driver's side



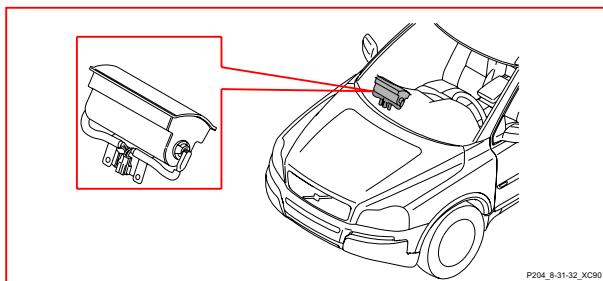
8/31 Igniter, passenger side airbag V70



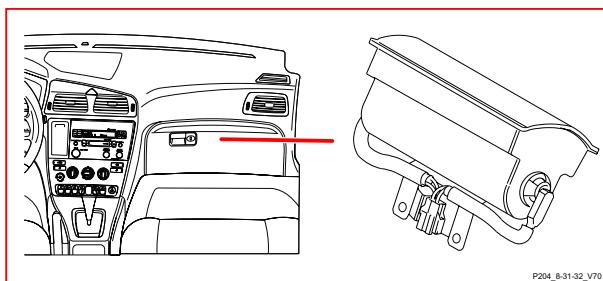
Component illustrations

8/31 XC90 - 8/37 TF-80SC

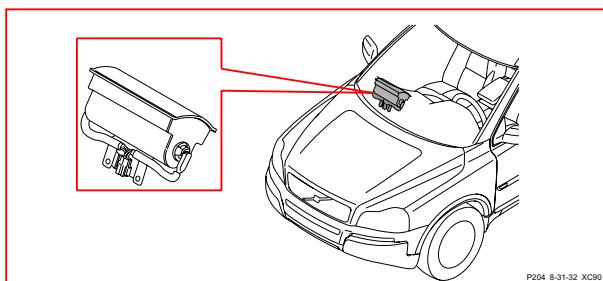
8/31 Igniter, passenger side airbag XC90



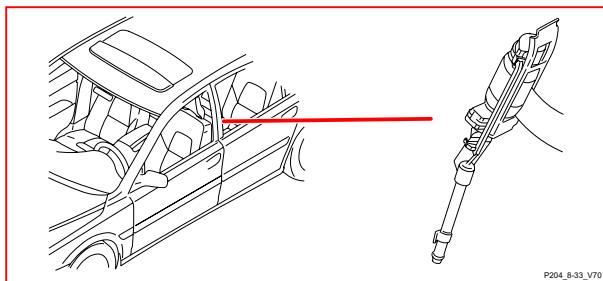
8/32 Igniter, airbag stage 2, passenger side V70



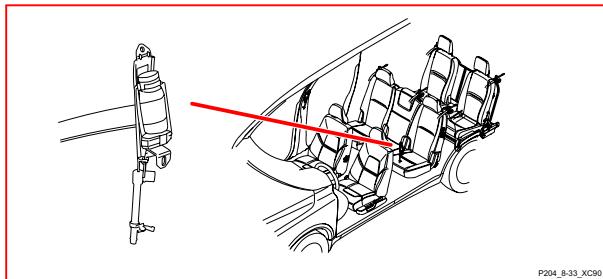
8/32 Igniter passenger side airbag stage 2, XC90



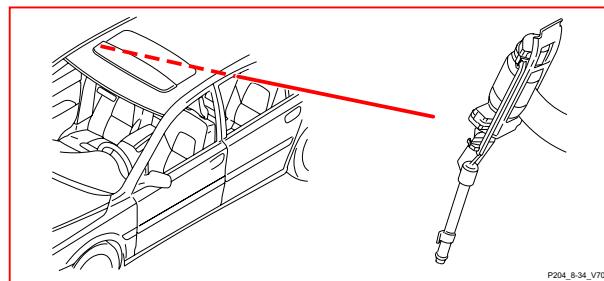
8/33 Front left belt tensioner igniter V70



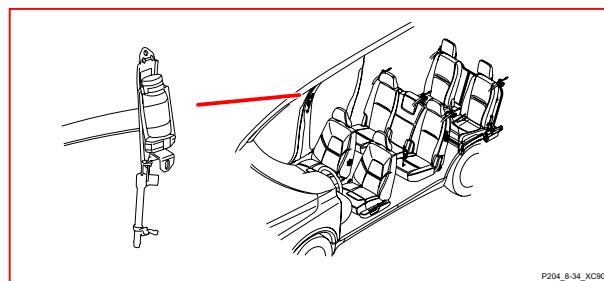
8/33 Front left belt tensioner igniter XC90



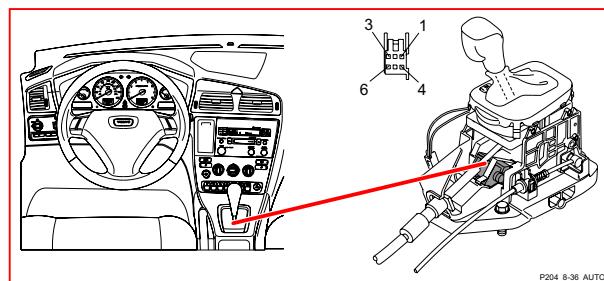
8/34 Front right belt tensioner igniter V70



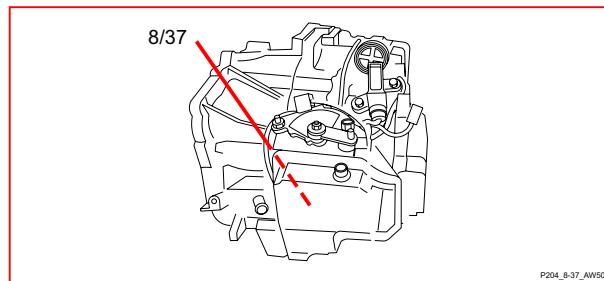
8/34 Front right seat belt tensioner igniter XC90



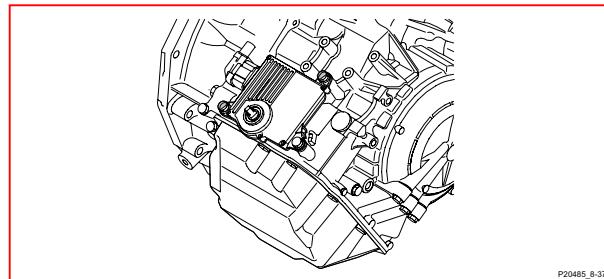
8/36 Solenoid shift lock



8/37 Automatic transmission AW51



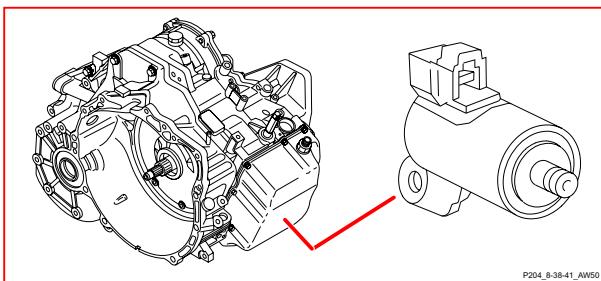
8/37 Automatic transmission TF-80SC



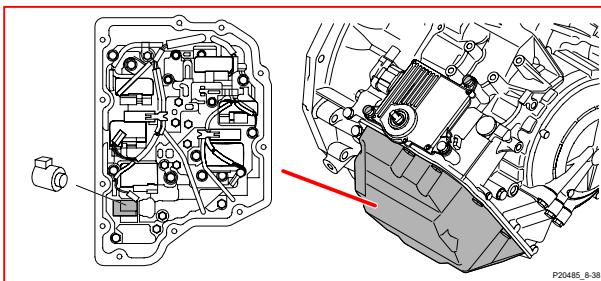
Component illustrations

8/38 - 8/51 V70

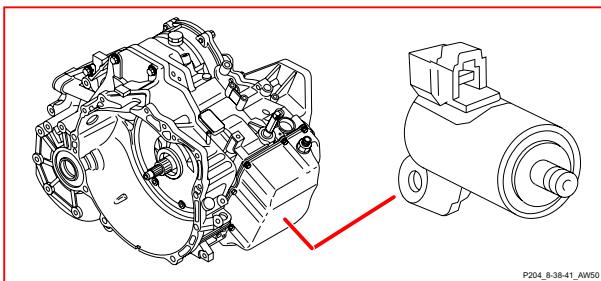
8/38 Shift solenoid 1 AW51



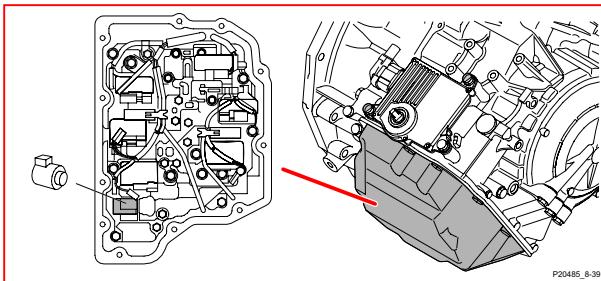
8/38 Shift solenoid 1 TF-80SC



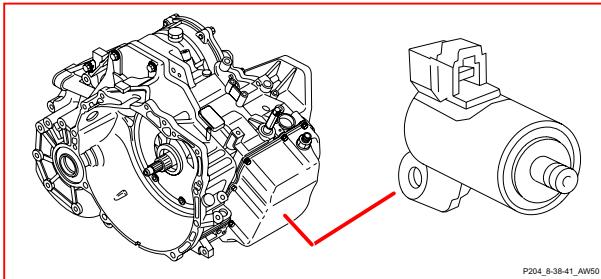
8/39 Shift solenoid 2 AW51



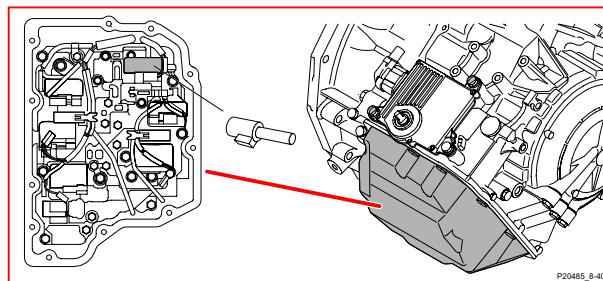
8/39 Shift solenoid 2 TF-80SC



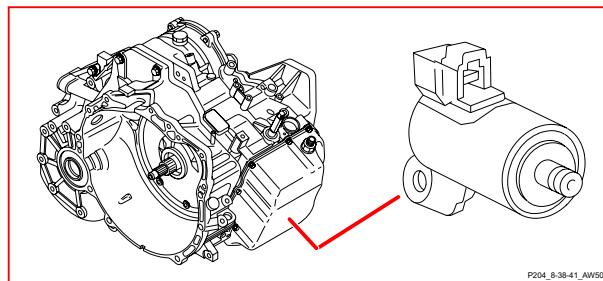
8/40 Lock-up solenoid AW51



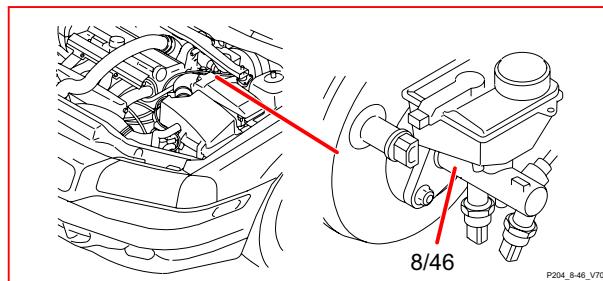
8/40 Lock-up solenoid TF-80SC



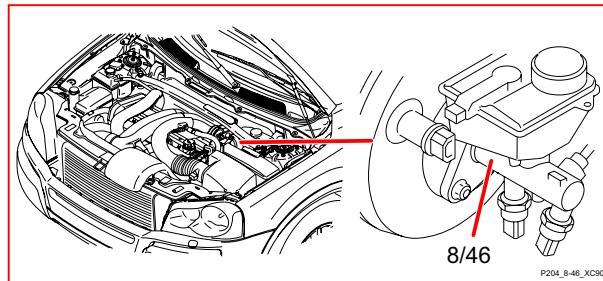
8/41 Pressure solenoid AW51



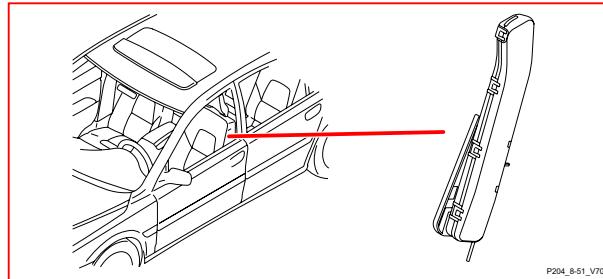
8/46 Activation unit DSTC V70



8/46 Activation unit DSTC XC90



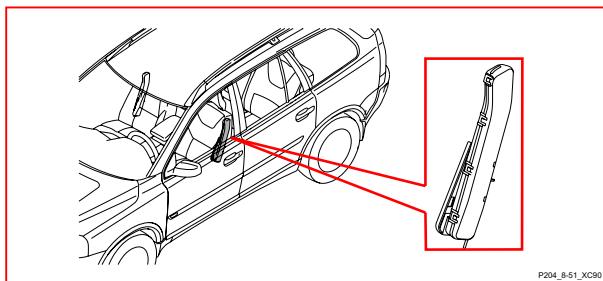
8/51 Front left side airbag igniter V70



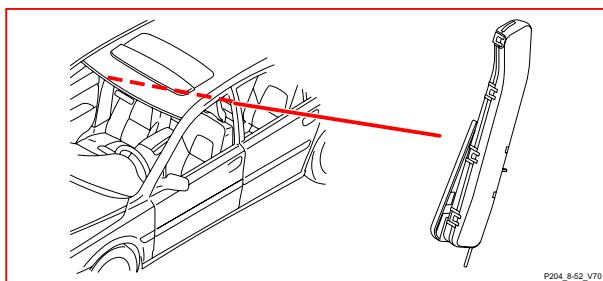
Component illustrations

8/51 XC90 - 8/64 XC90

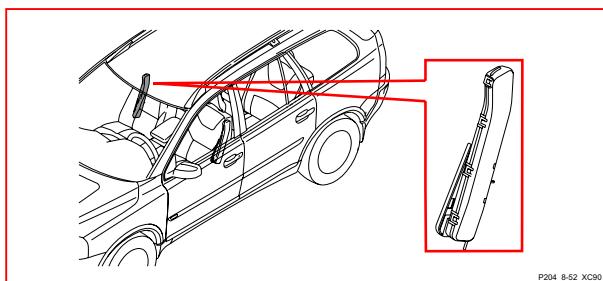
8/51 Front left side airbag igniter XC90



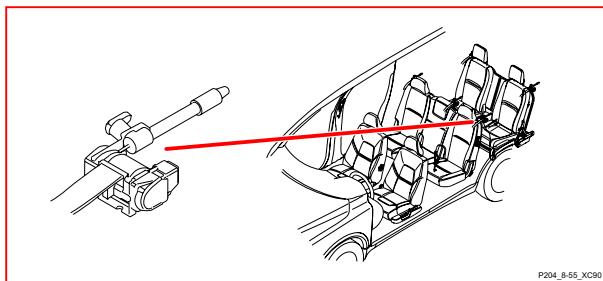
8/52 Front right side airbag igniter V70



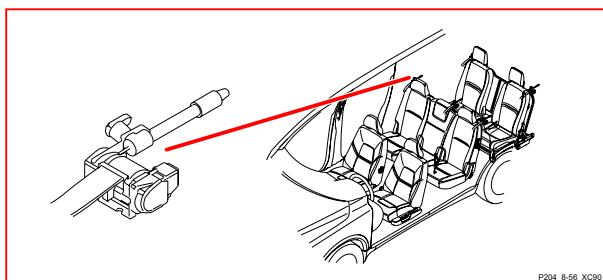
8/52 Front right side airbag igniter XC90



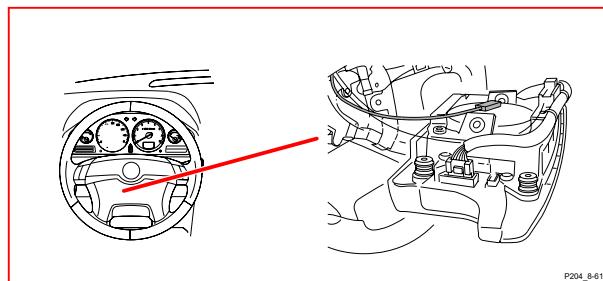
8/55 Igniter, left rear belt tensioner



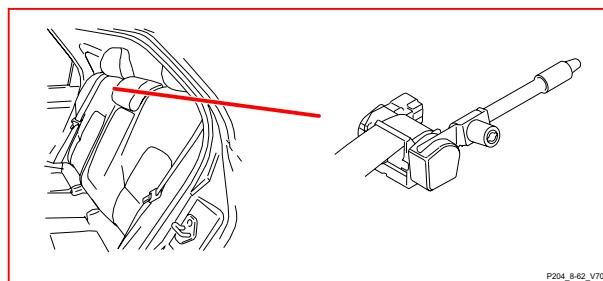
8/56 Igniter, right rear belt tensioner



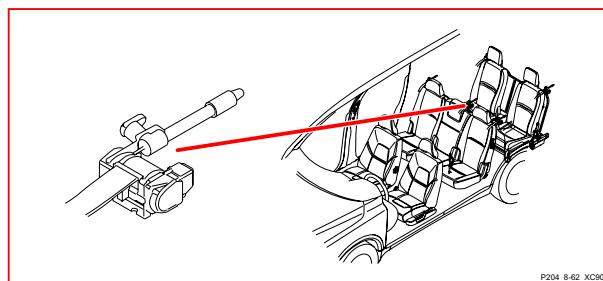
8/61 Igniter, airbag stage 2, driver's side



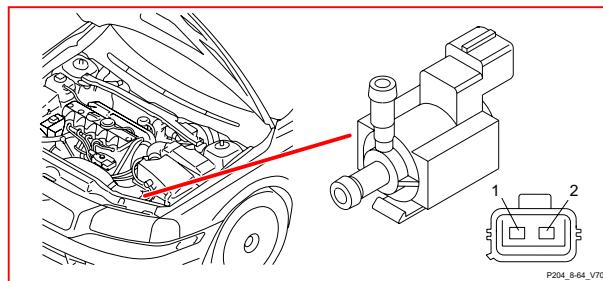
8/62 Belt tensioner igniter, center rear seat V70



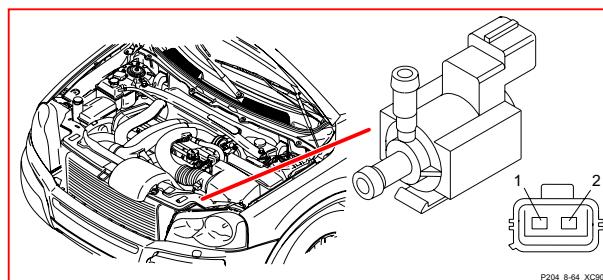
8/62 Belt tensioner igniter, center rear seat XC90



8/64 Solenoid valve, engine pad, Diesel V70



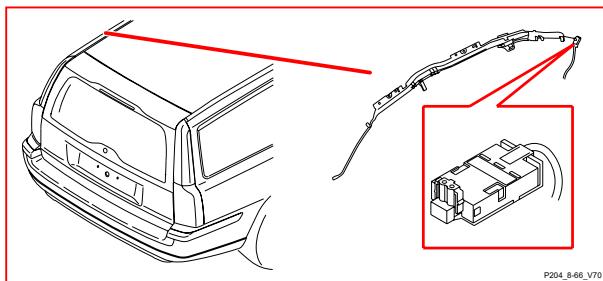
8/64 Solenoid valve, engine pad, Diesel XC90



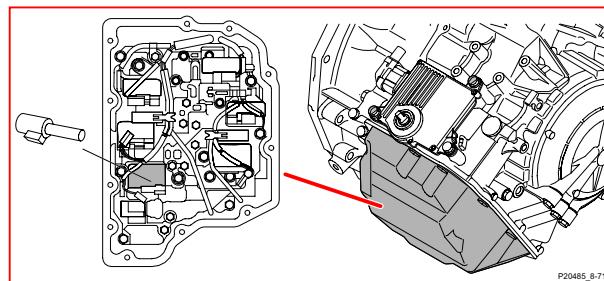
Component illustrations

8/66 V70 - 8/75

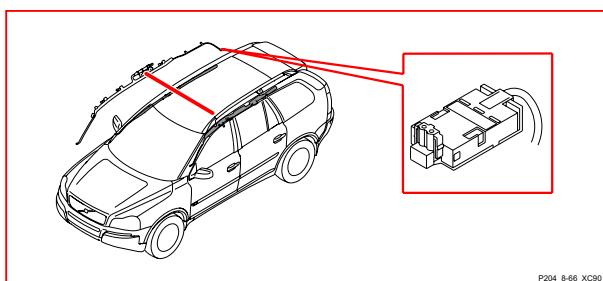
8/66 Left inflatable curtain igniter V70



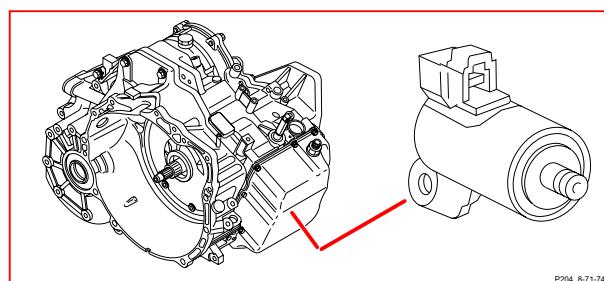
8/71 Throttle solenoid TF-80SC



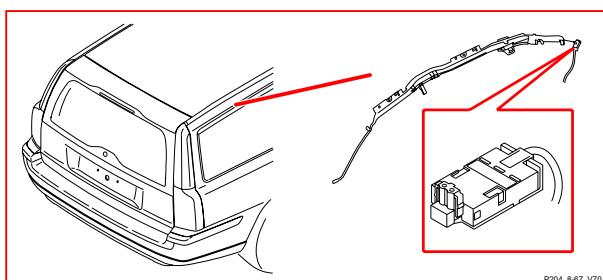
8/66 Left inflatable curtain igniter XC90



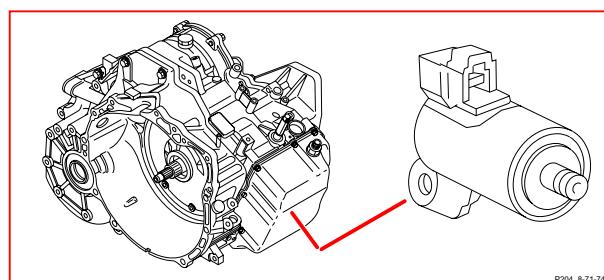
8/72 Shift solenoid 3 AW51



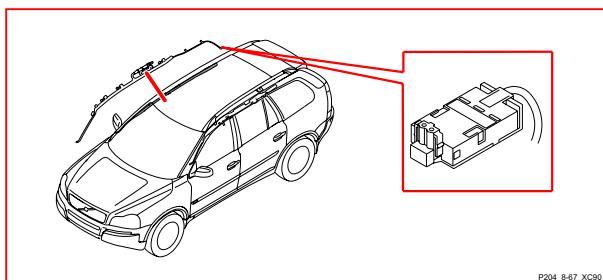
8/67 Right inflatable curtain igniter V70



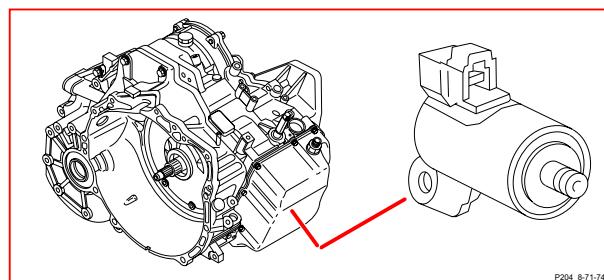
8/73 Shift solenoid 4 AW51



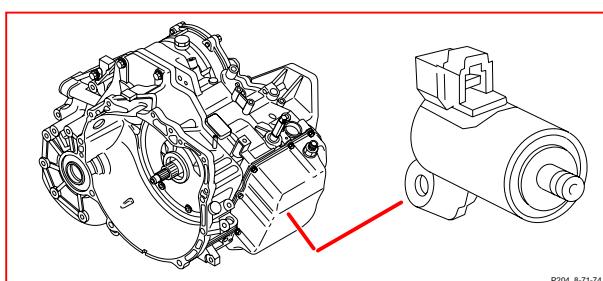
8/67 Right inflatable curtain igniter XC90



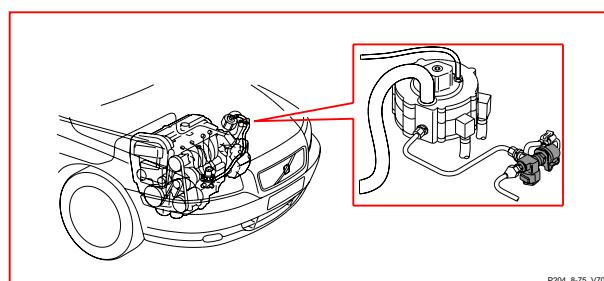
8/74 Shift solenoid 5 AW51



8/71 Throttle solenoid AW51



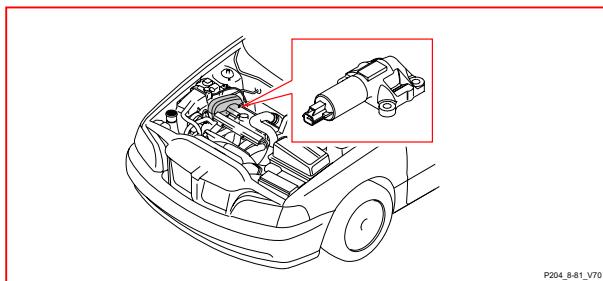
8/75 Valve, fuel cut-off DFCO



Component illustrations

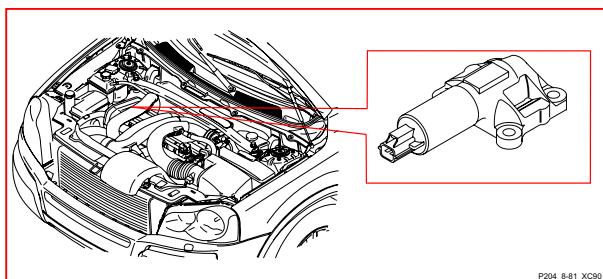
8/81 V70 - 8/94

8/81 Solenoid, variable valve timing outlet
V70



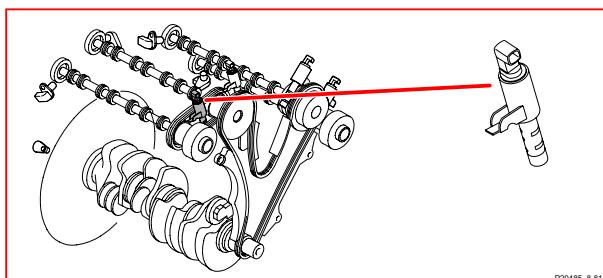
P204_8-81_V70

8/81 Solenoid, variable valve timing outlet
XC90



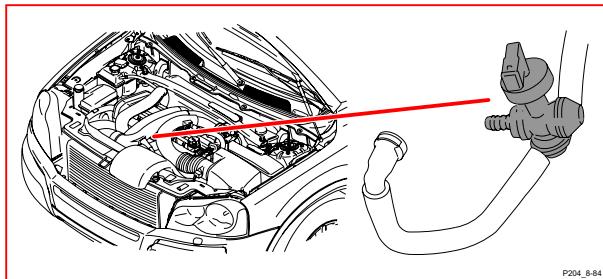
P204_8-81_XC90

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



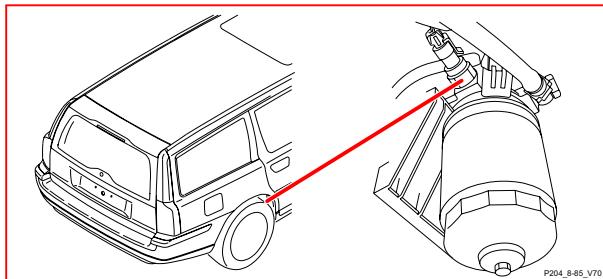
P20485_8-81

8/84 Switch, vacuum pump



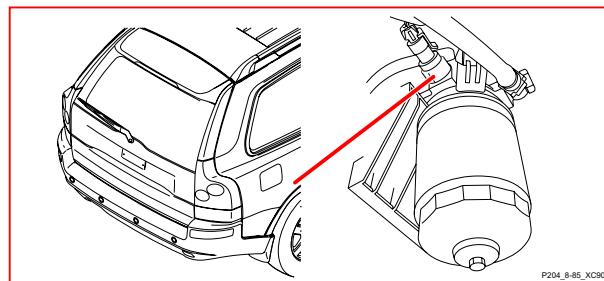
P204_8-84

8/85 Thermostatic switch and fuel filter
heating V70



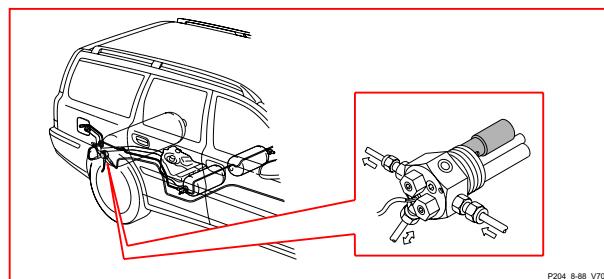
P204_8-85_V70

8/85 Thermostatic switch and fuel filter
heating XC90



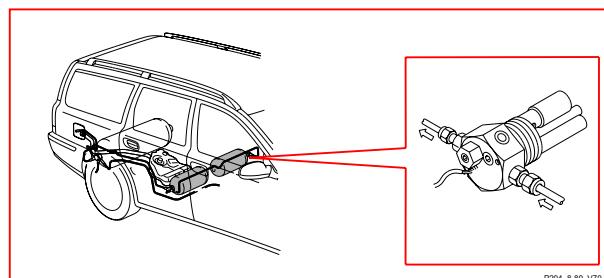
P204_8-85_XC90

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



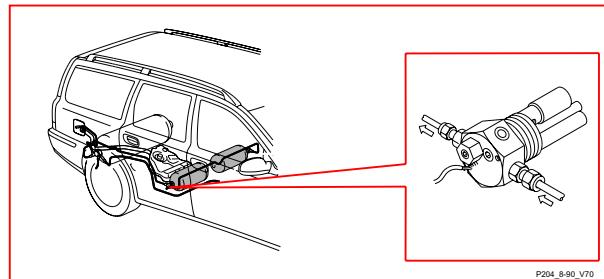
P204_8-88_V70

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



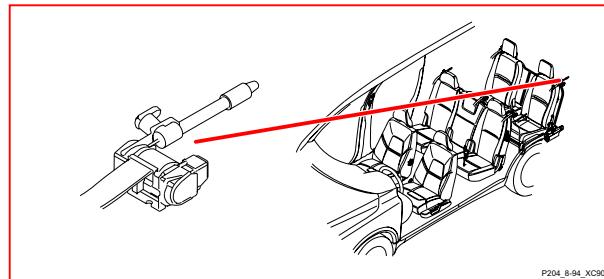
P204_8-89_V70

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



P204_8-90_V70

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

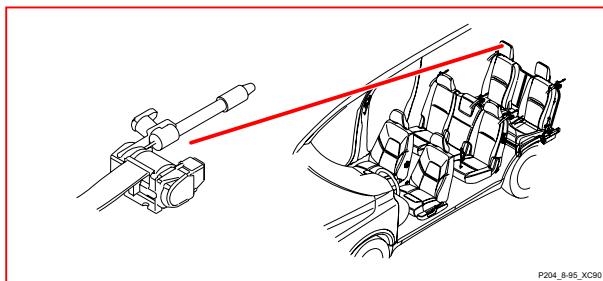


P204_8-94_XC90

Component illustrations

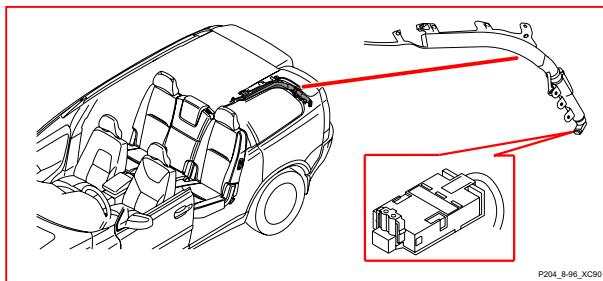
8/95 - 8/118

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



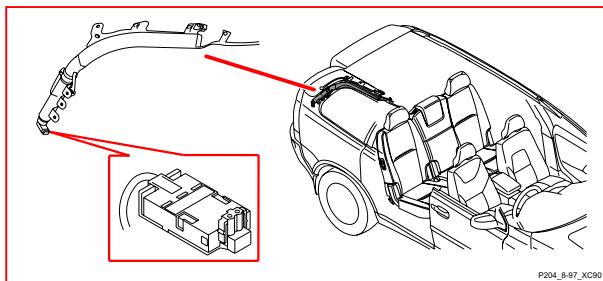
P204_8-95_XC90

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



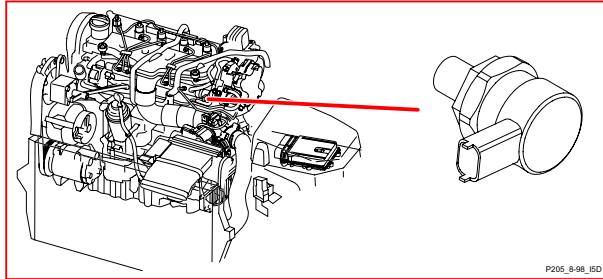
P204_8-96_XC90

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



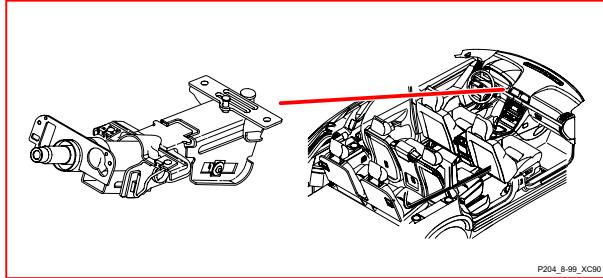
P204_8-97_XC90

8/98 Fuel pressure control valve, Diesel



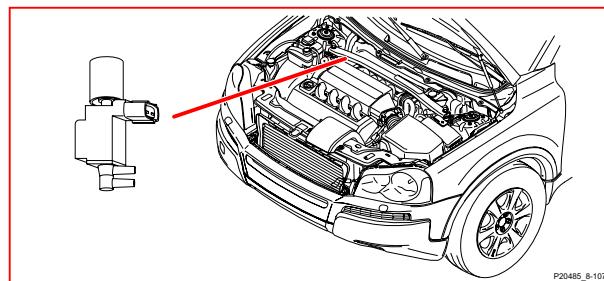
P205_8-98_ISD

8/99 Igniter, steering column



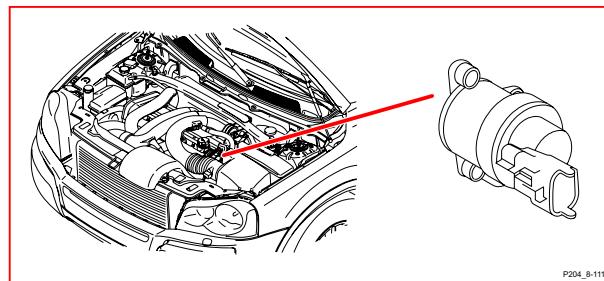
P204_8-99_XC90

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



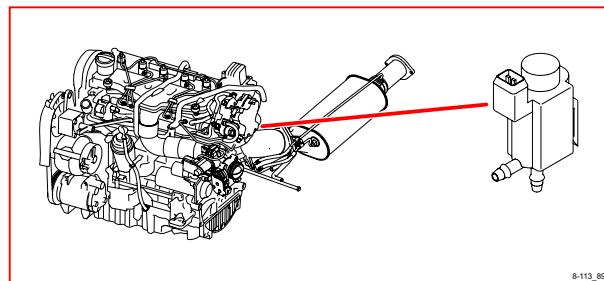
P20485_8-107

8/111 High-pressure solenoid valve, Diesel



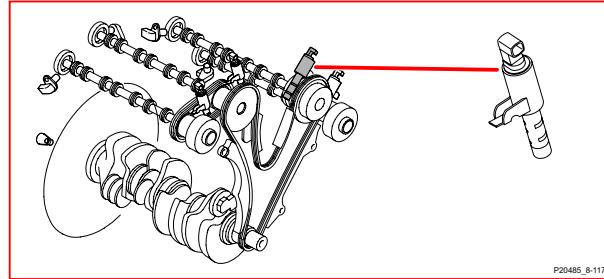
P204_8-111

8/113 Bypass valve, fuel pressure



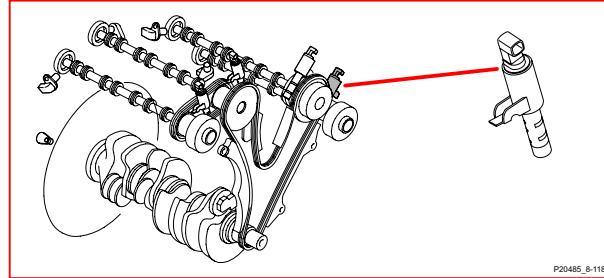
B-113_B9

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



P20485_8-117

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

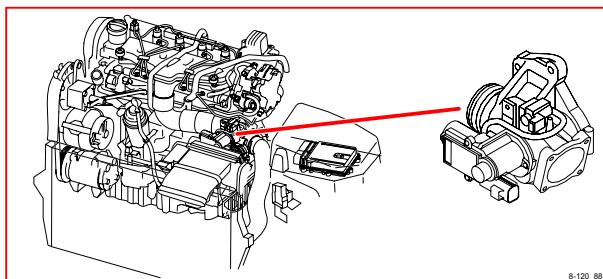


P20485_8-118

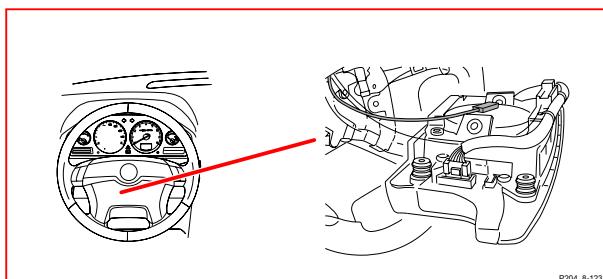
Component illustrations

8/120 - 8/145

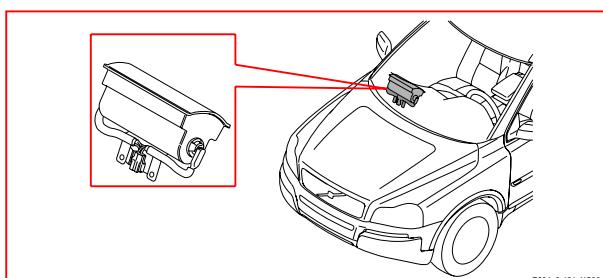
8/120 EGR valve



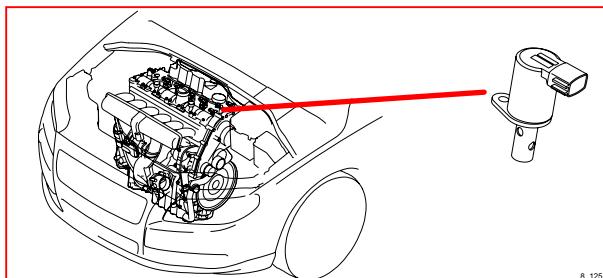
8/123 Igniter airbag driver side stage 3 XC90



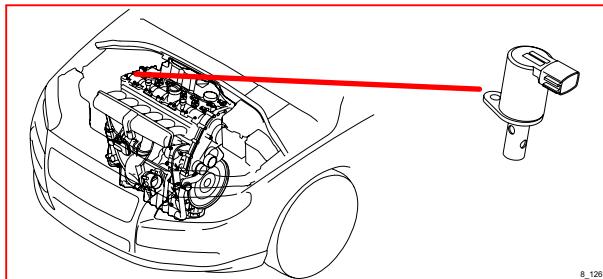
8/124 Igniter passenger side airbag stage 3 XC90



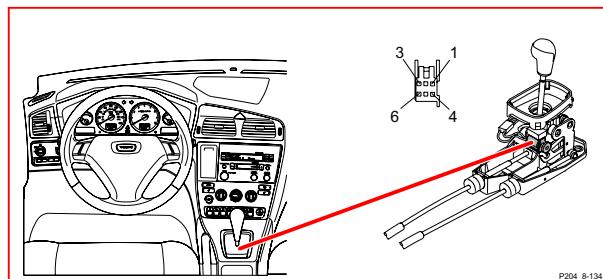
8/125 Variable valve lifter, front plane, 6-cyl.



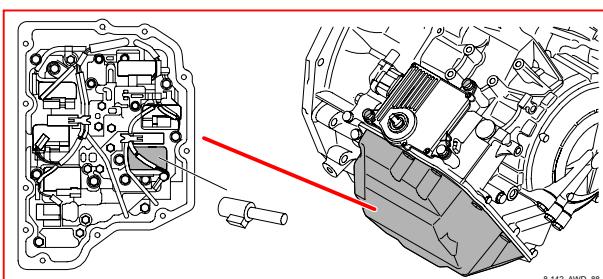
8/126 Variable valve lifter, rear plane, 6-cyl.



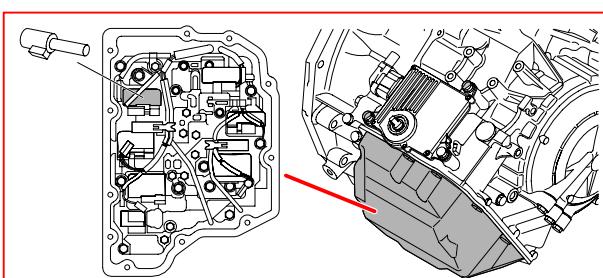
8/134 Solenoid, reverse interlock, manual



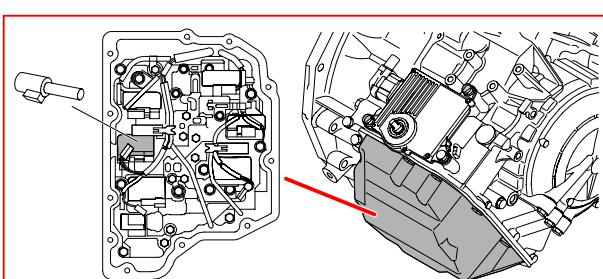
8/142 Linear pressure solenoid SLB1
TF-80SC AWD



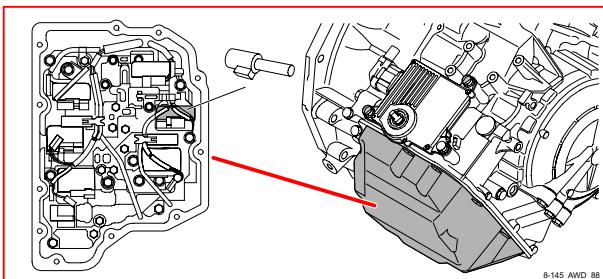
8/143 Linear pressure solenoid SLC1
TF-80SC AWD



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



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

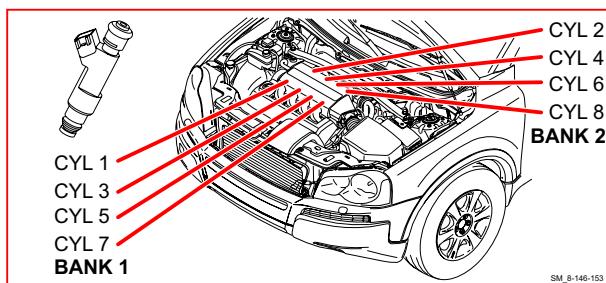


Component illustrations

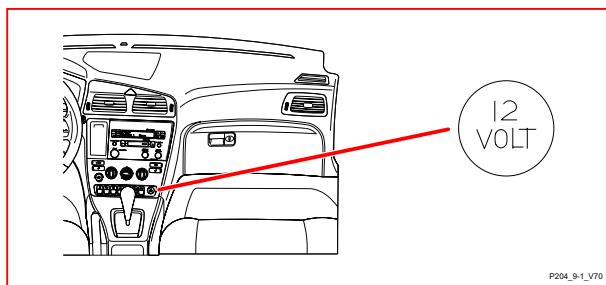
8/146 - 9/18

8/146-

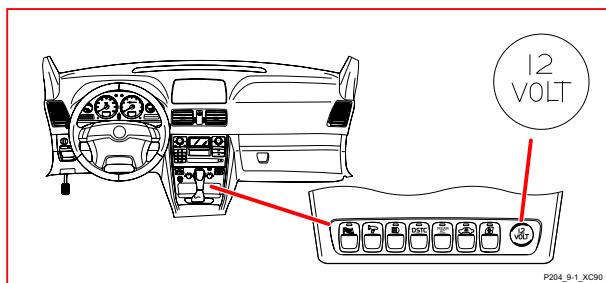
8/153 Injection valves, 8-cyl.



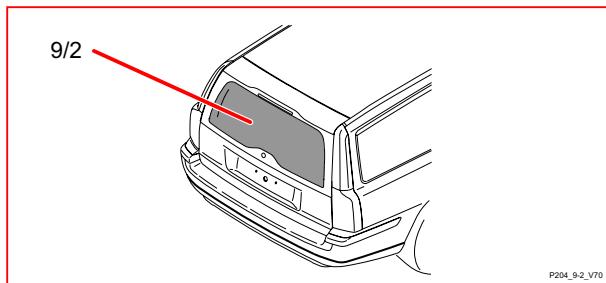
9/1 Outlet 12V front V70



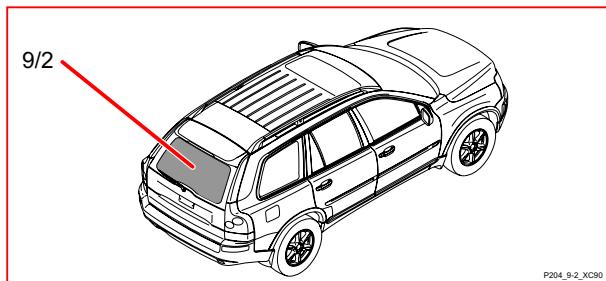
9/1 Outlet 12V front XC90



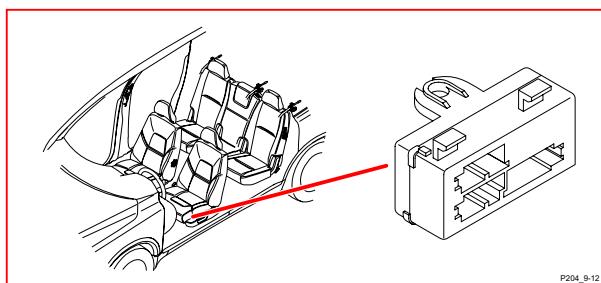
9/2 Heated rear window V70



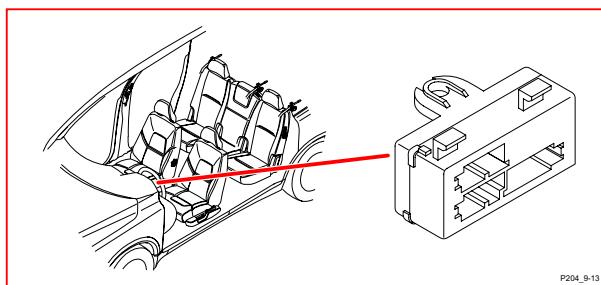
9/2 Heated rear window XC90



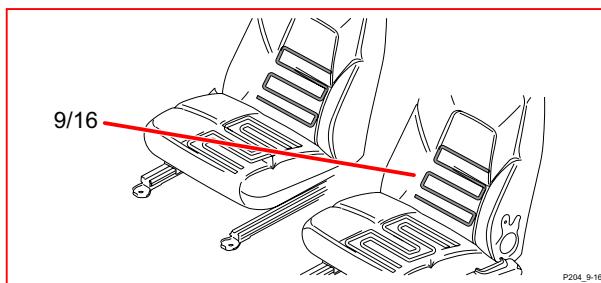
9/12 Seat Heating Module (SHM), left-hand



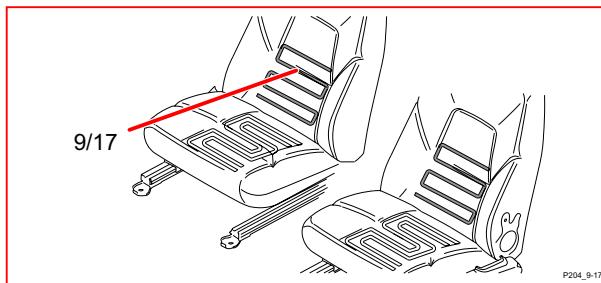
9/13 Seat Heating Module (SHM), right-hand



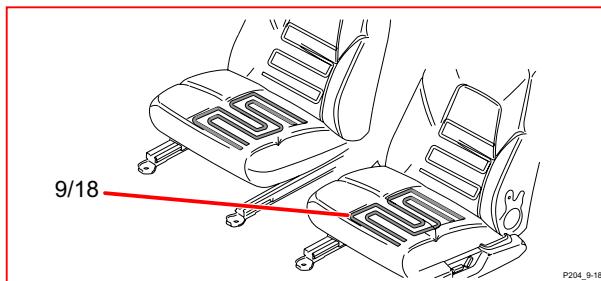
9/16 Left-hand backrest heating element



9/17 Right-hand backrest heating element



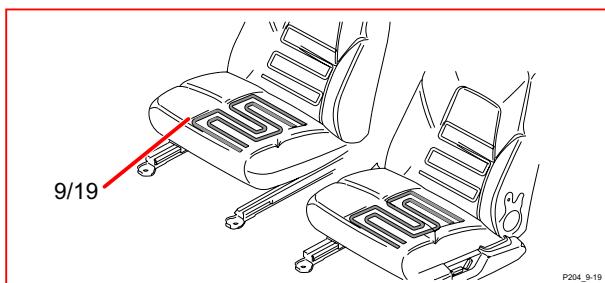
9/18 Left-hand seat heating element



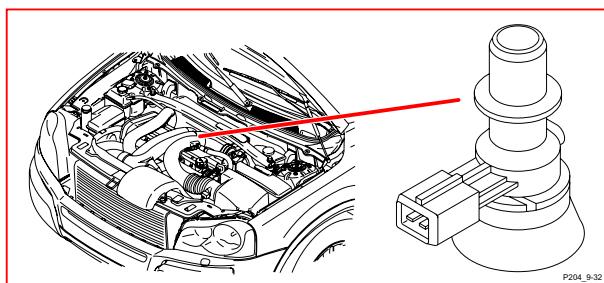
Component illustrations

9/19 - 10/1 XC90

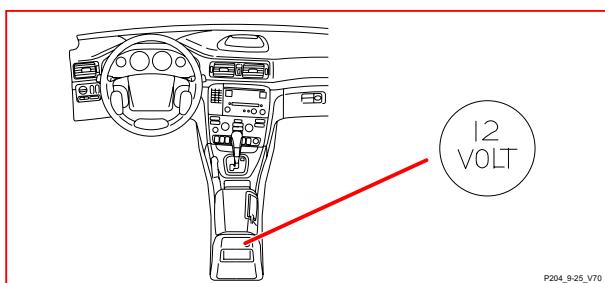
9/19 Right-hand seat heating element



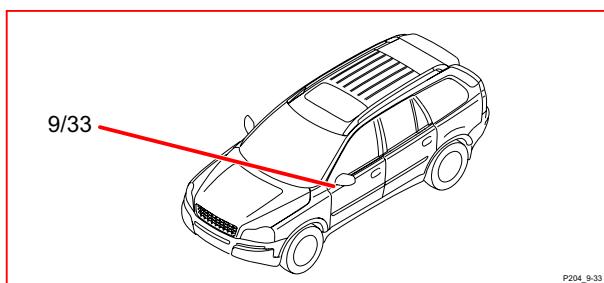
9/32 PTC resistor, air preheating



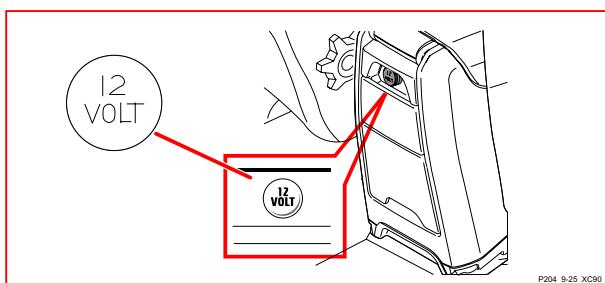
9/25 Outlet 12V rear V70



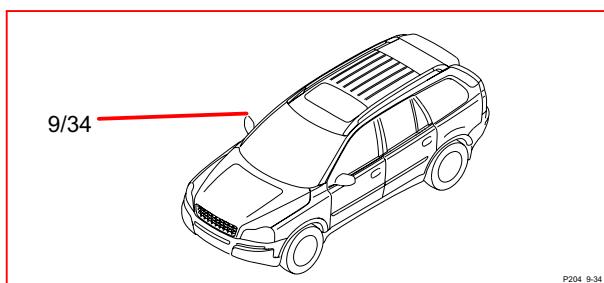
9/33 Left heated exterior rearview mirror



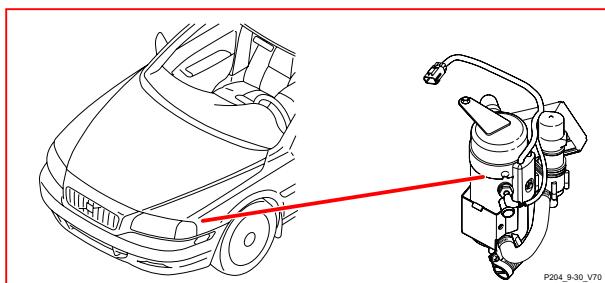
9/25 Outlet 12V rear XC90



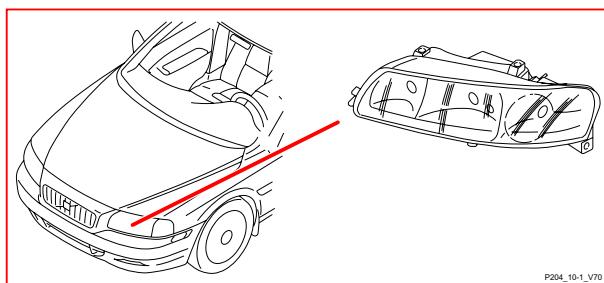
9/34 Right heated exterior rearview mirror



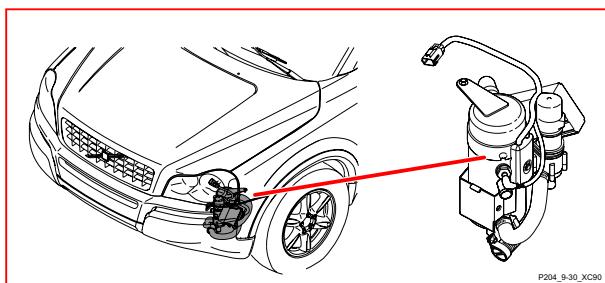
9/30 Auxiliary heater V70



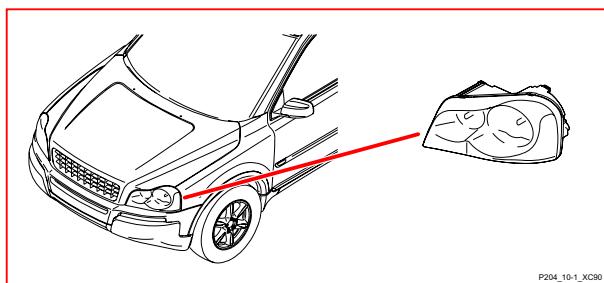
10/1 Left front lamp housing V70



9/30 Auxiliary heater XC90



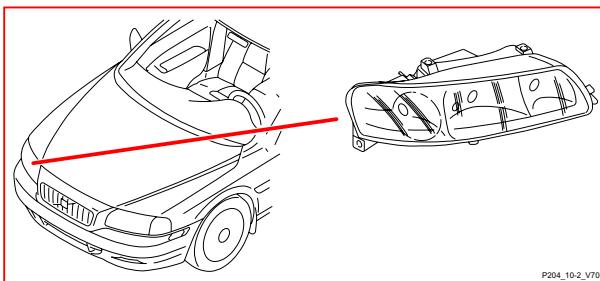
10/1 Left front lamp housing XC90



Component illustrations

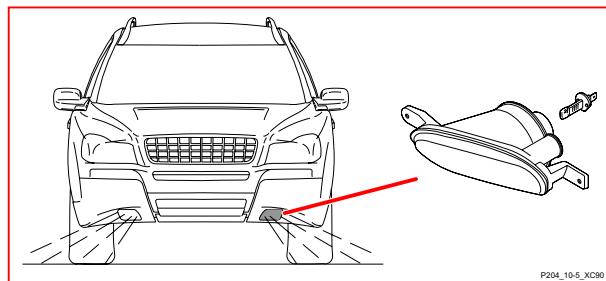
10/2 V70 - 10/11 XC90

10/2 Front right lamp housing V70



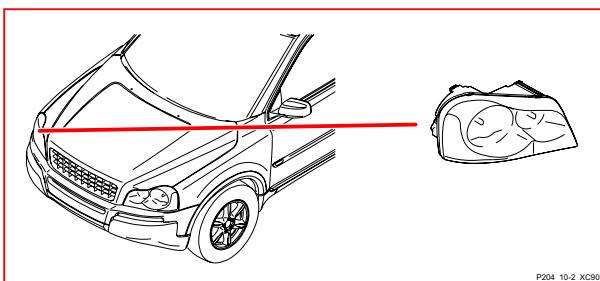
P204_10-2_V70

10/5 Fog light, front left XC90



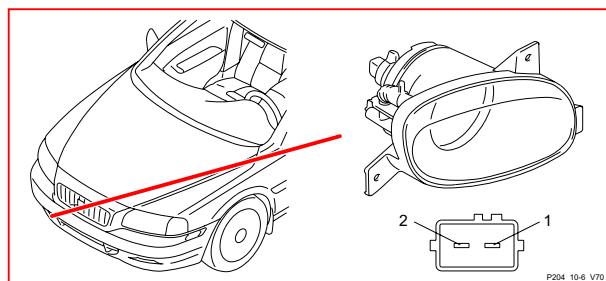
P204_10-5_XC90

10/2 Right front lamp housing XC90



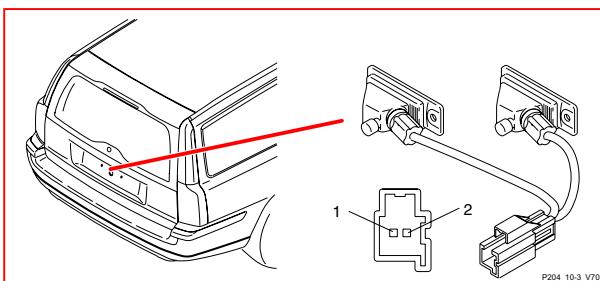
P204_10-2_XC90

10/6 Fog light, front right V70



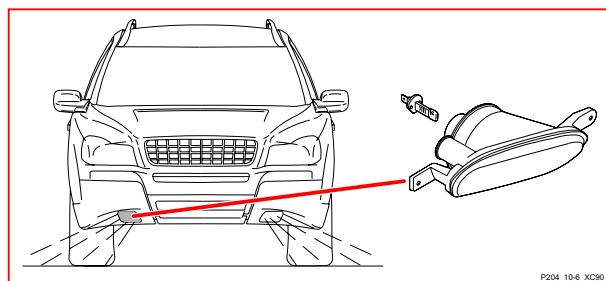
P204_10-6_V70

10/3 License plate lighting V70



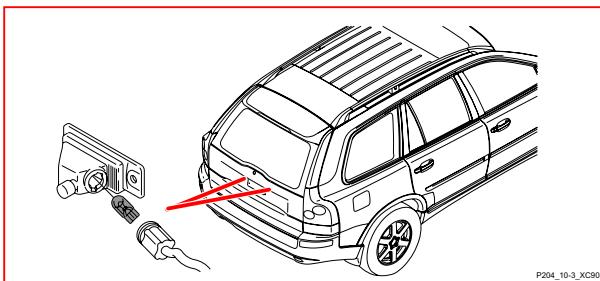
P204_10-3_V70

10/6 Fog light, front right XC90



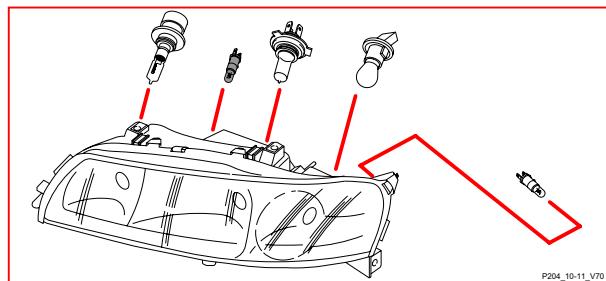
P204_10-6_XC90

10/3 License plate lighting XC90



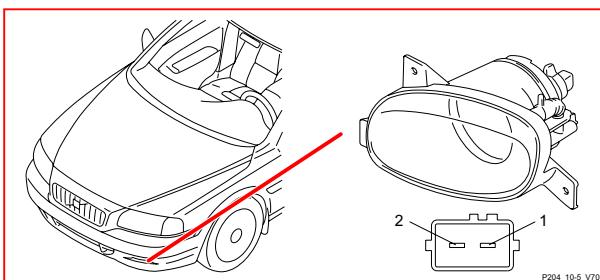
P204_10-3_XC90

10/11 Running/parking light, front left V70



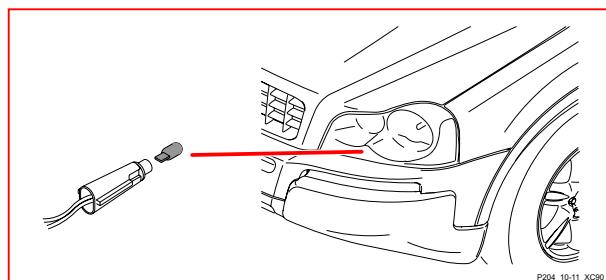
P204_10-11_V70

10/5 Fog light, front left V70



P204_10-5_V70

10/11 Running/parking light, front left XC90

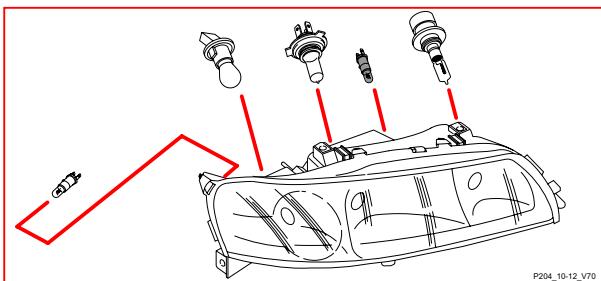


P204_10-11_XC90

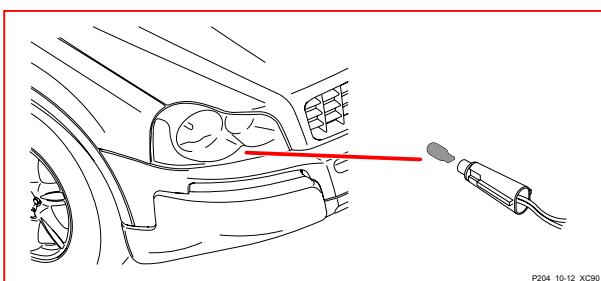
Component illustrations

10/12 V70 - 10/17 XC90

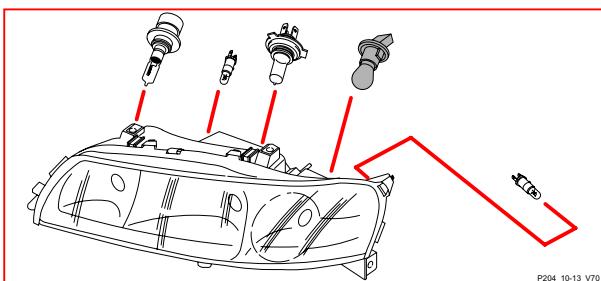
10/12 Running/parking light, front right V70



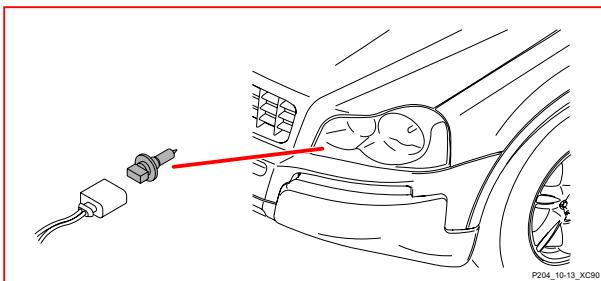
10/12 Running/parking light, front right XC90



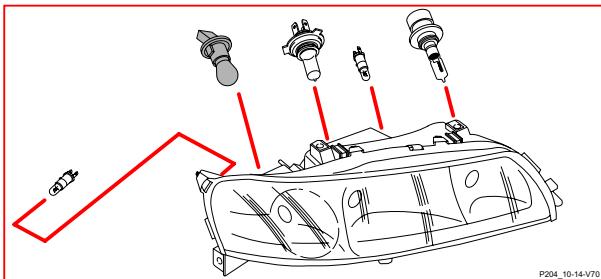
10/13 Direction indicator, front left V70



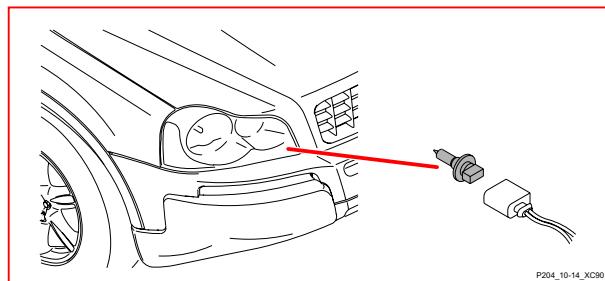
10/13 Direction indicator, front left XC90



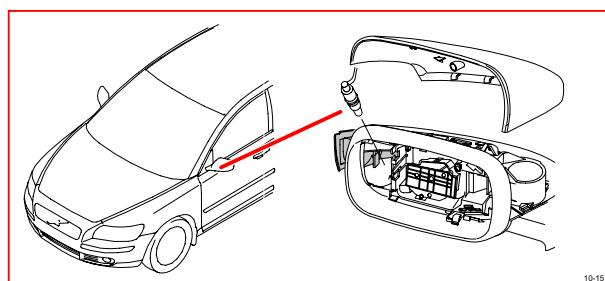
10/14 Direction indicator, front right V70



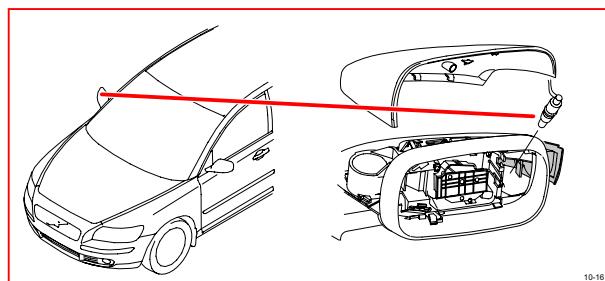
10/14 Direction indicator, front right XC90



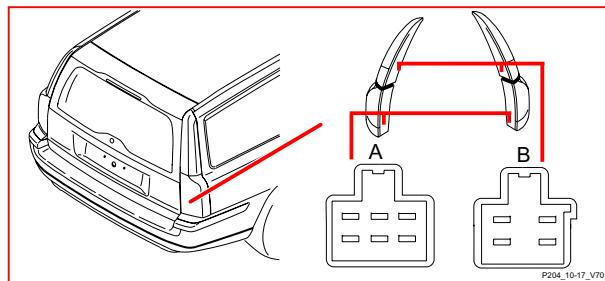
10/15 Direction indicator, left door mirror



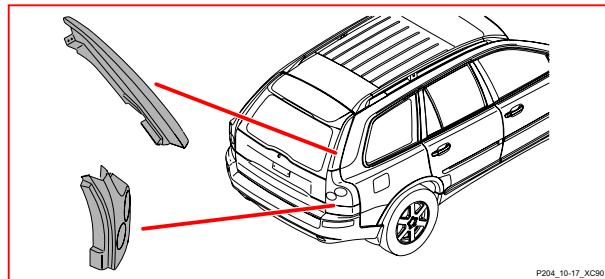
10/16 Direction indicator, right door mirror



10/17 Lamp housing, rear right V70



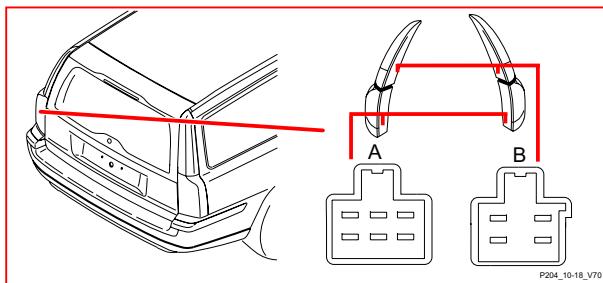
10/17 Lamp housing, rear right XC90



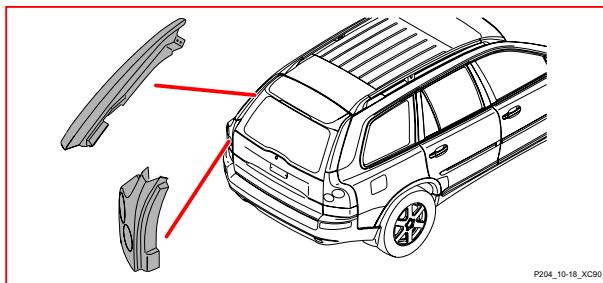
Component illustrations

10/18 V70 - 10/44 V70

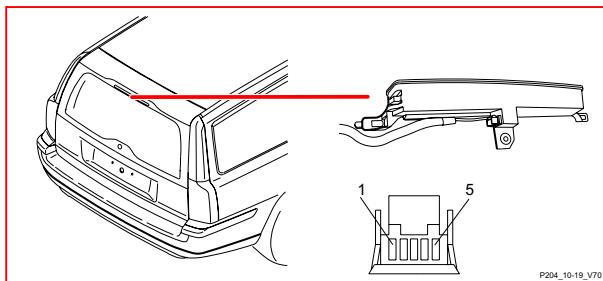
10/18 Lamp housing, rear left V70



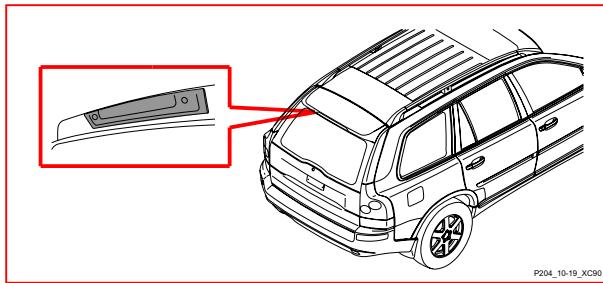
10/18 Lamp housing, rear left XC90



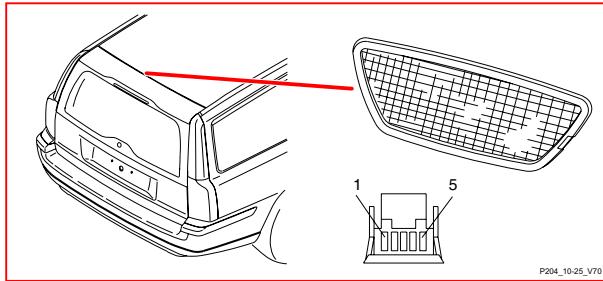
10/19 Auxiliary brake light V70



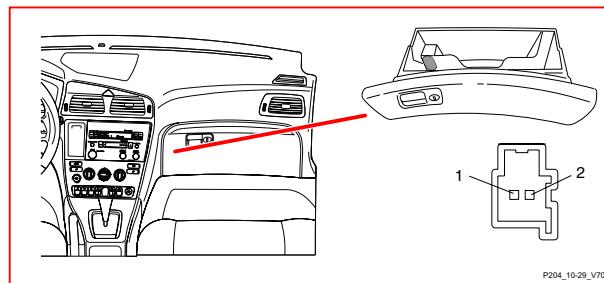
10/19 Auxiliary brake light XC90



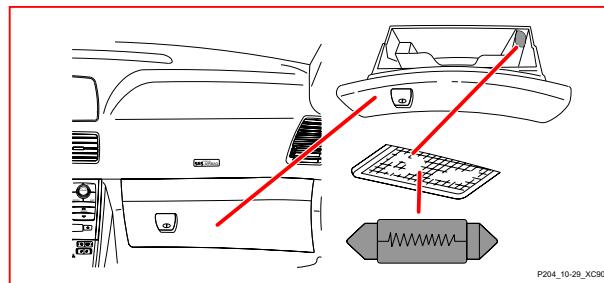
10/25 Ceiling light, cargo compartment



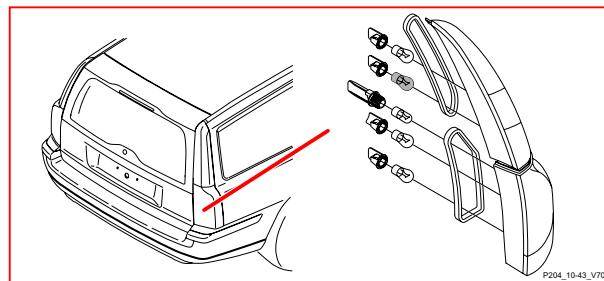
10/29 Glove compartment lighting V70



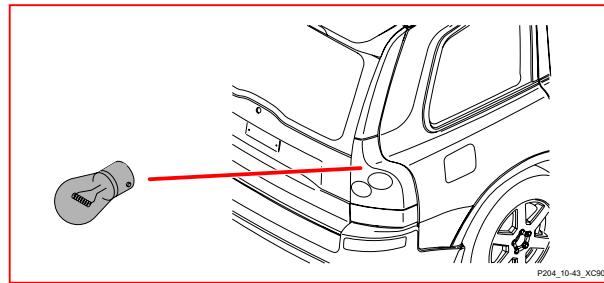
10/29 Glove compartment lighting XC90



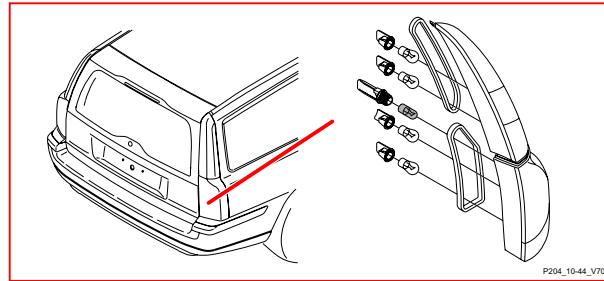
10/43 Right brake light V70



10/43 Right brake light XC90



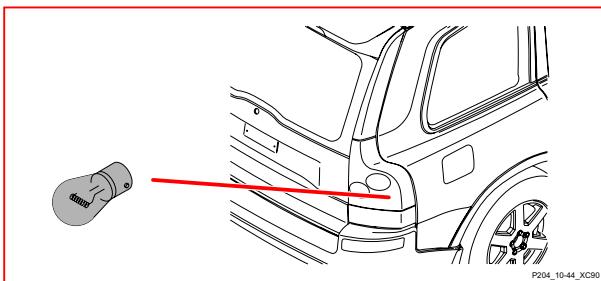
10/44 Tail light 1, right V70



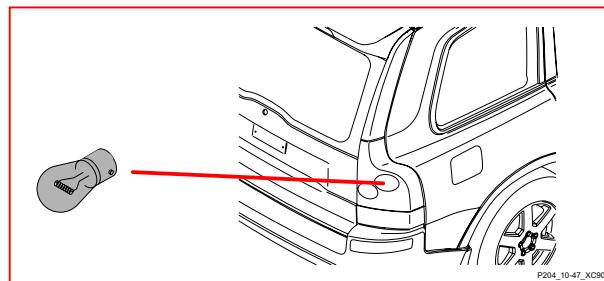
Component illustrations

10/44 XC90 - 10/50 XC90

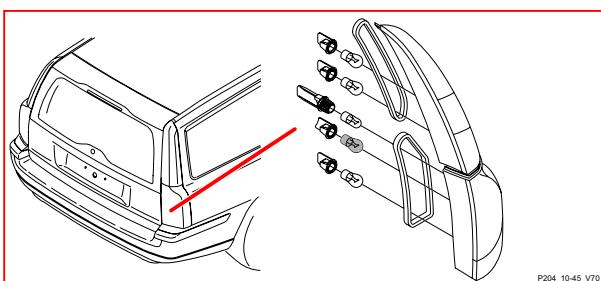
10/44 Tail light 1, right XC90



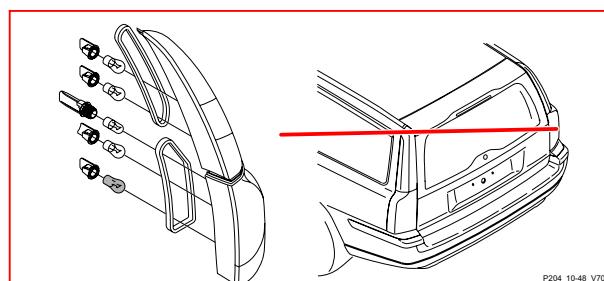
10/47 Direction indicator, rear right XC90



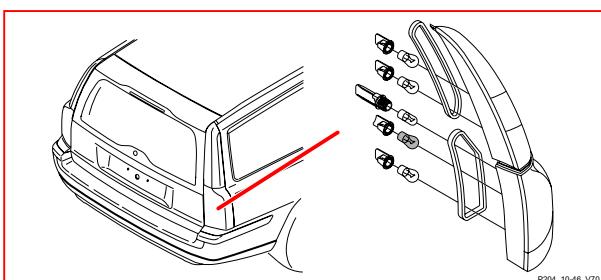
10/45 Tail light 2, right V70



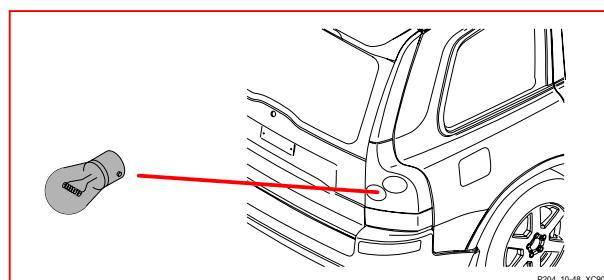
10/48 Right reversing light V70



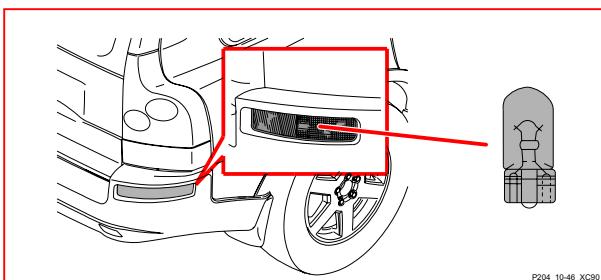
10/46 Fog light, rear right V70



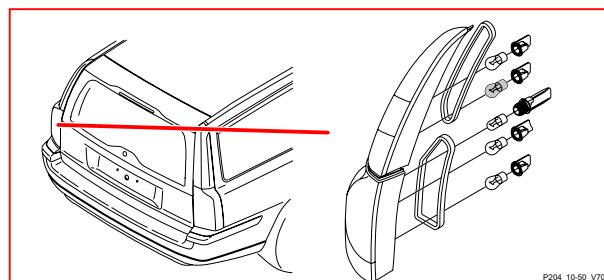
10/48 Right reversing light XC90



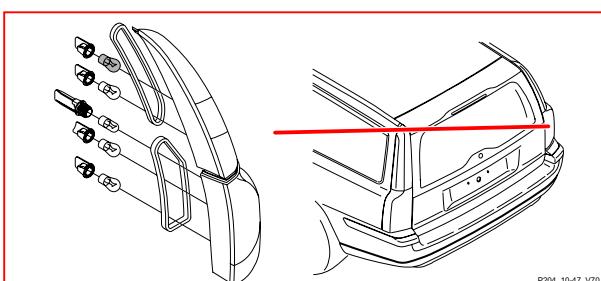
10/46 Fog light, rear right XC90



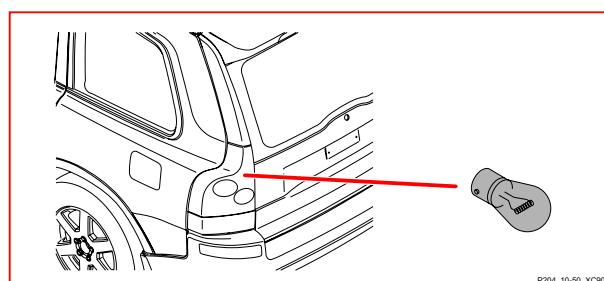
10/50 Left brake light V70



10/47 Direction indicator, rear right V70



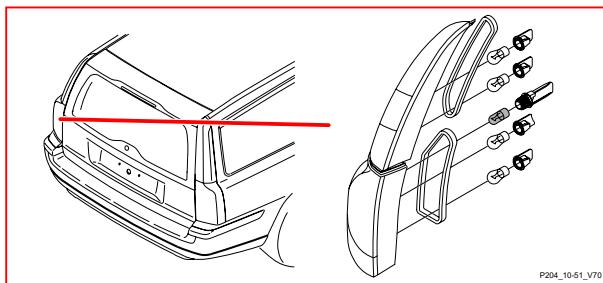
10/50 Left brake light XC90



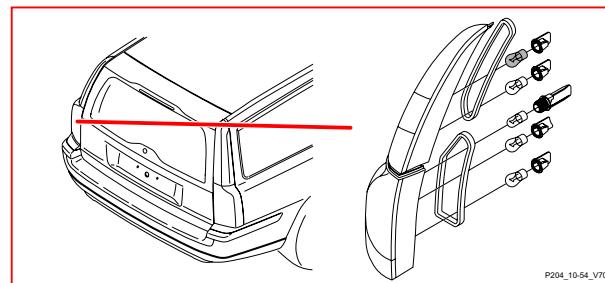
Component illustrations

10/51 V70 - 10/64 V70

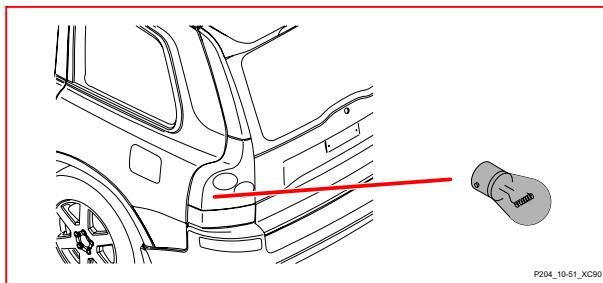
10/51 Tail light 1, left V70



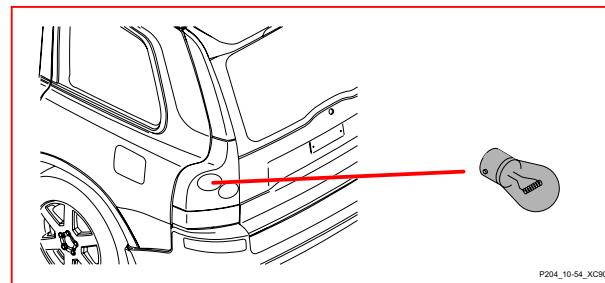
10/54 Direction indicator, rear left V70



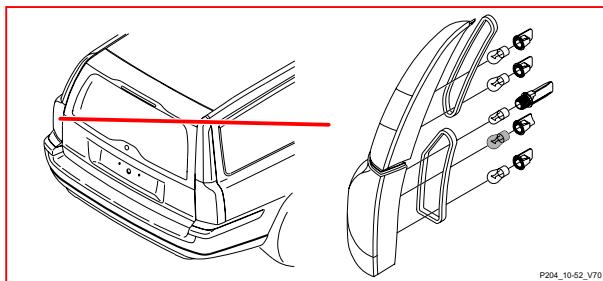
10/51 Tail light 1, left XC90



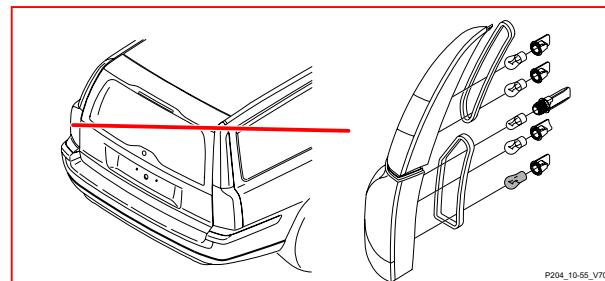
10/54 Direction indicator, rear left XC90



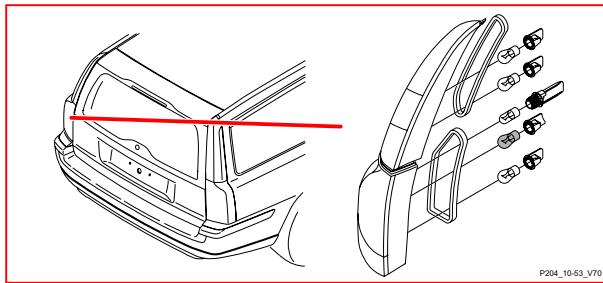
10/52 Tail light 2, left V70



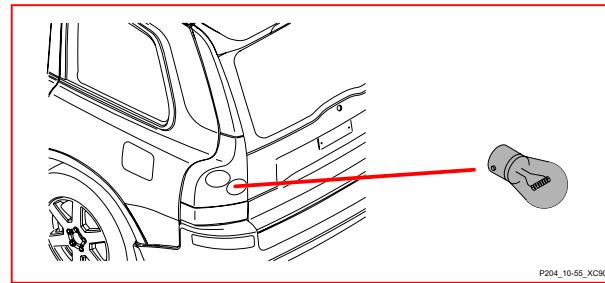
10/55 Left reversing light V70



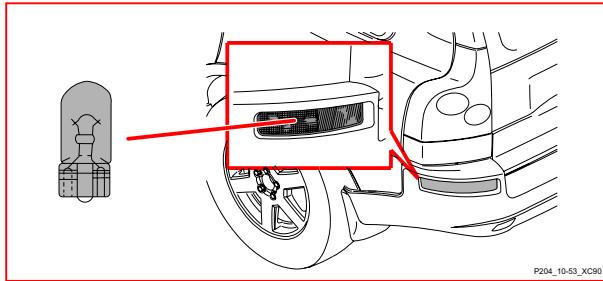
10/53 Fog light, rear left V70



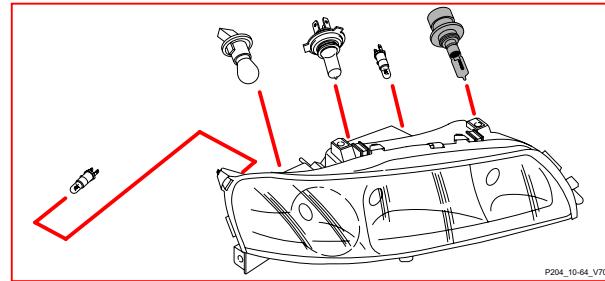
10/55 Left reversing light XC90



10/53 Fog light, rear left XC90



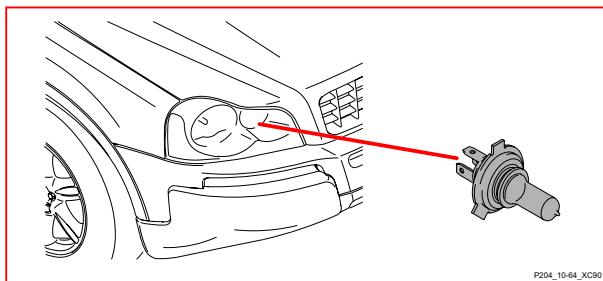
10/64 Right high beam V70



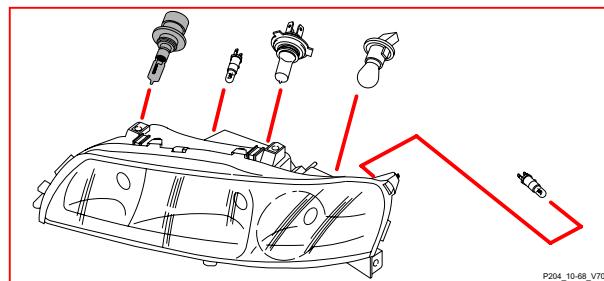
Component illustrations

10/64 XC90 - 10/70 V70

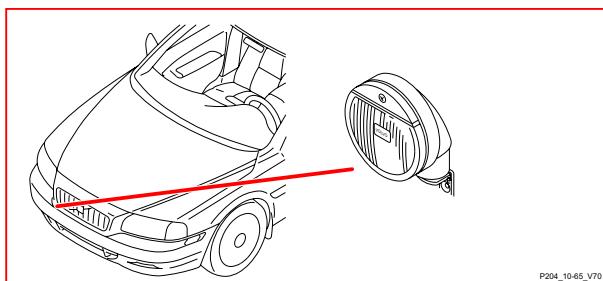
10/64 Right high beam XC90



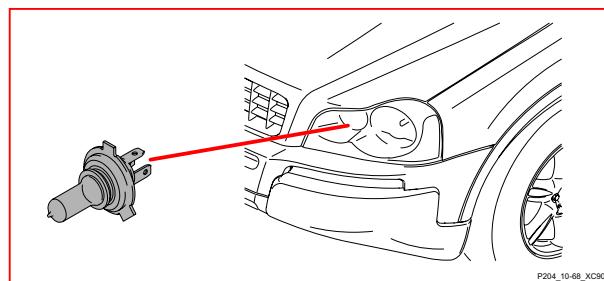
10/68 Left high beam V70



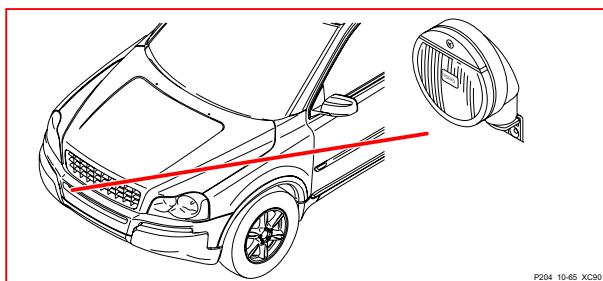
10/65 Auxiliary light, front right V70



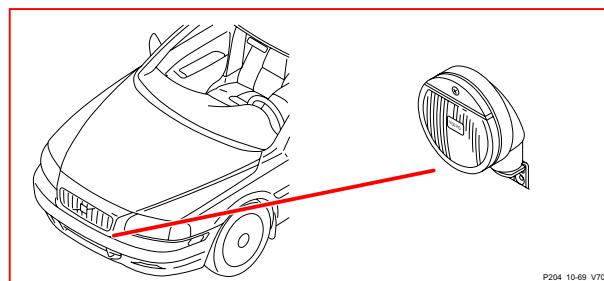
10/68 Left high beam XC90



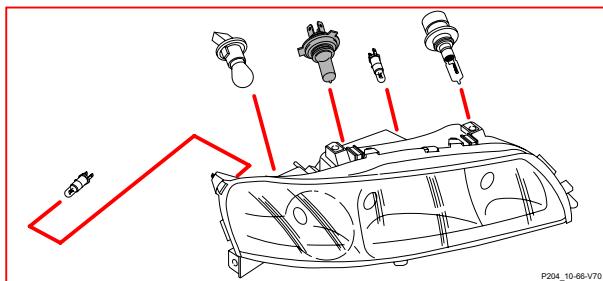
10/65 Auxiliary light, front right XC90



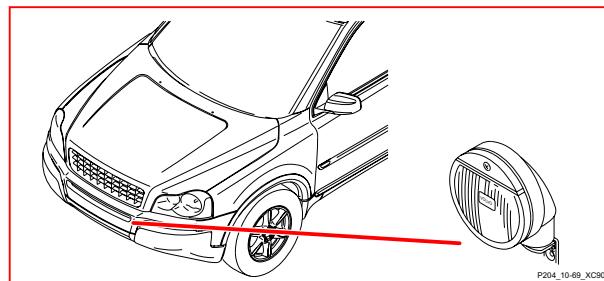
10/69 Auxiliary light, front left V70



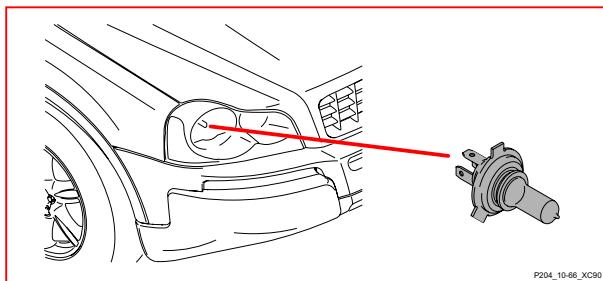
10/66 Right low beam V70



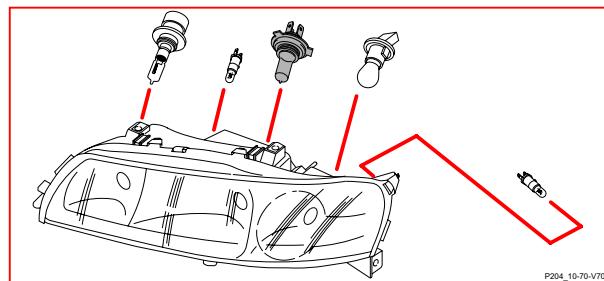
10/69 Auxiliary light, front left XC90



10/66 Right low beam XC90

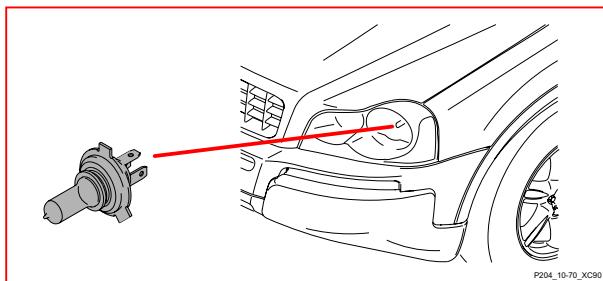


10/70 Left low beam V70

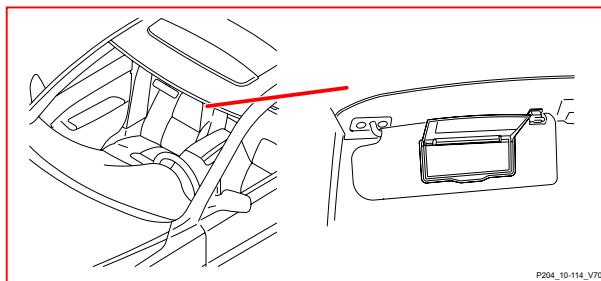


Component illustrations 10/70 XC90 -10/125 V70

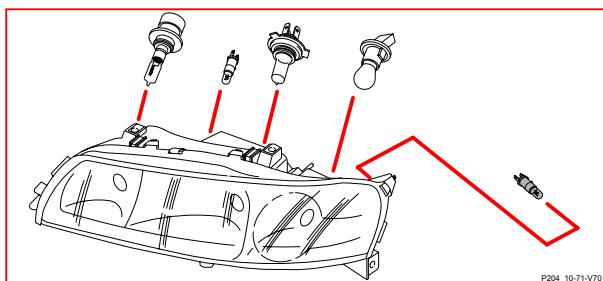
10/70 Left low beam XC90



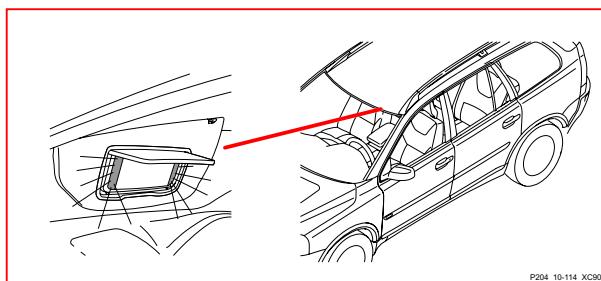
10/114 Vanity mirror lighting, left V70



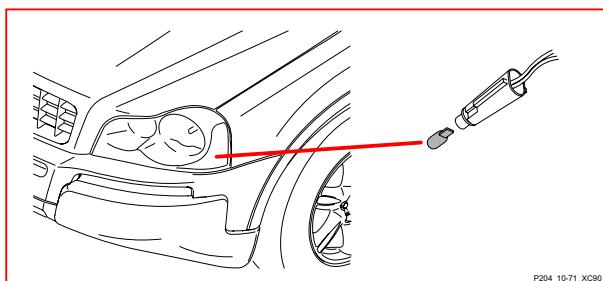
10/71 Side running light, front left V70



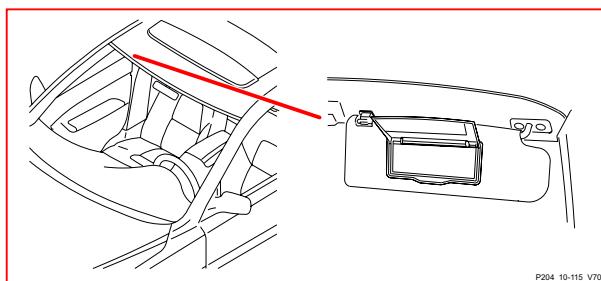
10/114 Vanity mirror lighting, left XC90



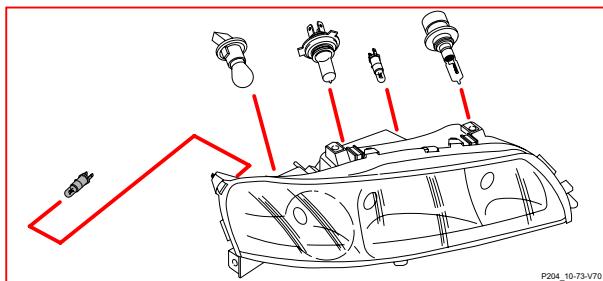
10/71 Side running light, front XC90



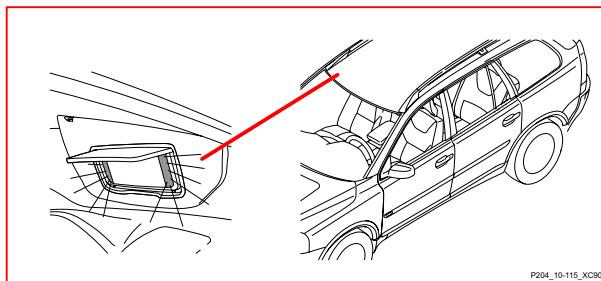
10/115 Vanity mirror lighting, right V70



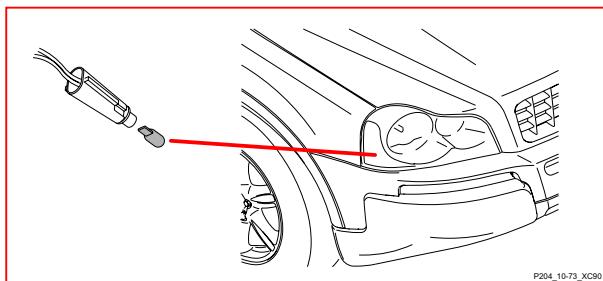
10/73 Side running light, front right V70



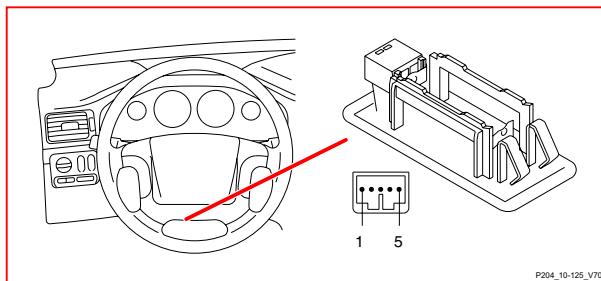
10/115 Vanity mirror lighting, right XC90



10/73 Side running light, front right XC90



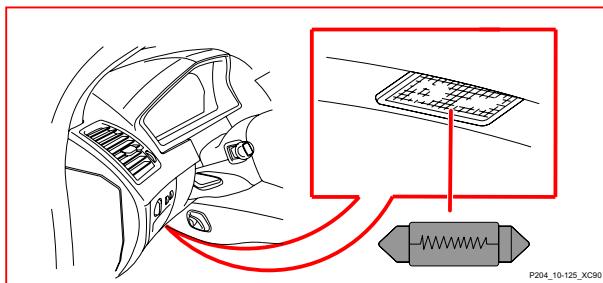
10/125 Courtesy lighting, front left V70



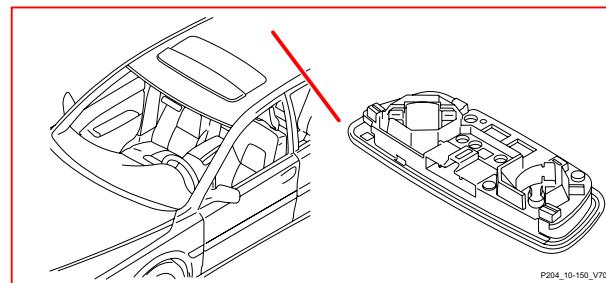
Component illustrations

10/125 XC90 - 10/218

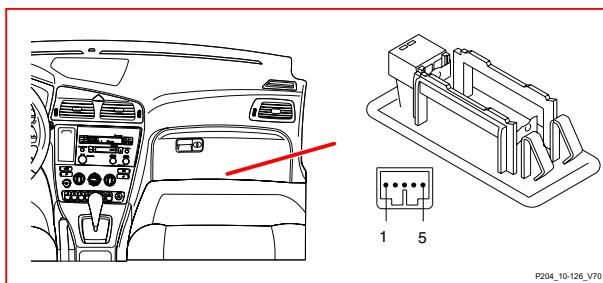
10/125 Courtesy lighting, front left XC90



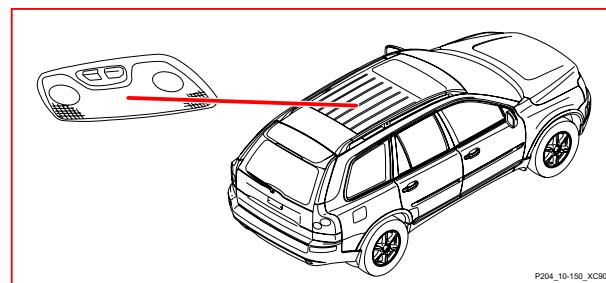
10/150 Rear reading light V70



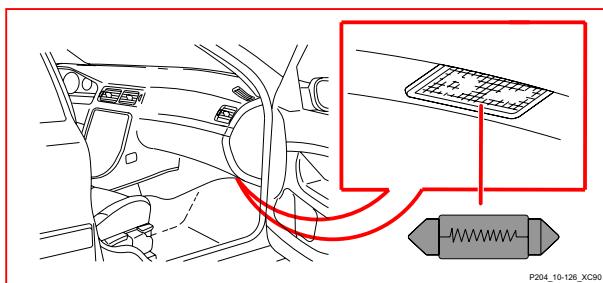
10/126 Courtesy lighting, front right V70



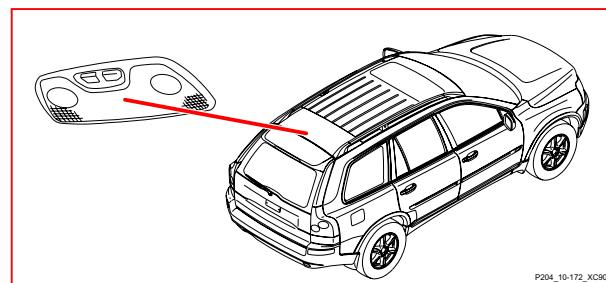
10/150 Rear reading light XC90



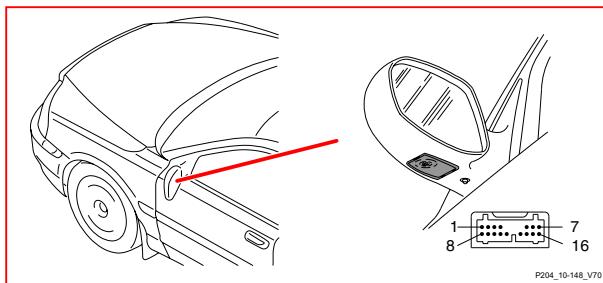
10/126 Courtesy lighting, front right XC90



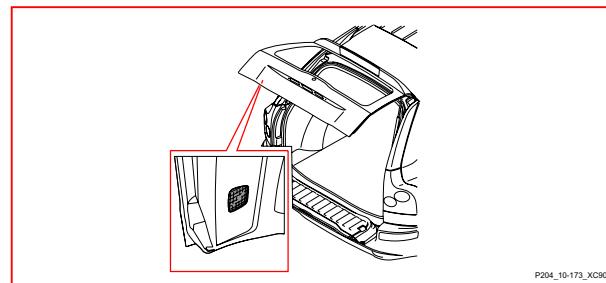
10/172 Reading light, third row of seats



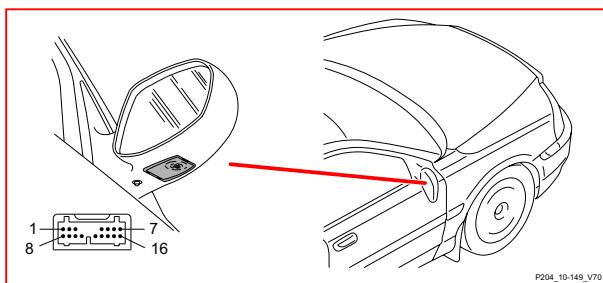
10/148 Left exterior rearview mirror lighting



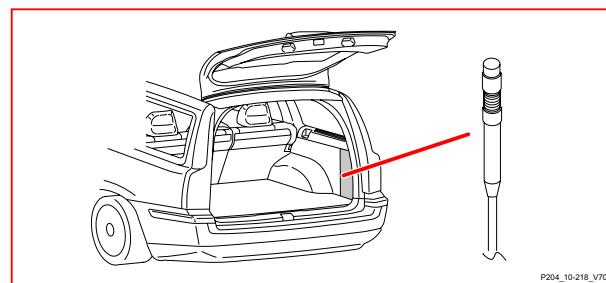
10/173 Cargo compartment lighting, tailgate



10/149 Right exterior rearview mirror lighting



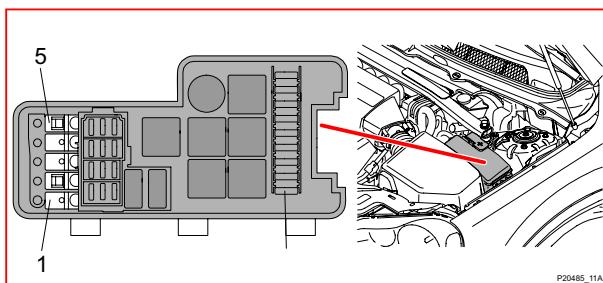
10/218 Indicator light, remote start



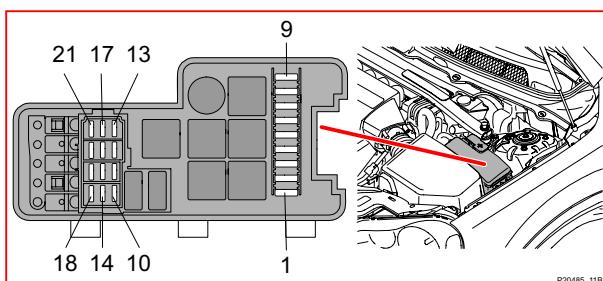
Component illustrations

11A/no. - 11M/no. XC90

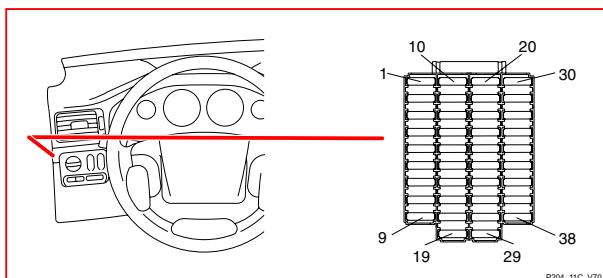
11A/no. Main fuses in engine compartment fuse box



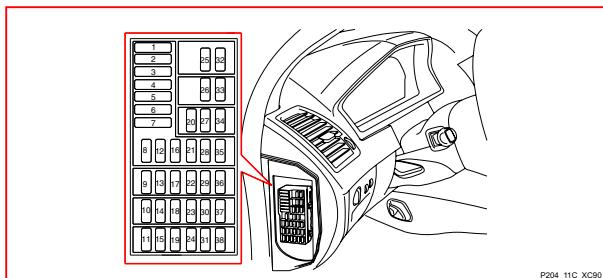
11B/no. Fuses in engine compartment fuse box



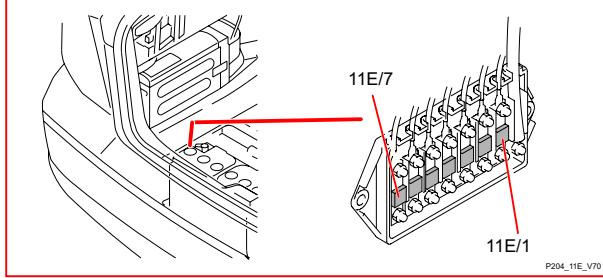
11C/no. Fuses in the passenger compartment fuse box V70



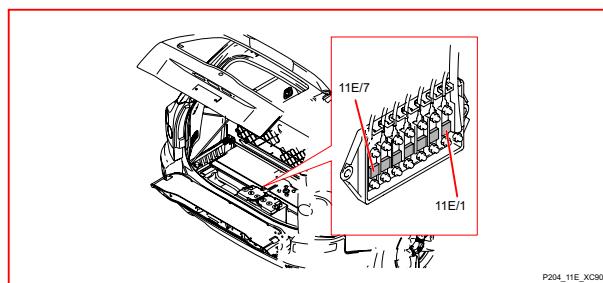
11C/no. Fuses in the passenger compartment fuse box XC90



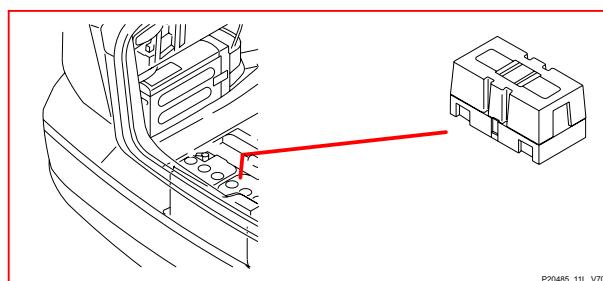
11E/no. Main fuses at the battery V70



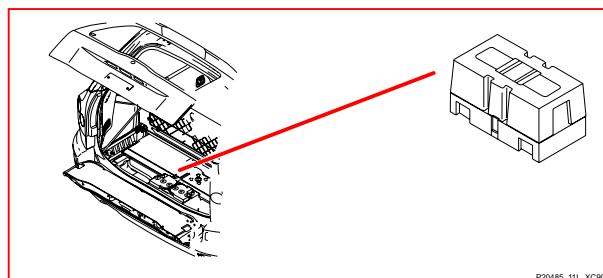
11E/no. Main fuses at the battery XC90



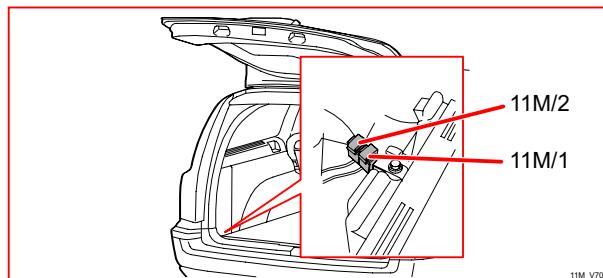
11L/no. Fuse in fuse holder, cargo compartment V70



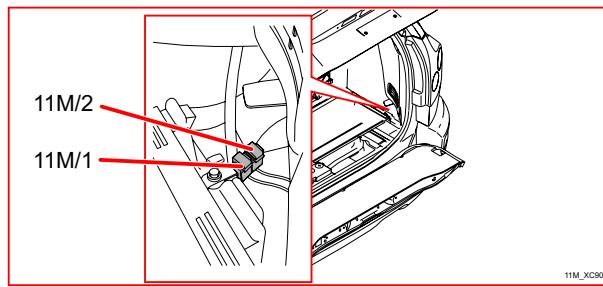
11L/no. Fuse in fuse holder, cargo compartment XC90



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



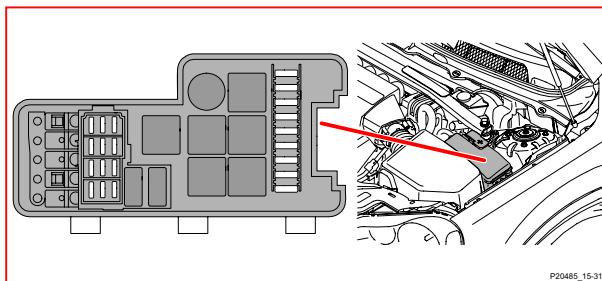
11M/no. Fuse in spare fuse holder, cargo compartment XC90



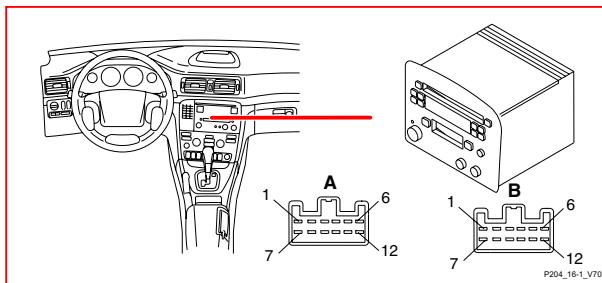
Component illustrations

15/31 - 16/5 XC90

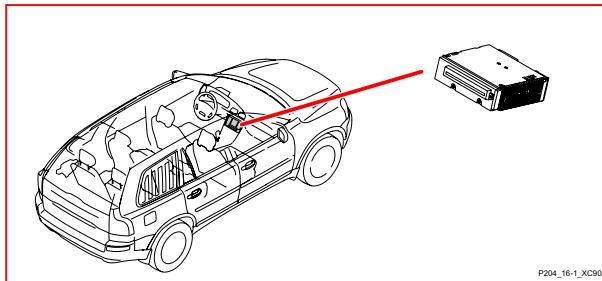
15/31 Distribution box in engine compartment



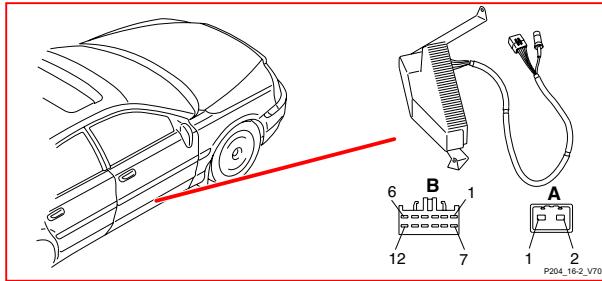
16/1 Audio Module (AUM) V70



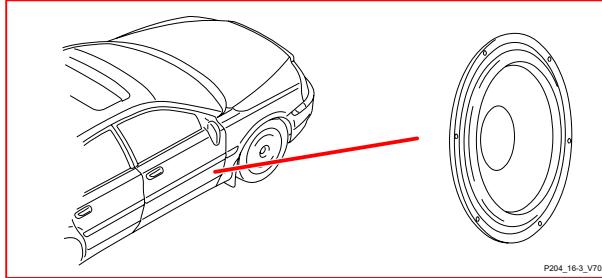
16/1 Integrated Audio Module (IAM) XC90



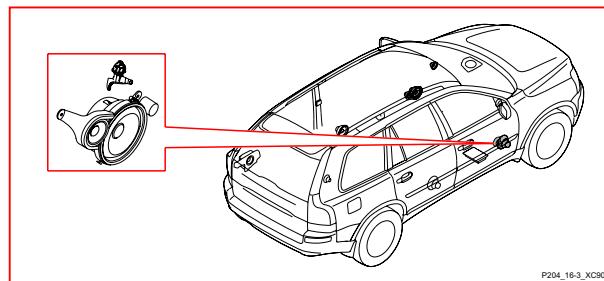
16/2 Amplifier



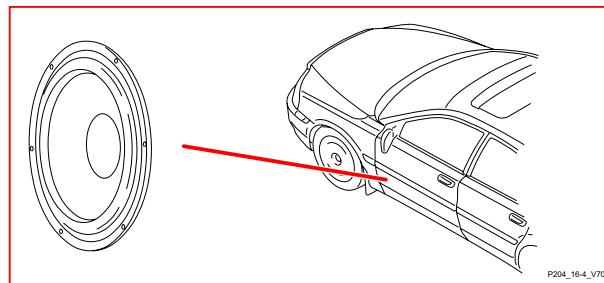
16/3 Speaker, right front door V70



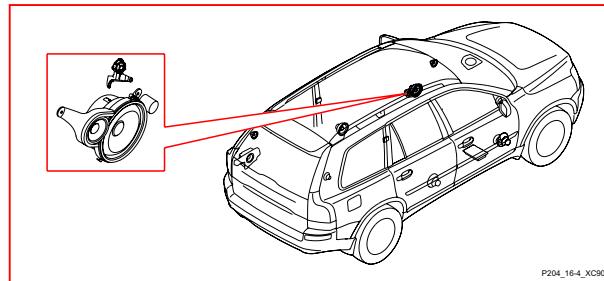
16/3 Speaker, right front door, XC90



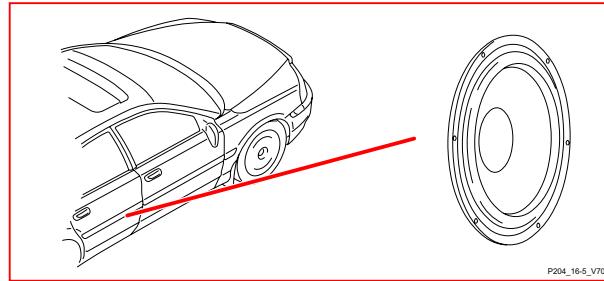
16/4 Speaker, left front door V70



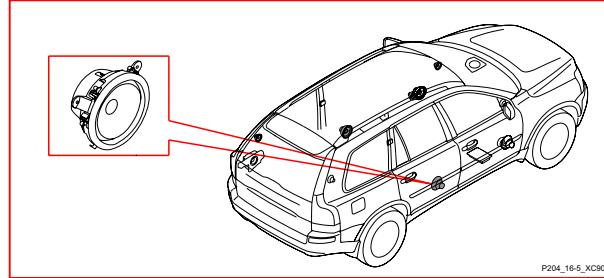
16/4 Speaker, left front door XC90



16/5 Speaker, right rear door V70



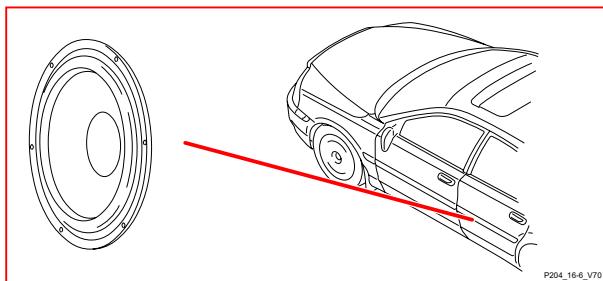
16/5 Speaker, right rear door XC90



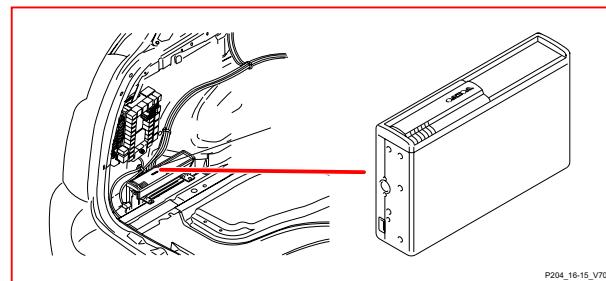
Component illustrations

16/6 V70 - 16/26 XC90

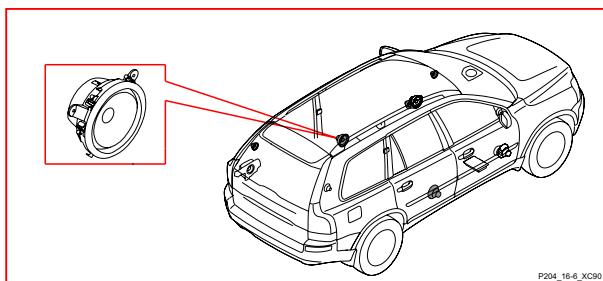
16/6 Speaker, left rear door V70



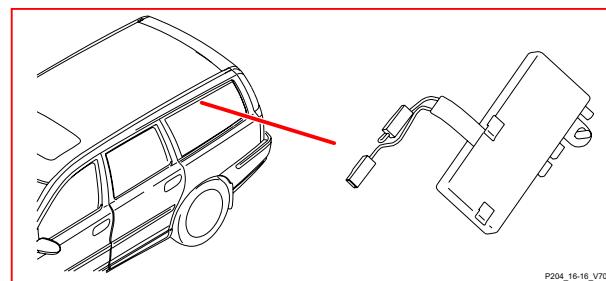
16/15 CD changer



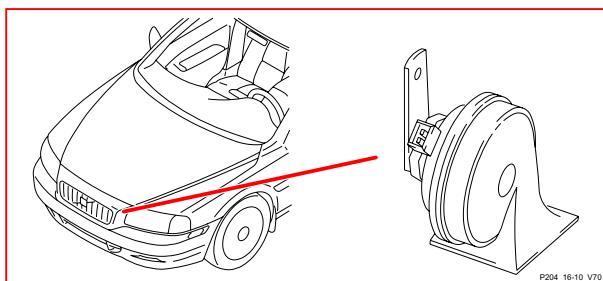
16/6 Speaker, left rear door XC90



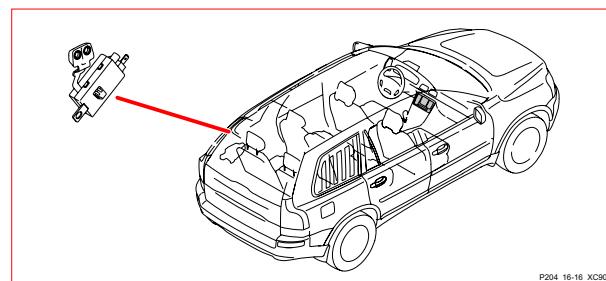
16/16 LH window antenna amplifier 1 V70



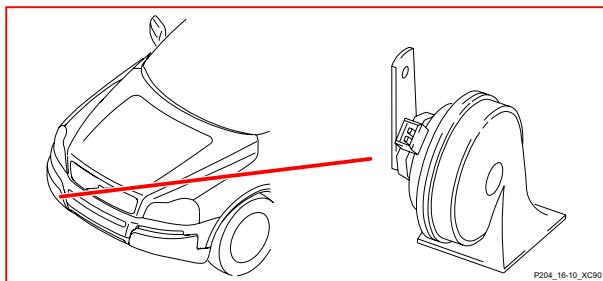
16/10 Horn 1 V70



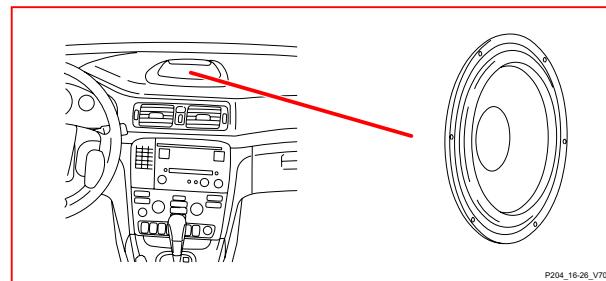
16/16 LH window antenna amplifier 1 XC90



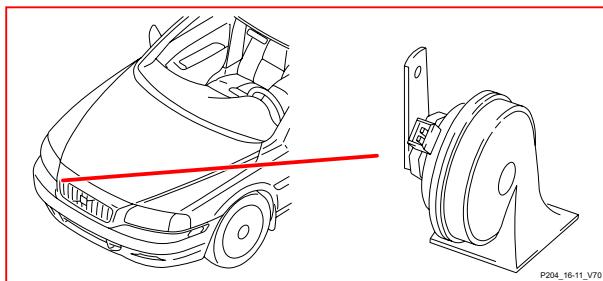
16/10 Horn 1 XC90



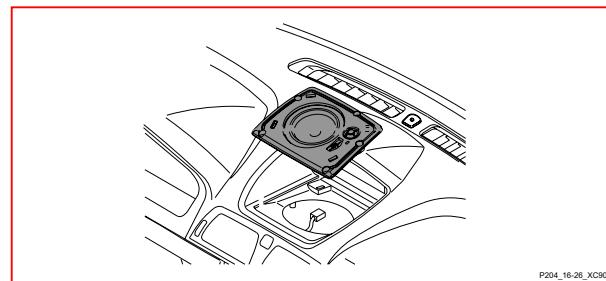
16/26 Speaker, dashboard middle V70



16/11 Horn 2



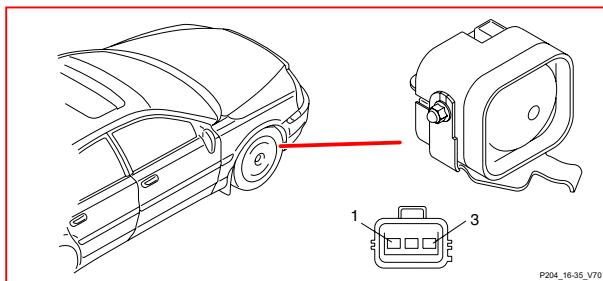
16/26 Speaker, dashboard middle XC90



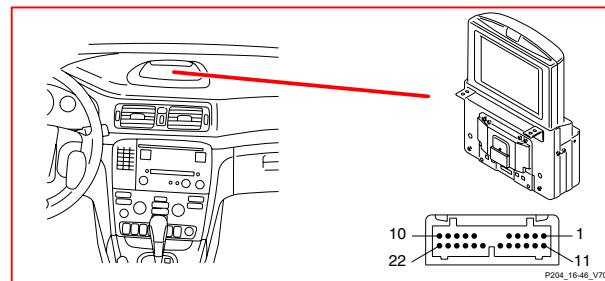
Component illustrations

16/35 V70 - 16/49

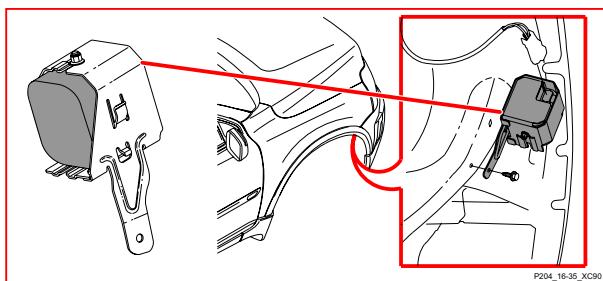
16/35 Siren (SCM) V70



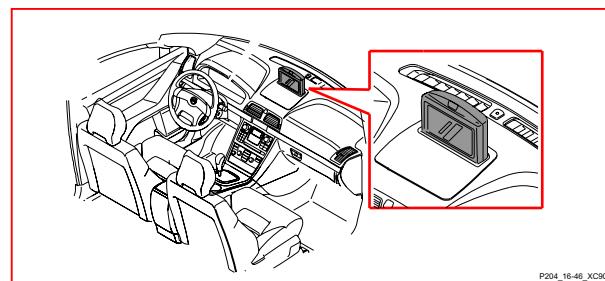
16/46 RTI display V70



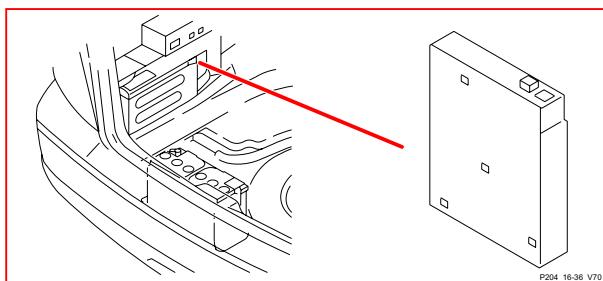
16/35 Siren (SCM) XC90



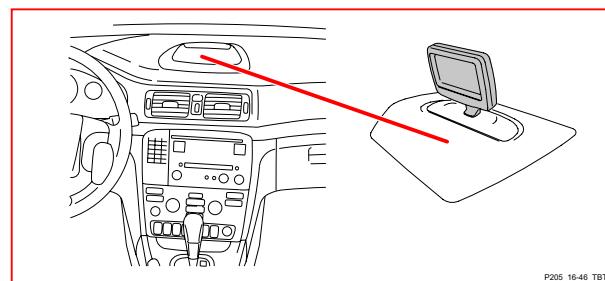
16/46 Multimedia display XC90



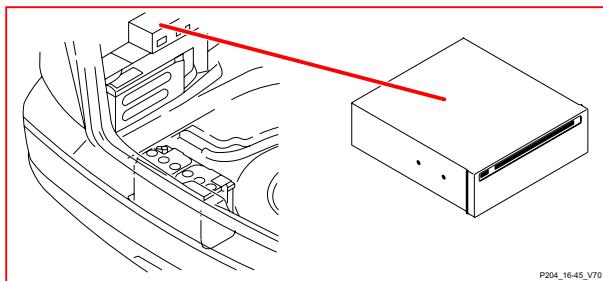
16/36 TV receiver V70



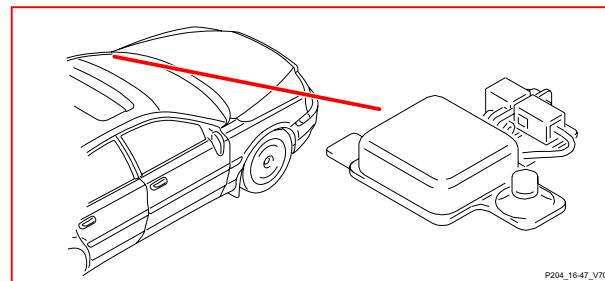
16/46 RTI display, Turn-by-Turn



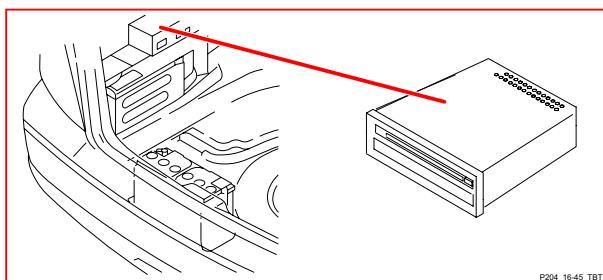
16/45 Road Traffic Information module (RTI)



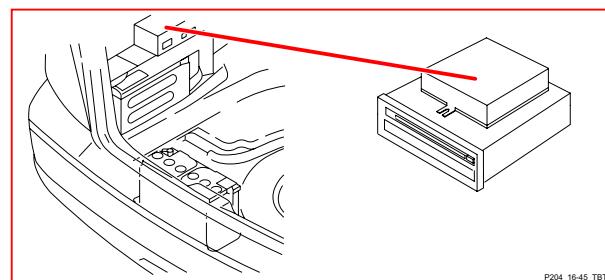
16/47 GPS antenna, RTI



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



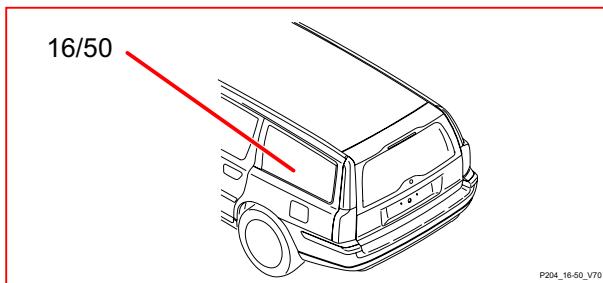
16/49 Traffic Message Channel module



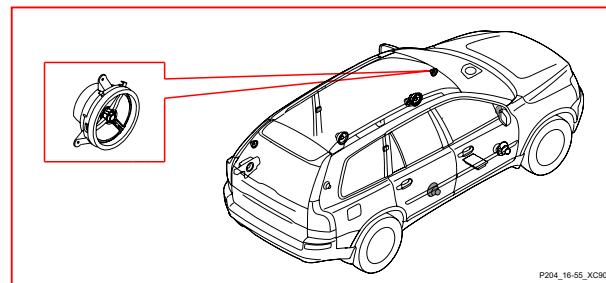
Component illustrations

16/50 V70 - 16/57 XC90

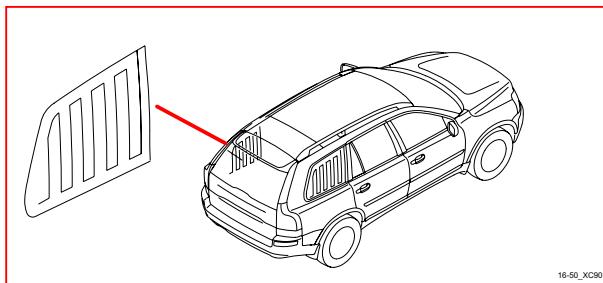
16/50 Window antenna, rear left V70



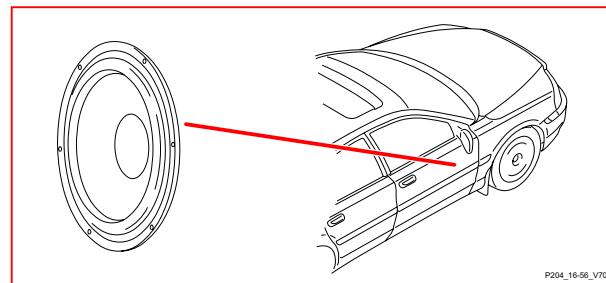
16/55 Treble speaker, left front door XC90



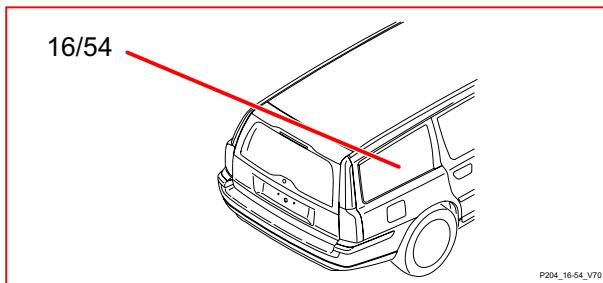
16/50 Window antenna, rear left XC90



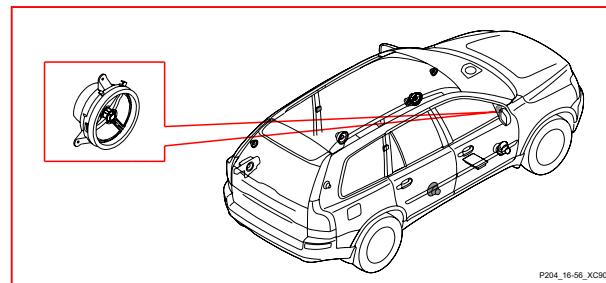
16/56 Treble speaker, right front door V70



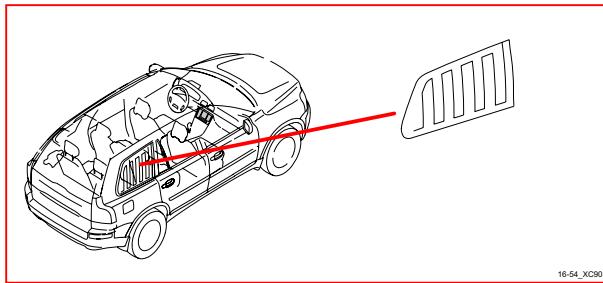
16/54 Window antenna, rear right V70



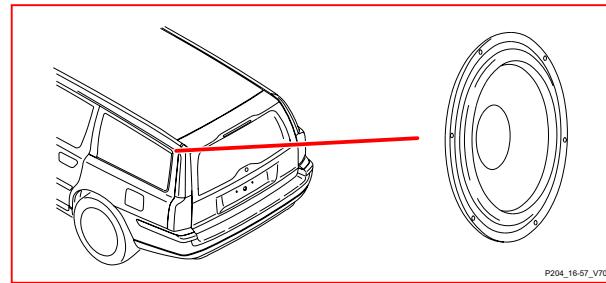
16/56 Treble speaker, right front door XC90



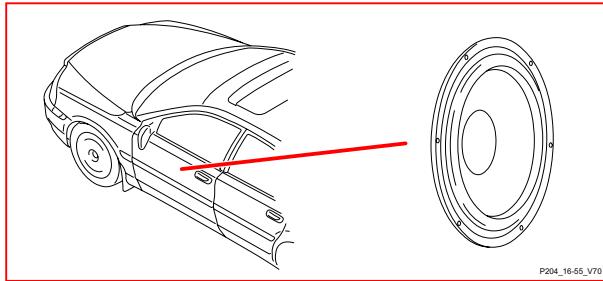
16/54 Window antenna, rear right XC90



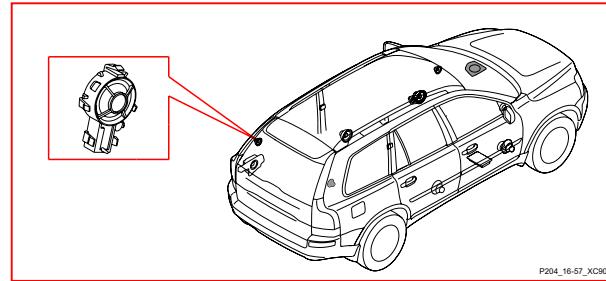
16/57 Speaker, left D-post V70



16/55 Treble speaker, left front door V70



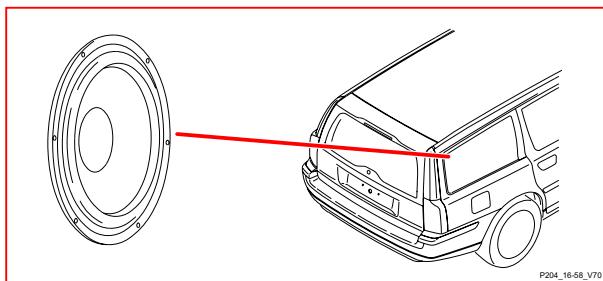
16/57 Speaker, left D-post XC90



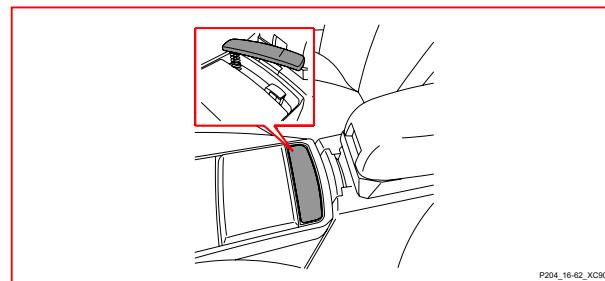
Component illustrations

16/58 V70 - 16/64 XC90

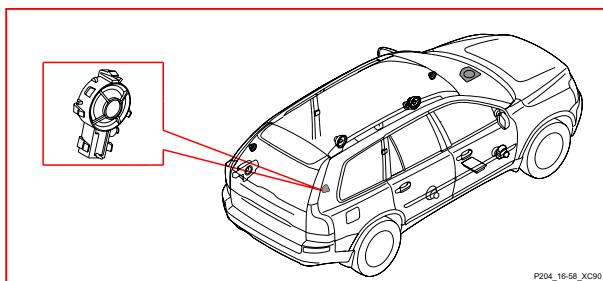
16/58 Speaker, right D-post V70



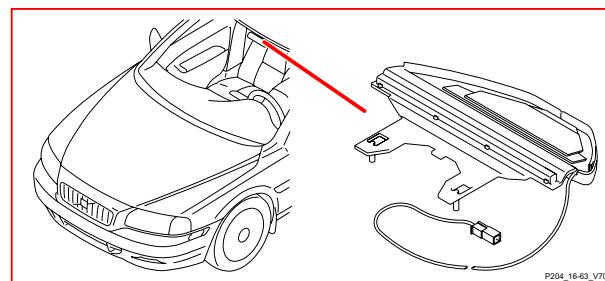
16/62 Handset, cellular phone XC90



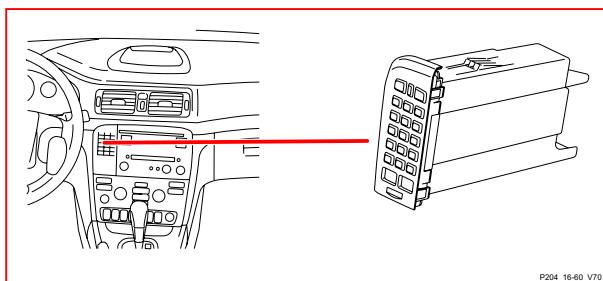
16/58 Speaker, right D-post XC90



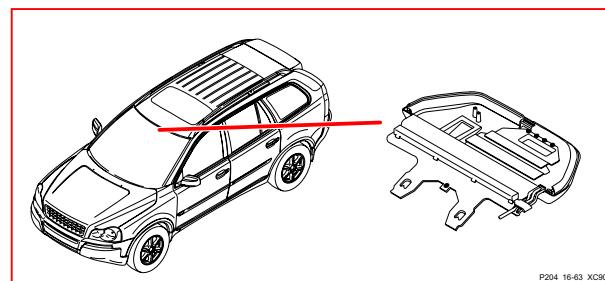
16/63 GPS antenna, cellular phone V70



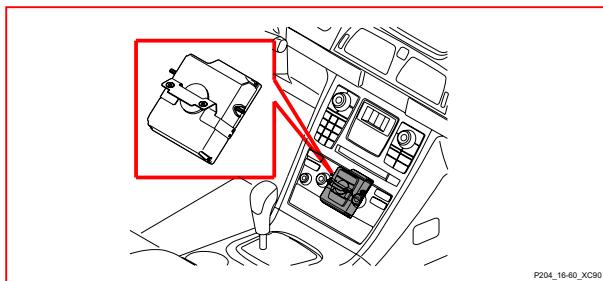
16/60 Phone Module (PHM) V70



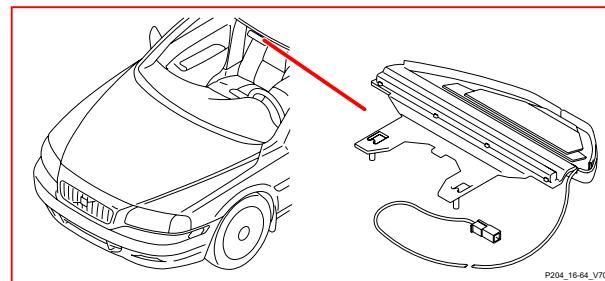
16/63 GPS antenna, cellular phone XC90



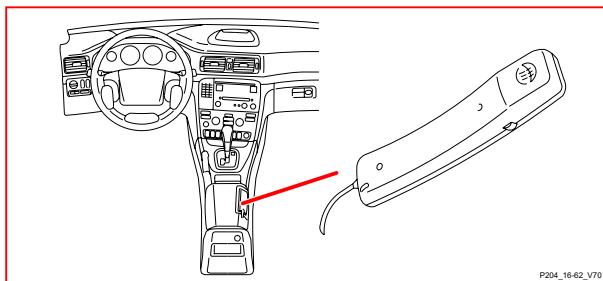
16/60 Phone Module (PHM) XC90



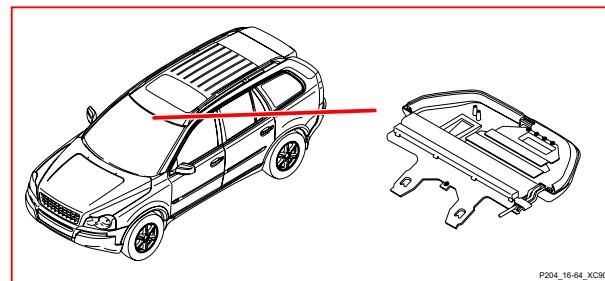
16/64 Cellular phone antenna V70



16/62 Handset, cellular phone V70



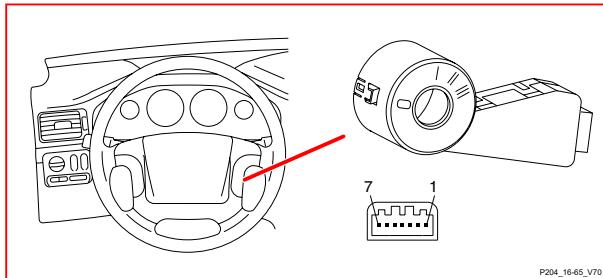
16/64 Cellular phone antenna XC90



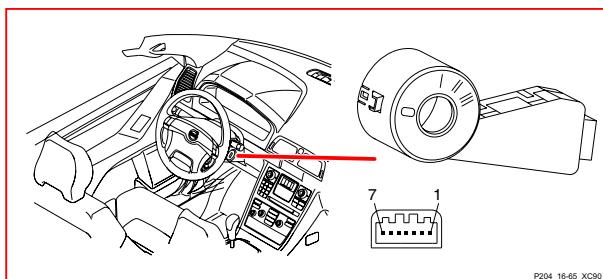
Component illustrations

16/65 V70 - 16/77 XC90

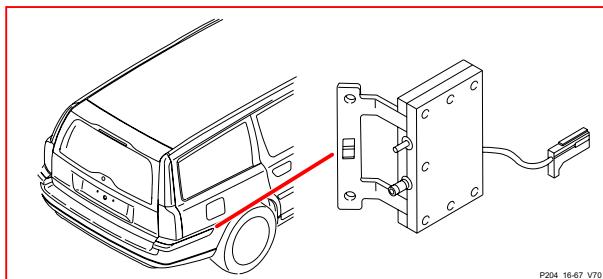
**16/65 Antenna ring/ignition switch lighting
V70**



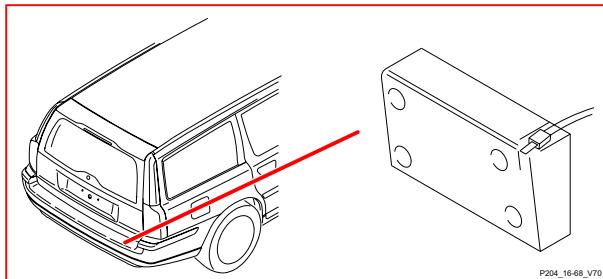
**16/65 Antenna ring/ignition switch lighting
XC90**



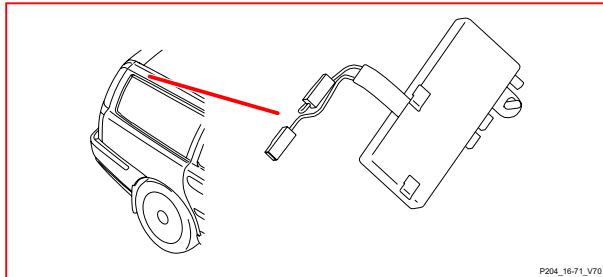
16/67 Amplifier antenna, bumper



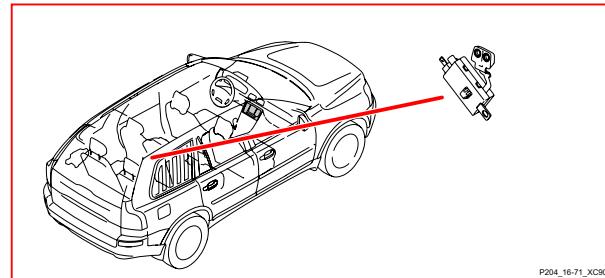
16/68 Antenna, bumper



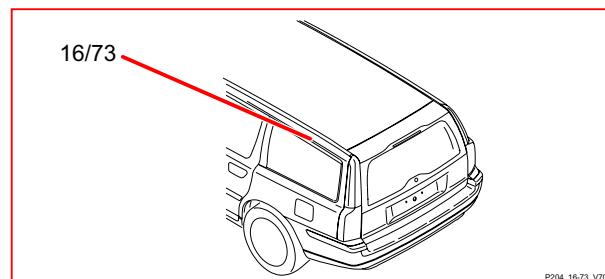
16/71 RH window antenna amplifier 1 V70



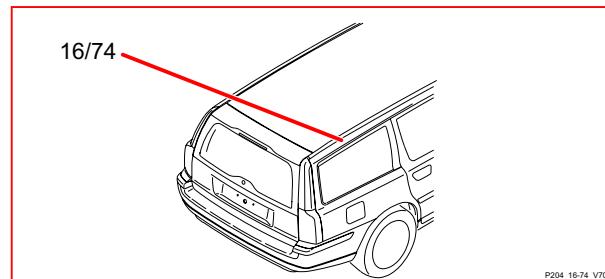
**16/71 Window antenna amplifier 1,
right XC90**



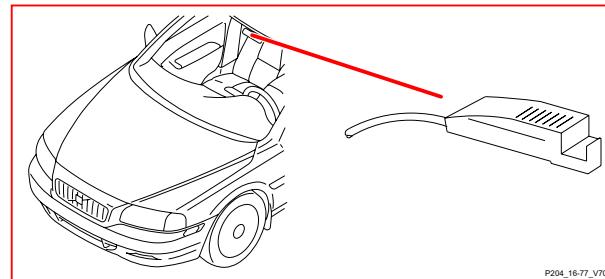
16/73 Window antenna amplifier 2, left



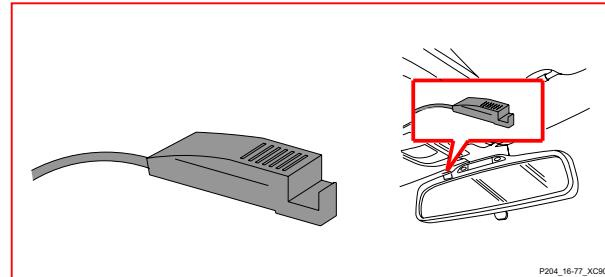
16/74 Window antenna amplifier 2, right



16/77 Microphone, cellular phone V70



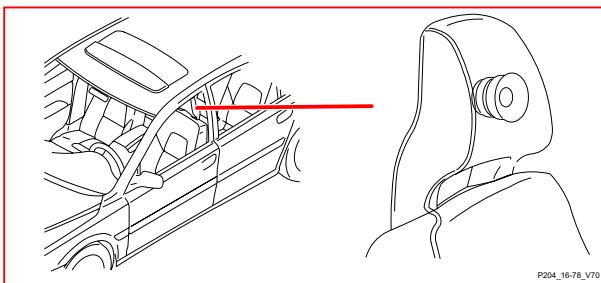
16/77 Microphone, cellular phone XC90



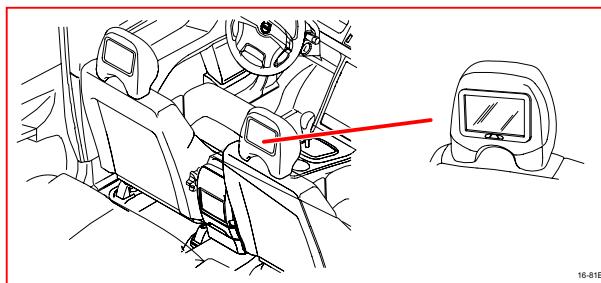
Component illustrations

16/78 - 16/93 XC90

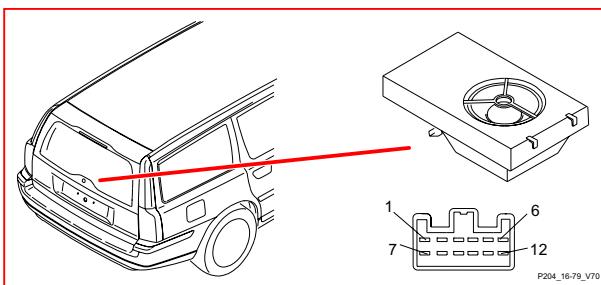
16/78 Speaker, cellular phone



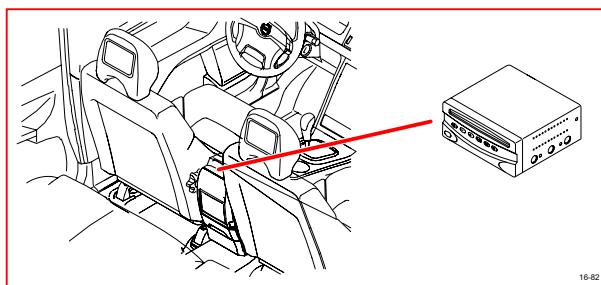
16/81B Screen, RH head restraint



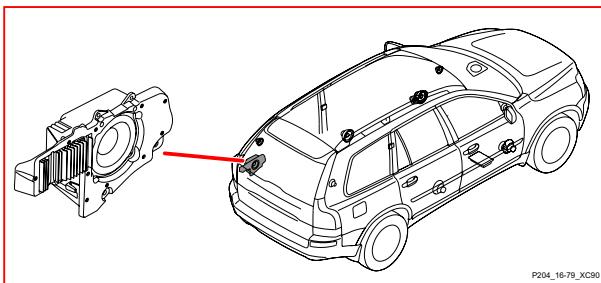
16/79 Subwoofer V70



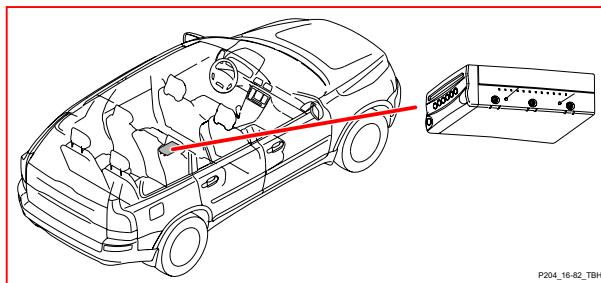
16/82 DVD-player



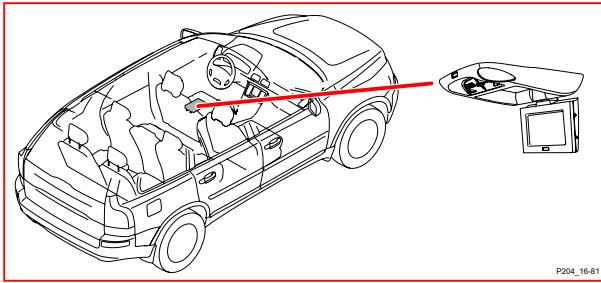
16/79 Subwoofer Module (SUB) XC90



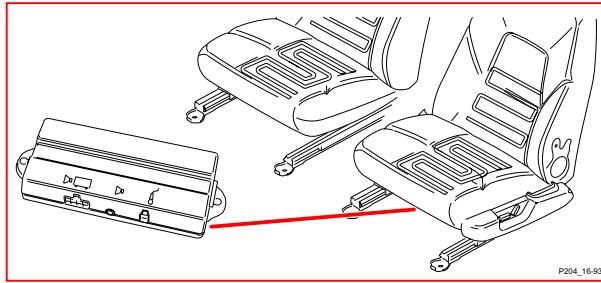
16/82 DVD-player accessory



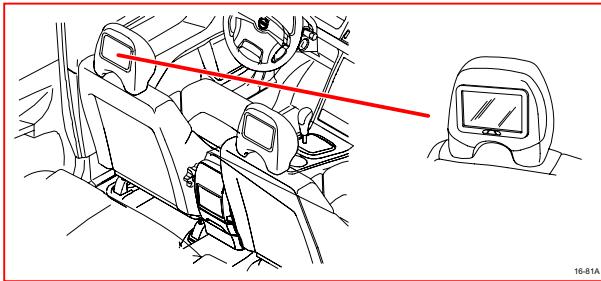
16/81 Screen, accessory



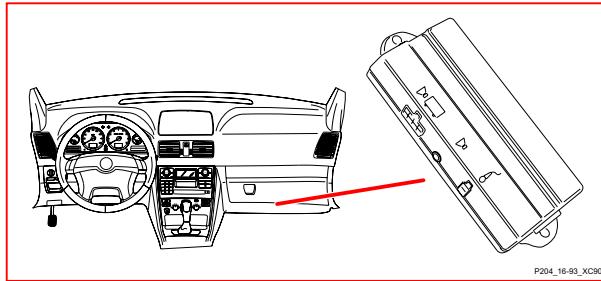
16/93 Control module, cellular phone handsfree V70



16/81A Screen, LH head restraint



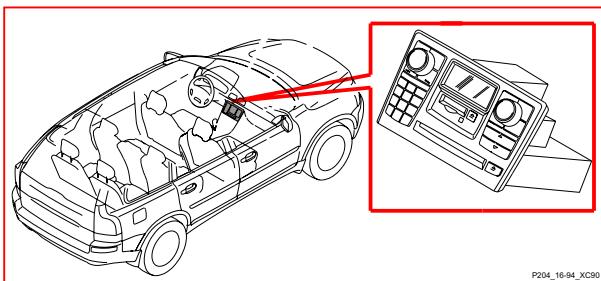
16/93 Control module, cellular phone handsfree XC90



Component illustrations

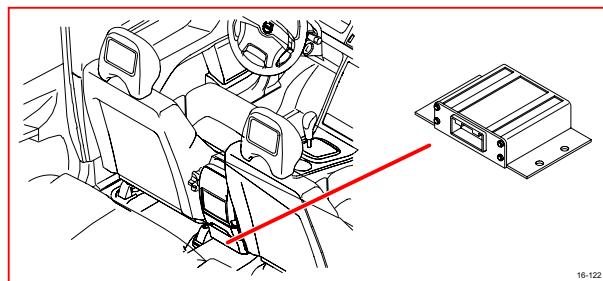
16/94 - 16/127 V70

16/94 Infotainment Control Module (ICM)



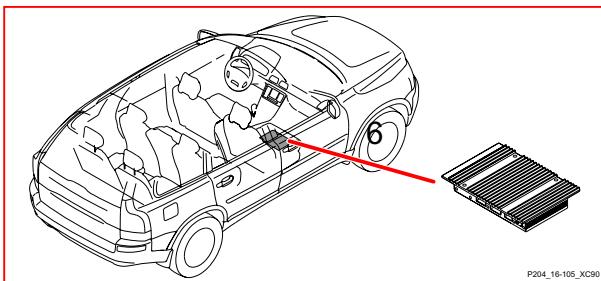
P204_16-94_XC90

16/122 Rear Audio Separation module (RAS)



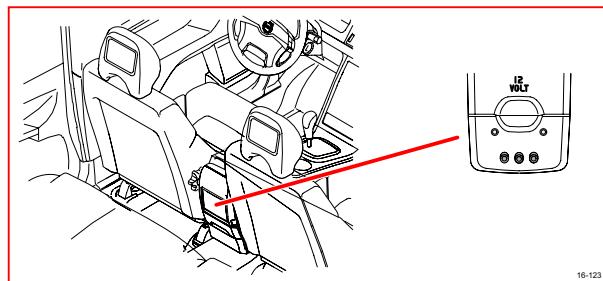
16-122

16/105 Audio Module (AUD)



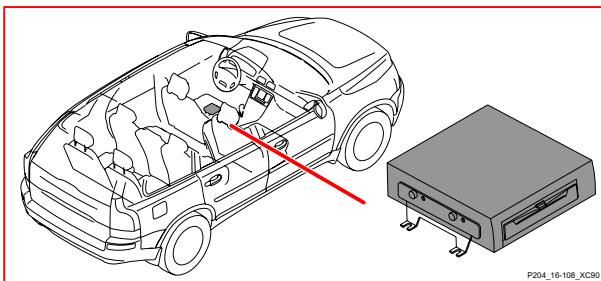
P204_16-105_XC90

16/123 External equipment input (AUX)



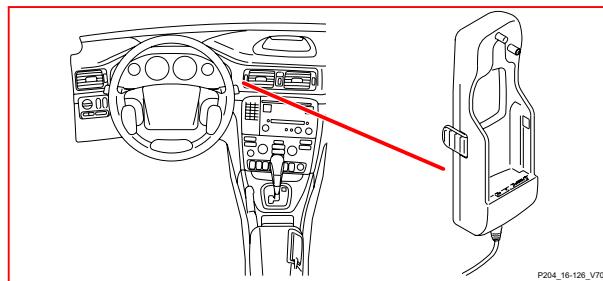
16-123

16/108 Multimedia Module (MMM)



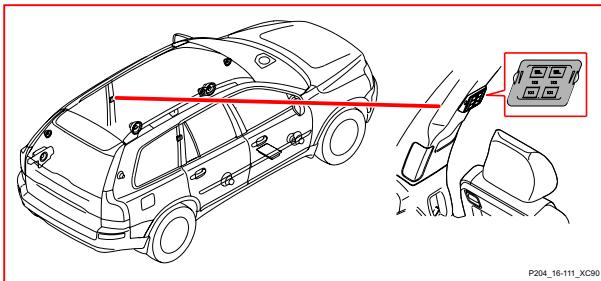
P204_16-108_XC90

16/126 Holder, cellular phone handsfree V70



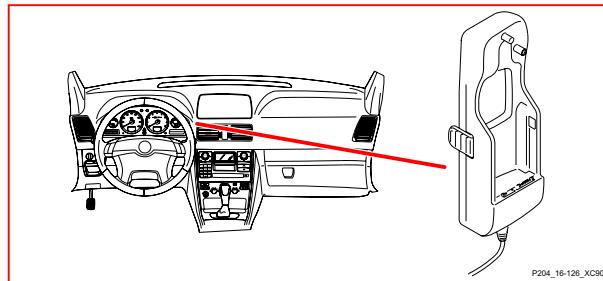
P204_16-126_V70

16/111 Outlet, rear left headphones



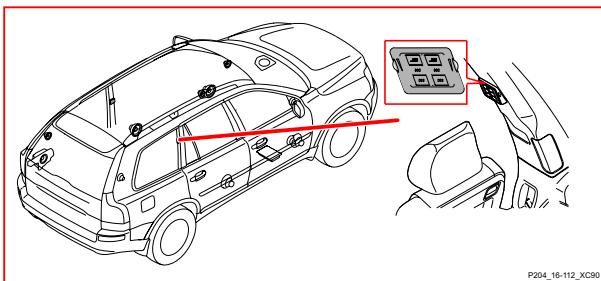
P204_16-111_XC90

16/126 Holder, handsfree cellular phone XC90



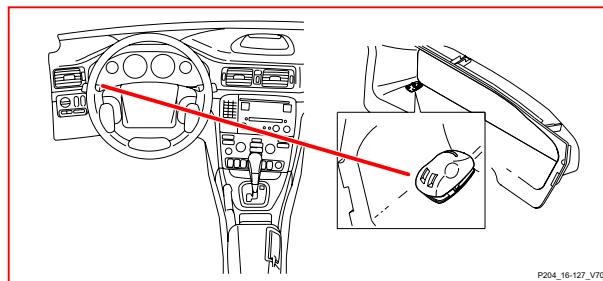
P204_16-126_XC90

16/112 Outlet, rear right headphones



P204_16-112_XC90

16/127 Microphone, cellular phone handsfree V70

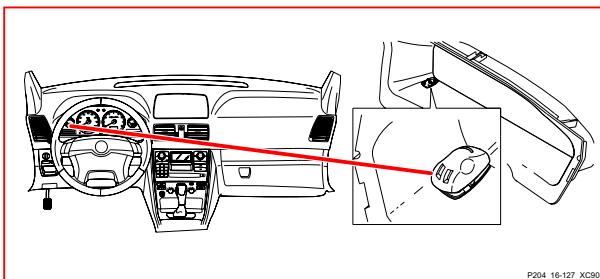


P204_16-127_V70

Component illustrations

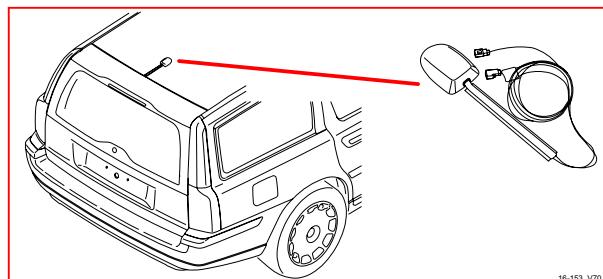
16/127 XC90 - 17/17

16/127 Microphone, cellular phone handsfree XC90



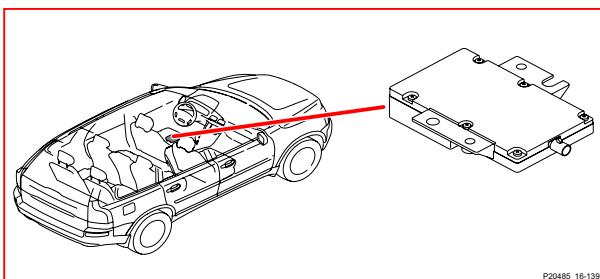
P204_16-127_XC90

16/153 Satellite receiver antenna V70



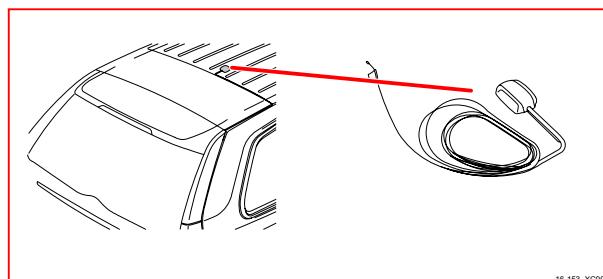
16-153_V70

16/139 Global Positioning System Module (GPS)



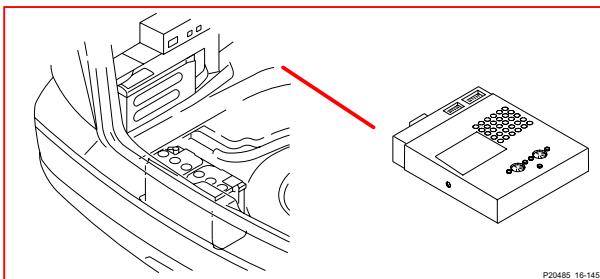
P20485_16-139

16/153 Satellite receiver antenna XC90



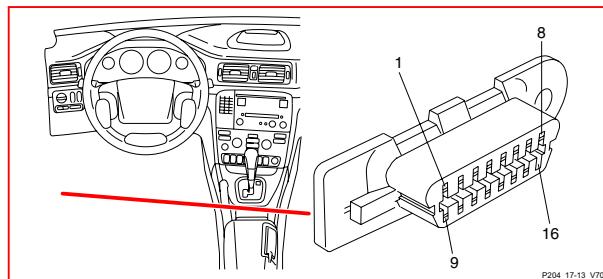
16-153_XC90

16/145 Satellite radio receiver V70



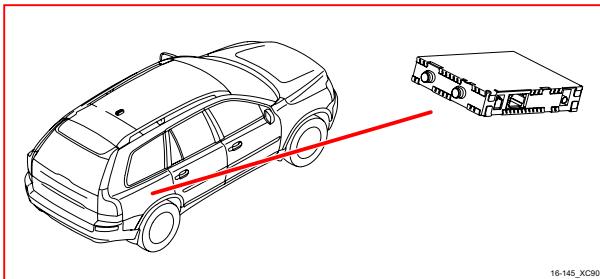
P20485_16-145

17/13 Data link connector V70



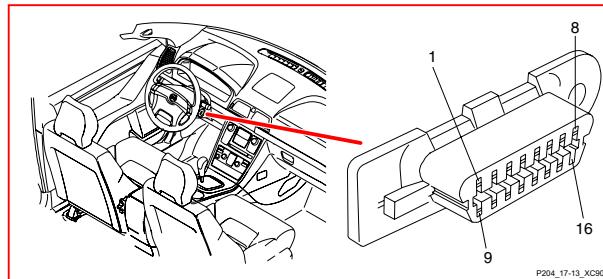
P204_17-13_V70

16/145 Satellite radio receiver XC90



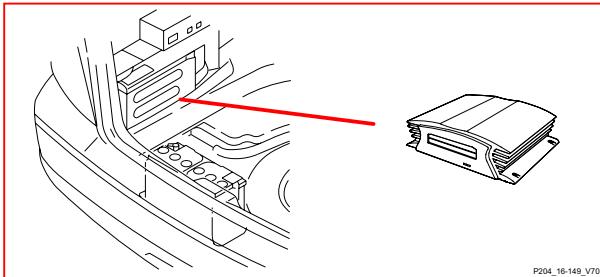
16-145_XC90

17/13 Data link connector XC90



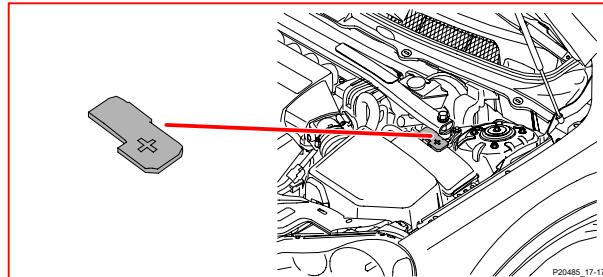
P204_17-13_XC90

16/149 MP3 player



P204_16-149_V70

17/17 Jump start connection

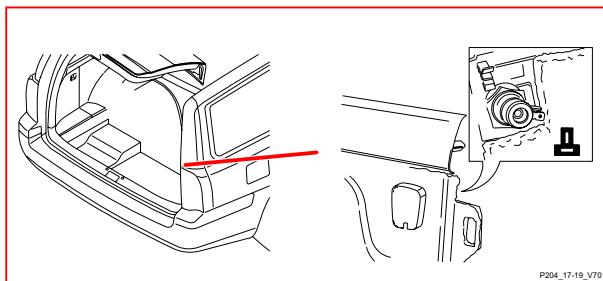


P20485_17-17

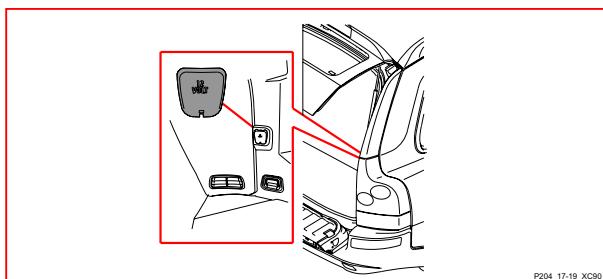
Component illustrations

17/19 V70 - 17/40

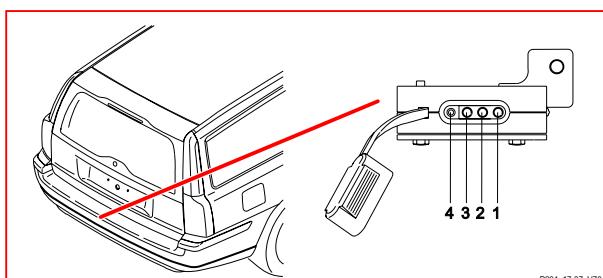
17/19 12V outlet, cargo compartment V70



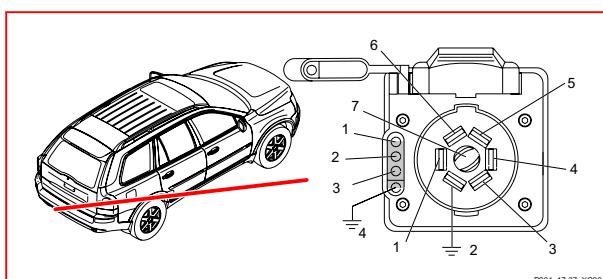
17/19 12V outlet, cargo compartment XC90



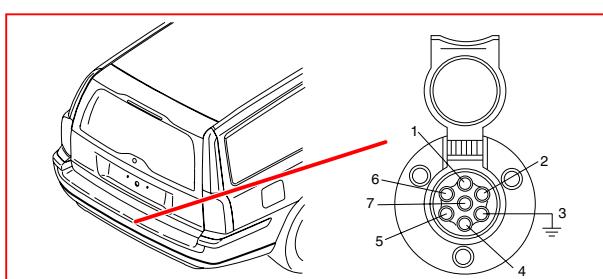
17/37 4-pin outlet, tow hitch cable harness
V70



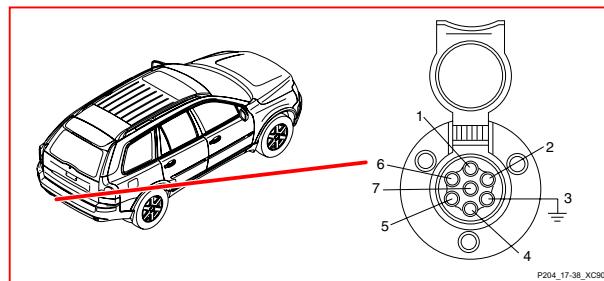
17/37 4-pin outlet, tow hitch cable harness
XC90



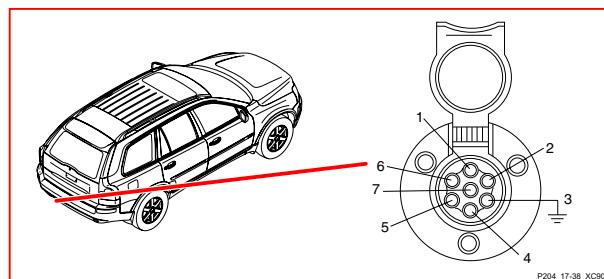
17/38 7-pin outlet, tow hitch cable harness
V70



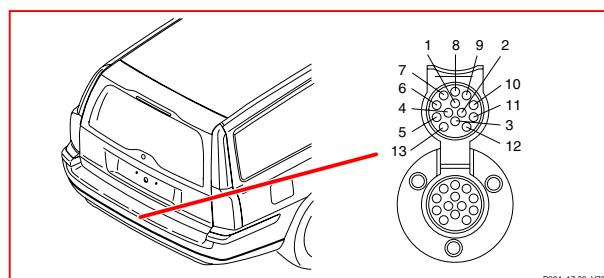
17/38 7-pin outlet, tow hitch cable harness
XC90 EU/OS



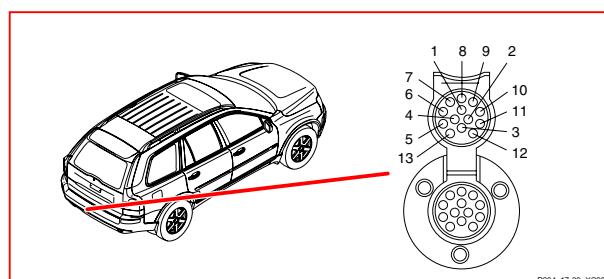
17/38 7-pin outlet, tow hitch cable harness
XC90 USA



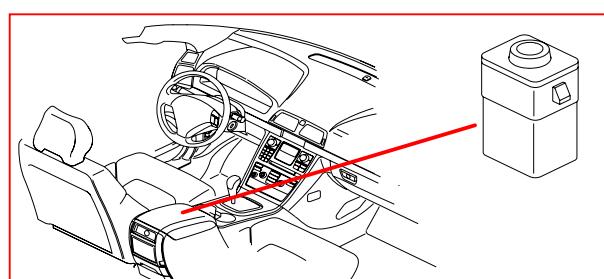
17/39 13-pin outlet, tow hitch cable harness
V70



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



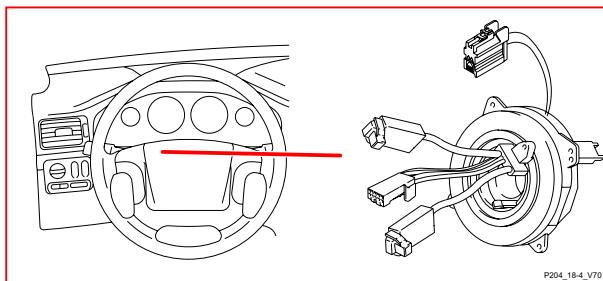
17/40 External equipment input (AUX)



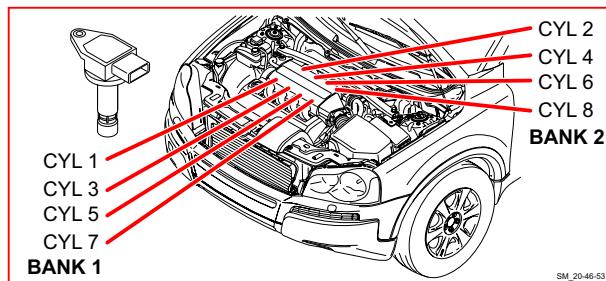
Component illustrations

18/4 V70 - 27/4

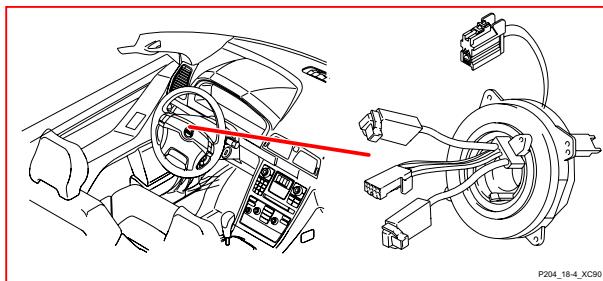
18/4 Contact reel V70



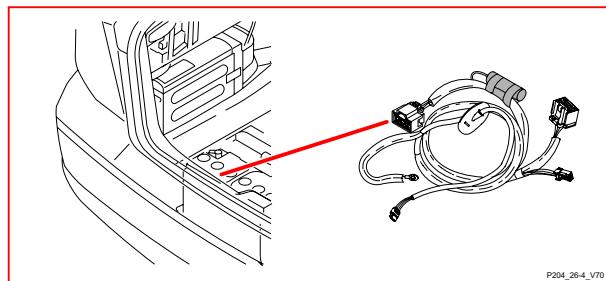
20/46-53 Spark plug with ignition coil, 8-cyl.



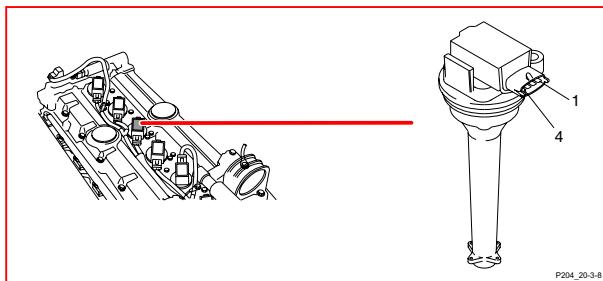
18/4 Contact reel XC90



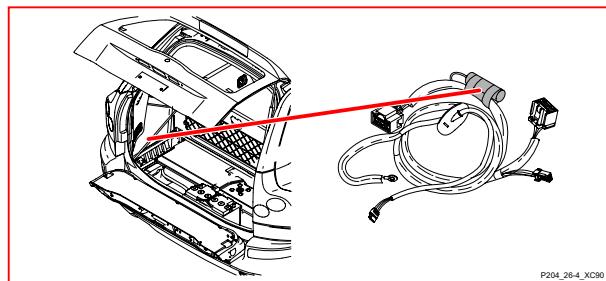
26/4 Converter, tow hitch cable harness V70



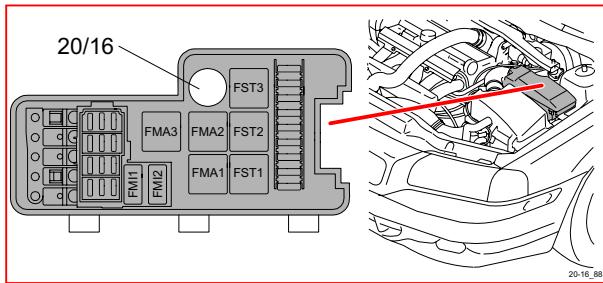
20/3-8 Spark plug and ignition coil



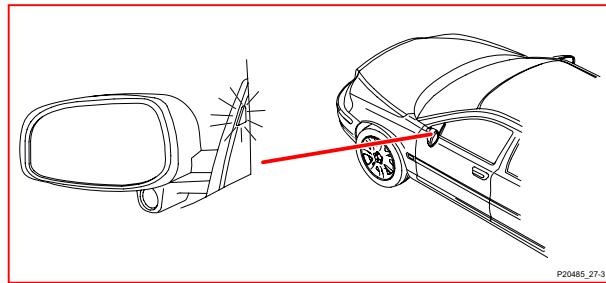
26/4 Converter, tow hitch cable harness XC90



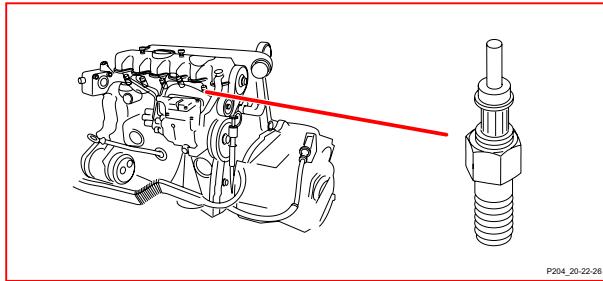
20/16 Capacitor



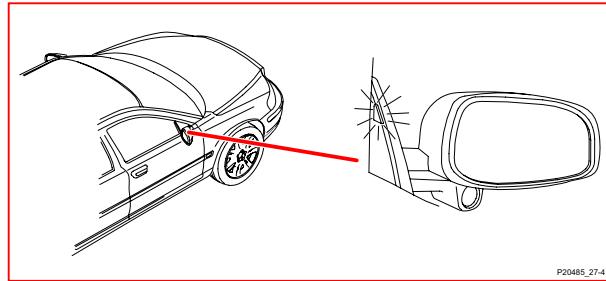
27/3 Left Camera Module (LCM)



20/22-26 Glow plug



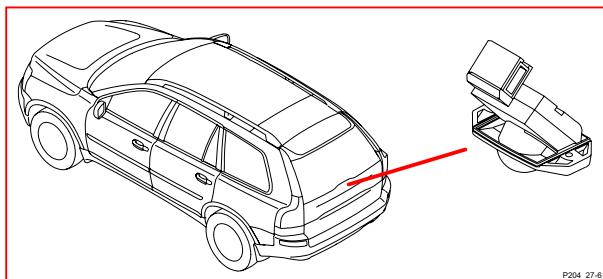
27/4 Right Camera Module (RCM)



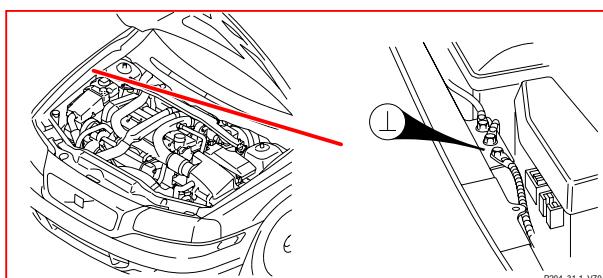
Component illustrations

27/6 - 31/10 XC90

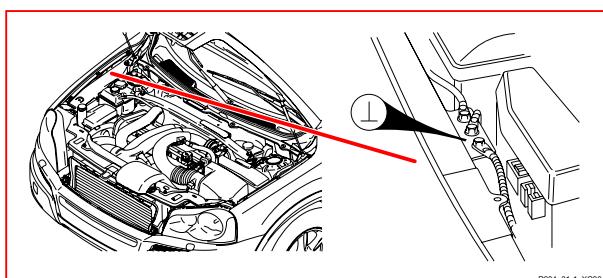
27/6 Camera



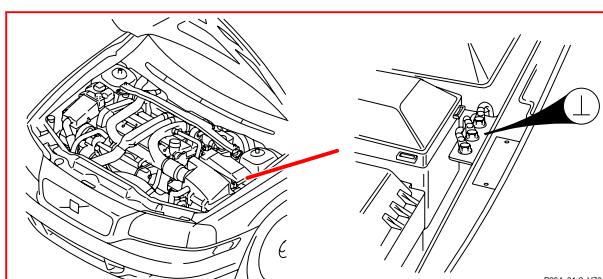
31/1 Ground connection, right MacPherson strut tower V70



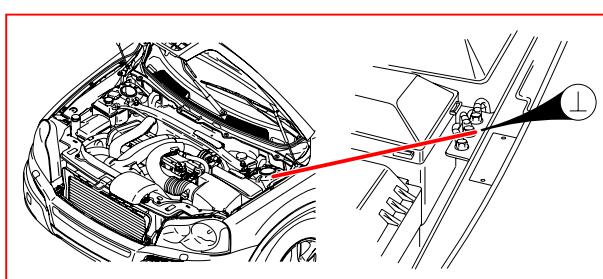
31/1 Ground connection, right MacPherson strut tower XC90



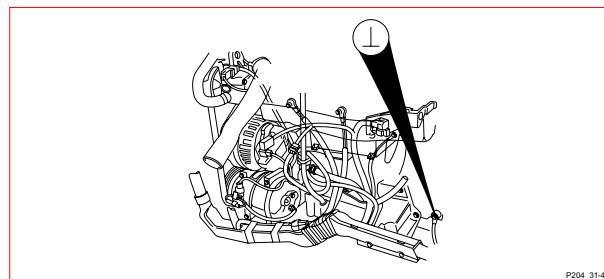
31/2 Ground connection, left MacPherson strut tower V70



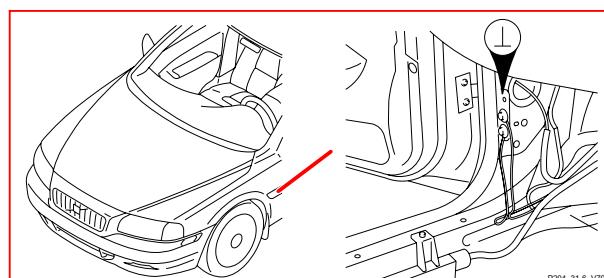
31/2 Ground connection, left MacPherson strut tower XC90



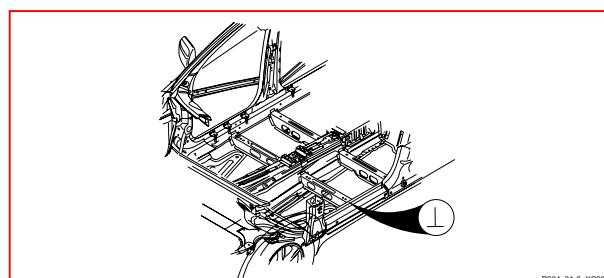
31/4 Ground connection, engine



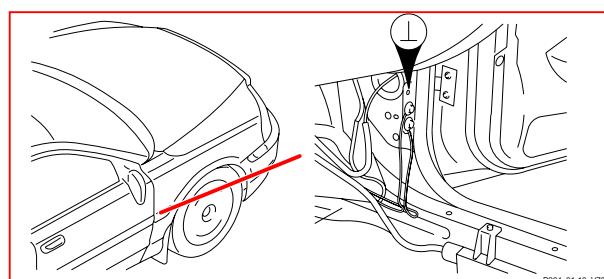
31/6 Ground connection, left-hand side A-post V70



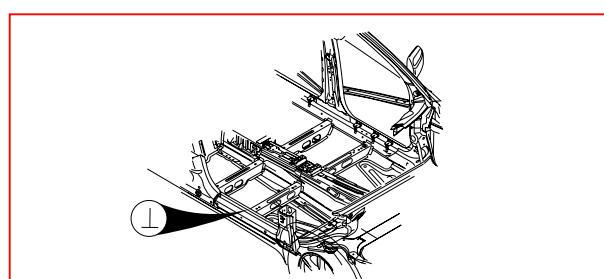
31/6 Ground connection, left-hand side A-post XC90



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



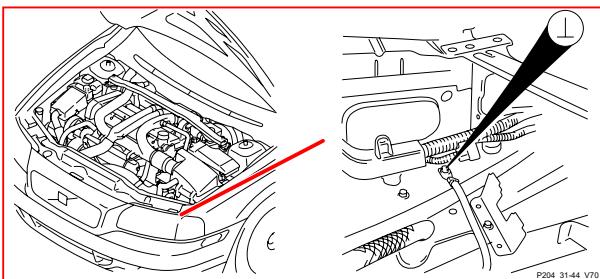
31/10 Ground connection, A-post, right-hand side XC90



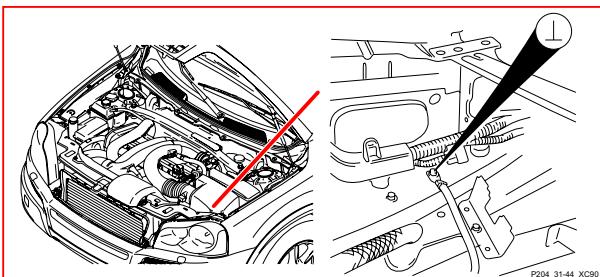
Component illustrations

31/44 V70 - 31/53 XC90

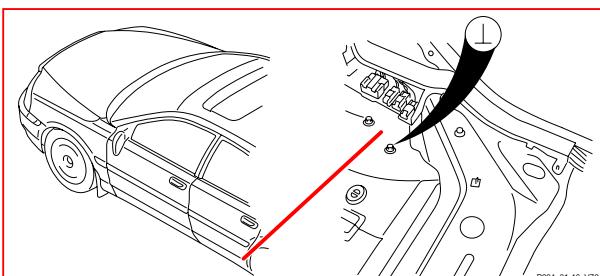
31/44 Ground connection, left-hand side member, lower engine compartment V70



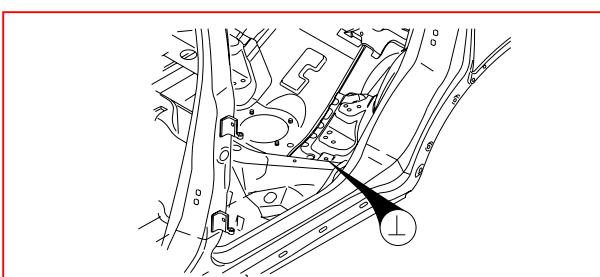
31/44 Ground connection, left-hand side member, lower engine compartment XC90



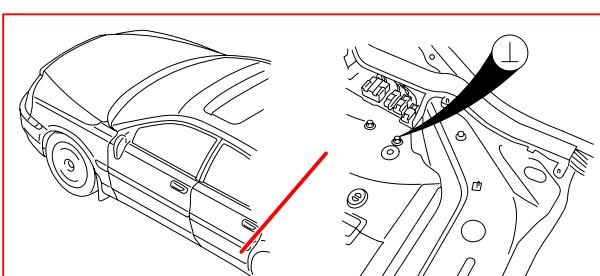
31/46 Ground connection, rear left seat riser V70



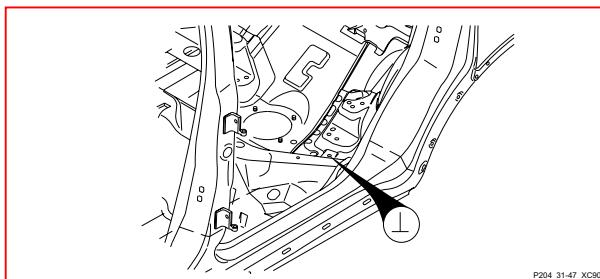
31/46 Ground connection, rear left seat riser XC90



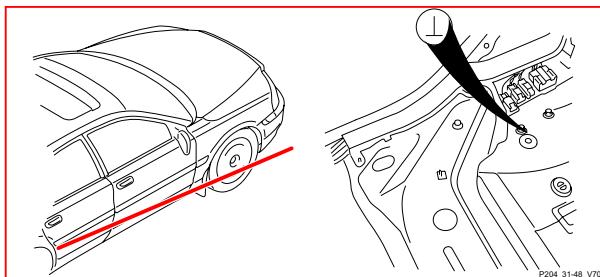
31/47 Ground connection, rear left seat riser V70



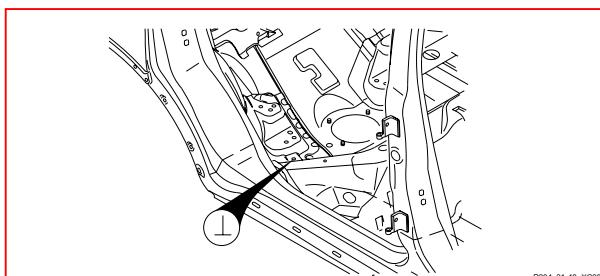
31/47 Ground connection, rear left seat riser XC90



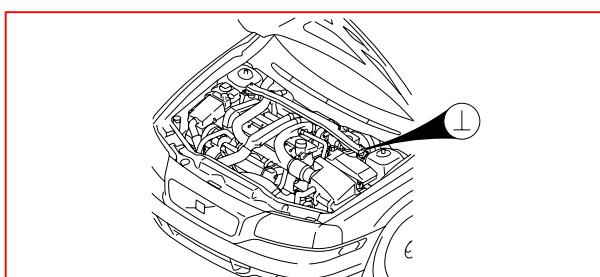
31/48 Ground connection, rear right seat riser V70



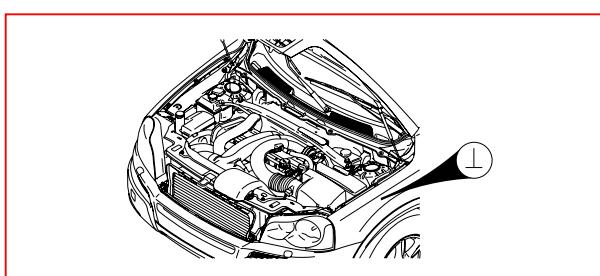
31/48 Ground connection, rear right seat riser XC90



31/53 Ground connection, firewall V70



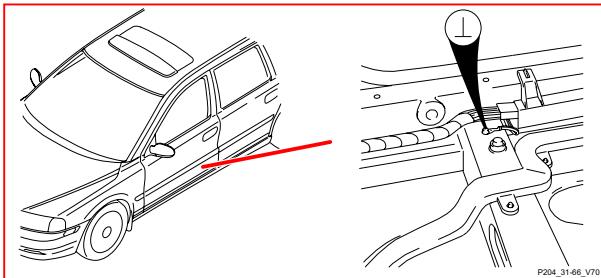
31/53 Ground connection, firewall XC90



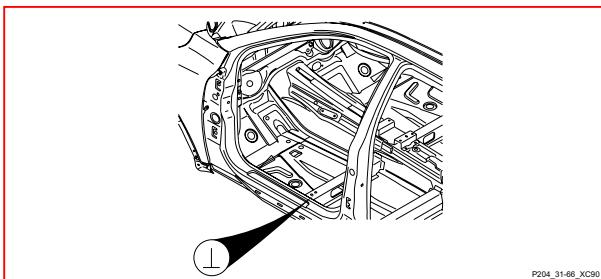
Component illustrations

31/66 V70 - 31/73 XC90

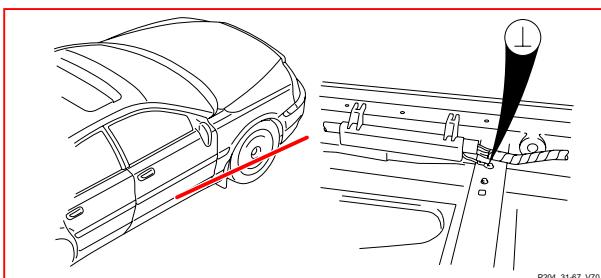
31/66 Ground connection, front left seat riser V70



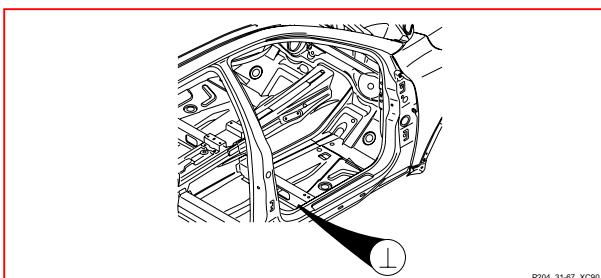
31/66 Ground connection, front left seat riser XC90



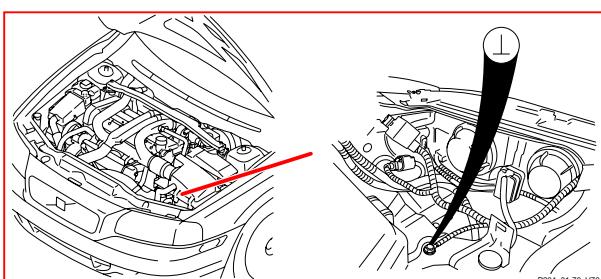
31/67 Ground connection, front right seat riser V70



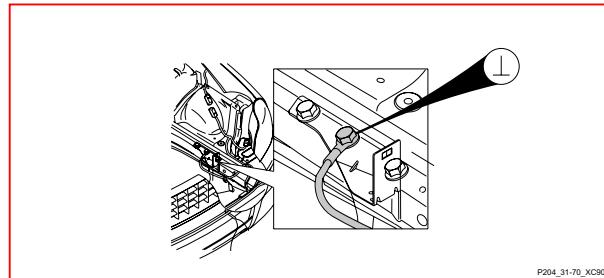
31/67 Ground connection, front right seat riser XC90



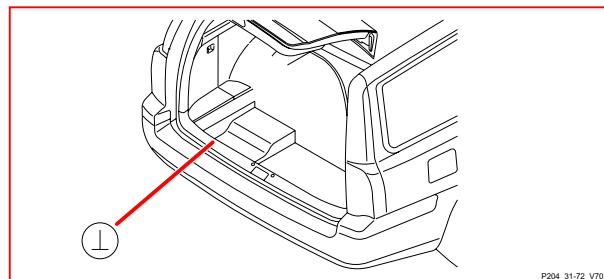
31/70 Ground connection, left-hand side member, lower engine compartment V70



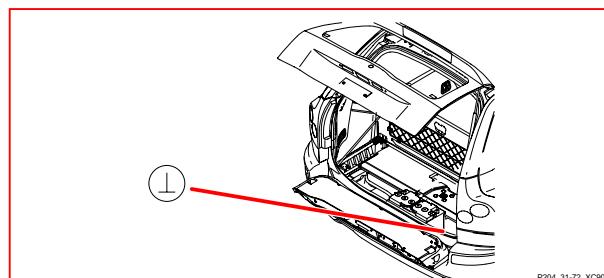
31/70 Ground connection, left-hand side member, lower engine compartment XC90



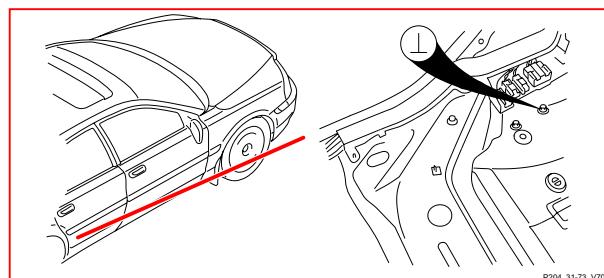
31/72 Ground connection, cargo compartment V70



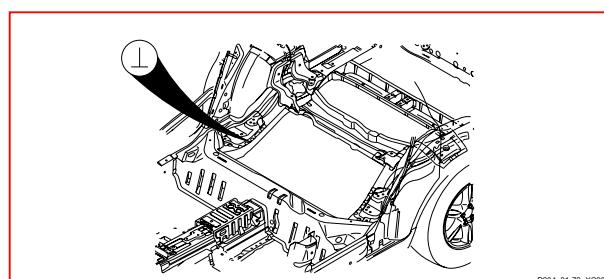
31/72 Ground connection, cargo compartment XC90



31/73 Ground connection, rear right seat riser V70



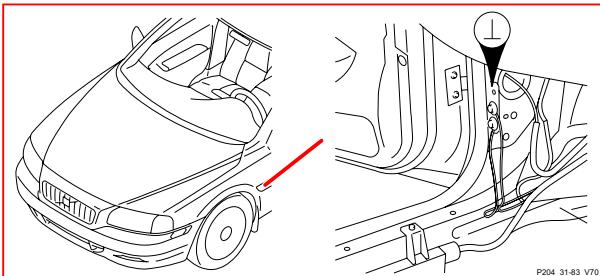
31/73 Ground connection, rear right seat riser XC90



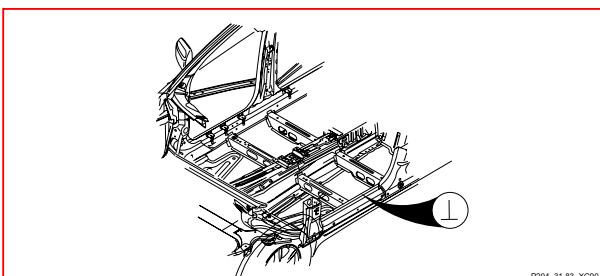
Component illustrations

31/83 V70 - 31/89 8-cyl.

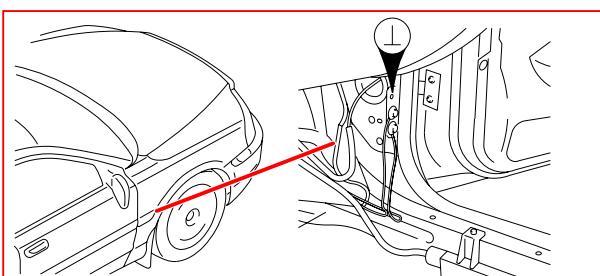
31/83 Ground connection, left-hand side
A-post V70



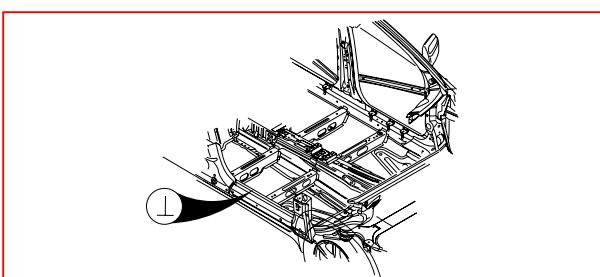
31/83 Ground connection, left-hand side
A-post XC90



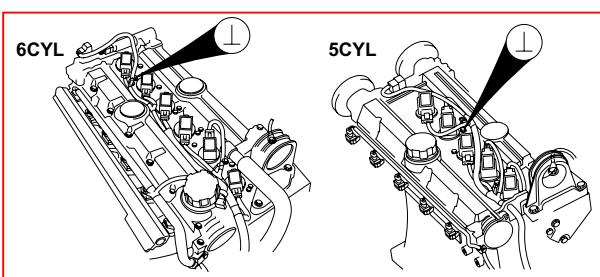
31/84 Ground connection, A-post, right-hand side V70



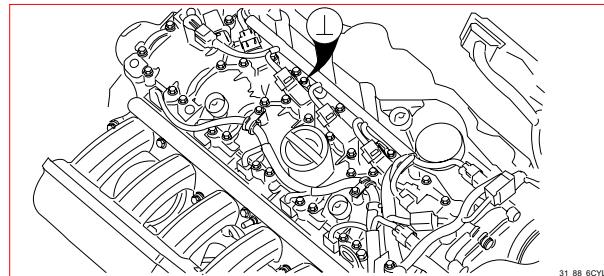
31/84 Ground connection, A-post, right-hand side XC90



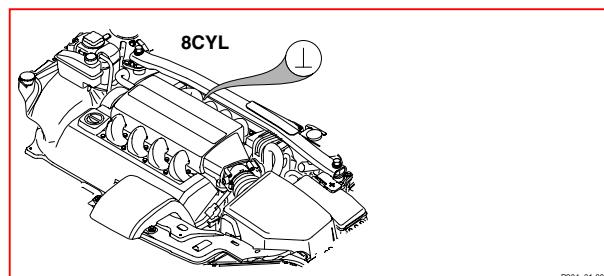
31/88 Ground connection, engine ignition coils, group 1



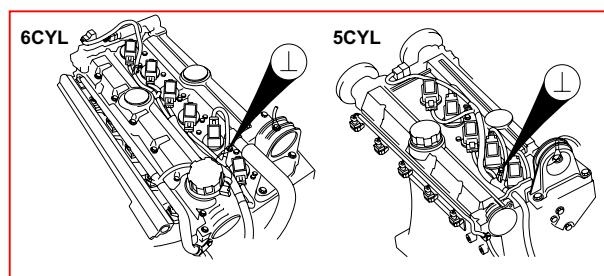
31/88 Ground connection, engine ignition coils, 6-cyl.



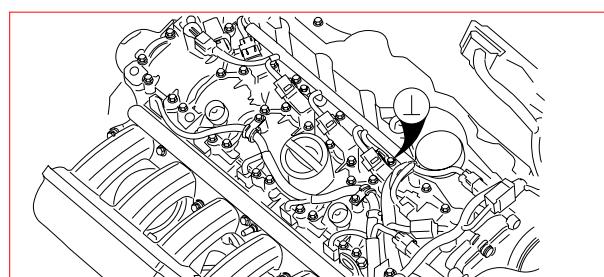
31/88 Ground connection, engine ignition coils, 8-cyl.



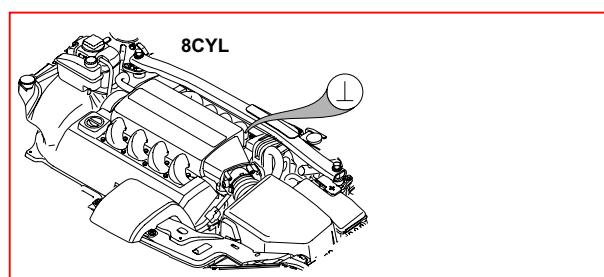
31/89 Ground connection, engine ignition coils, group 2



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



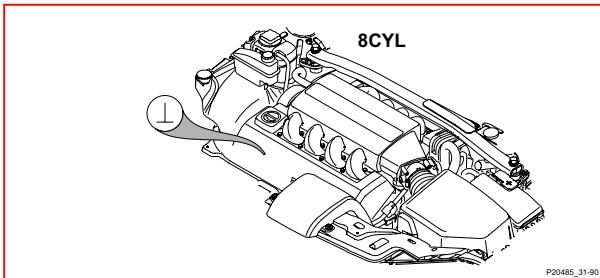
31/89 Ground connection, engine ignition coils, 8-cyl.



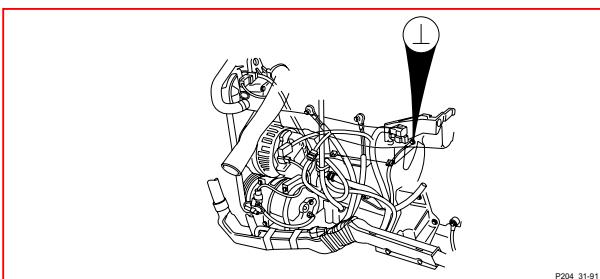
Component illustrations

31/90 - 31/96 XC90

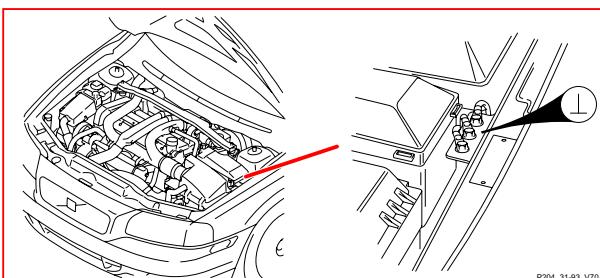
31/90 Ground connection, engine ignition coils, 8-cyl.



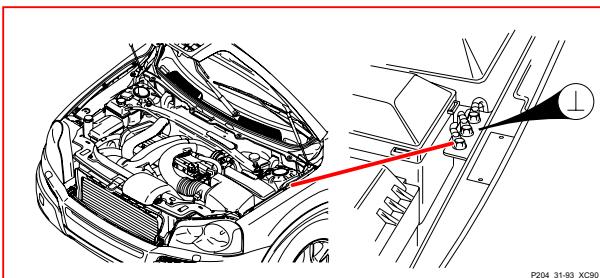
31/91 Ground connection, engine



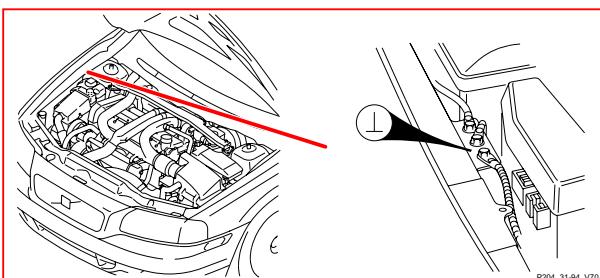
31/93 Ground connection, left MacPherson strut tower V70



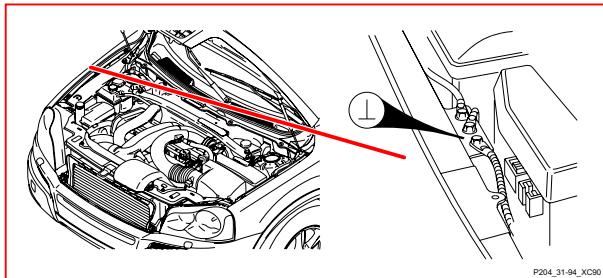
31/93 Ground connection, left MacPherson strut tower XC90



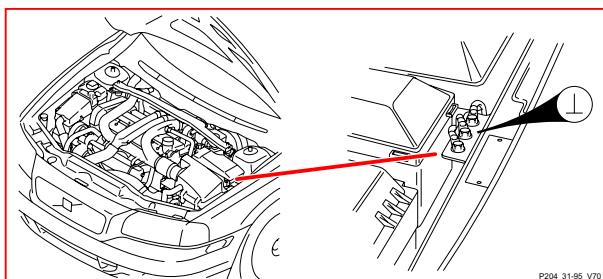
31/94 Ground connection, right MacPherson strut tower V70



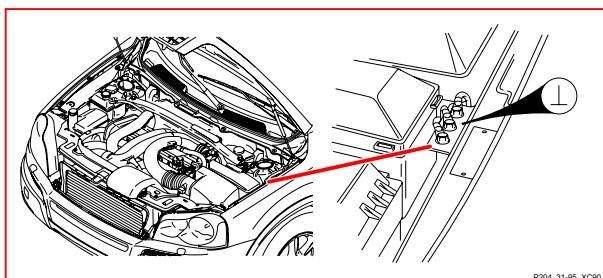
31/94 Ground connection, right MacPherson strut tower XC90



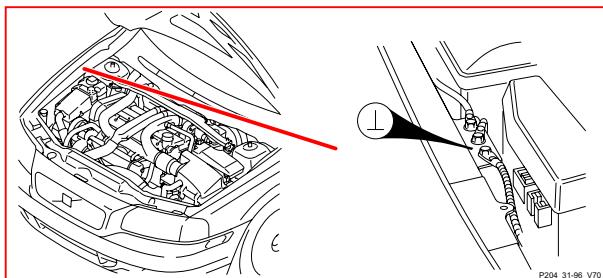
31/95 Ground connection, left MacPherson strut tower V70



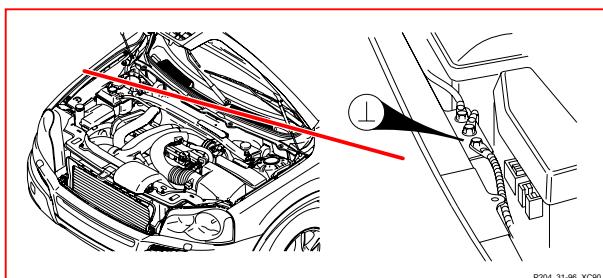
31/95 Ground connection, left MacPherson strut tower XC90



31/96 Ground connection, right MacPherson strut tower V70



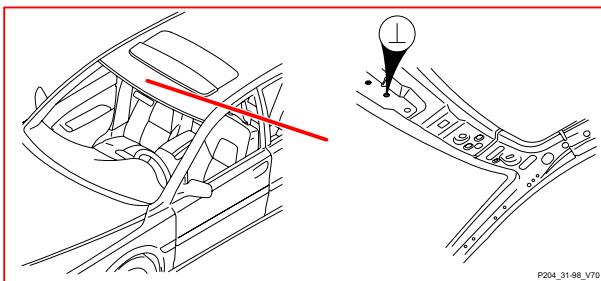
31/96 Ground connection, right MacPherson strut tower XC90



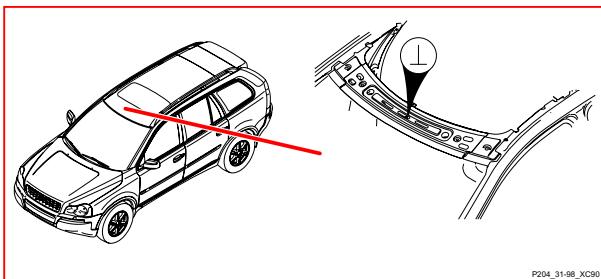
Component illustrations

31/98 V70 - 54/1B XC90

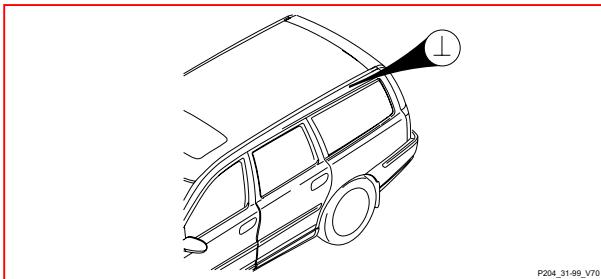
31/98 Ground connection, upper windshield member V70



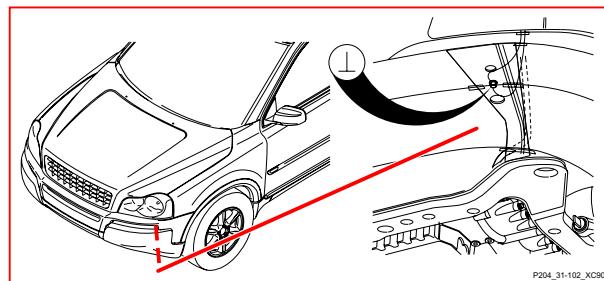
31/98 Ground connection, upper windshield member XC90



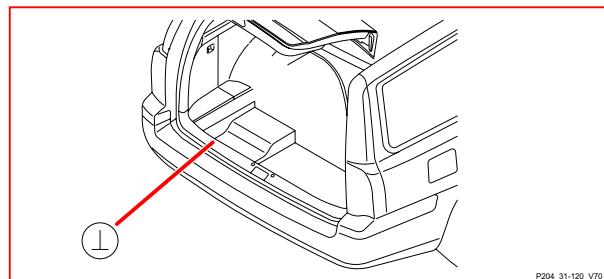
31/99 Ground connection, Side window left



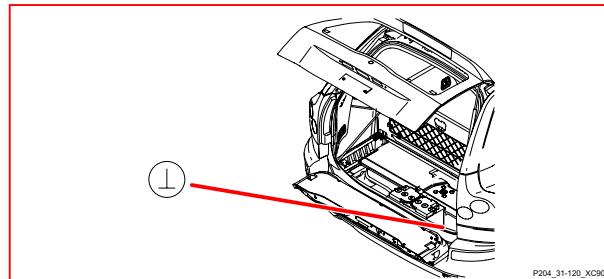
31/102 Ground connection, front member XC90



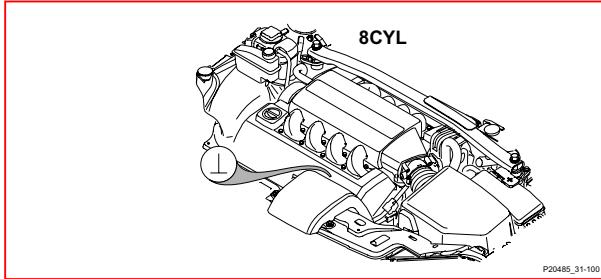
31/120 Ground connection, cargo compartment V70



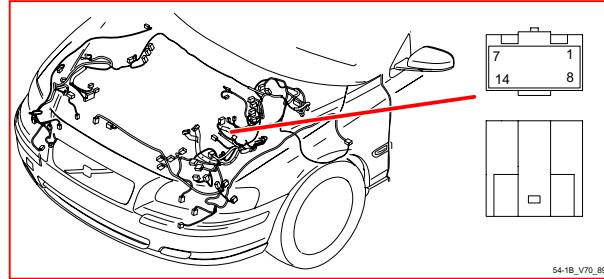
31/120 Ground connection, cargo compartment XC90



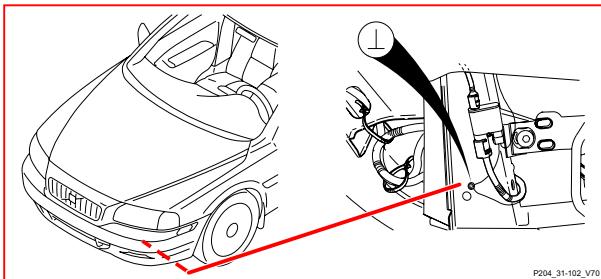
31/100 Engine ignition coils, 8-cyl.



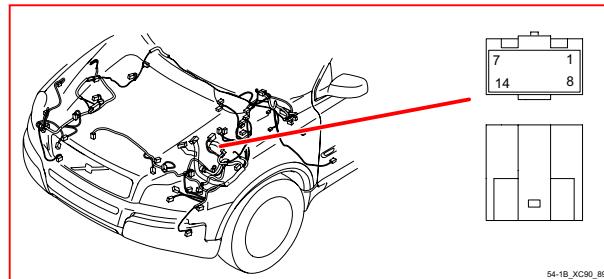
54/1B Connector V70



31/102 Ground connection, front member V70



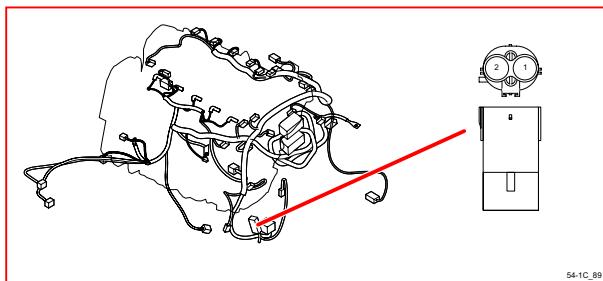
54/1B Connector XC90



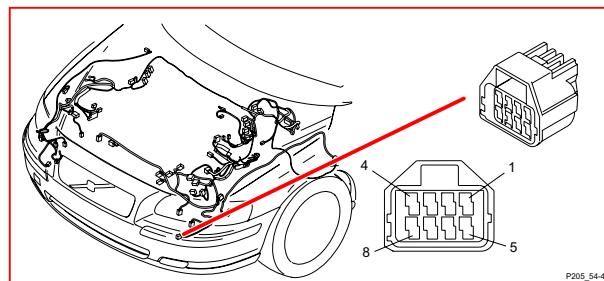
Component illustrations

54/1C - 54/9 V70

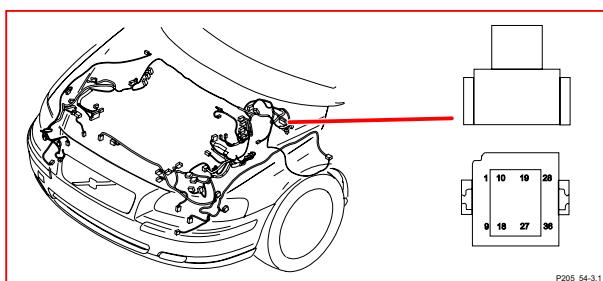
54/1C Connector



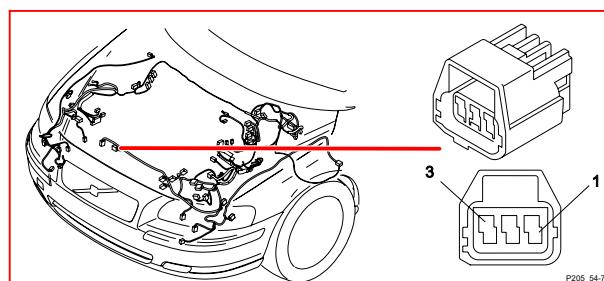
54/4 Connector



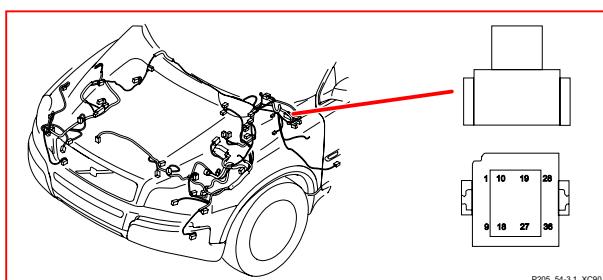
54/3.1 Connector V70



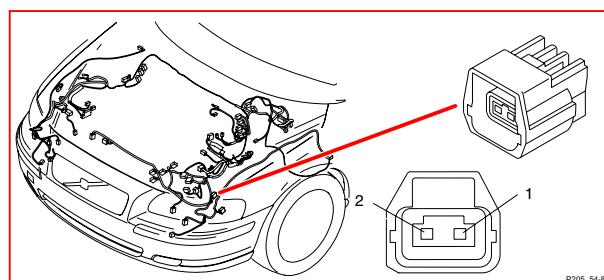
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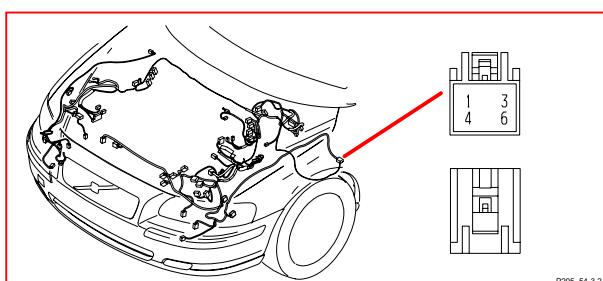
54/3.1 Connector XC90



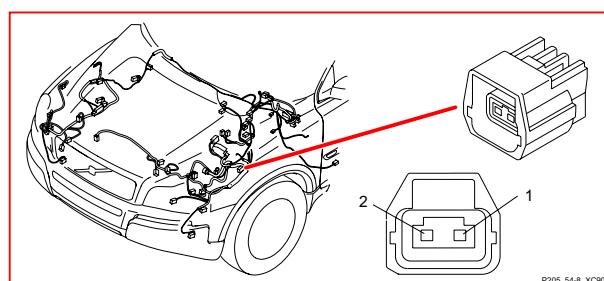
54/8 Connector V70



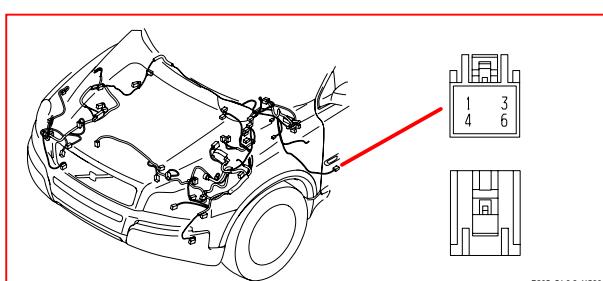
54/3.2 Connector V70



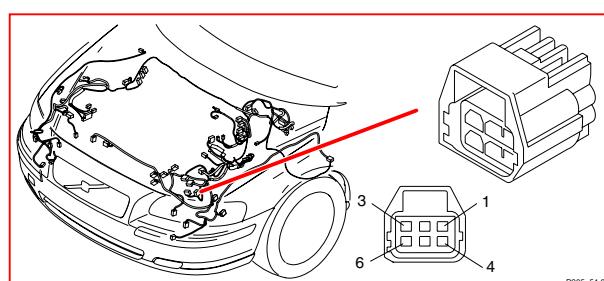
54/8 Connector XC90



54/3.2 Connector XC90



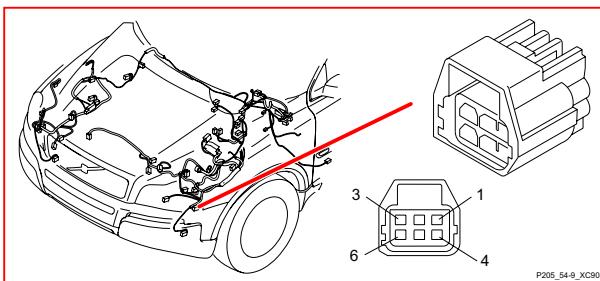
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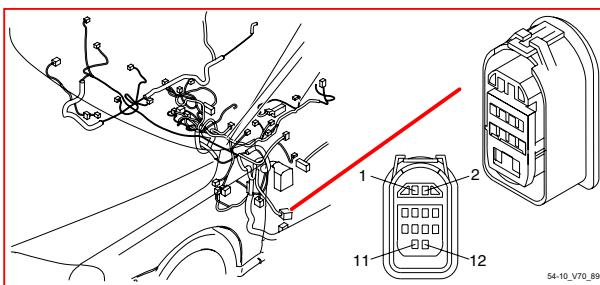
Component illustrations

54/9 - 54/14

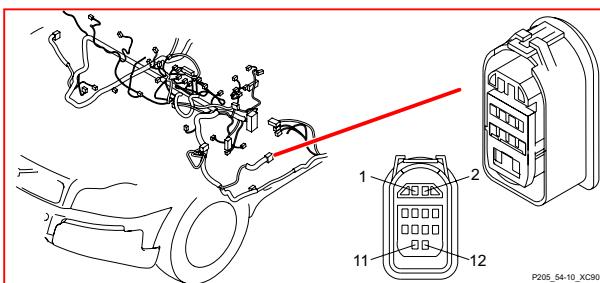
54/9 Connector XC90



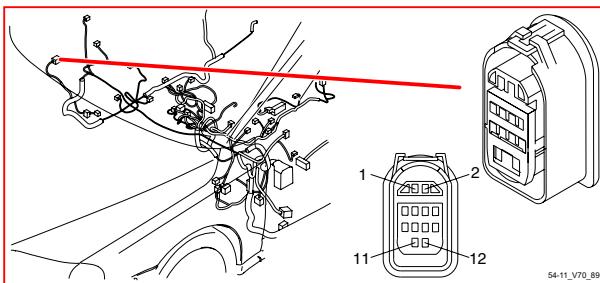
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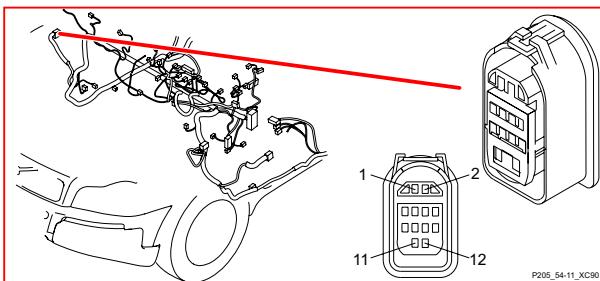
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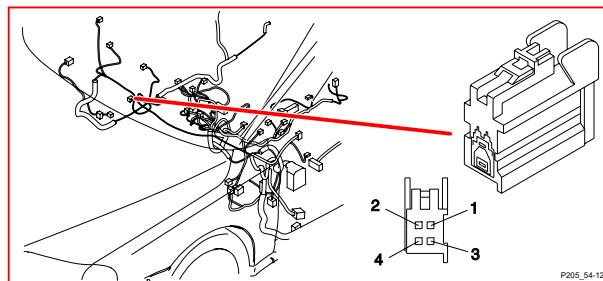
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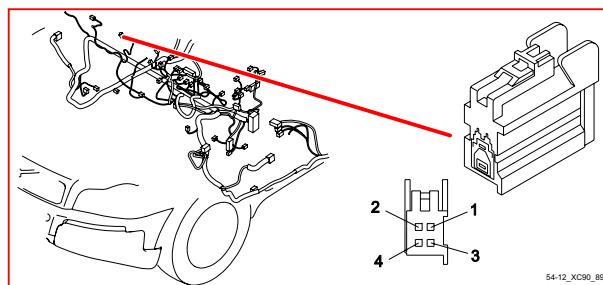
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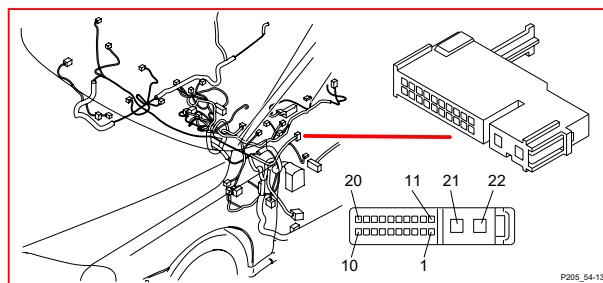
54/12 Connector V70



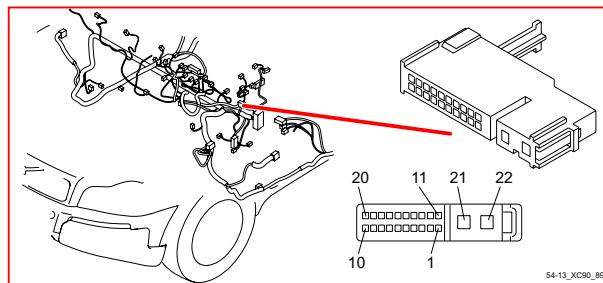
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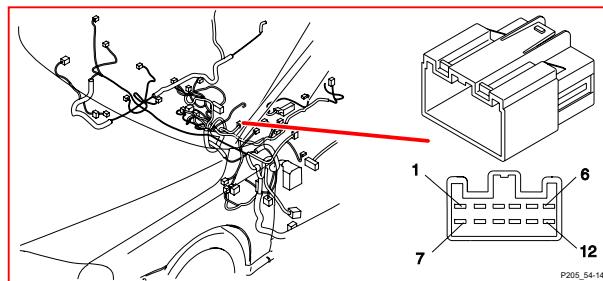
54/13 Connector V70



54/13 Connector XC90



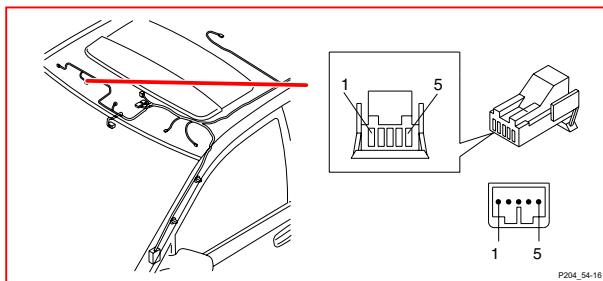
54/14 Connector



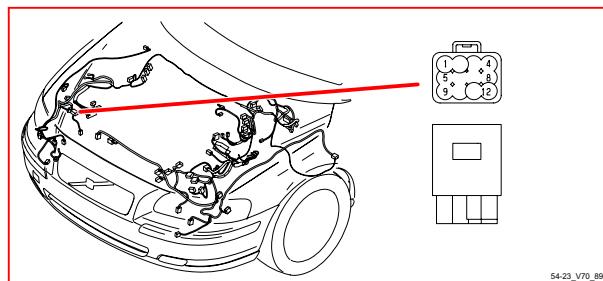
Component illustrations

54/16 - 54/32

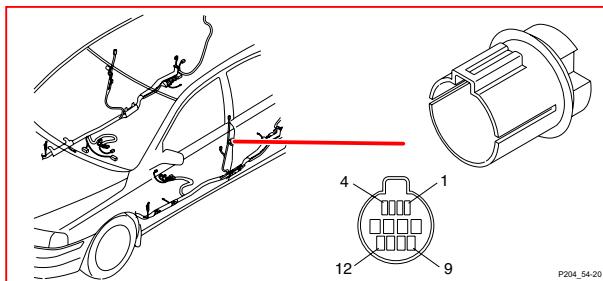
54/16 Connector



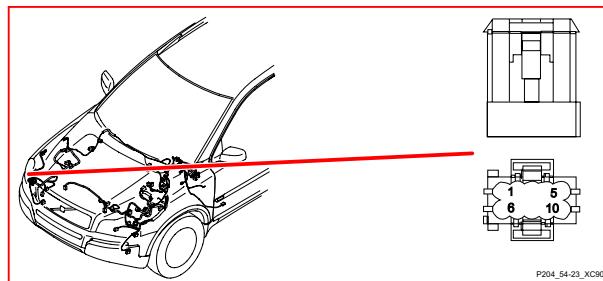
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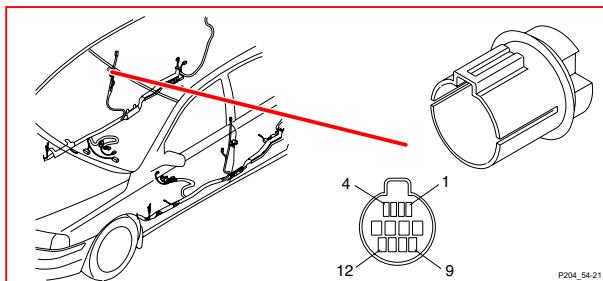
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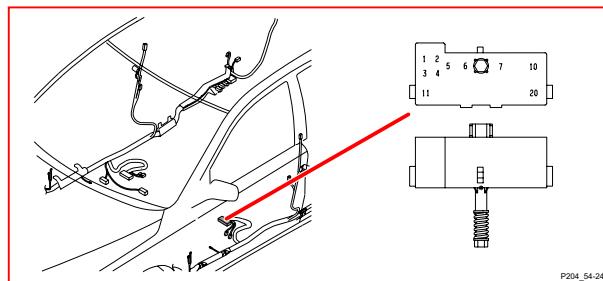
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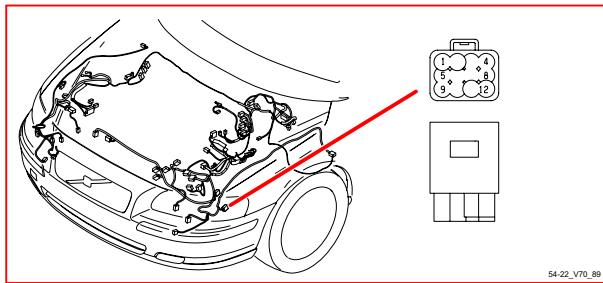
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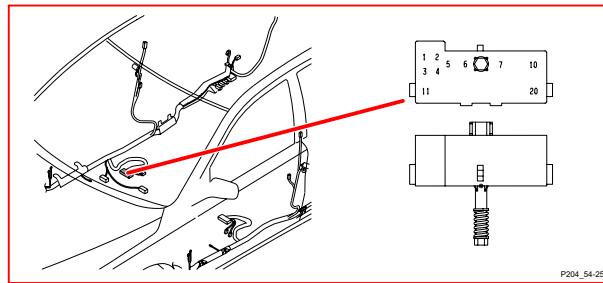
54/24 Connector



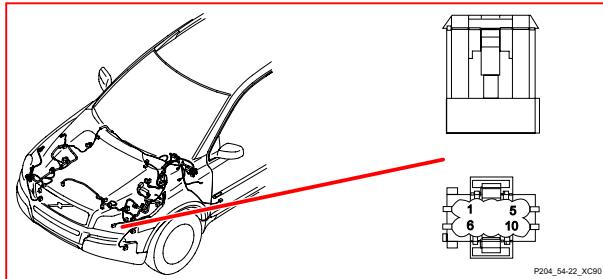
54/22 Connector V70



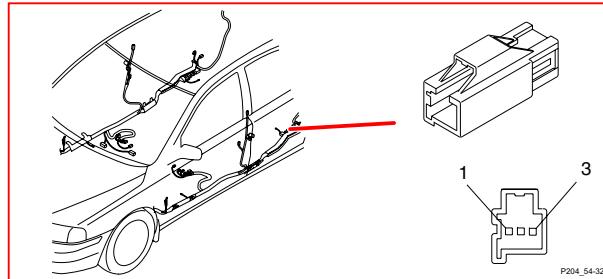
54/25 Connector



54/22 Connector XC90



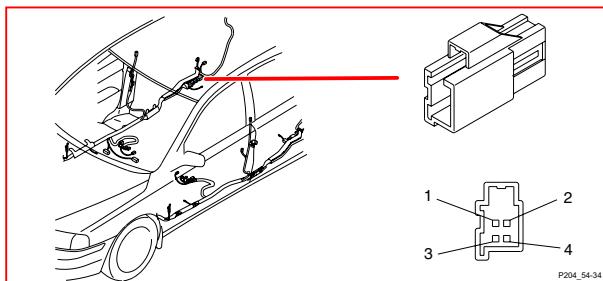
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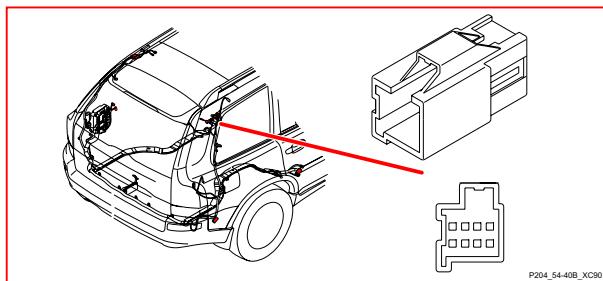
Component illustrations

54/34 - 54/43B

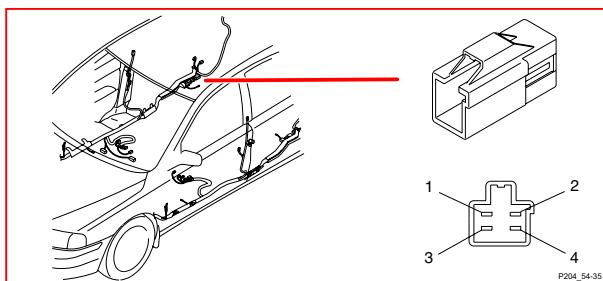
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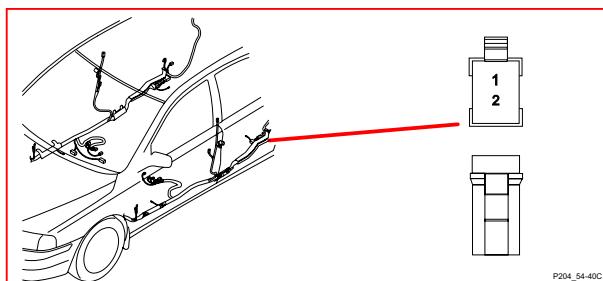
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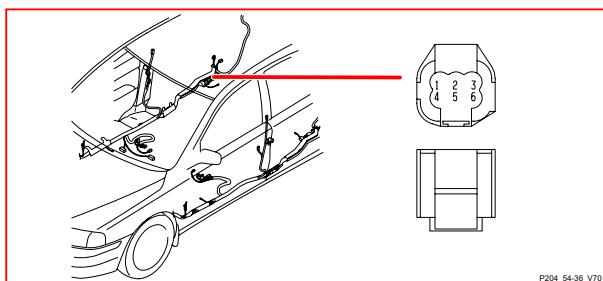
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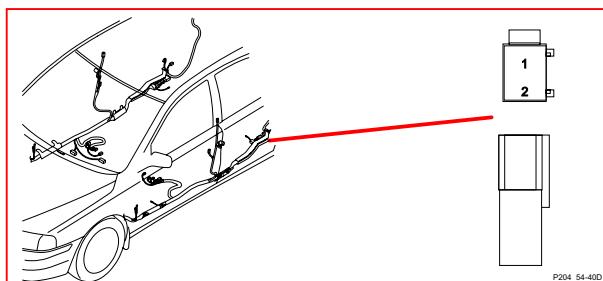
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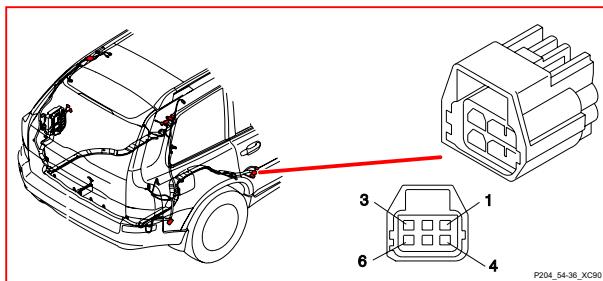
54/36 Connector V70



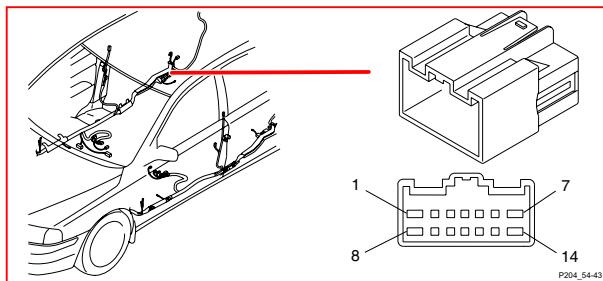
54/40D Connector



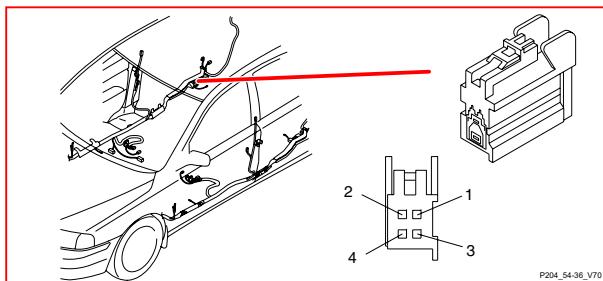
54/36 Connector XC90



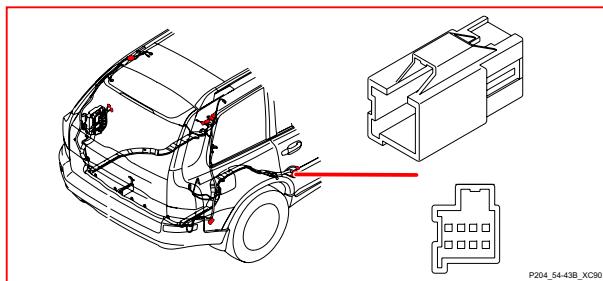
54/43 Connector V70



54/39 Connector



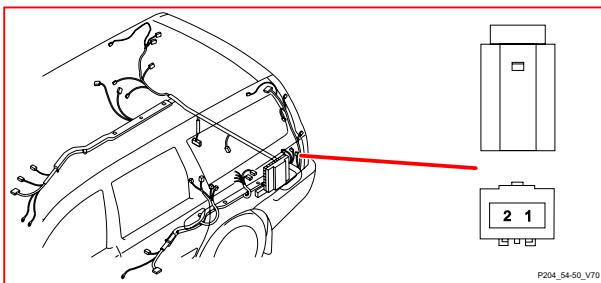
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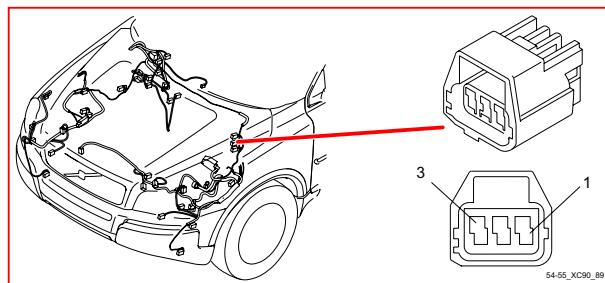
Component illustrations

54/50 - 54/57.1 XC90

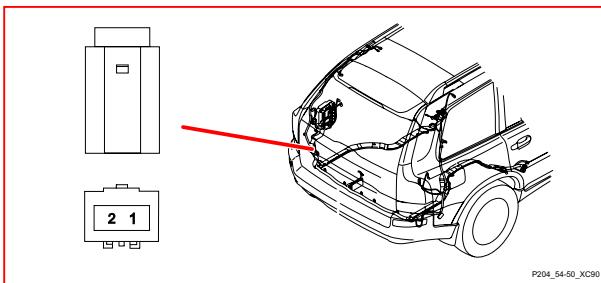
54/50 Connector V70



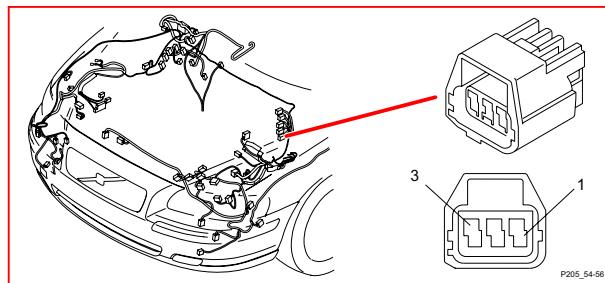
54/55 Connector XC90



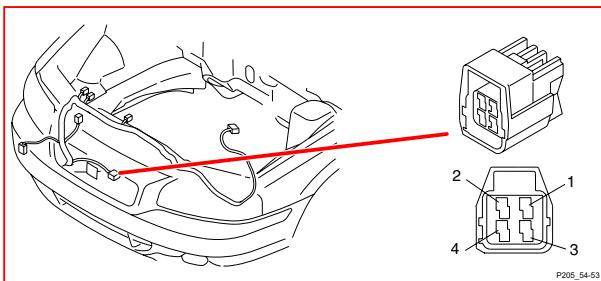
54/50 Connector XC90



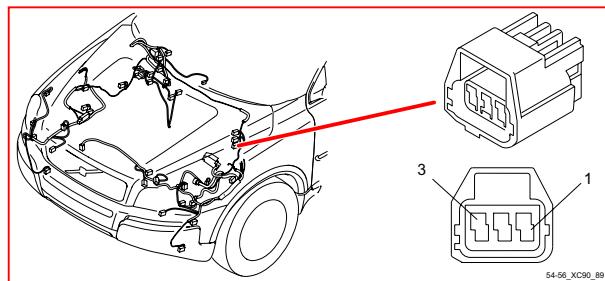
54/56 Connector V70



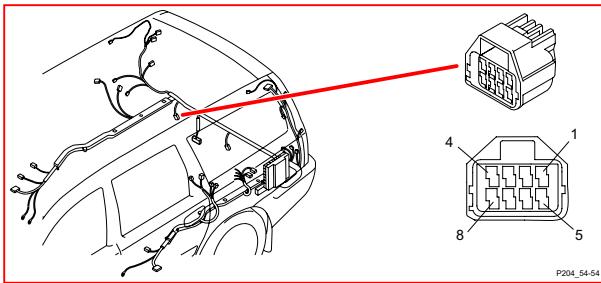
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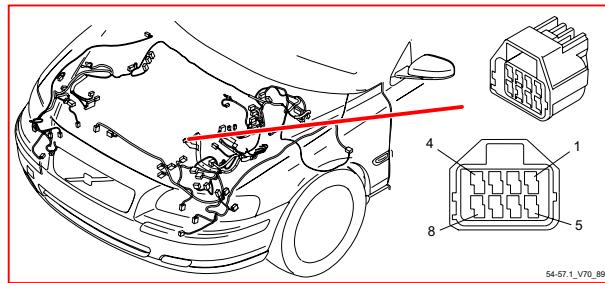
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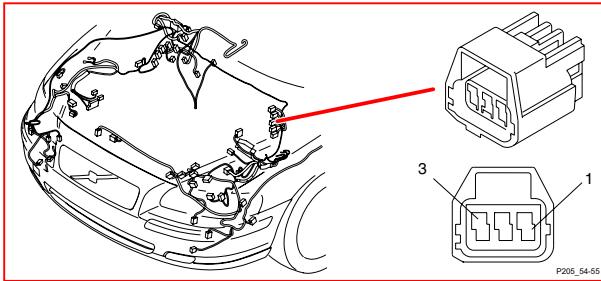
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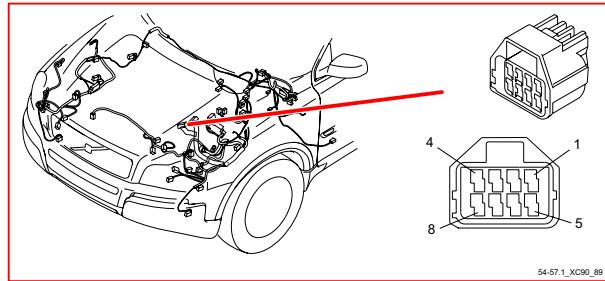
54/57.1 Connector V70



54/55 Connector V70



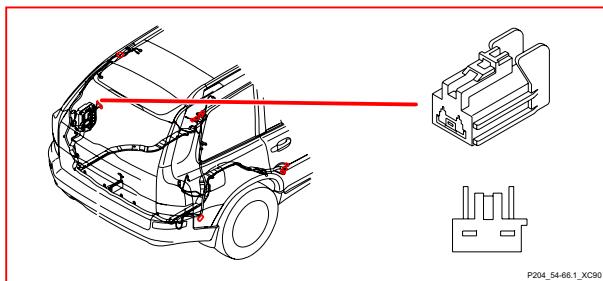
54/57.1 Connector XC90



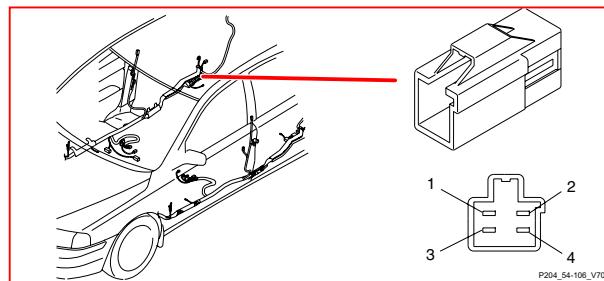
Component illustrations

54/66.1 XC90 - 54/117

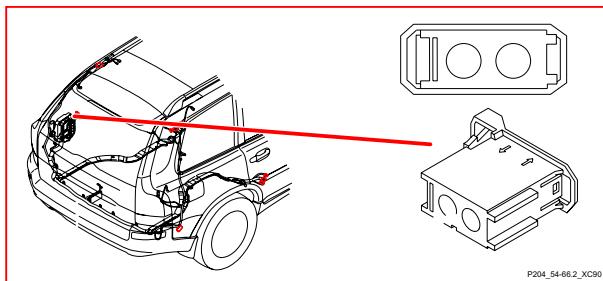
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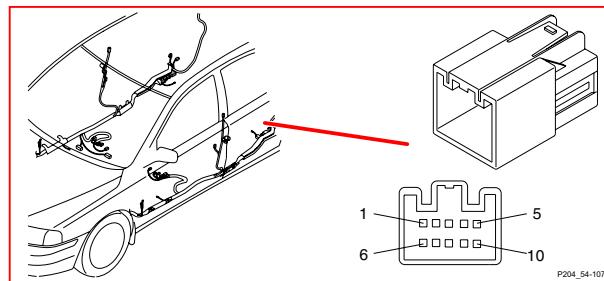
54/106 Connector



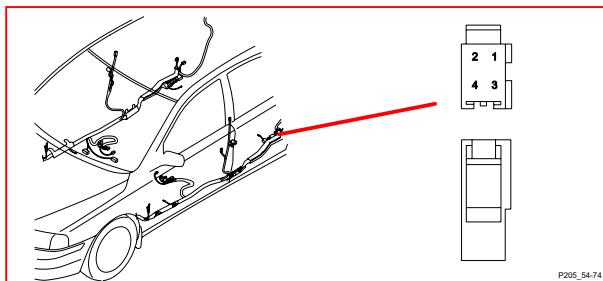
54/66.2 Connector



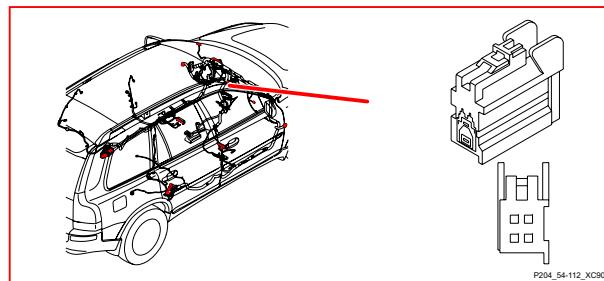
54/107 Connector



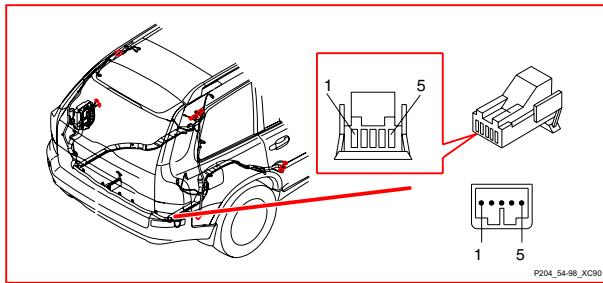
54/74 Connector



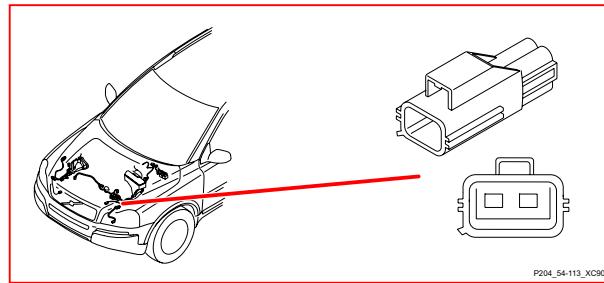
54/112 Connector



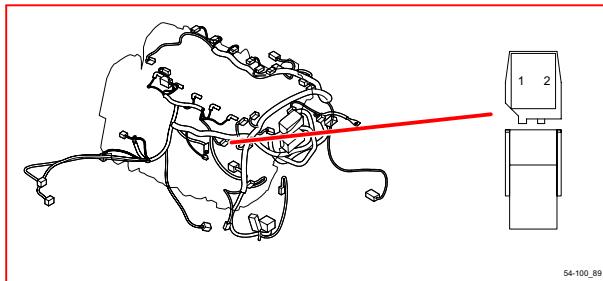
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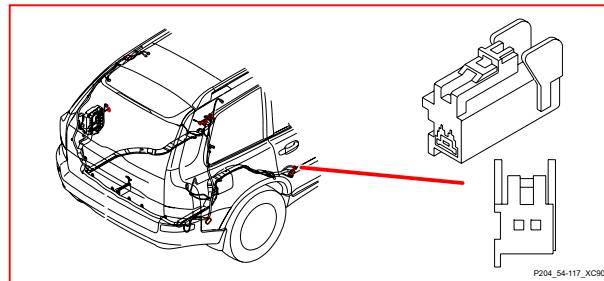
54/113 Connector



54/100 Connector



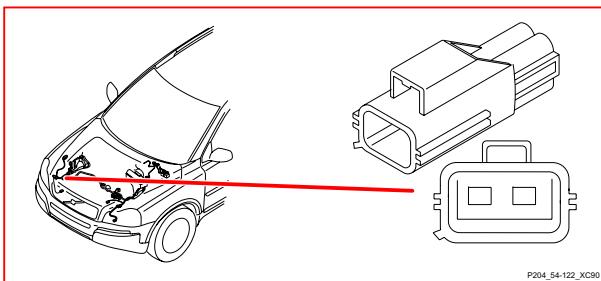
54/117 Connector



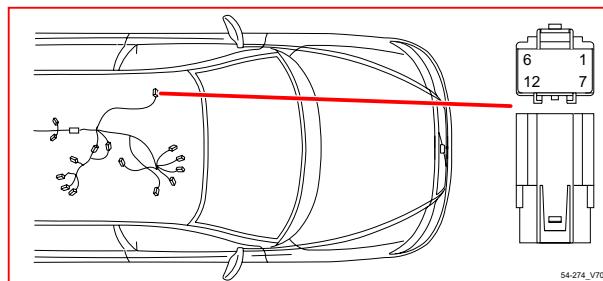
Component illustrations

54/122 - 54/1300 V70

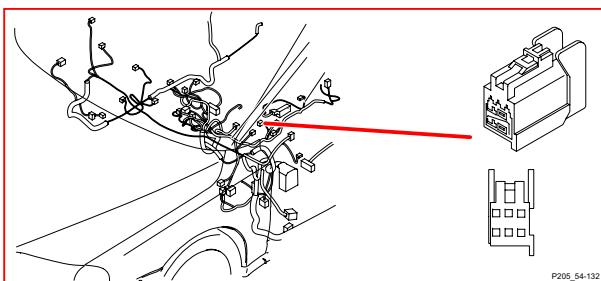
54/122 Connector



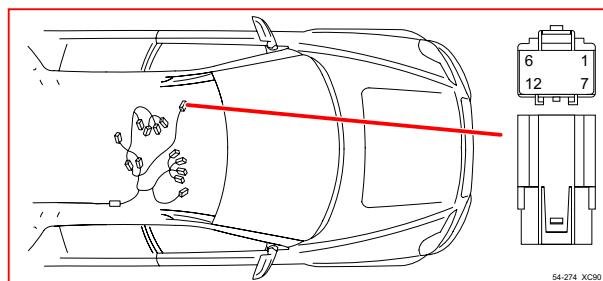
54/274 Connector V70



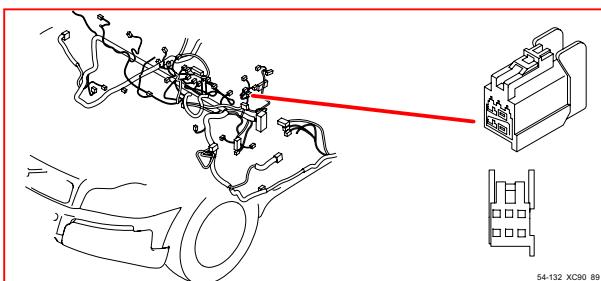
54/132 Connector V70



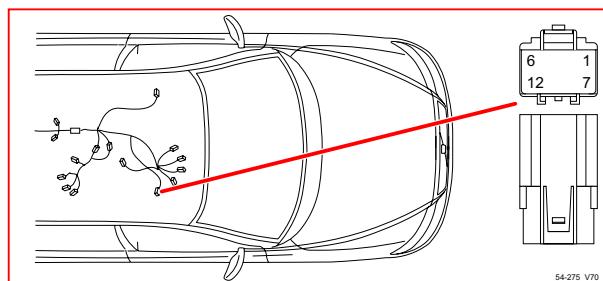
54/274 Connector XC90



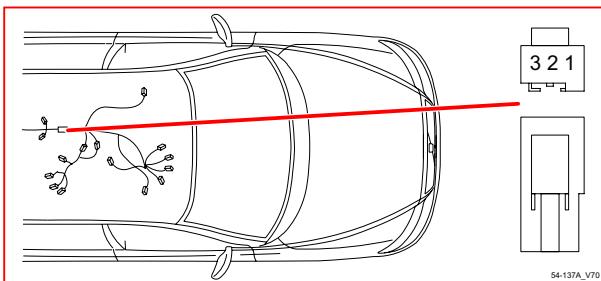
54/132 Connector XC90



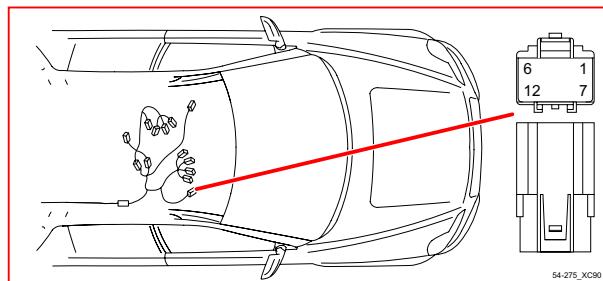
54/275 Connector V70



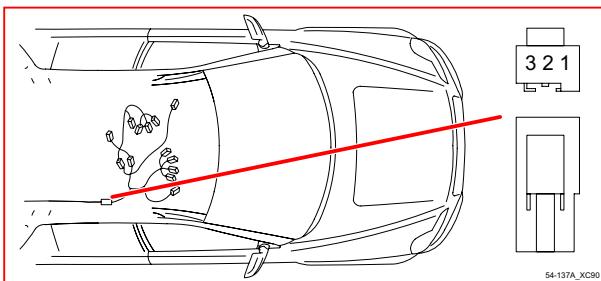
54/137A Connector V70



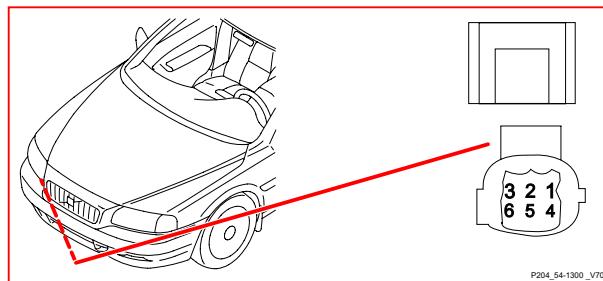
54/275 Connector XC90



54/137A Connector XC90



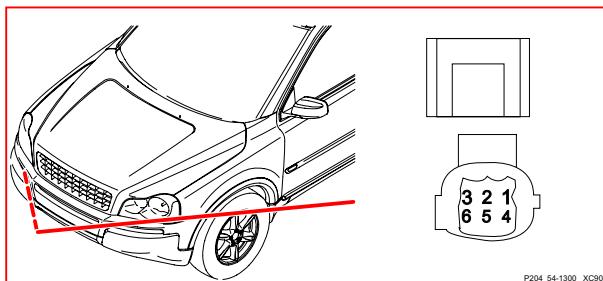
54/1300Connector V70



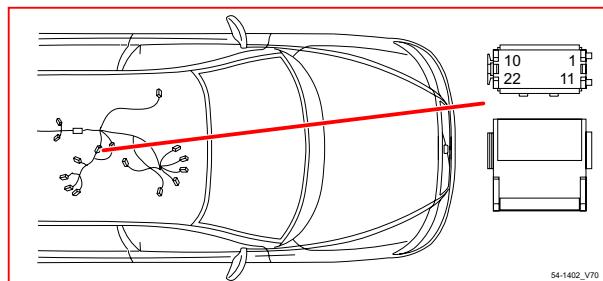
Component illustrations

54/1300 V70 - A1

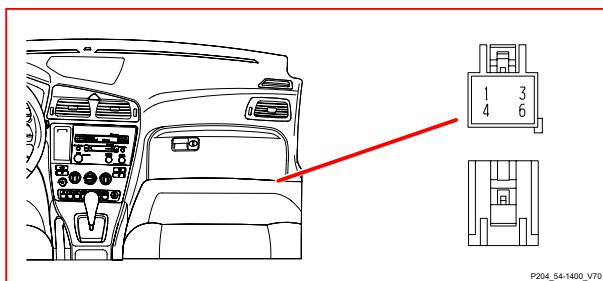
54/1300Connector XC90



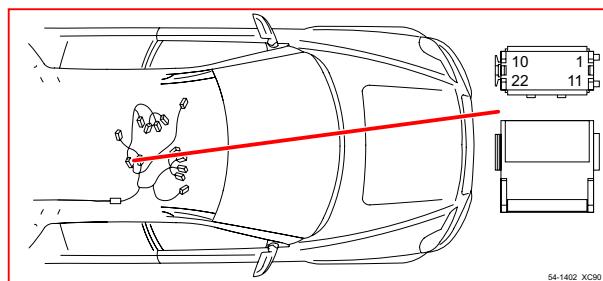
54/1402 Connector V70



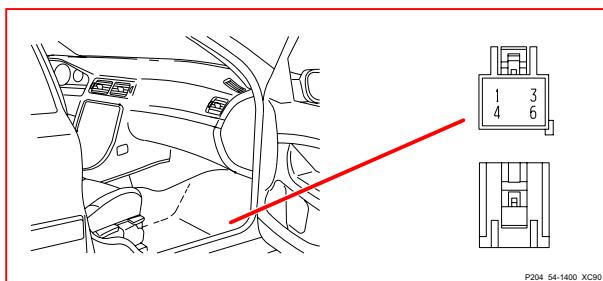
54/1400Connector V70



54/1402 Connector XC90

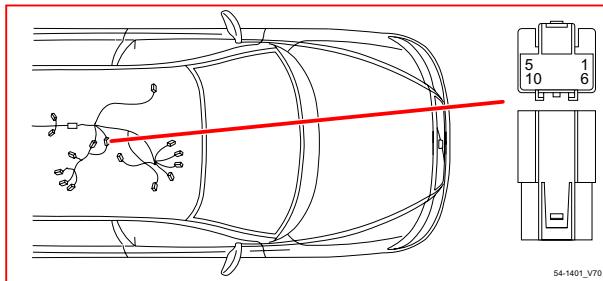


54/1400Connector XC90



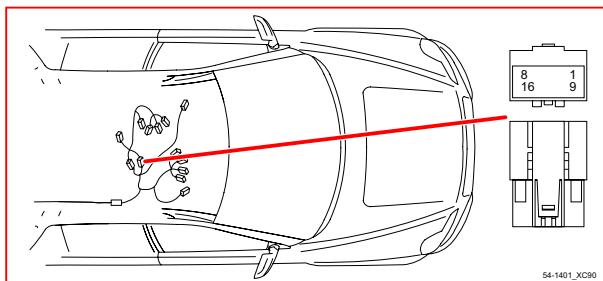
- 4X/78 Connector interface, original car
- 9X/25 Connector interface, original car
- 16X/1 Connector interface, original car
- 16X/26 Connector interface, original car
- 16X/45 Connector interface, original car
- 16X/57 Connector interface, original car
- 16X/58 Connector interface, original car
- 16X/105 Connector interface, original car
- 16X/108 Connector interface, original car
- 54X/no. Connector interface, original car

54/1401 Connector V70



A1 Connecting rail to 15/31

54/1401 Connector XC90



Index 1:2

12V outlet 112

A

Abbreviations 7
Accessories 94, 107, 108, 109, 110, 114, 115, 116, 129, 130, 131, 132, 133, 134, 135, 136, 137, 139, 140, 142, 143, 144, 145, 148, 175, 176, 177, 178
Accessory Electronic Module (AEM) 109, 110
Active headlights (ABL) 83
Additional electrical equipment, Group 36 95
AEM & Parking camera XC90 108
Alternator and voltage regulator, Group 32 78
Anti-theft alarm V70 104
Anti-theft alarm XC90 105
Audio Performance XC90 127
Audio V70 123
Audio with auxiliary amplifier V70 124
Audio XC90 126
Automatic transmission 149, 150, 151
Auxiliary heater 174, 178
Auxiliary lights 94

B

Beam length adjustment V70 92
Beam length adjustment XC90 93
Bi-Fuel harnesses V70 243
Bi-Xenon V70 81
Bi-Xenon XC90 82
Brake control system 155
Brake lights 85
Brake system, Group 59 155
Branching points 213

C

Cable harness tow hitch, 4/7-pin 114
Cable harnesses 226, 227
Cargo compartment harness V70 237
Cargo compartment harness XC90 238
CD changer V70 135, 136
Cellular phone V70 138
Central Electronic Module (CEM) 46
Central locking system V70 158
Central locking system XC90 159
Climate control system 170
Climate control system, Group 87 169
Climate control system, I5D & 8-cyl. 172
Color abbreviations 7
Component illustrations 246
Connectors 182
Control module overview designations V70 43
Control module overview positions V70 42
Control module overview positions XC90 44
Control modules 42
Control modules overview designations XC90 45
Cooling fan 74
Cooling fan, Diesel, 6-cyl. & 8-cyl. 75
Cooling system, Group 26 74
Countries/Markets, abbreviations 7
Cruise control 76

D

Data communication high speed CAN 50
Data communication LIN 54
Data communication low speed CAN V70 52, 53
Daytime running lights V70 81
Daytime running lights XC90 82
Diagnostics system 111

Differential Electronic Module (DEM) 154
Direction indicators V70 96
Direction indicators XC90 97
Door harness V70 241
Door harness XC90 242
Doors and openings, Group 83 158
Driver information module 118, 119, 120, 122
Driver information module, 6-cyl. 121

E

Electrical distribution overview V70 10
Electrical distribution overview XC90 12
Electronic immobilizer 103
Electronic power steering 156
Emission control, 5-cyl. 70
Emission control, 5-cyl. Turbo 71
Emission control, 6-cyl. 72
Emission control, 8-cyl. 73
Engine compartment harness LHD V70 229
Engine compartment harness LHD XC90 231
Engine compartment harness RHD V70 230
Engine compartment harness RHD XC90 232
Engine control, Group 27 76
Engine harness, Diesel 228
Engine harness, Gasoline 226
Engine harness, Gasoline 6-cyl. 227
Engine management system, 5-cyl. 60
Engine management system, 5-cyl. Turbo 62
Engine management system, 6-cyl. 64
Engine management system, Bi-Fuel 66
Engine management system, Diesel 57
Explanations 7
Exterior decorative elements, etc., Group 84 162

F

Fog lights 84
Follow-me-home lighting 87
Four-C V70 157
Fuel system, Group 23 57
Fuses 14
Fuses by battery, 11E 23
Fuses in electrical distribution box, engine compartment 14
Fuses in engine compartment, 11A 14
Fuses in engine compartment, 11B 15
Fuses in passenger compartment, 11C 23, 24
Fuses in the passenger compartment, 11C 19

G

Geartronic 152
Ground connections 33
Groups 7

H

Handsfree MAX 133
Handsfree V70 131
Handsfree XC90 132
Hazard warning flashers V70 96
Hazard warning flashers XC90 97
Heated exterior rearview mirrors 164
Heated exterior rearview mirrors with camera function 163
Heated rear window 165
Heated seats 168
High and low beams (Bi-Xenon) XC90 82
High and low beams V70 81
High pressure headlight washer 100

Index 2:2

Horn	102
How to use the wiring diagrams	8
I	
Ignition switch and relays	30
Ignition switch symbols	7
Inflatable curtain harness V70	239
Infotainment XC90	141
Instruments, Group 38	117
Interior equipment, Group 85	166
Interior lighting V70	90
Interior lighting XC90	91
Internal equipment, Group 88	179, 244, 245
L	
License plate lighting V70	88
License plate lighting XC90	89
Lighting, Group 35	81
List of components	328
List of symbols	9
M	
MP3 player	137
N	
Navigation system	129
O	
Other, Group 39	123
P	
Parking assistance	106
Parking camera XC90	107
Parking heater	174
Parking heater call start	177
Passenger compartment harness LHD XC90	235
Passenger compartment harness RHD V70	234
Passenger compartment harness RHD XC90	236
Passenger compartment harness LHD V70	233
Power driver's seat	166
Power exterior rearview mirrors	162
Power passenger seat	167
Power sunroof	161
Power supply	78
Power windows	160
R	
Rain sensor	95

Rear climate control system XC90	169
Rear Electronic Module (REM)	48
Rear Seat Entertainment V70	144
Rear seat entertainment V70	244
Rear Seat Entertainment XC90	148
Rear seat entertainment XC90	245
Relay, electric engine heater	175
Relays	30
Relays, general	30
Remote garage door opener	179
Remote parking heater start	176
Reversing lights	86
Road Traffic Information module (RTI)	128, 130
Roof harness	239
Roof harness XC90	240
Running/parking lights V70	88
Running/parking lights XC90	89
S	
Satellite radio	142, 143
Seat belt reminder	117
Shift lock	153
Shock absorbers, Group 76	157
SRS	180, 181
Starting system	79
Starting system, Diesel, 6-cyl. & 8-cyl.	80
Starting system, Group 33	79, 80
Steering, Group 64	156
Subwoofer	139, 140
Supplemental Restraint System module (SRS) V70	180
Supplemental Restraint System module (SRS) XC90	181

T	
Table of Contents	3
Tail lights V70	88
Tail lights XC90	89
Tailgate harness V70	239
Tailgate harness XC90	240
Tow hitch cable harness, 13-pin	116
Tow hitch cable harness, 4-pin	113
Tow hitch cable harness, 7-pin	115
Transmission, Group 43	149
Turn-by-Turn	129

W	
Wiper/washer Headlights V70	99
Wiper/washer Rear window	101
Wiper/washer Windshield	98
Wiring and fuses, Group 37	111

List of components 1:9

1/1	Battery V70	3/78	Lock unit, tailgate XC90
1/1	Battery XC90	3/80	Switch, central locking, left V70
2/22	Relay, climate control system	3/80	Switch, central locking, left XC90
2/32	Main relay, engine management system	3/82	Switch, central locking, right V70
2/35	Relay, starter motor	3/85	Switch, central locking, right XC90
2/64	Auxiliary light relay V70	3/85	Power window switch, left rear door V70
2/64	Auxiliary light relay XC90	3/86	Power window switch, left rear door XC90
2/90	Relay, windshield wiper, low/high speed	3/86	Power window switch, right rear door V70
2/91	Relay, intermittent wiping	3/91	Power window switch, right rear door XC90
2/138	Deadlock relay, left rear door V70	3/91	Switch, left heated seat V70
2/138	Deadlock relay, left rear door XC90	3/92	Switch, left heated seat XC90
2/139	Deadlock relay, right rear door V70	3/92	Switch, right heated seat V70
2/139	Deadlock relay, right rear door XC90	3/93	Switch, right heated seat XC90
2/182	Relay, high pressure headlight washer motor	3/93	Belt buckle contact, left seat V70
2/191	Relay, remote parking heater start, radio signal	3/94	Belt buckle contact, left seat XC90
2/192	Relay, electric engine heater V70	3/94	Belt buckle contact, right seat V70
2/192	Relay, electric engine heater XC90	3/95	Belt buckle contact, right seat XC90
2/238	Relay, audio disconnection	3/111	Spin control switch V70
3/1	Ignition switch V70	3/111	Spin control switch XC90
3/1	Ignition switch XC90	3/112	Light Switch Module (LSM) V70
3/4	Steering Wheel Switch Left (SWSL) V70	3/112	Light Switch Module (LSM) XC90
3/4	Steering Wheel Switch Left (SWSL) XC90	3/117	Climate Control Module (CCM) V70
3/6	Switch, hazard warning flashers	3/117	Climate Control Module (CCM) XC90
3/8	Switch, heated rear window/exterior rearview mirrors V70	3/126	Ceiling light switch unit V70
3/8	Switch, heated rear window/exterior rearview mirrors XC90	3/126	Ceiling light switch unit XC90
3/9	Brake light contact V70	3/127	Driver/Passenger Door Module (DDM)/(PDM) V70
3/9	Brake light contact XC90	3/127	Driver/Passenger Door Module (DDM)/(PDM) XC90
3/10	Reversing light contact	3/127	Passenger/Driver Door Module (PDM)/(DDM) V70
3/25	Power sunroof switch V70	3/131	Passenger/Driver Door Module (PDM)/(DDM) XC90
3/25	Power sunroof switch XC90	3/131	Steering Wheel Switch Right (SWSR) V70
3/26	Switch unit, power driver's seat	3/135	Steering Wheel Switch Right (SWSR) XC90
3/27	Switch unit, power passenger seat	3/155	RTI switch
3/37	Horn contact V70	3/155	Program selector, automatic transmission V70
3/37	Horn contact XC90	3/155	Program selector, automatic transmission XC90
3/47	Parking brake contact V70	3/156	Gear Selector Module (GSM) V70
3/47	Parking brake contact XC90	3/156	Gear Selector Module (GSM) XC90
3/59	Headlight adjustment control V70	3/156	Switch, passenger side airbag V70
3/59	Headlight adjustment control XC90	3/157	Switch, passenger side airbag XC90
3/60	Auxiliary light switch V70	3/157	Switch, retractable exterior rearview mirrors V70
3/60	Auxiliary light switch XC90	3/171	Switch, retractable exterior rearview mirrors XC90
3/62	Hood alarm contact V70	3/171	Switch, tailgate private lock V70
3/62	Hood alarm contact XC90	3/173	Switch, tailgate private lock XC90
3/71	Gear selector contacts AW51	3/173	Switch, reduced alarm V70
3/73	Switch, child safety lock PCL V70	3/174	Switch, reduced alarm XC90
3/73	Switch, child safety lock PCL XC90	3/174	Switch unit continuous damping control (CCD)
3/74	Lock unit, left front door V70	3/174	Steering Wheel Module (SWM)
3/74	Lock unit, left front door XC90	3/174	Position sensor, driver's seat
3/75	Lock unit, right front door V70	3/225	Position sensor, passenger seat
3/75	Lock unit, right front door XC90	3/254	Switch unit, telematics
3/76	Lock unit, left rear door V70	3/255	
3/76	Lock unit, left rear door XC90	3/255	
3/77	Lock unit, right rear door V70	3/256	
3/77	Lock unit, right rear door XC90	3/267	
3/78	Lock unit, tailgate V70		

List of components 2:9

4/7	Combustion Preheater Module (CPM) V70	6/15	Sunroof motor XC90
4/7	Combustion Preheater Module (CPM) XC90	6/16	Motor driver's seat, backrest angle
4/9	Supplemental Restraint System module (SRS)	6/17	Motor driver's seat, up/down front edge
4/16	Brake Control Module (BCM) V70	6/18	Motor driver's seat, up/down rear edge
4/16	Brake Control Module (BCM) XC90	6/19	Motor driver's seat, fore/aft
4/28	Transmission Control Module (TCM) TF-80SC	6/20	Motor passenger seat, fore/aft
4/28	Transmission Control Module (TCM) V70	6/25	Starter motor V70
4/28	Transmission Control Module (TCM) XC90	6/25	Starter motor XC90
4/31	Fan control module	6/26	Alternator Control Module (ACM) V70
4/33	Sun Roof Module (SRM) V70	6/26	Alternator Control Module (ACM) XC90
4/33	Sun Roof Module (SRM) XC90	6/28	Motor, passenger compartment fan
4/46	Engine Control Module (ECM) V70	6/29	Motor, electric cooling fan
4/46	Engine Control Module (ECM) XC90	6/29	Cooling fan motor, Diesel
4/46	Engine Control Module (ECM), 6-cyl.	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), Diesel	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)	6/35	Fuel pump, auxiliary heater XC90
4/58	Rear Electronic Module (REM) V70	6/37	Lock motor, fuel filler flap V70
4/58	Rear Electronic Module (REM) XC90	6/37	Lock motor, fuel filler flap XC90
4/58	Rear Electronic Module (REM) A-G	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	6/44	Cooling fan, electrics box, engine compartment XC90
4/71	Cooling fan control module V70	6/48	Damper Motor Module (DMM), recirculation
4/71	Cooling fan control module XC90	6/58	Front left power window motor V70
4/71	Cooling fan control module, Diesel	6/58	Front left power window motor XC90
4/76	Remote control unit for garage door opener	6/60	Front right power window motor V70
4/78	Accessory Electronic Module (AEM) V70	6/60	Front right power window motor XC90
4/78	Accessory Electronic Module (AEM) XC90	6/62	Left power exterior rearview mirror V70
4/82	Differential Electronic Module (DEM) V70	6/62	Left power exterior rearview mirror XC90
4/82	Differential Electronic Module (DEM) XC90	6/63	Right power exterior rearview mirror V70
4/83	Fuel pump control module V70	6/63	Right power exterior rearview mirror XC90
4/83	Fuel pump control module XC90	6/64	Motor passenger seat, backrest angle
4/84	Suspension Module (SUM)	6/65	Motor passenger seat, up/down front edge
4/86	Parking Assistance Module (PAM) V70	6/66	Motor passenger seat, up/down rear edge
4/86	Parking Assistance Module (PAM) XC90	6/67	Pump, fuel leakage control V70
4/99	Electronic power steering control module	6/67	Pump, fuel leakage control XC90
4/106	Control module, remote parking heater start	6/69	Damper Motor Module (DMM), ventilation/floor/defroster
4/107	Control module, parking heater, Call start	6/71	Valve, speed-dependent power steering
4/109	Glow plug control module	6/73	Coolant pump, auxiliary heater V70
4/110	Trailer module V70	6/73	Coolant pump, auxiliary heater XC90
4/110	Trailer module XC90	6/76	Climate control system, rear
4/118	Headlight Control Module (HCM)	6/92	Rear left power window motor V70
4/120	Parking Assistance Camera module (PAC)	6/92	Rear left power window motor XC90
5/1	Driver Information Module (DIM) V70	6/93	Rear right power window motor V70
5/1	Driver Information Module (DIM) XC90	6/93	Motor, rear right power window XC90
6/1	Windshield wiper motor V70	6/95	Damper Motor Module (DMM), temperature, left-hand side
6/1	Windshield wiper motor XC90	6/96	Damper Motor Module (DMM), temperature, right-hand side
6/3	Right-hand headlight wiper motor		
6/4	Left-hand headlight wiper motor		
6/15	Sunroof motor V70		

List of components 3:9

6/102	Damper Motor Module (DMM), defroster	7/16	Coolant temperature sensor, 8-cyl.
6/103	Damper Motor Module (DMM), floor/ventilation	7/17	Mass air flow sensor (MAF) V70
6/104	High pressure headlight washer V70	7/17	Mass air flow sensor (MAF) XC90
6/104	High pressure headlight washer motor XC90	7/23	Mass air flow sensor (MAF), 8-cyl.
6/105	Fuel distributor, gas	7/23	Rear knock sensor
6/113	Coolant pump, 8-cyl.	7/24	Rear knock sensor, 8-cyl.
6/114	Vacuum pump	7/24	Front knock sensor
6/118	Regulator motor, swirl throttle	7/25	Front knock sensor, 8-cyl.
6/120	Throttle body motor V70	7/25	Impulse sensor V70
6/120	Throttle body motor XC90	7/25	Impulse sensor, Diesel V70
6/120	Throttle body motor, 6-cyl.	7/25	Impulse sensor, 6-cyl.
6/120	Throttle body motor, 8-cyl.	7/25	Impulse sensor, 8-cyl.
6/120	Throttle body motor, Diesel	7/31	Sensor ABS, front left
6/127	Washer motor V70	7/32	Sensor ABS, front right
6/127	Washer motor XC90	7/35	Oil level sensor
6/139	Upper actuating motor, intake manifold	7/41	Temperature sensor evaporator
6/140	Lower actuating motor, intake manifold	7/51	Accelerator pedal sensor V70
6/143	Regulator motor, Turbo	7/51	Accelerator pedal sensor XC90
7/4	Brake fluid level sensor	7/56	Sensor ABS, rear left
7/5	Washer fluid level sensor V70	7/57	Sensor ABS, rear right
7/5	Washer fluid level sensor XC90	7/61	Input speed sensor AW51
7/6	Oil pressure monitor V70	7/61	Input speed sensor TF-80SC
7/6	Oil pressure monitor XC90	7/62	Output speed sensor AW51
7/8	Pressure sensor, climate control system V70	7/62	Output speed sensor TF-80SC
7/8	Pressure sensor, climate control system XC90	7/73	Coolant level sensor V70
7/8	Pressure sensor, climate control system, 8-cyl.	7/73	Coolant level sensor XC90
7/10	Interior temperature sensor	7/74	Fluid temperature sensor, automatic transmission AW51
7/11	Outside temperature sensor V70	7/81	Fluid temperature sensor, automatic transmission TF-80SC
7/11	Outside temperature sensor XC90	7/81	Pressure sensor, intake manifold
7/12	Solar sensor, twilight sensor and indicator alarm V70	7/81	Intake manifold pressure sensor, 6-cyl.
7/12	Solar sensor, twilight sensor and indicator alarm XC90	7/82	Intake manifold pressure sensor, 8-cyl.
7/15	Heated oxygen sensor, 5-cyl.	7/82	Heated oxygen sensor, diagnostics 1, 5-cyl.
7/15	Heated oxygen sensor, 6-cyl.	7/82	Heated oxygen sensor, diagnostics 1, 6-cyl.
7/15	Front heated oxygen sensor, bank 2, 8-cyl.	7/89	Front heated oxygen sensor, bank 1, 8-cyl.
7/15	Heated oxygen sensor, Diesel	7/91	Acceleration sensor, Four-C, front left
7/16	Coolant temperature sensor V70	7/91	Acceleration sensor, Four-C, front right
7/16	Coolant temperature sensor XC90	7/93	Acceleration sensor, Four-C, rear left
			Steering angle sensor V70
			Steering angle sensor XC90
			Occupant Weight Sensor (OWS)

List of components 4:9

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

List of components 5:9

8/3	Electromagnetic clutch, climate control system V70	8/66	Left inflatable curtain igniter V70
8/3	Electromagnetic clutch, climate control system XC90	8/66	Left inflatable curtain igniter XC90
8/3	Electromagnetic clutch, climate control system, 8-cyl.	8/67	Right inflatable curtain igniter V70
8/3	Electromagnetic clutch, climate control system, 8-cyl.	8/67	Right inflatable curtain igniter XC90
8/6-10	Injectors, Diesel	8/71	Throttle solenoid AW51
8/6-11	Injectors, Gasoline	8/71	Throttle solenoid TF-80SC
8/18	EVAP valve V70	8/72	Shift solenoid 3 AW51
8/18	EVAP valve XC90	8/73	Shift solenoid 4 AW51
8/18	EVAP valve, 8-cyl.	8/74	Shift solenoid 5 AW51
8/19	Solenoid, variable valve timing, intake	8/75	Valve, fuel cut-off DFCO
8/19	Solenoid, variable valve timing, intake, 6-cyl.	8/81	Solenoid, variable valve timing outlet V70
8/19	Solenoid, variable valve timing, intake, bank 2, 8-cyl.	8/81	Solenoid, variable valve timing outlet XC90
8/20	Shock absorber, Four-C, front left	8/84	Solenoid, variable valve timing, exhaust, bank 2, 8-cyl.
8/21	Shock absorber, Four-C, front right	8/85	Switch, vacuum pump
8/22	Shock absorber, Four-C, rear left	8/85	Thermostatic switch and fuel filter heating
8/23	Shock absorber, Four-C, rear right	8/85	V70
8/28	Turbocharger control valve V70	8/88	Thermostatic switch and fuel filter heating
8/28	Turbocharger control valve XC90	8/89	XC90
8/30	Airbag igniter, driver's side	8/90	Solenoid, fuel tank, Bi-Fuel, rear
8/31	Igniter, passenger side airbag V70	8/94	Solenoid, fuel tank, Bi-Fuel, front left
8/31	Igniter, passenger side airbag XC90	8/95	Solenoid, fuel tank, Bi-Fuel, front right
8/32	Igniter, airbag stage 2, passenger side V70	8/96	Left belt tensioner igniter, third row of seats
8/32	Igniter passenger side airbag stage 2 XC90	8/97	Right belt tensioner igniter, third row of seats
8/33	Front left belt tensioner igniter V70	8/98	Left inflatable curtain igniter, third row of seats
8/33	Front left belt tensioner igniter XC90	8/99	Right inflatable curtain igniter, third row of seats
8/34	Front right belt tensioner igniter V70	8/107	Fuel pressure control valve, Diesel
8/34	Front right seat belt tensioner igniter XC90	8/111	Igniter, steering column
8/36	Solenoid shift lock	8/113	Valve, variable intake, 8-cyl.
8/37	Automatic transmission AW51	8/117	High-pressure solenoid valve, Diesel
8/37	Automatic transmission TF-80SC	8/118	Bypass valve, fuel pressure
8/38	Shift solenoid 1 AW51	8/120	Solenoid, variable valve timing, intake, bank 1, 8-cyl.
8/38	Shift solenoid 1 TF-80SC	8/123	Shift solenoid, variable valve timing, exhaust, bank 1, 8-cyl.
8/39	Shift solenoid 2 AW51	8/124	EGR valve
8/39	Shift solenoid 2 TF-80SC	8/125	Igniter airbag driver side stage 3 XC90
8/40	Lock-up solenoid AW51	8/126	Igniter passenger side airbag stage 3 XC90
8/40	Lock-up solenoid TF-80SC	8/134	Variable valve lifter, front plane, 6-cyl.
8/41	Pressure solenoid AW51	8/142	Variable valve lifter, rear plane, 6-cyl.
8/46	Activation unit DSTC V70	8/143	Solenoid, reverse interlock, manual
8/46	Activation unit DSTC XC90	8/144	Linear pressure solenoid SLB1
8/51	Front left side airbag igniter V70	8/145	TF-80SC AWD
8/51	Front left side airbag igniter XC90	8/146	Linear pressure solenoid SLC1
8/52	Front right side airbag igniter V70	8/147	TF-80SC AWD
8/52	Front right side airbag igniter XC90	8/148	Linear pressure solenoid SLC2
8/55	Igniter, left rear belt tensioner	8/149	TF-80SC AWD
8/56	Igniter, right rear belt tensioner	8/150	Linear pressure solenoid SLC3
8/61	Igniter, airbag stage 2, driver's side	8/151	TF-80SC AWD
8/62	Belt tensioner igniter, center rear seat V70	8/153	Injection valves, 8-cyl.
8/62	Belt tensioner igniter, center rear XC90		
8/64	Solenoid valve, engine pad, Diesel V70		
8/64	Solenoid valve, engine pad, Diesel XC90		

List of components 6:9

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

List of components 7:9

11A/no.	Main fuses in engine compartment fuse box	16/56	Treble speaker, right front door V70
11B/no.	Fuses in engine compartment fuse box	16/56	Treble speaker, right front door XC90
11C/no.	Fuses in the passenger compartment fuse box V70	16/57	Speaker, left D-post V70
11C/no.	Fuses in the passenger compartment fuse box XC90	16/57	Speaker, left D-post XC90
11E/no.	Main fuses at the battery V70	16/58	Speaker, right D-post V70
11E/no.	Main fuses at the battery XC90	16/58	Speaker, right D-post XC90
11L/no.	Fuse in fuse holder, cargo compartment V70	16/60	Phone Module (PHM) V70
11L/no.	Fuse in fuse holder, cargo compartment XC90	16/62	Phone Module (PHM) XC90
11M/no.	Fuse in spare fuse holder, cargo compartment V70	16/62	Handset, cellular phone V70
11M/no.	Fuse in spare fuse holder, cargo compartment XC90	16/63	Handset, cellular phone XC90
11M/no.	Fuse in spare fuse holder, cargo compartment V70	16/63	GPS antenna, cellular phone V70
11M/no.	Fuse in spare fuse holder, cargo compartment XC90	16/64	GPS antenna, cellular phone XC90
11M/no.	Fuse in spare fuse holder, cargo compartment V70	16/64	Cellular phone antenna V70
11M/no.	Fuse in spare fuse holder, cargo compartment XC90	16/65	Cellular phone antenna XC90
15/31	Distribution box in engine compartment	16/65	Antenna ring/ignition switch lighting V70
16/1	Audio Module (AUM) V70	16/67	Antenna ring/ignition switch lighting XC90
16/1	Integrated Audio Module (IAM) XC90	16/68	Amplifier antenna, bumper
16/2	Amplifier	16/68	Antenna, bumper
16/3	Speaker, right front door V70	16/71	RH window antenna amplifier 1 V70
16/3	Speaker, right front door XC90	16/71	Window antenna amplifier 1, right XC90
16/4	Speaker, left front door V70	16/73	Window antenna amplifier 2, left
16/4	Speaker, left front door XC90	16/74	Window antenna amplifier 2, right
16/5	Speaker, right rear door V70	16/77	Microphone, cellular phone V70
16/5	Speaker, right rear door XC90	16/77	Microphone, cellular phone XC90
16/6	Speaker, left rear door V70	16/78	Speaker, cellular phone
16/6	Speaker, left rear door XC90	16/79	Subwoofer V70
16/10	Horn 1 V70	16/79	Subwoofer Module (SUB) XC90
16/10	Horn 1 XC90	16/81	Screen, accessory
16/11	Horn 2	16/81	Screen, LH head restraint
16/15	CD changer	16/81A	Screen, RH head restraint
16/16	LH window antenna amplifier 1 V70	16/81B	DVD-player
16/16	LH window antenna amplifier 1 XC90	16/82	DVD-player accessory
16/26	Speaker, dashboard middle V70	16/82	Control module, cellular phone handsfree V70
16/26	Speaker, dashboard middle XC90	16/93	Control module, cellular phone handsfree
16/35	Siren (SCM) V70	16/93	XC90
16/35	Siren (SCM) XC90	16/94	Infotainment Control Module (ICM)
16/36	TV receiver V70	16/105	Audio Module (AUD)
16/45	Road Traffic Information module (RTI)	16/108	Multimedia Module (MMM)
16/45	Traffic information module, Turn-by-Turn	16/111	Outlet, rear left headphones
16/46	RTI display V70	16/112	Outlet, rear right headphones
16/46	Multimedia display XC90	16/122	Rear Audio Separation module (RAS)
16/46	RTI display, Turn-by-Turn	16/123	External equipment input (AUX)
16/47	GPS antenna, RTI	16/126	Holder, cellular phone handsfree V70
16/49	Traffic Message Channel module	16/126	Holder, handsfree cellular phone XC90
16/50	Window antenna, rear left V70	16/127	Microphone, cellular phone handsfree V70
16/50	Window antenna, rear left XC90	16/139	Microphone, cellular phone handsfree XC90
16/54	Window antenna, rear right V70	16/145	Global Positioning System Module (GPS)
16/54	Window antenna, rear right XC90	16/145	Satellite radio receiver V70
16/55	Treble speaker, left front door V70	16/149	Satellite radio receiver XC90
16/55	Treble speaker, left front door XC90	16/153	MP3 player
		16/153	Satellite receiver antenna V70
		16/153	Satellite receiver antenna XC90

List of components 8:9

17/13	Data link connector V70	31/67	Ground connection, front right seat riser V70
17/13	Data link connector XC90	31/67	Ground connection, front right seat riser XC90
17/17	Jump start connection	31/70	Ground connection, left-hand side member, lower engine compartment V70
17/19	12V outlet, cargo compartment V70	31/70	Ground connection, left-hand side member, lower engine compartment XC90
17/37	4-pin outlet, tow hitch cable harness V70	31/72	Ground connection, cargo compartment V70
17/37	4-pin outlet, tow hitch cable harness XC90	31/72	Ground connection, cargo compartment XC90
17/38	7-pin outlet, tow hitch cable harness V70	31/72	Ground connection, rear right seat riser V70
17/38	7-pin outlet, tow hitch cable harness XC90	31/73	Ground connection, rear right seat riser XC90
	EU/OS	31/73	Ground connection, left-hand side A-post V70
17/38	7-pin outlet, tow hitch cable harness XC90	31/73	Ground connection, left-hand side A-post XC90
17/39	13-pin outlet, tow hitch cable harness V70	31/83	Ground connection, A-post, right-hand side V70
17/39	13-pin outlet, tow hitch cable harness XC90	31/83	Ground connection, A-post, right-hand side XC90
17/40	External equipment input (AUX)	31/84	Ground connection, engine ignition coils, group 1
18/4	Contact reel V70	31/84	Ground connection, engine ignition coils, 6-cyl.
18/4	Contact reel XC90	31/88	Ground connection, engine ignition coils, 8-cyl.
20/3-8	Spark plug and ignition coil	31/88	Ground connection, engine ignition coils, group 2
20/16	Capacitor	31/88	Ground connection, engine ignition coils, 6-cyl.
20/22-26	Glow plug	31/88	Ground connection, engine ignition coils, 8-cyl.
20/46-53	Spark plug with ignition coil, 8-cyl.	31/89	Ground connection, right MacPherson strut tower V70
26/4	Converter, tow hitch cable harness V70	31/89	Ground connection, right MacPherson strut tower XC90
26/4	Converter, tow hitch cable harness XC90	31/89	Ground connection, left MacPherson strut tower V70
27/3	Left Camera Module (LCM)	31/89	Ground connection, left MacPherson strut tower XC90
27/4	Right Camera Module (RCM)	31/89	Ground connection, right MacPherson strut tower V70
27/6	Camera	31/90	Ground connection, right MacPherson strut tower XC90
31/1	Ground connection, right MacPherson strut tower V70	31/91	Ground connection, left MacPherson strut tower V70
31/1	Ground connection, right MacPherson strut tower XC90	31/93	Ground connection, left MacPherson strut tower XC90
31/2	Ground connection, left MacPherson strut tower V70	31/93	Ground connection, right MacPherson strut tower V70
31/2	Ground connection, left MacPherson strut tower XC90	31/94	Ground connection, right MacPherson strut tower XC90
31/4	Ground connection, engine	31/94	Ground connection, right MacPherson strut tower V70
31/6	Ground connection, left-hand side A-post V70	31/95	Ground connection, left MacPherson strut tower XC90
31/6	Ground connection, left-hand side A-post XC90	31/95	Ground connection, left MacPherson strut tower V70
31/10	Ground connection, A-post, right-hand side V70	31/95	Ground connection, left MacPherson strut tower XC90
31/10	Ground connection, A-post, right-hand side XC90	31/96	Ground connection, right MacPherson strut tower V70
31/44	Ground connection, left-hand side member, lower engine compartment V70	31/96	Ground connection, right MacPherson strut tower XC90
31/44	Ground connection, left-hand side member, lower engine compartment XC90	31/98	Ground connection, upper windshield member V70
31/46	Ground connection, rear left seat riser V70	31/98	Ground connection, upper windshield member XC90
31/46	Ground connection, rear left seat riser XC90	31/99	Ground connection, Side window left
31/47	Ground connection, rear left seat riser V70	31/100	Engine ignition coils, 8-cyl.
31/47	Ground connection, rear left seat riser XC90	31/102	Ground connection, front member V70
31/48	Ground connection, rear right seat riser V70	31/102	Ground connection, front member XC90
31/48	Ground connection, rear right seat riser XC90	31/120	Ground connection, cargo compartment V70
31/53	Ground connection, firewall V70	31/120	Ground connection, cargo compartment XC90
31/53	Ground connection, firewall XC90		
31/66	Ground connection, front left seat riser V70		
31/66	Ground connection, front left seat riser XC90		

List of components 9:9

54/1B	Connector V70	54/54	Connector
54/1B	Connector XC90	54/55	Connector V70
54/1C	Connector	54/55	Connector XC90
54/3.1	Connector V70	54/56	Connector V70
54/3.1	Connector XC90	54/56	Connector XC90
54/3.2	Connector V70	54/57.1	Connector V70
54/3.2	Connector XC90	54/57.1	Connector XC90
54/4	Connector	54/66.1	Connector
54/7	Connector	54/66.2	Connector
54/8	Connector V70	54/74	Connector
54/8	Connector XC90	54/98	Connector
54/9	Connector V70	54/100	Connector
54/9	Connector XC90	54/106	Connector
54/10	Connector V70	54/107	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	54/137A	Connector V70
54/14	Connector	54/137A	Connector XC90
54/16	Connector	54/274	Connector V70
54/20	Connector	54/274	Connector XC90
54/21	Connector	54/275	Connector V70
54/22	Connector V70	54/275	Connector XC90
54/22	Connector XC90	54/1300	Connector V70
54/23	Connector V70	54/1300	Connector XC90
54/23	Connector XC90	54/1400	Connector V70
54/24	Connector	54/1400	Connector XC90
54/25	Connector	54/1401	Connector V70
54/32	Connector	54/1401	Connector XC90
54/34	Connector	54/1402	Connector V70
54/35	Connector	54/1402	Connector XC90
54/36	Connector V70	4X/78	Connector interface, original car
54/36	Connector XC90	9X/25	Connector interface, original car
54/39	Connector	16X/1	Connector interface, original car
54/40B	Connector	16X/26	Connector interface, original car
54/40C	Connector	16X/45	Connector interface, original car
54/40D	Connector	16X/57	Connector interface, original car
54/43	Connector V70	16X/58	Connector interface, original car
54/43B	Connector XC90	16X/105	Connector interface, original car
54/50	Connector V70	16X/108	Connector interface, original car
54/50	Connector XC90	54X/no.	Connector interface, original car
54/53	Connector	A1	Connecting rail to 15/31



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