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VOLVO **WIRING DIAGRAM** S60/S60R/S80

TP 3976202
2005

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

Warning!

Vehicles equipped with SRS/SIPS bag/IC must be handled with extra care when making repairs. This avoids:

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 seatbelt 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 VADIS.
- Certain components of the aforementioned systems must be grounded while working. Read the appropriate sections in VADIS.
- 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 June 2004

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 3976202

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Volvo retains the right to make amendments

Table of Contents 1:2

Vehicles with SRS (Airbag)/SIPS bag/ IC (Inflatable curtain)	2
Abbreviations	5
How to use the wiring diagrams 1:2.....	6
Electrical distribution 1:2.....	8

Fuses

Engine compartment 11A/1-8.....	10
Engine compartment 11B/1-6.....	11
Engine compartment 11B/8-23.....	12
Passenger compartment 11C/1-7.....	13
Passenger compartment 11C/8-13.....	14
Battery 11E/1-7.....	15
Central Electronic Module (CEM) F1-F16.....	16
Central Electronic Module (CEM) F17-F34.....	17
Rear Electronic Module (REM) F1-F19.....	18
Rear Electronic Module (REM) F20-F38.....	19

Relays

Ignition switch and relays.....	20
Engine compartment FMA2 - FST3.....	21

Ground connections

Overview.....	22
31/1 - 31/44	23
31/46 - 31/67	24
31/70 - 31/83	25
31/84 - 31/91	26
31/93	27
31/94 - 31/102	28
31/120	29

Control modules

Overview of locations.....	30
Overview of designations.....	31
Central Electronic Module (CEM) 1:2.....	32
Rear Electronic Module (REM) 1:2.....	34
High speed CAN data communication.....	36
Low speed CAN data communication.....	37
LIN data communication 1:2.....	38

Group 23 Fuel system

Engine management system, 5-cyl 1:2.....	40
Engine management system, 5-cyl Turbo 1:2	42
Engine management system, 6-cyl 1:2.....	44
Engine management system, Bi-fuel 1:2.....	46
Engine management system, Diesel 1:2	48
Emission control, 5-cyl.....	50
Emission control, 5-cyl & 6-cyl Turbo	51

Group 26 Cooling system

Cooling fan.....	52
------------------	----

Group 27 Engine control

Cruise control.....	53
---------------------	----

Group 32 Alternator and voltage regulator

Power supply	54
--------------------	----

Group 33 Starting system

Starting system	55
-----------------------	----

Group 35 Lighting

High and low beam (Bi-Xenon) & Daytime running lights S60	56
High and low beam (Bi-Xenon) & Daytime running lights S80	57
High and low beam S80.....	58
Fog lights	59
Brake lights	60
Reversing lights	61
Position/parking lights, tail lights & license plate lighting S60	62
Position/parking lights, tail lights & license plate lighting S80	63
Home safe lighting	64
Interior lighting	65
Beam length adjustment	66
Auxiliary light.....	67

Group 36 Additional electrical equipment

Rain sensor.....	68
Direction indicator and hazard warning flashers.....	69
Wiper/washer, windshield.....	70
Wiper/washer, headlights.....	71
High pressure headlight washer	72
Horn	73
Electronic immobilizer	74
Anti-theft alarm	75
Accessory Electronic Module (AEM) 1:2.....	76
Parking assistance	78

Group 37 Wiring and fuses

Diagnostics system	79
12V outlet.....	80
12V outlet, cargo compartment.....	81
Towbar cable harness, 4-pin.....	82
Towbar cable harness, 7-pin.....	83
Towbar cable harness, 13-pin.....	84

Group 38 Instruments

Seat belt reminder	85
Driver information module.....	86
Driver information module, Bi-Fuel	87

Group 39 Other

Audio with auxiliary amplifier 1:2.....	88
Audio	90
Cellular phone.....	91
Road Traffic Information (RTI)	92
Road Traffic Information (RTI) and CD changer	93
Handsfree	94
CD changer.....	95
Audio adapter cable harness	96

Table of Contents 2:2

Group 43 Transmission

Automatic transmission AW55-50SN/AW50AWD	97
Automatic transmission 4T65EV.....	98
Geartronic.....	99
Shift lock	100
Differential Electronic Module (DEM).....	101

Group 59 Brake system

Brake control system	102
----------------------------	-----

Group 64 Steering

Electronic power steering	103
---------------------------------	-----

Group 76 Shock absorbers

Four-C	104
--------------	-----

Group 83 Doors and openings

Central locking	105
Power windows.....	106
Power sunroof.....	107

Group 84 Exterior decorative elements etc.

Power door mirrors	108
Heated door mirrors.....	109
Heated rear window.....	110

Group 85 Interior equipment

Power driver's seat	111
Power passenger seat.....	112
Heated seats.....	113

Group 87 Climate controls

Climate control system 1:2.....	114
Parking heater, auxiliary heater	116
Relay, electric engine heater	117
Parking heater, Call start	118
Parking heater, remote start	119
Short stop heater	120

Group 88 Internal equipment

Supplemental Restraint System (SRS).....	121
Electrically adjustable head restraint	122
Remote garage door opener.....	123

Connectors..... 124

Junction points142

Cable harness routing in vehicle

Engine harness, Gasoline.....	151
Engine harness, Diesel	152
Engine compartment harness LHD.....	153
Engine compartment harness RHD	154
Passenger compartment harness LHD.....	155
Passenger compartment harness RHD	156
Cargo compartment harness	157
Roof harness	158
Trunk lid harness	159
Door harness	160
Bi-Fuel harness.....	161

Component illustrations162

Index 208

List of components 1:4210

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 controls
Group 88	= Internal equipment

Ignition switch symbols

X	= Accessories (audio position)
S	= Powered upon insertion of key
15	= The switch 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
CDCH	= CD Changer Under Shelf
CEM	= Central Electronic Module
DRL	= Daytime Running Lights
DSTC	= Dynamic Stability Traction Control
ECC	= Electronic climate control system
ECPS	= Electronic power steering
EXC	= Exclusive
EXT. D	= Extended electrical distribution
HISPEED	= High speed data bus
LH	= Left-hand side
LHD	= Left-hand drive
LOSPEED	= Low speed data bus
MAN	= Manual transmission
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
SULEV	= Super Ultra Low Emission Vehicle
SUBWOOF	= Subwoofer
T	= Turbo engine
ULEV	= Ultra Low Emission Vehicle
W/O	= Without
5CYL	= 5-cylinder engine
6CYL	= 6-cylinder engine

Colors

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

How to use the wiring diagrams 1:2

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

A. Component designation

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

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

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

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

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

List of type numbers

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

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

B. Junction points

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

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

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

C. Connectors

Connectors provide a bridge between two cables 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 contain CAN and LIN networks that transfer information. Connections to these networks are not shown in their entirety in the respective wiring diagram. Complete information on CAN and LIN communication is found in the section "Control modules".

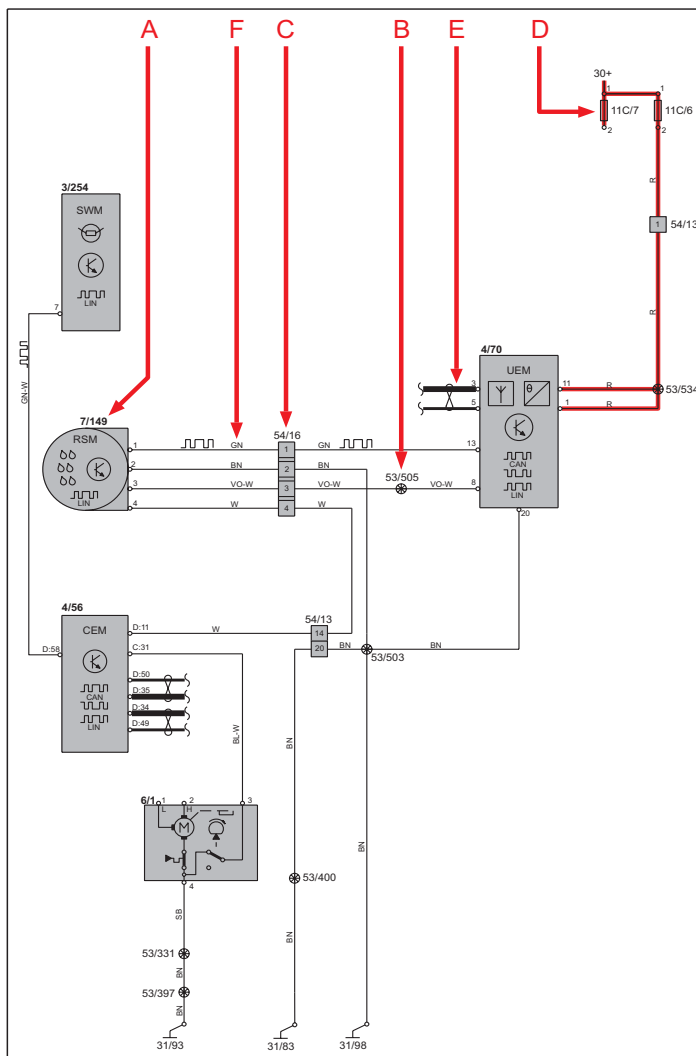
F. Abbreviations

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

G. Component location

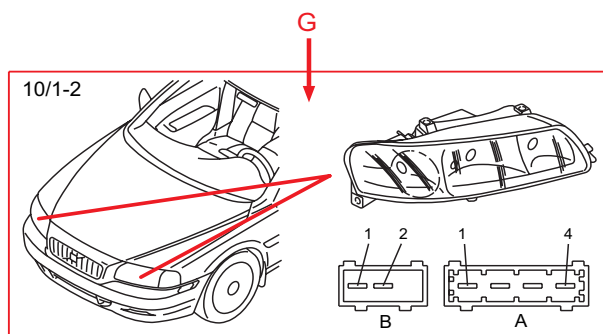
The end of the manual contains a section in which component appearance and location is described in numeric order. On the EWD disc, components are linked to the relevant diagram.

How to use the wiring diagrams 2:2

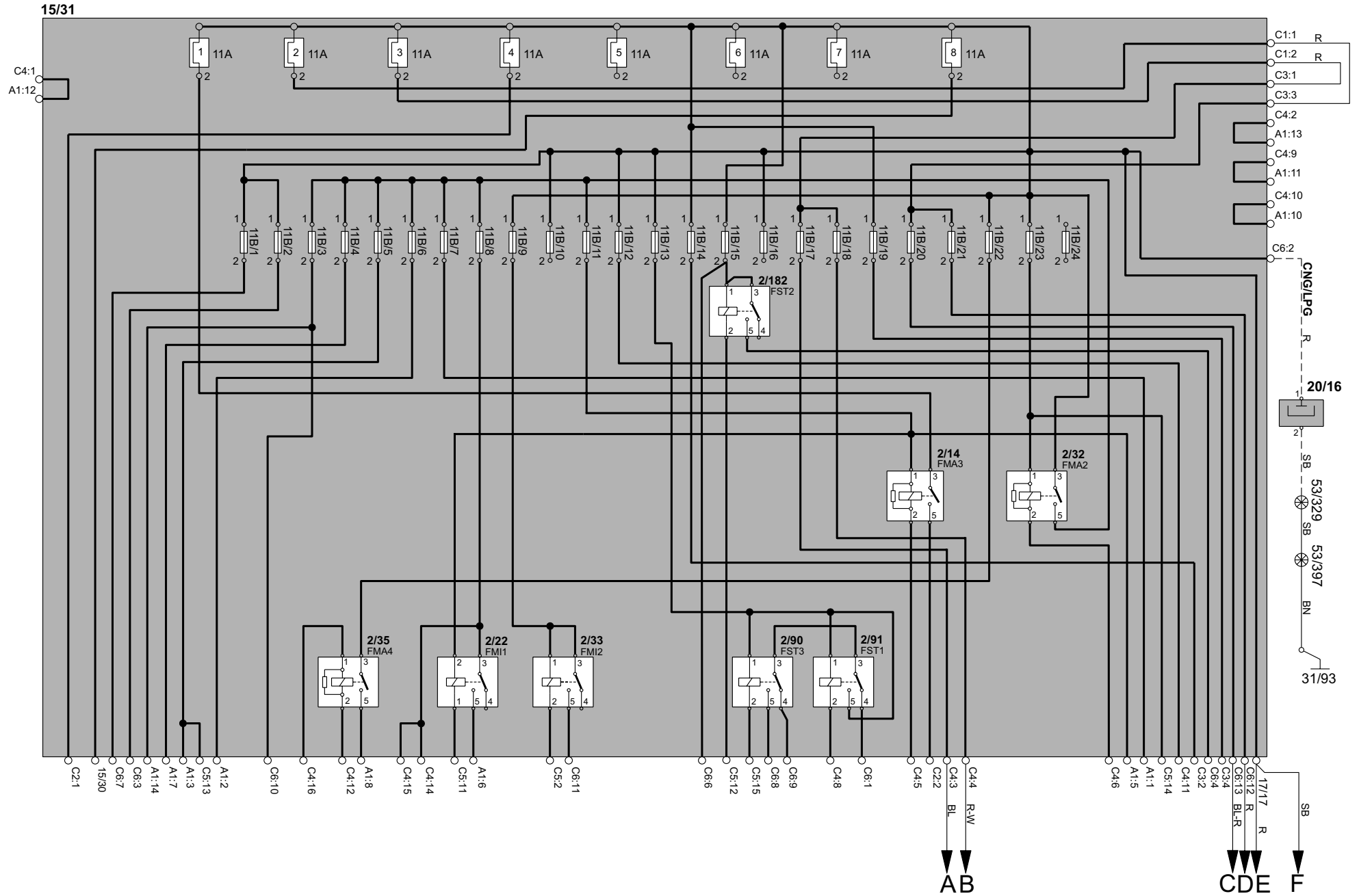


List of symbols

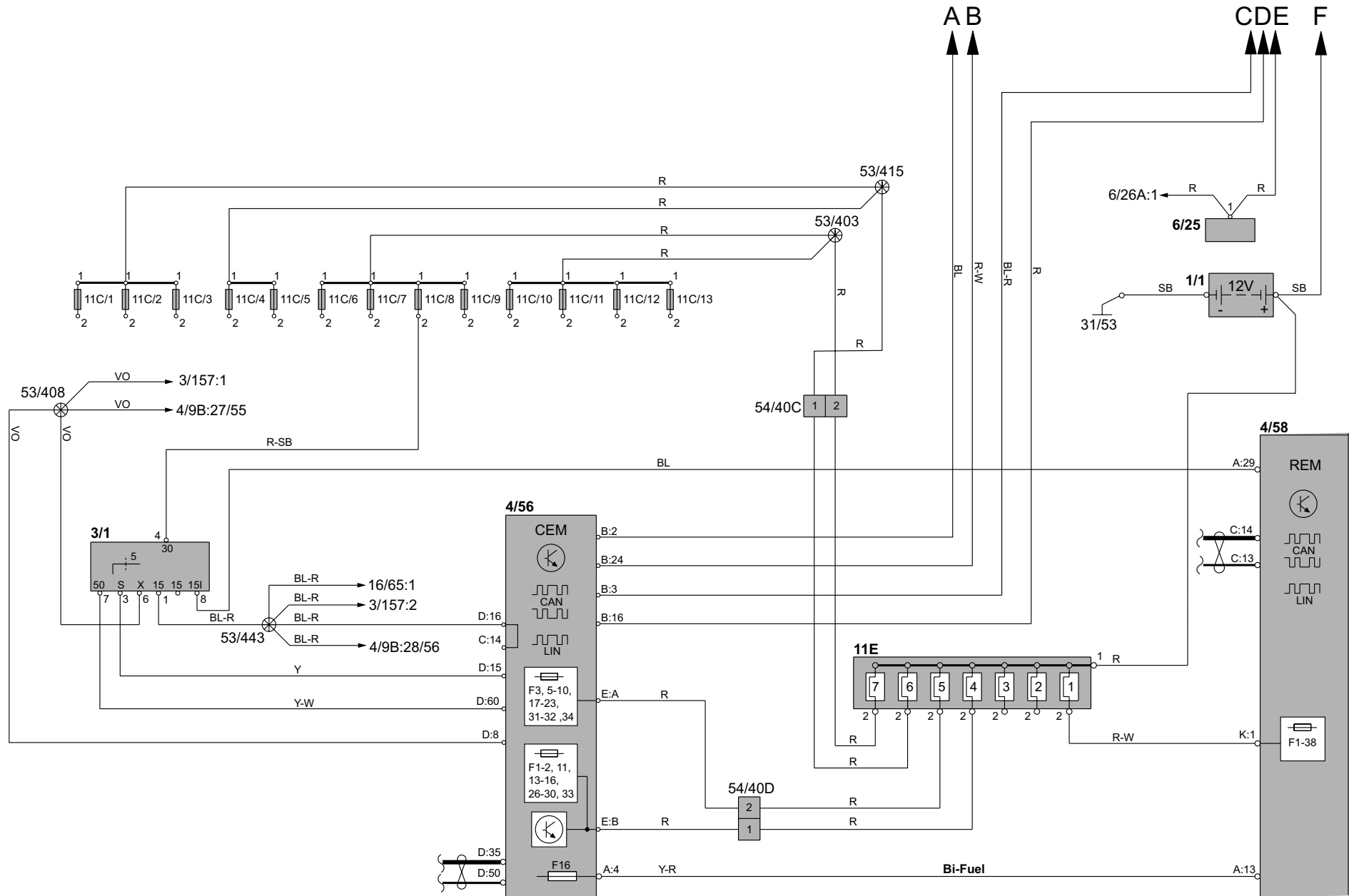
-  = System voltage
-  = Ground connection via wiring
-  = Ground connection in component/chassis
-  = Screened wire
-  = Junction point
-  = Twisted cable
-  = Electrical connection
-  = Variant
-  = CAN communication
-  = CAN high data signal (CAN H)
-  = CAN low data signal (CAN L)
-  = LIN communication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



Electrical distribution 1:2 Overview

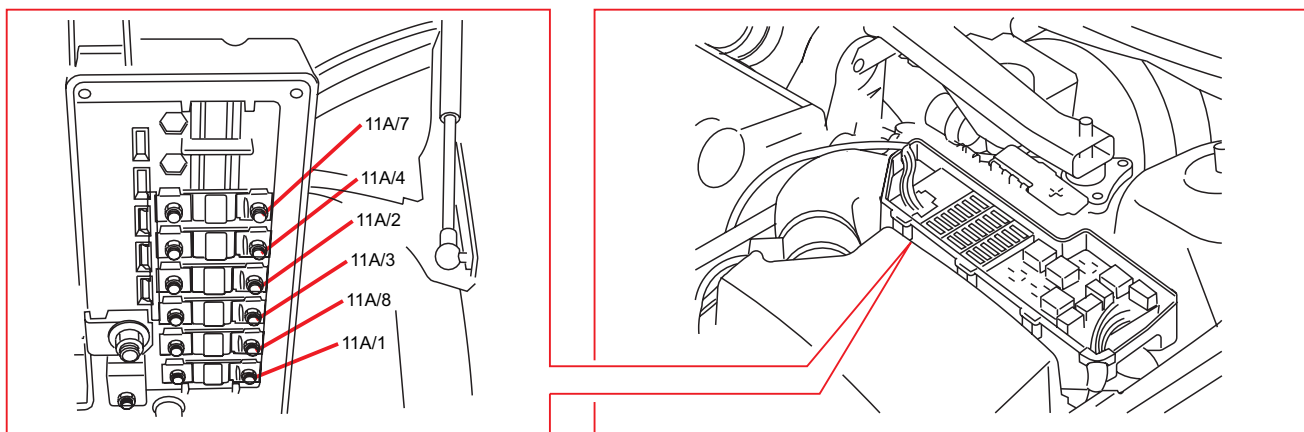


Electrical distribution 2:2 Overview



Fuses

Engine compartment 11A/1-8

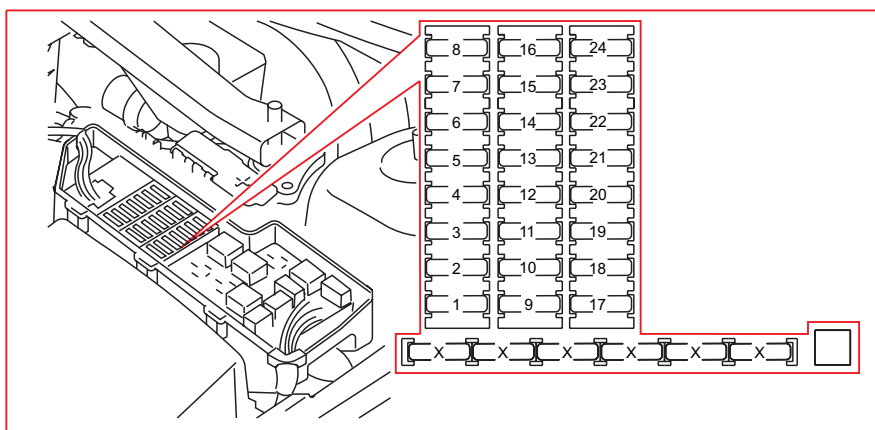


11A Fuses in the engine compartment

No.	Fuse function	via	A
1	20/22-26 Glow plug	2/14	60
2	11B/20 Fuses in engine compartment fuse box 11B/21 Fuses in engine compartment fuse box	- -	40
3	11B/17 Fuses in engine compartment fuse box 11B/18 Fuses in engine compartment fuse box	- -	40
7	Accessories	-	60
8	6/29 Motor, electric cooling fan	4/71	60

Fuses

Engine compartment 11B/1-6

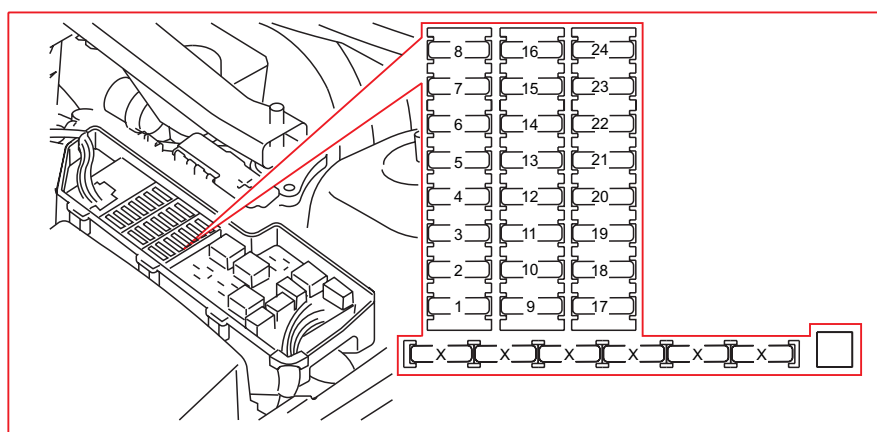


11B Fuses in the engine compartment

No.	Fuse function	via	A
1	6/35 Fuel pump, auxiliary heater 6/73 Coolant pump, auxiliary heater 9/30 Auxiliary heater	4/7, 9/30 4/7 4/7	25
2	54/8:1 Connector, accessories cable harness, 30-feed	-	20
3	4/46 Engine Control Module (ECM), 5-cyl normally aspirated 4/50 Electronic Throttle Module (ETM), CNG/LPG 6/120 Engine throttle body	- - 4/46	10
4	4/46 Engine Control Module (ECM), Diesel, CNG/LPG 7/15 Heated oxygen sensor 7/82 Heated oxygen sensor, diagnosis 1 7/103 Heated oxygen sensor 3 7/104 Heated oxygen sensor 4 (diagnostic probe) 8/111 Solenoid valve, high-pressure, Diesel	- - - - - -	20
5	6/67 Pump, fuel leakage control 6/105 Fuel distributor, gas 8/17 EGR valve, Diesel 8/18 EVAP valve 8/19 Solenoid, variable valve time, inlet 8/28 Turbocharger control valve 8/64 Solenoid valve, engine mounting, Diesel 8/75 Fuel cut-off valve DFCO, Bi-Fuel 8/81 Solenoid, variable valve timing outlet 8/82 Solenoid, variable turbo geometry, Diesel 9/32 PTC resistor - air preheating	- - - - - - - - - - -	10
6	7/17 Mass airflow sensor MAF, Diesel	-	10
	4/46 Engine Control Module (ECM), Gasoline	-	15
	7/17 Mass airflow sensor (MAF), Gasoline	-	
	8/6-11 Injectors	-	
continues			

Fuses

Engine compartment 11B/8-23

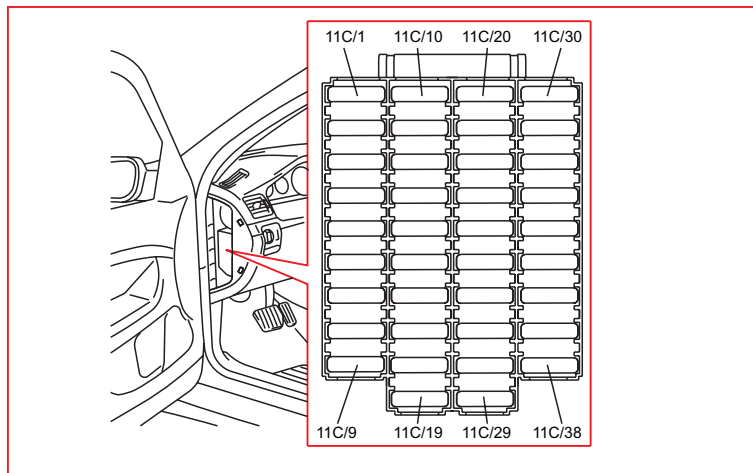


11B Fuses in the engine compartment

No.	Fuse function	via	A
8	6/44 Cooling fan, electrics box, engine compartment 7/51 Accelerator pedal sensor 8/3 Electromagnetic clutch, climate control system	- - 2/22	10
9	2/33 Relay, Bi-Fuel fuel system 8/79 Valve LPG	- 2/33	10
11	2/14 Relay, glow plug unit 2/22 Relay, climate control system 20/3-8 Spark plug and ignition coil	- - -	20
13	2/90 Relay, windshield wiper, low/high speed 2/91 Relay, intermittent wiping 6/1 Windshield wiper motor	- - 2/90, 2/91	25
14	4/16 Brake Control Module (BCM)	-	30
15	2/182 Relay, high pressure headlight washer motor 6/104 High pressure headlight washer motor	- 2/182	35
17	10/1 Left front lamp housing, daytime running lights 10/70 Left-hand low beam	4/56 4/56	20
18	10/11 Front left parking light 10/12 Front right parking light	4/56 4/56	15
19	4/16 Brake Control Module (BCM)	-	30
20	10/2 Right front lamp housing, daytime running lights 10/66 Right-hand low beam	4/56 4/56	20
21	4/83 Fuel pump control module 6/31 Feed pump, ejectors 6/33 Fuel pump	4/56 4/56 4/56	15
22	6/25 Starter motor	2/35	35
23	2/32 Engine management system main relay 4/46 Engine Control Module (ECM), Gasoline	- -	10

Fuses

Passenger compartment 11C/1-7

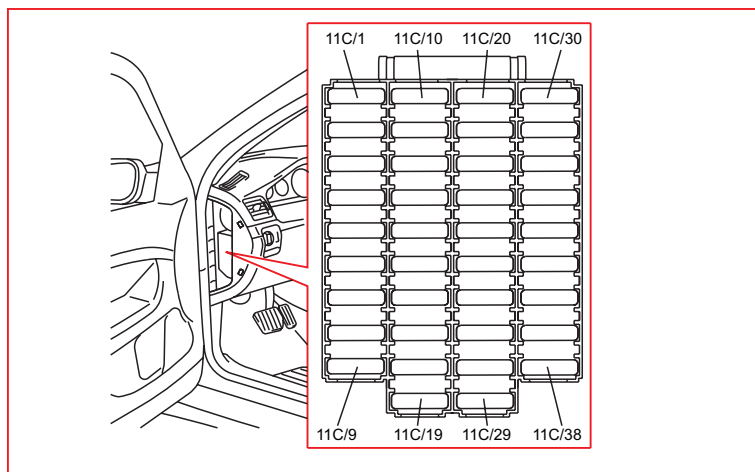


11C Fuses in the passenger compartment

No.	Fuse function	via	A
1	6/16 Driver seat motor, backrest angle	4/52	25
	6/17 Driver seat motor, up/down front edge	4/52	
	6/18 Driver seat motor, up/down rear edge	4/52	
	6/19 Driver seat motor, forward/backward	4/52	
2	6/20 Passenger seat motor, forward/backward	3/27	25
	6/64 Passenger seat motor, backrest angle	3/27	
	6/65 Passenger seat motor, up/down front edge	3/27	
	6/66 Passenger seat motor, up/down rear edge	3/27	
3	6/28 Motor, passenger compartment fan	4/31	30
4	3/75 Right-hand front door lock unit	3/127	25
	3/127 Passenger/Driver Door Module (PDM)/(DDM)	-	
	6/63 Right-hand power door mirror	3/127	
	9/34 Right-hand heated door mirror	3/127	
	10/149 Right-hand rearview mirror lighting	3/127	
5	3/74 Left-hand front door lock unit	3/126	25
	3/126 Driver/Passenger Door Module (DDM)/(PDM)	-	
	6/62 Left-hand power door mirror	3/126	
	9/33 Left-hand heated door mirror	3/126	
	10/148 Left-hand rearview mirror lighting	3/126	
6	3/117 Switch unit, dome light	4/70	10
	4/70 Upper Electronic Module (UEM)	-	
	4/76 Remote control unit for garage door opener	4/70	
	7/149 Rain Sensor Module (RSM)	4/70	
	10/114 Left-hand vanity mirror lighting	4/70	
	10/115 Right-hand vanity mirror lighting	4/70	
	10/150 Rear reading light	4/70	
7	6/15 Sunroof motor	4/33	15
continues			

Fuses

Passenger compartment 11C/8-13

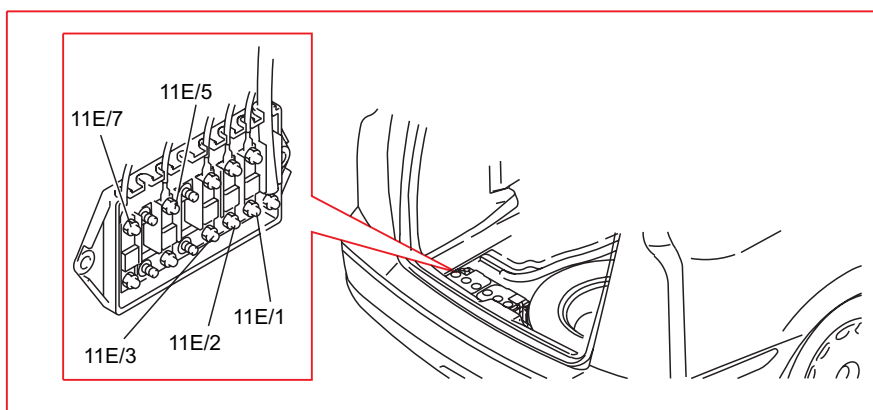


11C Fuses in the passenger compartment

No.	Fuse function	via	A
8	3/157 Passenger Airbag Cut Off Switch (PACOS)	3/1	7.5
	4/9 Control module, Supplemental Restraint System (SRS)	3/1	
	4/46 Engine Control Module (ECM)	3/1, 4/56	
	4/56 Central Electronic Module (CEM)	3/1	
	4/58 Rear Electronic Module (REM)	3/1	
	16/65 Antenna ring/ignition switch lighting	3/1	
9	3/111 Light Switch Module (LSM)	-	5
	3/254 Steering Wheel Module (SWM)	-	
	4/68 Steering Angle Sensor Module (SAS)	3/254	
	17/13 Data link connector	-	
10	16/1 Audio Module (AUM)	-	20
11	16/2 Amplifier	-	30
12	16/46 RTI Display	-	10
13	16/60 Phone Module (PHM)	-	5

Fuses

Battery 11E/1-7

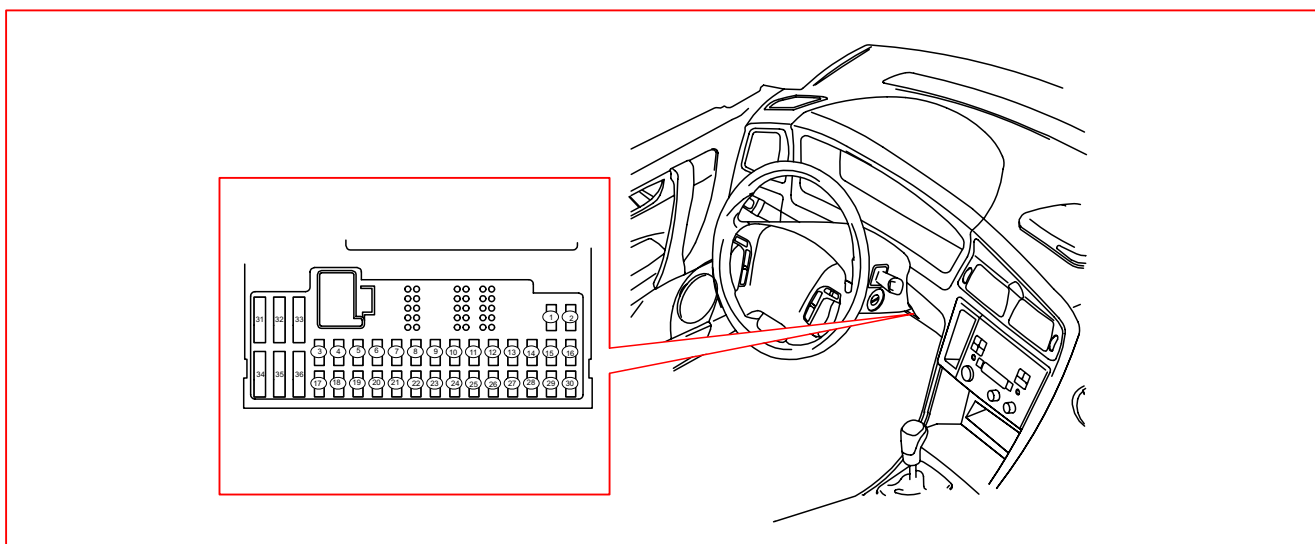


11E Fuses by the battery

No.	Fuse function	via	A
1	4/58 Rear Electronic Module (REM) Main fuse for: F1-F38	-	60
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 passenger compartment fuse box	-	50
7	11C/6-13 Fuses in passenger compartment fuse box	-	50

Fuses

Central Electronic Module (CEM) F1-F16

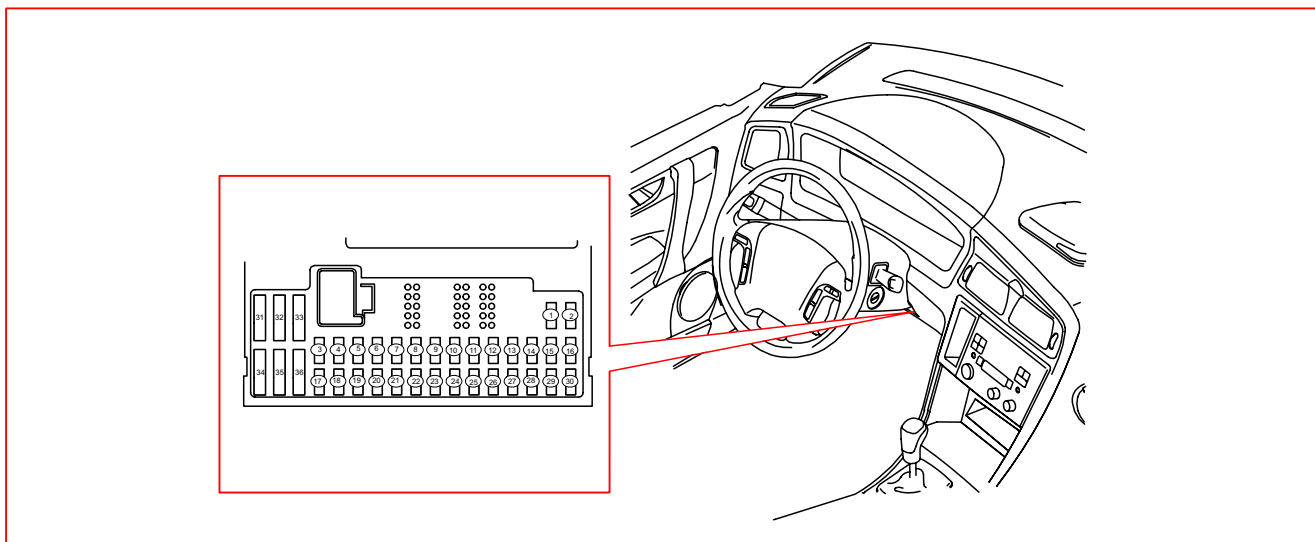


4/56 Central Electronic Module (CEM)

No.	Fuse function	via	A
F1	9/13 Seat Heater Module (SHM), passenger side	-	15
F2	9/12 Seat Heater Module (SHM), driver's side	-	15
F3	16/10 Horn 1 16/11 Horn 2	- -	15
F8	16/35 Siren Control Module (SCM)	-	5
F9	3/9 Brake light contact	-	5
F10	3/112 Climate Control Module (CCM) 4/7 Combustion Preheater Module (CPM) 4/52 Power Seat Module (PSM) 5/1 Driver Information Module (DIM) 6/95 Damper Motor Module (DMM), left-hand side 6/96 Damper Motor Module (DMM), right-hand side 6/102 Damper Motor Module (DMM), defroster 6/48 Damper Motor Module (DMM), recirculation 6/69 Damper Motor Module (DMM) 6/103 Damper Motor Module (DMM), floor/ventilation 7/159 Air Quality Sensor (AQS)	- - - - - - - - - - -	10
F11	9/1 Front 12V outlet 9/25 Rear 12V outlet	- -	15
F14	6/3 Right-hand headlight wiper motor, S80, S60R 6/4 Left-hand headlight wiper motor, S80, S60R	- -	15
F15	4/16 Brake control module (BCM)	-	5
F16	4/99 Electronic power steering control module 8/76 Gas tank valve 8/88 Solenoid, gas tank CNG rear 8/89 Solenoid, fuel tank CNG front left 8/90 Solenoid, fuel tank CNG front right 6/38 Left-hand headlight level adjustment motor 6/39 Right-hand headlight adjustment motor 10/1 Left front lamp housing, Bi-Xenon 10/2 Right front lamp housing, Bi-Xenon	- 4/58 4/58 4/58 4/58 - - - -	10
continues			

Fuses

Central Electronic Module (CEM) F17-F34

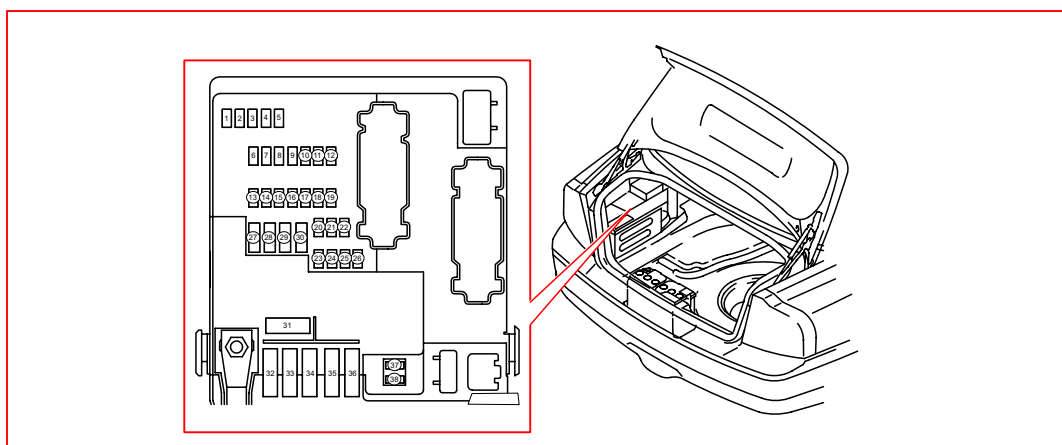


4/56 Central Electronic Module (CEM)

No.	Fuse function	via	A
F17	10/5 Front left fog light	-	7.5
F18	10/6 Front right fog light	-	7.5
F21	3/156 Gear Selector Module (GSM) 4/28 Transmission Control Module (TCM)	- -	10
F22	10/68 Left-hand high beam	-	10
F23	10/64 Right-hand high beam	-	10
F28	3/27 Switch unit, power passenger seat 16/1 Audio Module (AUM) 16/46 RTI Display	- - -	5
F33	6/114 Vacuum pump	8/84	20
F34	6/3 Right-hand headlight wiper motor 6/4 Left-hand headlight wiper motor 6/127 Washer motor	- - -	15

Fuses

Rear Electronic Module (REM) F1-F19

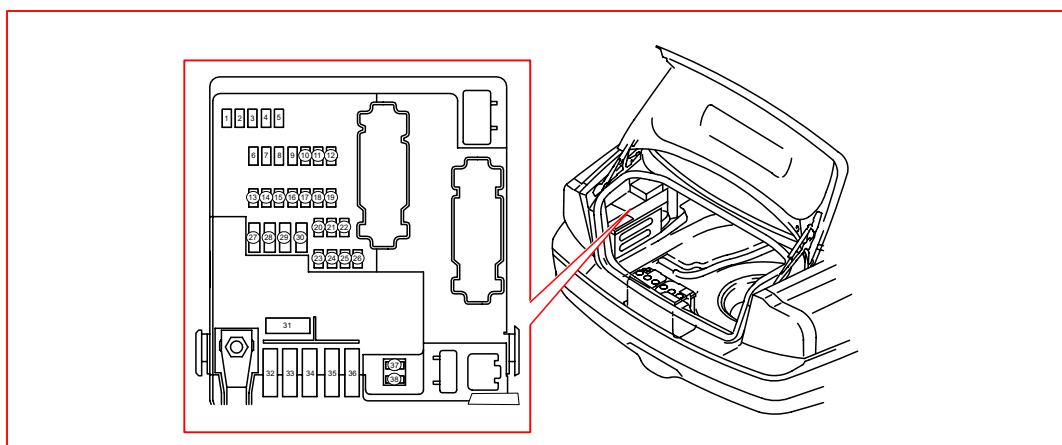


4/58 Rear Electronic Module (REM)

No.	Fuse function	via	A
F1	10/48 Right-hand reversing light	-	10
	10/55 Left-hand reversing light	-	
F2	10/42 Rear right parking light	-	20
	10/44 Right-hand tail light lamp 1	-	
	10/46 Fog light, right rear	-	
	10/49 Rear left parking light	-	
	10/51 Left-hand tail light lamp 1	-	
	10/53 Fog light, left rear	-	
	10/127 Lighting, cargo compartment, left-hand side	-	
	10/128 Lighting, cargo compartment, right-hand side	-	
F3	4/78 Accessory Electronic Module (AEM)	-	15
F5	4/58 Rear Electronic Module (REM)	-	10
F6	16/15 CD changer	-	7.5
	16/36 TV receiver	-	
	16/45 Road Traffic Information (RTI)	-	
F7	17/39 13-pin outlet, towbar cable harness	-	15
F8	17/19 12V outlet, cargo compartment	-	15
F9	6/93 Motor, rear right power window	3/86	20
F10	6/92 Motor, rear left power window	3/85	20
F13	8/85 Thermostatic switch and fuel filter heating	-	15
F19	8/59 Rear left head restraint solenoid	-	15
	8/60 Rear right head restraint solenoid	-	

Fuses

Rear Electronic Module (REM) F20-F38

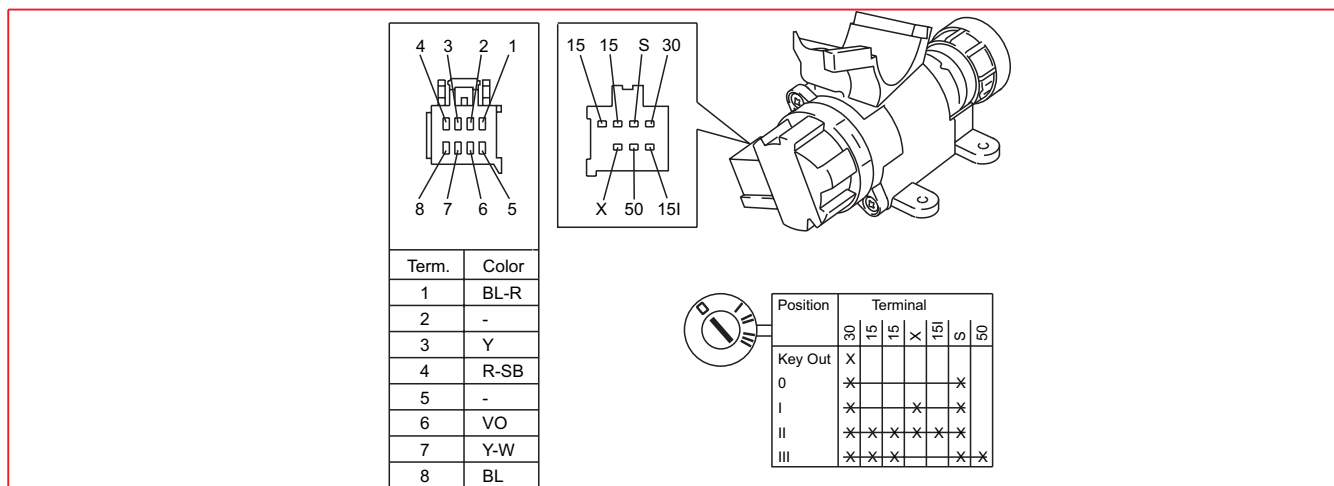


4/58 Rear Electronic Module (REM)

No.	Fuse function	via	A
F20	17/39 13-pin outlet, towbar cable harness 17/38 7-pin outlet, towbar cable harness	- -	20
F23	4/82 Differential Electronic Module (DEM)	-	7.5
F24	4/84 Suspension Module (SUM)	-	15
F26	4/86 Parking Assistance Module (PAM)	-	5
F27	Main fuse for F23-F24, F26 and F20	-	30
F28	3/76 Left-hand rear door lock unit 3/77 Right-hand rear door lock unit 3/78 Trunk lid lock unit 6/37 Lock motor, fuel filler flap	- - - -	15
F29	4/110 Trailer Module (TRM) - position lights - left-hand direction indicator	- - -	25
F30	4/110 Trailer Module (TRM) - brake lights - fog lights - right-hand direction indicator	- - - -	25
F31	Main fuse for: F37-F38	-	40
F37	9/2 Heated rear window	16/16	20
F38	9/2 Heated rear window	16/16	20

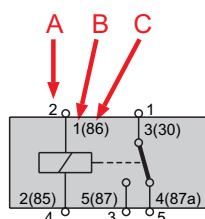
Relays

Ignition switch and relays



Relays, general

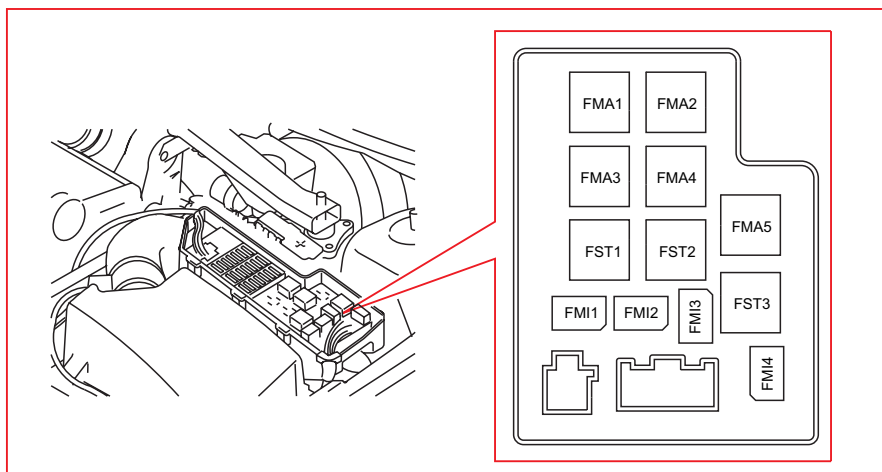
The diagram indicates two or three different designations for the relay's position. This is described below.



- 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 FMA2 - FST3

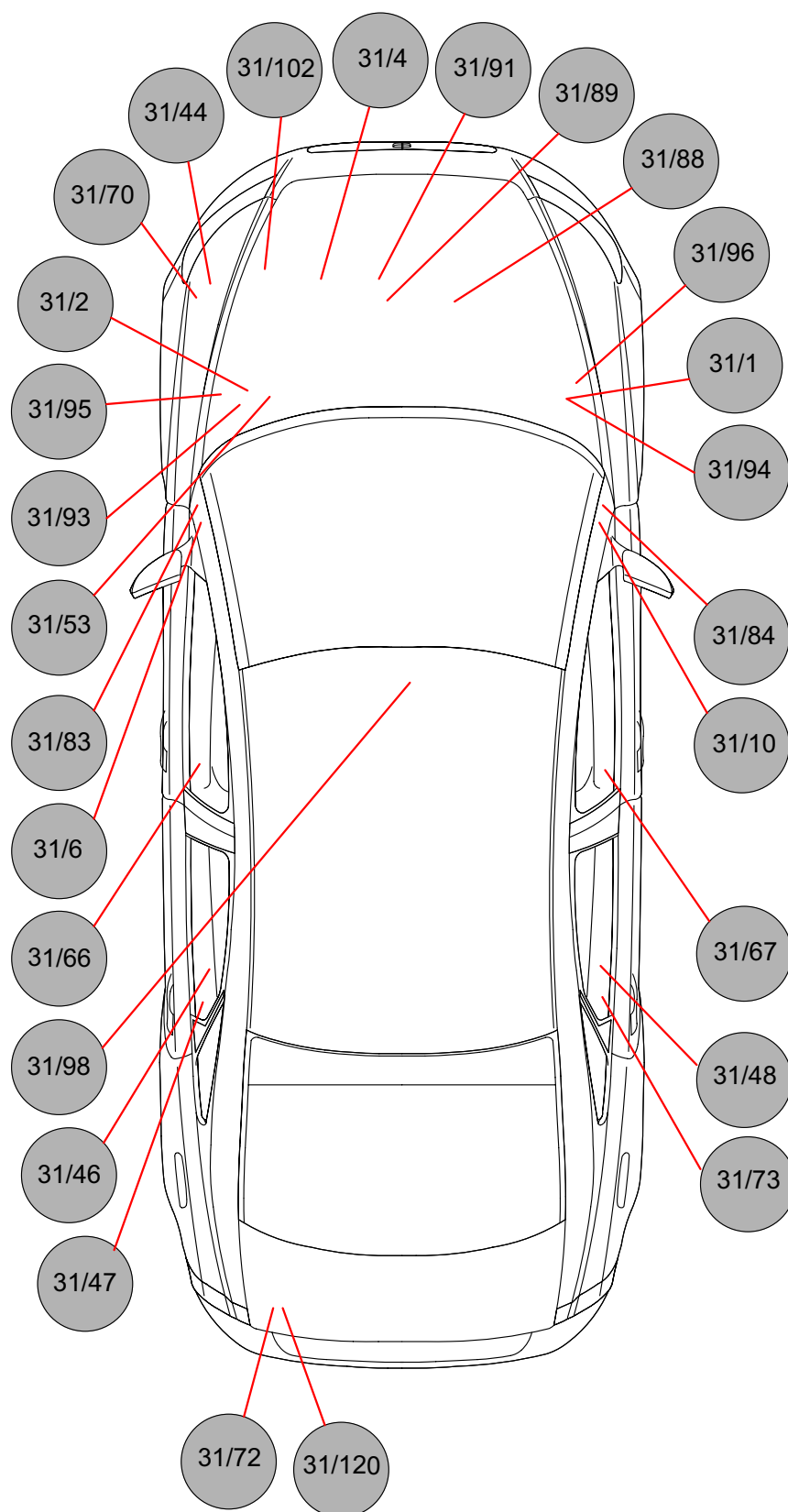


Relays in the engine compartment

Pos	Relay function	
FMA2	2/32	Engine management system main relay
FMA3	2/14	Relay, glow plug unit
FMA4	2/35	Starter motor relay
FMI1	2/22	Relay, climate control system
FMI2	2/33	Relay, fuel system, CNG/LPG
FST1	2/91	Relay, intermittent wiping
FST2	2/182	Relay, high pressure headlight washer motor
FST3	2/90	Relay, windshield wiper, low/high speed

Ground connections

Overview



Ground connection

31/1 - 31/44

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

31/2	Left MacPherson strut tower
4/71	Cooling fan control module

31/4	Engine
31/44	Ground connection

31/5	D-post, right-hand
9/2	Heated rear window

31/6	A-post, left-hand side
3/6	Hazard warning flasher switch
4/31	Fan control module, RHD
4/33	Sunroof Control Module (SRM)
4/56	Central Electronic Module (CEM), LHD
10/29	Glove compartment lighting
10/125	Left-hand front courtesy lighting
10/126	Right-hand front courtesy lighting
16/65	Antenna ring/ignition switch lighting

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)
9/1	Front 12V outlet
9/25	Rear 12V outlet

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

Ground connection

31/46 - 31/67

31/46	Rear seat riser, left-hand side
3/27	Switch unit, power passenger seat, RHD
3/76	Left-hand rear door lock unit
3/85	Rear left door power window switch
4/52	Power Seat Module (PSM), LHD
4/82	Differential Electronic Module (DEM)
8/51	Front left side airbag igniter
8/59	Rear left head restraint solenoid
9/12	Seat Heater Module (SHM), driver's side

31/47	Rear seat riser, left-hand side
4/58	Rear Electronic Module (REM)

31/48	Rear seat riser, right-hand side
4/83	Fuel pump control module
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)

31/67	Front seat riser, right-hand side
3/27	Switch unit, power passenger seat, LHD
3/86	Rear right door power window switch
3/127	Passenger/Driver Door Module (PDM)/(DDM)
4/52	Power Seat Module (PSM), RHD
6/35	Fuel pump, auxiliary heater
8/52	Front right side airbag igniter
9/13	Seat Heater Module (SHM), passenger side
10/123	Right rear courtesy lighting, S80

Ground connection

31/70 - 31/83

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

31/72	Cargo compartment
4/58	Rear Electronic Module (REM)
4/86	Parking Assistance Module (PAM)
7/100	Inclination Sensor Module (ISM)
10/18	Lamp housing, rear left
10/127	Lighting, cargo compartment, left-hand side
16/15	CD changer, accessories
16/45	Road Traffic Information (RTI)

31/73	Rear seat riser, right-hand side
8/60	Rear right head restraint solenoid
8/76	Gas tank valve, Bi-Fuel
8/85	Thermostatic switch and fuel filter heating
8/88	Solenoid, gas tank CNG rear
8/89	Solenoid, fuel tank CNG front left
8/90	Solenoid, fuel tank CNG front right
10/17	Lamp housing, rear right
10/128	Lighting, cargo compartment, right-hand side
17/19	12V outlet, cargo compartment

31/83	A-post, left-hand side
3/117	Switch unit, dome light
4/33	Sunroof Control 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)
10/19	Auxiliary brake light
10/114	Left-hand vanity mirror lighting
16/65	Antenna ring/ignition switch lighting
31/98	Ground connection

Ground connections

31/84 - 31/91

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)
6/48	Damper Motor Module (DMM), recirculation
6/69	Damper Motor Module (DMM)
6/95	Damper Motor Module (DMM), left-hand side
6/96	Damper Motor Module (DMM), 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)
16/2	Amplifier
16/46	RTI Display
16/60	Phone Module (PHM)
17/13	Data link connector

31/88	Engine, ignition coils, group 1
20/3	Spark plug and ignition coil
20/4	Spark plug and ignition coil

31/89	Engine, ignition coils, group 2
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 and ignition coil

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

Ground connection

31/93

31/93	Left MacPherson strut tower
3/10	Reversing light contact, MAN
3/62	Hood alarm contact
4/7	Combustion Preheater Module (CPM)
4/56	Central Electronic Module (CEM)
4/99	Electronic power steering control module
6/1	Windshield wiper motor
6/4	Motor, left-hand headlight
6/38	Left-hand headlight level adjustment motor
6/114	Vacuum pump
7/4	Brake fluid level sensor
7/73	Coolant level sensor
7/51	Accelerator pedal sensor
8/37	Automatic transmission
8/79	Valve LPG, Bi-Fuel
8/134	Solenoid, reverse interlock, manual
9/30	Auxiliary heater
10/1	Left-hand front lamp housing
10/5	Front left fog light
10/11	Front left parking light
10/13	Front left direction indicator
10/15	Front left fender direction indicator, EU/OS
10/71	Side marker light, front left
15/31	Engine compartment distribution box
16/10	Horn 1
16/11	Horn 2
20/16	Capacitor
2/91	Relay, intermittent wiping
54/9	Connector

Ground connection

31/94 - 31/102

31/94	Right MacPherson strut tower
4/28	Transmission Control Module (TCM)
6/39	Right-hand headlight adjustment motor
10/2	Right-hand front lamp housing
10/6	Front right fog light
10/12	Front right parking light
10/14	Front right direction indicator
10/16	Front right fender direction indicator, EU/OS
10/73	Side marker light, front right
16/35	Siren Control Module (SCM)

31/95	Left MacPherson strut tower
4/16	Brake control module (BCM)

31/96	Right MacPherson strut tower
4/46	Engine Control Module (ECM)
6/105	Fuel distributor, gas, CNG/LPG
9/32	PTC resistor - air preheating, Diesel, Gasoline 5-cyl

31/98	Windshield member, upper
3/117	Switch unit, dome light
4/33	Sunroof Control Module (SRM)
4/70	Upper Electronic Module (UEM)
5/1	Driver Information Module (DIM)
7/122	Mass Movement Sensor (MMS)
7/149	Rain Sensor Module (RSM)
10/19	Auxiliary brake light
10/114	Left-hand vanity mirror lighting
10/115	Right-hand vanity mirror lighting
10/150	Rear reading light
16/65	Antenna ring/ignition switch lighting
31/83	Ground connection

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

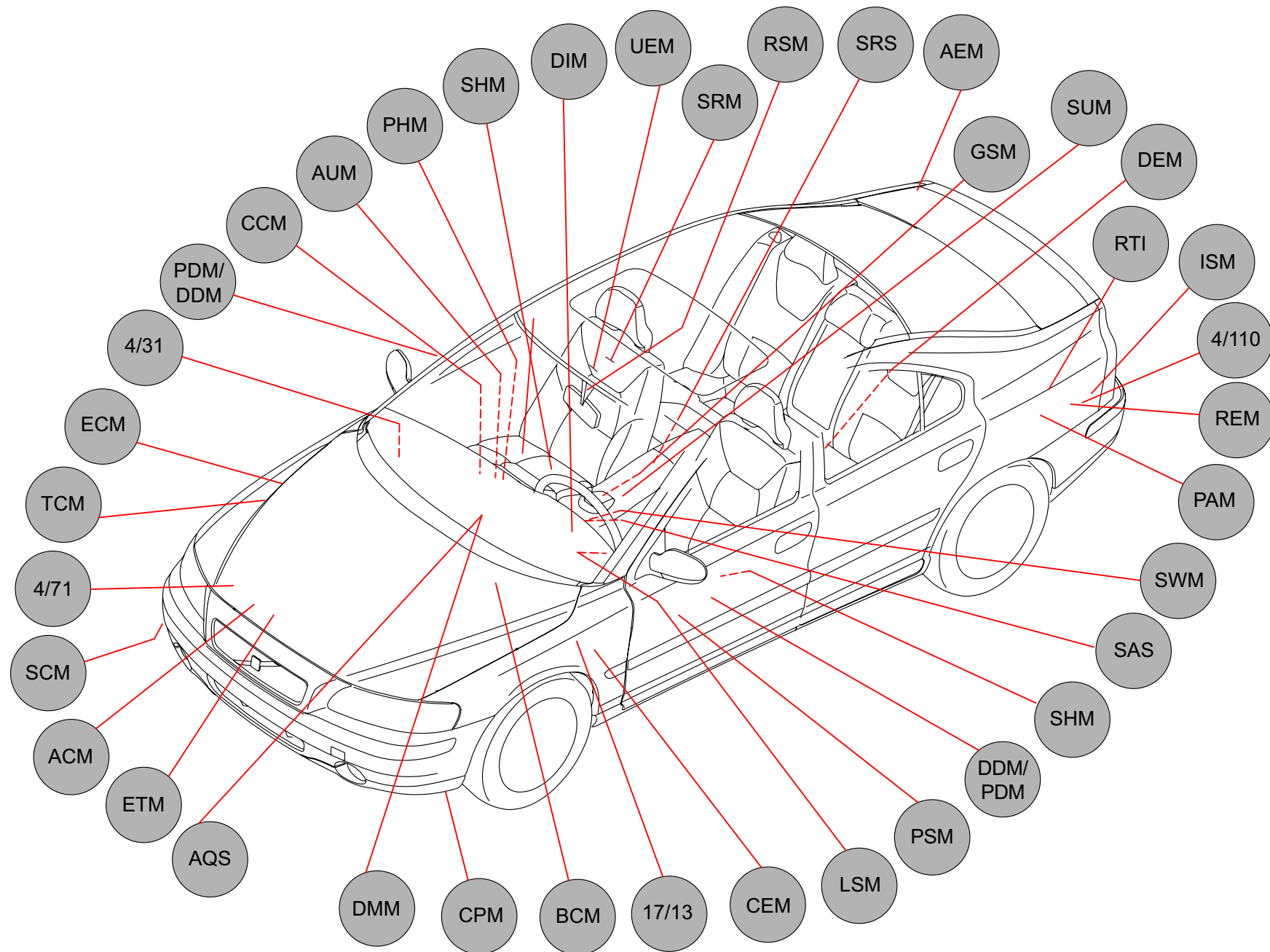
Ground connection

31/120

31/120 Cargo compartment	
2/191	Relay, remote parking heater start, radio signal
4/78	Accessory Electronic Module (AEM)
4/106	Control module, remote parking heater start
4/110	Trailer Module (TRM)
17/39	13-pin outlet, towbar cable harness
17/38	7-pin outlet, towbar cable harness
16/15	CD changer
16/46	RTI Display

Control modules

Overview of locations



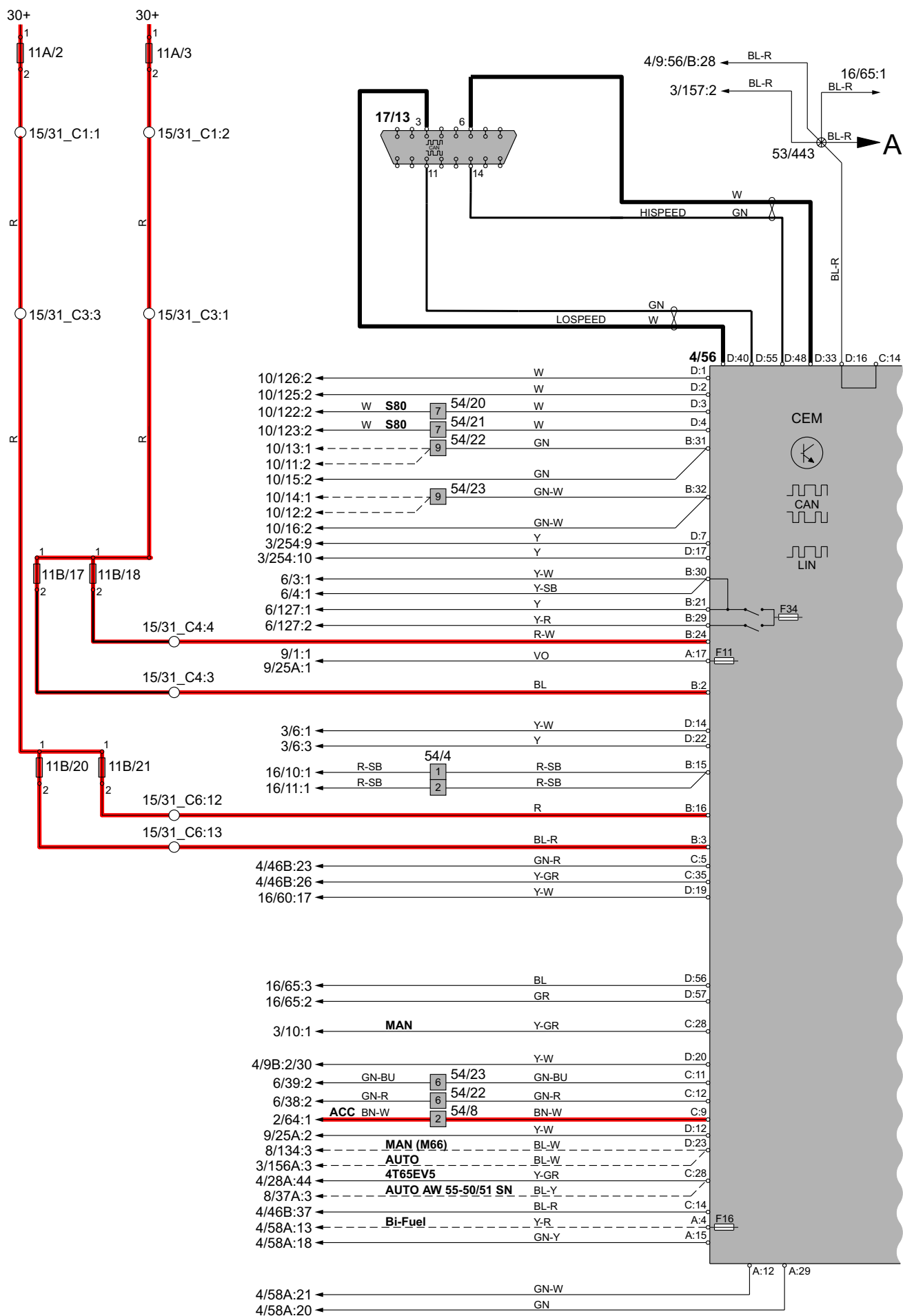
Control modules

Overview of designations

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)
CCM	3/112 Climate Control Module (CCM)
CEM	4/56 Central Electronic Module (CEM)
CPM	4/7 Combustion Preheater Module (CPM)
DDM/PDM	3/126 Driver/Passenger Door Module (DDM)/(PDM)
DEM	4/82 Differential Electronic Module (DEM)
DIM	5/1 Driver Information Module (DIM)
DMM	Damper Motor Module (DMM) -6/48 Damper Motor Module (DMM), recirculation -6/95 Damper Motor Module (DMM), left-hand side -6/96 Damper Motor Module (DMM), right-hand side -6/102 Damper Motor Module (DMM), defroster -6/103 Damper Motor Module (DMM), floor/ventilation
ECM	4/46 Engine Control Module (ECM)
ETM	4/50 Electronic Throttle Module (ETM)
GSM	3/156 Gear Selector Module (GSM)
ISM	7/100 Inclination Sensor Module (ISM)
LSM	3/111 Light Switch Module (LSM)
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)
REM	4/58 Rear Electronic Module (REM)
RSM	7/149 Rain Sensor Module (RSM)
RTI	16/45 Road Traffic Information (RTI)
SAS	4/68 Steering Angle Sensor Module (SAS)
SCM	16/35 Siren Control Module (SCM)
SHM	Seat Heater Module (SHM) -9/12 Seat Heater Module (SHM), driver's side -9/13 Seat Heater Module (SHM), passenger side
SRM	4/33 Sunroof Control Module (SRM)
SRS	4/9 Control module, Supplemental Restraint System (SRS)
SUM	4/84 Suspension Module (SUM)
SWM	3/254 Steering Wheel Module (SWM)
TCM	4/28 Transmission Control Module (TCM)
TRM	4/110 Trailer Module (TRM)
UEM	4/70 Upper Electronic Module (UEM)
4/31	4/31 Fan control module
4/71	4/71 Cooling fan control module
17/13	17/13 Data link connector

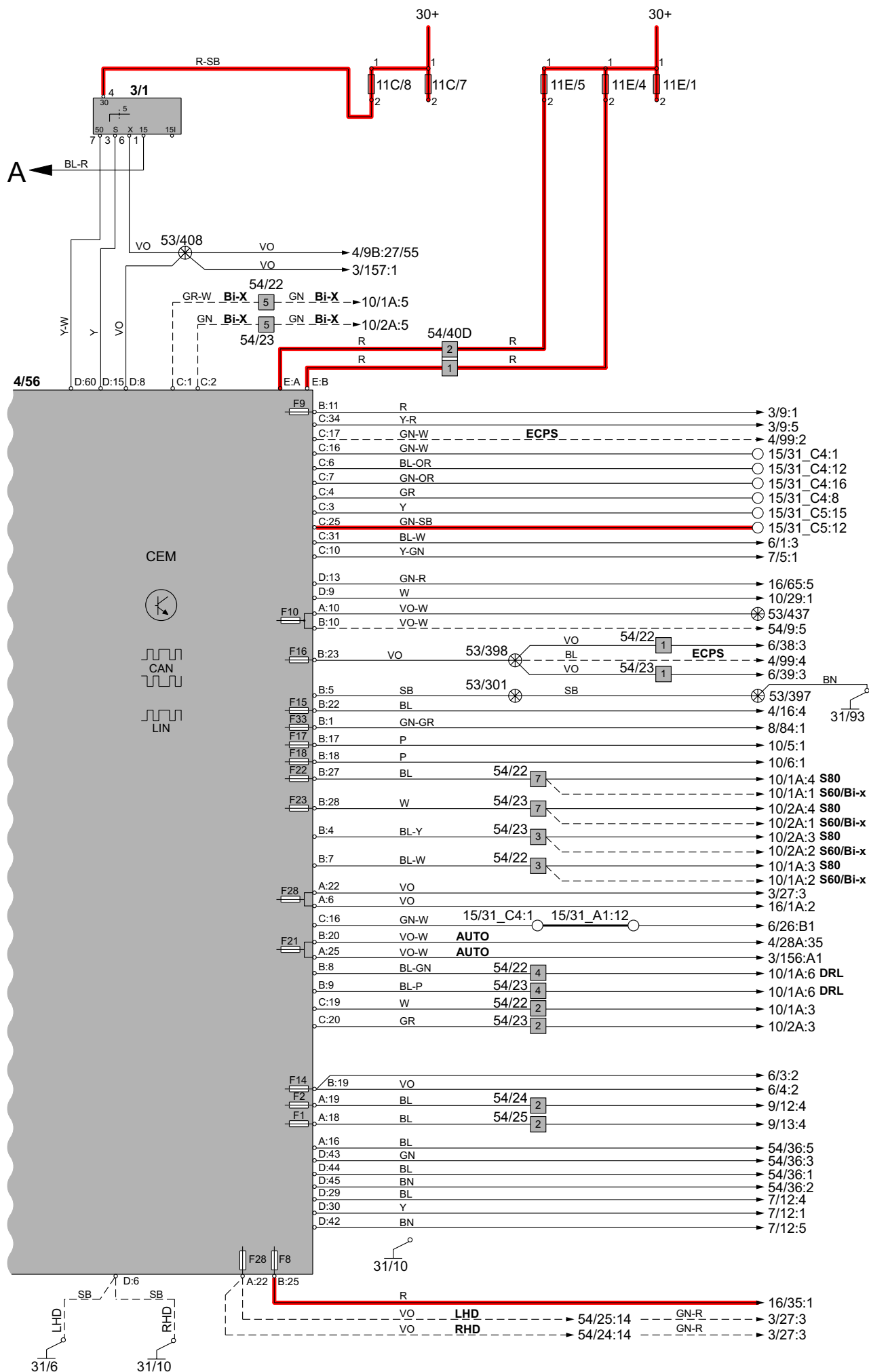
Control modules

Central Electronic Module (CEM) 1:2



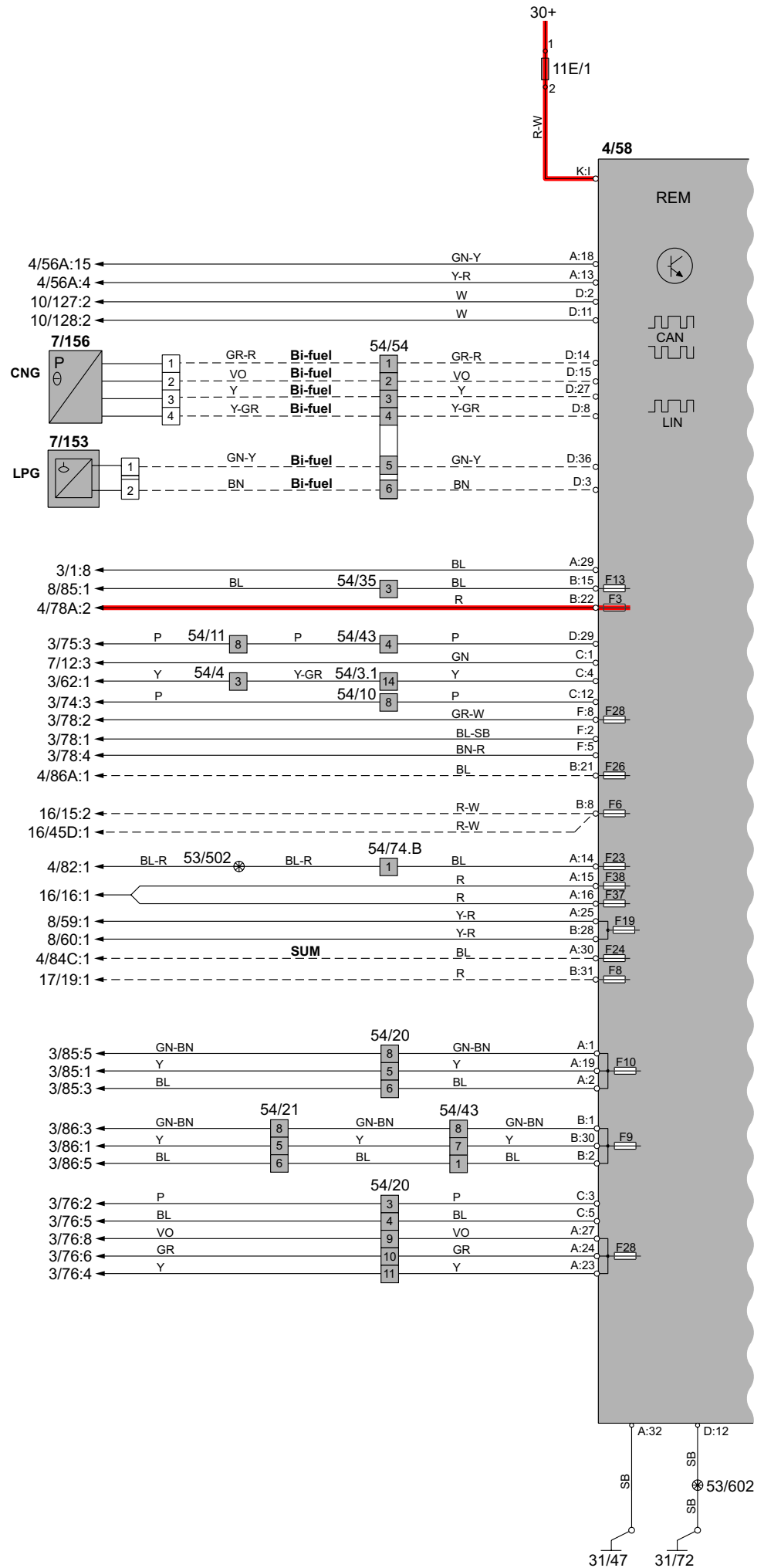
Control modules

Central Electronic Module (CEM) 2:2



Control modules

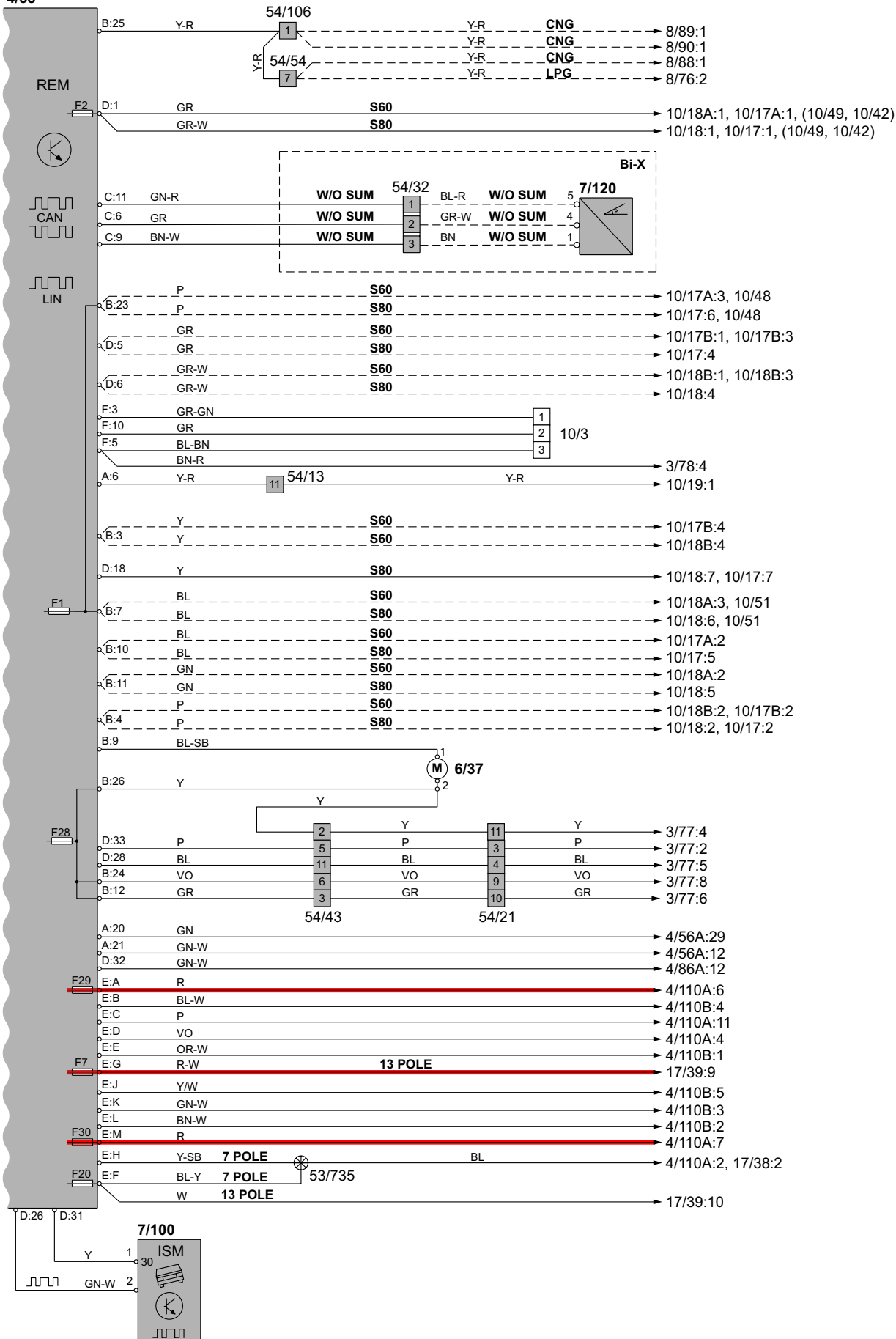
Rear Electronic Module (REM) 1:2



Control modules

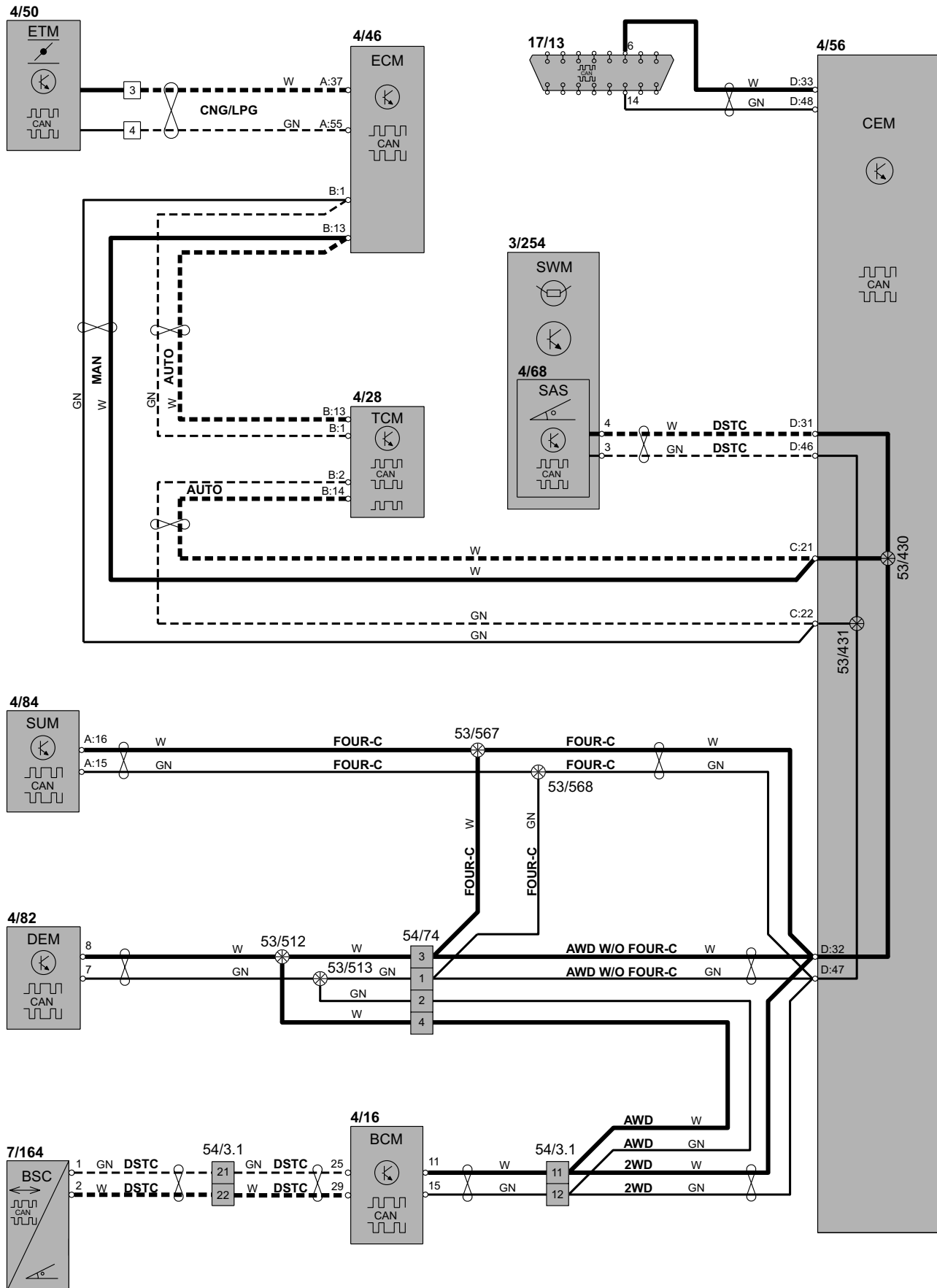
Rear Electronic Module (REM) 2:2

4/58



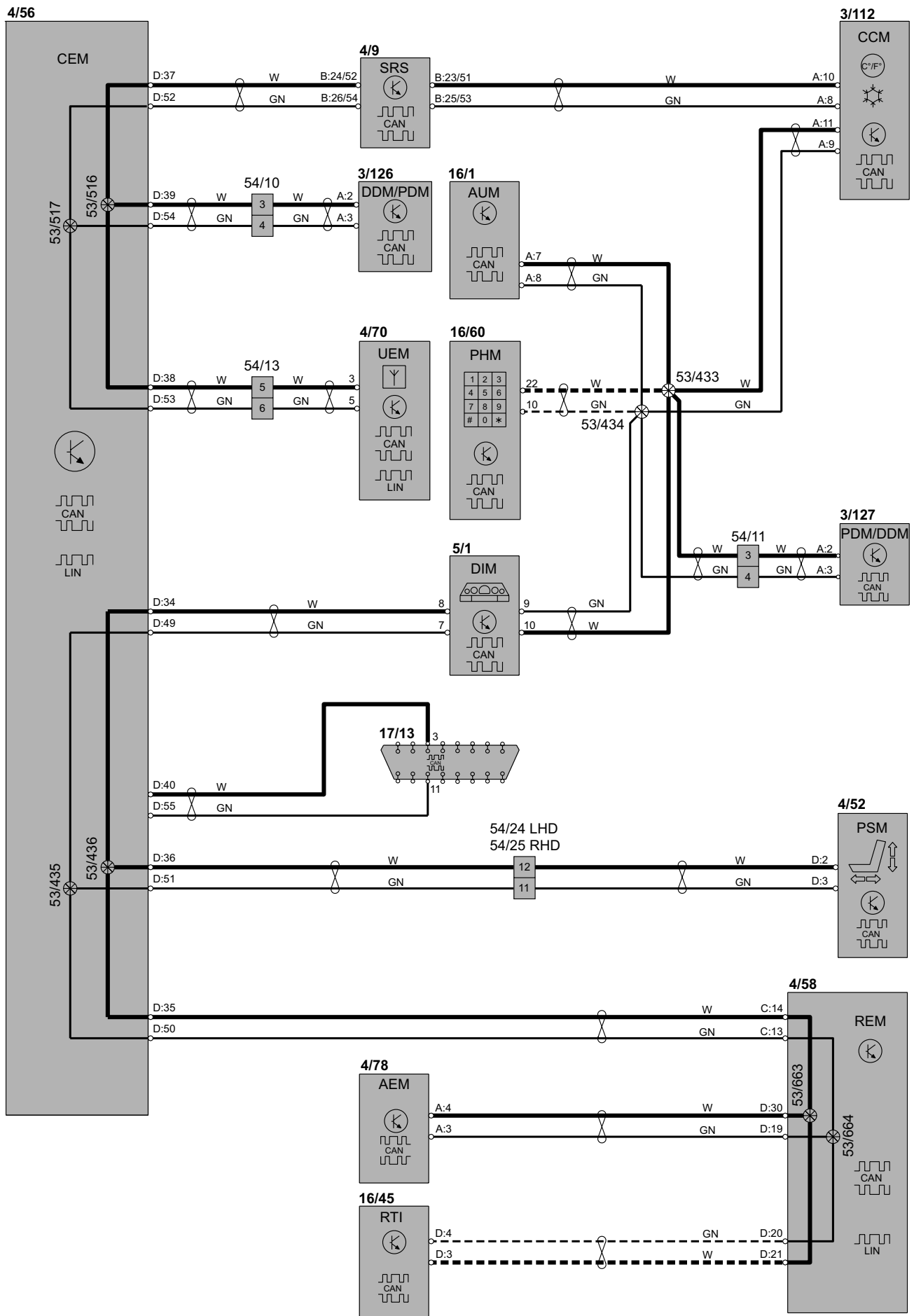
Control modules

High speed CAN data communication



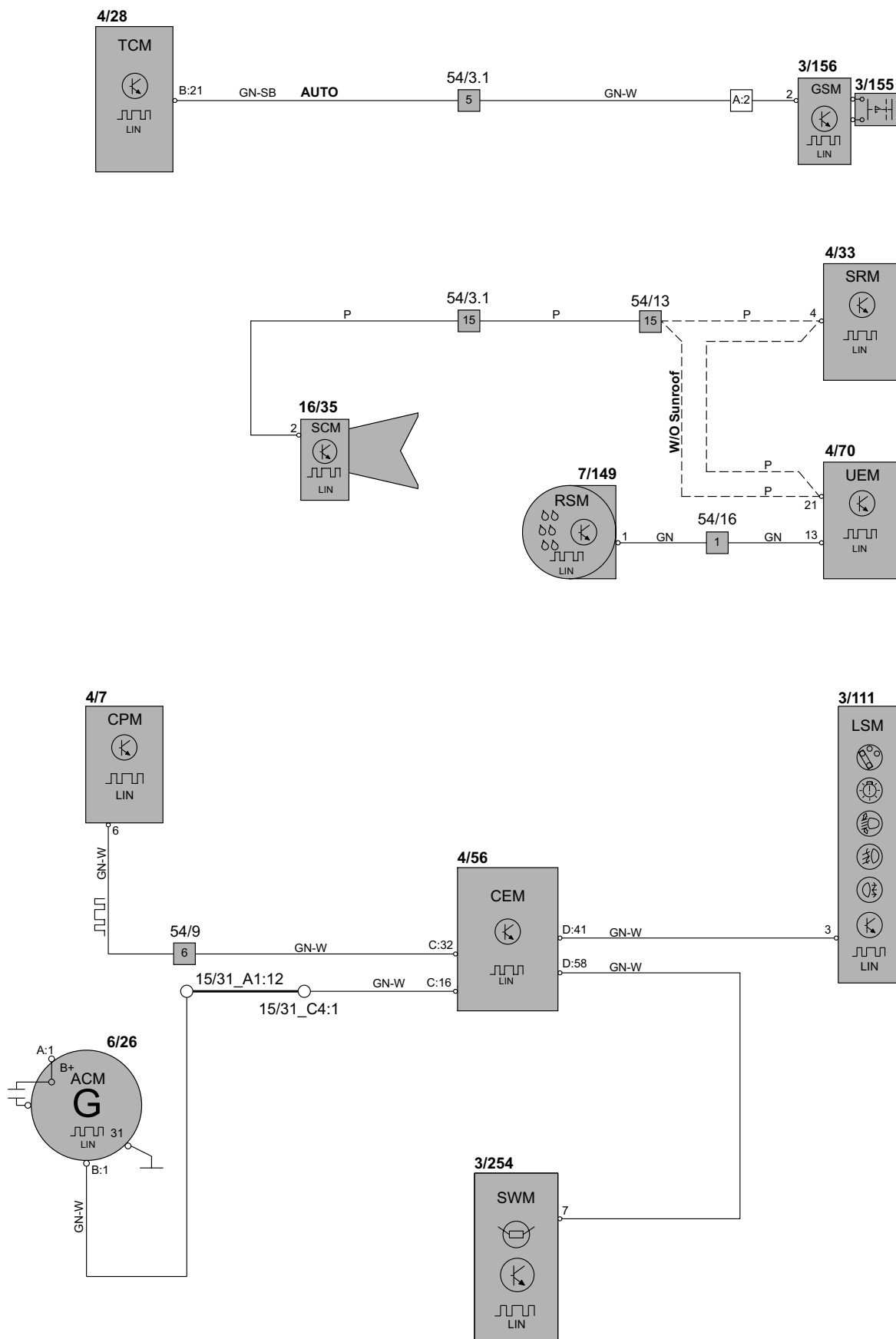
Control modules

Low speed CAN data communication



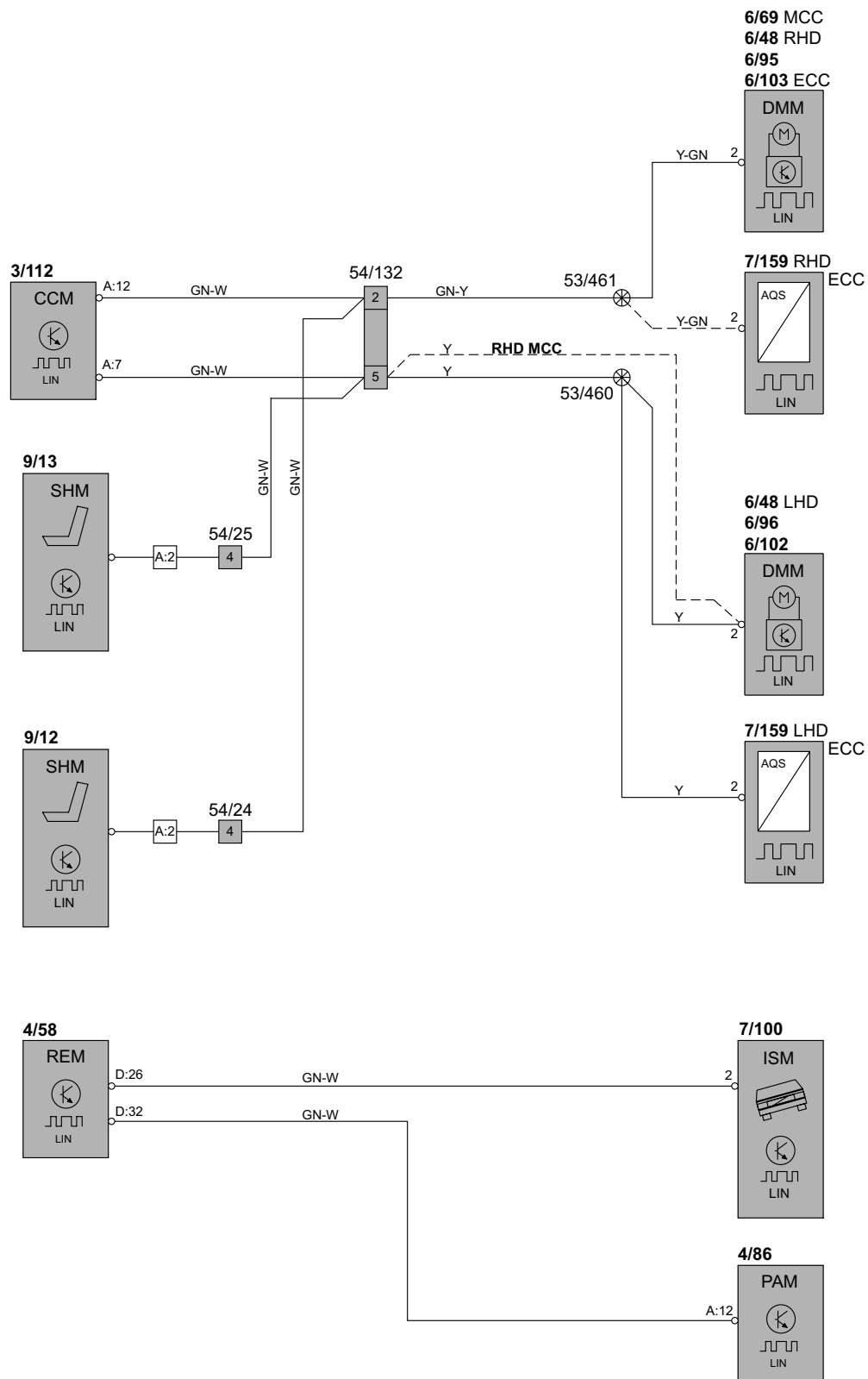
Control modules

LIN data communication 1:2

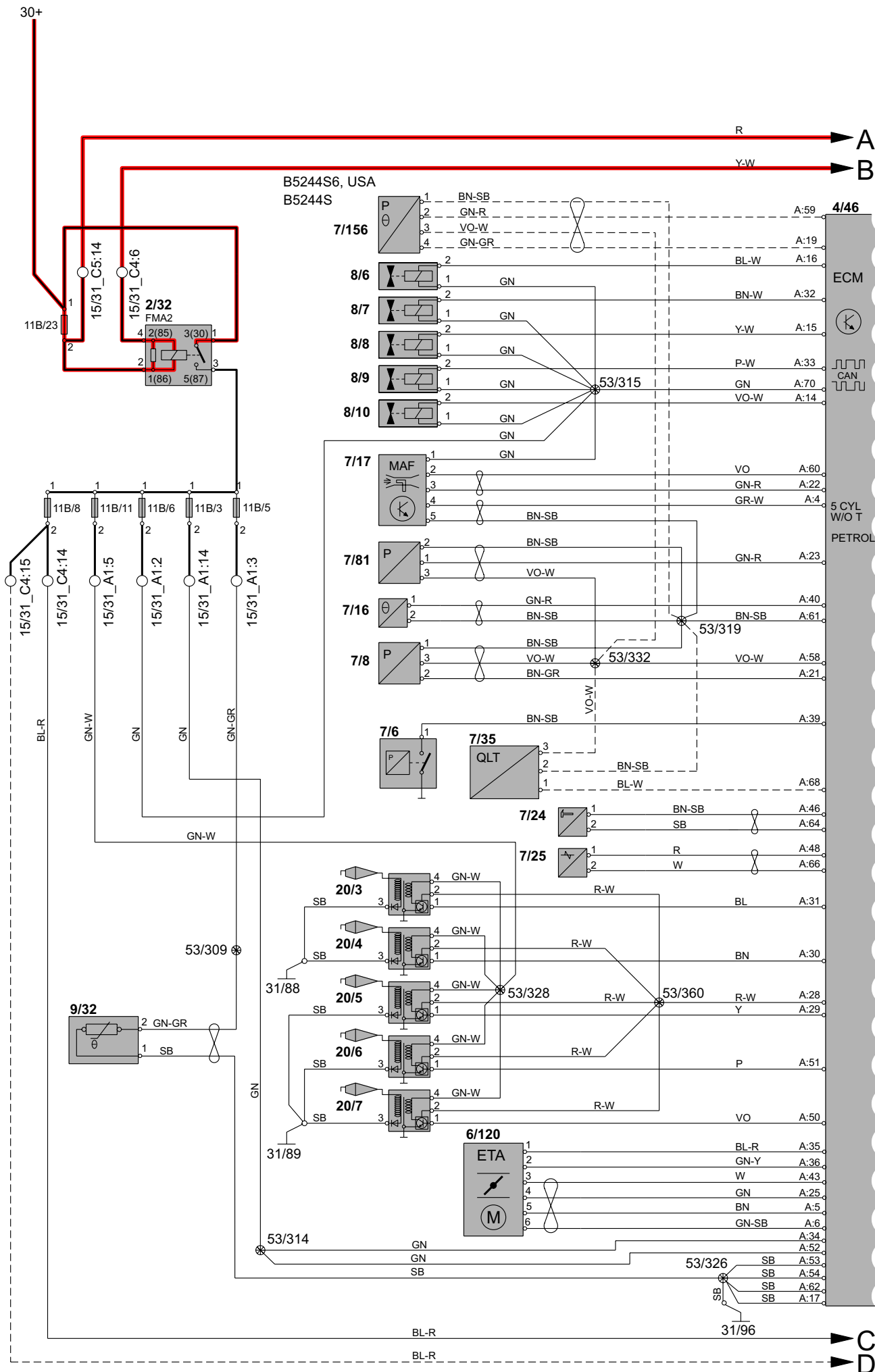


Control modules

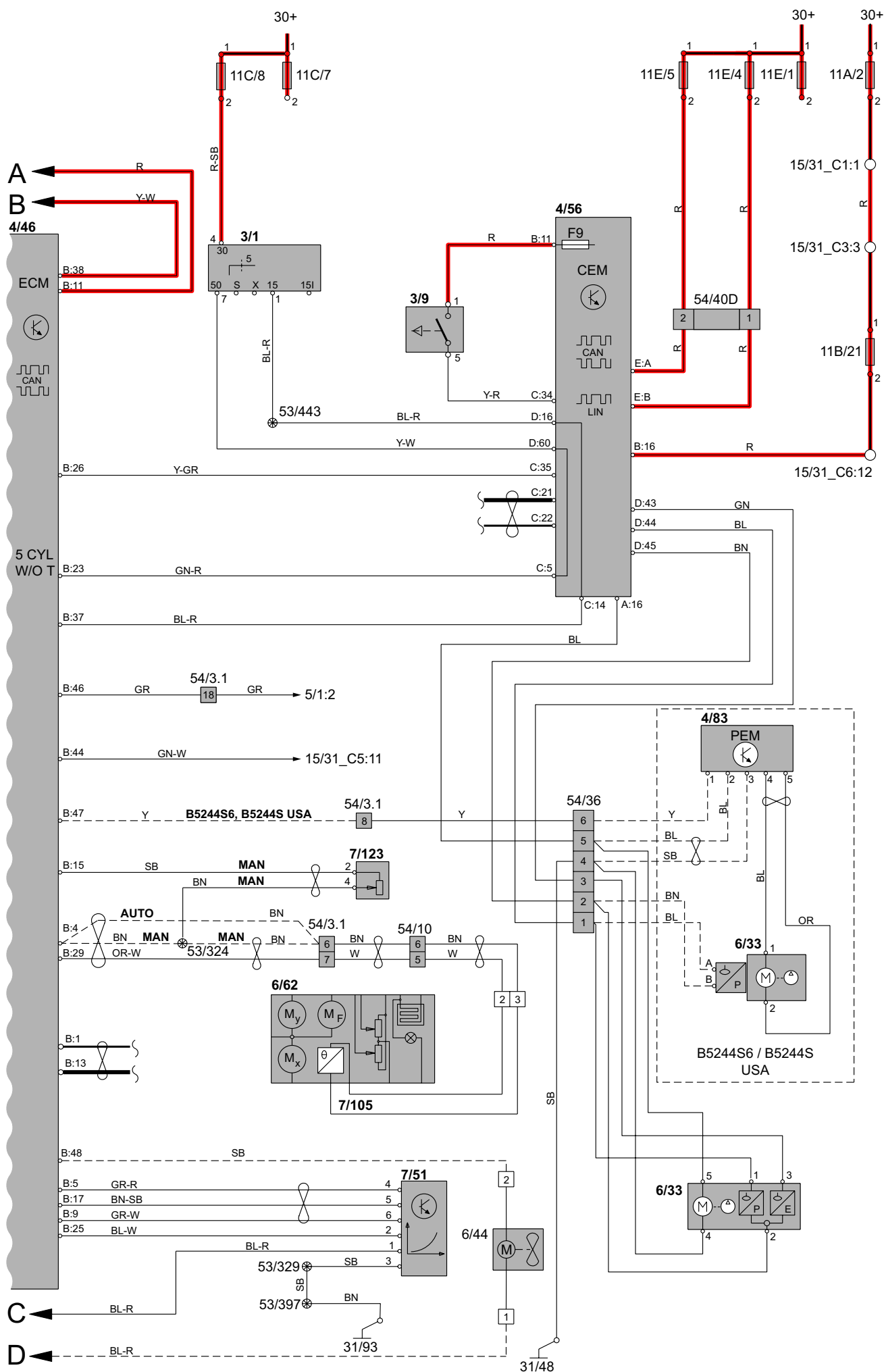
LIN data communication 2:2



Engine management system, 5-cyl 1:2

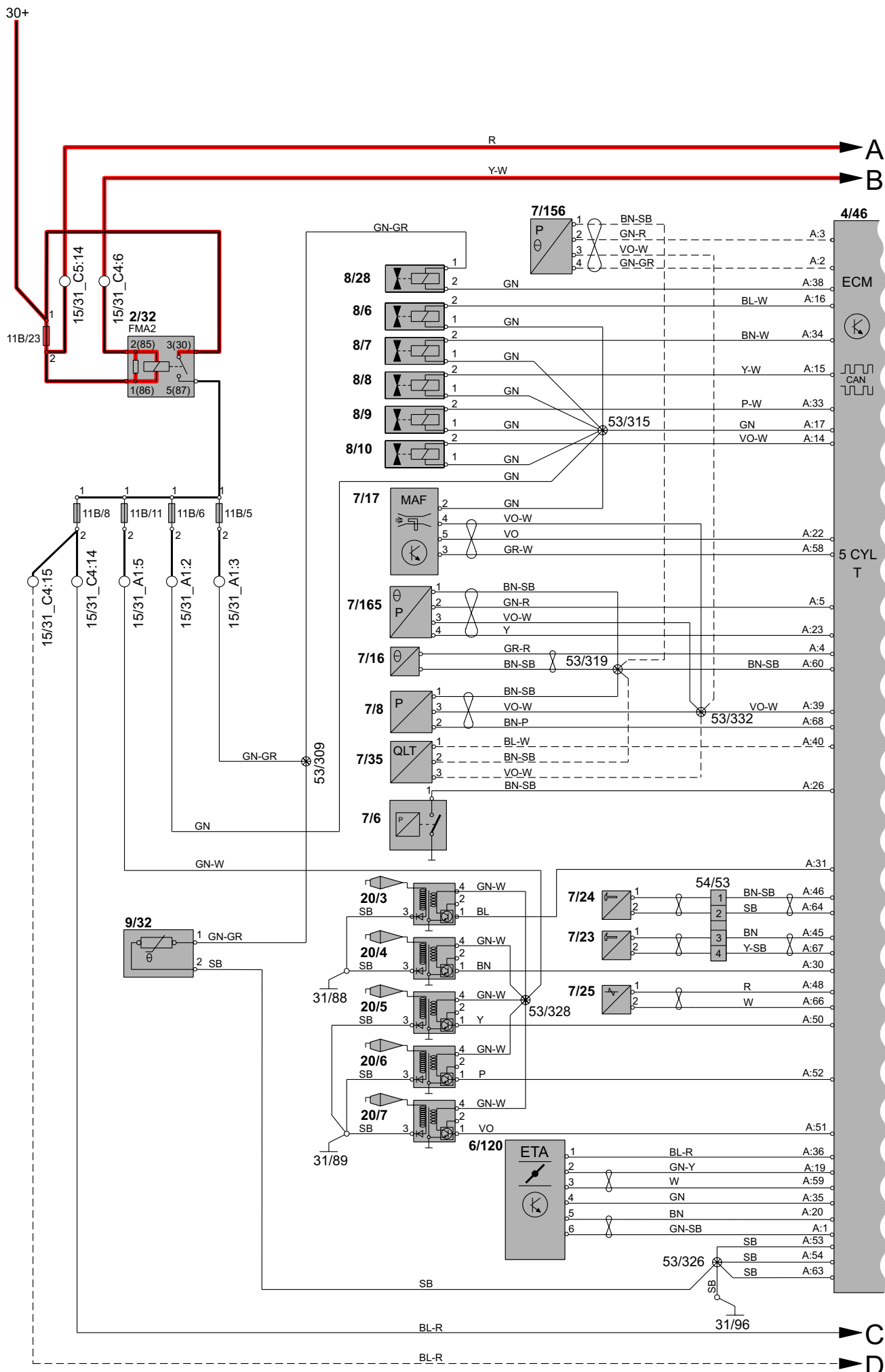


Engine management system, 5-cyl 2:2

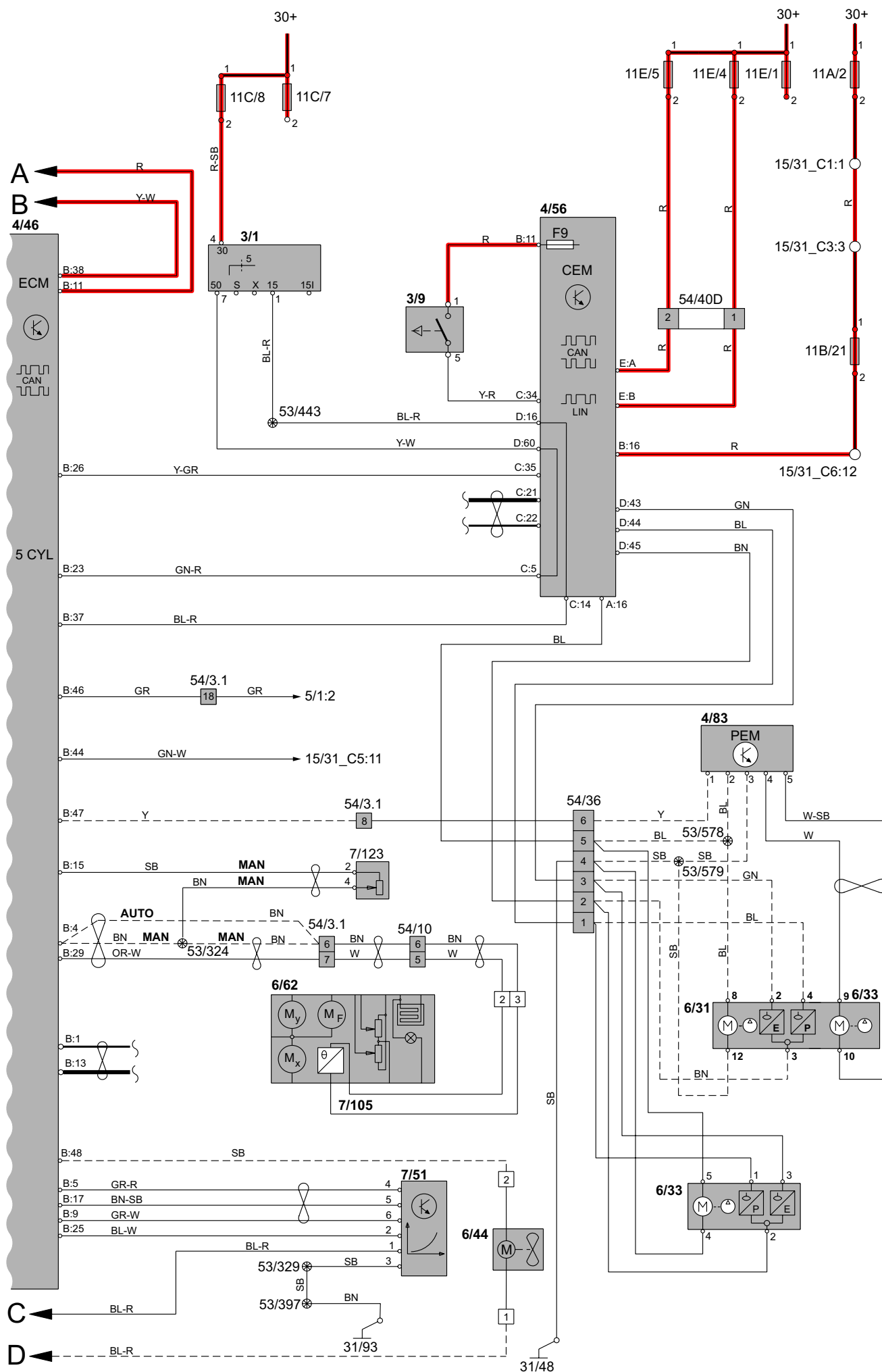


Group 23 Fuel system

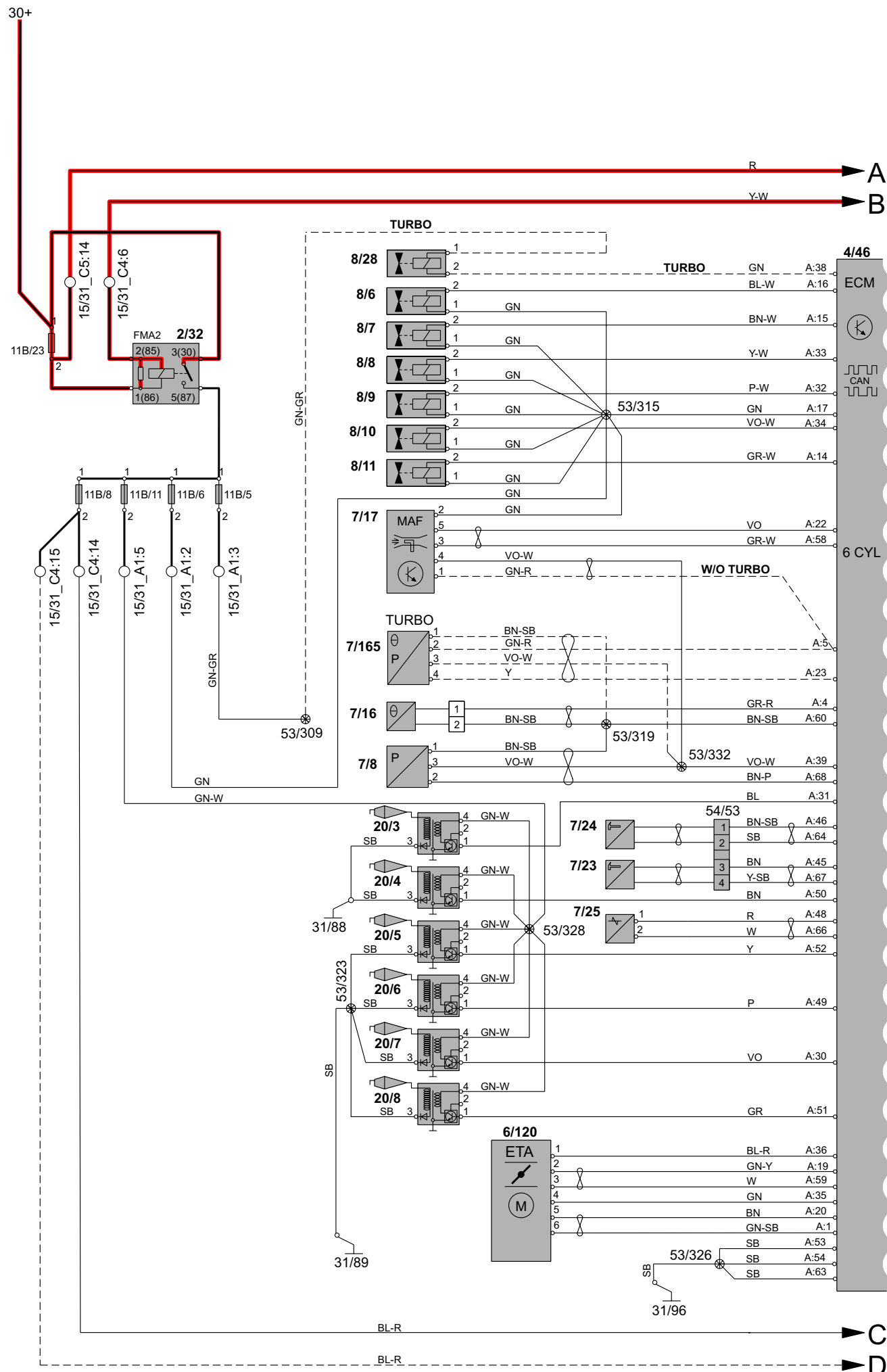
Engine management system, 5-cyl Turbo 1:2



Engine management system, 5-cyl Turbo 2:2

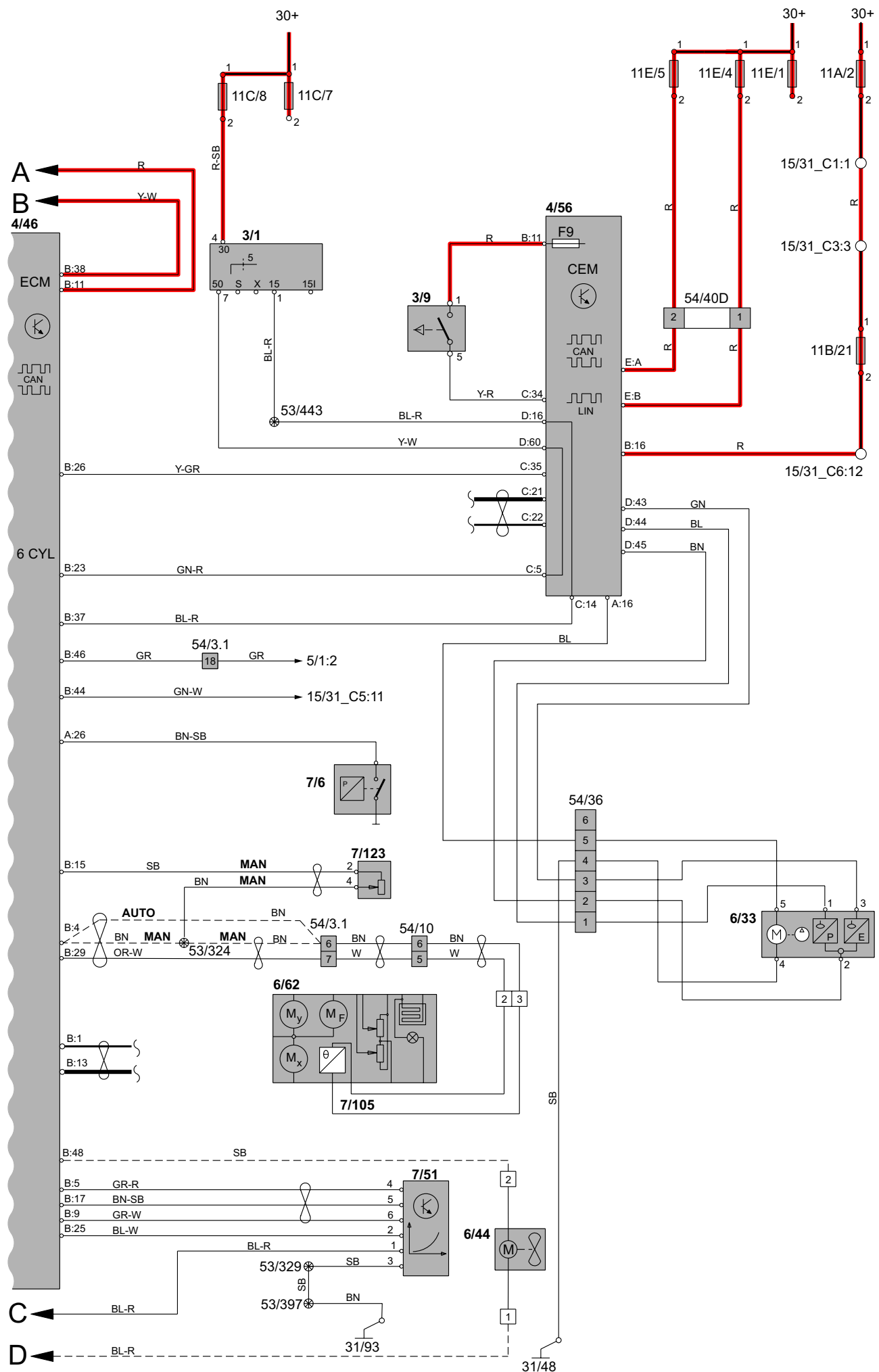


Group 23 Fuel system
Engine management system, 6-cyl 1:2

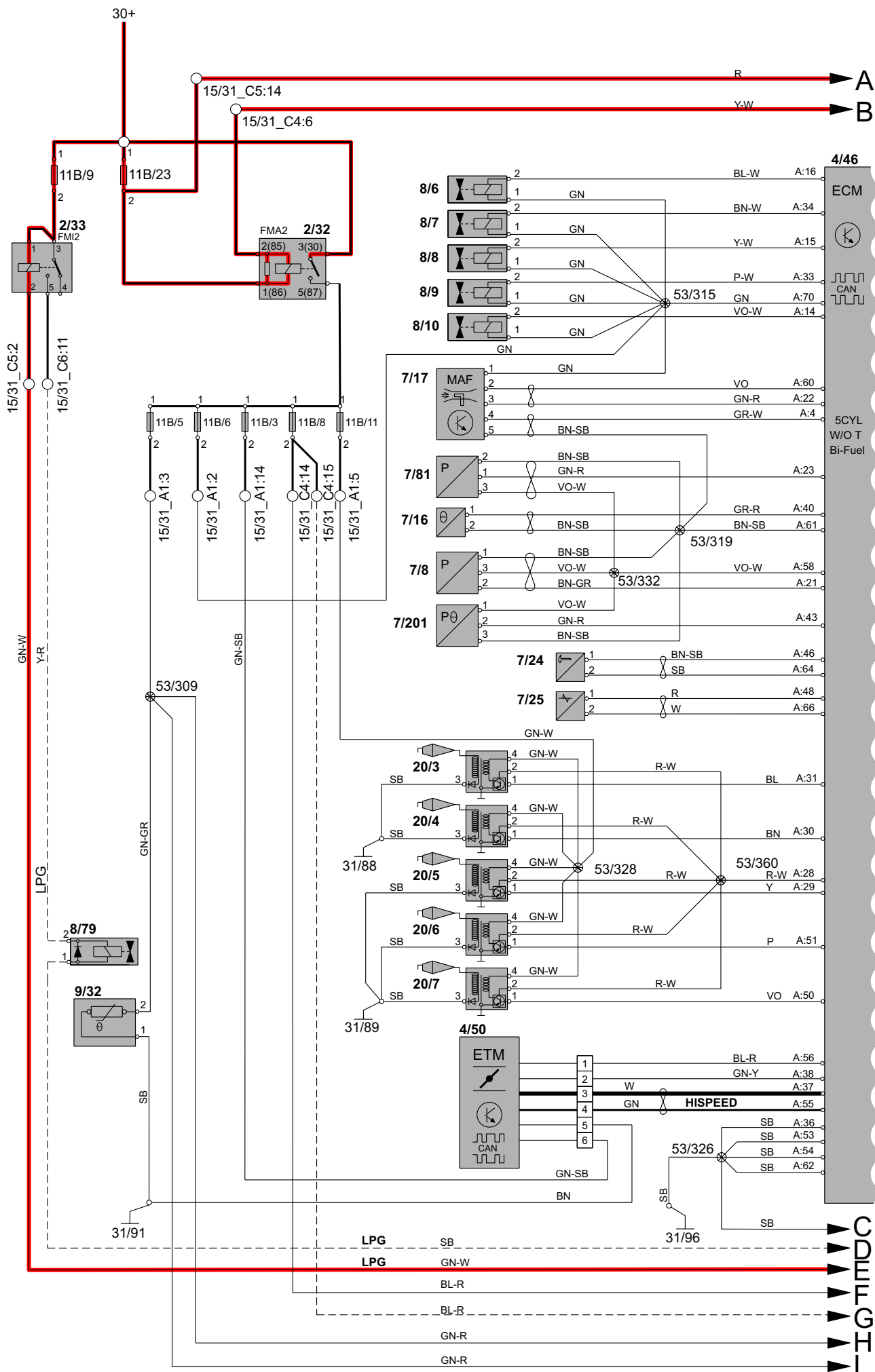


Group 23 Fuel system

Engine management system, 6-cyl 2:2

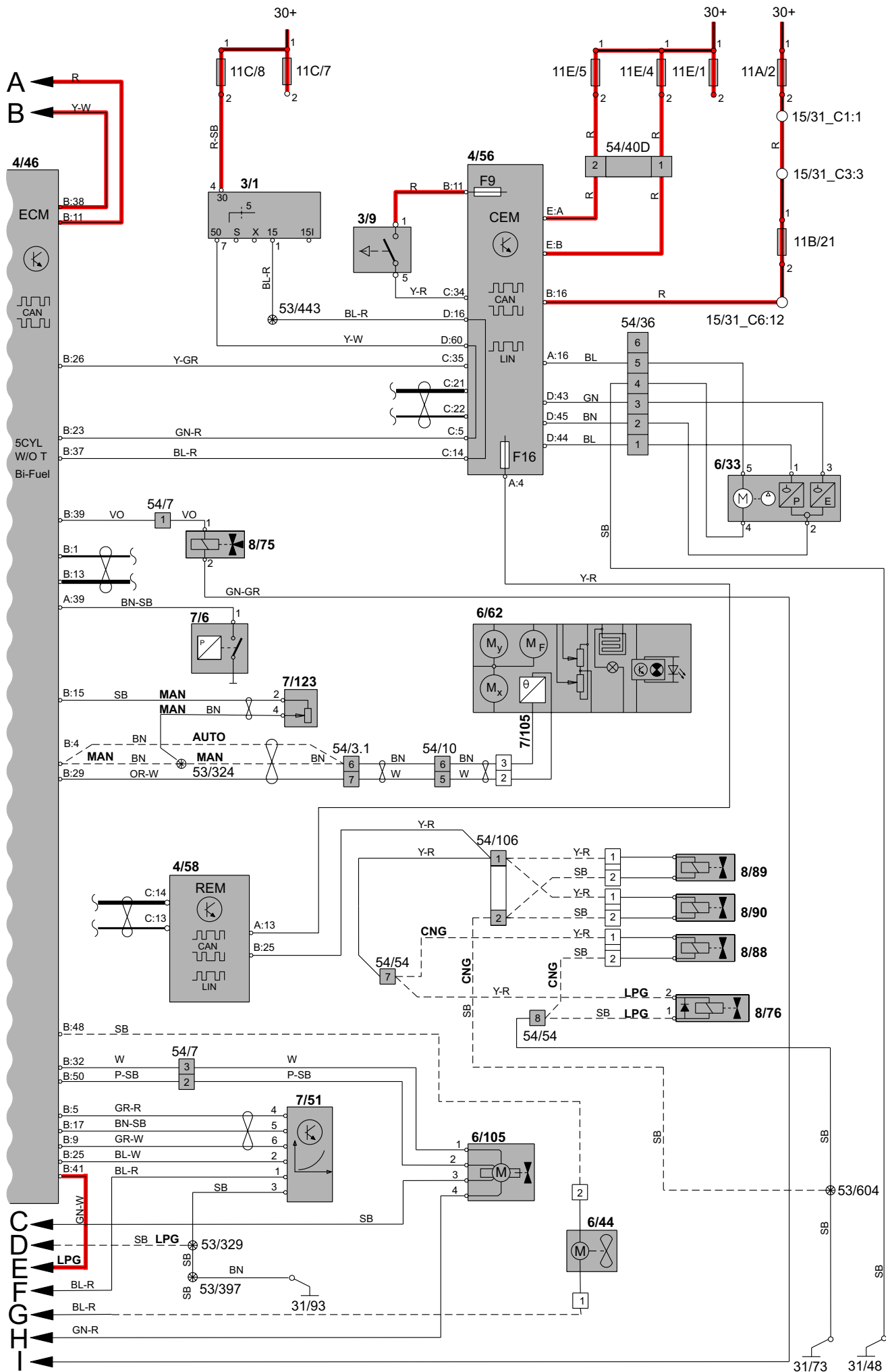


Engine management system, Bi-fuel 1:2



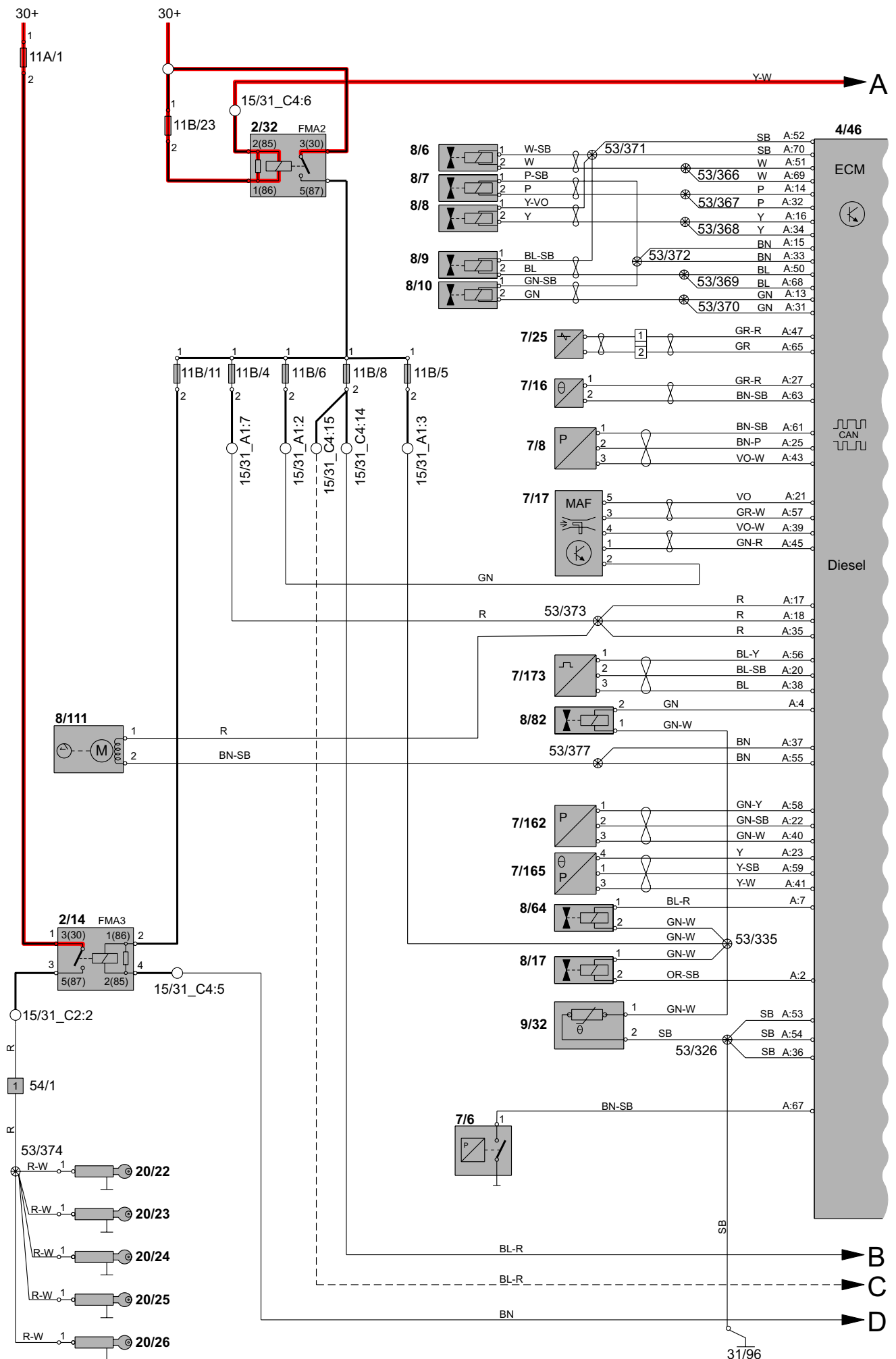
Group 23 Fuel system

Engine management system, Bi-fuel 2:2

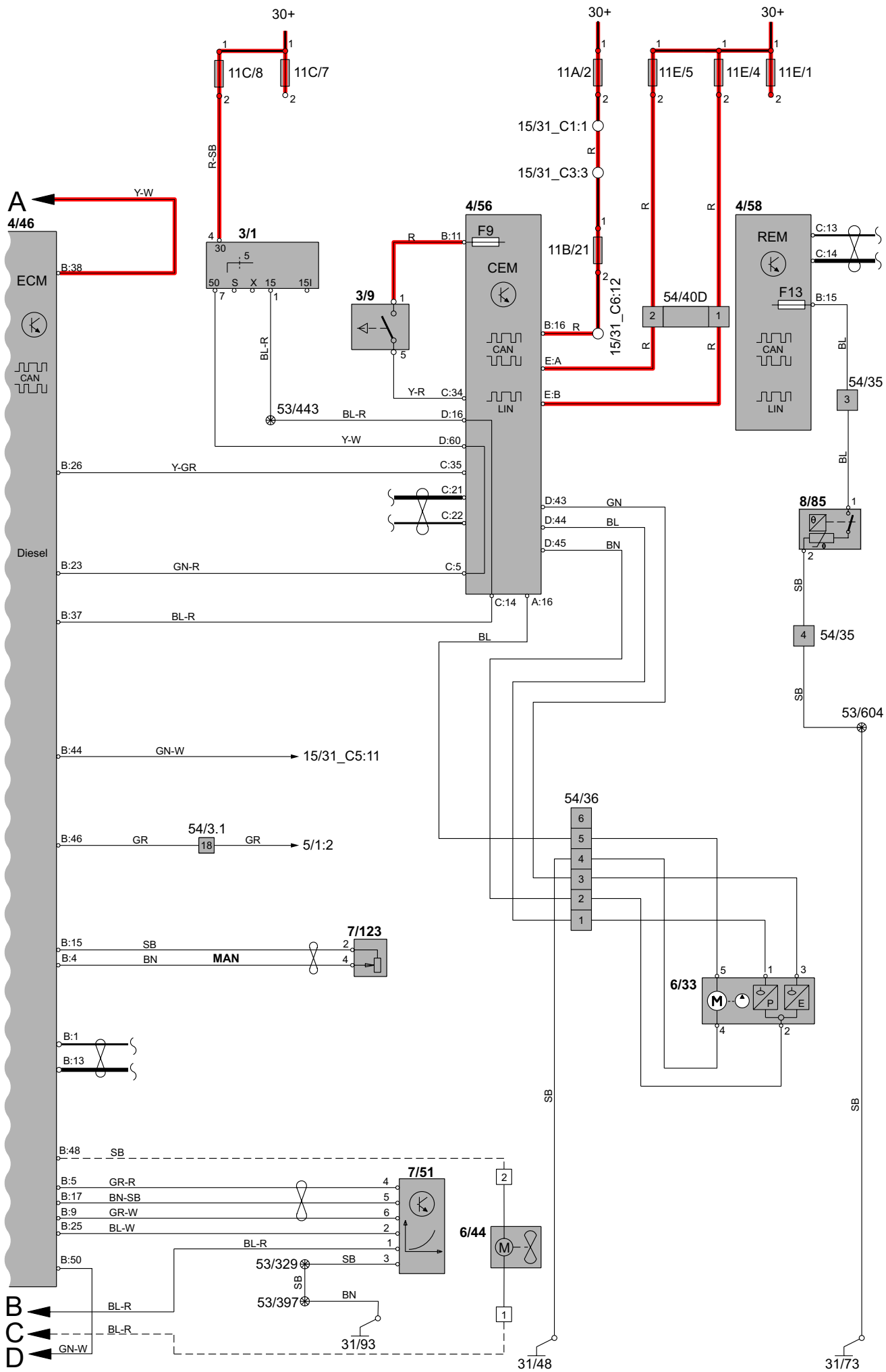


Group 23 Fuel system

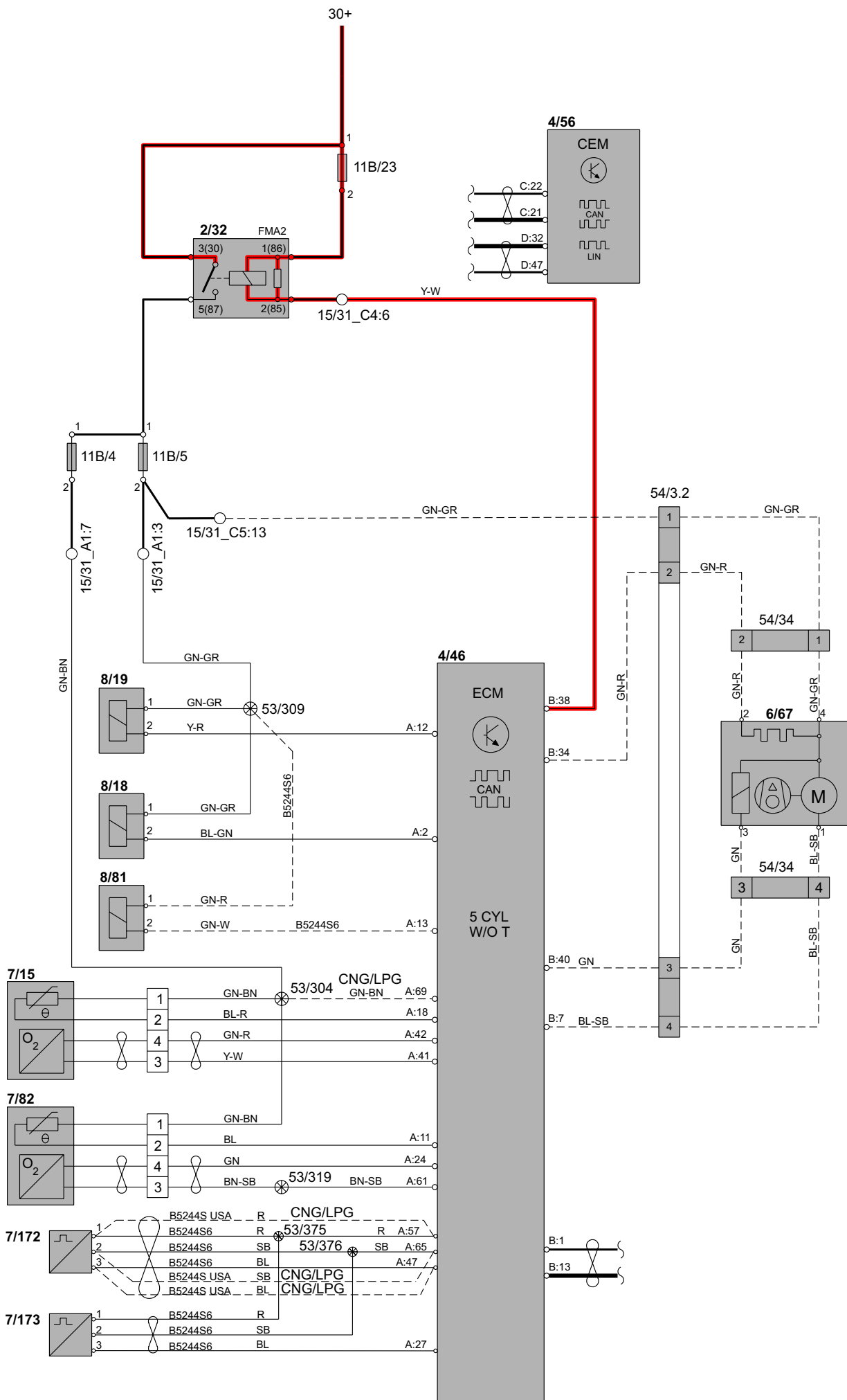
Engine management system, Diesel 1:2



Engine management system, Diesel 2:2

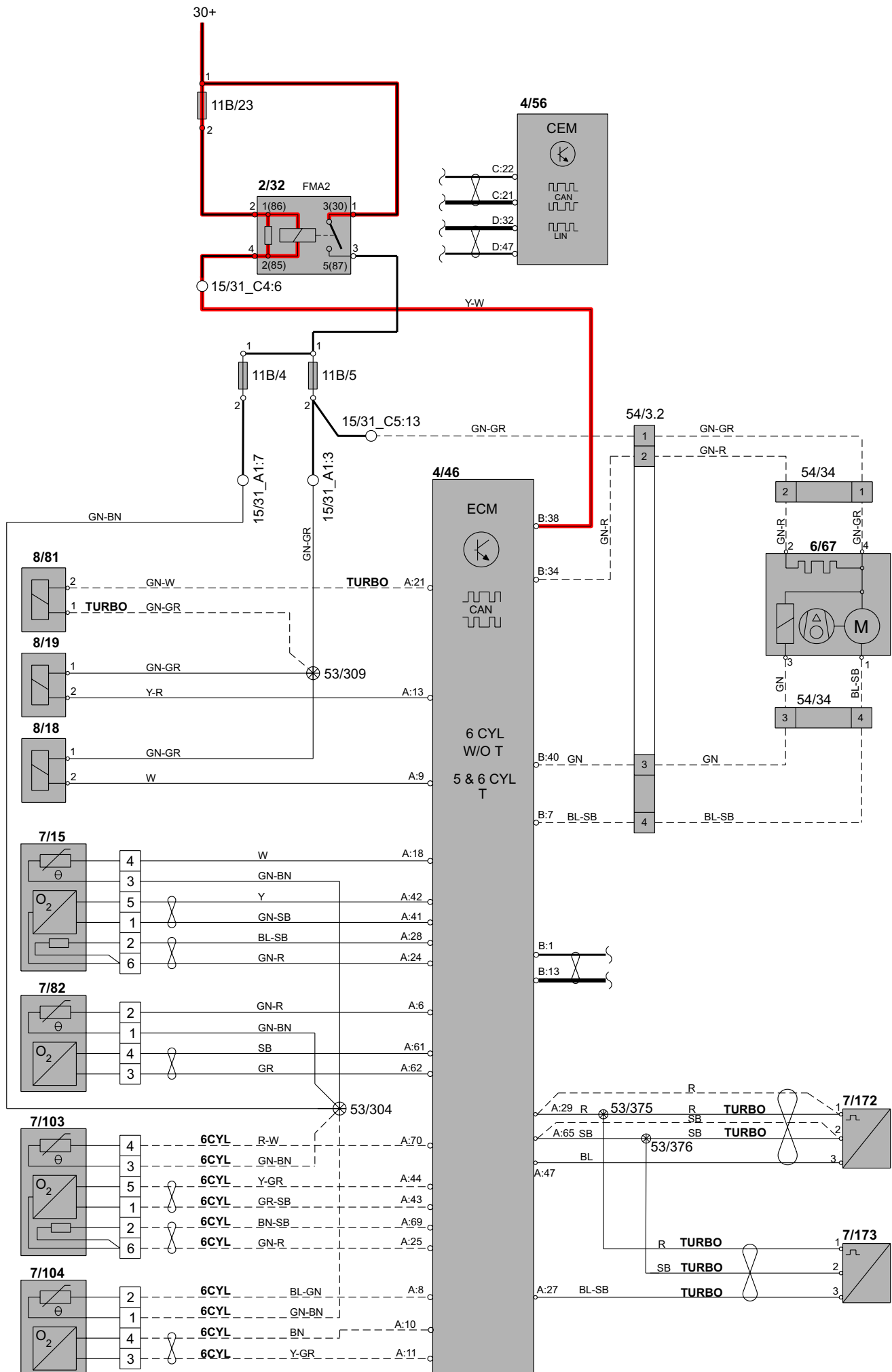


Group 23 Fuel system Emission control, 5-cyl



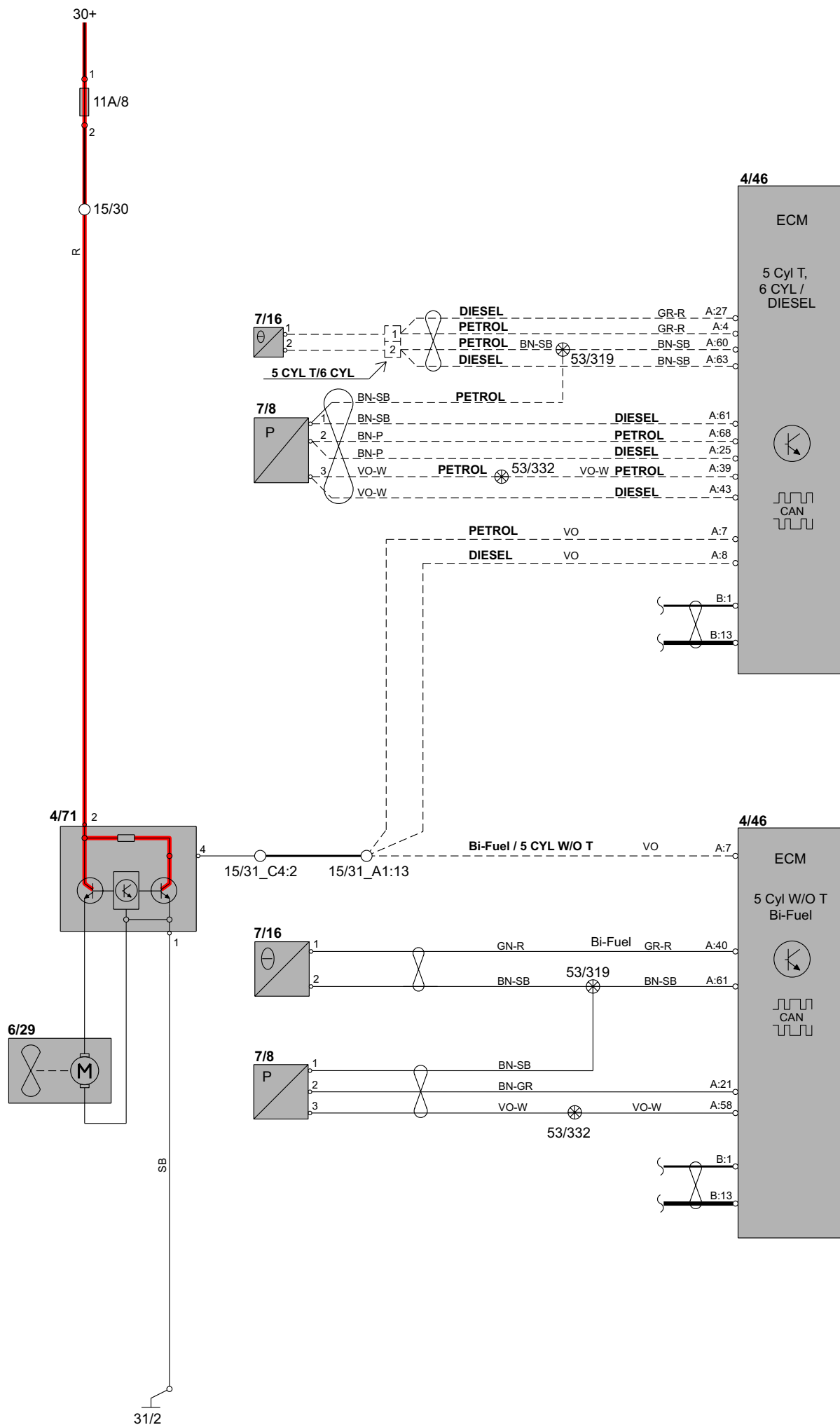
Group 23 Fuel system

Emission control, 5-cyl & 6-cyl Turbo



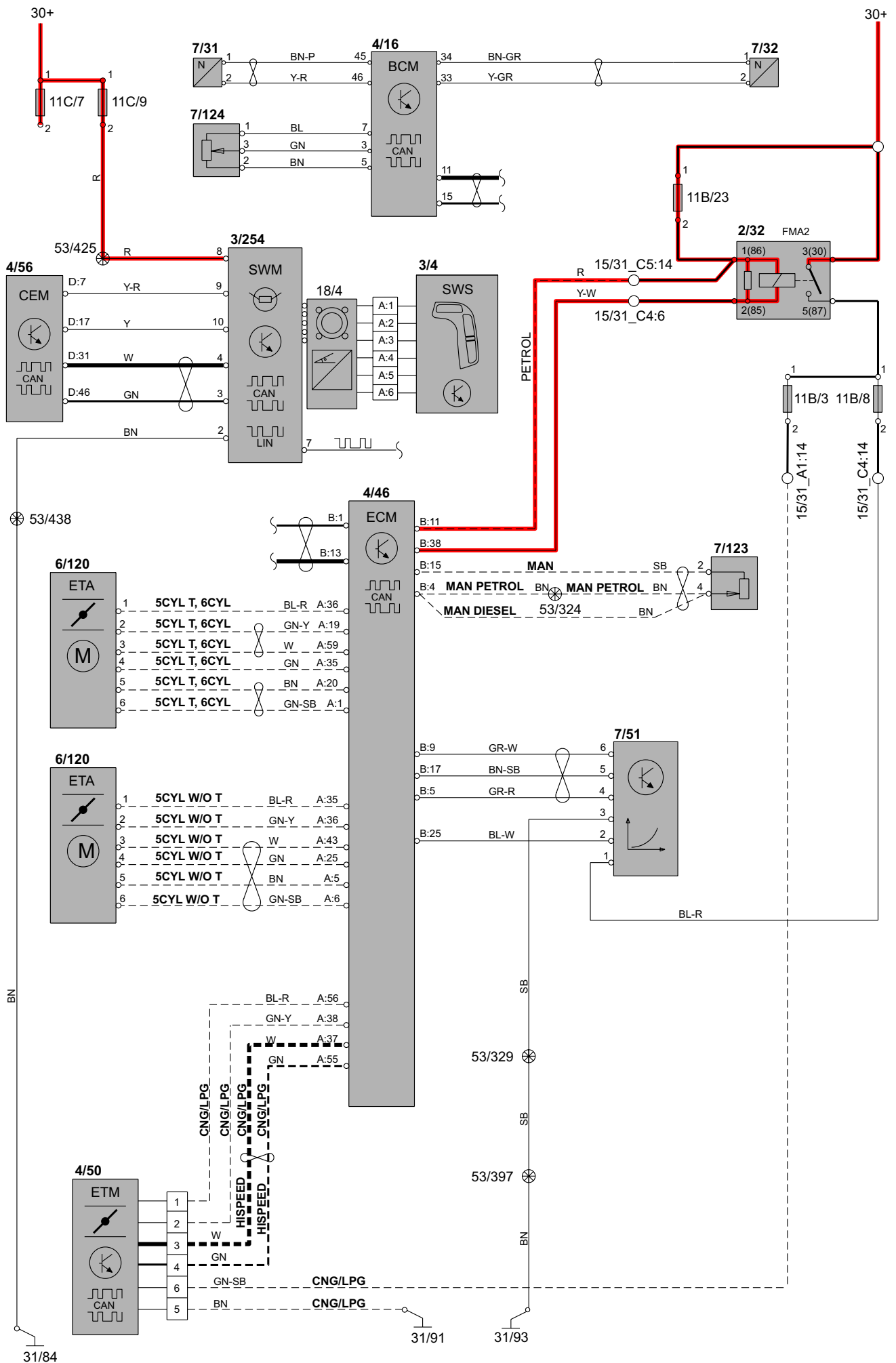
Group 26 Cooling system

Cooling fan



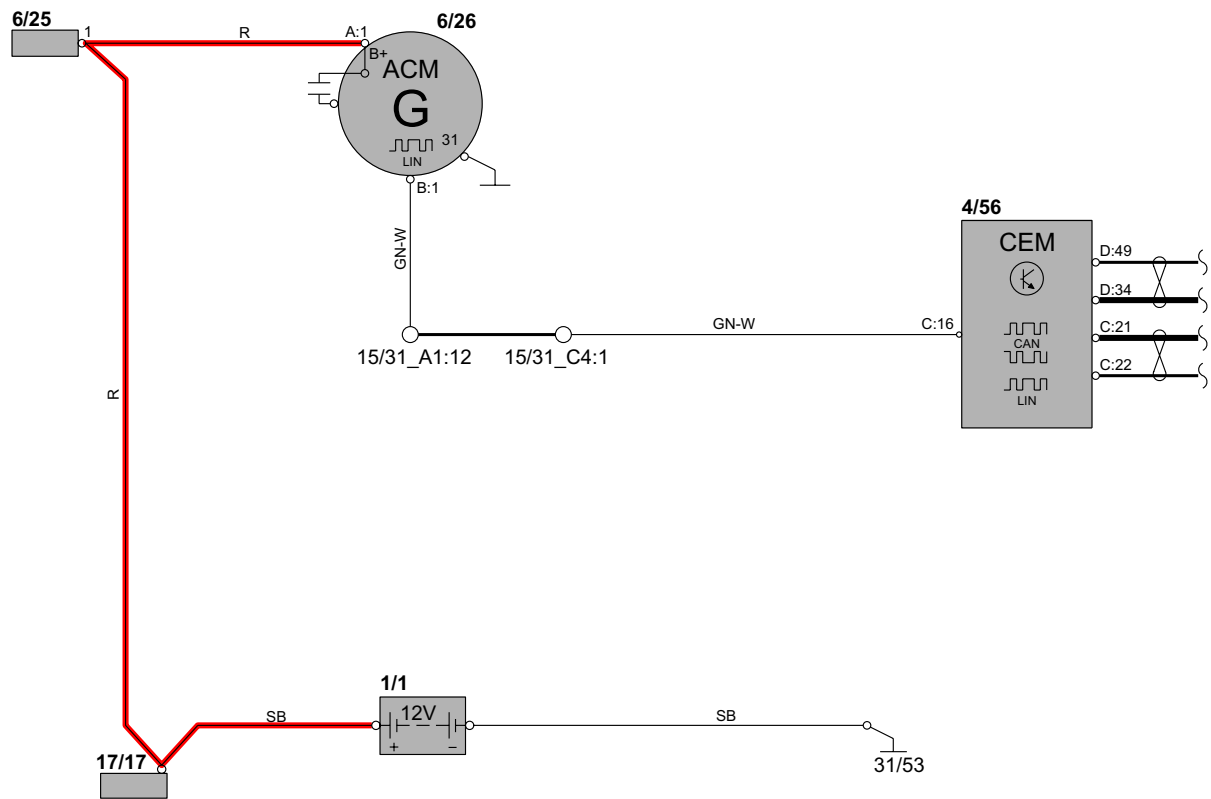
Group 27 Engine control

Cruise control

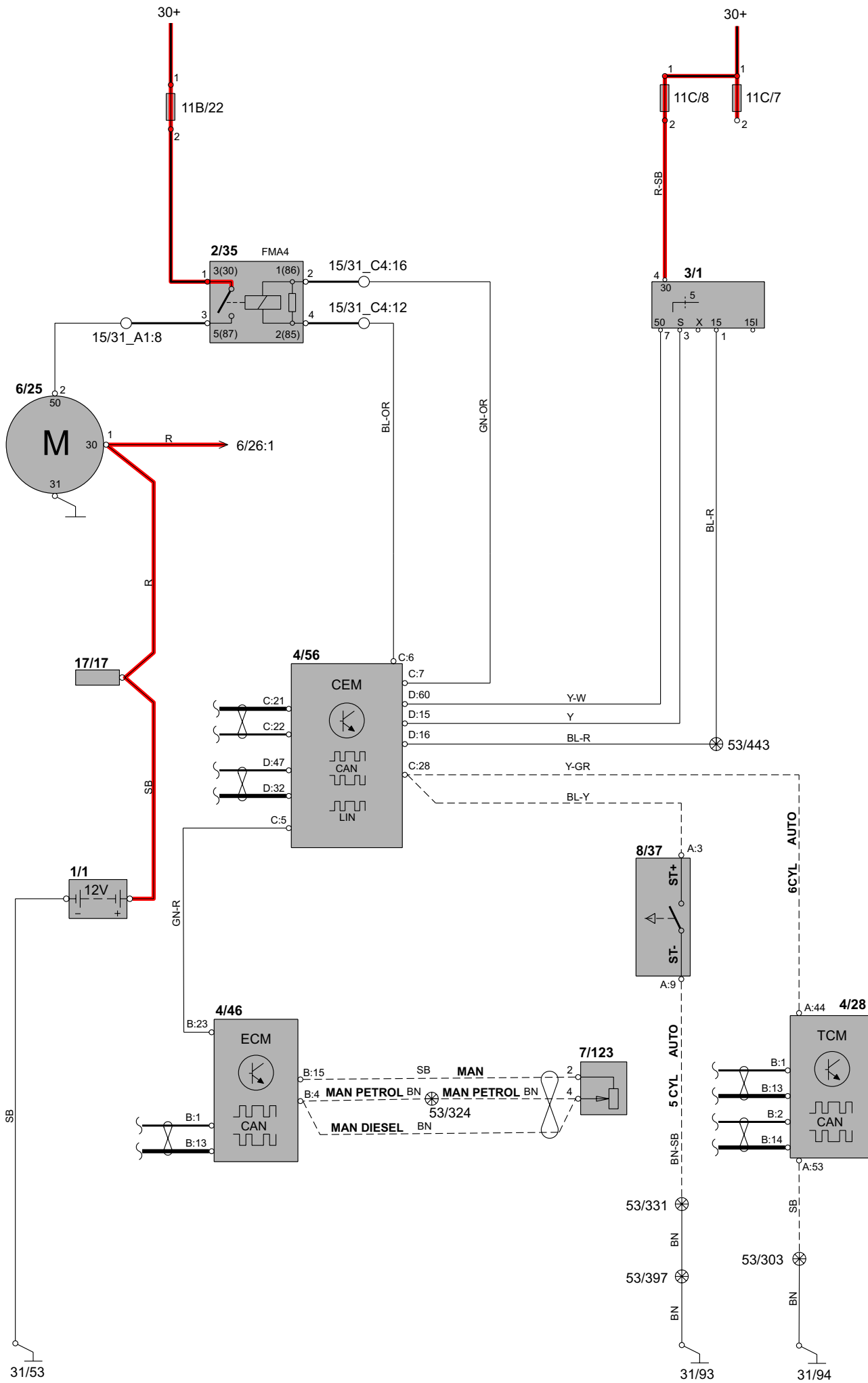


Group 32 Alternator and voltage regulator

Power supply

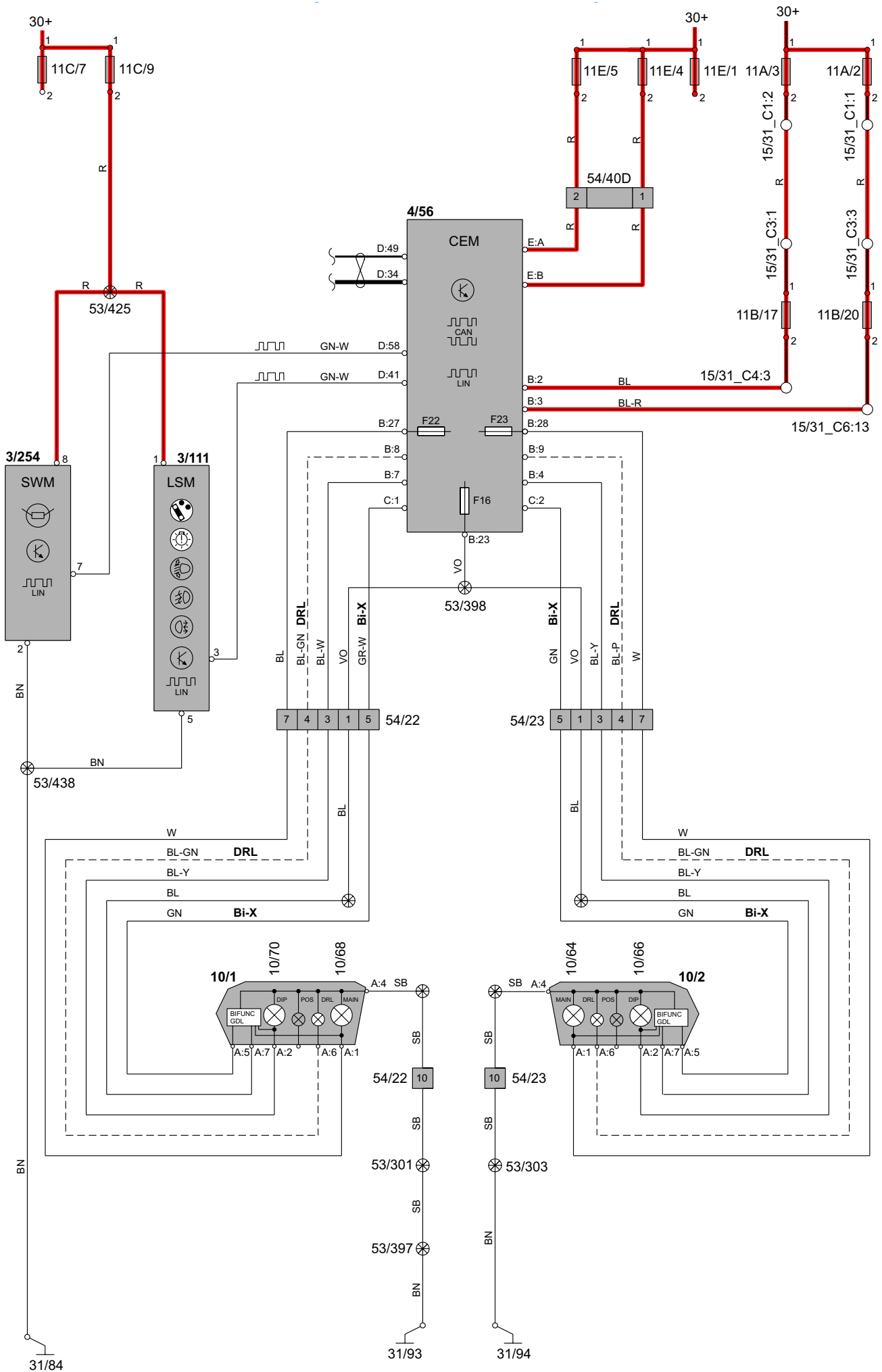


Group 33 Starting system



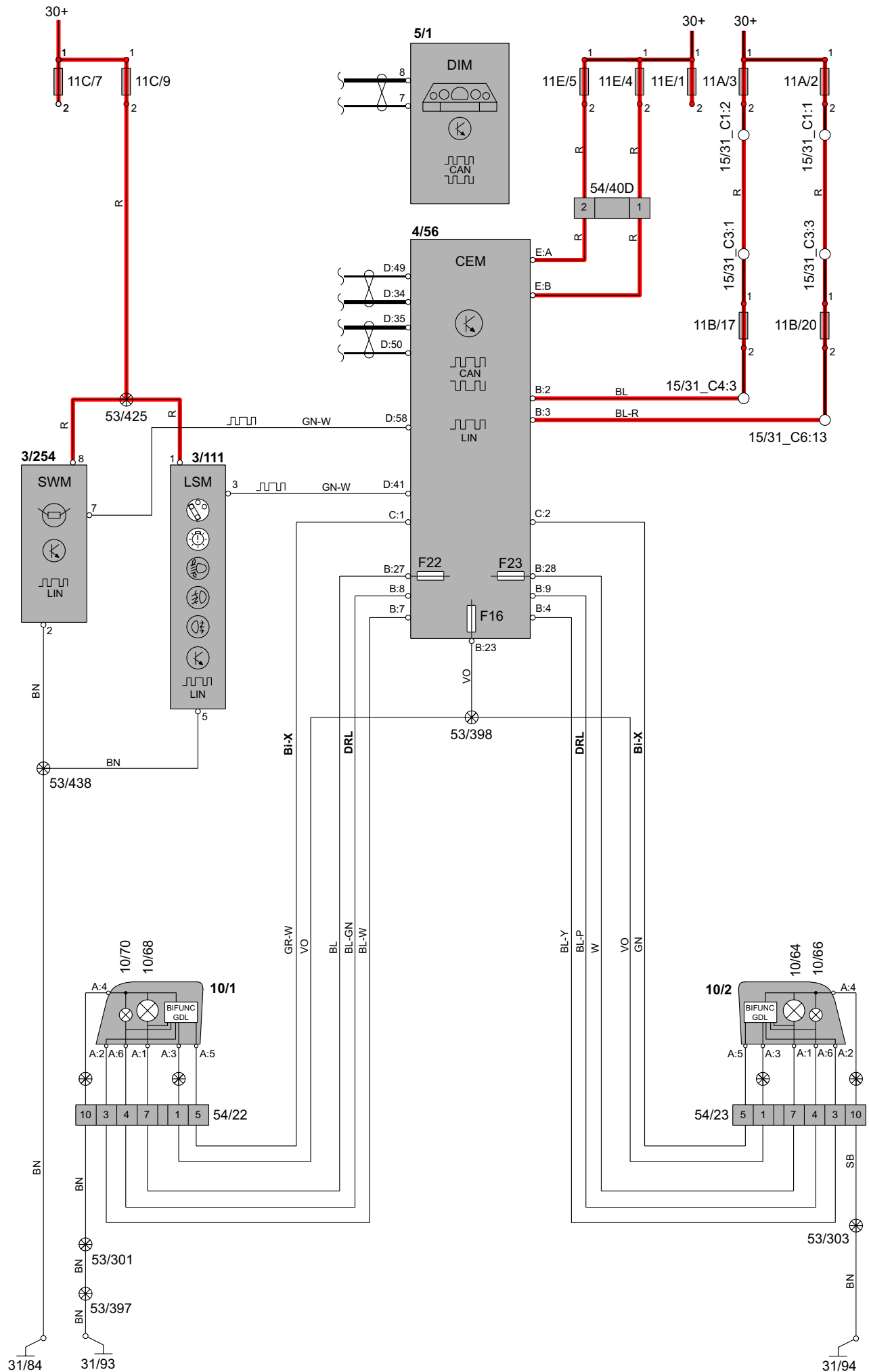
Group 35 Lighting

High and low beam (Bi-Xenon) & Daytime running lights S60



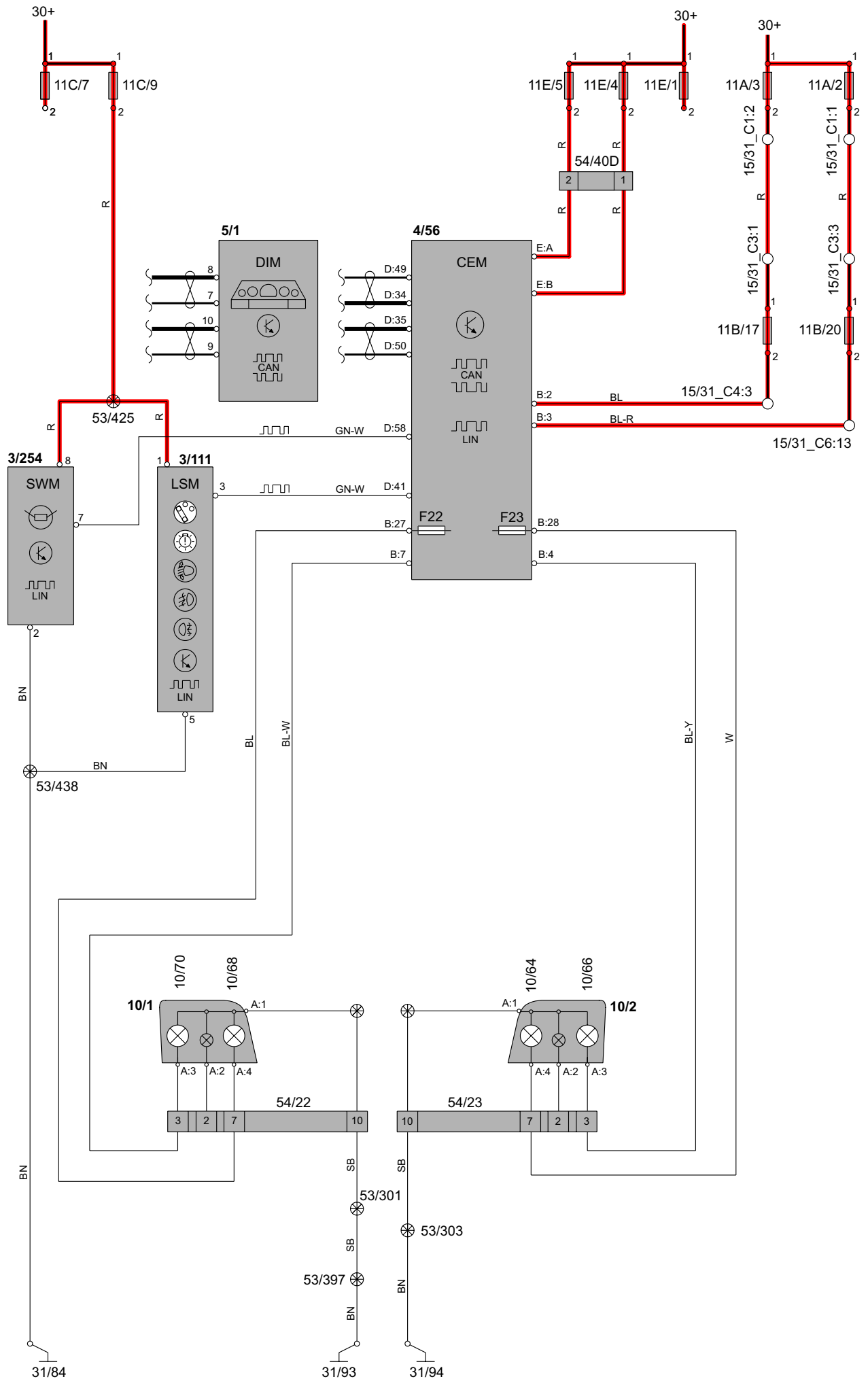
Group 35 Lighting

High and low beam (Bi-Xenon) & Daytime running lights S80

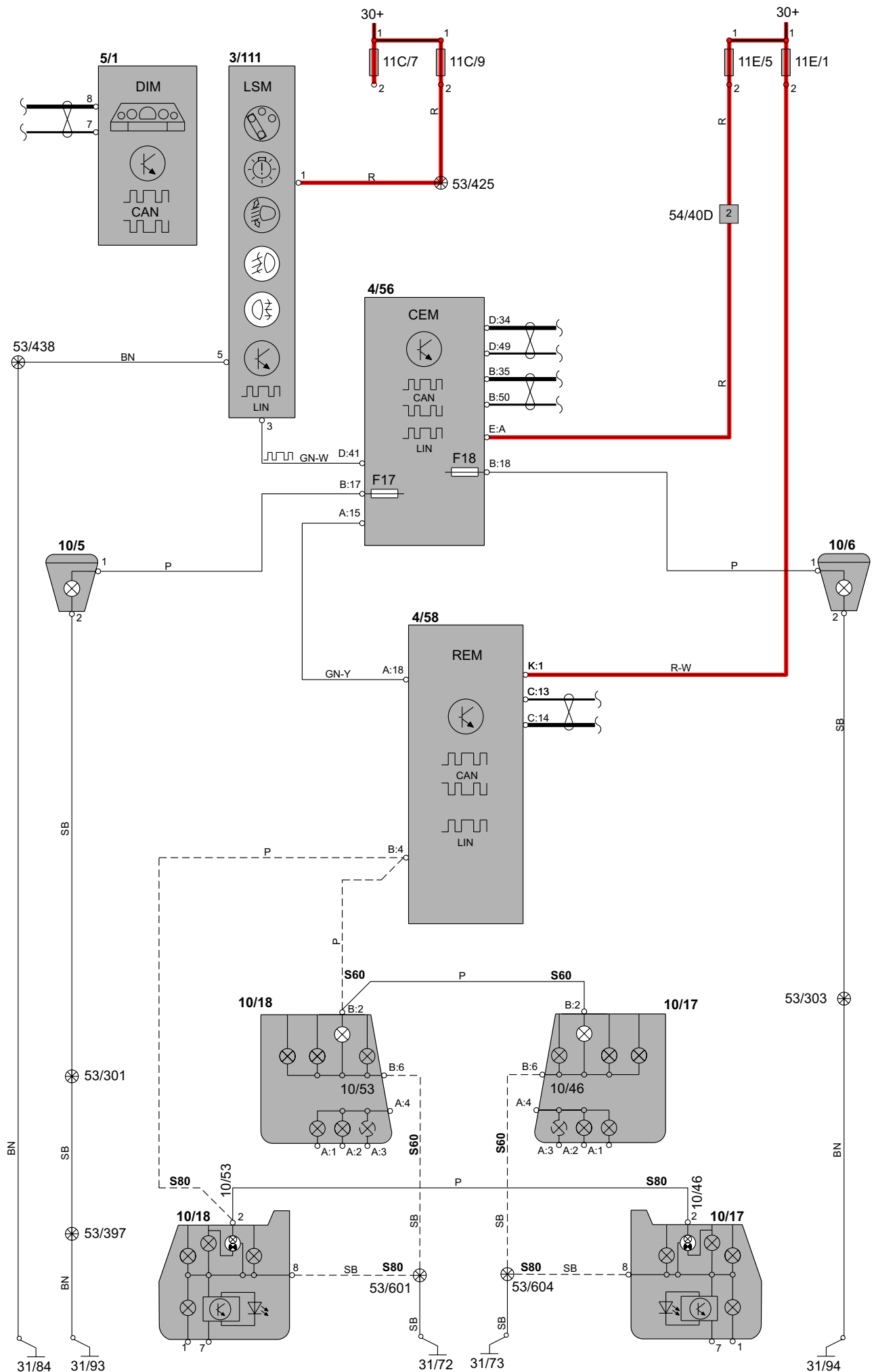


Group 35 Lighting

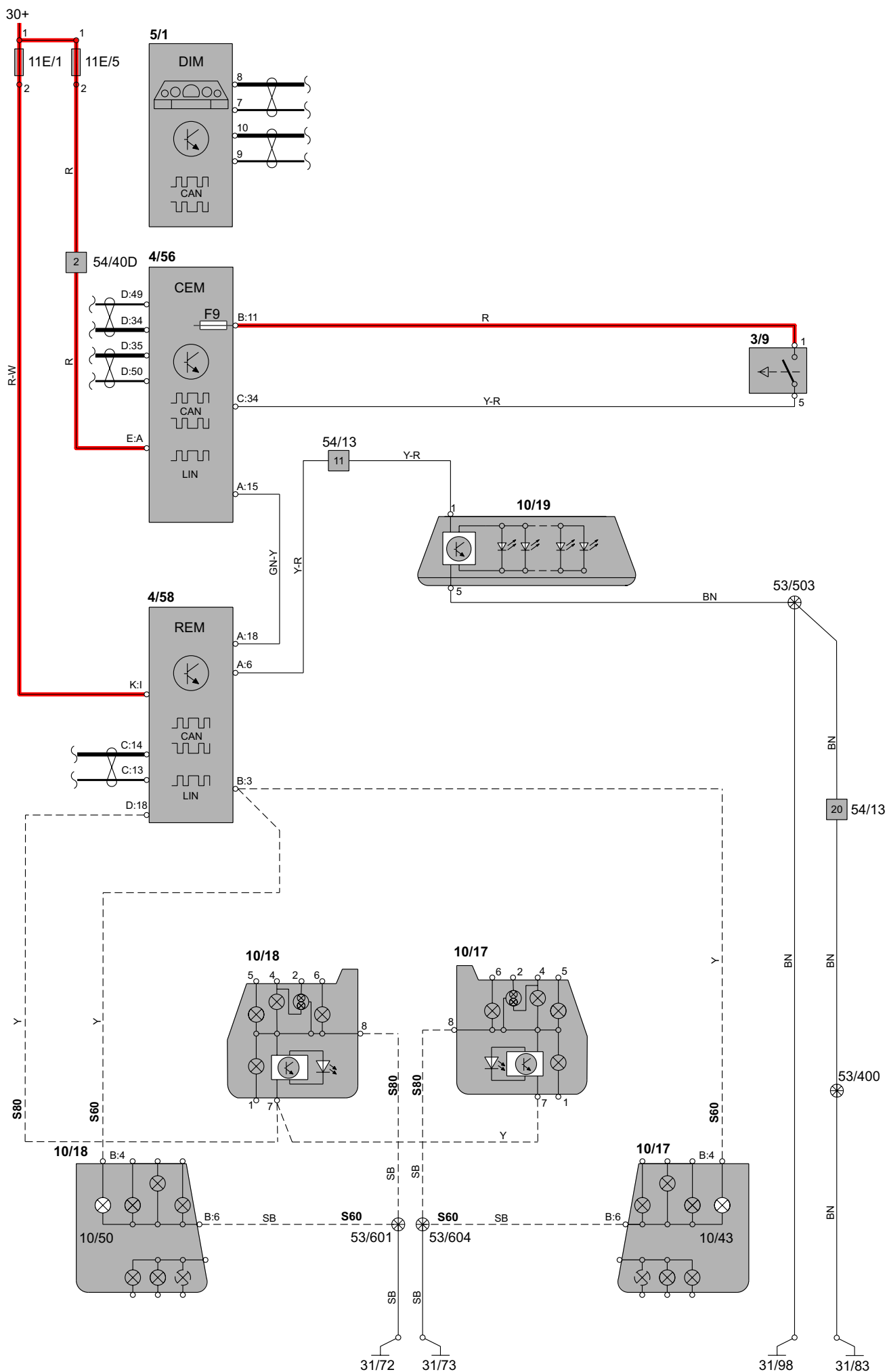
High and low beam S80



Group 35 Lighting Fog lights

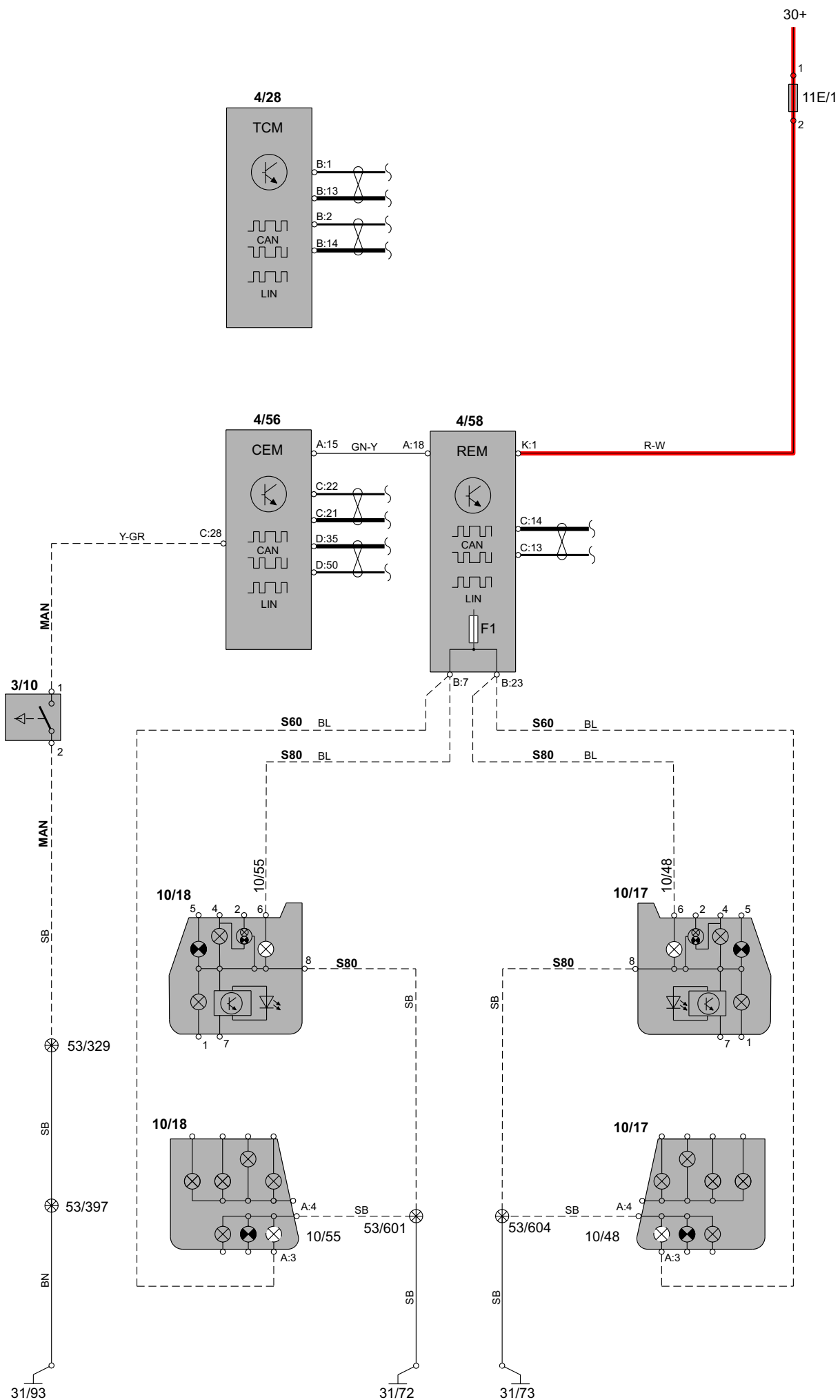


Group 35 Lighting Brake lights



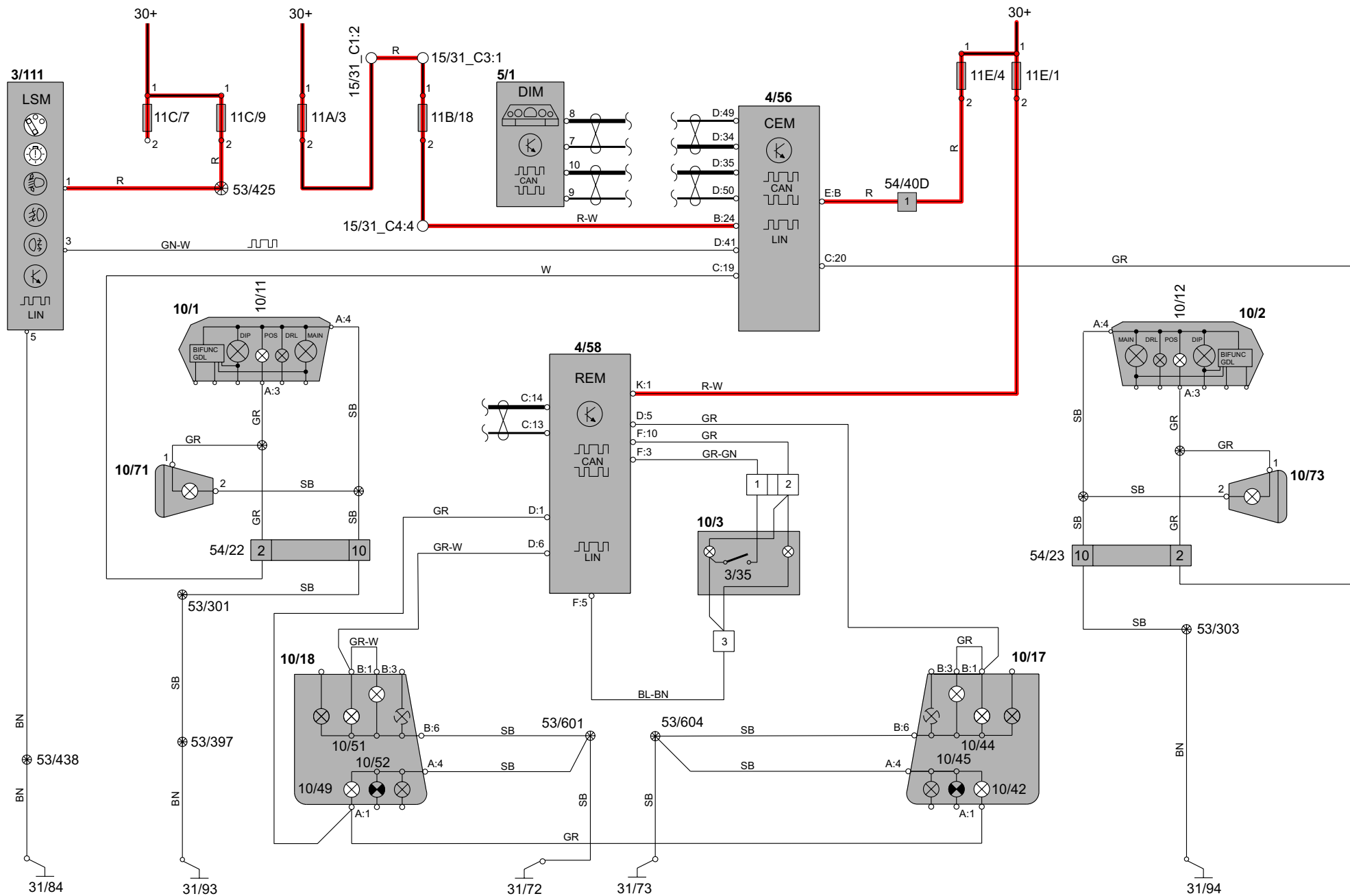
Group 35 Lighting

Reversing lights



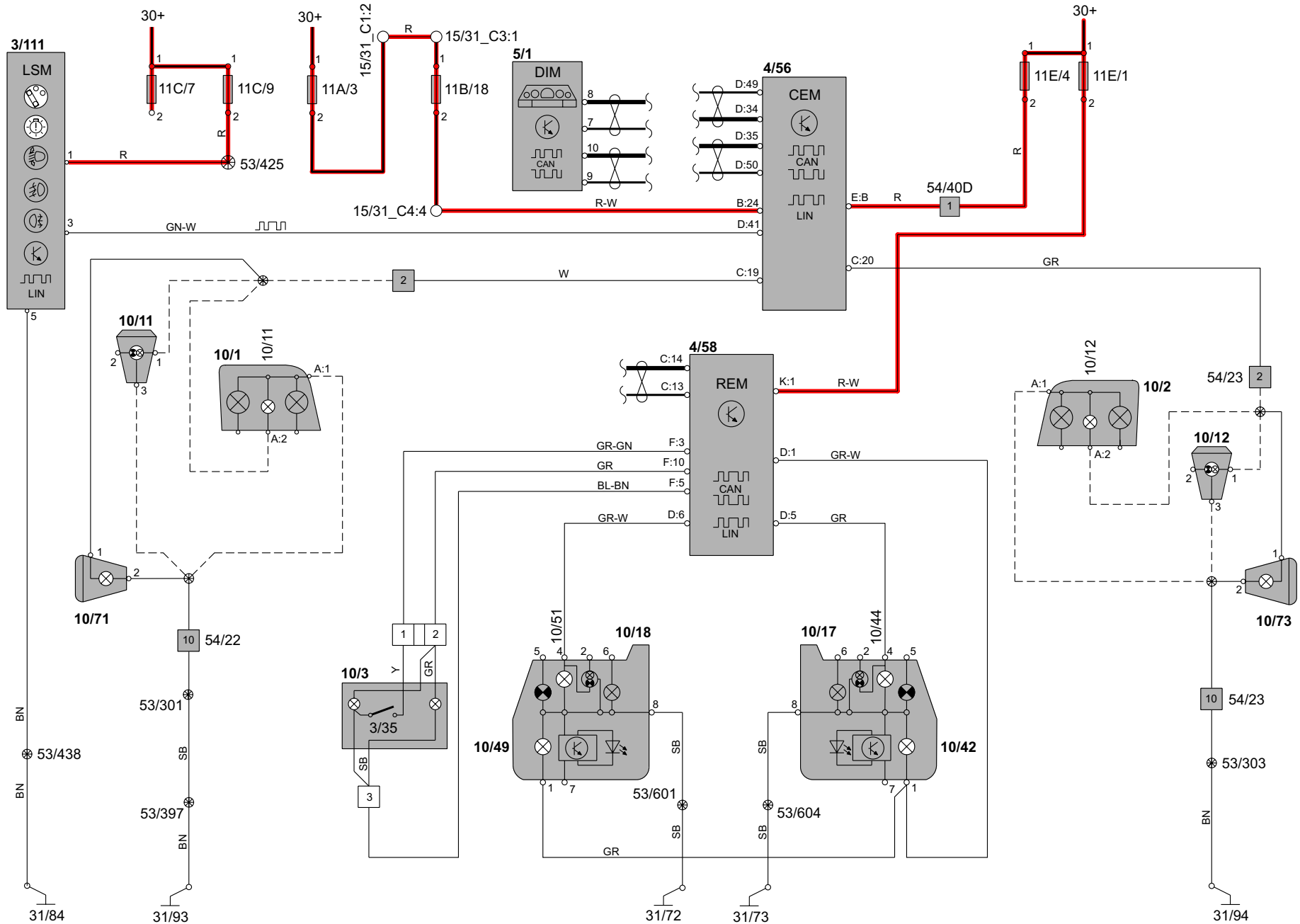
Group 35 Lighting

Position/parking lights, tail lights & license plate lighting S60



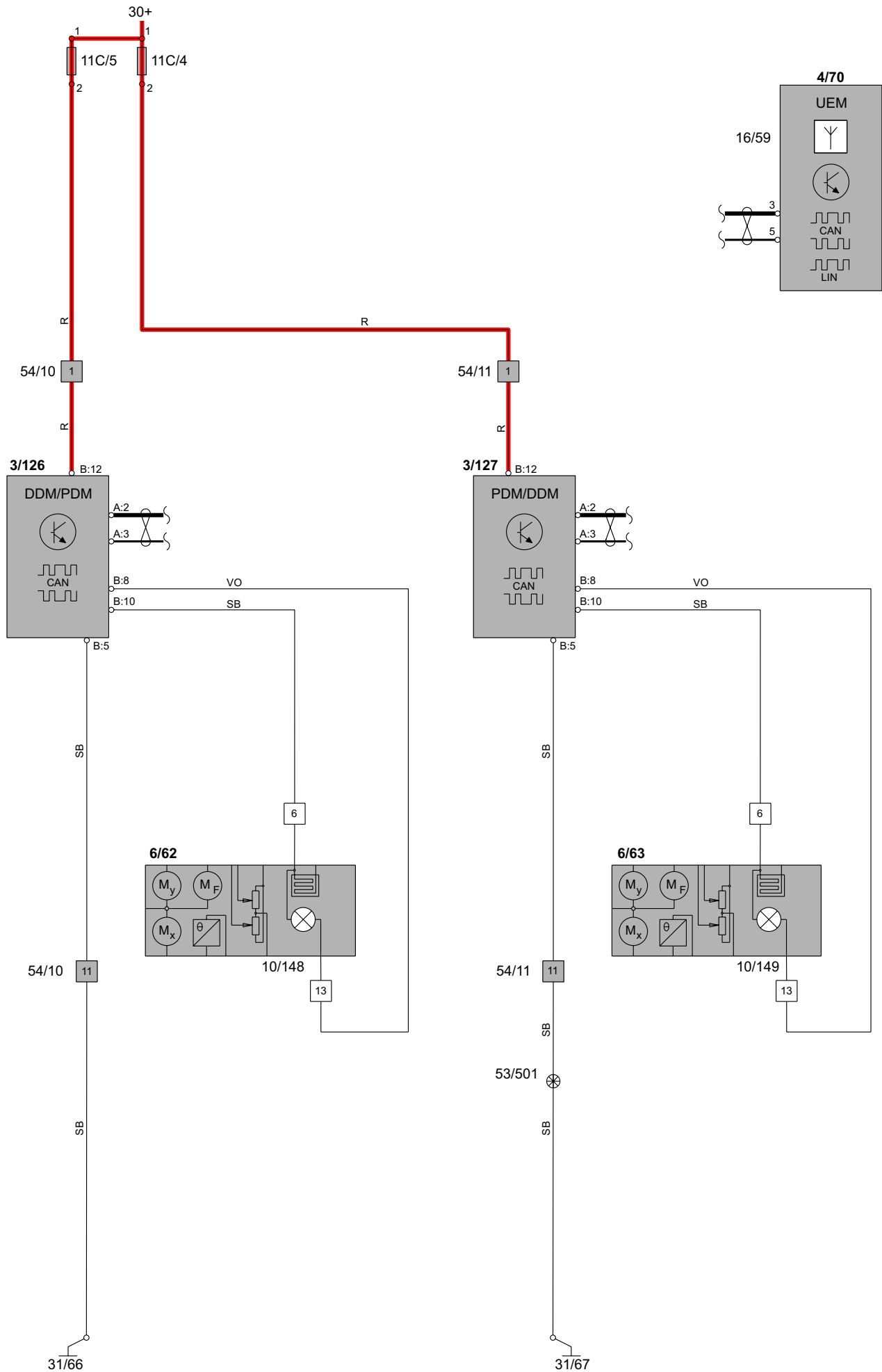
Group 35 Lighting

Position/parking lights, tail lights & license plate lighting S80

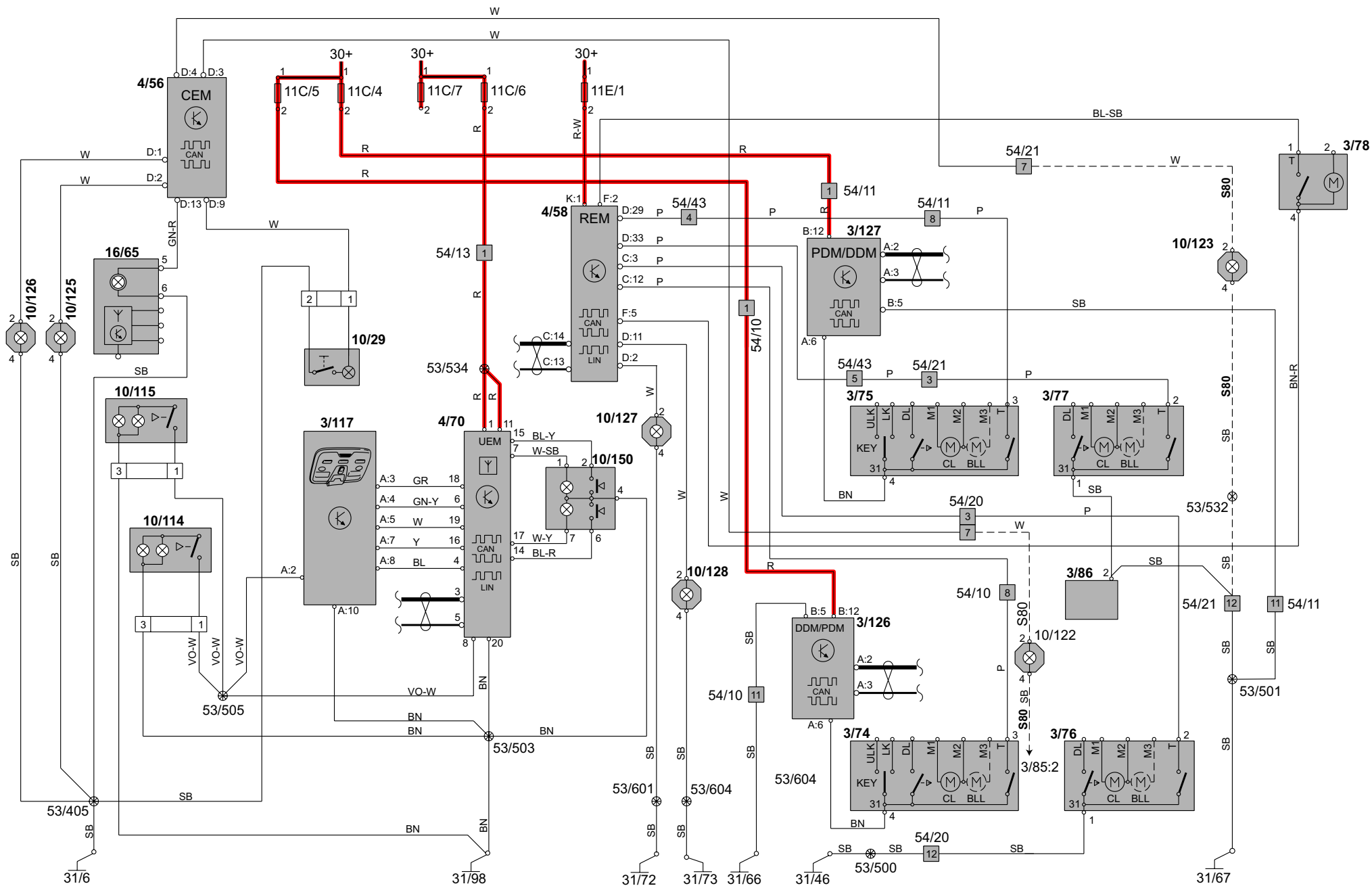


Group 35 Lighting

Home safe lighting

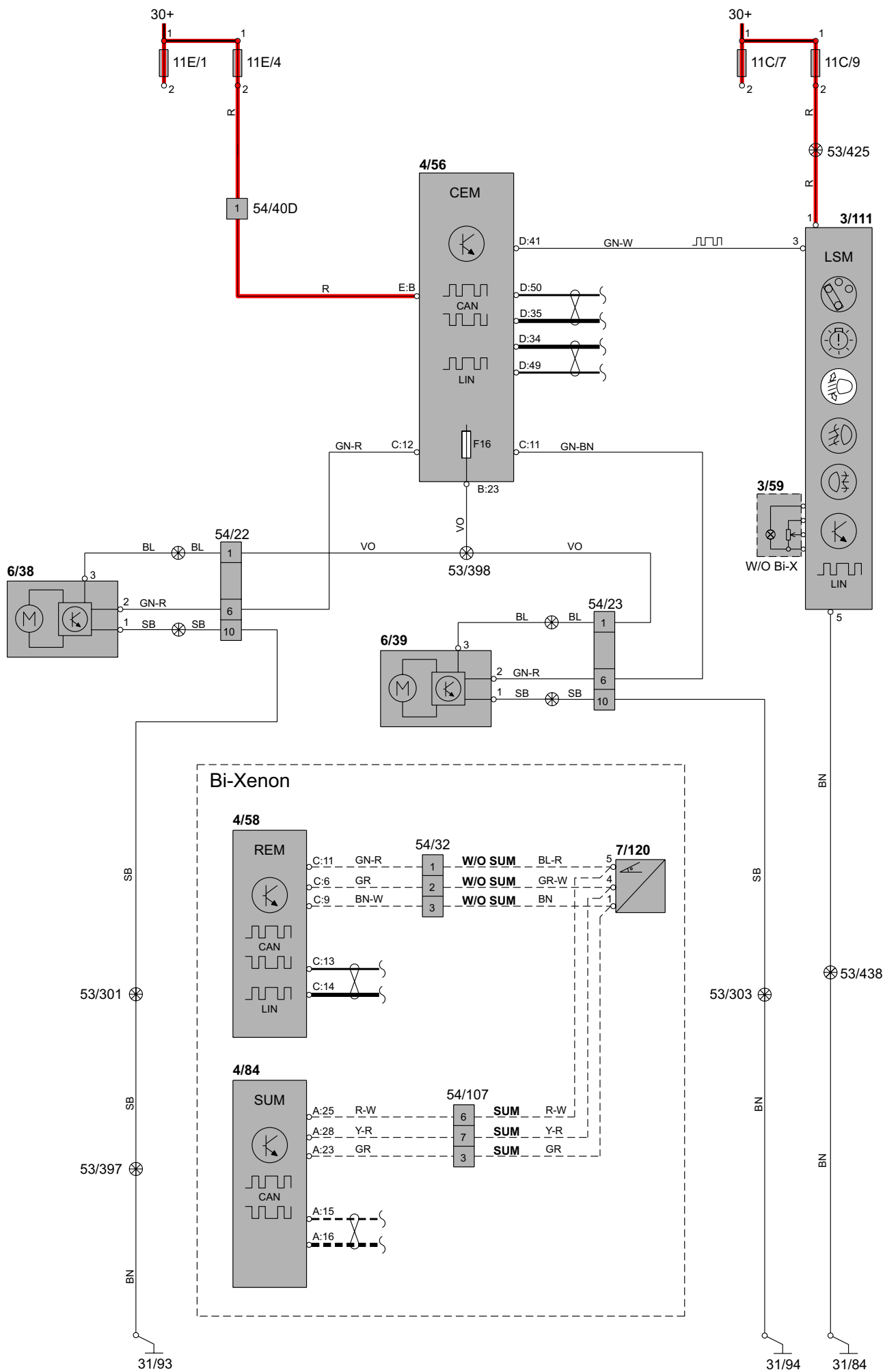


Group 35 Lighting Interior lighting



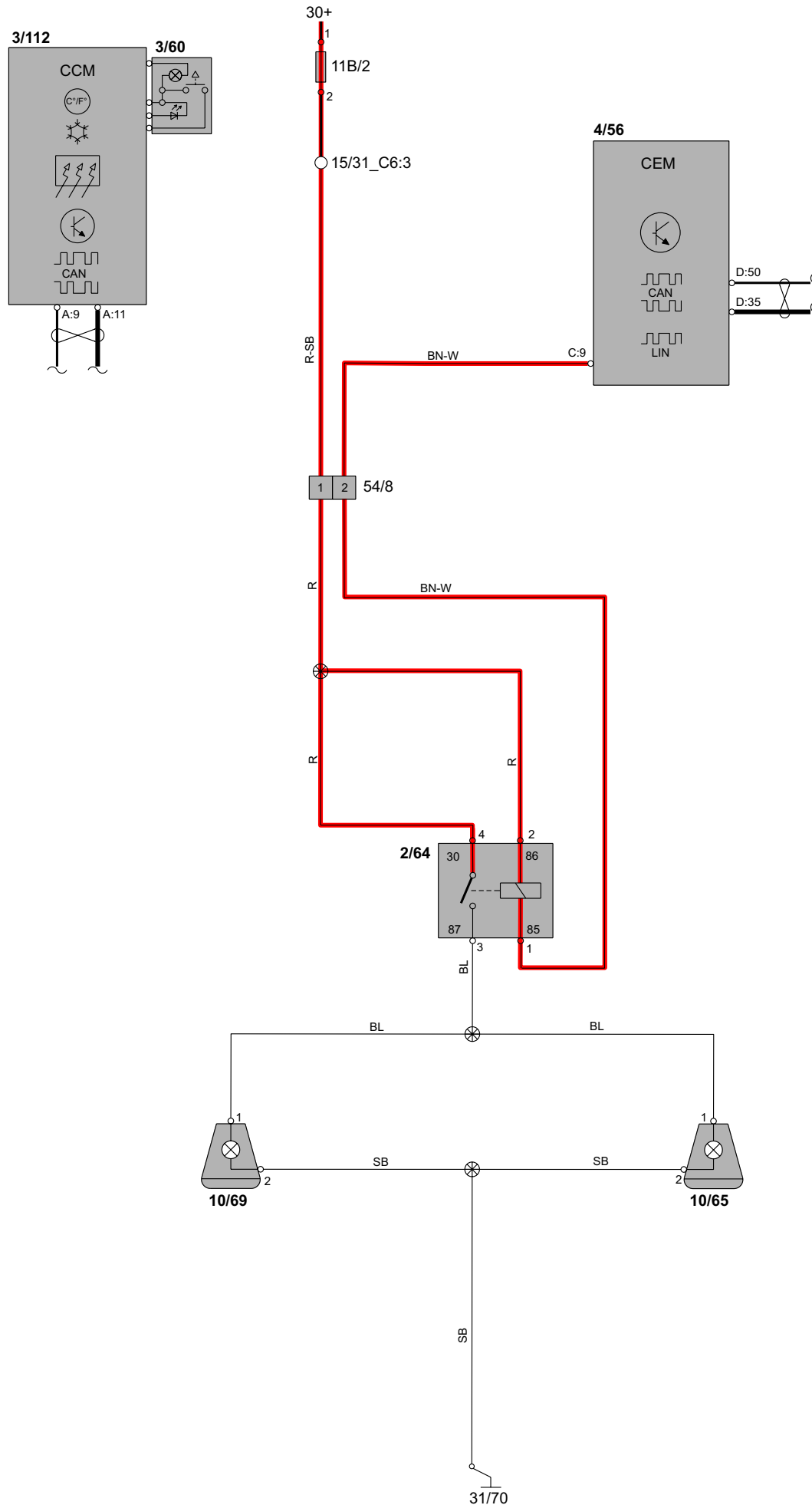
Group 35 Lighting

Beam length adjustment



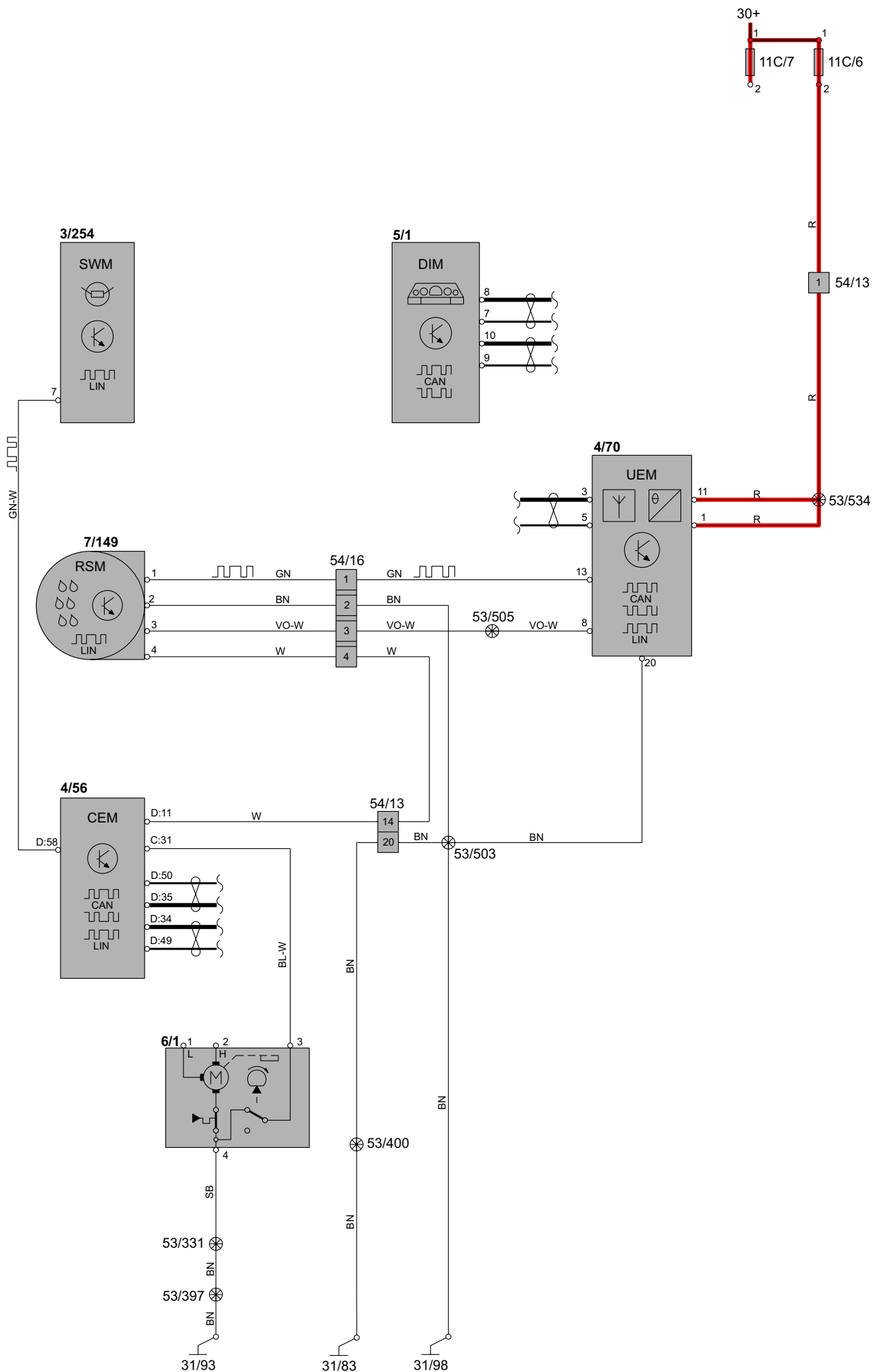
Group 35 Lighting, Accessories

Auxiliary light



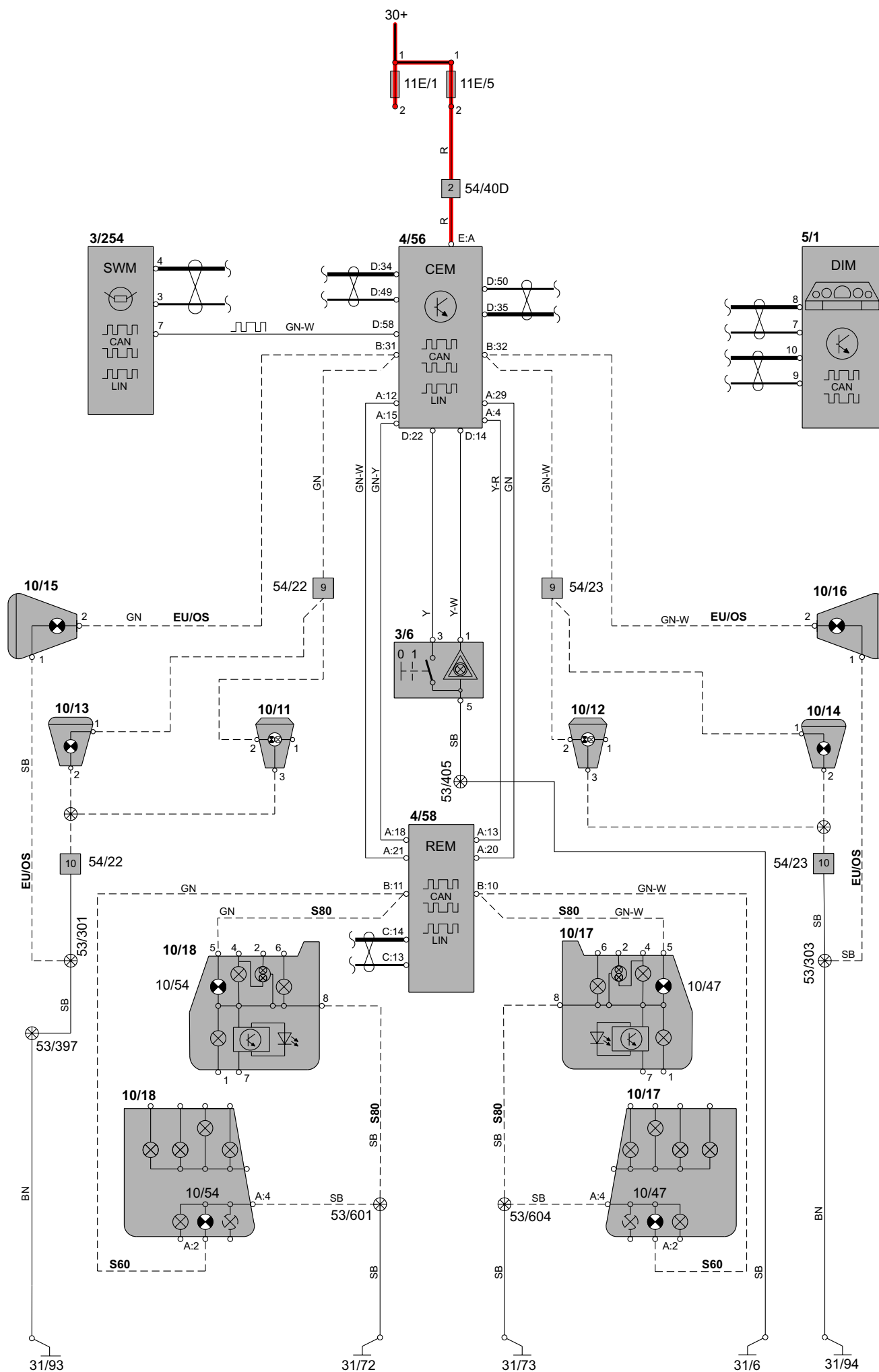
Group 36 Additional electrical equipment

Rain sensor



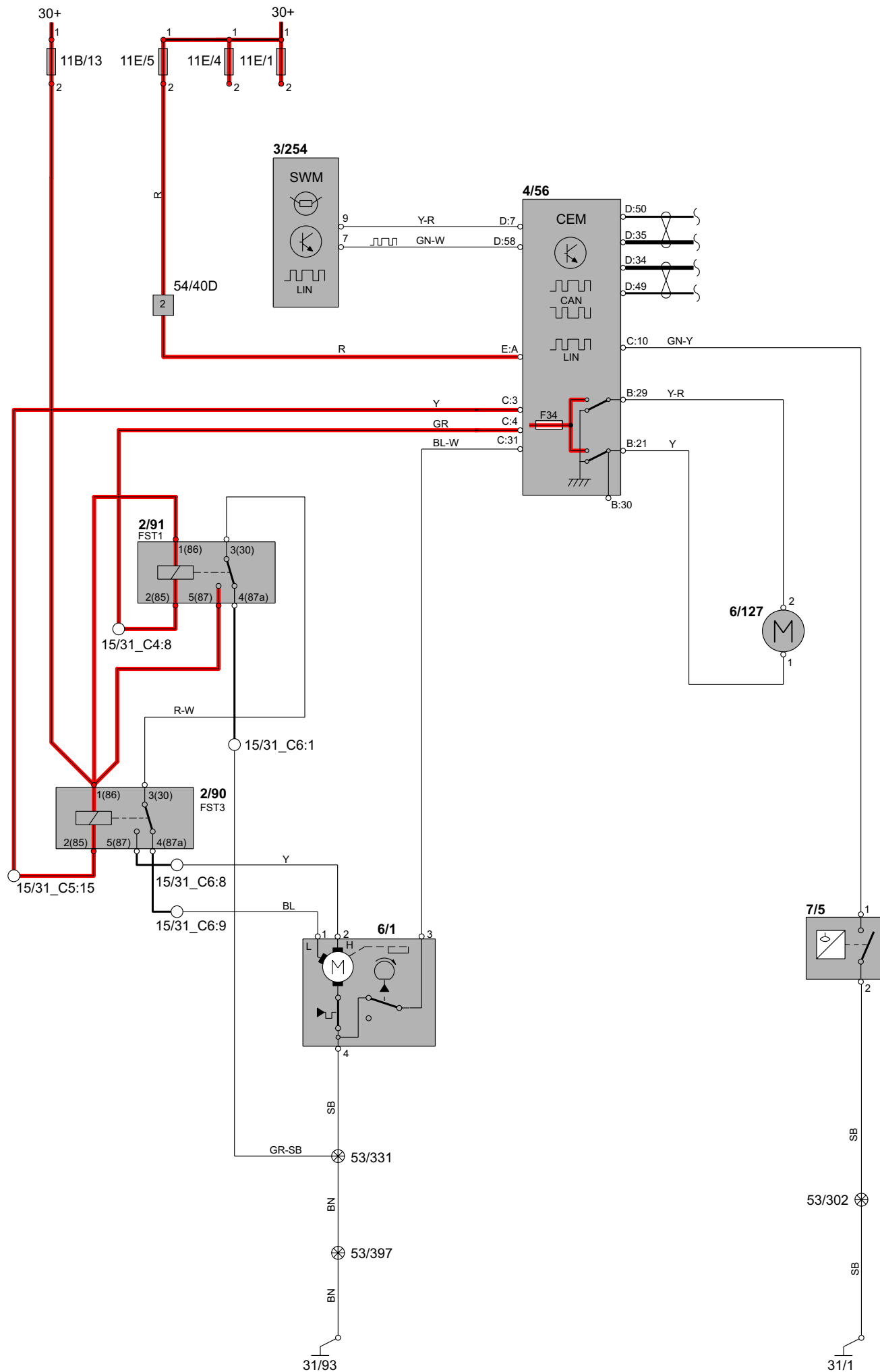
Group 36 Additional electrical equipment

Direction indicator and hazard warning flashers

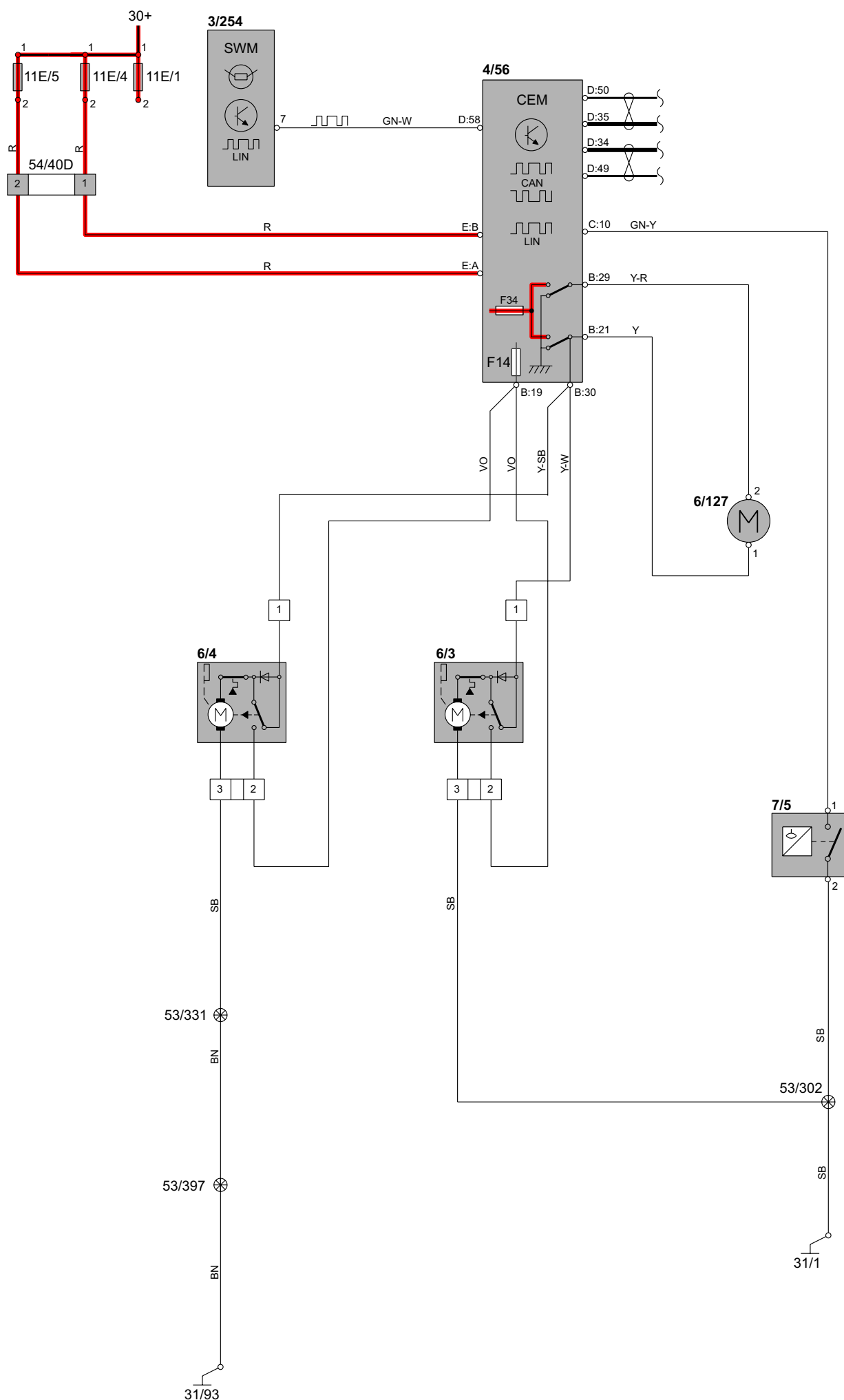


Group 36 Additional electrical equipment

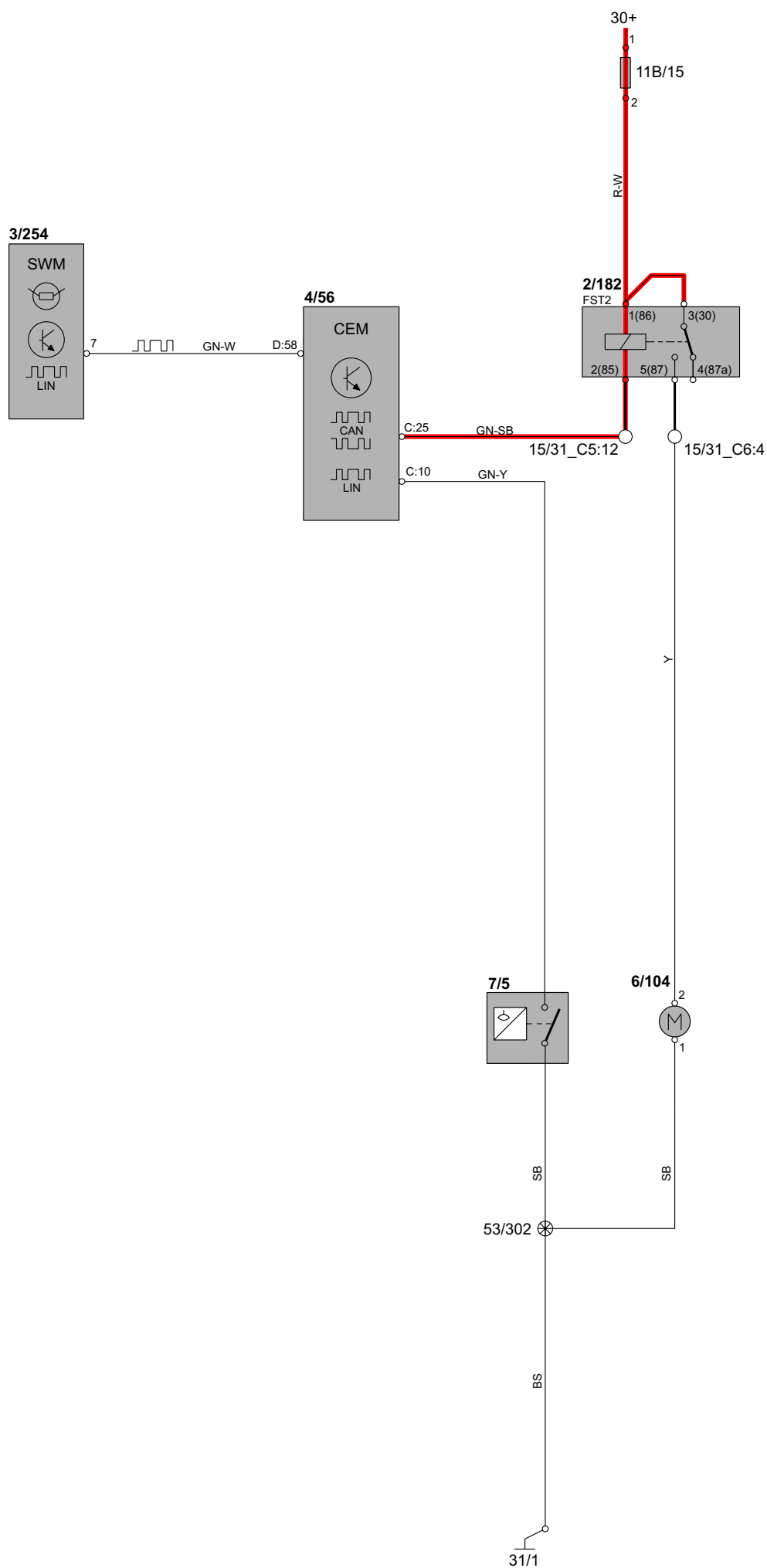
Wiper/washer, windshield



Group 36 Additional electrical equipment Wiper/washer, headlights

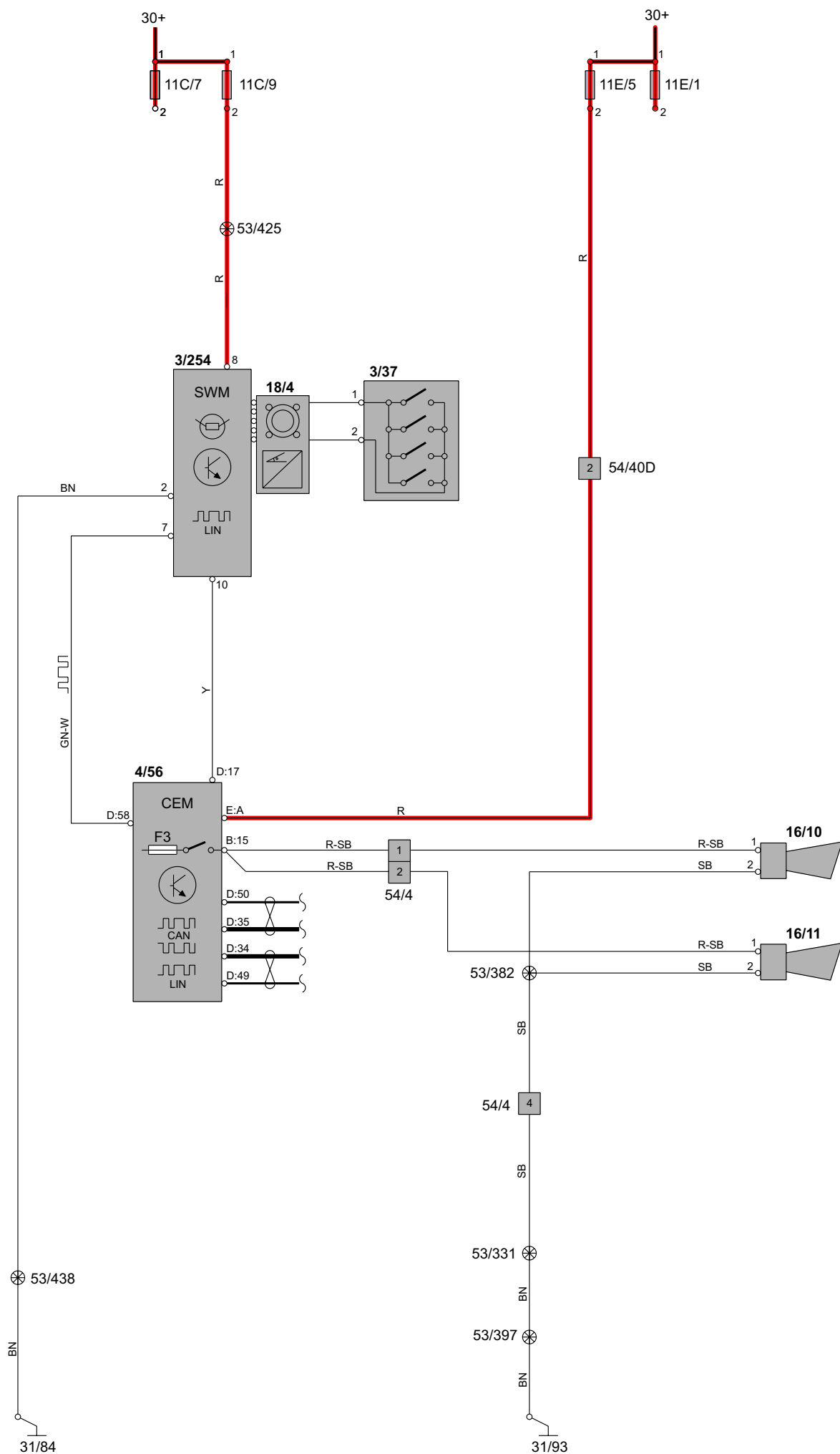


Group 36 Additional electrical equipment High pressure headlight washer



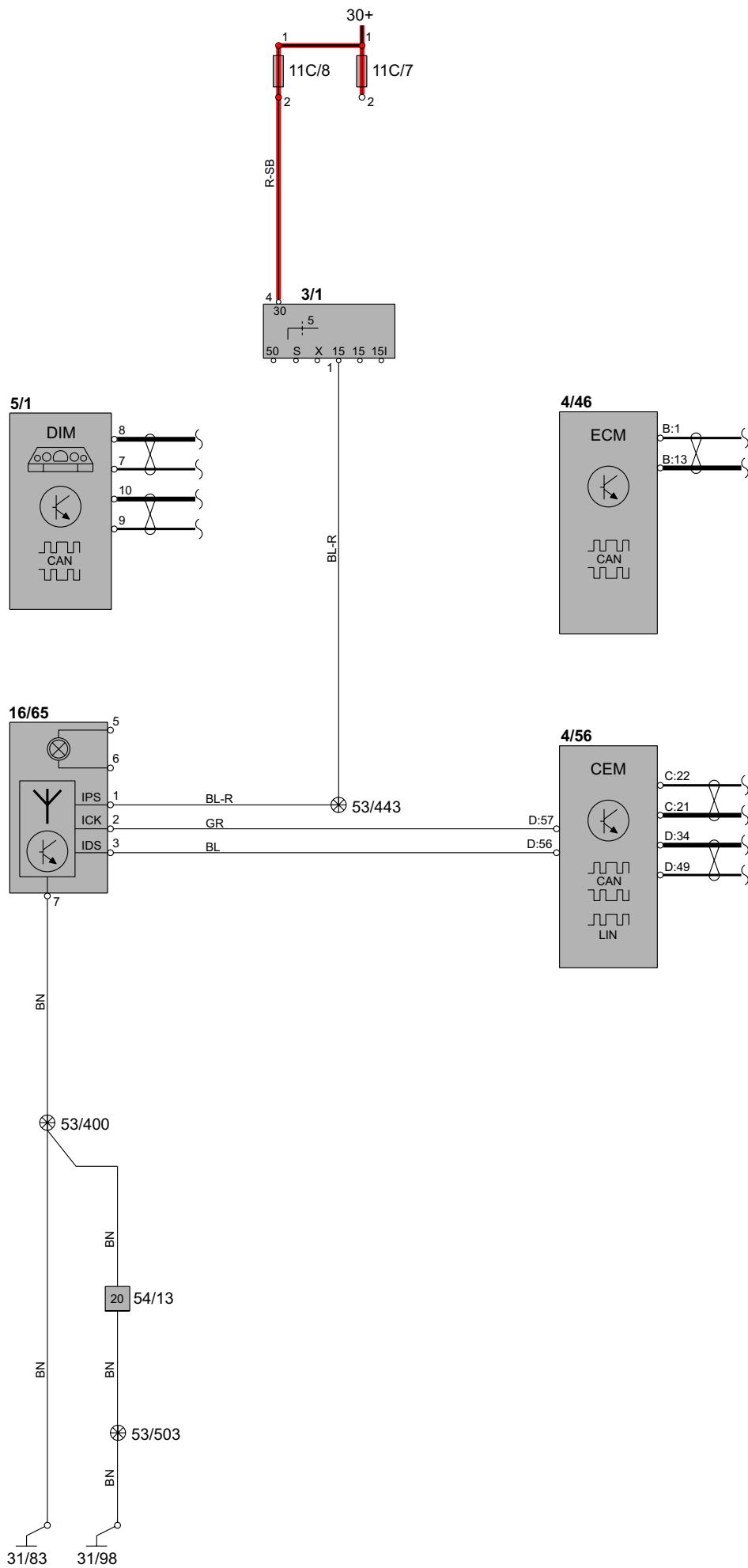
Group 36 Additional electrical equipment

Horn



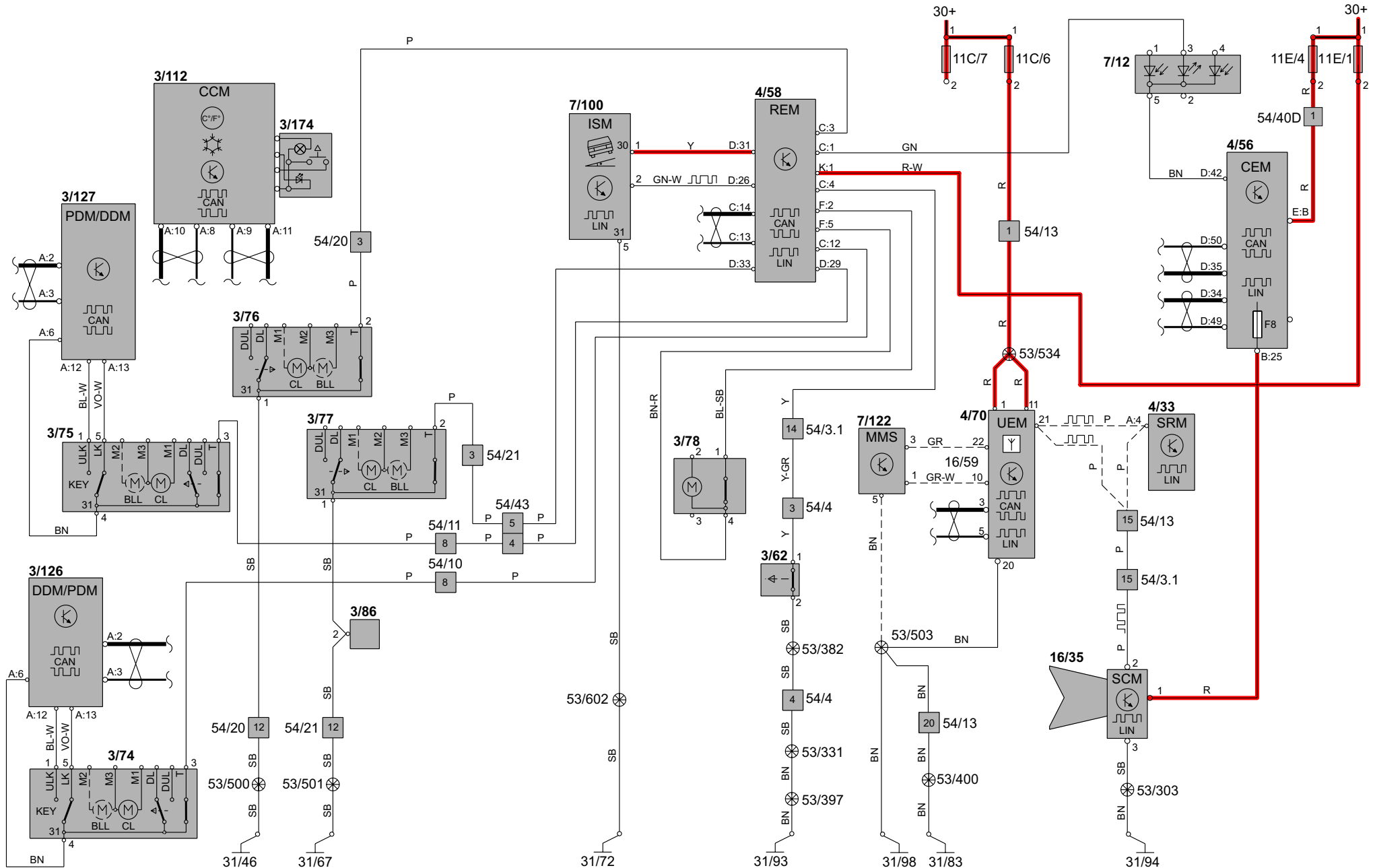
Group 36 Additional electrical equipment

Electronic immobilizer

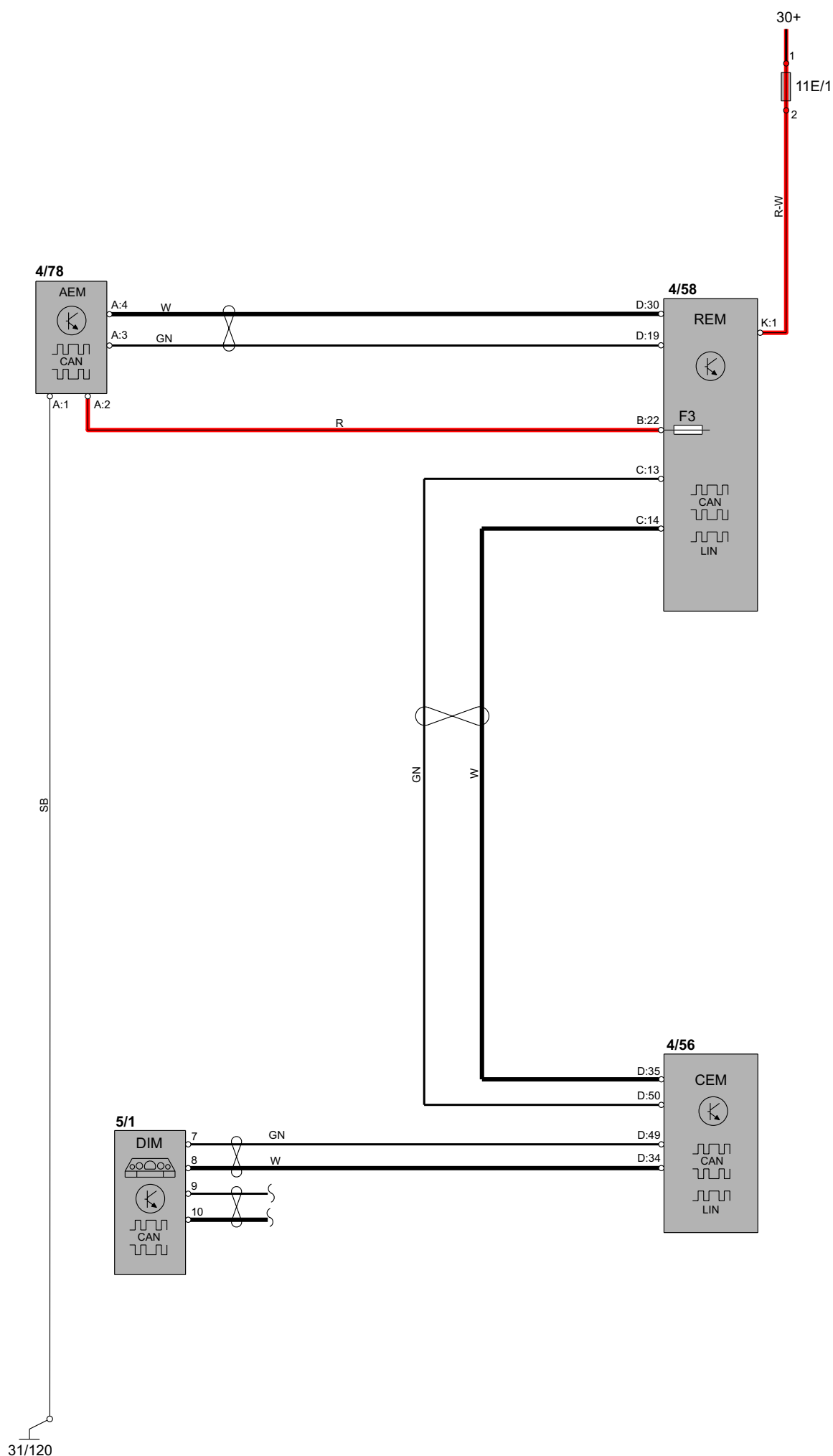


Group 36 Additional electrical equipment

Anti-theft alarm

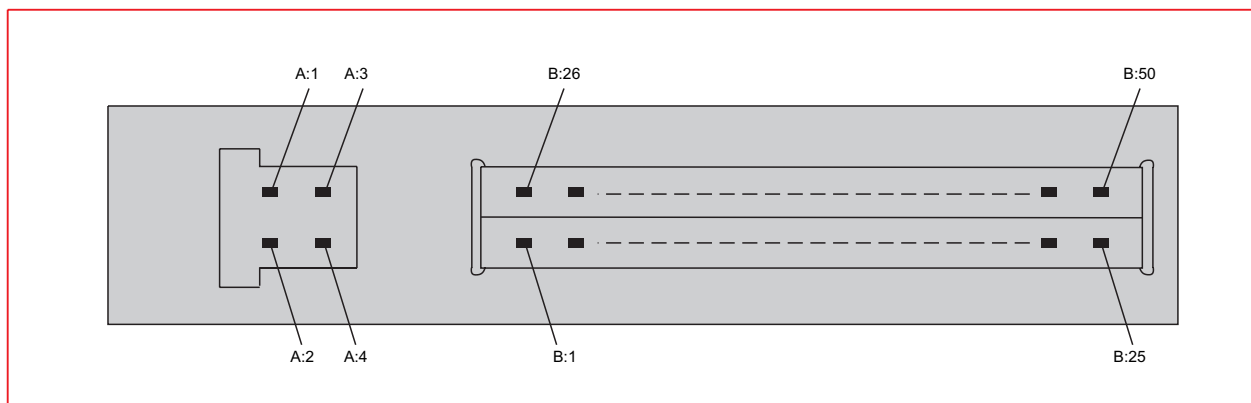


Group 36 Additional electrical equipment, Accessories Accessory Electronic Module (AEM) 1:2



Group 36 Additional electrical equipment, Accessories

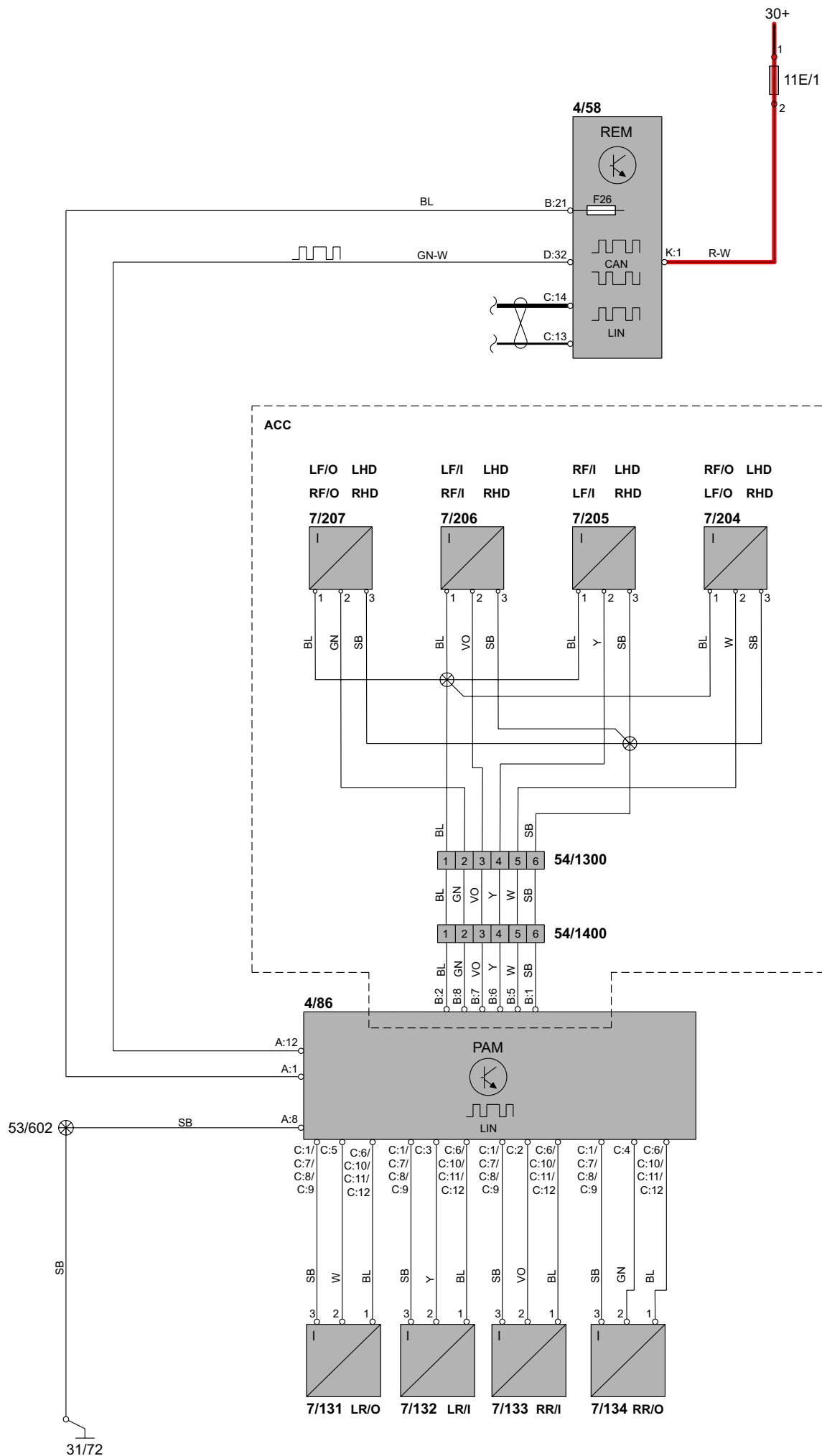
Accessory Electronic Module (AEM) 2:2



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 Remote heater start, radio signal	Input signal
B:5	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 Speed signal, RTI Japan	Output signal
B:15	Alarm signal	Output signal
B:16	Alarm signal	Output signal
B:30	Antenna amplifier, audio	Feed Output signal
B:33	Alarm signal RTI Japan	Output signal Steering, X-feed
B:34	Alarm signal Reverse gear signal, RTI Japan	Output signal

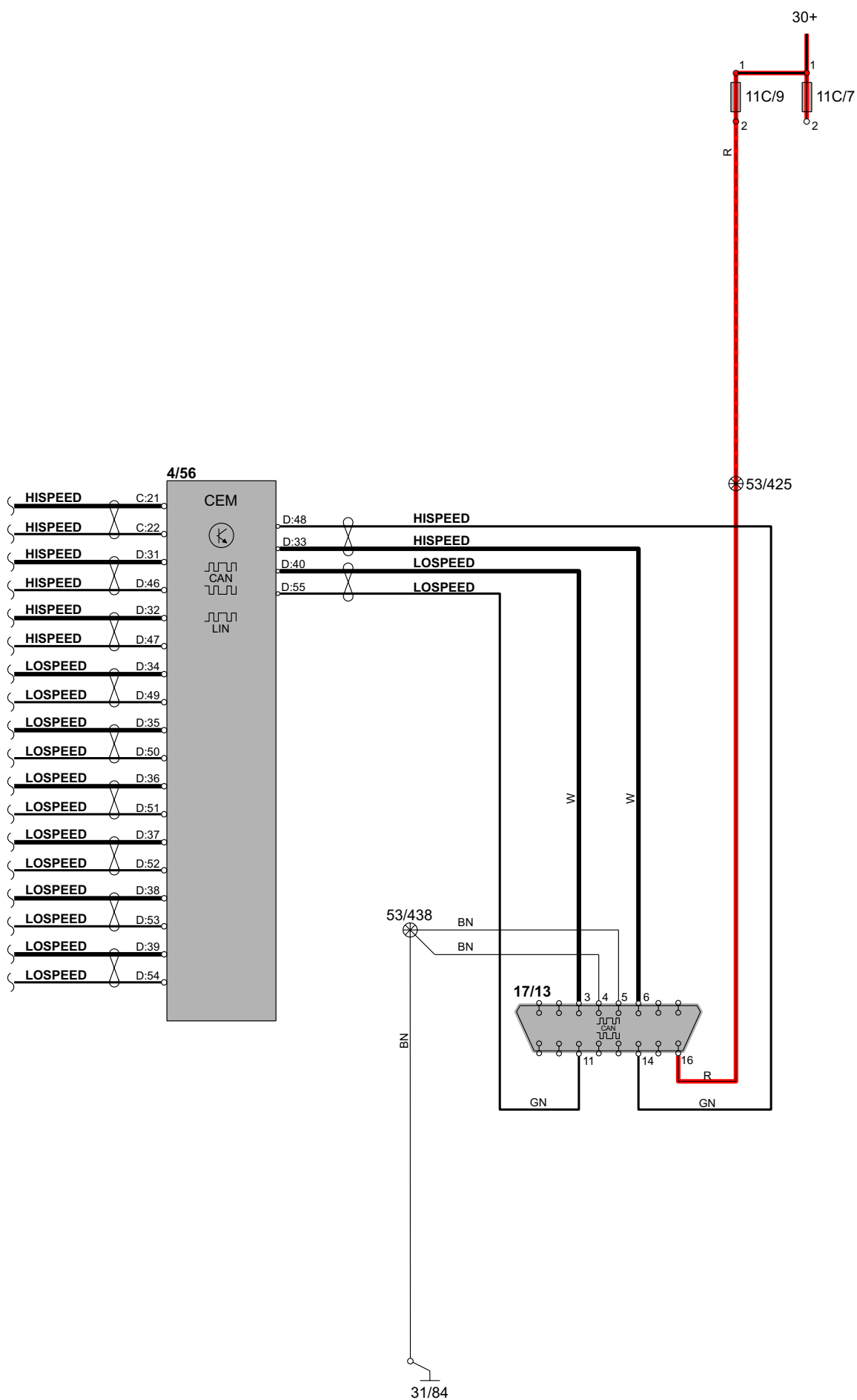
Group 36 Additional electrical equipment

Parking assistance



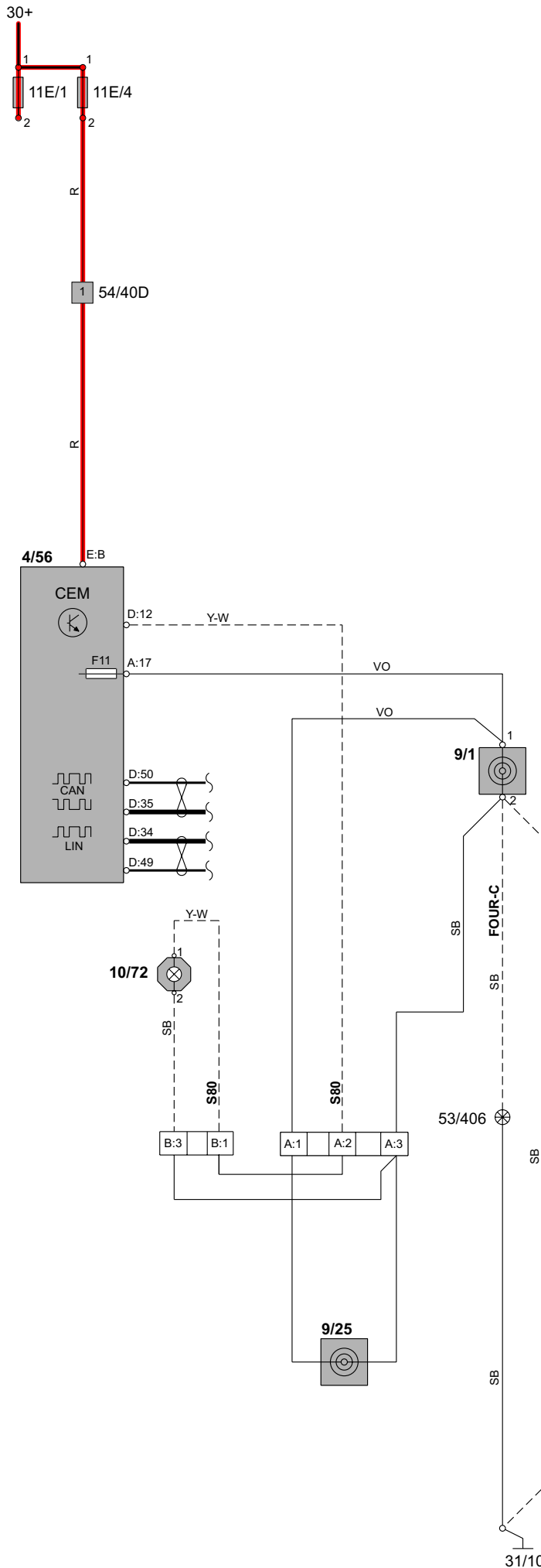
Group 37 Wiring and fuses

Diagnostics system



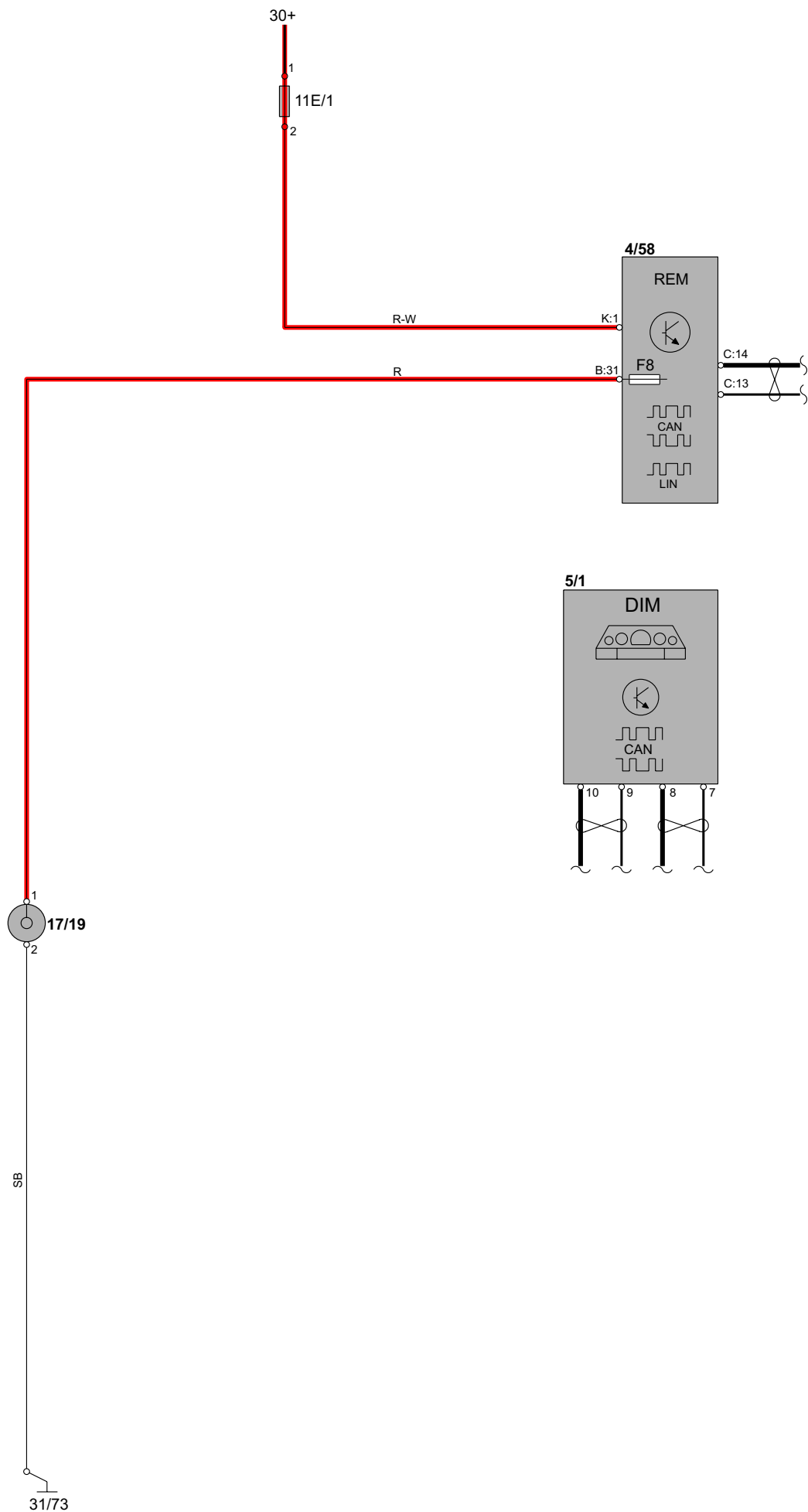
Group 37 Wiring and fuses

12V outlet



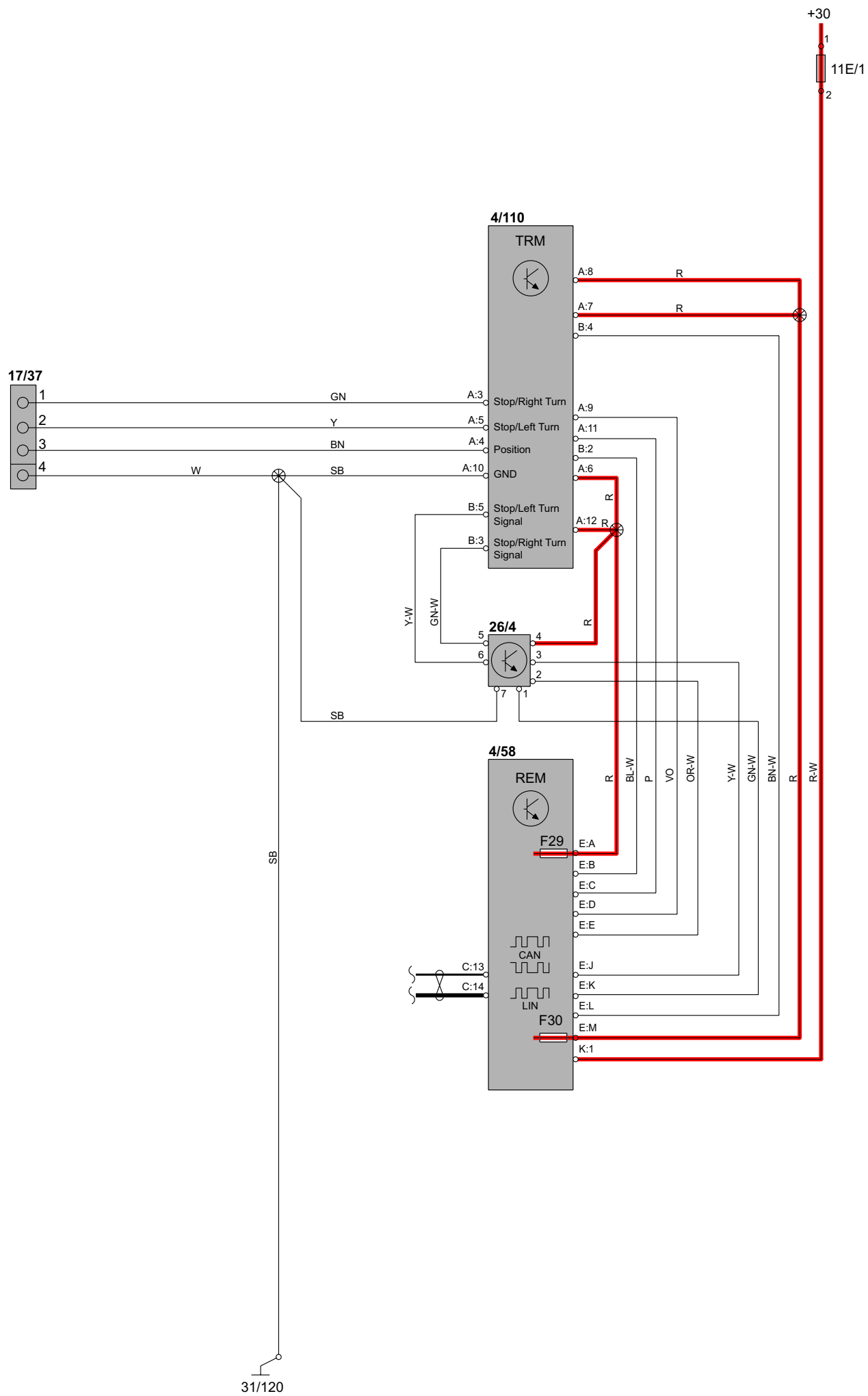
Group 37 Wiring and fuses, Accessories

12V outlet, cargo compartment



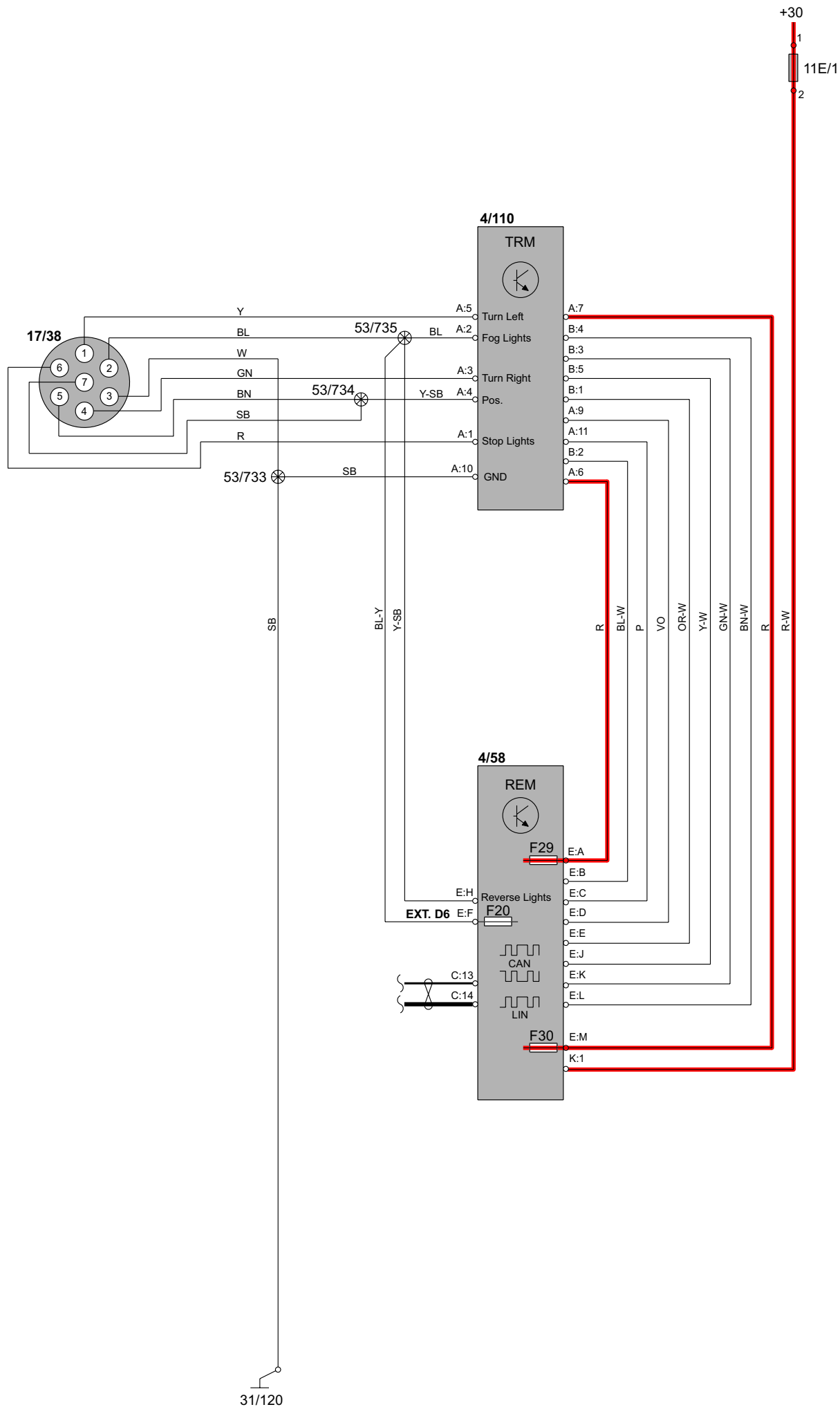
Group 37 Wiring and fuses, Accessories

Towbar cable harness, 4-pin



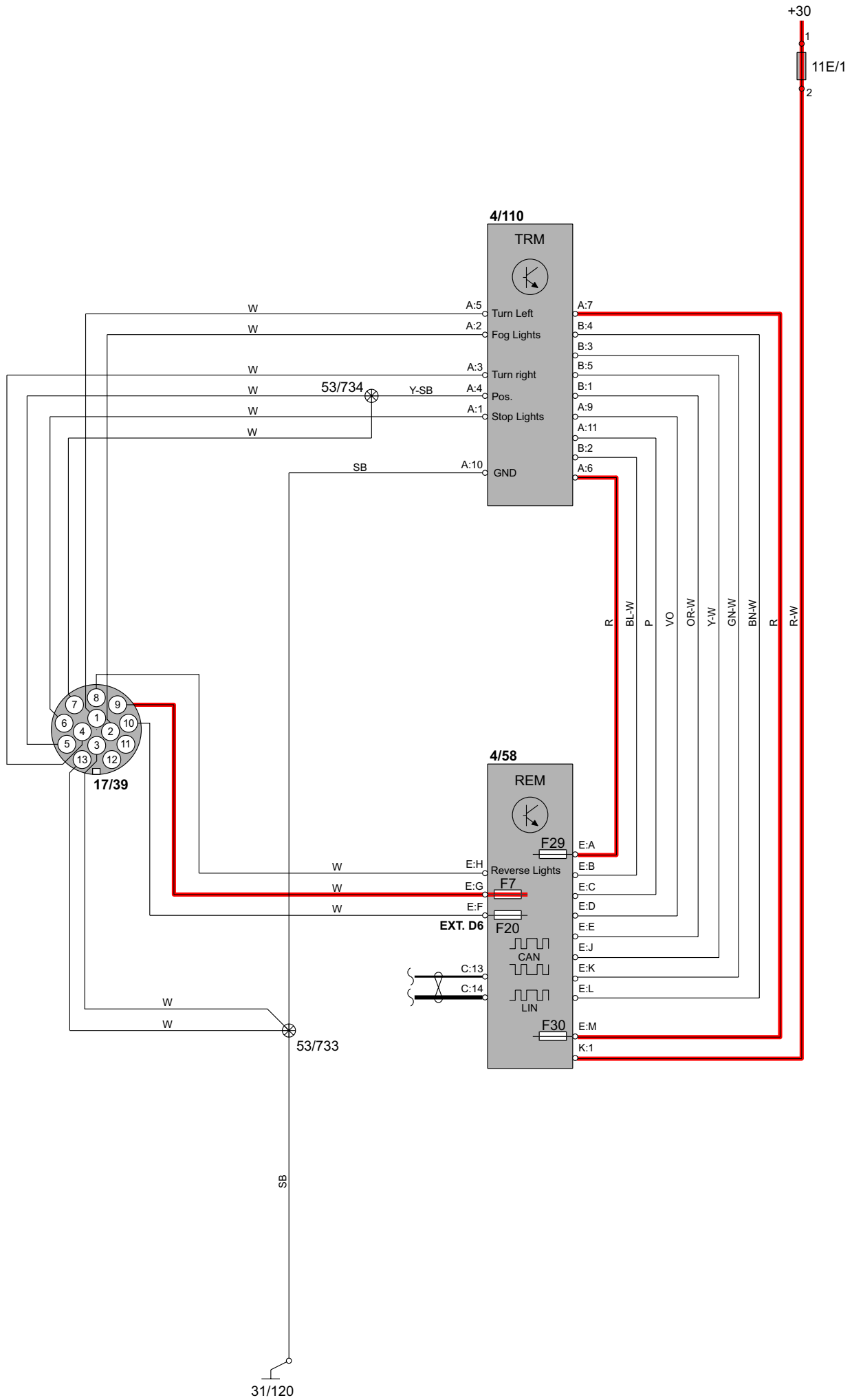
Group 37 Wiring and fuses, Accessories

Towbar cable harness, 7-pin



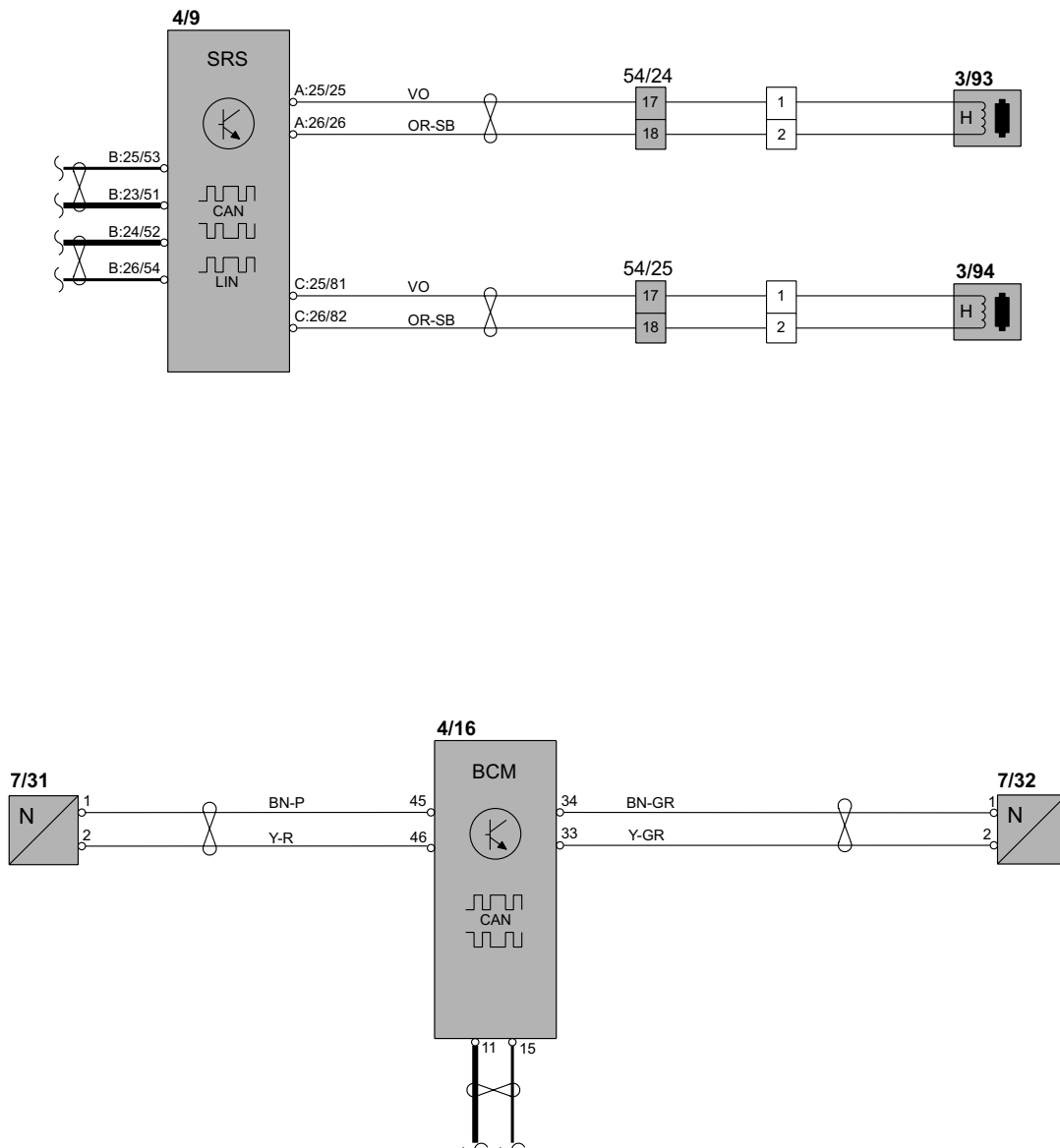
Group 37 Wiring and fuses, Accessories

Towbar cable harness, 13-pin



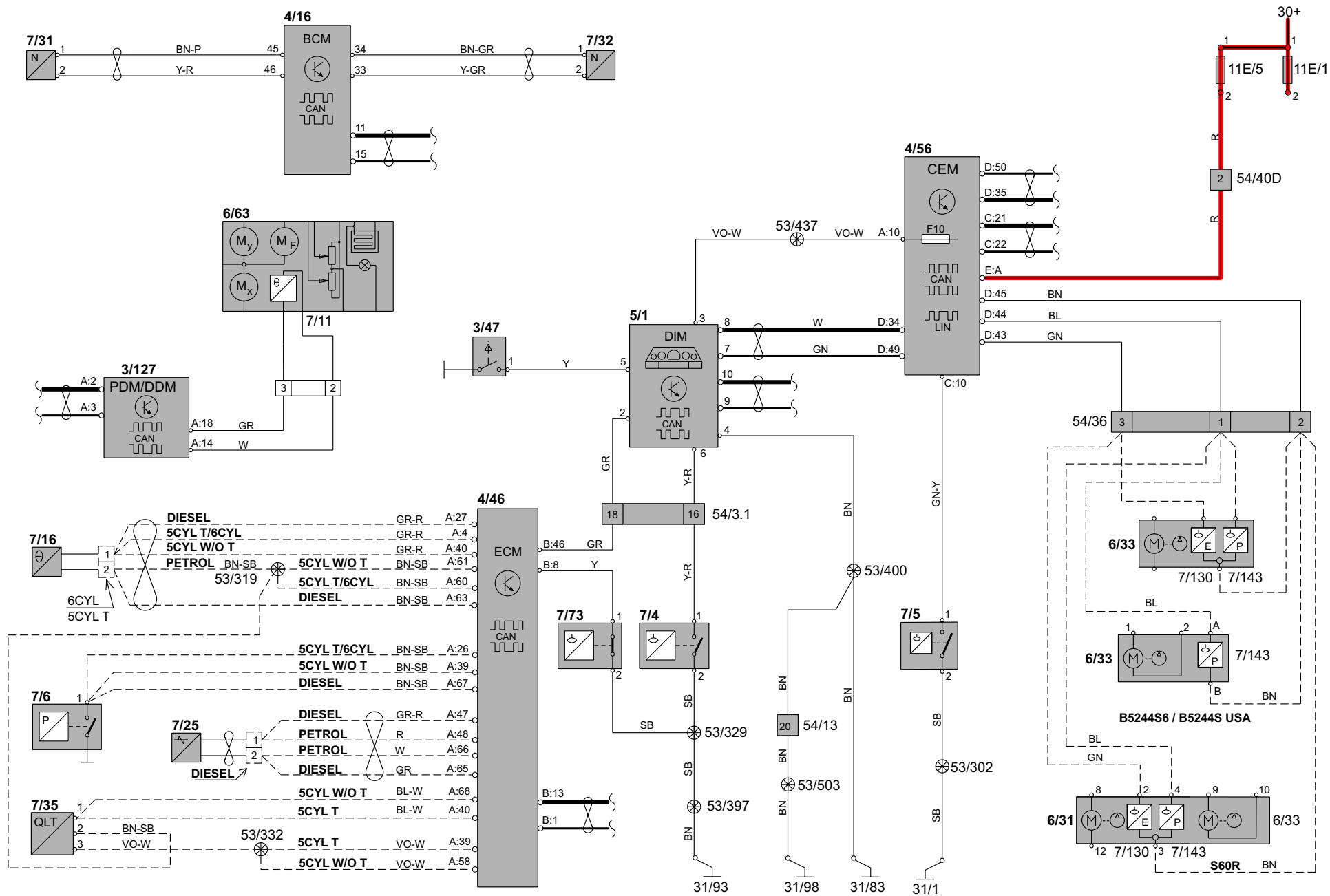
Group 38 Instruments

Seat belt reminder



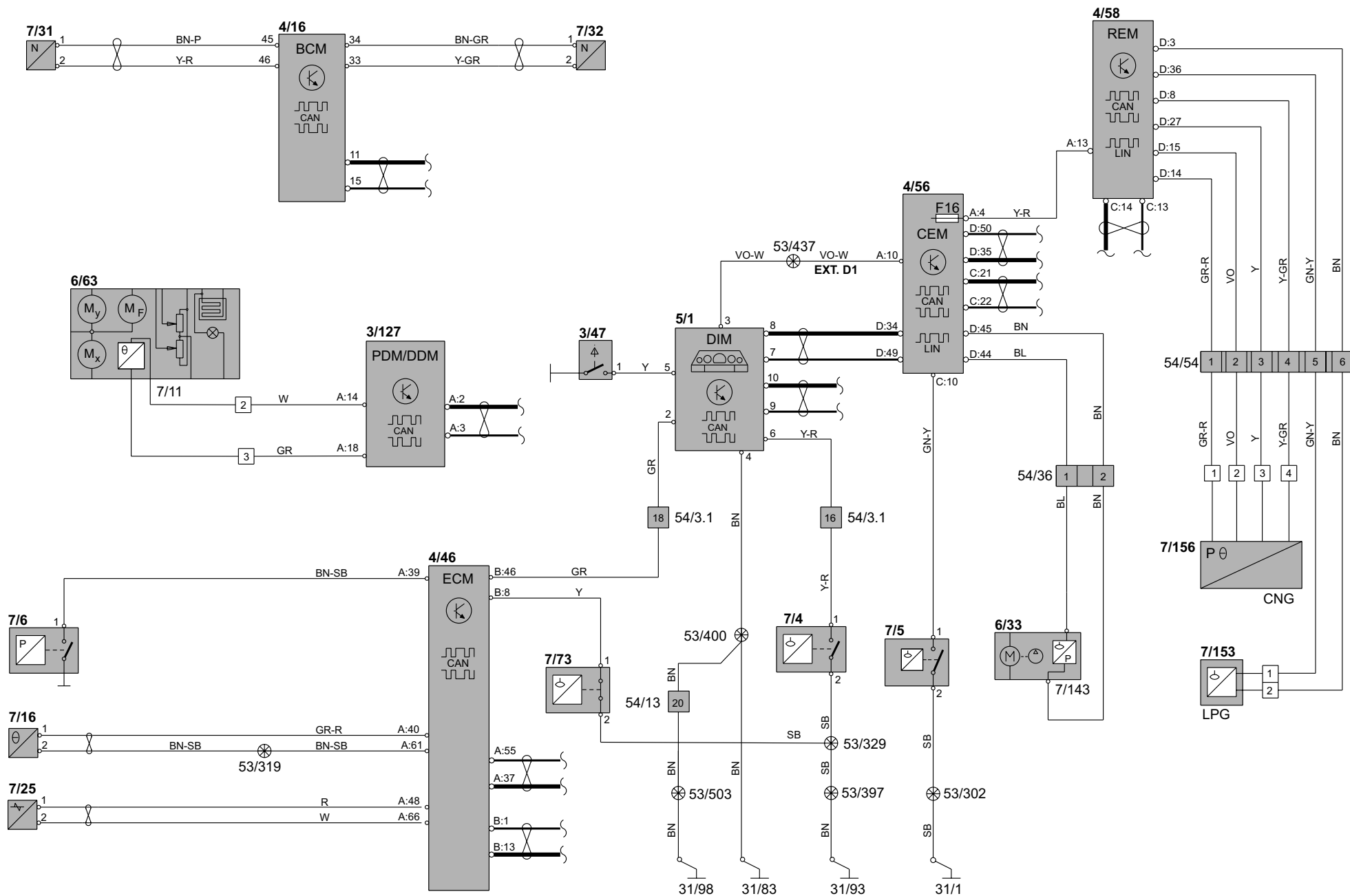
Group 38 Instruments

Driver information module

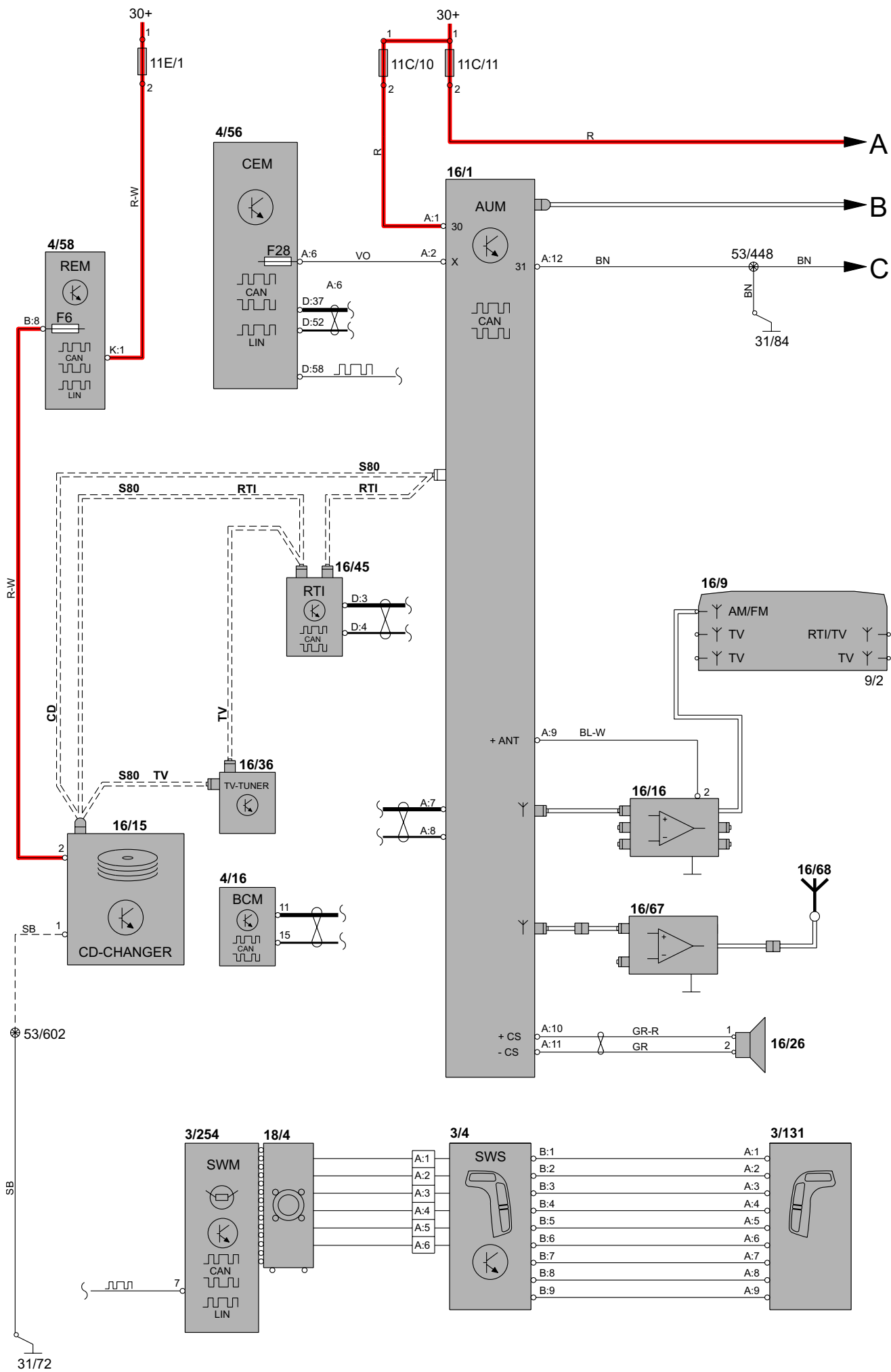


Group 38 Instruments

Driver information module, Bi-Fuel

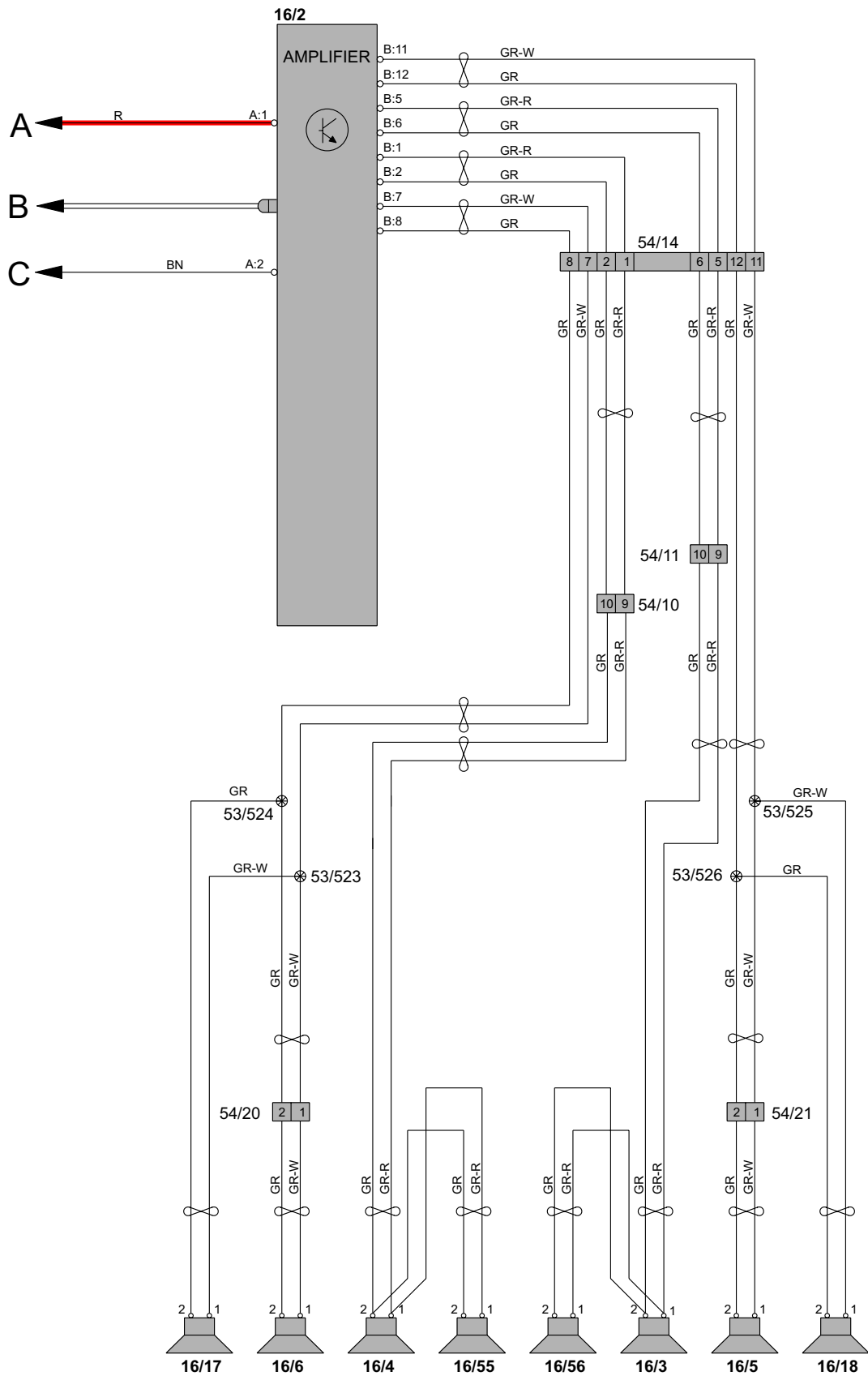


Audio with auxiliary amplifier 1:2

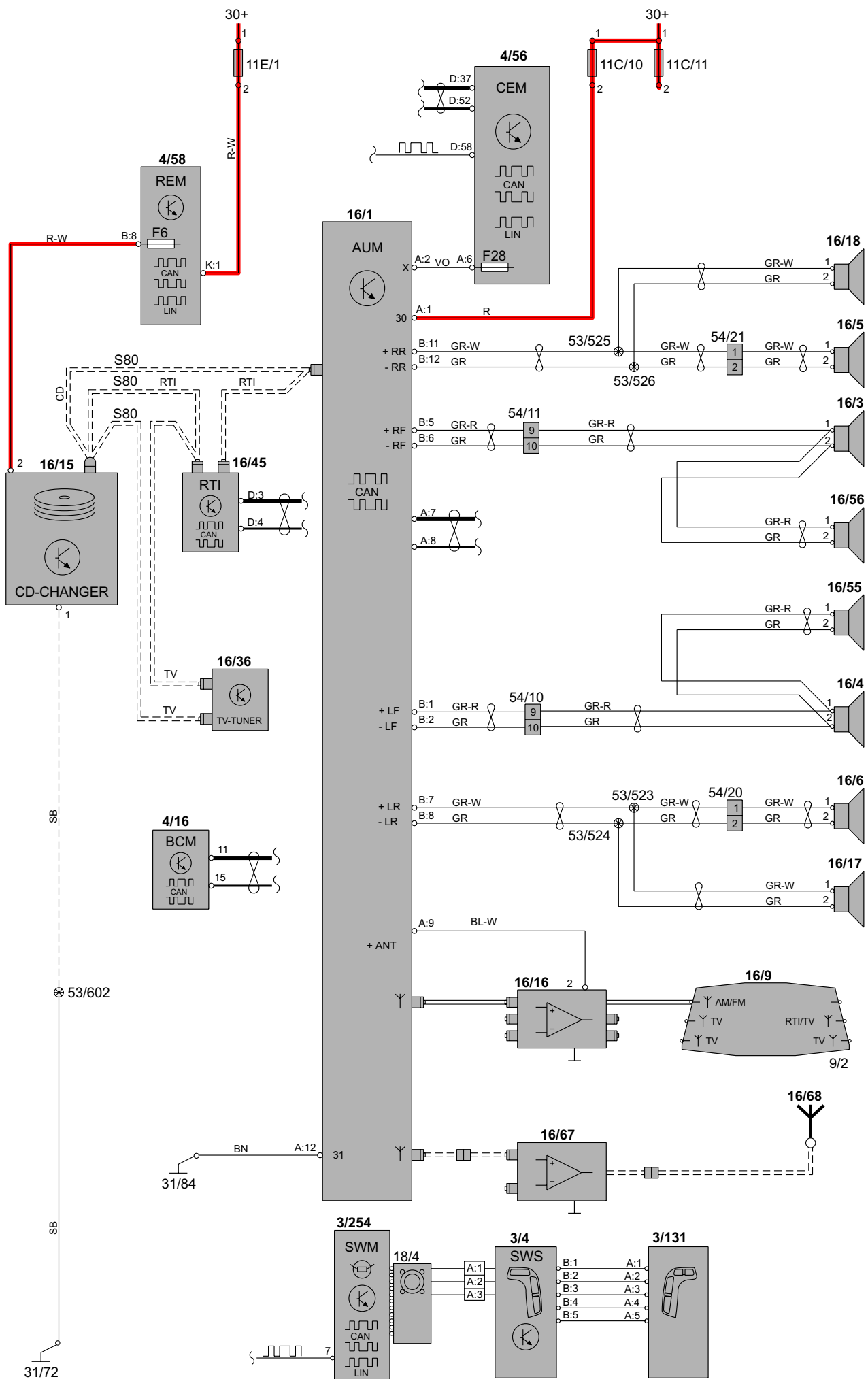


Group 39 Other

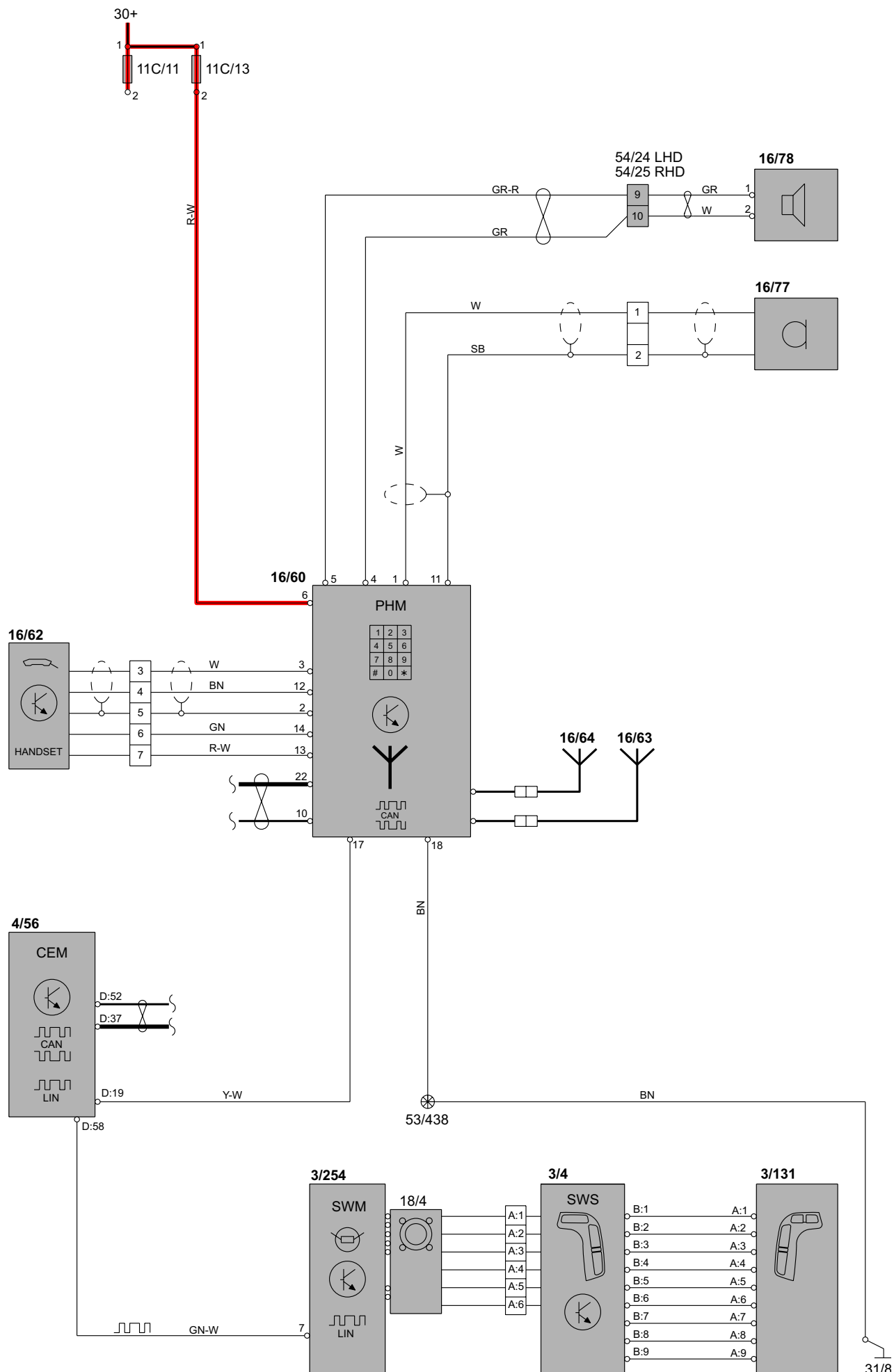
Audio with auxiliary amplifier 2:2



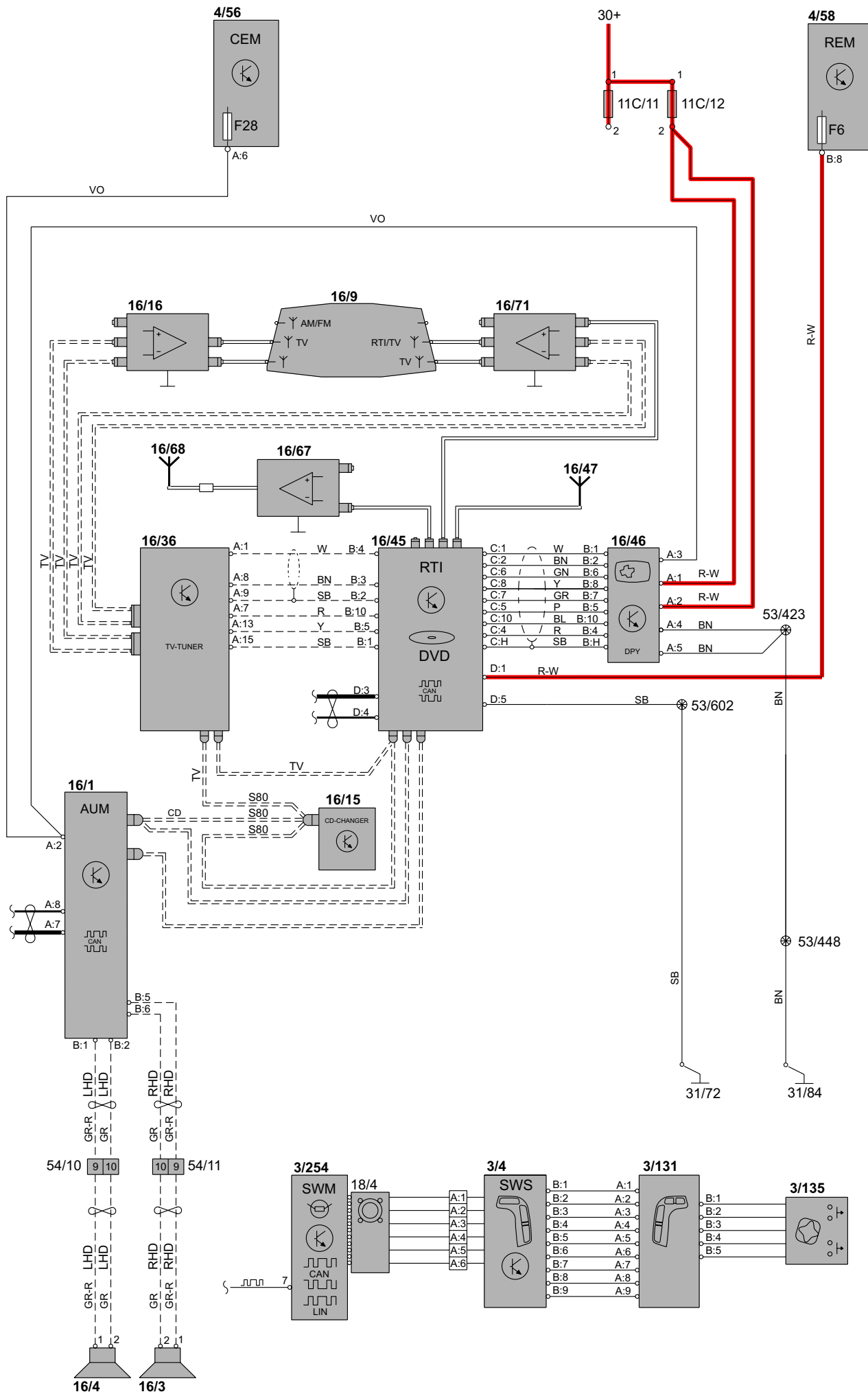
Group 39 Other Audio



Group 39 Other Cellular phone

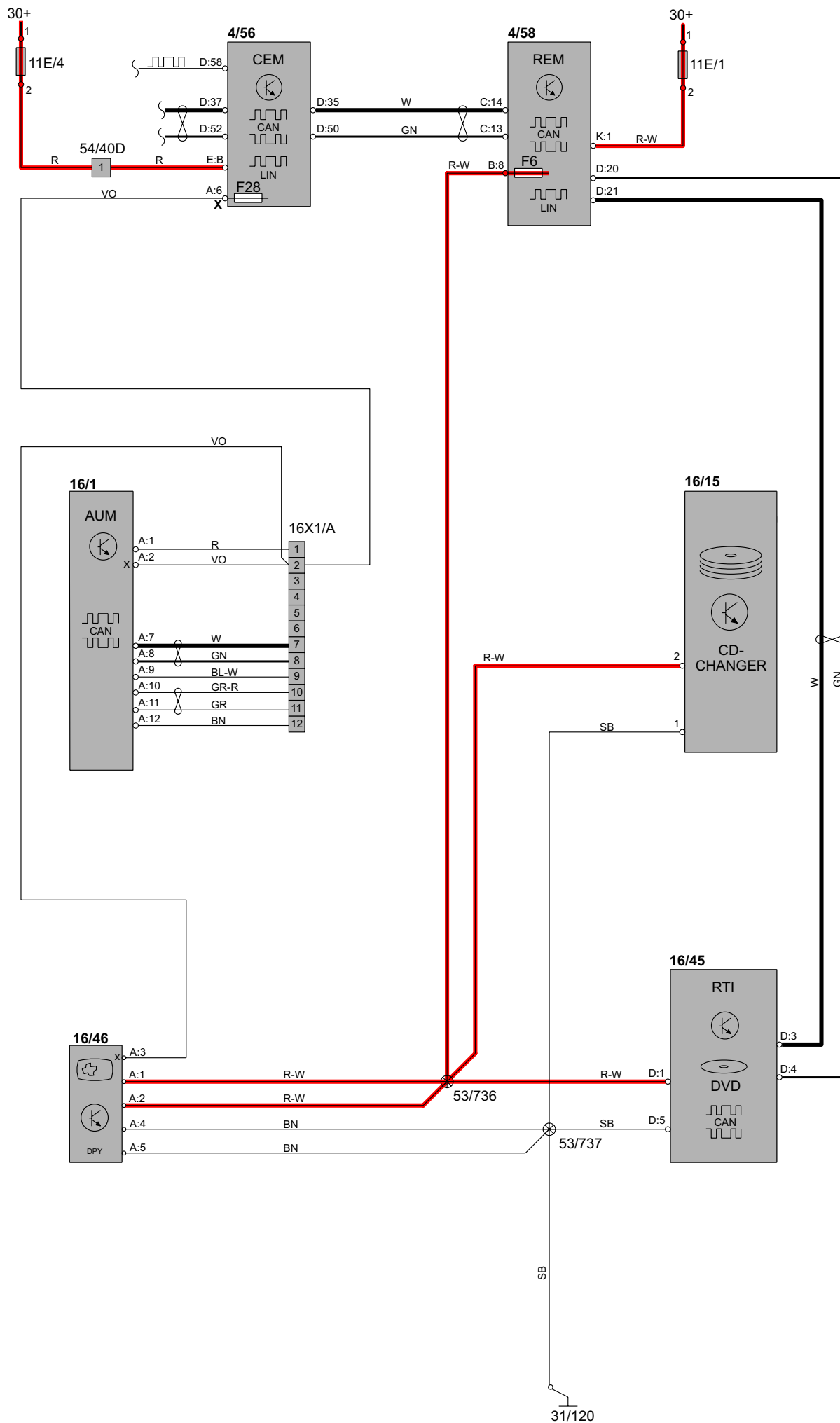


Group 39 Other Road Traffic Information (RTI)

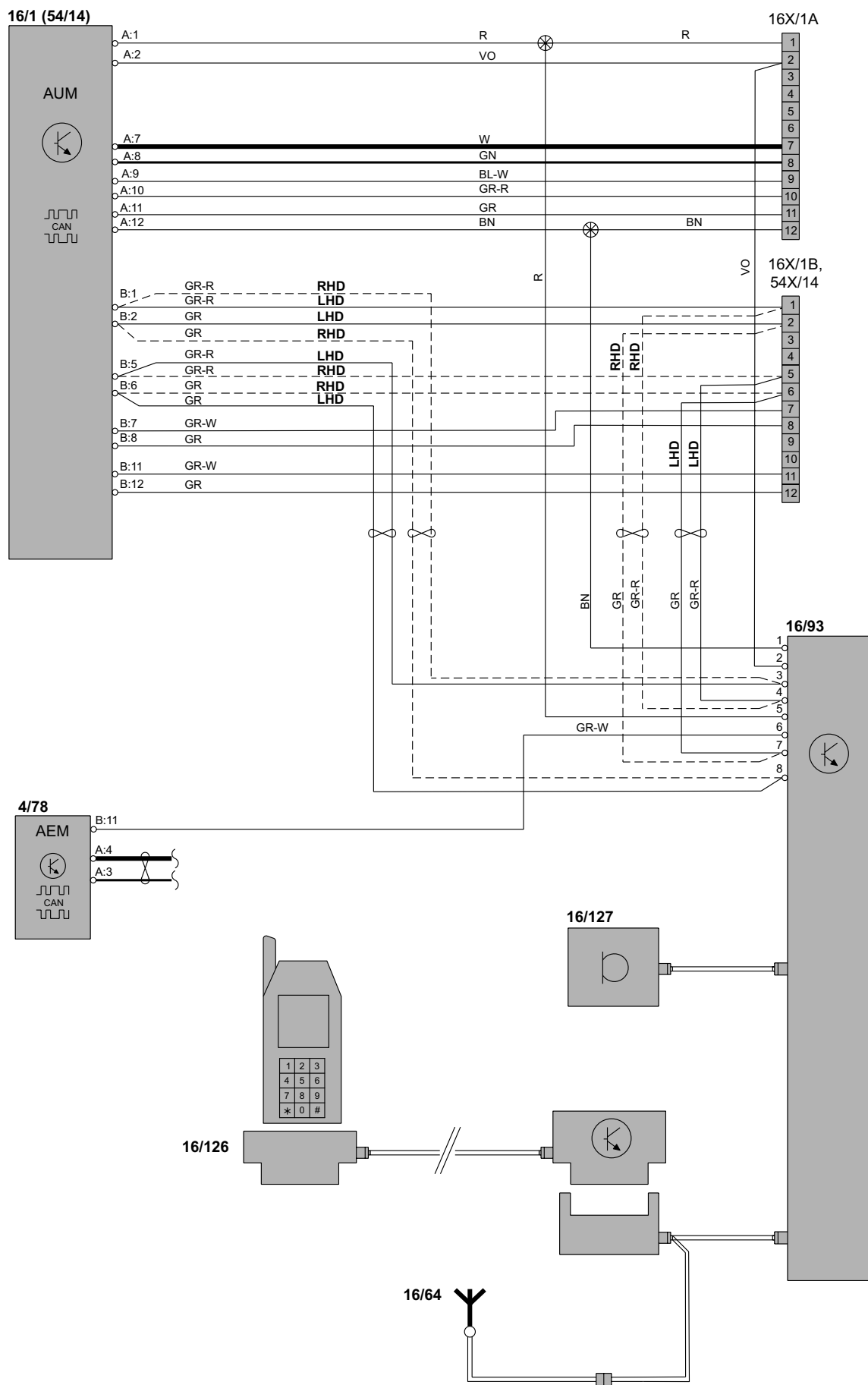


Group 39 Other

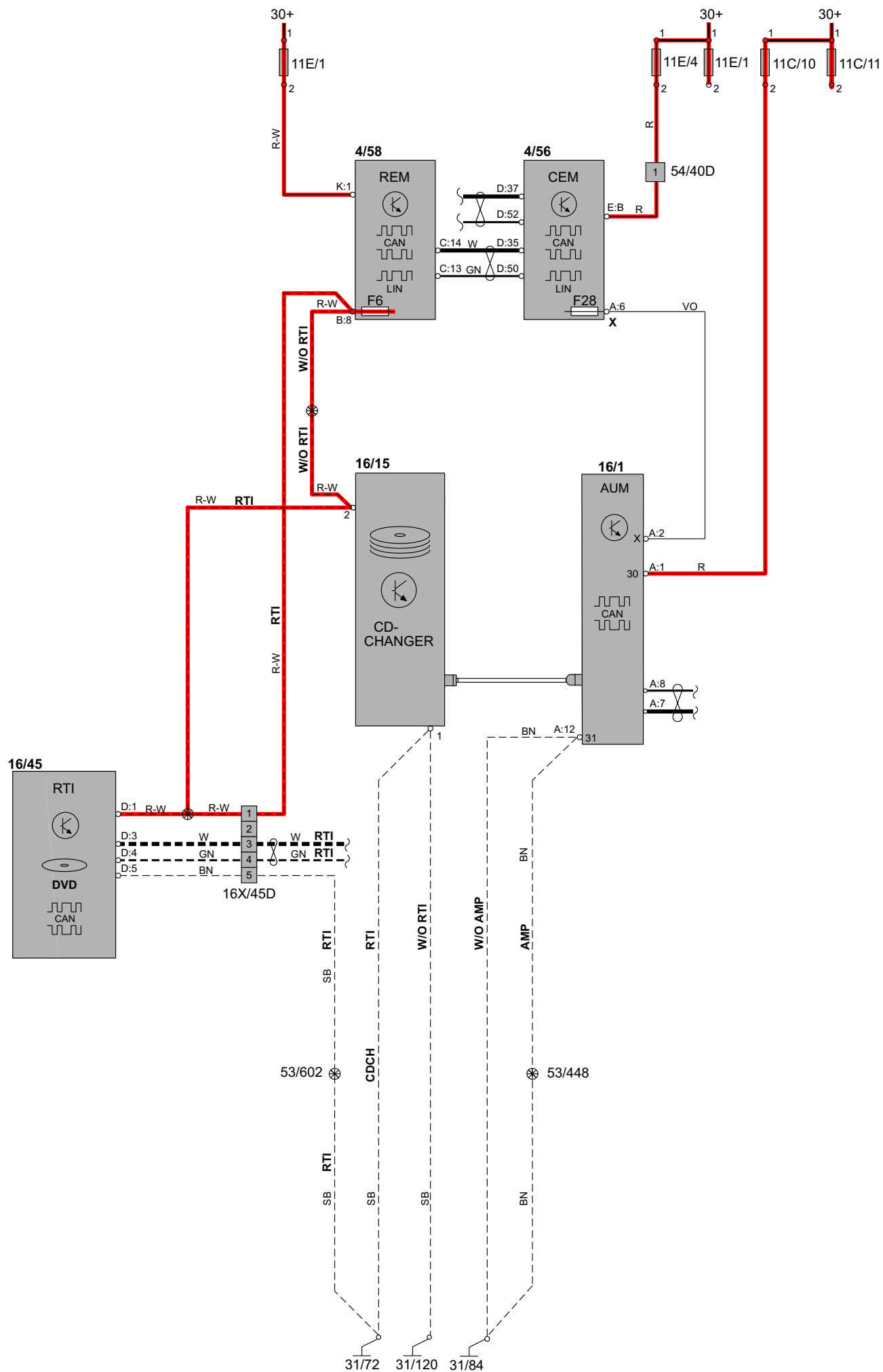
Road Traffic Information (RTI) and CD changer



Group 39 Other, Accessories
Handsfree

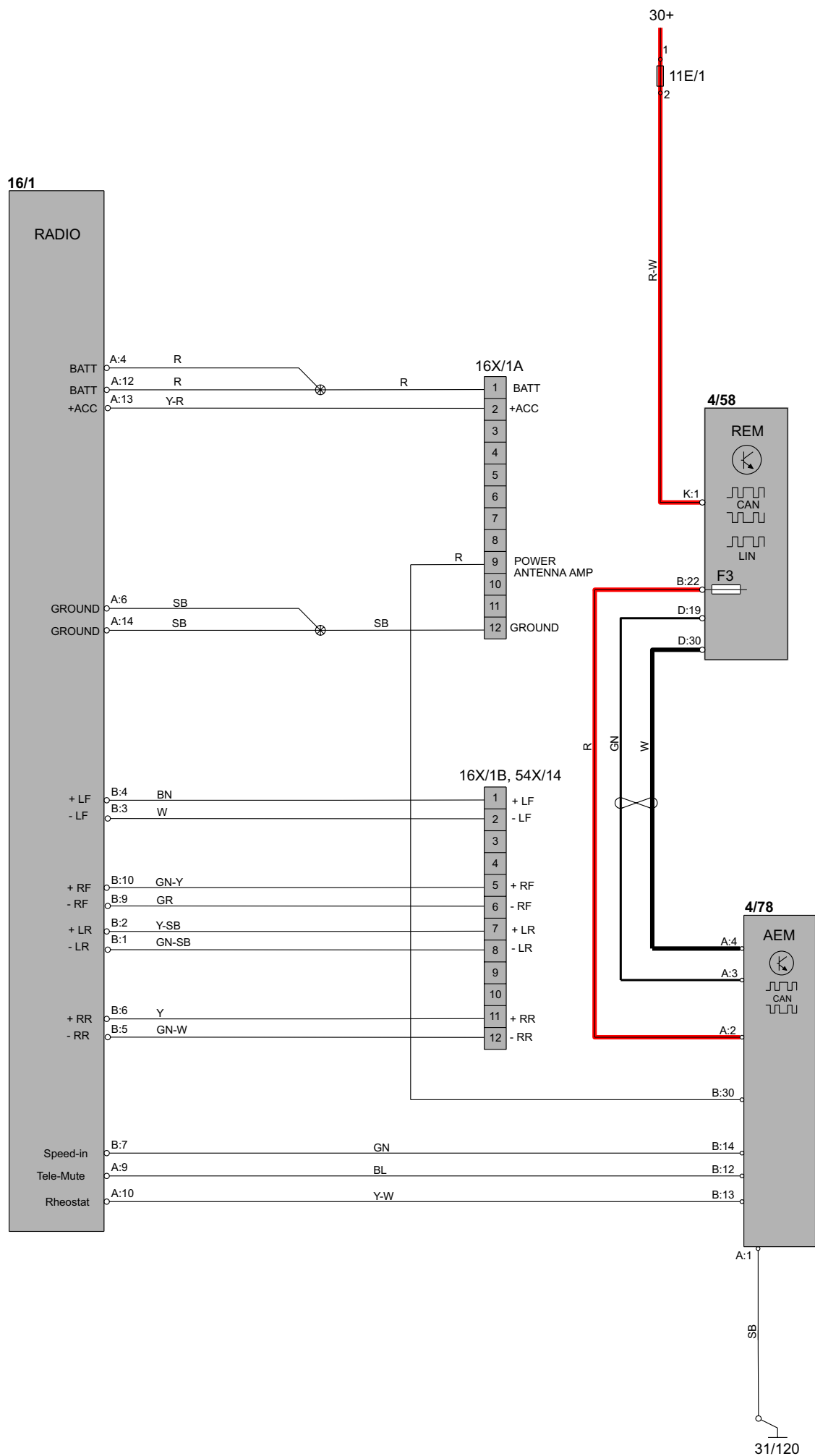


Group 39 Other, Accessories
CD changer

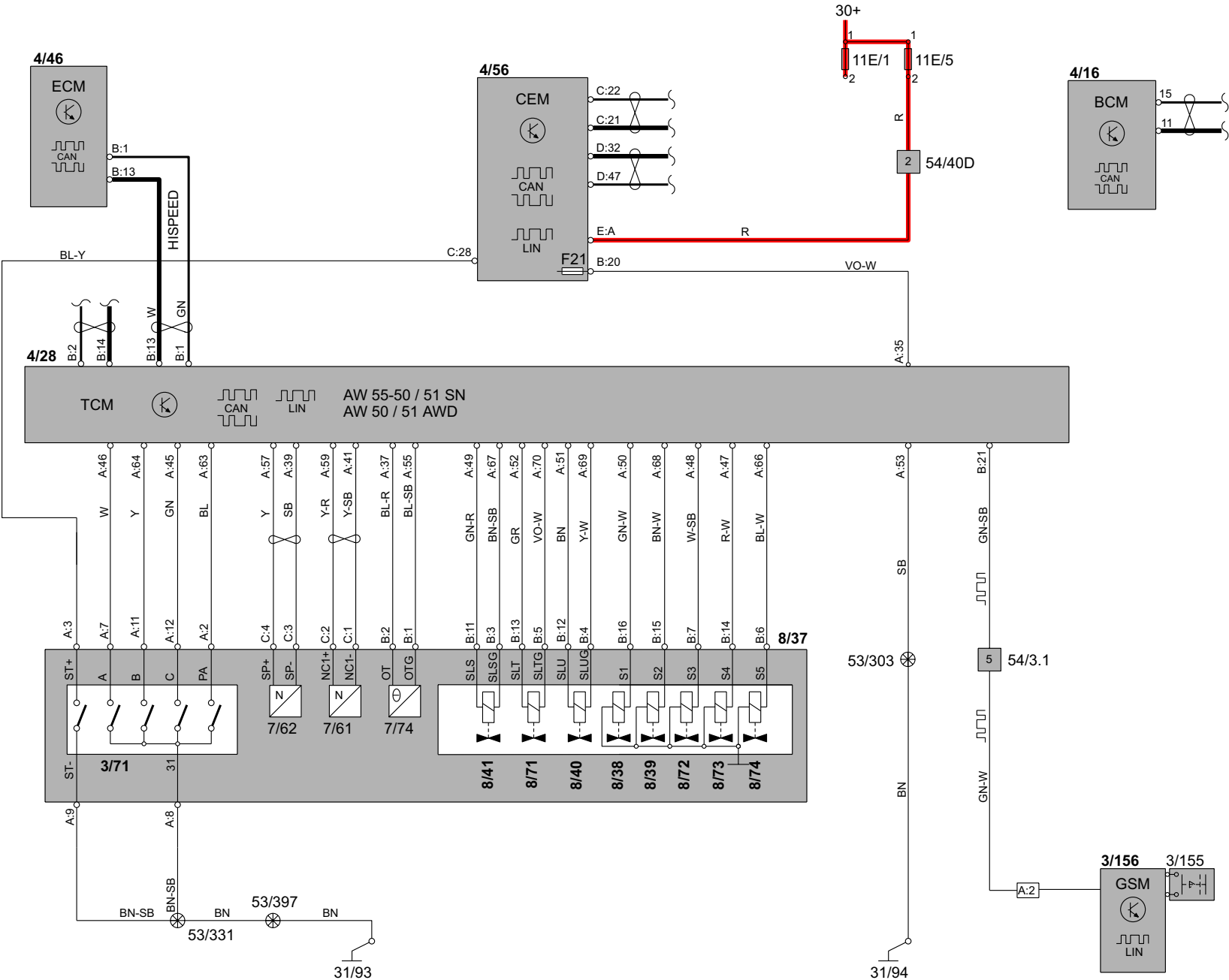


Group 39 Other, Accessories

Audio adapter cable harness

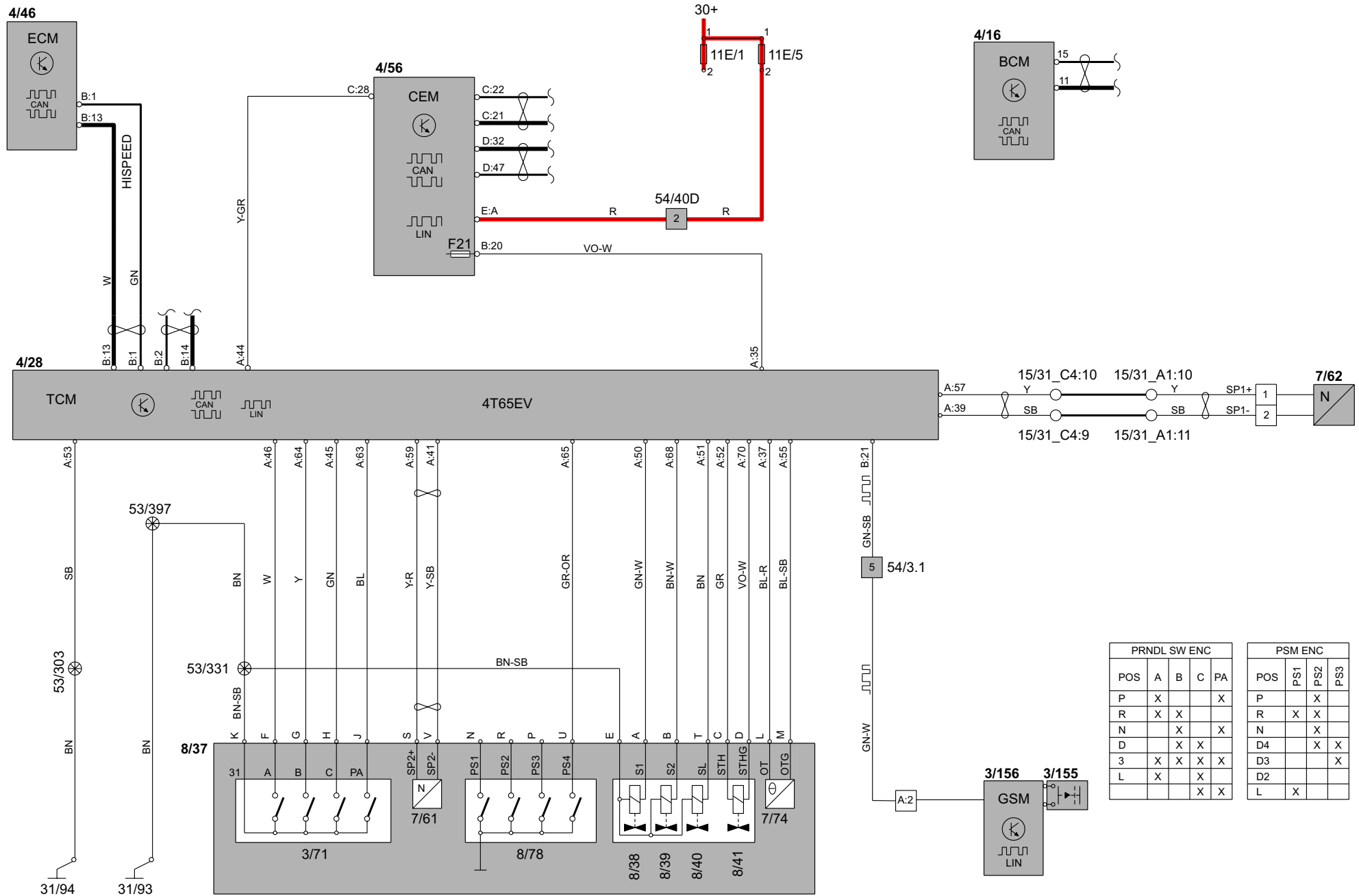


Group 43 Transmission
 Automatic transmission AW55-50SN/AW50AWD

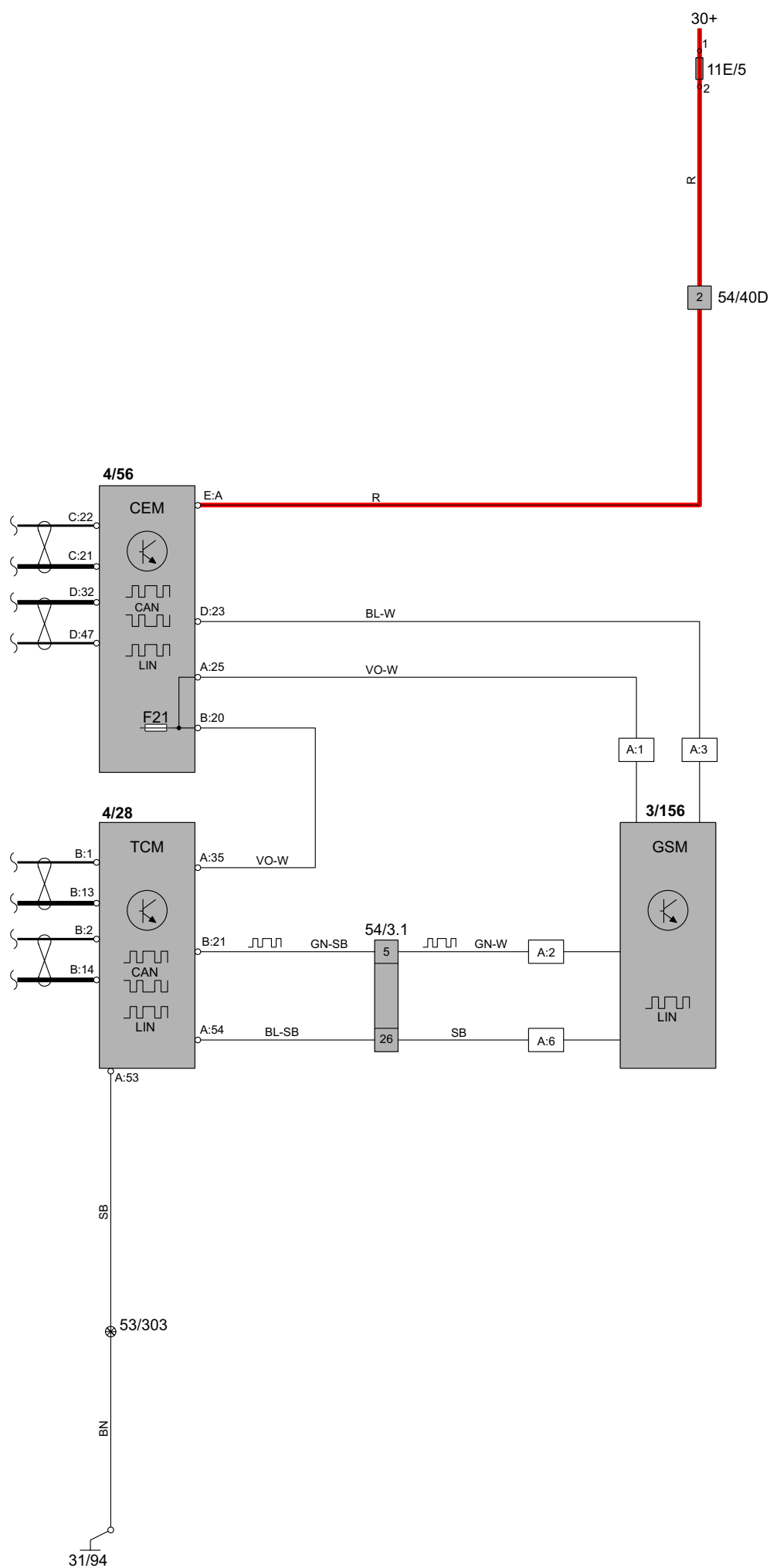


PRNDL SW ENC				
POS	A	B	C	PA
P	X			X
R	X	X		
N		X		X
D		X	X	
4	X	X	X	X
3	X		X	
L			X	X

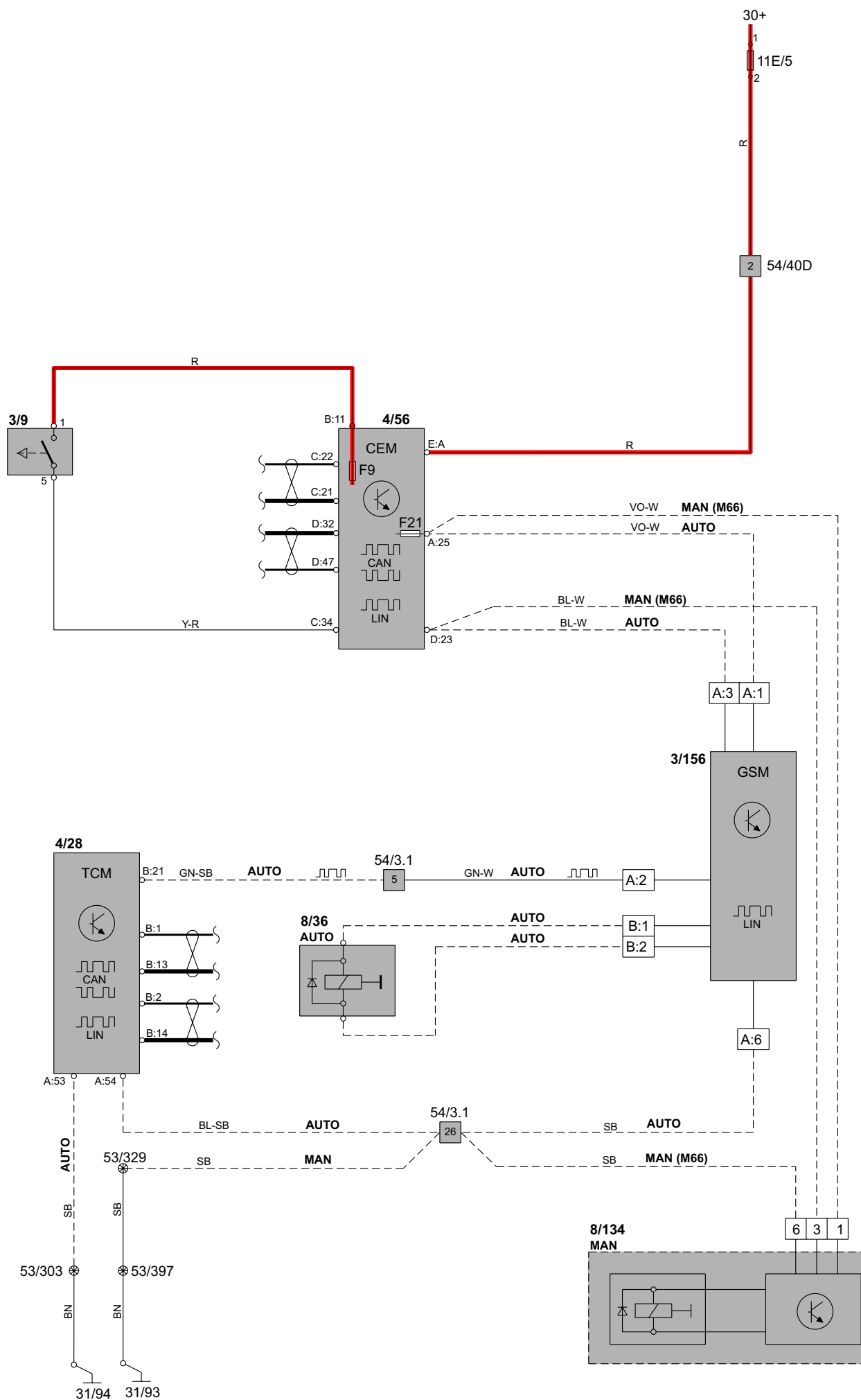
Group 43 Transmission
Automatic transmission 4T65EV



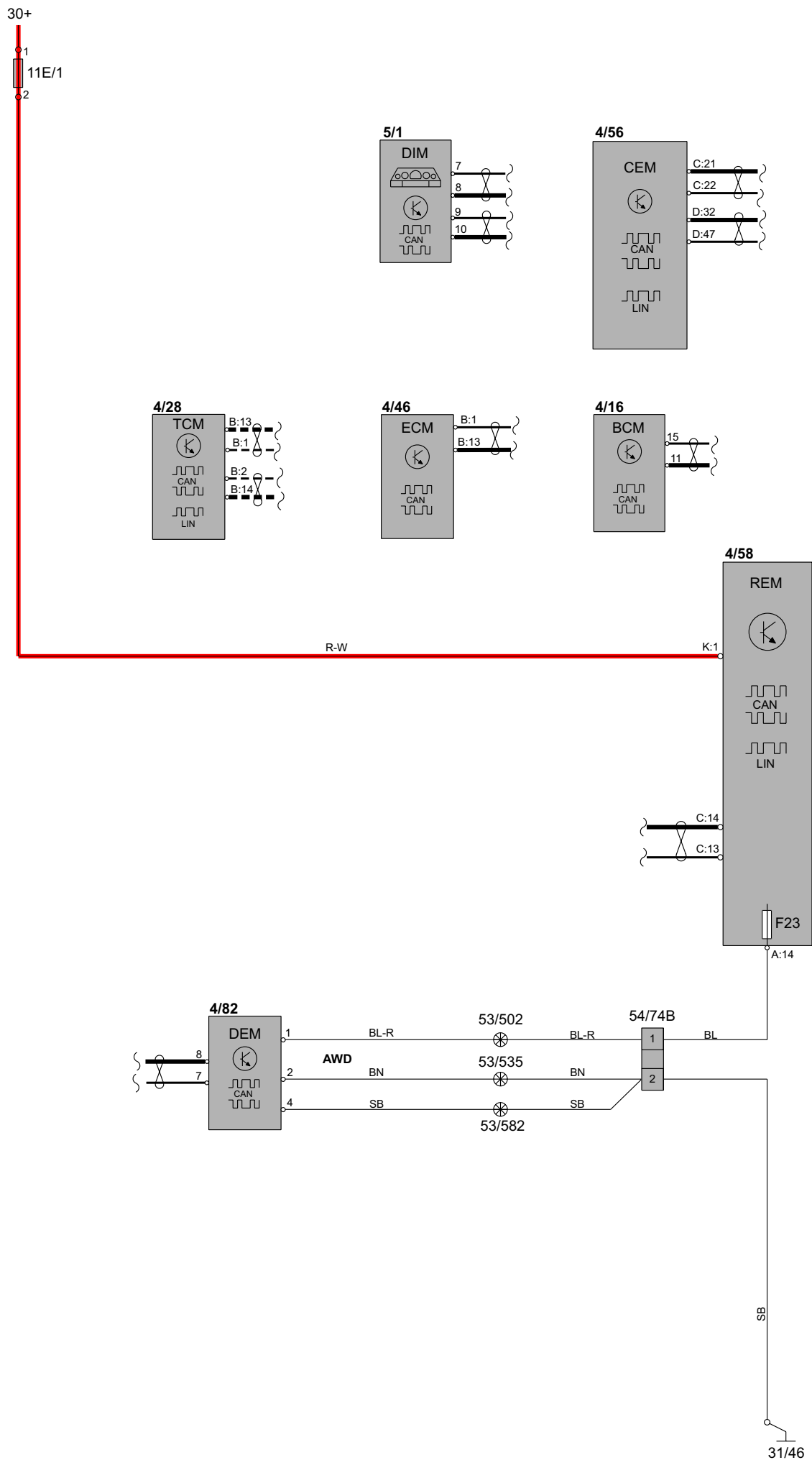
Group 43 Transmission
Geartronic



Group 43 Transmission Shift lock

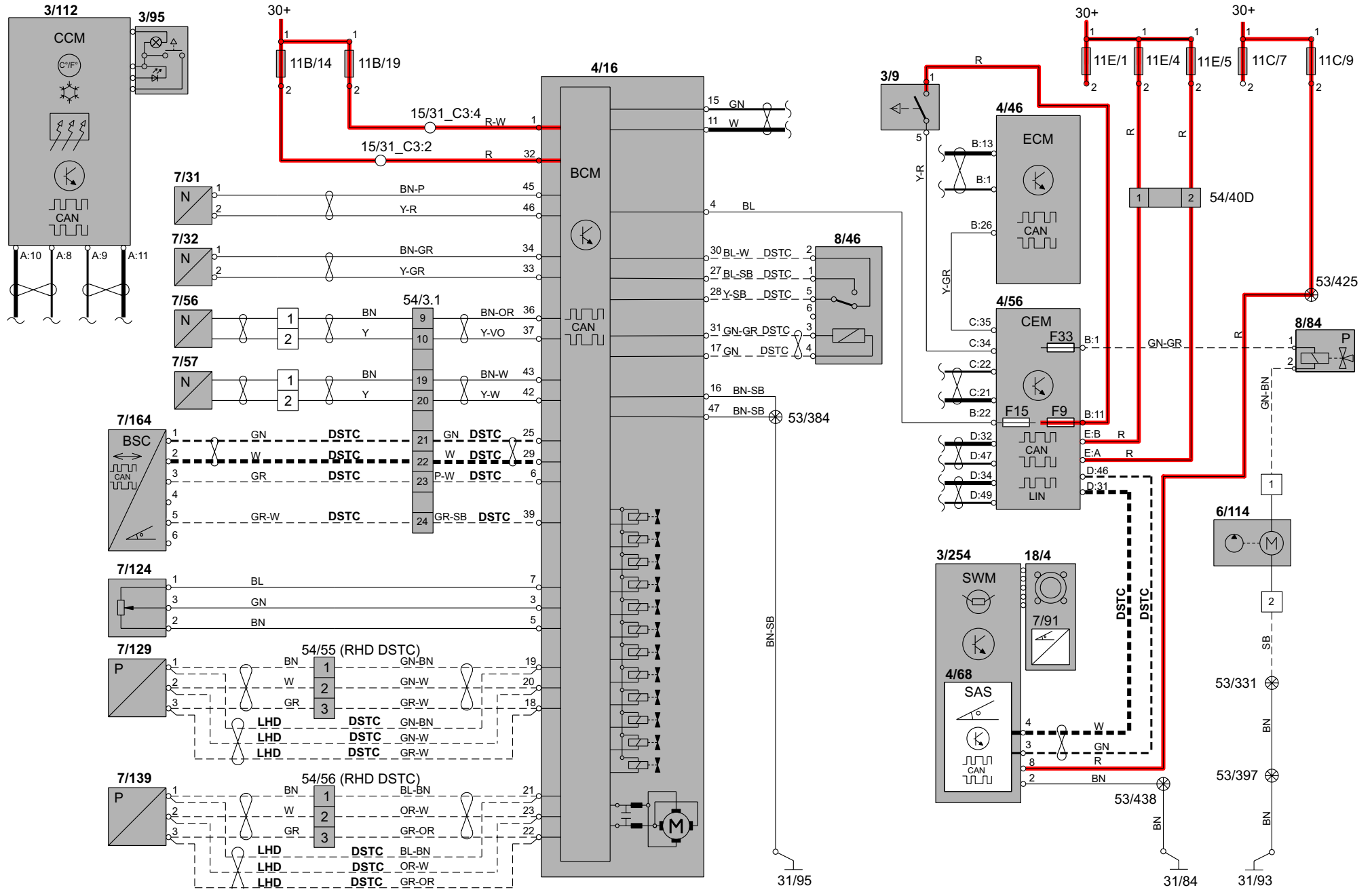


Group 43 Transmission Differential Electronic Module (DEM)

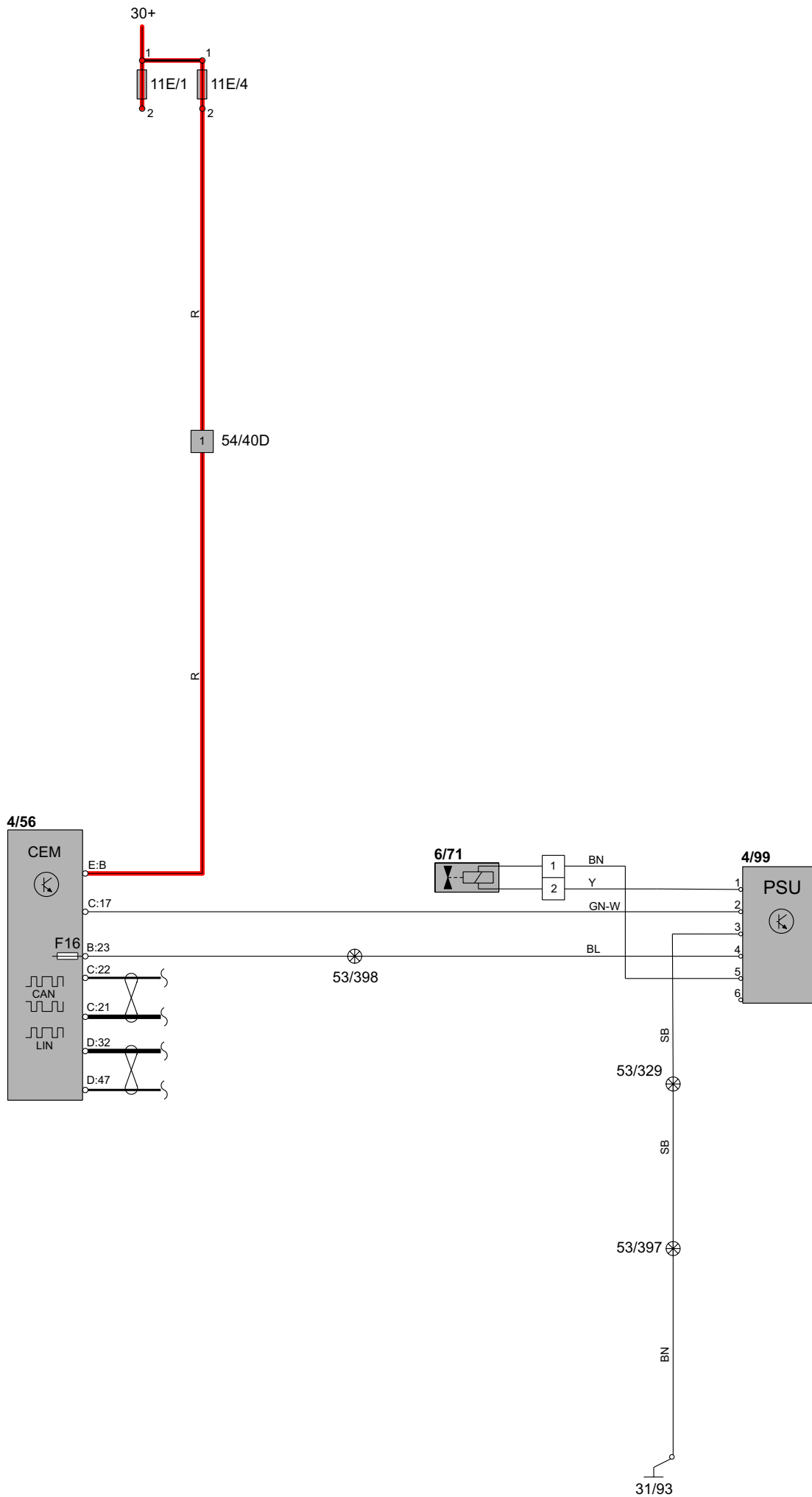


Group 59 Brake system

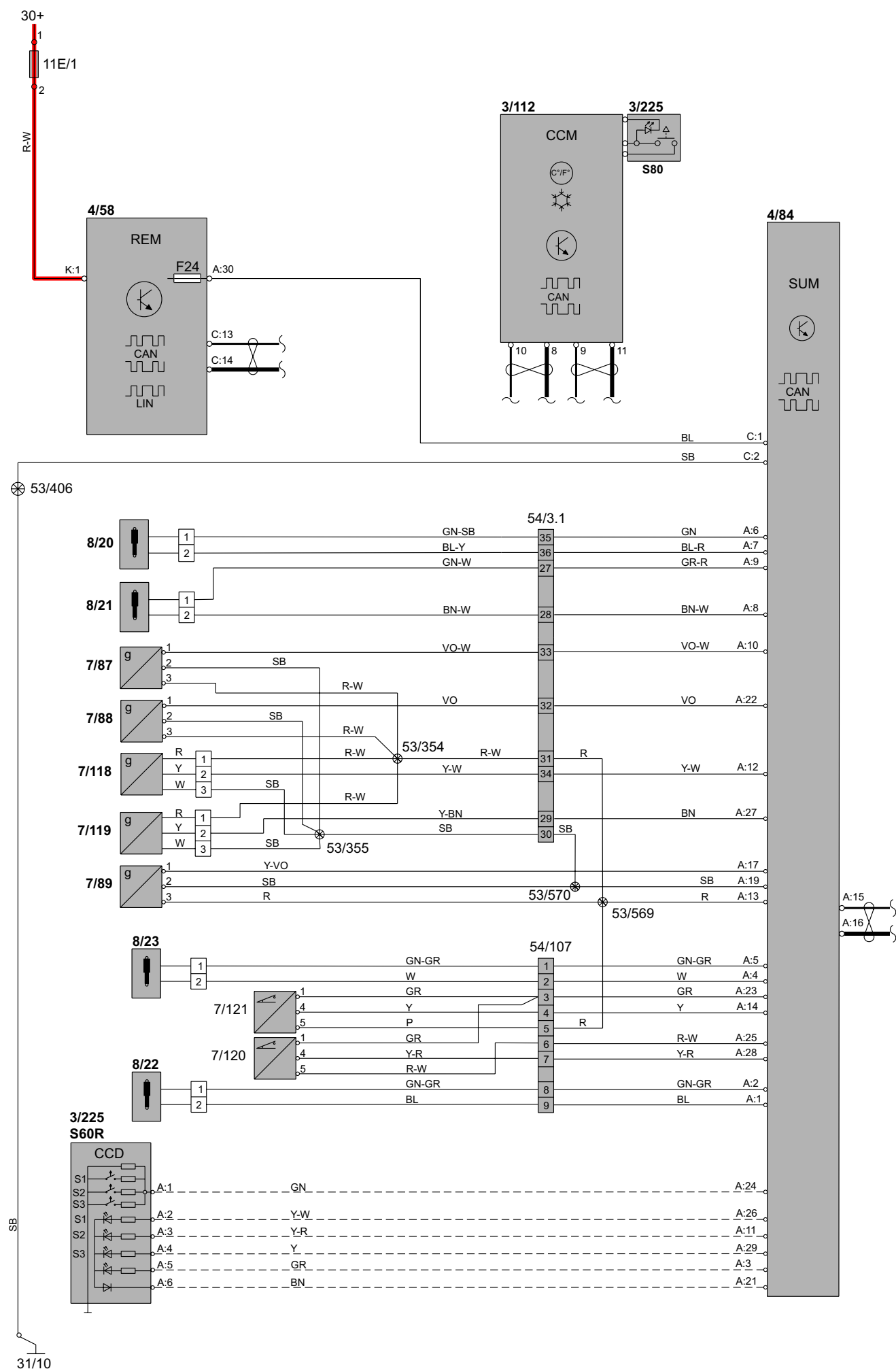
Brake control system



Group 64 Steering
Electronic power steering

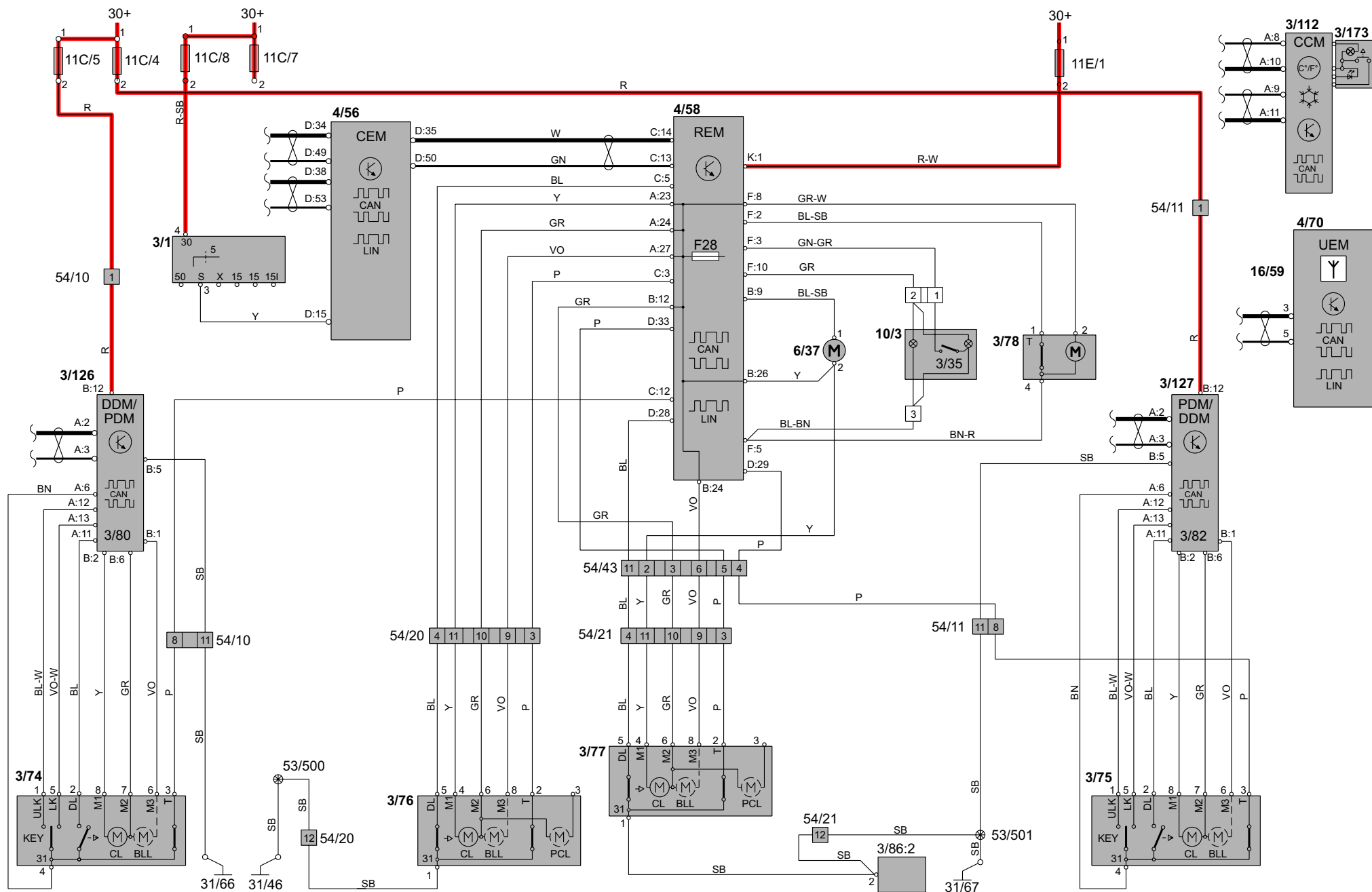


Group 76 Shock absorbers Four-C



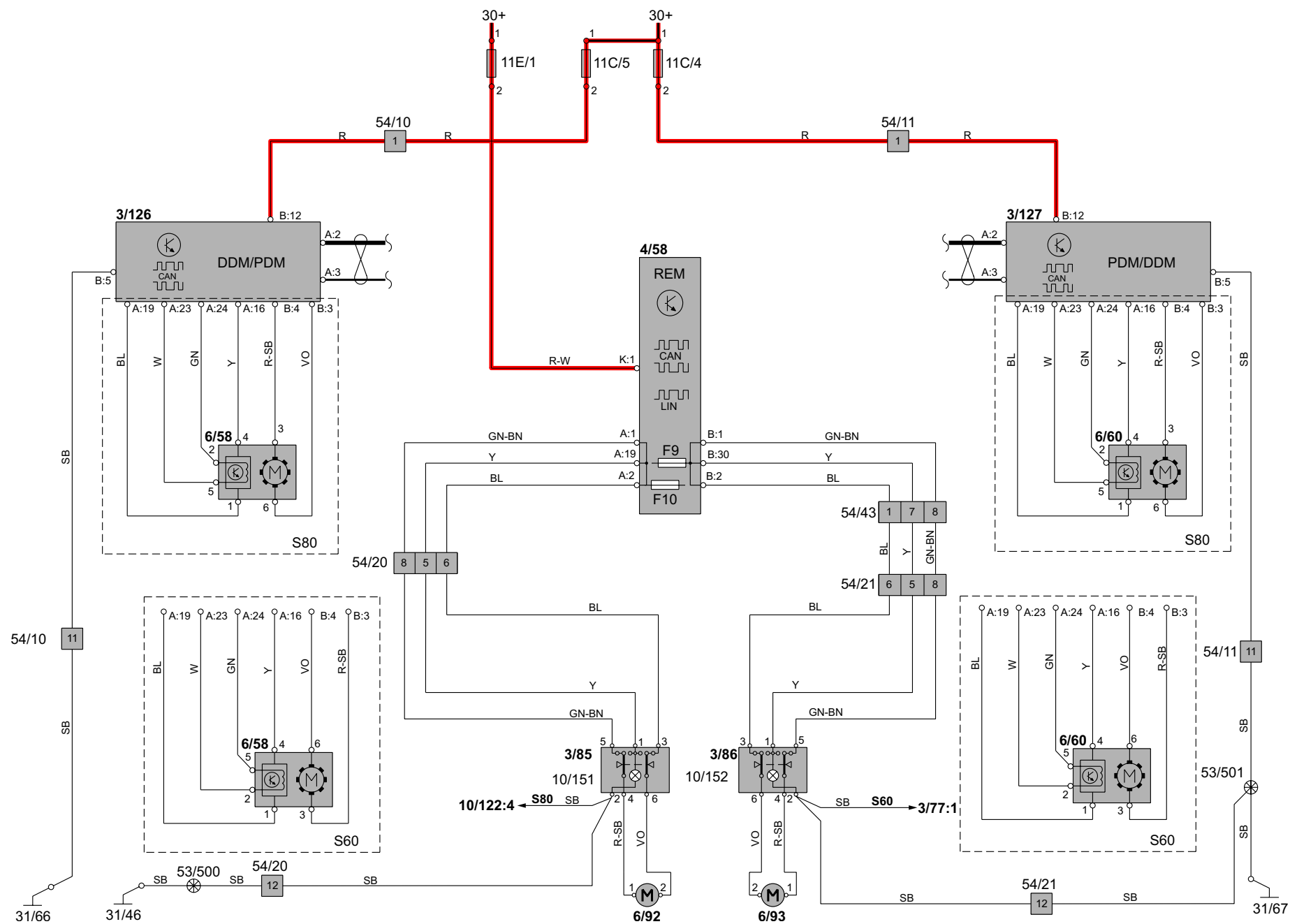
Group 83 Doors and openings

Central locking



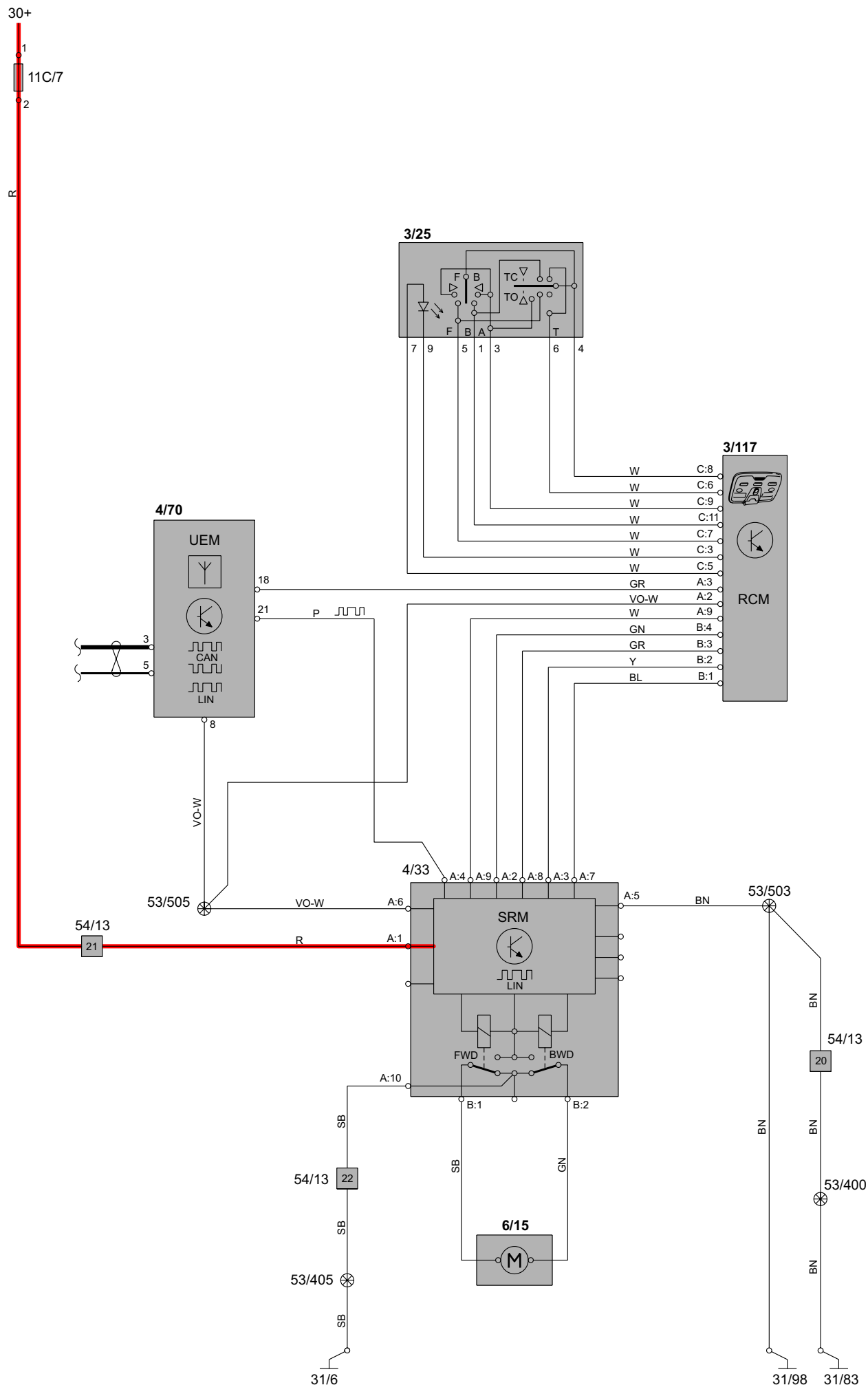
Group 83 Doors and openings

Power windows

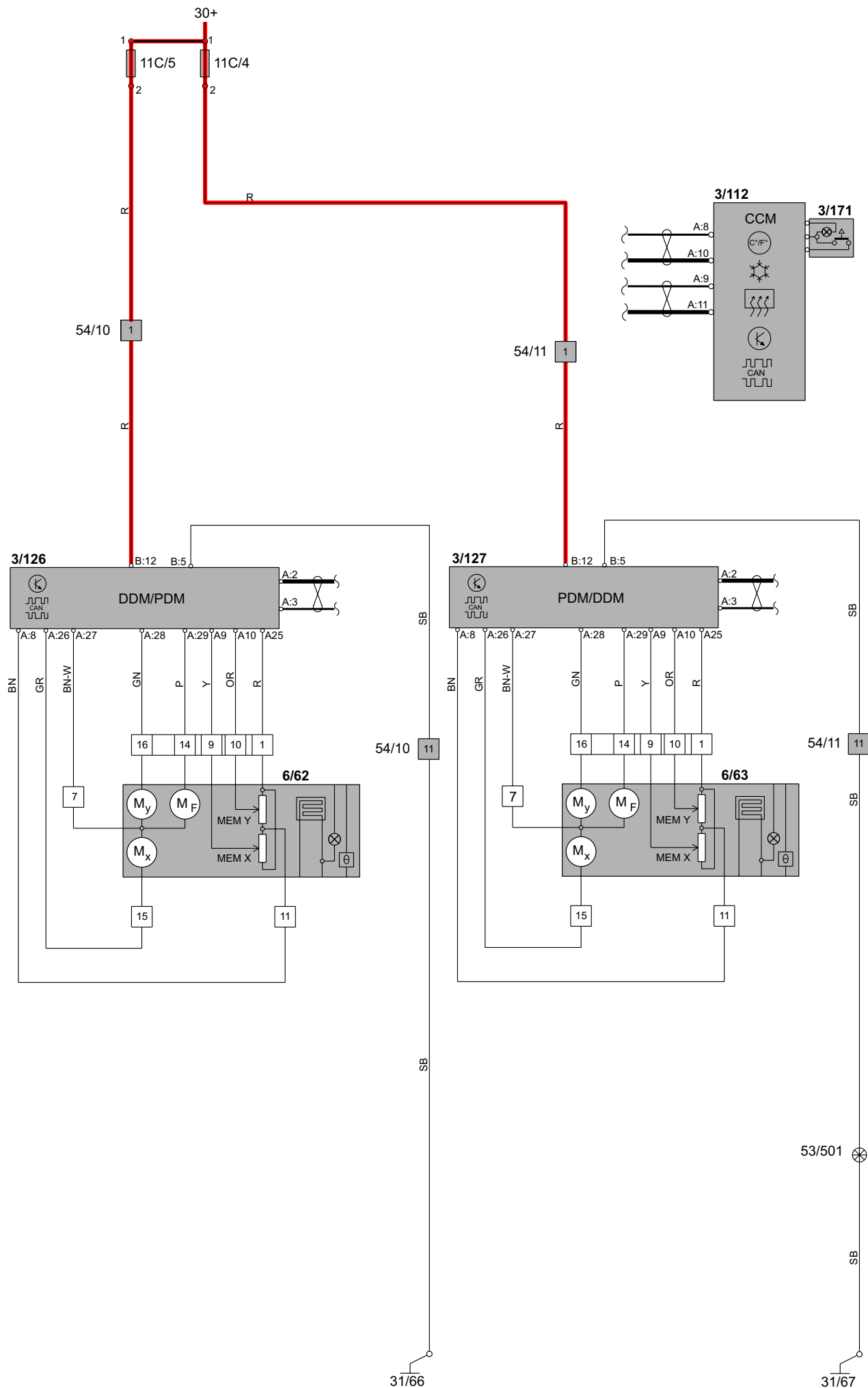


Group 83 Doors and openings

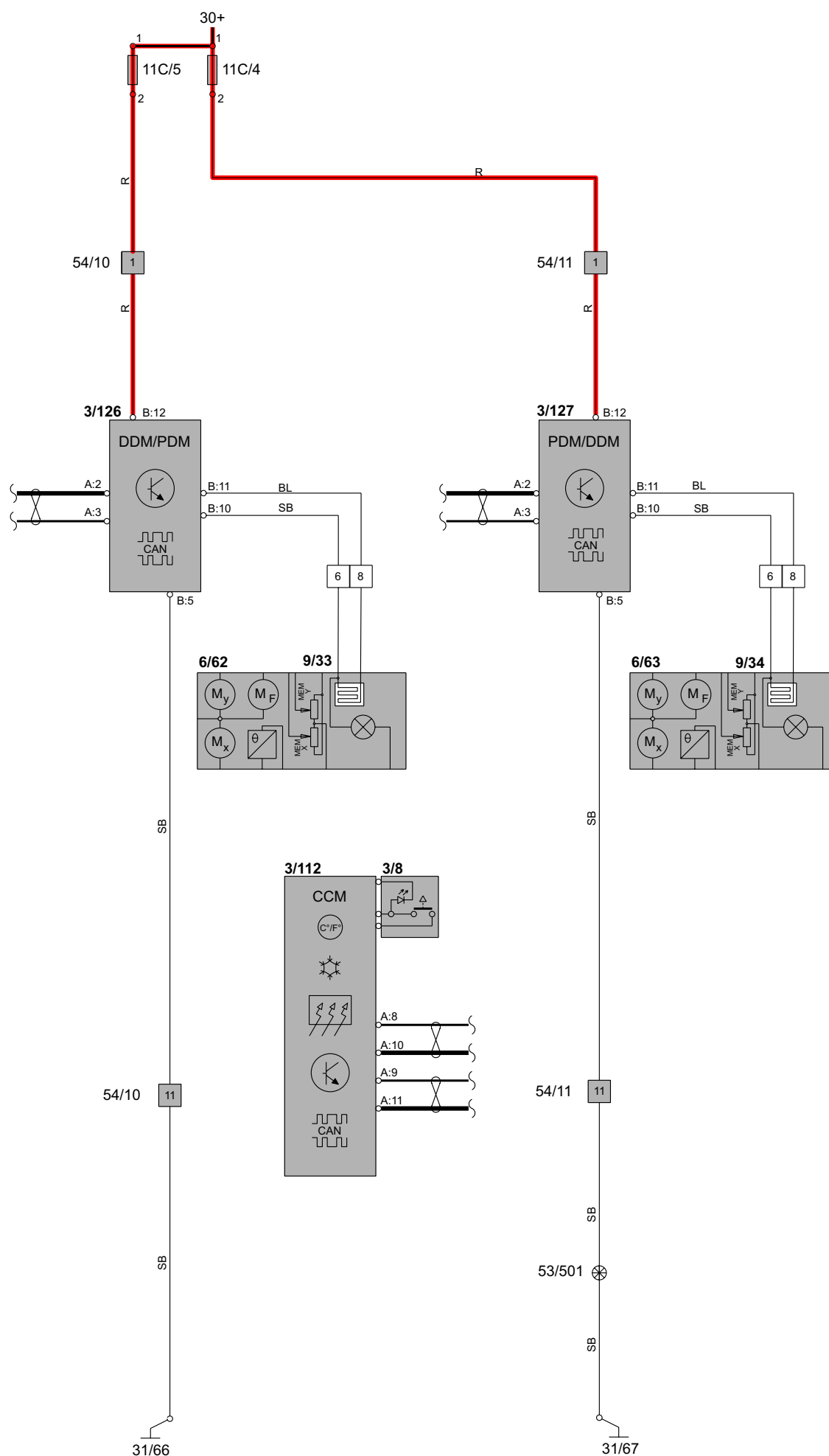
Power sunroof



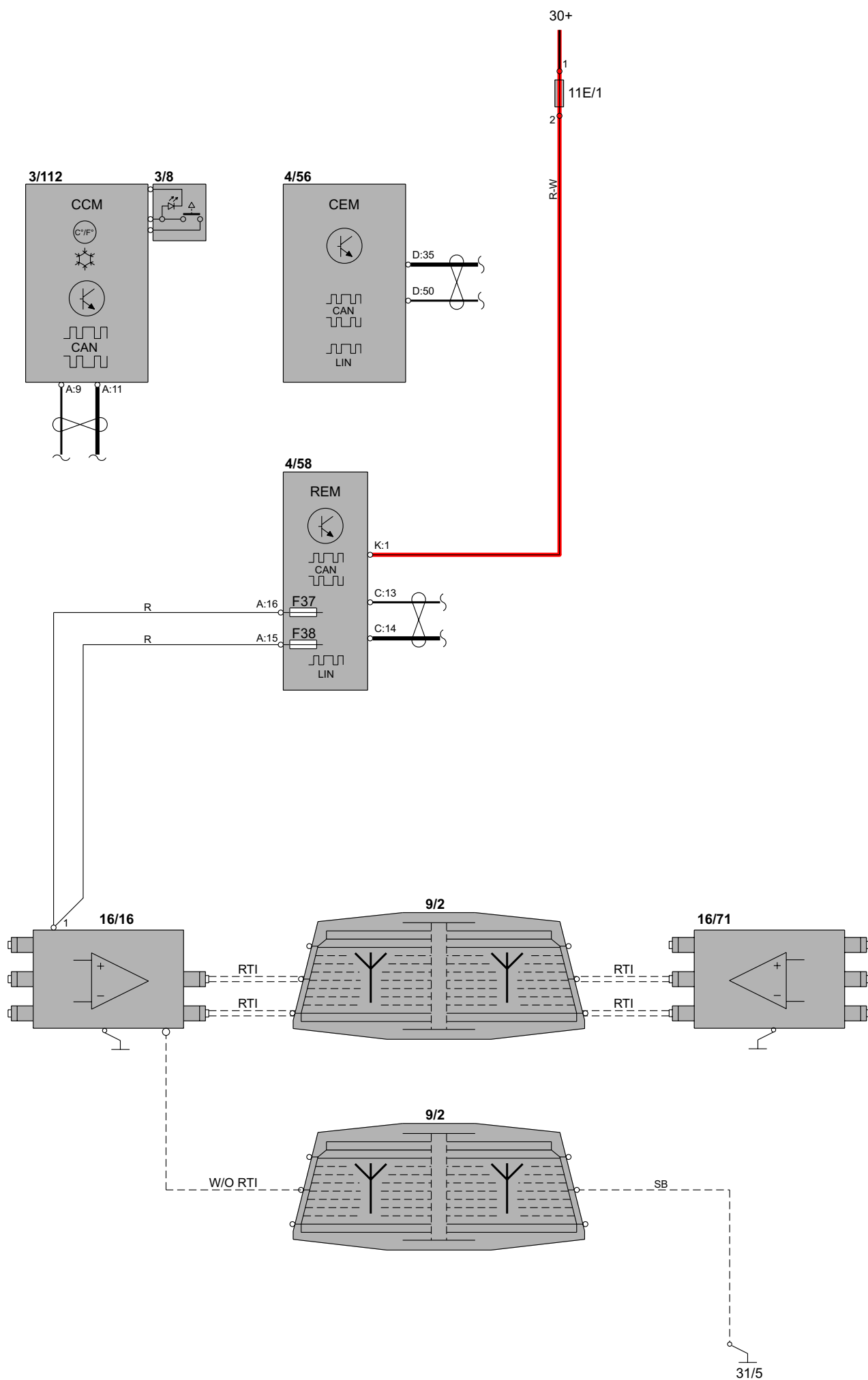
Group 84 Exterior decorative elements etc. Power door mirrors



Group 84 Exterior decorative elements etc. Heated door mirrors

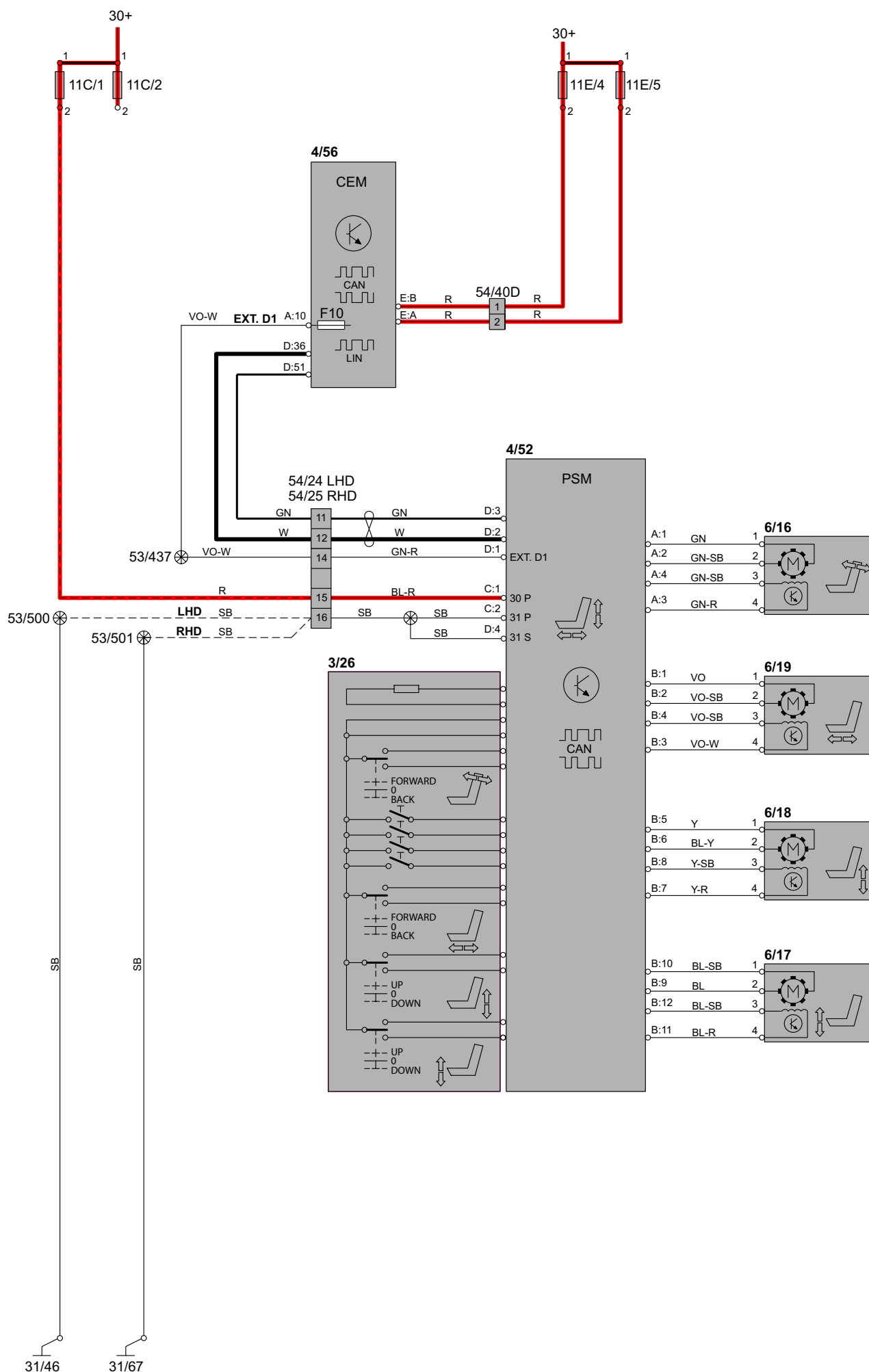


Group 84 Exterior decorative elements etc. Heated rear window



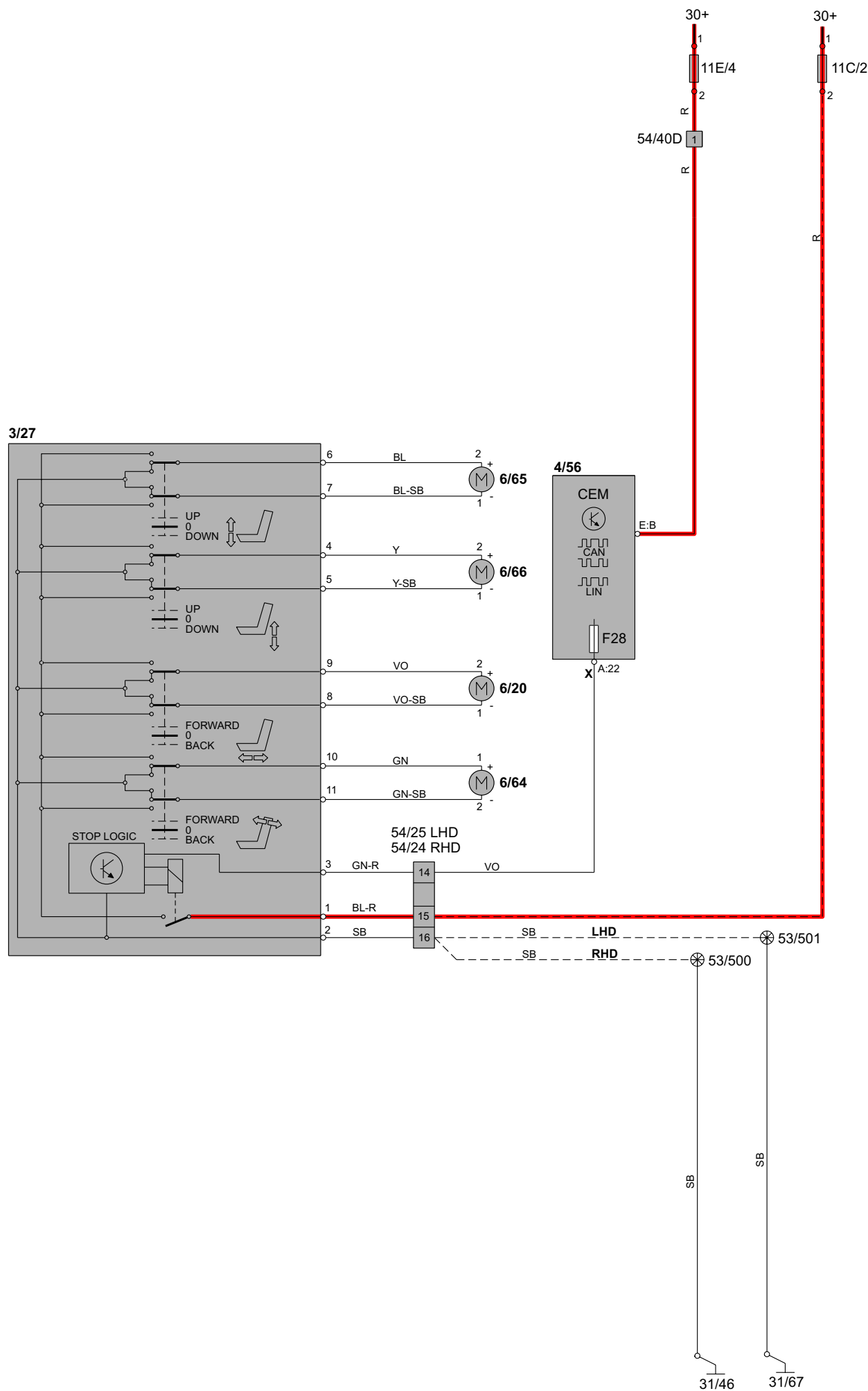
Group 85 Interior equipment

Power driver's seat



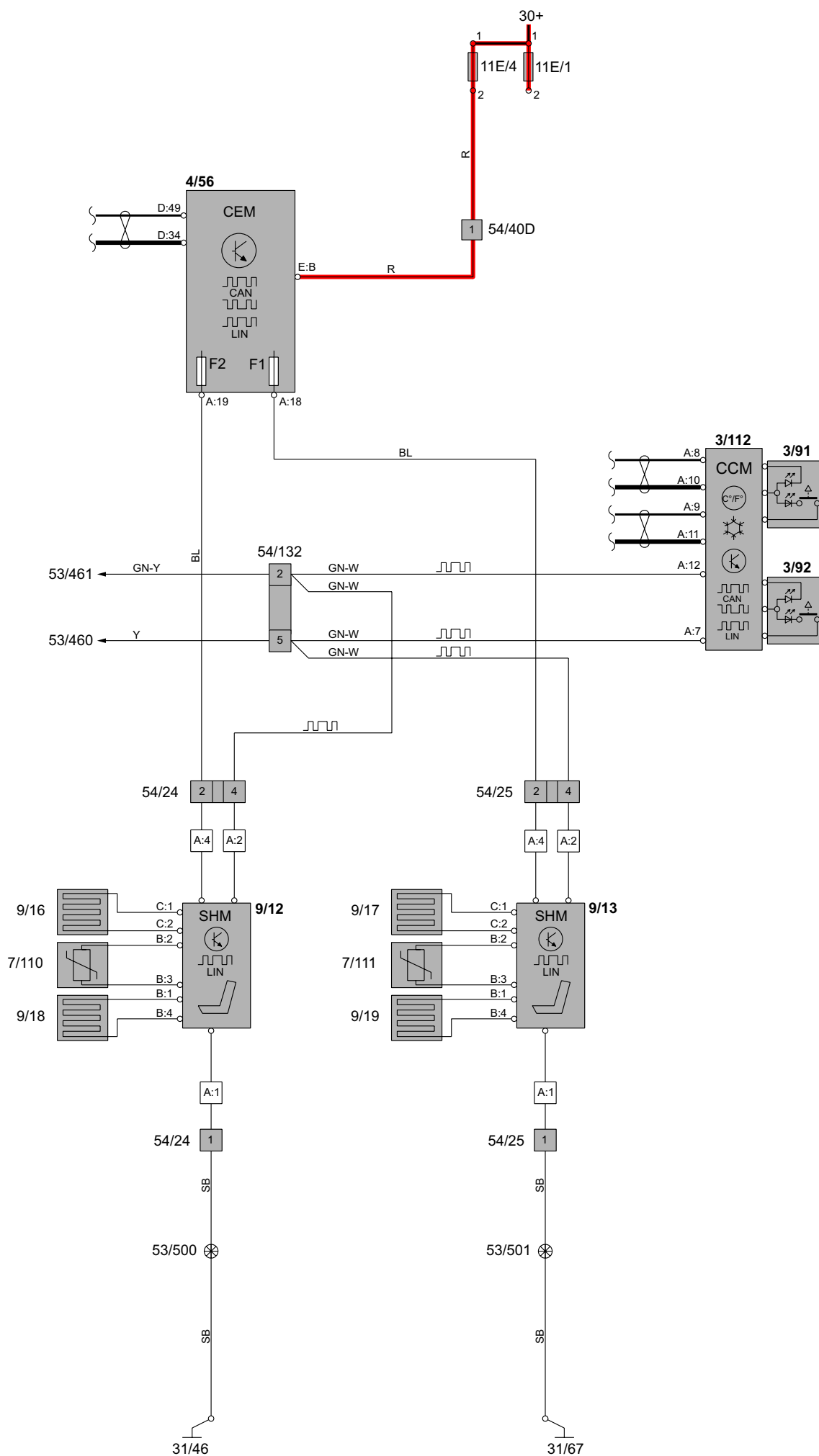
Group 85 Interior equipment

Power passenger seat



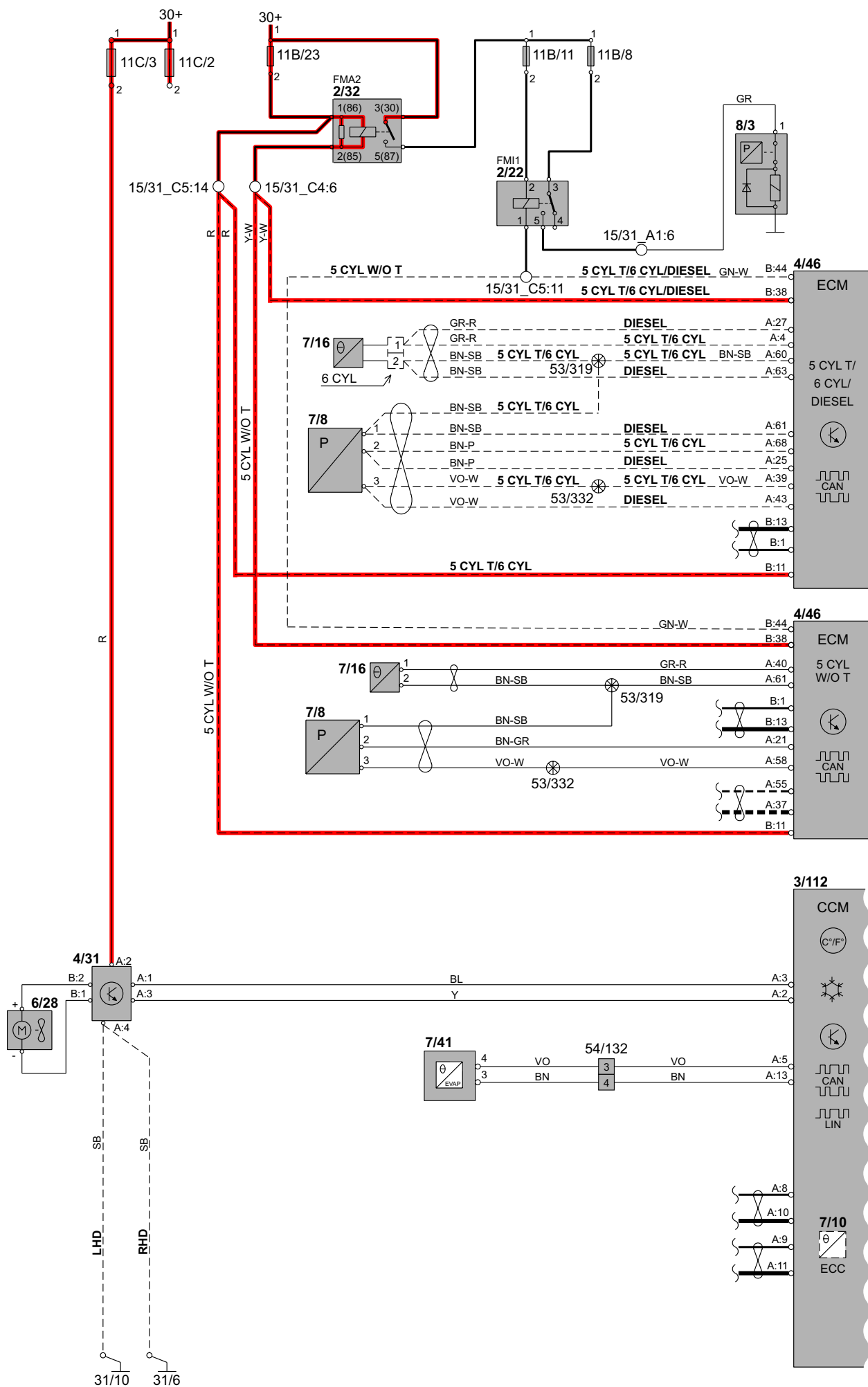
Group 85 Interior equipment

Heated seats



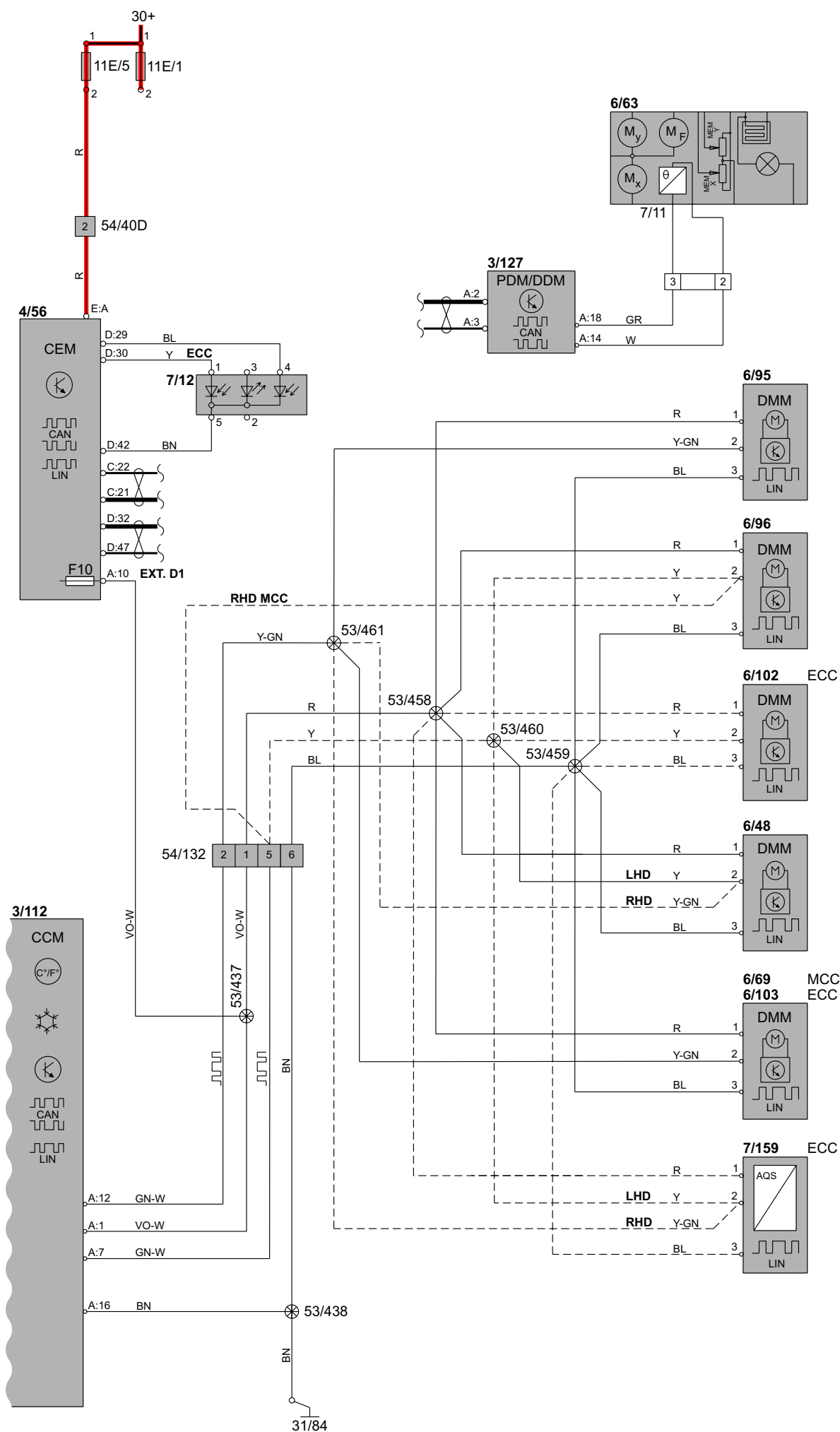
Group 87 Climate controls

Climate control system 1:2



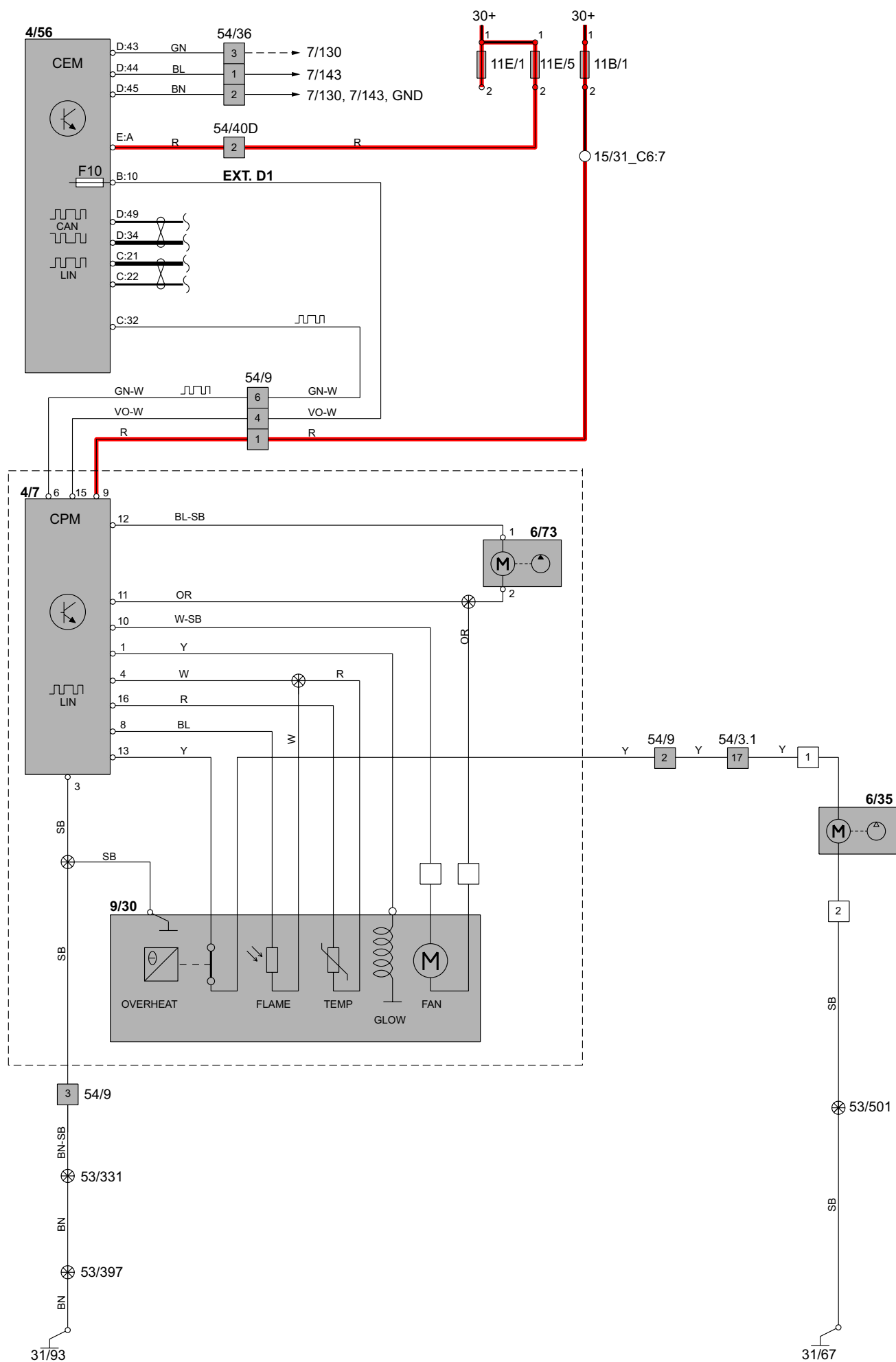
Group 87 Climate controls

Climate controls 2:2

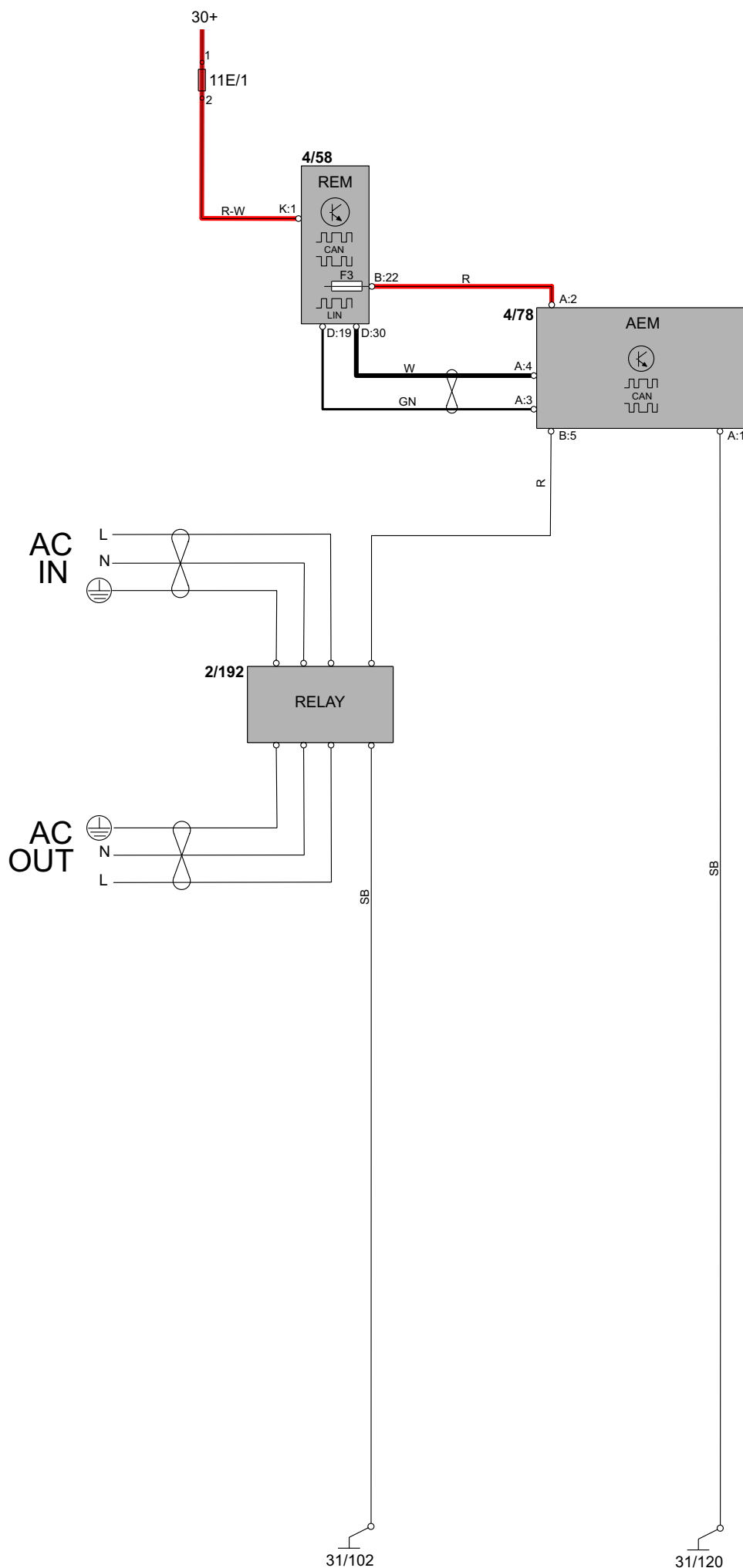


Group 87 Climate controls

Parking heater, auxiliary heater

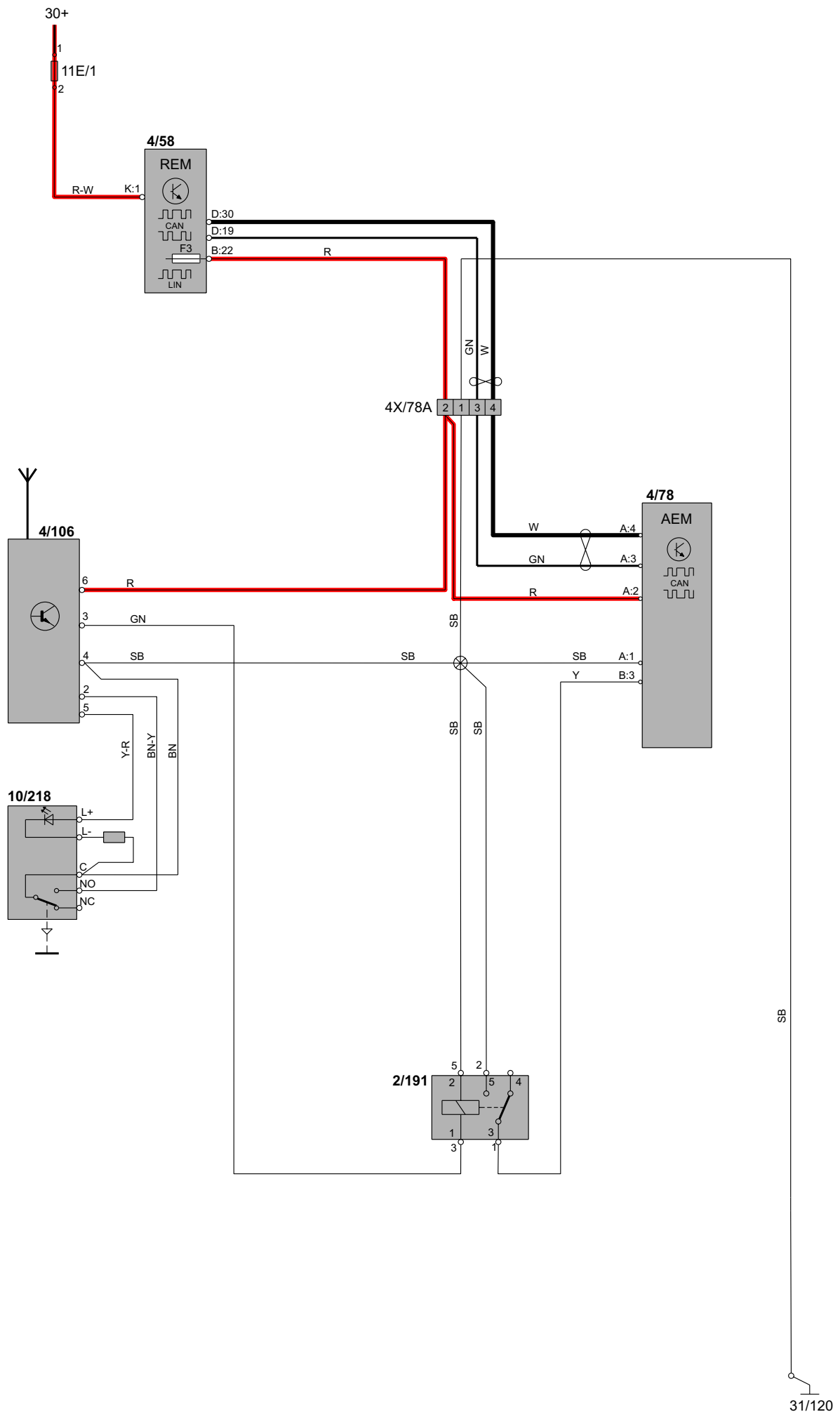


Group 87 Climate controls, Accessories Relay, electric engine heater



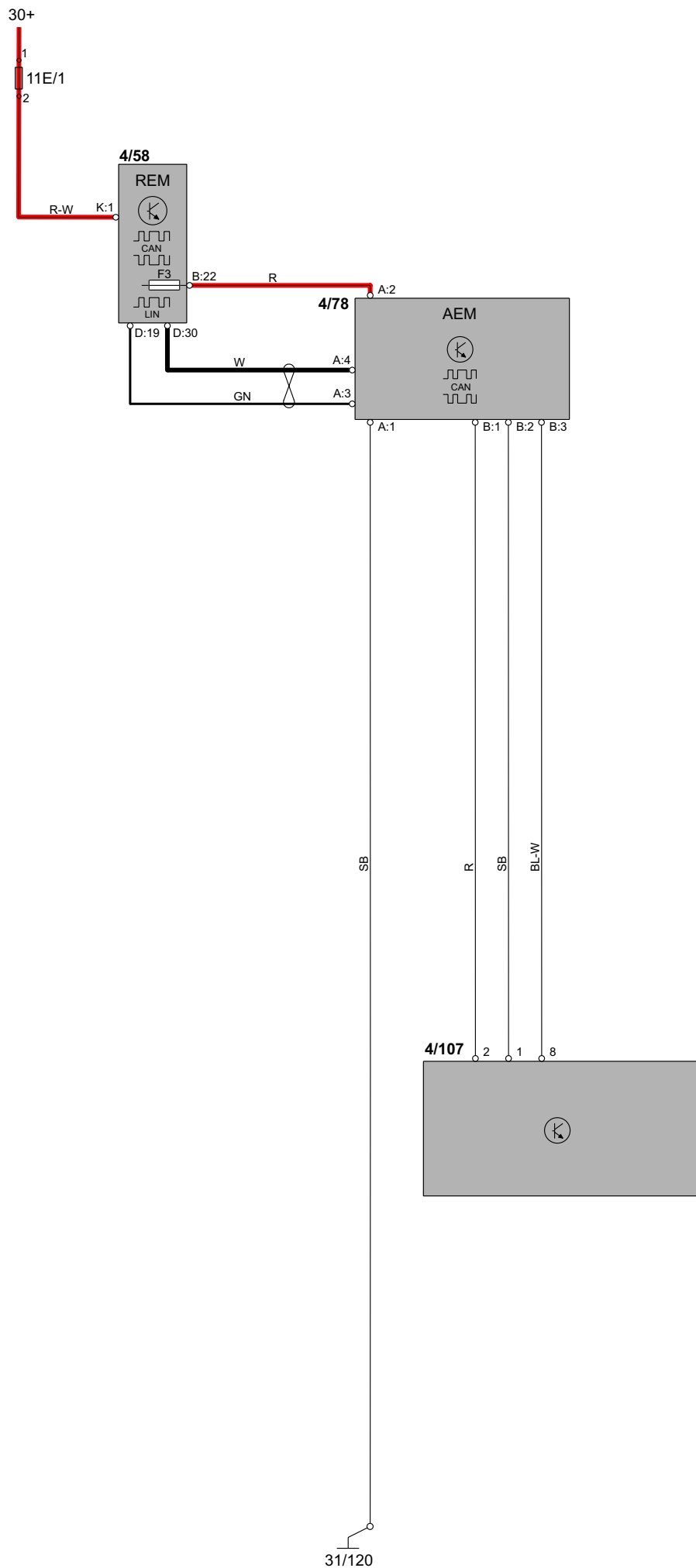
Group 87 Climate controls, Accessories

Parking heater, Call start



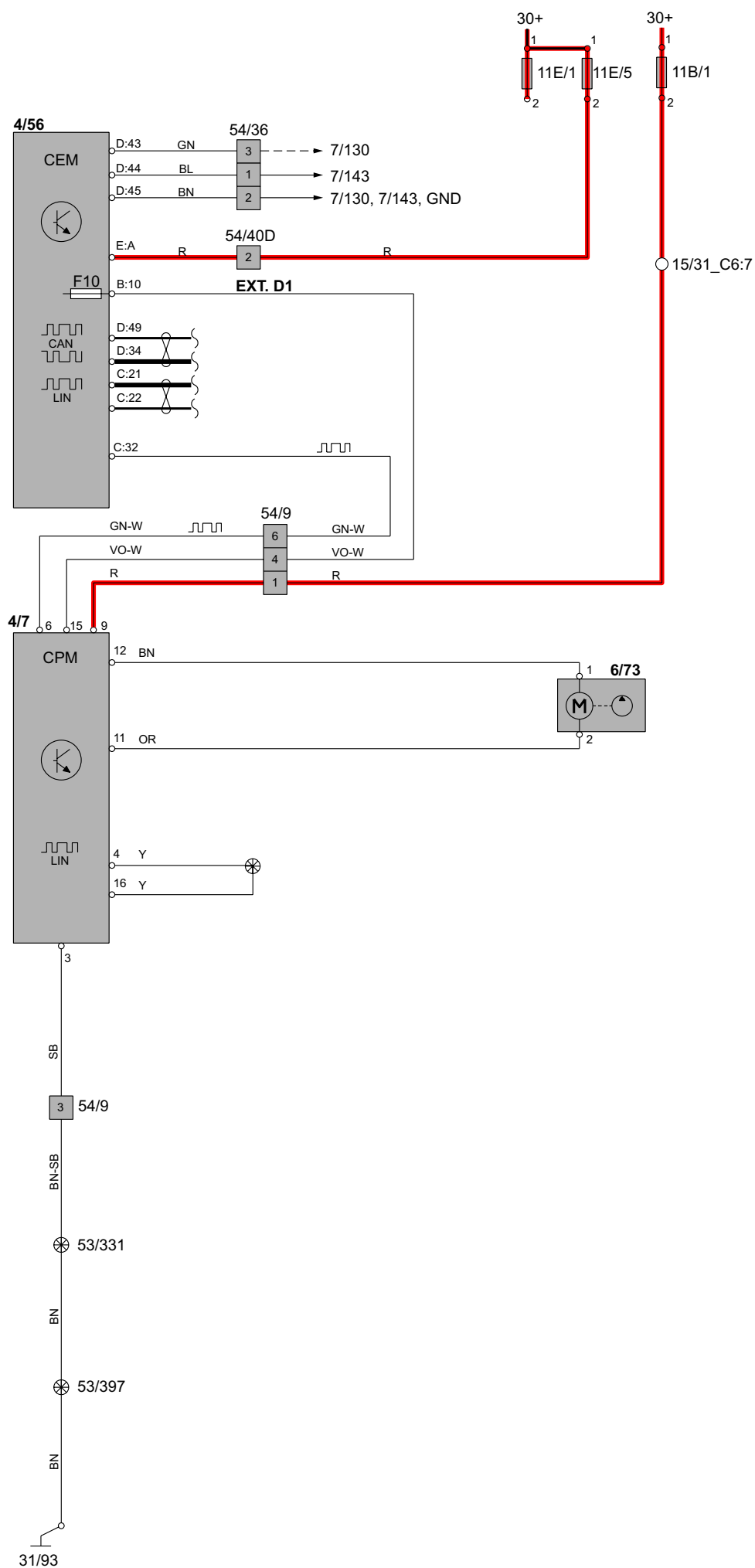
Group 87 Climate controls, Accessories

Parking heater, remote start

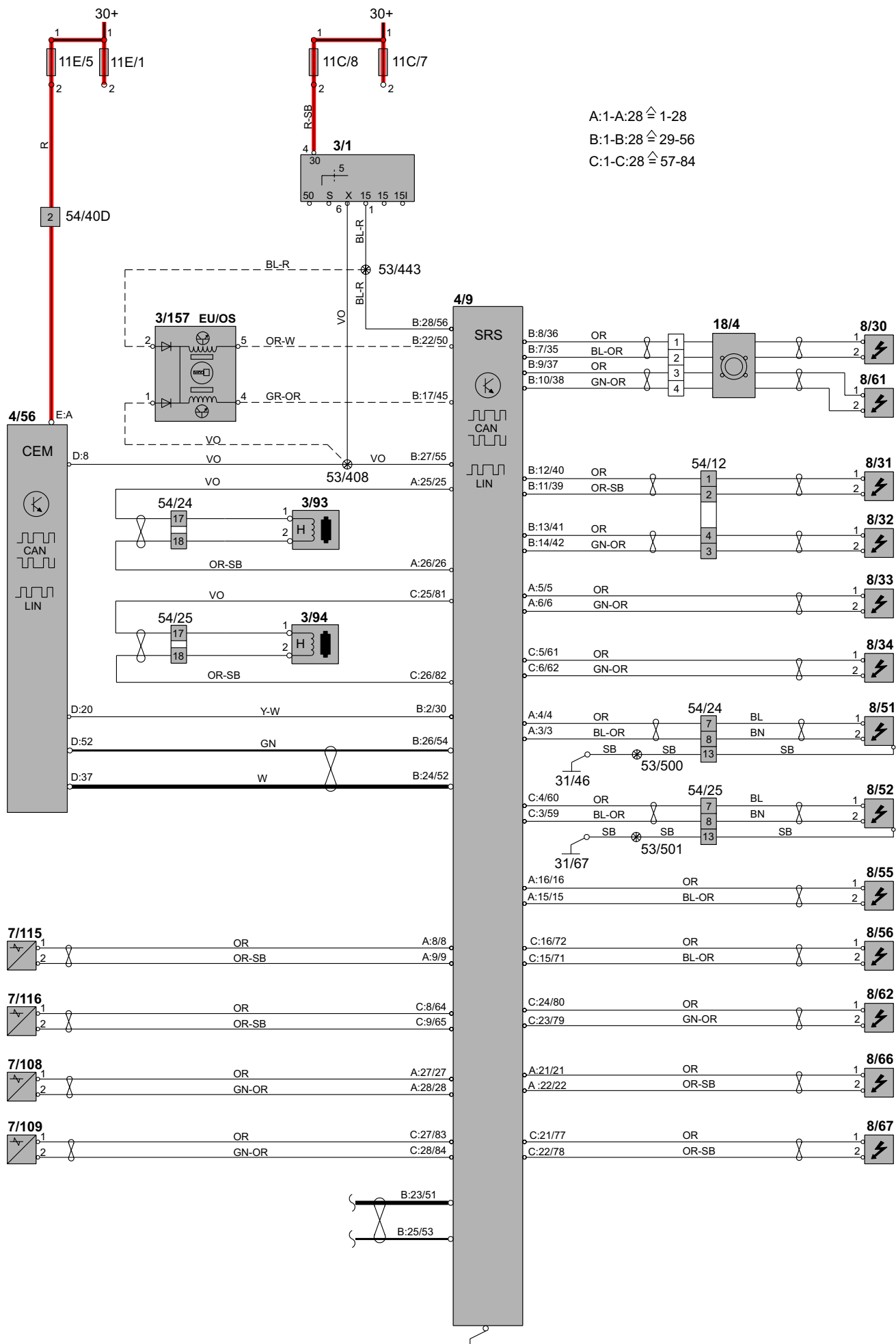


Group 87 Climate controls, Accessories

Short stop heater

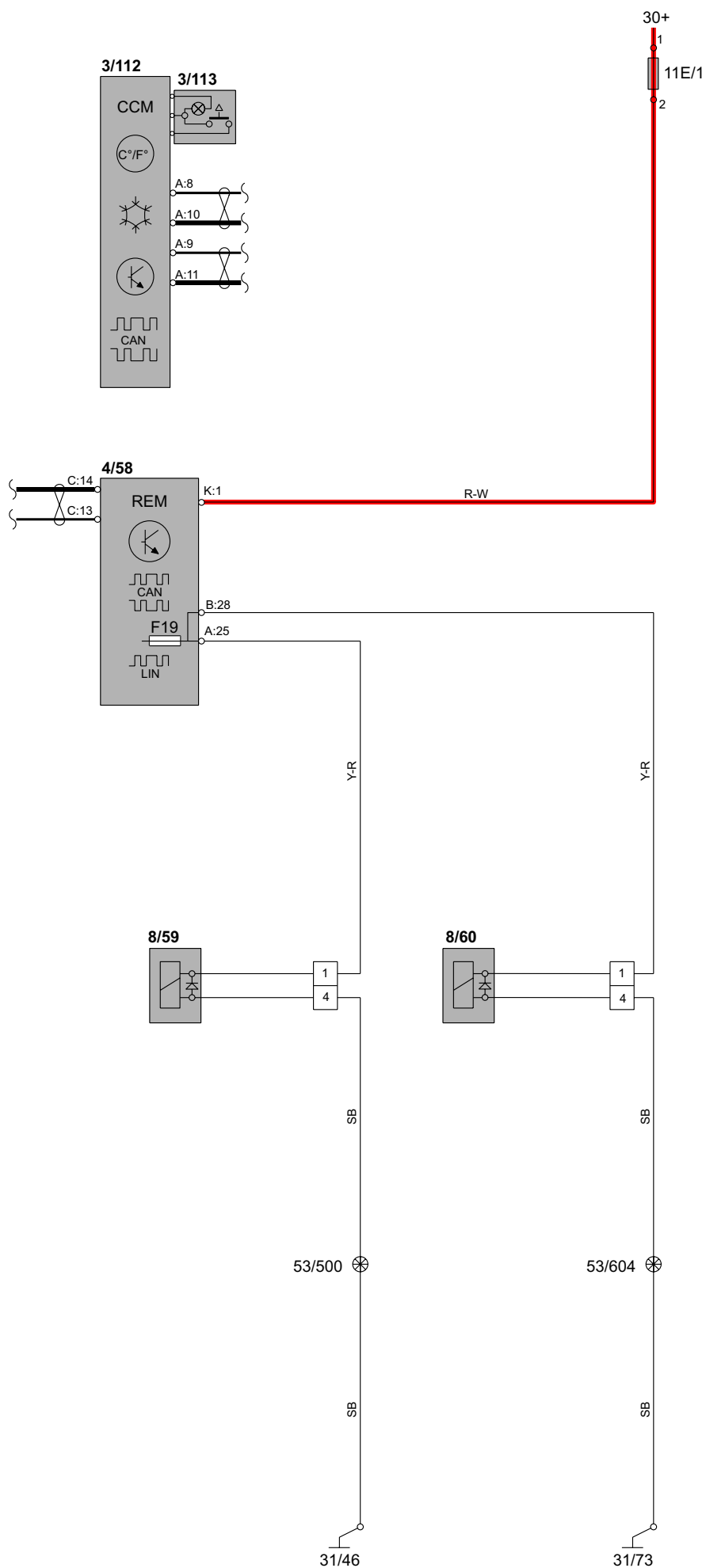


Group 88 Internal equipment Supplemental Restraint System (SRS)



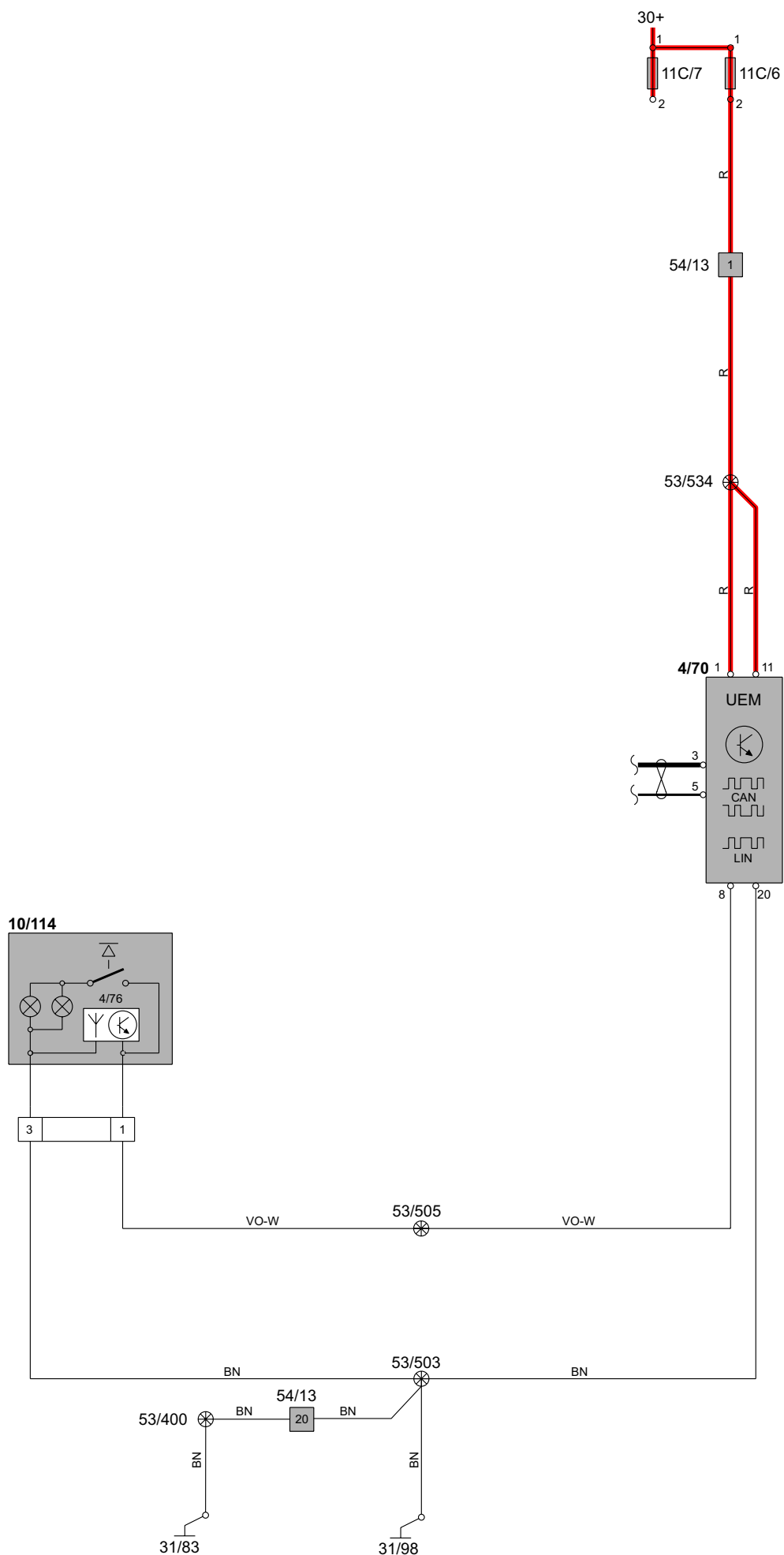
Group 88 Internal equipment

Electrically adjustable head restraint



Group 88 Internal equipment

Remote garage door opener



Connectors

54/1 - 54/3.1:1-24

54/1

1-pin gray

No.	Engine compartment harness		Engine harness Diesel	
1	15/31 C2:2 Engine compartment distribution box Diesel	R	53/374 Junction point	R

54/3.1

36-pin gray

No.	Passenger compartment harness		Engine compartment harness	
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	3/156A:2 GSM control module	GN-W	4/28B:21 TCM control module	GN-SB
6	54/10:6 Connector	BN	53/324 Junction point, Man 4/46B:4 Engine Control Module (ECM), Auto	BN
7	54/1 0:5 Connector	W	4/46B:29 Engine Control Module (ECM), Auto	OR-W
8	54/36:6 Connector	Y	4/46B:47 Engine Control Module (ECM)	Y
9	7/56:1 Left-hand rear ABS sensor	BN	4116:36 Brake control module (BCM)	BN-OR
10	7/56:2 Left-hand rear ABS sensor	Y	4/16:37 Brake control module (BCM)	Y-VO
11	4/56D:32 Central Electronic Module (CEM) 54/74:4 Connector	W	4/16:11 Brake control module (BCM)	W
12	4/56D:47 Central Electronic Module (CEM) 54/74:2 Connector	GN	4/16:15 Brake control module (BCM)	GN
13	-	-	-	-
14	4/58C:4 Rear Electronic Module (REM)	Y	54/4:3 Connector	Y-GR
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 sensor	Y-R
17	6/35:1 Fuel pump, auxiliary heater	Y	54/9:2 Connector	Y
18	5/1:2 Driver Information Module (DIM)	GR	4/46B:46 Engine Control Module (ECM)	GR
19	7/57:1 Right-hand rear ABS sensor	BN	4/16:43 Brake control module (BCM)	BN-W
20	7/57:2 Right-hand rear ABS sensor	Y	4/16:42 Brake control module (BCM)	Y-W
21	7/164: 1 Body Sensor Cluster (BSC)	GN	4/16:25 Brake control module (BCM)	GN
22	7/164:2 Body Sensor Cluster (BSC)	W	4/16:29 Brake control module (BCM)	W
23	7/164:3 Body Sensor Cluster (BSC)	GR	4/16:6 Brake control module (BCM)	P-W
24	7/164:5 Body Sensor Cluster (BSC)	GR-W	4/16:39 Brake control module (BCM)	GR-SB
continues				

Connectors

54/3.1:25-36 - 54/3.2

54/3.1

36-pin white

No.	Passenger compartment harness			Engine compartment harness		
25	-		-	-		-
26	31156A:6 8/134:6	Gear selector module Solenoid, reverse interlock, manual	SB SB	4/28A:54 53/329	Transmission Control Module (TCM) Junction point, Man	BL-SB SB
27	4/84A:9	Suspension Module (SUM)	GR-R	8/21:1	Shock absorber, Four-C, front right	GN-W
28	4/84A:8	Suspension Module (SUM)	BN-W	8/21:2	Shock absorber, Four-C, front right	BN-W
29	4/84A:27	Suspension Module (SUM)	BN	7/119:2	Acceleration sensor, shock absorber, Four-C, front right	Y-BN
30	53/570	Junction point	SB	53/355	Junction point	SB
31	53/569	Junction point	R	53/354	Junction point	R-W
32	4/84A:22	Suspension Module (SUM)	VO	7/88:1	Acceleration sensor, Four-C, front right	VO
33	4/84A:10	Suspension Module (SUM)	YO-W	7/87:1	Acceleration sensor, Four-C, front	VO-W
34	4/84A:12	Suspension Module (SUM)	Y-W	7:118:2	Acceleration sensor, Four-C, front left	Y-W
35	4/84A:6	Suspension Module (SUM)	GN	8/20: 1	Shock absorber, Four-C, front left	GN-SB
36	4/84A:7	Suspension Module (SUM)	BL-R	8/20:2	Shock absorber, Four-C, front left	BL-Y

54/3.2

6-pin gray, LHD

No.	Passenger compartment harness			Engine compartment harness		
1	54/34: 1	Connector	GN-GR	15/31 C5:13	Engine compartment distribu- tion box	GN-GR
2	54/34: 2	Connector	GN-R	4/46B:34	Engine Control Module (ECM)	GN-R
3	54/34: 3	Connector	GN	4/46B:40	Engine Control Module (ECM)	GN
4	54/34: 4	Connector	BL-SB	4/46B:7	Engine Control Module (ECM)	BL-SB
5	-		-	-		-
6	-		-	-		-

Connectors

54/4 - 54/9

54/4

8-pin gray

No.	Engine compartment harness			Front harness		
1	4/56B:15	Central Electronic Module (CEM)	R-SB	16/10:1	Horn 1	R-SB
2	4/56B:15	Central Electronic Module (CEM)	R-SB	16/11:1	Horn 2	R-SB
3	54/3.1:14	Connector	Y-GR	3/62: 1	Hood alarm contact	Y
4	53/331	Junction point	SB	53/382	Junction point	SB
5-8	-		-	-		-

54/7

3-pin gray

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

54/8

2-pin gray

No.	Engine compartment harness			Accessories harness		
1	15/31C6:3	Engine compartment distribution box	R-SB	2/64:2 2/64:4	Auxiliary light relay, accessories, signal ground Auxiliary light relay, accessories, 30-feed	R
2	4/56C:9	Central Electronic Module (CEM)	BN-W	2/64:1	Auxiliary light (accessory) relay	BN-W

54/9

6-pin gray

No.	Engine compartment harness			Heater harness		
1	15/31 C6:7	Engine compartment distribution 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	Junction point	BN-SB	4/7:3 9/30	Combustion Preheater Module (CPM) Auxiliary heater	SB
4	4/56B:10	Central Electronic Module (CEM)	YO-W	4/7:15	Combustion Preheater Module (CPM)	YO-W
5	-		-	-		-
6	4/56C:32	Central Electronic Module (CEM)	GN-W	4/7:6	Combustion Preheater Module (CPM)	GN-W

Connectors

54/10 - 54/11

54/10

12-pin black

No.	Passenger compartment harness			Front left door harness		
1	11C/5:2	Fuse in passenger compartment fuse box	R	3/126B:12	Driver/Passenger Door Module (DDM)/(PDM)	R
2	-		-	-		-
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	Power door mirror, left	W
6	54/3.1:6	Connector	BN	6/62:3	Power door mirror, left	BN
7	-		-	-		-
8	4/58C:12	Rear Electronic Module (REM)	P	3/74:3	Left-hand front door lock unit	P
9	16/1B:1 54/14:1	Audio Module (AUM) Connector	GR-R	16/4:1	Left-hand front door speaker	GR-R
10	16/1B:2 54/14:2	Audio Module (AUM) Connector	GR	16/4:2	Left-hand front door speaker	GR
11	31/66	Ground connection	SB	3/126B:5	Driver/Passenger Door Module (DDM)/(PDM)	SB
12	-		-	-		-

54/11

12-pin black

No.	Passenger compartment harness			Front right door harness		
1	11C/4:2	Fuse in passenger compartment fuse box	R	3/127B: 12	Passenger/Driver Door Module (PDM)/(DDM)	R
2	-		-	-		-
3	53/433	Junction point	W	3/127A:2	Passenger/Driver Door Module (PDM)/(DDM)	W
4	53/434	Junction point	GN	3/127A:3	Passenger/Driver Door Module (PDM)/(DDM)	GN
5	-		-	-		-
6	-		-	-		-
7	-		-	-		-
8	54/43:4	Connector	P	3/75:3	Right-hand front door lock unit	P
9	16/1B:5 54/14:5	Audio Module (AUM) Connector	GR-R	16/3:1	Right-hand front door speaker	GR-R
10	16/1B:6 54/14:6	Audio Module (AUM) Connector	GR	16/3:2	Right-hand front door speaker	GR
11	53/501	Junction point	SB	3/127B:5	Passenger/Driver Door Module (PDM)/(DDM)	SB
12	-		-	-		-

Connectors

54/12 - 54/13

54/12

4-pin orange

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

54/13

22-pin black

No.	Passenger compartment harness			Roof harness		
1	11C/6:2	Fuse in passenger compartment fuse box	R	53/534	Junction point	R
2-4	-		-	-		-
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
7-10	-		-	-		-
11	4/58A:6	Rear Electronic Module (REM)	Y-R	10/19:1	Auxiliary brake light	Y-R
12-13	-		-	-		-
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	Sunroof Control Module (SRM) Upper Electronic Module (UEM)	P
16-19	-		-	-		-
20	53/400	Junction point	BN	53/503	Junction point	BN
21	11C/7:2	Fuse in passenger compartment fuse box	R	4/33A:1	Sunroof Control Module (SRM)	R
22	53/405	Junction point	SB	4/33A:10	Sunroof Control Module (SRM)	SB

Connectors

54/14 - 54/16

54/14

12-pin gray

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	Junction point	GR-W	16/2B:7	Amplifier	GR-W
8	53/524	Junction point	GR	16/2B:8	Amplifier	GR
9-10			-	-		-
11	53/525	Junction point	GR-W	16/2B:11	Amplifier	GR-W
12	53/526	Junction point	GR	16/2B:12	Amplifier	GR

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	Junction point	BN	7/149:2	Rain Sensor Module (RSM)	BN
3	53/505	Junction point	VO-W	7/149:3	Rain Sensor Module (RSM)	VO-W
4	54/13:14	Junction point	W	7/149:4	Rain Sensor Module (RSM)	W

Connectors

54/20

54/20

12-pin black

No.	Passenger compartment harness			Rear left door harness		
1	53/523	Junction point	GR-W	16/6:1	Left-hand rear door speaker	GR-W
2	53/524	Junction point	GR	16/6:2	Left-hand rear door speaker	GR
3	4/58C:3	Rear Electronic Module (REM)	P	3/76:2	Left-hand rear door lock unit	P
4	4/58C:5	Rear Electronic Module (REM)	BL	3/76:5	Left-hand rear door lock unit	BL
5	4/58A:19	Rear Electronic Module (REM)	Y	3/85:1	Rear left door power window switch	Y
6	4/58A:2	Rear Electronic Module (REM)	BL	3/85:3	Rear left door power window switch	BL
7	4/56D:3	Central Electronic Module (CEM)	W	10/122:2	Left rear courtesy lighting, S80	W
8	4/58A:1	Rear Electronic Module (REM)	GN-BN	3/85:5	Rear left door power window switch	GN-BN
9	4/58A:27	Rear Electronic Module (REM)	VO	3/76:8	Left-hand rear door lock unit	VO
10	4/58A:24	Rear Electronic Module (REM)	GR	3/76:6	Left-hand rear door lock unit	GR
11	4/58A:23	Rear Electronic Module (REM)	Y	3/76:4	Left-hand rear door lock unit	Y
12	53/500	Junction point	SB	3/76:1 3/85:2	Left-hand rear door lock unit Rear left door power window switch	SB

Connectors

54/21

54/21

12-pin black

No.	Passenger compartment harness			Rear right door harness		
1	53/525	Junction point	GR-W	16/5:1	Right-hand rear door speaker	GR-W
2	53/526	Junction point	GR	16/5:2.1	Right-hand rear door speaker	GR
3	54/43:5	Connector	P	3/77:2	Right-hand rear door lock unit	P
4	54/43:11	Connector	BL	3/77:5	Right-hand rear door lock unit	BL
5	54/43:7	Connector	Y	3/86:1	Rear right door power window switch	Y
6	54/43:1	Connector	BL	3/86:3	Rear right door power window switch	BL
7	4/56D:4	Central Electronic Module (CEM)	W	10/123:2	Right rear courtesy lighting, S80	W
8	54/43:8	Connector	GN-BN	3/86:5	Rear right door power window switch	GN-BN
9	54/43:6	Connector	VO	3/77:8	Right-hand rear door lock unit	VO
10	54/43:3	Connector	GR	3/77:6	Right-hand rear door lock unit	GR
11	54/43:2	Connector	Y	3/77:4	Right-hand rear door lock unit	Y
12	53/500	Junction point	SB	3/86:2	Rear right door power window switch	SB
				53/532	Junction point	SB

Connectors

54/22

54/22

12-pin black

No.	Engine compartment harness		Harness, front left lamp housing		
1	53/398	Junction point	VO	6/38:3 Left-hand headlight level adjustment motor 10/1A:3 Front left lamp housing, Bi-Xenon S80 10/1A:7 Front left lamp housing S60	-
2	4/56C:19	Central Electronic Module (CEM)	W	10/71: 1 Side marker light, front left 10/11:1 Front left position/parking light S80 10/1A:2 Front left lamp housing S80 10/1A:3 Front left lamp housing S60	-
3	4/56B:7	Central Electronic Module (CEM)	BL-W	10/1A:2 Front left lamp housing S60 10/1A:2 Front left lamp housing, Bi-Xenon S80 10/1A:3 Front left lamp housing S80	
4	4/56B:8	Central Electronic Module (CEM)	BL-GN	10/1A:6 Left-hand front lamp housing	
5	4/56C:1	Central Electronic Module (CEM)	GR-W	10/1A:5 Left-hand front lamp housing	
6	4/56C:12	Central Electronic Module (CEM)	GN-R	6/38:2 Left-hand headlight level adjustment motor	-
7	4/56B:27	Central Electronic Module (CEM)	BL	10/1A:1 Front left lamp housing S60 10/1A:1 Front left lamp housing, Bi-Xenon S80 10/1A:4 Front left lamp housing S80	-
8	-		-	-	-
9	4/56B:3	Central Electronic Module (CEM)	GN	10/11:2 Front left position/parking light S80 10/13:1 Front left direction indicator	-
10	53/301	Junction point	SB	10/1A:1 Front left lamp housing S80 10/1A:4 Front left lamp housing S60 10/1A:4 Front left lamp housing, Bi-Xenon S80 10/71:2 Side marker light, front left 6/38: 1 Left-hand headlight level adjustment motor 10/13:2 Front left direction indicator 10/11:3 Front left position/parking light S80 10/11:2 Front left position/parking light, Bi-Xenon, S80	-
11	-		-	-	-
12	-		-	-	-

Connectors

54/23

54/23

12-pin black

No.	Engine compartment harness			Harness, front right lamp housing		
1	53/398	Junction point	VO	6/39:3 10/2A:3 10/2A:7	Right-hand headlight adjustment motor Front right lamp housing, Bi-Xenon, S80 Front right lamp housing S60	
2	4/56C:20	Central Electronic Module (CEM)	GR	10/73:1 10/12:1 10/2A:3 10/2A:2	Side marker light, front right Front right position/parking light S80 Front right lamp housing S60 Front right lamp housing S80	-
3	4/56B:4	Central Electronic Module (CEM)	BL-Y	10/2A:2 10/2A:2 10/2A:3	Front right lamp housing S60 Front right lamp housing, Bi-Xenon, S80 Front right lamp housing S80	-
4	4/56B:9	Central Electronic Module (CEM)	BL-P	10/2A:6	Right front lamp housing, Bi-Xenon	-
5	4/56C:2	Central Electronic Module (CEM)	GN	10/2A:5	Right front lamp housing, Bi-Xenon	-
6	4/56C:11	Central Electronic Module (CEM)	GN-BN	6/39:2	Right-hand headlight adjustment motor	-
7	4/56B:28	Central Electronic Module (CEM)	W	10/2A: 1 10/2A: 1 10/2A:4	Front right lamp housing S60 Right front lamp housing, Bi-Xenon Front right lamp housing S80	-
8	-		-	-		-
9	4/56B:32	Central Electronic Module (CEM)	GN-W	10/12:2 10/14:1	Front right position/parking light S80 Front right direction indicator	-
10	53/303	Junction point	SB	10/12:3 10/14:2 10/12:2 10/73:2 6/39: 1 10/2A:1 10/2A:4 10/2A:4	Front right position/parking light S80 Front right direction indicator Front right position/parking light, Bi-Xenon, S80 Side marker light, front right Right-hand headlight adjustment motor Front right lamp housing S80 Front right lamp housing S60 Front right lamp housing, Bi-Xenon, S80	-
11	-		-	-		-
12	-		-	-		-

Connectors

54/24

54/24

20-pin black

No.	Passenger compartment harness			Harness, front left seat		
1	53/500	Junction point	SB	9/12A:1	Seat Heater Module (SHM), driver's side	-
2	4/56A:19	Central Electronic Module (CEM)	BL	9/12A:4	Seat Heater Module (SHM), driver's side	-
3	-		-	-		-
4	54/132:2	Connector	GN-W	9/12A:2	Seat Heater Module (SHM), driver's side	-
5-6	-		-	-		-
7	4/9A:4/4	Control module, Supplemental Restraint System (SRS)	OR	8/51: 1	Front left side airbag igniter	BL
8	4/9A:3/3	Control module, Supplemental Restraint System (SRS)	BL-OR	8/51:2	Front left side airbag igniter	BN
9	16/60:5	Phone Module (PHM)	GR-R	16/78:1	Speaker, mobile telephone	GR
10	16/60:4	Phone Module (PHM)	GR	16/78:2	Speaker, mobile telephone	W
11	4/56D:51	Central Electronic Module (CEM)	GN	4/52D:3	Power Seat Module (PSM)	GN
12	4/56D:36	Central Electronic Module (CEM)	W	4/52D:2	Power Seat Module (PSM)	W
13	53/500	Junction point, RHD	SB	8/51	Front left side airbag igniter	SB
14	4/56A:22	Fuse in CEM, passenger compartment	VO	3/27:3	Switch unit, power passenger seat	GN-R
	53/437	Junction point, LHD	VO-W	4/52D:1	Power Seat Module (PSM)	
15	11C/2:2 11C/1:2	Fuse in fuse box RHD Fuse in fuse box LHD	R	3/27:1 4/52C: 1	Switch unit, power passenger seat Power Seat Module (PSM)	BL-R
16	53/500 53/501	Junction point, RHD Junction point, LHD	SB	3/27:2 4/52C:2 4/52D:4	Switch unit, power passenger seat Power Seat Module (PSM) Power Seat Module (PSM)	SB
17	4/9A:25/25	Control module, Supplemental Restraint System (SRS)	VO	3/93: 1	Switch, left-hand seat belt buckle	-
18	4/9A:26/26	Control module, Supplemental Restraint System (SRS)	OR-SB	3/93:2	Switch, right-hand seat belt buckle	-
19-20	-		-	-		-

Connectors

54/25

54/25

20-pin black

No.	Passenger compartment harness			Front right seat harness		
1	53/501	Junction point	SB	9/13A:1	Seat Heater Module (SHM), passenger side	-
2	4/56A:18	Central Electronic Module (CEM)	BL	9/13A:4	Seat Heater Module (SHM), passenger side	-
3	-		-	-		-
4	54/132:5	Connector	GN-W	9/13A:2	Seat Heater Module (SHM), passenger side	-
5-6	-		-	-		-
7	4/9C:4/60	Control module, Supplemental Restraint System (SRS)	OR	8/52: 1	Side airbag igniter, front	BL
8	4/9C:3/59	Control module, Supplemental Restraint System (SRS)	BL-OR	8/52:2	Front right side airbag igniter	BN
9	16/60:5	Phone Module (PHM)	GR-R	16/78: 1	Speaker, mobile telephone	GR
10	16/60:4	Phone Module (PHM)	GR	16/78:2	Speaker, mobile telephone	GR
11	4/56D:51	Central Electronic Module (CEM)	GN	4/52D:3	Power Seat Module (PSM)	GN
12	4/56D:36	Central Electronic Module (CEM)	W	4/52D:2	Power Seat Module (PSM)	W
13	53/501	Junction point, LHD	SB	8/52	Front right side airbag igniter	SB
14	4/56A:22	Central Electronic Module (CEM), LHD	VO	3/27:3	Switch unit, power passenger seat	GN-R
	53/437	Junction point, RHD	VO-W	4/52D:1	Power Seat Module (PSM)	
15	11C/2:2	Fuse in fuse box LHD	R	3/27:1	Switch unit, power passenger seat	BL-R
	11C/1:2	Fuse in fuse box RHD		4/52C:1	Power Seat Module (PSM)	
16	53/500	Junction point, LHD	SB SB	3/27:2	Switch unit, power passenger seat	SB SB SB
	53/501	Junction point, RHD		4/52C:2 4/52D:4	Power Seat Module (PSM) Power Seat Module (PSM)	
17	4/9C:25/81	Control module, Supplemental Restraint System (SRS)	VO	3/94: 1	Switch, right-hand seat belt buckle	-
18	4/9C:26/82	Control module, Supplemental Restraint System (SRS)	OR-SB	3/94:2	Switch, right-hand seat belt buckle	-
19-20	-		-	-		-

Connectors

54/32 - 54/36

54/32

3-pin light gray

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

54/34

4-pin light gray

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

54/35

4-pin gray

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

54/36

6-pin gray

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

Connectors

54/40C - 54/43

54/40C

2-pin black

No.	Cargo compartment harness			Passenger compartment harness		
1	11E/6	Fuse in cargo compartment at battery	R	53/415	Junction point	R
2	11E/7	Fuse in cargo compartment at battery	R	53/403	Junction point	R

54/40D

2-pin black

No.	Cargo compartment harness			Passenger compartment harness		
1	11E/4	Fuse in cargo compartment at battery	R	4/56E:B	Central Electronic Module (CEM)	R
2	11E/5	Fuse in cargo compartment at battery	R	4/56E:A	Central Electronic Module (CEM)	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
9-10	-		-	-		-
11	54/21:4	Connector	BL	4/58D:28	Rear Electronic Module (REM)	BL
12--14	-		-	-		-

Connectors

54/53 - 54/56

54/53

4-pin gray

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

54/54

8-pin gray

No.	Cargo compartment harness			Fuel tank harness CNG/LPG		
1	4/58D:14	Rear Electronic Module (REM)	GR-R	7/156:1	Pressure and temperature sensor	GR-R
2	4/58D:15	Rear Electronic Module (REM)	VO	7/156:2	Pressure and temperature sensor	VO
3	4/58D:27	Rear Electronic Module (REM)	Y	7/156:3	Pressure and temperature sensor	Y
4	4/58D:8	Rear Electronic Module (REM)	Y-GR	7/156:4	Pressure and temperature sensor	Y-GR
5	4/58D:36	Rear Electronic Module (REM)	GN-Y	7/153:1	Sensor, fuel level LPG	GN-Y
6	4/58D:3	Rear Electronic Module (REM)	BN	7/153:2	Sensor, fuel level LPG	BN
7	54/106:1	Connector	Y-R	8/88:1 8/76:2	Solenoid, gas tank CNG rear Gas tank valve, LPG	Y-R
8	53/604	Junction point	SB	8/88:2 8/76:1	Solenoid, gas tank CNG rear Gas tank valve, LPG	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

54/74 - 54/106

54/74

4-pin yellow

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

54/74B

2-pin orange

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

54/106

4-pin gray

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

Connectors

54/107 - 54/132

54/107

10-pin gray

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	Angle sensor, Four-C/Bi-Xenon	GR
4	4/84A:14	Suspension Module (SUM)	Y	7/121:4	Rear right angle sensor, Four-C/Bi-Xenon	Y
5	53/569	Junction point	R	7/121:5	Rear right angle sensor, Four-C/Bi-Xenon	P
6	4/84A:25	Suspension Module (SUM)	R-W	7/120:5	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	-		-	-		-

54/132

6-pin gray

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

Connectors

54/1300 - 54/1400

54/1300

6-pin gray

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

54/1400

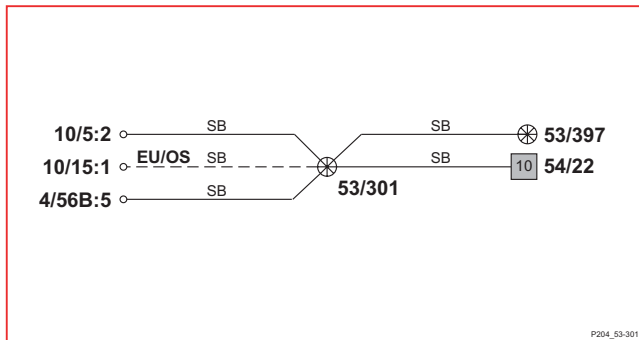
6-pin gray

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

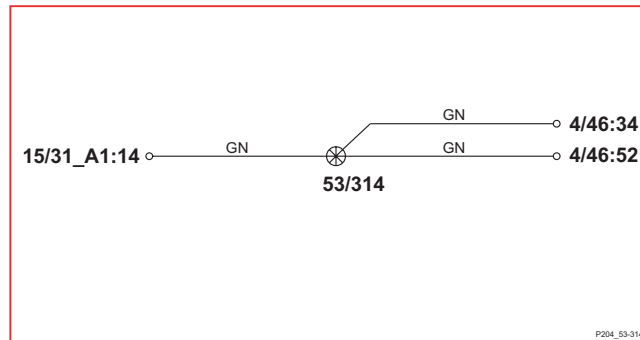
Junction points

53/301 - 53/324

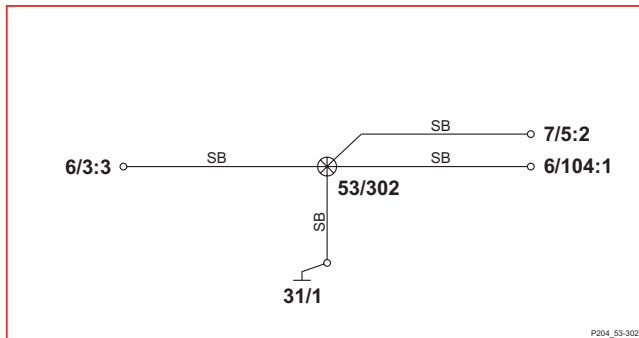
53/301



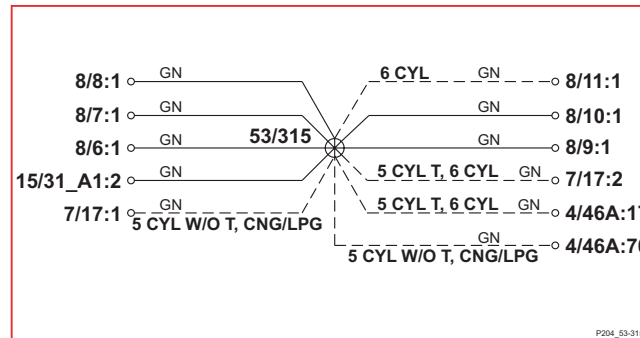
53/314 5-cyl normally aspirated



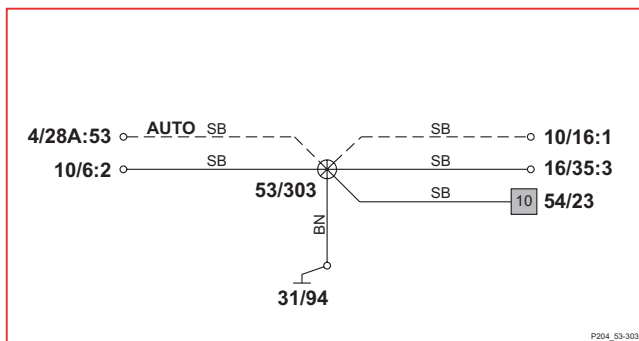
53/302



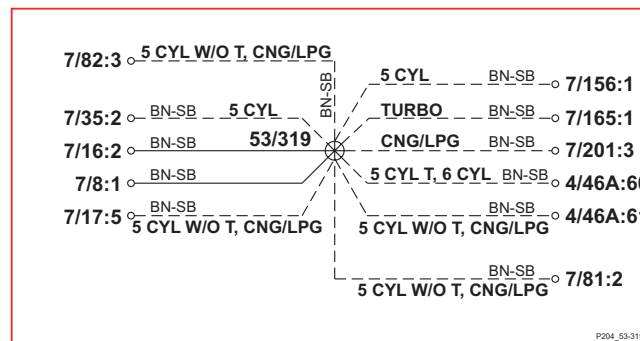
53/315



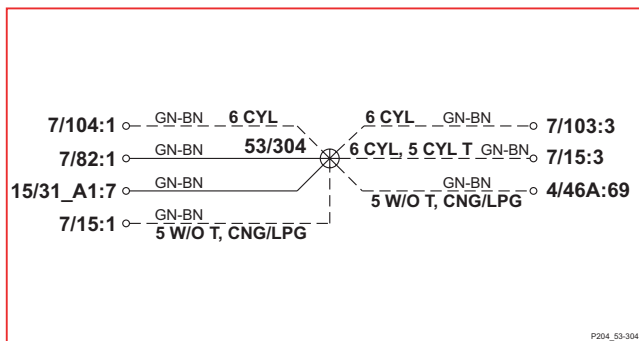
53 /303



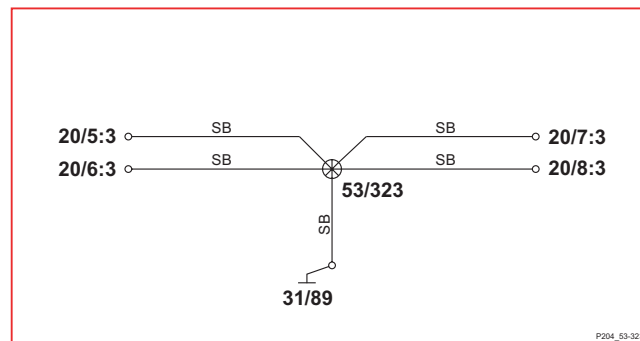
53/319



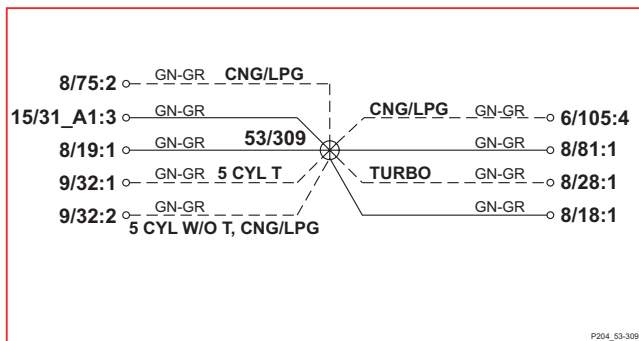
53/304



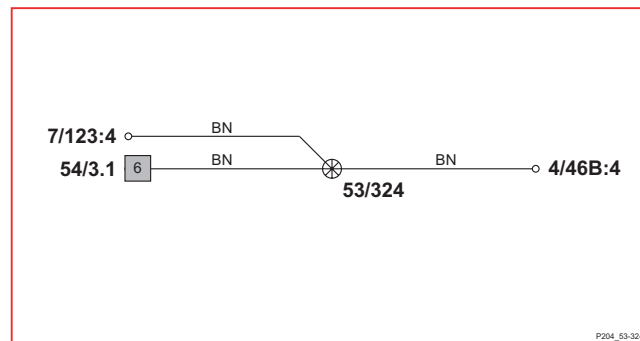
53/323 6-cyl



53/309



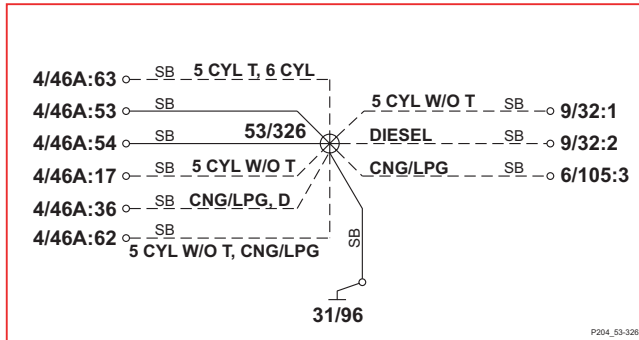
53/324



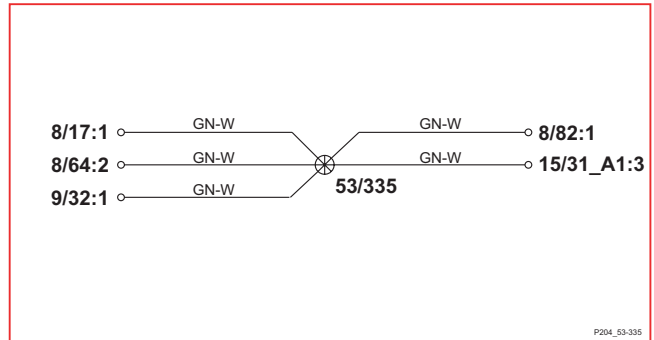
Junction points

53/326 - 53/366

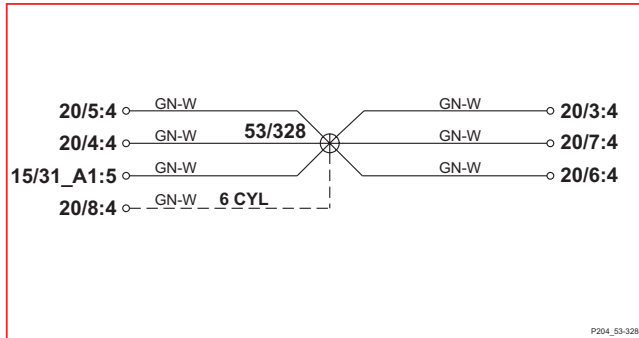
53/326



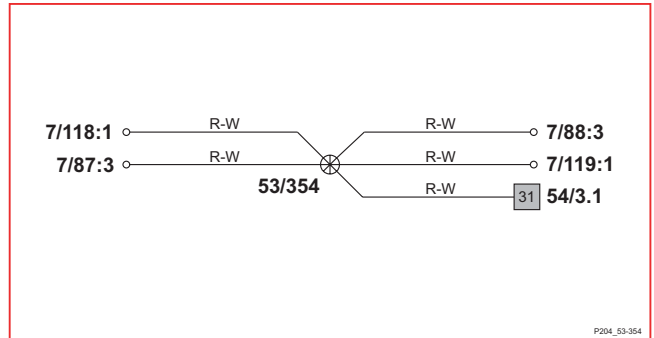
53/335 Diesel



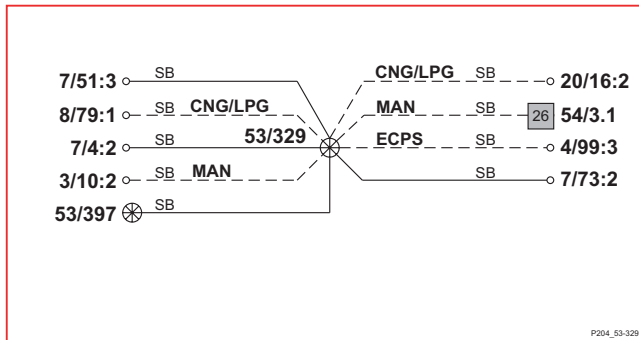
53/328



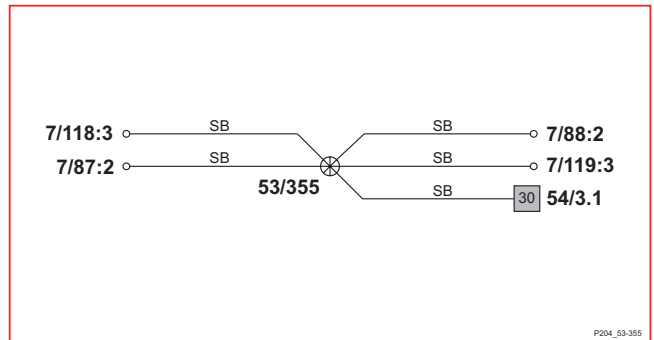
53/354 SUM



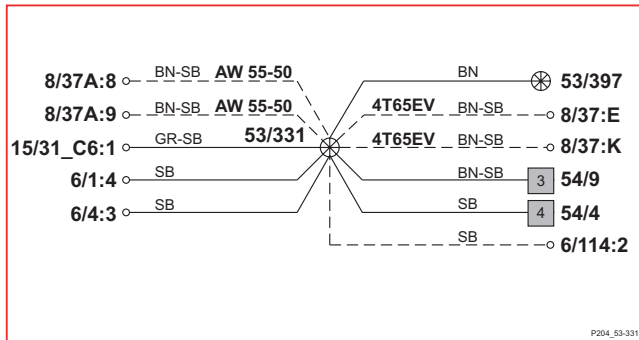
53/329



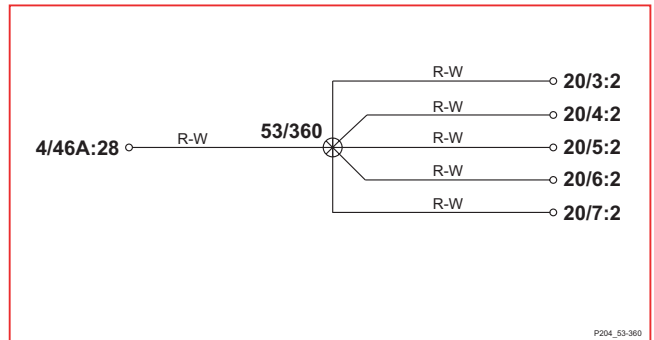
53/355 SUM



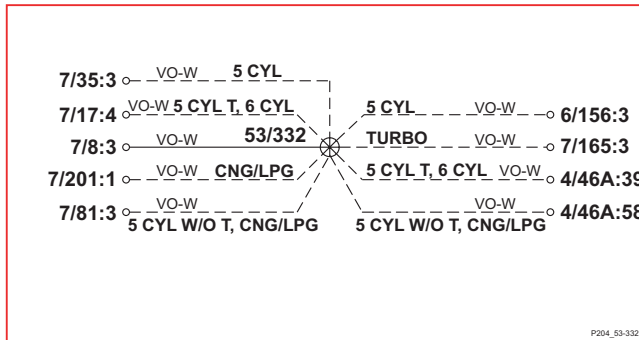
53/331



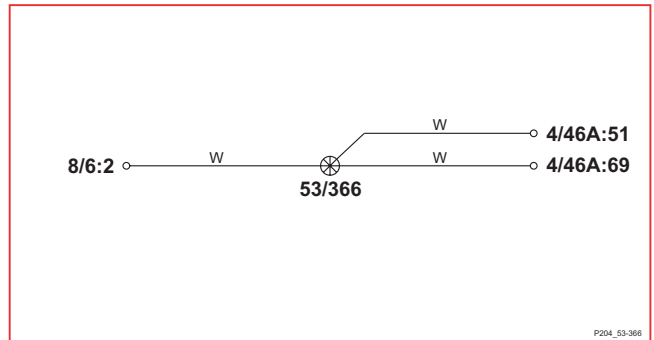
53/360 5-cyl normally aspirated



53/332



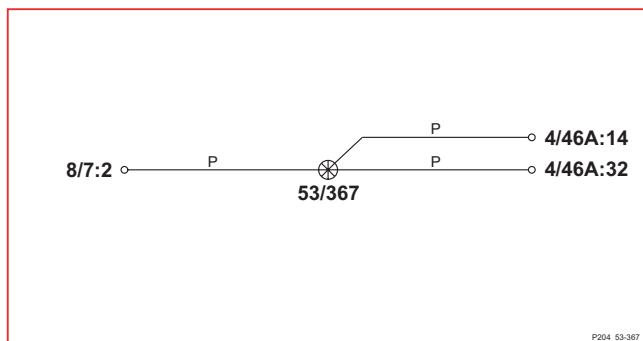
53/366 Cyl 1 Diesel



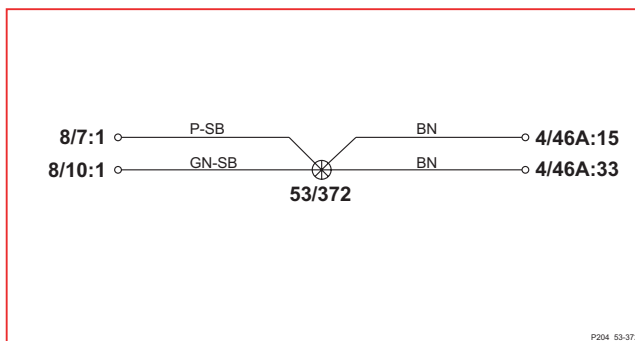
Junction points

53/367 - 53/376

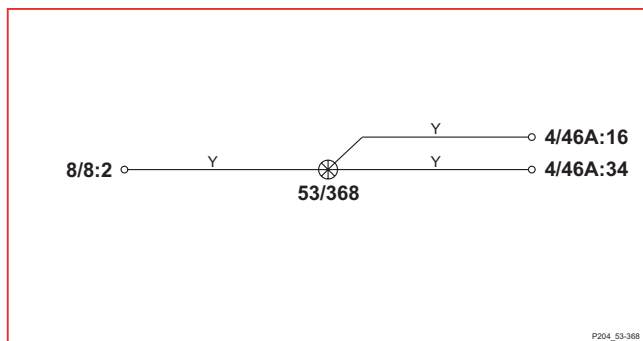
53/367 Cyl 2 Diesel



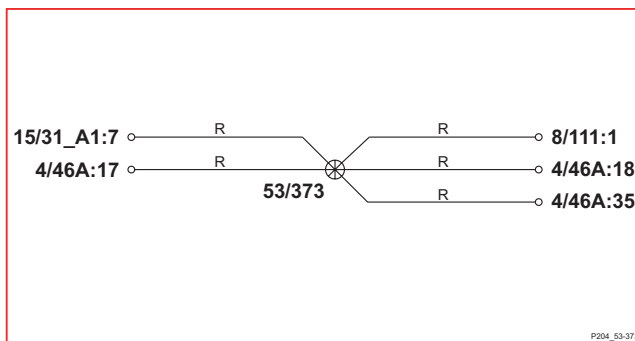
53/372 Diesel



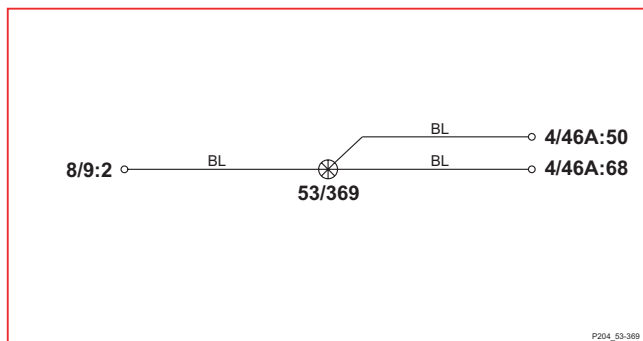
53/368 Cyl 3 Diesel



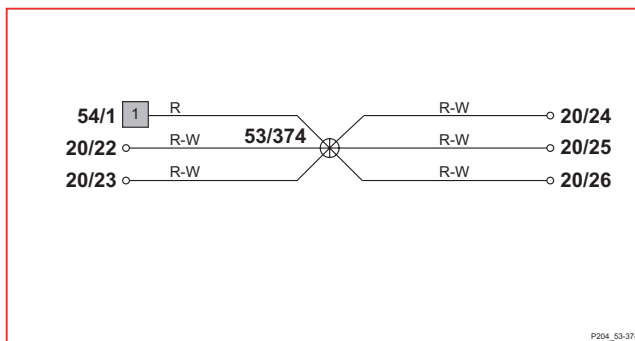
53/373 Diesel



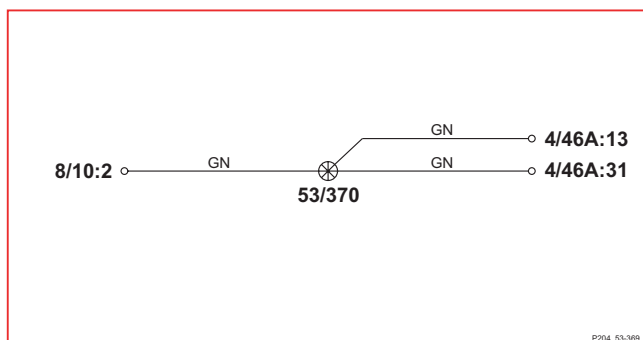
53/369 Cyl 4 Diesel



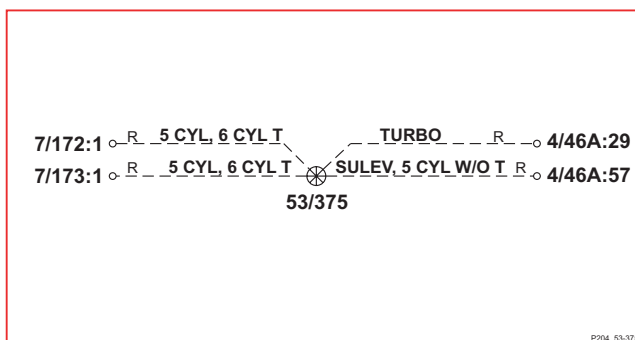
53/374 Diesel



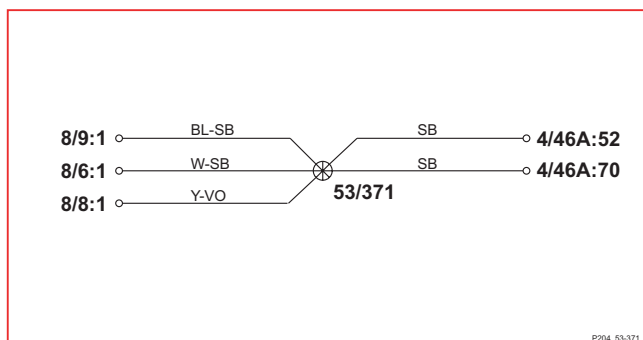
53/370 Cyl 5 Diesel



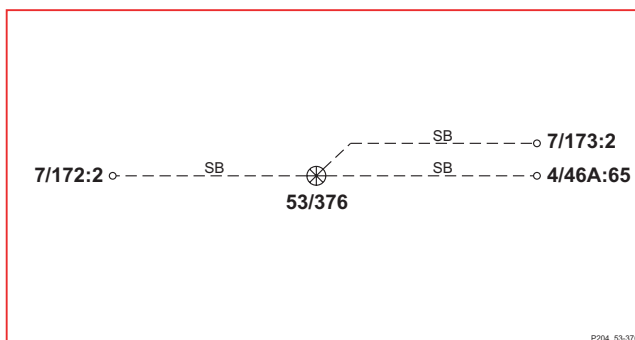
53/375



53/371 Diesel

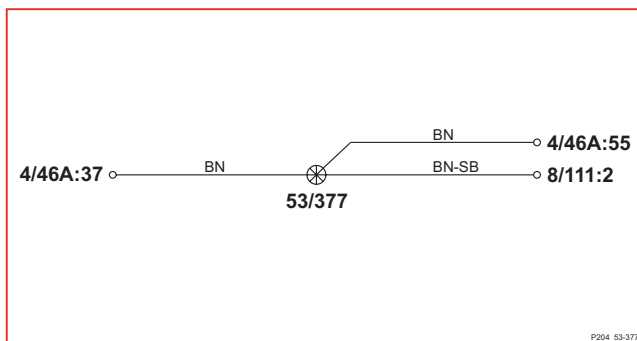


53/376

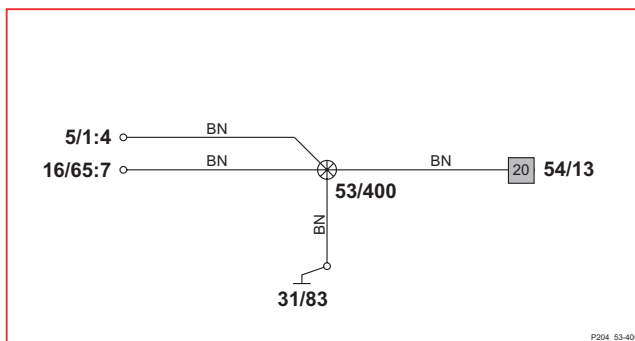


Junction points 53/377 - 53/408

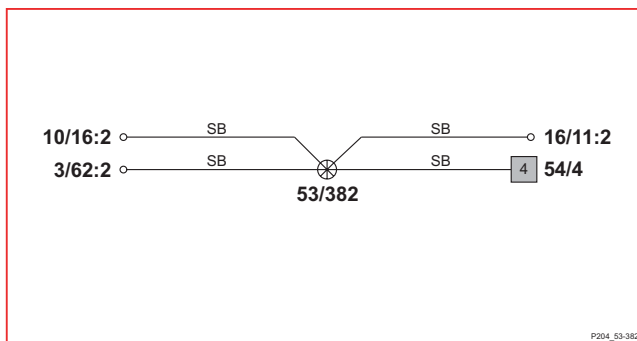
53/377 Diesel



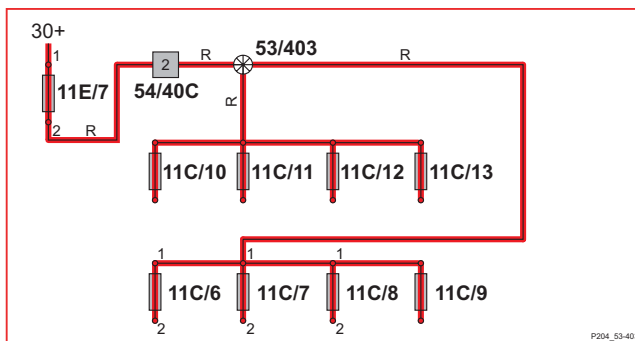
53/400



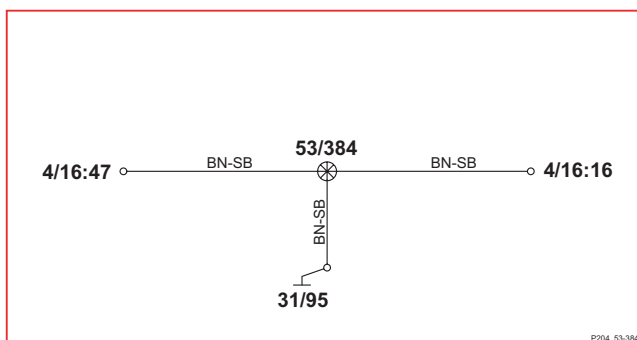
53/382



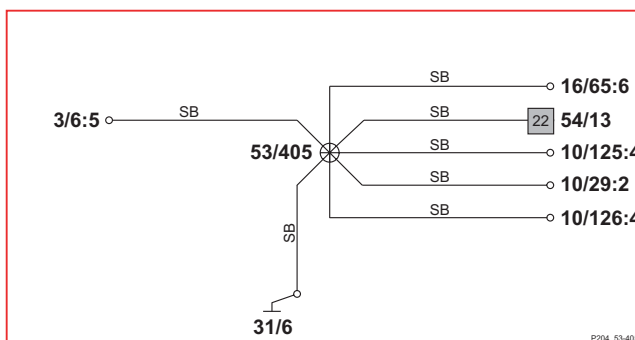
53/403



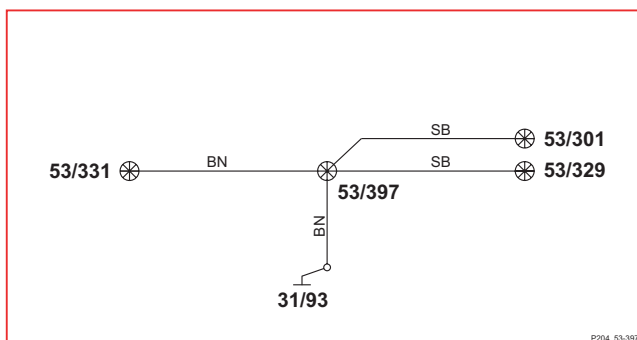
53/384



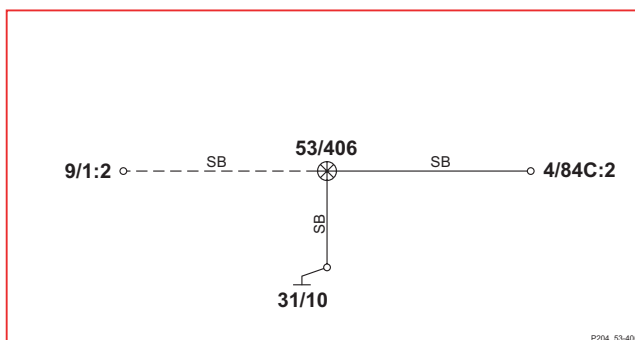
53/405



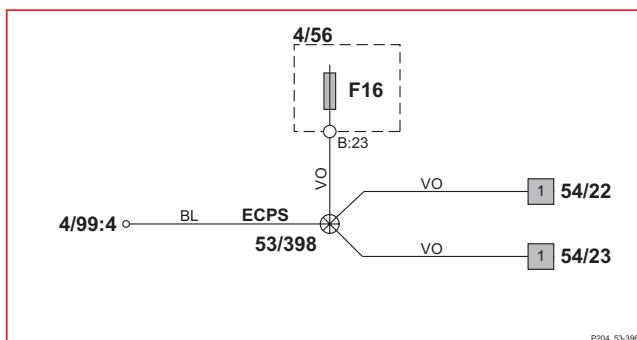
53/397



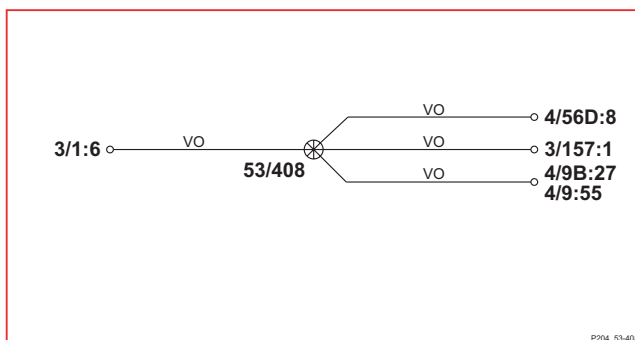
53/406 SUM



53/398

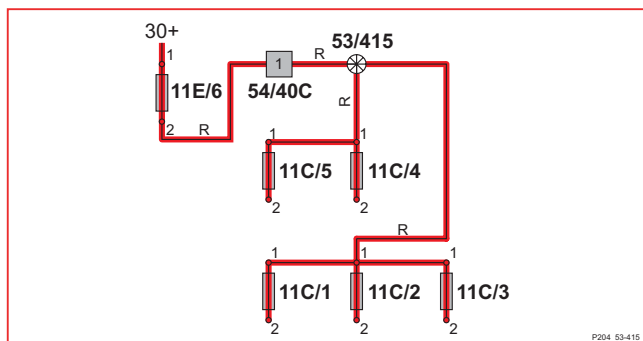


53/408

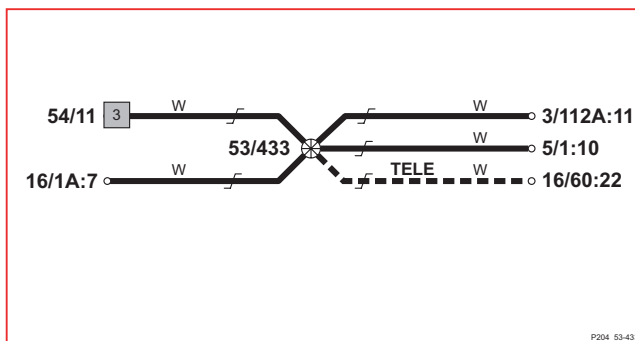


Junction points 53/415 - 53/437

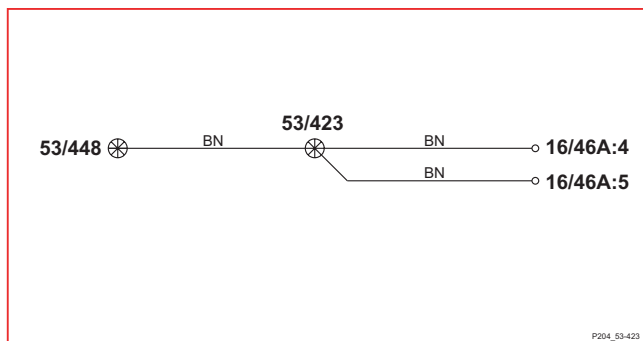
53/415



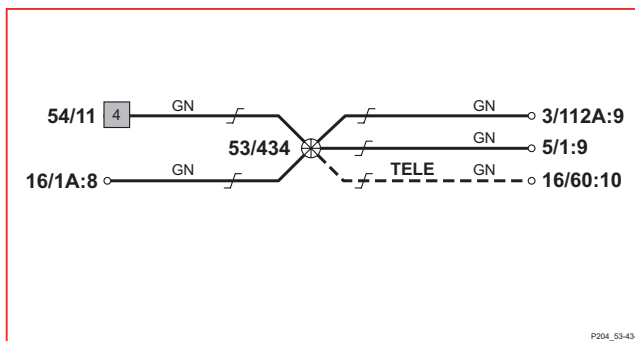
53/433



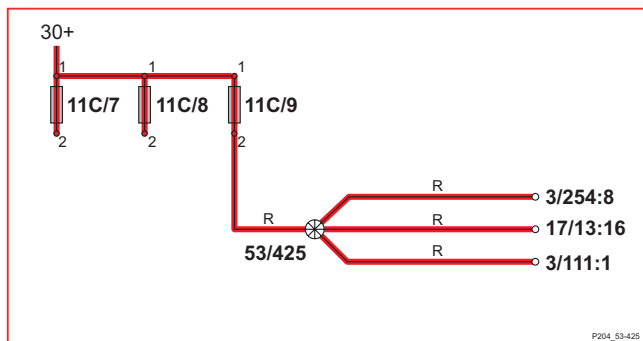
53/423 RTI



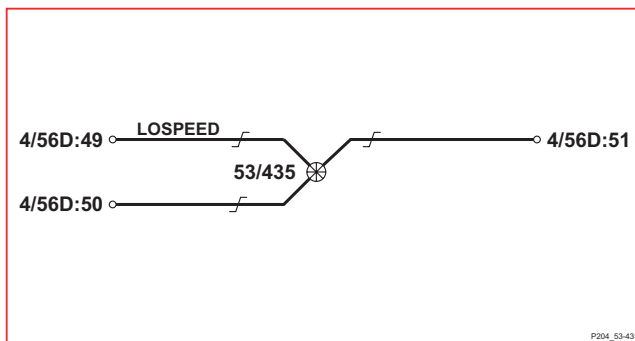
53/434



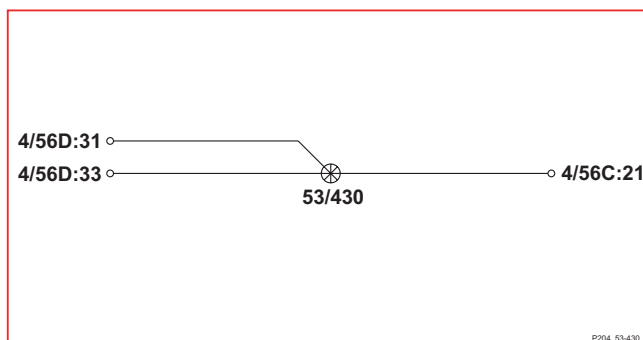
53/425



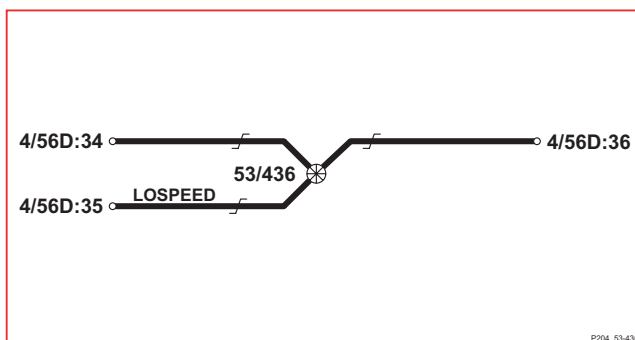
53/435



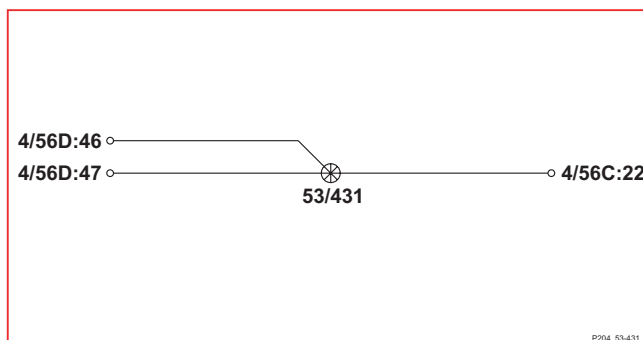
53/430



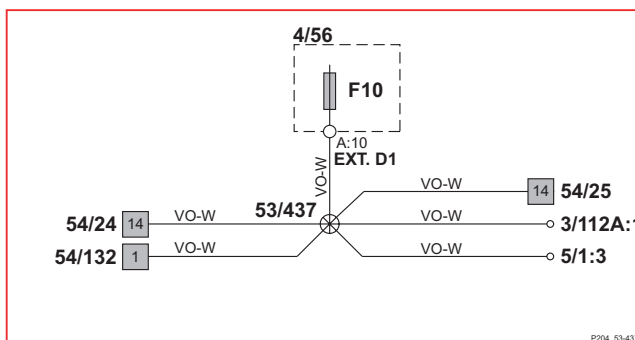
53/436



53/431



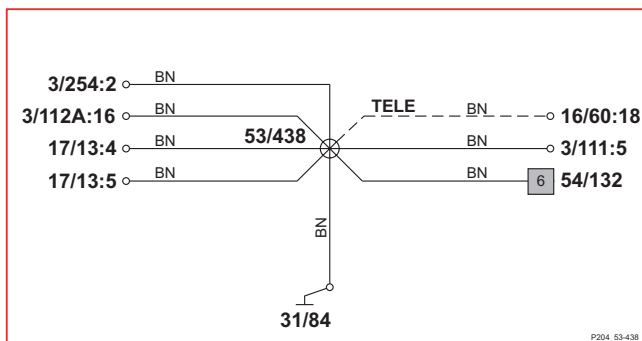
53/437



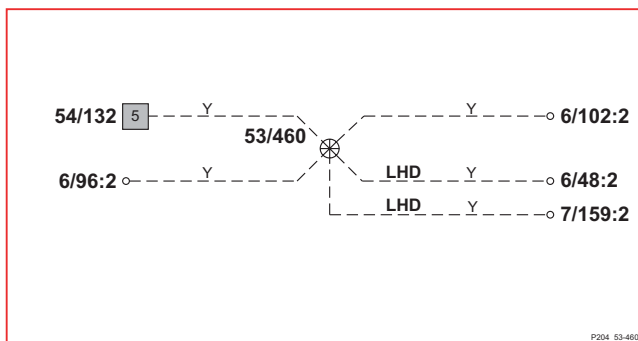
Junction points

53/438 - 53/502

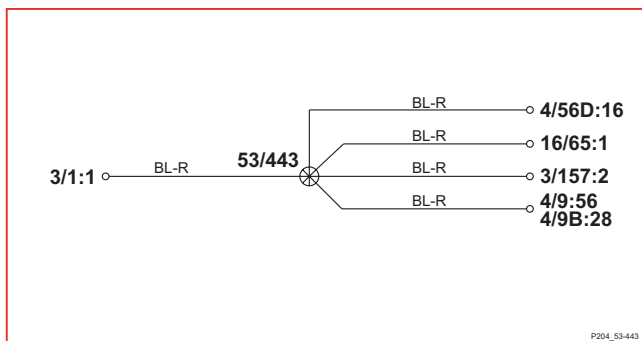
53/438



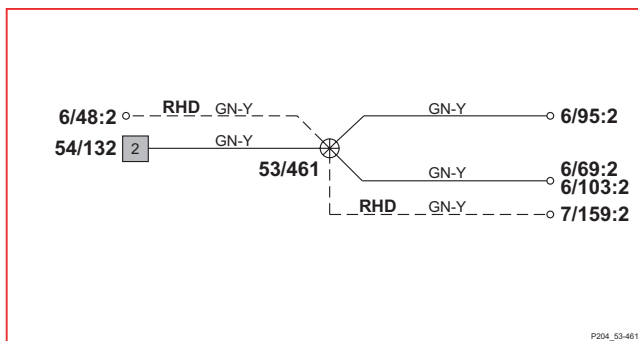
53/460



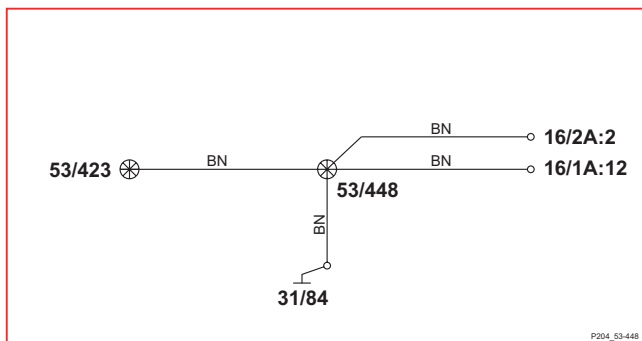
53/443



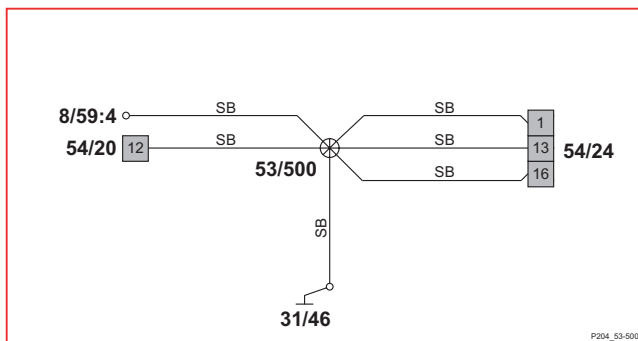
53/461



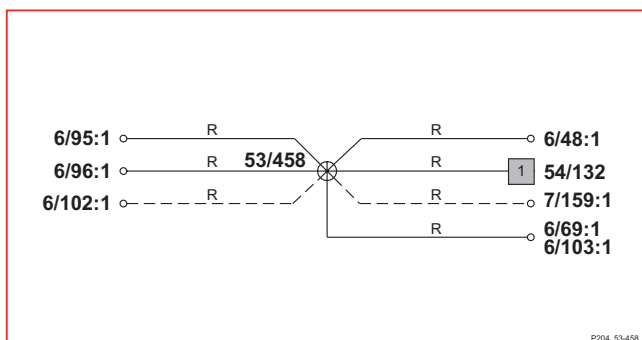
53/448



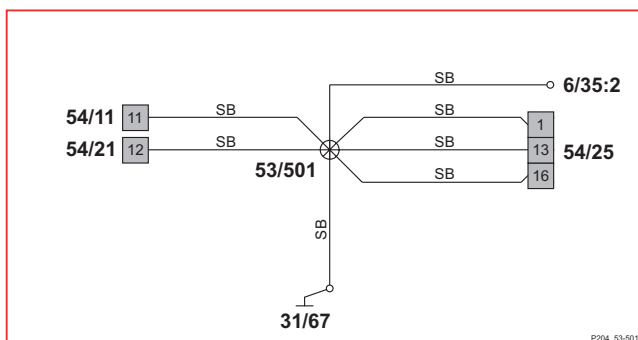
53/500



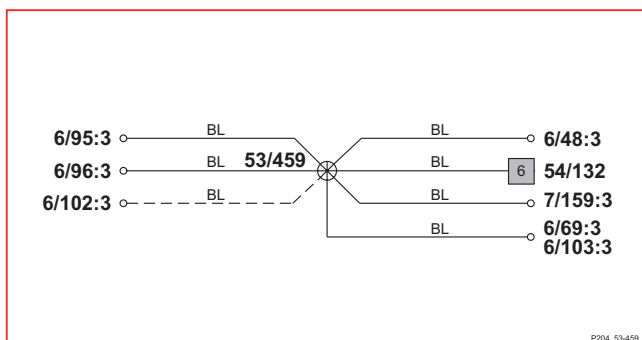
53/458



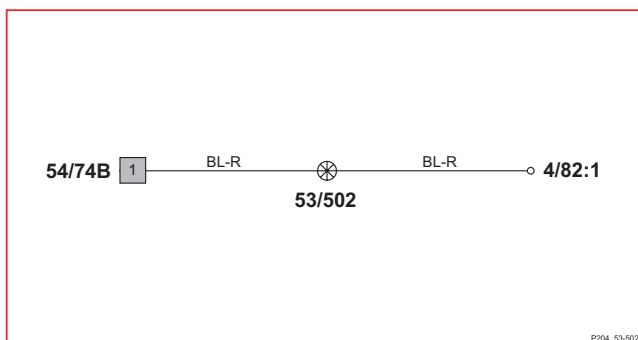
53/501



53/459



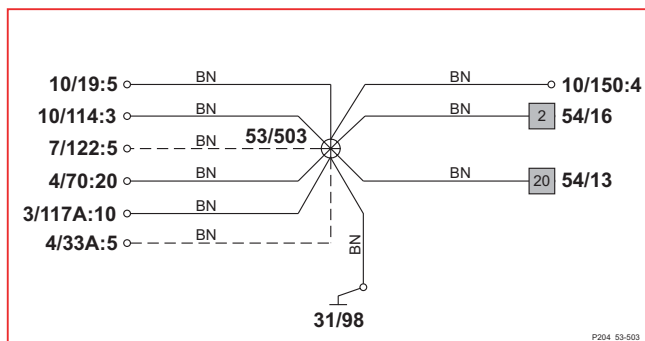
53/502 AWD



Junction points

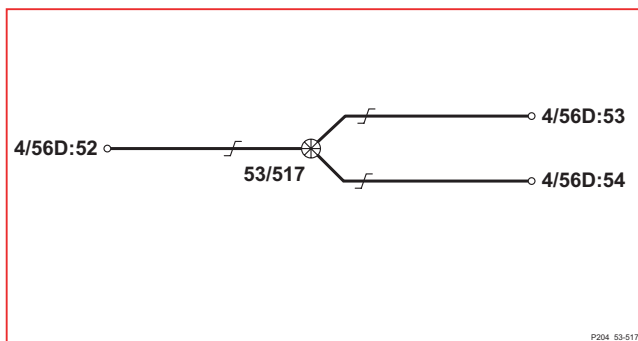
53/503 - 53/526

53/503



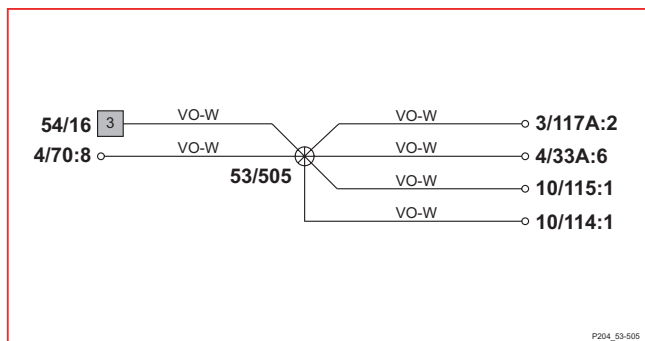
P204_53-503

53/517



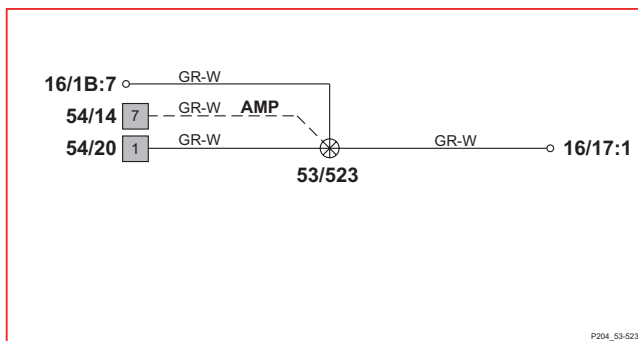
P204_53-517

53/505



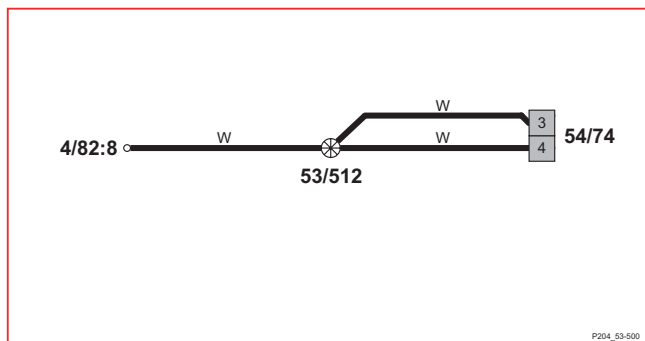
P204_53-505

53/523



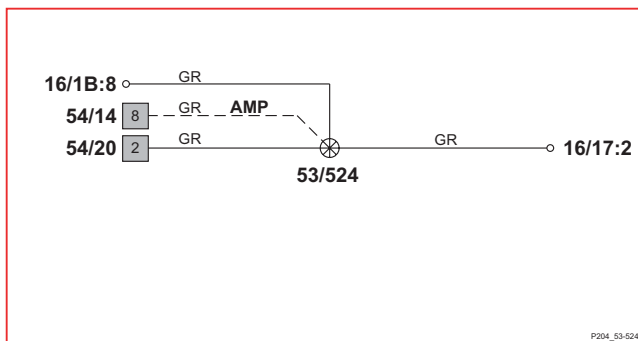
P204_53-523

53/512 AWD



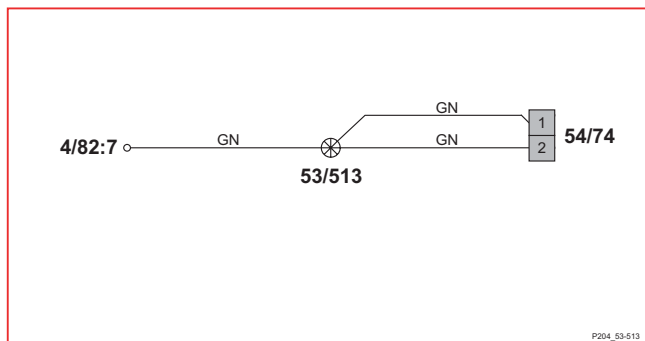
P204_53-509

53/524



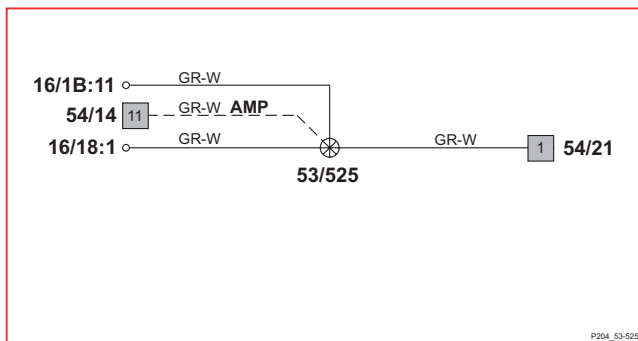
P204_53-524

53/513 AWD



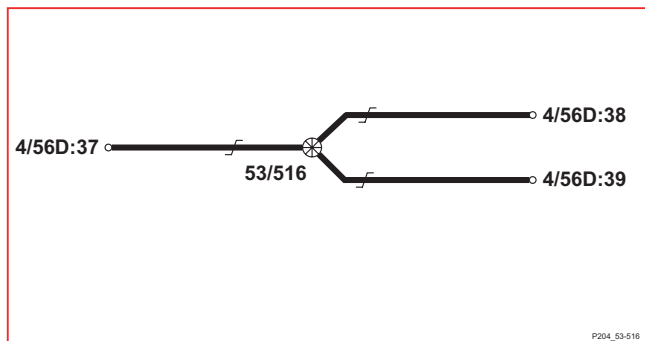
P204_53-513

53/525



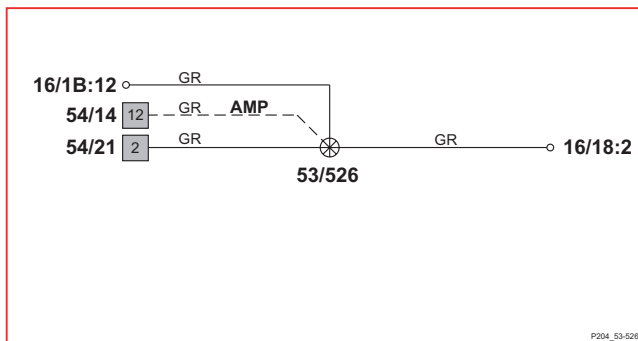
P204_53-525

53/516



P204_53-516

53/526

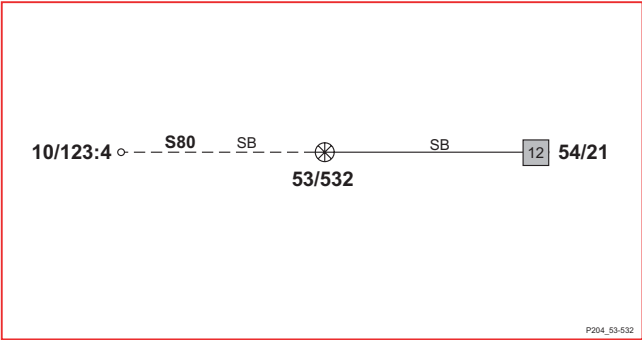


P204_53-526

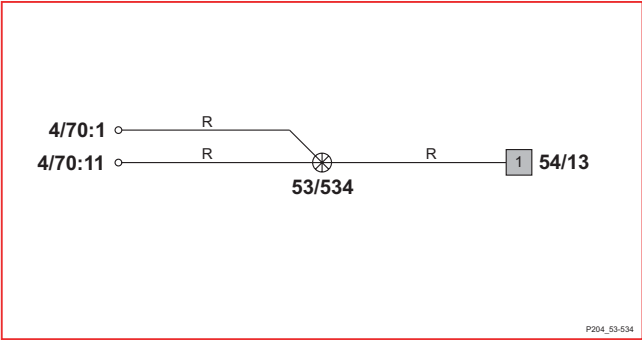
Junction points

53/532 - 53/582

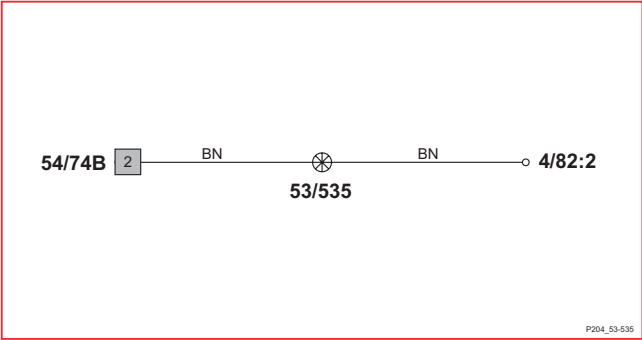
53/532



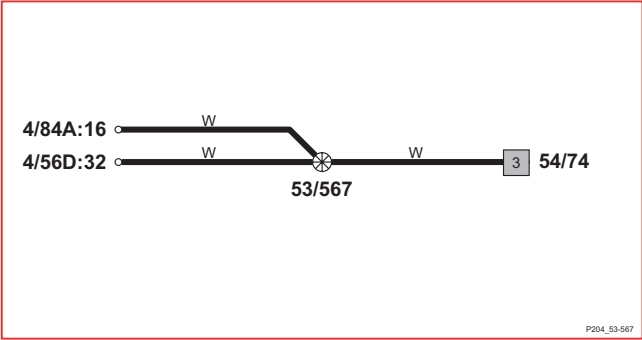
53/534



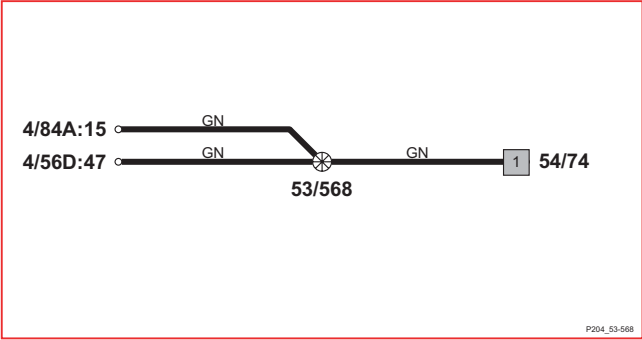
53/535 AWD



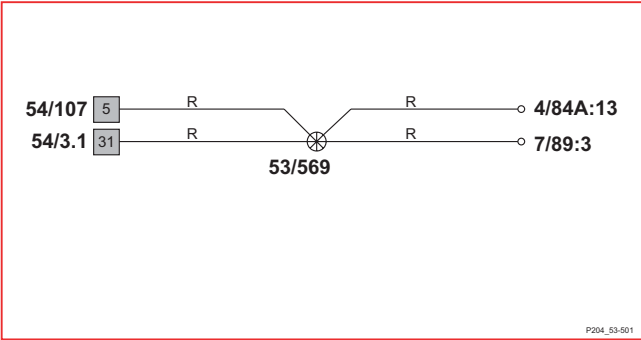
53/567 SUM



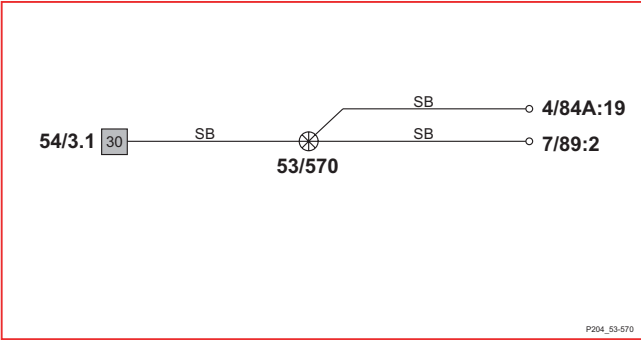
53/568 SUM



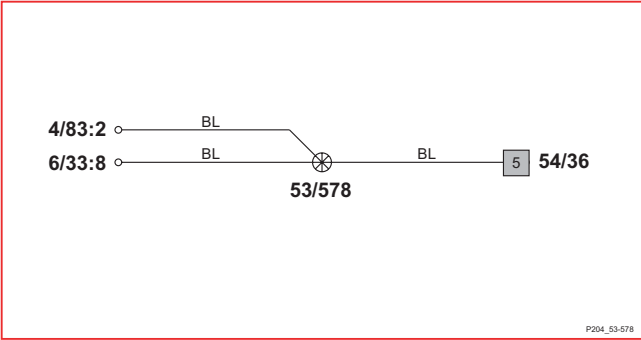
53/569



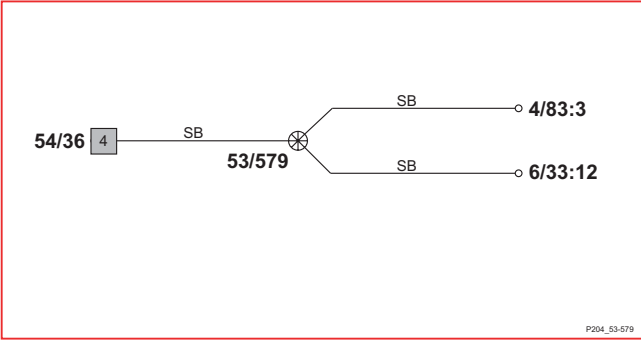
53/570



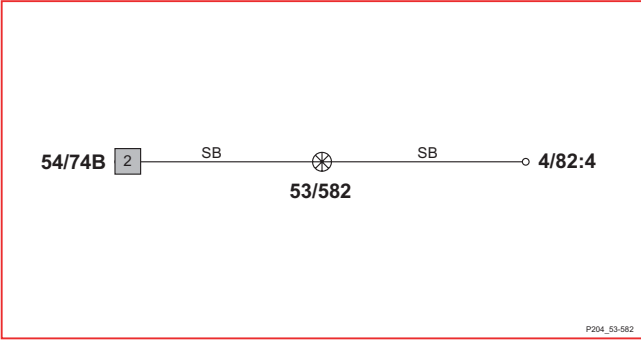
53/578



53/579



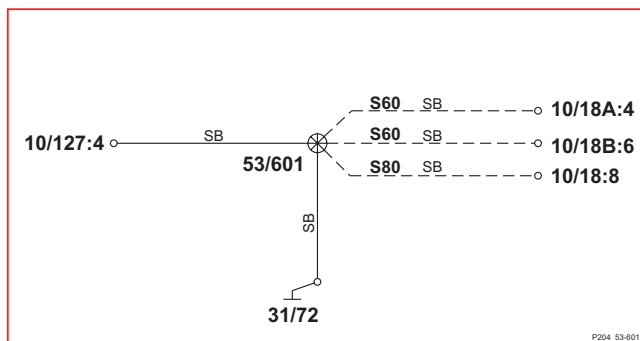
53/582 AWD



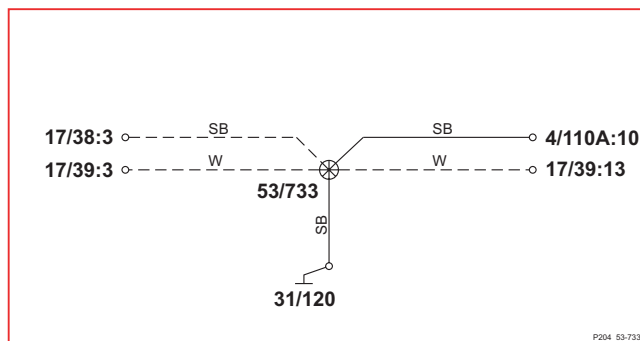
Junction points

53/601 - 53/737

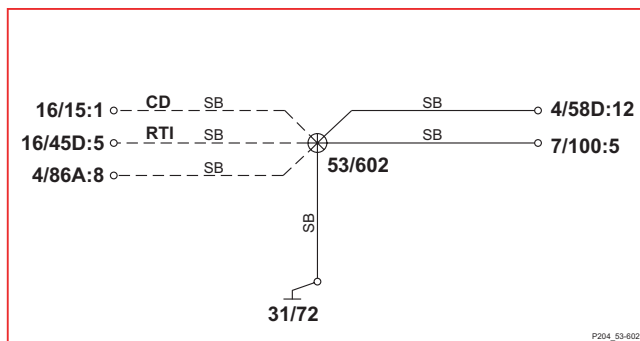
53/601



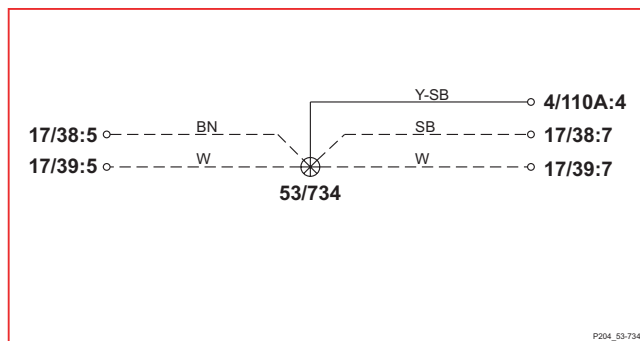
53/733



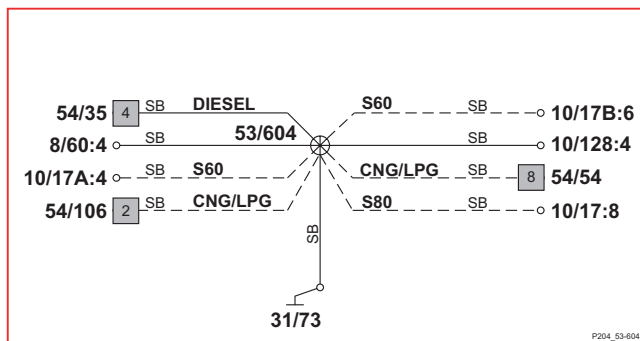
53/602



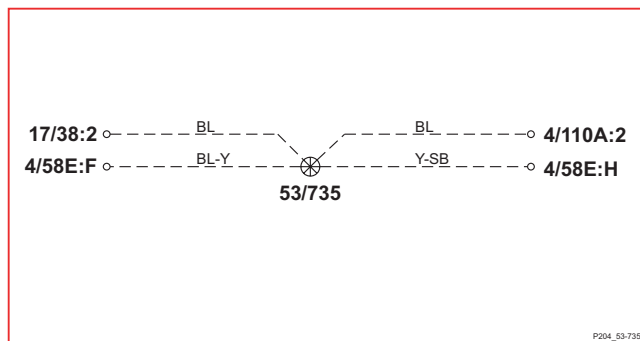
53/734



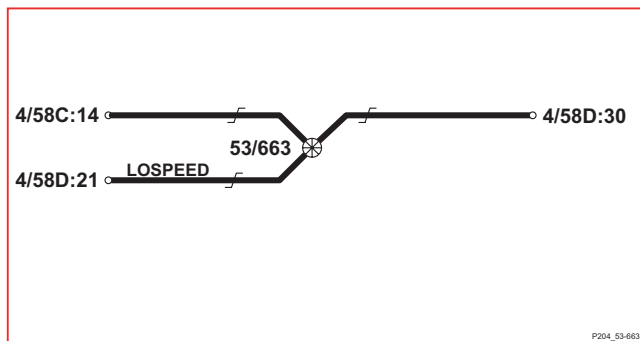
53/604



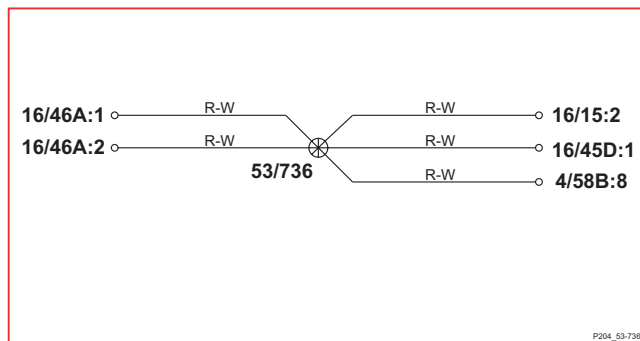
53/735



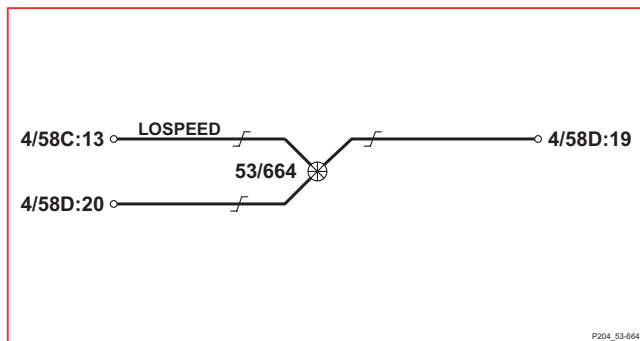
53/663



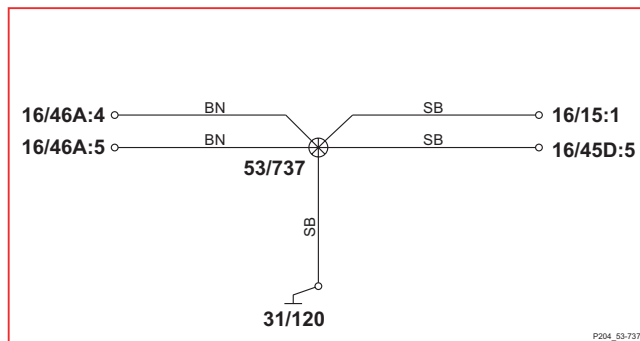
53/736



53/664

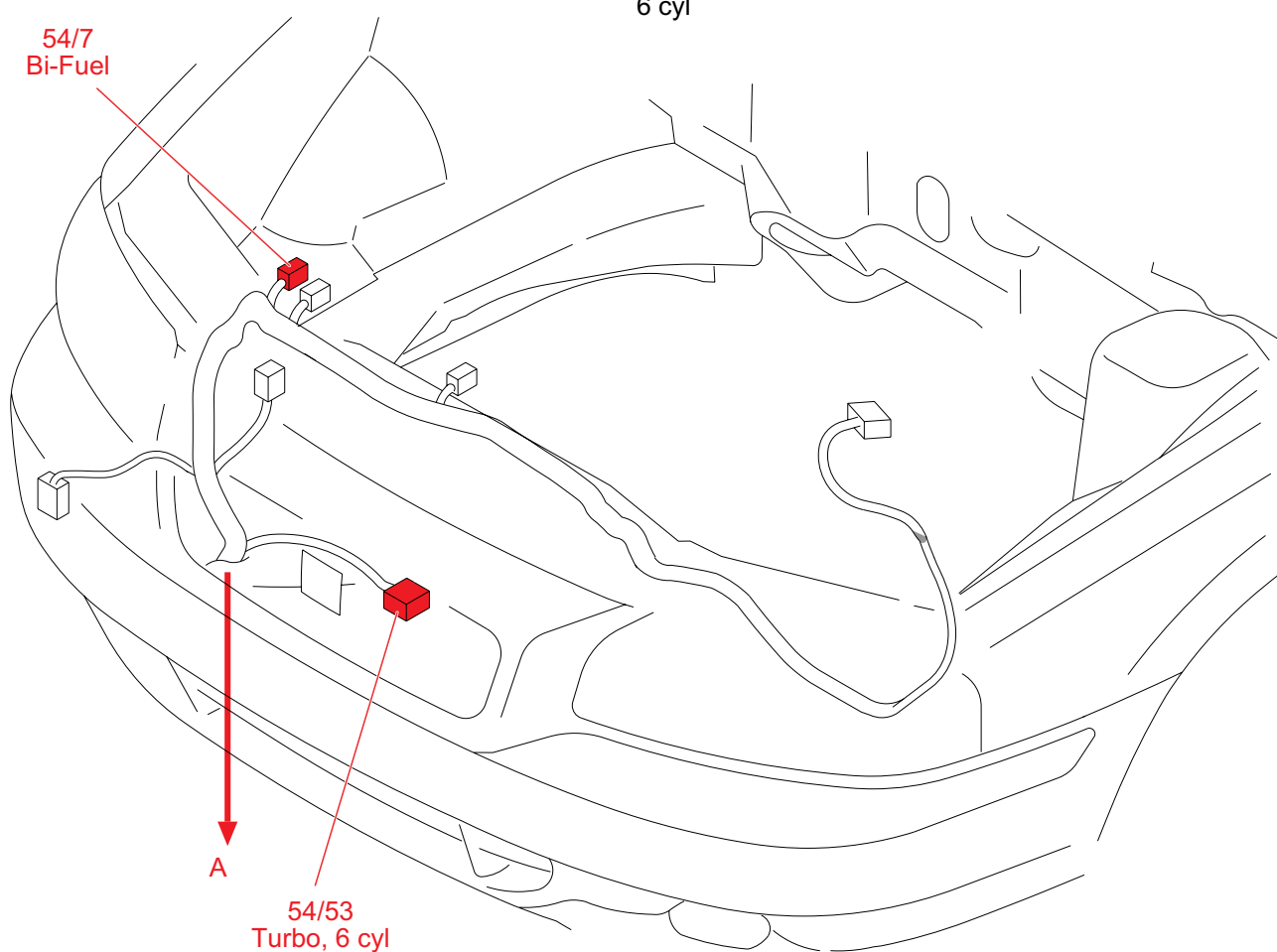
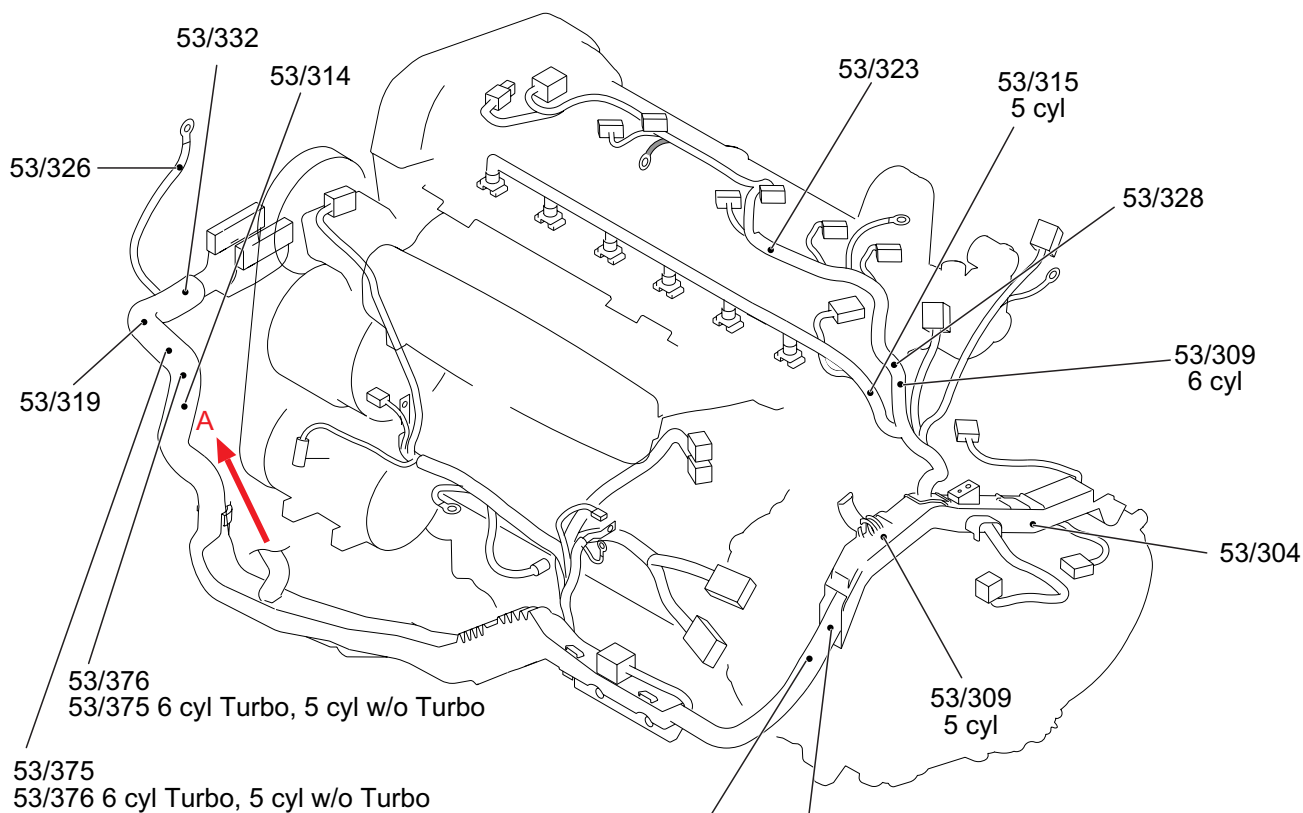


53/737



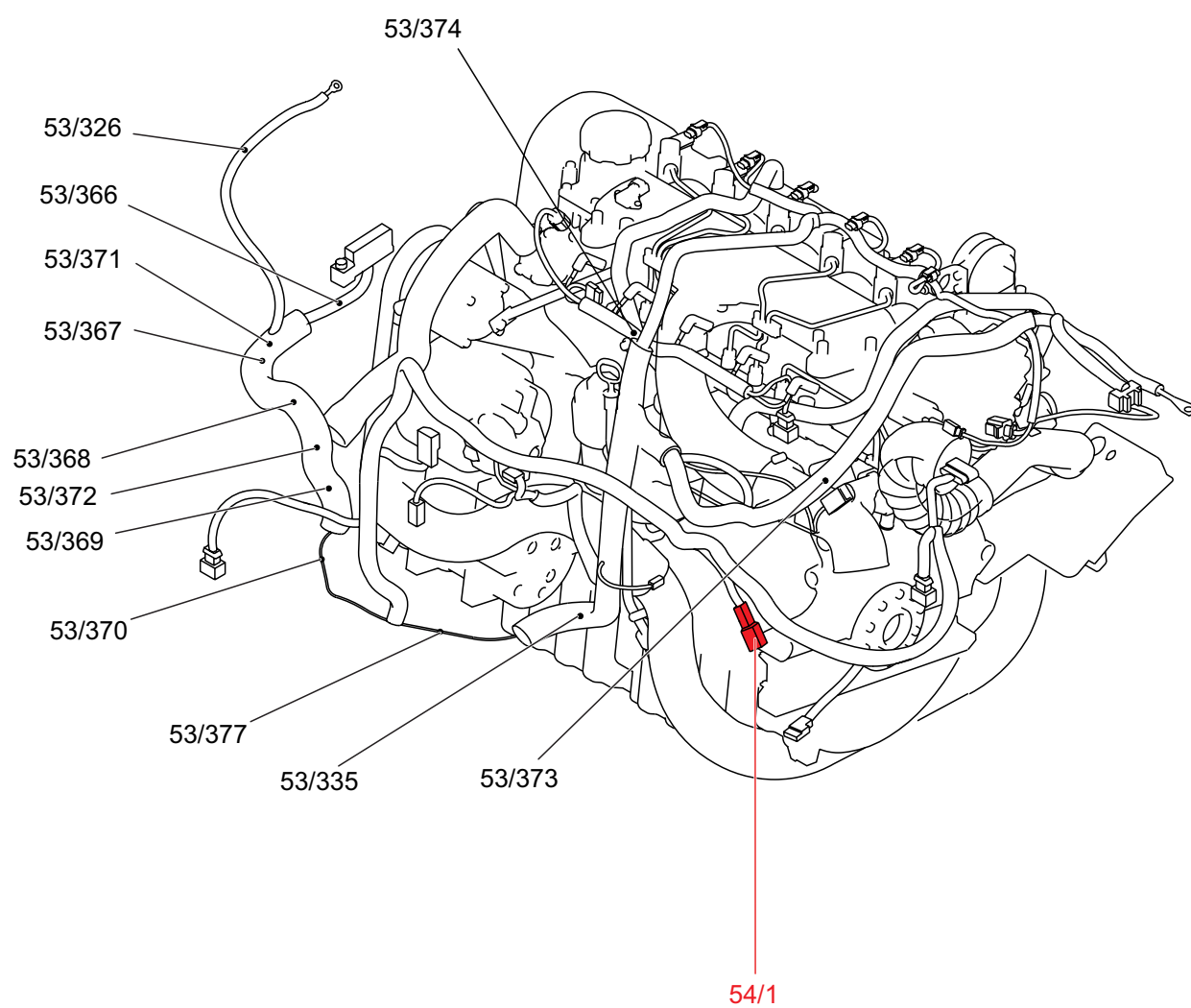
Cable harness routing in vehicle

Engine harness, Gasoline



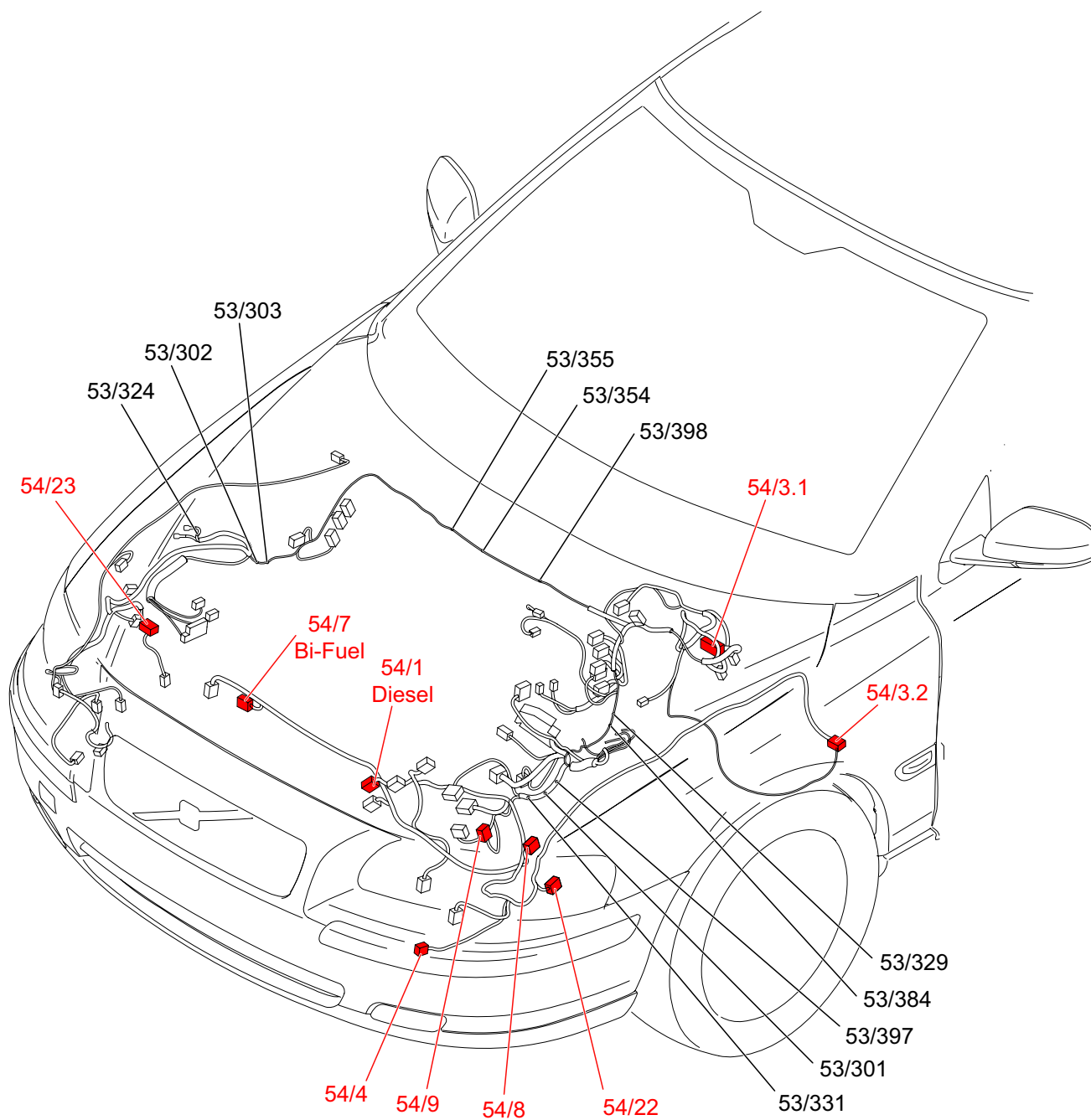
Cable harness routing in vehicle

Engine harness, Diesel



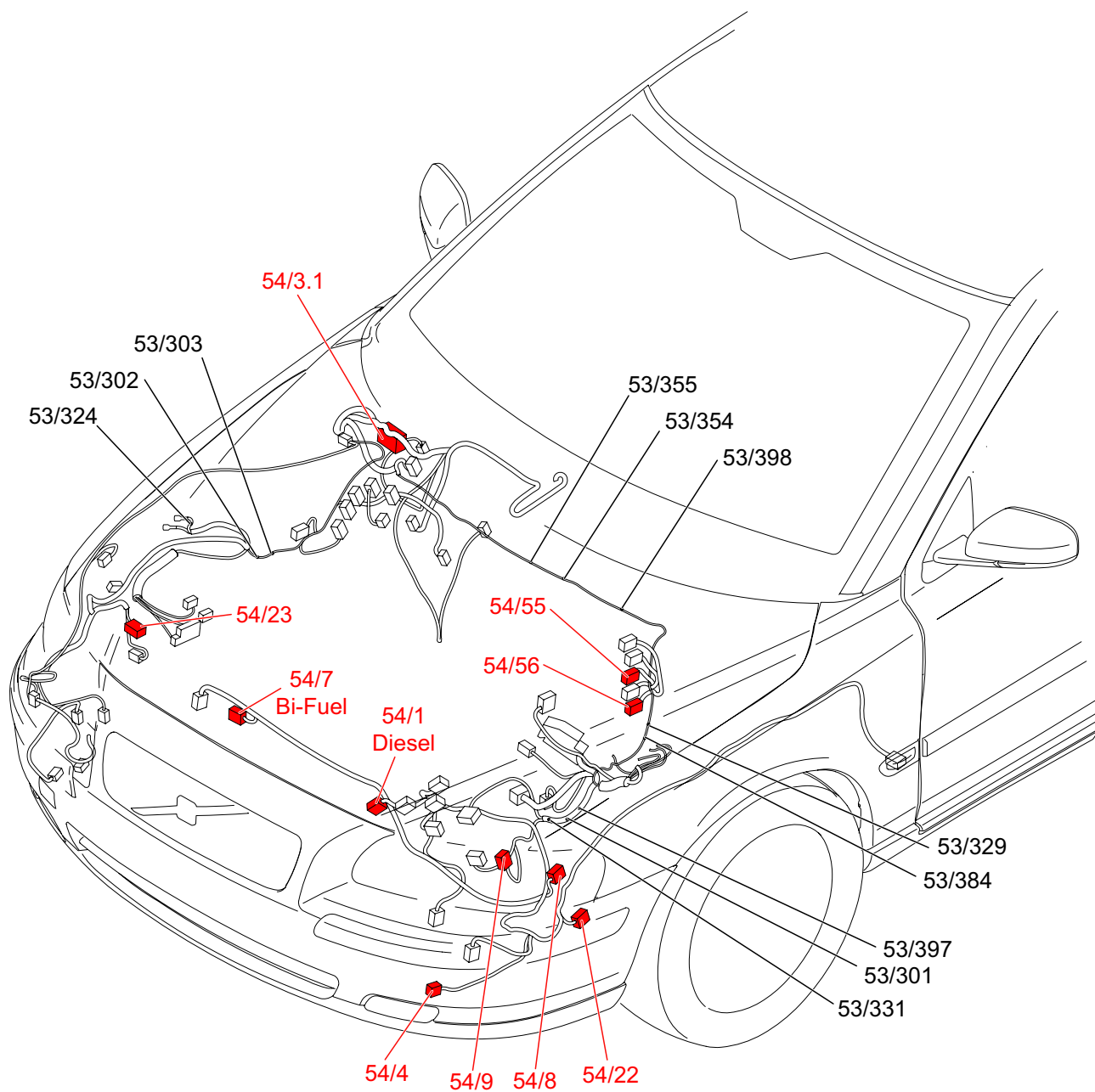
Cable harness routing in vehicle

Engine compartment harness LHD



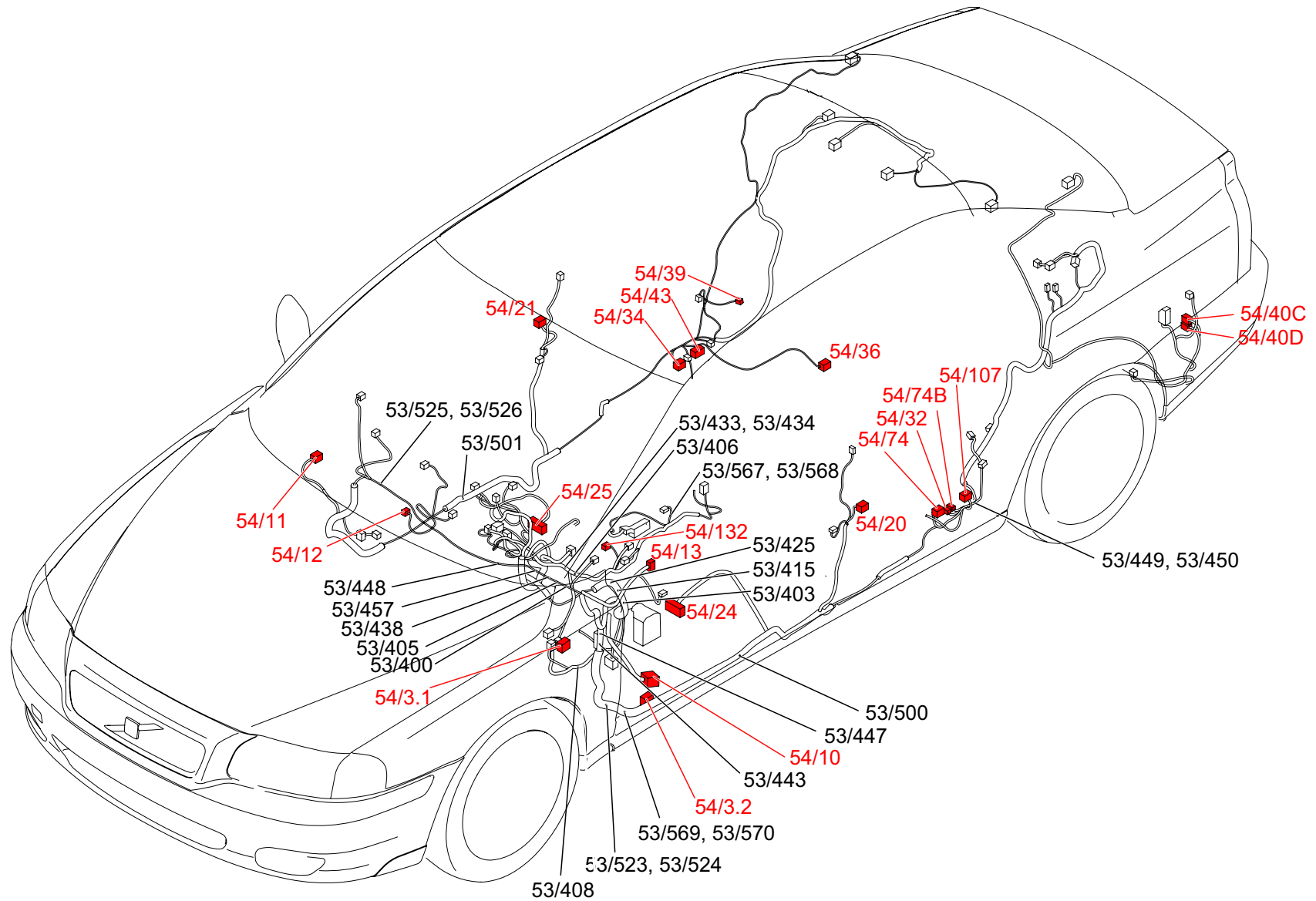
Cable harness routing in vehicle

Engine compartment harness RHD



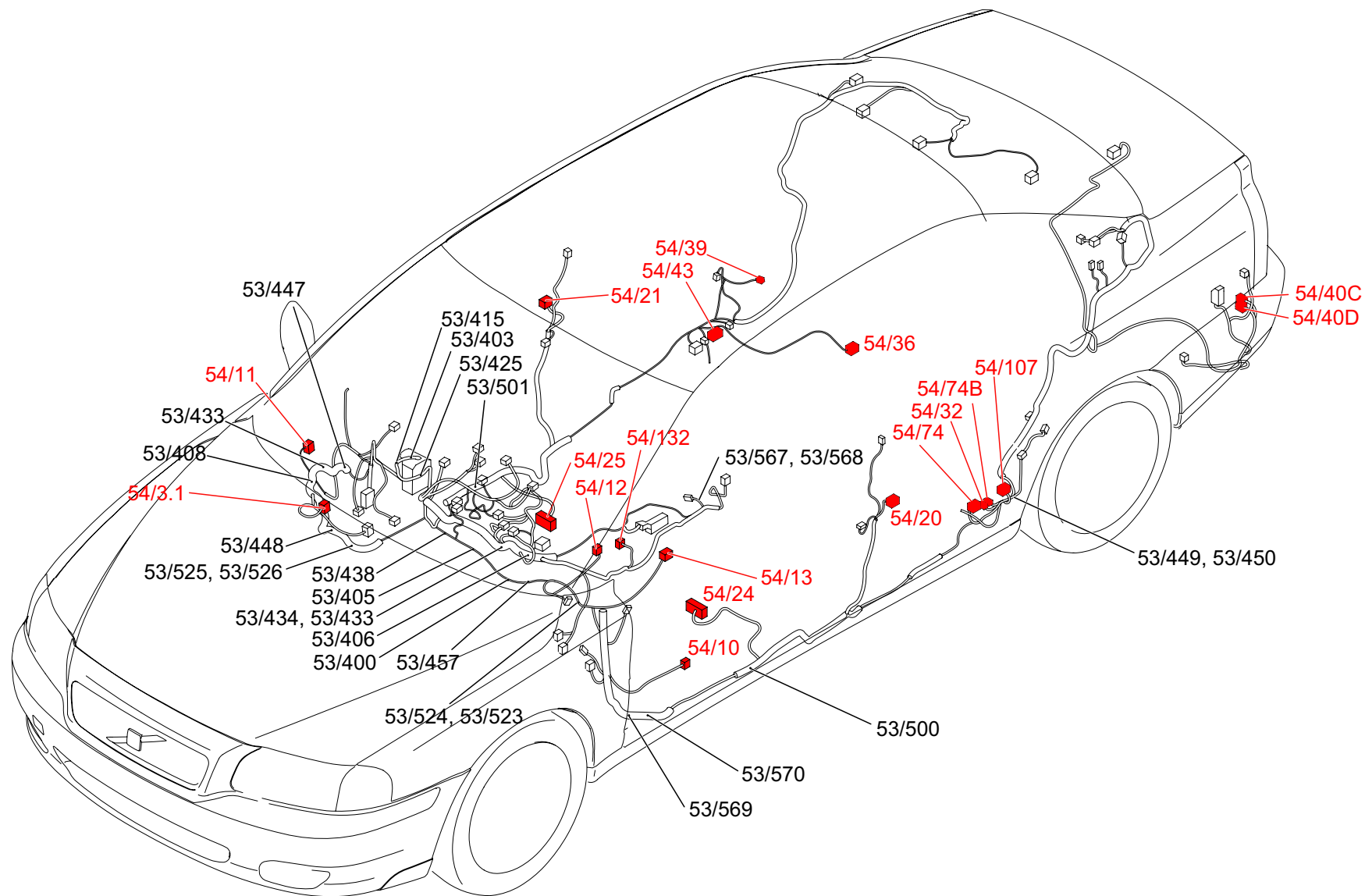
Cable harness routing in vehicle

Passenger compartment harness LHD



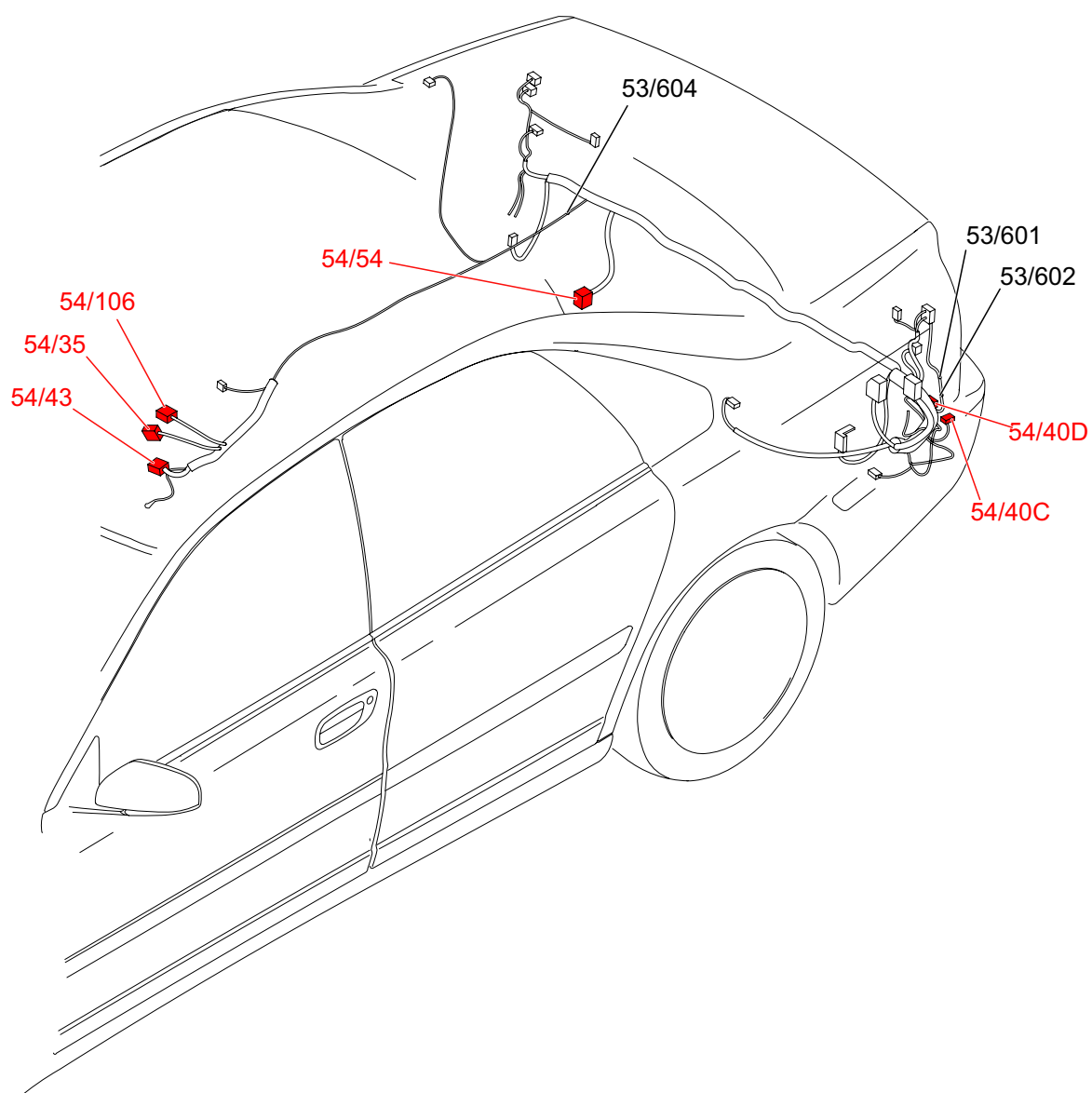
Cable harness routing in vehicle

Passenger compartment harness RHD



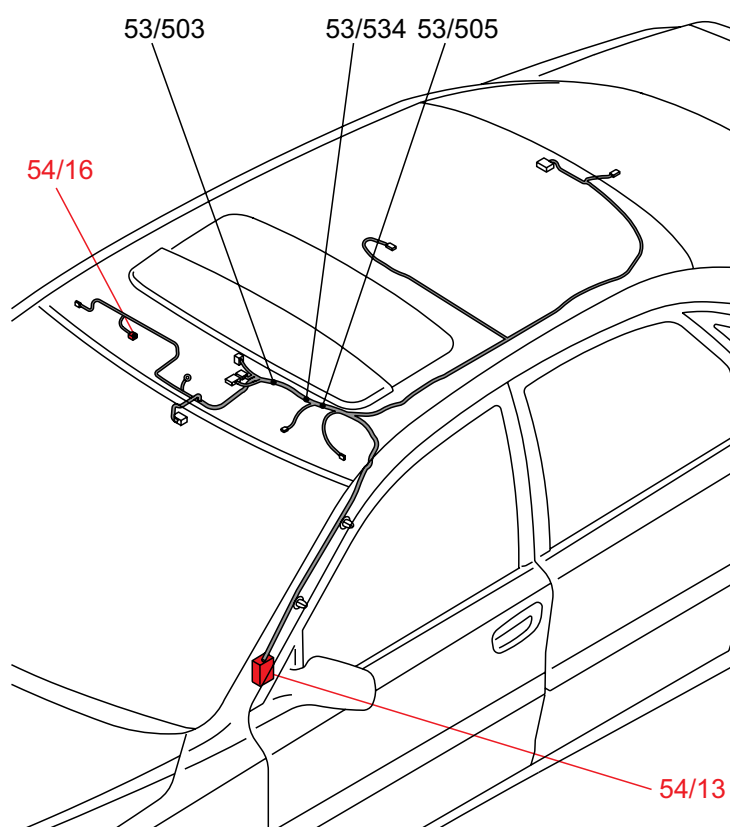
Cable harness routing in vehicle

Cargo compartment harness



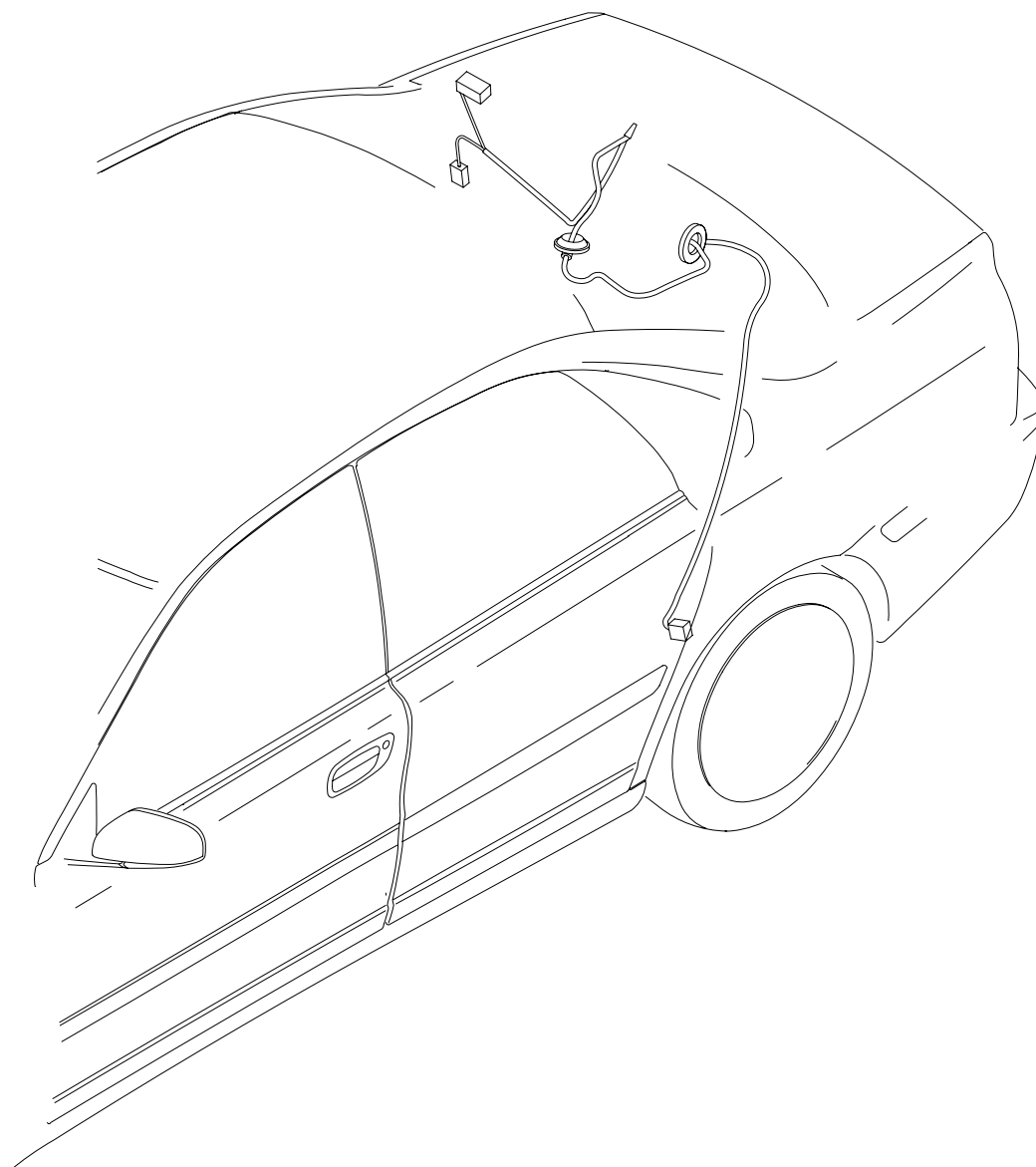
Cable harness routing in vehicle

Roof harness



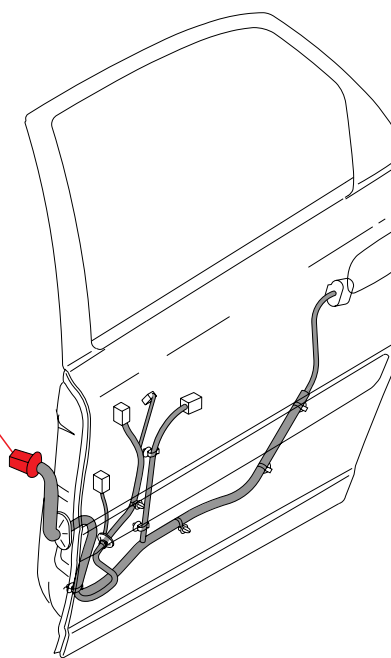
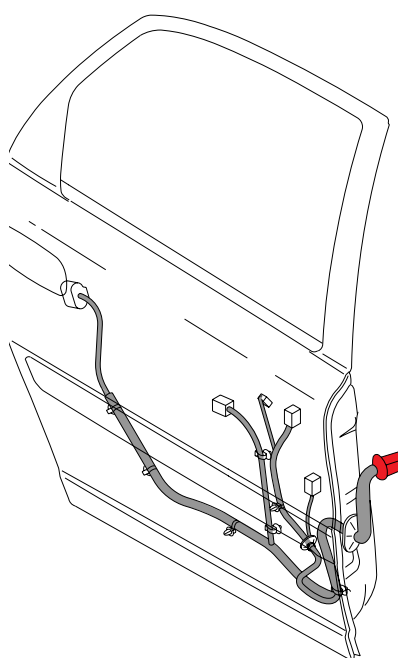
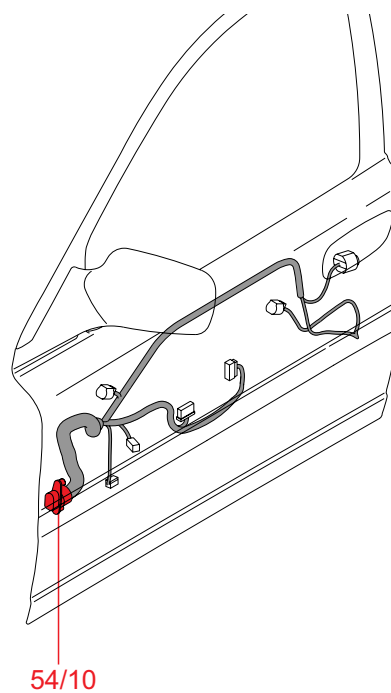
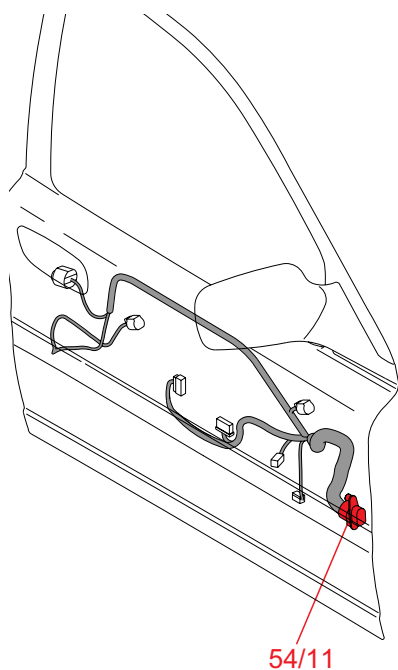
Cable harness routing in vehicle

Trunk lid harness



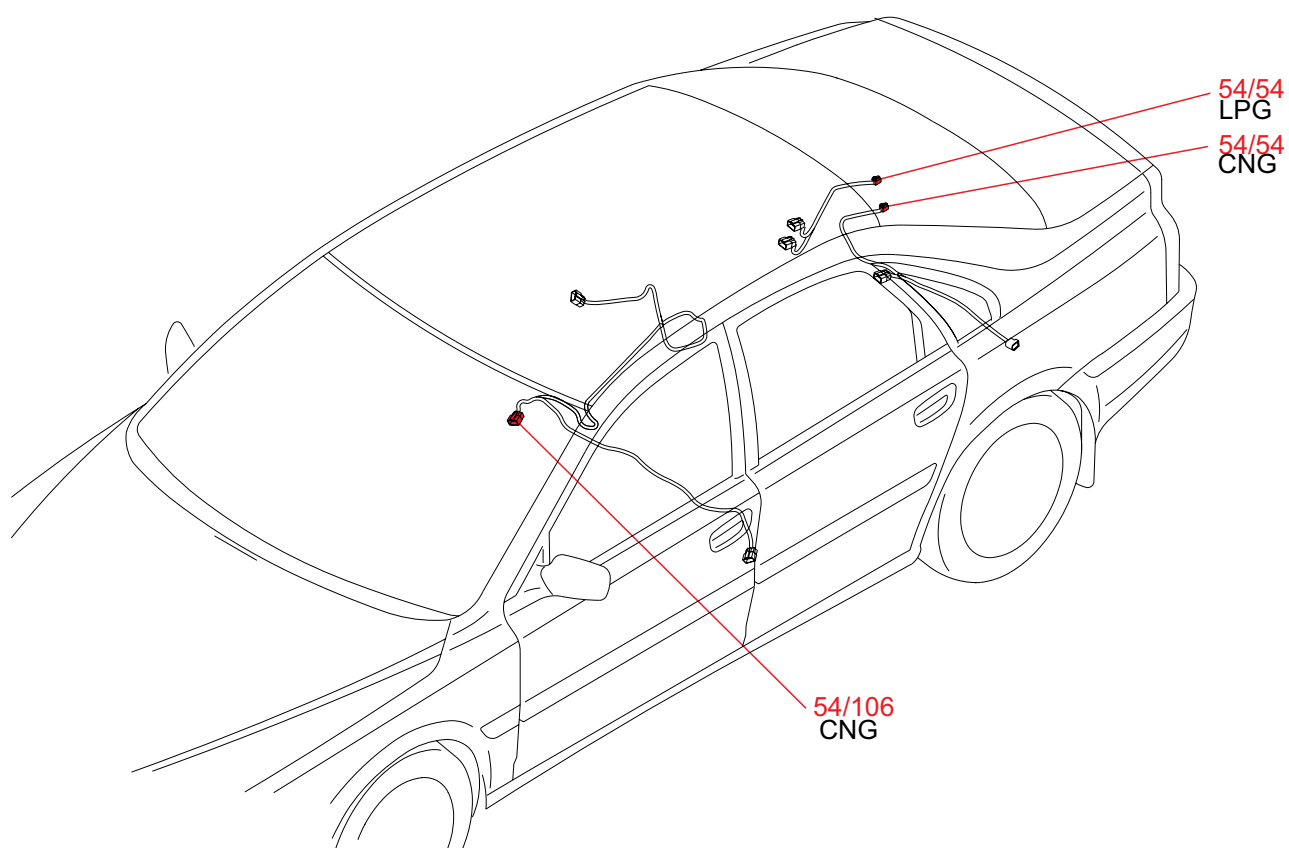
Cable harness routing in vehicle

Door harness



Cable harness routing in vehicle

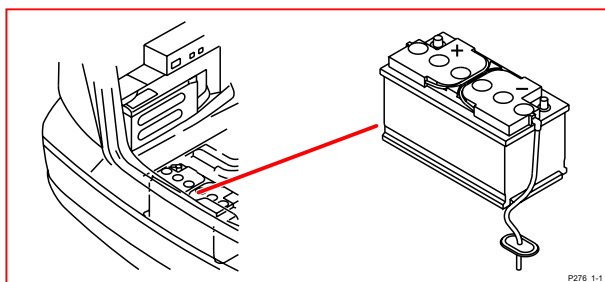
Bi-Fuel harness



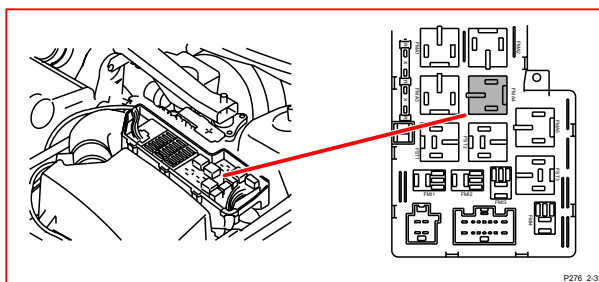
Component illustrations

1/1 - 2/182

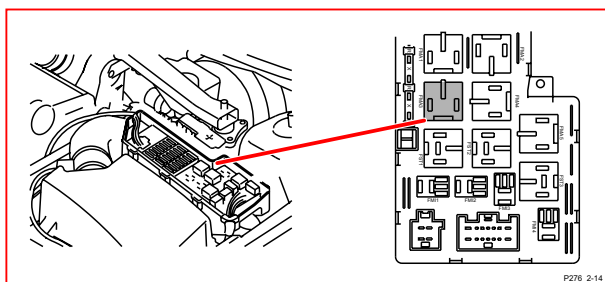
1/1 Battery



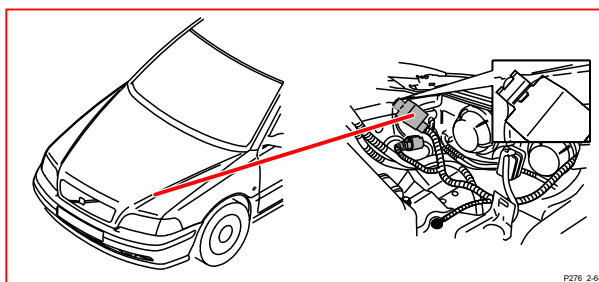
2/35 Starter motor relay



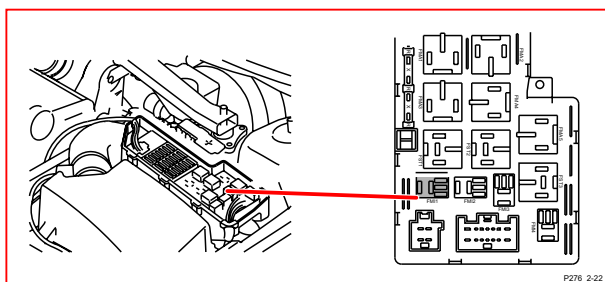
2/14 Relay, glow plug unit



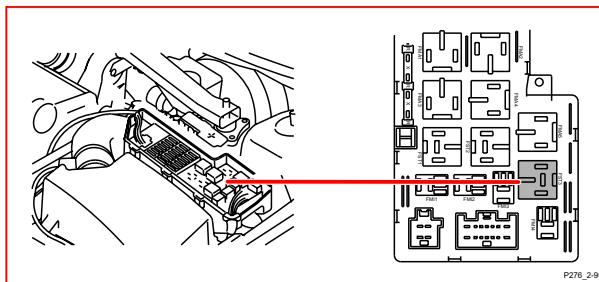
2/64 Auxiliary light (accessory) relay



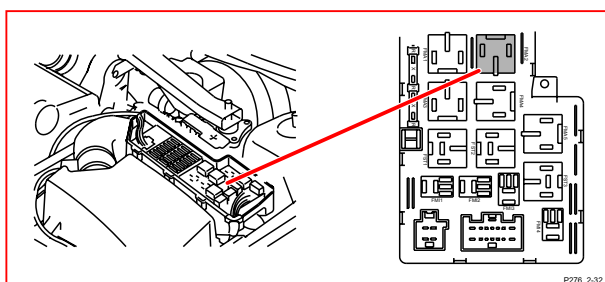
2/22 Relay, climate control system



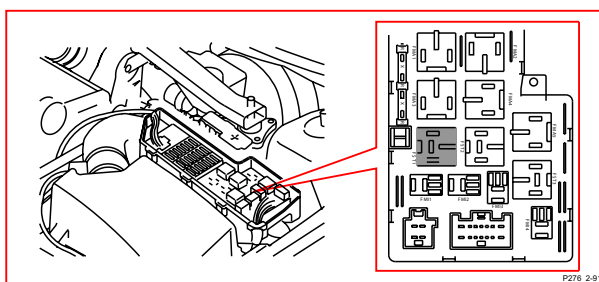
2/90 Relay, windshield wiper, low/high speed



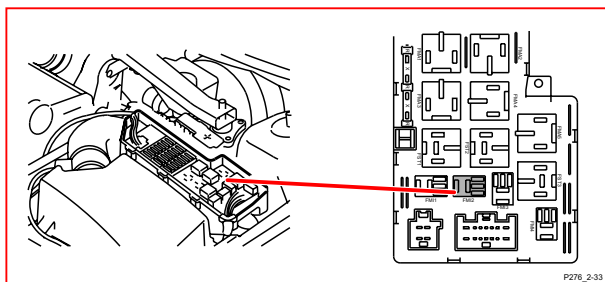
2/32 Engine management system main relay



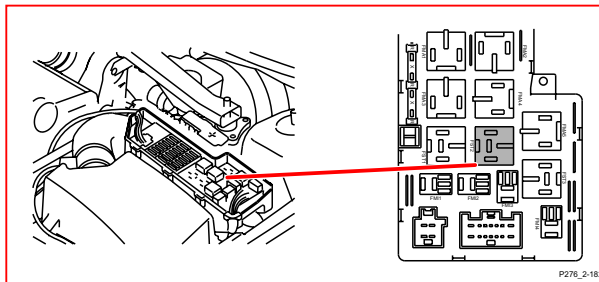
2/91 Relay, intermittent wiping



2/33 Relay, fuel system



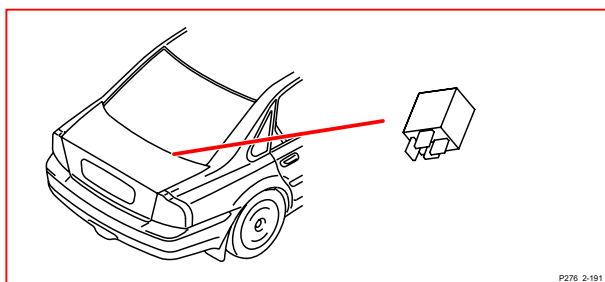
2/182 Relay, high pressure headlight washer motor



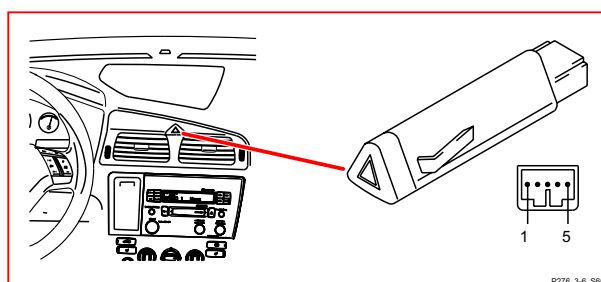
Component illustrations

2/191 - 3/10

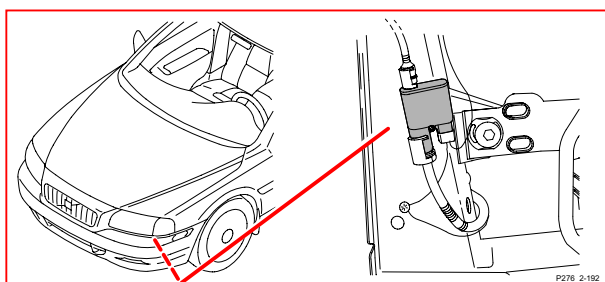
2/191 Relay, remote parking heater start, radio signal



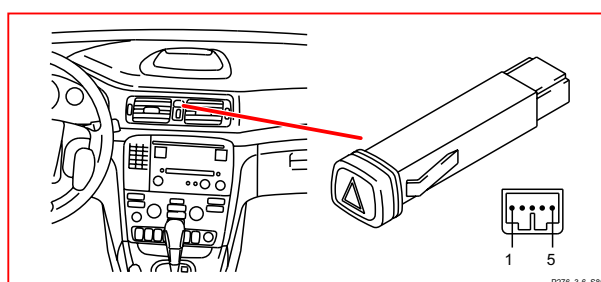
3/6 Hazard warning flasher switch S60



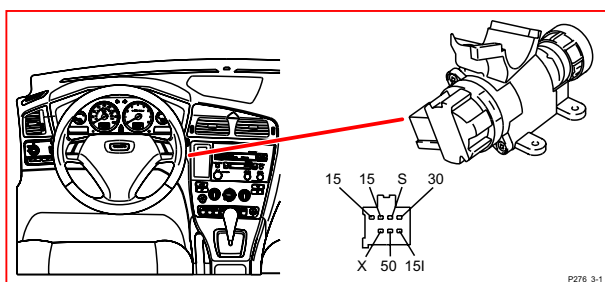
2/192 Relay (230 V), engine heater



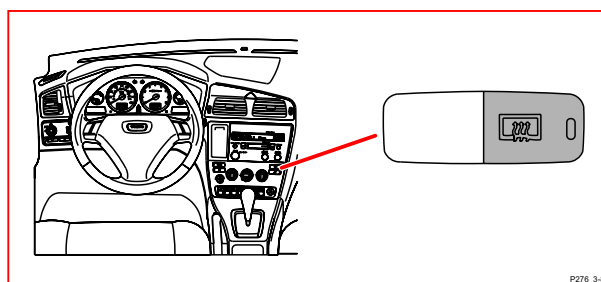
3/6 Hazard warning flasher switch S80



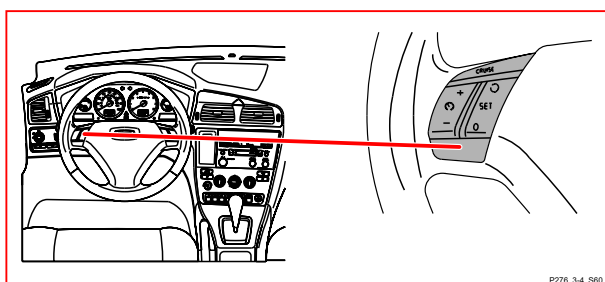
3/1 Ignition switch



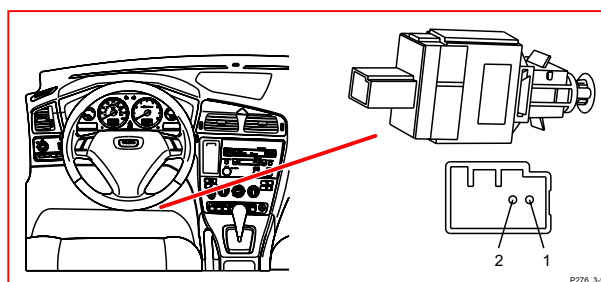
3/8 Heated rear window/door mirror switch



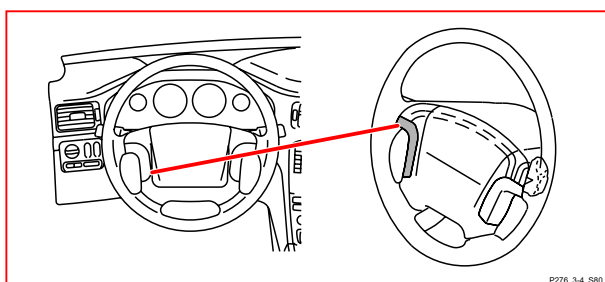
3/4 Switch unit, cruise control (SWS), S60



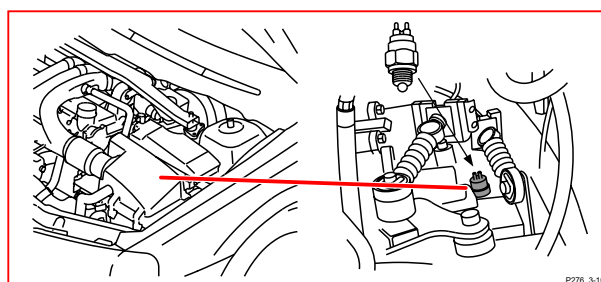
3/9 Brake light contact



3/4 Switch unit, cruise control (SWS), S80



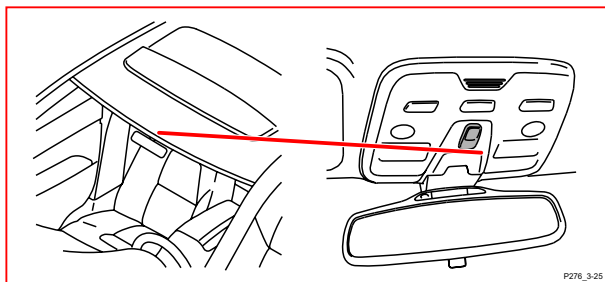
3/10 Reversing light contact



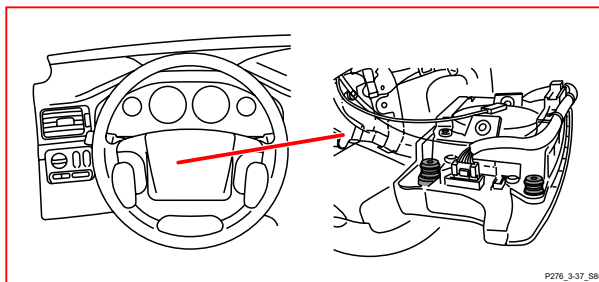
Component illustrations

3/25 - 3/62

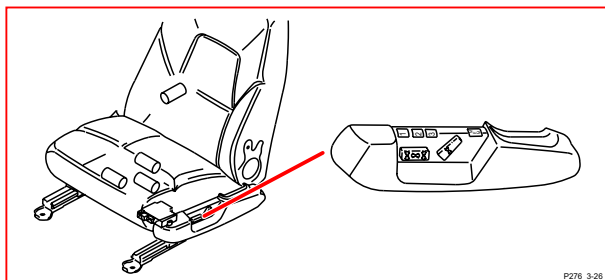
3/25 Power sunroof switch



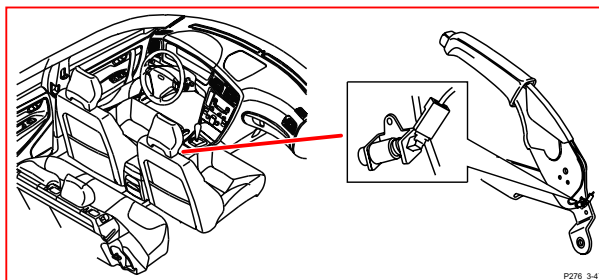
3/37 Horn contact, S80



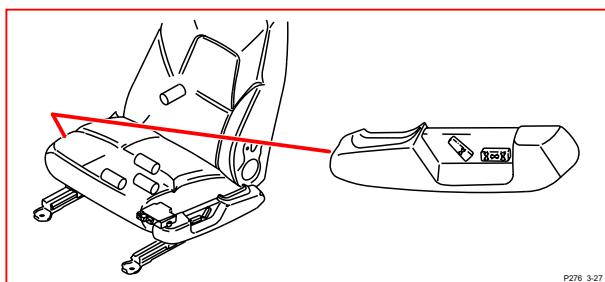
3/26 Switch unit, power driver's seat



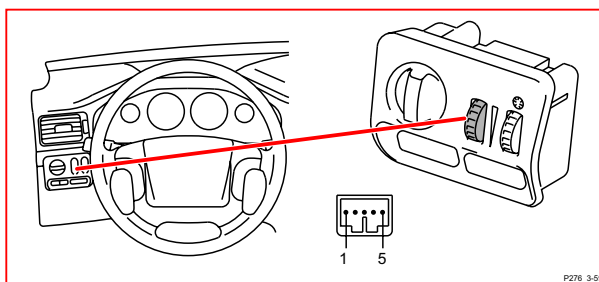
3/47 Parking brake contact



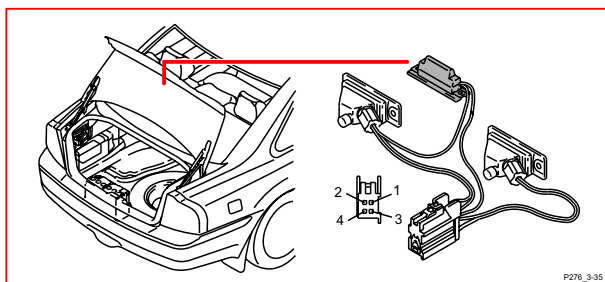
3/27 Switch unit, power passenger seat



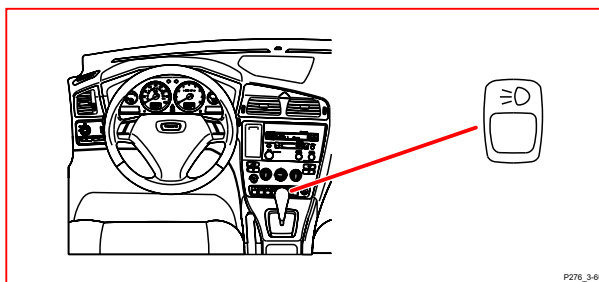
3/59 Control, beam adjustment



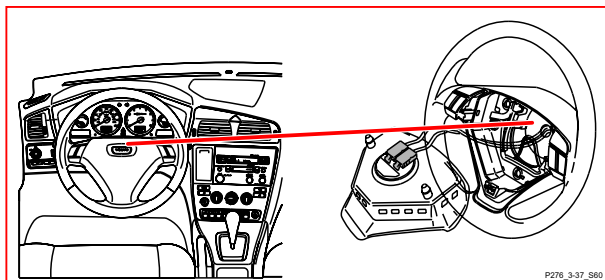
3/35 Trunk handle switch



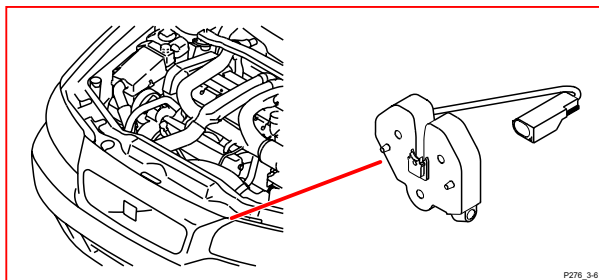
3/60 Auxiliary light switch



3/37 Horn contact, S60



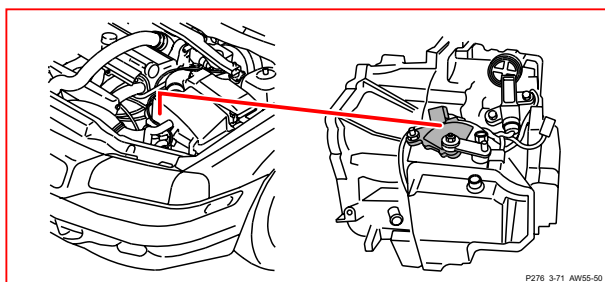
3/62 Hood alarm contact



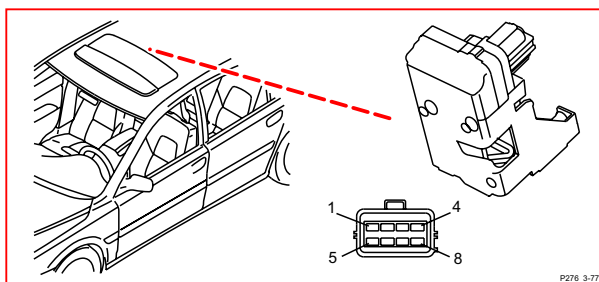
Component illustrations

3/71 - 3/85

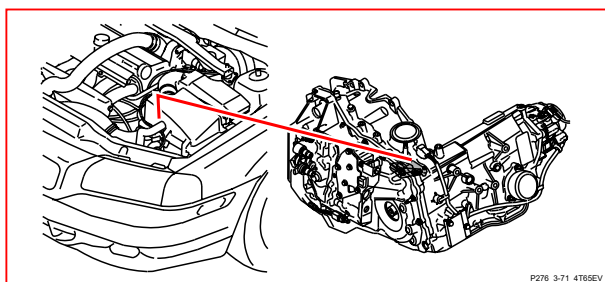
3/71 Gear selector contact, AW 55-50/51



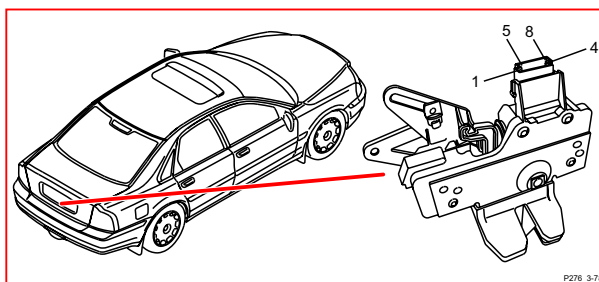
3/77 Right-hand rear door lock unit



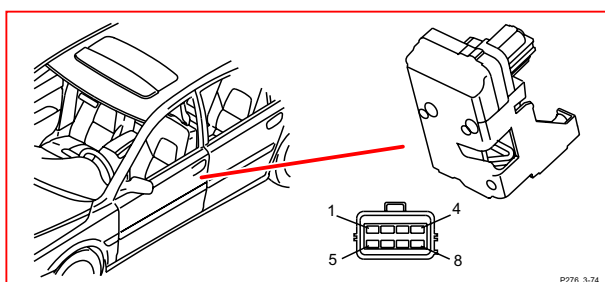
3/71 Gear selector contact, 4T65EV



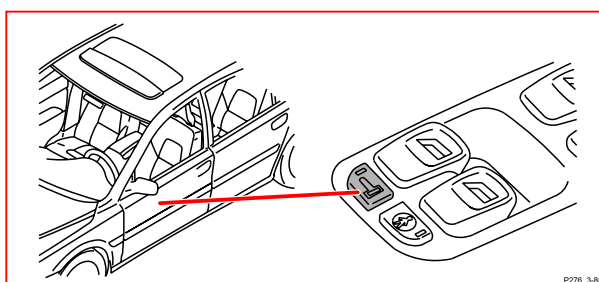
3/78 Trunk lid lock unit



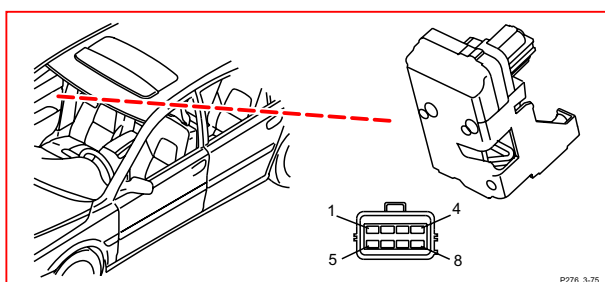
3/74 Lock unit, front left door



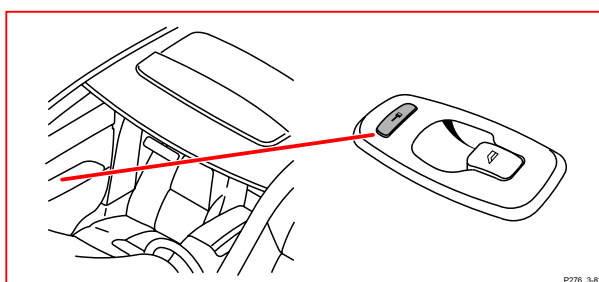
3/80 Switch, left-hand central lock



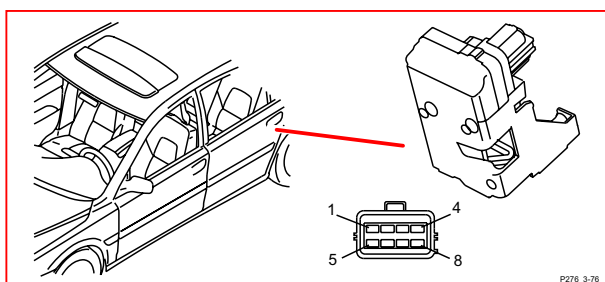
3/75 Right-hand front door lock unit



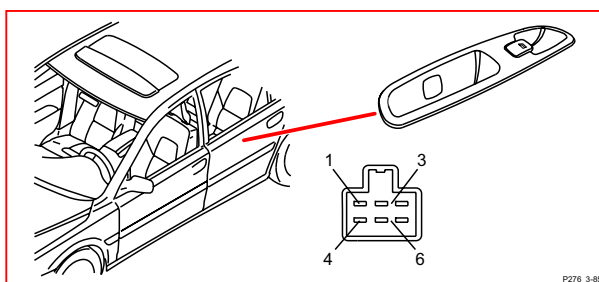
3/82 Switch, right-hand central lock



3/76 Left-hand rear door lock unit



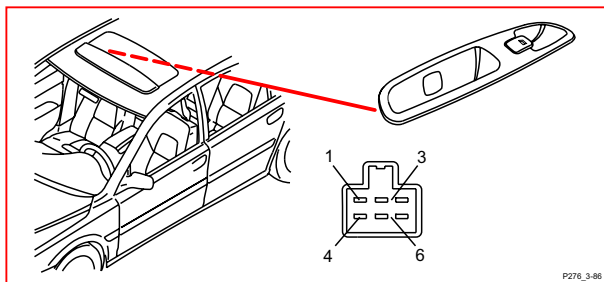
3/85 Rear left door power window switch



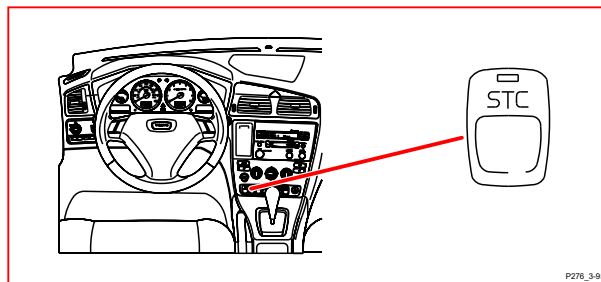
Component illustrations

3/86 - 3/117

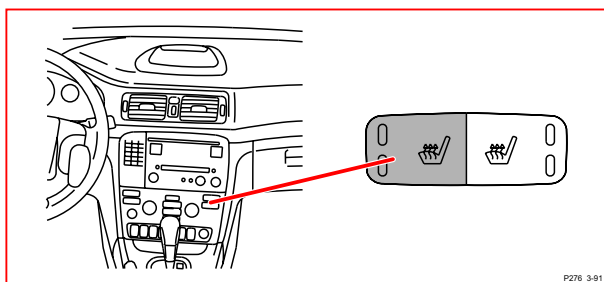
3/86 Rear right door power window switch



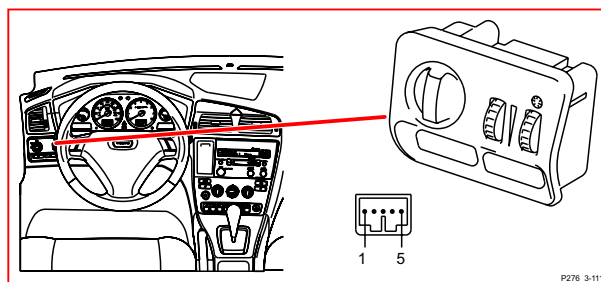
3/95 Spin control switch



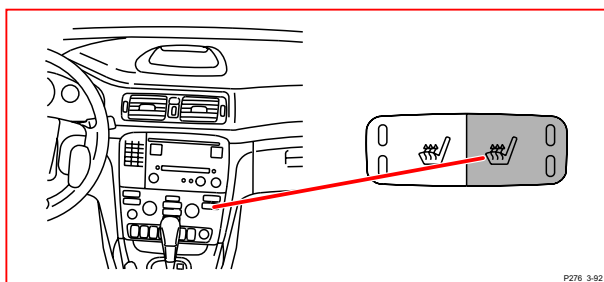
3/91 Switch, left-hand heated seat



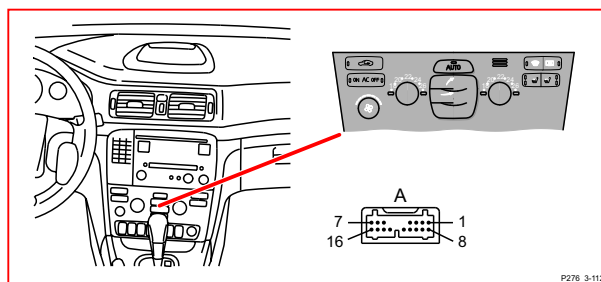
3/111 Switch unit, lights



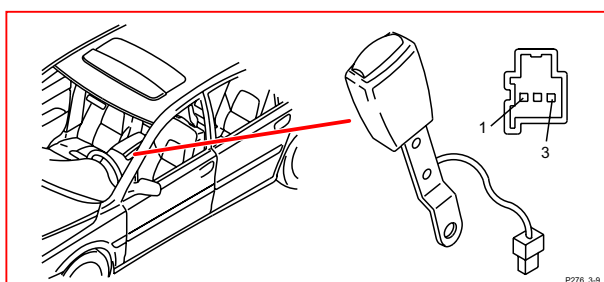
3/92 Switch, right-hand heated seat



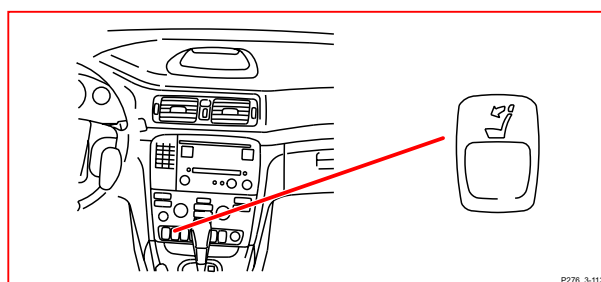
3/112 Climate Control Module (CCM)



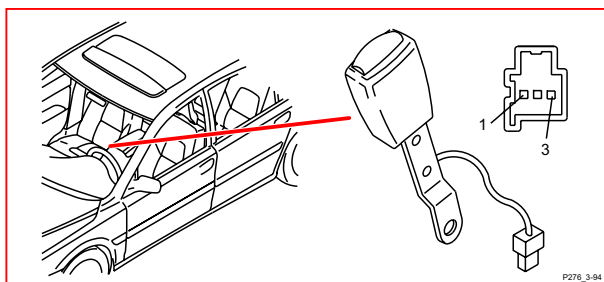
3/93 Switch, left-hand seat belt buckle



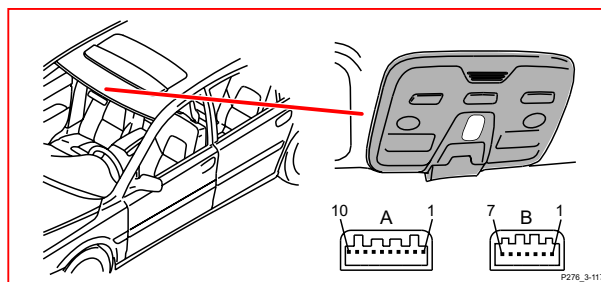
3/113 Rear adjustable head restraint relay



3/94 Switch, right-hand seat belt buckle



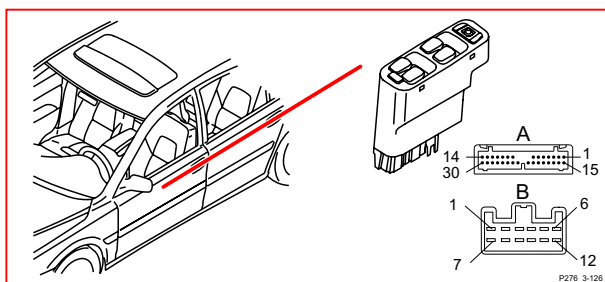
3/117 Switch unit, dome light



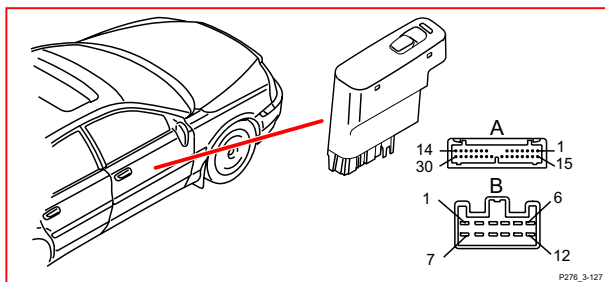
Component illustrations

3/126 - 3/171

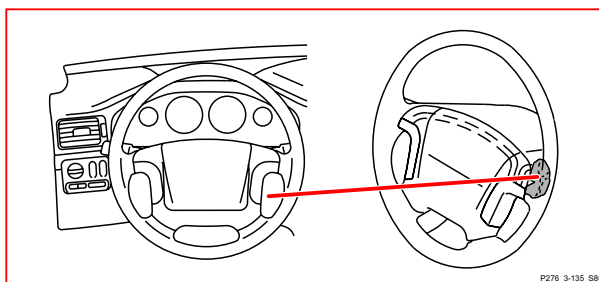
3/126 Driver/Passenger Door Module (DDM)/(PDM)



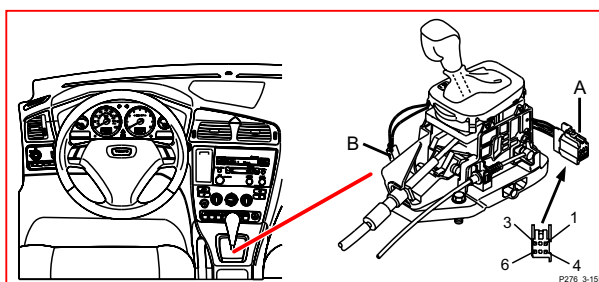
3/127 Passenger/Driver Door Module (PDM)/(DDM)



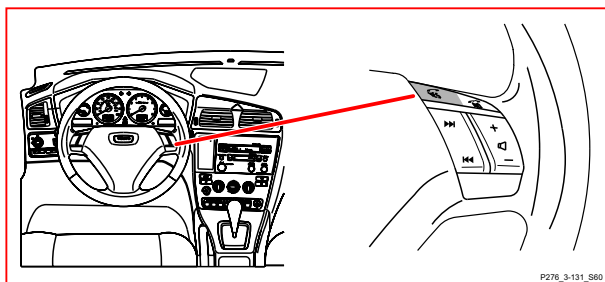
3/135 Switch, RTI, S80



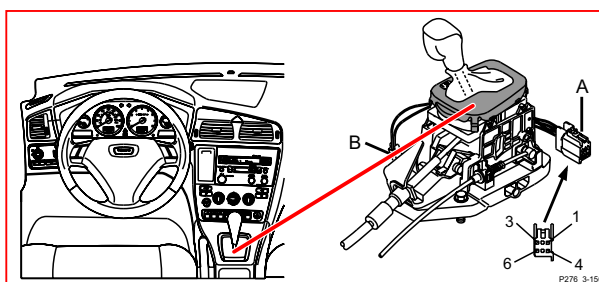
3/155 Automatic transmission program selector



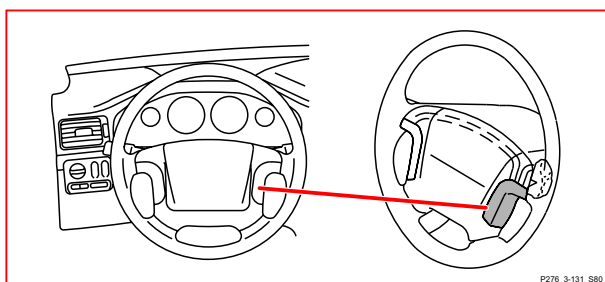
3/131 Switch, audio/cellular phone, S60



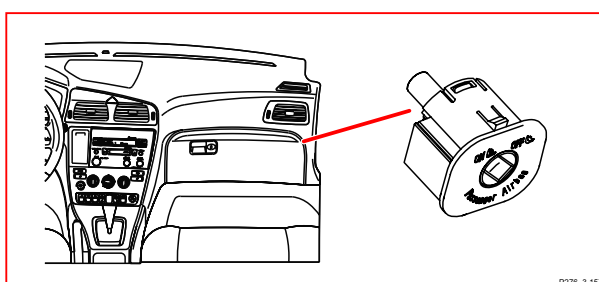
3/156 Gear Selector Module (GSM)



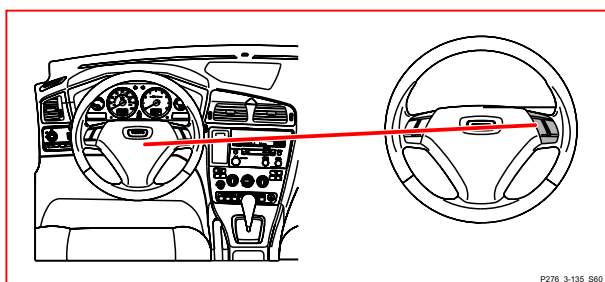
3/131 Switch, audio/cellular phone, S80



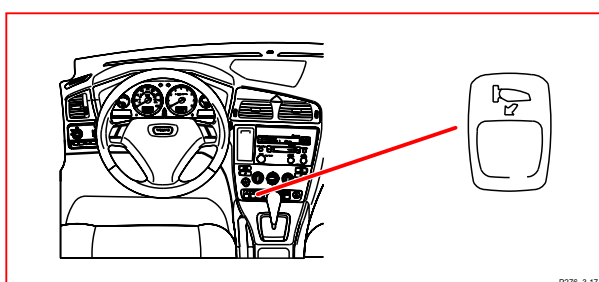
3/157 Switch, passenger side airbag



3/135 Switch, RTI, S60



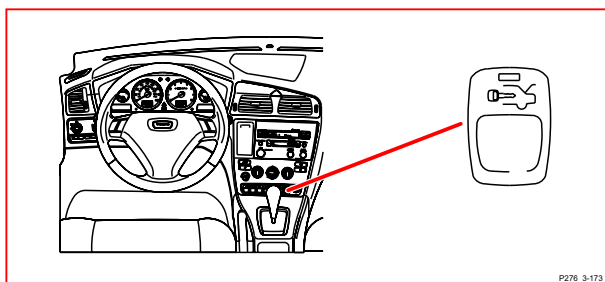
3/171 Switch, retractable door mirrors



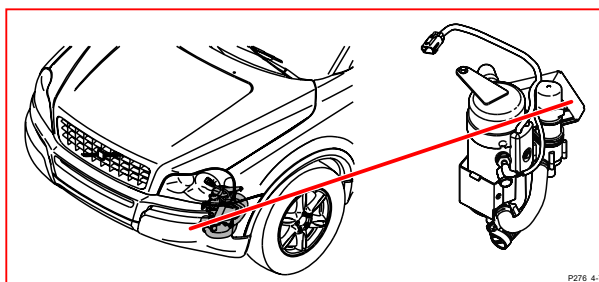
Component illustrations

3/173 - 4/31

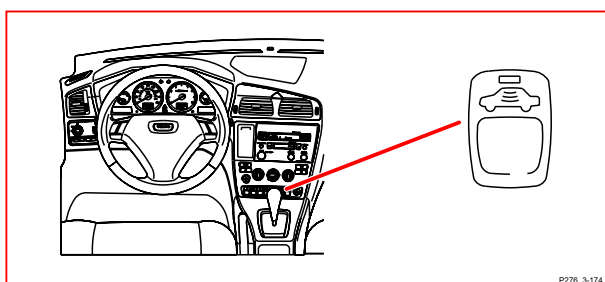
3/173 Switch, trunk lid private lock



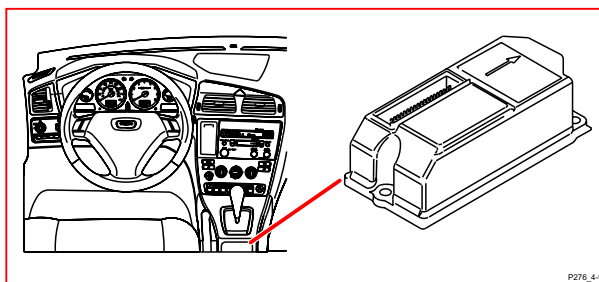
4/7 Combustion Preheater Module (CPM)



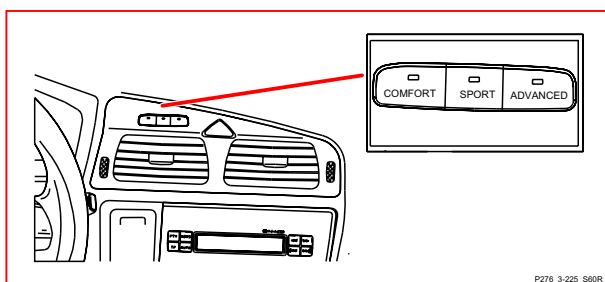
3/174 Switch, reduced alarm



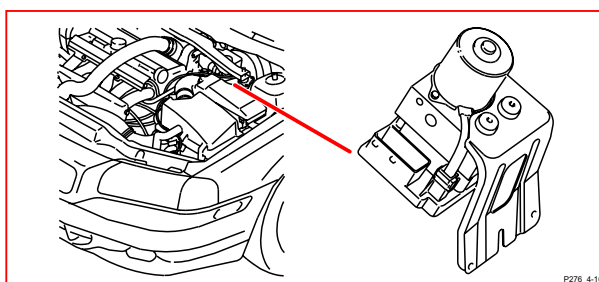
4/9 Control module, Supplemental Restraint System (SRS)



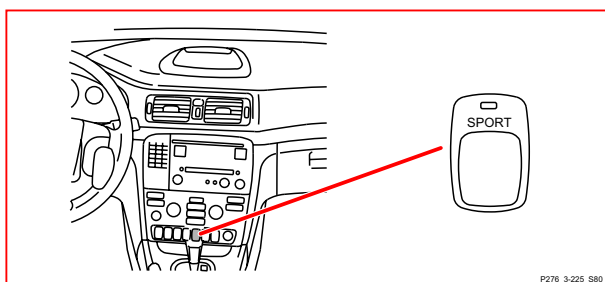
3/225 Switch unit, Continuously Controlled Damping (CCD), S60R



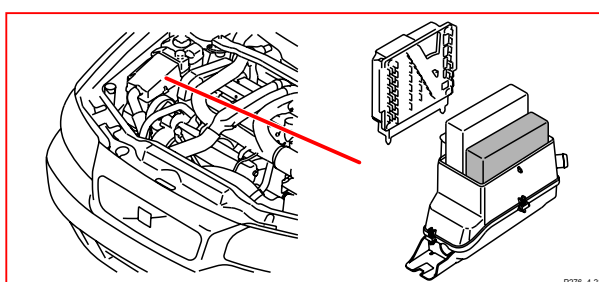
4/16 Brake control module (BCM)



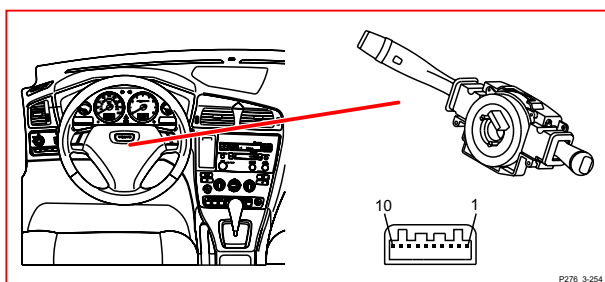
3/225 Switch unit, Continuously Controlled Damping (CCD), S80



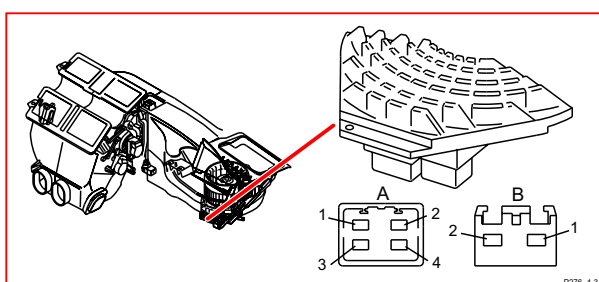
4/28 Transmission Control Module (TCM)



3/254 Steering Wheel Module (SWM)



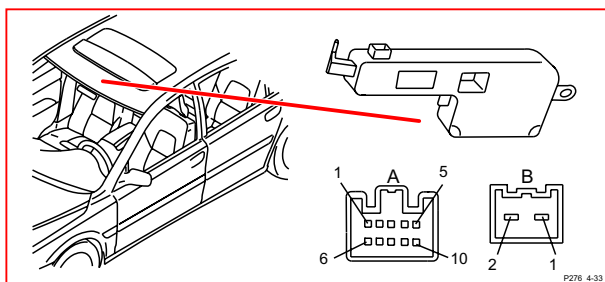
4/31 Fan control module



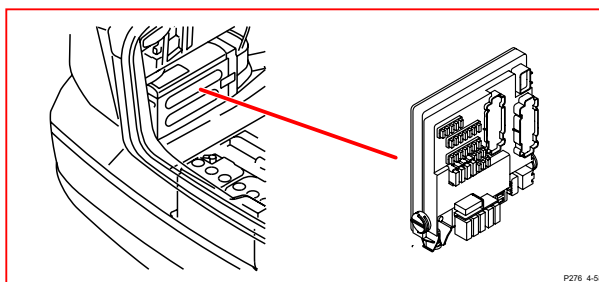
Component illustrations

4/33 - 4/76

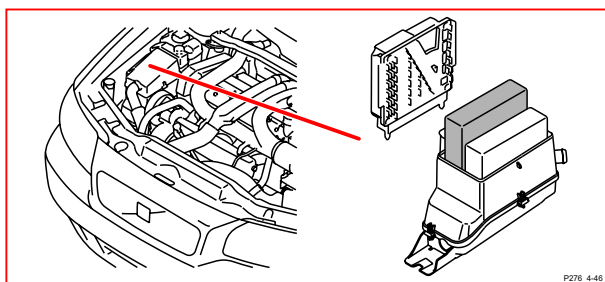
4/33 Sunroof control module



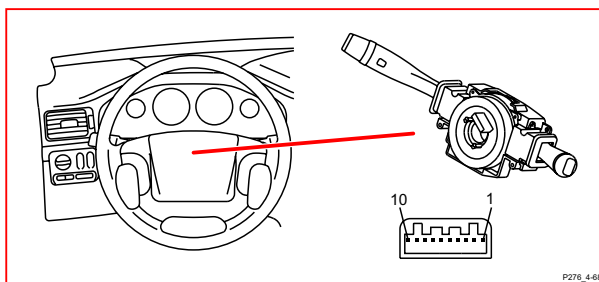
4/58 Rear Electronic Module (REM)



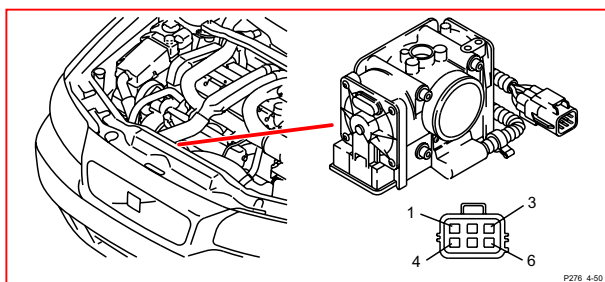
4/46 Engine Control Module (ECM)



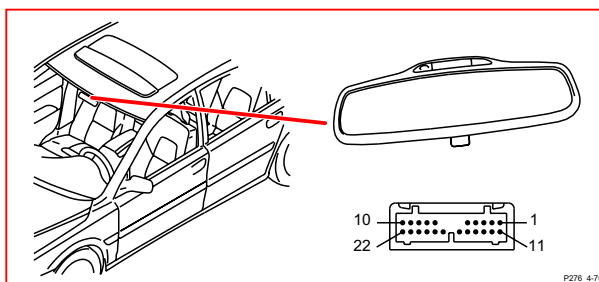
4/68 Steering Angle Sensor Module (SAS)



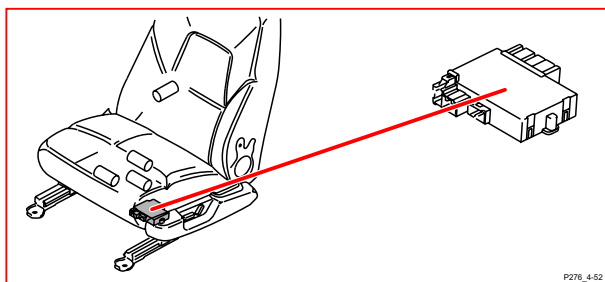
4/50 Electronic Throttle Module (ETM)



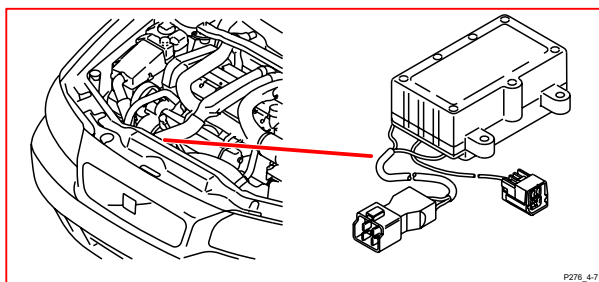
4/70 Upper Electronic Module (UEM)



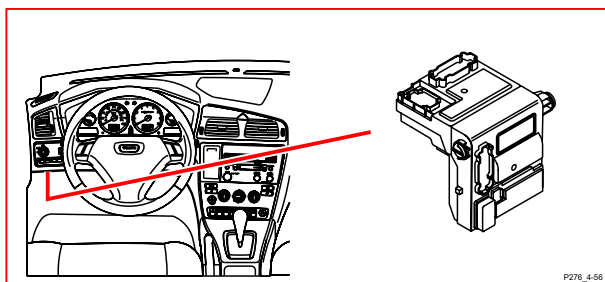
4/52 Power Seat Module (PSM)



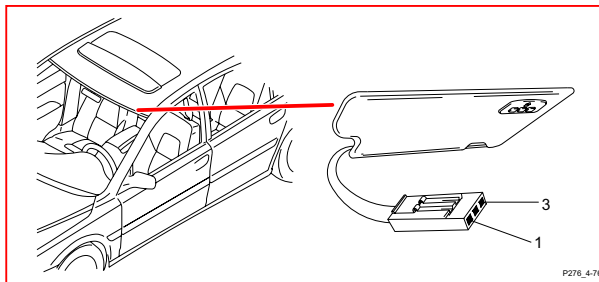
4/71 Cooling fan control module



4/56 Central Electronic Module (CEM)



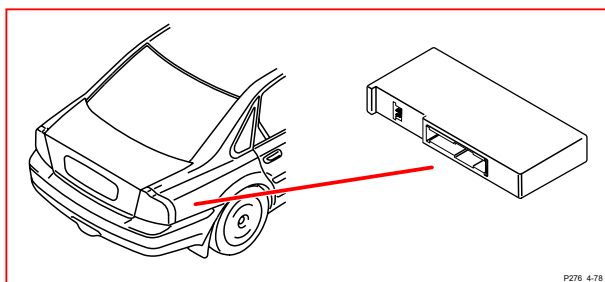
4/76 Remote control unit for garage door opener



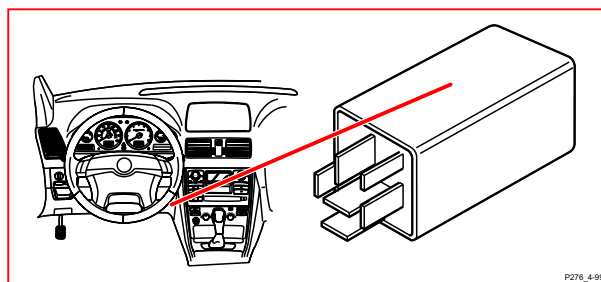
Component illustrations

4/78 - 5/1

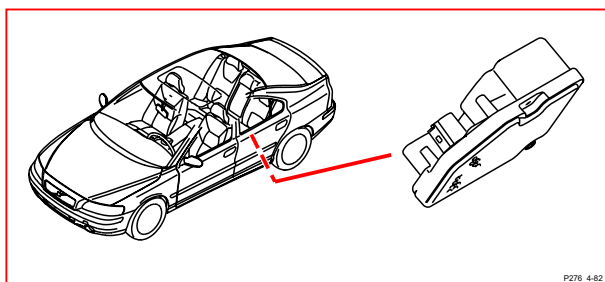
4/78 Accessory Electronic Module (AEM)



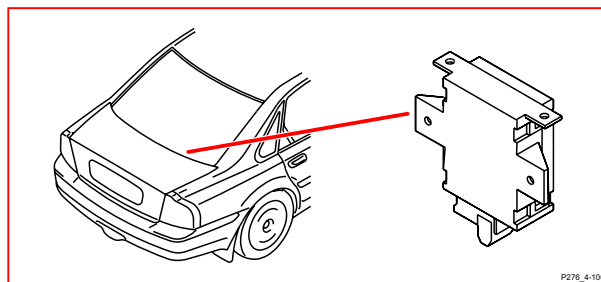
4/99 Electronic power steering control module



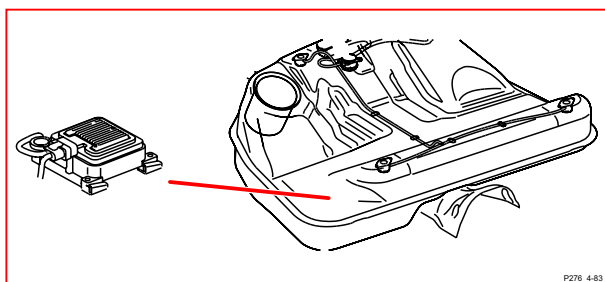
4/82 Differential Electronic Module (DEM)



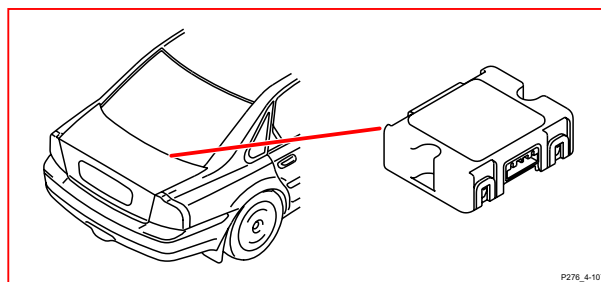
4/106 Control module, remote parking heater start



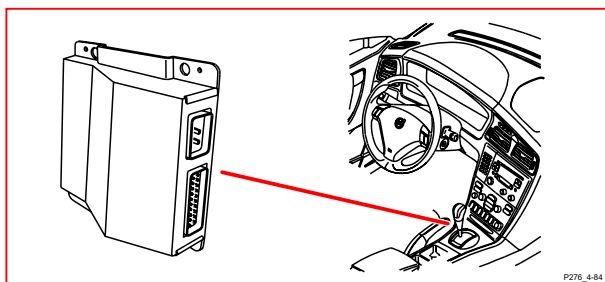
4/83 Fuel pump control module



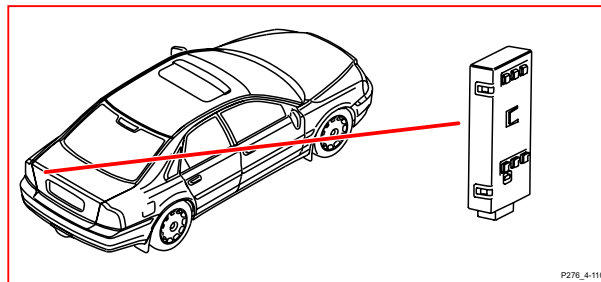
4/107 Control module, parking heater, Call start



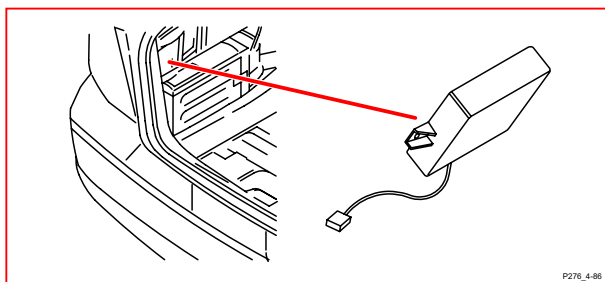
4/84 Suspension Module (SUM)



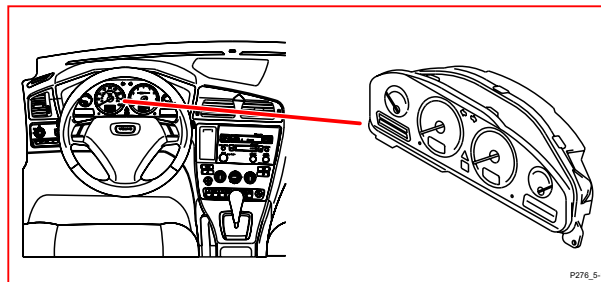
4/110 Trailer Module (TRM)



4/86 Parking Assistance Module (PAM)



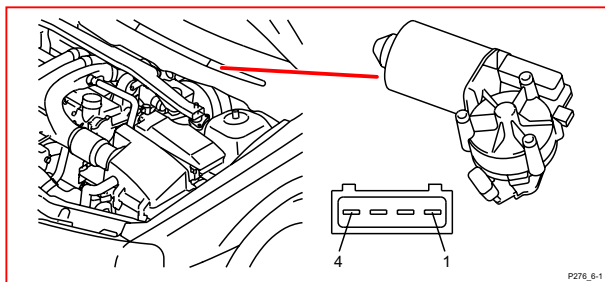
5/1 Driver Information Module (DIM)



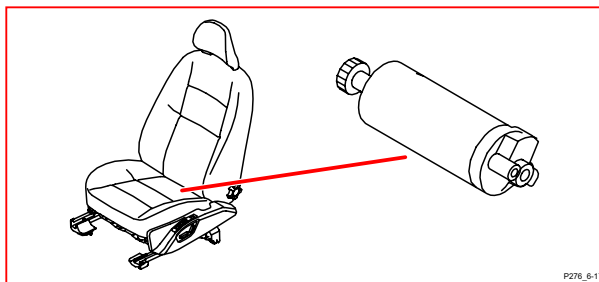
Component illustrations

6/1 - 6/25

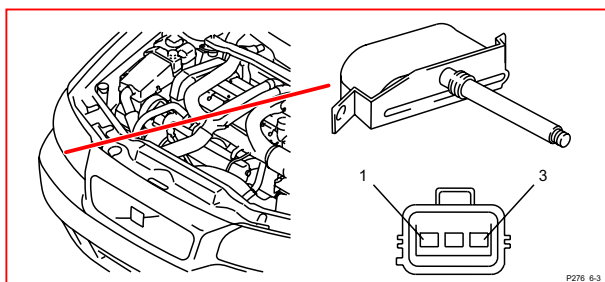
6/1 Windshield wiper motor



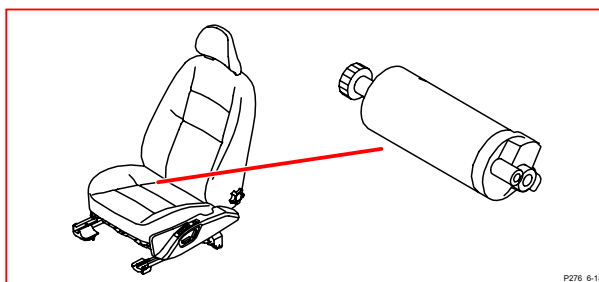
6/17 Driver seat motor, up/down front edge



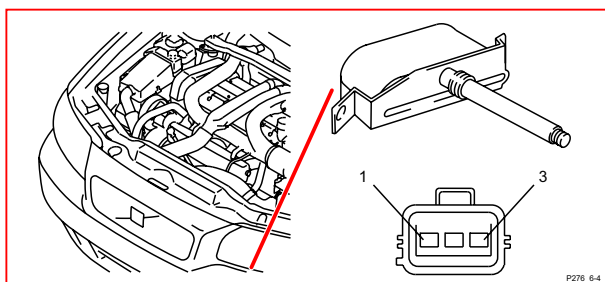
6/3 Right-hand headlight wiper motor



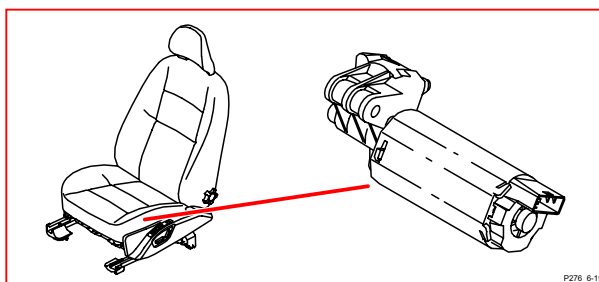
6/18 Driver seat motor, up/down rear edge



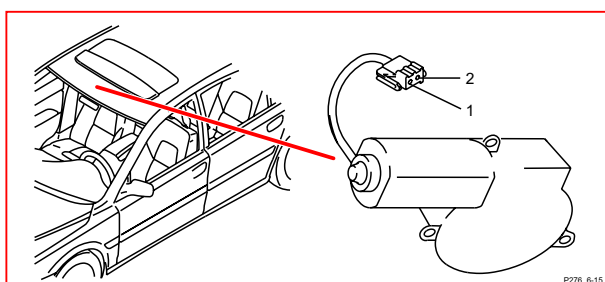
6/4 Left-hand headlight wiper motor



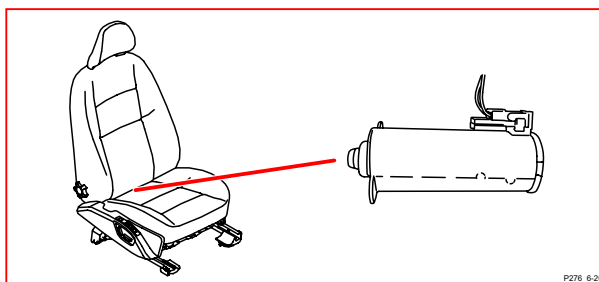
6/19 Driver seat motor, forward/backward



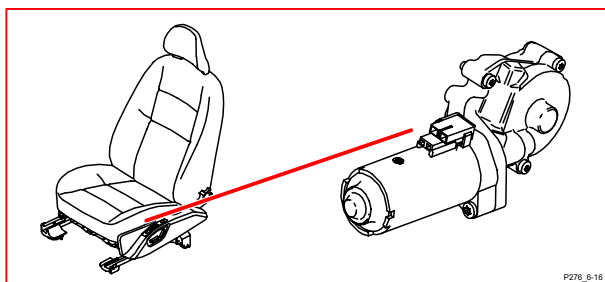
6/15 Sunroof motor



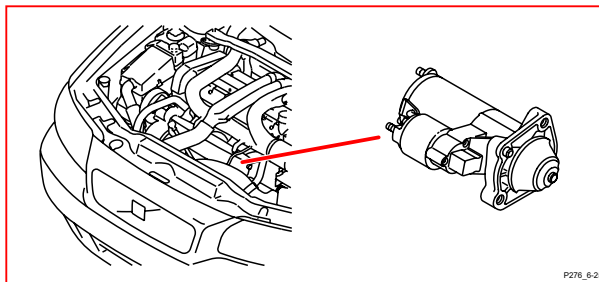
6/20 Passenger seat motor, forward/backward



6/16 Driver seat motor, backrest angle



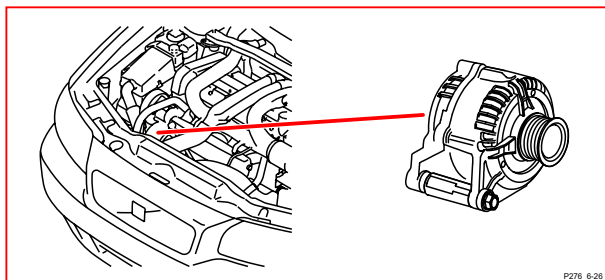
6/25 Starter motor



Component illustrations

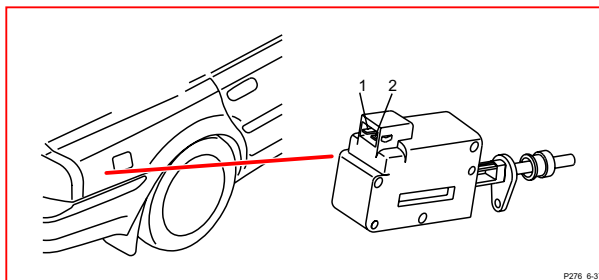
6/26 - 6/48

6/26 Alternator Control Module (ACM)



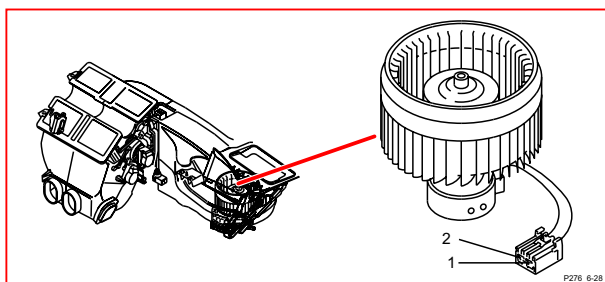
P276_6-26

6/37 Lock motor, fuel filler flap



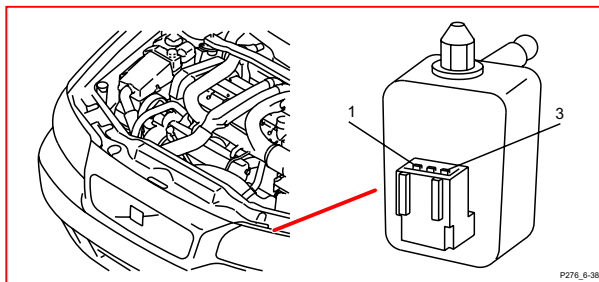
P276_6-37

6/28 Motor, passenger compartment fan



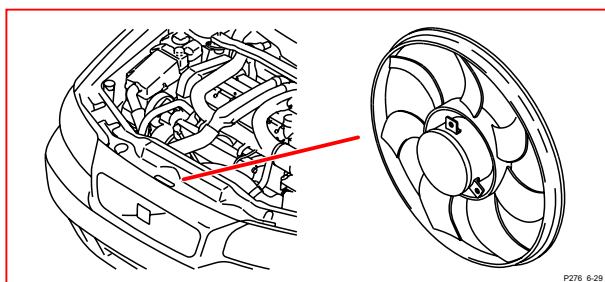
P276_6-28

6/38 Left-hand headlight level adjustment motor



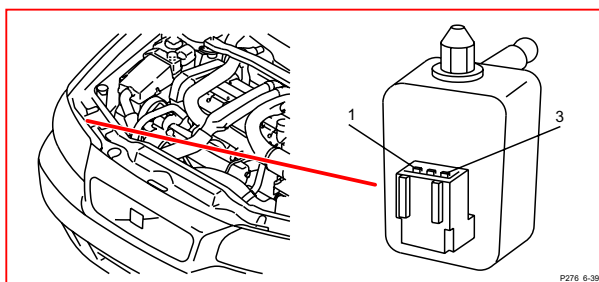
P276_6-38

6/29 Motor, electric cooling fan



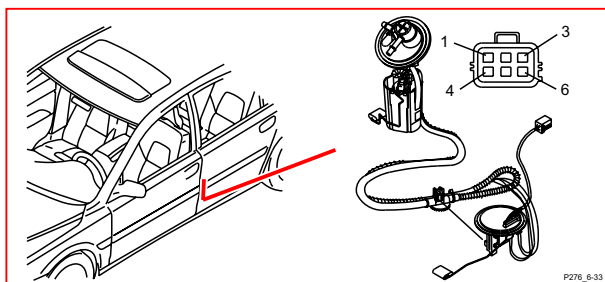
P276_6-29

6/39 Right-hand headlight adjustment motor



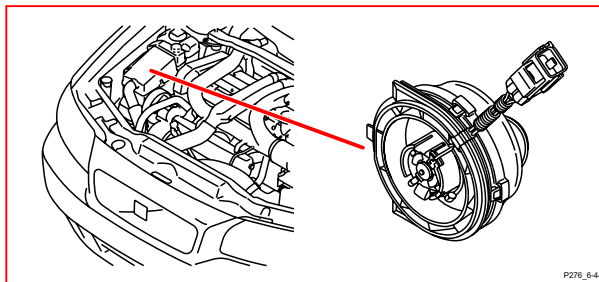
P276_6-39

6/33 Fuel pump



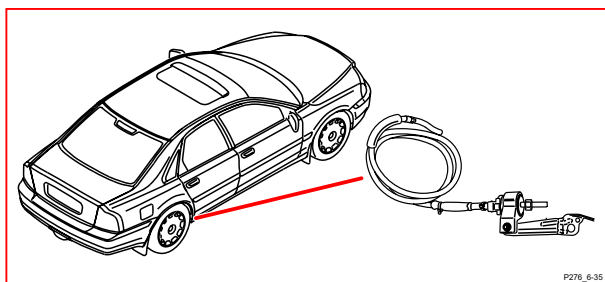
P276_6-33

6/44 Cooling fan, electrics box, engine compartment



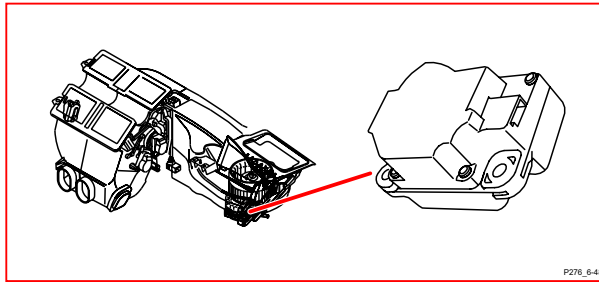
P276_6-44

6/35 Fuel pump, auxiliary heater



P276_6-35

6/48 Damper Motor Module (DMM), recirculation

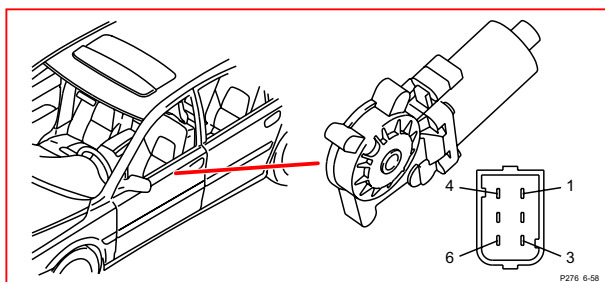


P276_6-48

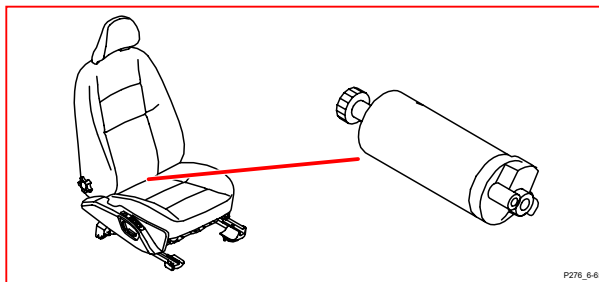
Component illustrations

6/58 - 6/73

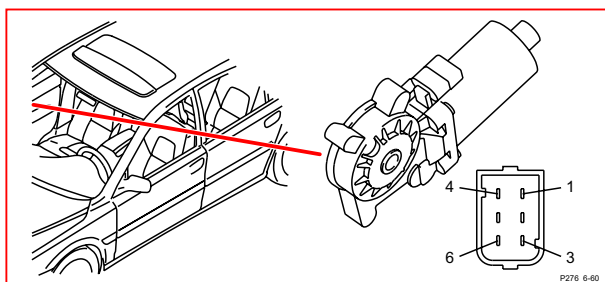
6/58 Motor, front left power window



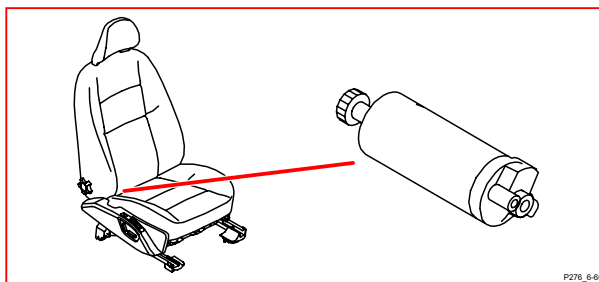
6/65 Passenger seat motor, up/down front edge



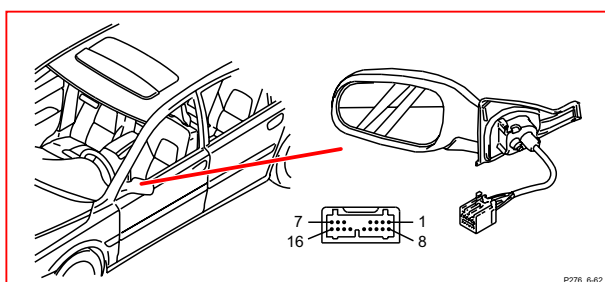
6/60 Motor, front right power window



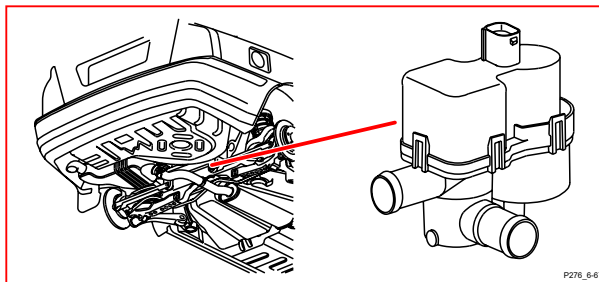
6/66 Passenger seat motor, up/down rear edge



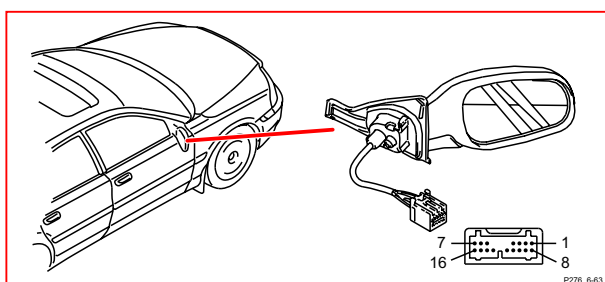
6/62 Power driver's door mirror



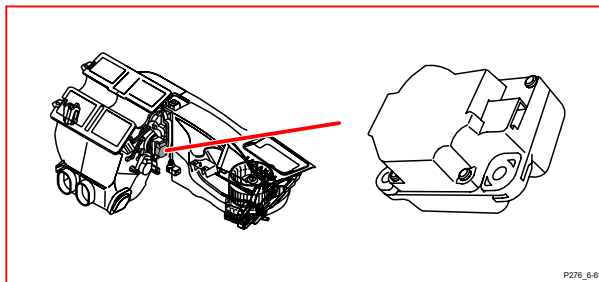
6/67 Pump, fuel leakage control



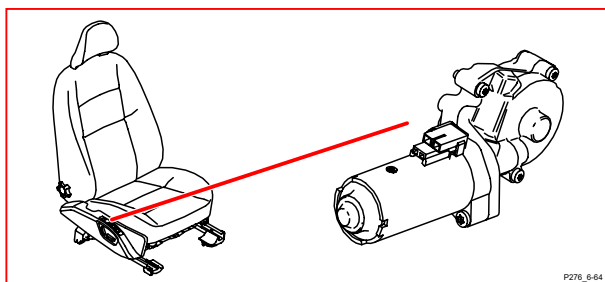
6/63 Power passenger door mirror



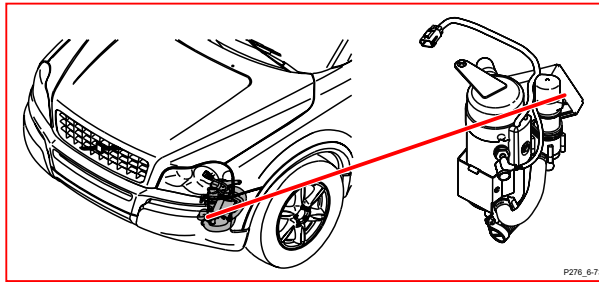
6/69 Damper Motor Module (DMM)



6/64 Passenger seat motor, backrest angle



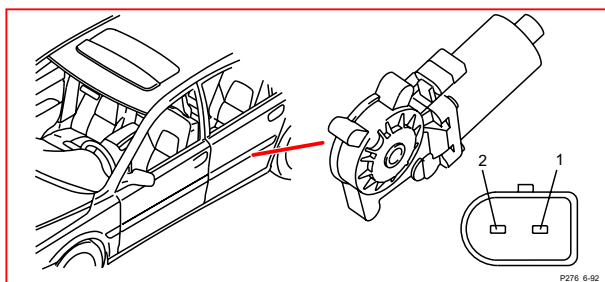
6/73 Coolant pump, auxiliary heater



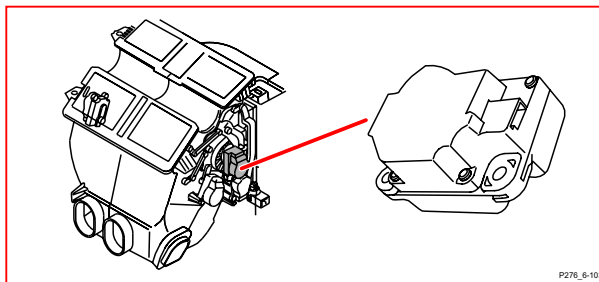
Component illustrations

6/92 - 6/120

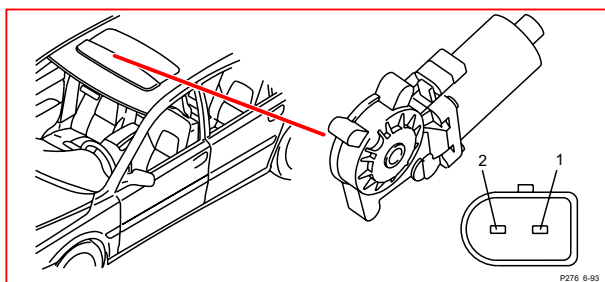
6/92 Motor, rear left power window



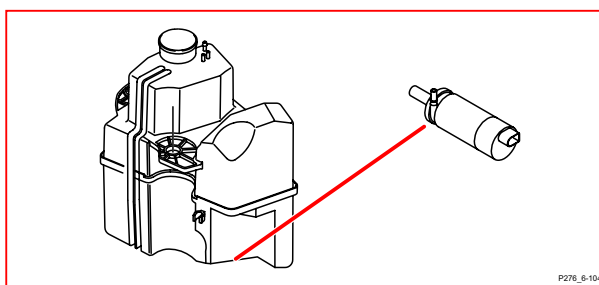
6/103 Damper Motor Module (DMM), floor/ventilation



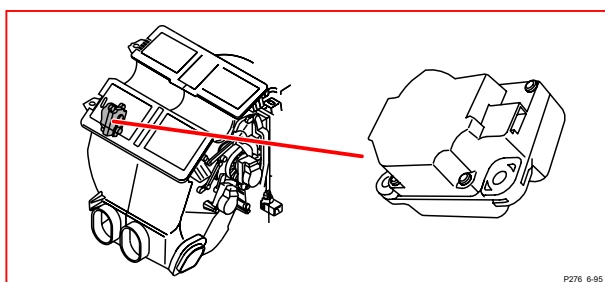
6/93 Motor, rear right power window



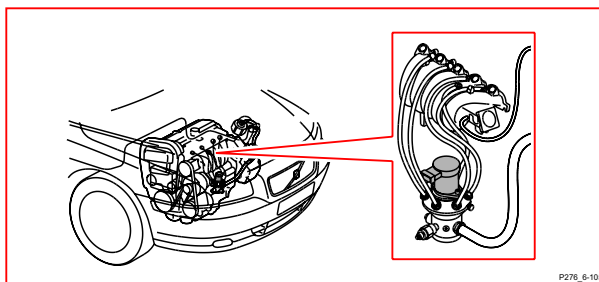
6/104 High pressure headlight washer motor



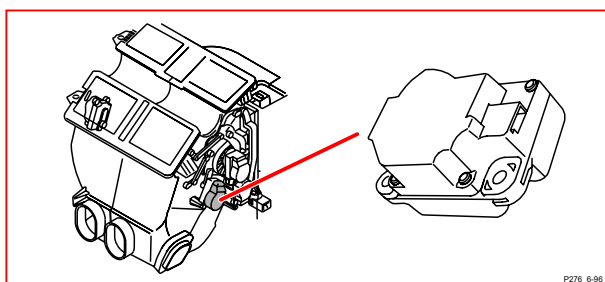
6/95 Damper Motor Module (DMM), left-hand side



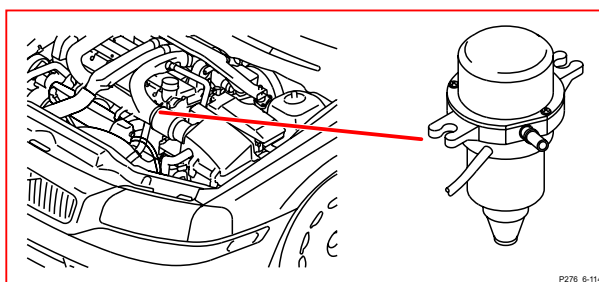
6/105 Fuel distributor, gas



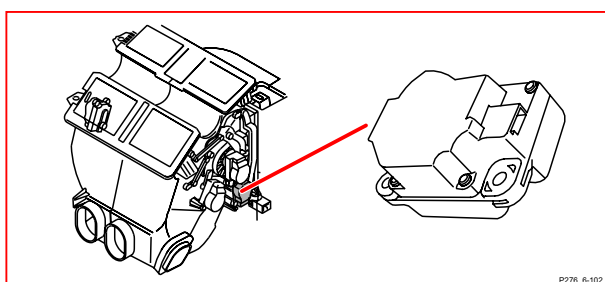
6/96 Damper Motor Module (DMM), right-hand side



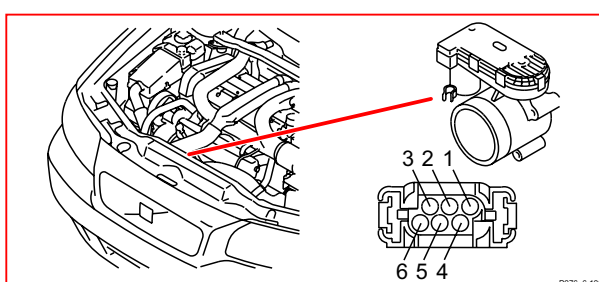
6/114 Vacuum pump



6/102 Damper Motor Module (DMM), defroster



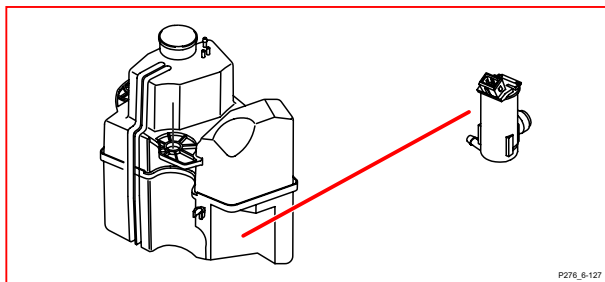
6/120 Engine throttle body



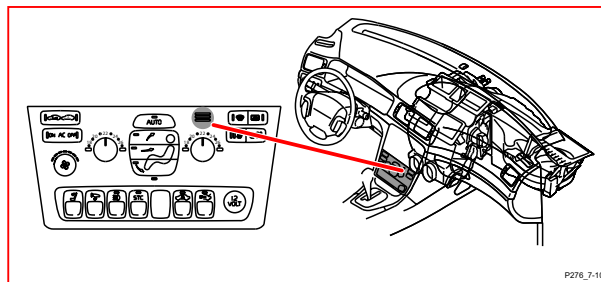
Component illustrations

6/127 - 7/16

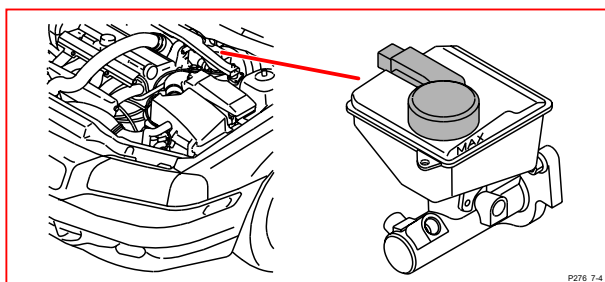
6/127 Washer motor



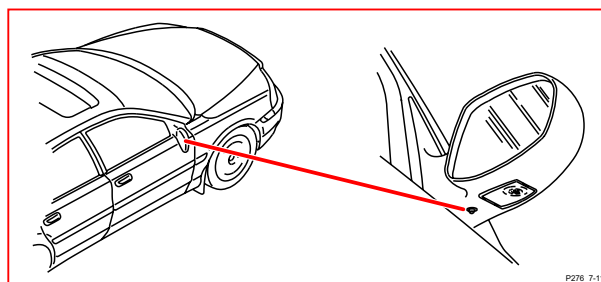
7/10 Interior temperature sensor



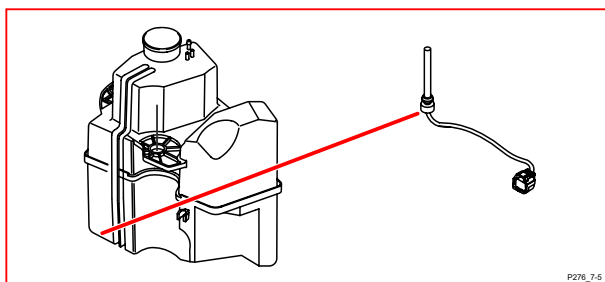
7/4 Brake fluid level sensor



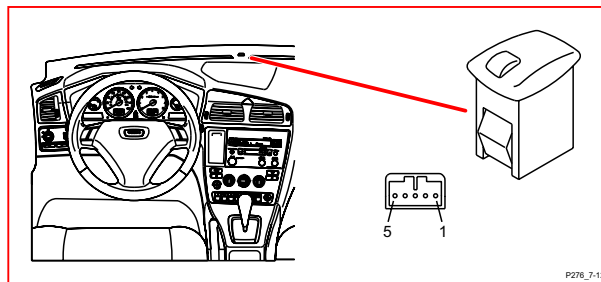
7/11 Outside temperature sensor



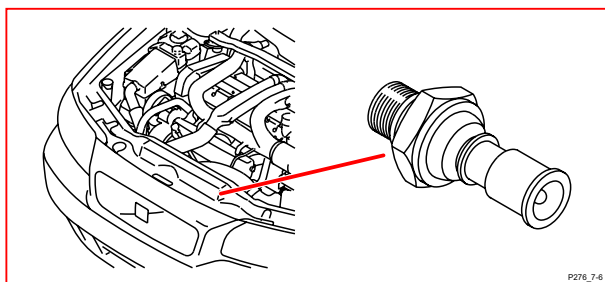
7/5 Washer fluid level sensor



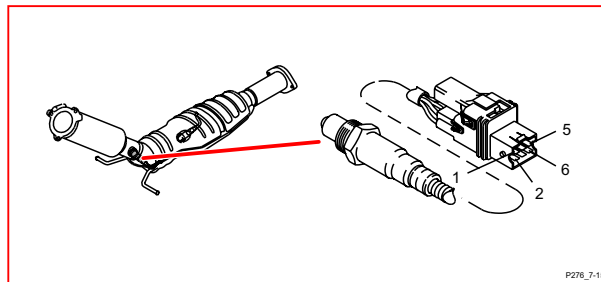
7/12 Solar sensor, twilight sensor and indicator alarm



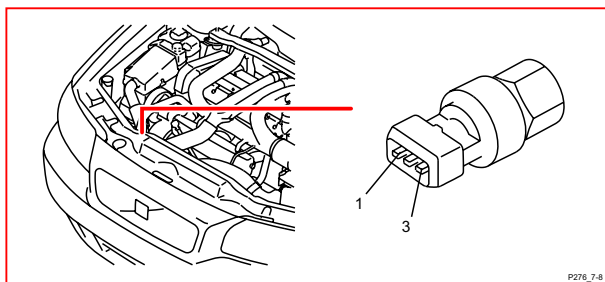
7/6 Oil pressure sensor



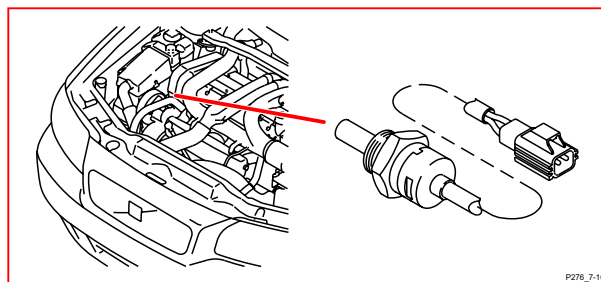
7/15 Heated oxygen sensor, front



7/8 Pressure sensor, climate control system



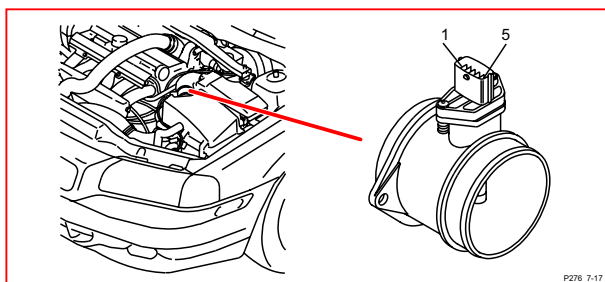
7/16 Coolant temperature sensor



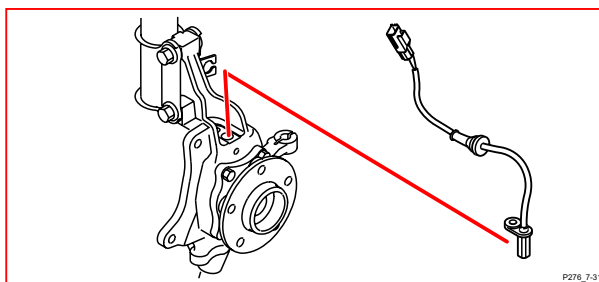
Component illustrations

7/17 - 7/51

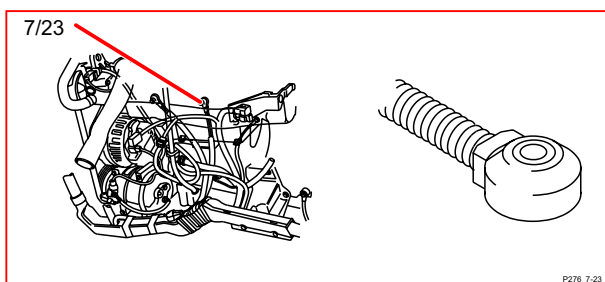
7/17 Mass airflow sensor (MAF)



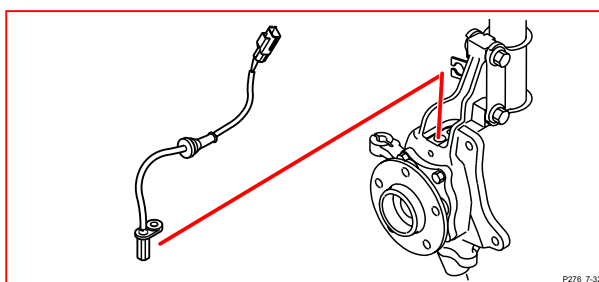
7/31 Left-hand front ABS sensor



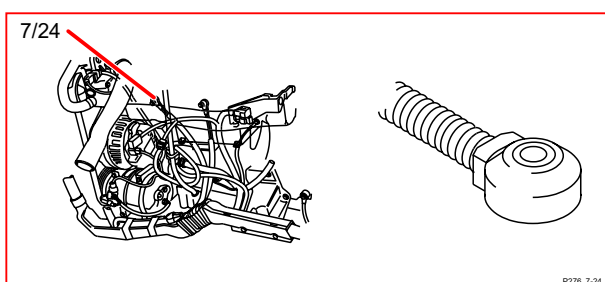
7/23 Rear knock sensor



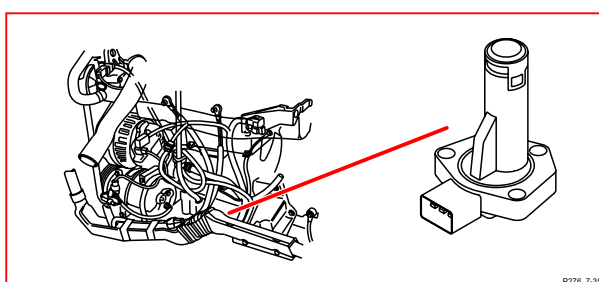
7/32 Right-hand front ABS sensor



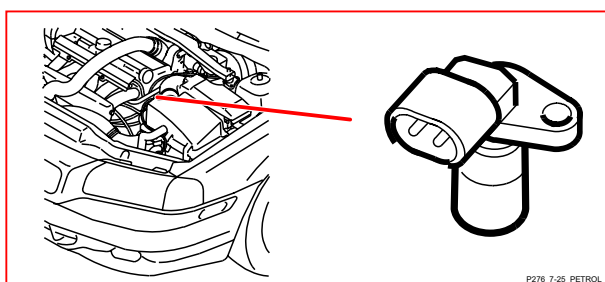
7/24 Front knock sensor



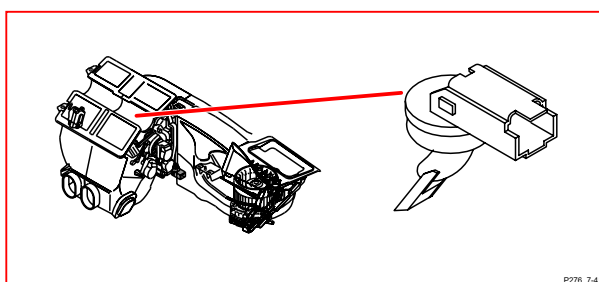
7/35 Oil level sensor



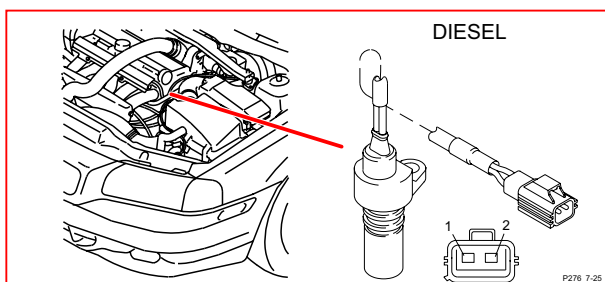
7/25 Impulse sensor, gasoline



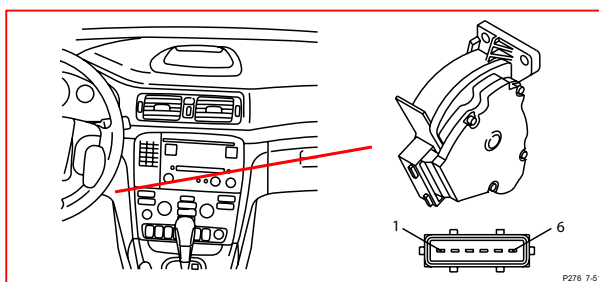
7/41 Temperature sensor, evaporator



7/25 Impulse sensor, diesel



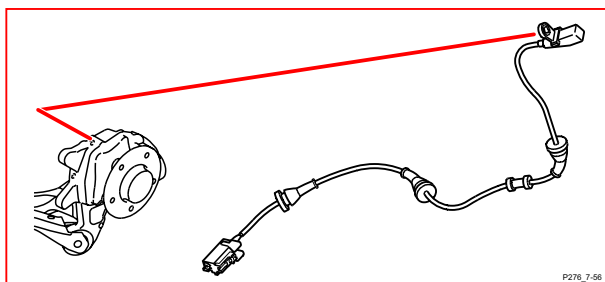
7/51 Accelerator pedal sensor



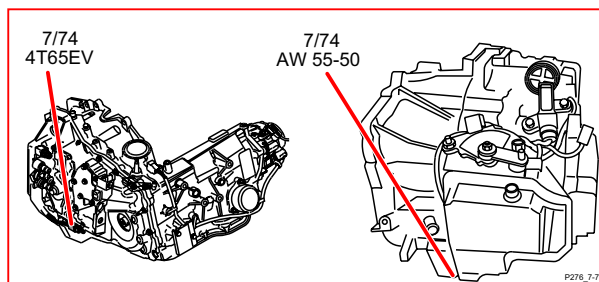
Component illustrations

7/56 - 7/88

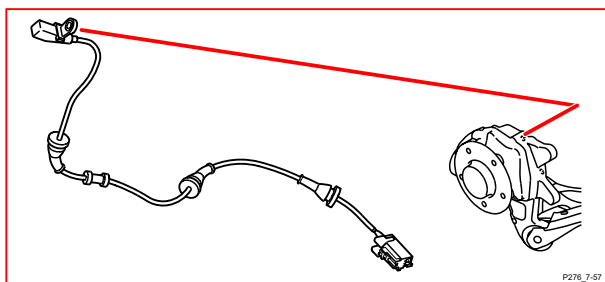
7/56 Left-hand rear ABS sensor



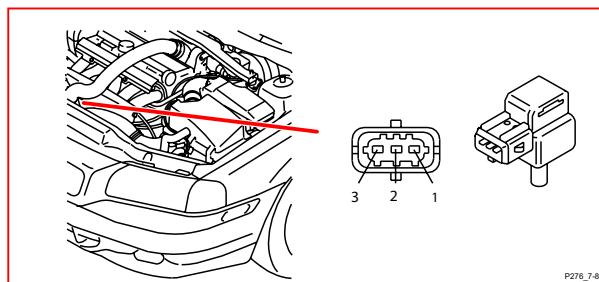
7/74 Oil temperature sensor, automatic transmission



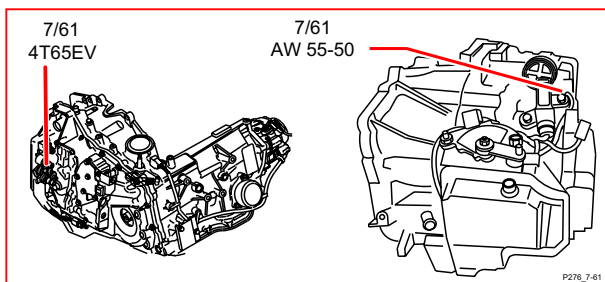
7/57 Right-hand rear ABS sensor



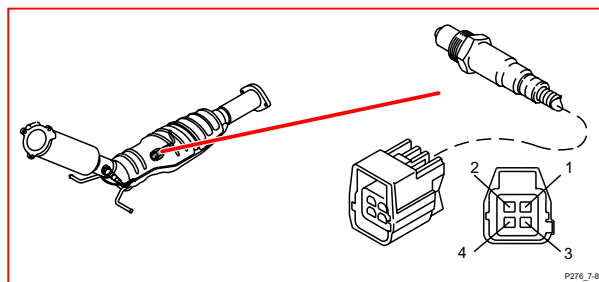
7/81 Pressure sensor, intake manifold



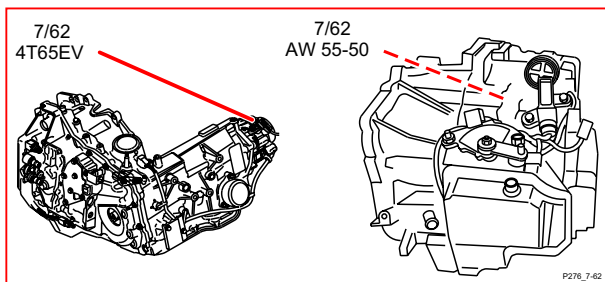
7/61 Input speed sensor



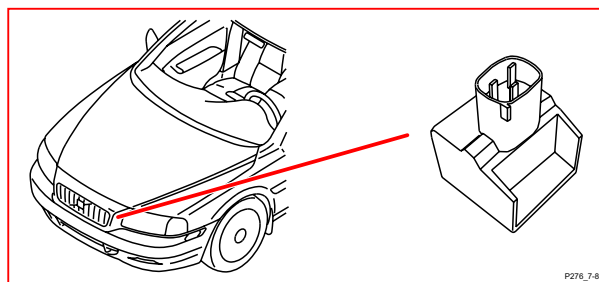
7/82 Heated oxygen sensor, rear



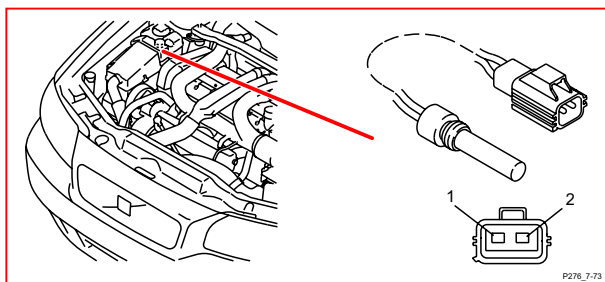
7/62 Output speed sensor



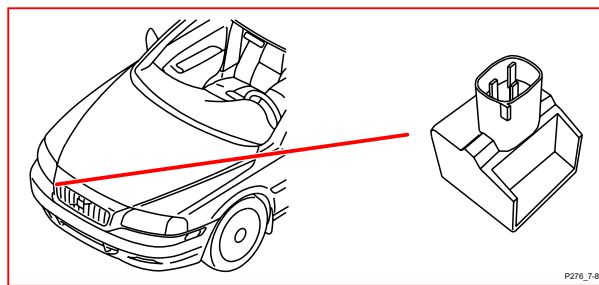
7/87 Acceleration sensor, Four-C, front left



7/73 Coolant level sensor



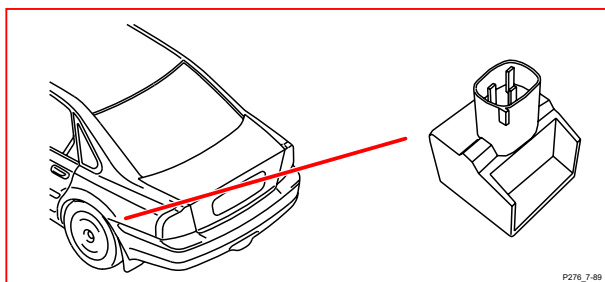
7/88 Acceleration sensor, Four-C, front right



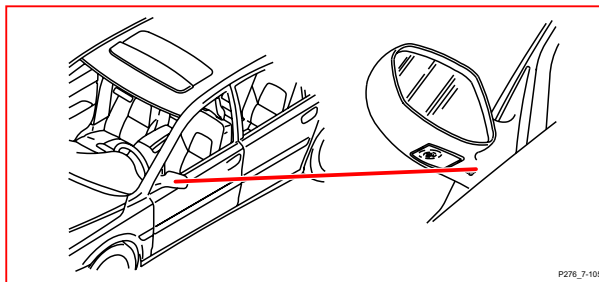
Component illustrations

7/89 - 7/111

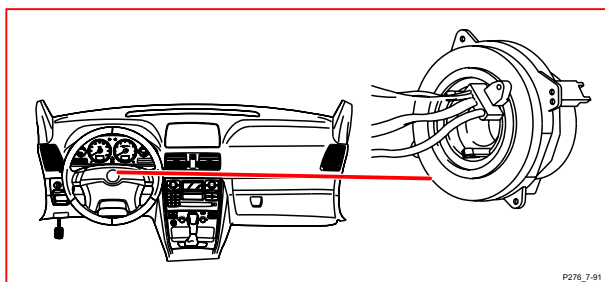
7/89 Acceleration sensor, Four-C, rear left



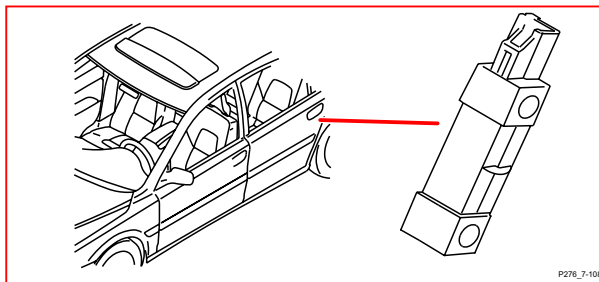
7/105 Outside temperature sensor, engine control module



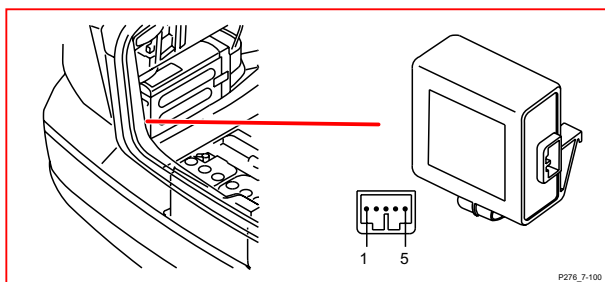
7/91 Steering angle sensor



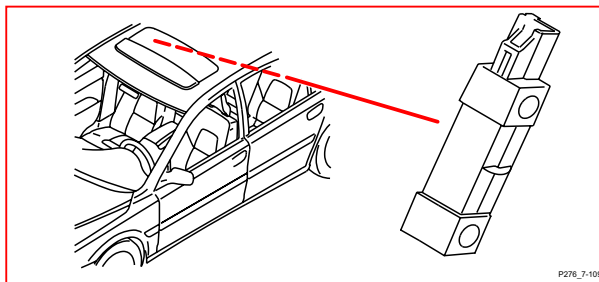
7/108 Left-hand rear side impact sensor



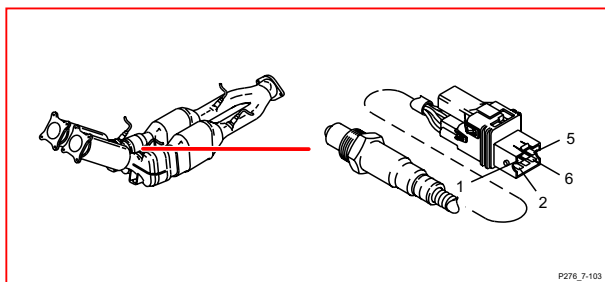
7/100 Level sensor alarm



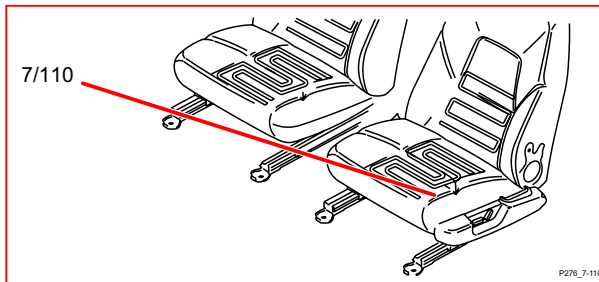
7/109 Right-hand rear side impact sensor



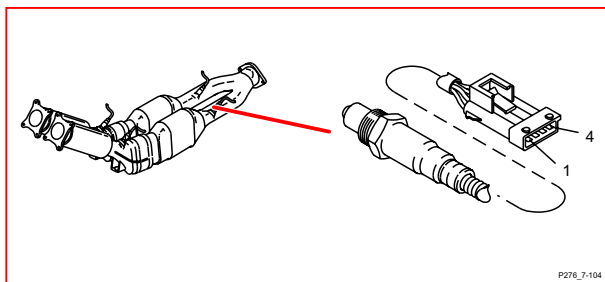
7/103 Heated oxygen sensor 3



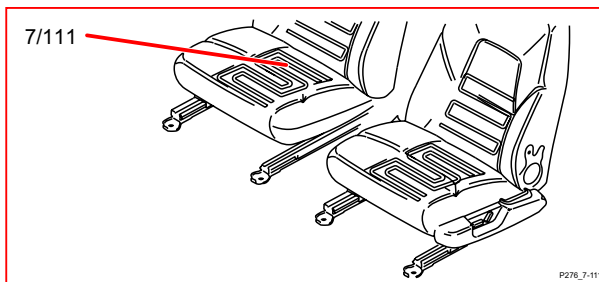
7/110 Left-hand seat temperature sensor



7/104 Heated oxygen sensor 4 (diagnostic probe)



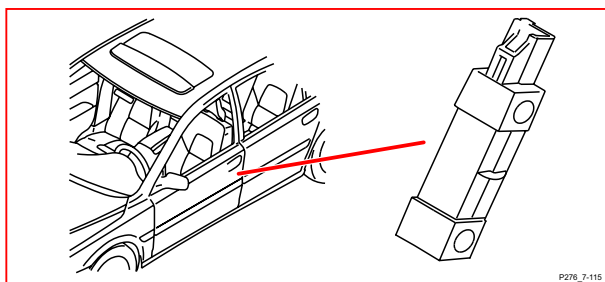
7/111 Right-hand seat temperature sensor



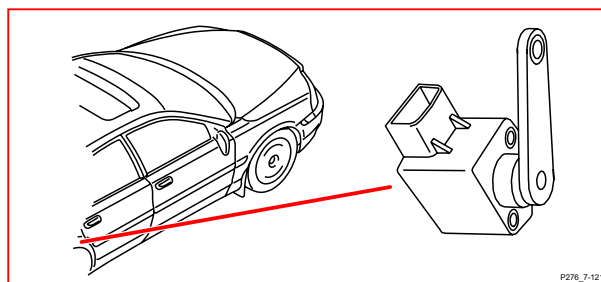
Component illustrations

7/115 - 7/129

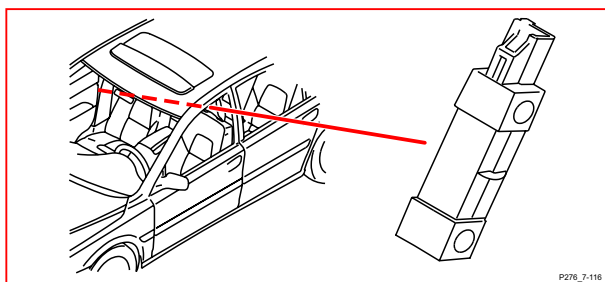
7/115 Left-hand front side impact sensor



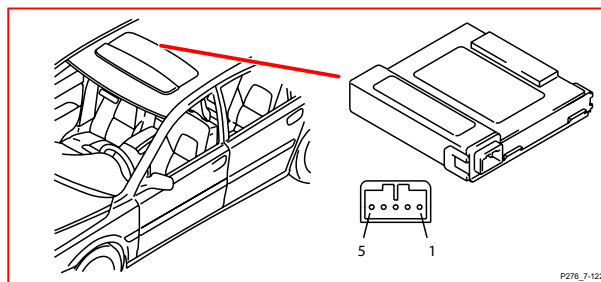
7/121 Rear right angle sensor, Four-C/Bi-Xenon



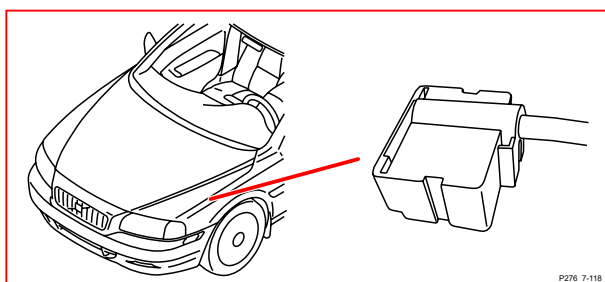
7/116 Right-hand front side impact sensor



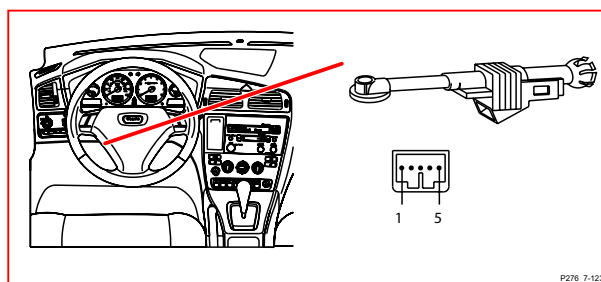
7/122 Mass movement sensor, front



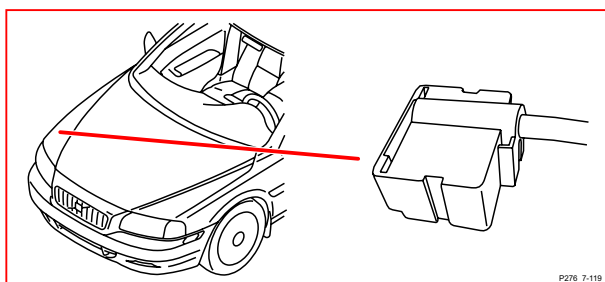
7/118 Acceleration sensor, shock absorber, Four-C, FL



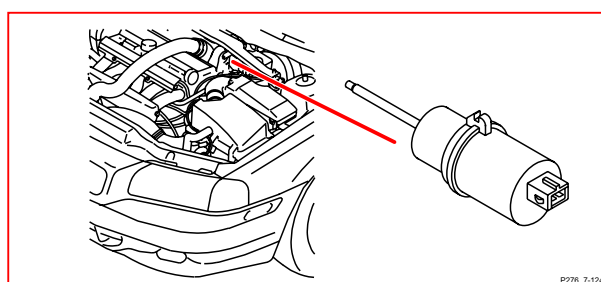
7/123 Clutch pedal sensor



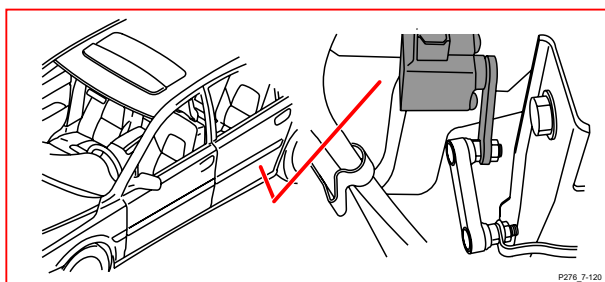
7/119 Acceleration sensor, shock absorber, Four-C, front right



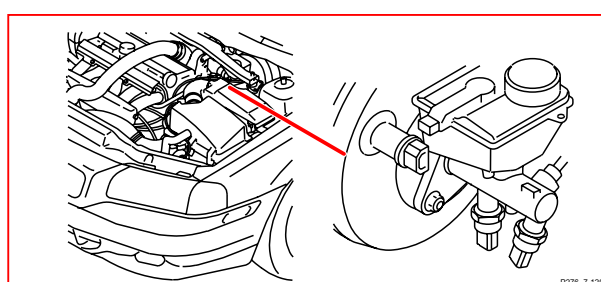
7/124 Brake pedal sensor



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



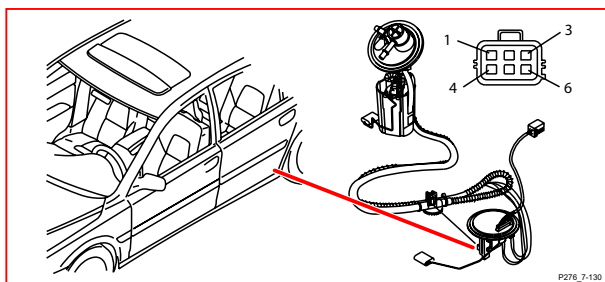
7/129 Brake pressure sensor 2



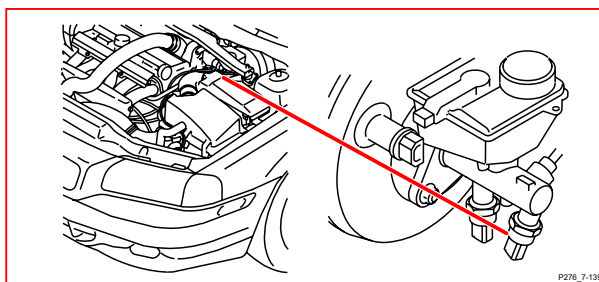
Component illustrations

7/130 - 7/156

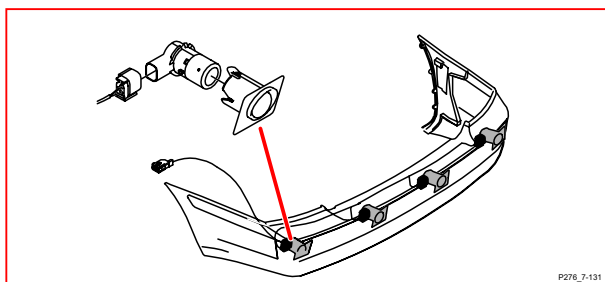
7/130 Fuel level sensor, ejector side



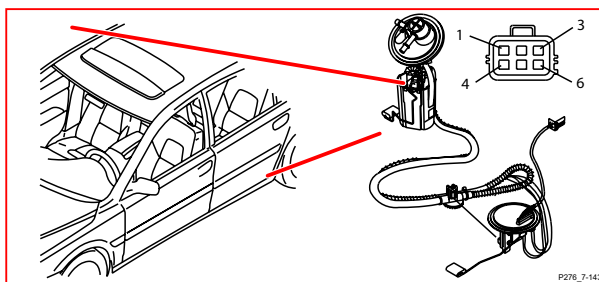
7/139 Brake pressure sensor 1



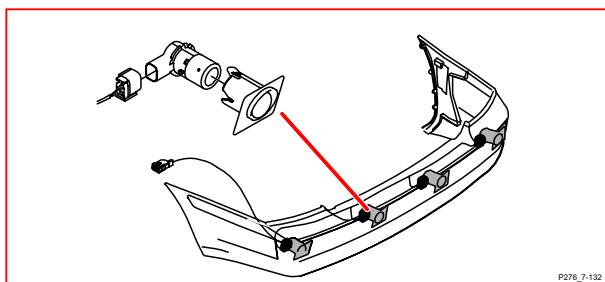
7/131 Parking assistance sensor, rear 1



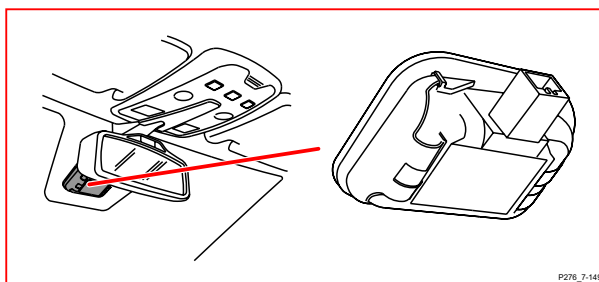
7/143 Fuel level sensor, pump side



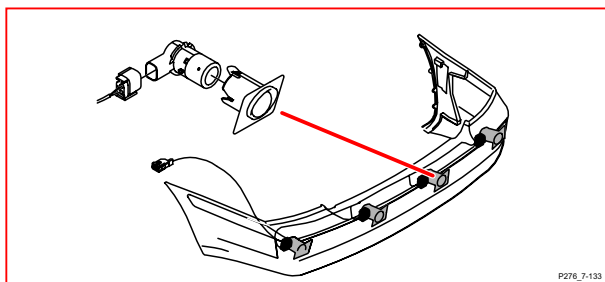
7/132 Parking assistance sensor, rear 2



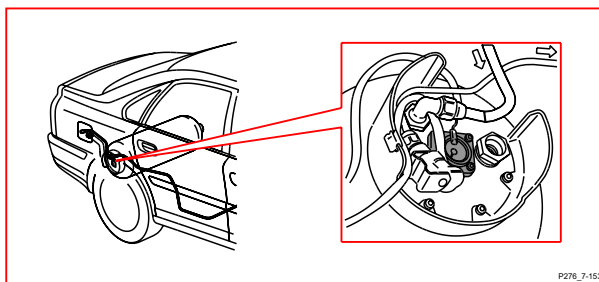
7/149 Rain Sensor Module (RSM)



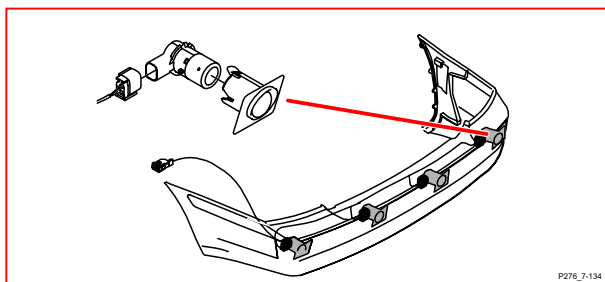
7/133 Parking assistance sensor, rear 3



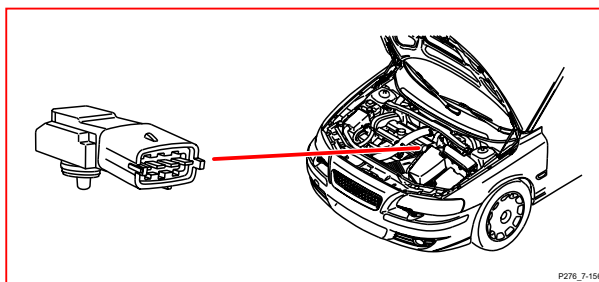
7/153 Sensor, fuel level LPG



7/134 Parking assistance sensor, rear 4



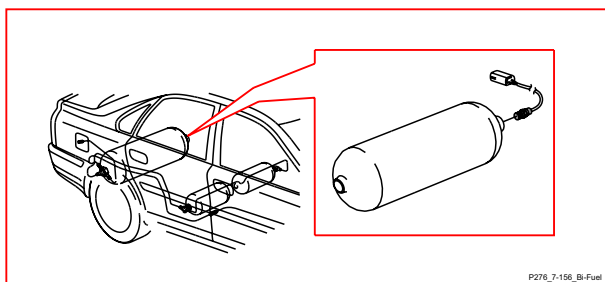
7/156 Pressure and temperature sensor



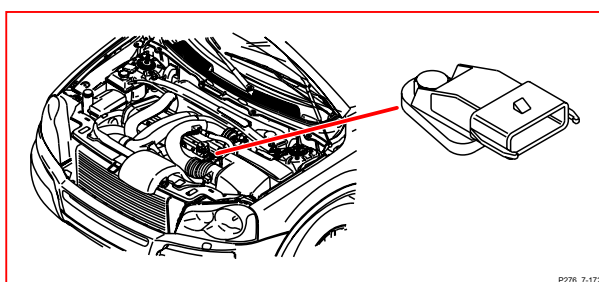
Component illustrations

7/156 - 7/204

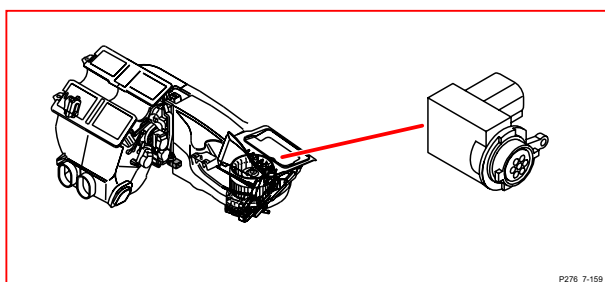
7/156 Pressure and temperature sensor (CNG)



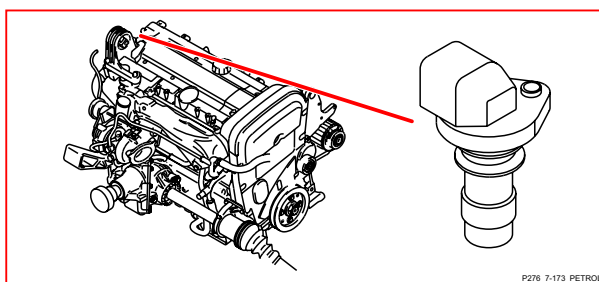
7/172 Camshaft position sensor, intake side



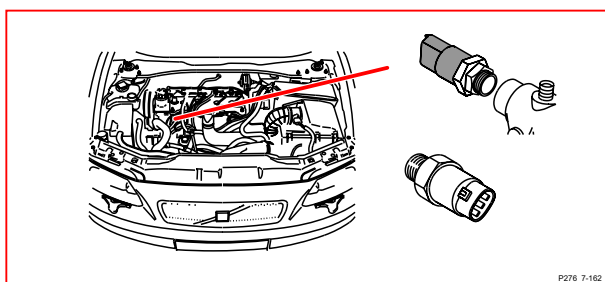
7/159 Air Quality Sensor (AQS)



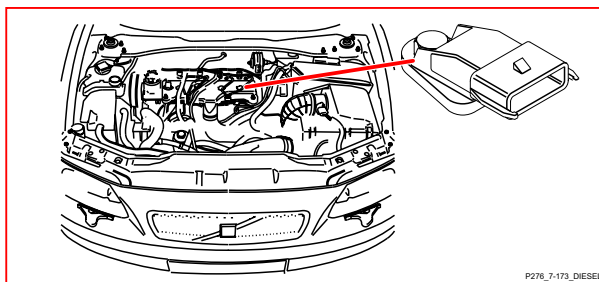
7/173 Camshaft position sensor, exhaust side



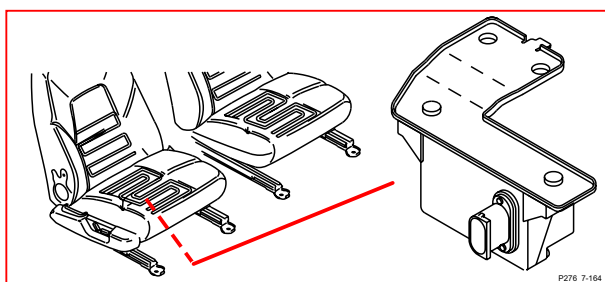
7/162 Pressure sensor, fuel line



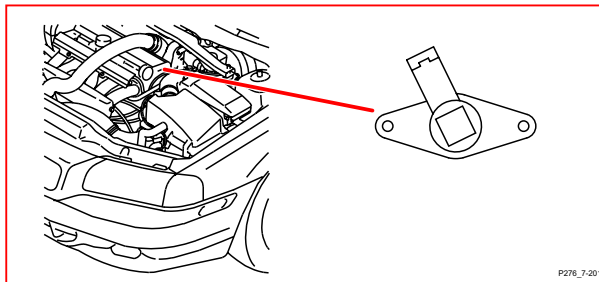
7/173 Camshaft position sensor, exhaust side, diesel



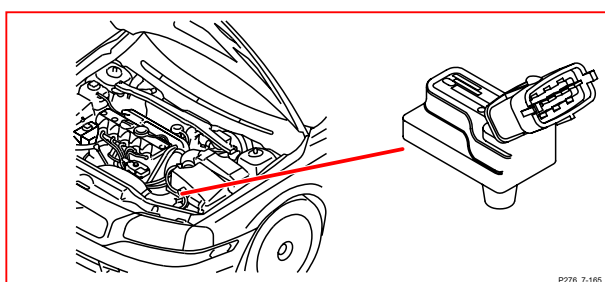
7/164 Body Sensor Cluster (BSC)



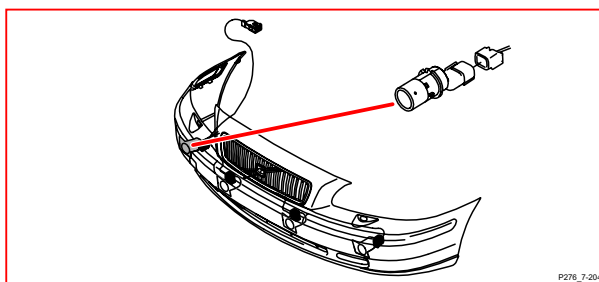
7/201 Pressure and temperature sensor, gas



7/165 Pressure and temperature sensor, intake manifold



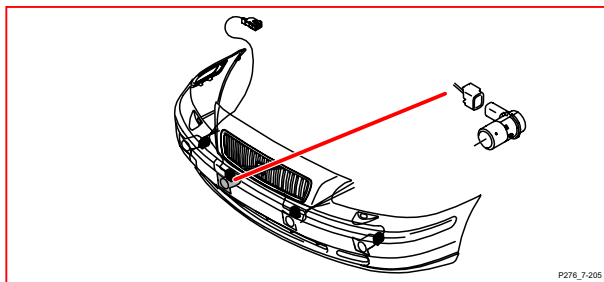
7/204 Parking assistance sensor, front 5



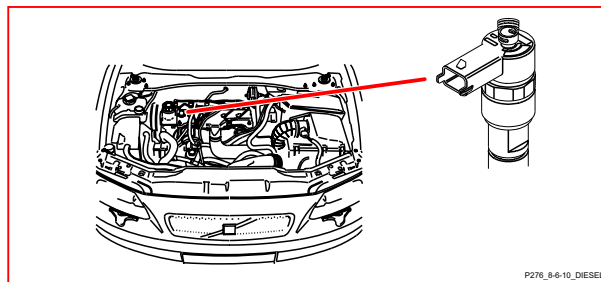
Component illustrations

7/205 - 8/20

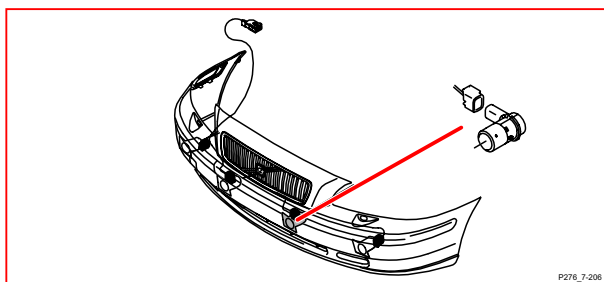
7/205 Parking assistance sensor, front 6



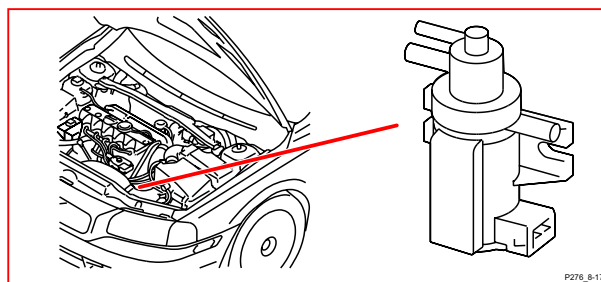
8/6-10 Injectors, diesel



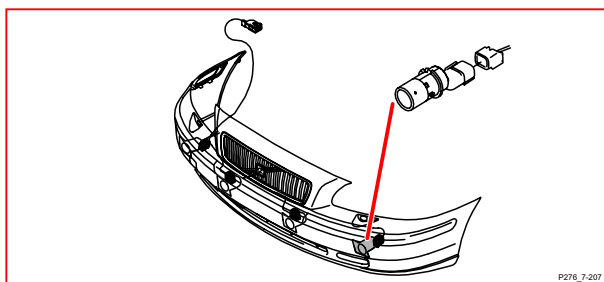
7/206 Parking assistance sensor, front 7



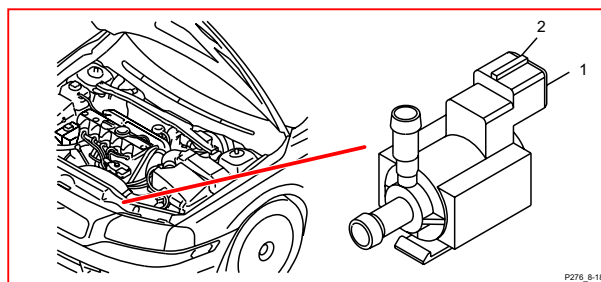
8/17 EGR valve, Diesel



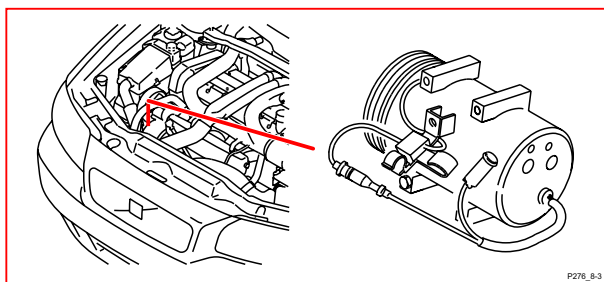
7/207 Parking assistance sensor, front 8



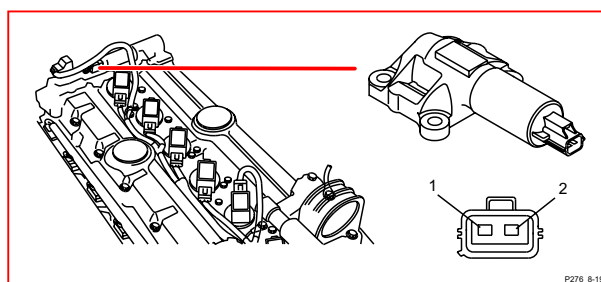
8/18 EVAP valve



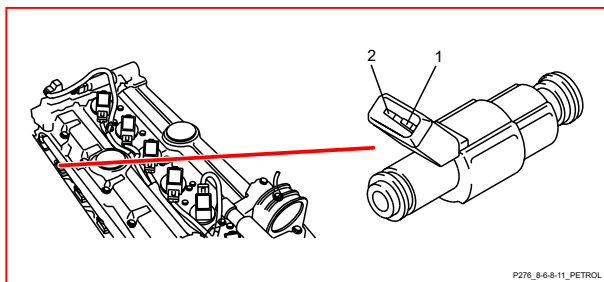
8/3 Electromagnetic clutch, climate control system



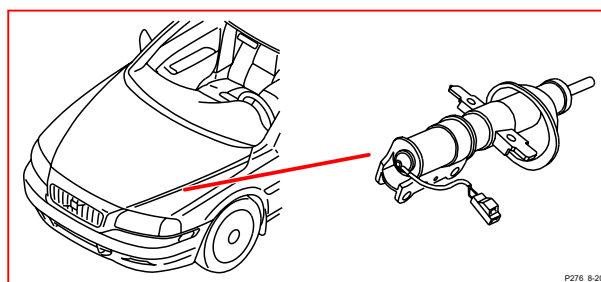
8/19 Solenoid, variable valve time, inlet



8/6-11 Injectors



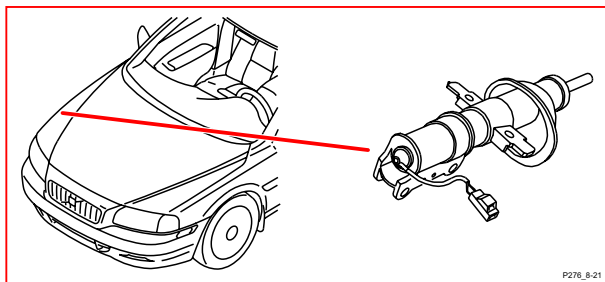
8/20 Shock absorber, Four-C, front left



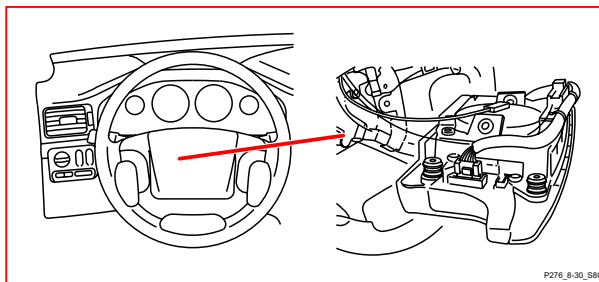
Component illustrations

8/21 - 8/34

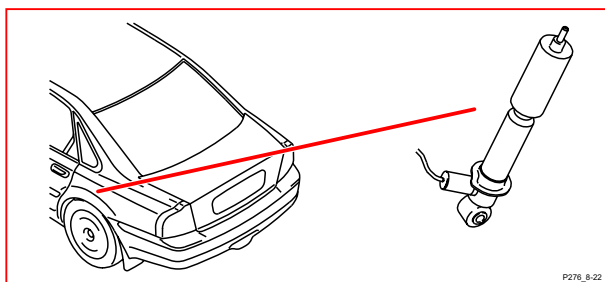
8/21 Shock absorber, Four-C, front right



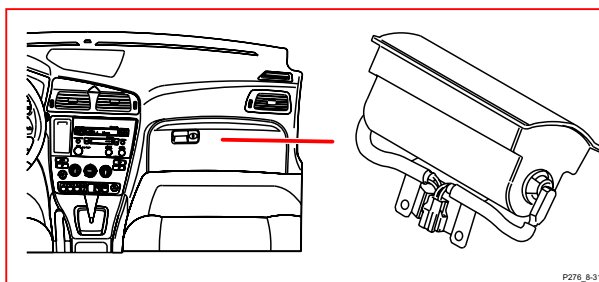
8/30 Driver's side airbag igniter S80



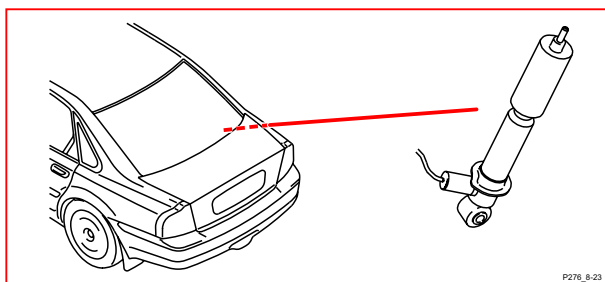
8/22 Shock absorber, Four-C, rear left



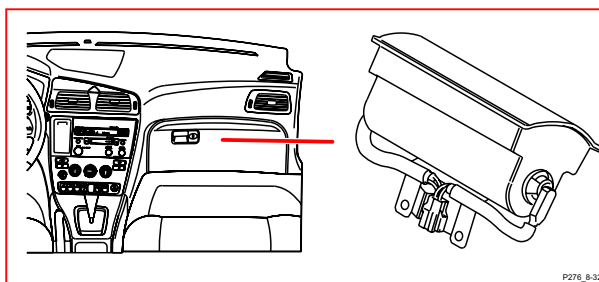
8/31 Passenger side airbag igniter



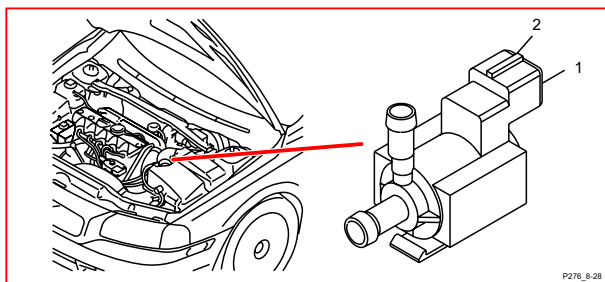
8/23 Shock absorber, Four-C, rear right



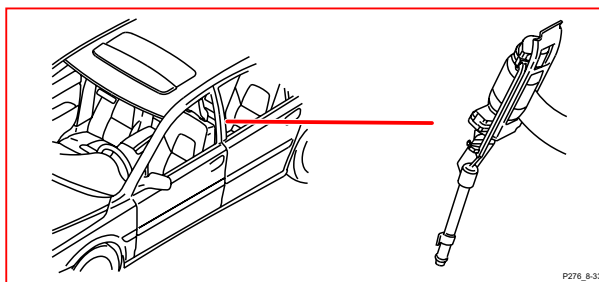
8/32 Igniter, passenger side airbag stage 2



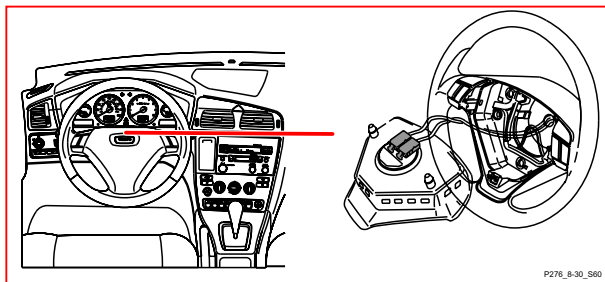
8/28 Turbocharger control valve



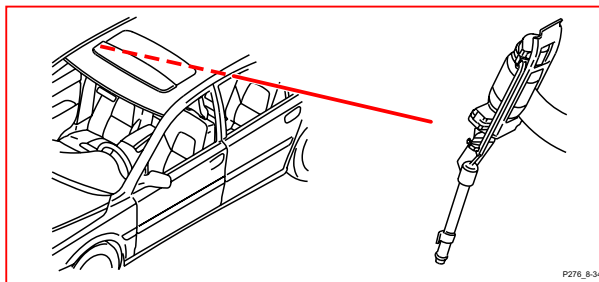
8/33 Front left belt tensioner igniter



8/30 Driver's side airbag igniter S60



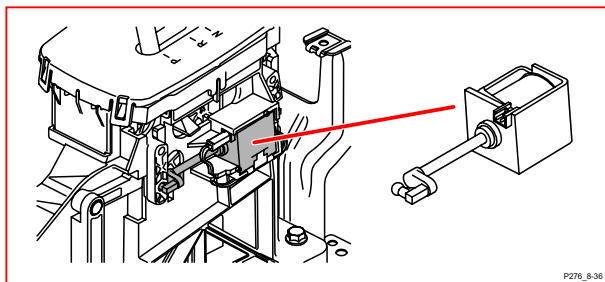
8/34 Front right seat belt tensioner igniter



Component illustrations

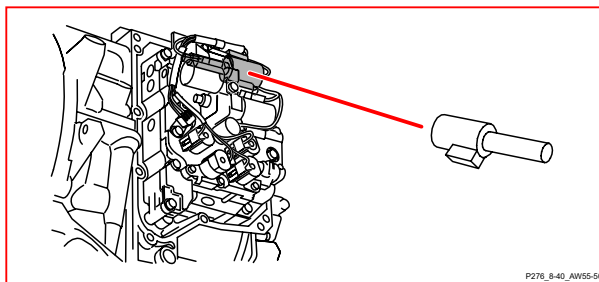
8/36 - 8/52

8/36 Shift lock solenoid



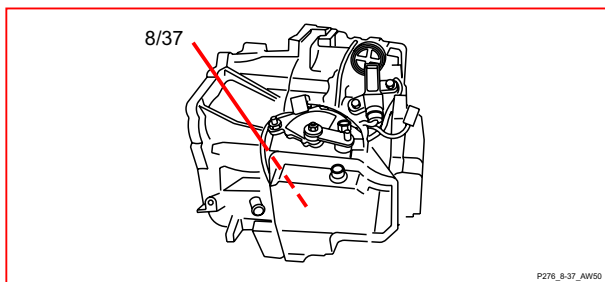
P276_8-36

8/40 Lock-up solenoid, AW55-50/51 SN



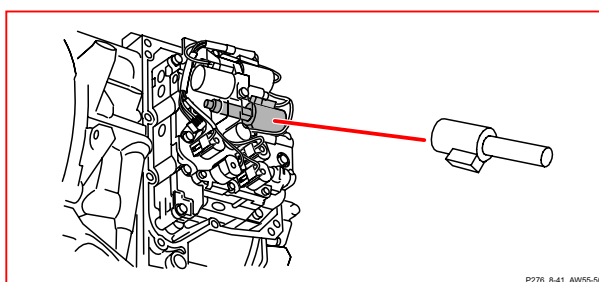
P276_8-40_AW55-50

8/37 Automatic transmission AW55-50/51 SN



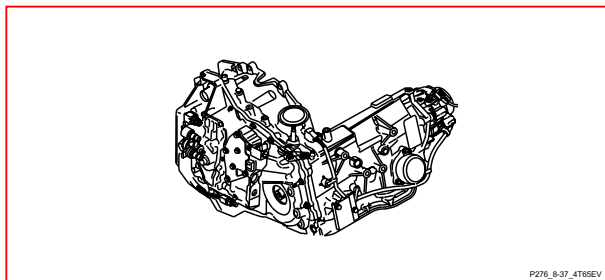
P276_8-37_AW50

8/41 Pressure solenoid AW 55-50/51 SN



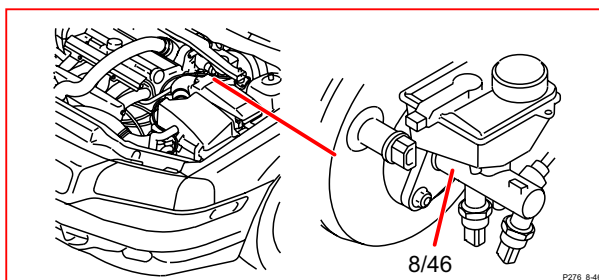
P276_8-41_AW55-50

8/37 Automatic transmission, 4T65EV



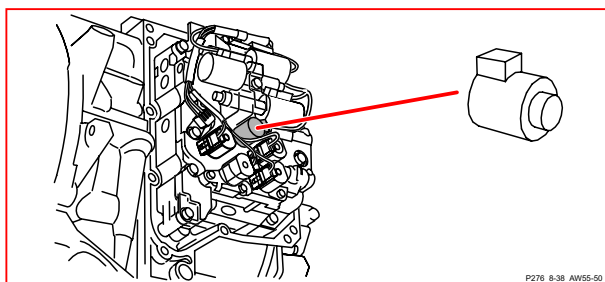
P276_8-37_4T65EV

8/46 Archive unit, DSTC



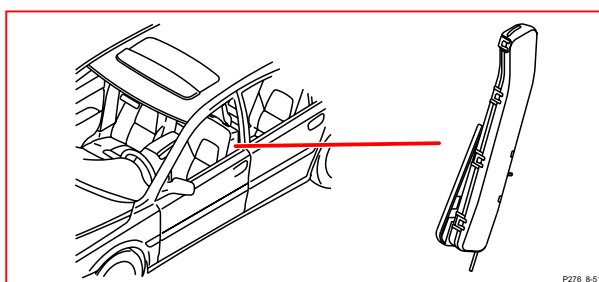
P276_8-46

8/38 Shift solenoid 1, AW55-50/51 SN



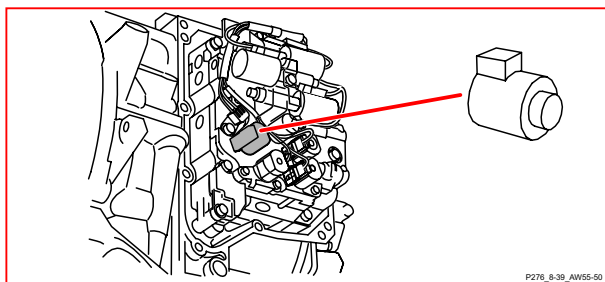
P276_8-38_AW55-50

8/51 Front left side airbag igniter



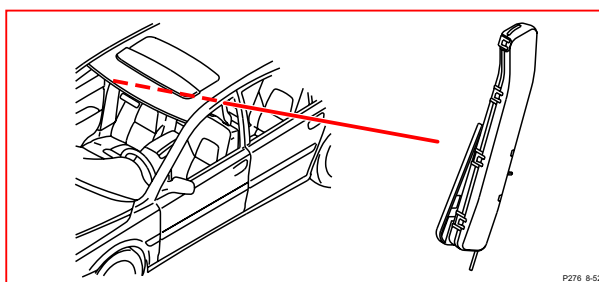
P276_8-51

8/39 Shift solenoid 2, AW55-50/51 SN



P276_8-39_AW55-50

8/52 Front right side airbag igniter

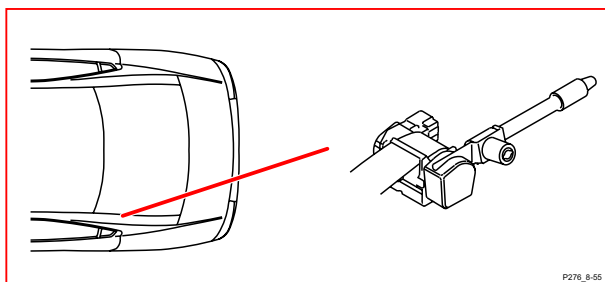


P276_8-52

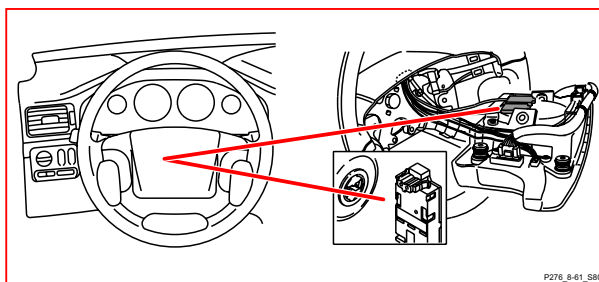
Component illustrations

8/55 - 8/67

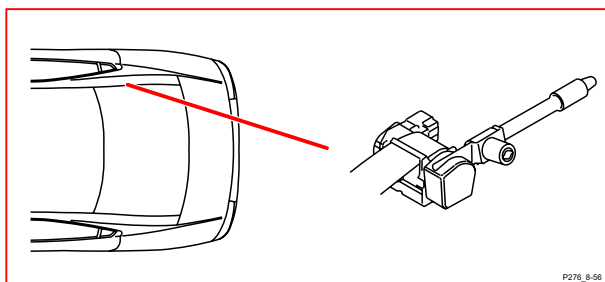
8/55 Rear left belt tensioner igniter



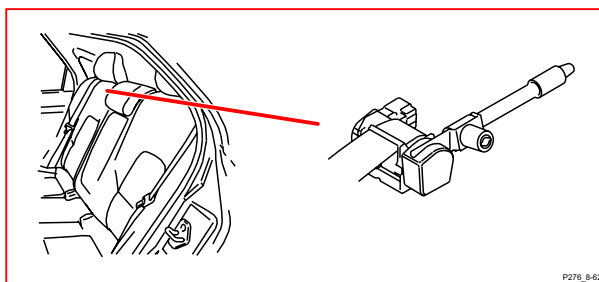
8/61 Driver's side airbag igniter step 2



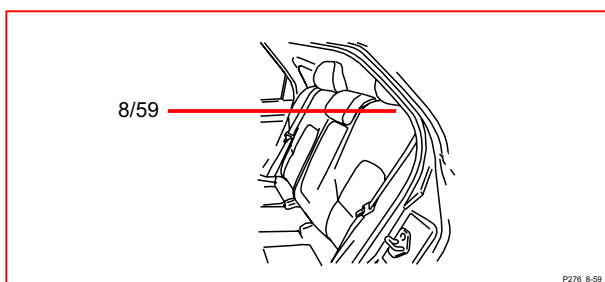
8/56 Rear right belt tensioner igniter



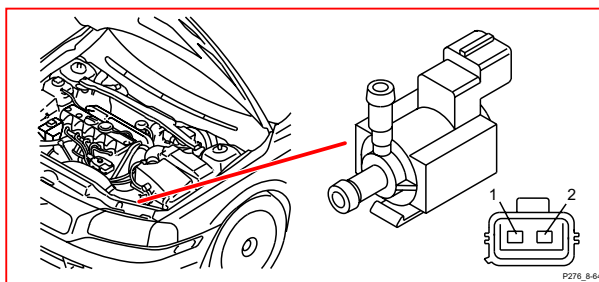
8/62 Belt tensioner igniter, center rear seat



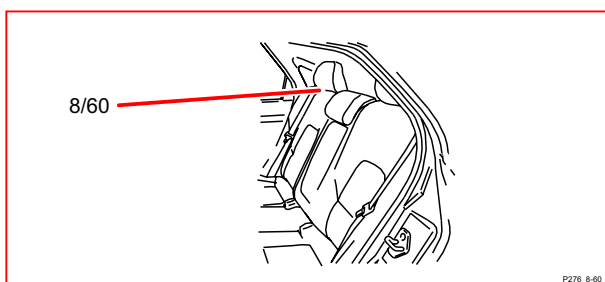
8/59 Rear left head restraint solenoid



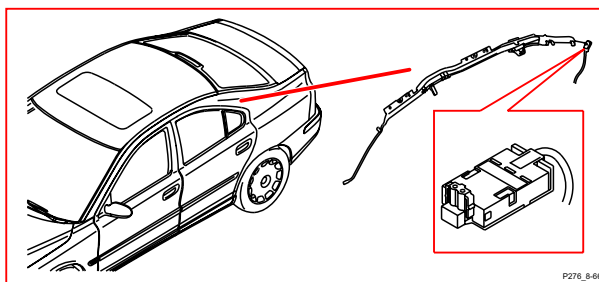
8/64 Solenoid valve, engine mounting, Diesel



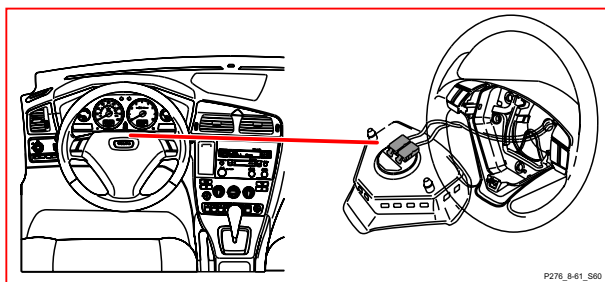
8/60 Rear right head restraint solenoid



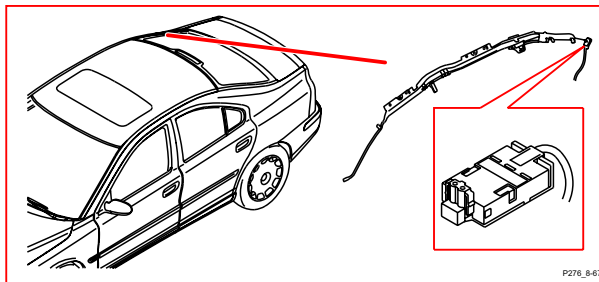
8/66 Left-hand inflatable curtain igniter



8/61 Driver's side airbag igniter step 2



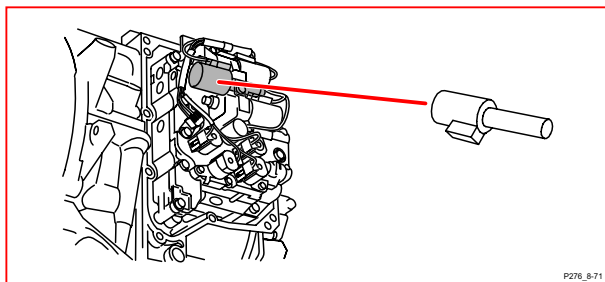
8/67 Right-hand inflatable curtain igniter



Component illustrations

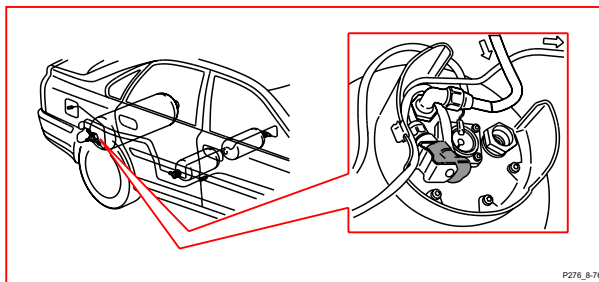
8/71 - 8/82

8/71 Throttle solenoid



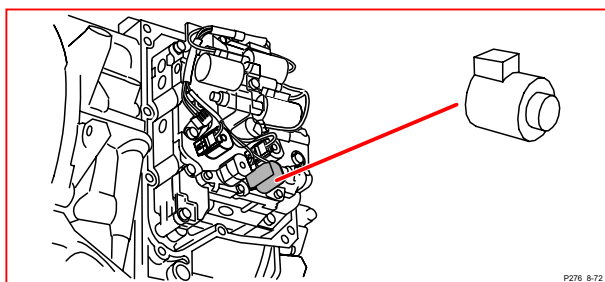
P276_8-71

8/76 Gas tank valve



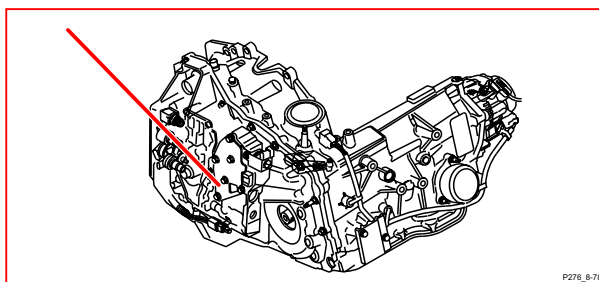
P276_8-76

8/72 Shift solenoid 3



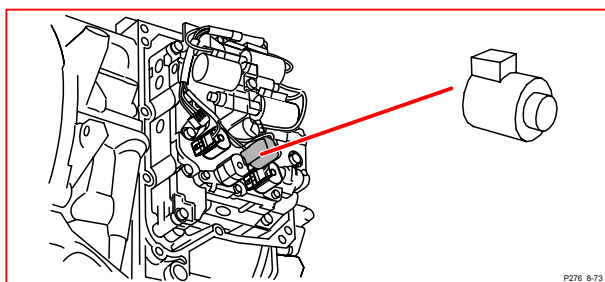
P276_8-72

8/78 Oil pressure sensor



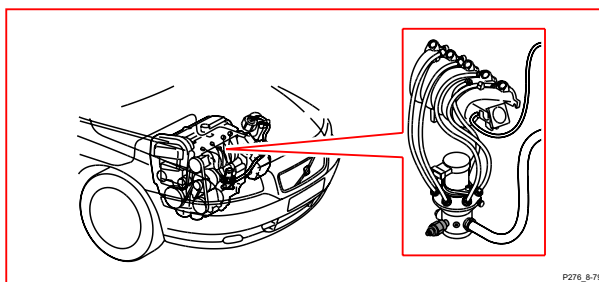
P276_8-78

8/73 Shift solenoid 4



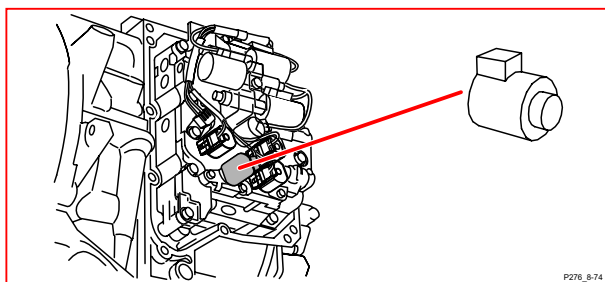
P276_8-73

8/79 Valve LPG



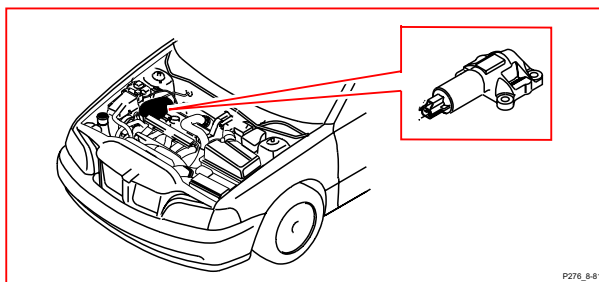
P276_8-79

8/74 Shift solenoid 5



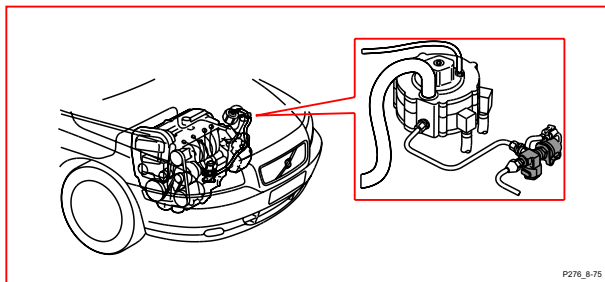
P276_8-74

8/81 Solenoid, variable valve timing outlet



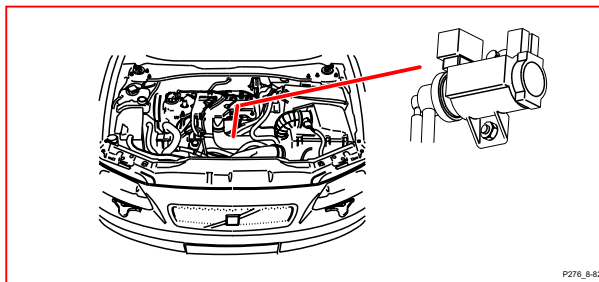
P276_8-81

8/75 Valve, fuel cut-off DFCO



P276_8-75

8/82 Solenoid, variable turbo geometry

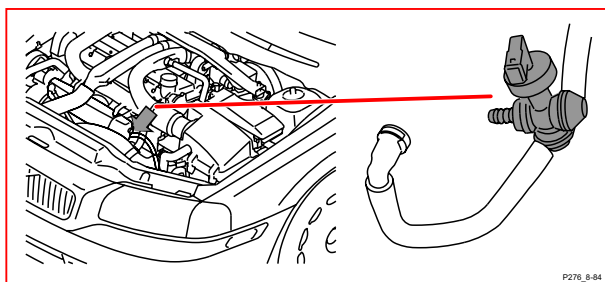


P276_8-82

Component illustrations

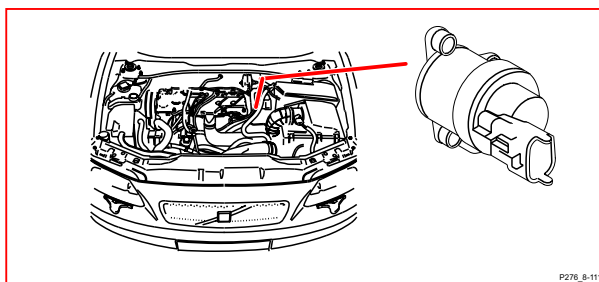
8/84 - 9/12

8/84 Switch, vacuum pump



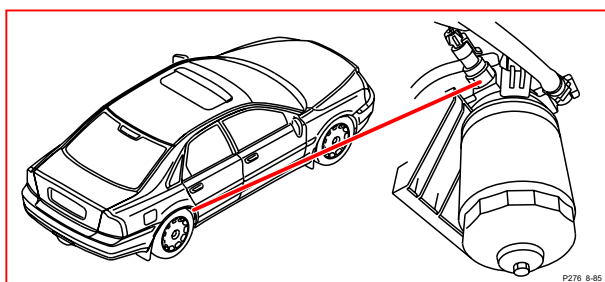
P276_8-84

8/111 Solenoid valve, high-pressure diesel



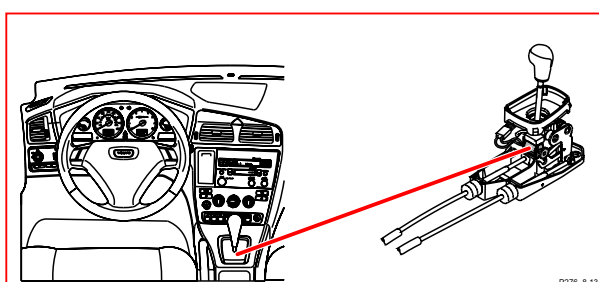
P276_8-111

8/85 Thermostatic switch and fuel filter heating



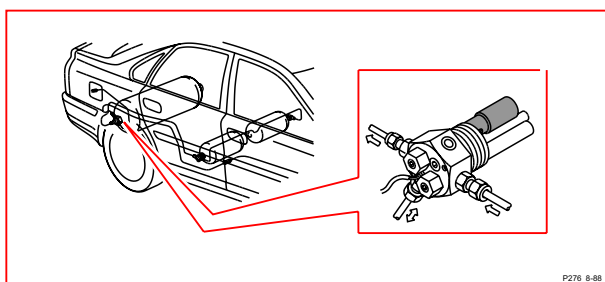
P276_8-85

8/134 Solenoid, reverse interlock, manual



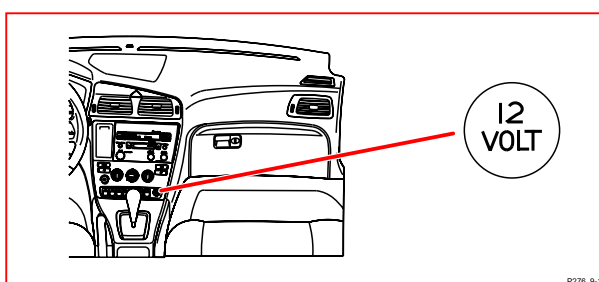
P276_8-134

8/88 Solenoid, gas tank CNG rear



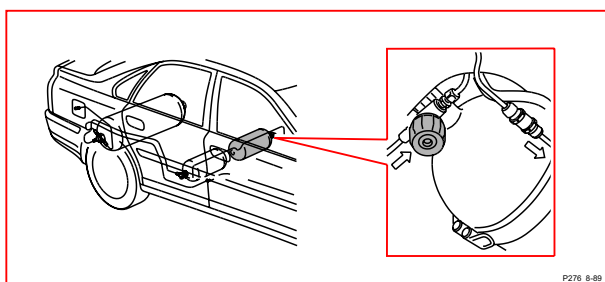
P276_8-88

9/1 Front 12V outlet



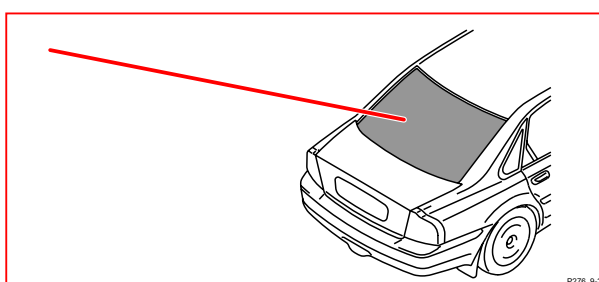
P276_9-1

8/89 Solenoid, fuel tank CNG front left



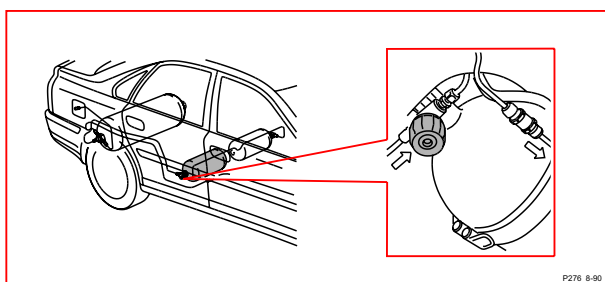
P276_8-89

9/2 Heated rear window



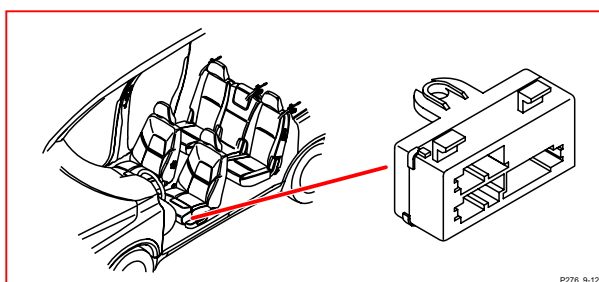
P276_9-2

8/90 Solenoid, fuel tank CNG front right



P276_8-90

9/12 Seat Heater Module (SHM), driver's side

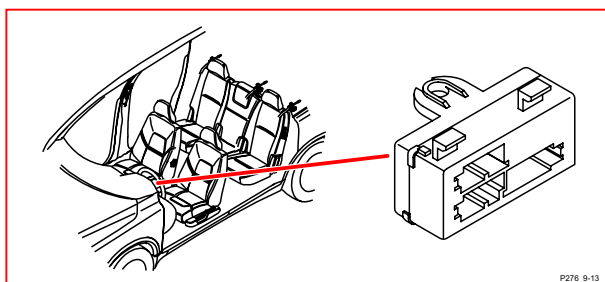


P276_9-12

Component illustrations

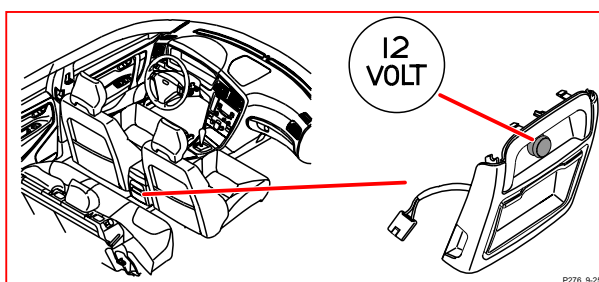
9/13 - 10/1

9/13 Seat Heater Module (SHM), passenger side



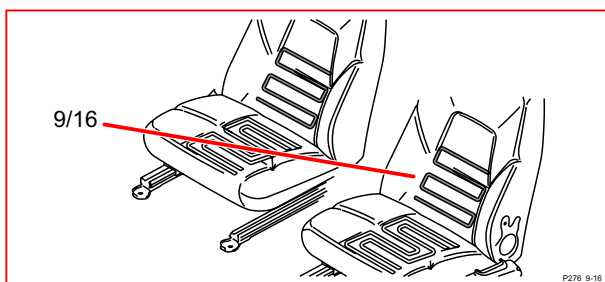
P276_9-13

9/25 Rear 12V outlet



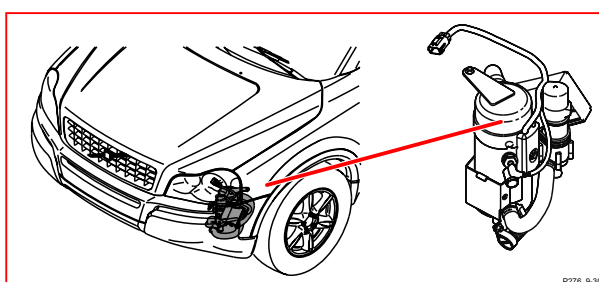
P276_9-25

9/16 Left-hand backrest heating element



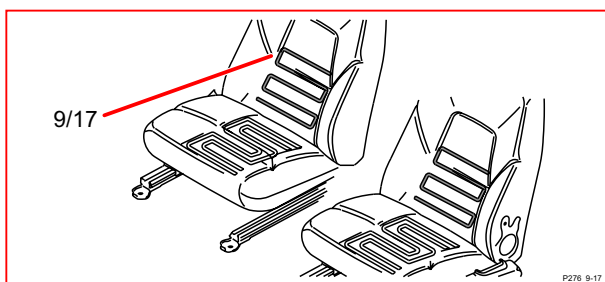
P276_9-16

9/30 Auxiliary heater



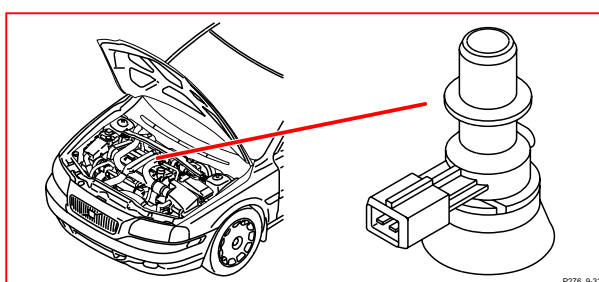
P276_9-30

9/17 Right-hand backrest heating element



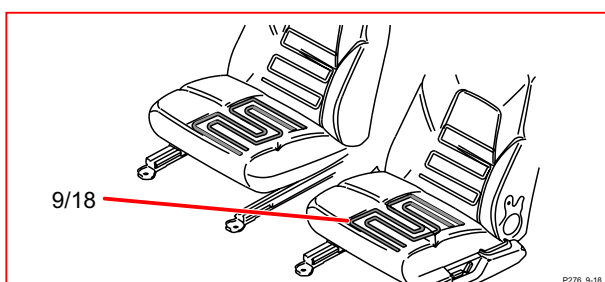
P276_9-17

9/32 PTC resistor - air preheating



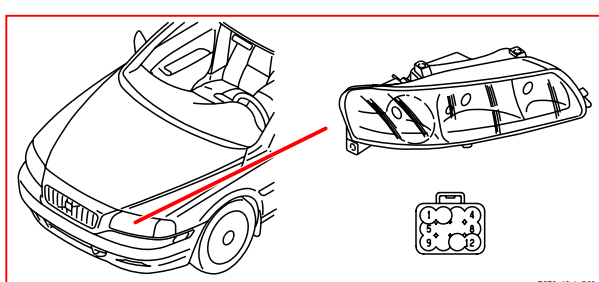
P276_9-32

9/18 Left-hand seat heating element



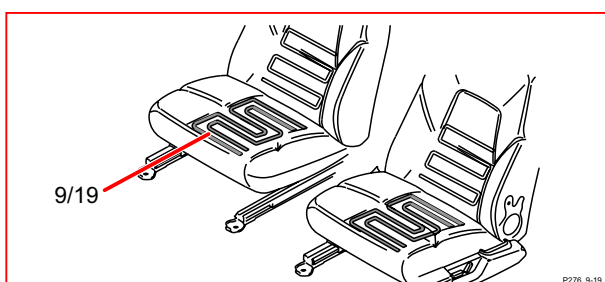
P276_9-18

10/1 Front left lamp housing S60



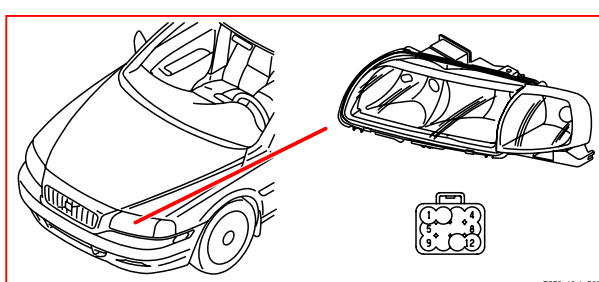
P276_10-1_S60

9/19 Right-hand seat heating element



P276_9-19

10/1 Front left lamp housing S80

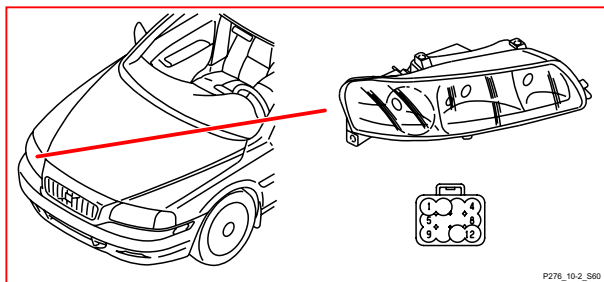


P276_10-1_S80

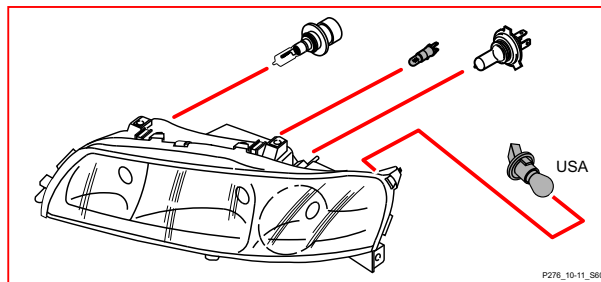
Component illustrations

10/2 - 10/13

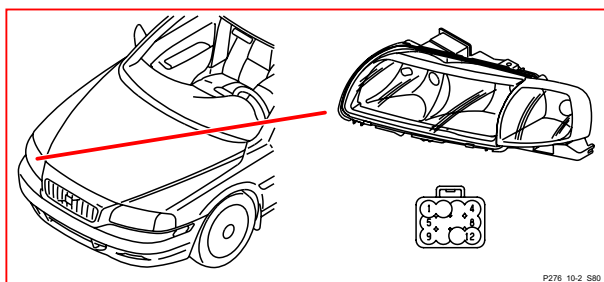
10/2 Front right lamp housing S60



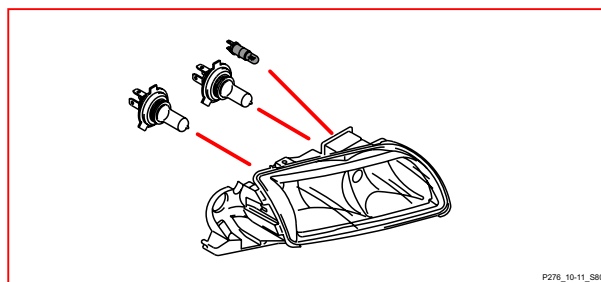
10/11 Front left position/parking light S60



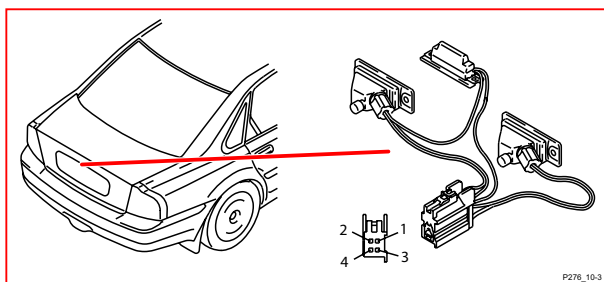
10/2 Front right lamp housing S80



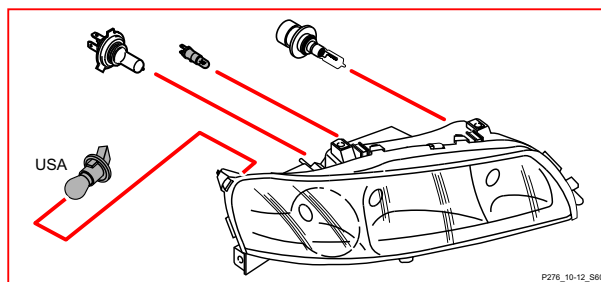
10/11 Front left position/parking light S80



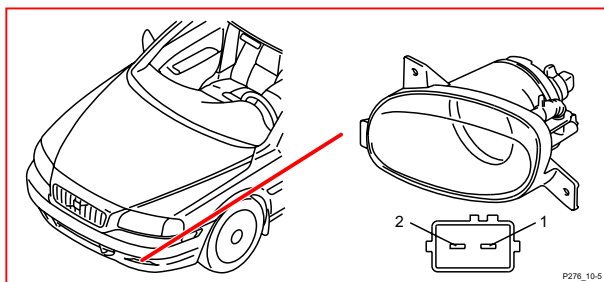
10/3 License plate lighting



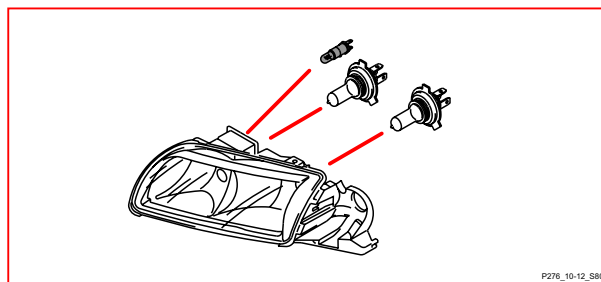
10/12 Front right position/parking light S60



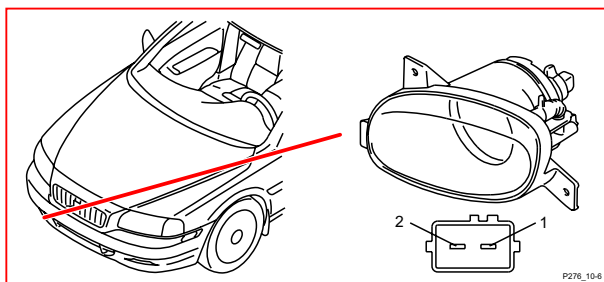
10/5 Front left fog light



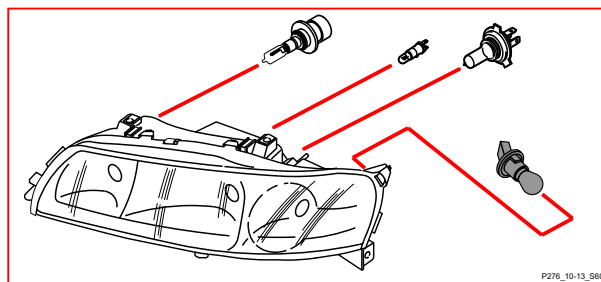
10/12 Front right position/parking light S80



10/6 Front right fog light



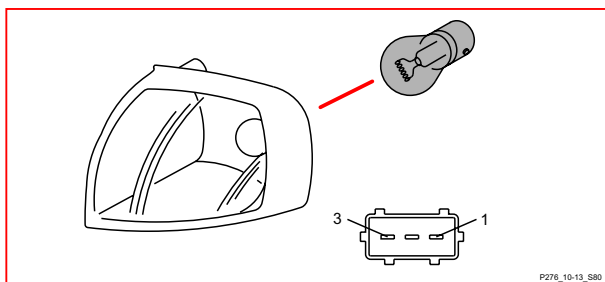
10/13 Front left direction indicator, S60



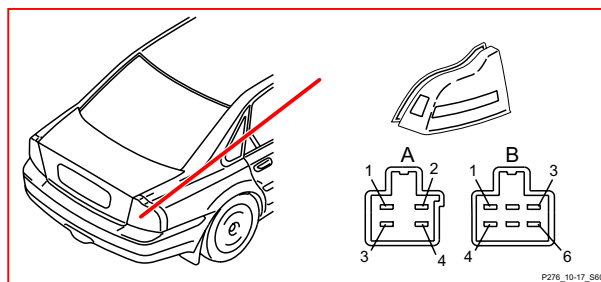
Component illustrations

10/13 - 10/19

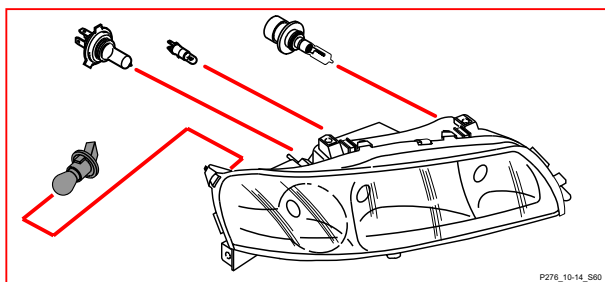
10/13 Front left direction indicator, S80



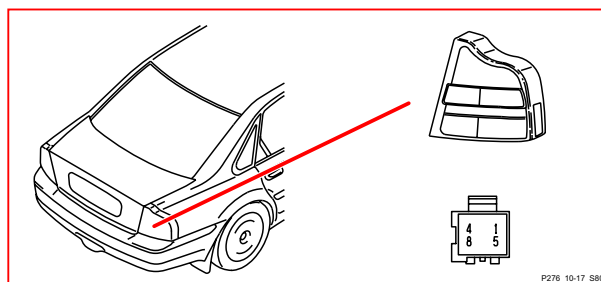
10/17 Rear right lamp housing, S60



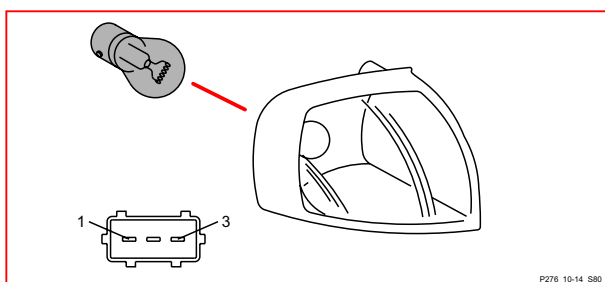
10/14 Front right direction indicator, S60



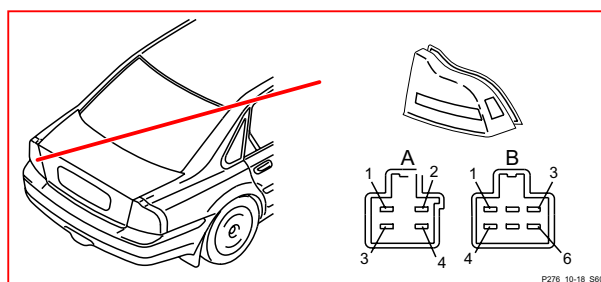
10/17 Rear right lamp housing, S80



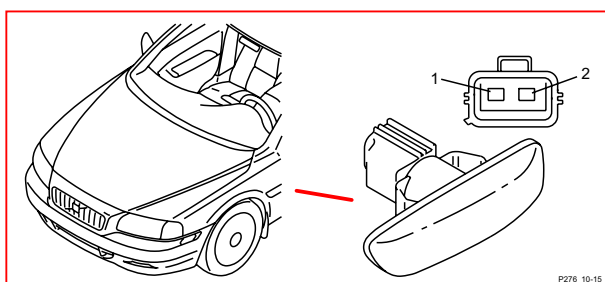
10/14 Front right direction indicator, S80



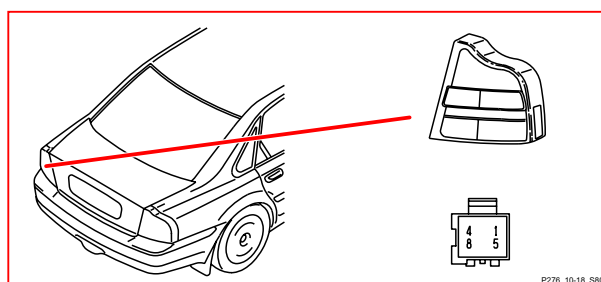
10/18 Rear left lamp housing, S60



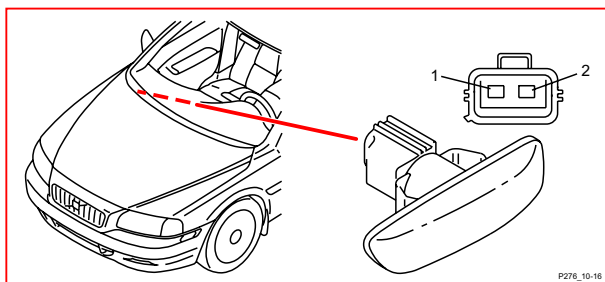
10/15 Front left fender direction indicator



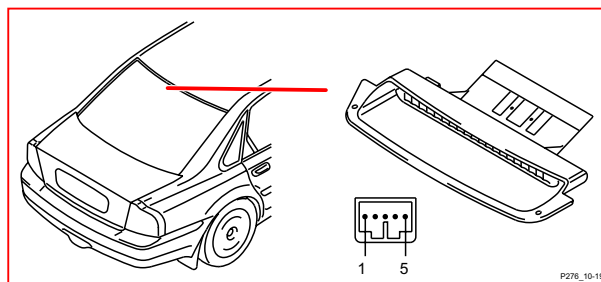
10/18 Rear left lamp housing, S80



10/16 Front right fender direction indicator



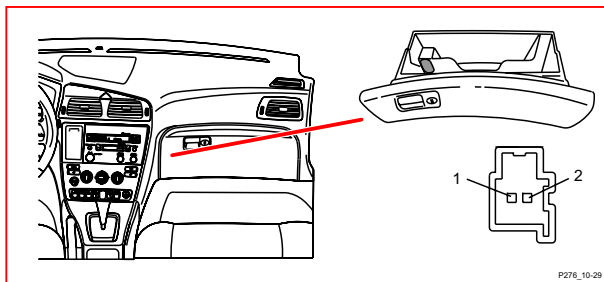
10/19 Auxiliary brake light



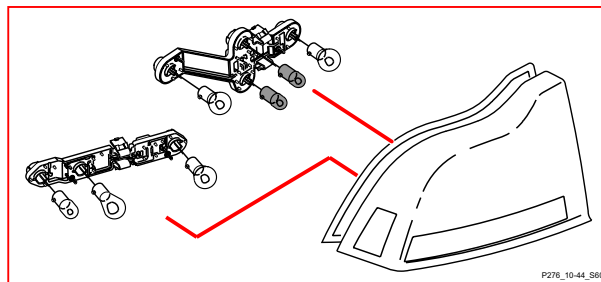
Component illustrations

10/29 - 10/46

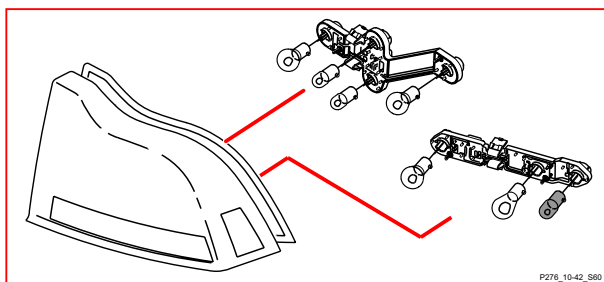
10/29 Glove compartment lighting



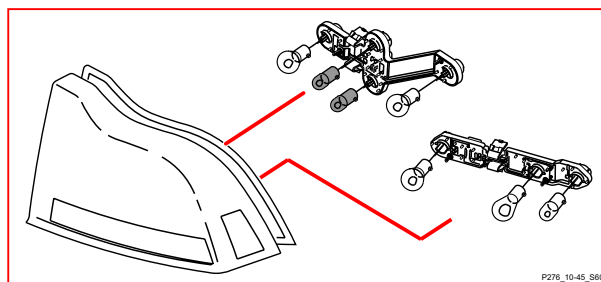
10/44 Right tail light lamp 1, S60



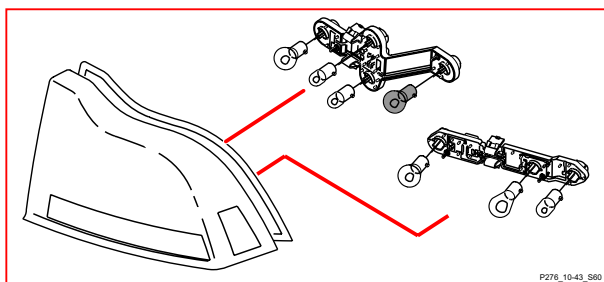
10/42 Position/parking light, rear right, S60



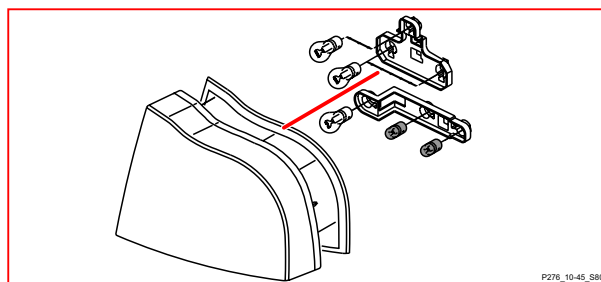
10/45 Right tail light lamp 2, S60



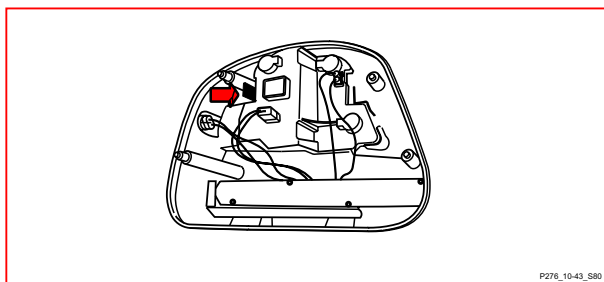
10/43 Right brake light, S60



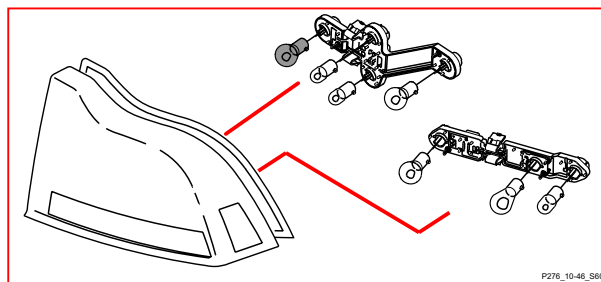
10/45 Right tail light lamp 2, S80



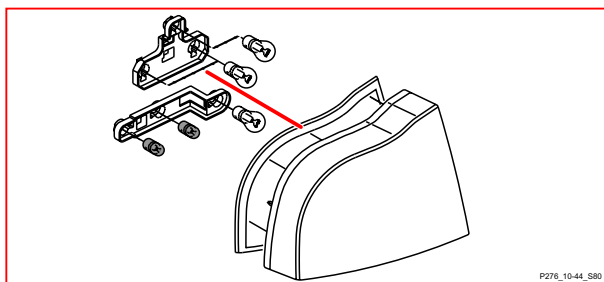
10/43 Right brake light, S80



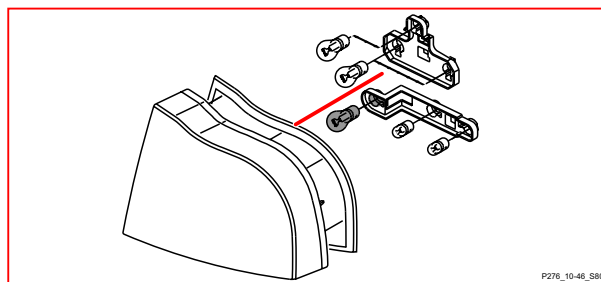
10/46 Rear right fog light, S60



10/44 Right tail light lamp 1, S80



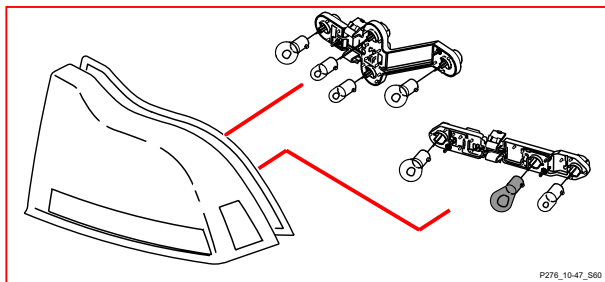
10/46 Rear right fog light, S80



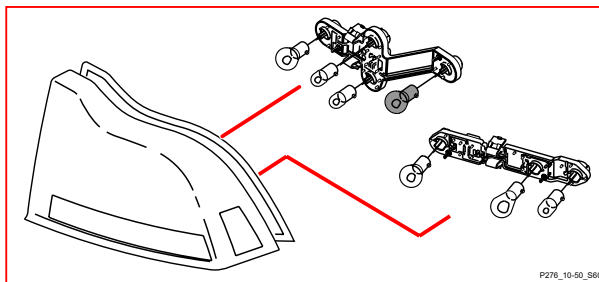
Component illustrations

10/47 - 10/52

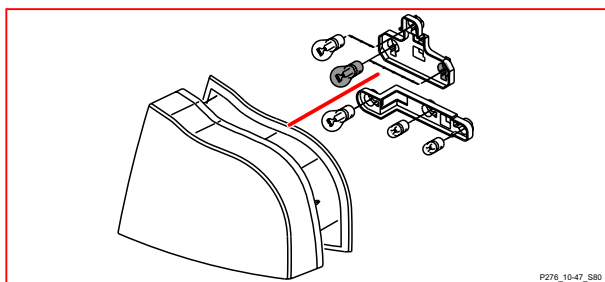
10/47 Rear right direction indicator, S60



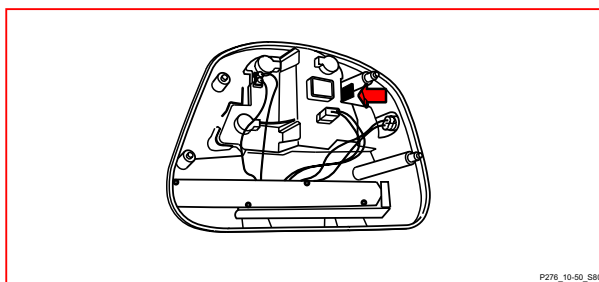
10/50 Left brake light, S60



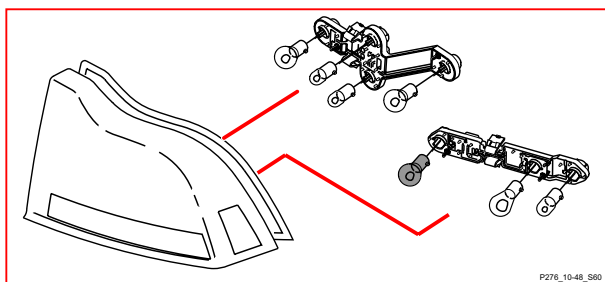
10/47 Rear right direction indicator, S80



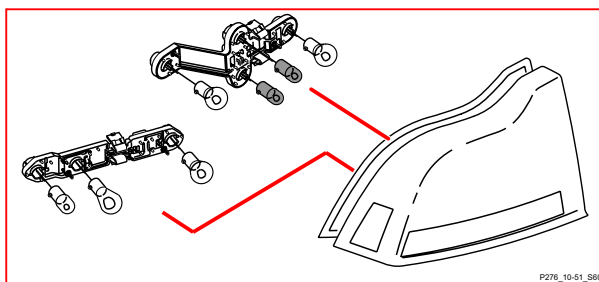
10/50 Left brake light, S80



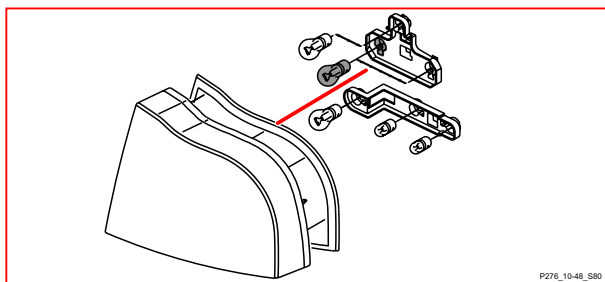
10/48 Right-hand reversing light, S60



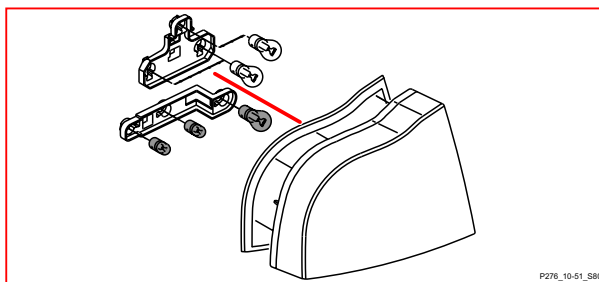
10/51 Left tail light 1, S60



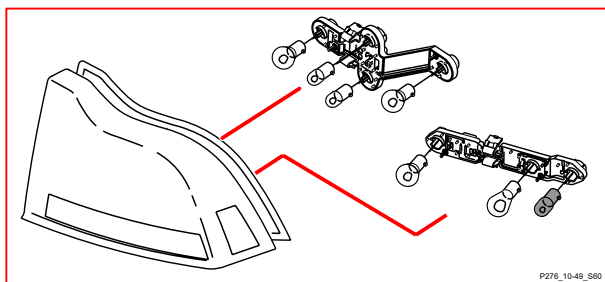
10/48 Right-hand reversing light, S80



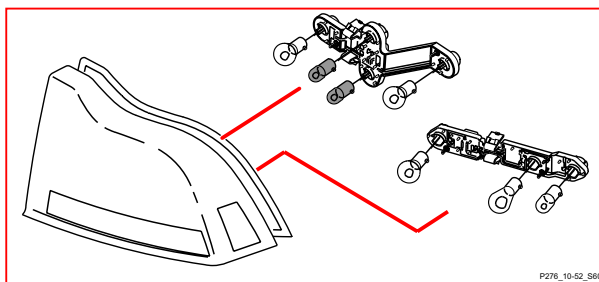
10/51 Left tail light 1, S80



10/49 Position/parking light, rear left, S60



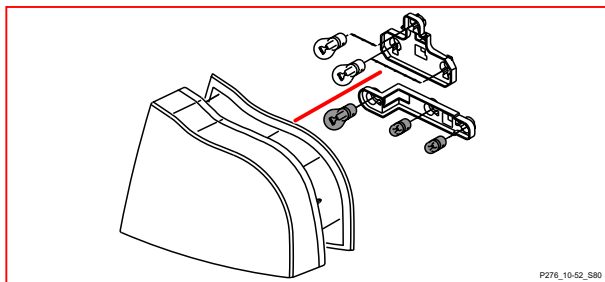
10/52 Left tail light 2, S60



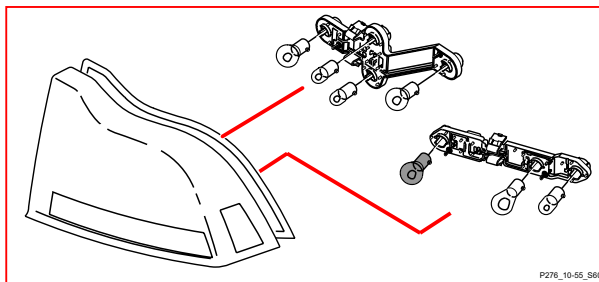
Component illustrations

10/52 - 10/65

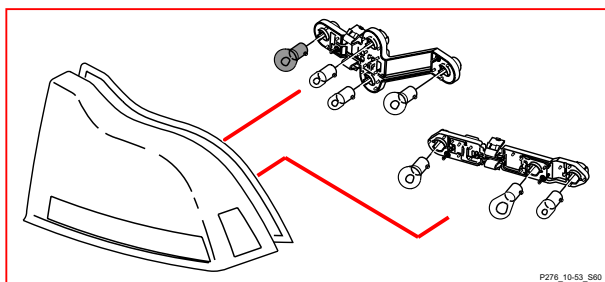
10/52 Left tail light 2, S80



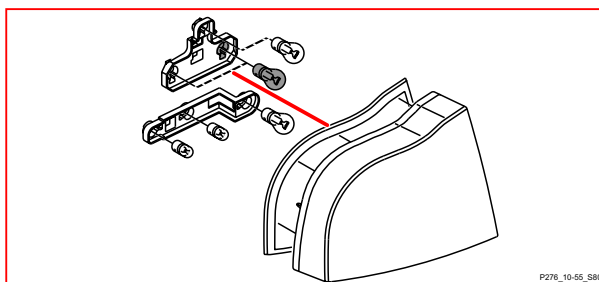
10/55 Left reversing light, S60



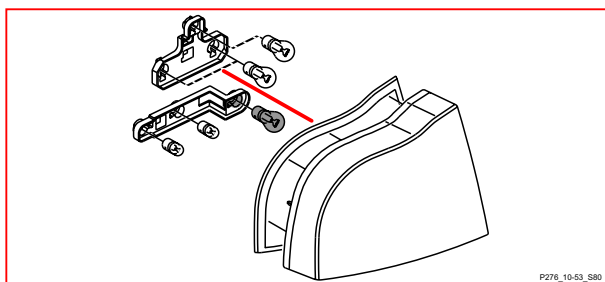
10/53 Rear left fog light, S60



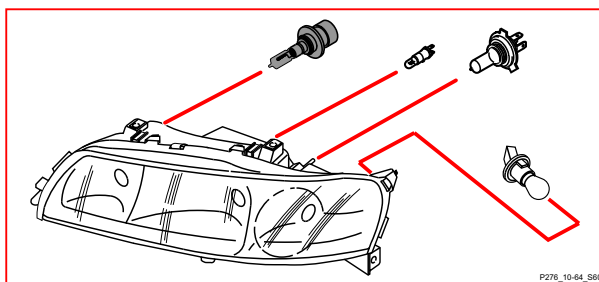
10/55 Left reversing light, S80



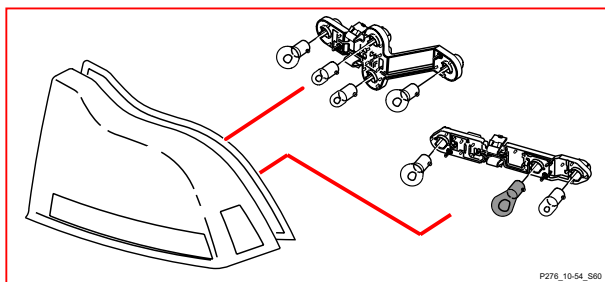
10/53 Rear left fog light, S80



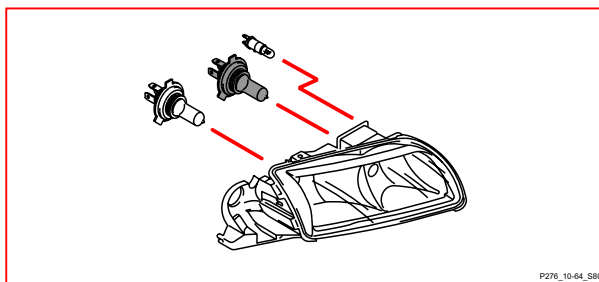
10/64 Right-hand high beam, S60



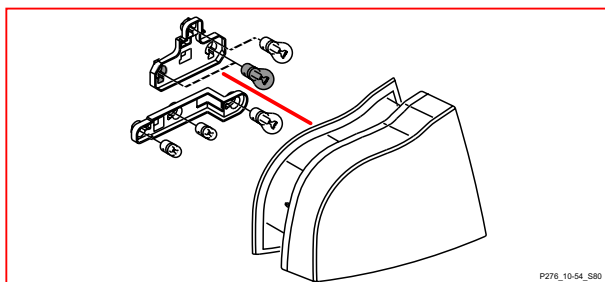
10/54 Rear direction indicator, S60



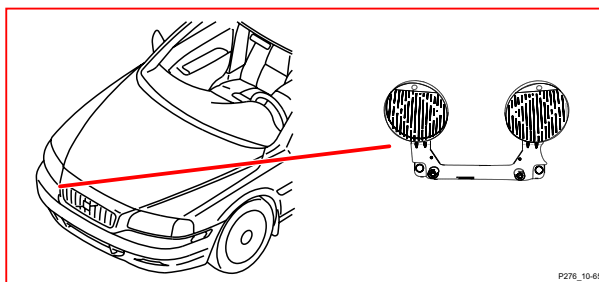
10/64 Right-hand high beam, S80



10/54 Rear left direction indicator, S80



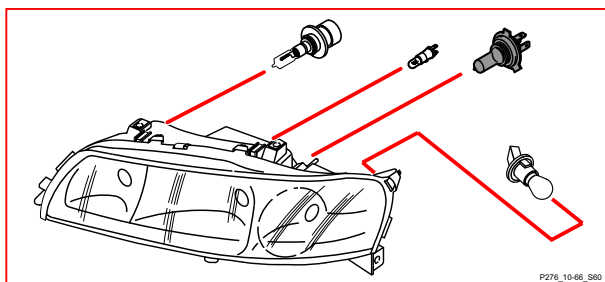
10/65 Auxiliary light, front right



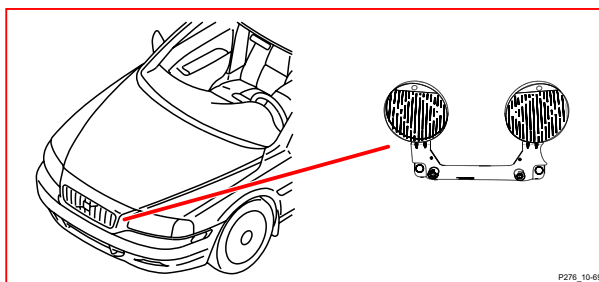
Component illustrations

10/66 - 10/73

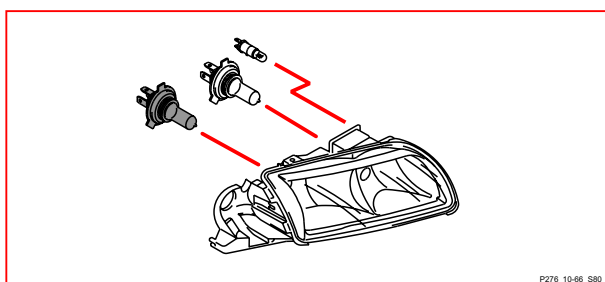
10/66 Right-hand low beam, S60



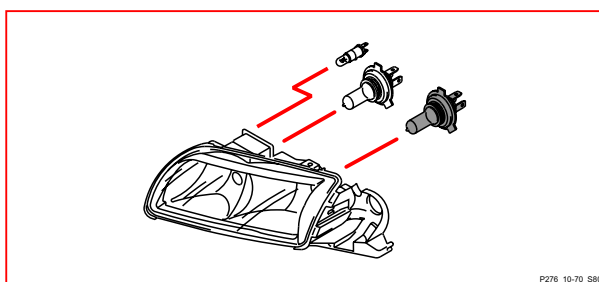
10/69 Auxiliary light, front left



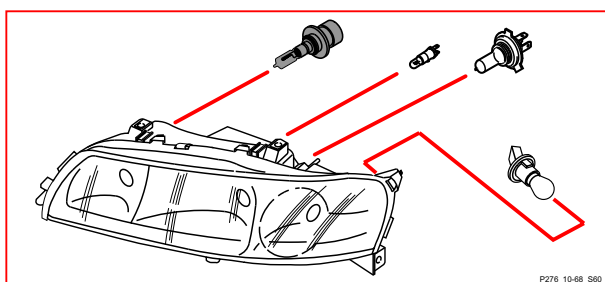
10/66 Right-hand low beam, S80



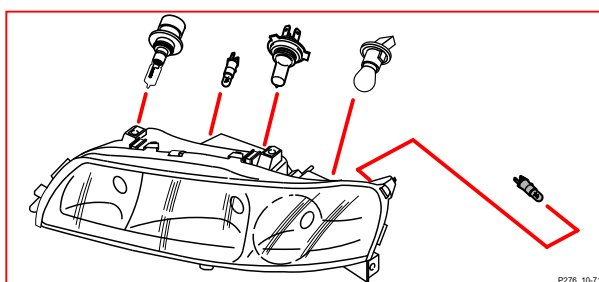
10/70 Left-hand low beam, S80



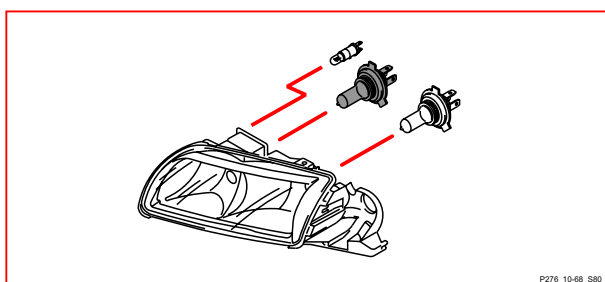
10/68 Left-hand high beam, S60



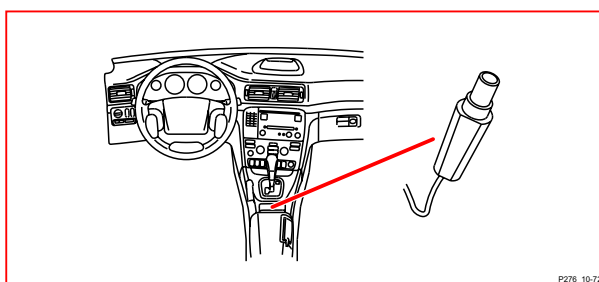
10/71 Side marker light, front left



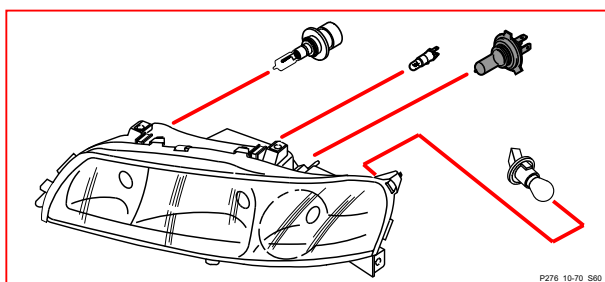
10/68 Left-hand high beam, S80



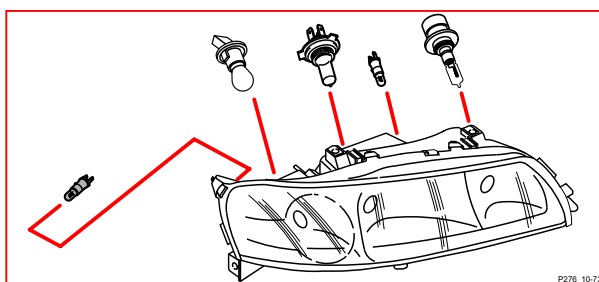
10/72 Front ashtray lighting



10/70 Left-hand low beam, S60



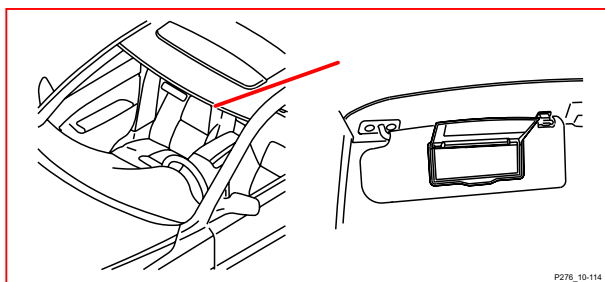
10/73 Side marker light, front right



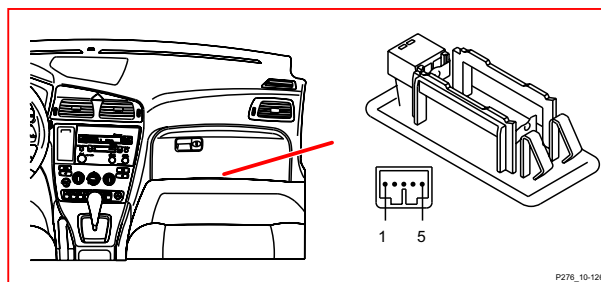
Component illustrations

10/114 -10/149

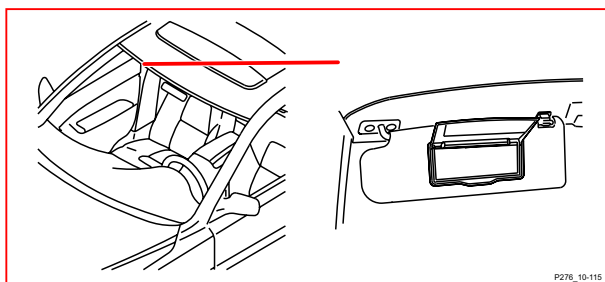
10/114 Left-hand vanity mirror lighting



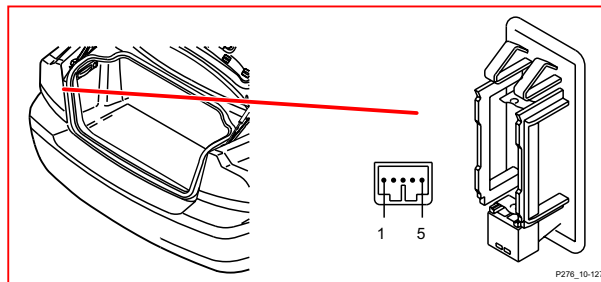
10/126 Right-hand front courtesy lighting



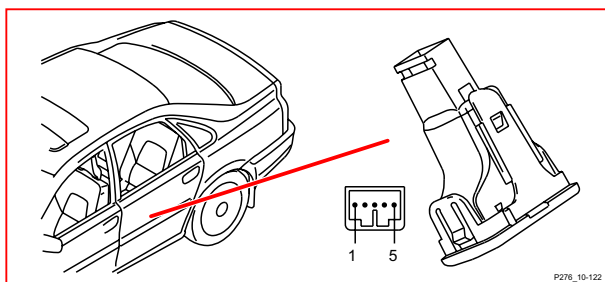
10/115 Right-hand vanity mirror lighting



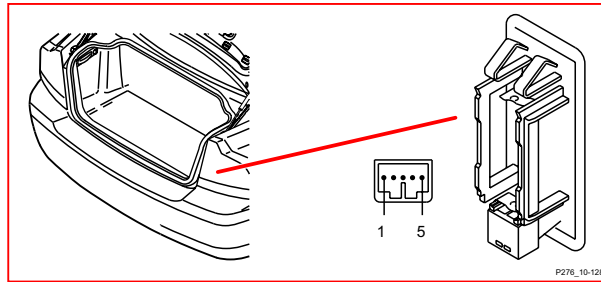
10/127 Lighting, cargo compartment, left-hand side



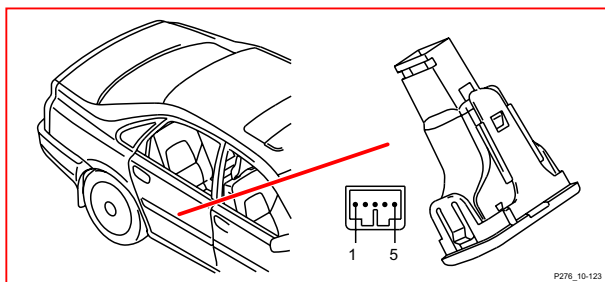
10/122 Left-hand rear courtesy lighting



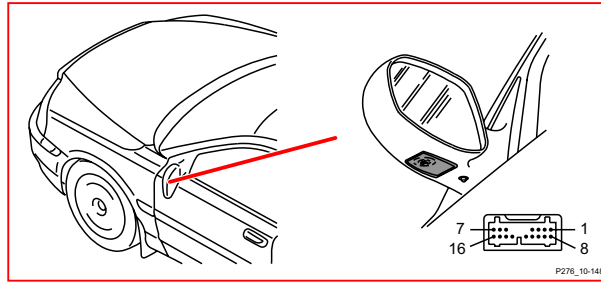
10/128 Lighting, cargo compartment, right-hand side



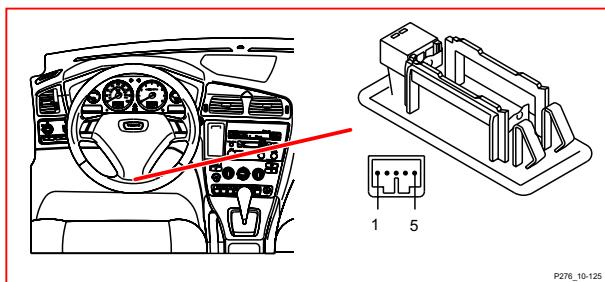
10/123 Right-hand rear courtesy lighting



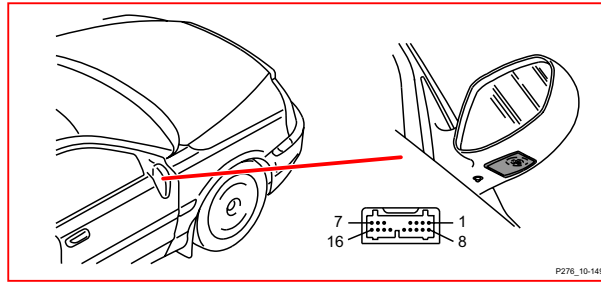
10/148 Driver's door mirror lighting



10/125 Left-hand front courtesy lighting



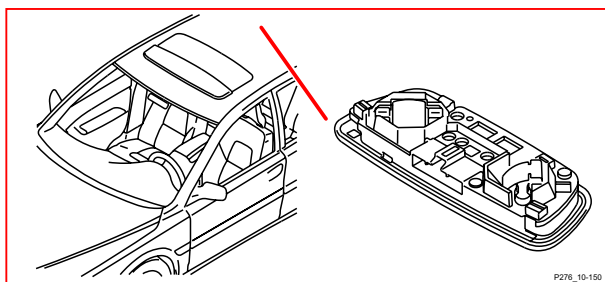
10/149 Passenger door mirror lighting



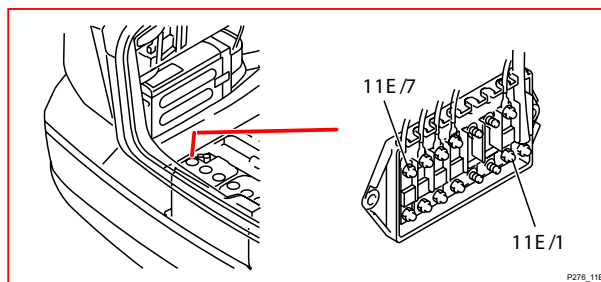
Component illustrations

10/150 - 15/31

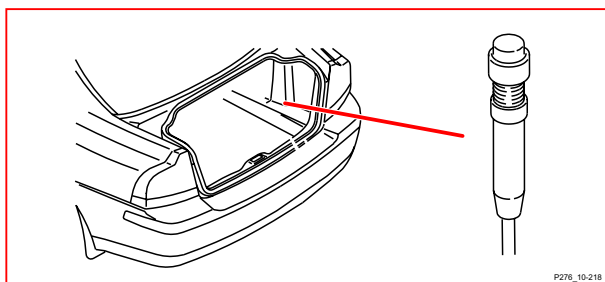
10/150 Rear reading light



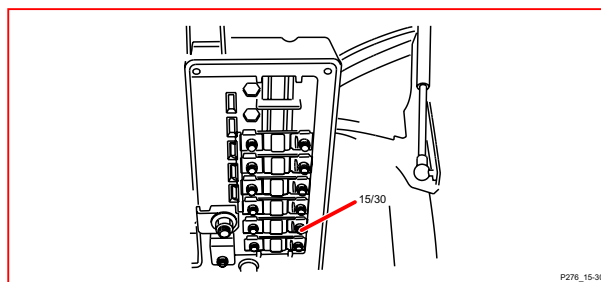
11E/no. Main fuses at battery



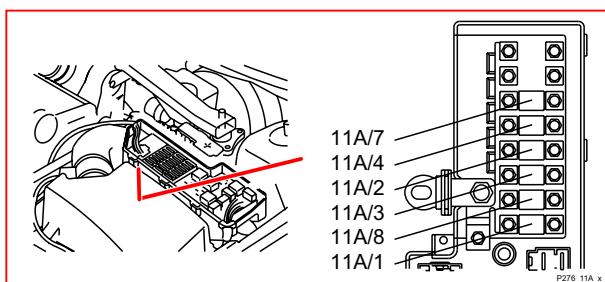
10/218 Indicator light, remote start



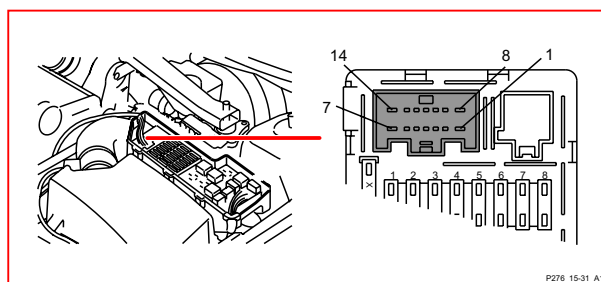
15/30 Connecting rail to 15/31



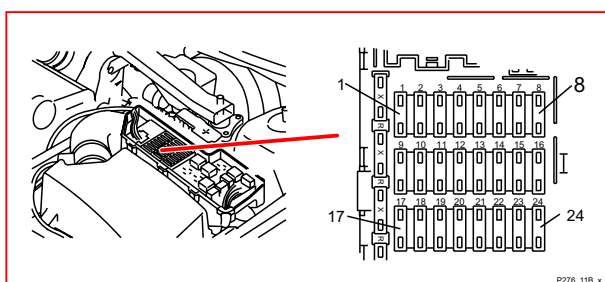
11A/no. Main fuses in engine compartment fuse box



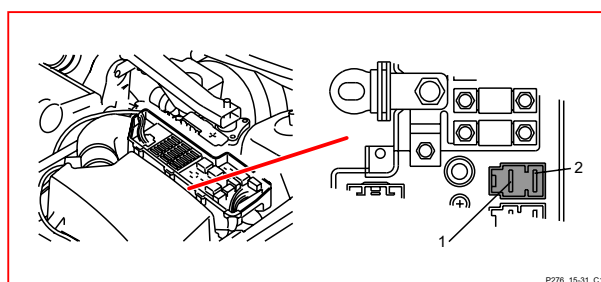
15/31 Engine compartment distribution box, A1



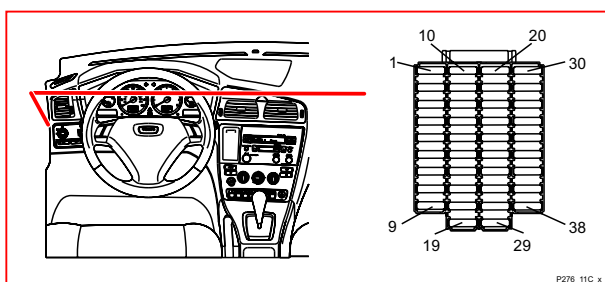
11B/no. Fuses in engine compartment fuse box



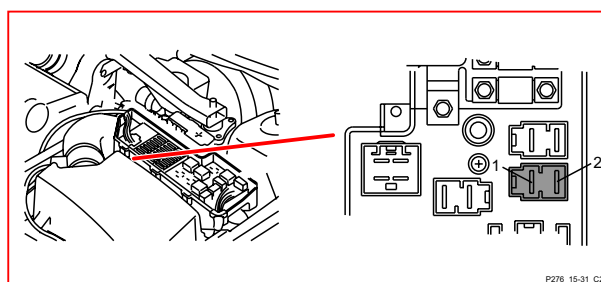
15/31 Engine compartment distribution box, C1



11C/no. Fuses in passenger compartment fuse box



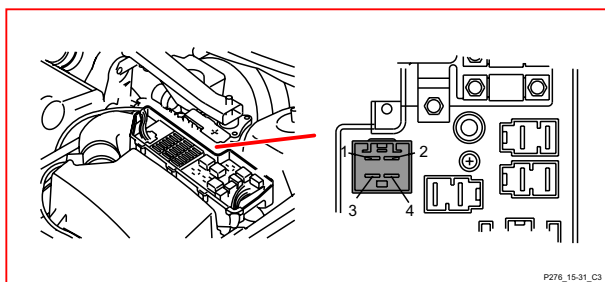
15/31 Engine compartment distribution box, C2



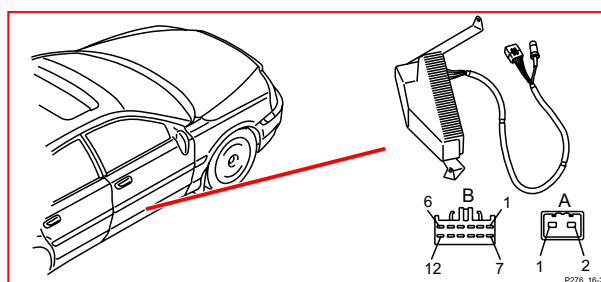
Component illustrations

15/31 - 16/6

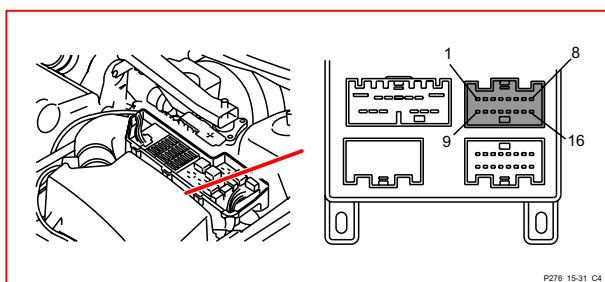
15/31 Engine compartment distribution box, C3



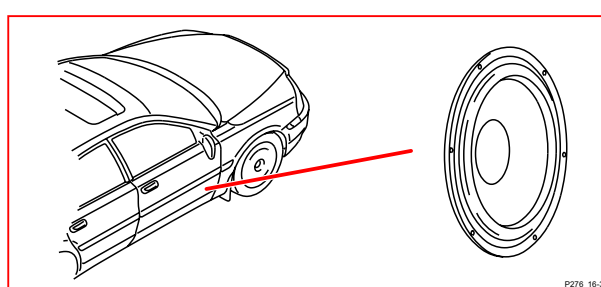
16/2 Amplifier



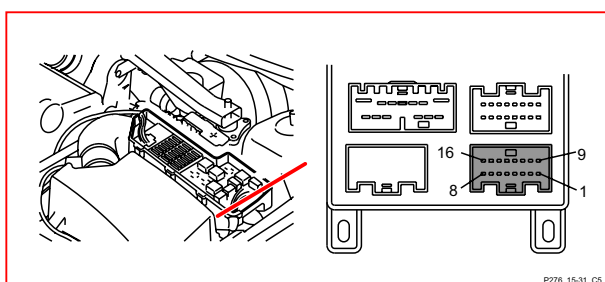
15/31 Engine compartment distribution box, C4



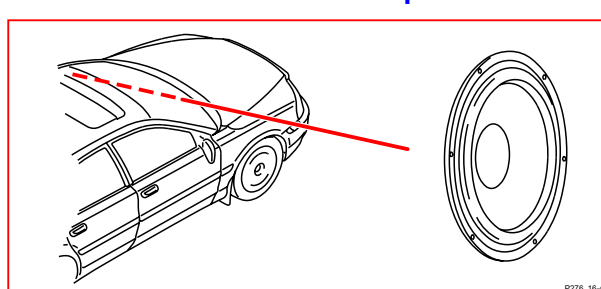
16/3 Right-hand front door speaker



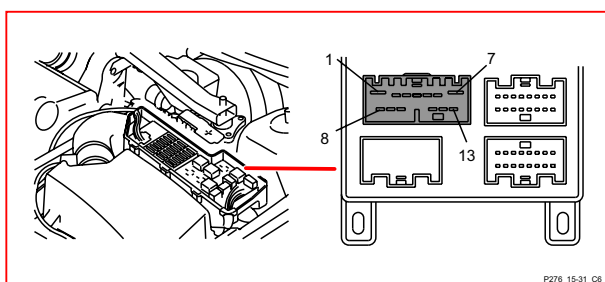
15/31 Engine compartment distribution box, C5



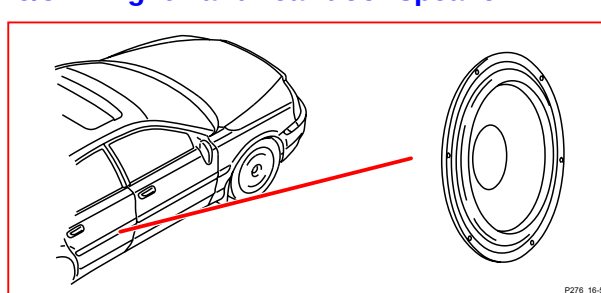
16/4 Left-hand front door speaker



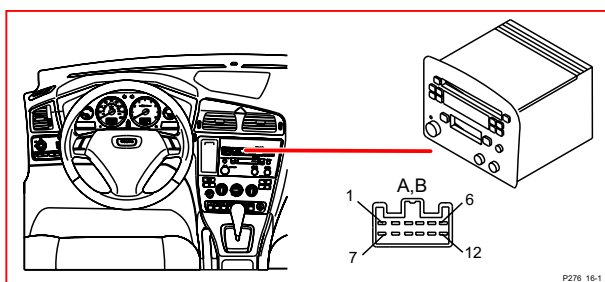
15/31 Engine compartment distribution box, C6



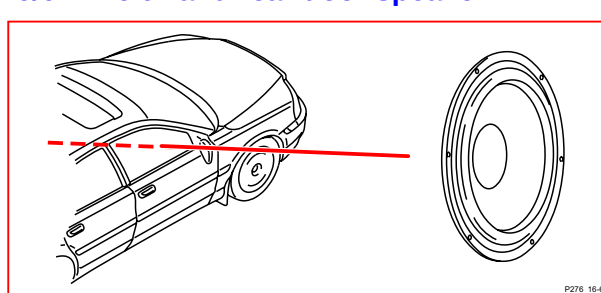
16/5 Right-hand rear door speaker



16/1 Audio Module (AUM)



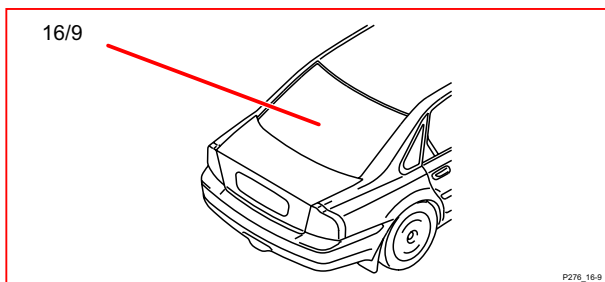
16/6 Left-hand rear door speaker



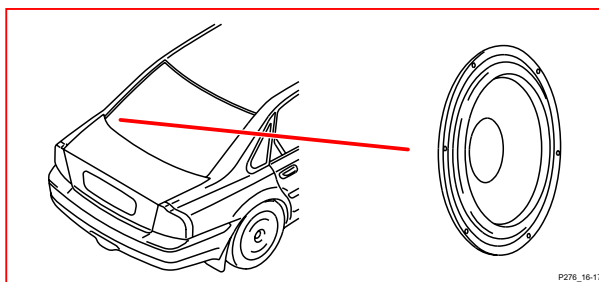
Component illustrations

16/9 - 16/36

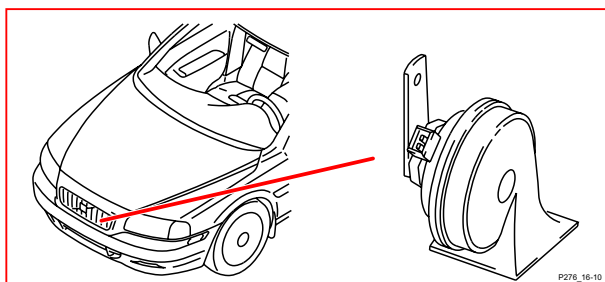
16/9 Window antenna



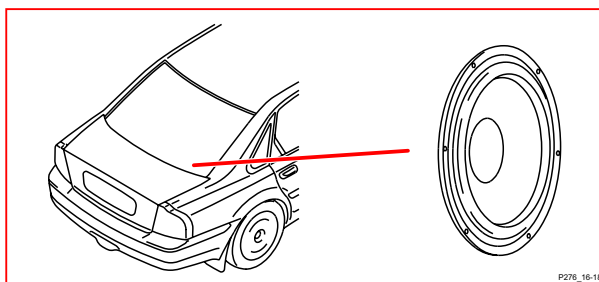
16/17 Left-hand speaker, rear shelf



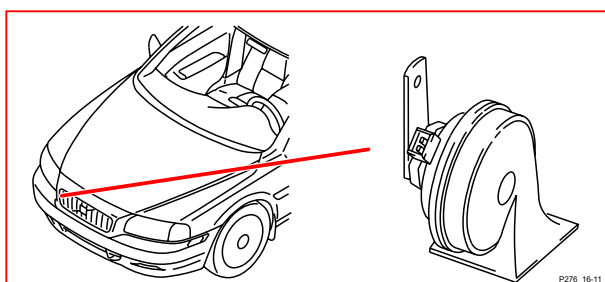
16/10 Horn 1



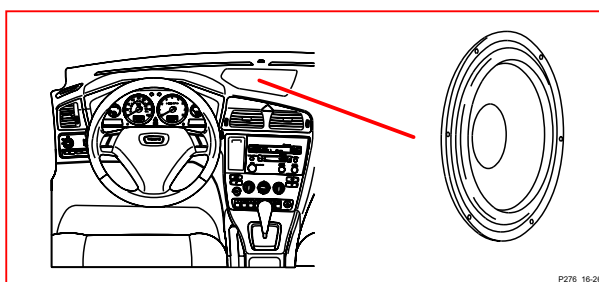
16/18 Right-hand speaker, rear shelf



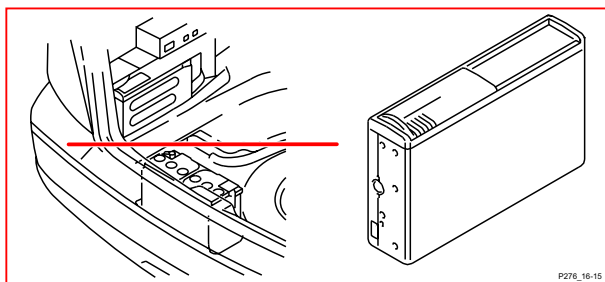
16/11 Horn 2



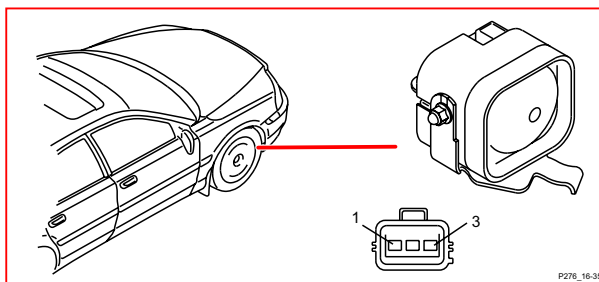
16/26 Center dashboard speaker



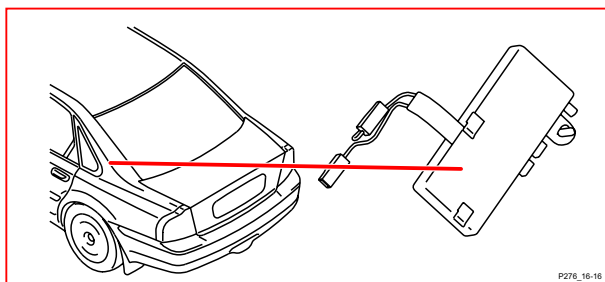
16/15 CD changer



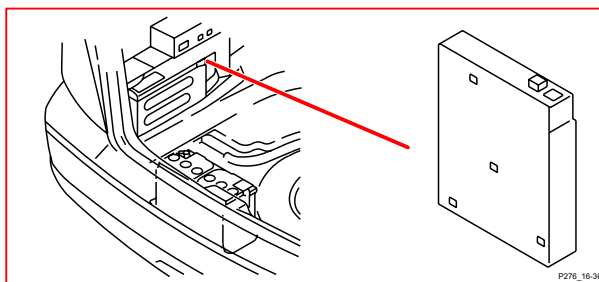
16/35 Siren Control Module (SCM)



16/16 Window antenna amplifier



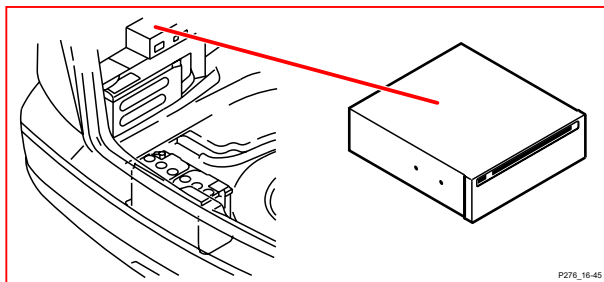
16/36 TV receiver



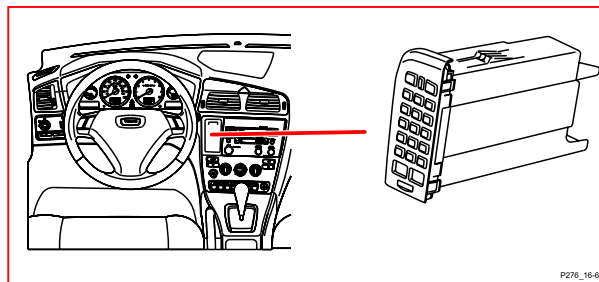
Component illustrations

16/45 - 16/67

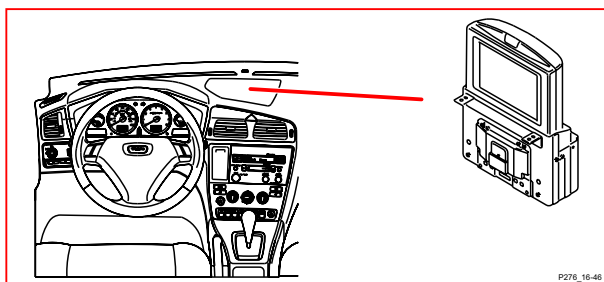
16/45 Road Traffic Information (RTI)



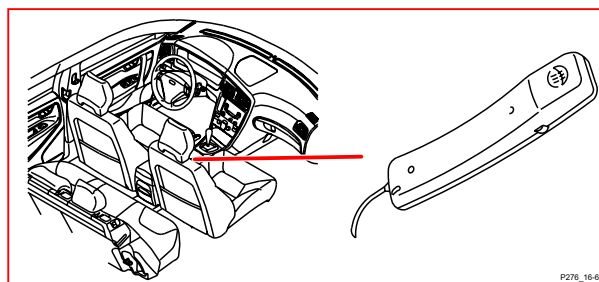
16/60 Phone Module (PHM)



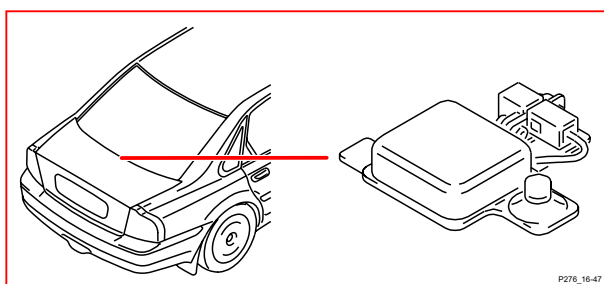
16/46 RTI Display



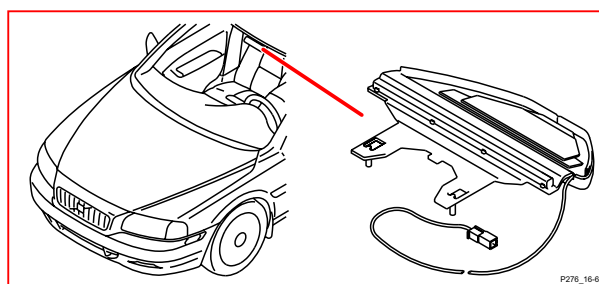
16/62 Hand unit, mobile phone



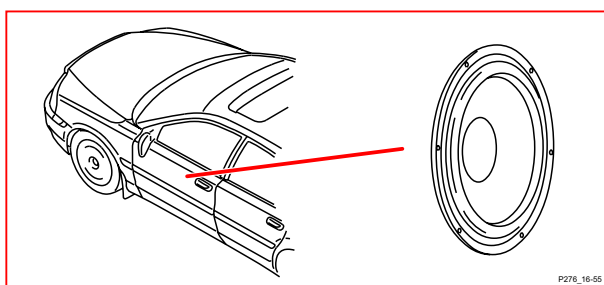
16/47 GPS antenna RTI



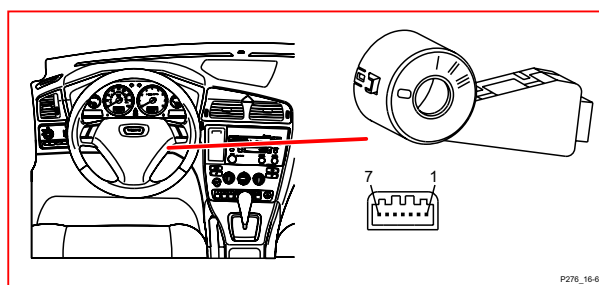
16/64 Antenna, mobile telephone



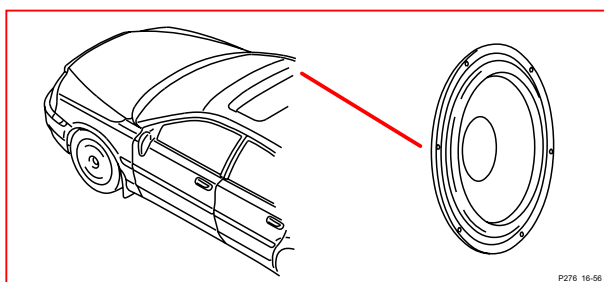
16/55 Left-hand front tweeter



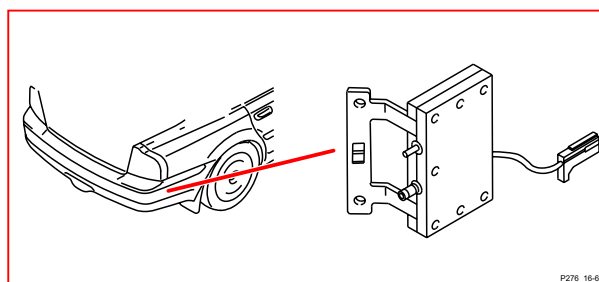
16/65 Antenna ring/ignition switch lighting



16/56 Right-hand front tweeter



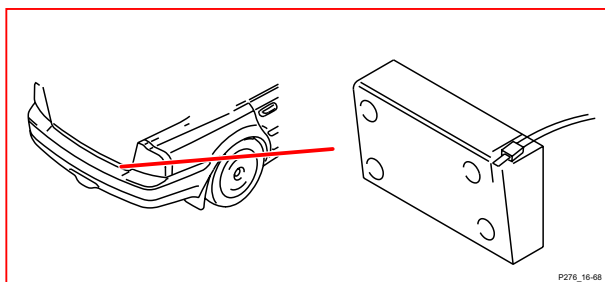
16/67 Amplifier antenna, bumper



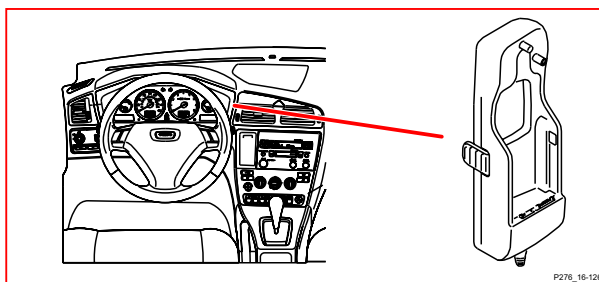
Component illustrations

16/68 - 17/19

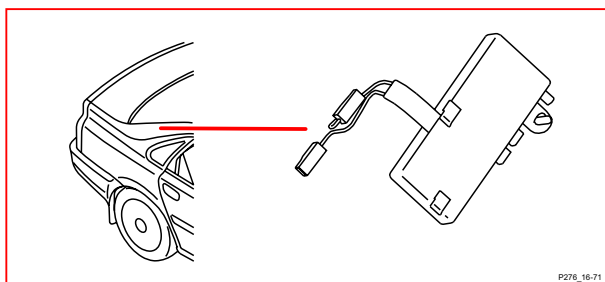
16/68 Antenna, bumper



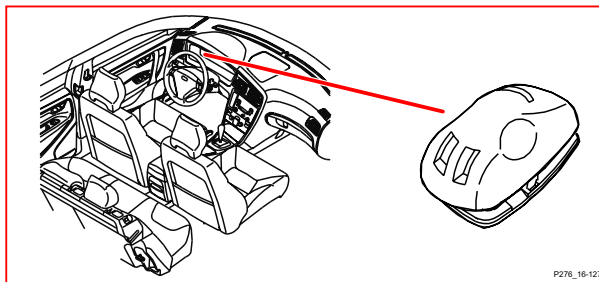
16/126 Holder, cellular telephone handsfree



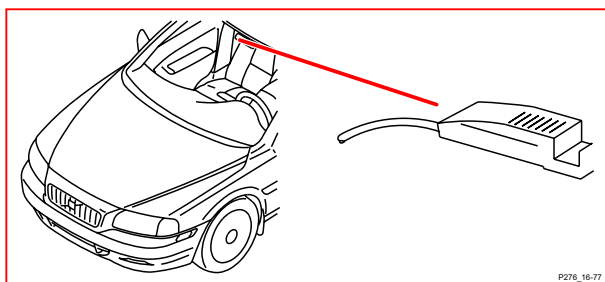
16/71 Window antenna amplifier 1, right



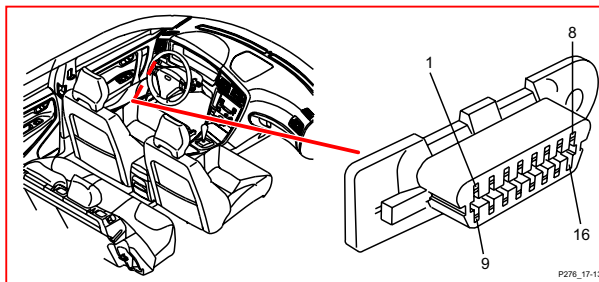
16/12 Microphone, cellular telephone handsfree



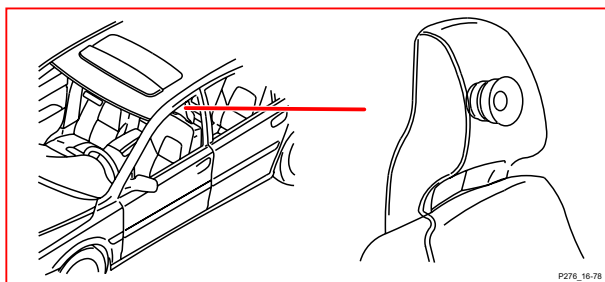
16/77 Microphone, mobile telephone



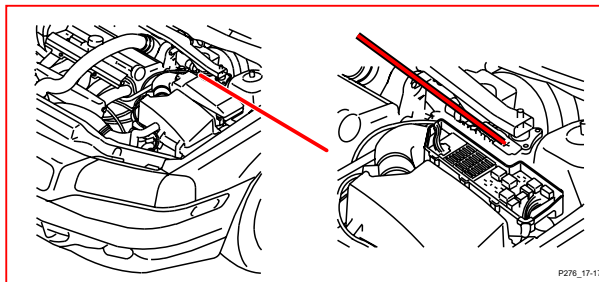
17/13 Data link connector



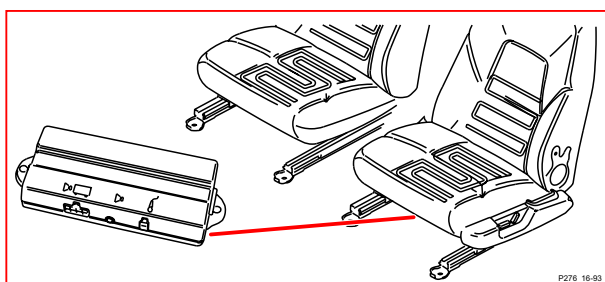
16/78 Speaker, mobile telephone



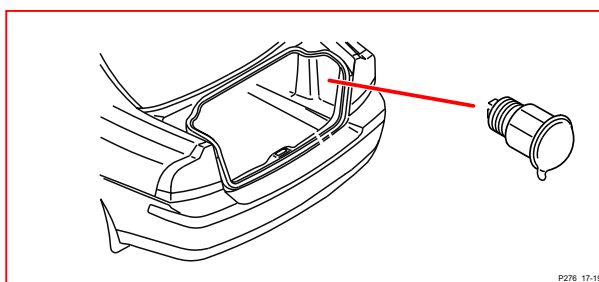
17/17 Jump start connection



16/93 Control module, cellular telephone handsfree

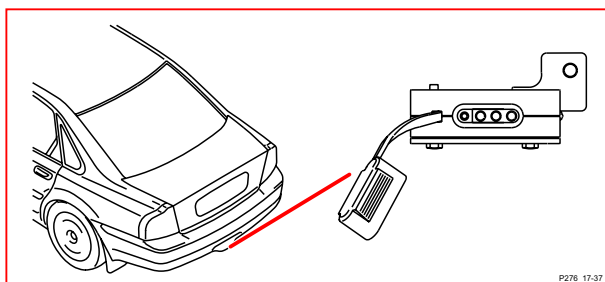


17/19 12V outlet, cargo compartment

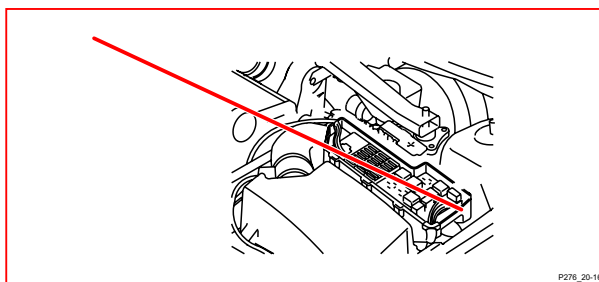


Component illustrations 17/37 - 31/4

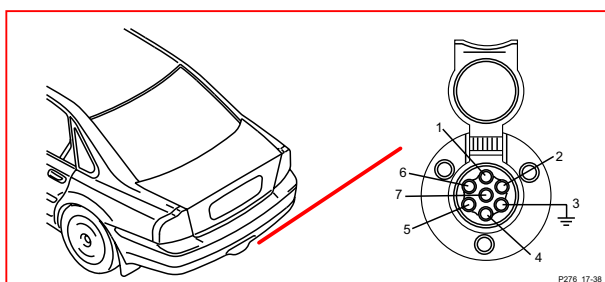
17/37 4-pin outlet, towbar cable harness



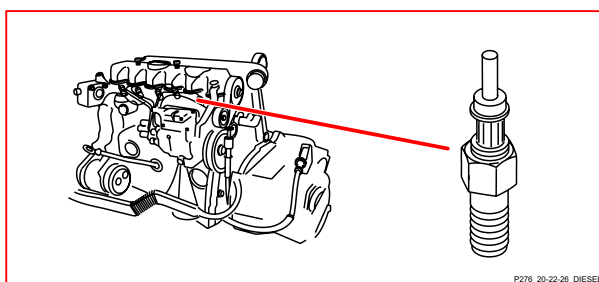
20/16 Capacitor



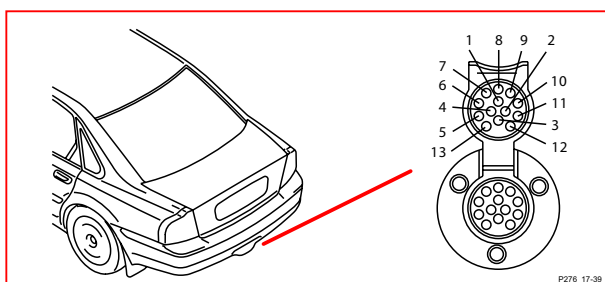
17/38 7-pin outlet, towbar cable harness



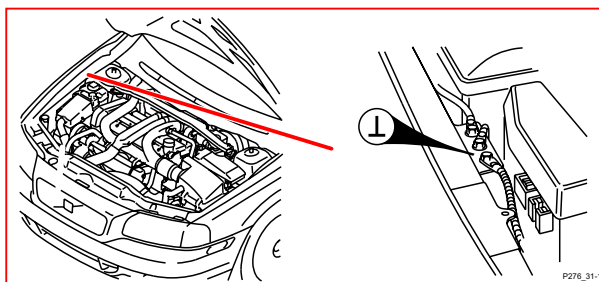
20/22-26 Glow plug



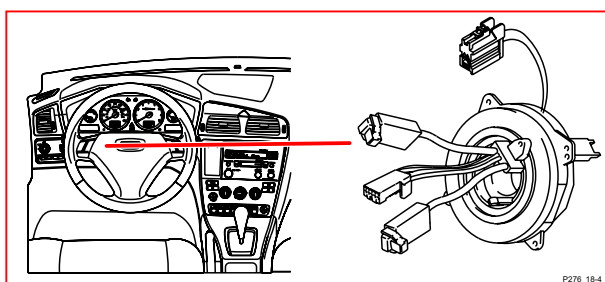
17/39 13-pin outlet, towbar cable harness



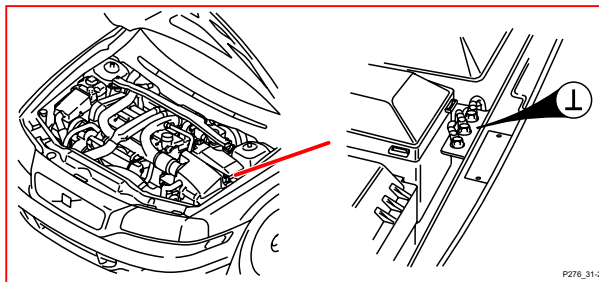
31/1 Ground connection, right MacPherson strut tower



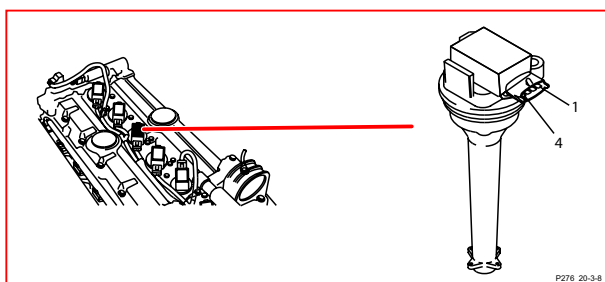
18/4 Contact reel



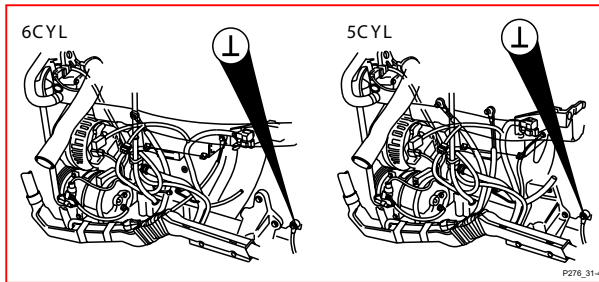
31/2 Ground connection, left MacPherson strut tower



20/3-8 Spark plug and ignition coil



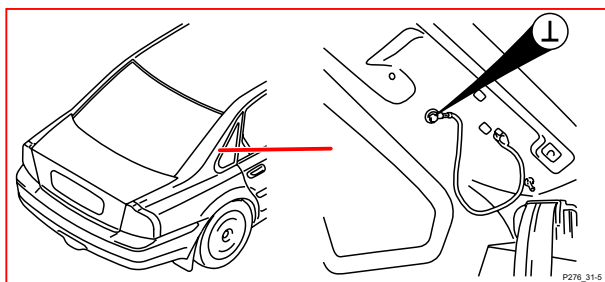
31/4 Ground connection, engine



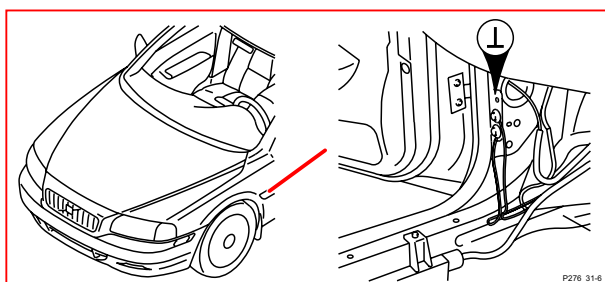
Component illustrations

31/5 - 31/67

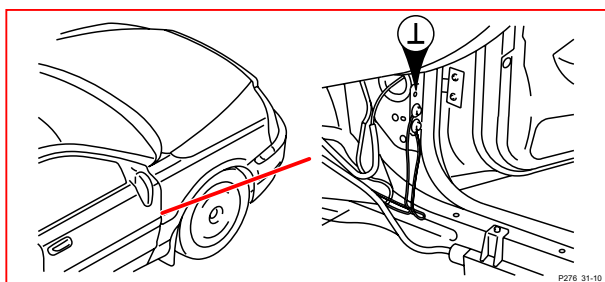
31/5 Ground connection, right D-post



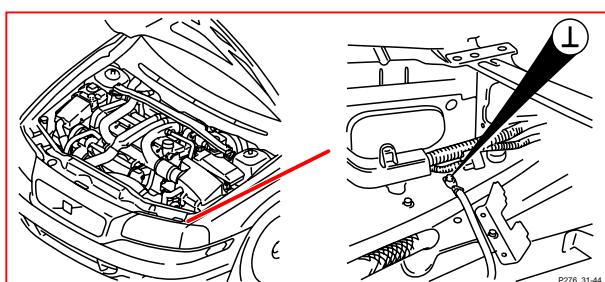
31/6 Ground connection, driver's side A-post



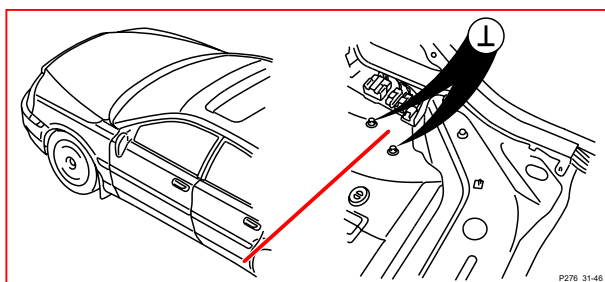
31/10 Ground connection, right-hand side A-post



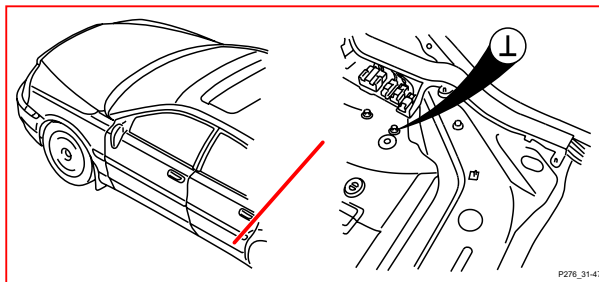
31/44 Ground connection, left-hand side member, lower engine compartment



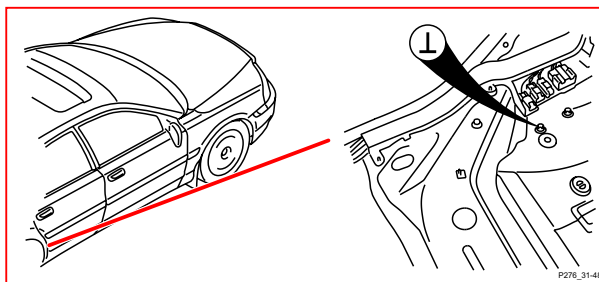
31/46 Ground connection, rear left seat riser



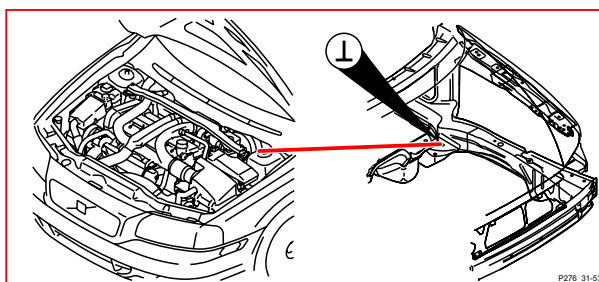
31/47 Ground connection, rear right seat riser



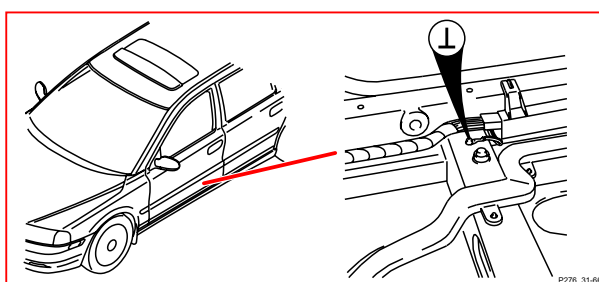
31/48 Ground connection, rear right seat riser



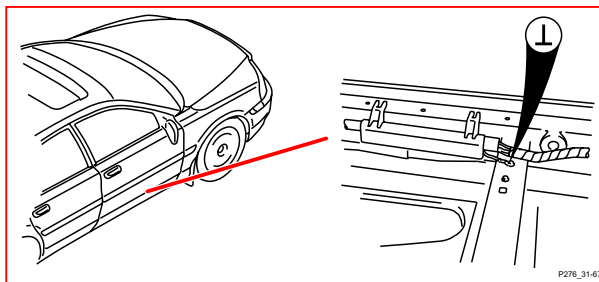
31/53 Ground connection, firewall



31/66 Ground connection, front left seat riser



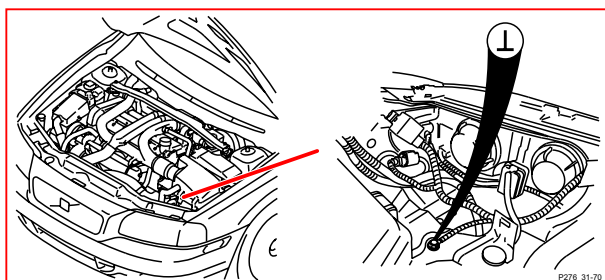
31/67 Ground connection, front right seat riser



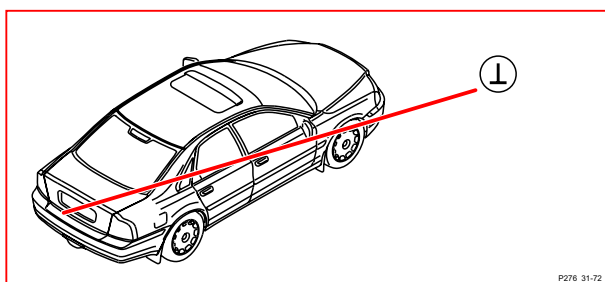
Component illustrations

31/70 - 31/94

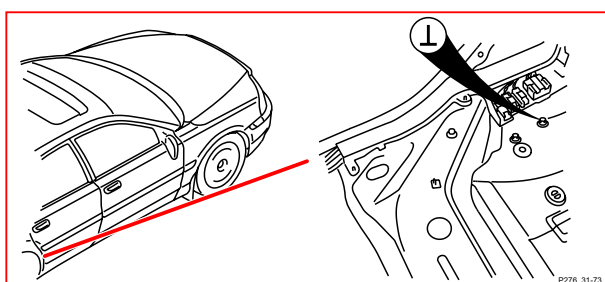
31/70 Ground connection, left-hand side member, lower engine compartment



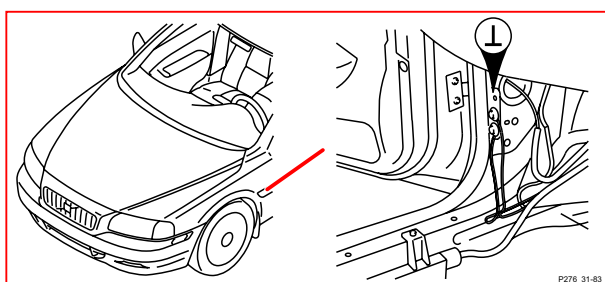
31/72 Ground connection, cargo compartment



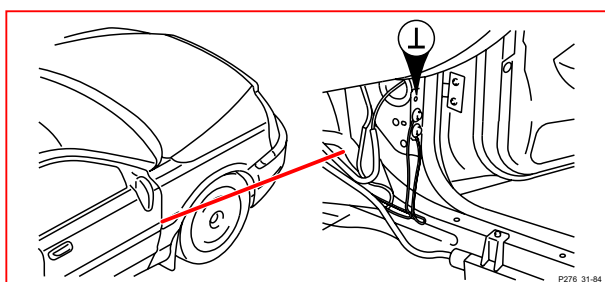
31/73 Ground connection, rear right seat riser



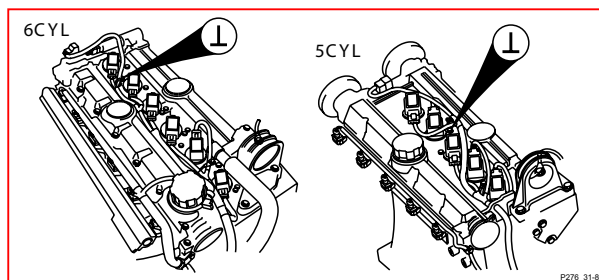
31/83 Ground connection, left-hand side A-post



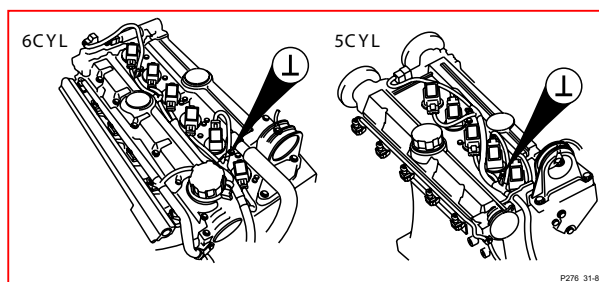
31/84 Ground connection, right-hand side A-post



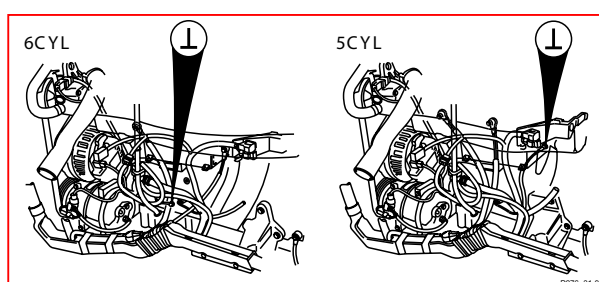
31/88 Ground connection, Engine ignition coils, group 1



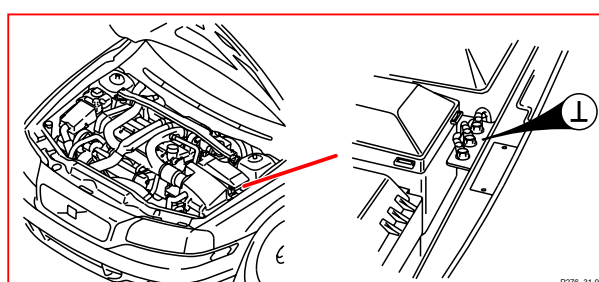
31/89 Ground connection, Engine ignition coils, group 2



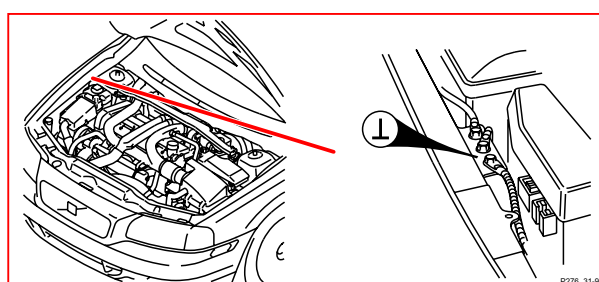
31/91 Ground connection, engine



31/93 Ground connection, left MacPherson strut tower



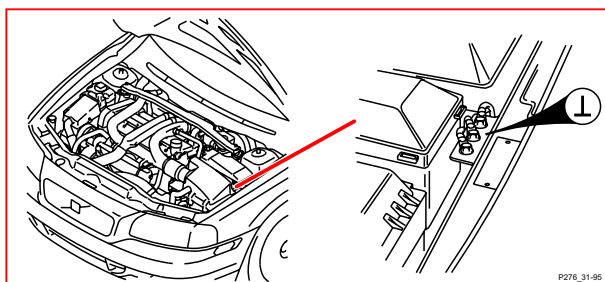
31/94 Ground connection, right MacPherson strut tower



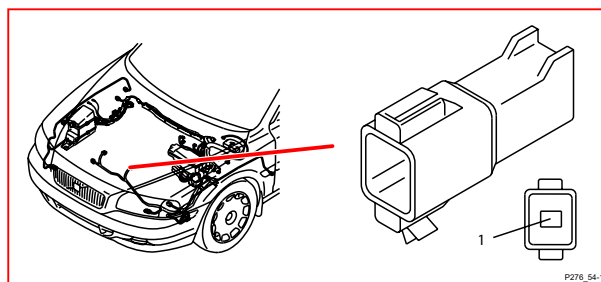
Component illustrations

31/95 - 54/7

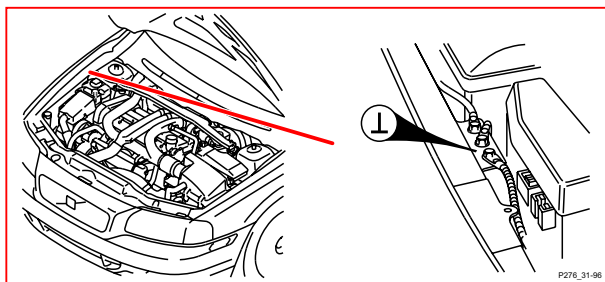
31/95 Ground connection, left MacPherson strut tower



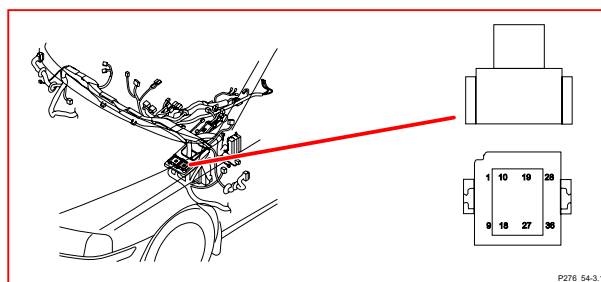
54/1 Connector



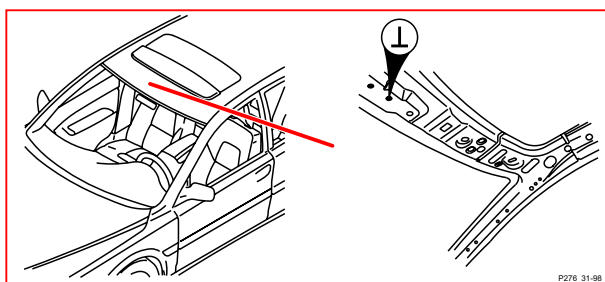
31/96 Ground connection, right MacPherson strut tower



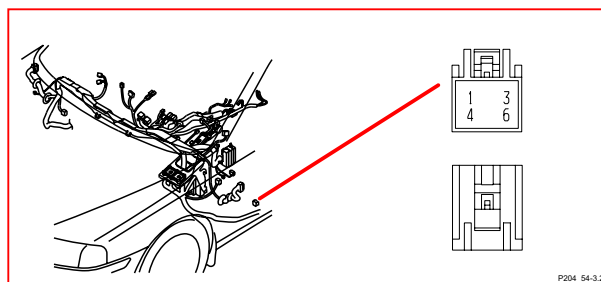
54/3.1 Connector



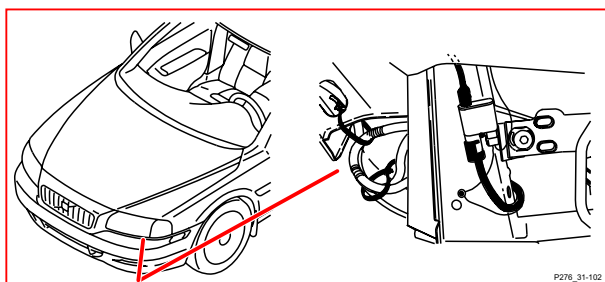
31/98 Ground connection, upper windshield member



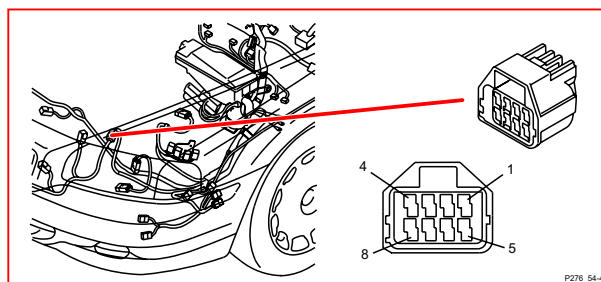
54/3.2 Connector



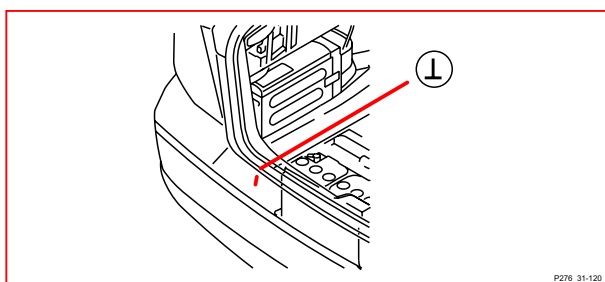
31/102 Ground connection, front member



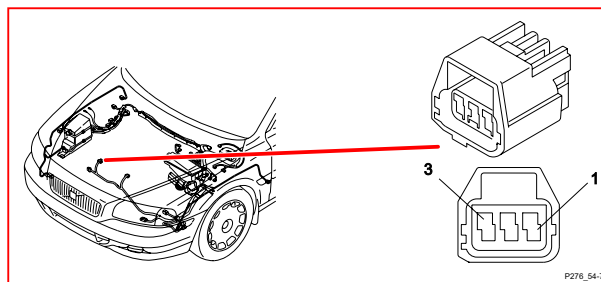
54/4 Connector



31/120 Ground connection, cargo compartment



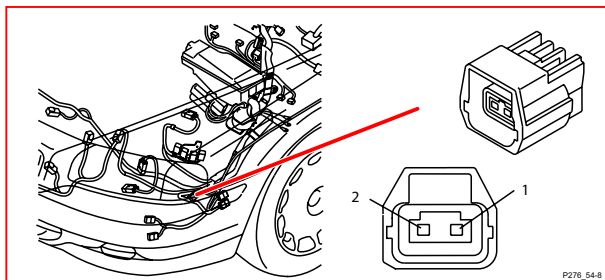
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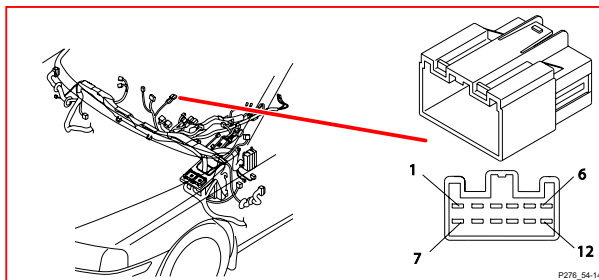
Component illustrations

54/8 - 54/23

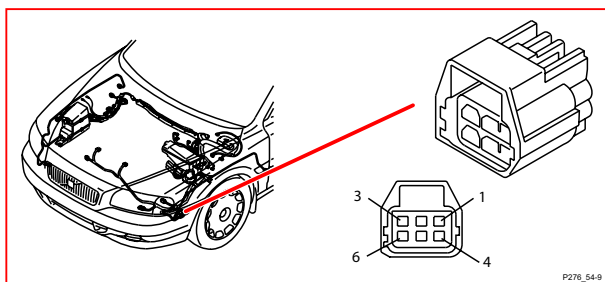
54/8 Connector



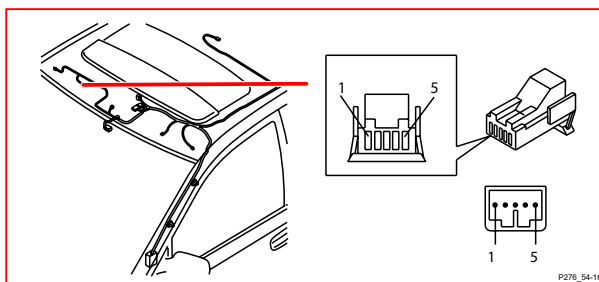
54/14 Connector



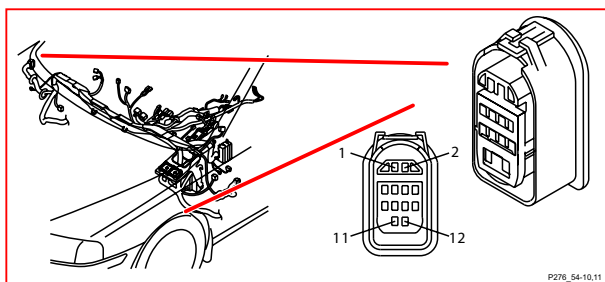
54/9 Connector



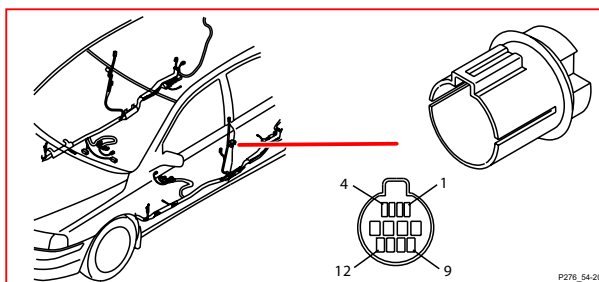
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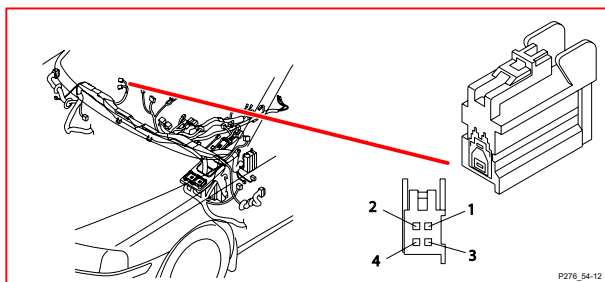
54/10-11 Connector



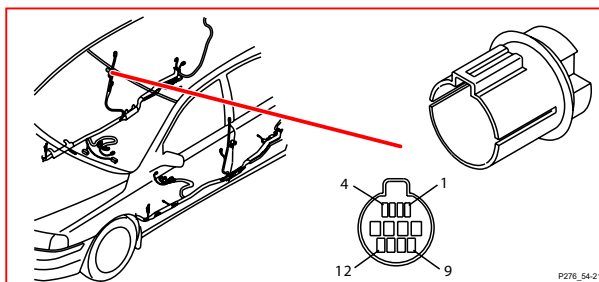
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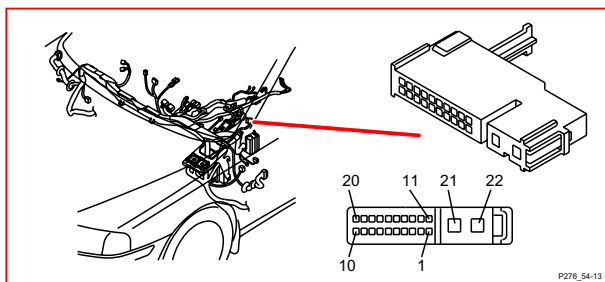
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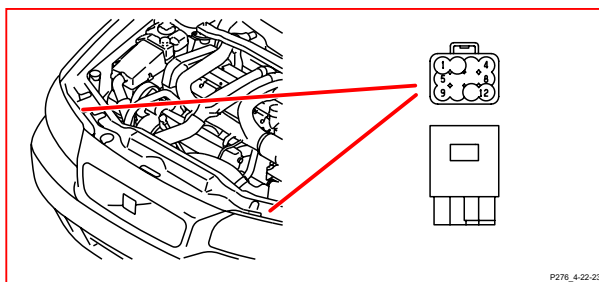
54/21 Connector



54/13 Connector



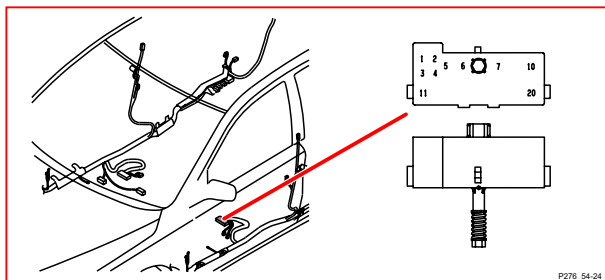
54/22-23 Connector



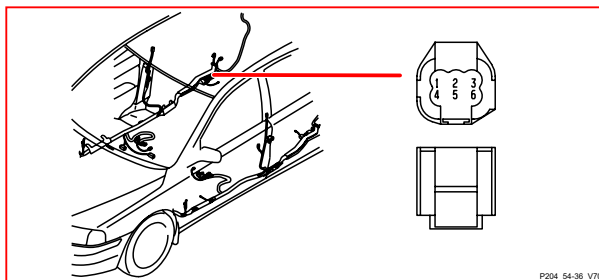
Component illustrations

54/24 - 54/53

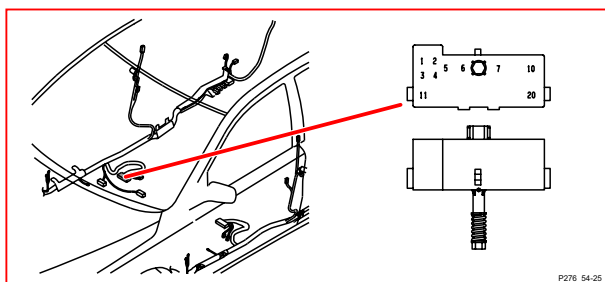
54/24 Connector



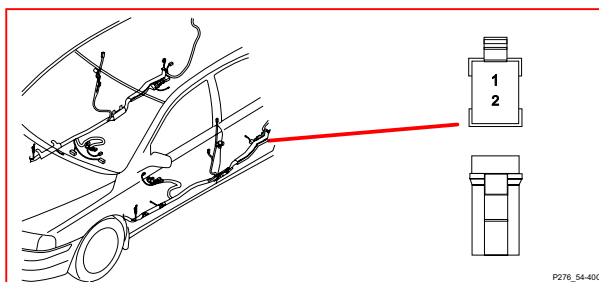
54/36 Connector



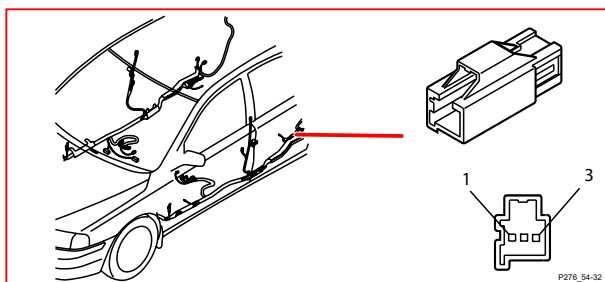
54/25 Connector



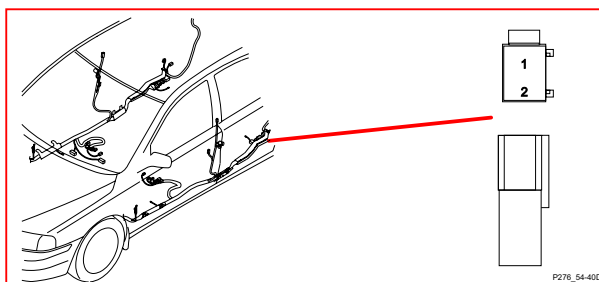
54/40C Connector



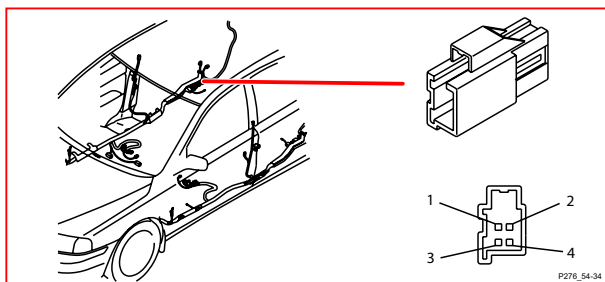
54/32 Connector



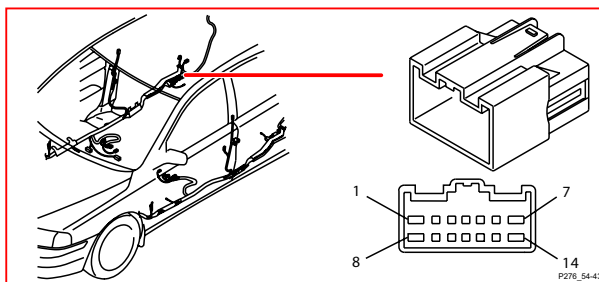
54/40D Connector



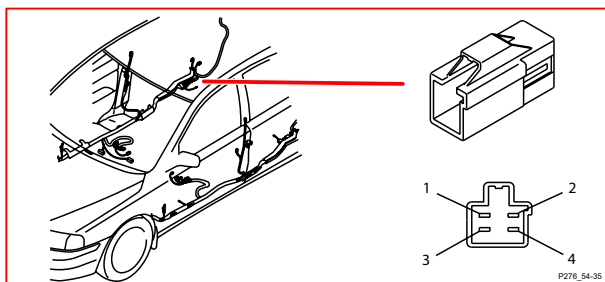
54/34 Connector



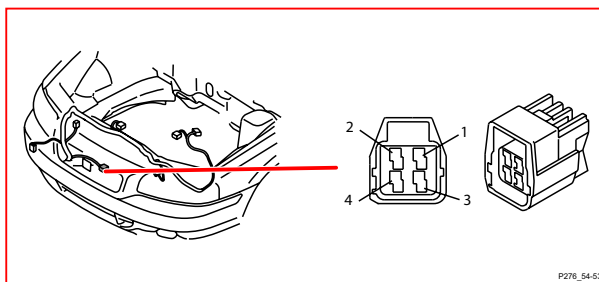
54/43 Connector



54/35 Connector



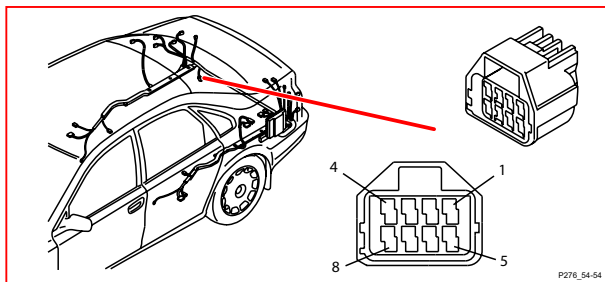
54/53 Connector



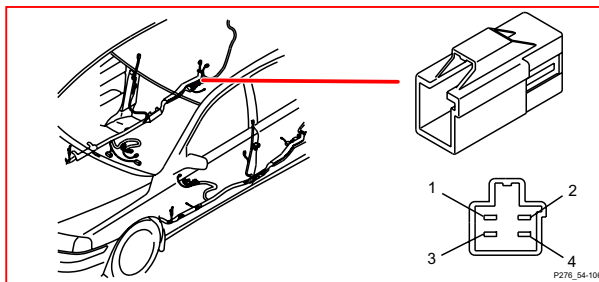
Component illustrations

54/54 - 54/1400

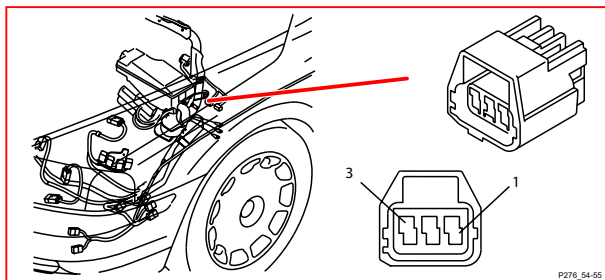
54/54 Connector



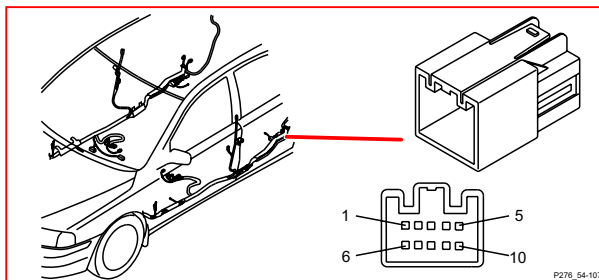
54/106 Connector



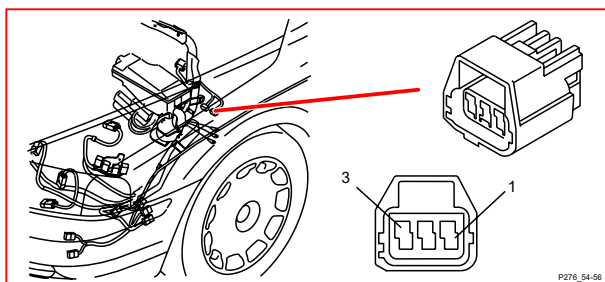
54/55 Connector



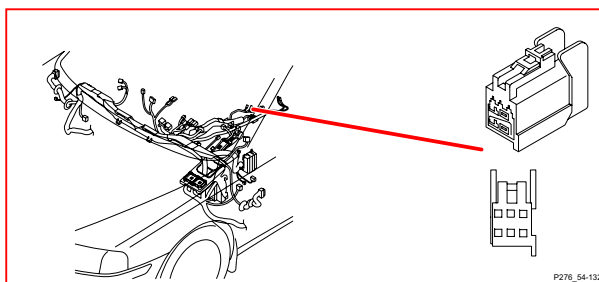
54/107 Connector



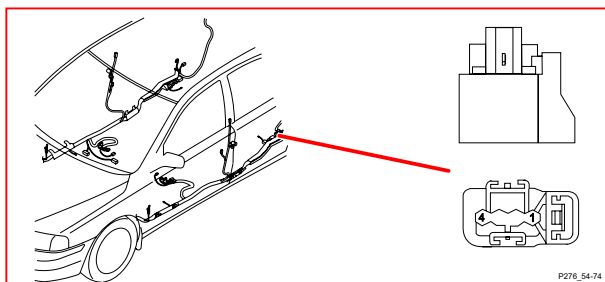
54/56 Connector



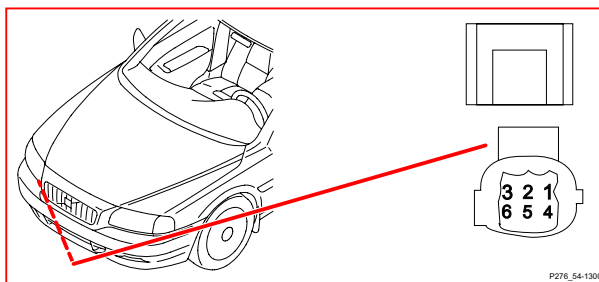
54/132 Connector



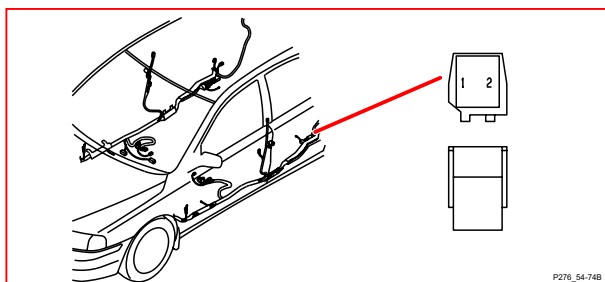
54/74 Connector



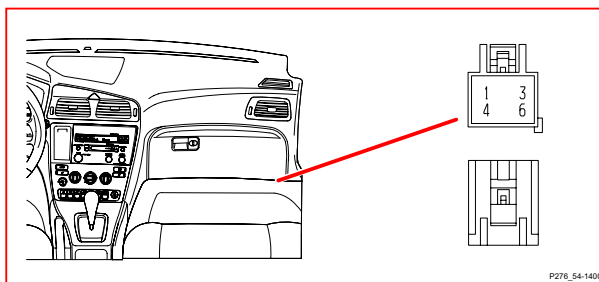
54/1300 Connector



54/74B Connector



54/1400 Connector



Index

12V outlet	80
12V outlet, cargo compartment	81

A

Abbreviations	5
Accessories	67, 76, 81, 82, 83, 84, 94, 95, 96, 117, 118, 119, 120
Accessory Electronic Module (AEM)	76
Additional electrical equipment, Group 36	68
Alternator and voltage regulator, Group 32	54
Anti-theft alarm	75
Audio	90
Audio adapter cable harness	96
Audio with auxiliary amplifier	88
Automatic transmission	97, 98
Auxiliary light	67

B

Beam length adjustment	66
Bi-Fuel harness	161
Brake control system (BCM)	102
Brake lights	60
Brake system, Group 59	102

C

Cable harness routing in vehicle	151
Cargo compartment harness	157
Cellular phone	91
Central Electronic Module (CEM)	32
Central locking	105
Climate control system	114
Climate controls, Group 87	116
Color abbreviations	5
Component illustrations	162
Connectors	124
Control modules	30
Cooling fan	52
Cooling system, Group 26	52
Countries/Markets, abbreviations	5
Cruise control	53

D

Diagnostics system	79
Differential Electronic Module (DEM)	101
Direction indicator	69
Door harness	160
Doors and openings, Group 83	105
Driver information module	86
Driver information module, Bi-Fuel	87

E

Electrically adjustable head restraint	122
Electronic immobilizer	74
Electronic power steering	103
Emission control, 5-cyl	50
Emission control, 5-cyl & 6-cyl Turbo	51
Engine compartment harness	153, 154
Engine control, Group 27	53
Engine harness, Diesel	152
Engine harness, Gasoline	151
Engine management system, 5-cyl	40
Engine management system, 5-cyl Turbo	42
Engine management system, 6-cyl	44
Engine management system, Bi-fuel	46
Engine management system, Diesel	48
Exterior decorative elements etc., Group 84	108

F

Fog lights	59
Four-C	104
Fuel system, Group 23	40
Fuses	10
Fuses by the battery, 11E	15
Fuses in the engine compartment distribution box	10
Fuses in the engine compartment, 11A	10
Fuses in the passenger compartment, 11C	15
Fuses, Central Electronic Module (CEM)	16
Fuses, Rear Electronic Module (REM)	18

G

Geartronic	99
Ground connections	22, 26
Groups	5

H

Handsfree, accessory	94
Heated door mirrors	109
Heated rear window	110
Heated seats	113
High and low beam	58
High and low beam (Bi-Xenon)	56, 57
High pressure headlight washer	72
High speed CAN data communication	36
Home safe lighting	64
Horn	73
How to use the wiring diagrams	6

I

Ignition switch and relays	20
Ignition switch symbols	5
Instruments, Group 38	85
Interior lighting	65
Internal equipment, Group 88	121

J

Junction points	142
-----------------------	-----

L

LIN data communication	38
List of components	210, 211, 212, 213
List of symbols	7
Low speed CAN data communication	37

O

Other, Group 39	90
Overview of control module designations	31
Overview of electrical distribution	8

P

Parking assistance	78
Parking heater, auxiliary heater	116
Parking heater, call start	118
Parking heater, remote start	119
Passenger compartment harness	155, 156
Position/parking lights	62, 63
Power door mirrors	108
Power driver's seat	111
Power passenger seat	112
Power sunroof	107
Power supply	54
Power windows	106

Index 2

R

Rain sensor	68
Rear Electronic Module (REM)	34
Relay, electric engine heater	117
Relays	20
Remote garage door opener	123
Reversing lights	61
Road Traffic Information (RTI)	92
Road Traffic Information (RTI) and CD changer	93
Roof harness	158

S

Seat belt reminder	85
Shift lock	100
Shock absorbers, Group 76	104
Short stop heater	120
Starting system	55

Starting system, Group 33	55
Steering, Group 64	103
Supplemental Restraint System (SRS)	121

T

Table of Contents	3
Towbar cable harness, 13-pin	84
Towbar cable harness, 4-pin	82
Towbar cable harness, 7-pin	83
Transmission, Group 43	97
Trunk lid harness	159

W

Wiper/washer, headlights	71
Wiper/washer, windshield	70
Wiring and fuses, Group 37	79

List of components 1:4

1/1	Battery	3/225	Switch unit, Continuously Controlled Damping (CCD), S80
2/14	Relay, glow plug unit	3/254	Steering Wheel Module (SWM)
2/22	Relay, climate control system		
2/32	Engine management system main relay	4/7	Combustion Preheater Module (CPM)
2/33	Relay, fuel system	4/9	Control module, Supplemental Restraint System (SRS)
2/35	Starter motor relay		
2/64	Auxiliary light (accessory) relay	4/16	Brake control module (BCM)
2/90	Relay, windshield wiper, low/high speed	4/28	Transmission Control Module (TCM)
2/91	Relay, intermittent wiping	4/31	Fan control module
2/182	Relay, high pressure headlight washer motor	4/33	Sunroof control module
2/191	Relay, remote parking heater start, radio signal	4/46	Engine Control Module (ECM)
		4/50	Electronic Throttle Module (ETM)
2/192	Relay (230 V), engine heater	4/52	Power Seat Module (PSM)
		4/56	Central Electronic Module (CEM)
3/1	Ignition switch	4/58	Rear Electronic Module (REM)
3/4	Switch unit, cruise control (SWS), S60	4/68	Steering Angle Sensor Module (SAS)
3/4	Switch unit, cruise control (SWS), S80	4/70	Upper Electronic Module (UEM)
3/6	Hazard warning flasher switch S60	4/71	Cooling fan control module
3/6	Hazard warning flasher switch S80	4/76	Remote control unit for garage door opener
3/8	Heated rear window/door mirror switch	4/78	Accessory Electronic Module (AEM)
3/9	Brake light contact	4/82	Differential Electronic Module (DEM)
3/10	Reversing light contact	4/83	Fuel pump control module
3/25	Power sunroof switch	4/84	Suspension Module (SUM)
3/26	Switch unit, power driver's seat	4/86	Parking Assistance Module (PAM)
3/27	Switch unit, power passenger seat	4/99	Electronic power steering control module
3/35	Trunk handle switch	4/106	Control module, remote parking heater start
3/37	Horn contact, S60	4/107	Control module, parking heater, Call start
3/37	Horn contact, S80	4/110	Trailer Module (TRM)
3/47	Parking brake contact		
3/59	Control, beam adjustment	5/1	Driver Information Module (DIM)
3/60	Auxiliary light switch		
3/62	Hood alarm contact	6/1	Windshield wiper motor
3/71	Gear selector contact, AW 55-50/51	6/3	Right-hand headlight wiper motor
3/71	Gear selector contact, 4T65EV	6/4	Left-hand headlight wiper motor
3/74	Lock unit, front left door	6/15	Sunroof motor
3/75	Right-hand front door lock unit	6/16	Driver seat motor, backrest angle
3/76	Left-hand rear door lock unit	6/17	Driver seat motor, up/down front edge
3/77	Right-hand rear door lock unit	6/18	Driver seat motor, up/down rear edge
3/78	Trunk lid lock unit	6/19	Driver seat motor, forward/backward
3/80	Switch, left-hand central lock	6/20	Passenger seat motor, forward/backward
3/82	Switch, right-hand central lock	6/25	Starter motor
3/85	Rear left door power window switch	6/26	Alternator Control Module (ACM)
3/86	Rear right door power window switch	6/28	Motor, passenger compartment fan
3/91	Switch, left-hand heated seat	6/29	Motor, electric cooling fan
3/92	Switch, right-hand heated seat	6/33	Fuel pump
3/93	Switch, left-hand seat belt buckle	6/35	Fuel pump, auxiliary heater
3/94	Switch, right-hand seat belt buckle	6/37	Lock motor, fuel filler flap
3/95	Spin control switch	6/38	Left-hand headlight level adjustment motor
3/111	Switch unit, lights	6/39	Right-hand headlight adjustment motor
3/112	Climate Control Module (CCM)	6/44	Cooling fan, electrics box, engine compartment
3/113	Rear adjustable head restraint relay		
3/117	Switch unit, dome light	6/48	Damper Motor Module (DMM), recirculation
3/126	Driver/Passenger Door Module (DDM)/(PDM)	6/58	Motor, front left power window
3/127	Passenger/Driver Door Module (PDM)/(DDM)	6/60	Motor, front right power window
3/131	Switch, audio/cellular phone, S60	6/62	Power driver's door mirror
3/131	Switch, audio/cellular phone, S80	6/63	Power passenger door mirror
3/135	Switch, RTI, S60	6/64	Passenger seat motor, backrest angle
3/135	Switch, RTI, S80	6/65	Passenger seat motor, up/down front edge
3/155	Automatic transmission program selector	6/66	Passenger seat motor, up/down rear edge
3/156	Gear Selector Module (GSM)	6/67	Pump, fuel leakage control
3/157	Switch, passenger side airbag	6/69	Damper Motor Module (DMM)
3/171	Switch, retractable door mirrors	6/73	Coolant pump, auxiliary heater
3/173	Switch, trunk lid private lock	6/92	Motor, rear left power window
3/174	Switch, reduced alarm	6/93	Motor, rear right power window
3/225	Switch unit, Continuously Controlled Damping (CCD), S60R	6/95	Damper Motor Module (DMM), left-hand side
		6/96	Damper Motor Module (DMM), right-hand side

List of components 2:4

6/102	Damper Motor Module (DMM), defroster	7/139	Brake pressure sensor 1
6/103	Damper Motor Module (DMM), floor/ventilation	7/143	Fuel level sensor, pump side
6/104	High pressure headlight washer motor	7/149	Rain Sensor Module (RSM)
6/105	Fuel distributor, gas	7/153	Sensor, fuel level LPG
6/114	Vacuum pump	7/156	Pressure and temperature sensor
6/120	Engine throttle body	7/156	Pressure and temperature sensor (CNG)
6/127	Washer motor	7/159	Air Quality Sensor (AQS)
		7/164	Body Sensor Cluster (BSC)
		7/165	Pressure and temperature sensor, intake manifold
7/4	Brake fluid level sensor		
7/5	Washer fluid level sensor	7/172	Camshaft position sensor, intake side
7/6	Oil pressure sensor	7/173	Camshaft position sensor, exhaust side
7/8	Pressure sensor, climate control system	7/173	Camshaft position sensor, exhaust side, diesel
7/10	Interior temperature sensor		
7/11	Outside temperature sensor	7/201	Pressure and temperature sensor, gas
7/12	Solar sensor, twilight sensor and indicator alarm	7/204	Parking assistance sensor, front 5
		7/205	Parking assistance sensor, front 6
7/15	Heated oxygen sensor, front	7/206	Parking assistance sensor, front 7
7/16	Coolant temperature sensor	7/207	Parking assistance sensor, front 8
7/17	Mass airflow sensor (MAF)		
7/23	Rear knock sensor	8/3	Electromagnetic clutch, climate control system
7/24	Front knock sensor		
7/25	Impulse sensor, gasoline	8/6-11	Injectors
7/25	Impulse sensor, diesel	8/6-10	Injectors, diesel
7/31	Left-hand front ABS sensor	8/17	EGR valve, Diesel
7/32	Right-hand front ABS sensor	8/18	EVAP valve
7/35	Oil level sensor	8/19	Solenoid, variable valve time, inlet
7/41	Temperature sensor, evaporator	8/20	Shock absorber, Four-C, front left
7/51	Accelerator pedal sensor	8/21	Shock absorber, Four-C, front right
7/56	Left-hand rear ABS sensor	8/22	Shock absorber, Four-C, rear left
7/57	Right-hand rear ABS sensor	8/23	Shock absorber, Four-C, rear right
7/61	Input speed sensor	8/28	Turbocharger control valve
7/62	Output speed sensor	8/30	Driver's side airbag igniter S60
7/73	Coolant level sensor	8/30	Driver's side airbag igniter S80
7/74	Oil temperature sensor, automatic transmission	8/31	Passenger side airbag igniter
		8/32	Igniter, passenger side airbag stage 2
7/81	Pressure sensor, intake manifold	8/33	Front left belt tensioner igniter
7/82	Heated oxygen sensor, rear	8/34	Front right seat belt tensioner igniter
7/87	Acceleration sensor, Four-C, front left	8/36	Shift lock solenoid
7/88	Acceleration sensor, Four-C, front right	8/37	Automatic transmission AW55-50/51 SN
7/89	Acceleration sensor, Four-C, rear left	8/37	Automatic transmission, 4T65EV
7/91	Steering angle sensor	8/38	Shift solenoid 1, AW55-50/51 SN
7/100	Level sensor alarm	8/39	Shift solenoid 2, AW55-50/51 SN
7/103	Heated oxygen sensor 3	8/40	Lock-up solenoid, AW55-50/51 SN
7/104	Heated oxygen sensor 4 (diagnostic probe)	8/41	Pressure solenoid AW 55-50/51 SN
7/105	Outside temperature sensor, engine control module	8/46	Archive unit, DSTC
		8/51	Front left side airbag igniter
7/108	Left-hand rear side impact sensor	8/52	Front right side airbag igniter
7/109	Right-hand rear side impact sensor	8/55	Rear left belt tensioner igniter
7/110	Left-hand seat temperature sensor	8/56	Rear right belt tensioner igniter
7/111	Right-hand seat temperature sensor	8/59	Rear left head restraint solenoid
7/115	Left-hand front side impact sensor	8/60	Rear right head restraint solenoid
7/116	Right-hand front side impact sensor	8/61	Driver's side airbag igniter step 2
7/118	Acceleration sensor, shock absorber, Four-C, FL	8/61	Driver's side airbag igniter step 2
		8/62	Belt tensioner igniter, center rear seat
7/119	Acceleration sensor, shock absorber, Four-C, front right	8/64	Solenoid valve, engine mounting, Diesel
		8/66	Left-hand inflatable curtain igniter
7/120	Rear left angle sensor, Four-C/Bi-Xenon	8/67	Right-hand inflatable curtain igniter
7/121	Rear right angle sensor, Four-C/Bi-Xenon	8/71	Throttle solenoid
7/122	Mass movement sensor, front	8/72	Shift solenoid 3
7/123	Clutch pedal sensor	8/73	Shift solenoid 4
7/124	Brake pedal sensor	8/74	Shift solenoid 5
7/129	Brake pressure sensor 2	8/75	Valve, fuel cut-off DFCO
7/130	Fuel level sensor, ejector side	8/76	Gas tank valve
7/131	Parking assistance sensor, rear 1	8/78	Oil pressure sensor
7/132	Parking assistance sensor, rear 2	8/79	Valve LPG
7/133	Parking assistance sensor, rear 3	8/81	Solenoid, variable valve timing outlet
7/134	Parking assistance sensor, rear 4	8/82	Solenoid, variable turbo geometry

List of components 3:4

8/84	Switch, vacuum pump	10/55	Left reversing light, S80
8/85	Thermostatic switch and fuel filter heating	10/64	Right-hand high beam, S60
8/88	Solenoid, gas tank CNG rear	10/64	Right-hand high beam, S80
8/89	Solenoid, fuel tank CNG front left	10/65	Auxiliary light, front right
8/90	Solenoid, fuel tank CNG front right	10/66	Right-hand low beam, S60
8/111	Solenoid valve, high-pressure diesel	10/66	Right-hand low beam, S80
8/134	Solenoid, reverse interlock, manual	10/68	Left-hand high beam, S60
		10/68	Left-hand high beam, S80
9/1	Front 12V outlet	10/70	Left-hand low beam, S60
9/2	Heated rear window	10/69	Auxiliary light, front left
9/12	Seat Heater Module (SHM), driver's side	10/70	Left-hand low beam, S80
9/13	Seat Heater Module (SHM), passenger side	10/71	Side marker light, front left
9/16	Left-hand backrest heating element	10/72	Front ashtray lighting
9/17	Right-hand backrest heating element	10/73	Side marker light, front right
9/18	Left-hand seat heating element	10/114	Left-hand vanity mirror lighting
9/19	Right-hand seat heating element	10/115	Right-hand vanity mirror lighting
9/25	Rear 12V outlet	10/122	Left-hand rear courtesy lighting
9/30	Auxiliary heater	10/123	Right-hand rear courtesy lighting
9/32	PTC resistor - air preheating	10/125	Left-hand front courtesy lighting
		10/126	Right-hand front courtesy lighting
10/1	Front left lamp housing S60	10/127	Lighting, cargo compartment, left-hand side
10/1	Front left lamp housing S80	10/128	Lighting, cargo compartment, right-hand side
10/2	Front right lamp housing S60	10/148	Driver's door mirror lighting
10/2	Front right lamp housing S80	10/149	Passenger door mirror lighting
10/3	License plate lighting	10/150	Rear reading light
10/5	Front left fog light	10/218	Indicator light, remote start
10/6	Front right fog light		
10/11	Front left position/parking light S60	11A/no.	Main fuses in engine compartment fuse box
10/11	Front left position/parking light S80	11B/no.	Fuses in engine compartment fuse box
10/12	Front right position/parking light S60	11C/no.	Fuses in passenger compartment fuse box
10/12	Front right position/parking light S80	11E/no.	Main fuses at battery
10/13	Front left direction indicator, S60		
10/13	Front left direction indicator, S80	15/30	Connecting rail to 15/31
10/14	Front right direction indicator, S60	15/31	Engine compartment distribution box, A1
10/14	Front right direction indicator, S80	15/31	Engine compartment distribution box, C1
10/15	Front left fender direction indicator	15/31	Engine compartment distribution box, C2
10/16	Front right fender direction indicator	15/31	Engine compartment distribution box, C3
10/17	Rear right lamp housing, S60	15/31	Engine compartment distribution box, C4
10/17	Rear right lamp housing, S80	15/31	Engine compartment distribution box, C5
10/18	Rear left lamp housing, S60	15/31	Engine compartment distribution box, C6
10/18	Rear left lamp housing, S80		
10/19	Auxiliary brake light	16/1	Audio Module (AUM)
10/29	Glove compartment lighting	16/2	Amplifier
10/42	Position/parking light, rear right, S60	16/3	Right-hand front door speaker
10/43	Right brake light, S60	16/4	Left-hand front door speaker
10/43	Right brake light, S80	16/5	Right-hand rear door speaker
10/44	Right tail light lamp 1, S80	16/6	Left-hand rear door speaker
10/44	Right tail light lamp 1, S60	16/9	Window antenna
10/45	Right tail light lamp 2, S60	16/10	Horn 1
10/45	Right tail light lamp 2, S80	16/11	Horn 2
10/46	Rear right fog light, S60	16/15	CD changer
10/46	Rear right fog light, S80	16/16	Window antenna amplifier
10/47	Rear right direction indicator, S60	16/17	Left-hand speaker, rear shelf
10/47	Rear right direction indicator, S80	16/18	Right-hand speaker, rear shelf
10/48	Right-hand reversing light, S60	16/26	Center dashboard speaker
10/48	Right-hand reversing light, S80	16/35	Siren Control Module (SCM)
10/49	Position/parking light, rear left, S60	16/36	TV receiver
10/50	Left brake light, S60	16/45	Road Traffic Information (RTI)
10/50	Left brake light, S80	16/46	RTI Display
10/51	Left tail light 1, S60	16/47	GPS antenna RTI
10/51	Left tail light 1, S80	16/55	Left-hand front tweeter
10/52	Left tail light 2, S60	16/56	Right-hand front tweeter
10/52	Left tail light 2, S80	16/60	Phone Module (PHM)
10/53	Rear left fog light, S60	16/62	Hand unit, mobile phone
10/53	Rear left fog light, S80	16/64	Antenna, mobile telephone
10/54	Rear direction indicator, S60	16/65	Antenna ring/ignition switch lighting
10/54	Rear left direction indicator, S80	16/67	Amplifier antenna, bumper
10/55	Left reversing light, S60	16/68	Antenna, bumper

List of components 4:4

16/71	Window antenna amplifier 1, right	31/93	Ground connection, left MacPherson strut tower
16/77	Microphone, mobile telephone	31/94	Ground connection, right MacPherson strut tower
16/78	Speaker, mobile telephone	31/95	Ground connection, left MacPherson strut tower
16/93	Control module, cellular telephone handsfree	31/96	Ground connection, right MacPherson strut tower
16/126	Holder, cellular telephone handsfree	31/98	Ground connection, upper windshield member
16/12	Microphone, cellular telephone handsfree	31/102	Ground connection, front member
17/13	Data link connector	31/120	Ground connection, cargo compartment
17/17	Jump start connection		
17/19	12V outlet, cargo compartment	54/1	Connector
17/37	4-pin outlet, towbar cable harness	54/3.1	Connector
17/38	7-pin outlet, towbar cable harness	54/3.2	Connector
17/39	13-pin outlet, towbar cable harness	54/4	Connector
		54/7	Connector
18/4	Contact reel	54/8	Connector
		54/9	Connector
20/3-8	Spark plug and ignition coil	54/10-11	Connector
20/16	Capacitor	54/12	Connector
20/22-26	Glow plug	54/13	Connector
31/1	Ground connection, right MacPherson strut tower	54/14	Connector
31/2	Ground connection, left MacPherson strut tower	54/16	Connector
31/4	Ground connection, engine	54/20	Connector
31/5	Ground connection, right D-post	54/21	Connector
31/6	Ground connection, driver's side A-post	54/22-23	Connector
31/10	Ground connection, right-hand side A-post	54/24	Connector
31/44	Ground connection, left-hand side member, lower engine compartment	54/25	Connector
31/46	Ground connection, rear left seat riser	54/32	Connector
31/47	Ground connection, rear right seat riser	54/34	Connector
31/48	Ground connection, rear right seat riser	54/35	Connector
31/53	Ground connection, firewall	54/36	Connector
31/66	Ground connection, front left seat riser	54/40C	Connector
31/67	Ground connection, front right seat riser	54/40D	Connector
31/70	Ground connection, left-hand side member, lower engine compartment	54/43	Connector
31/72	Ground connection, cargo compartment	54/53	Connector
31/73	Ground connection, rear right seat riser	54/54	Connector
31/83	Ground connection, left-hand side A-post	54/55	Connector
31/84	Ground connection, right-hand side A-post	54/56	Connector
31/88	Ground connection, Engine ignition coils, group 1	54/74	Connector
31/89	Ground connection, Engine ignition coils, group 2	54/74B	Connector
31/91	Ground connection, engine	54/106	Connector
		54/107	Connector
		54/132	Connector
		54/1300	Connector
		54/1400	Connector

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