

VOLVO
WIRING DIAGRAM S60/S60R

TP 3997202
2007



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

Warning!

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

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

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

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

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

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

General recommendations

- Be especially careful when working on or around SRS, SIPS, and IC components.
- Make sure that no wires are pinched, frayed, or pierced.
- Never fit accessories by the sensors.
- Where applicable, work on the steering wheel, steering shaft, or steering gear must be done in accordance with the methods in the SRS section of VIDA.
- Certain components of the aforementioned systems must be grounded while working. Read the appropriate sections in VIDA.
- Do not install any accessories in the areas between the A and B-posts, the B and C-posts, and the C and D-posts.

Test terminal

Fuse in cargo compartment auxiliary fuse box

Changes introduced up to April 2006

Any changes made to the vehicle 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 3997202

Replaces previous publication 3997201 at Electronic Wiring Diagram (EWD)
TP 39101001
Also available at Electronic Wiring Diagram (EWD) TP 39102001

We retain the right to make modifications.

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Abbreviations

Groups

Group 23	= Fuel system
Group 26	= Cooling system
Group 27	= Engine controls
Group 32	= Generator and voltage regulator
Group 33	= Starting system
Group 35	= Lighting
Group 36	= Additional electrical equipment
Group 37	= Wiring and fuses
Group 38	= Instruments
Group 39	= Other
Group 43	= Transmission
Group 59	= Brake system
Group 64	= Steering
Group 76	= Shock absorbers
Group 83	= Doors and openings
Group 84	= Exterior decorative elements etc.
Group 85	= Interior equipment
Group 87	= Climate control system
Group 88	= Internal equipment

Ignition switch symbols

X	= Accessories (audio position)
S	= Powered upon insertion of key
15	= 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
BLIS	= Blind Spot Information System
CDCH	= CD changer beneath parcel shelf
CEM	= Central Electronic Module
DIESEL	= D5244 T4/T5/T6/T7
DRL	= Daytime Running Lights
DSTC	= Dynamic Stability Traction Control
ECC	= Electronic climate control system
ECPS	= Electronic power steering
EXC	= Exclusive
EXT. D	= Extended electrical distribution
HISPEED	= High speed data bus
LH	= Left-hand side
LHD	= Left-hand drive
LOSPEED	= Low speed data bus
MAN	= Manual transmission
OPN	= Option (factory-installed)
PETROL	= 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	= Bass speaker
T	= Turbo engine
ULEV	= Ultra Low Emission Vehicle
W/O	= Without
5CYL	= 5-cylinder engine

Colors

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

How to use the wiring diagrams 1:2

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

A. Component designation

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

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

The second part of the designation is a serial number, for example x/2.

Combined these give a component designation, for example 3/2.

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

List of type numbers

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

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

B. Branching points

The wiring diagrams contain numbered branching points, for example 53/352.

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

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

C. Connectors

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

D. Electrical distribution

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

E. Data communication

Today's cars 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".

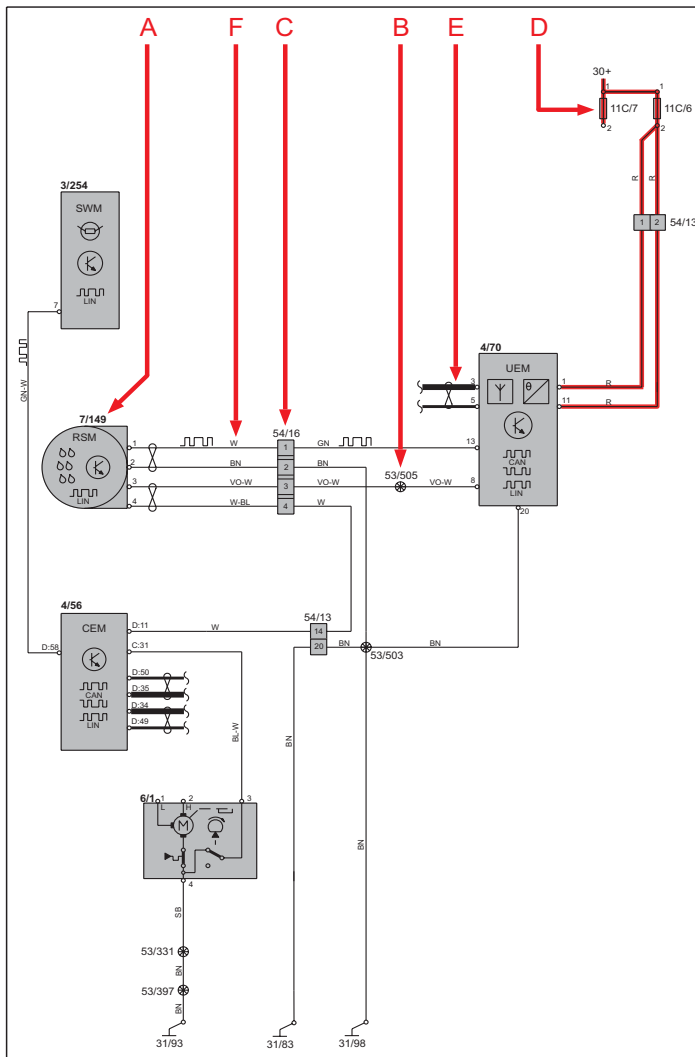
F. Abbreviations

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

G. Component location

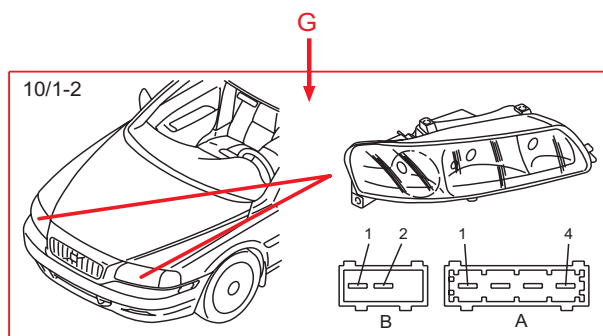
The end of the manual contains a section in which component appearance and location is described in numeric order. On the EWD disc, components are linked to the relevant diagram.

How to use the wiring diagrams 2:2



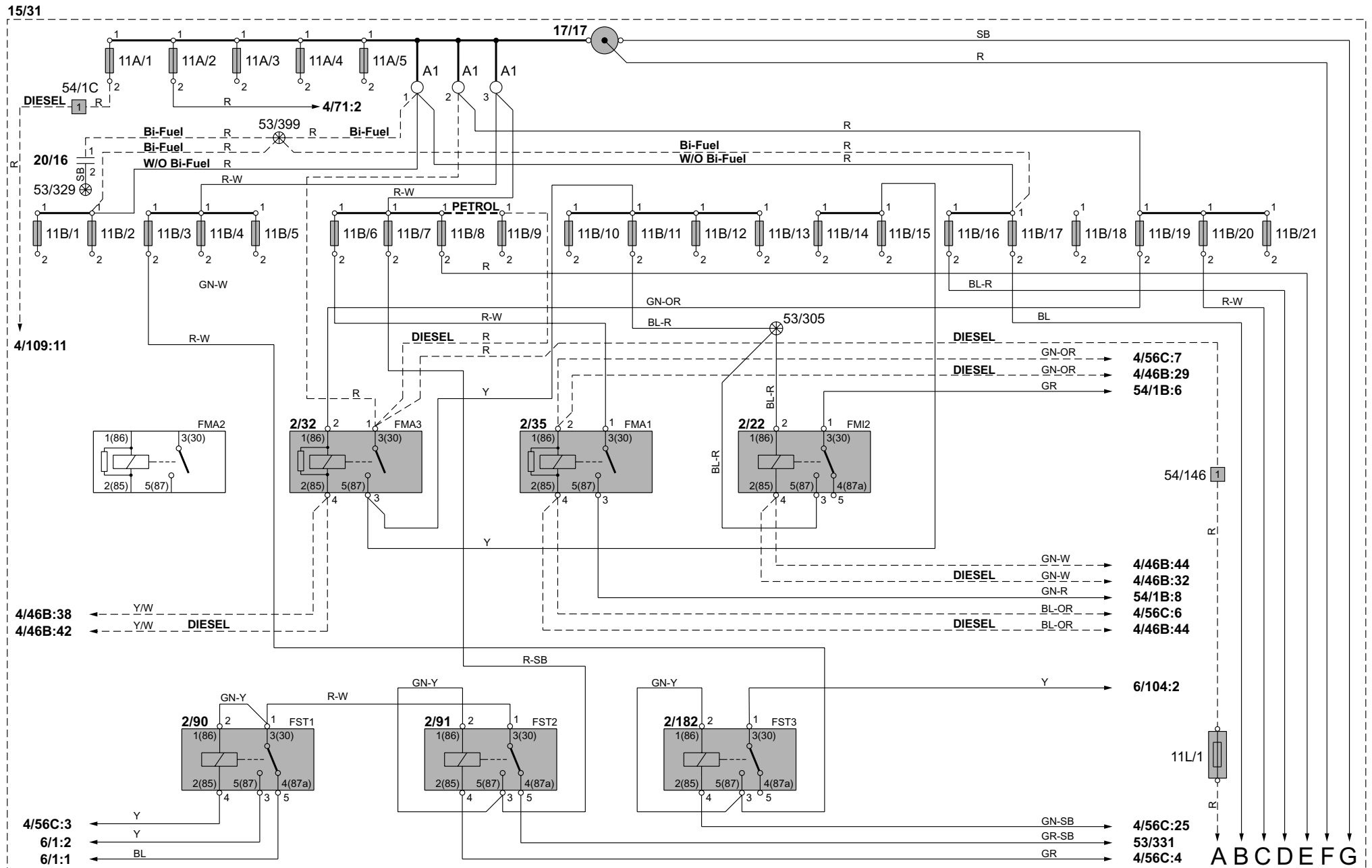
List of symbols

- = System voltage
- = Ground connection via wiring
- = Ground connection in component/chassis
- = Screened wire
- = Branching 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



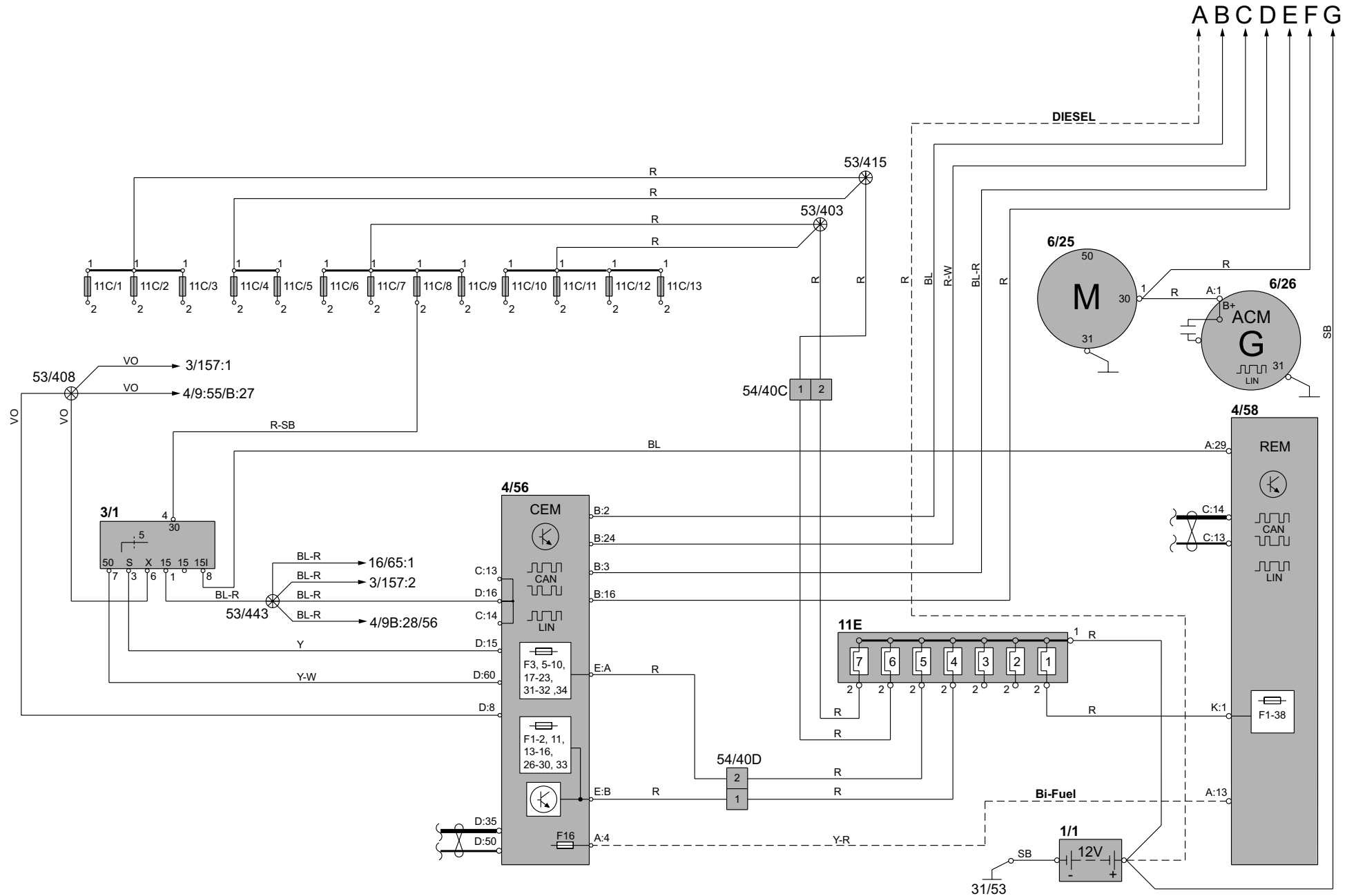
Overview

Electrical distribution 1:2



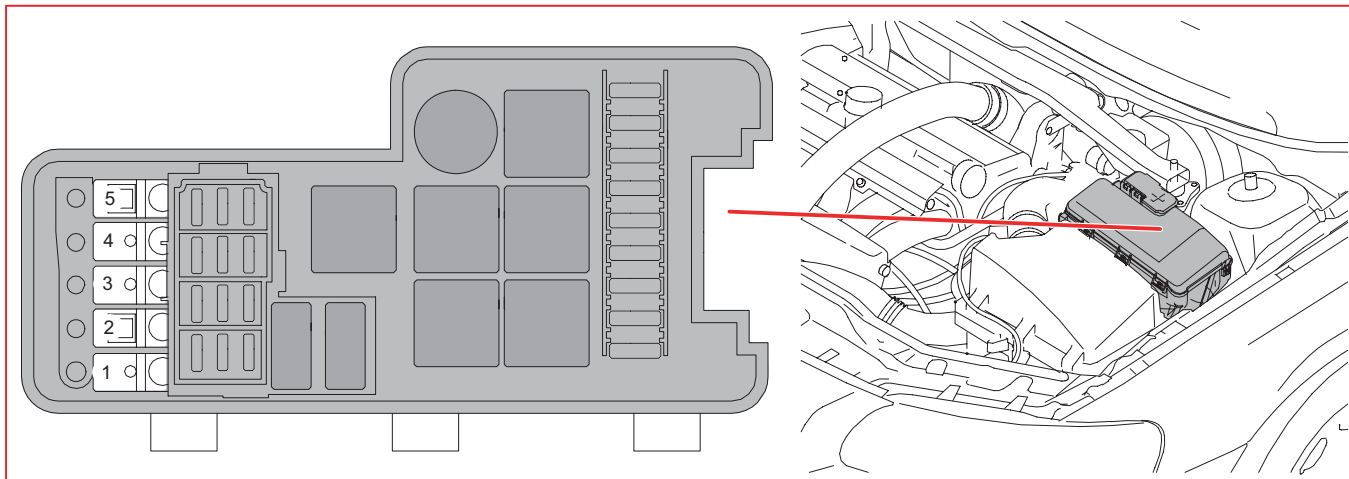
Overview

Electrical distribution 2:2



Fuses

Engine compartment 11A/1-5

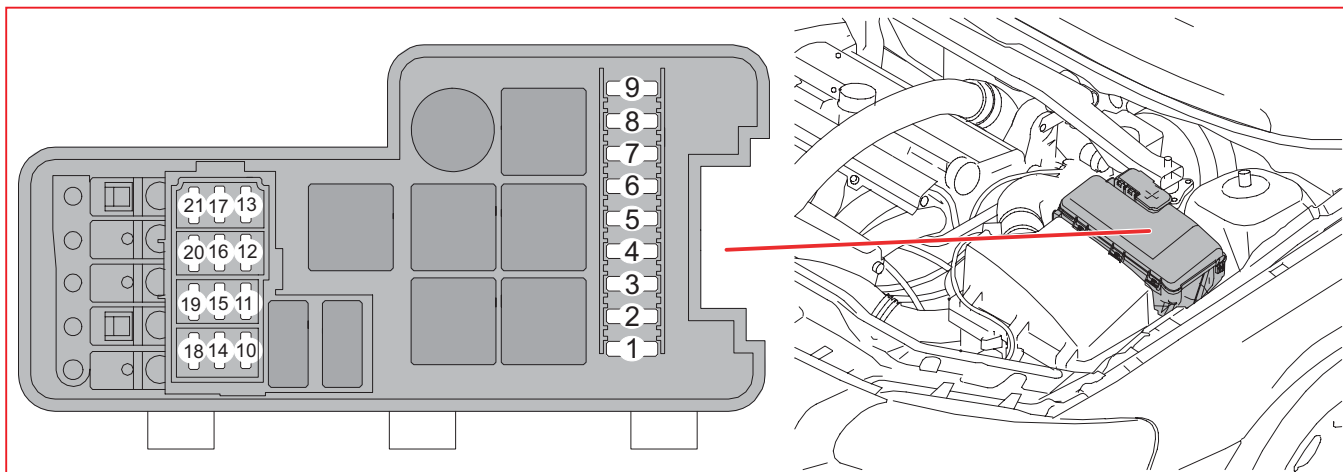


11A Fuses in the engine compartment

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

Fuses

Engine compartment 11B/1-12

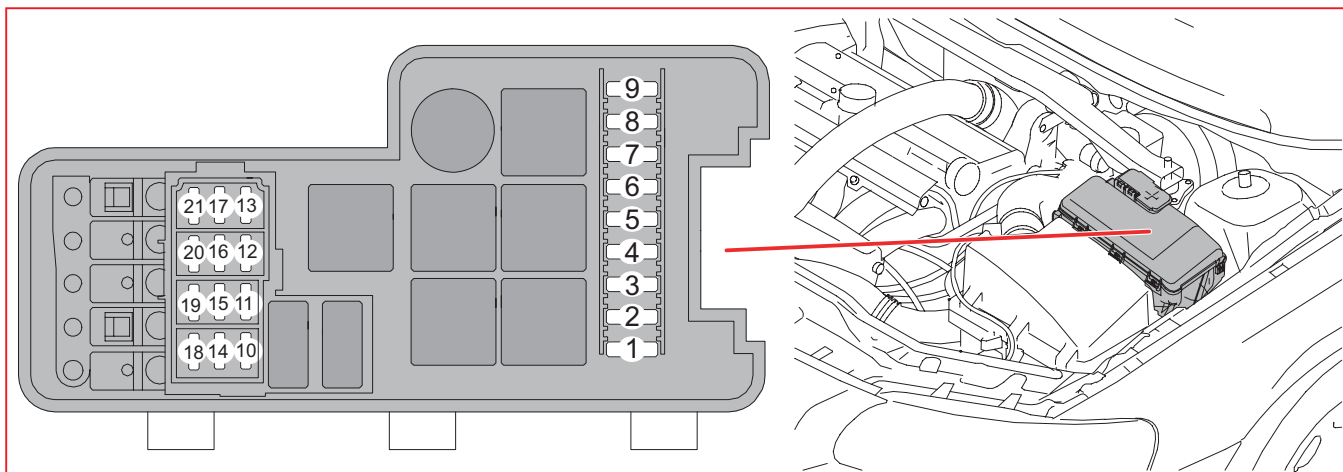


11B Fuses in the engine compartment

No.	Fuse function	via	A
1	4/16 Brake Control Module (BCM)	-	30
2	4/16 Brake Control Module (BCM)	-	30
3	6/104 High pressure headlight washer	2/182	35
4	6/35 Fuel pump, auxiliary heater 6/73 Coolant pump, auxiliary heater 9/30 Auxiliary heater	4/7 4/7 4/7	25
5	54/8 Connector cable harness extra lights, 30-feed	-	20
6	6/25 Starter motor	2/35	35
7	2/90 Relay, windshield wiper, low/high speed 2/91 Relay, intermittent wiping 6/1 Windshield wiper motor	2/91 - 2/90, 2/91	25
8	4/83 Fuel pump control module 6/31 Feed pump, ejectors 6/33 Fuel pump	4/56 4/56 4/56	15
9	4/28 Transmission Control Module (TCM), TF-80SC/TF-80SC AWD	-	15
10	4/46 Engine Control Module (ECM), Diesel 20/3-8 Spark plug and ignition coil	- -	20
11	6/44 Cooling fan, electrics box, engine compartment 7/51 Accelerator pedal sensor 8/3 Electromagnetic clutch, climate control system	- - 2/22	10
12	7/17 Mass airflow sensor (MAF), Diesel	-	5
	4/46 Engine Control Module (ECM), Gasoline 7/17 Mass airflow sensor (MAF), Gasoline 8/6-11 Injectors, Gasoline	- - -	15
continues			

Fuses

Engine compartment 11B/13-15

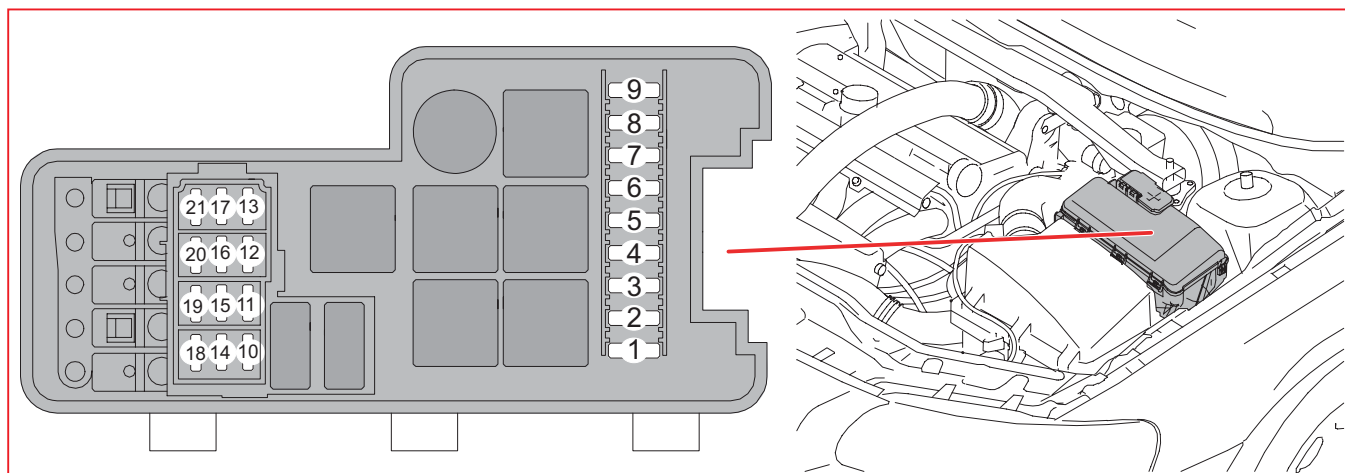


11B Fuses in the engine compartment

No.	Fuse function		via	A
13	4/46	Engine Control Module (ECM), 5-cyl. not turbo	-	10
	4/50	Electronic Throttle Module (ETM), Bi-Fuel	-	
	6/120	Throttle body motor, 5-cyl. not turbo	4/46	
	4/46	Engine Control Module (ECM), Diesel	-	15
	6/118	Control motor, swirl throttle, Diesel	4/46	
	6/120	Throttle body motor, Diesel	4/46	
	8/98	Fuel pressure control valve, Diesel	4/46	
	8/111	High-pressure solenoid valve, Diesel	4/46	
14	7/15	Heated oxygen sensor, Diesel	-	10
	4/46	Engine Control Module (ECM), Bi-Fuel	-	20
	7/15	Front heated oxygen sensor	-	
	7/82	Heated oxygen sensor, diagnosis 1	-	
15	6/67	Pump, fuel leakage control	-	10
	6/105	Fuel distributor gas, Bi-Fuel	-	
	8/18	EVAP valve	-	
	8/19	Solenoid, variable valve timing intake	-	
	8/28	Turbo control valve	-	
	8/75	Valve, fuel cut-off DFCO	-	
	8/81	Solenoid, variable valve timing exhaust	-	
	9/32	PTC resistor, crankcase ventilation	-	
	4/109	Glow plug control unit (GCU), Diesel	-	15
	6/143	Turbo control motor, Diesel	-	
	8/64	Solenoid valve, engine mounting, Diesel	-	
	8/113	Bypass valve, EGR cooling, Diesel	-	
	8/120	EGR valve, Diesel	-	
continues				

Fuses

Engine compartment 11B/16-20

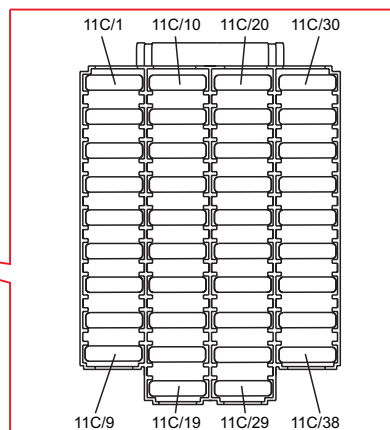
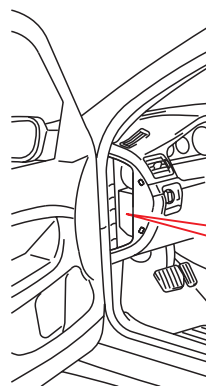


11B Fuses in the engine compartment

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

Fuses

Passenger compartment 11C/1-6

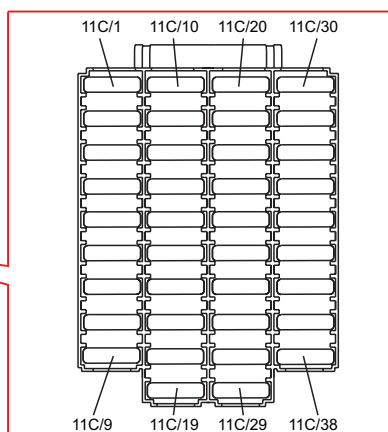
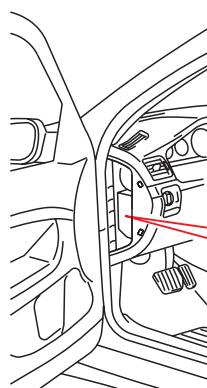


11C Fuses in the passenger compartment

No.	Fuse function	via	A
1	4/52 Power Seat Module (PSM) 6/16 Driver seat motor, backrest angle 6/17 Driver seat motor, up/down front edge 6/18 Driver seat motor, up/down rear edge 6/19 Driver seat motor, forward/backward	- 4/52 4/52 4/52 4/52	25
2	6/20 Passenger seat motor, forward/backward 6/64 Passenger seat motor, backrest angle 6/65 Passenger seat motor, up/down front edge 6/66 Passenger seat motor, up/down rear edge	3/27 3/27 3/27 3/27	25
3	6/28 Motor, passenger compartment fan	4/31	30
4	3/75 Right-hand front door lock unit 3/127 Passenger/Driver Door Module (PDM)/(DDM) 6/60 Motor, front right power window 6/63 Right-hand power door mirror 9/34 Right-hand heated door mirror 10/149 Right-hand rearview mirror lighting	3/127 - 3/127 3/127 3/127 3/127	25
5	3/74 Left-hand front door lock unit 3/126 Driver/Passenger Door Module (DDM)/(PDM) 6/58 Motor, front left power window 6/62 Left-hand power door mirror 9/33 Left-hand heated door mirror 10/148 Left-hand rearview mirror lighting	3/126 - 3/126 3/126 3/126 3/126	25
6	3/117 Switch unit, dome light 4/33 Sunroof Module (SRM) 4/70 Upper Electronic Module (UEM) 4/76 Remote control unit for garage door opener 7/149 Rain Sensor Module (RSM) 10/114 Left-hand vanity mirror lighting 10/115 Right-hand vanity mirror lighting 10/150 Rear reading light	4/70 4/70 - 4/70 4/70 4/70 4/70 4/70	10
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Fuses

Passenger compartment 11C/7-13

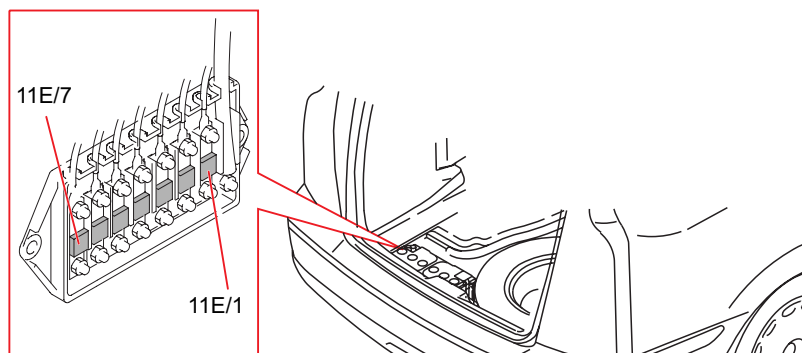


11C Fuses in the passenger compartment

No.	Fuse function	via	A
7	6/15 Sunroof motor	4/33	15
8	3/157 Passenger Airbag Cut Off Switch (PACOS) 4/9 Supplemental Restraint System (SRS) 4/28 Transmission Control Module (TCM) 4/46 Engine Control Module (ECM) 4/56 Central Electronic Module (CEM) 4/58 Rear Electronic Module (REM) 16/65 Antenna ring/ignition switch illumination	3/1 3/1 3/1, 4/56 3/1, 4/56 3/1 3/1 3/1	7,5
9	3/111 Light Switch Module (LSM) 3/254 Steering Wheel Module (SWM) 4/68 Steering Wheel Angle Sensor Module (SAS) 17/13 Data link connector	- - 3/254 -	5
10	16/1 Audio Module (AUM) 16/93 Control module, mobile phone handsfree	- -	20
11	16/2 Amplifier	-	30
12	16/46 RTI display	-	10
13	16/60 Phone Module (PHM)	-	5

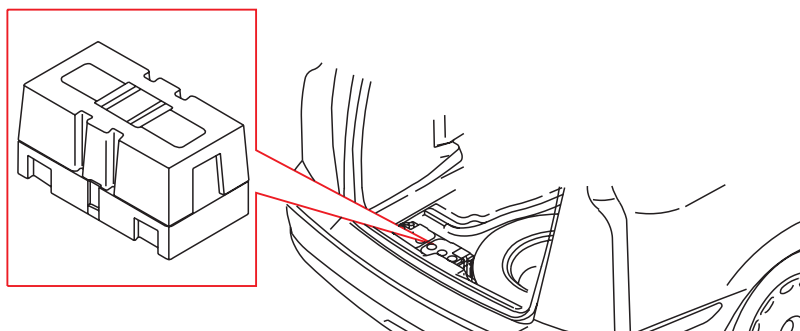
Fuses

Battery 11E-11L



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

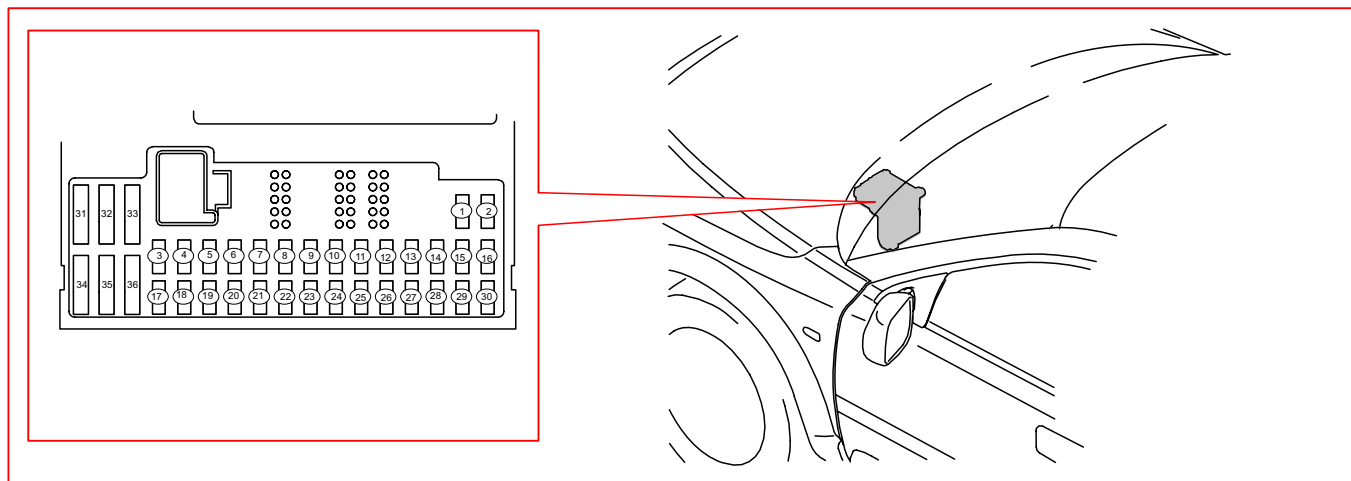


11L Fuse, Diesel

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

Fuses

Central Electronic Module (CEM) F1-F15

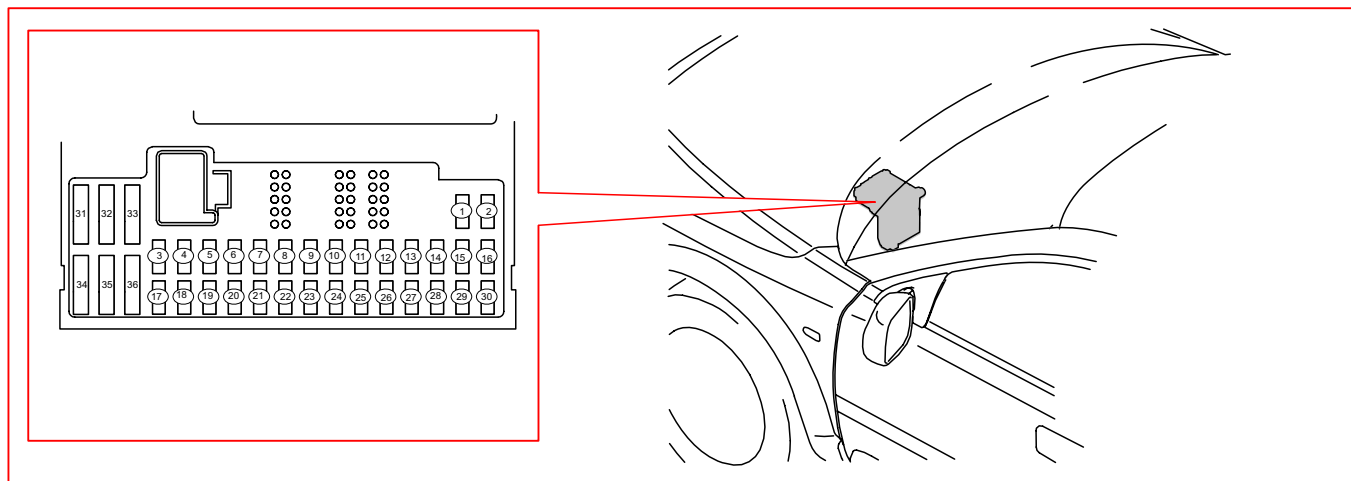


4/56 Central Electronic Module (CEM)

No.	Fuse function	via	A
F1	9/13 Seat Heating Module (SHM), right	-	15
F2	9/12 Seat Heating Module (SHM), left	-	15
F3	16/10 Horn 1	-	15
	16/11 Horn 2	-	
F8	16/35 Siren Control Module (SCM)	-	5
F9	3/9 Brake light contact	-	5
F10	3/112 Climate Control Module (CCM)	-	10
	4/7 Combustion Preheater Module (CPM)	-	
	4/52 Power Seat Module (PSM)	-	
	5/1 Driver Information Module (DIM)	-	
	6/48 Damper Motor Module (DMM), recirculation	-	
	6/69 Damper Motor Module (DMM)	-	
	6/95 Damper Motor Module (DMM), temperature, left side	-	
	6/96 Damper Motor Module (DMM), temperature, right side	-	
	6/102 Damper Motor Module (DMM), defroster	-	
	6/103 Damper Motor Module (DMM), floor/ventilation	-	
	7/93 Occupant Weight Sensor (OWS)	-	
	7/159 Air Quality Sensor (AQS)	-	
F11	9/1 Front 12V outlet	-	15
	9/25 Rear 12V outlet	-	
F14	6/3 Right-hand headlight wiper motor	-	15
	6/4 Left-hand headlight wiper motor	-	
F15	4/16 Brake Control Module (BCM)	-	5
continues			

Fuses

Central Electronic Module (CEM) F16-F34

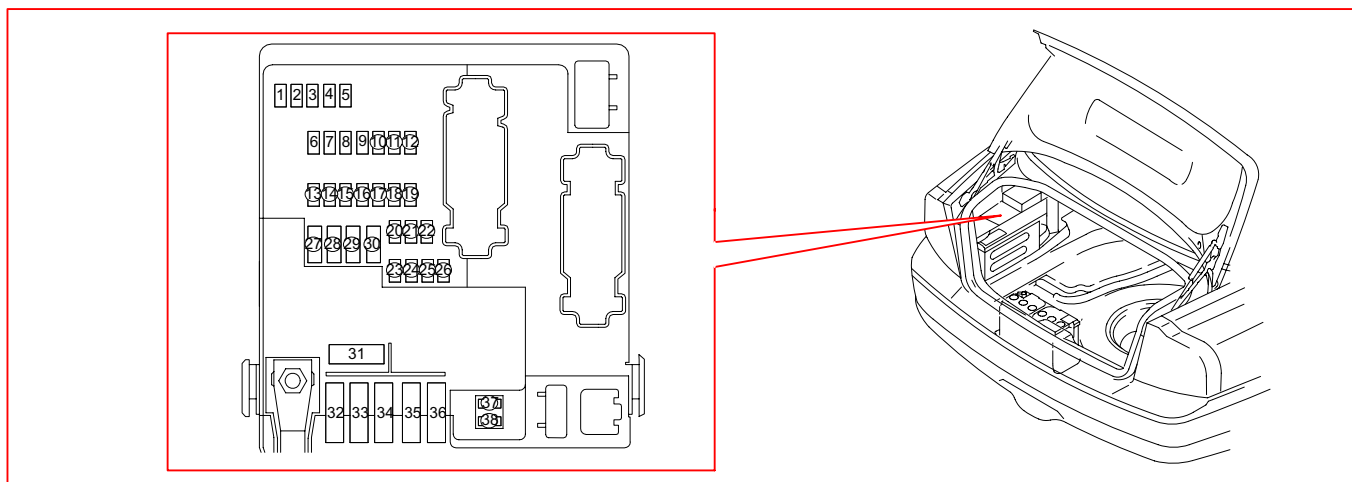


4/56 Central Electronic Module (CEM)

No.	Fuse function	via	A
F16	4/99 Electronic power steering control module	-	10
	4/118 Headlamp control module (HCM)	-	
	6/38 Left-hand headlight level adjustment motor	-	
	6/39 Right-hand headlight level adjustment motor	4/58	
	8/88 Rear solenoid, fuel tank, Bi-Fuel	4/58	
	8/89 Front left solenoid, fuel tank, Bi-Fuel	4/58	
	8/90 Front right solenoid, fuel tank, Bi-Fuel	-	
	10/1 Left front lamp housing, Bi-Xenon	-	
	10/2 Right front lamp housing, Bi-Xenon	-	
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)	-	10
	4/28 Transmission Control Module (TCM)	-	
	8/36 Shift lock solenoid	3/156	
	8/134 Solenoid, reverse interlock, manual	-	
F22	10/68 Left-hand high beam	-	10
F23	10/64 Right-hand high beam	-	10
F28	3/27 Switch unit, power passenger seat	-	5
	16/1 Audio Module (AUM)	-	
	16/46 RTI display	-	
	16/93 Control module, mobile phone handsfree	-	
F30	27/3 Left Camera Module (LCM)	-	5
	27/4 Right Camera Module (RCM)	-	
F33	6/114 Vacuum pump	8/84	20
F34	6/3 Right-hand headlight wiper motor	-	15
	6/4 Left-hand headlight wiper motor	-	
	6/127 Washer motor	-	

Fuses

Rear Electronic Module (REM) F1-F13

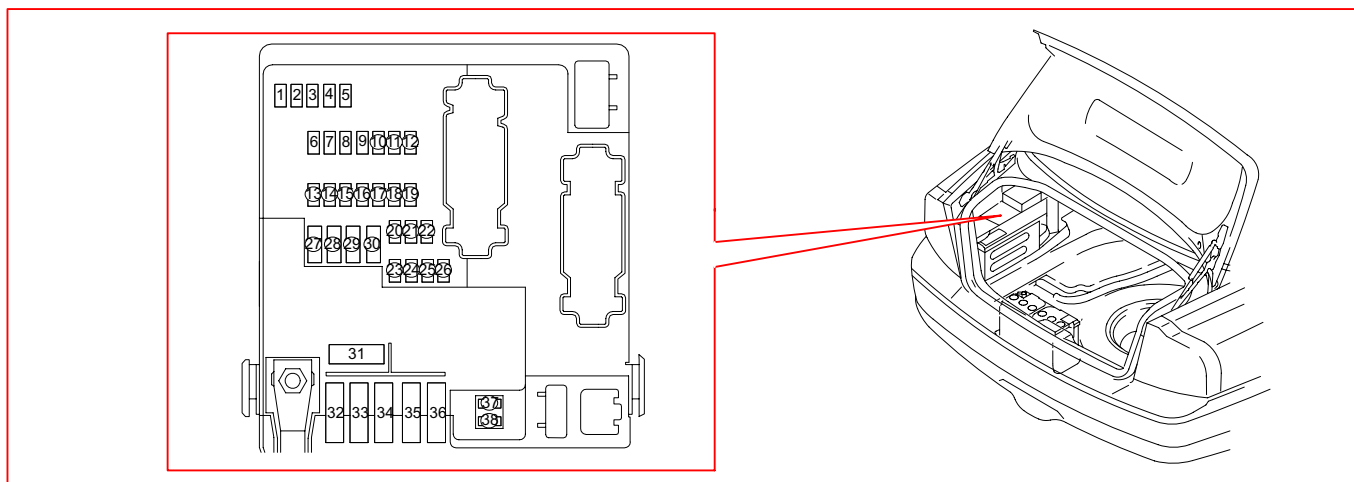


4/58 Rear Electronic Module (REM)

No.	Fuse function	via	A
F1	10/48 Right-hand reversing light	-	10
	10/55 Left-hand reversing light	-	
F2	10/3 License plate lighting	-	20
	10/19 Auxiliary brake light	-	
	10/42 Rear right running/parking light	-	
	10/44 Right-hand tail light lamp 1	-	
	10/46 Fog light, right rear	-	
	10/49 Rear left running/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
	4/106 Control module, remote parking heater start	-	
F5	4/58 Rear Electronic Module (REM)	-	10
F6	16/15 CD changer	-	7,5
	16/36 TV receiver	-	
	16/45 Road Traffic Information module (RTI)	-	
	16/46 RTI display	-	
	16/149 MP3 player	-	
F7	2/238 Relay, audio disconnection	-	15
	16/45 Road Traffic Information module (RTI), Turn-by-turn	-	
	16/49 Traffic Message Channel module (TMC)	-	
	17/39 13-pin outlet, tow hitch cable harness	-	
F8	17/19 12V outlet, cargo compartment	-	15
F9	3/86 Rear right door power window switch	-	20
	6/93 Motor, rear right power window	3/86	
F10	3/85 Rear left door power window switch	-	20
	6/92 Motor, rear left power window	3/85	
F13	8/85 Thermostatic switch and fuel filter heating	-	15
continues			

Fuses

Rear Electronic Module (REM) F17-F38

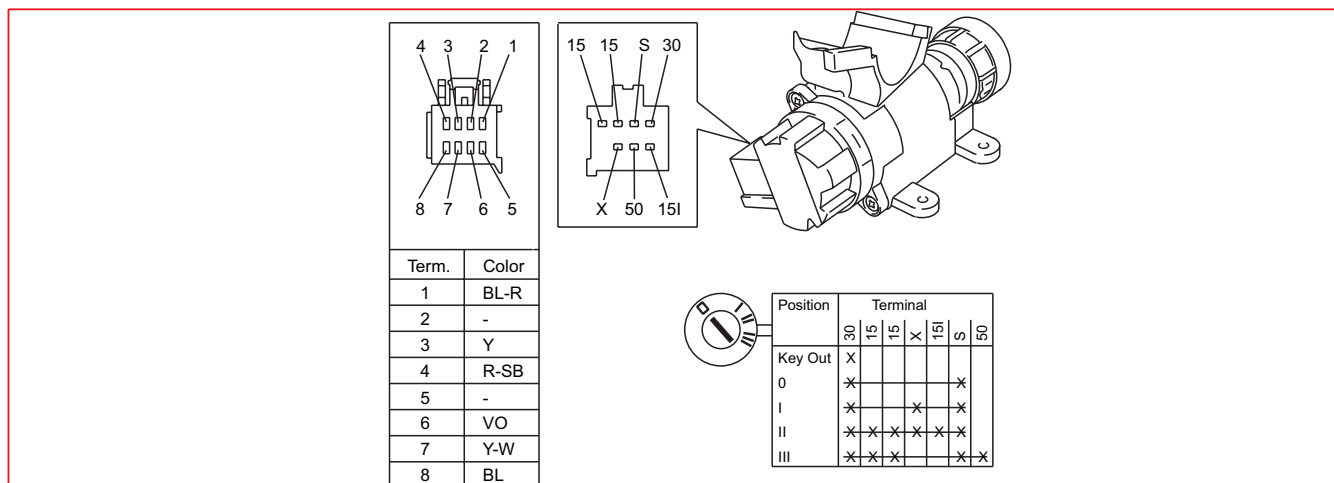


4/58 Rear Electronic Module (REM)

No.	Fuse function	via	A
F17	16/145 Satellite radio receiver	-	5
F19	8/59 Rear left head restraint solenoid	-	15
	8/60 Rear right head restraint solenoid	-	
F20	16/45 Road Traffic Information module (RTI), Turn-by-turn	-	20
	16/49 Traffic Message Channel module (TMC)	-	
	17/38 7-pin outlet, tow hitch cable harness	-	
	17/39 13-pin outlet, tow hitch cable harness	-	
F21	Spare	-	10
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 F20-F21, F23-F24 and F26	-	30
F28	3/76 Left-hand rear door lock unit	-	15
	3/77 Right-hand rear door lock unit	-	
	3/78 Trunk lid lock unit	-	
	6/37 Lock motor, fuel filler cover	-	
F29	4/110 Trailer Module (TRM)	-	25
	- running lights	-	
	- left-hand direction indicator	-	
	26/4 Converter, direction indicators & brake lights, USA	-	
	- running lights	-	
F30	4/110 Trailer Module (TRM)	-	25
	- brake lights	-	
	- fog lights	-	
	- right-hand direction indicator	-	
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

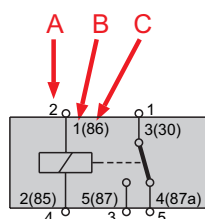
Relays

Ignition switch and relays



Relays, general

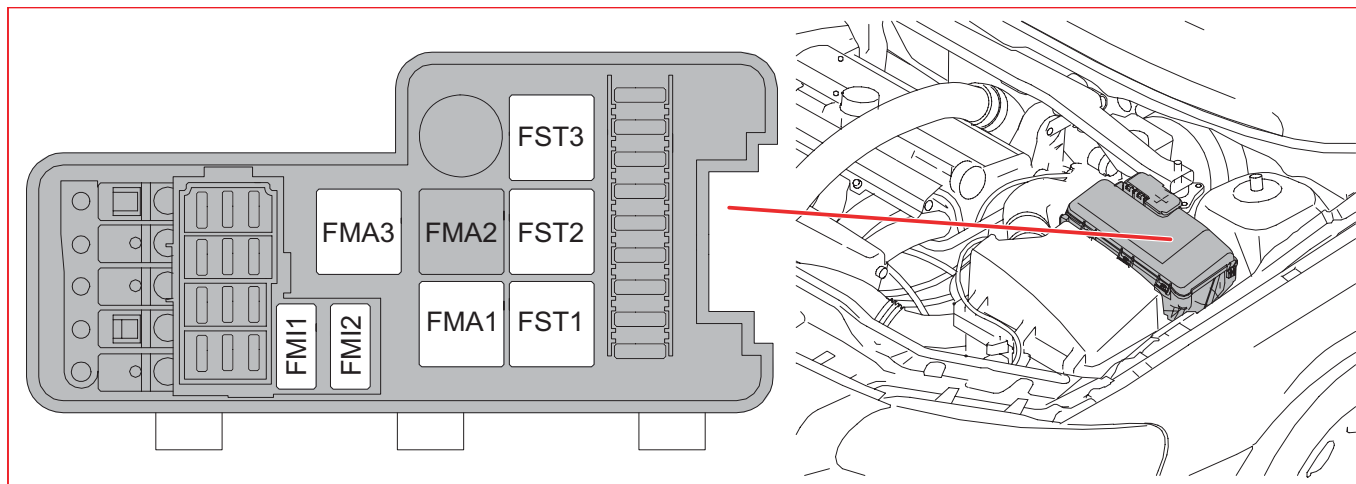
The diagram indicates two or three different designations for the relay's position. This is described below.



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 FMA1-FST3



Relays in the engine compartment

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

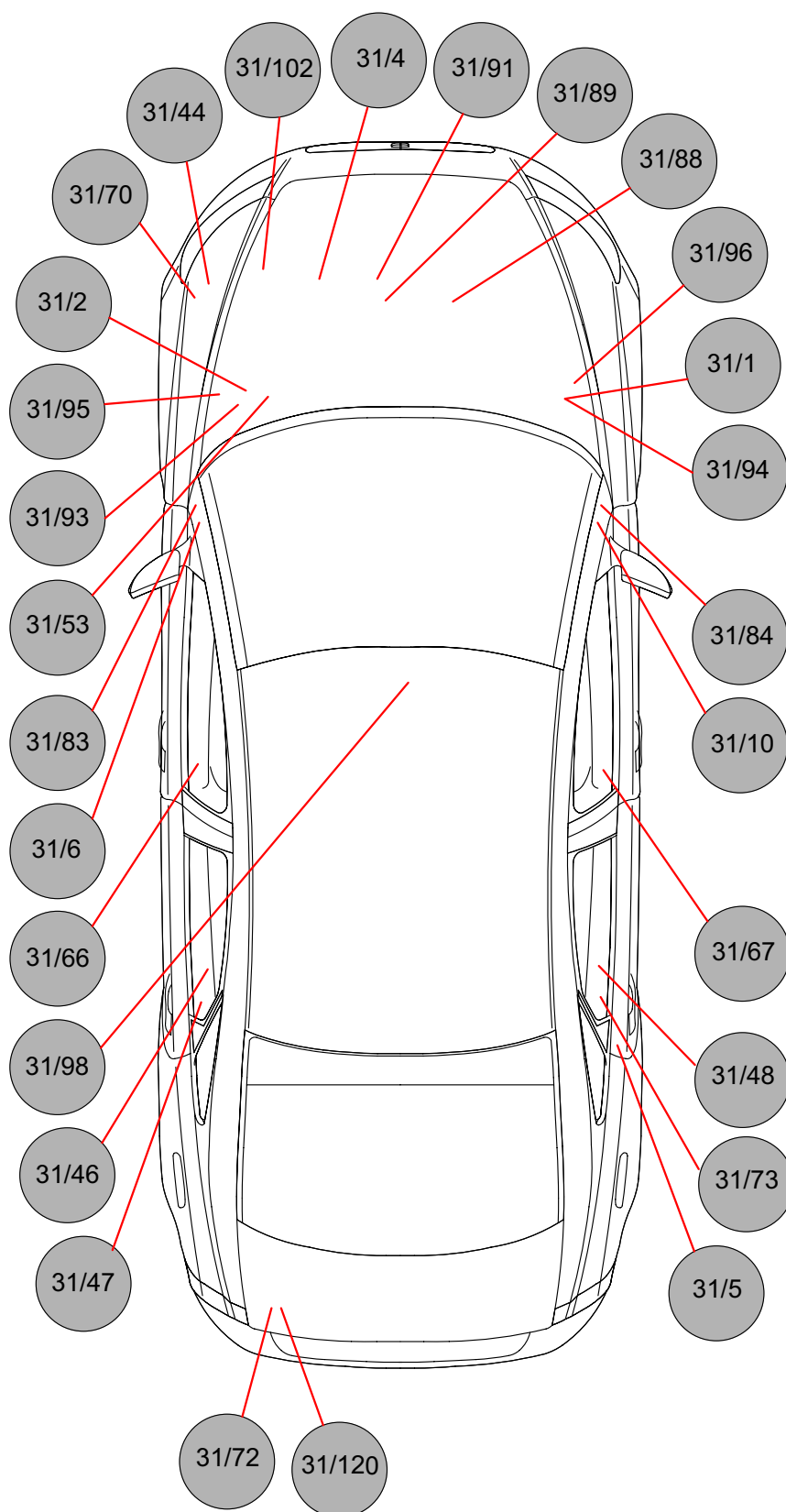
Relays

Other relays

Accessory relays

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

Ground connections Overview



Ground connections

31/1 - 31/44

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

31/2	Left MacPherson strut tower
4/46	Engine Control Module (ECM), Diesel
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
3/117	Switch unit, dome light
4/31	Fan control module, RHD
4/33	Sunroof Module (SRM)
4/56	Central Electronic Module (CEM), LHD
4/76	Remote control unit for garage door opener
6/15	Sunroof motor
10/29	Glove compartment lighting
10/114	Left-hand vanity mirror lighting
10/125	Left-hand front courtesy lighting
10/126	Right-hand front courtesy lighting
10/150	Rear reading light
16/65	Antenna ring/ignition switch illumination

31/10	A-post, right-hand side
4/31	Fan control module, LHD
4/56	Central Electronic Module (CEM), RHD
4/84	Suspension Module (SUM)
9/1	Front 12V outlet
9/25	Rear 12V outlet

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

Ground connections

31/46 - 31/67

31/46	Rear seat riser, left-hand side
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 Heating 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)
9/33	Left-hand heated door mirror
10/15	Direction indicator, left door mirror
10/148	Left-hand rearview mirror lighting
27/3	Left Camera Module (LCM), BLIS

31/67	Front seat riser, right-hand side
3/27	Switch unit, power passenger seat, LHD
3/77	Right-hand rear door lock unit
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
7/93	Occupant Weight Sensor (OWS)
8/52	Front right side airbag igniter
9/13	Seat Heating Module (SHM), right
9/34	Right-hand heated door mirror
10/16	Direction indicator, right door mirror
10/149	Right-hand rearview mirror lighting
27/4	Right Camera Module (RCM)

Ground connections

31/70 - 31/73

31/70	Left-hand side member, lower engine compartment
10/65	Auxiliary light, front right, accessories
10/69	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 module (RTI)
16/149	MP3 player, accessory

31/73	Rear seat riser, right-hand side
2/191	Relay, remote parking heater start, radio signal, accessory
4/78	Accessory Electronic Module (AEM)
4/106	Control module, remote parking heater start, accessory
8/60	Rear right head restraint solenoid
8/85	Thermostatic switch and fuel filter heating
8/88	Rear solenoid, fuel tank, Bi-Fuel
8/89	Front left solenoid, fuel tank, Bi-Fuel
8/90	Front right solenoid, fuel tank, Bi-Fuel
10/17	Lamp housing, rear right
10/128	Lighting, cargo compartment, right-hand side
10/218	Remote start indicator light, accessory
17/19	12V outlet, cargo compartment

Ground connections

31/83 - 31/88

31/83	A-post, left-hand side
4/33	Sunroof Module (SRM)
4/70	Upper Electronic Module (UEM)
5/1	Driver Information Module (DIM)
7/122	Mass Movement Sensor Module (MMS), front
7/149	Rain Sensor Module (RSM)
10/19	Auxiliary brake light
10/115	Right-hand vanity mirror lighting
10/150	Rear reading light
16/65	Antenna ring/ignition switch illumination
31/98	Ground connection

31/84	A-post, right-hand side
3/111	Light Switch Module (LSM)
3/112	Climate Control Module (CCM)
3/254	Steering Wheel Module (SWM)
4/68	Steering Wheel Angle Sensor Module (SAS)
4/118	Headlamp control module (HCM)
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)
16/93	Control module, mobile phone handsfree, accessory
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

Ground connections

31/89 - 31/93

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

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

31/93	Left MacPherson strut tower
2/91	Relay, intermittent wiping
3/10	Reversing light contact, MAN
3/62	Hood alarm contact
3/156	Gear Selector Module (GSM), TF-80SC/TF-80SC AWD
4/7	Combustion Preheater Module (CPM)
4/28	Transmission Control Module (TCM), TF-80SC/TF-80SC AWD
4/56	Central Electronic Module (CEM)
4/99	Electronic power steering control module
6/1	Windshield wiper motor
6/4	Motor, left-hand headlight
6/38	Left-hand headlight level adjustment motor
6/114	Vacuum pump
7/4	Brake fluid level sensor
7/51	Accelerator pedal sensor
7/73	Coolant level sensor
8/36	Shift lock solenoid, TF-80SC/TF-80SC AWD
8/37	Automatic transmission
8/134	Solenoid, reverse interlock, manual
9/30	Auxiliary heater
10/1	Left-hand front lamp housing
10/5	Front left fog light
10/11	Front left running/parking light
10/13	Front left direction indicator
10/71	Side running light, front left
16/10	Horn 1
16/11	Horn 2
20/16	Capacitor

Ground connections

31/94 - 31/102

31/94 Right MacPherson strut tower	
3/156	Gear Selector Module (GSM)
4/28	Transmission Control Module (TCM), AUTO
6/39	Right-hand headlight level adjustment motor
8/36	Shift lock solenoid
10/2	Right-hand front lamp housing
10/6	Front right fog light
10/12	Front right running/parking light
10/14	Front right direction indicator
10/73	Side running 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)
4/71	Cooling fan control module, Diesel
6/105	Fuel distributor gas, Bi-Fuel
9/32	PTC resistor, crankcase ventilation, Gasoline, 5-cyl.

31/98 Windshield member, upper	
3/117	Switch unit, dome light
4/33	Sunroof Module (SRM)
4/70	Upper Electronic Module (UEM)
7/122	Mass Movement Sensor Module (MMS), front
7/149	Rain Sensor Module (RSM)
10/19	Auxiliary brake light
10/115	Right-hand vanity mirror lighting
10/150	Rear reading light
31/83	Ground connection

31/102 Front member	
2/192	Relay, electric engine heater

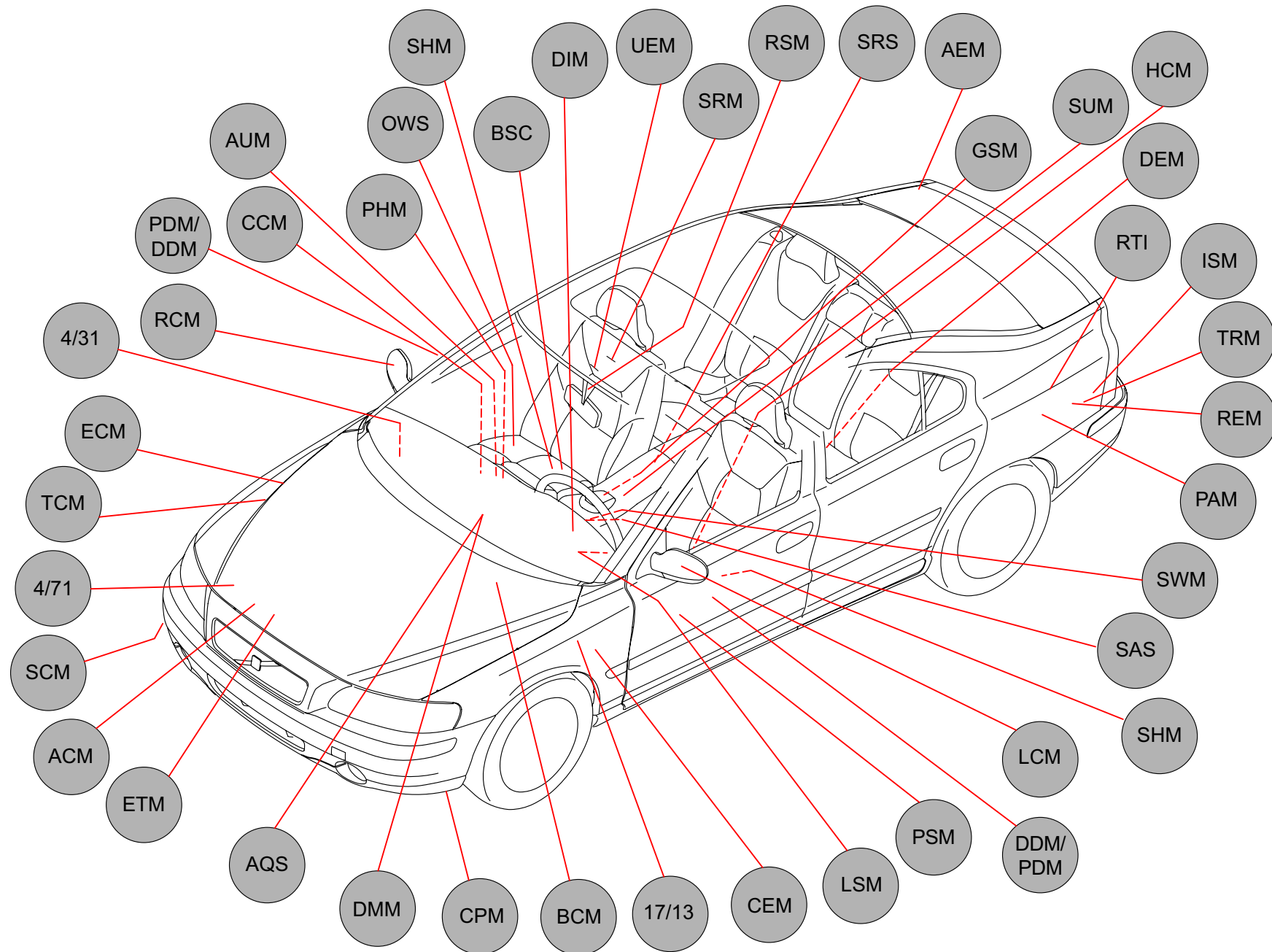
Ground connections

31/120

31/120 Cargo compartment, accessory	
4/110	Trailer Module (TRM)
16/15	CD changer
16/45	Road Traffic Information module (RTI)
16/45	Road Traffic Information module (RTI), Turn-by-turn
16/46	RTI display
16/49	Traffic Message Channel module (TMC)
16/145	Satellite radio receiver
17/37	4-pin outlet, tow hitch cable harness
17/38	7-pin outlet, tow hitch cable harness
17/39	13-pin outlet, tow hitch cable harness
26/4	Converter, direction indicators & brake lights, USA

Control modules

Overview of locations



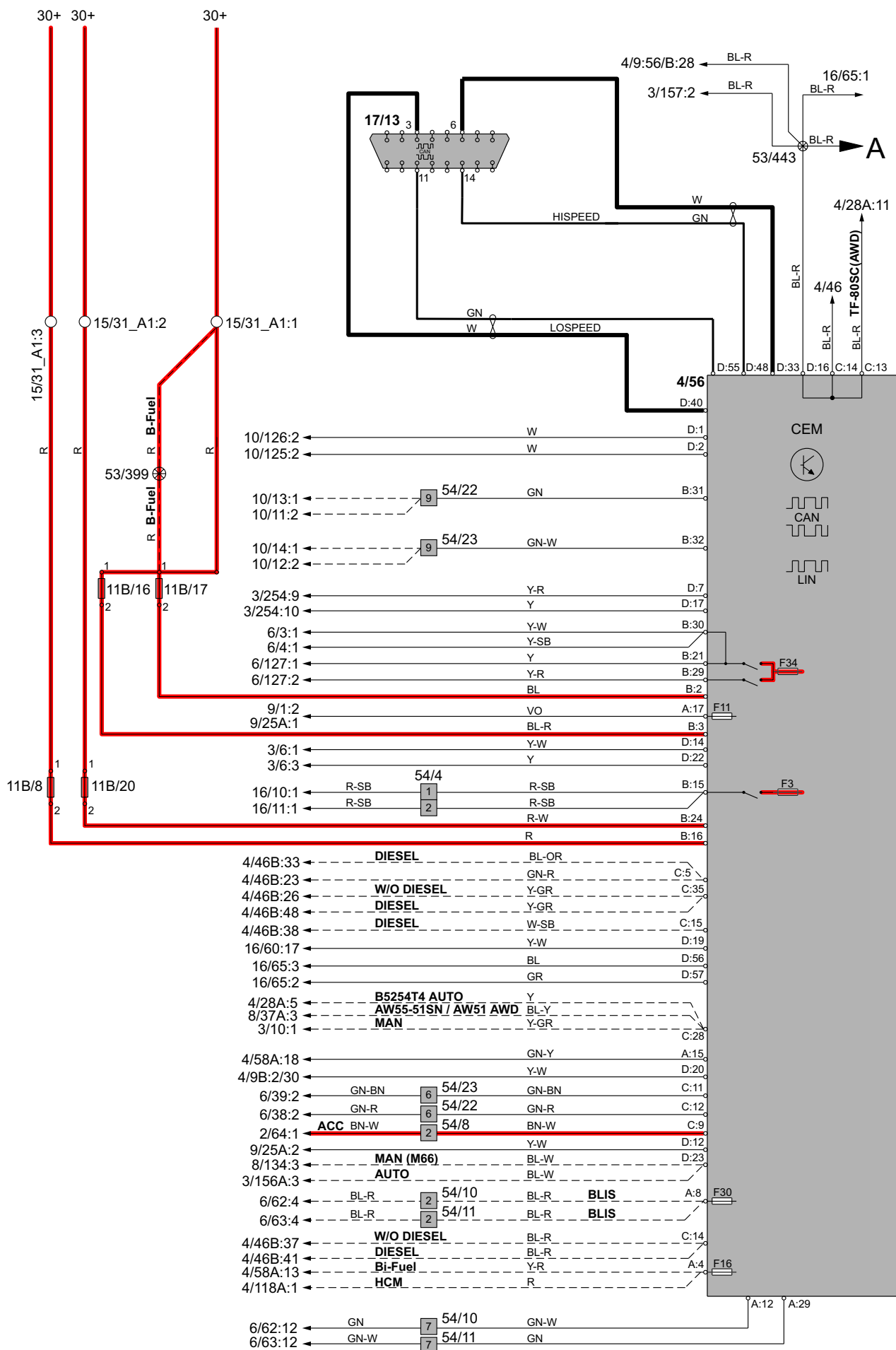
Control modules

Overview of designations

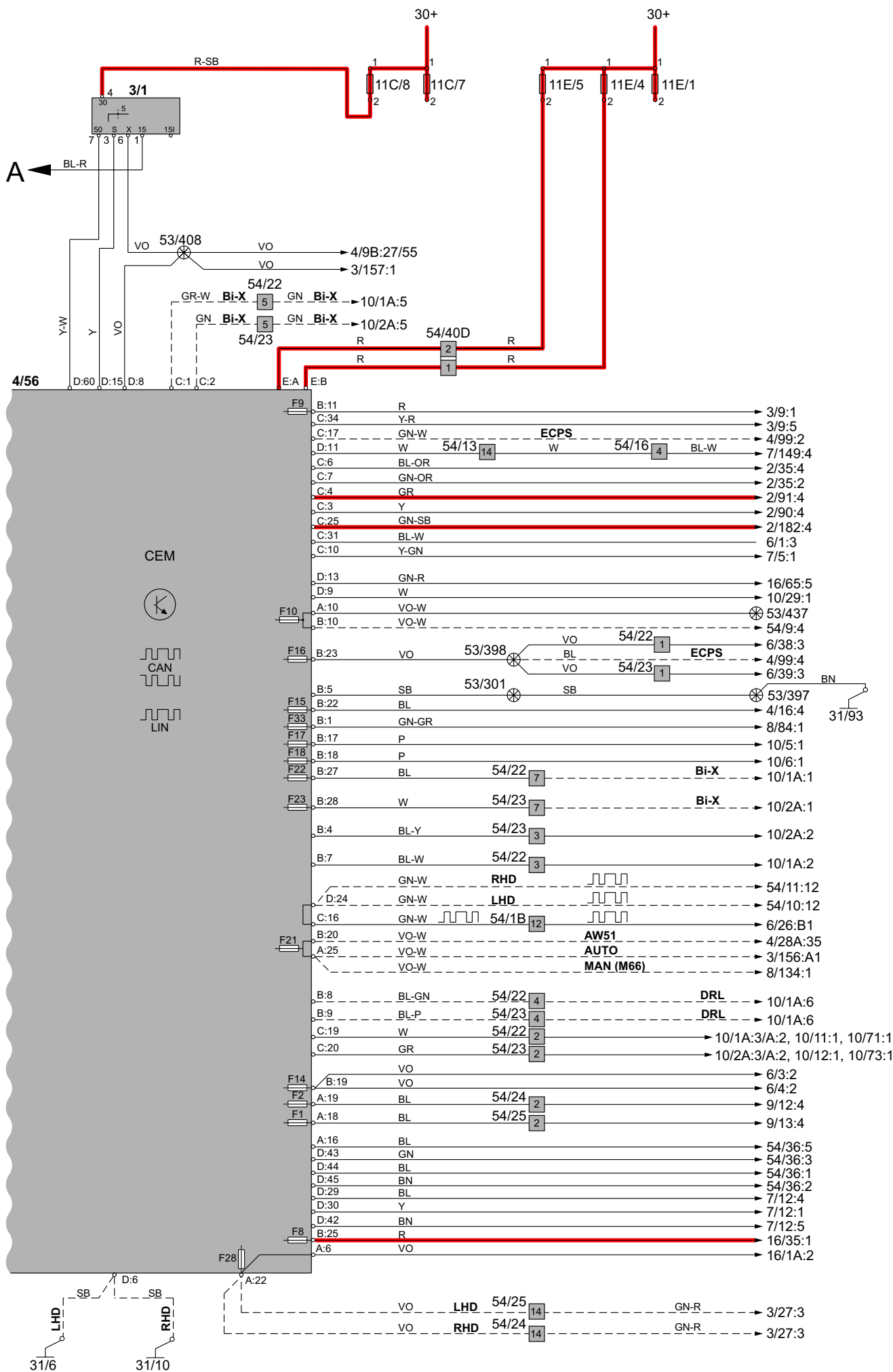
Unit	Designation
ACM	6/26 Alternator Control Module (ACM)
AEM	4/78 Accessory Electronic Module (AEM)
AQS	7/159 Air Quality Sensor (AQS)
AUM	16/1 Audio Module (AUM)
BCM	4/16 Brake Control Module (BCM)
BSC	7/164 Body Sensor Cluster Stability Sensor (BSC)
CCM	3/112 Climate Control Module (CCM)
CEM	4/56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

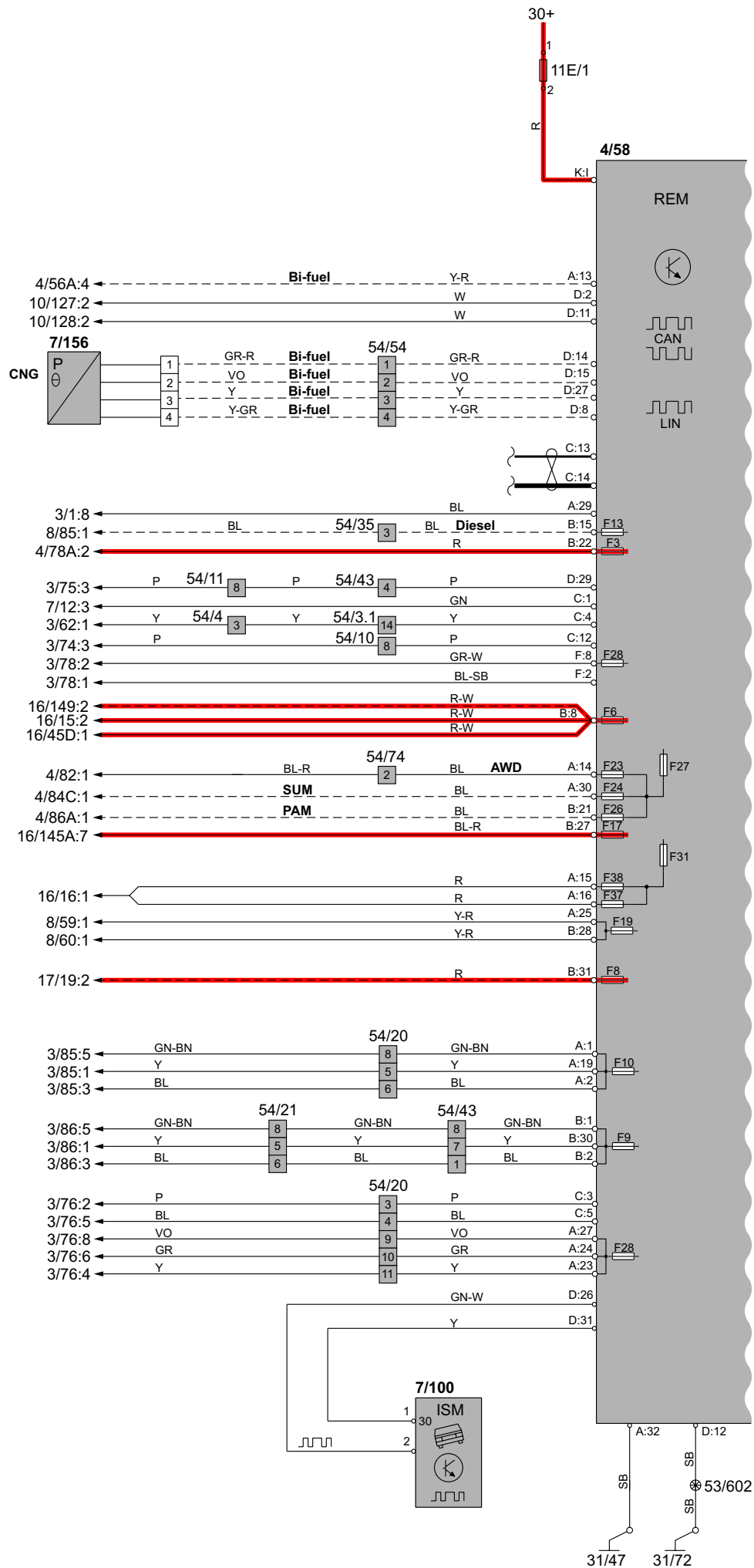


Central Electronic Module (CEM) 2:2



Control modules

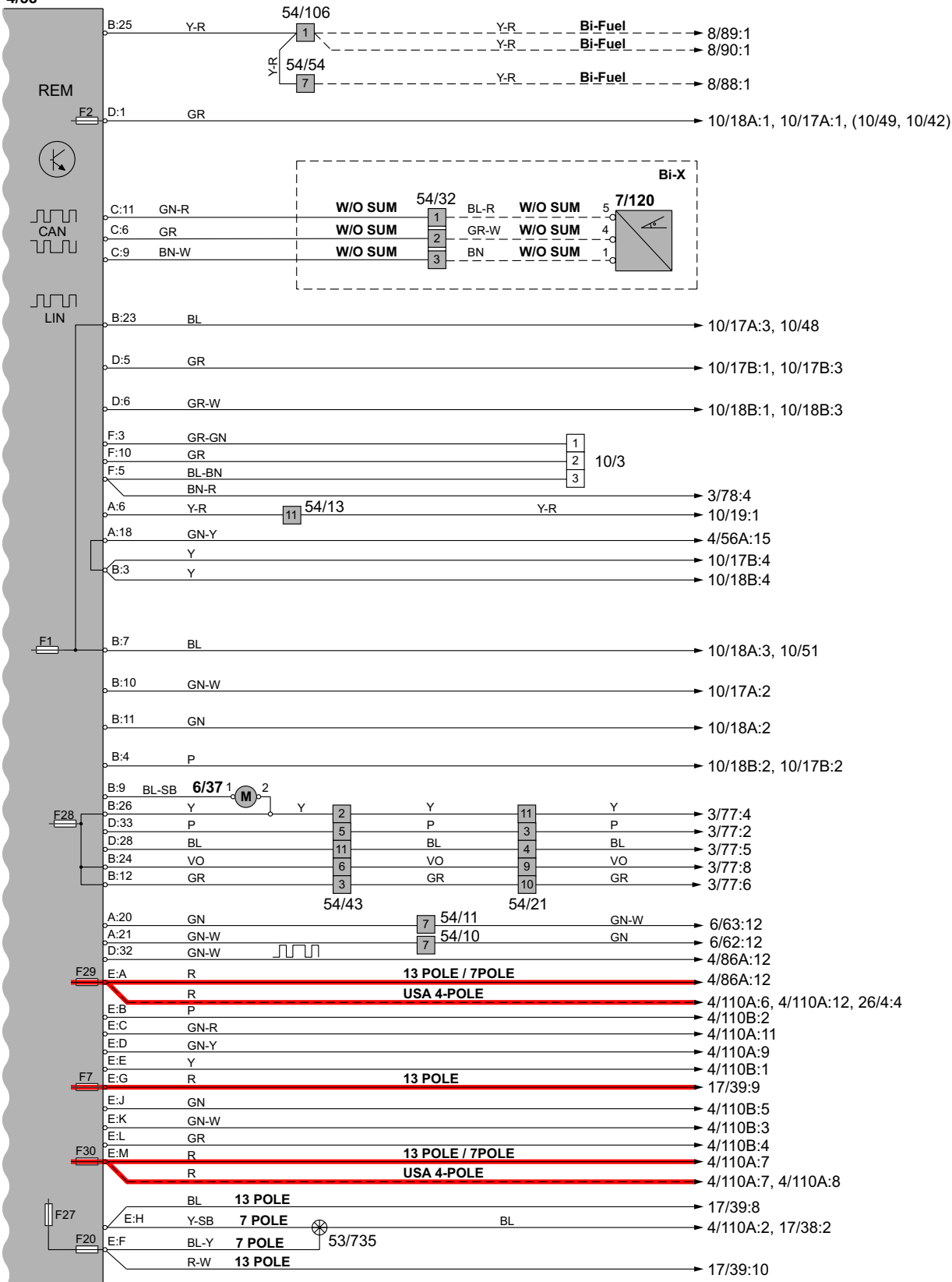
Rear Electronic Module (REM) 1:2



Control modules

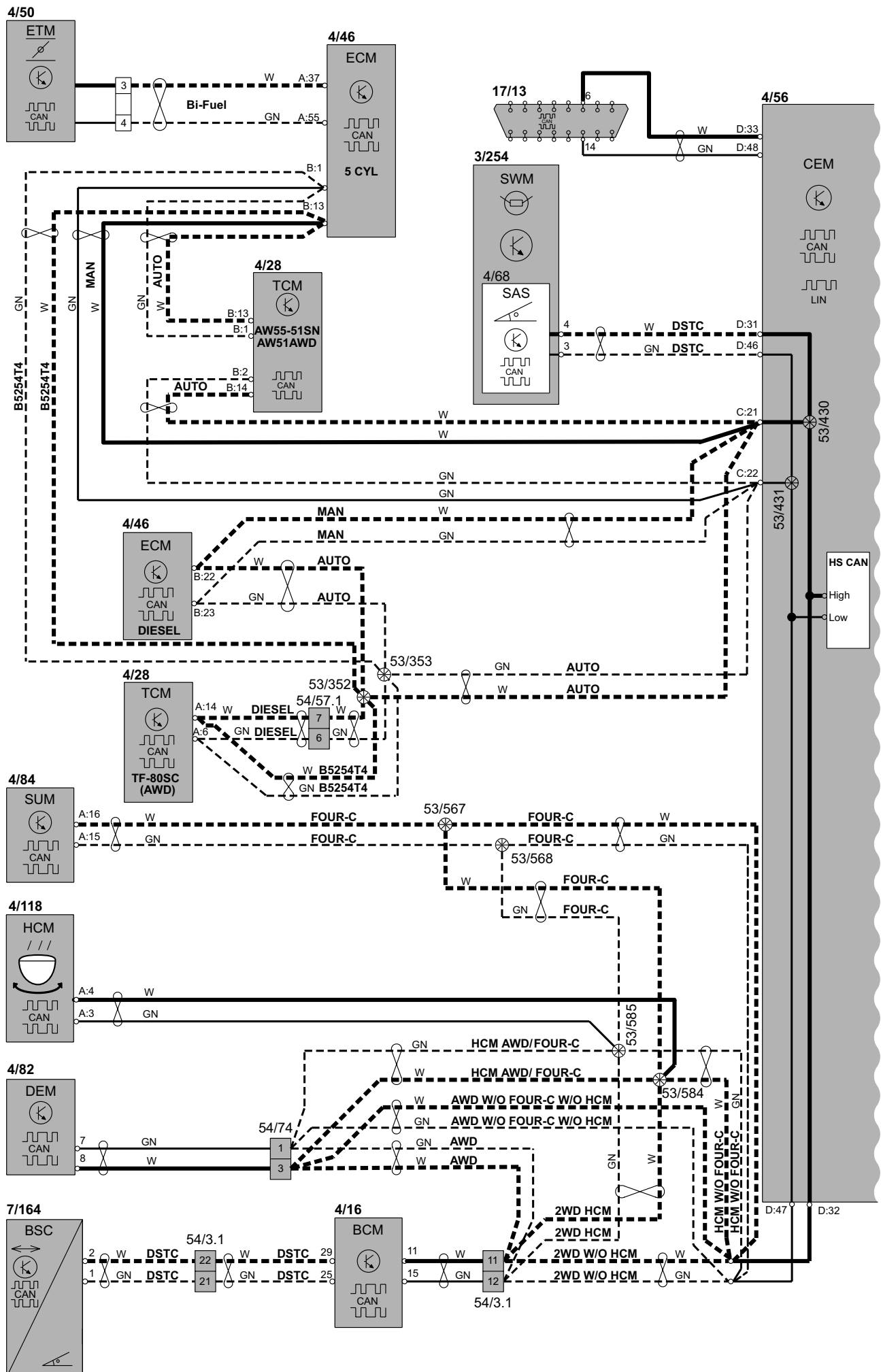
Rear Electronic Module (REM) 2:2

4/58



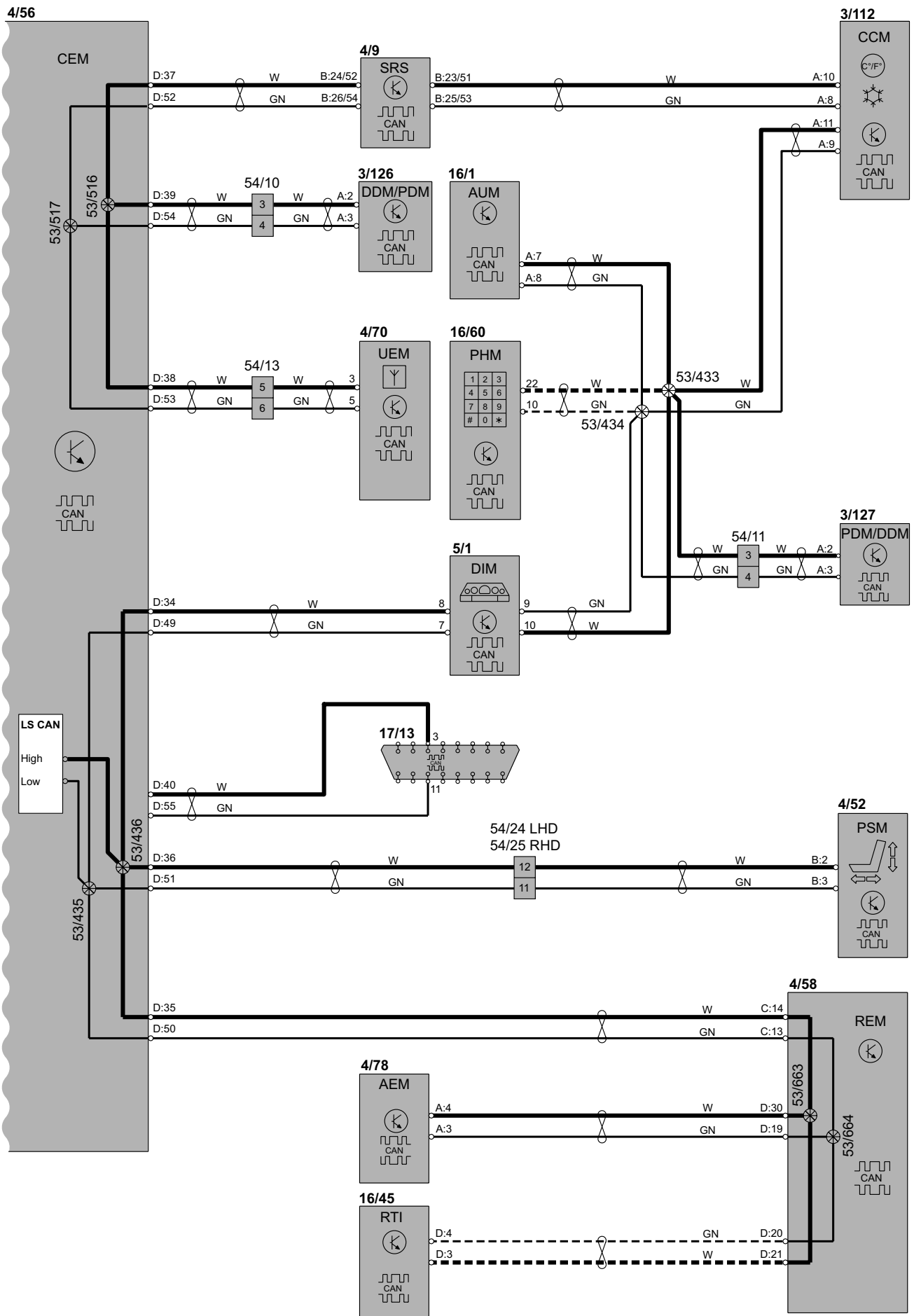
Control modules

High speed CAN data communication

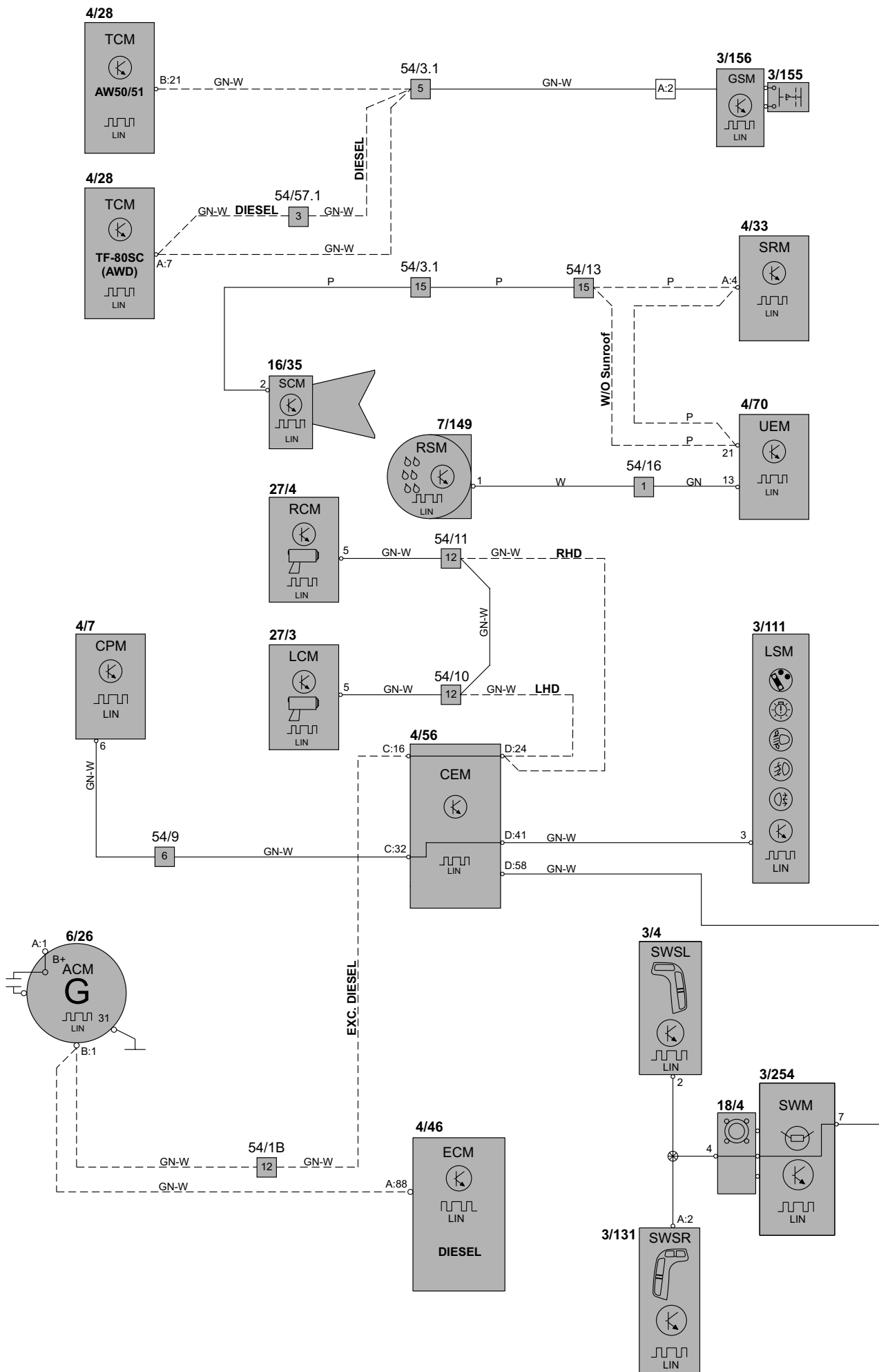


Control modules

Low speed CAN data communication

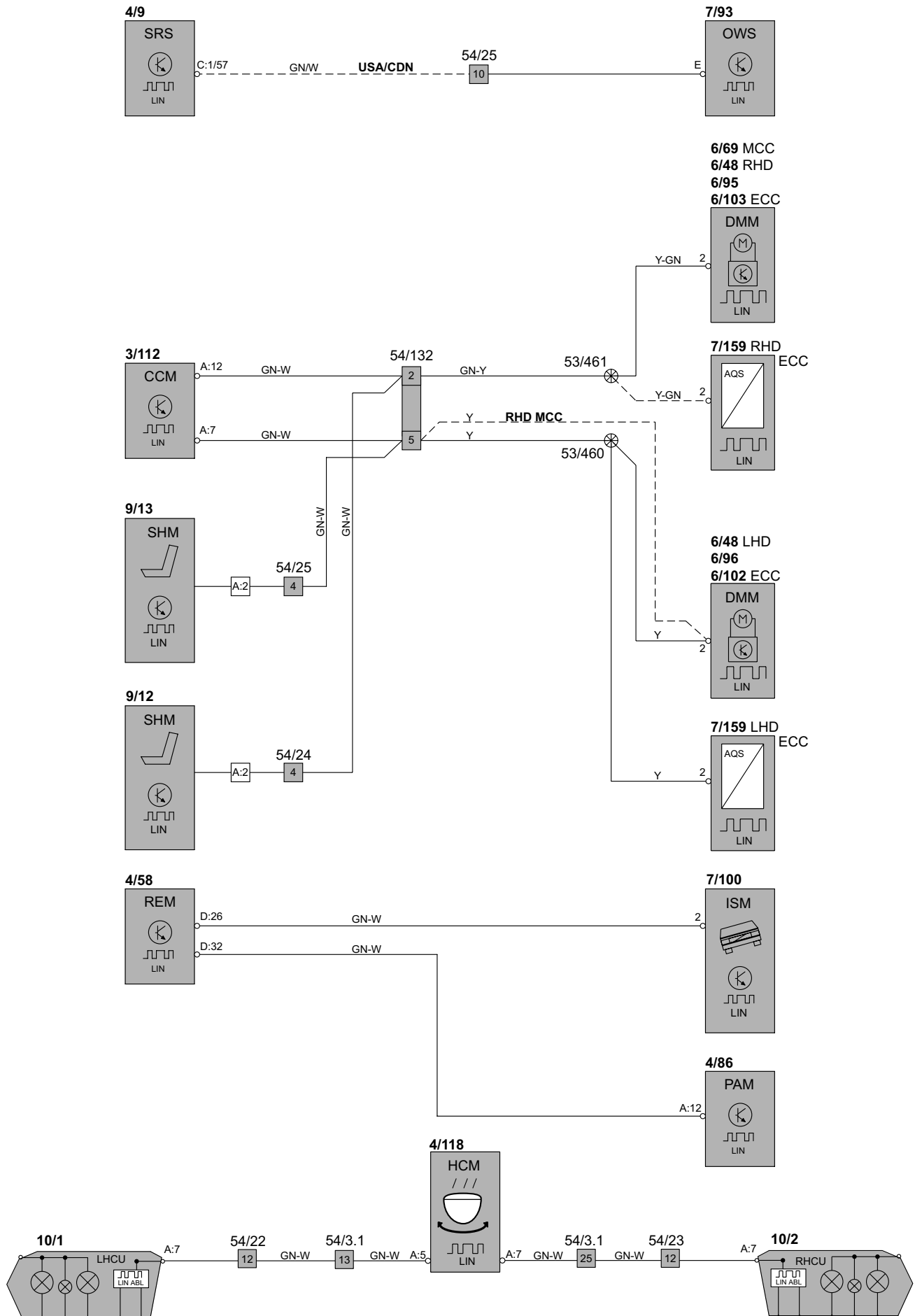


LIN data communication 1:2

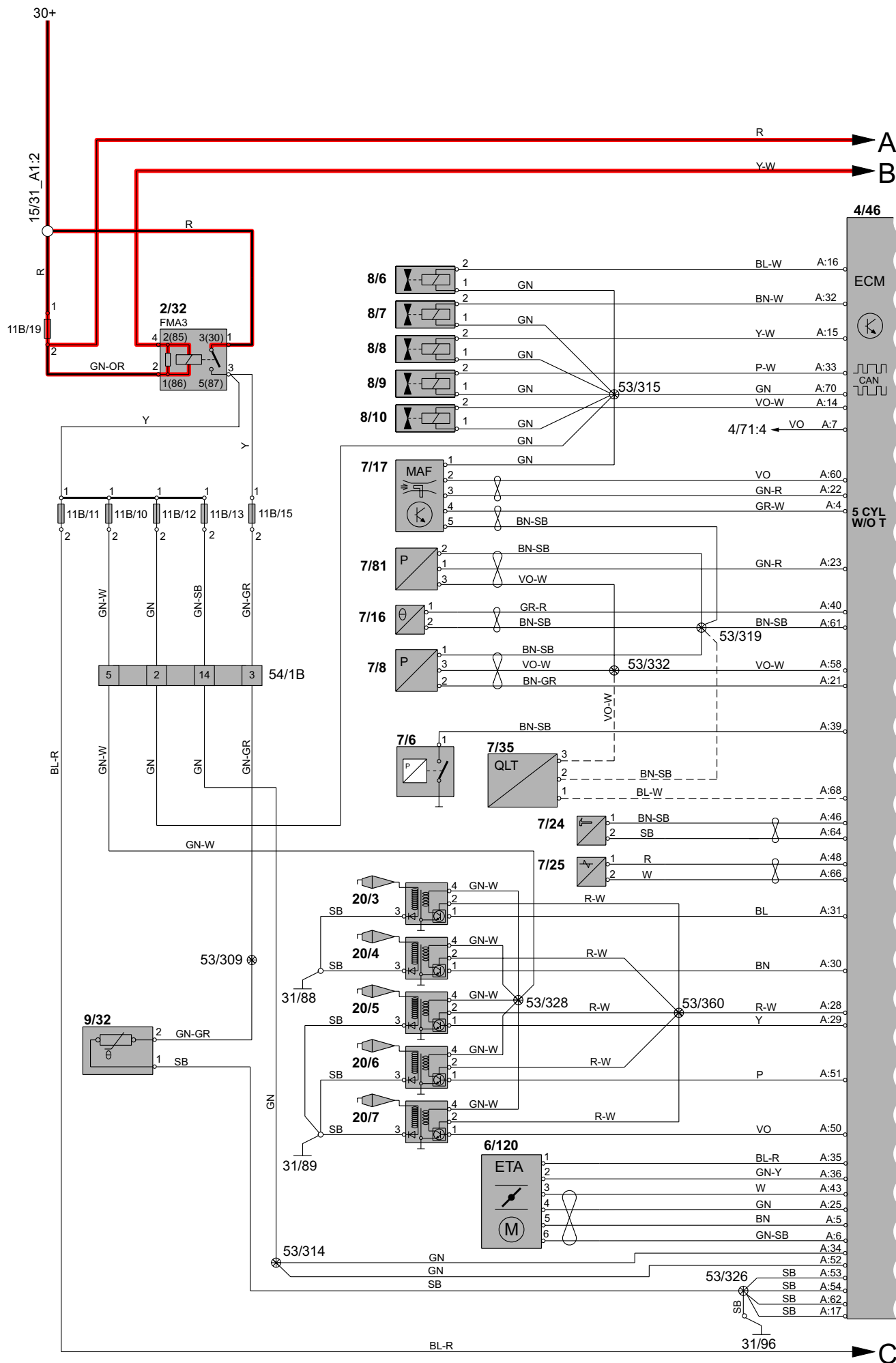


Control modules

LIN data communication 2:2

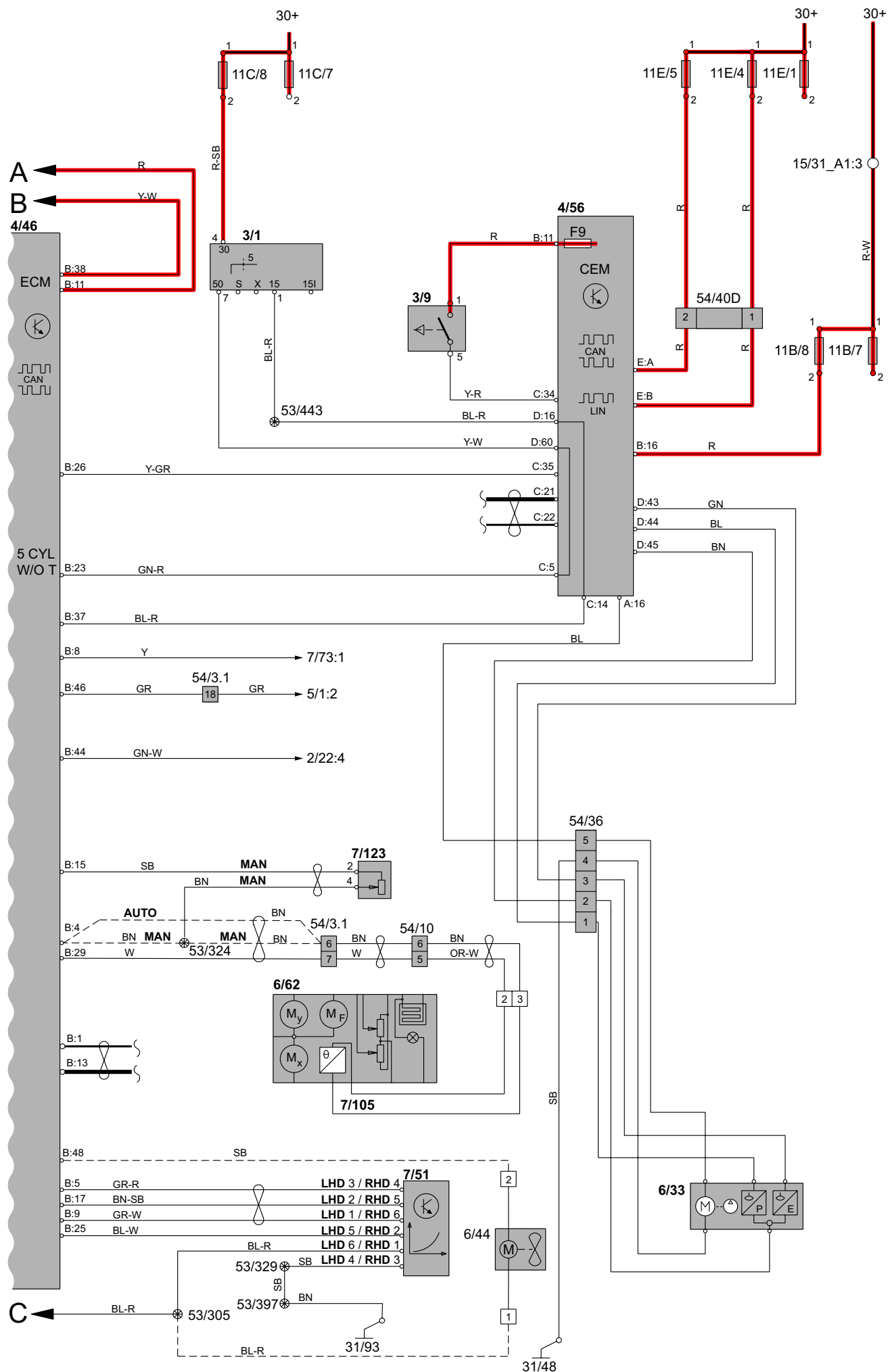


Engine management system, 5-cyl. 1:2

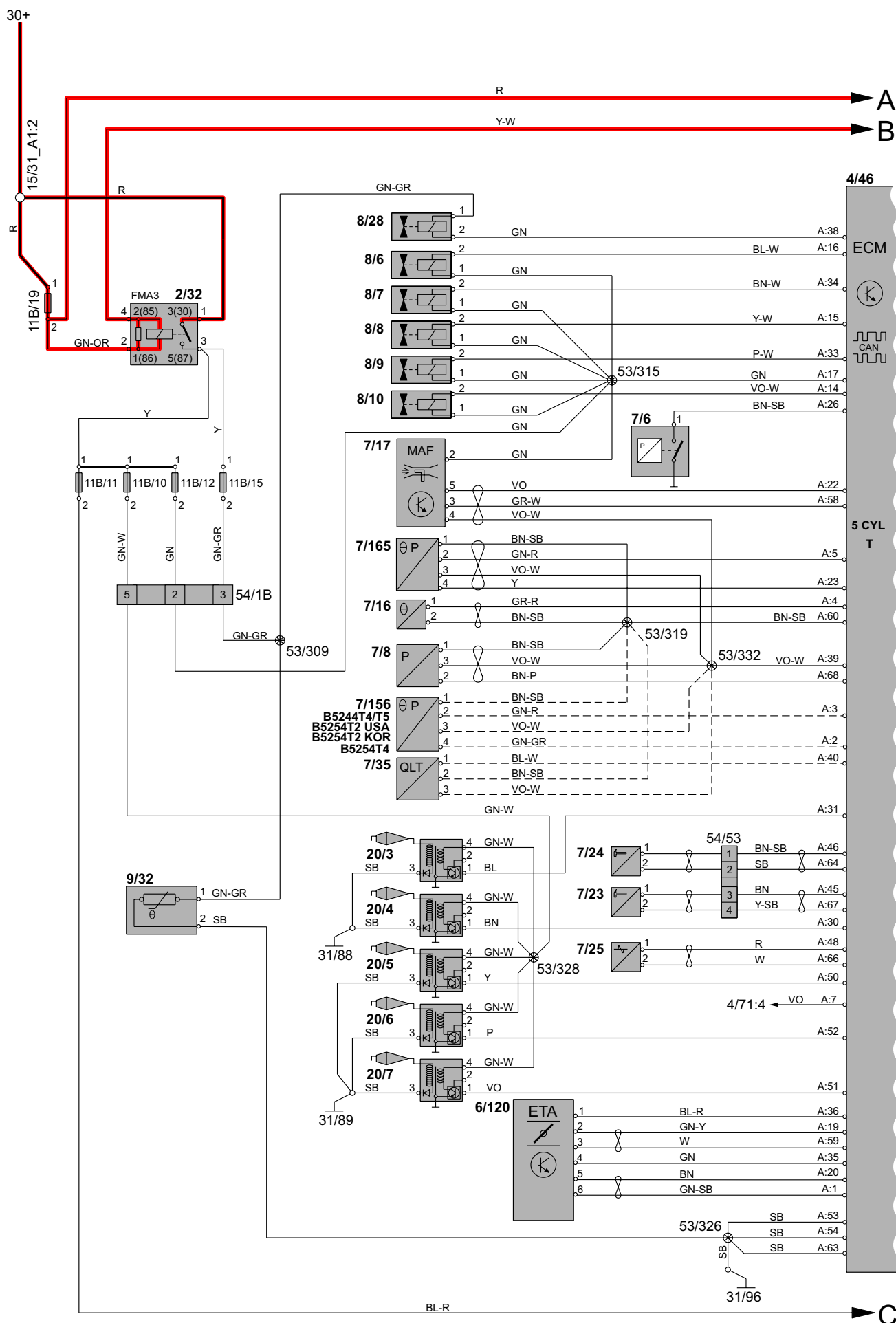


Group 23 Fuel system

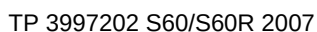
Engine management system, 5-cyl. 2:2



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

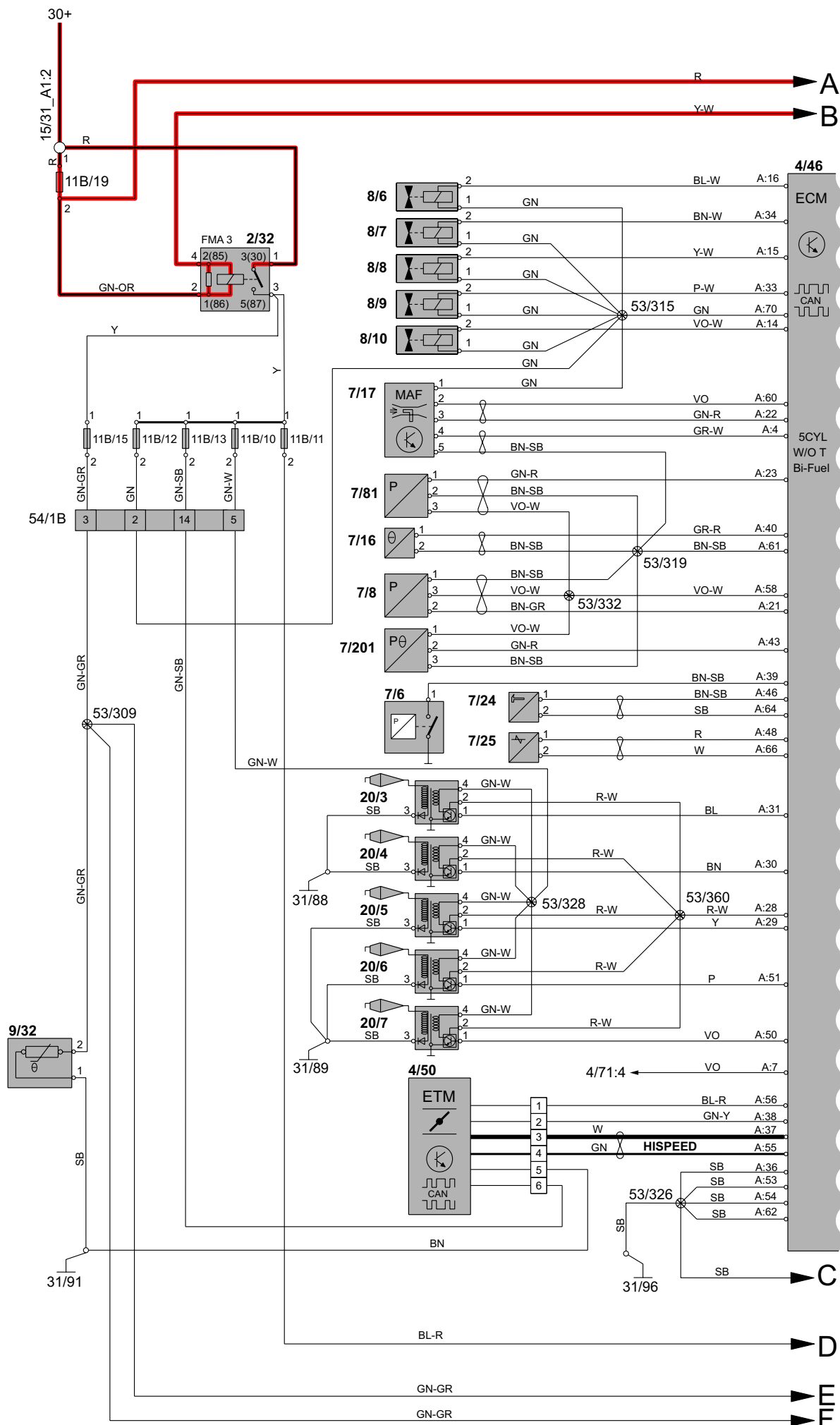


Engine management system, 5-cyl. Turbo 2:2



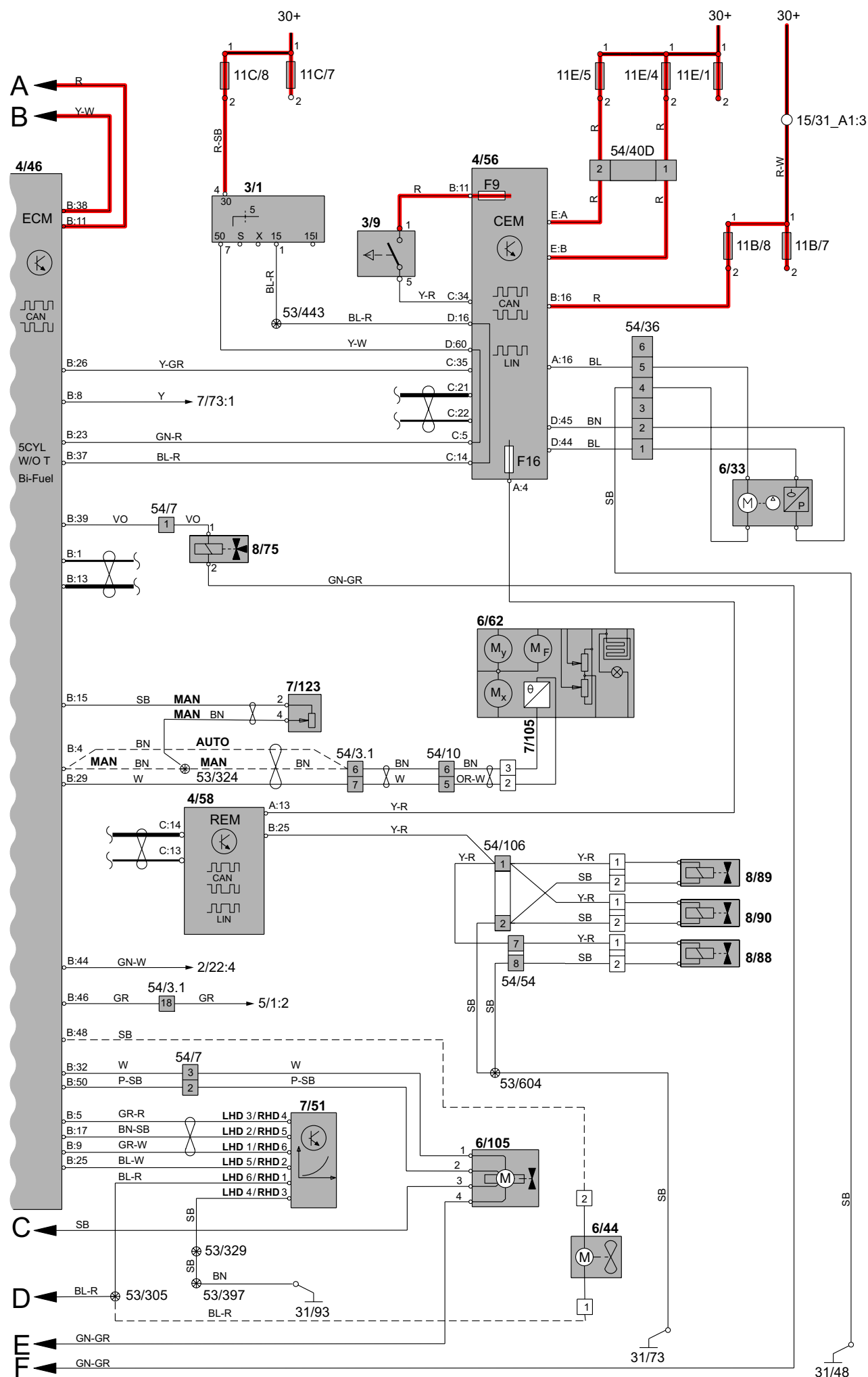
Group 23 Fuel system

Engine management system, Bi-Fuel 1:2



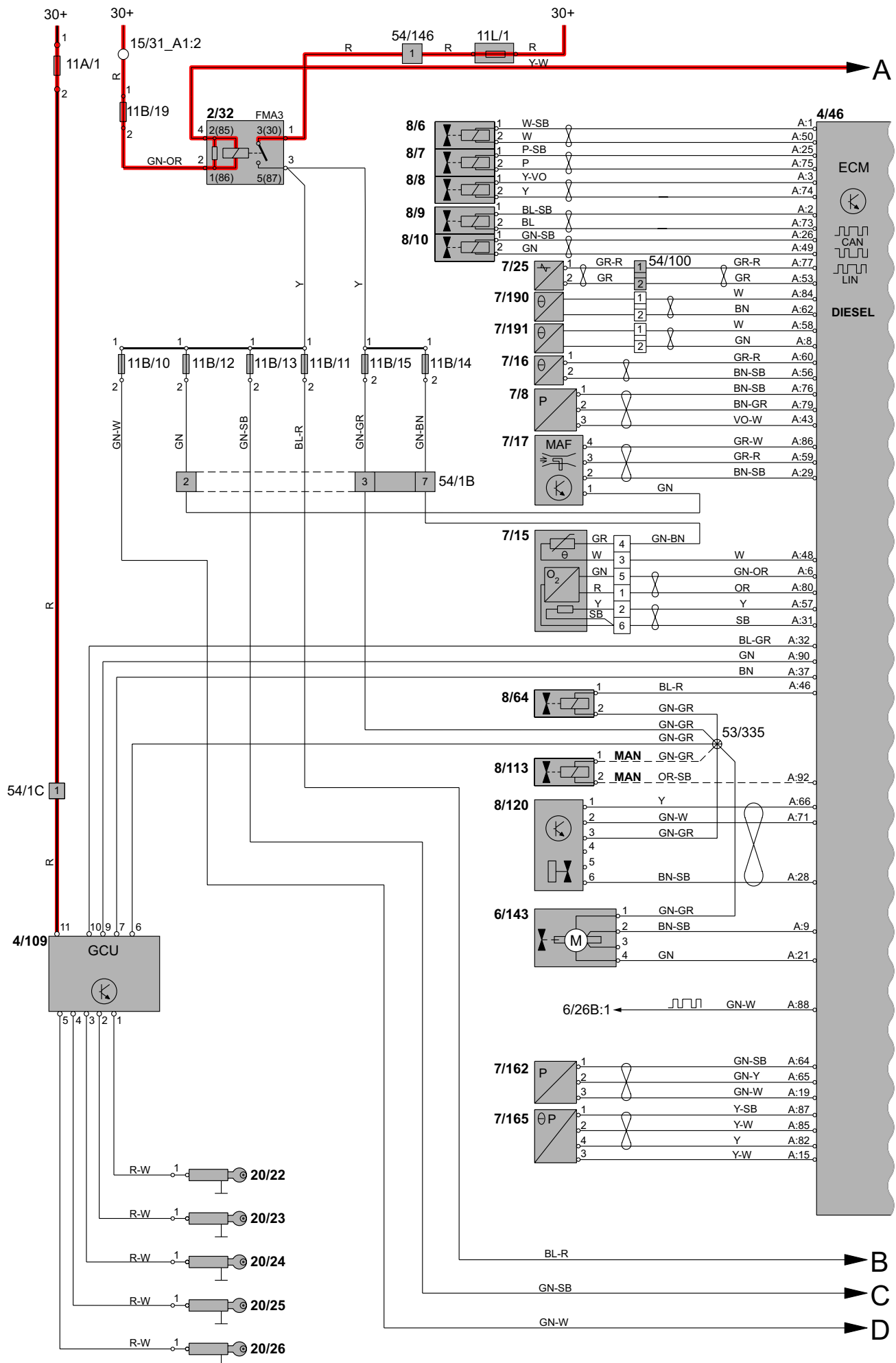
Group 23 Fuel system

Engine management system, Bi-Fuel 2:2

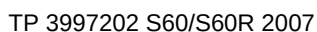


Group 23 Fuel system

Engine management system, 5-cyl. Diesel 1:3

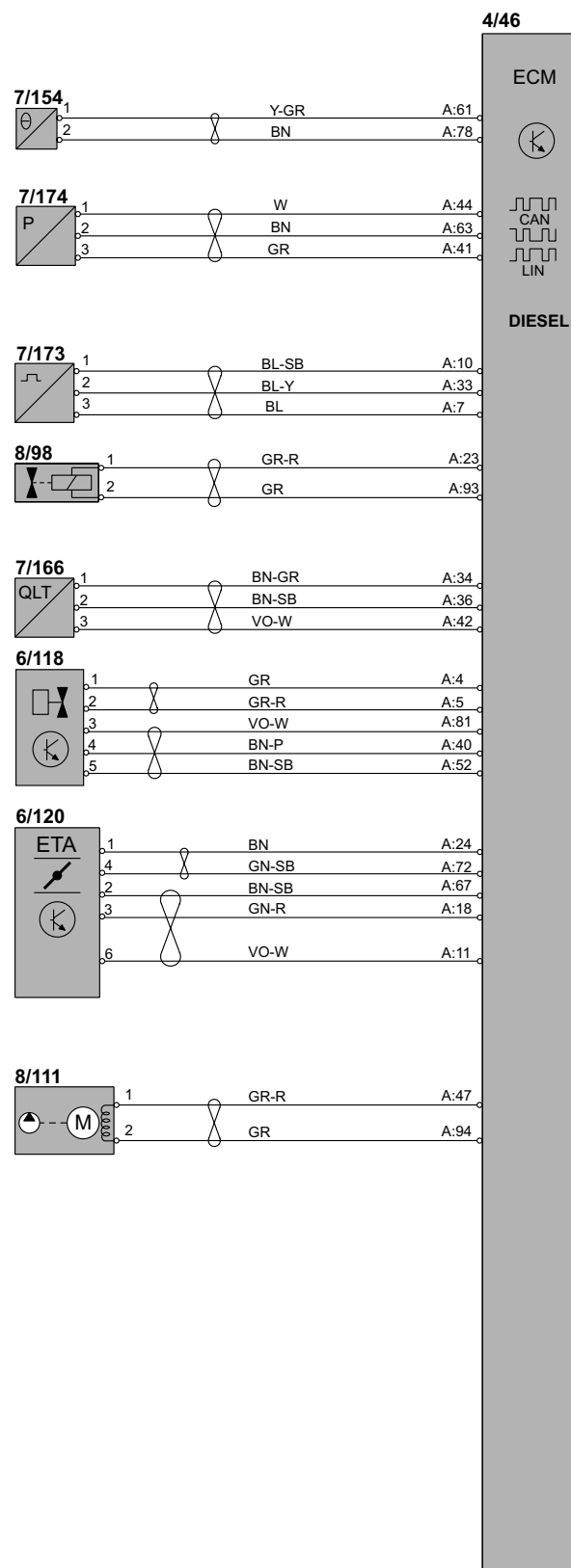


Engine management system, 5-cyl. Diesel 2:3

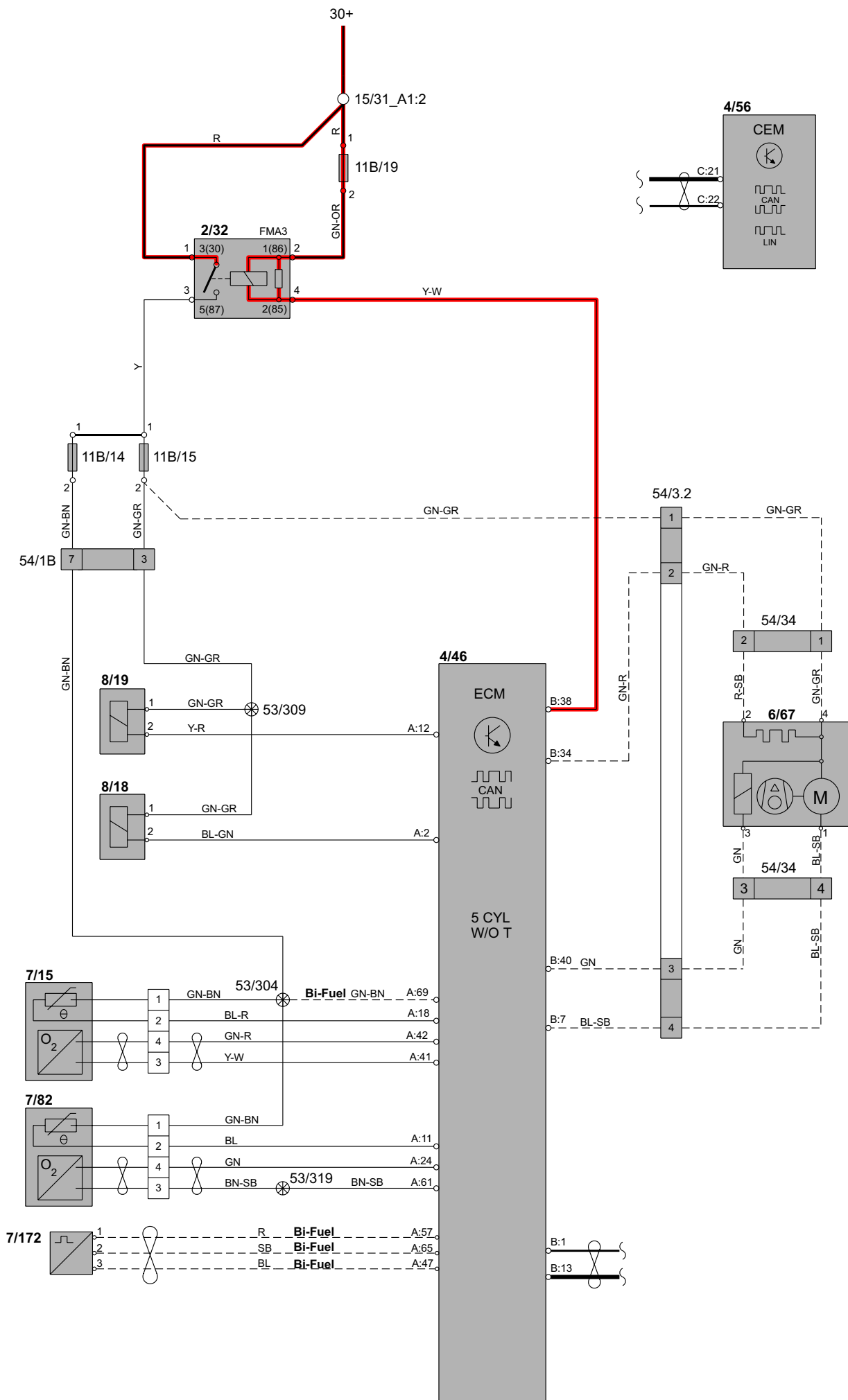


Group 23 Fuel system

Engine management system, 5-cyl. Diesel 3:3

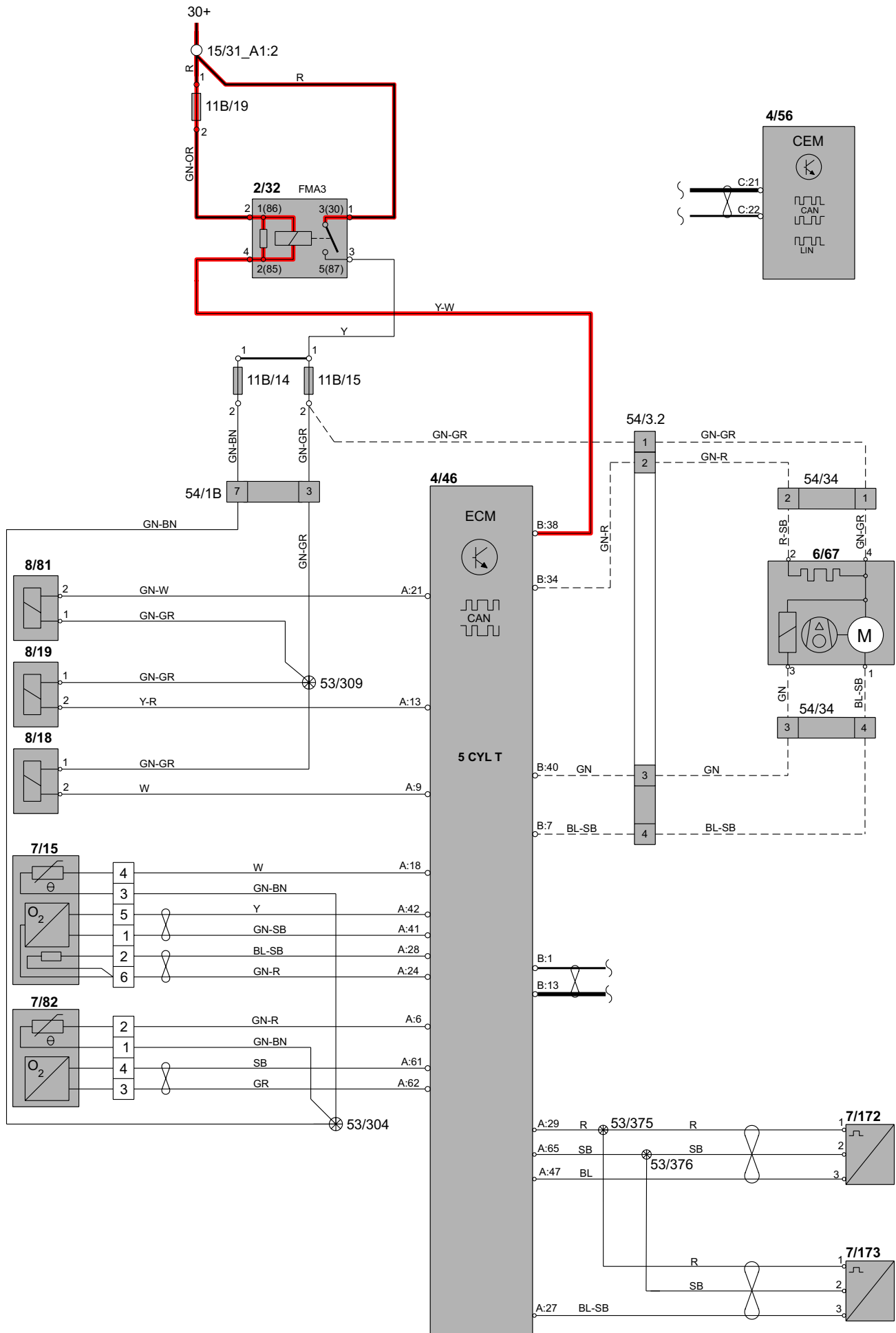


Group 23 Fuel system Emission control, 5-cyl.



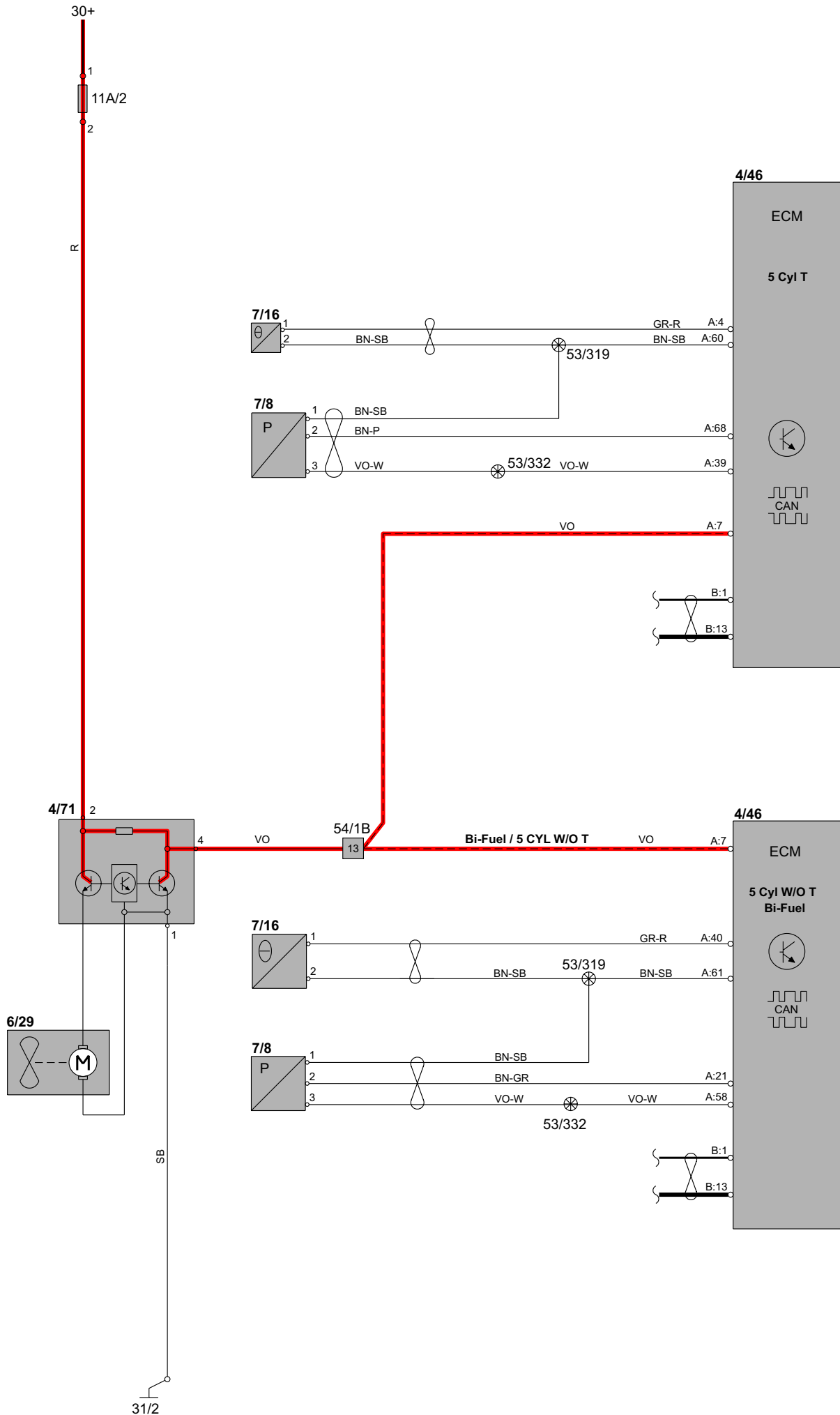
Group 23 Fuel system

Emission control, 5-cyl. Turbo



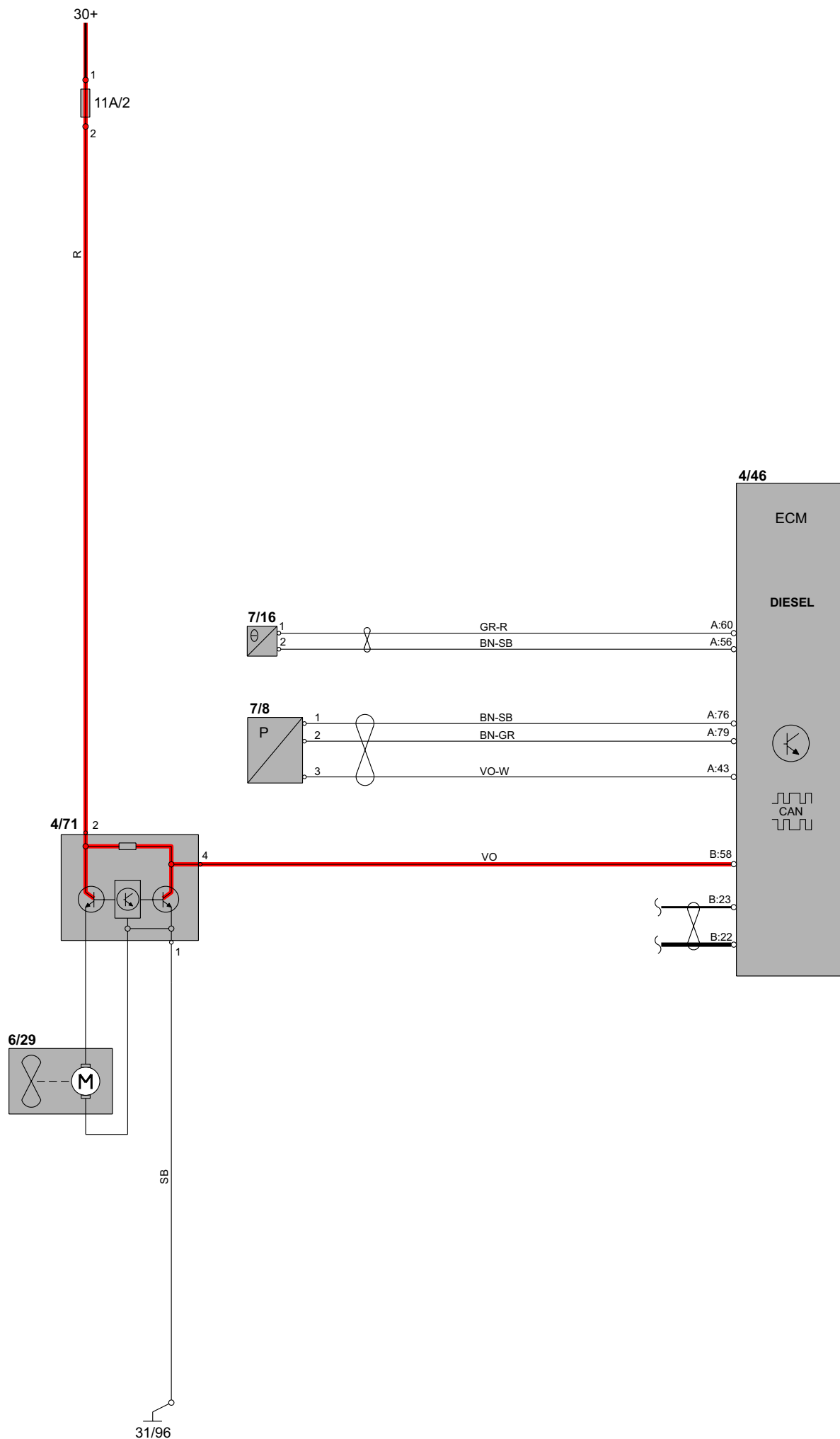
Group 26 Cooling system

Cooling fan

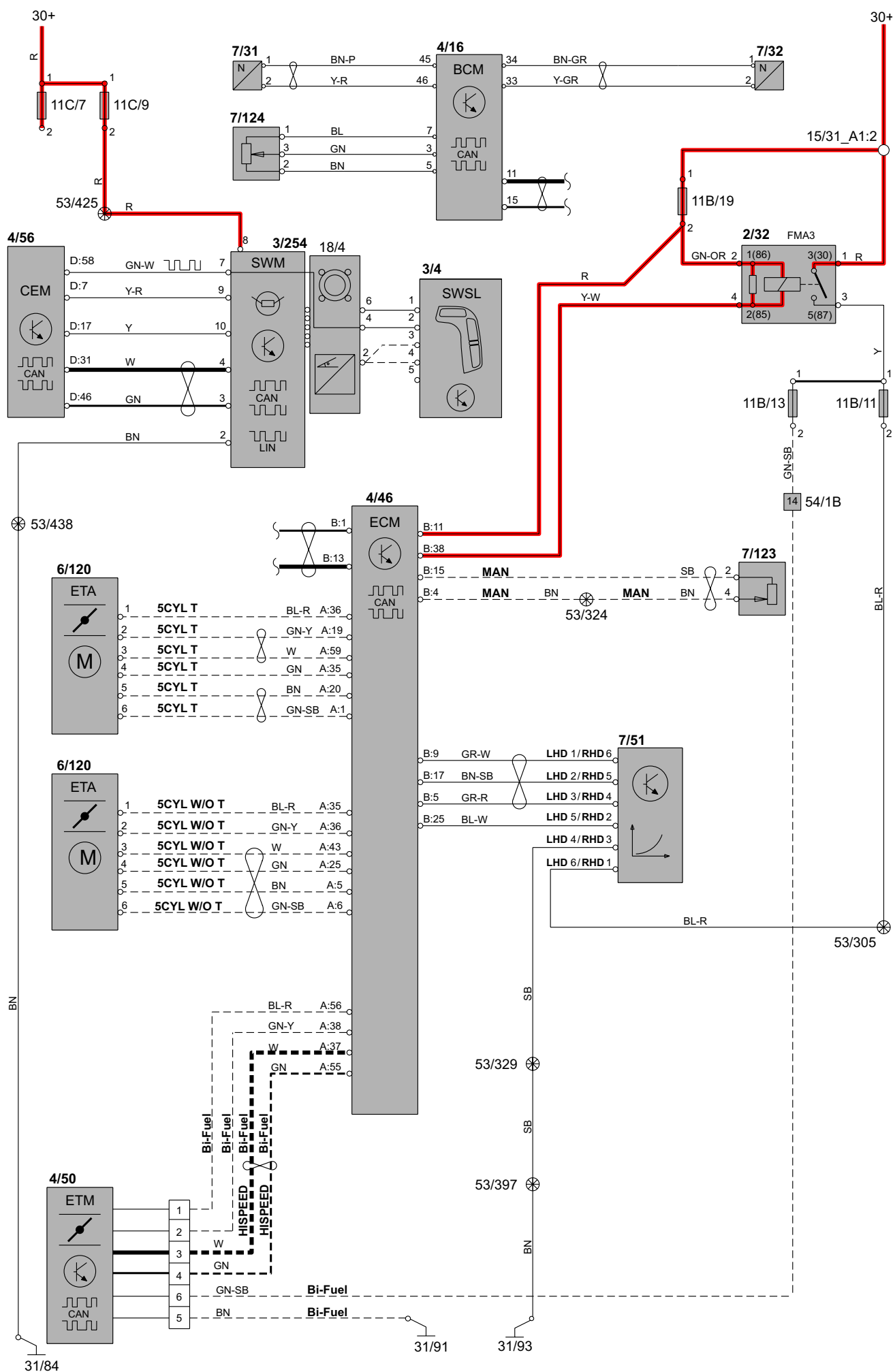


Group 26 Cooling system

Cooling fan, Diesel

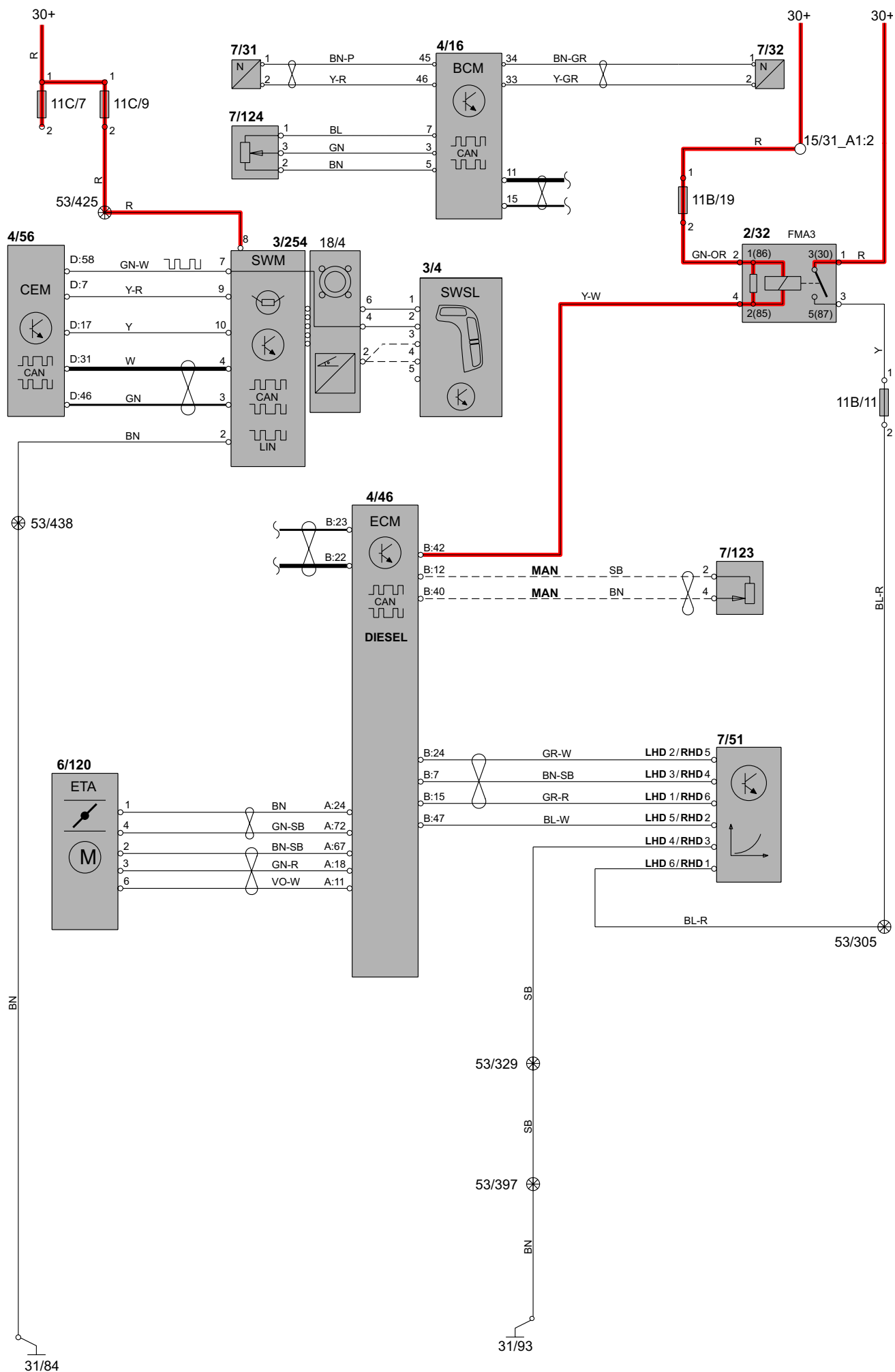


Group 27 Engine control
Cruise control



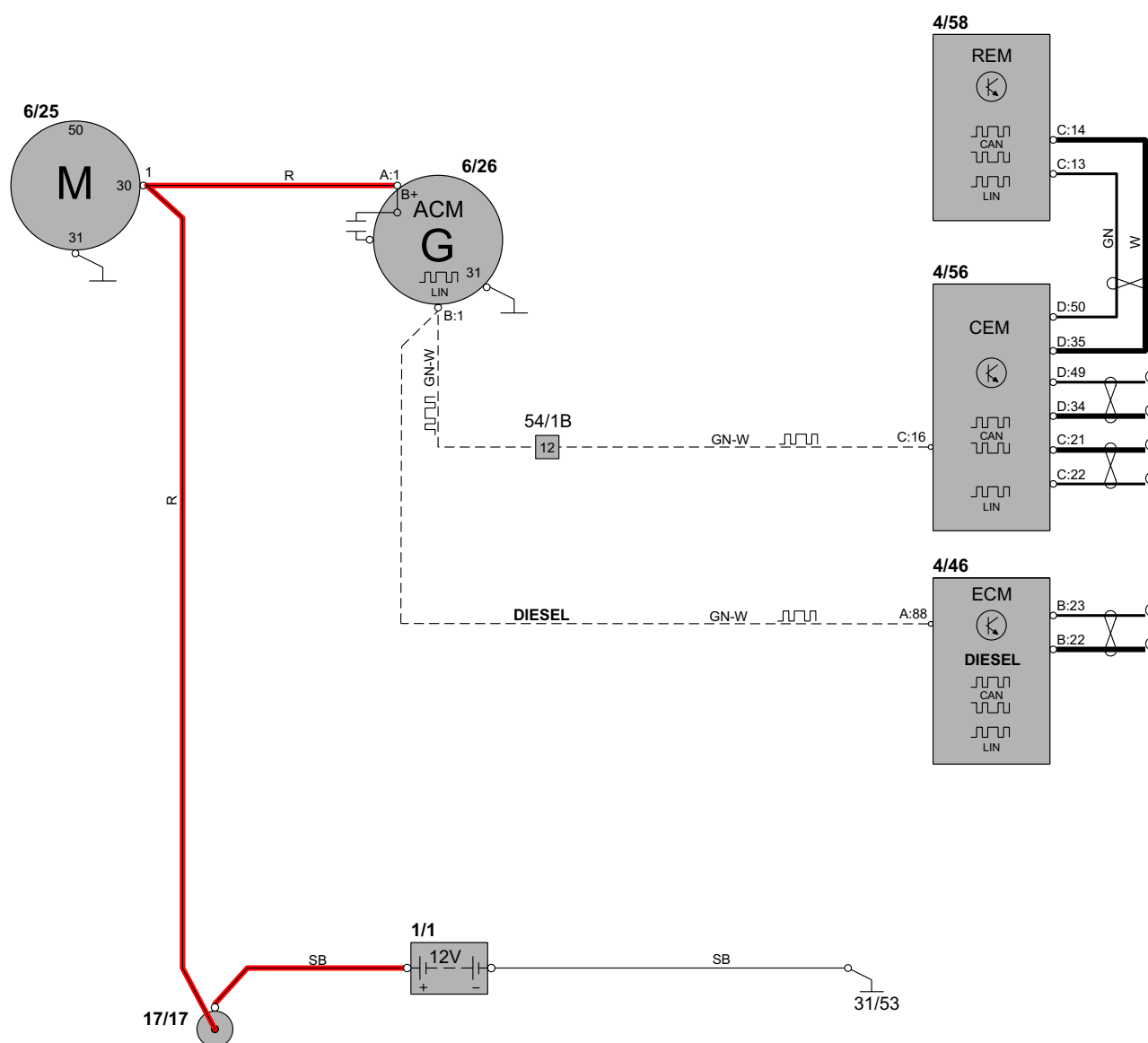
Group 27 Engine control

Cruise control, Diesel

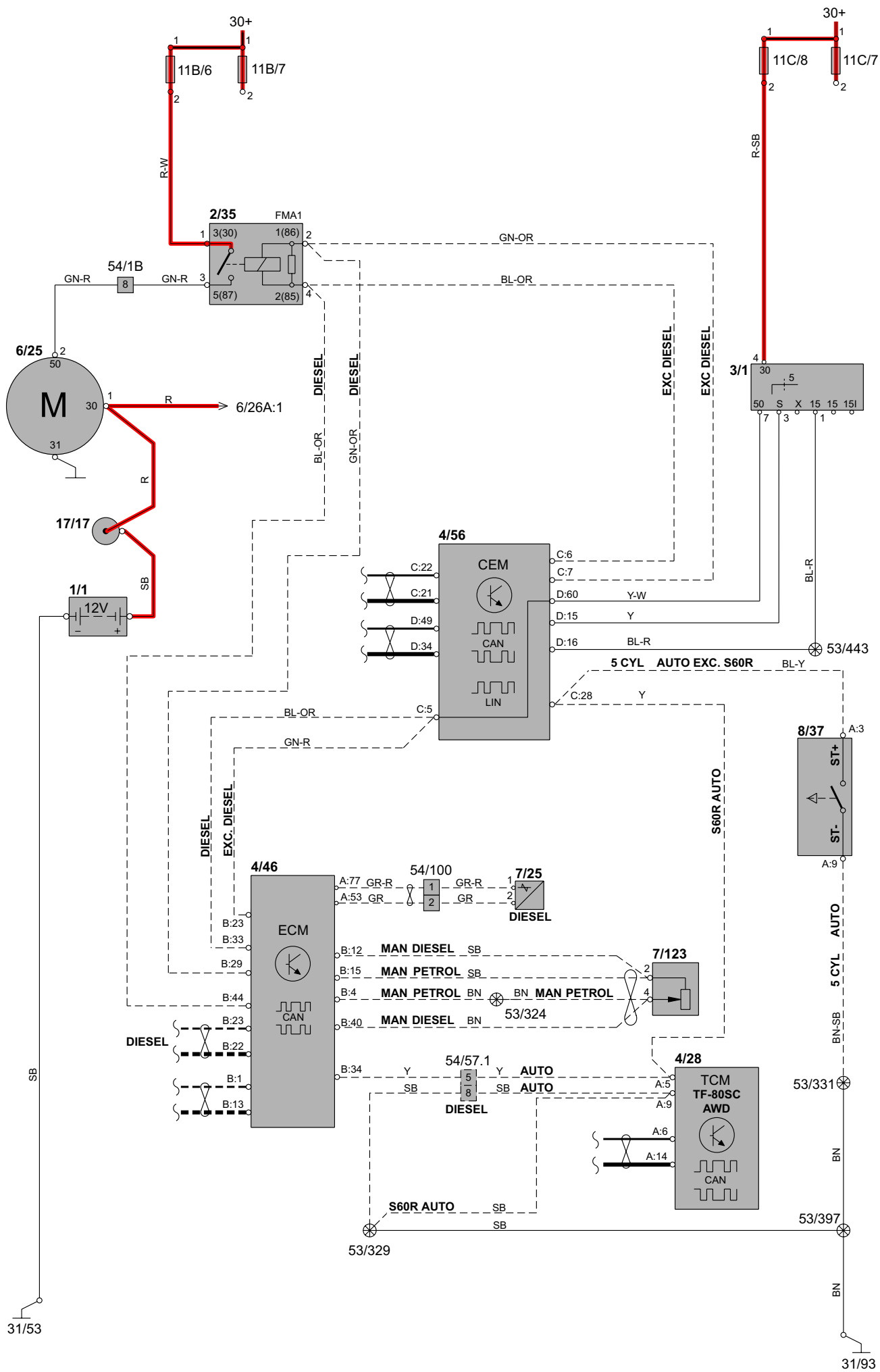


Group 32 Generator and voltage regulator

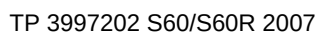
Power supply



Group 33 Starting system
Starting system

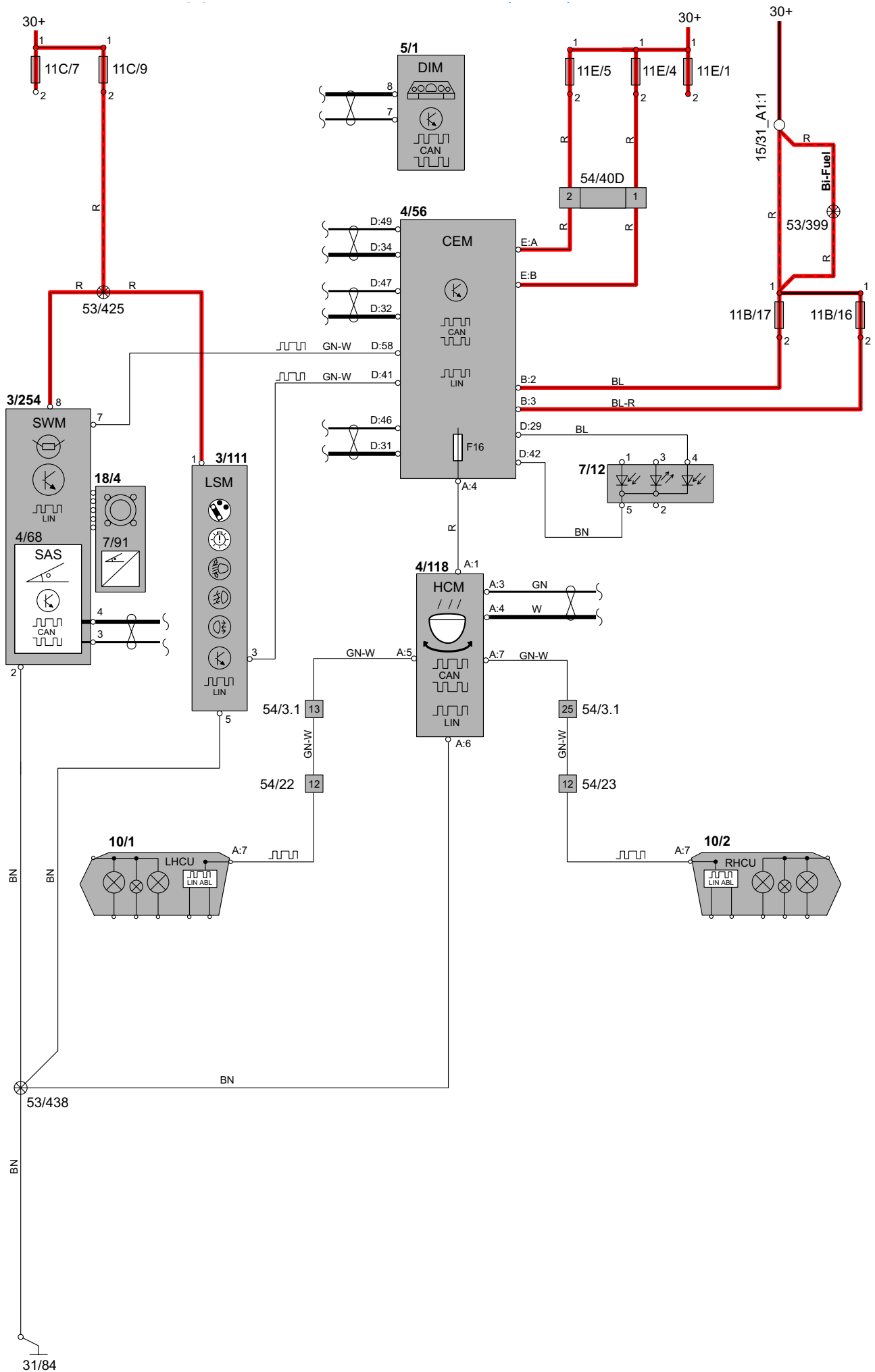


High and low beam (Bi-Xenon) & daytime running lights



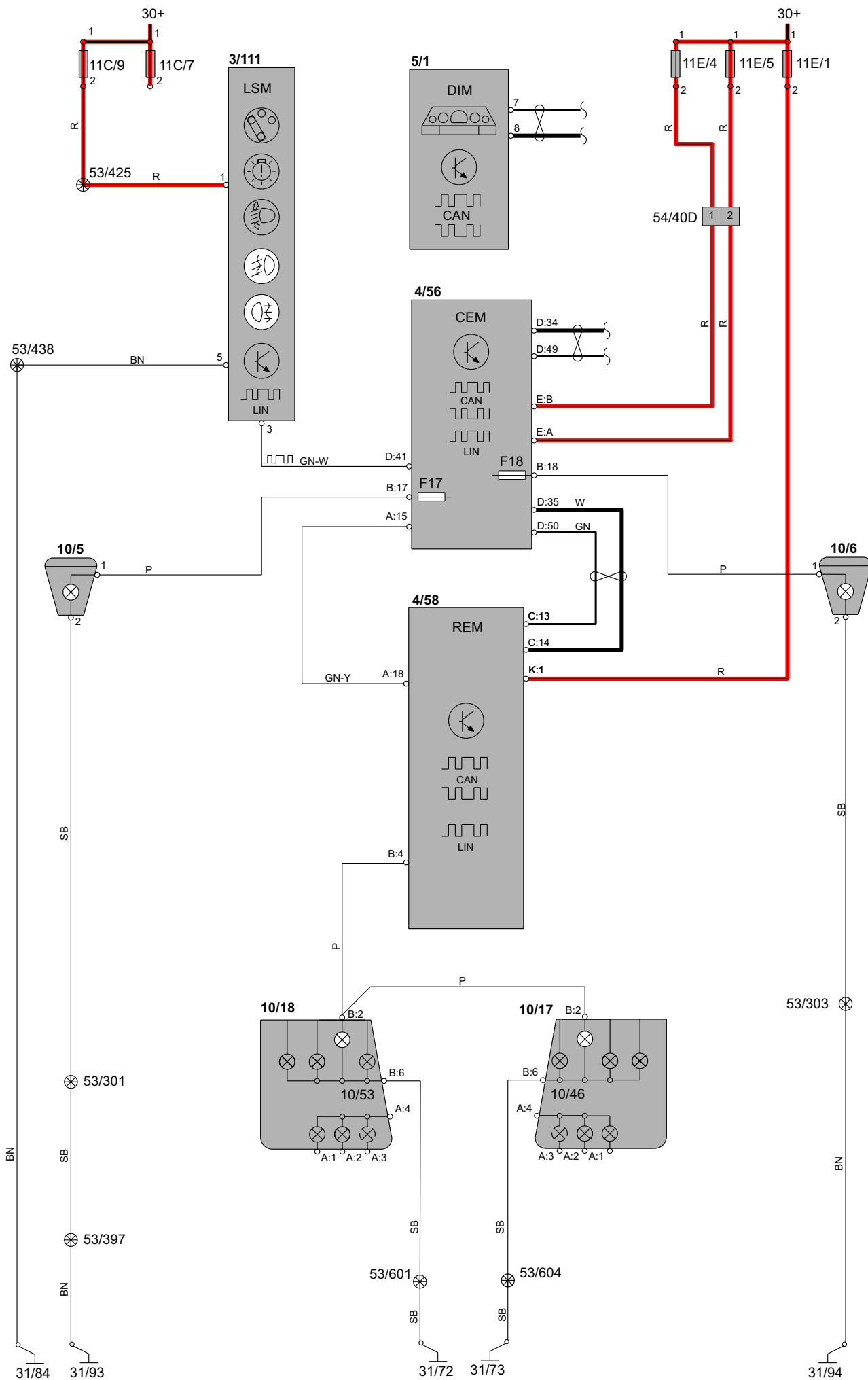
Group 35 Lighting

Active headlights (ABL)

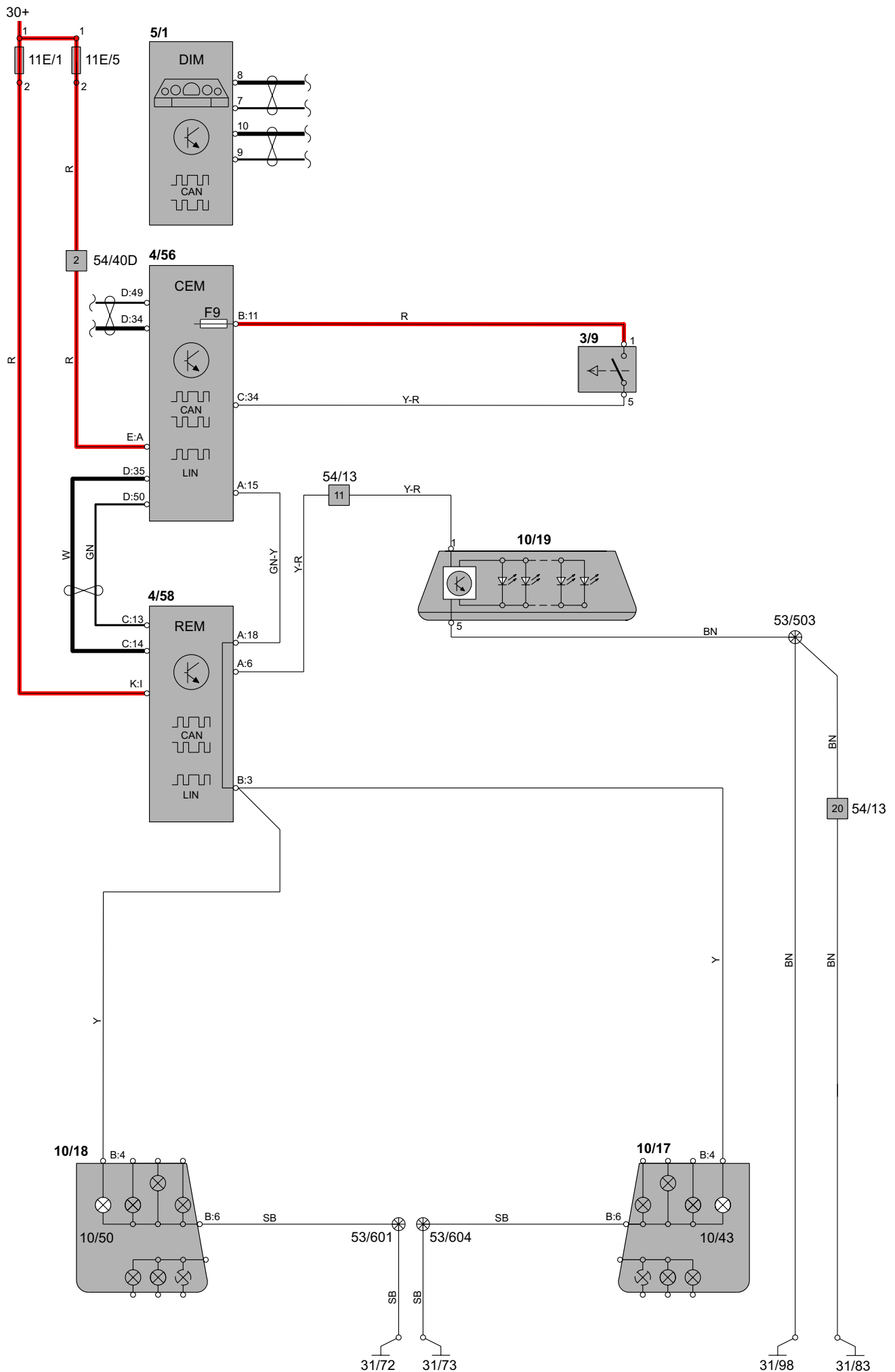


Group 35 Lighting

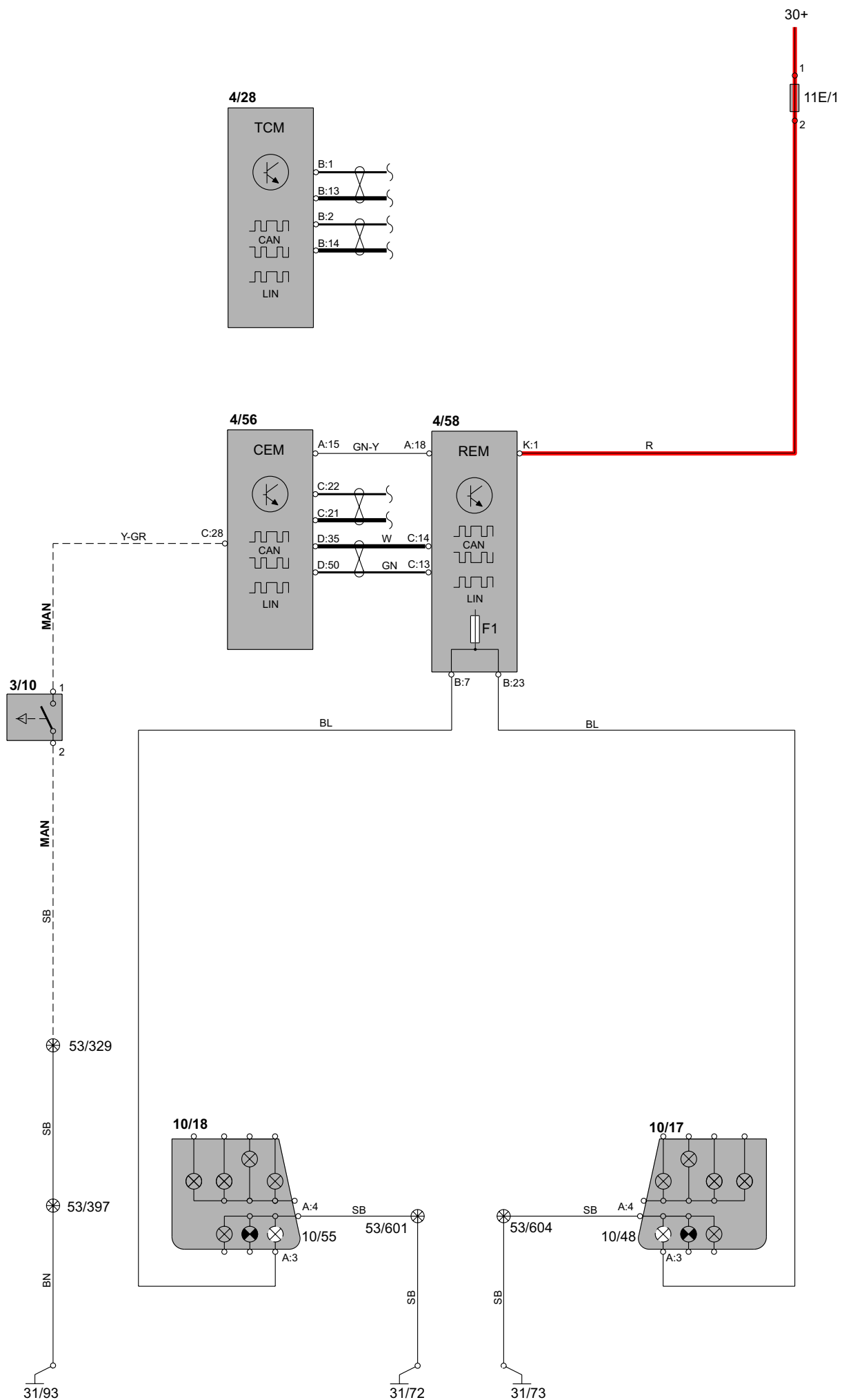
Fog lights



Group 35 Lighting Brake lights

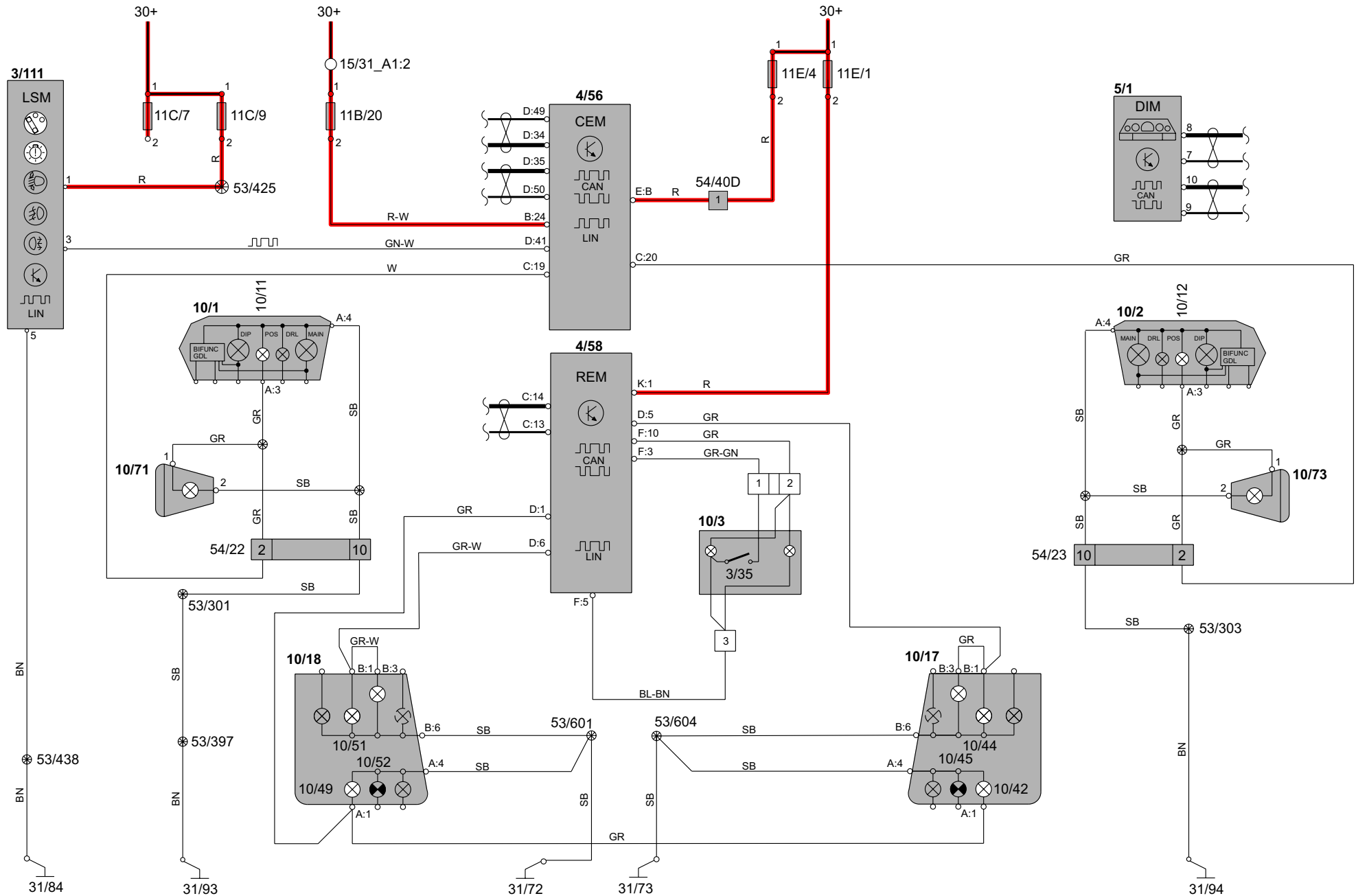


Group 35 Lighting Reversing lights



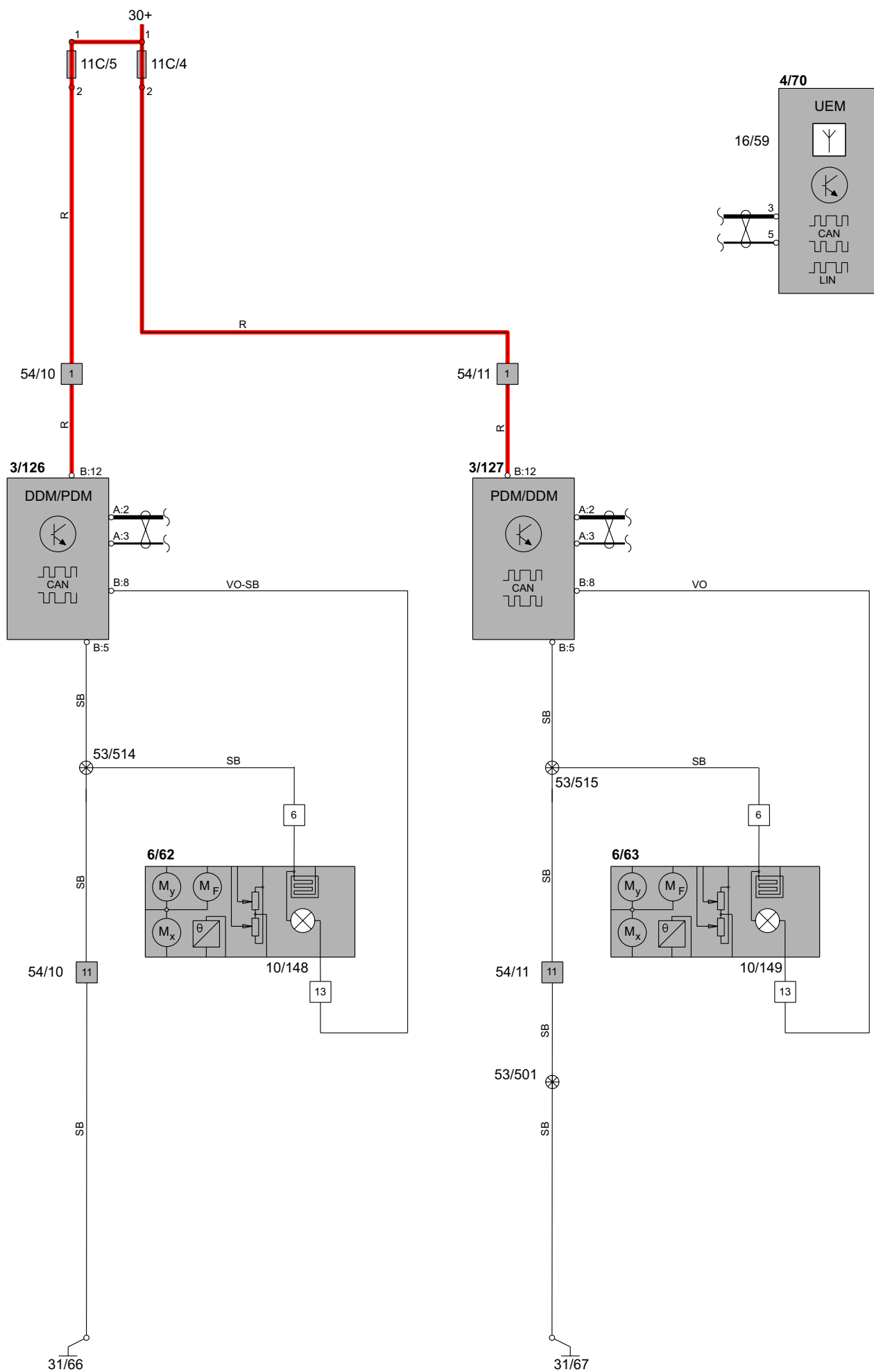
Group 35 Lighting

Running/parking lights, tail lights & license plate lighting



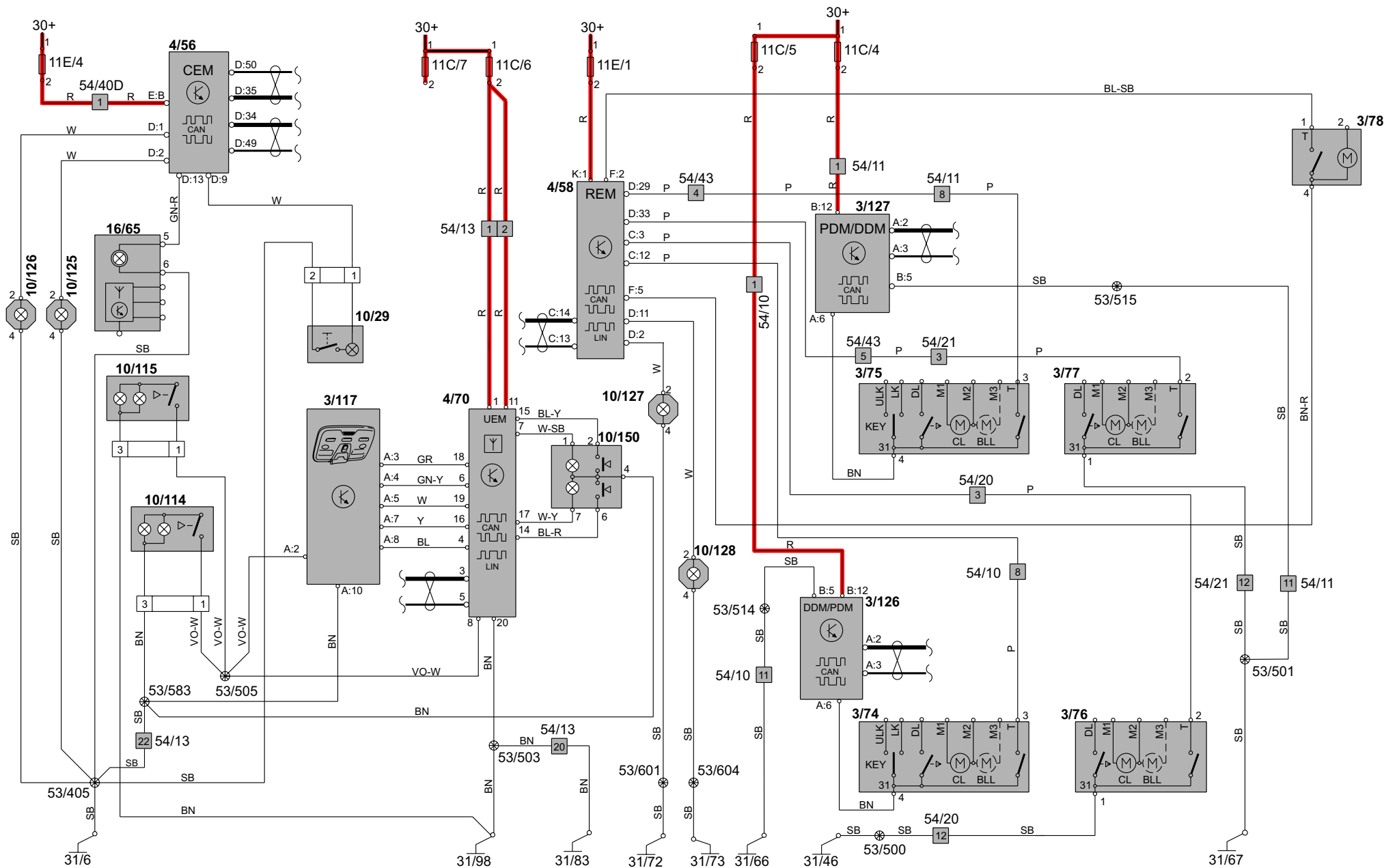
Group 35 Lighting

Follow-me-home lighting



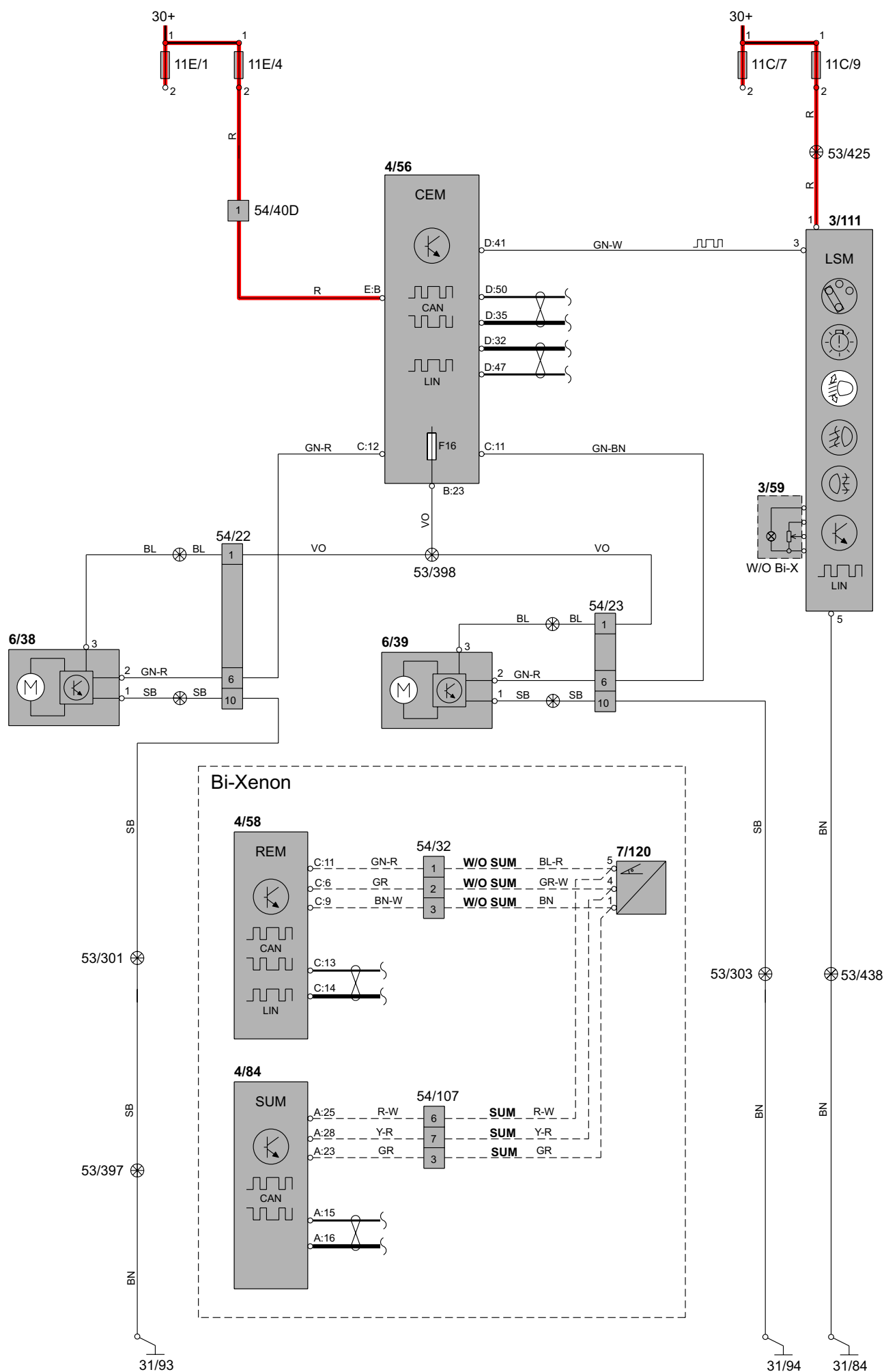
Group 35 Lighting

Interior lighting



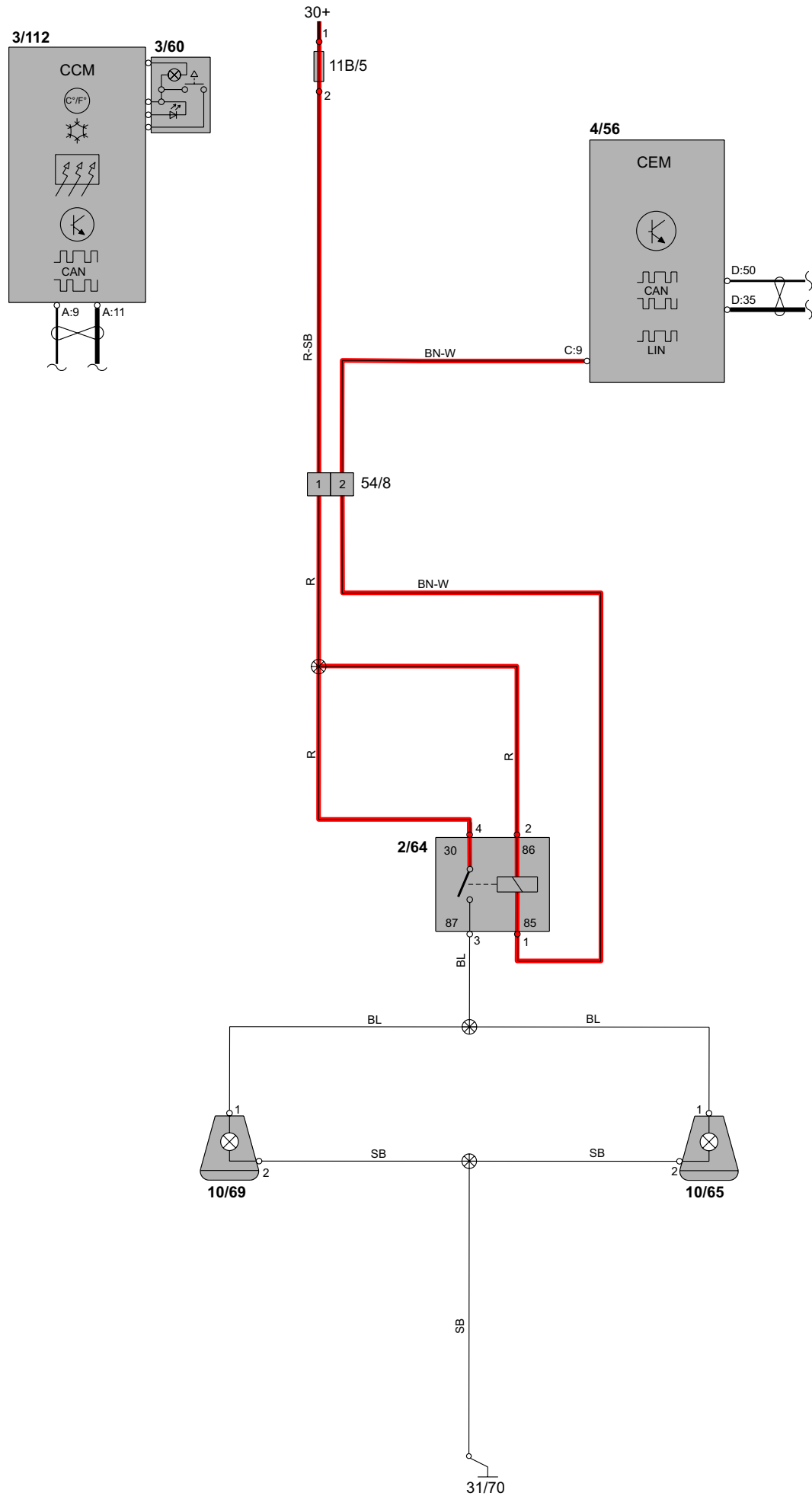
Group 35 Lighting

Beam length adjustment



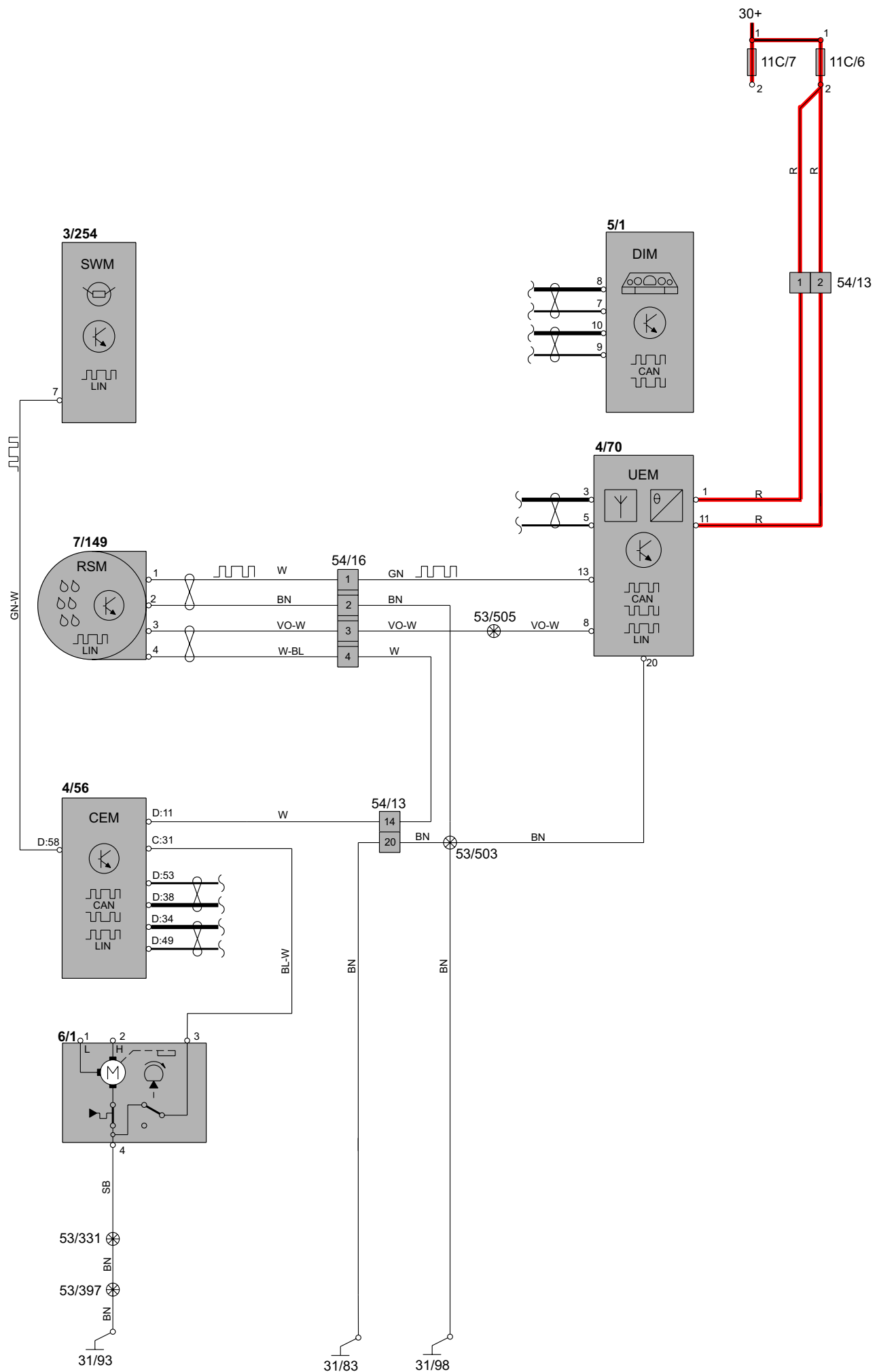
Group 35 Lighting, Accessories

Auxiliary lights



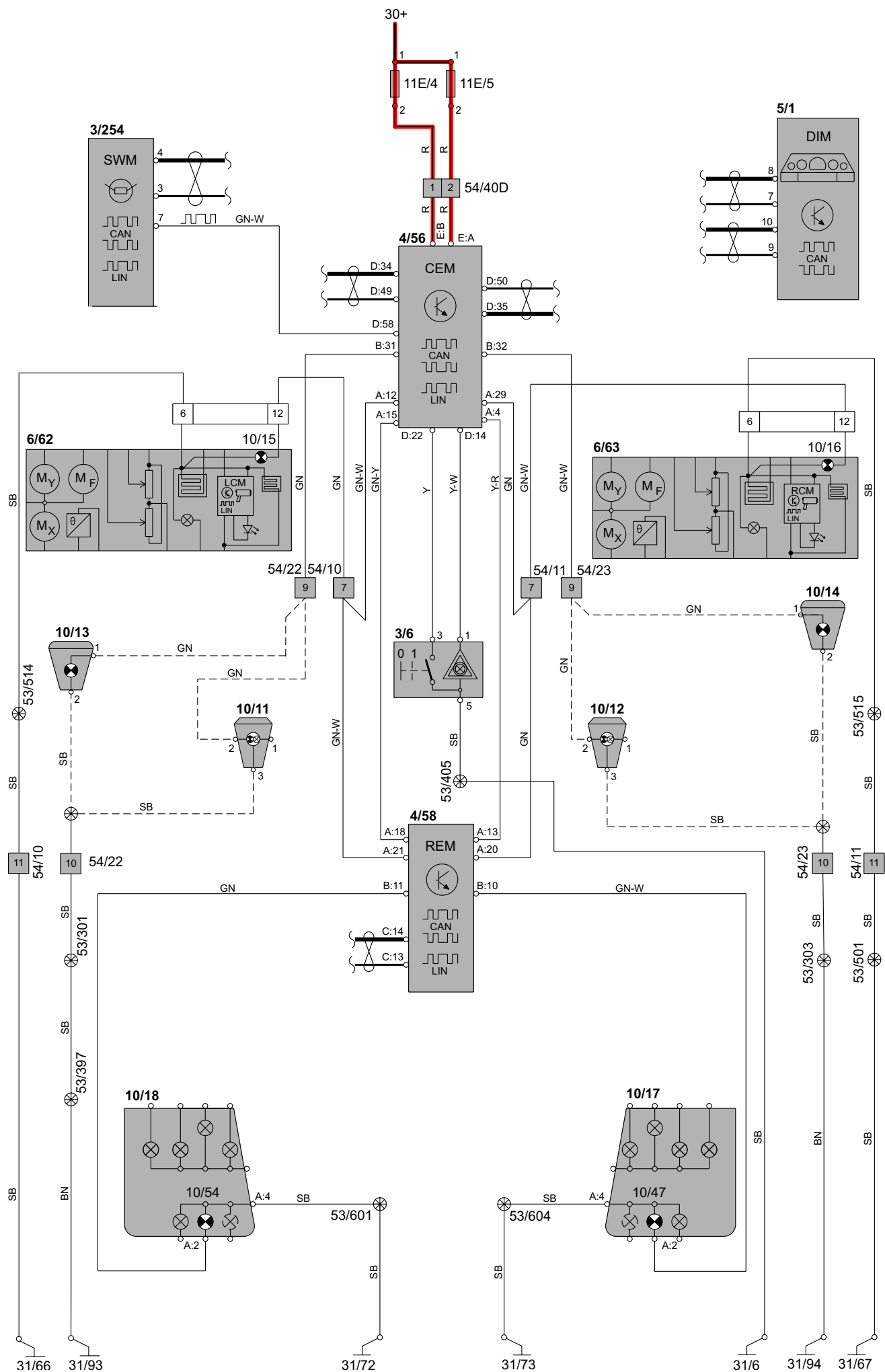
Group 36 Additional electrical equipment

Rain sensor



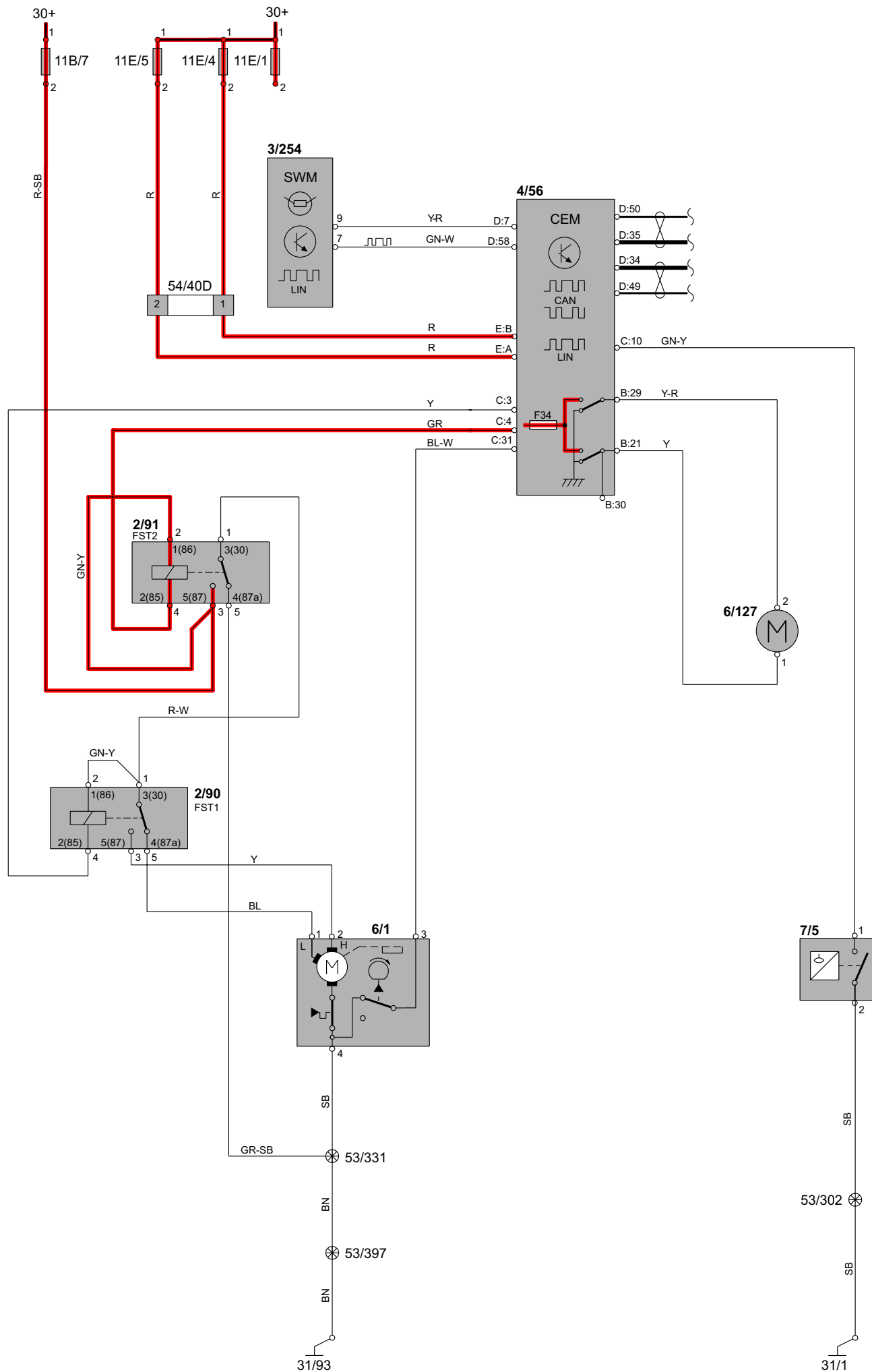
Group 36 Additional electrical equipment

Direction indicator and hazard warning flashers



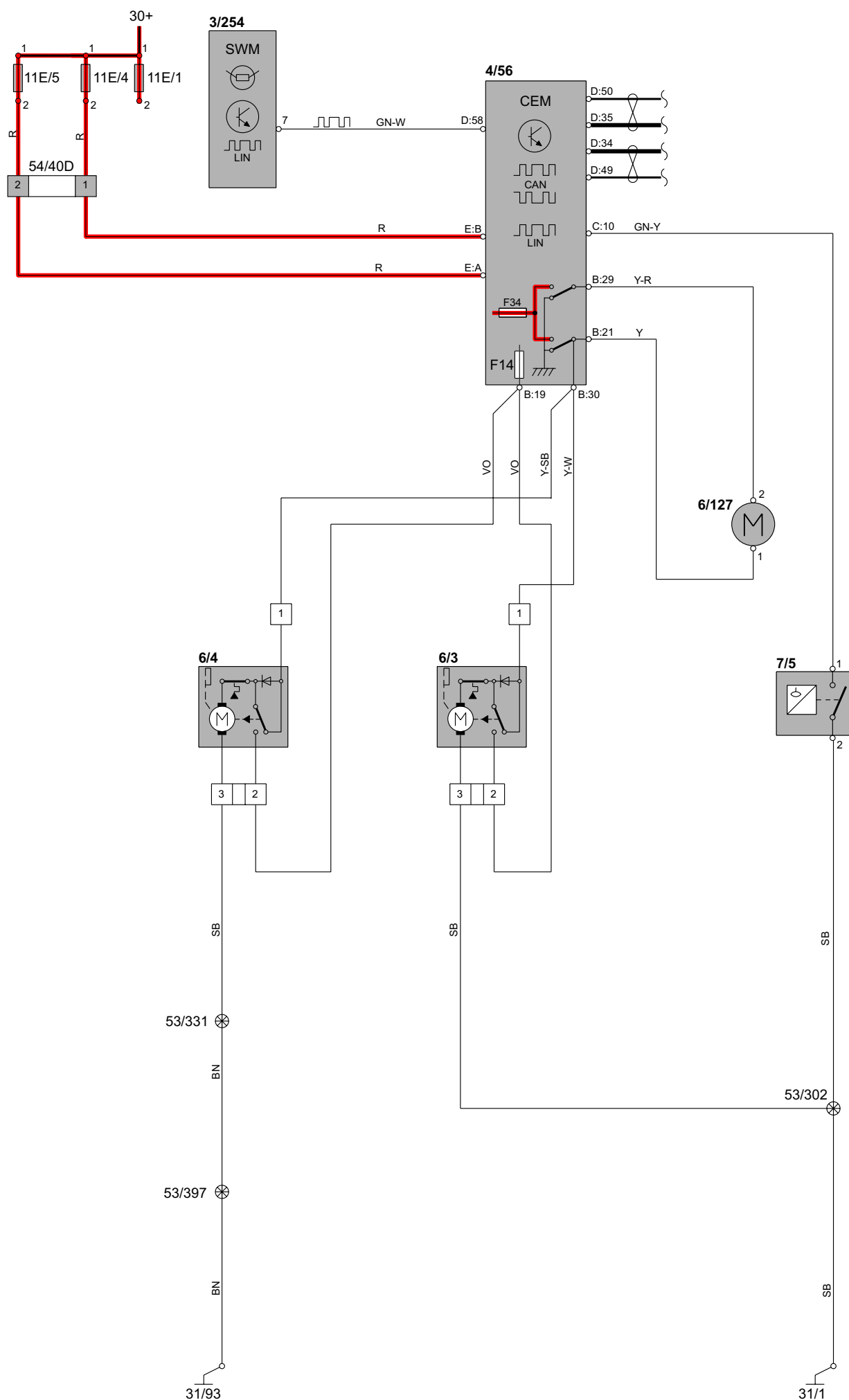
Group 36 Additional electrical equipment

Wiper/washer, windshield

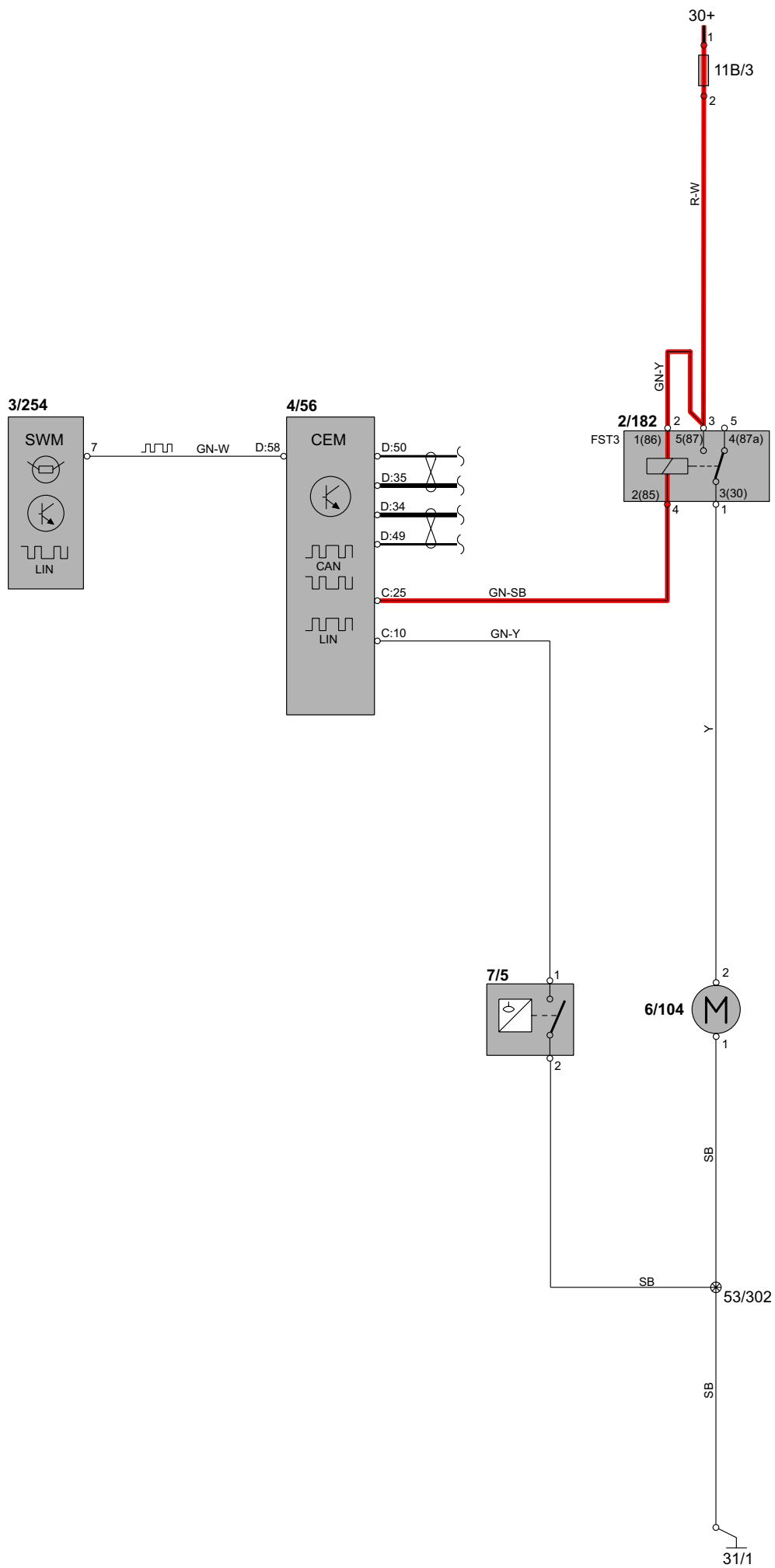


Group 36 Additional electrical equipment

Wiper/washer, headlights

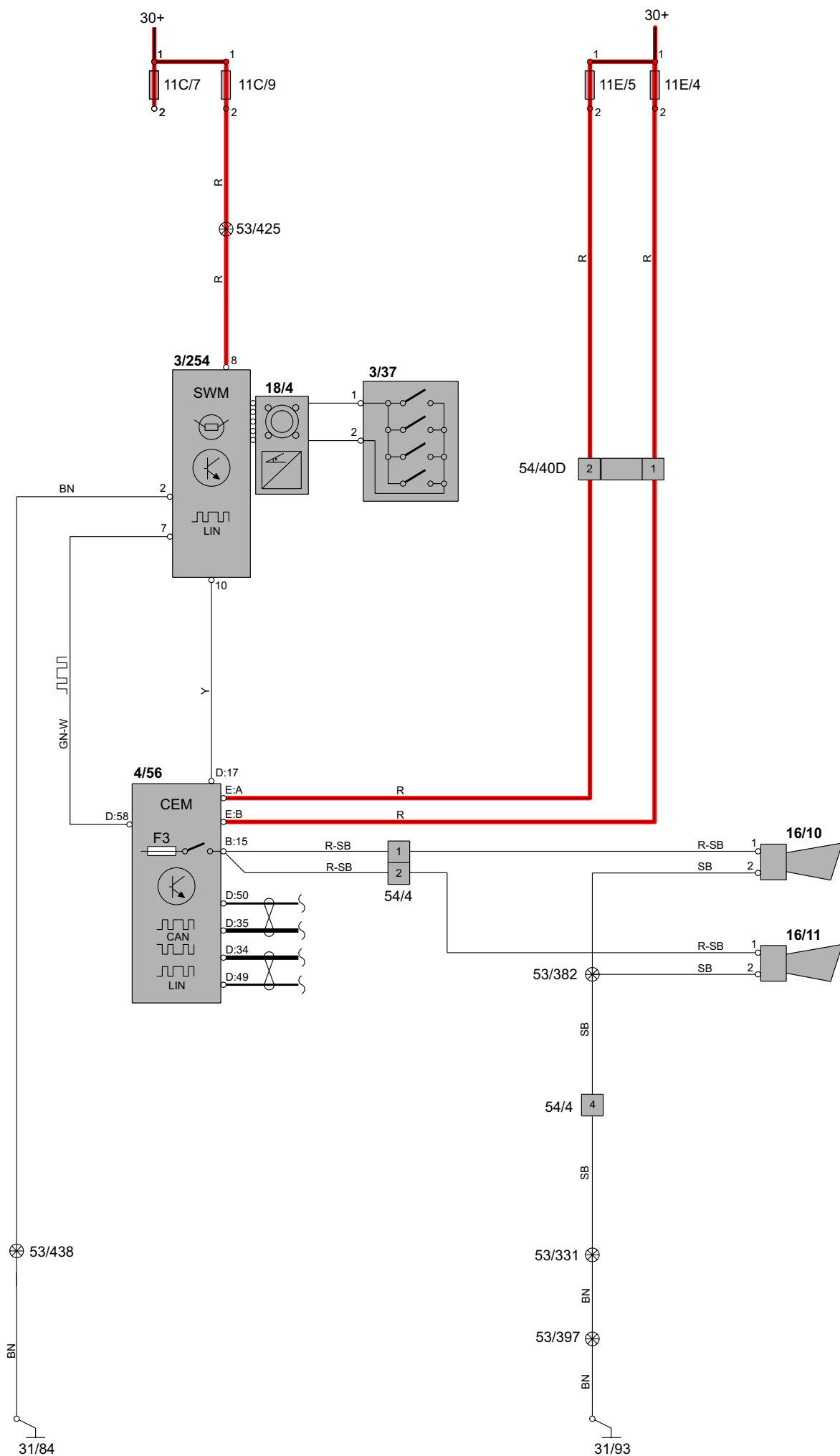


Group 36 Additional electrical equipment
High pressure headlight washer



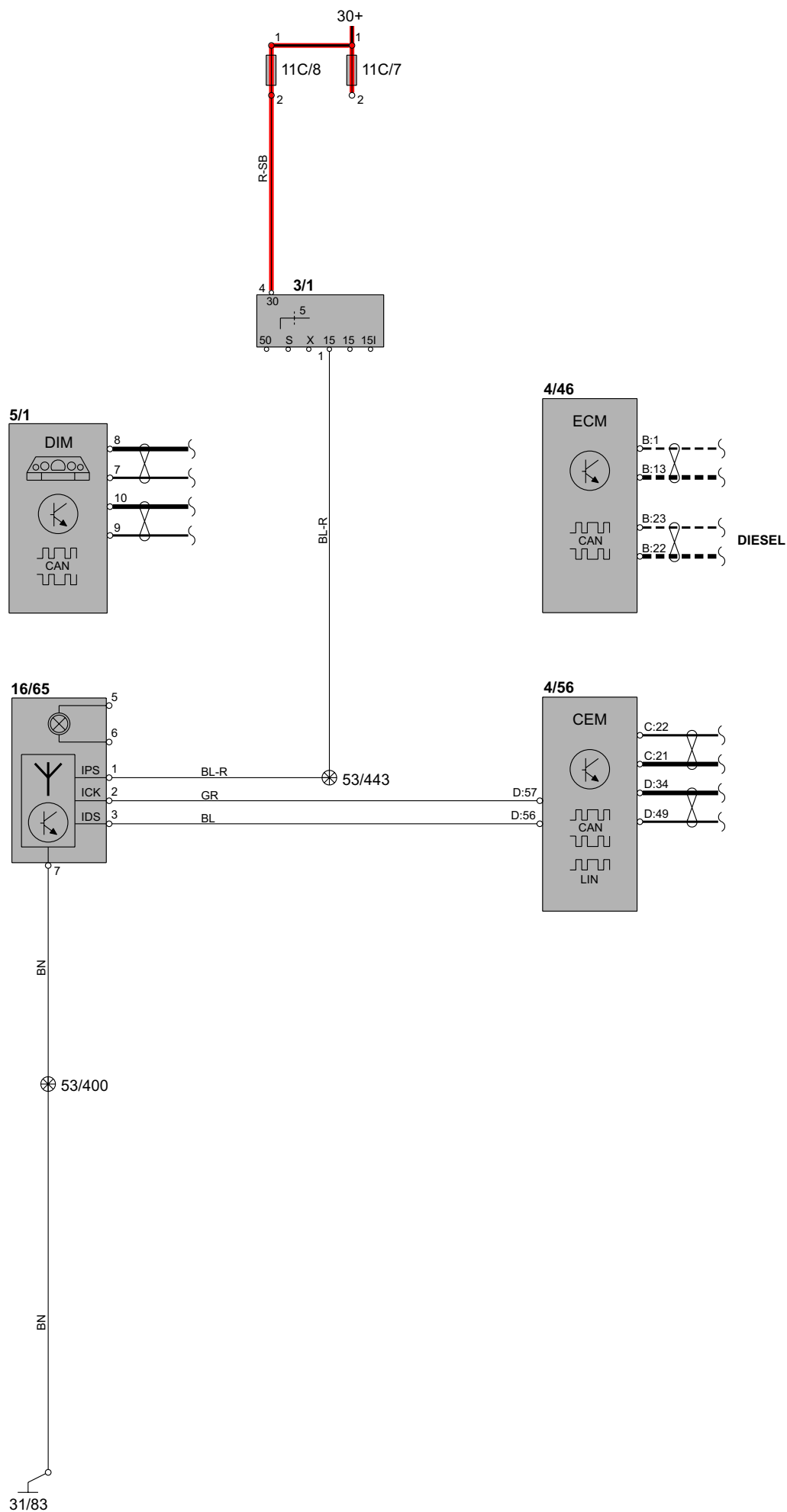
Group 36 Additional electrical equipment

Horn



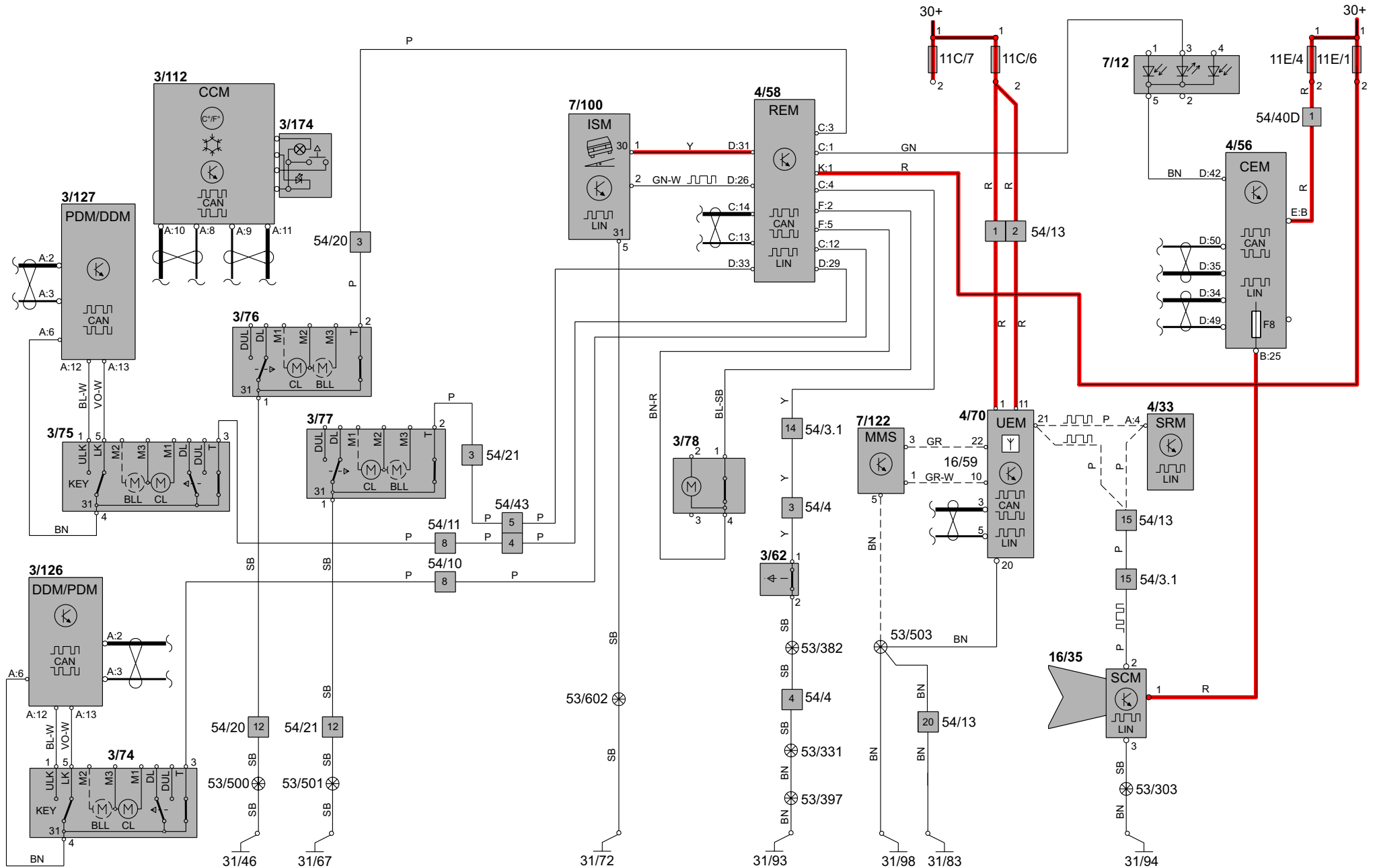
Group 36 Additional electrical equipment

Electronic immobilizer



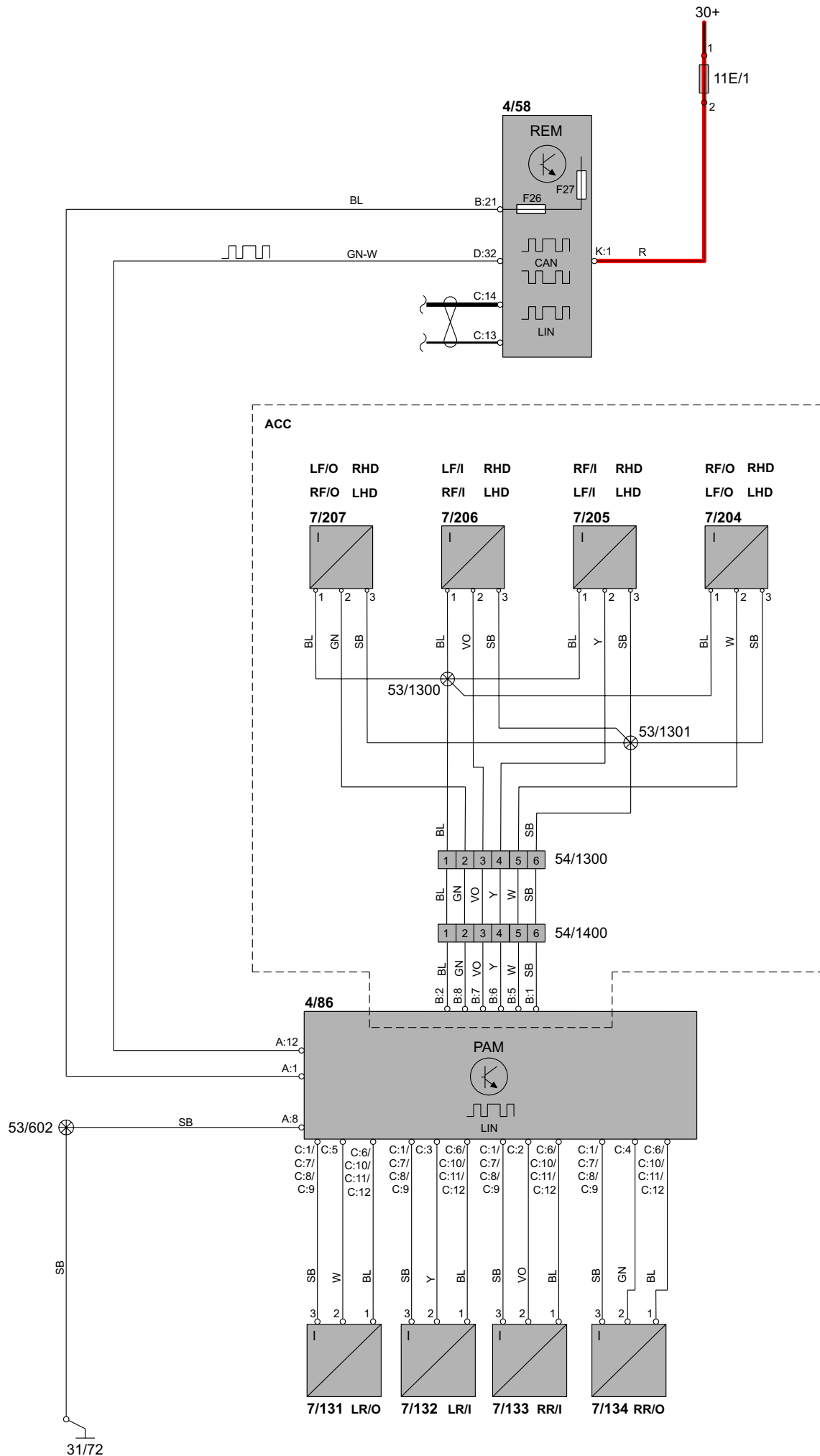
Group 36 Additional electrical equipment

Anti-theft alarm



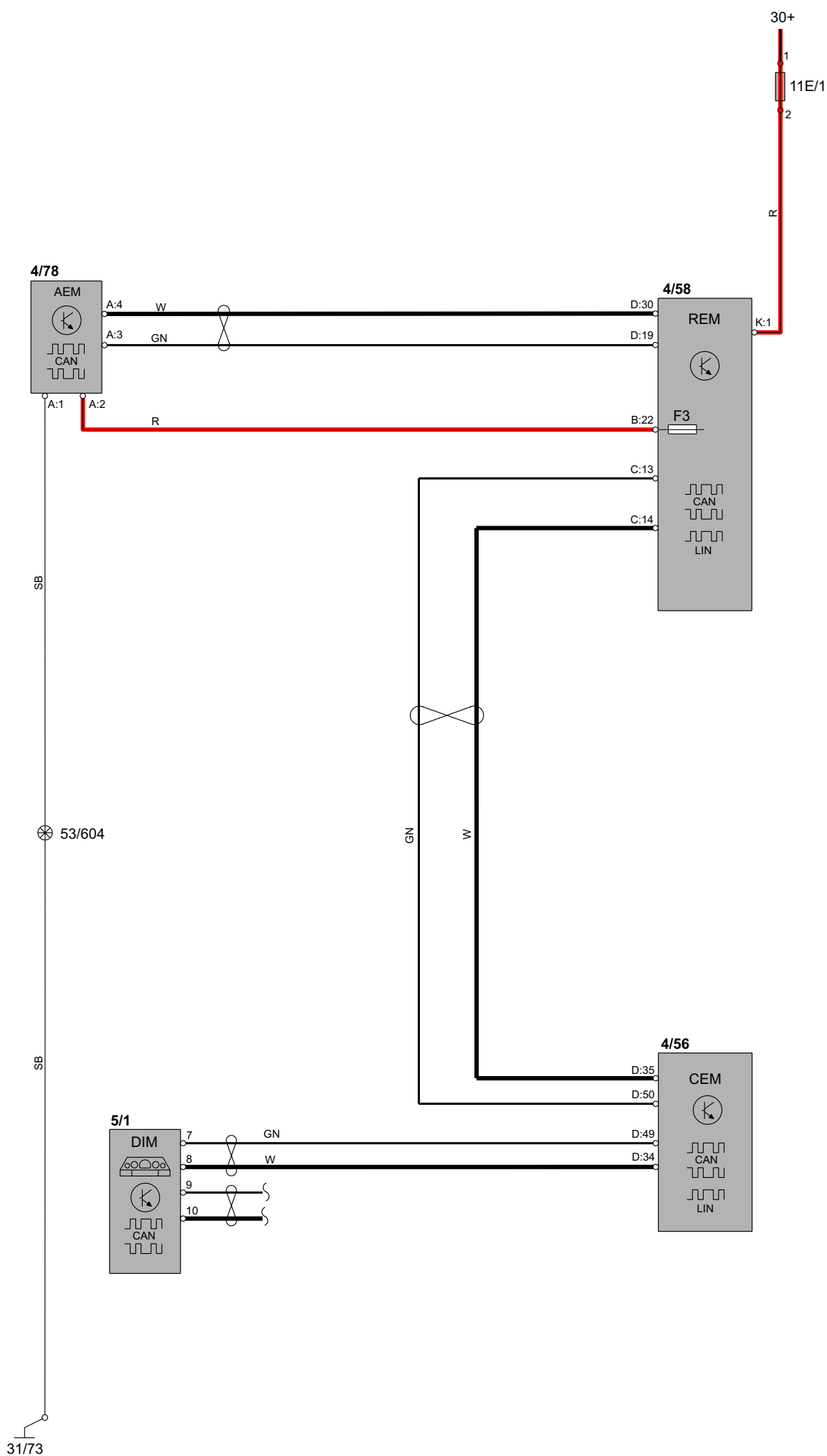
Group 36 Additional electrical equipment

Parking assistance



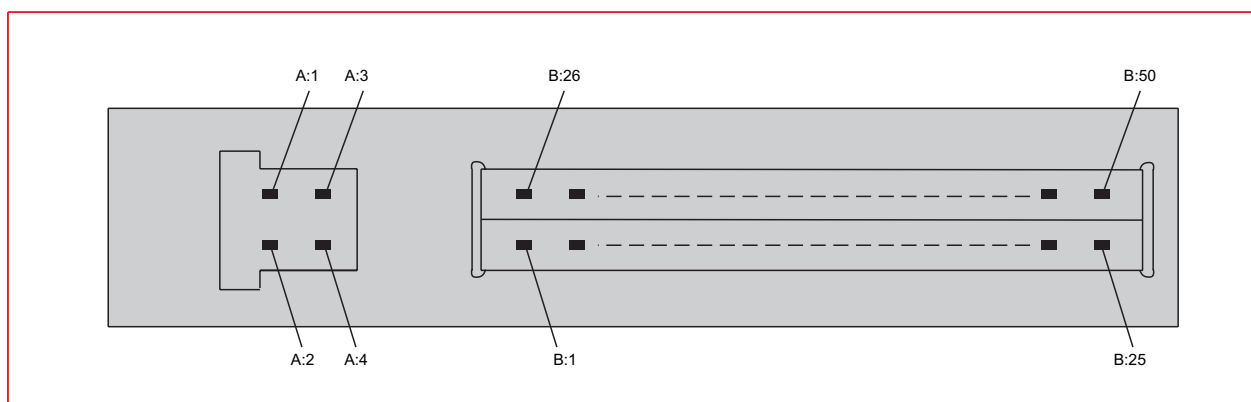
Group 36 Additional electrical equipment, Accessories

Accessory Electronic Module (AEM) 1:2



Group 36 Additional electrical equipment, Accessories

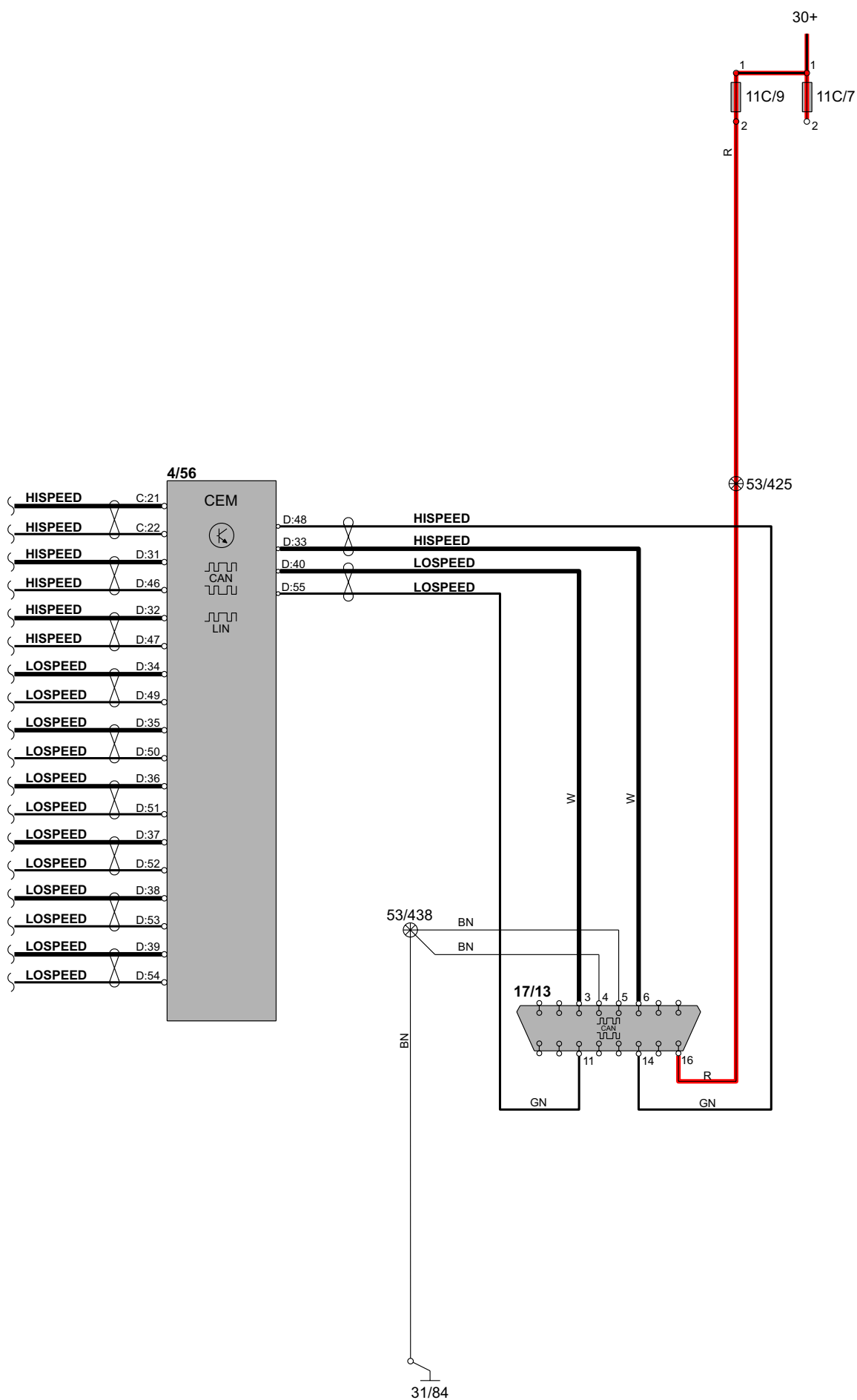
Accessory Electronic Module (AEM) 2:2



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

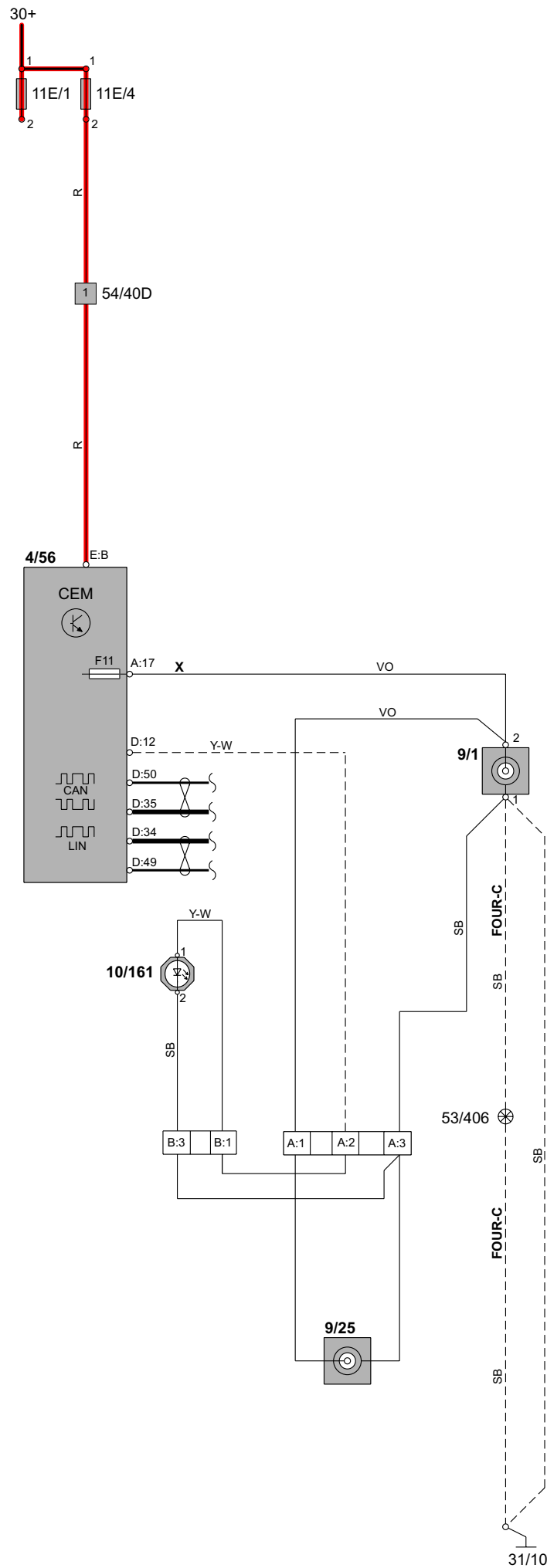
Group 37 Wiring and fuses

Diagnostics system



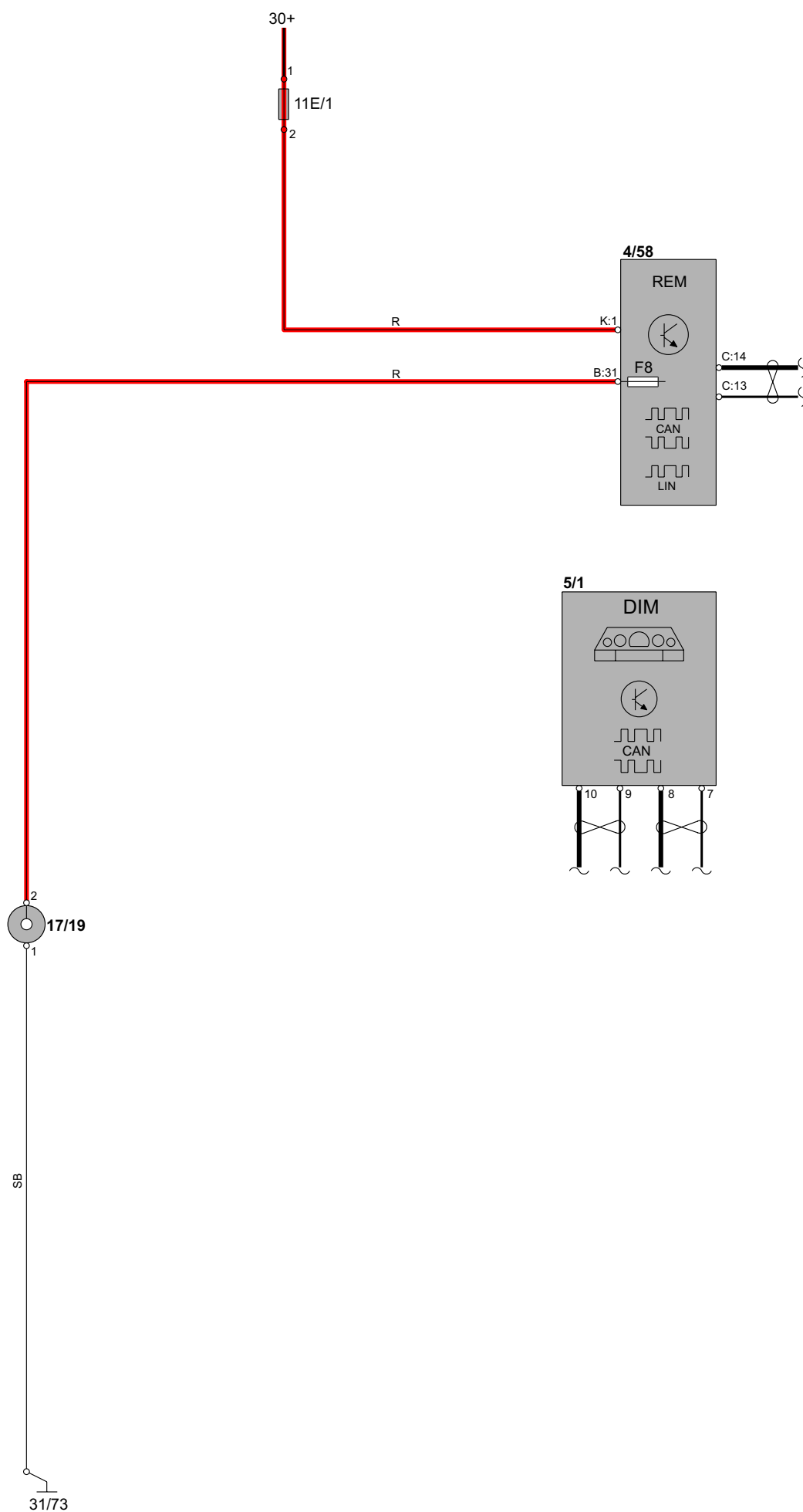
Group 37 Wiring and fuses

12V outlet



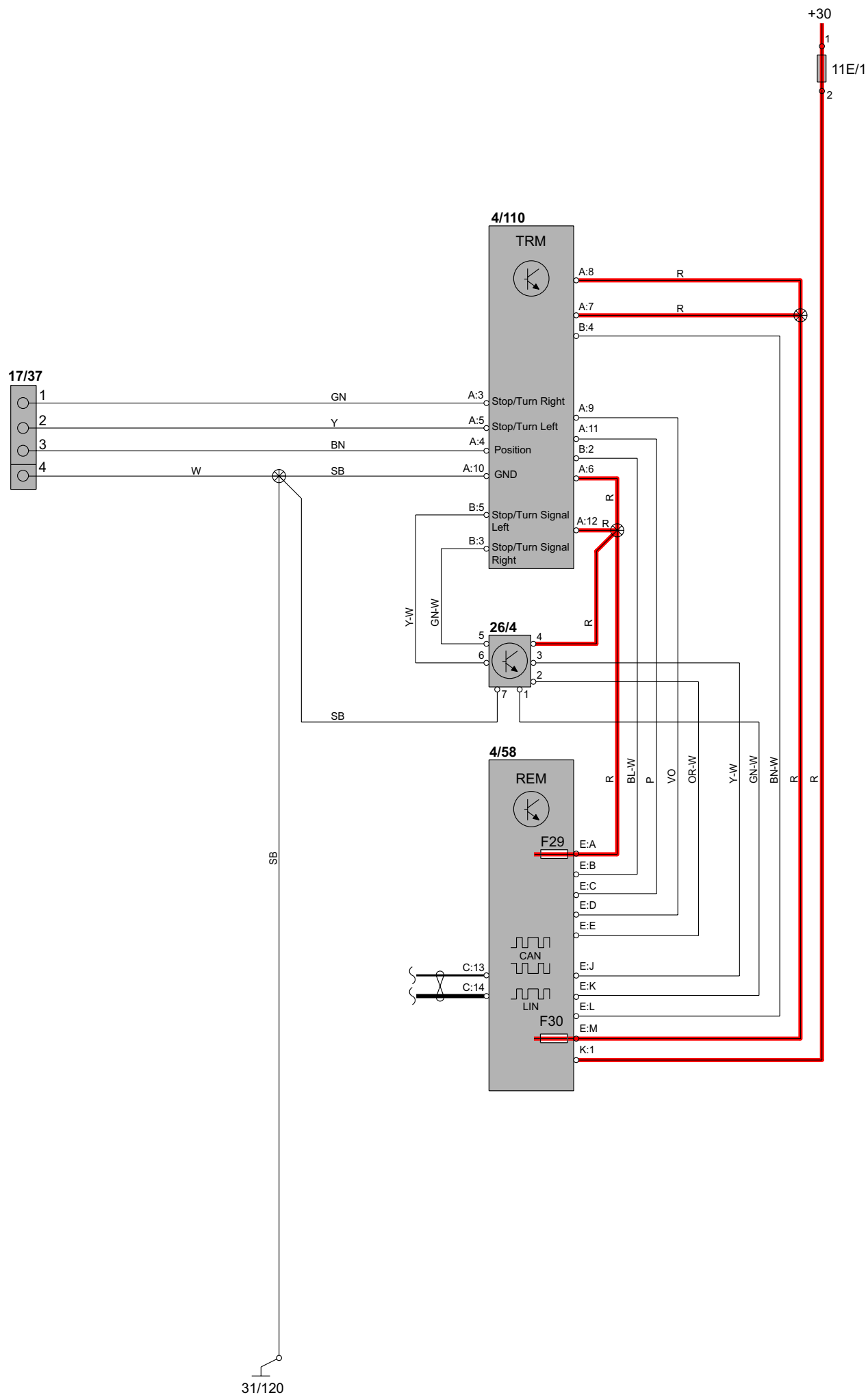
Group 37 Wiring and fuses, Accessories

12V outlet, cargo compartment



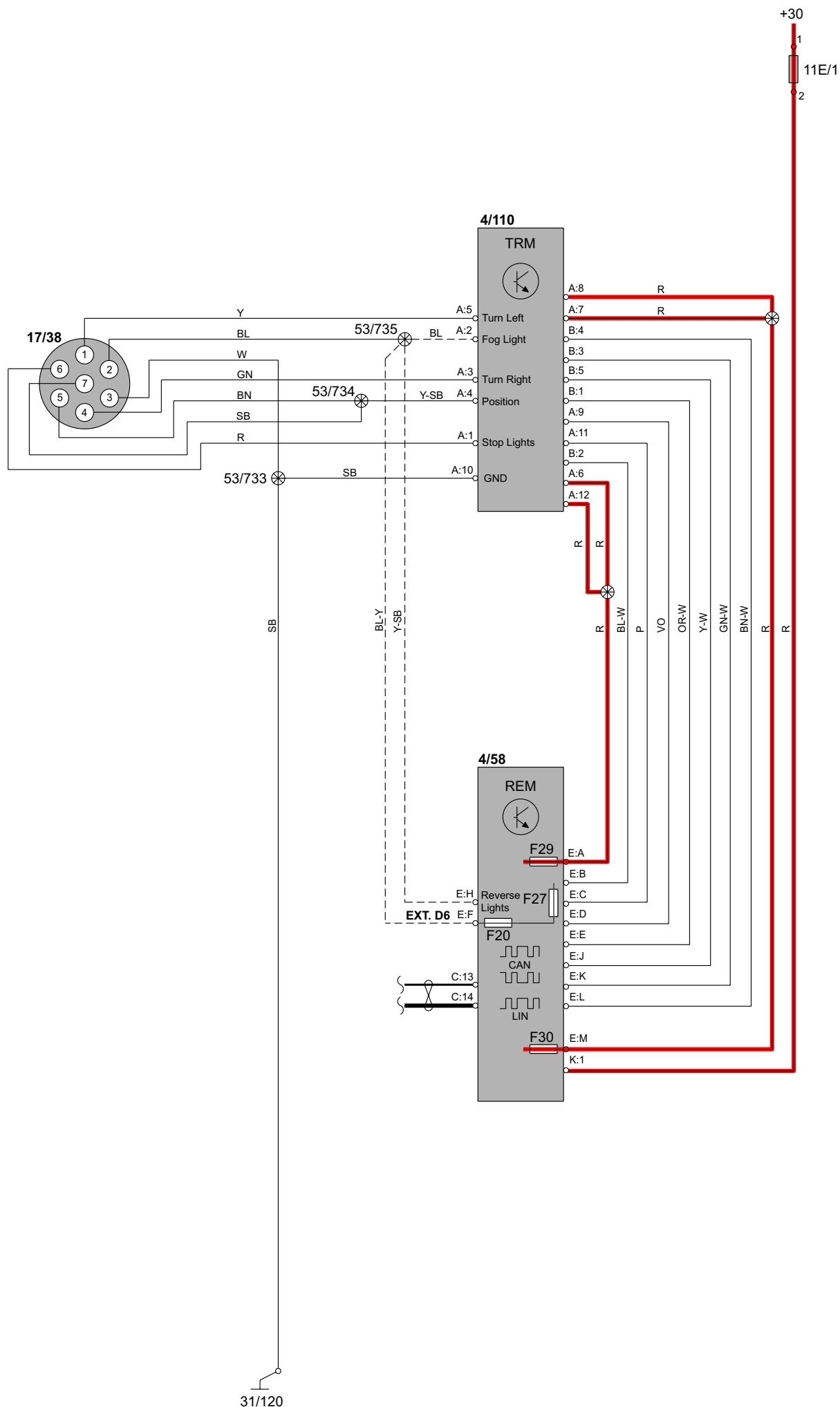
Group 37 Wiring and fuses, Accessories

Tow hitch cable harness, 4-pin



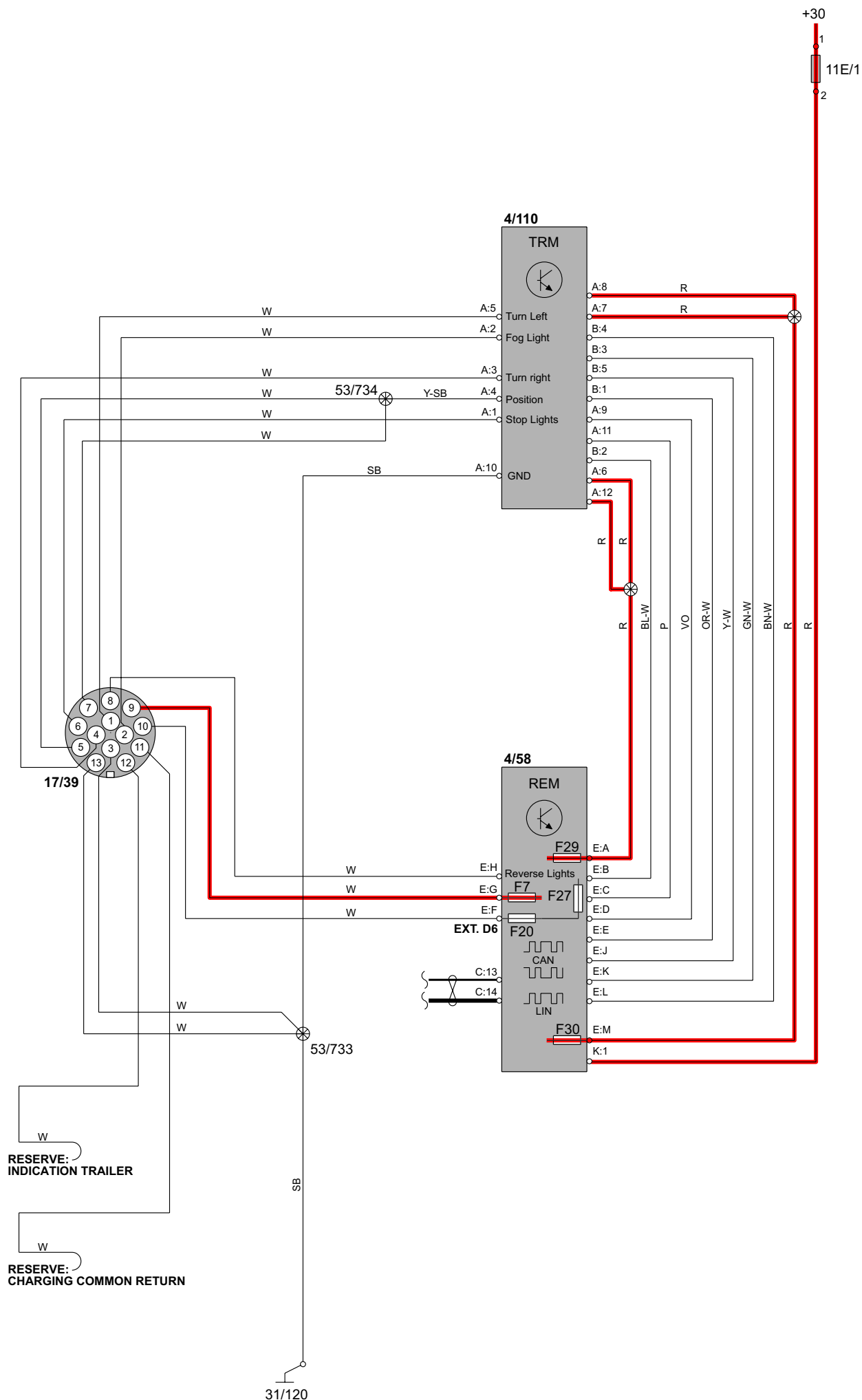
Group 37 Wiring and fuses, Accessories

Tow hitch cable harness, 7-pin



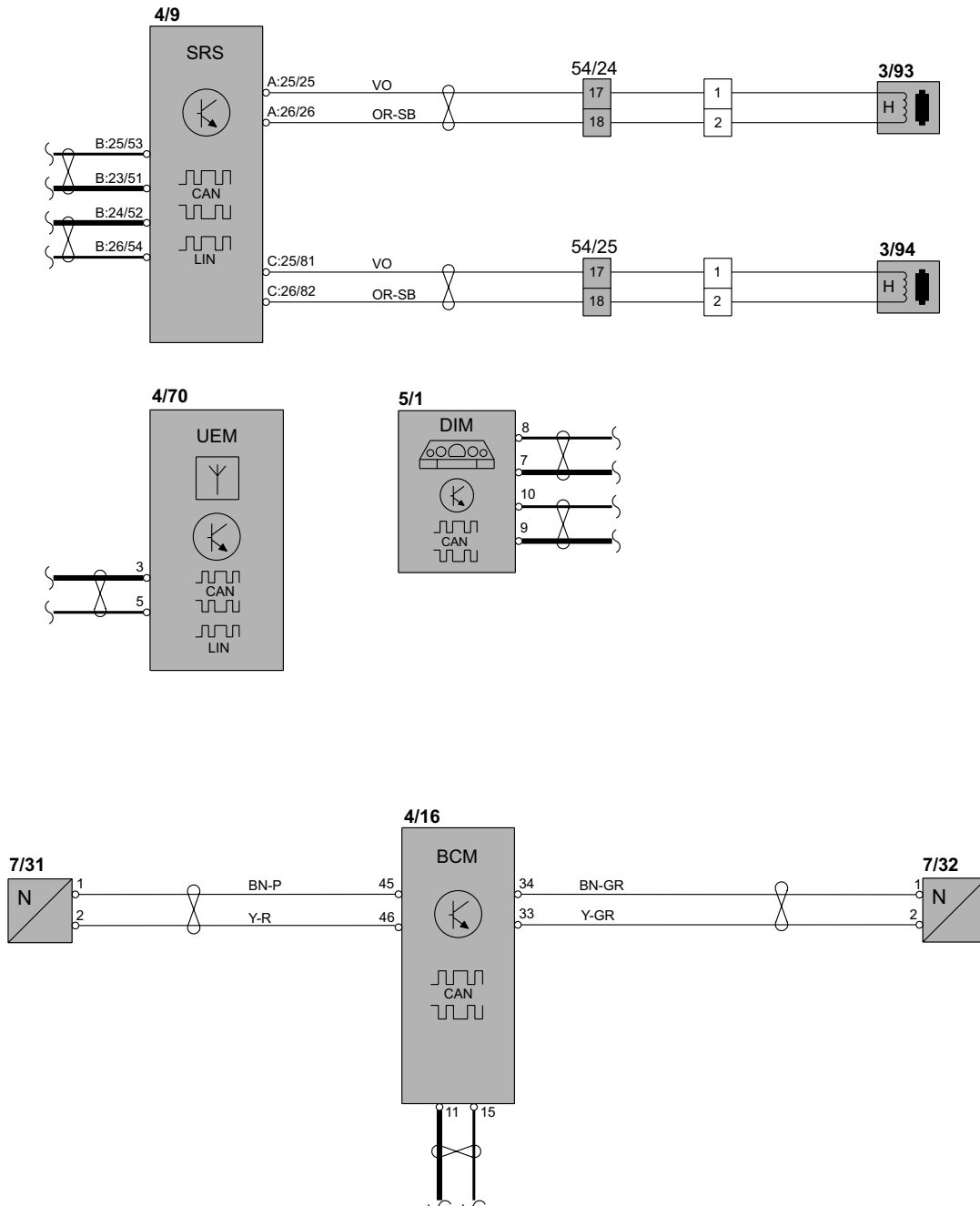
Group 37 Wiring and fuses, Accessories

Tow hitch cable harness, 13-pin



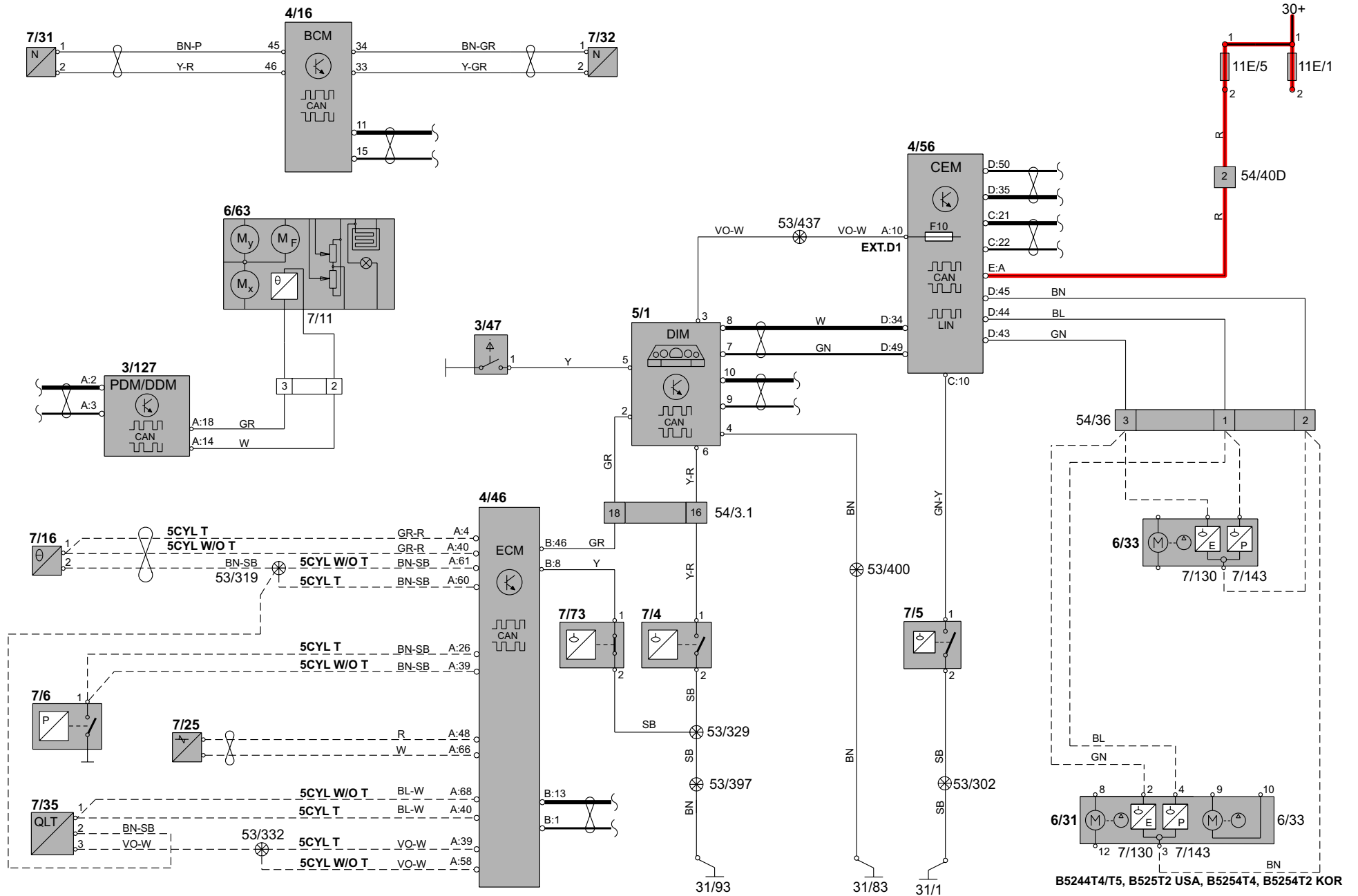
Group 38 Instruments

Seat belt reminder



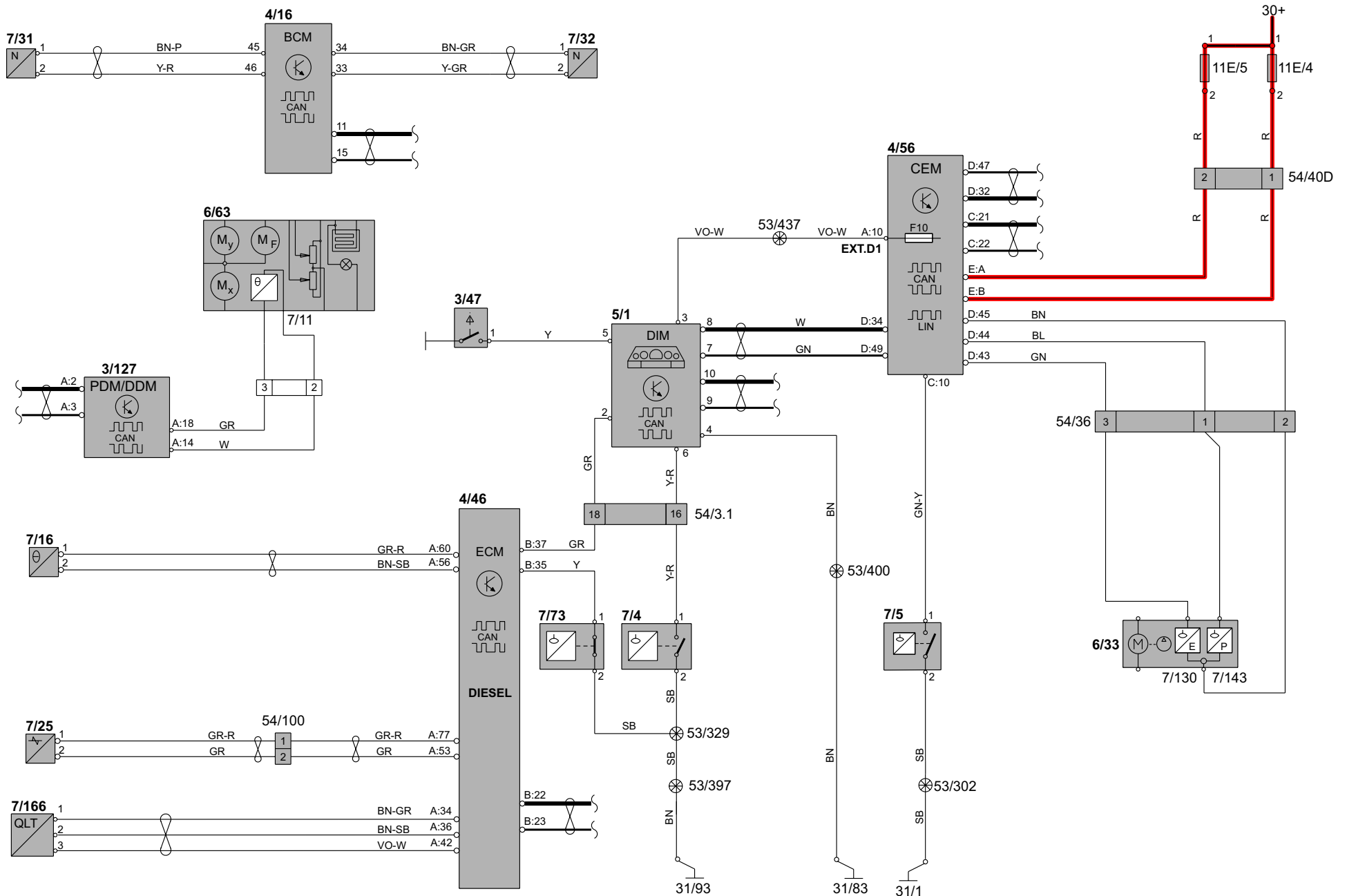
Group 38 Instruments

Driver information module



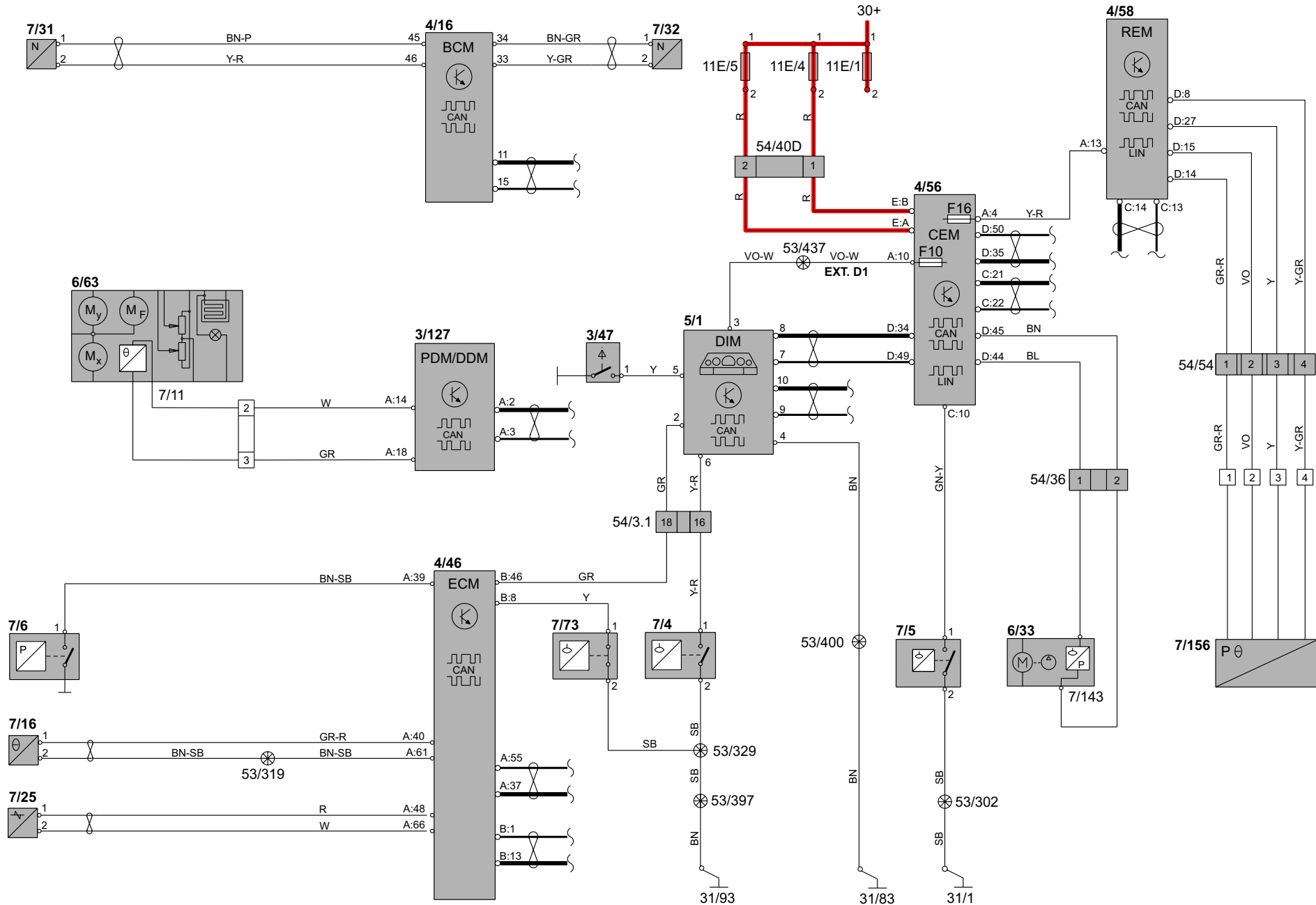
Group 38 Instruments

Driver information module, Diesel



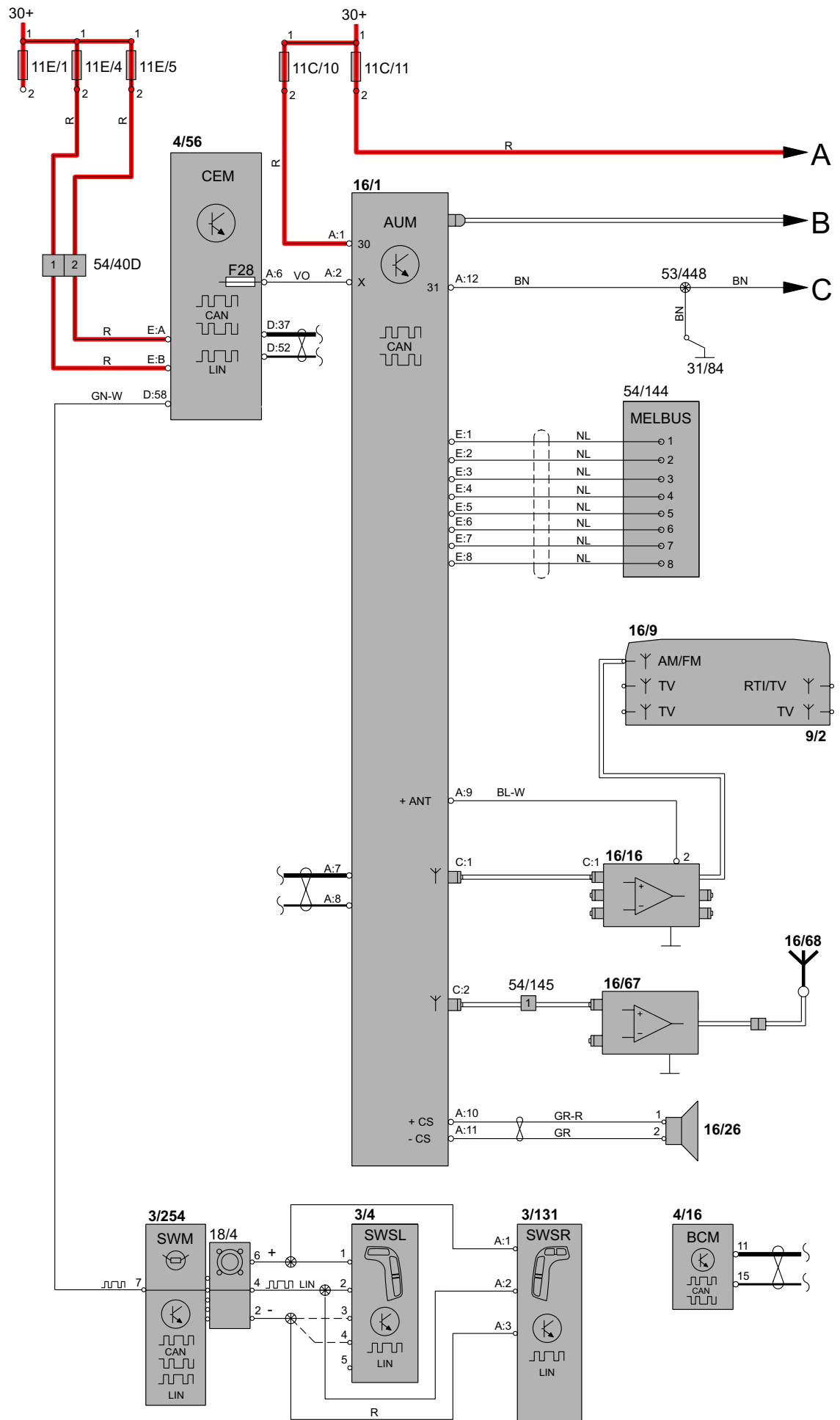
Group 38 Instruments

Driver information module, Bi-Fuel



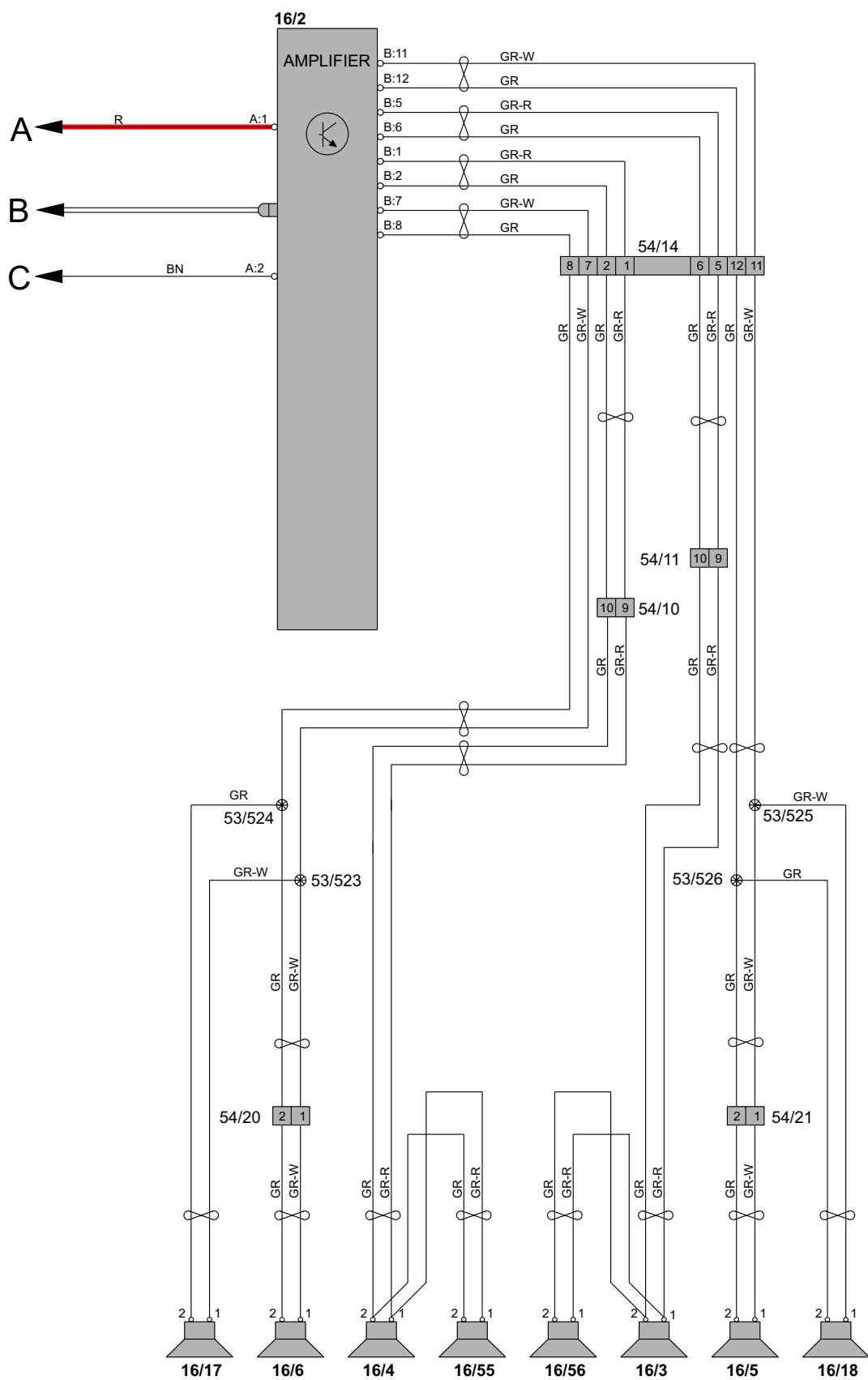
Group 39 Other

Audio with auxiliary amplifier 1:2

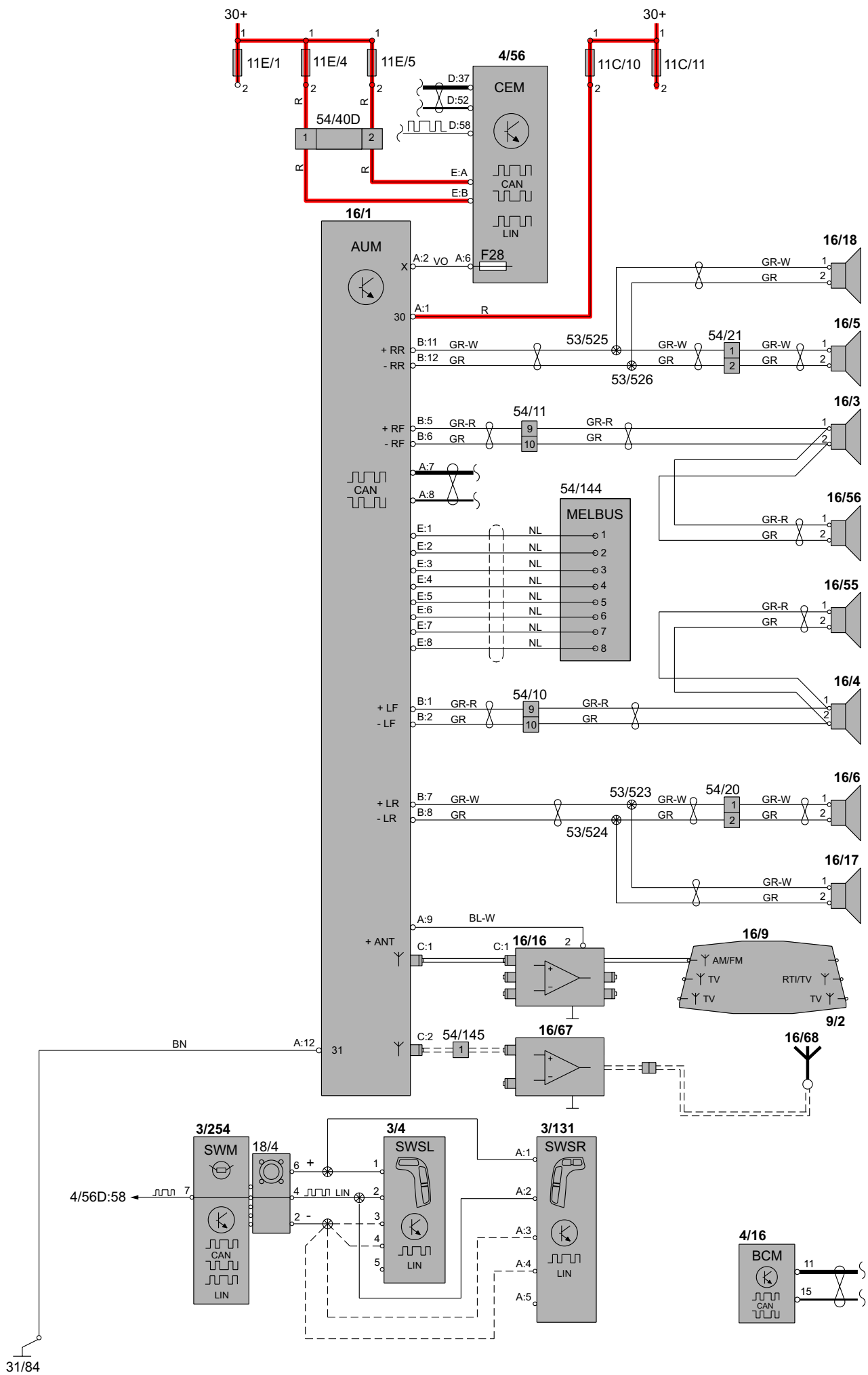


Group 39 Other

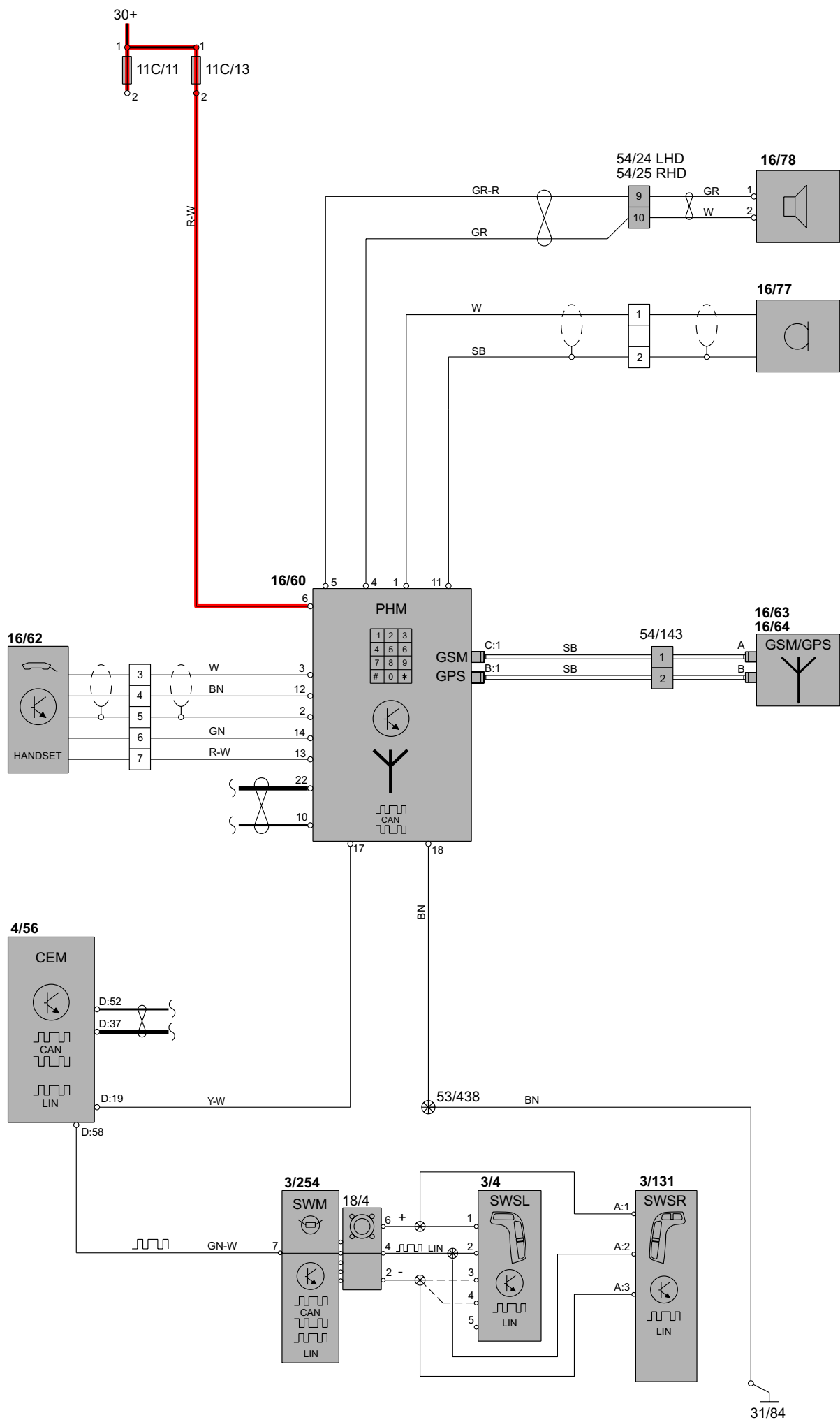
Audio with auxiliary amplifier 2:2



Group 39 Other Audio

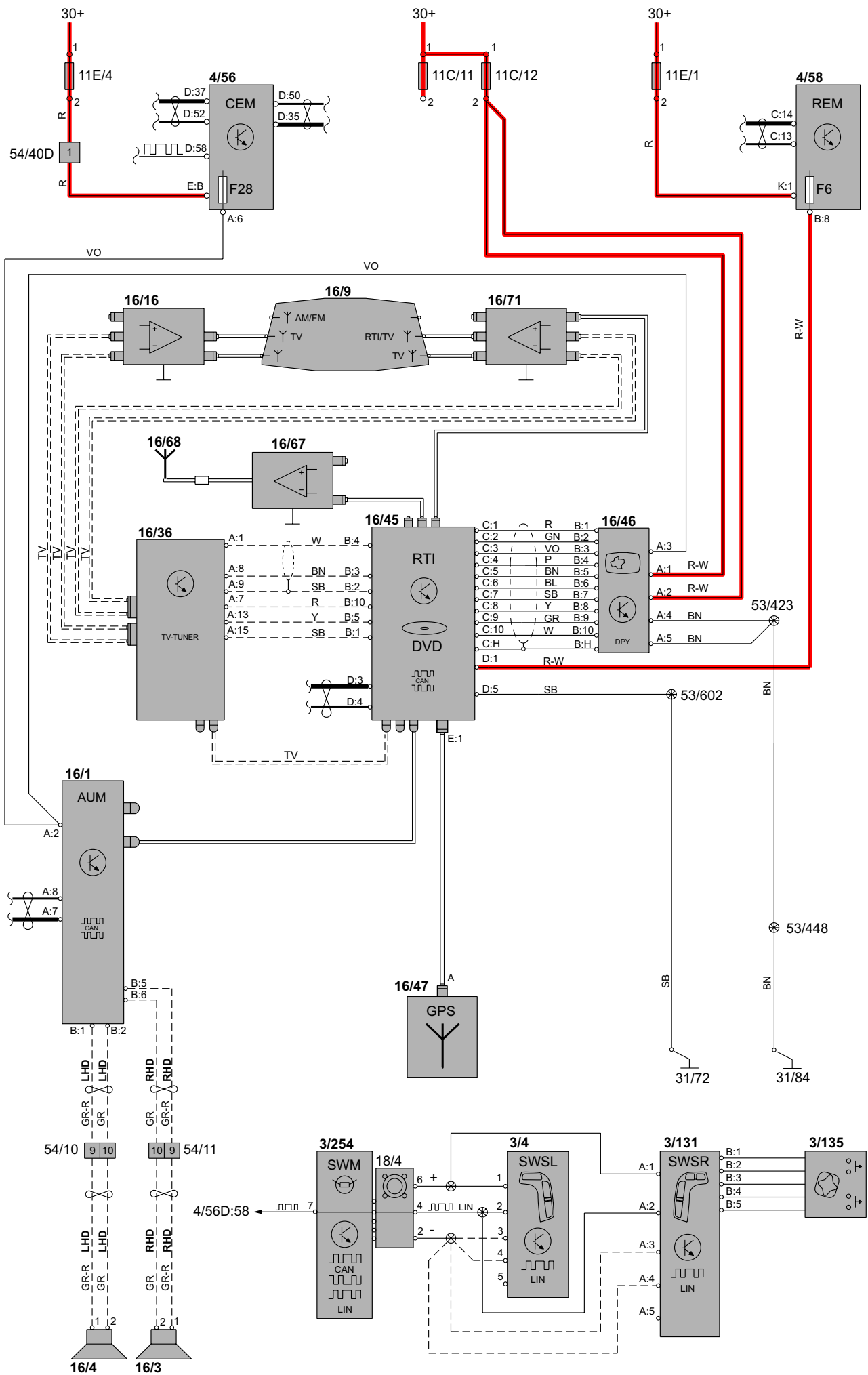


Group 39 Other Mobile phone



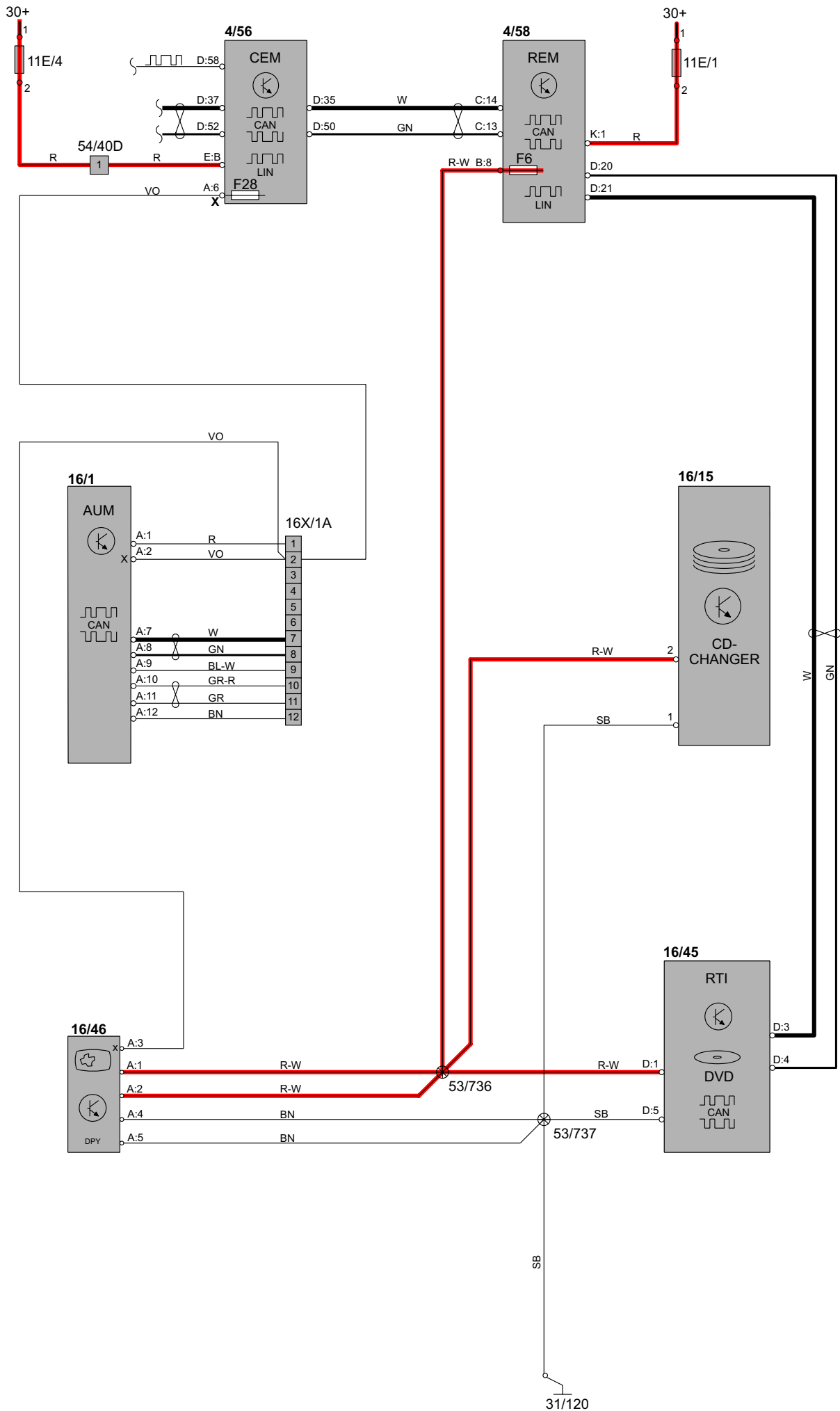
Group 39 Other

Road Traffic Information module (RTI)



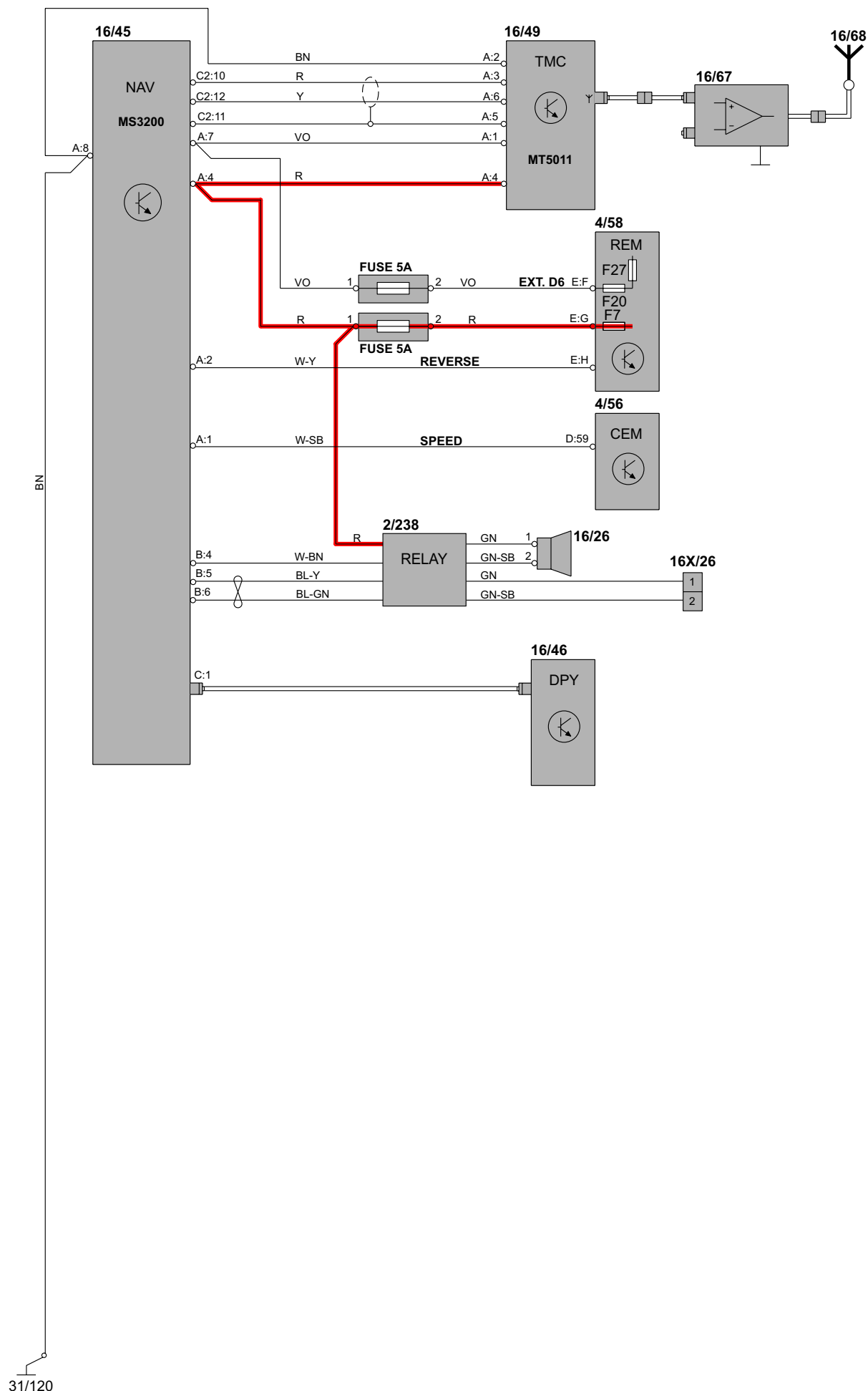
Group 39 Other, Accessories

Road Traffic Information module (RTI) & CD changer

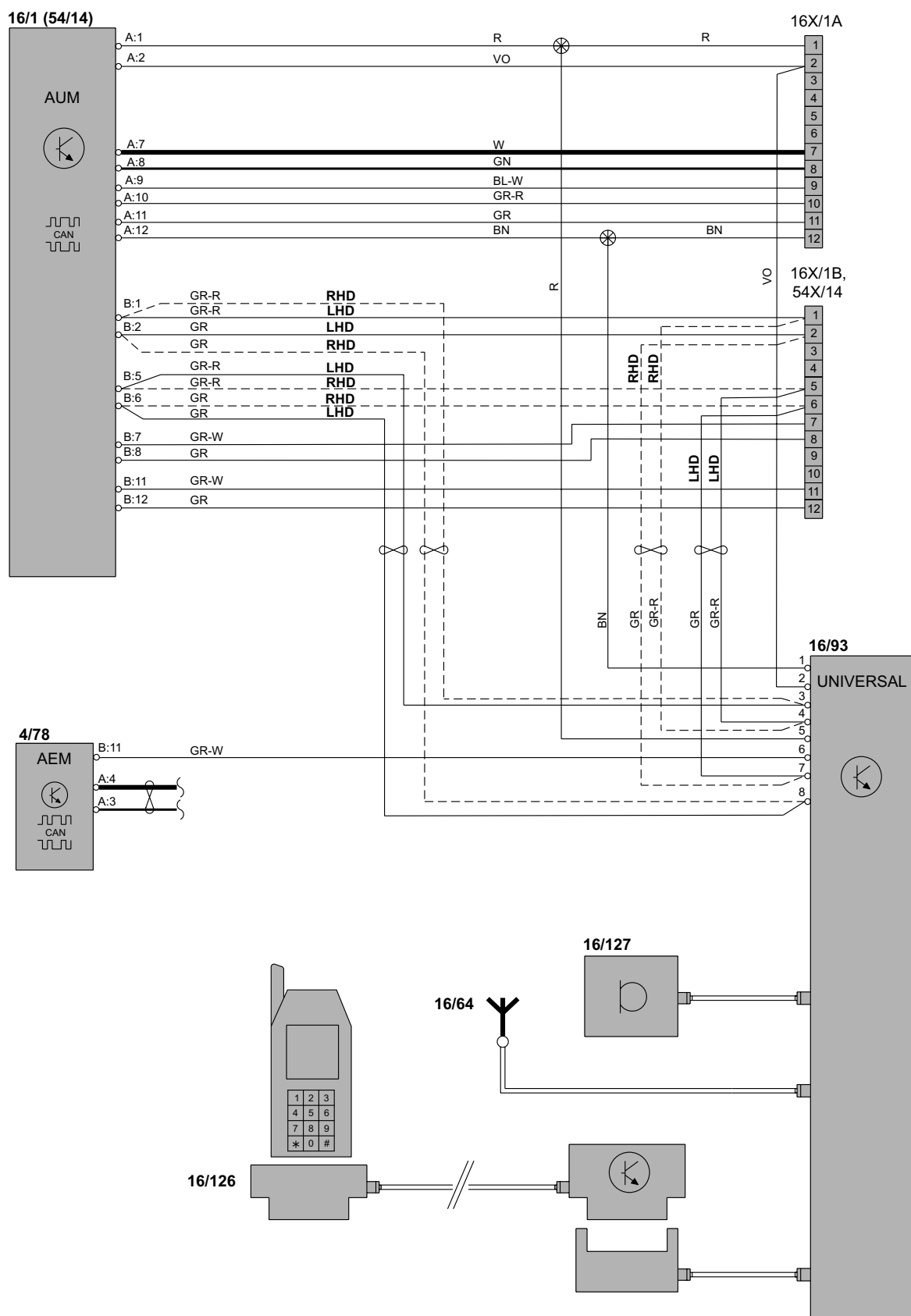


Group 39 Other, Accessories

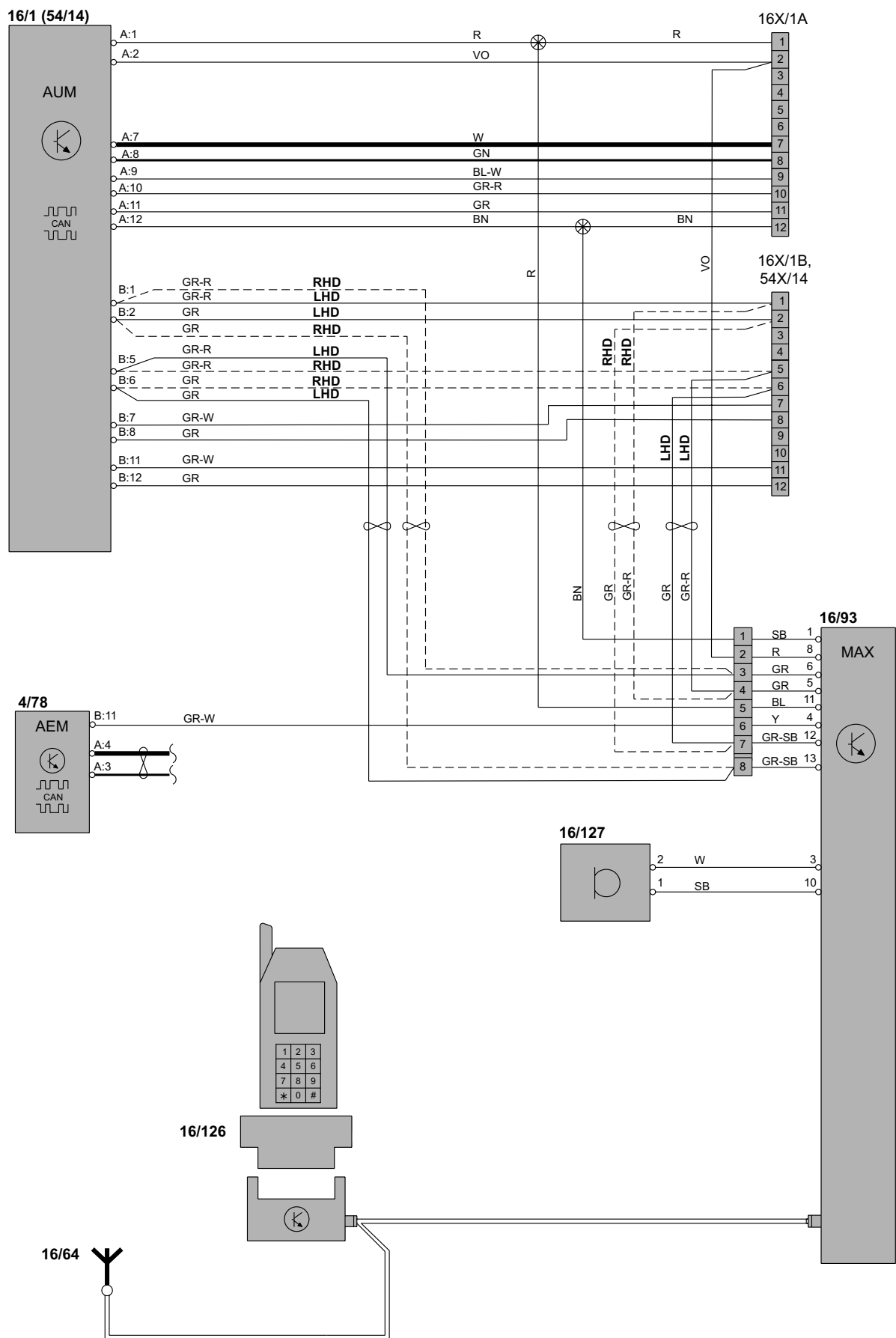
Turn-by-turn navigation system



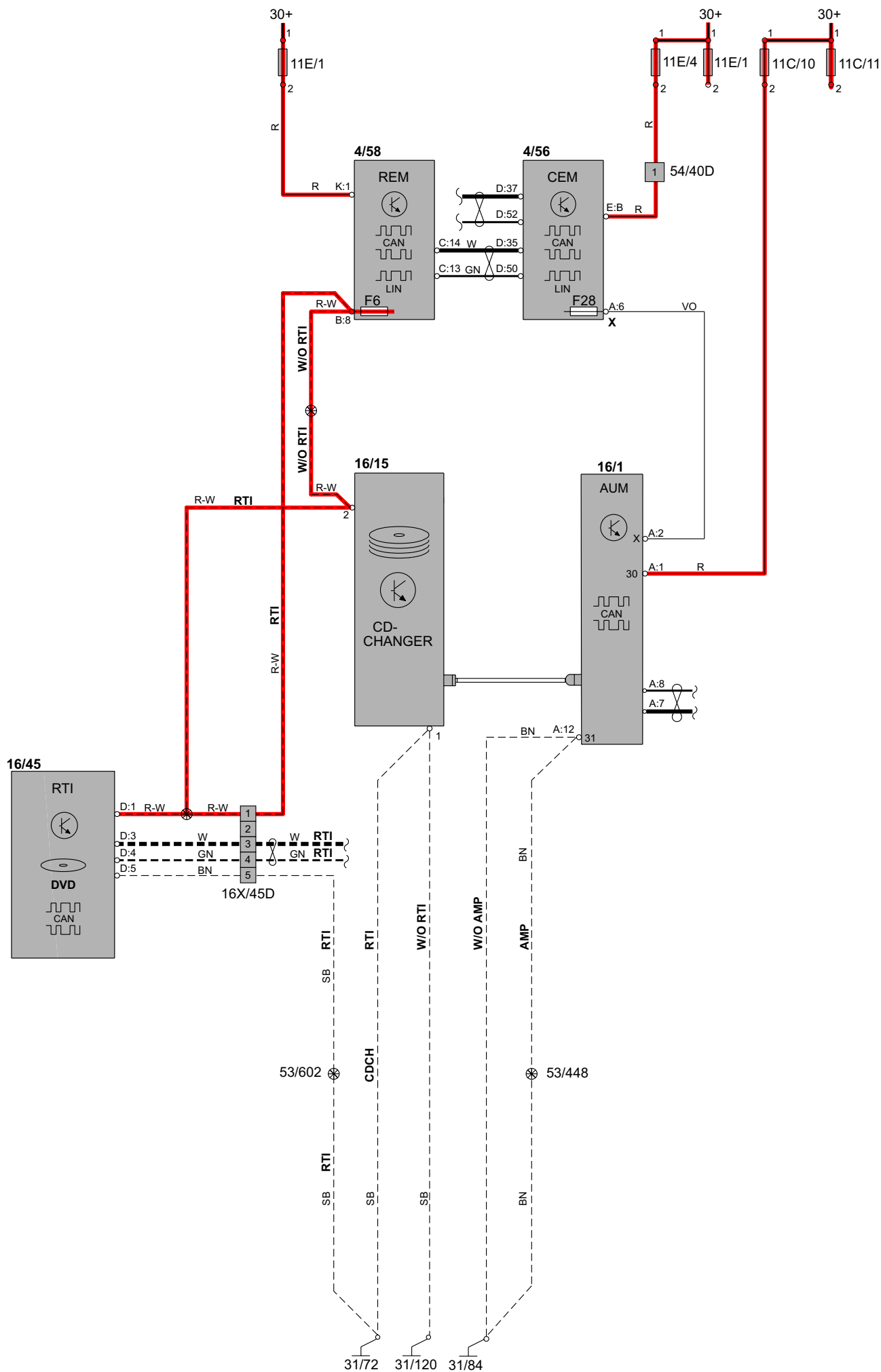
Group 39 Other, Accessories Handsfree



Group 39 Other, Accessories
Handsfree MAX

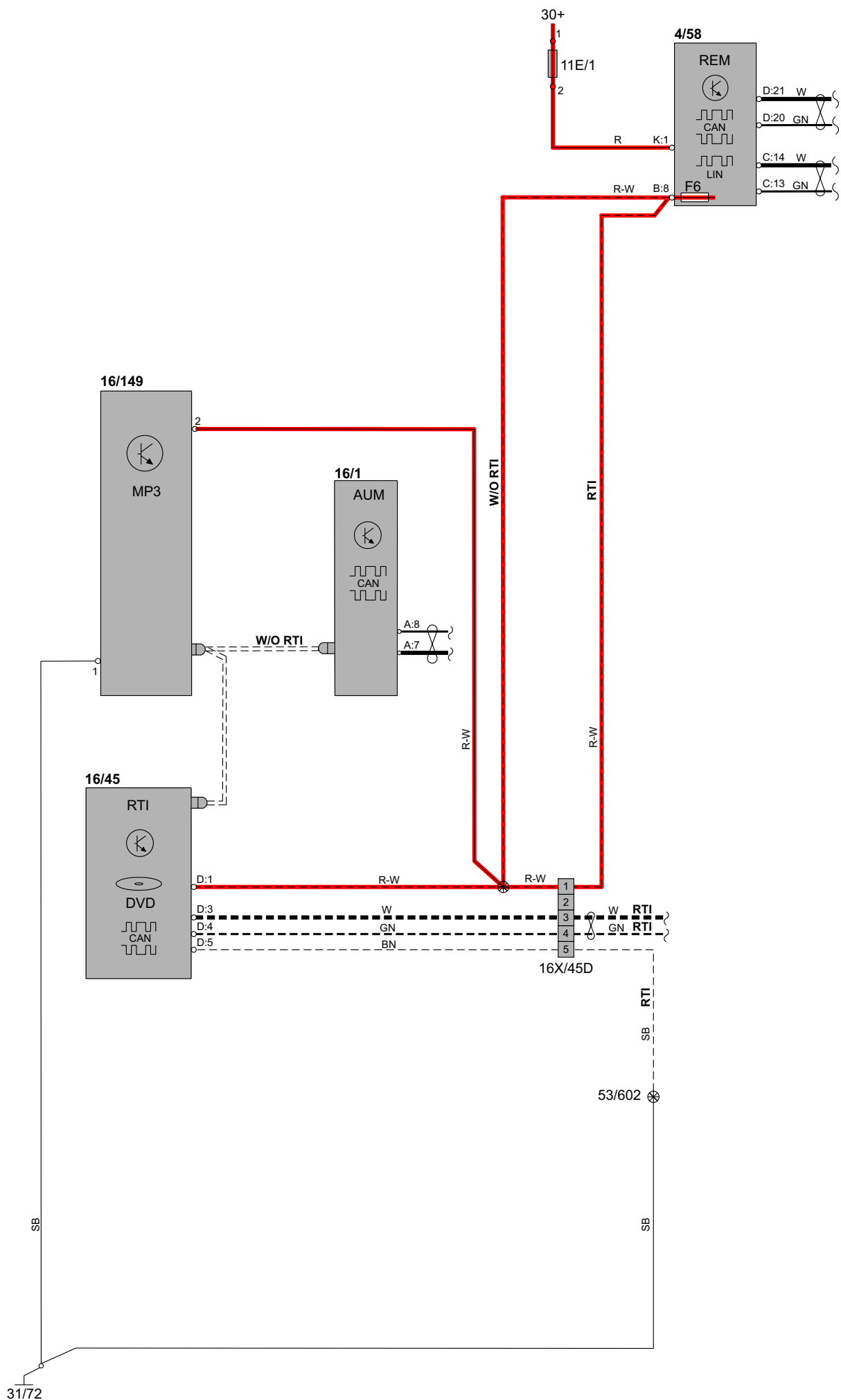


Group 39 Other, Accessories
CD changer



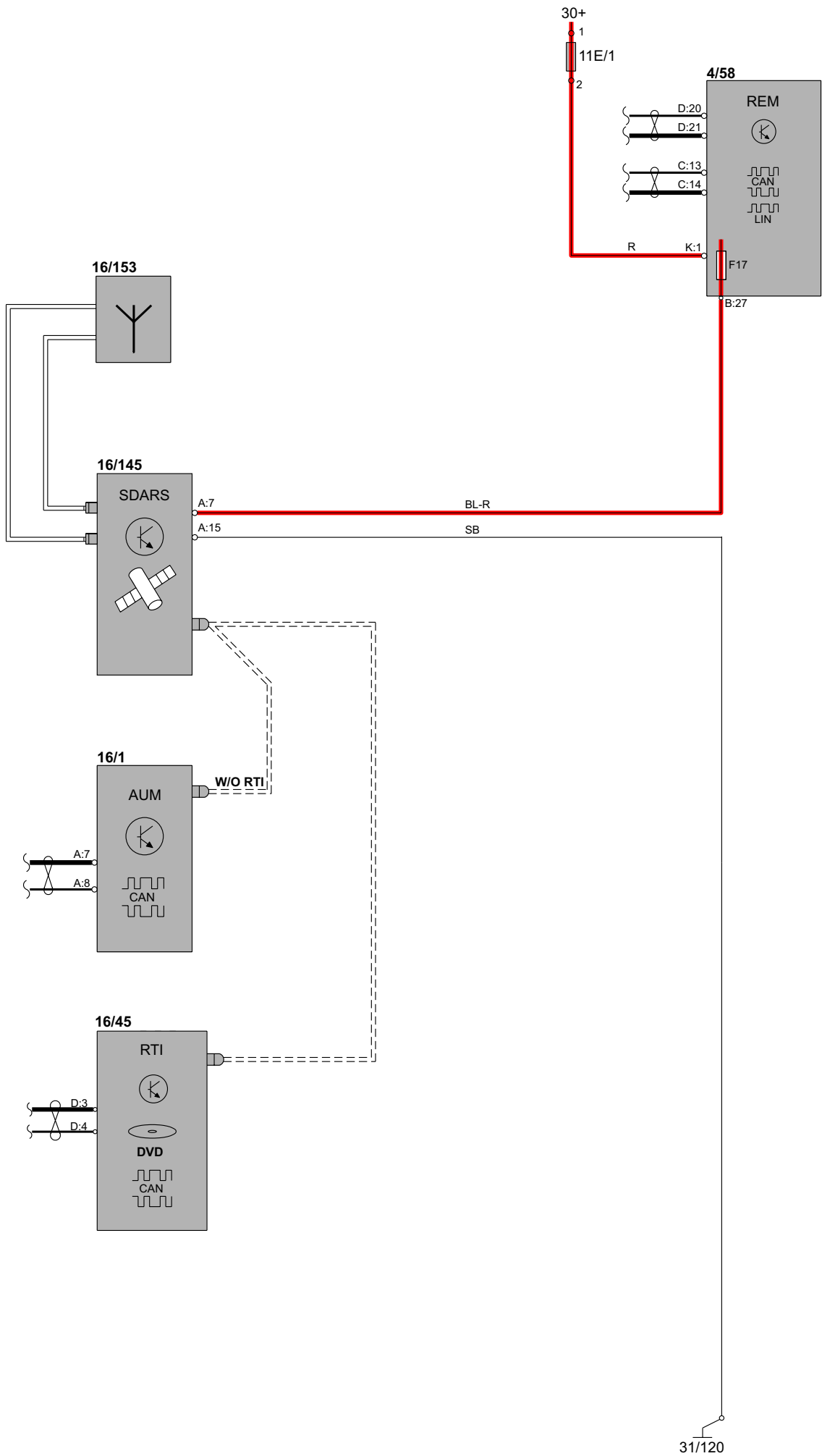
Group 39 Other, Accessories

MP3 player

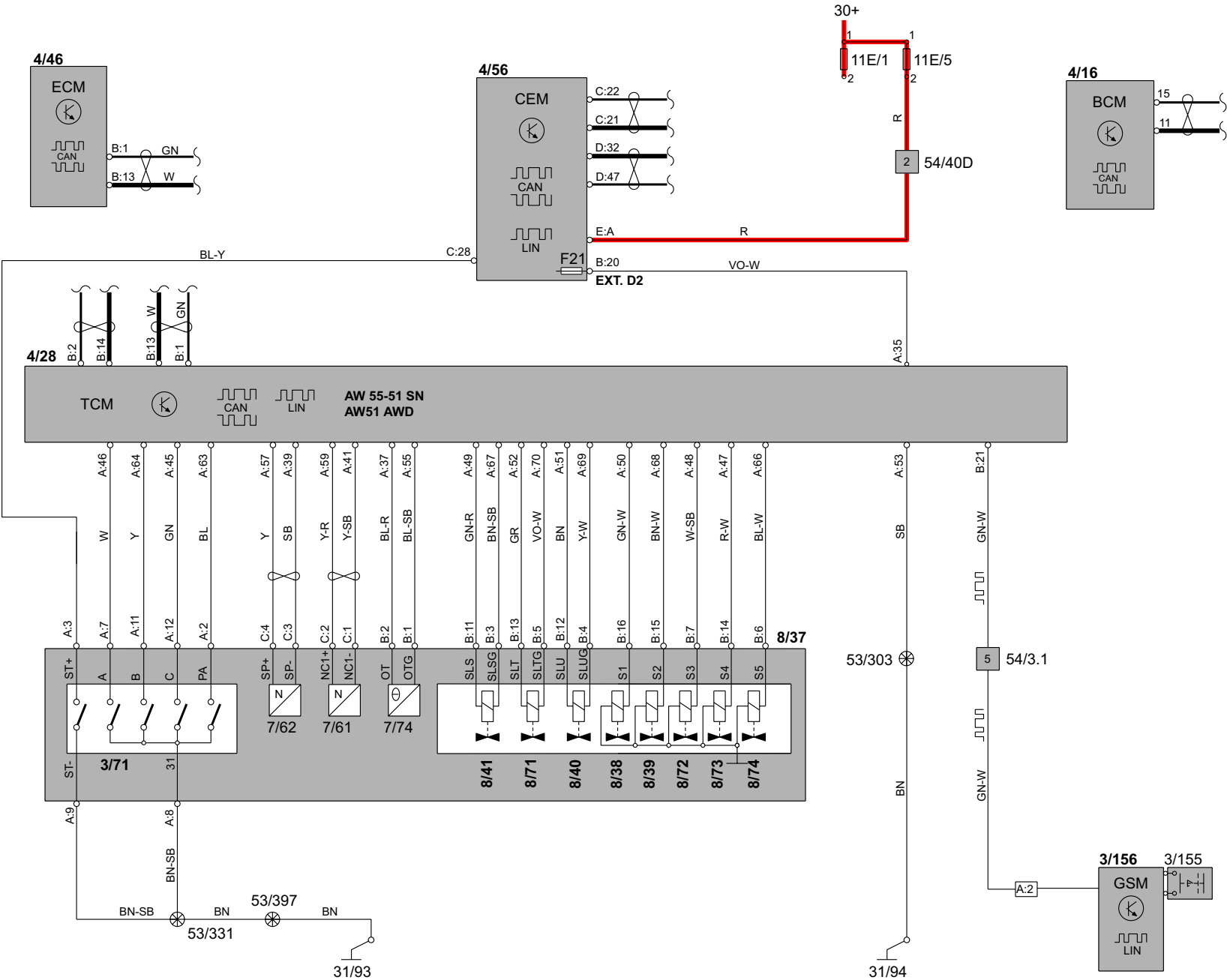


Group 39 Other, Accessories

Satellite radio



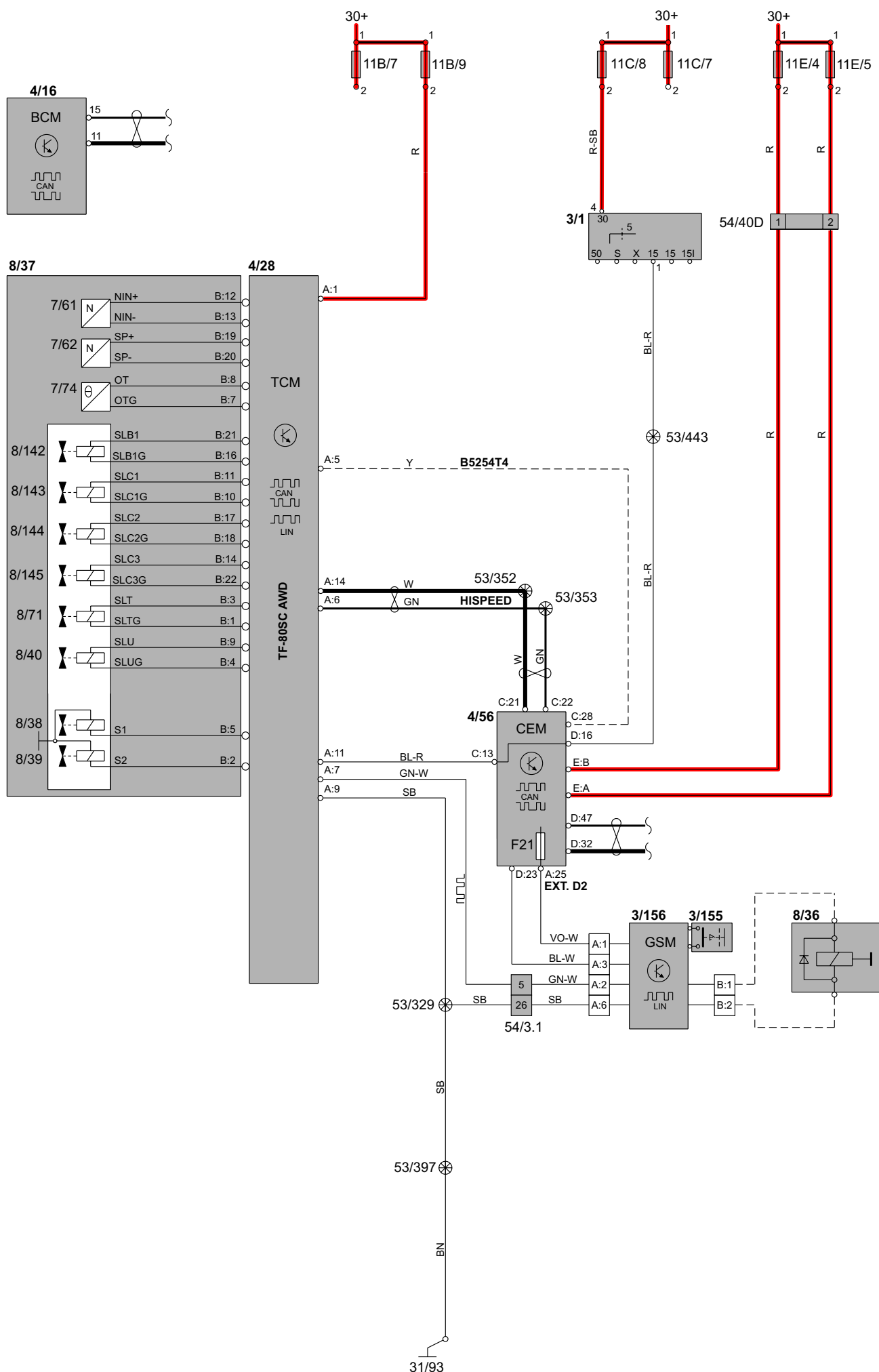
Group 43 Transmission
 Automatic transmission AW55-51SN/AW51 AWD



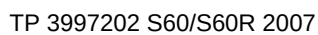
PRNDL SW ENC				
POS	A	B	C	PA
P	X			X
R	X	X		
N		X	X	X
D		X	X	
4	X	X	X	X
3	X		X	
L			X	X

Group 43 Transmission

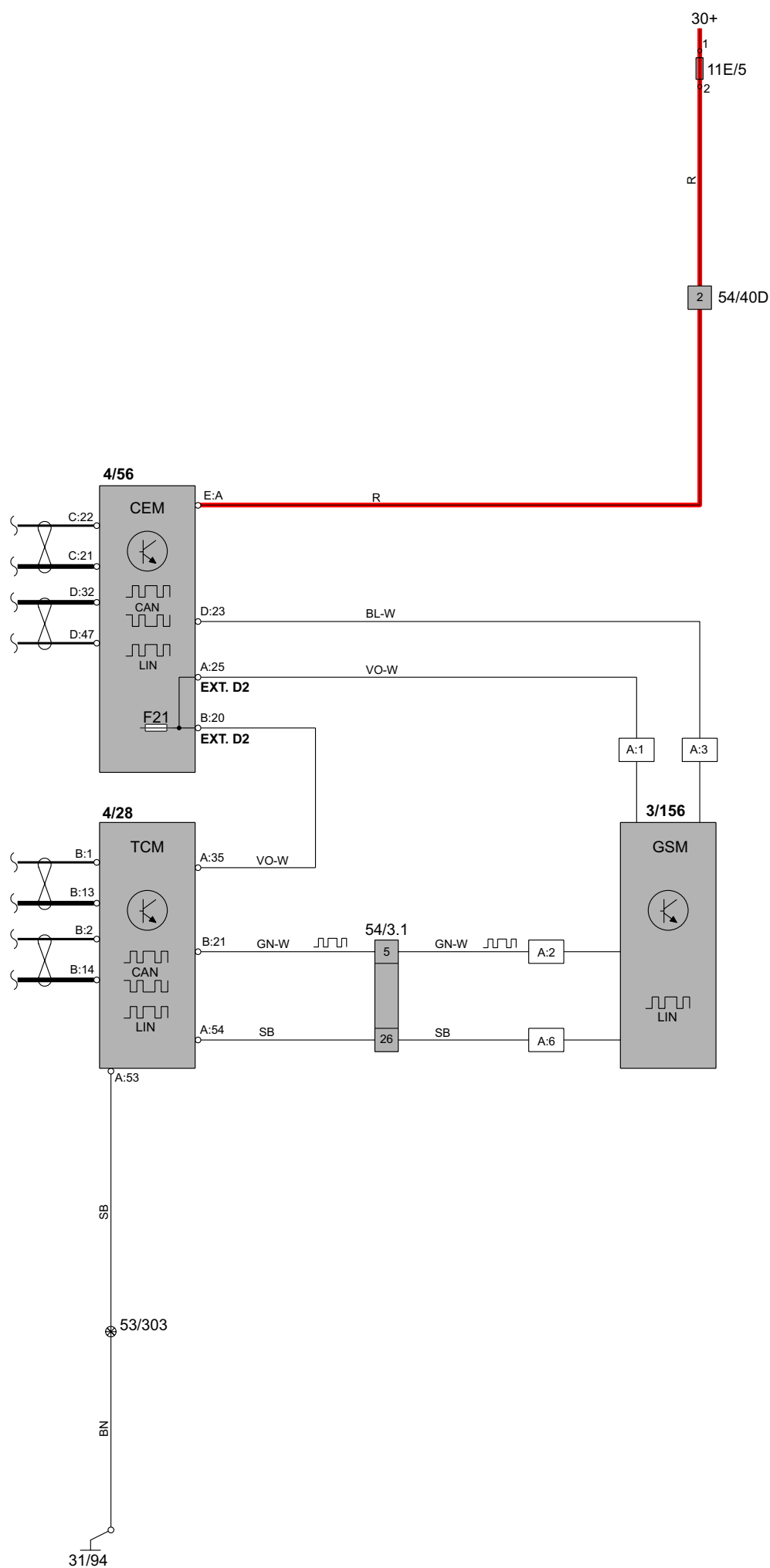
Automatic transmission TF-80SC AWD



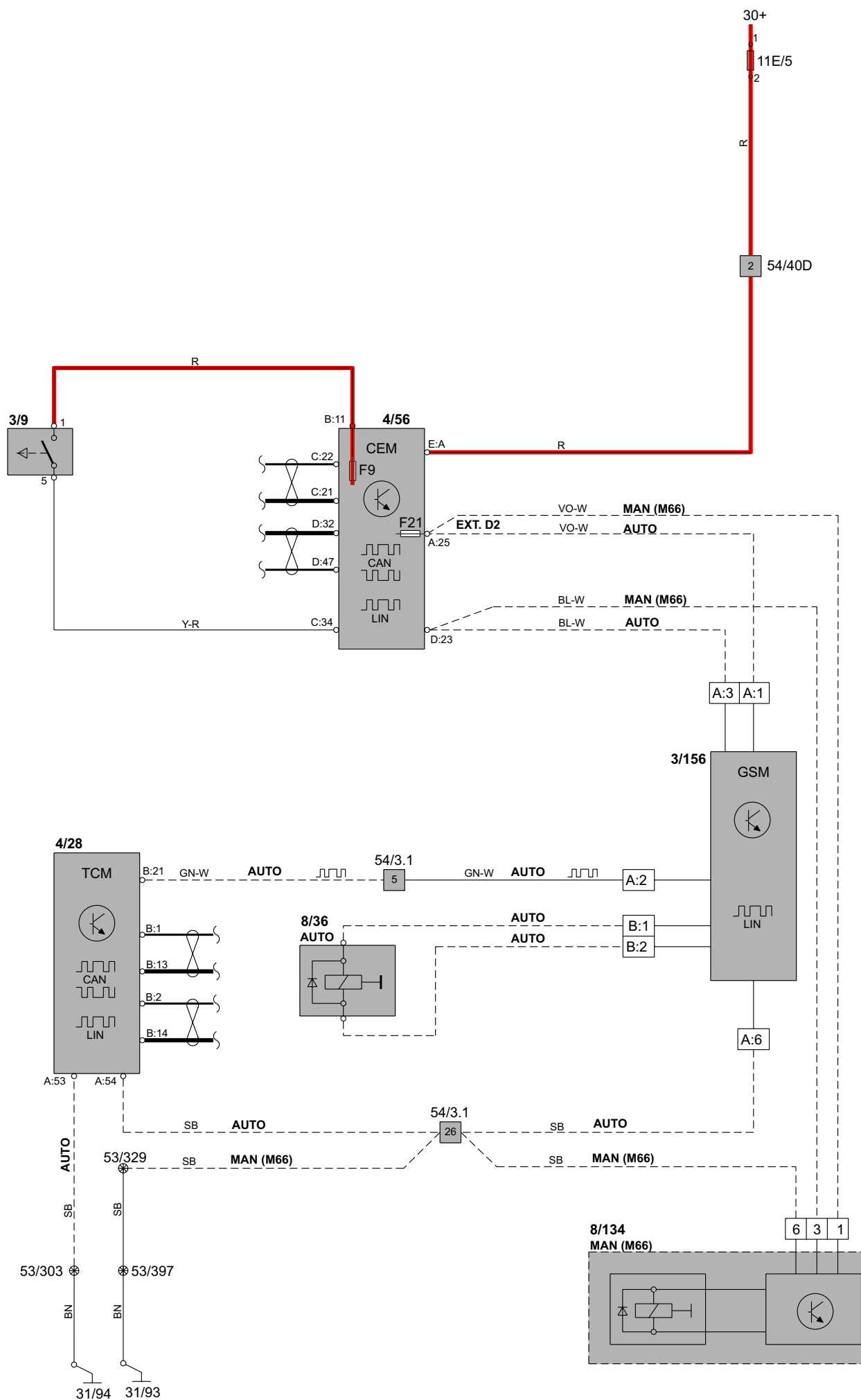
Automatic transmission TF-80SC/TF-80SC AWD Diesel



Group 43 Transmission
Geartronic

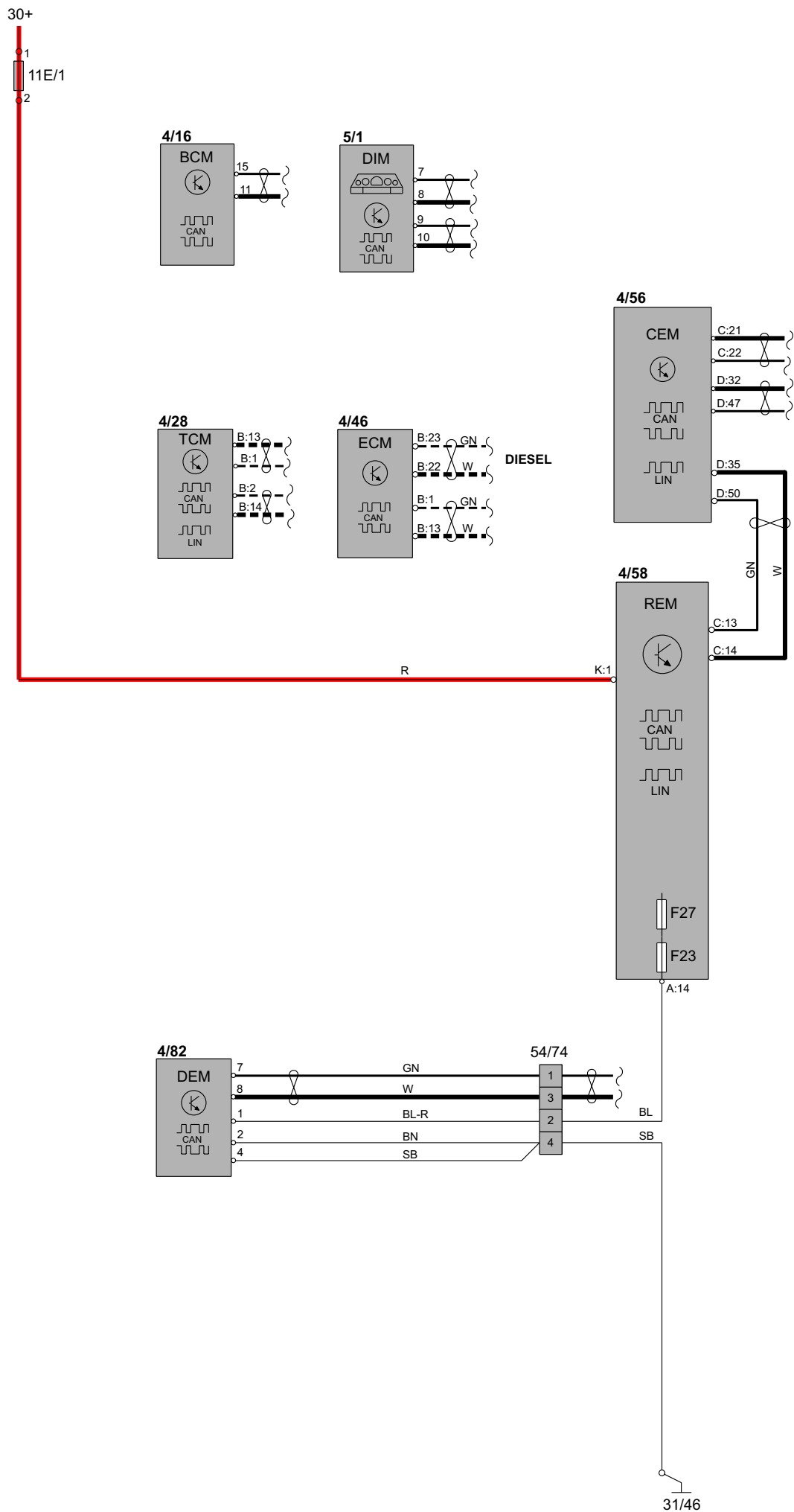


Group 43 Transmission Shift lock



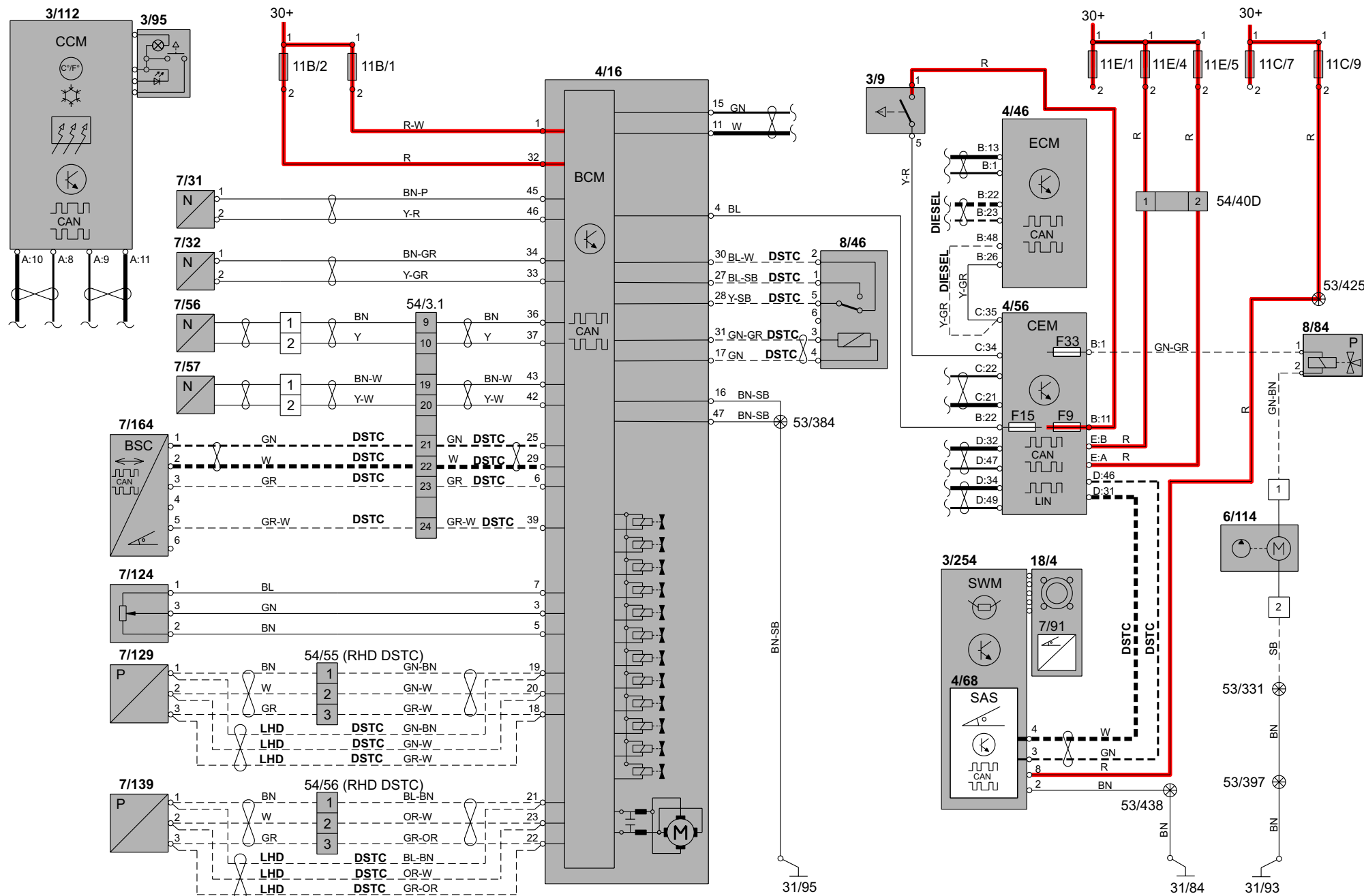
Group 43 Transmission

Differential Electronic Module (DEM)

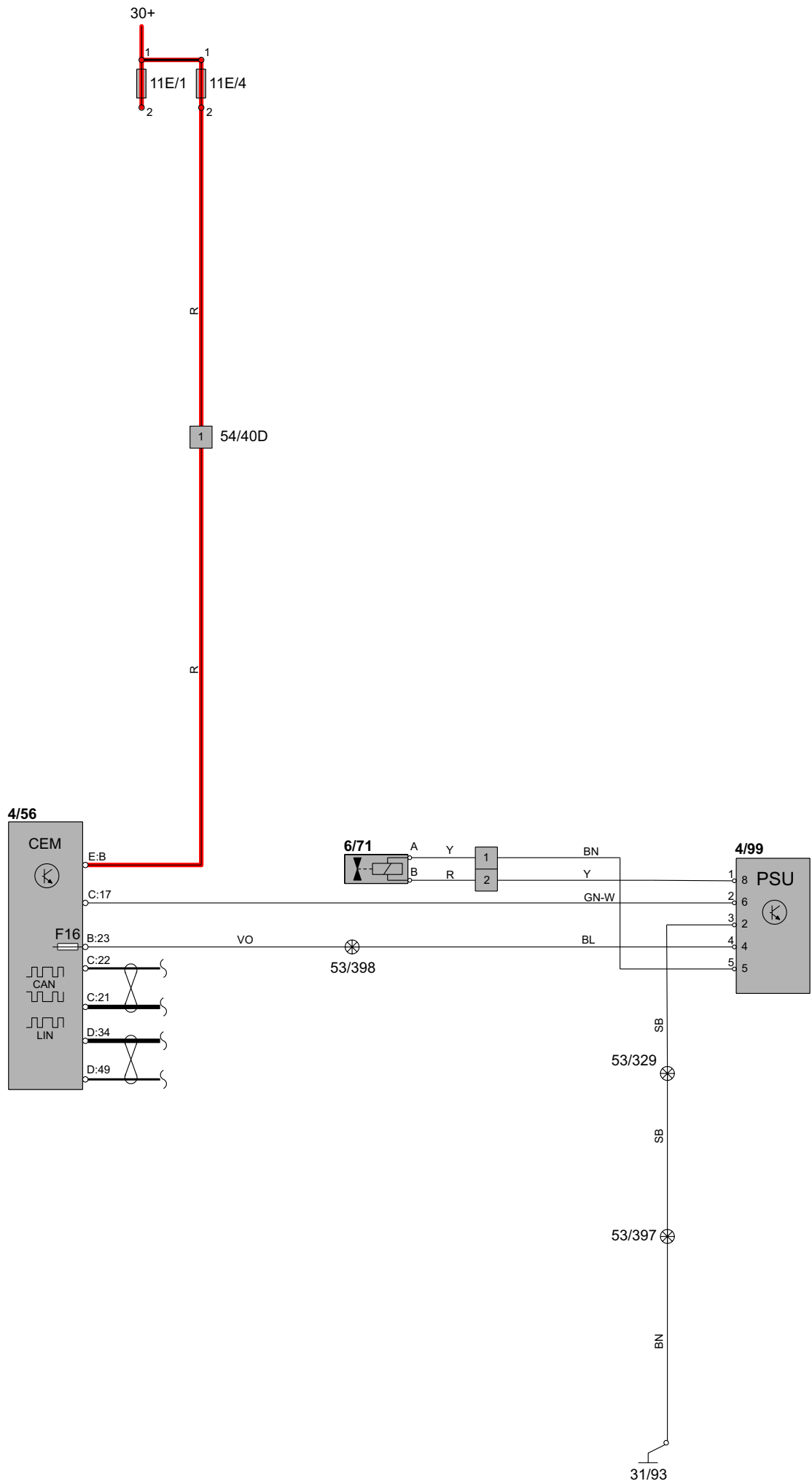


Group 59 Brake system

Brake Control Module (BCM)

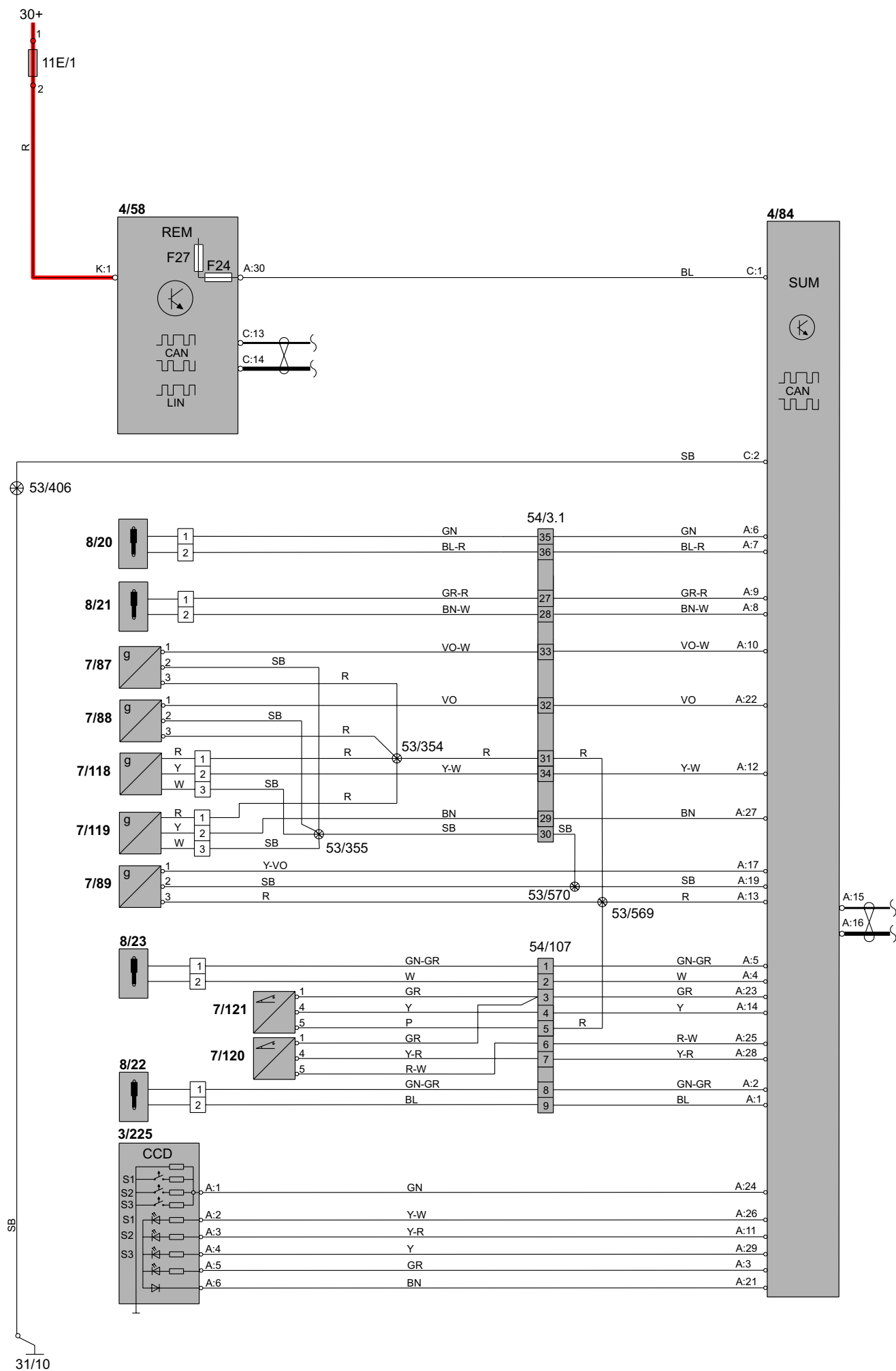


Group 64 Steering
Electronic power steering



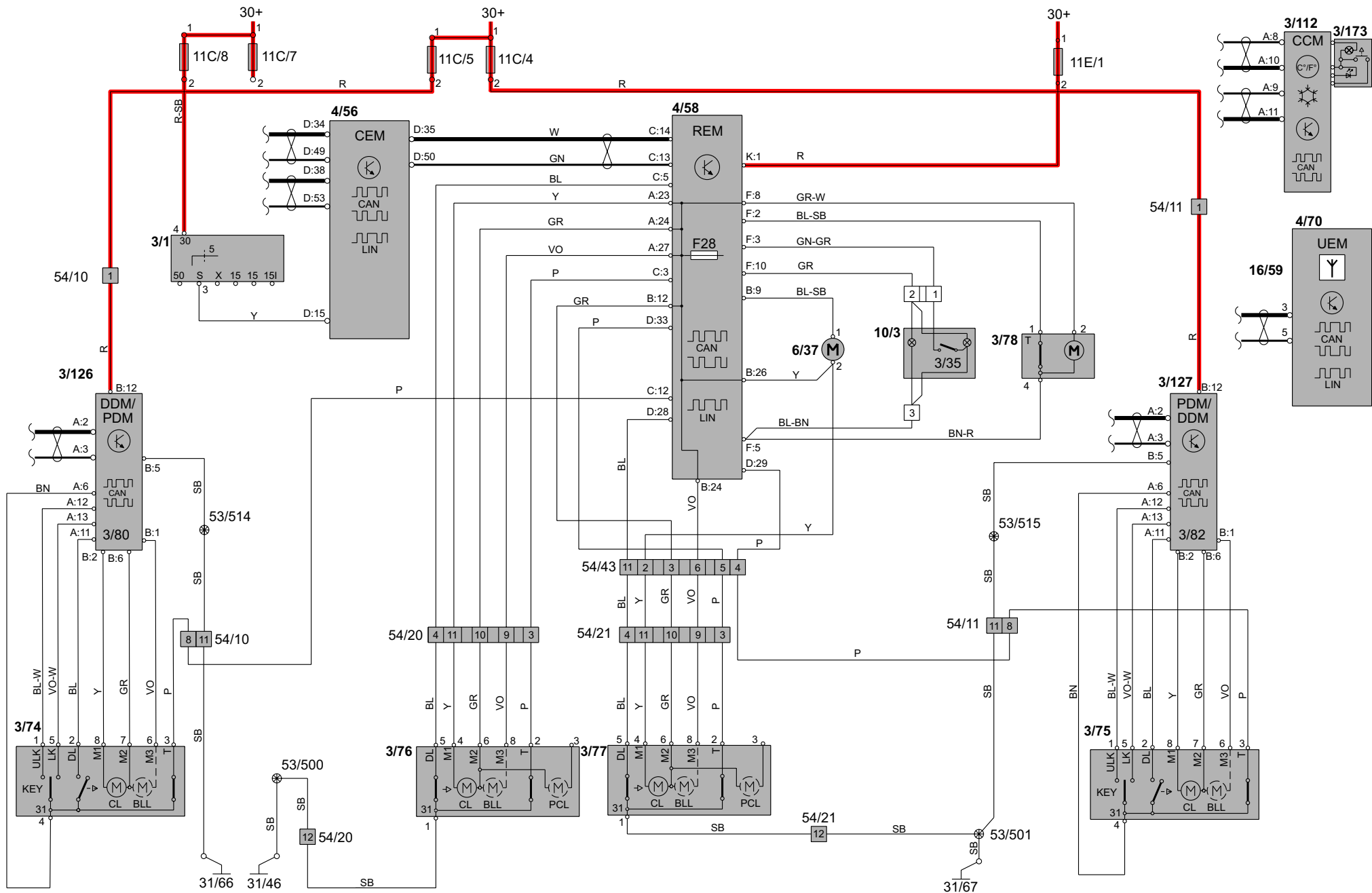
Group 76 Shock absorbers

Four-C



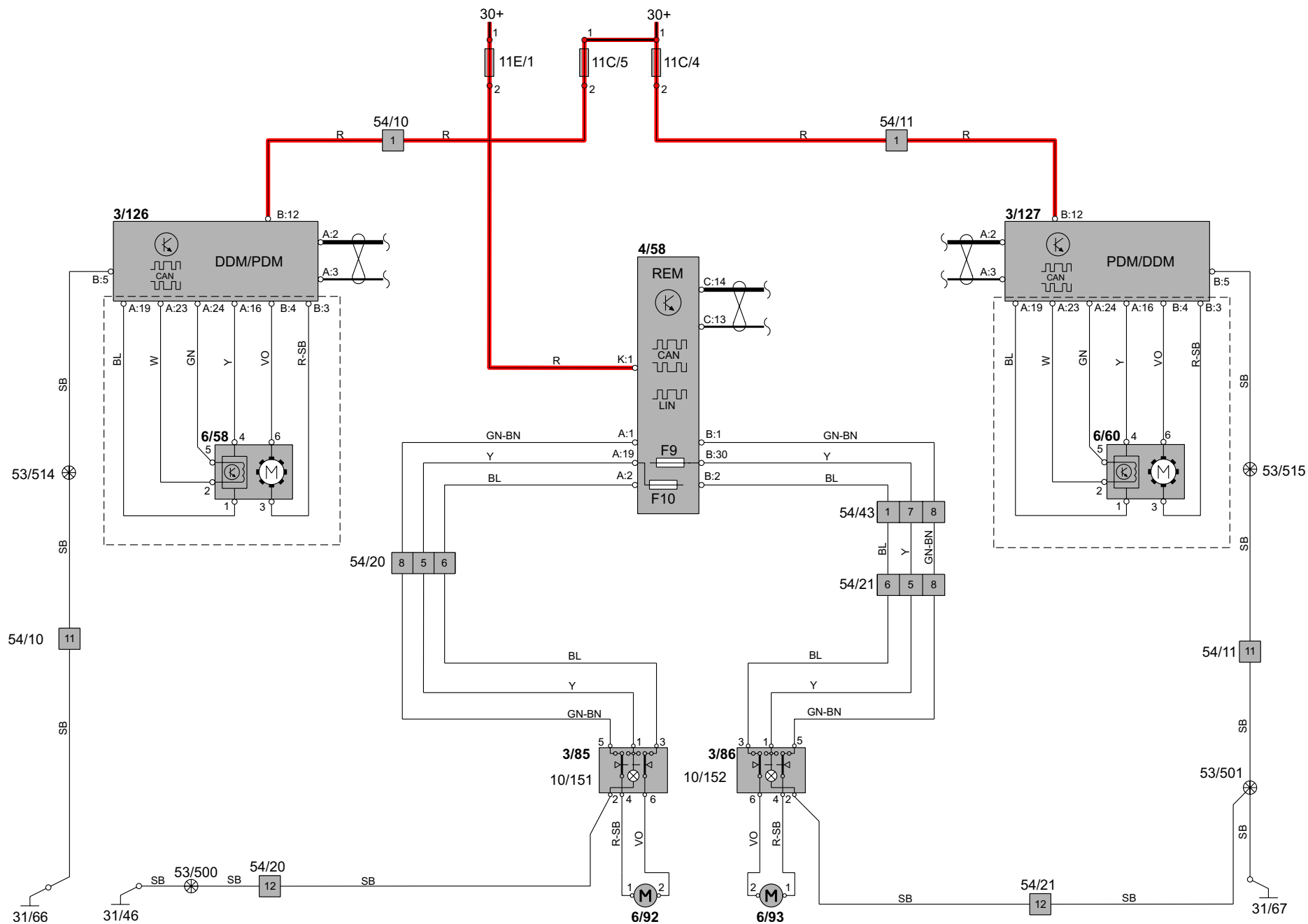
Group 83 Doors and openings

Central locking



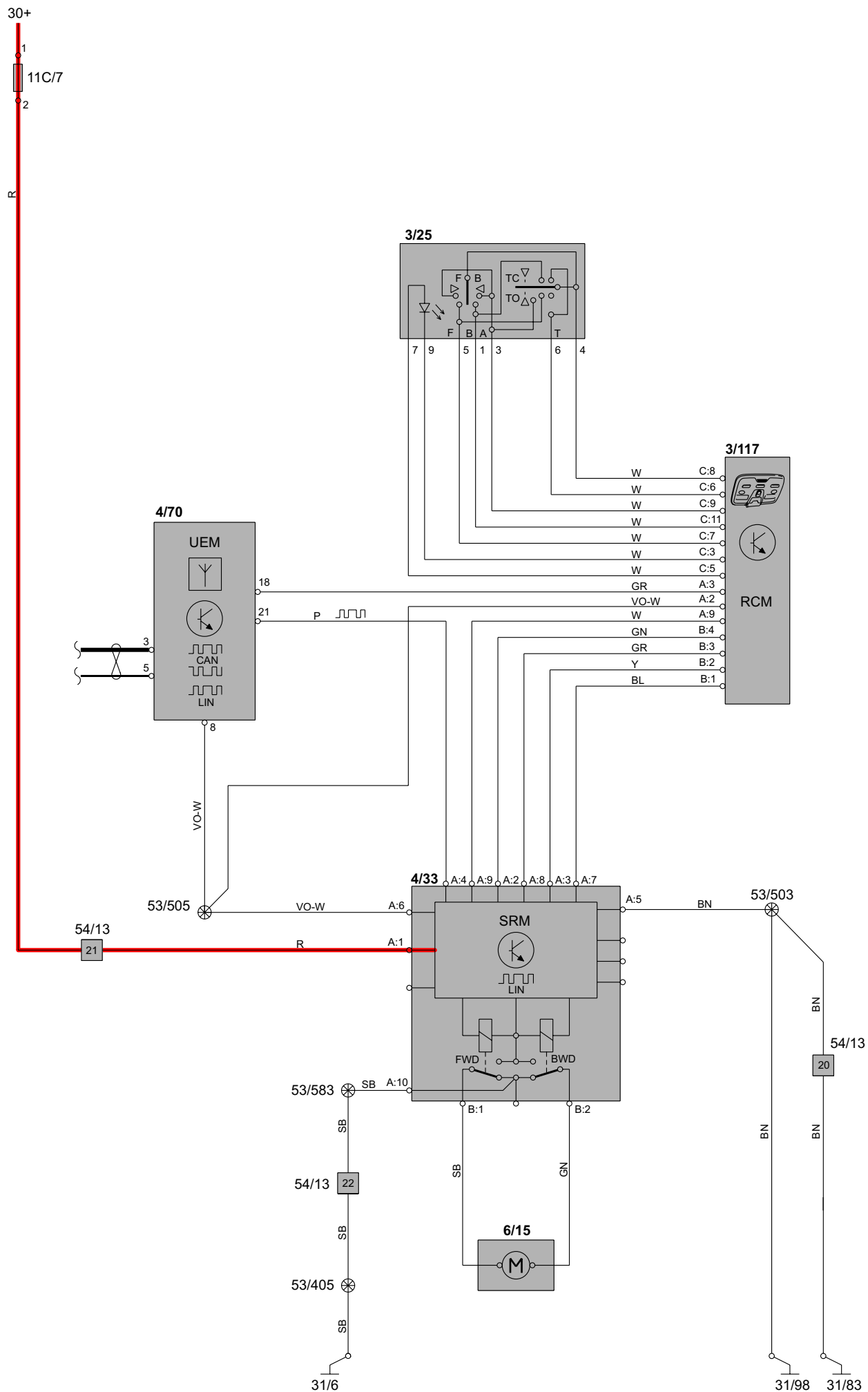
Group 83 Doors and openings

Power windows

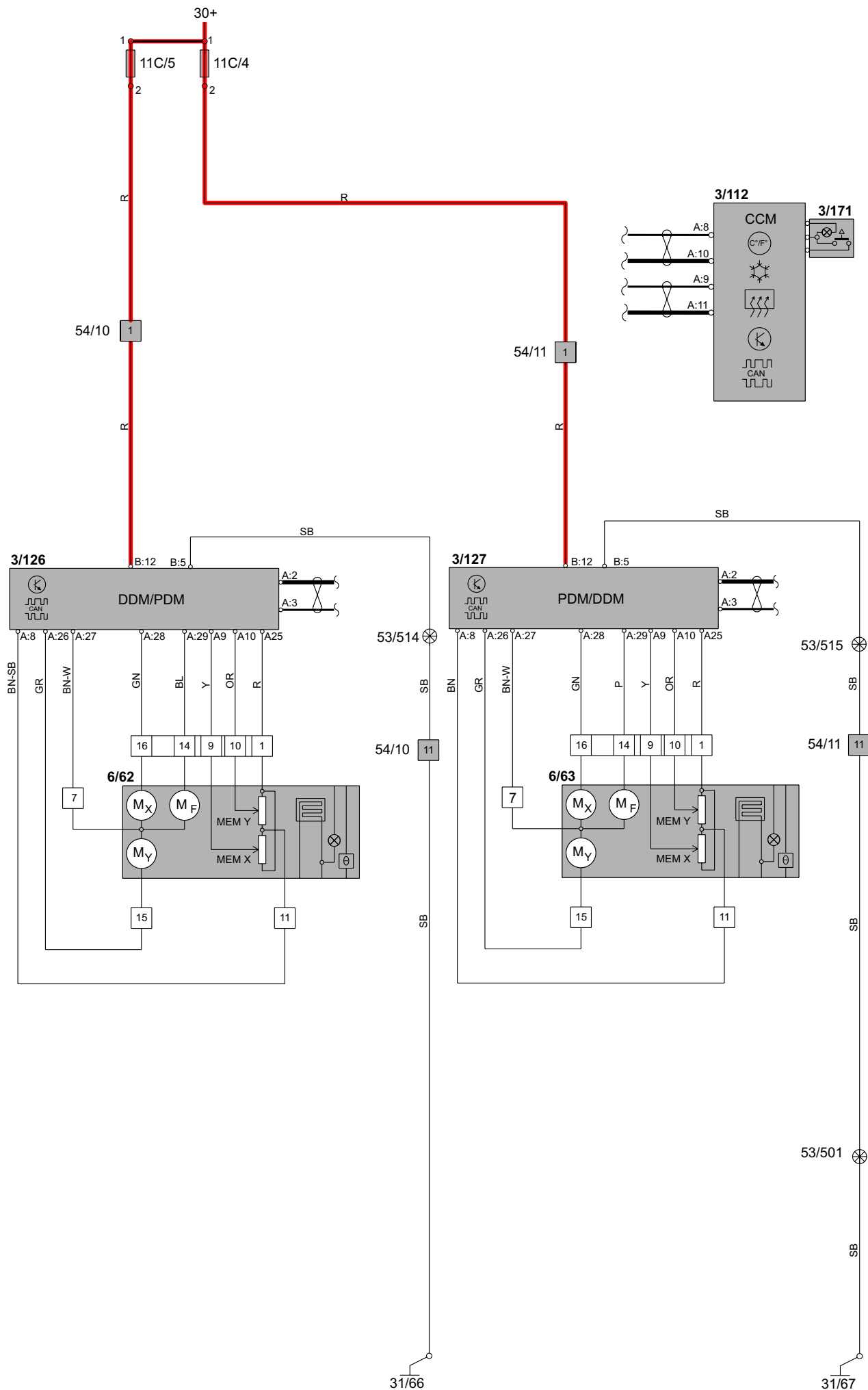


Group 83 Doors and openings

Power sunroof

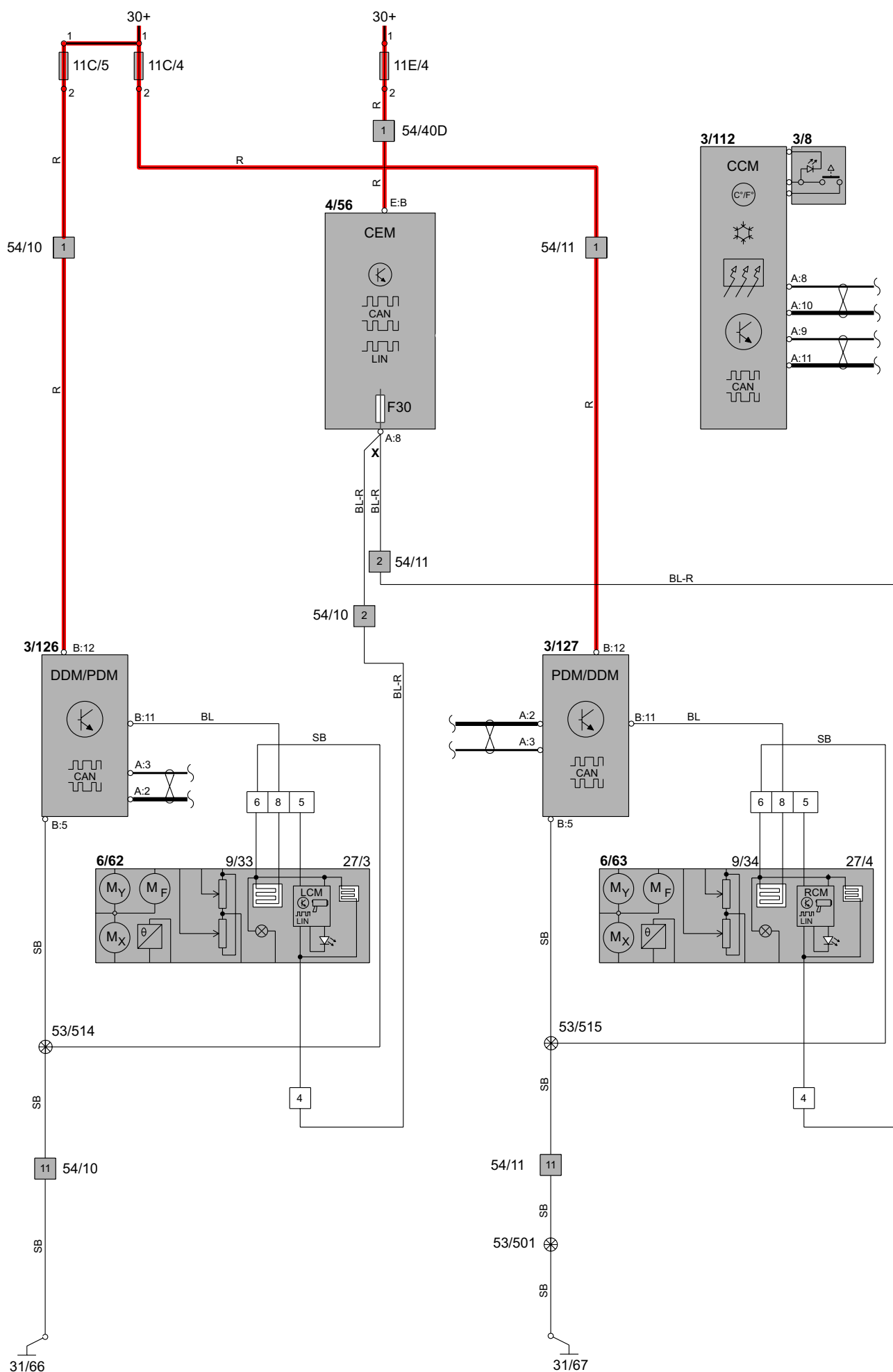


Group 84 Exterior decorative elements etc. Power door mirrors

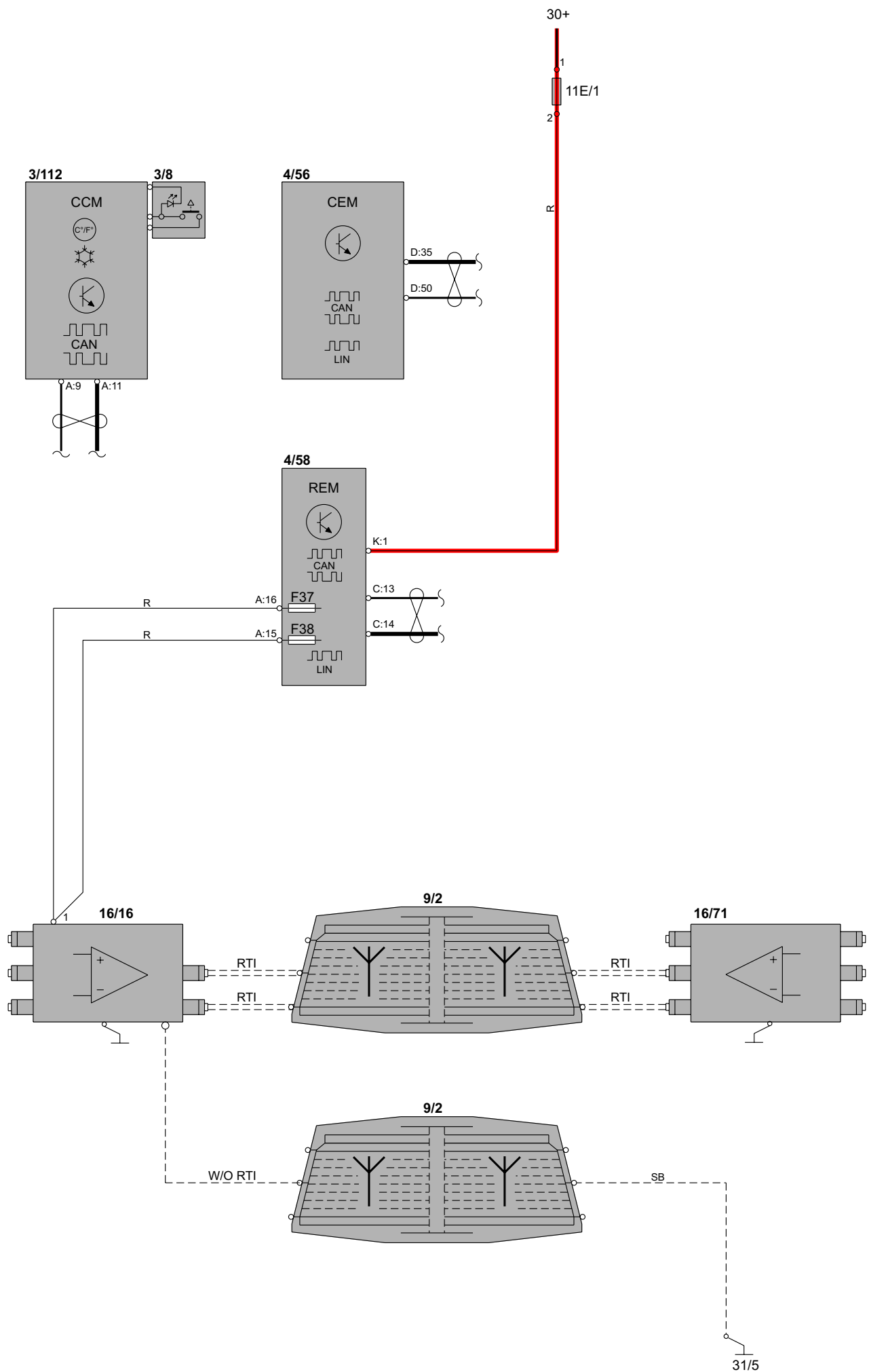


Group 84 Exterior decorative elements etc.

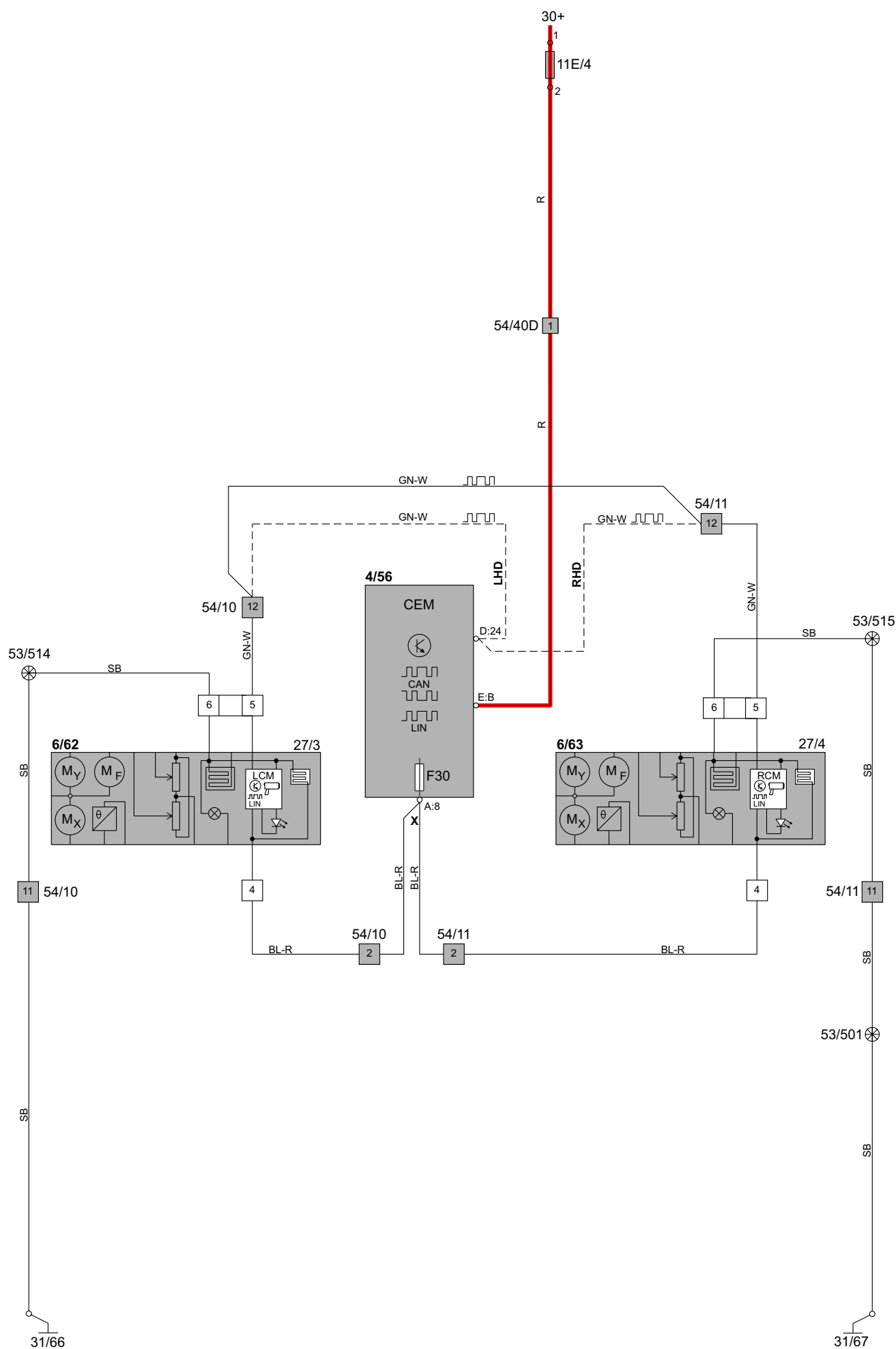
Heated door mirrors



Group 84 Exterior decorative elements etc. Heated rear window

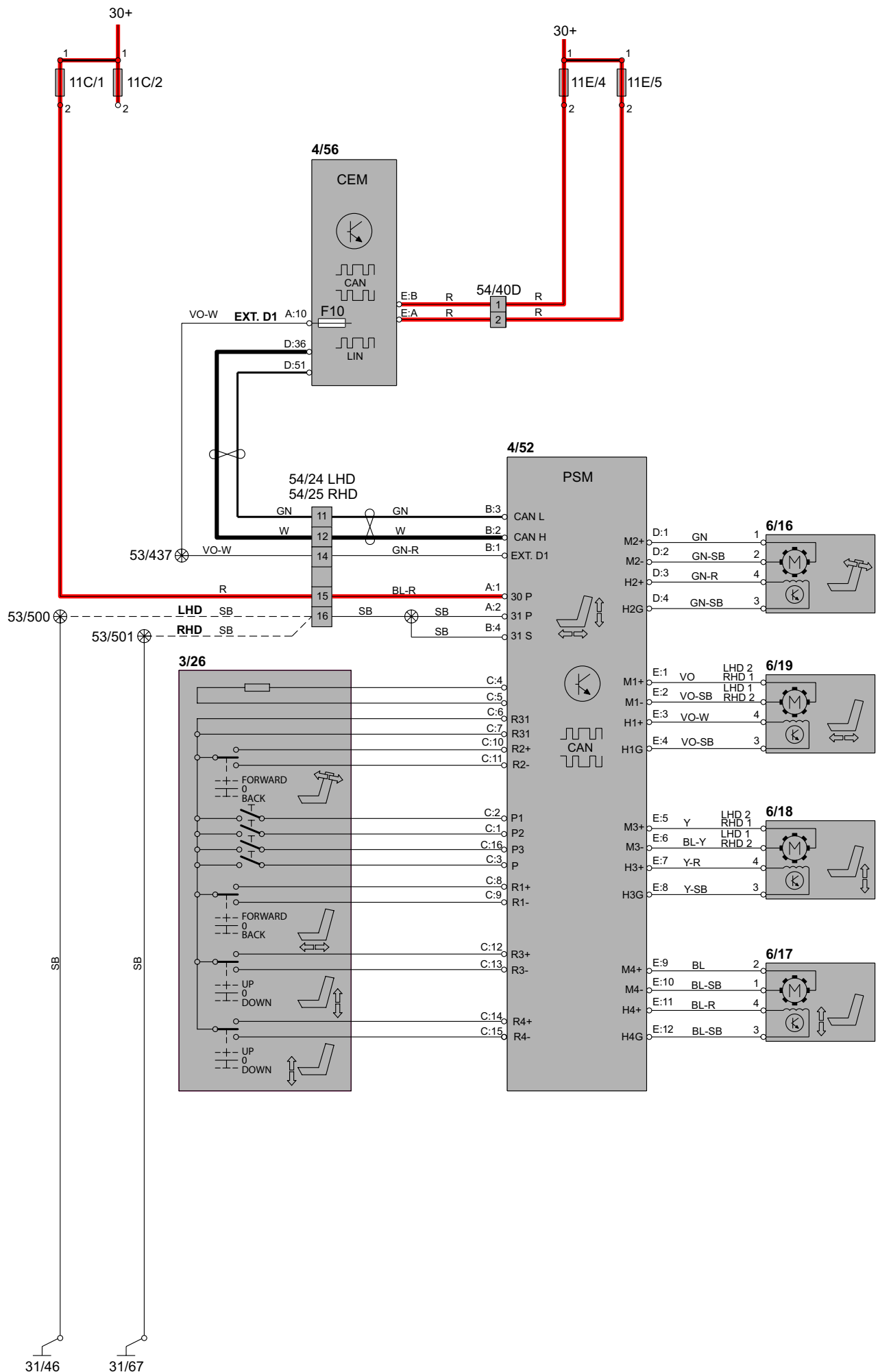


Group 84 Exterior decorative elements etc. Power door mirrors with camera function



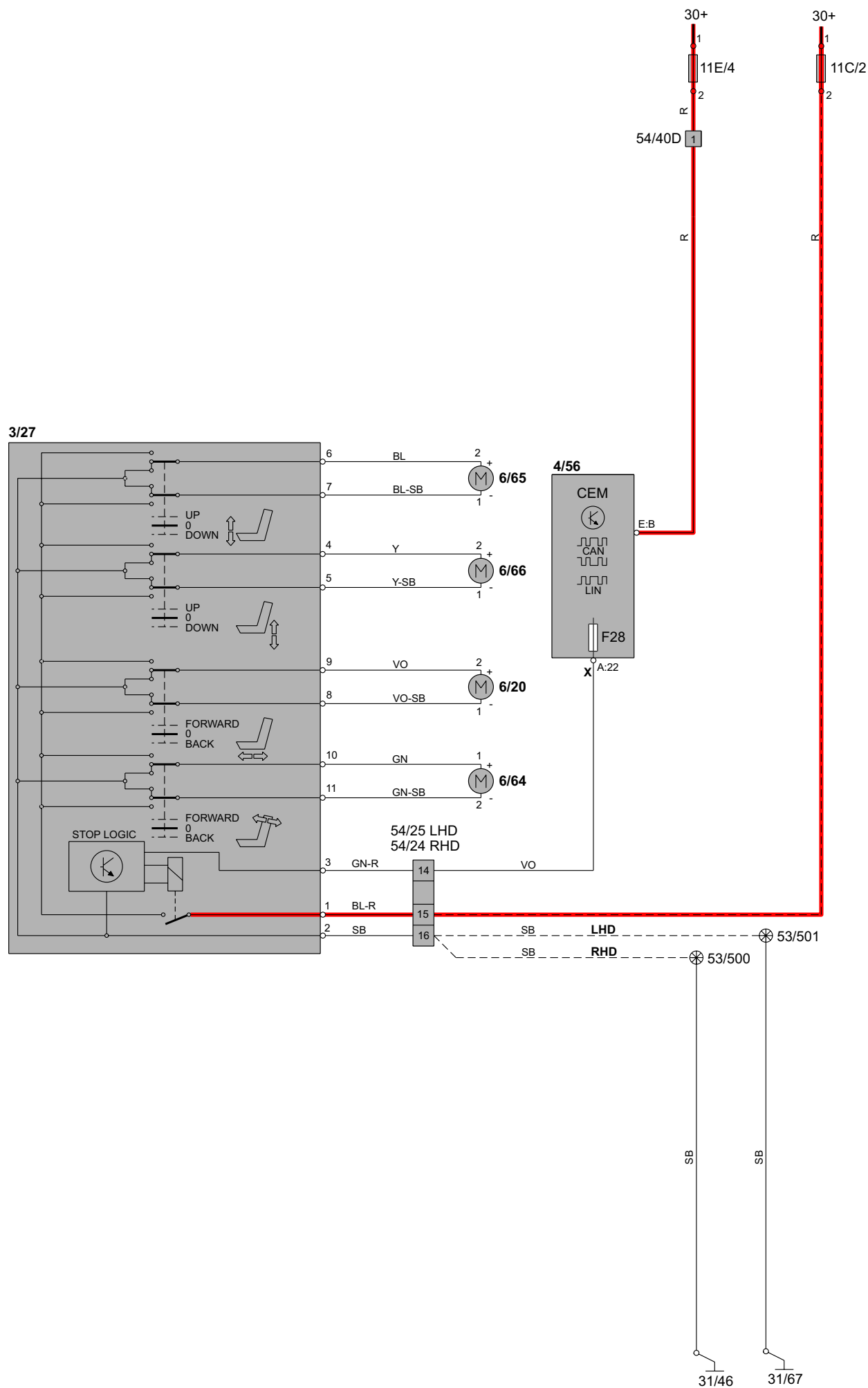
Group 85 Interior equipment

Power driver's seat



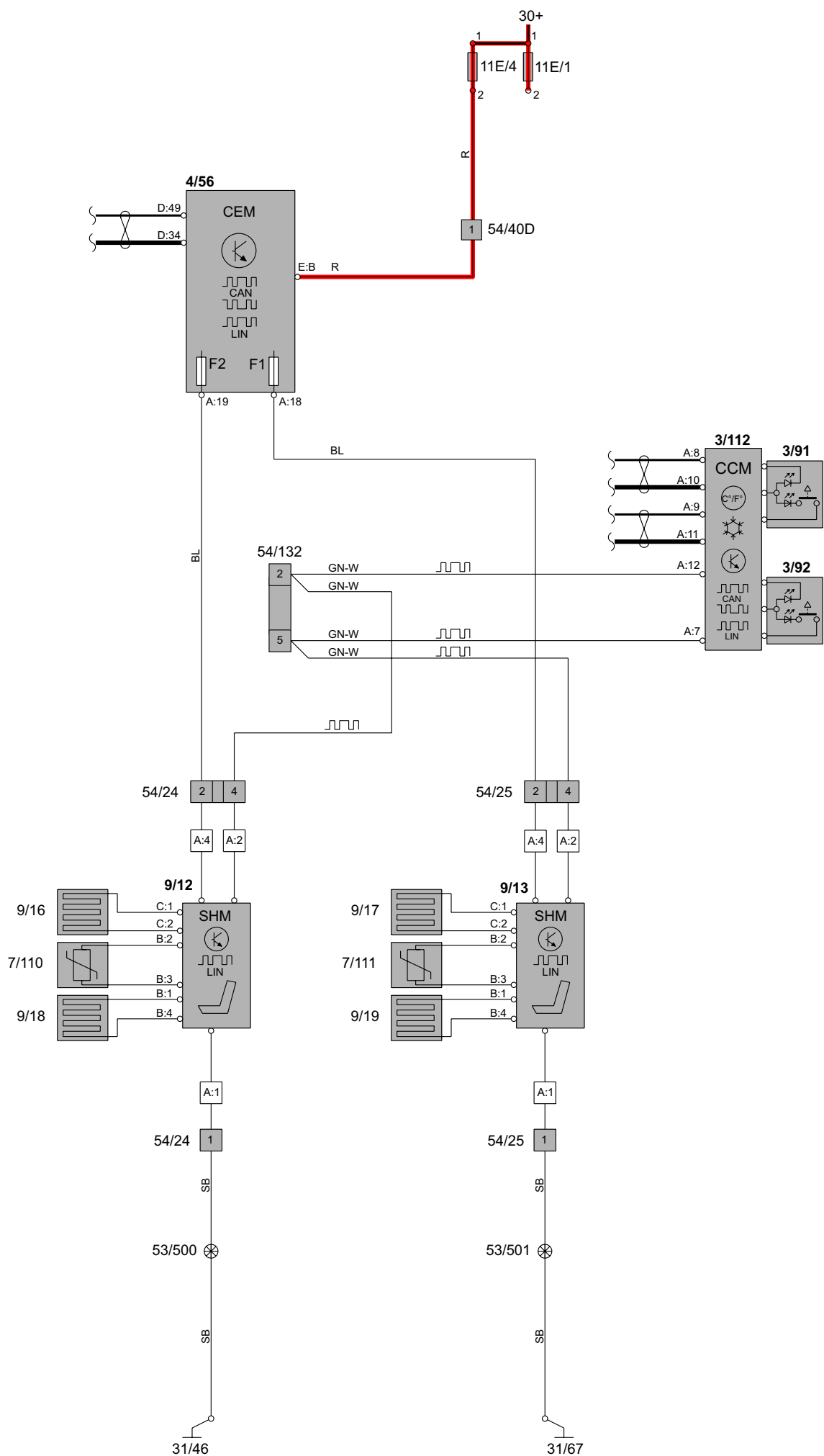
Group 85 Interior equipment

Power passenger seat

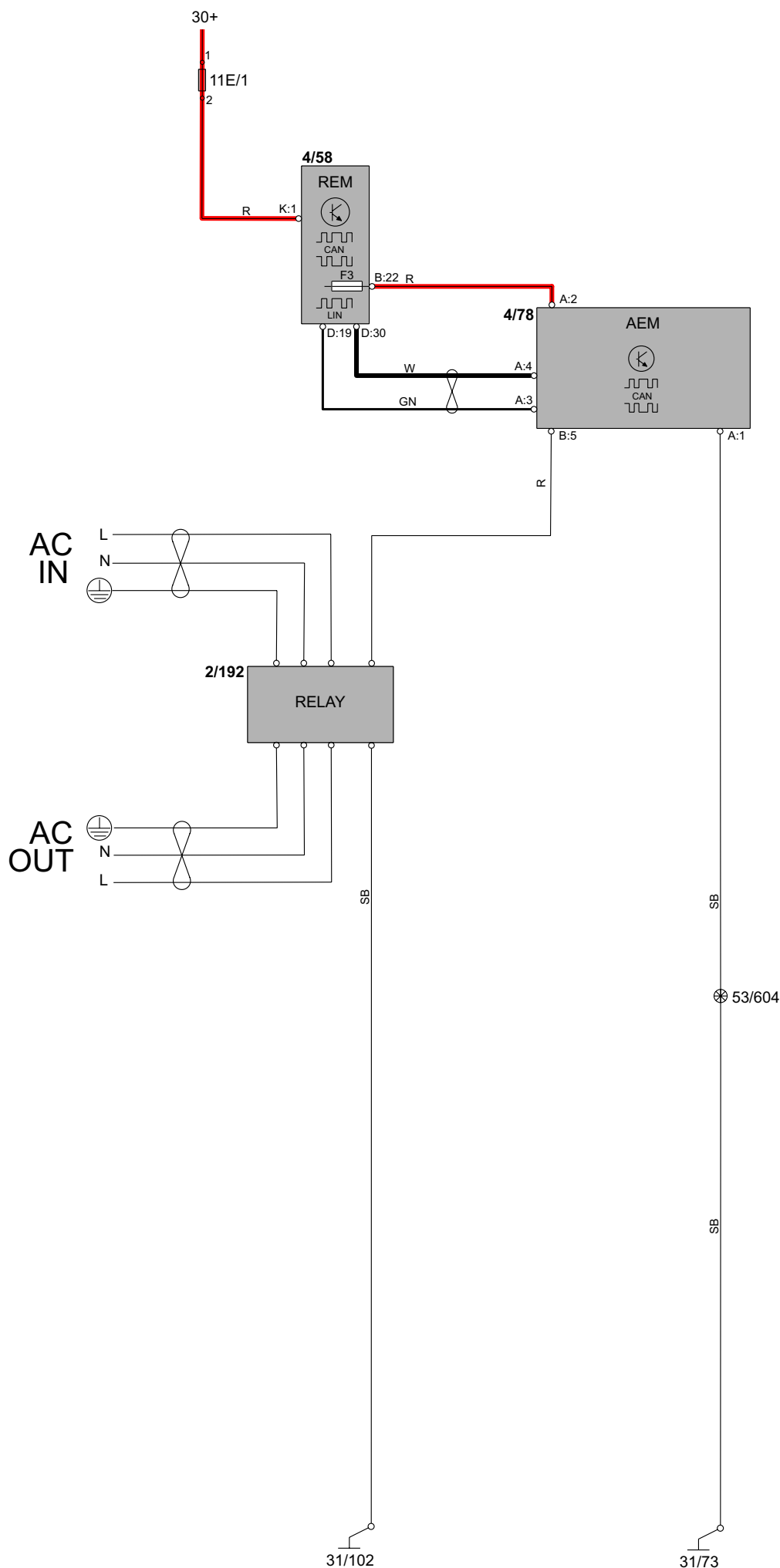


Group 85 Interior equipment

Heated seats

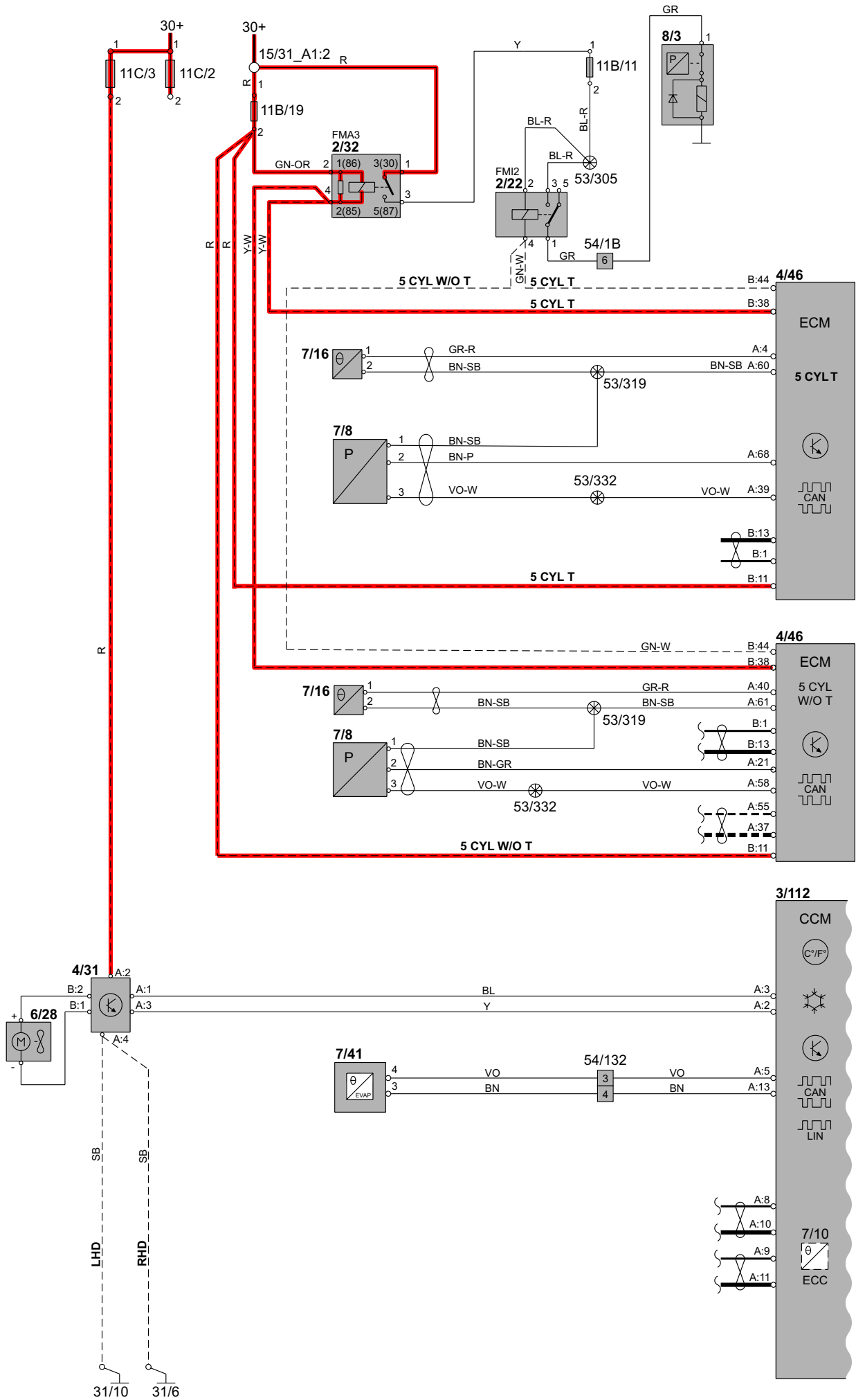


Group 87 Climate control system
Relay, electric engine heater



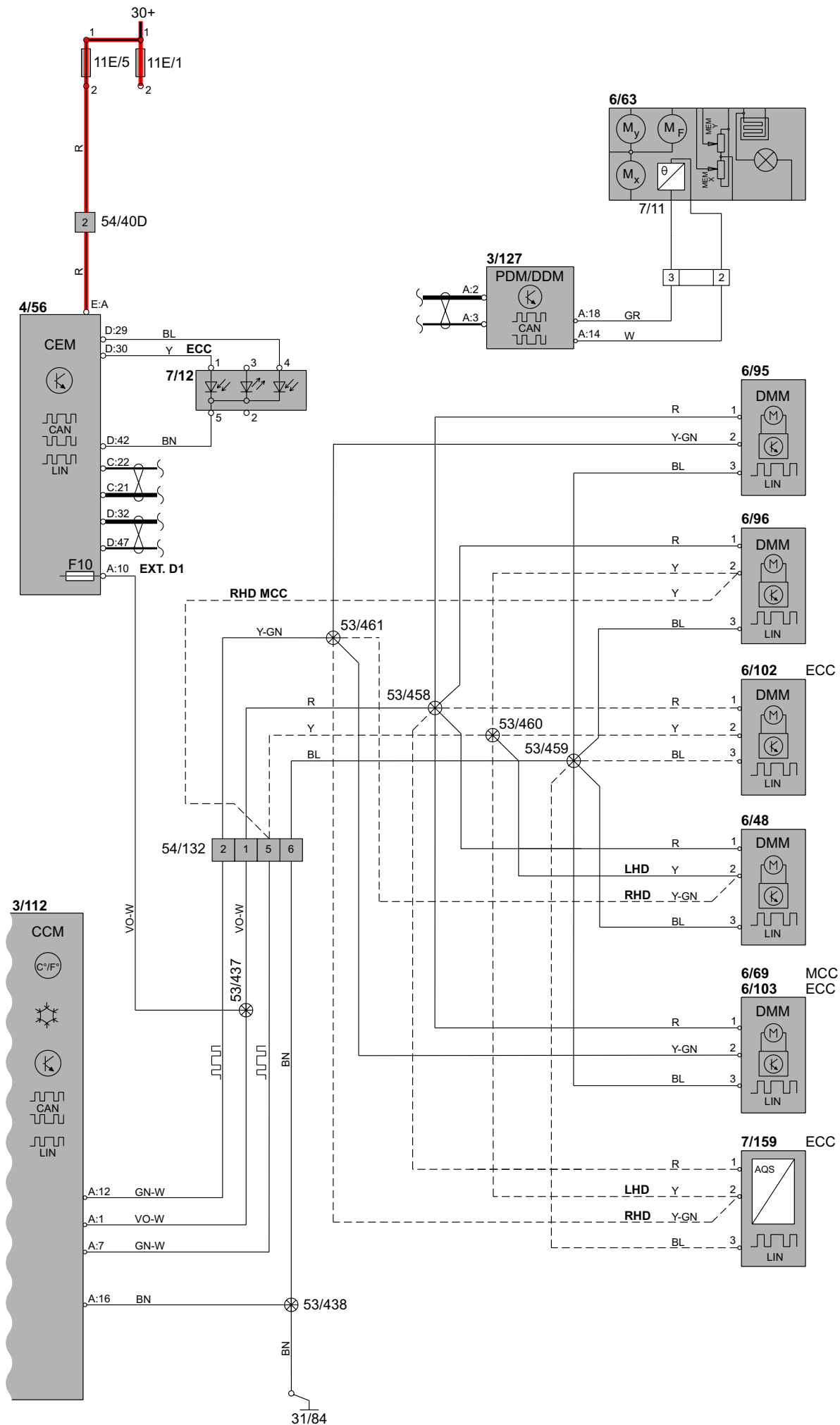
Group 87 Climate control system

Climate control system 1:2



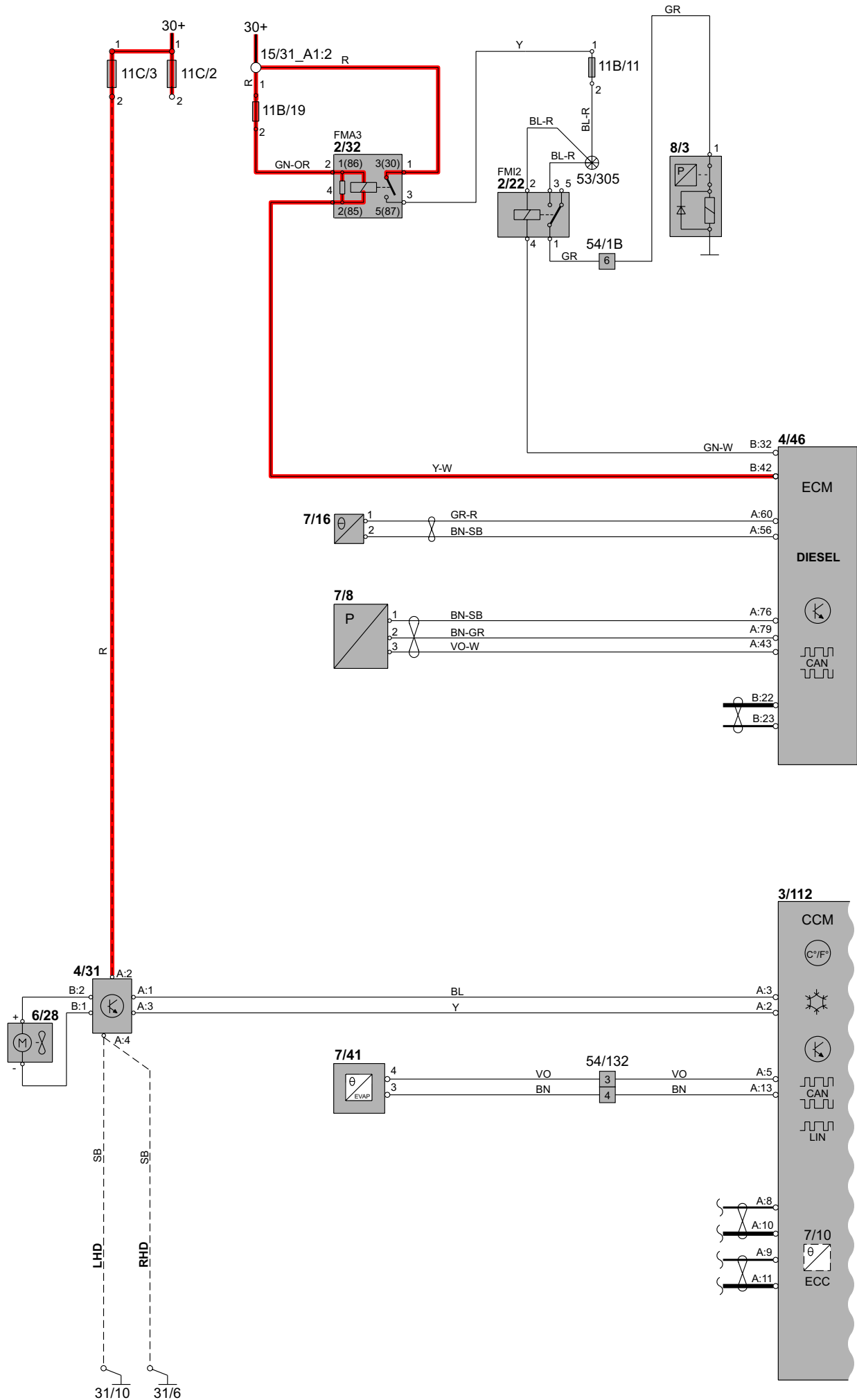
Group 87 Climate control system

Climate control system 2:2



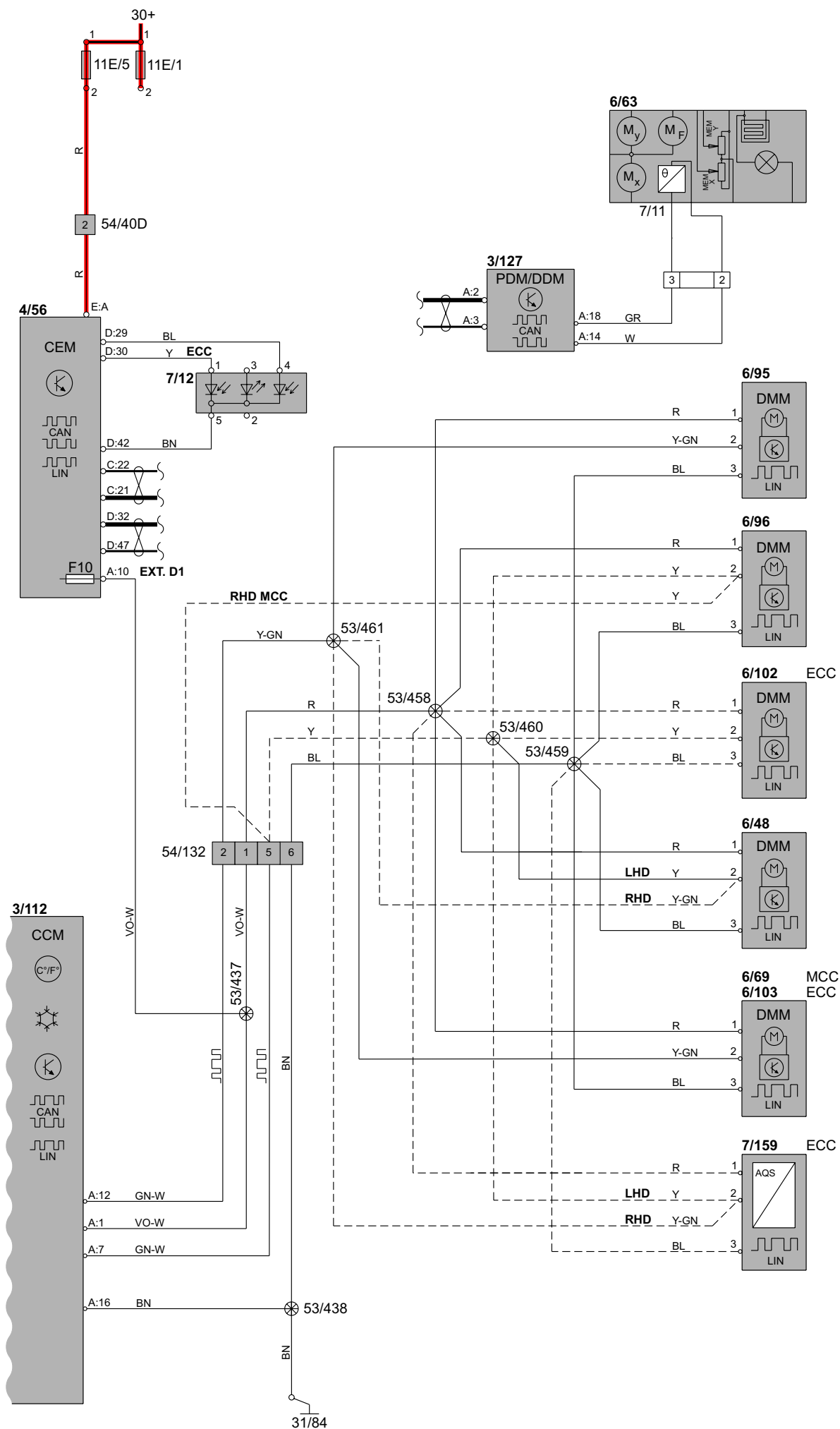
Group 87 Climate control system

Climate control system Diesel 1:2



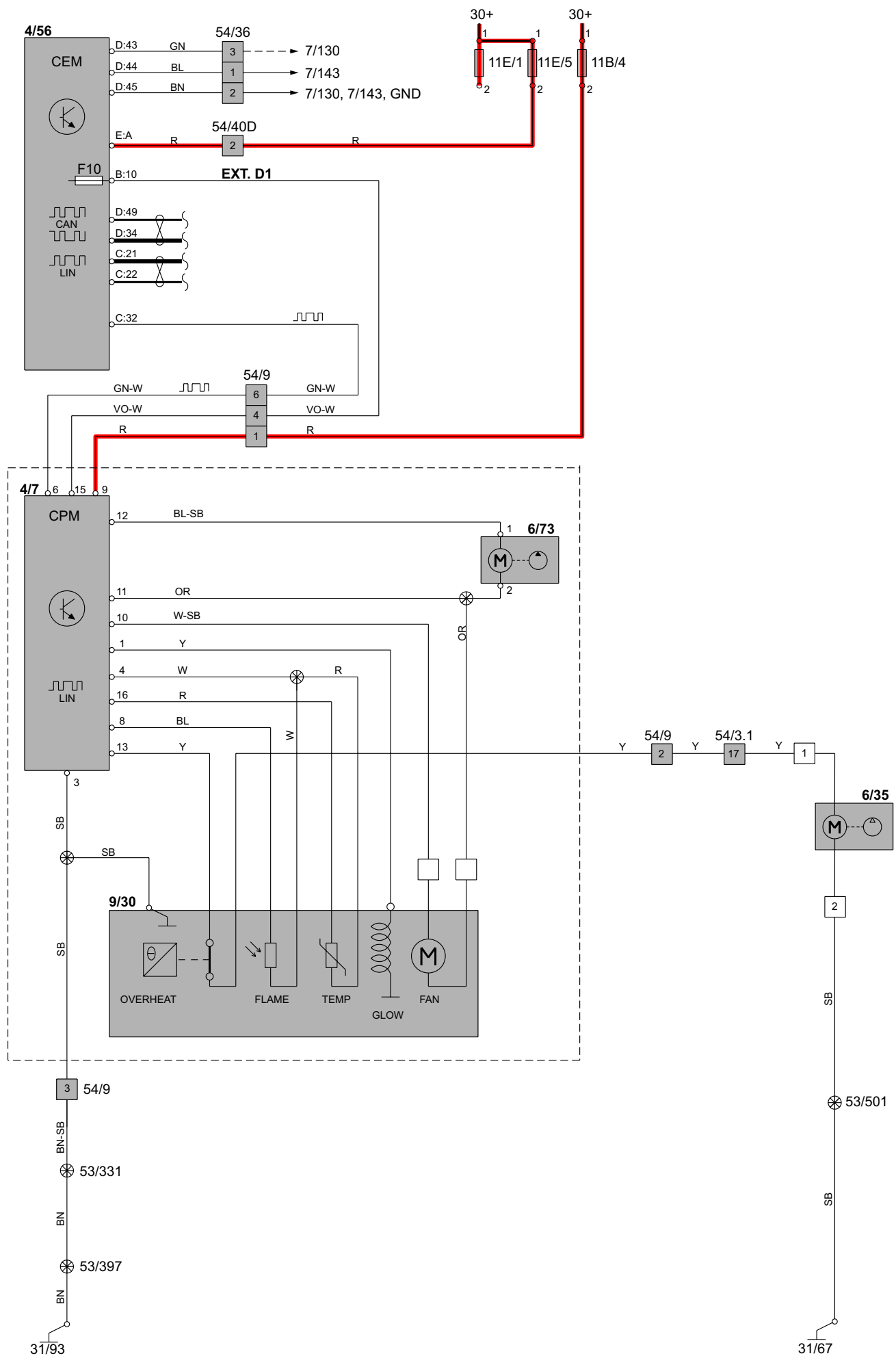
Group 87 Climate control system

Climate control system Diesel 2:2



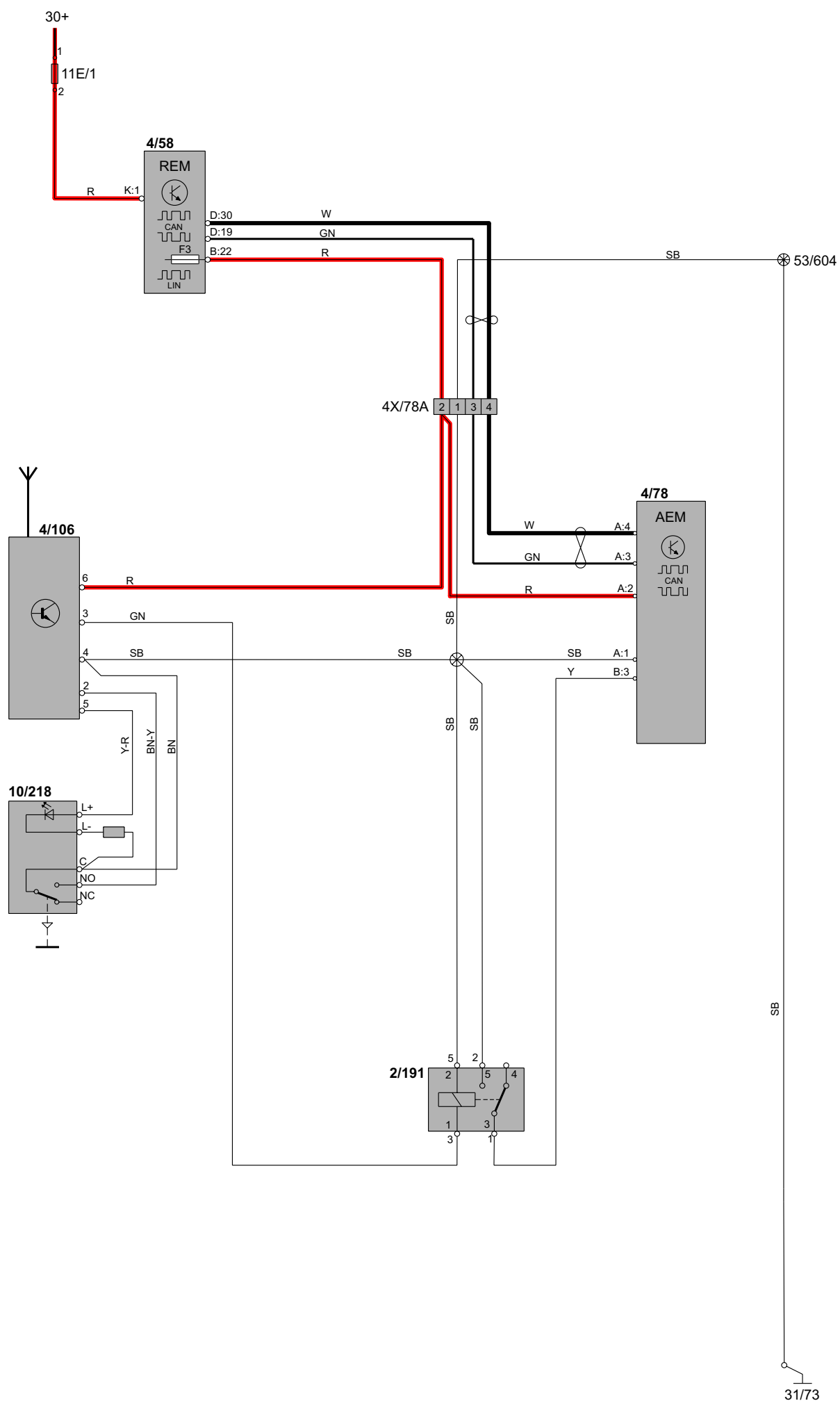
Group 87 Climate control system

Parking heater, auxiliary heater

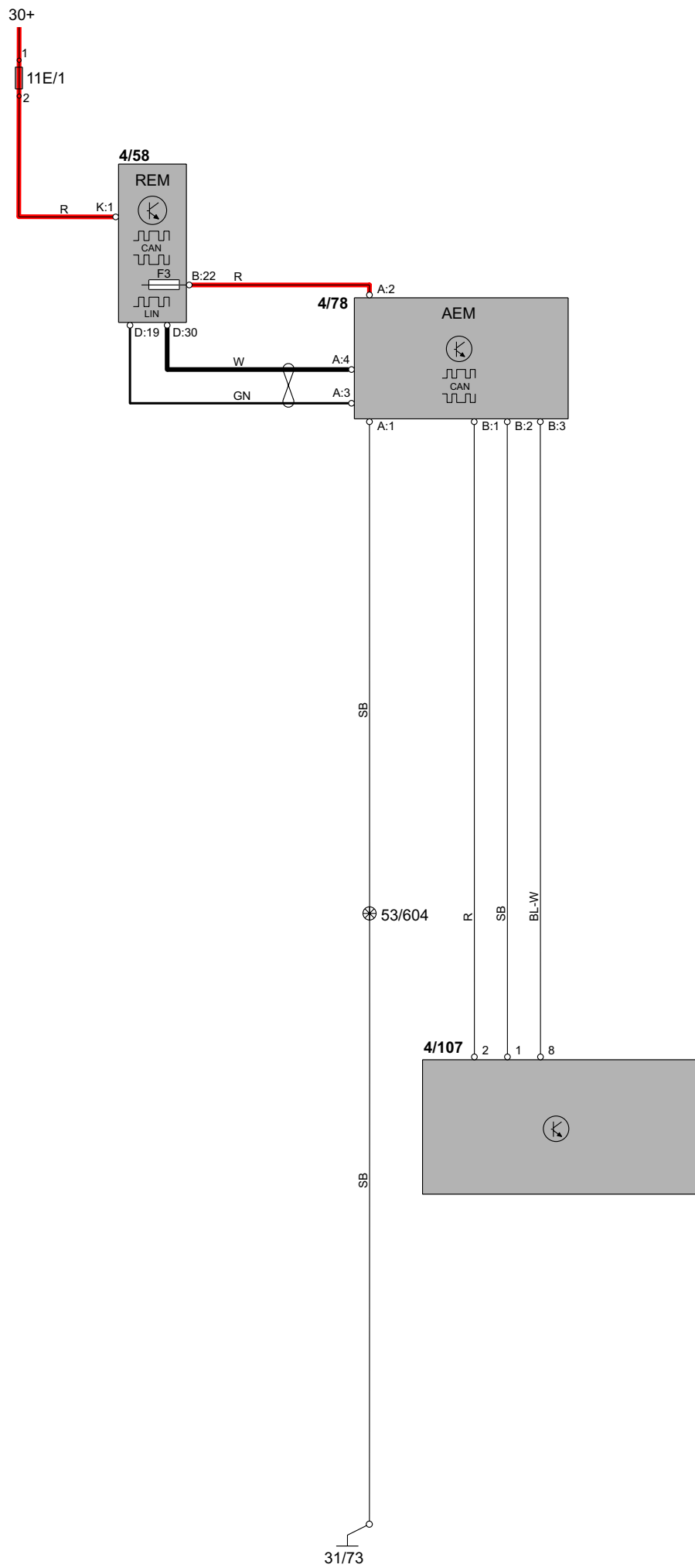


Group 87 Climate control system, Accessories

Parking heater, remote start

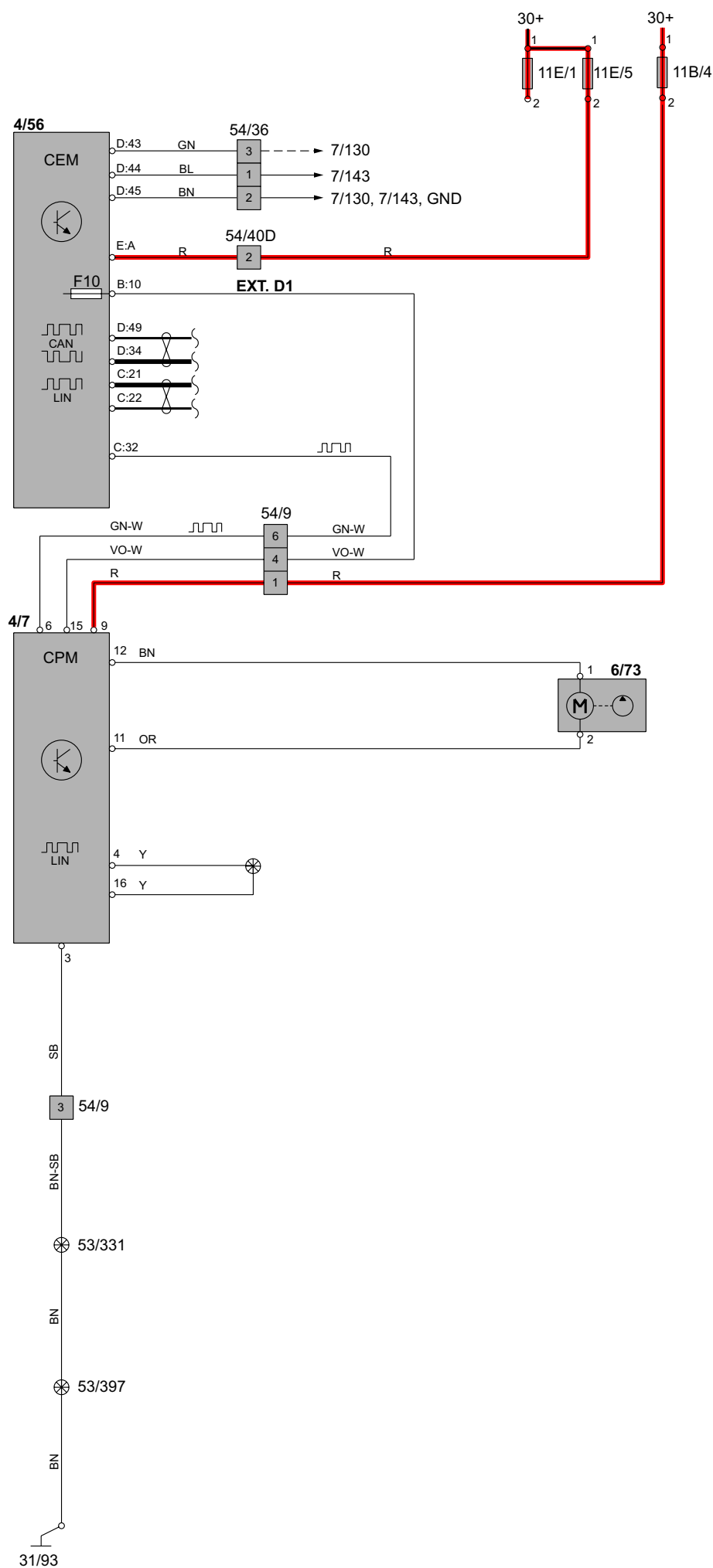


Group 87 Climate control system, Accessories
Parking heater, Call start

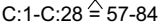


Group 87 Climate control system, Accessories

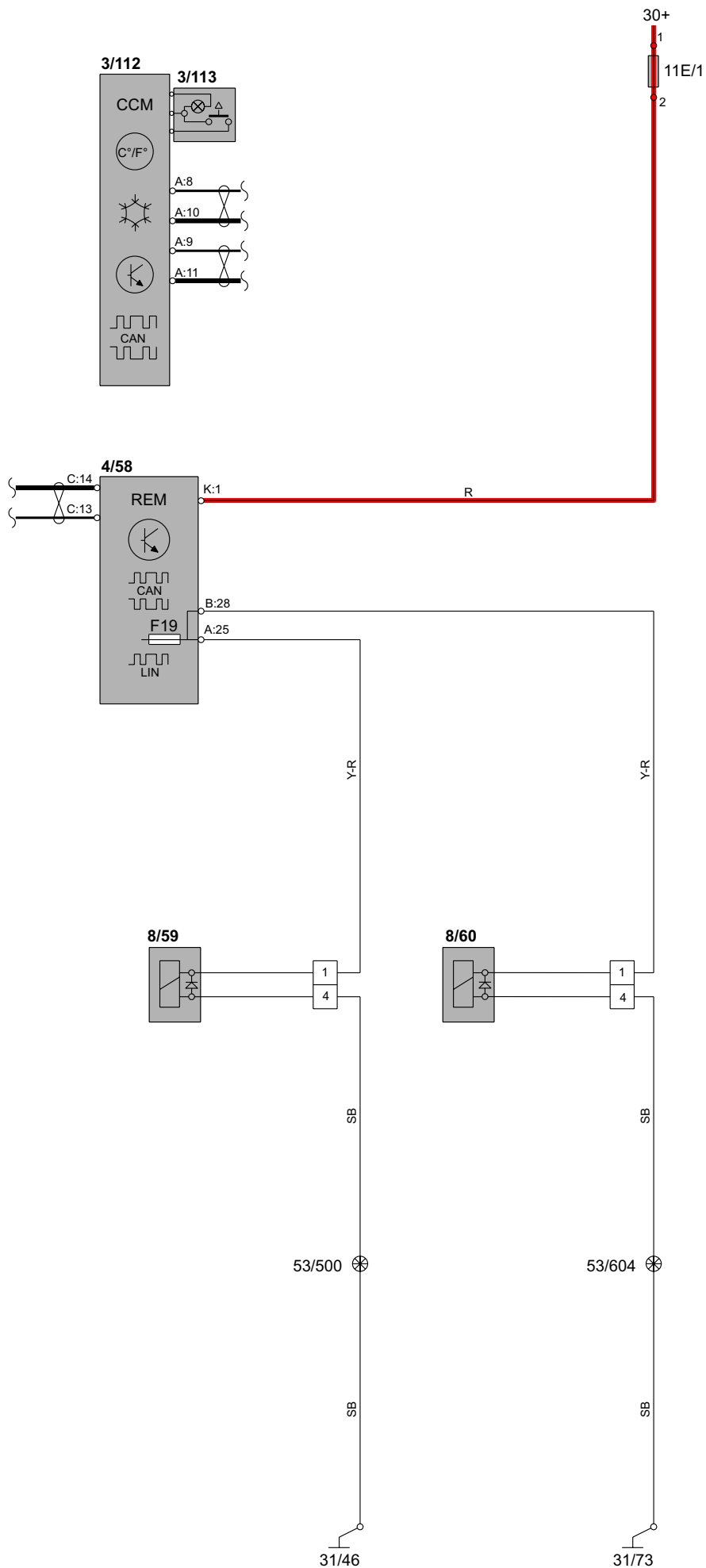
Short stop heater



Supplemental Restraint System (SRS)

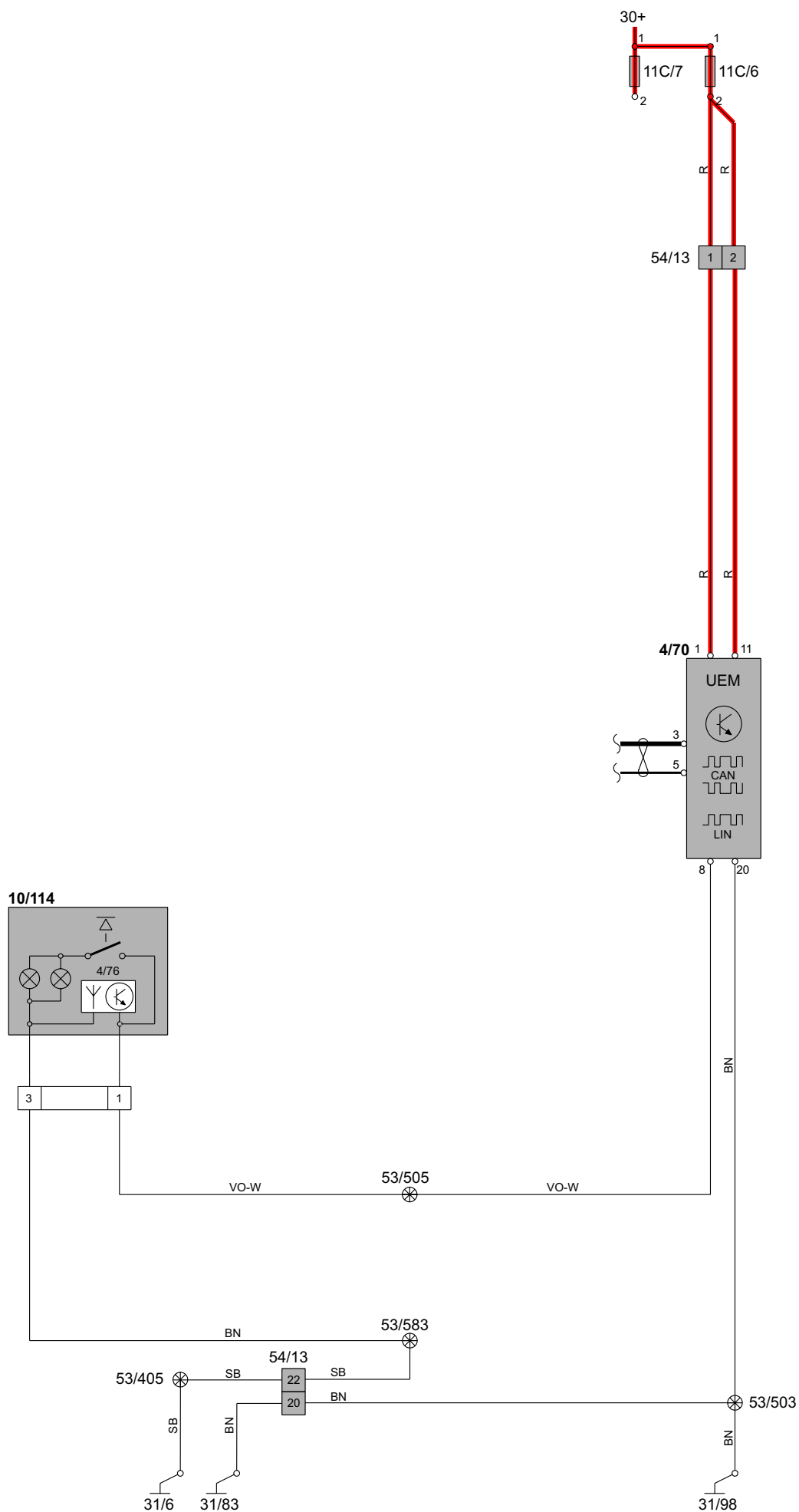


Group 88 Internal equipment
Electrically adjustable head restraint



Group 88 Internal equipment

Remote garage door opener



Connectors

54/1B - 54/1C

54/1B 14-pin gray

No.	Engine harness		Engine compartment harness		
1	-	-	-	-	-
2	7/17:1 53/315	Mass airflow sensor (MAF), Diesel Branching point, 5&6-cyl.	GN	11B/12:2 Fuse in engine compartment fuse box	GN
3	53/309 53/335	Branching point Branching point, Diesel	GN-GR	11B/15:2 Fuse in engine compartment fuse box	GN-GR
4	-	-	-	-	-
5	53/328	Branching point	GN-W	11B/10:2 Fuse in engine compartment fuse box	GN-W
6	8/3:1	Electromagnetic clutch, climate control system	GR	2/22:1 Relay, climate control system	GR
7	7/15:4 53/304	Front heated oxygen sensor, Diesel Branching point	GN-BN	11B/14:2 Fuse in engine compartment fuse box	GN-BN
8	6/25:2	Starter motor	GN-R	2/35:3 Starter motor relay	GN-R
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	6/26B:1	Alternator Control Module (ACM)	GN-W	4/56C:16 Central Electronic Module (CEM), not Diesel	GN-W
13	4/71:4	Cooling fan control module	VO	4/46A:7 Engine Control Module (ECM)	VO
14	4/50:6 53/314	Electronic Throttle Module (ETM) Branching point	GN-SB GN	11B/13:2 Fuse in engine compartment fuse box	GN-SB

54/1C 1-pin gray

No.	Engine compartment harness		Diesel engine harness	
1	11A/1	Main fuse in engine compartment fuse box	R	4/109:11 Glow plug control unit (GCU) R

Connectors

54/3.1

54/3.1

36-pin gray

No.	Passenger compartment harness			Engine compartment harness		
1	4/9B:18/46	Supplemental Restraint System (SRS)	OR	54/4:5	Connector	OR
2	4/9B:19/47	Supplemental Restraint System (SRS)	OR-SB	54/4:6	Connector	OR-SB
3	4/9B:21/49	Supplemental Restraint System (SRS)	GN-OR	54/4:7	Connector	GN-OR
4	4/9B:20/48	Supplemental Restraint System (SRS)	OR	54/4:8	Connector	OR
5	3/156A:2	GSM module	GN-W	4/28B:21 4/28A:7 54/57.1:3	Transmission Control Module (TCM) Transmission Control Module (TCM), TF-80SC (AWD) Connectors, Diesel	GN-W
6	54/10:6	Connector	BN	53/324 4/46B:4	Branching point, Man. Engine Control Module (ECM), Auto	BN
7	54/10:5	Connector	W	4/46B:29	Engine Control Module (ECM), Auto	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	4/16:36	Brake Control Module (BCM)	BN
10	7/56:2	Left-hand rear ABS sensor	Y	4/16:37	Brake Control Module (BCM)	Y
11	4/56D:32 54/74:3 53/584	Central Electronic Module (CEM) Connector Branching point	W GN	4/16:11	Brake Control Module (BCM)	W
12	4/56D:47 53/584 54/74:1	Central Electronic Module (CEM) Branching point Connector	GN	4/16:15	Brake Control Module (BCM)	GN
13	4/118A:5	Headlamp control module (HCM)	GN-W	54/22:12	Connector	GN-W
14	4/58C:4	Rear Electronic Module (REM)	Y	54/4:3	Connector	Y
15	54/13:15	Connector	P	16/35:2	Siren Control Module (SCM)	P
16	5/1:6	Driver Information Module (DIM)	Y-R	7/4:1	Brake fluid sensor	Y-R
17	6/35:1	Fuel pump, auxiliary heater	Y	54/9:2	Connector	Y
18	5/1:2	Driver Information Module (DIM)	GR	4/46B:37 4/46B:46	Engine Control Module (ECM), Diesel Engine Control Module (ECM)	GR
19	7/57:1	Right-hand rear ABS sensor	BN-W	4/16:43	Brake Control Module (BCM)	BN-W
20	7/57:2	Right-hand rear ABS sensor	Y-W	4/16:42	Brake Control Module (BCM)	Y-W
21	7/164: 1	Body Sensor Cluster Stability Sensor (BSC)	GN	4/16:25	Brake Control Module (BCM)	GN
22	7/164:2	Body Sensor Cluster Stability Sensor (BSC)	W	4/16:29	Brake Control Module (BCM)	W
23	7/164:3	Body Sensor Cluster Stability Sensor (BSC)	GR	4/16:6	Brake Control Module (BCM)	GR
continues						

Connectors

54/3.1 - 54/3.2

54/3.1

36-pin white

No.	Passenger compartment harness			Engine compartment harness		
24	7/164:5	Body Sensor Cluster Stability Sensor (BSC)	GR-W	4/16:39	Brake Control Module (BCM)	GR-W
25	4/118A:7	Headlamp control module (HCM)	GN-W	54/23:12	Connector	GN-W
26	3/1156A:6 8/134:6	Gear Selector Module (GSM) Solenoid, reverse interlock, manual	SB	4/28A:54 53/329	Transmission Control Module (TCM) Branching point, Man.	SB
27	4/84A:9	Suspension Module (SUM)	GR-R	8/21:1	Shock absorber, Four-C, front right	GR-R
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	BN
30	53/570	Branching point	SB	53/355	Branching point	SB
31	53/569	Branching point	R	53/354	Branching point	R
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)	VO-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
36	4/84A:7	Suspension Module (SUM)	BL-R	8/20:2	Shock absorber, Four-C, front left	BL-R

54/3.2

6-pin, gray, LHD

No.	Passenger compartment harness			Engine compartment harness		
1	54/34:1	Connector	GN-GR	11B/15	Fuse in engine compartment fuse 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 - 54/8

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	3/62: 1	Hood alarm contact	Y
4	53/331	Branching point	SB	53/382	Branching point	SB
5	54/3.1:1	Connector	OR	7/179:1	Front impact sensor, left	OR
6	54/3.1:2	Connector	OR-SB	7/179:2	Front impact sensor, left	OR-SB
7	54/3.1:3	Connector	GN-OR	7/178:1	Front impact sensor, right	GN-OR
8	54/3.1:4	Connector	OR	7/178:2	Front impact sensor, right	OR

54/7

3-pin gray

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	11B/5:2	Fuse in engine compartment fuse box	R-SB	2/64:2 2/64:4	Auxiliary lights harness, accessories, signal ground Auxiliary lights harness, accessories, 30-feed	R
2	4/56C:9	Central Electronic Module (CEM)	BN-W	2/64:1	Auxiliary light (accessory) relay	BN-W

Connectors

54/9 - 54/10

54/9

6-pin gray

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

54/10

12-pin black

No.	Passenger compartment harness			Harness, front left door		
1	11C/5:2	Fuse in passenger compartment fuse box	R	3/126B:12	Driver/Passenger Door Module (DDM)/(PDM)	R
2	4/56A:8	Central Electronic Module (CEM)	BL-R	27/3:4	Left Camera Module (LCM)	BL-R
3	4/56D:39	Central Electronic Module (CEM)	W	3/126A:2	Driver/Passenger Door Module (DDM)/(PDM)	W
4	4/56D:54	Central Electronic Module (CEM)	GN	3/126A:3	Driver/Passenger Door Module (DDM)/(PDM)	GN
5	54/3.1:7	Connector	W	6/62:2	Left-hand power door mirror	OR-W
6	54/3.1:6	Connector	BN	6/62:3	Left-hand power door mirror	BN
7	4/56A:12 4/58A:21	Central Electronic Module (CEM) Rear Electronic Module (REM)	GN-W	6/62:12	Left-hand power door mirror	GN
8	4/58C:12	Rear Electronic Module (REM)	P	3/74:3	Left-hand front door lock unit	P
9	16/1B:1 54/14:1	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	53/514	Branching point	SB
12	4/56D:24 54/11:12	Central Electronic Module (CEM) Connector	GN-W	27/3:5	Left Camera Module (LCM)	GN-W

Connectors

54/11 - 54/12

54/11

12-pin black

No.	Passenger compartment harness			Harness, front right door		
1	11C/4:2	Fuse in passenger compartment fuse box	R	3/127B:12	Passenger/Driver Door Module (PDM)/(DDM)	R
2	4/56A:8	Central Electronic Module (CEM)	BL-R	27/4:4	Right Camera Module (RCM)	BL-R
3	53/433	Branching point	W	3/127A:2	Passenger/Driver Door Module (PDM)/(DDM)	W
4	53/434	Branching point	GN	3/127A:3	Passenger/Driver Door Module (PDM)/(DDM)	GN
5	-		-	-		-
6	-		-	-		-
7	4/56A:29 4/58A:20	Central Electronic Module (CEM) Rear Electronic Module (REM)	GN	6/63:12	Right-hand power door mirror	GN-W
8	54/43:4	Connector	P	3/75:3	Right-hand front door lock unit	P
9	16/1B:5 54/14:5	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	Branching point	SB	53/515	Branching point	SB
12	4/56D:24 54/10:12	Central Electronic Module (CEM) Connector	GN-W	27/4:5	Right Camera Module (RCM)	GN-W

54/12

4-pin orange

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

Connectors

54/13 - 54/14

54/13

22-pin black

No.	Passenger compartment harness			Roof harness		
1	11C/6:2	Fuse in passenger compartment fuse box	R	4/70:1	Upper Electronic Module (UEM)	R
2	11C/6:2	Fuse in passenger compartment fuse box	R	4/70:11	Upper Electronic Module (UEM)	R
3-4	-		-	-		-
5	4/56D:38	Central Electronic Module (CEM)	W	4/70:3	Upper Electronic Module (UEM)	W
6	4/56D:53	Central Electronic Module (CEM)	GN	4/70:5	Upper Electronic Module (UEM)	GN
7-10	-		-	-		-
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 Module (SRM) Upper Electronic Module (UEM)	P
16-19	-		-	-		-
20	31/83	Ground connection, A-post left side	BN	53/503	Branching point	BN
21	11C/7:2	Fuse in passenger compartment fuse box	R	4/33A:1	Sunroof Module (SRM)	R
22	53/405	Branching point	SB	53/583	Branching point	SB

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

Connectors

54/16 - 54/20

54/16

5-pin green

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

54/20

12-pin black

No.	Passenger compartment harness			Left rear door harness		
1	53/523	Branching point	GR-W	16/6:1	Left-hand rear door speaker	GR-W
2	53/524	Branching 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	-		-	-		-
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	Branching point	SB	3/76:1 3/85:2	Left-hand rear door lock unit Rear left door power window switch	SB

Connectors

54/21 - 54/22:1-9

54/21 12-pin black

No.	Passenger compartment harness			Right rear door harness		
1	53/525	Branching point	GR-W	16/5:1	Right-hand rear door speaker	GR-W
2	53/526	Branching point	GR	16/5:2	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	-		-	-		-
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	53/501	Branching point	SB	3/77:1 3/86:2	Right-hand rear door lock unit Rear right door power window switch	SB

54/22 12-pin black

No.	Engine compartment harness			Front left lamp housing harness		
1	53/398	Branching point	VO	6/38:3 10/1A:7	Left-hand headlight level adjustment motor Left-hand front lamp housing	BL
2	4/56C:19	Central Electronic Module (CEM)	W	10/71:1 10/1A:3	Side running light, front left Left-hand front lamp housing	GR
3	4/56B:7	Central Electronic Module (CEM)	BL-W	10/1A:2	Left-hand front lamp housing	BL-Y
4	4/56B:8	Central Electronic Module (CEM)	BL-GN	10/1A:6	Left-hand front lamp housing	BL-GN
5	4/56C:1	Central Electronic Module (CEM)	GR-W	10/1A:5	Left-hand front lamp housing	GN
6	4/56C:12	Central Electronic Module (CEM)	GN-R	6/38:2	Left-hand headlight level adjustment motor	GN-R
7	4/56B:27	Central Electronic Module (CEM)	BL	10/1A:1	Left-hand front lamp housing	W
8	-		-	-		-
9	4/56B:31	Central Electronic Module (CEM)	GN	10/13:1	Front left direction indicator	GN
continues						

Connectors

54/22:10-12 - 54/23

54/22

12-pin black

No.	Engine compartment harness		Front left lamp housing harness		
10	53/301	Branching point	SB	10/1A:4 Left-hand front lamp housing 10/71:2 Side running light, front left 6/38:1 Left-hand headlight level adjustment motor 10/13:2 Front left direction indicator	SB
11	-		-	-	-
12	54/3.1:13	Connector	GN-W	10/1A:7 Left-hand front lamp housing	-

54/23

12-pin black

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

Connectors

54/24

54/24

20-pin black

No.	Passenger compartment harness			Harness, front left seat		
1	53/500	Branching point	SB	9/12A:1	Seat Heating Module (SHM), driver's side	-
2	4/56A:19	Central Electronic Module (CEM)	BL	9/12A:4	Seat Heating Module (SHM), driver's side	-
3	-		-	-		-
4	54/132:2	Connector	GN-W	9/12A:2	Seat Heating Module (SHM), driver's side	-
5-6	-		-	-		-
7	4/9A:4/4	Supplemental Restraint System (SRS)	OR	8/51:1	Front left side airbag igniter	BL
8	4/9A:3/3	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 phone	GR
10	16/60:4	Phone Module (PHM)	GR	16/78:2	Speaker, mobile phone	W
11	4/56D:51	Central Electronic Module (CEM)	GN	4/52B:3	Power Seat Module (PSM)	GN
12	4/56D:36	Central Electronic Module (CEM)	W	4/52B:2	Power Seat Module (PSM)	W
13	53/500	Branching point	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	Branching point	VO-W	4/52B:1	Power Seat Module (PSM)	
15	11C/1:2	Fuse in fuse box LHD	R	4/52A: 1	Power Seat Module (PSM)	BL-R
	11C/2:2	Fuse in fuse box LHD		3/27:1	Switch unit, power passenger seat	
16	53/500	Branching point, RHD	SB	3/27:2	Switch unit, power passenger seat	SB
	53/501	Branching point, LHD		4/52A:2	Power Seat Module (PSM)	
				4/52B:4	Power Seat Module (PSM)	
17	4/9A:25/25	Supplemental Restraint System (SRS)	VO	3/93:1	Switch, left-hand seat belt buckle	-
18	4/9A:26/26	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			Harness, front right seat		
1	53/501	Branching point	SB	9/13A:1	Seat Heating Module (SHM), passenger side	-
2	4/56A:18	Central Electronic Module (CEM)	BL	9/13A:4	Seat Heating Module (SHM), passenger side	-
3	-		-	-		-
4	54/132:5	Connector	GN-W	9/13A:2	Seat Heating Module (SHM), passenger side	-
5-6	-		-	-		-
7	4/9C:4/60	Supplemental Restraint System (SRS)	OR	8/52:1	Front side airbag igniter	BL
8	4/9C:3/59	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 phone	GR
10	16/60:4	Phone Module (PHM)	GR	16/78:2	Speaker, mobile phone	W
	4/9C:1/57	Supplemental Restraint System (SRS), USA	GN-W	7/93:E	Occupant Weight Sensor (OWS), USA	
11	4/56D:51	Central Electronic Module (CEM)	GN	4/52B:3	Power Seat Module (PSM)	GN
12	4/56D:36	Central Electronic Module (CEM)	W	4/52B:2	Power Seat Module (PSM)	W
13	53/501	Branching point	SB	8/52	Front right side airbag igniter	SB
14	4/56A:22	Central Electronic Module (CEM)	VO	3/27:3	Switch unit, power passenger seat	GN-R
	53/437	Branching point	VO-W	4/52B:1	Power Seat Module (PSM)	
15	11C/1:2	Fuse in fuse box LHD	R	4/52A:1	Power Seat Module (PSM)	BL-R
	11C/2:2	Fuse in fuse box LHD		3/27:1	Switch unit, power passenger seat	
16	53/500	Branching point, LHD	SB	3/27:2	Switch unit, power passenger seat	SB
	53/501	Branching point, RHD		4/52A:2	Power Seat Module (PSM)	
				4/52B:4	Power Seat Module (PSM)	
17	4/9C:25/81	Supplemental Restraint System (SRS)	VO	3/94:1	Switch, right-hand seat belt buckle	-
18	4/9C:26/82	Supplemental Restraint System (SRS)	OR-SB	3/94:2	Switch, right-hand seat belt buckle	-
19	31/67	Ground connection, front seat riser, right-hand side, USA	BN	7/93:D	Occupant Weight Sensor (OWS), USA	-
20	53/437	Branching point	VO-W	7/93:G	Occupant Weight Sensor (OWS), USA	-

Connectors

54/32 - 54/36

54/32

3-pin light gray

No.	Cargo compartment harness			Harness, rear left angle sensor		
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	SB-R
3	54/3.2:3	Connector	GN	6/67:3	Pump, fuel leakage control	GN
4	54/3.2:4	Connector	BL-SB	6/67:1	Pump, fuel leakage control	BL-SB

54/35

4-pin gray

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

54/36

6-pin gray

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

Connectors

54/40C - 54/53

54/40C 2-pin black

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

54/53 4-pin gray

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

Connectors

54/54 - 54/57.1

54/54 8-pin gray

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

54/57.1 8-pin gray, Diesel

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

Connectors

54/74 - 54/106

54/74 4-pin gray

No.	Passenger compartment harness			Harness, Differential Electronic Module (DEM)		
1	53/85 4/56D:47 54/3.1:12	Branching point Central Electronic Module (CEM) Connector	GN	4/82:7	Differential Electronic Module (DEM)	GN
2	4/58A:14	Rear Electronic Module (REM)	BL	4/82:1	Differential Electronic Module (DEM)	BL-R
3	53/84 4/56D:32 54/3.1:11	Branching point Central Electronic Module (CEM) Connector	W	4/82:8	Differential Electronic Module (DEM)	W
4	31/46	Ground connection, rear left seat riser	SB	4/82:2 4/82:4	Differential Electronic Module (DEM) Differential Electronic Module (DEM)	BN SB

54/100 2-pin black

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

54/106 4-pin gray

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

Connectors

54/107 - 54/132

54/107

10-pin gray

No.	Passenger compartment harness			Rear Four-C harness		
1	4/84A:5	Suspension Module (SUM)	GN-GR	8/23:1	Shock absorber, Four-C, rear right	GN-GR
2	4/84A:4	Suspension Module (SUM)	W	8/23:2	Shock absorber, Four-C, rear right	W
3	4/84A:23	Suspension Module (SUM)	GR	7/120:1 7/121:1	Rear left angle sensor, Four-C/Bi-Xenon Rear right 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	Branching 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	Branching point	VO-W	53/458	Branching point	R
2	3/112A:12 54/24:4	Climate Control Module (CCM) Connector	GN-W	53/461	Branching point	GN-Y
3	3/112A:5	Climate Control Module (CCM)	VO	7/41:4	Temperature sensor, evaporator	VO
4	3/112A:13	Climate Control Module (CCM)	BN	7/41:3	Temperature sensor, evaporator	BN
5	3/112A:7 54/25:4	Climate Control Module (CCM) Connector	GN-W GN-W	53/460 6/96:2	Branching point Damper Motor Module (DMM), right-hand side, RHD	Y
6	53/438	Branching point	BN	53/459	Branching 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	53/1300	Branching point	BL
2	54/1400:2	Connector	GN	7/207:2	Parking assistance sensor, front	GN
3	54/1400:3	Connector	VO	7/206:2	Parking assistance sensor, front	VO
4	54/1400:4	Connector	Y	7/205:2	Parking assistance sensor, front	Y
5	54/1400:5	Connector	W	7/204:2	Parking assistance sensor, front	W
6	54/1400:6	Connector	SB	53/1301	Branching point	SB

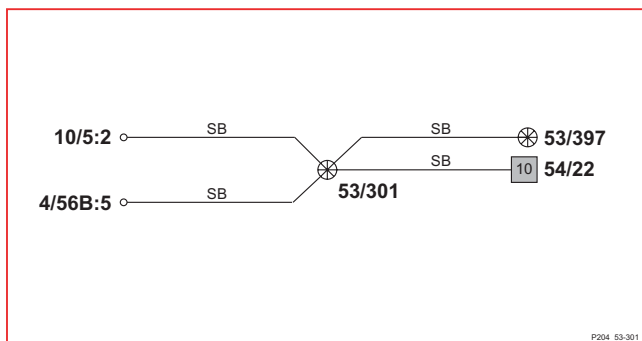
54/1400 6-pin gray

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

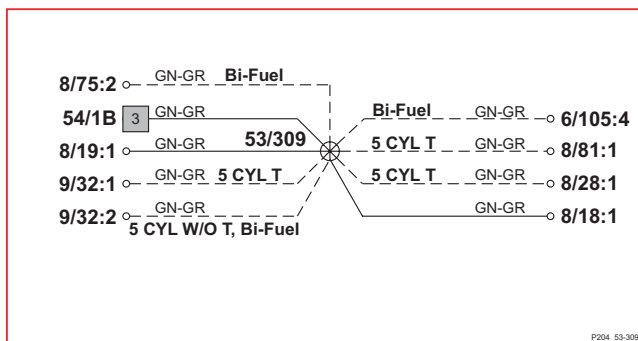
Branching points

53/301 - 53/324

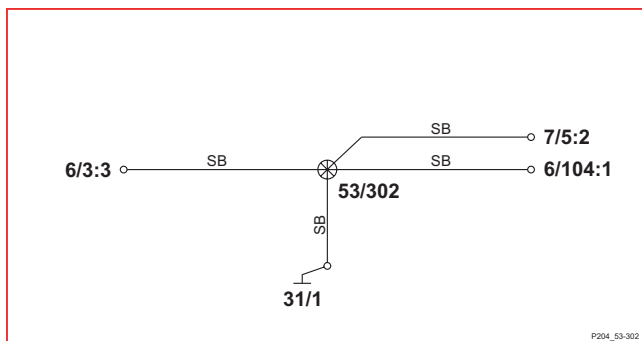
53/301



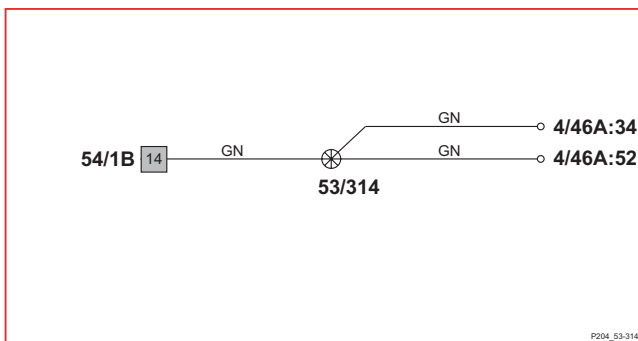
53/309



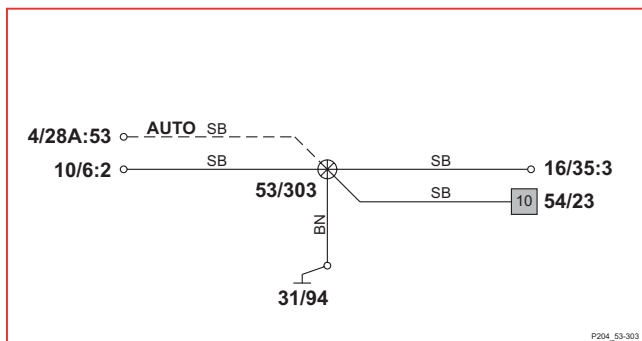
53/302



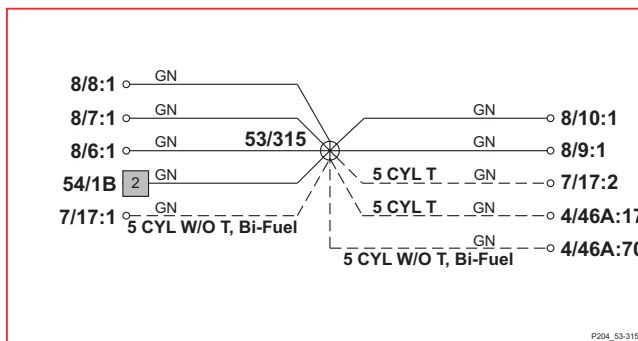
53/314 5-cyl. not turbo



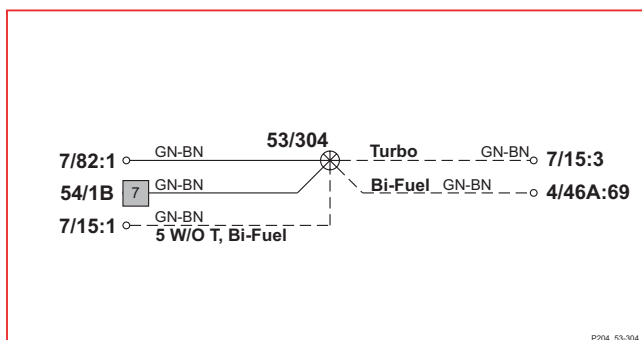
53 /303



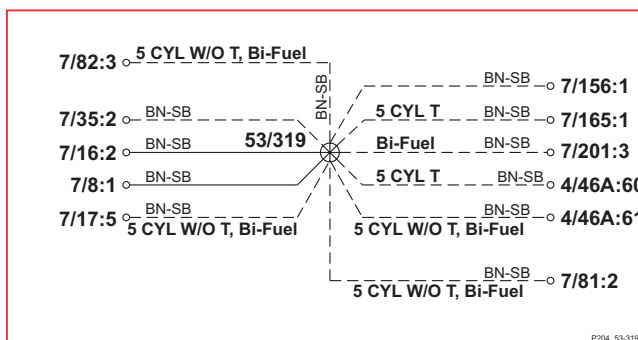
53/315



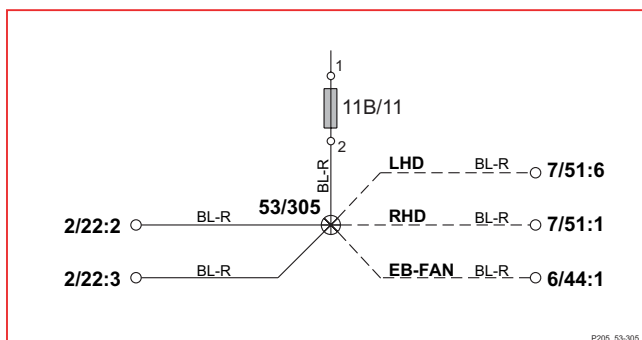
53/304



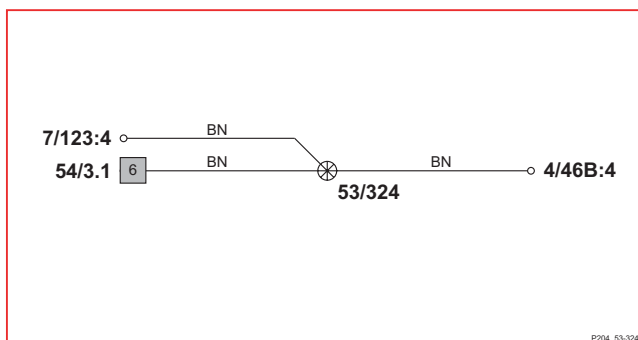
53/319



53/305



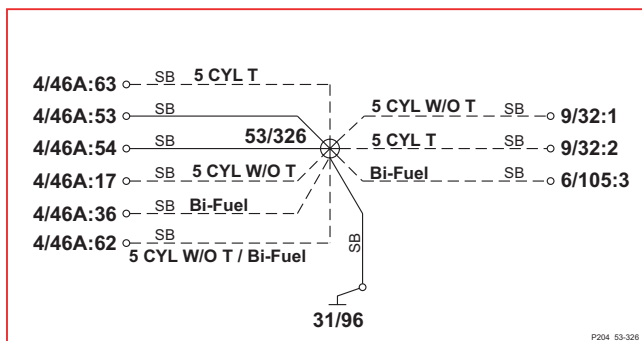
53/324



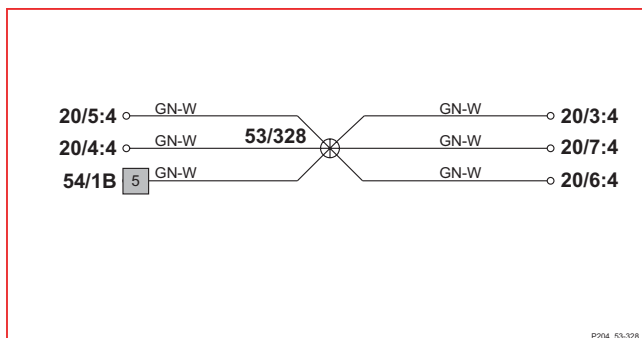
Branching points

53/326 - 53/355

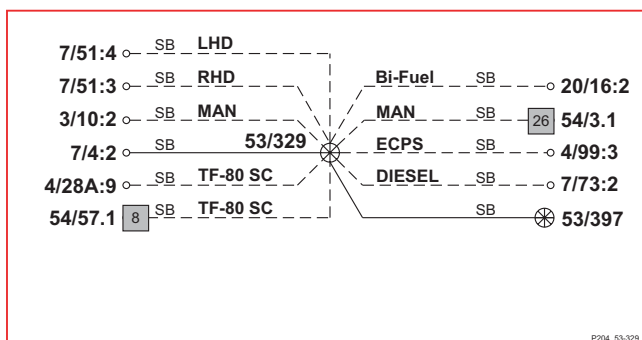
53/326



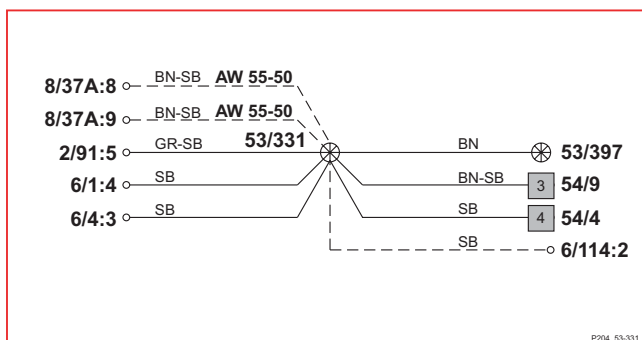
53/328



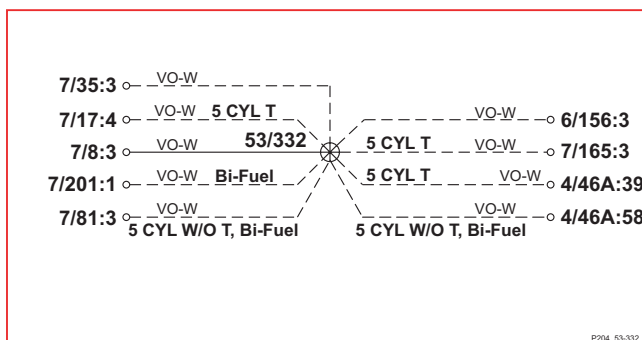
53/329



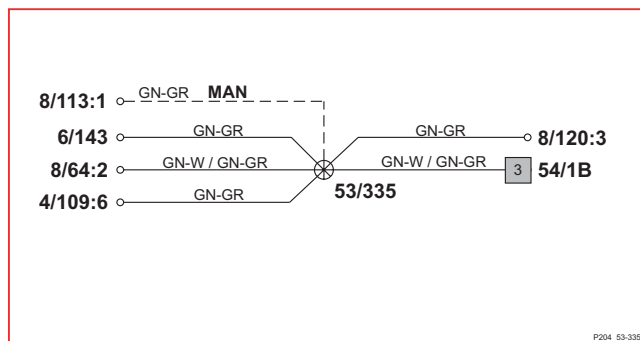
53/331



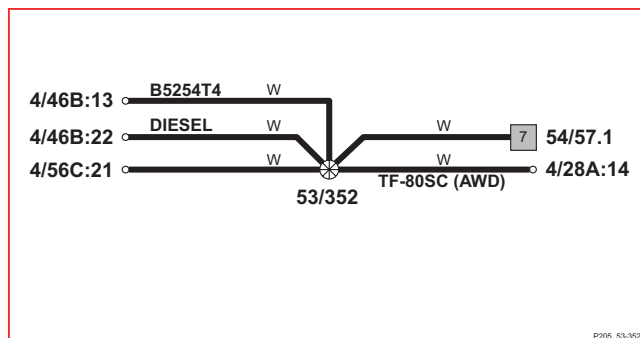
53/332



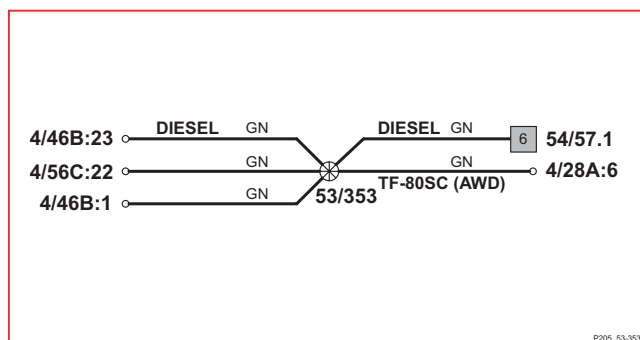
53/335 DIESEL



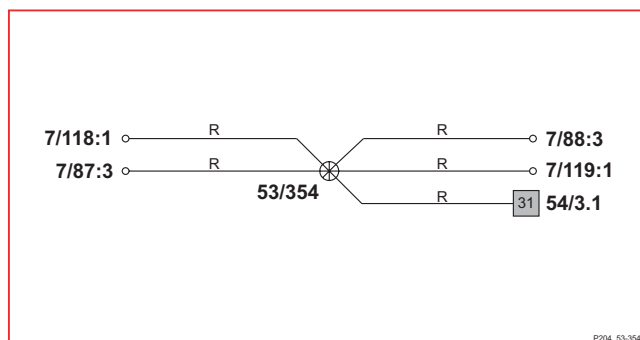
53/352



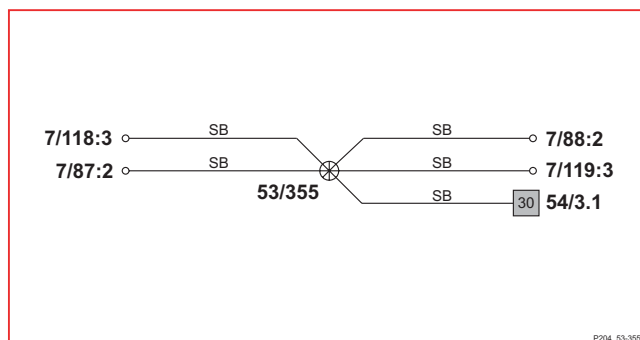
53/353



53/354 SUM

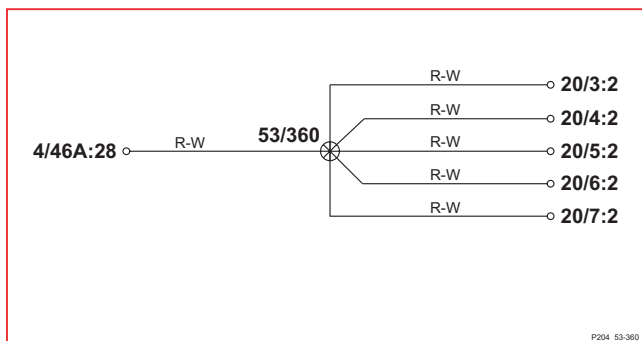


53/355 SUM

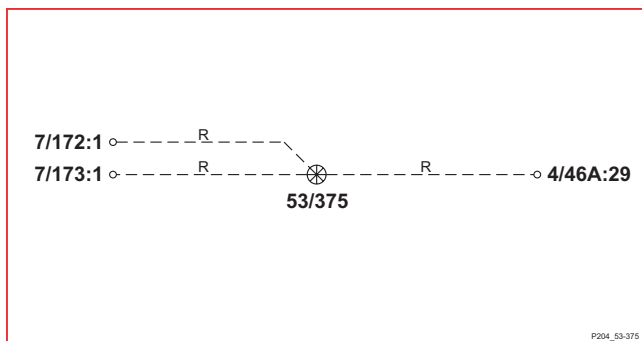


Branching points 53/360 - 53/399

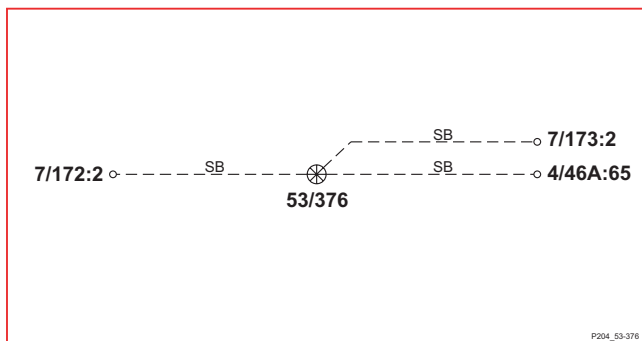
53/360 5-cyl. not turbo



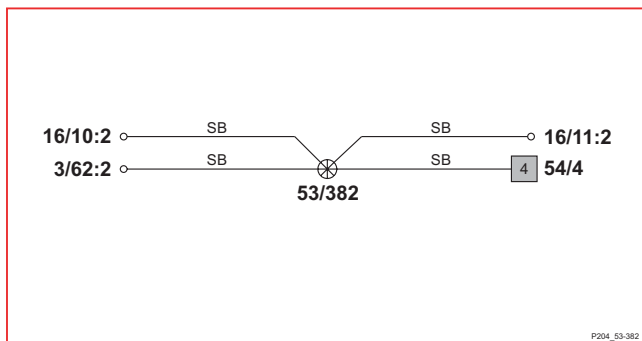
53/375



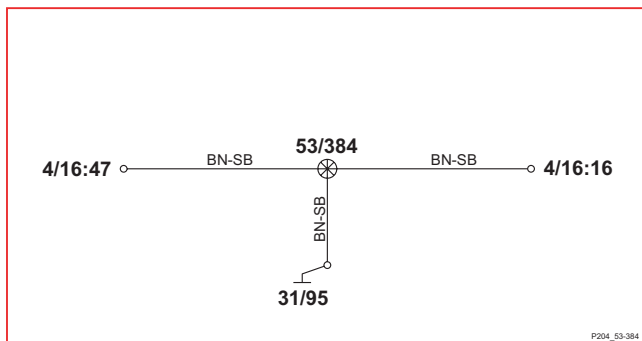
53/376



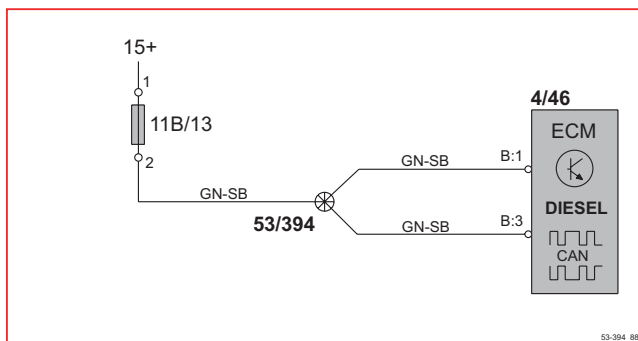
53/382



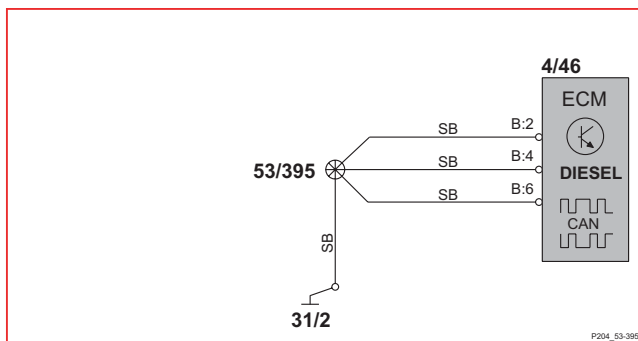
53/384



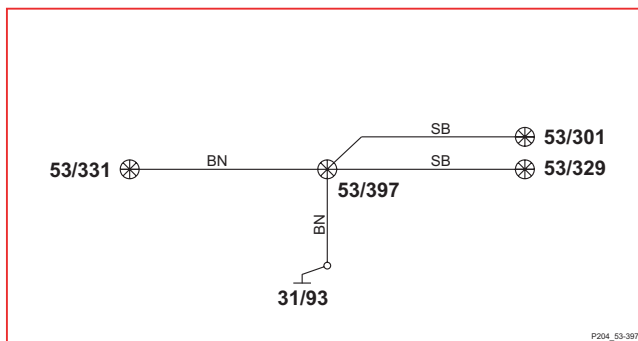
53/394



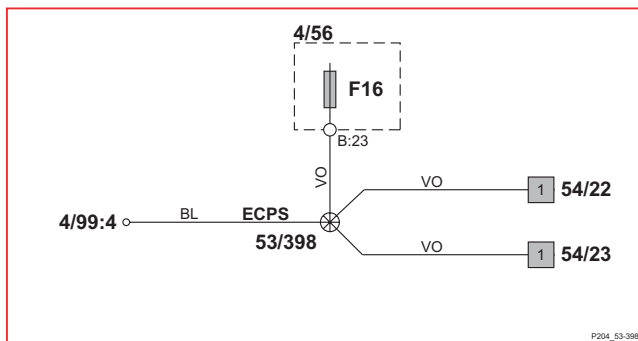
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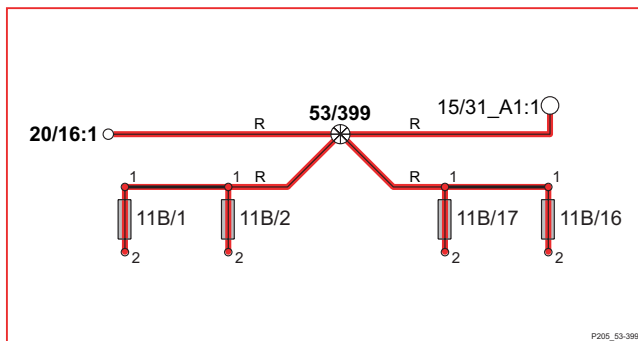
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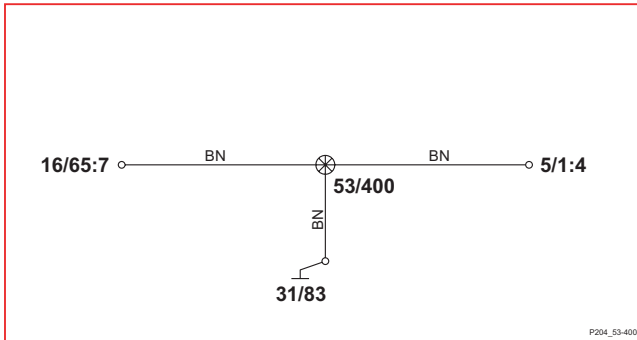


53/399 Bi-Fuel

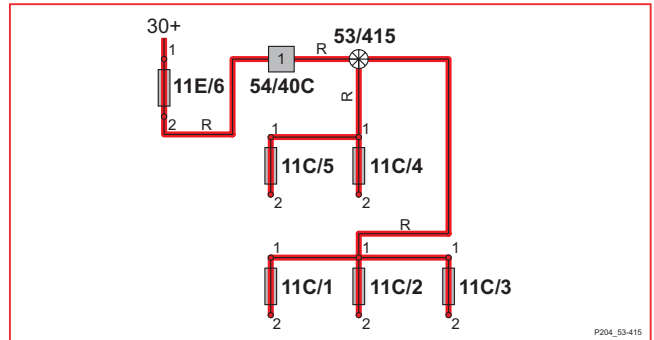


Branching points 53/400 - 53/431

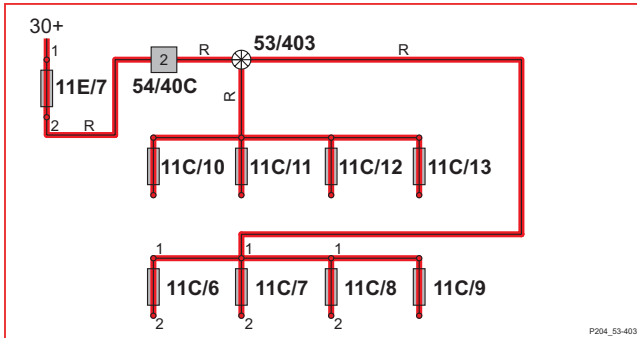
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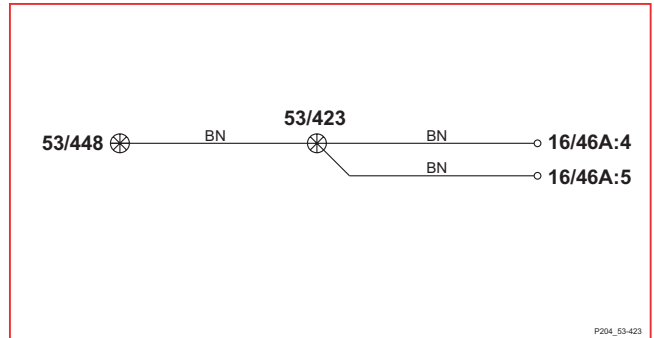
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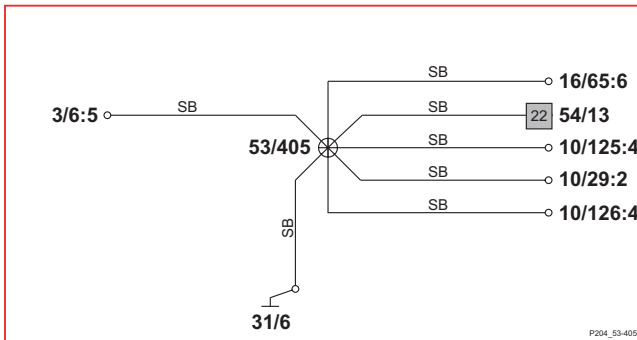
53/403



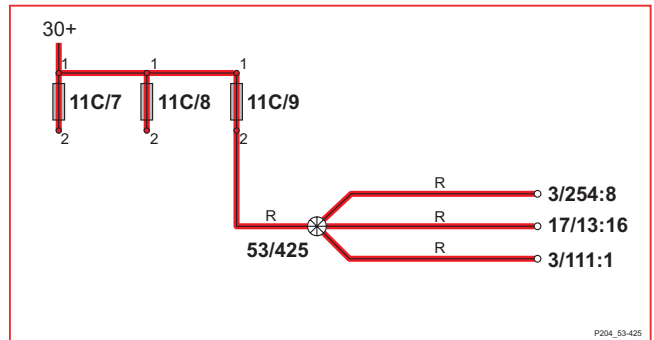
53/423 RTI



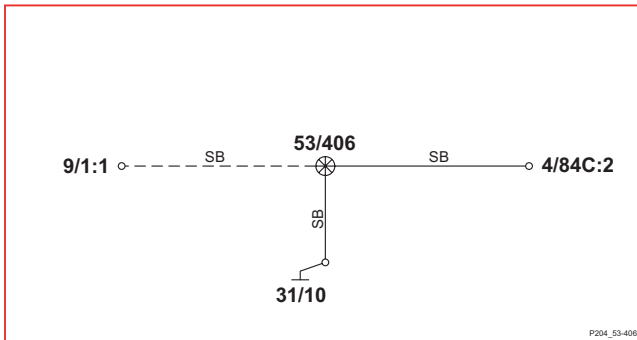
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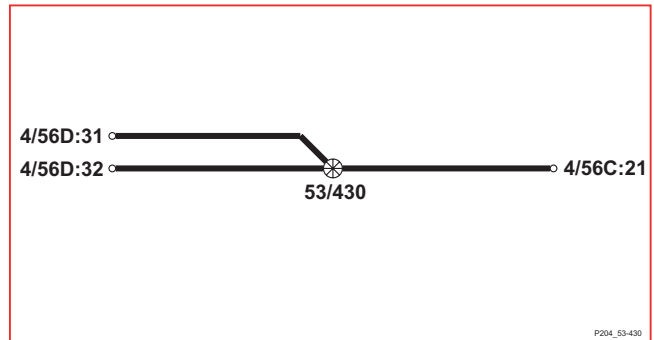
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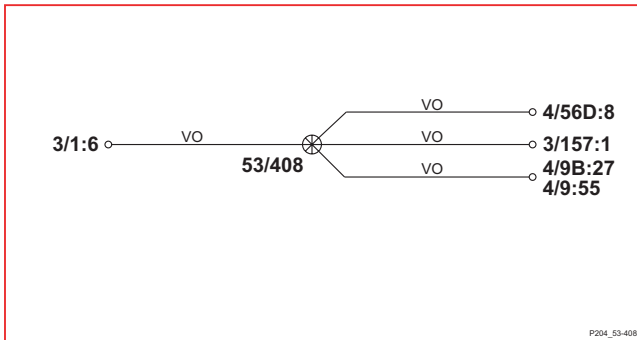
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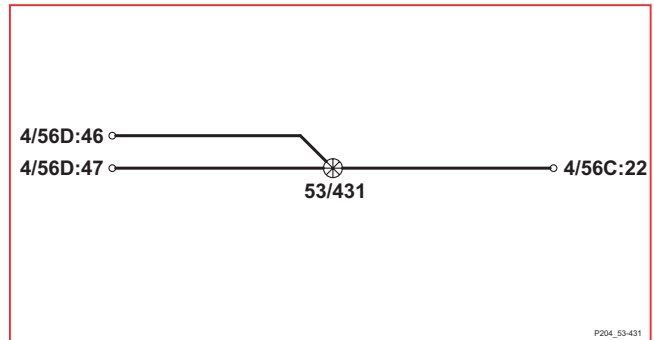
53/430



53/408

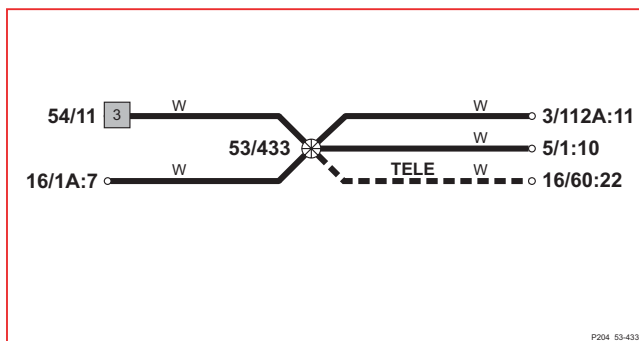


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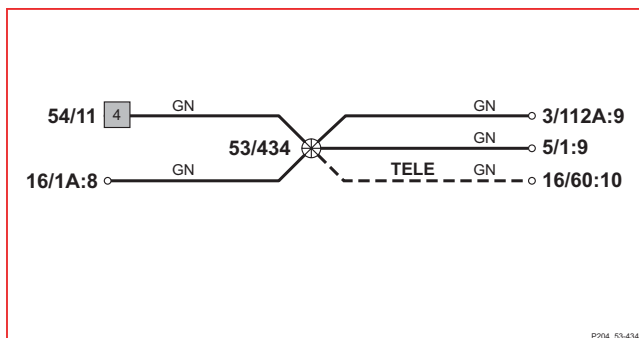


Branching points 53/433 - 53/459

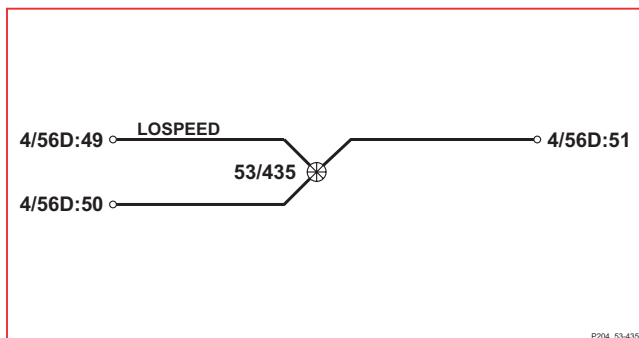
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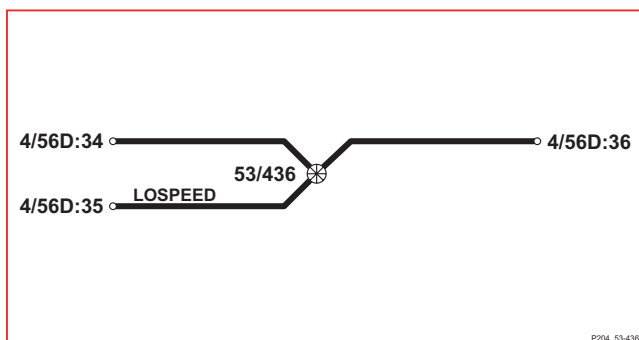
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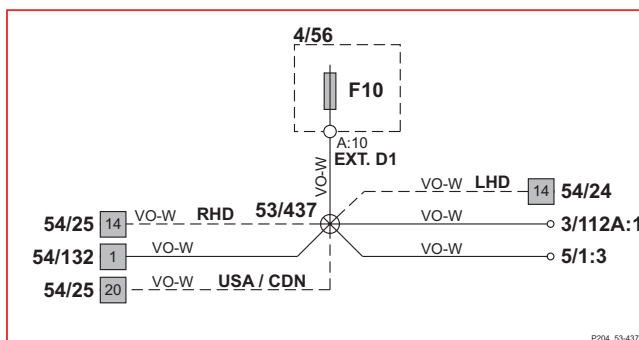
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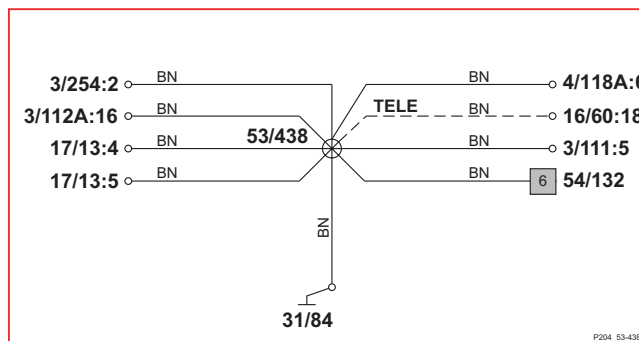
53/436



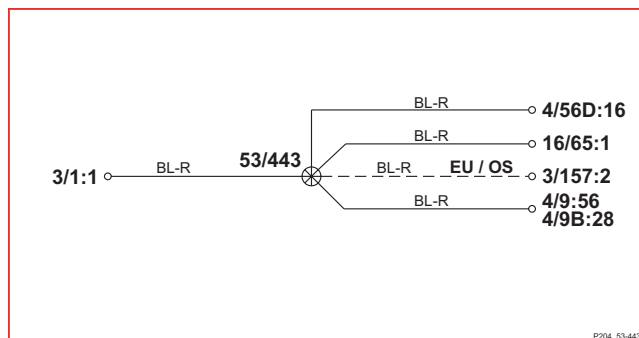
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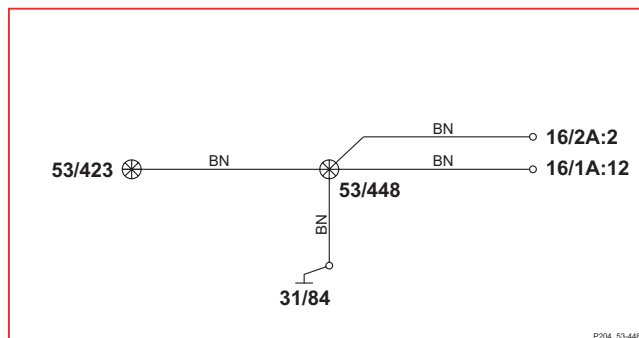
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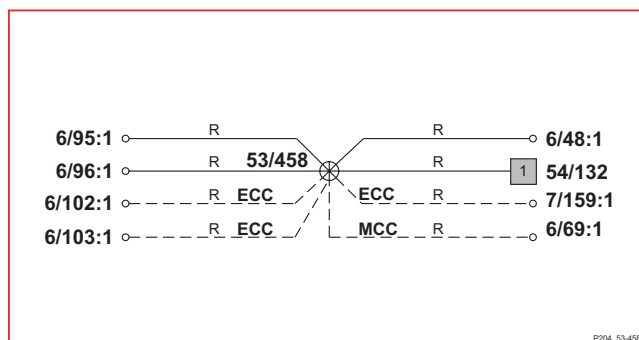
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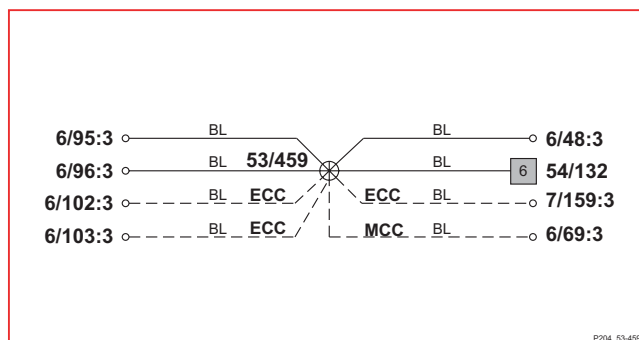
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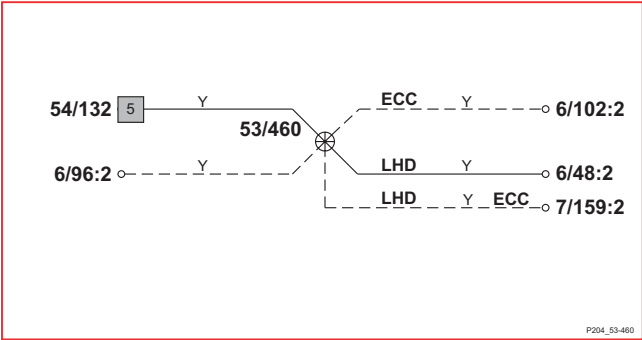
53/459



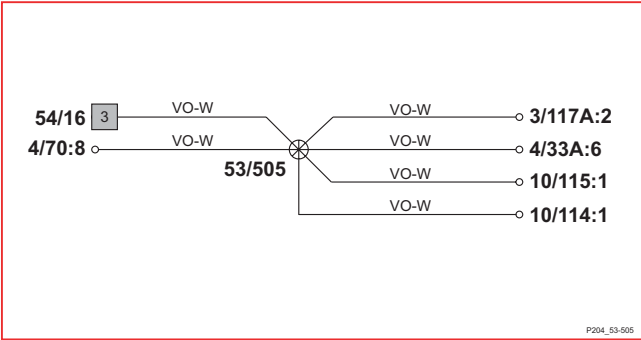
Branching points

53/460 - 53/517

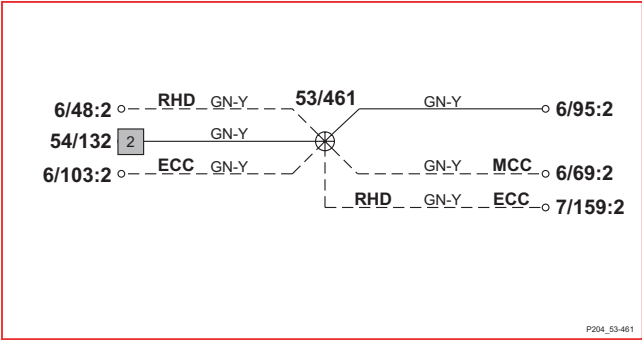
53/460



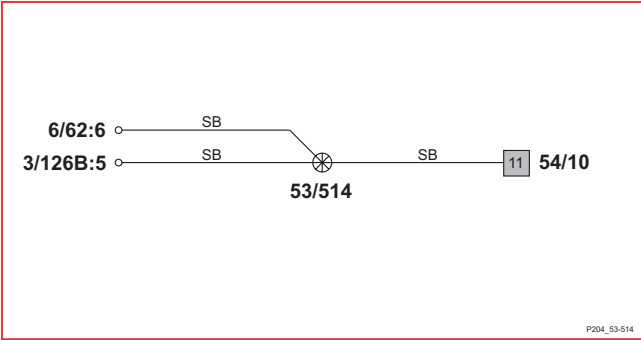
53/505



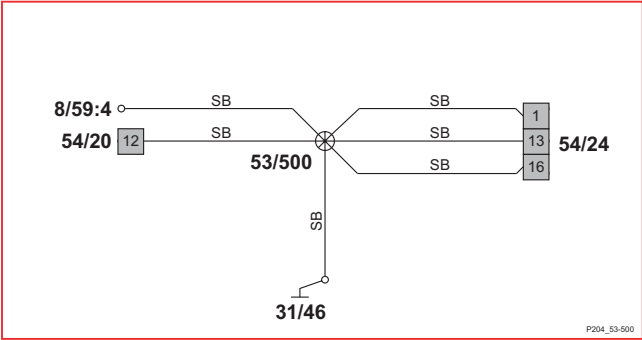
53/461



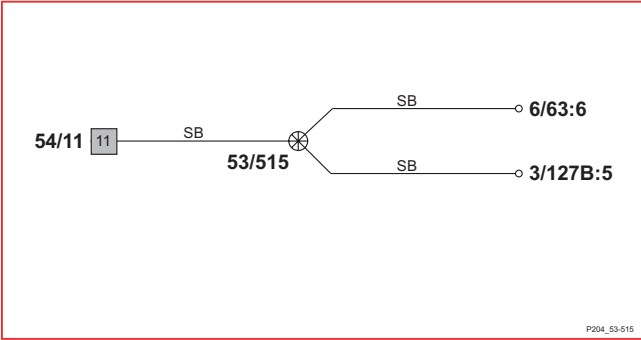
53/514



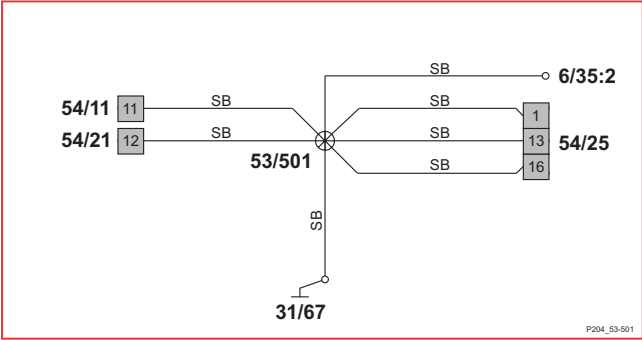
53/500



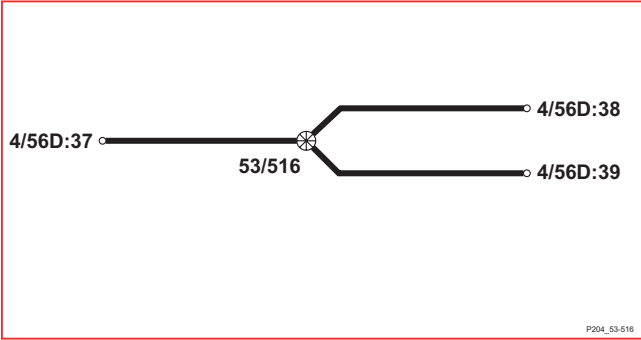
53/515



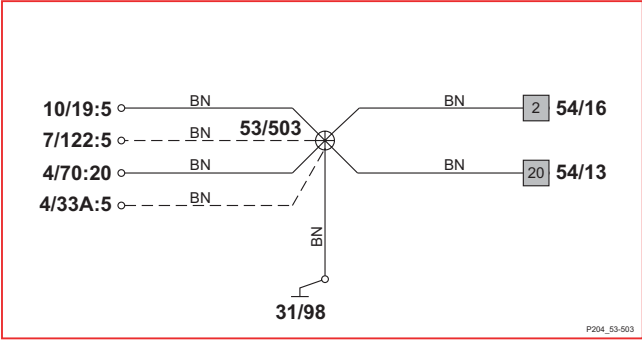
53/501



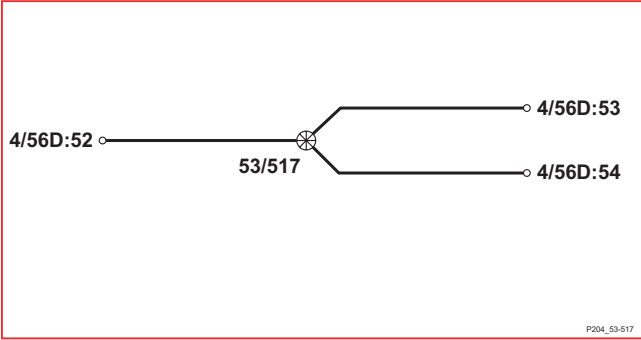
53/516



53/503

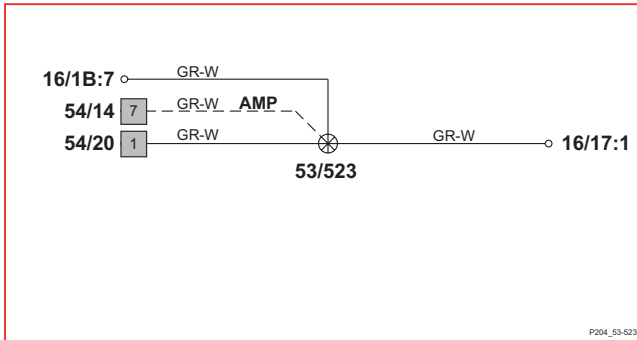


53/517

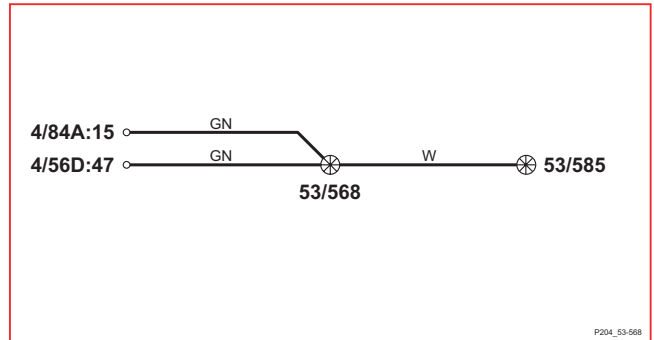


Branching points 53/523 - 53/579

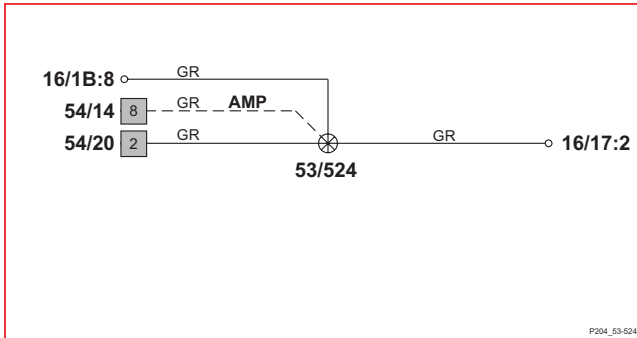
53/523



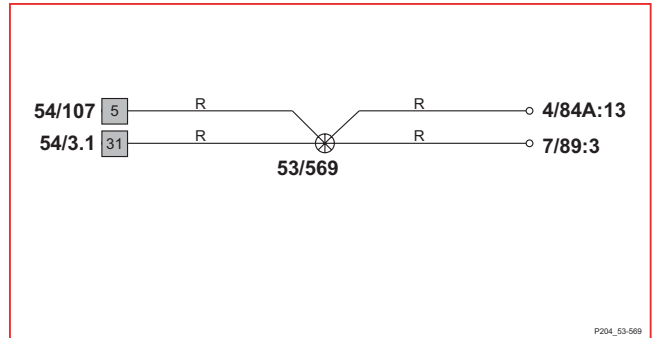
53/568 SUM



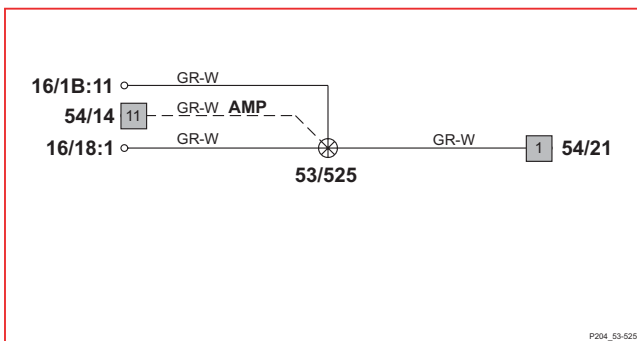
53/524



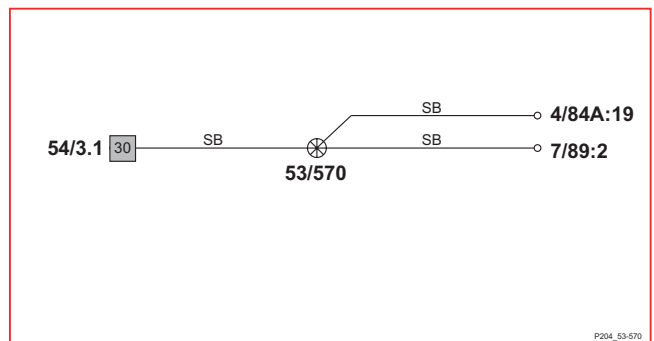
53/569



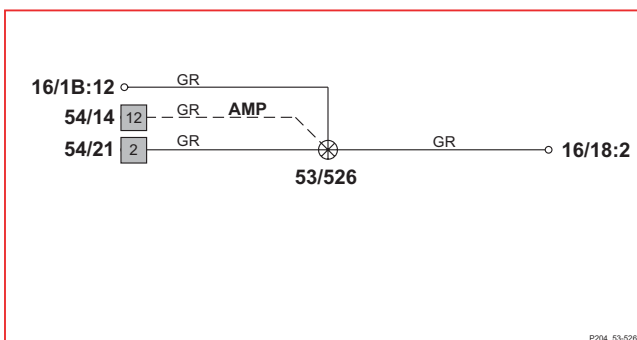
53/525



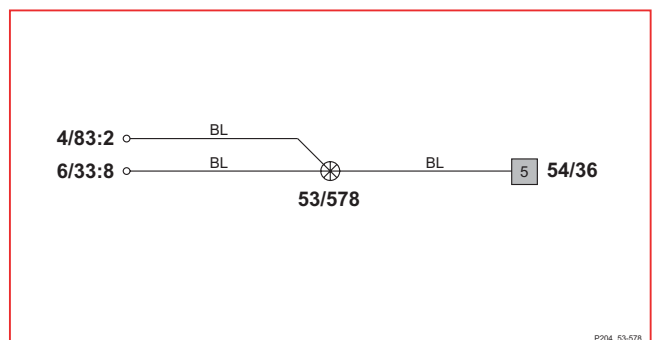
53/570



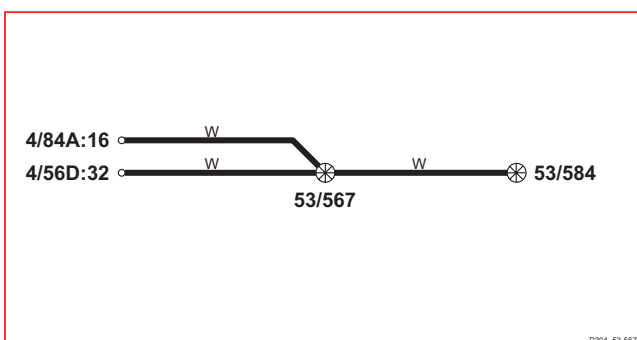
53/526



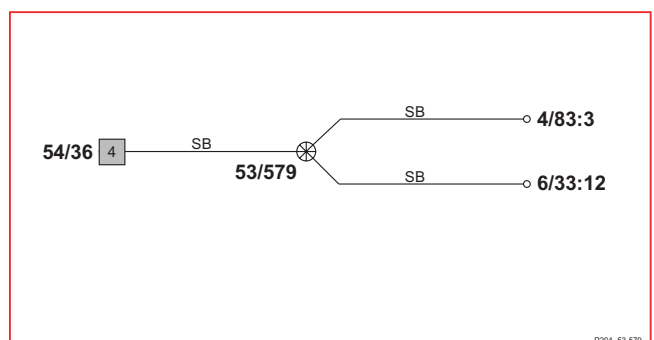
53/578



53/567 SUM



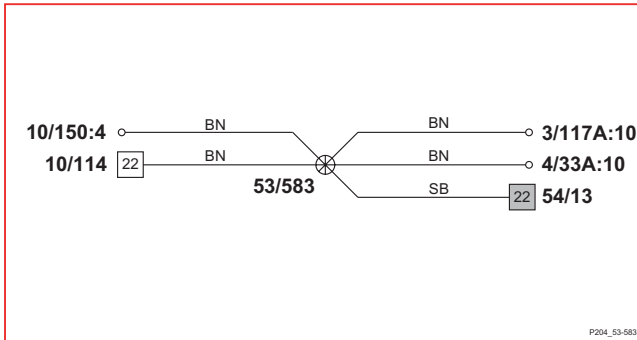
53/579



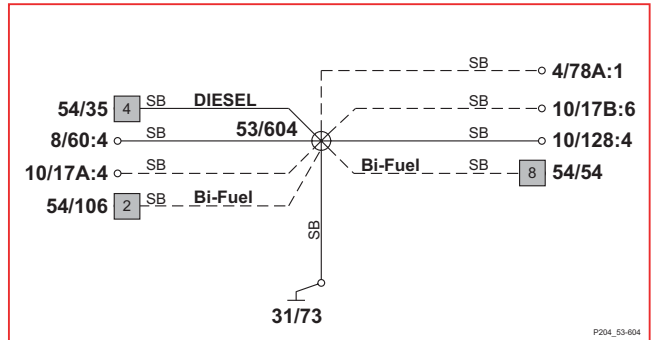
Branching points

53/583 - 53/734

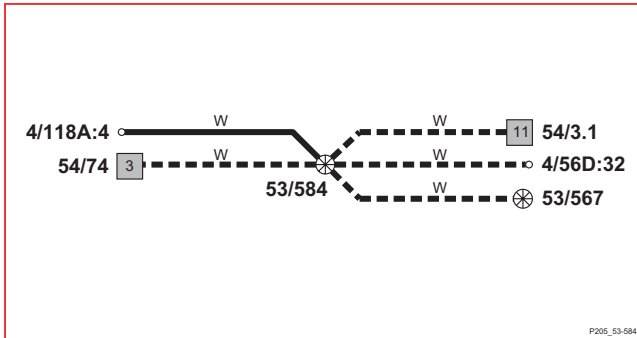
53/583



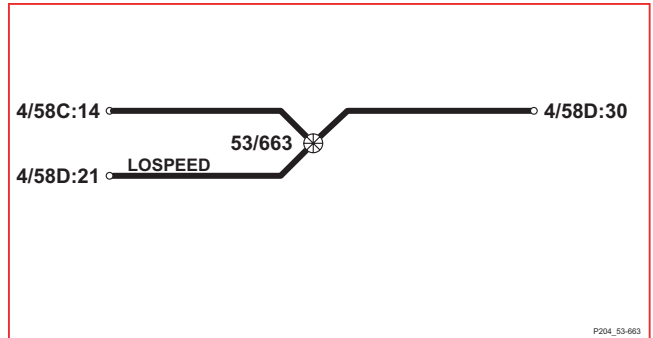
53/604



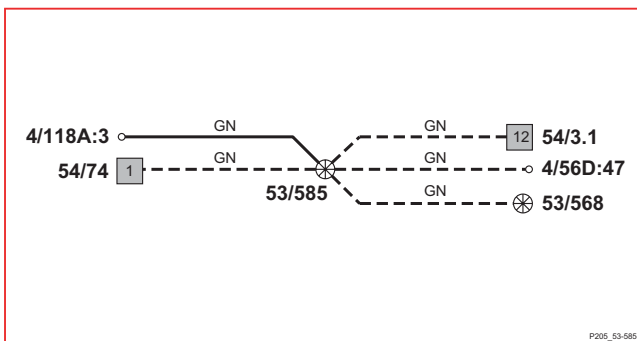
53/584



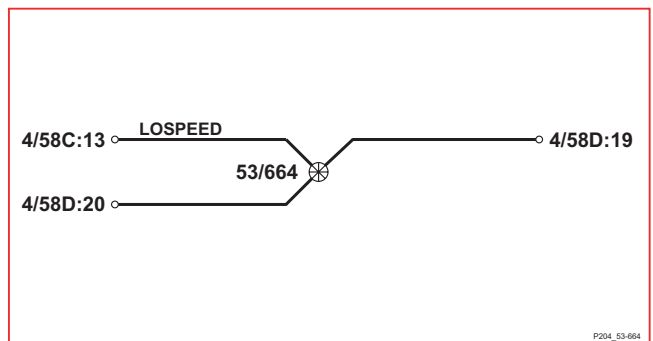
53/663



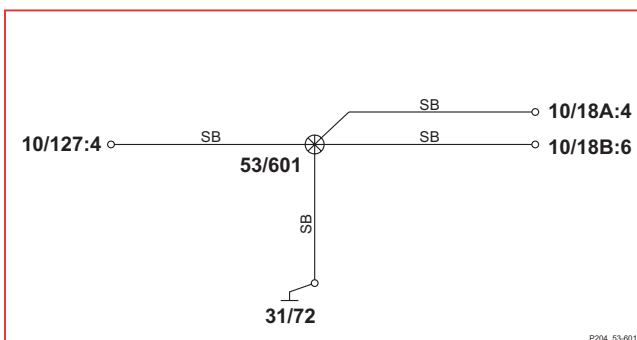
53/585



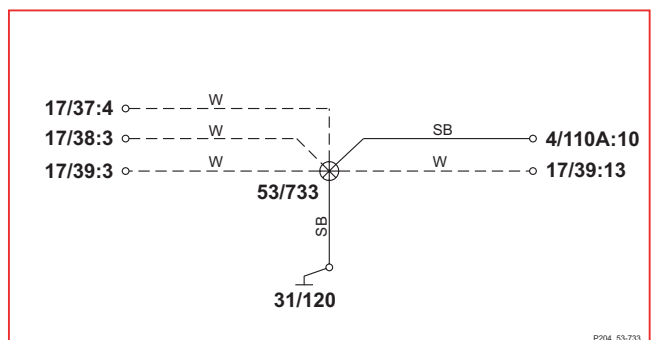
53/664



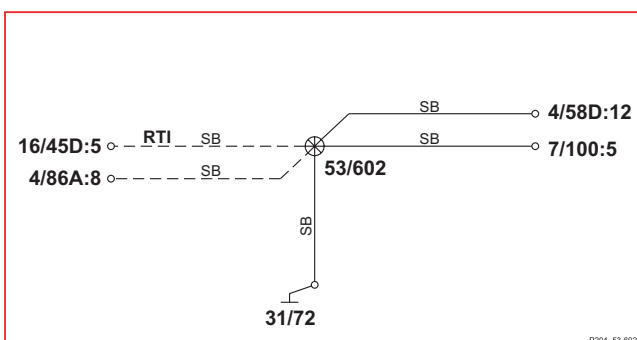
53/601



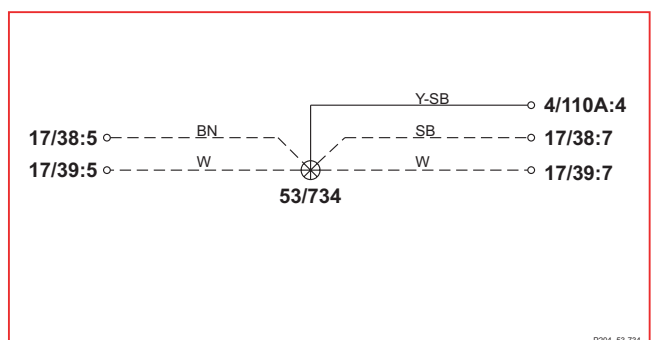
53/733



53/602



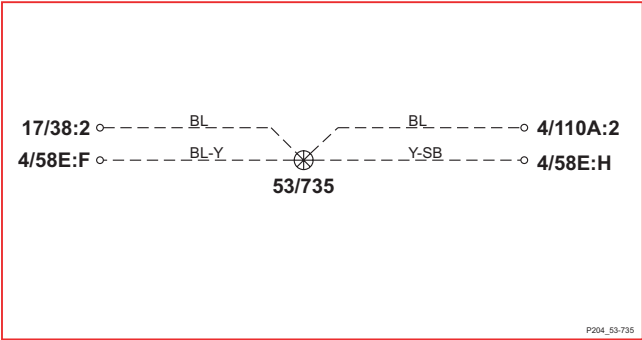
53/734



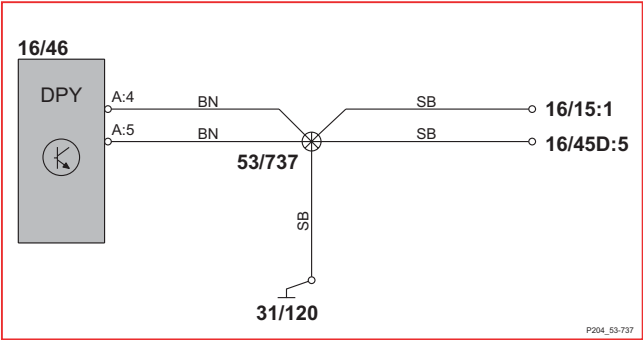
Branching points

53/735 - 53/737

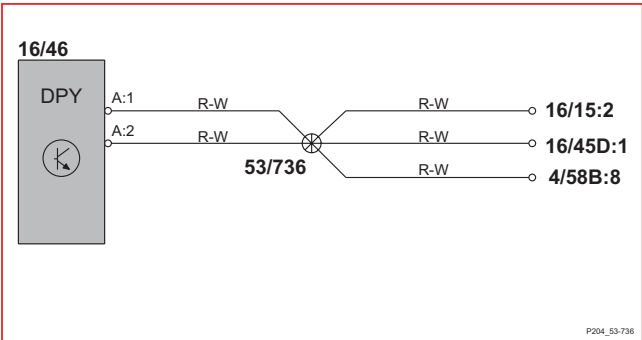
53/735



53/737

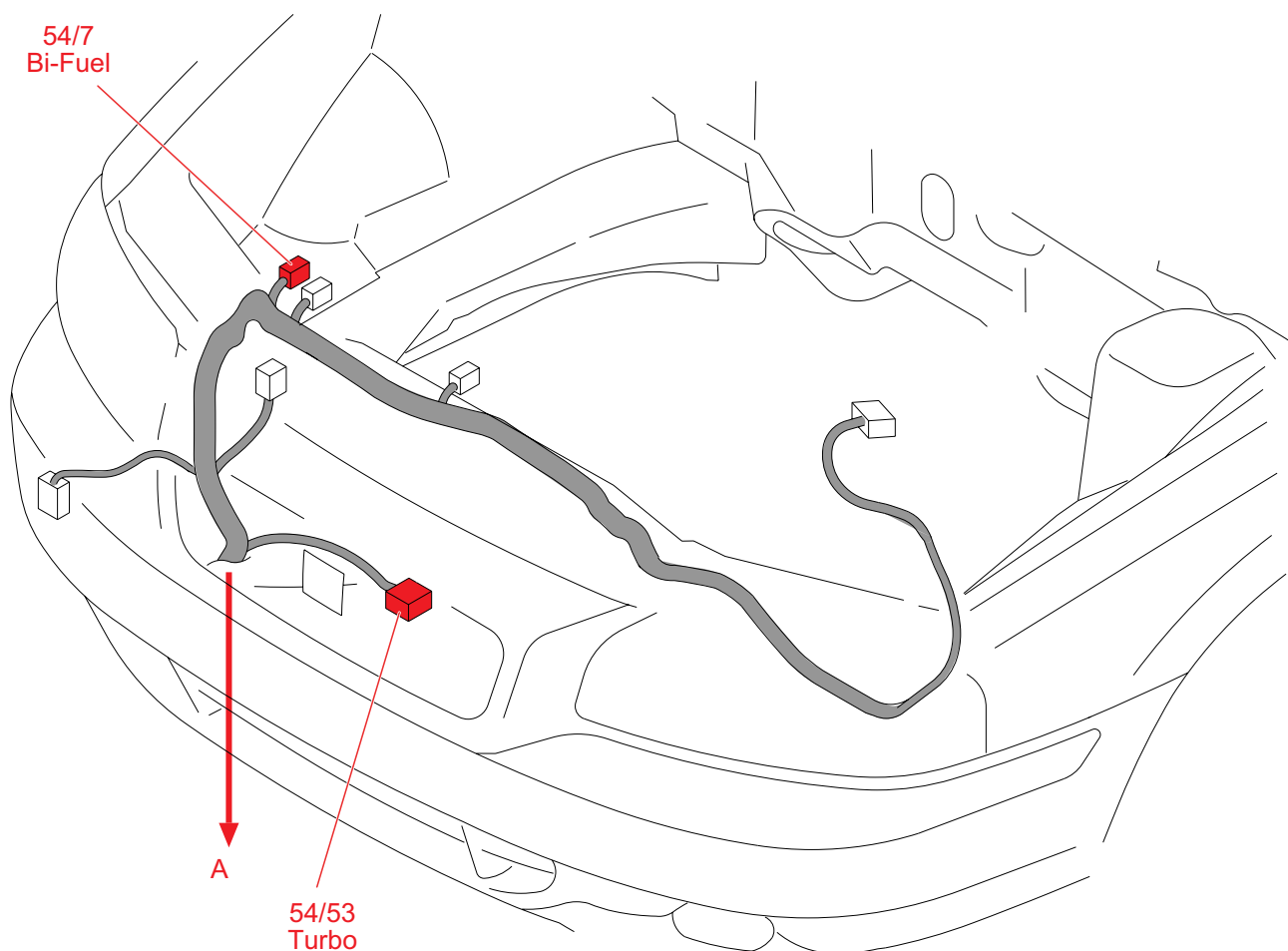
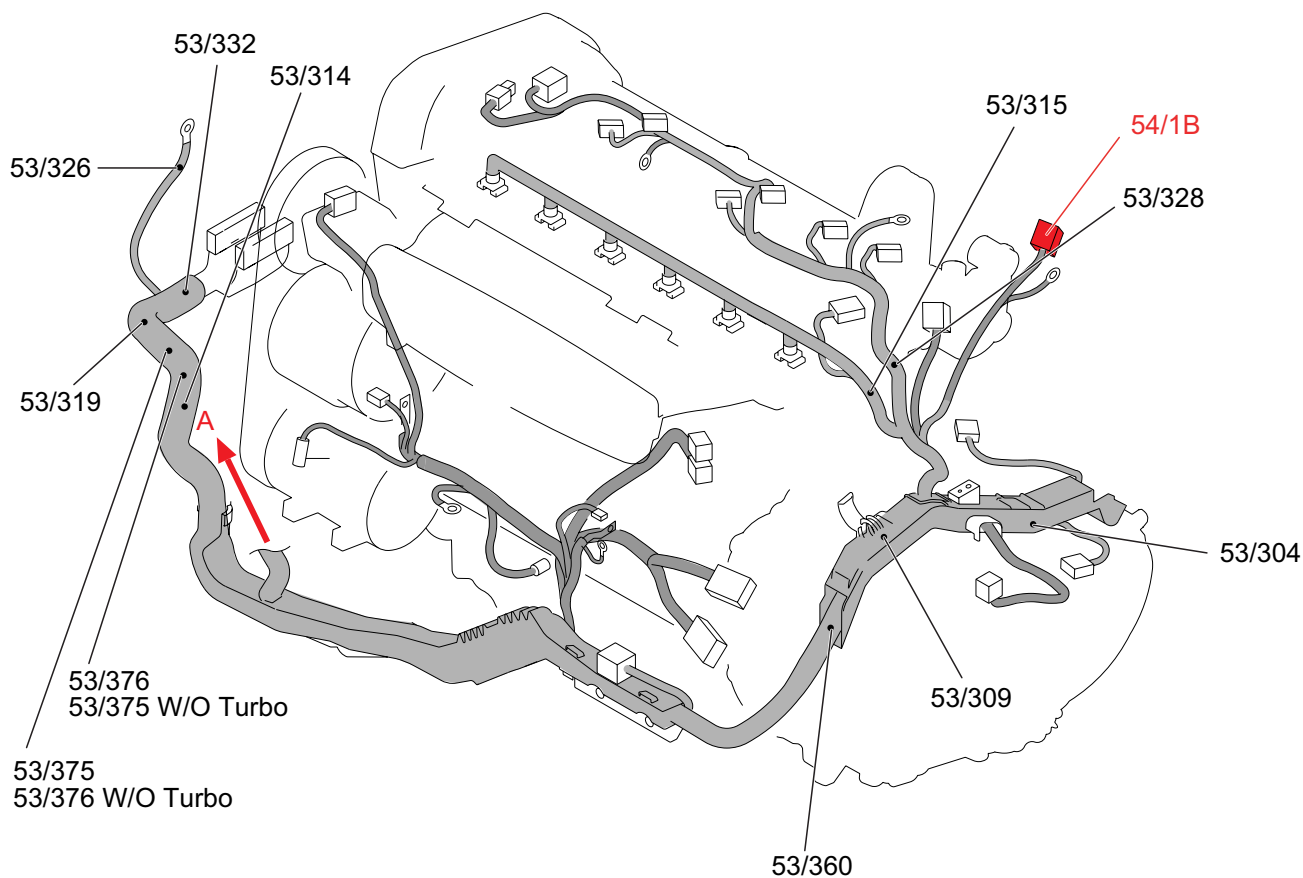


53/736

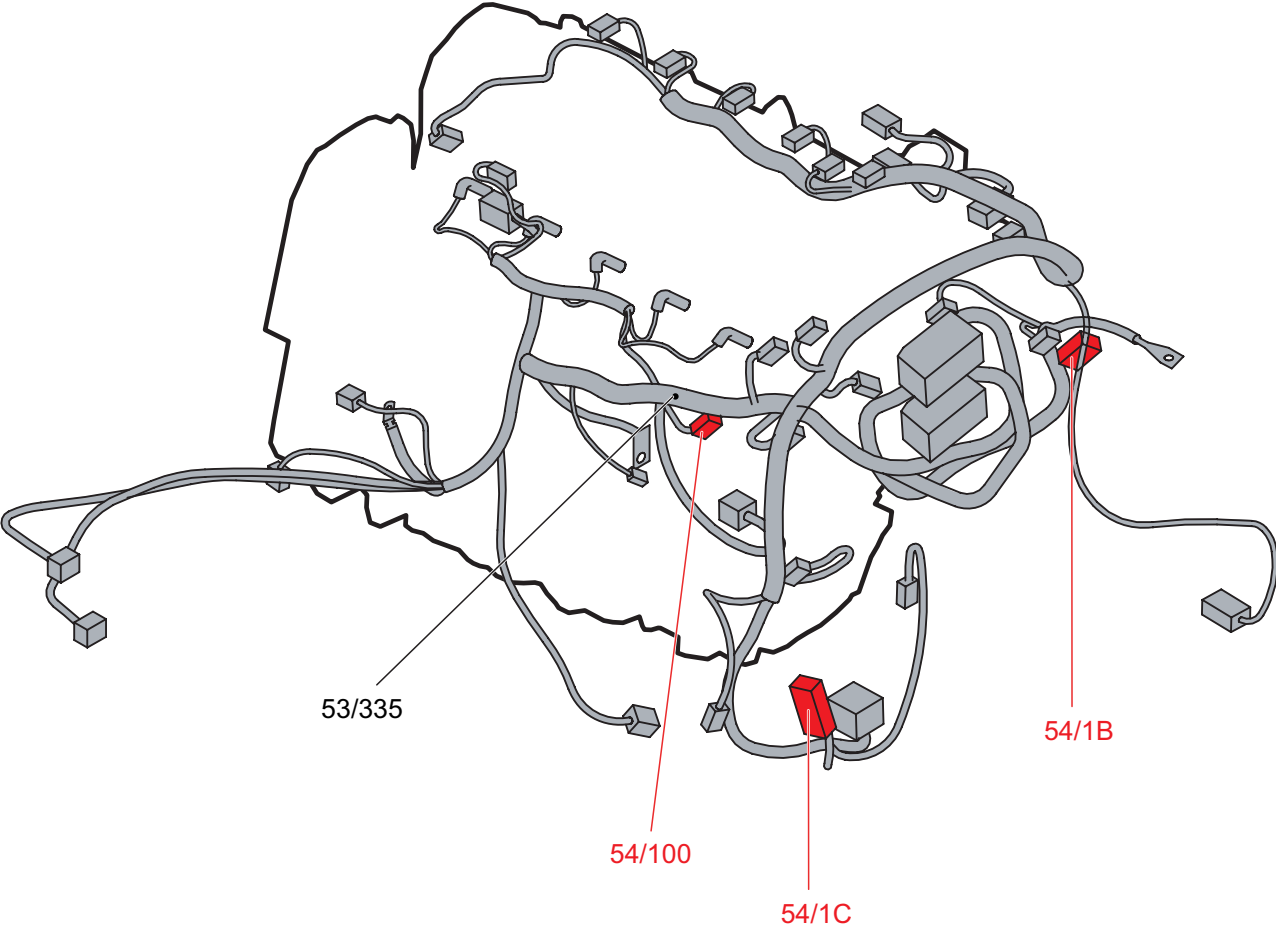


Cable harness routing in vehicle

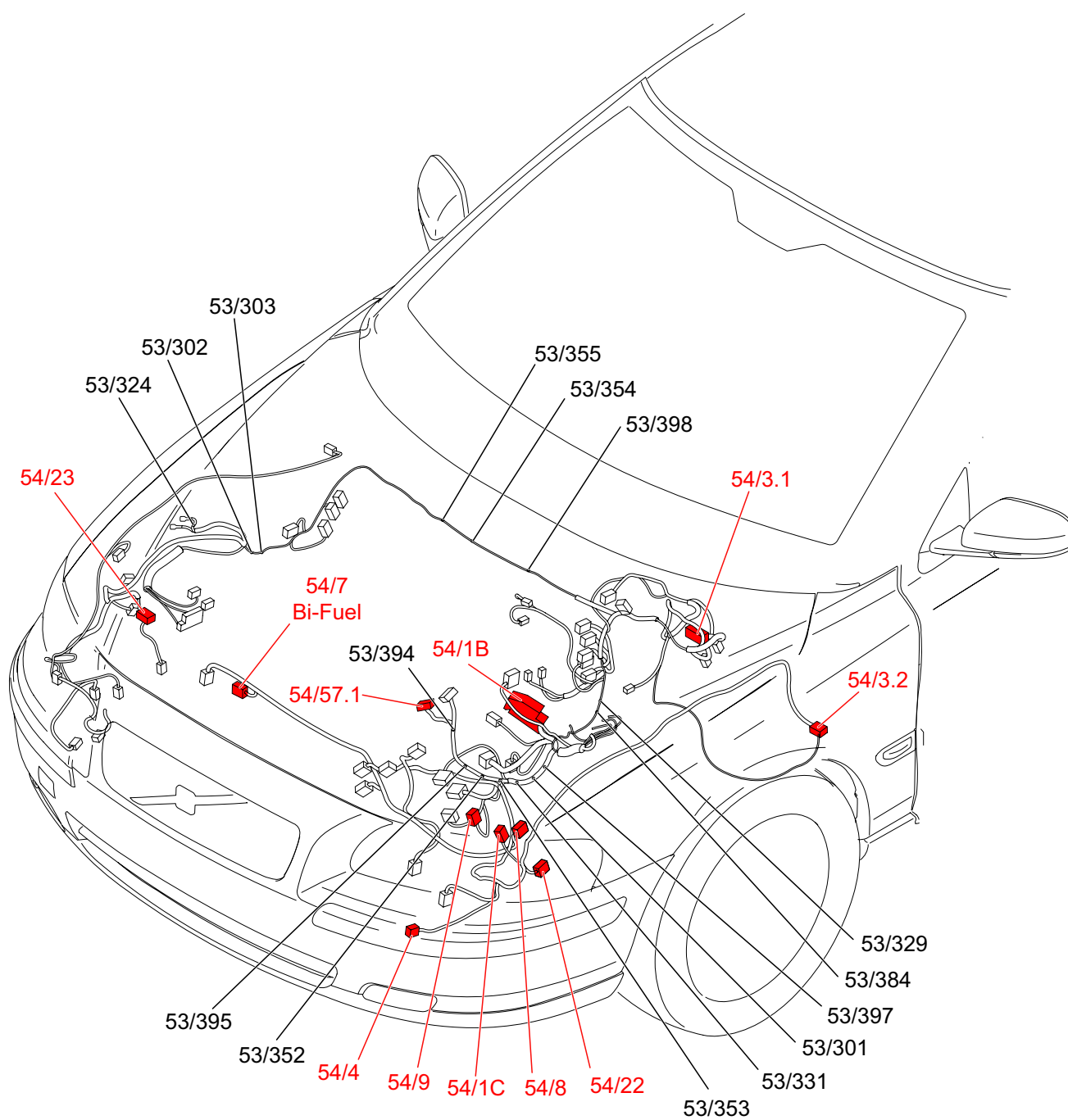
Engine harness, Gasoline



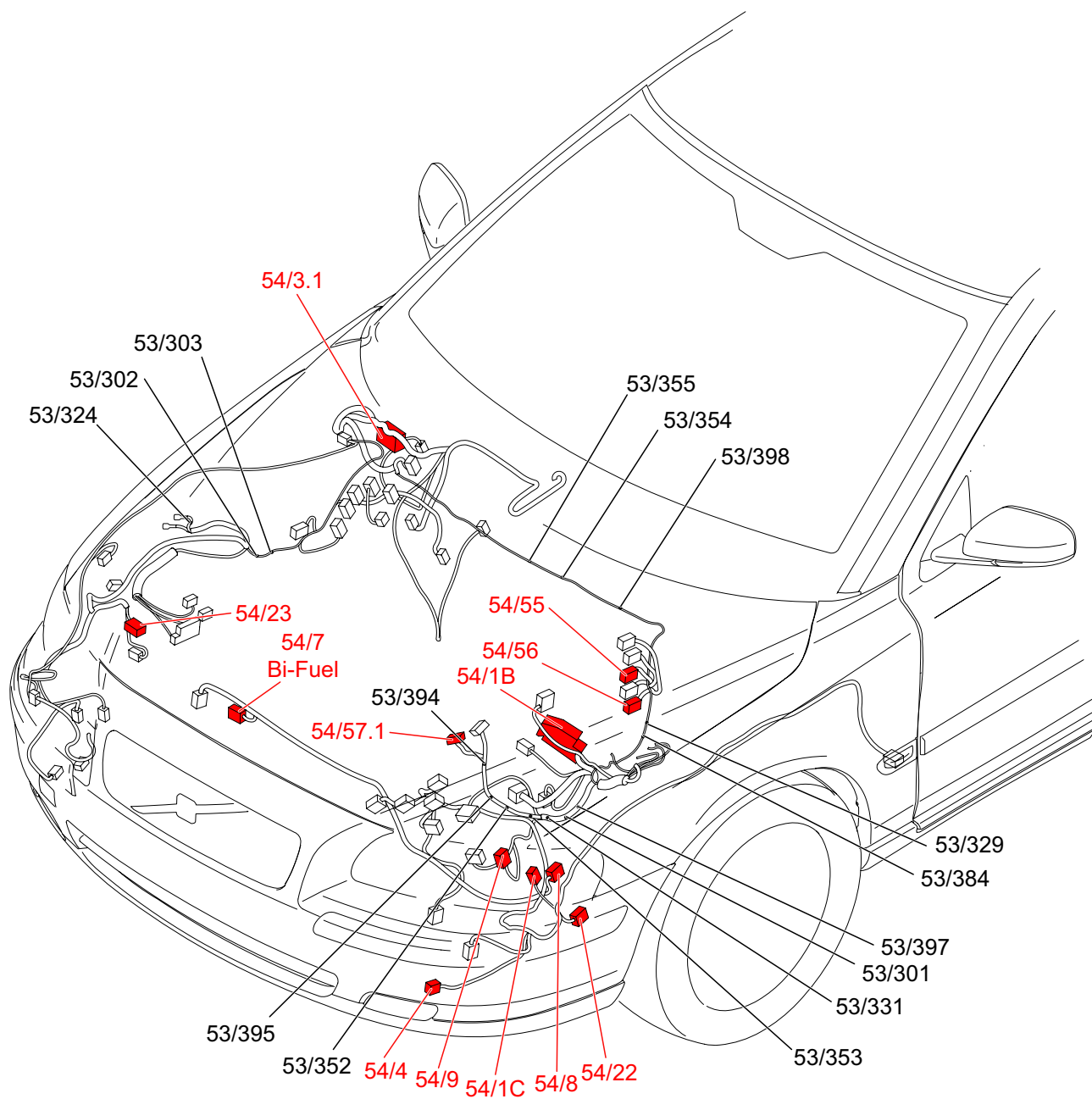
Cable harness routing in vehicle
Engine harness, Diesel



Cable harness routing in vehicle **Engine compartment harness, LHD**

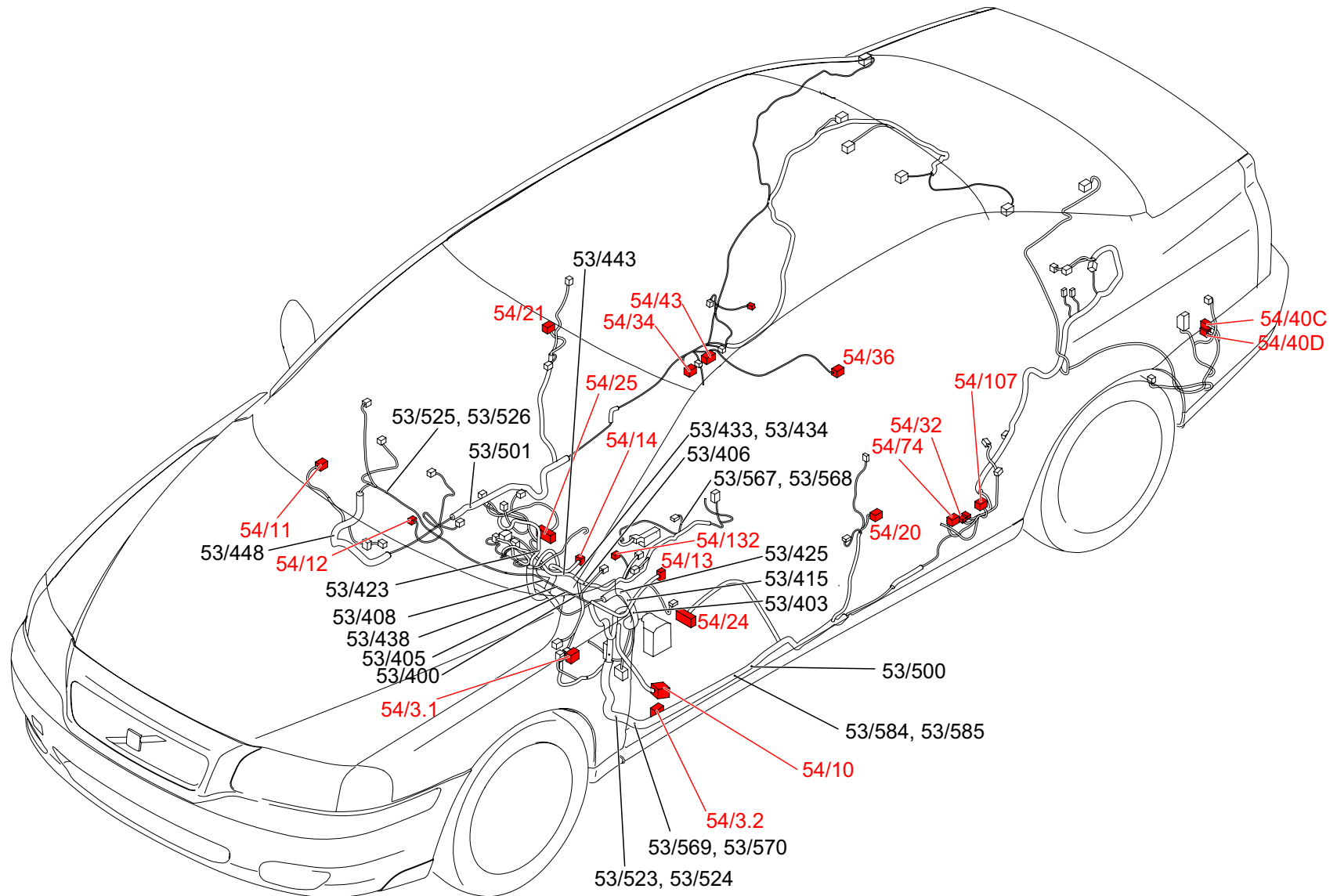


Cable harness routing in vehicle Engine compartment harness, RHD



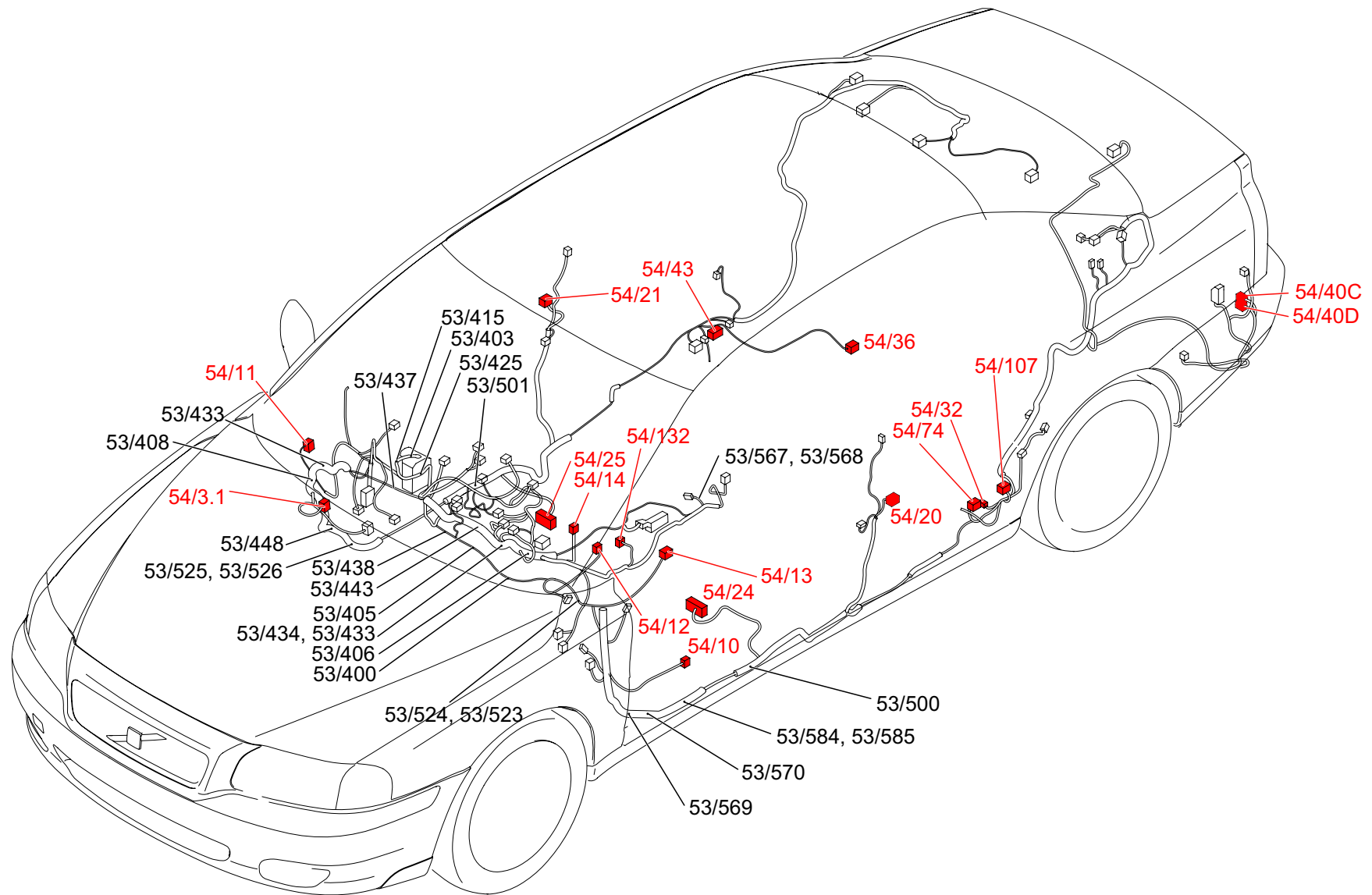
Cable harness routing in vehicle

Passenger compartment harness, LHD



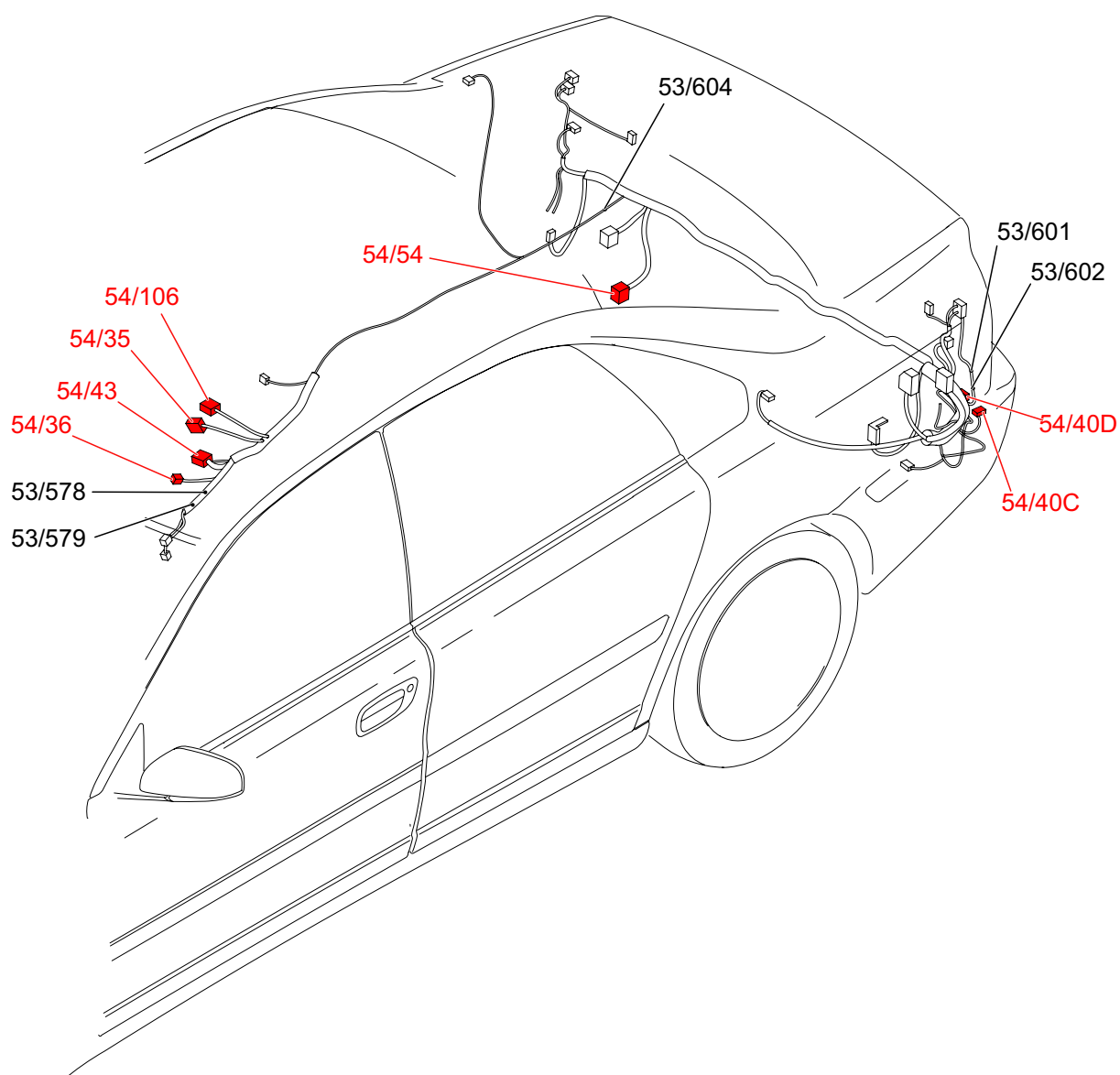
Cable harness routing in vehicle

Passenger compartment harness, RHD



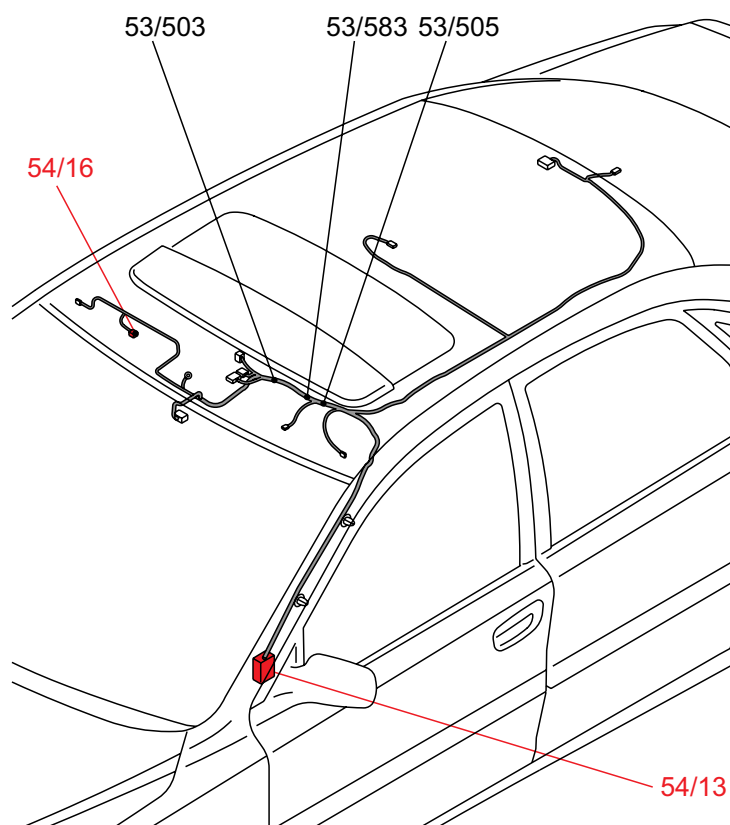
Cable harness routing in vehicle

Cargo compartment harness



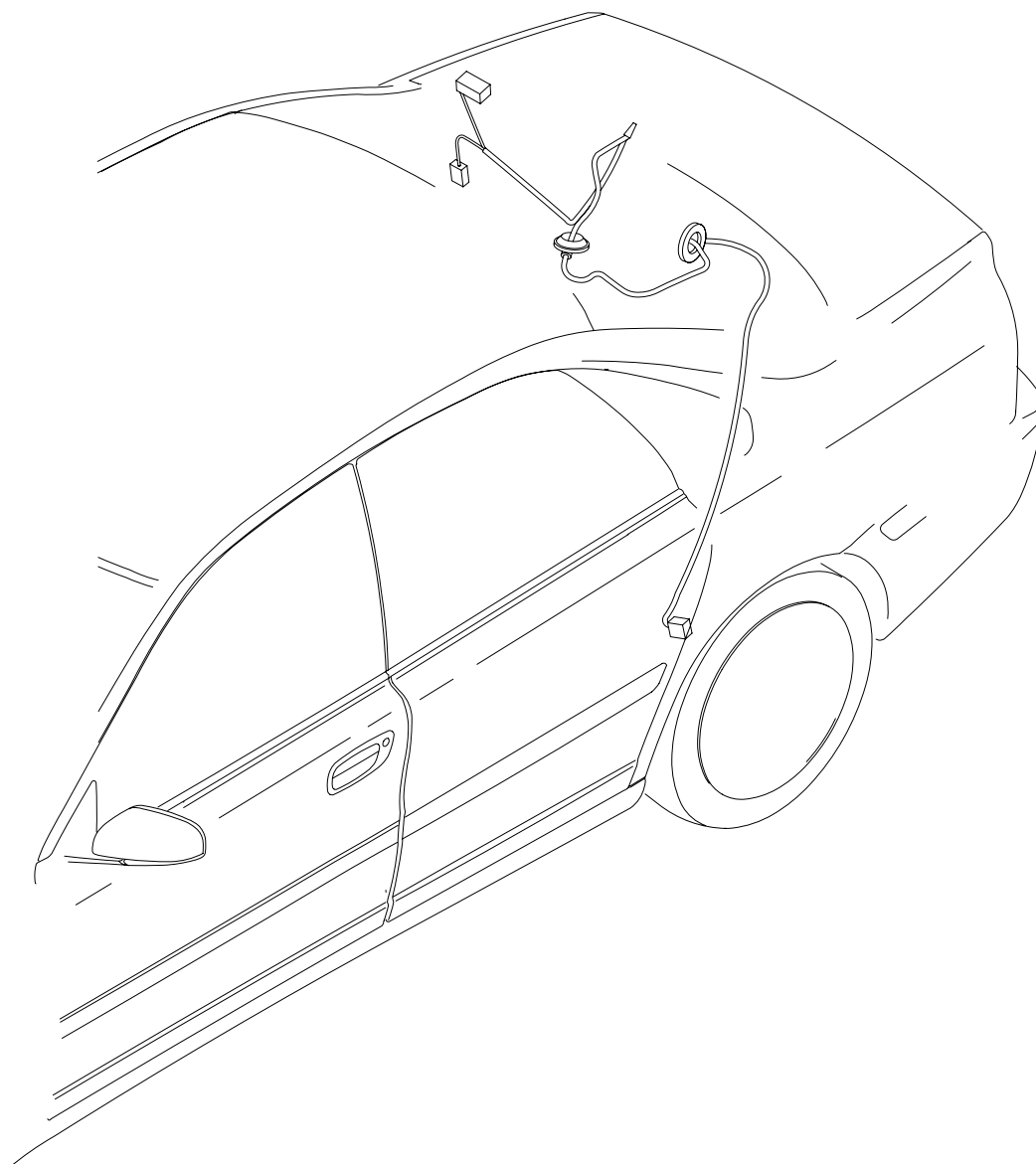
Cable harness routing in vehicle

Roof harness



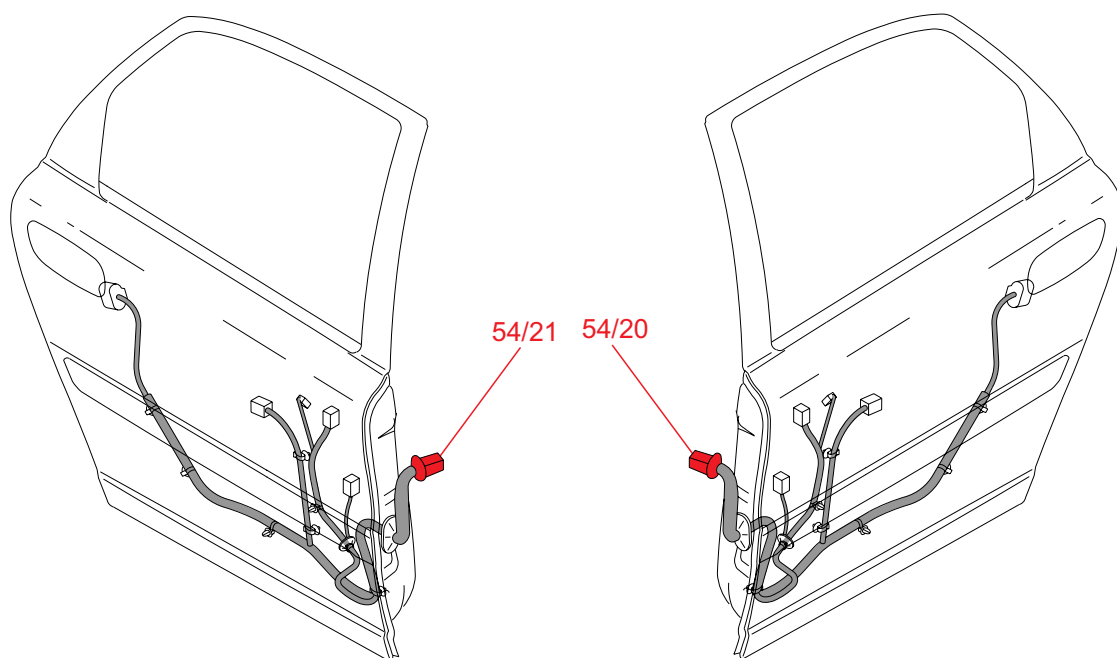
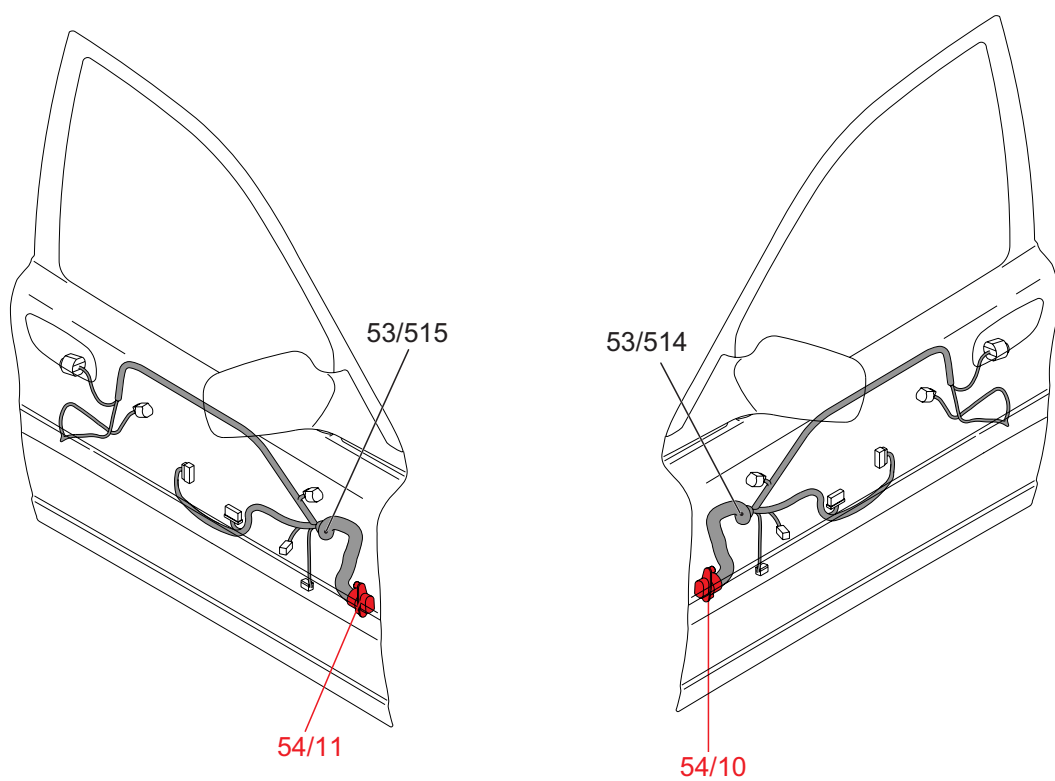
Cable harness routing in vehicle

Trunk lid/tailgate harness



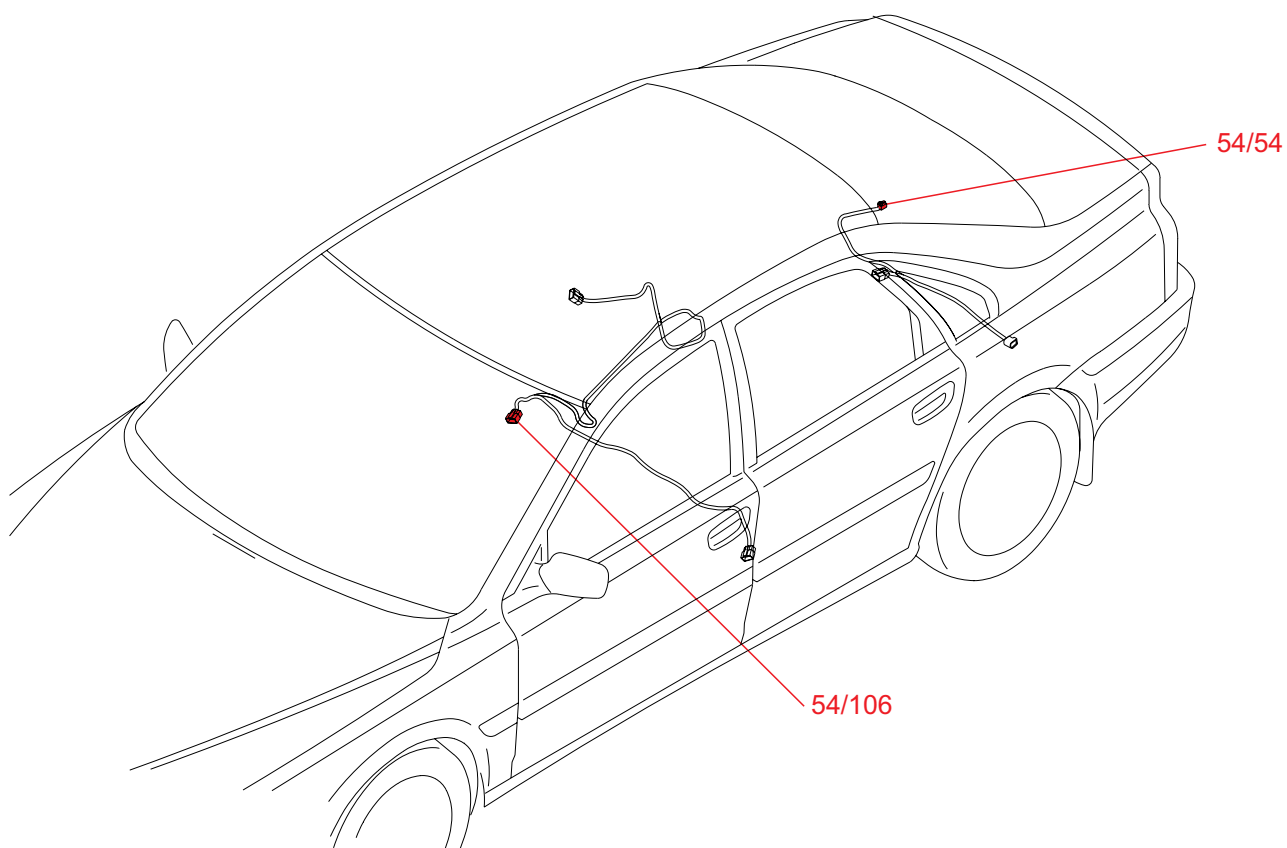
Cable harness routing in vehicle

Door harness



Cable harness routing in vehicle

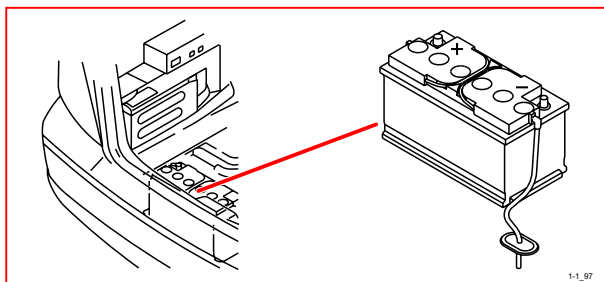
Bi-Fuel harness



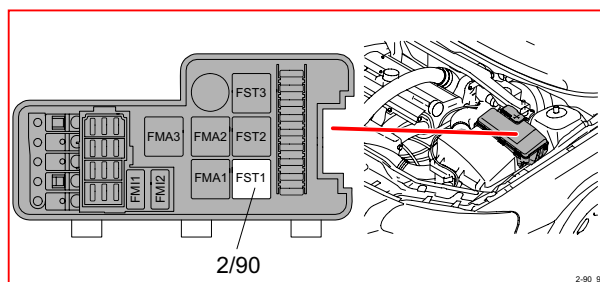
Component illustrations

1/1 - 2/192

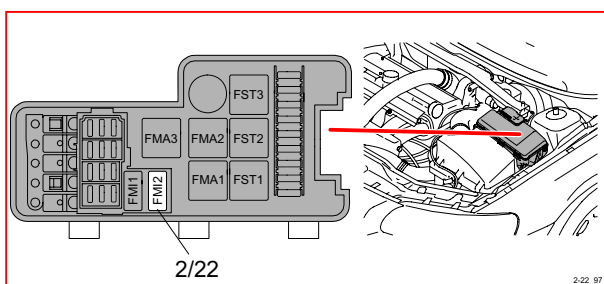
1/1 Battery



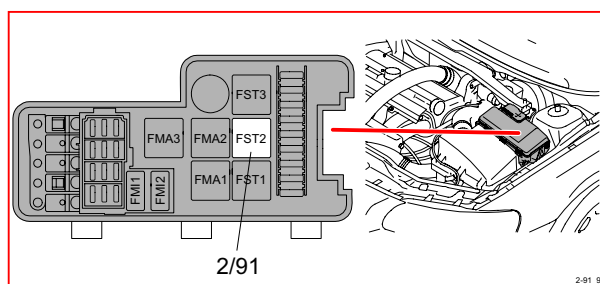
2/90 Relay, windshield wiper, low/high speed



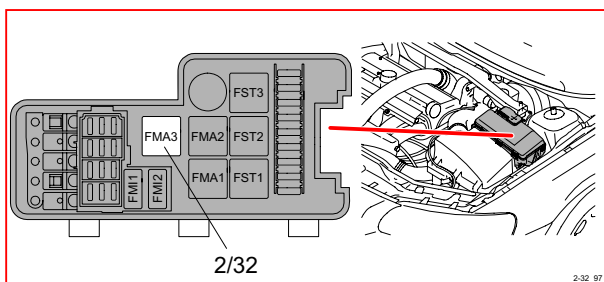
2/22 Relay, climate control system



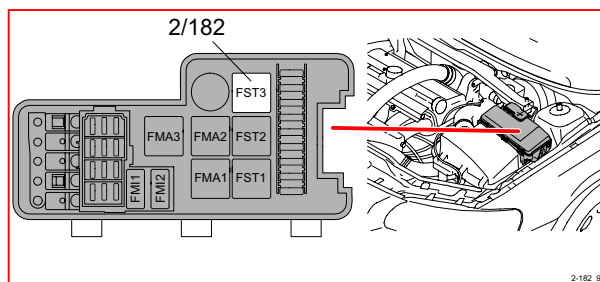
2/91 Relay, intermittent wiping



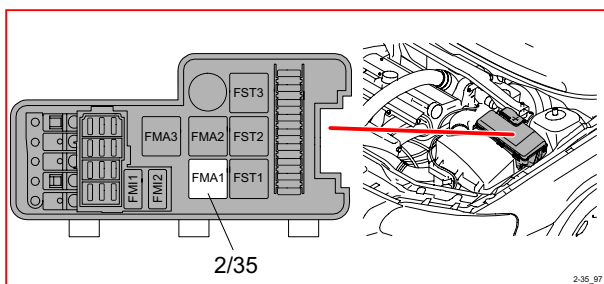
2/32 Main relay, engine management system



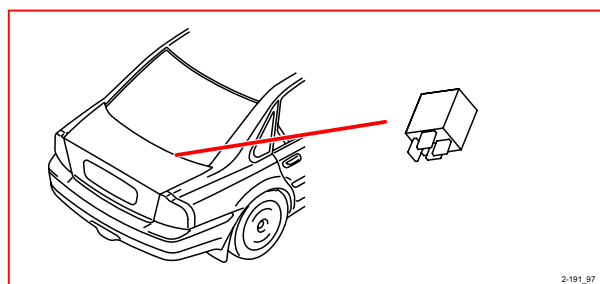
2/182 Relay, high pressure headlight washer motor



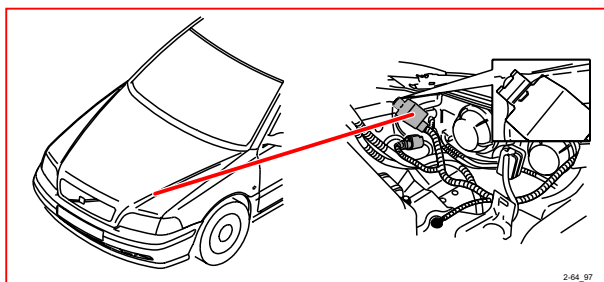
2/35 Starter motor relay



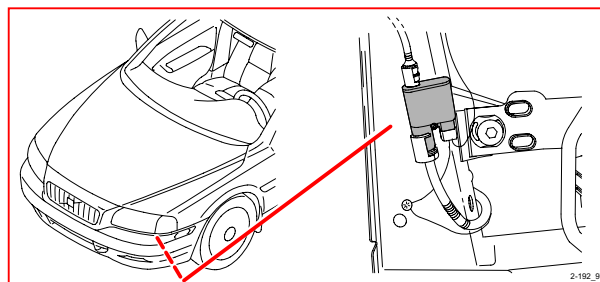
2/191 Relay, remote parking heater start, radio signal



2/64 Auxiliary light (accessory) relay



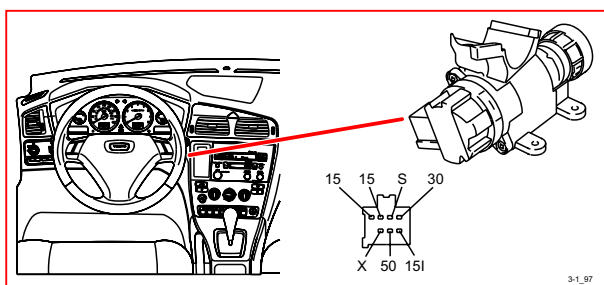
2/192 Relay, electric engine heater



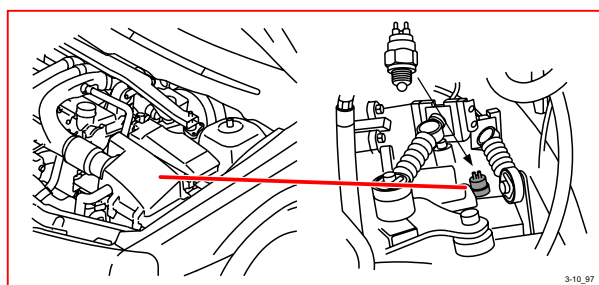
Component illustrations

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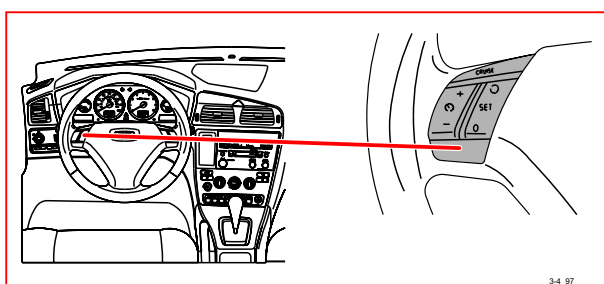
3/1 Ignition switch



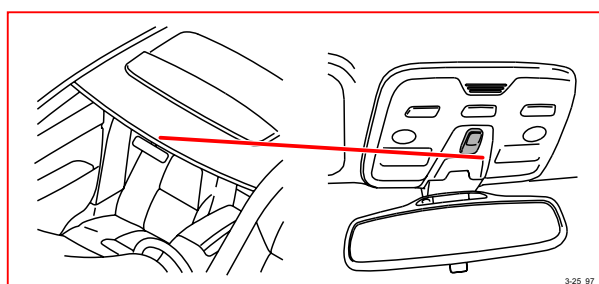
3/10 Reversing light contact



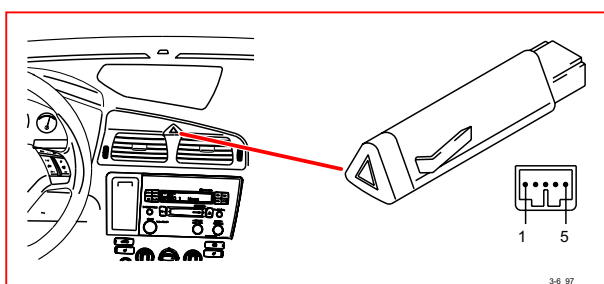
3/4 Steering wheel switch left (SWSL)



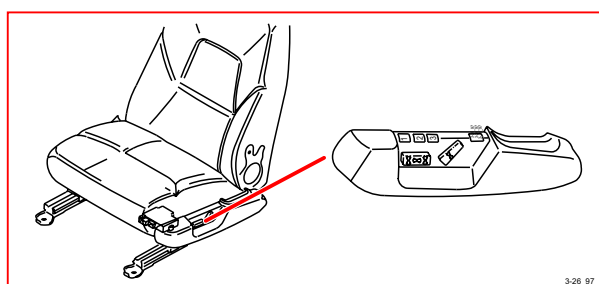
3/25 Power sunroof switch



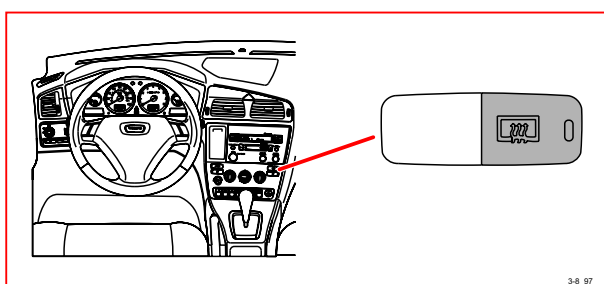
3/6 Hazard warning flasher switch



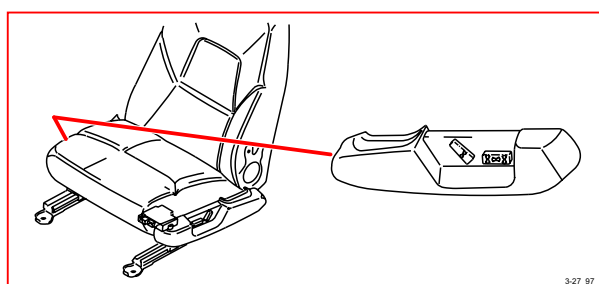
3/26 Switch unit, power driver's seat



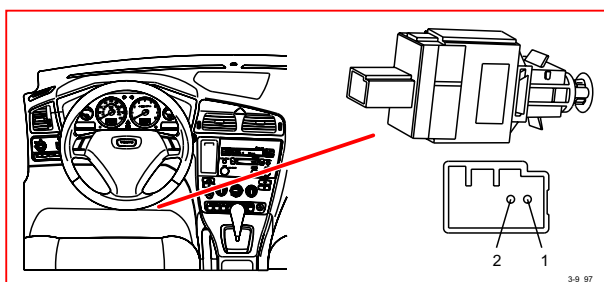
3/8 Switch, heated rear window/door mirrors



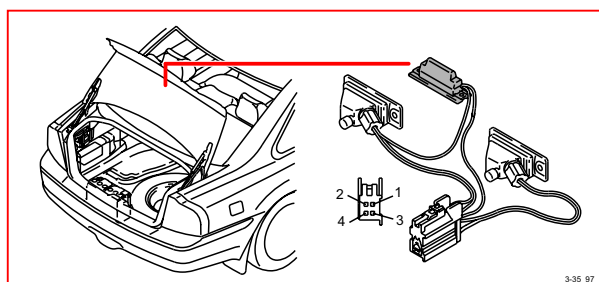
3/27 Switch unit, power passenger seat



3/9 Brake light contact



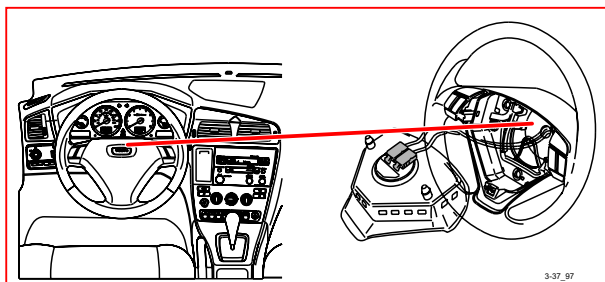
3/35 Trunk handle switch



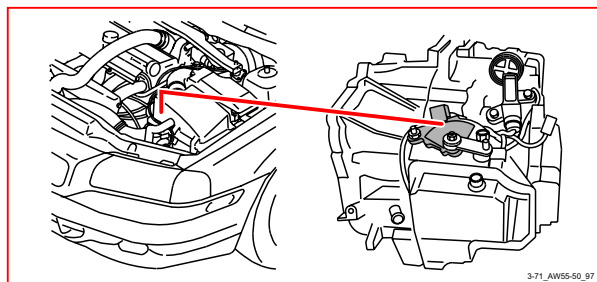
Component illustrations

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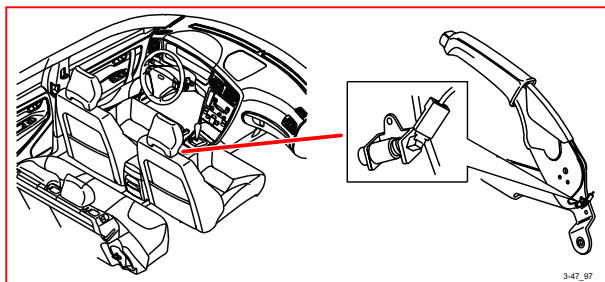
3/37 Horn contact



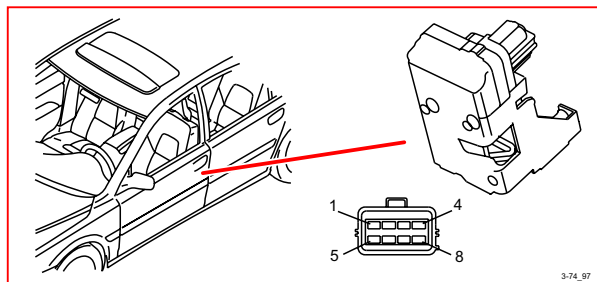
3/71 Gear selector contact, AW 55-51/51 AWD



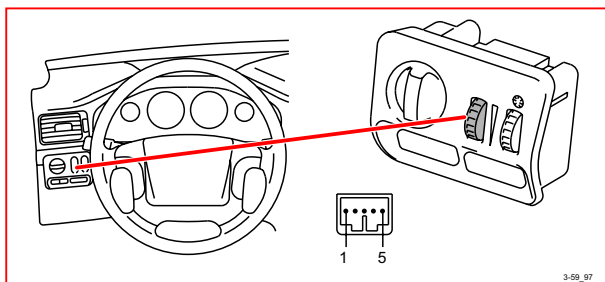
3/47 Parking brake contact



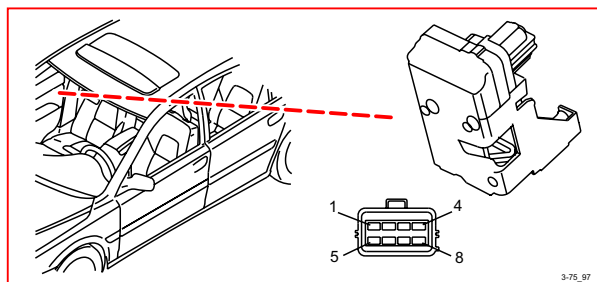
3/74 Left-hand front door lock unit



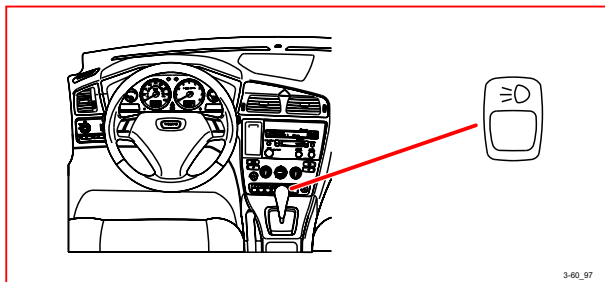
3/59 Headlight adjustment control



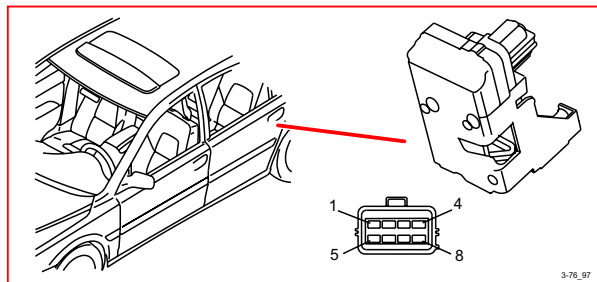
3/75 Right-hand front door lock unit



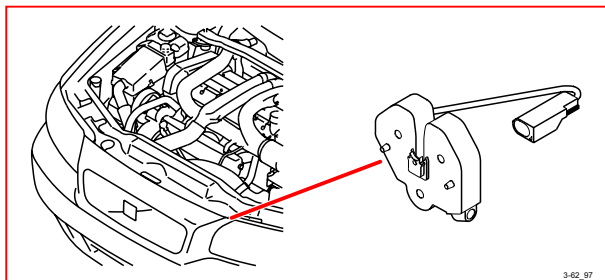
3/60 Auxiliary light switch



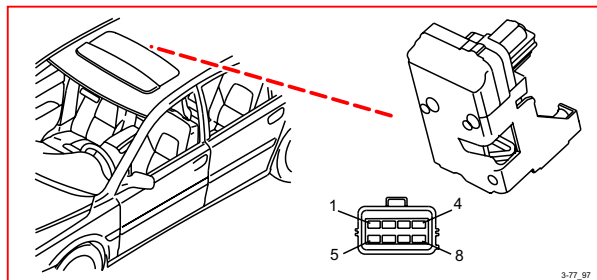
3/76 Left-hand rear door lock unit



3/62 Hood alarm contact



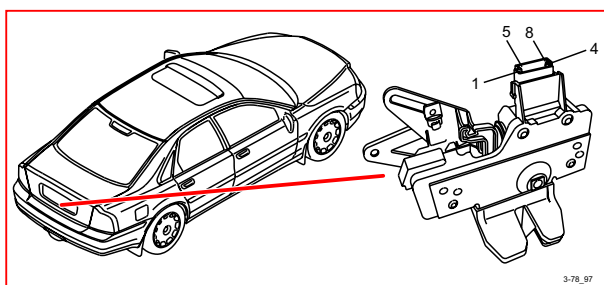
3/77 Right-hand rear door lock unit



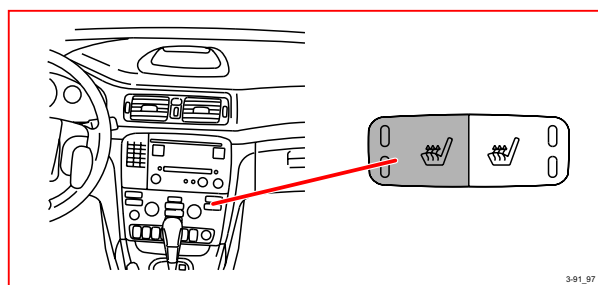
Component illustrations

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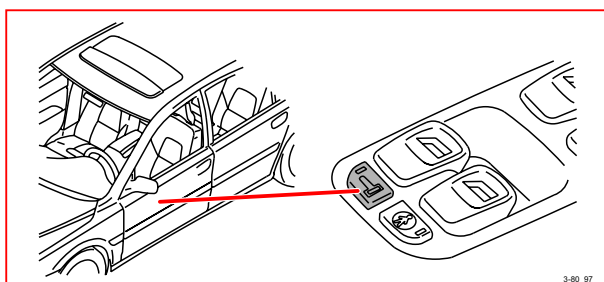
3/78 Trunk lid lock unit



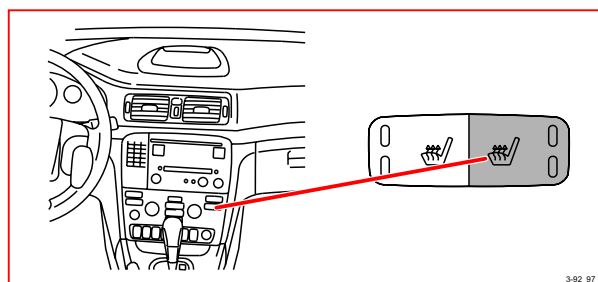
3/91 Switch, left-hand heated seat



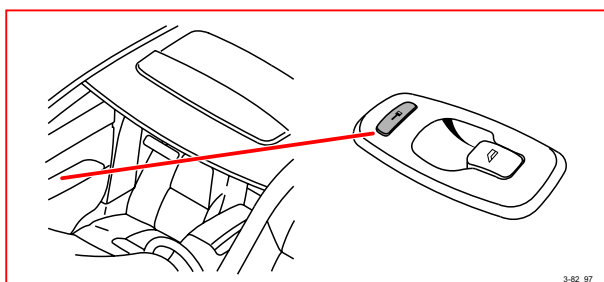
3/80 Switch, left-hand central lock



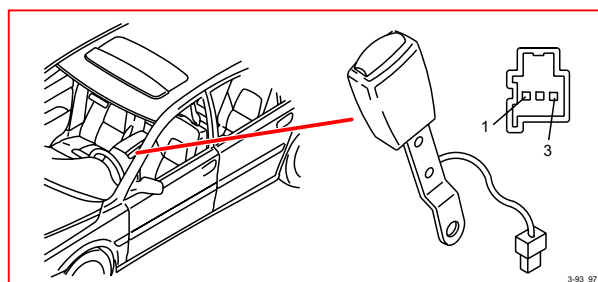
3/92 Switch, right-hand heated seat



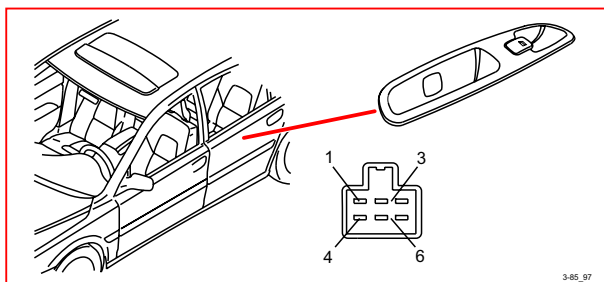
3/82 Switch, right-hand central lock



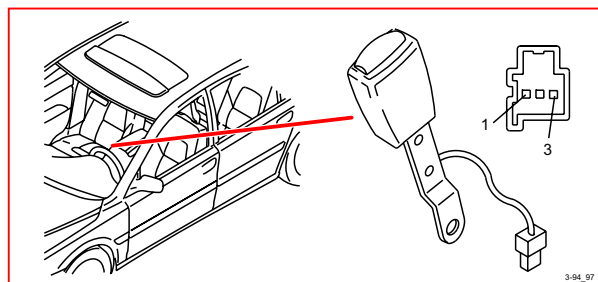
3/93 Switch, left-hand seat belt buckle



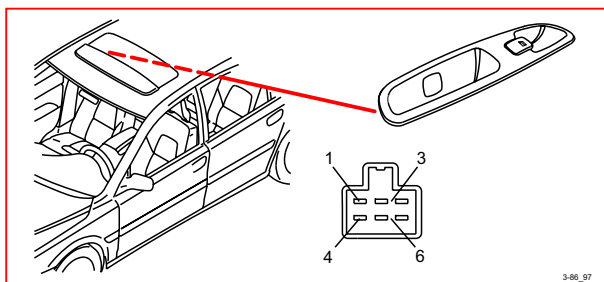
3/85 Rear left door power window switch



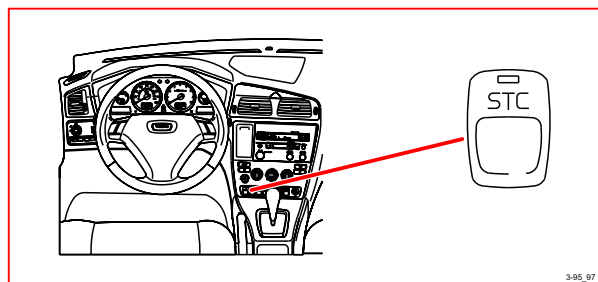
3/94 Switch, right-hand seat belt buckle



3/86 Rear right door power window switch



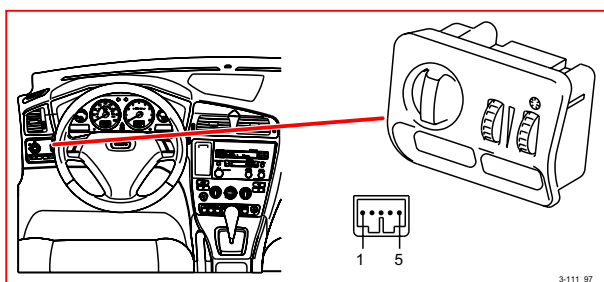
3/95 Spin control switch



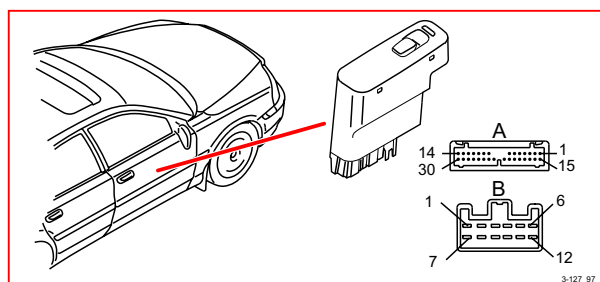
Component illustrations

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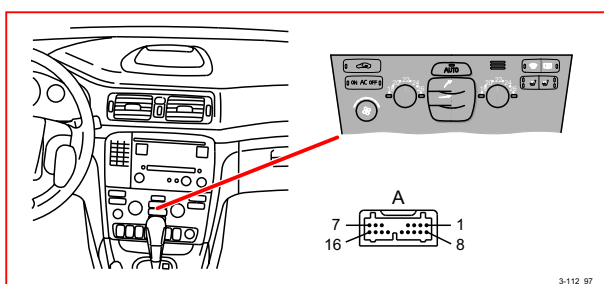
3/111 Light Switch Module (LSM)



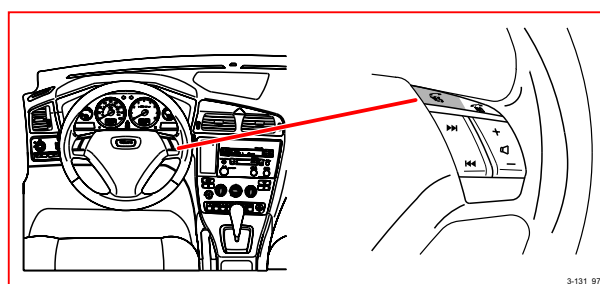
3/127 Passenger/Driver Door Module (PDM)/(DDM)



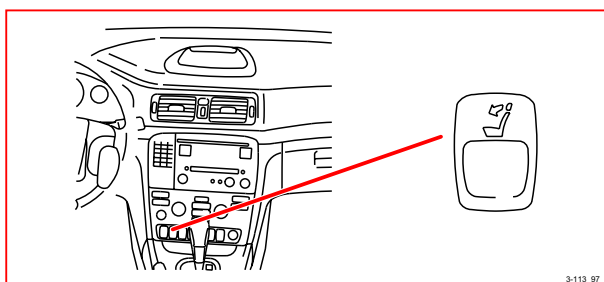
3/112 Climate Control Module (CCM)



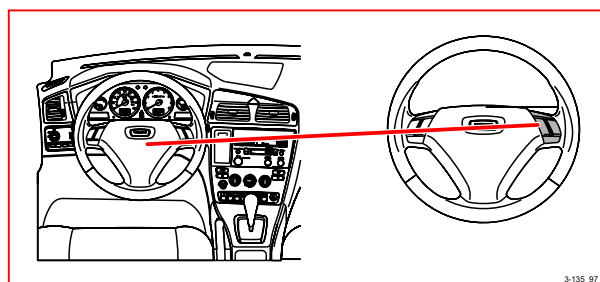
3/131 Steering wheel switch right (SWSR)



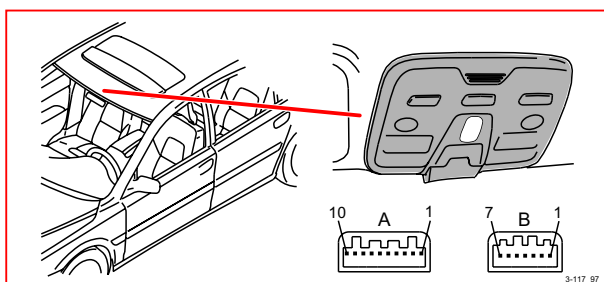
3/113 Rear adjustable head restraint relay



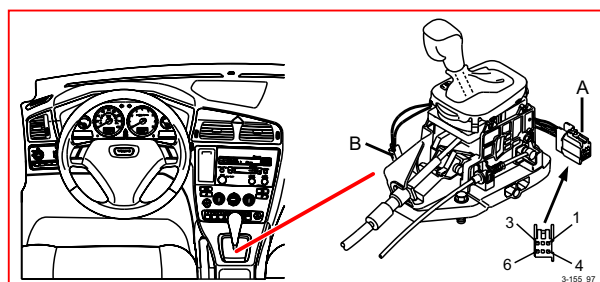
3/135 RTI switch



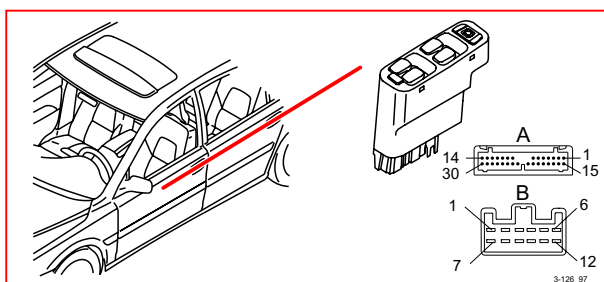
3/117 Switch unit, dome light



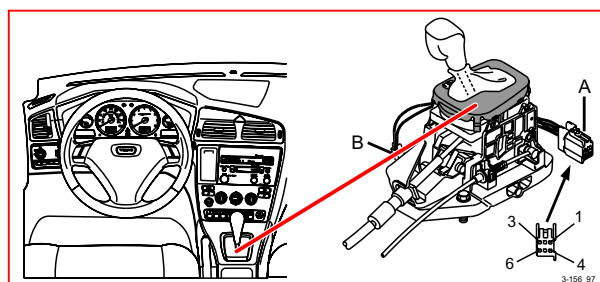
3/155 Mode selector, automatic transmission



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



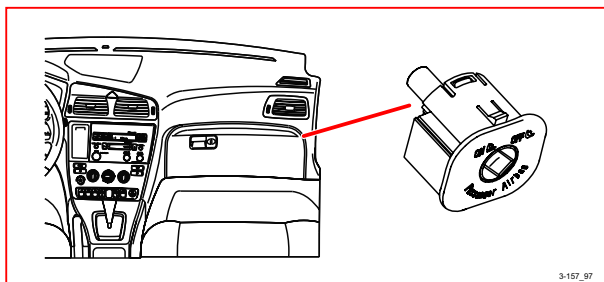
3/156 Gear Selector Module (GSM)



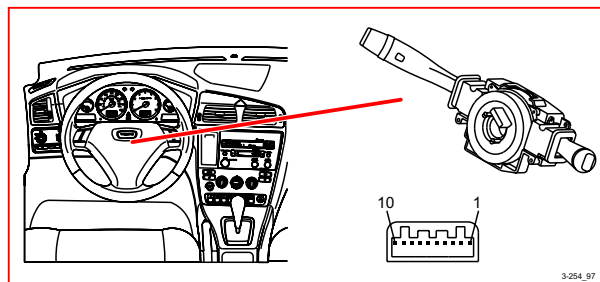
Component illustrations

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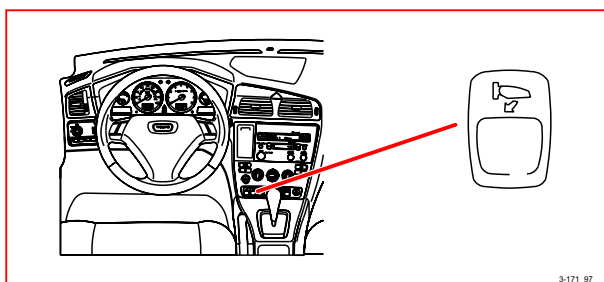
3/157 Switch, passenger side airbag



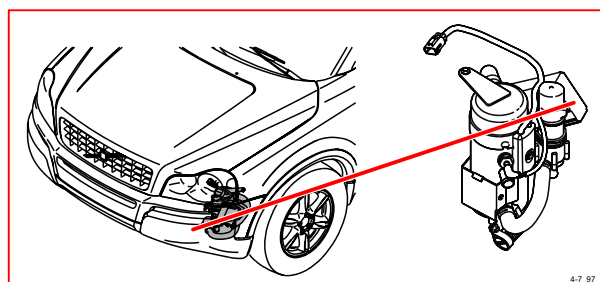
3/254 Steering Wheel Module (SWM)



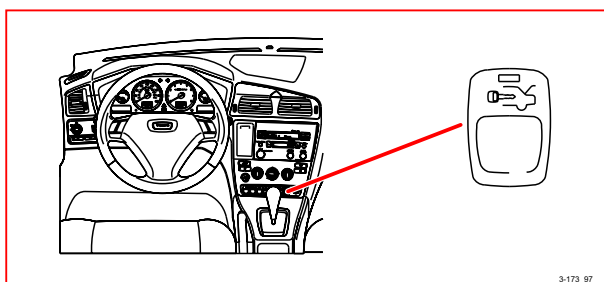
3/171 Switch, retractable door mirrors



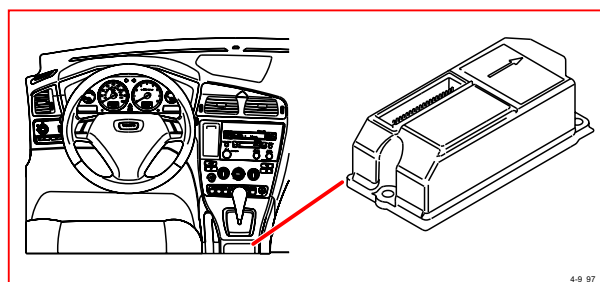
4/7 Combustion Preheater Module (CPM)



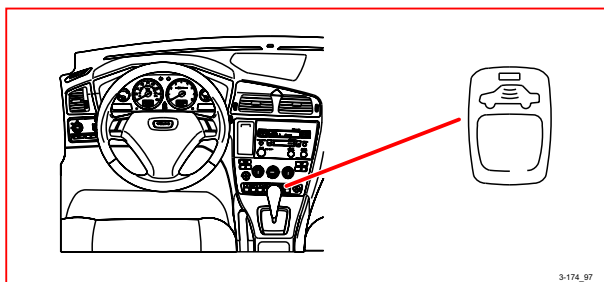
3/173 Switch, trunk lid private lock



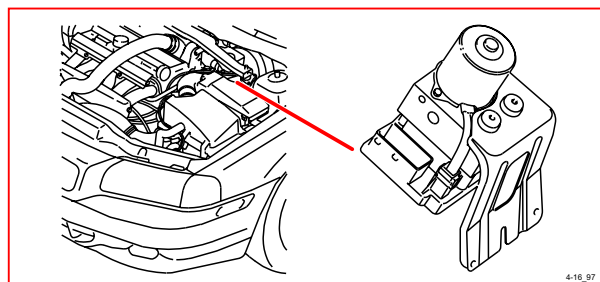
4/9 Supplemental Restraint System (SRS)



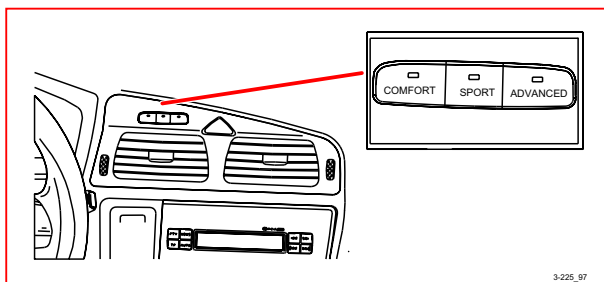
3/174 Switch, reduced alarm



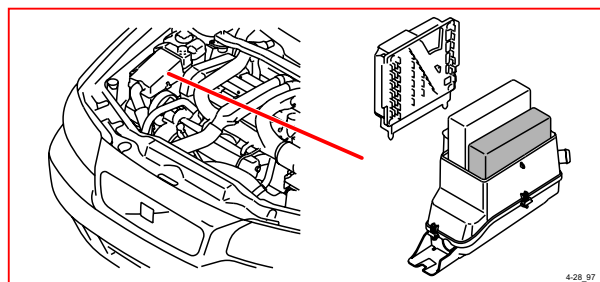
4/16 Brake Control Module (BCM)



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



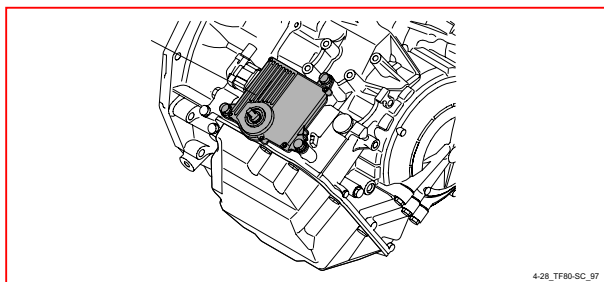
4/28 Transmission Control Module (TCM)



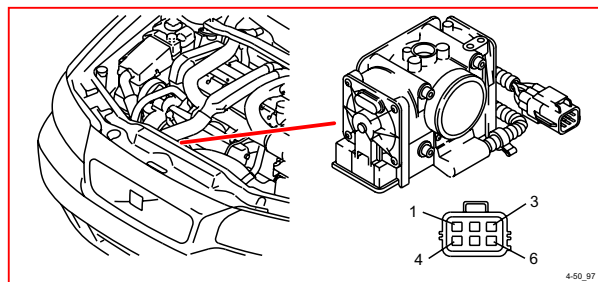
Component illustrations

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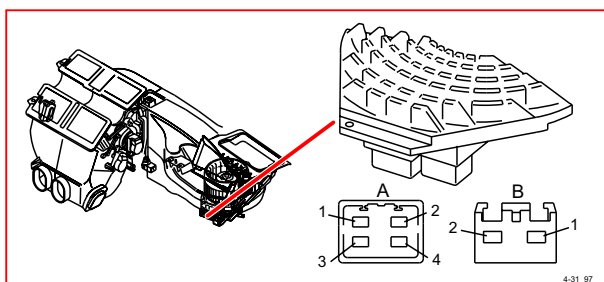
4/28 Transmission Control Module (TCM), TF80-SC/AWD



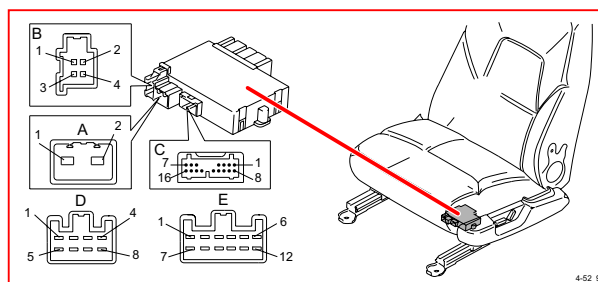
4/50 Electronic Throttle Module (ETM)



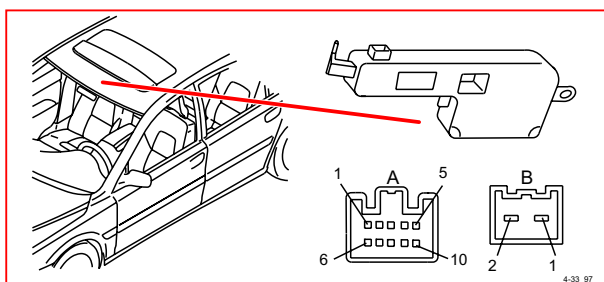
4/31 Fan control module



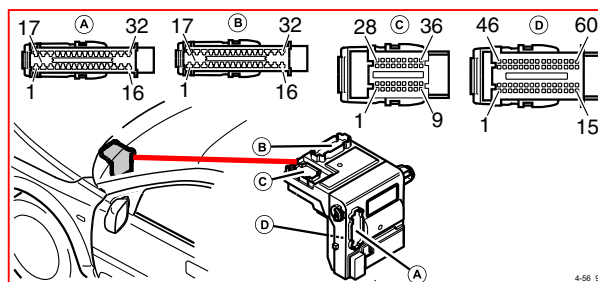
4/52 Power Seat Module (PSM)



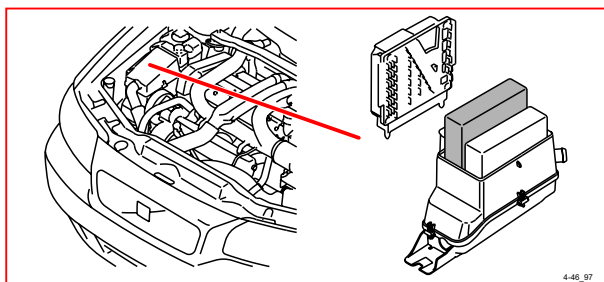
4/33 Sunroof Module (SRM)



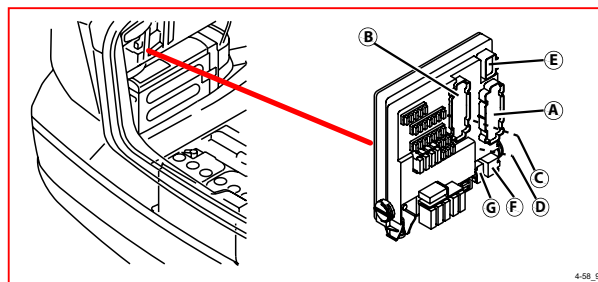
4/56 Central Electronic Module (CEM)



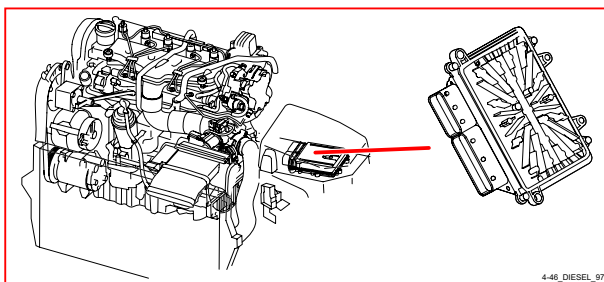
4/46 Engine Control Module (ECM)



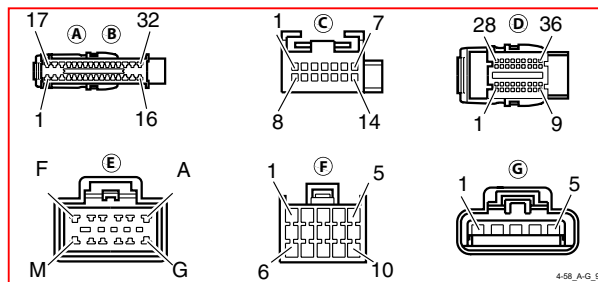
4/58 Rear Electronic Module (REM)



4/46 Engine Control Module (ECM), Diesel



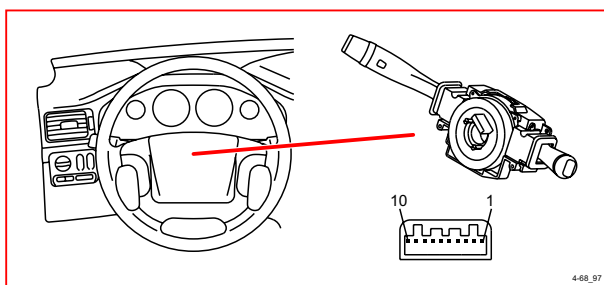
4/58A-G Rear Electronic Module (REM)



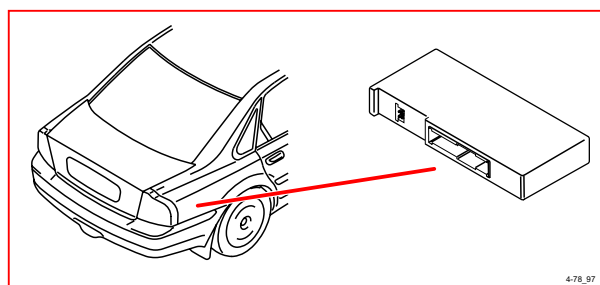
Component illustrations

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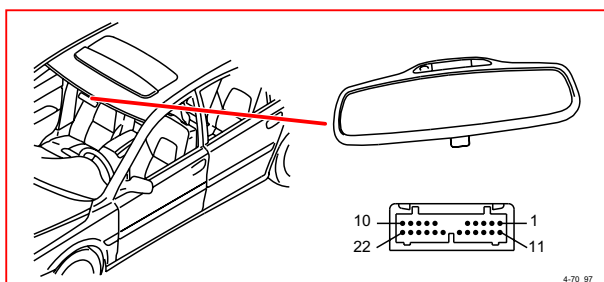
4/68 Steering Wheel Angle Sensor Module (SAS)



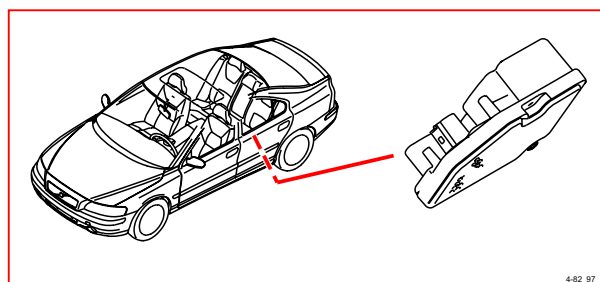
4/78 Accessory Electronic Module (AEM)



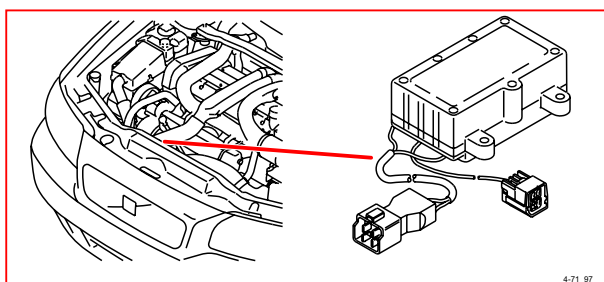
4/70 Upper Electronic Module (UEM)



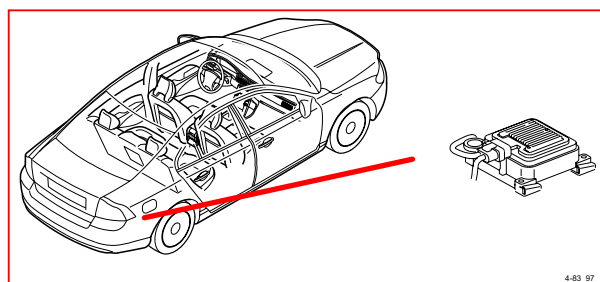
4/82 Differential Electronic Module (DEM)



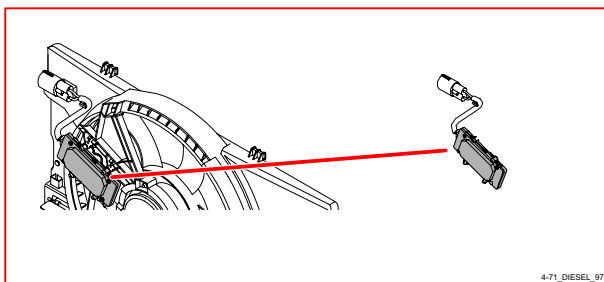
4/71 Cooling fan control module



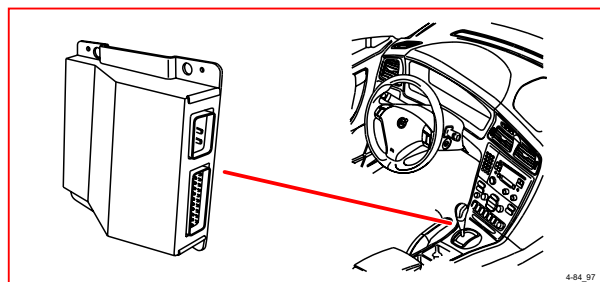
4/83 Fuel pump control module



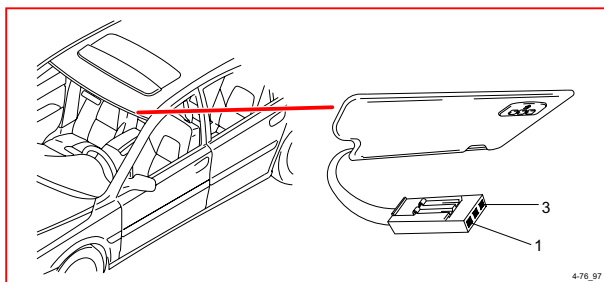
4/71 Cooling fan control module, Diesel



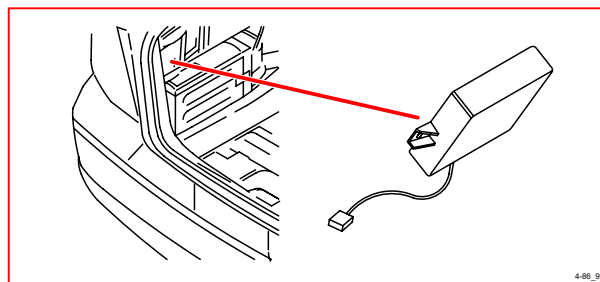
4/84 Suspension Module (SUM)



4/76 Remote control unit for garage door opener



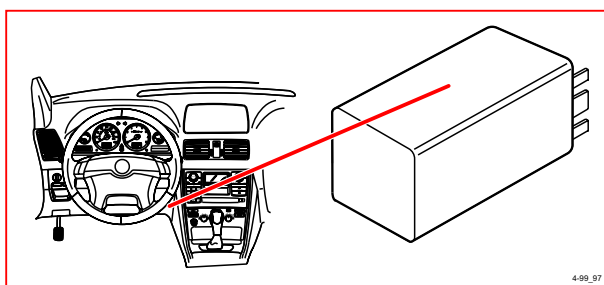
4/86 Parking Assistance Module (PAM)



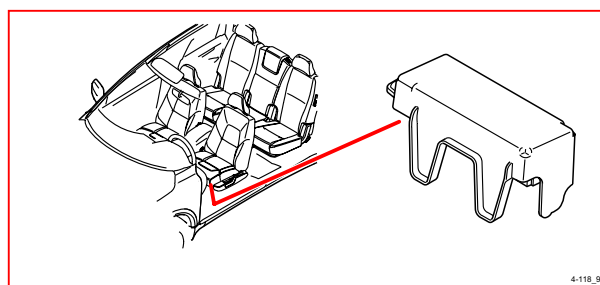
Component illustrations

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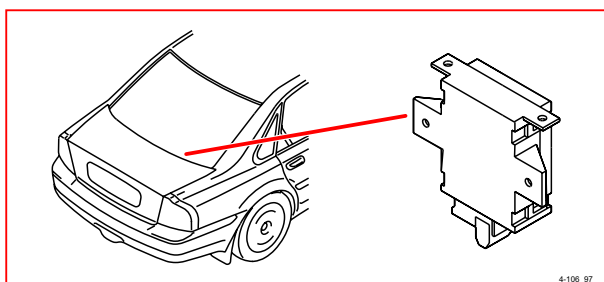
4/99 Electronic power steering control module



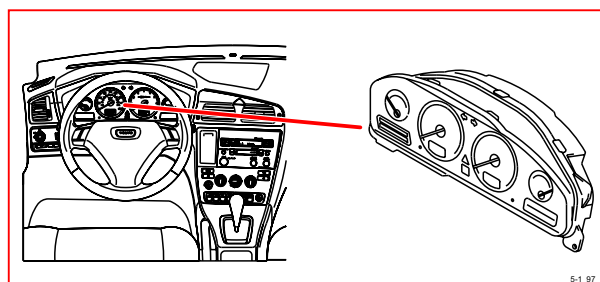
4/118 Headlamp control module (HCM)



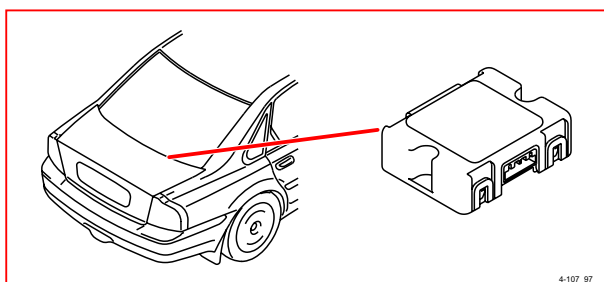
4/106 Control module, remote parking heater start



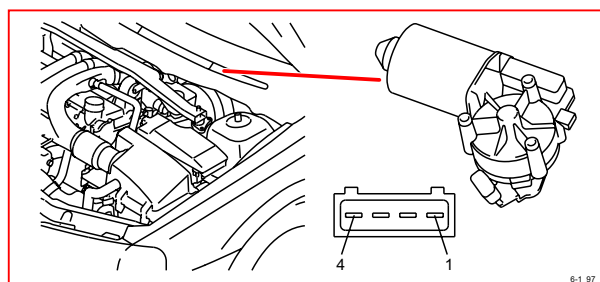
5/1 Driver Information Module (DIM)



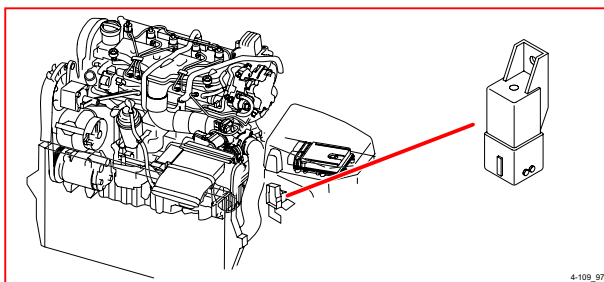
4/107 Control module, parking heater, Call start



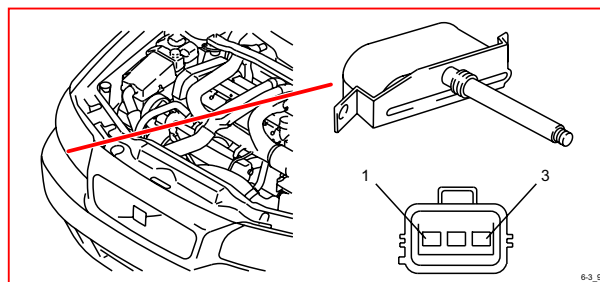
6/1 Windshield wiper motor



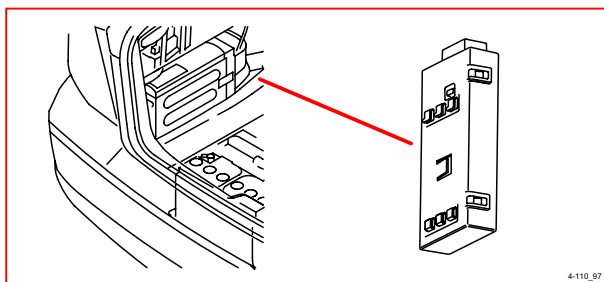
4/109 Glow plug control unit (GCU)



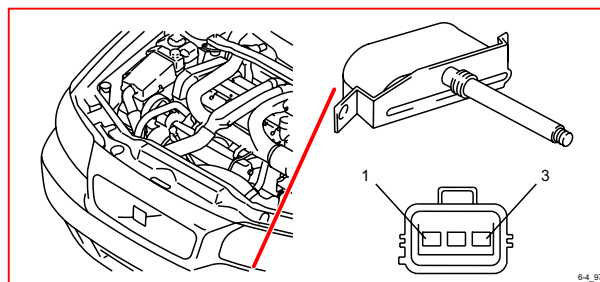
6/3 Right-hand headlight wiper motor



4/110 Trailer Module (TRM)



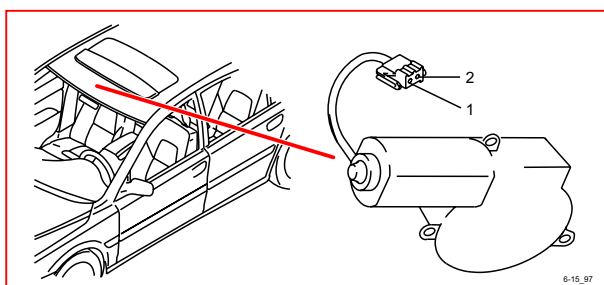
6/4 Left-hand headlight wiper motor



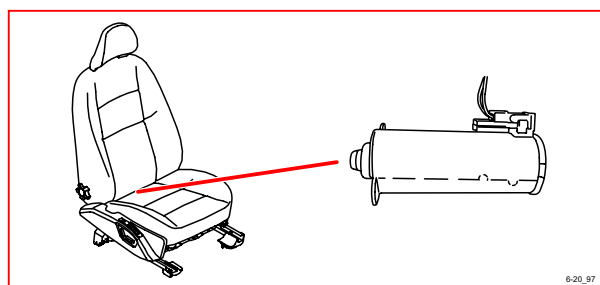
Component illustrations

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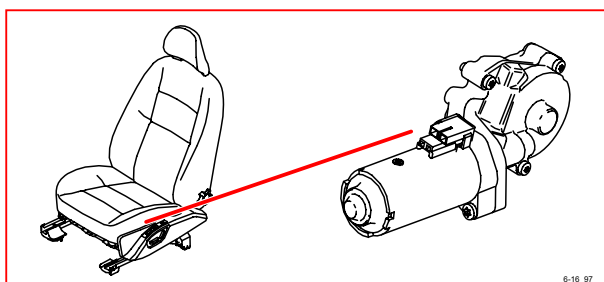
6/15 Sunroof motor



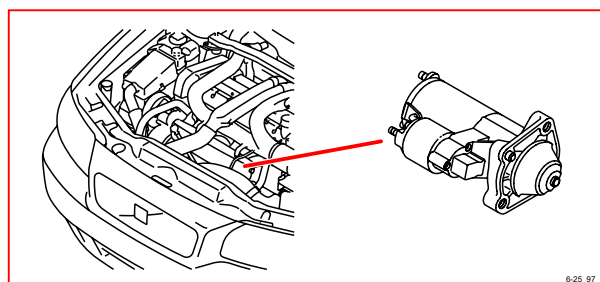
6/20 Passenger seat motor, forward/backward



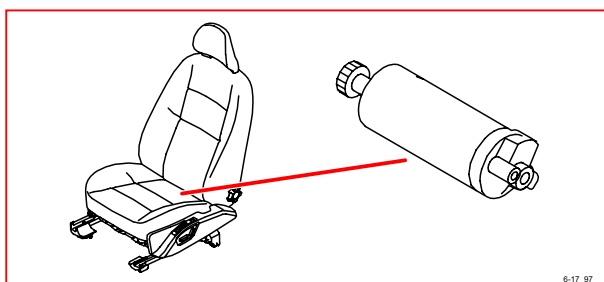
6/16 Driver seat motor, backrest angle



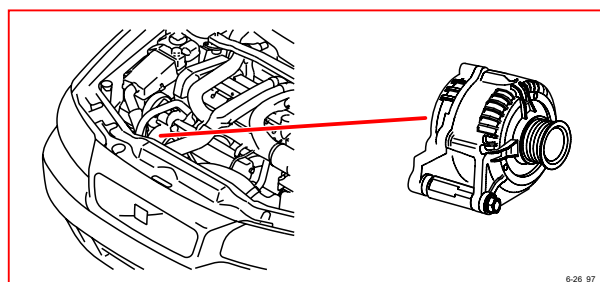
6/25 Starter motor



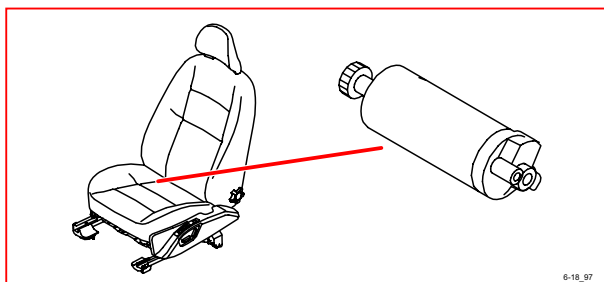
6/17 Driver seat motor, up/down front edge



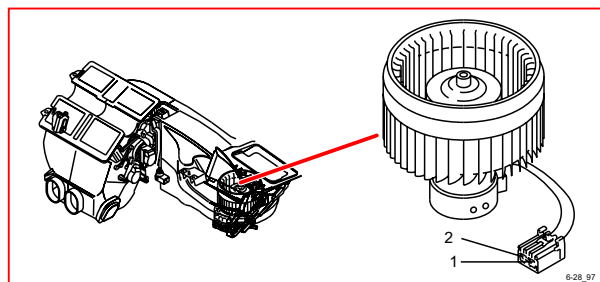
6/26 Alternator Control Module (ACM)



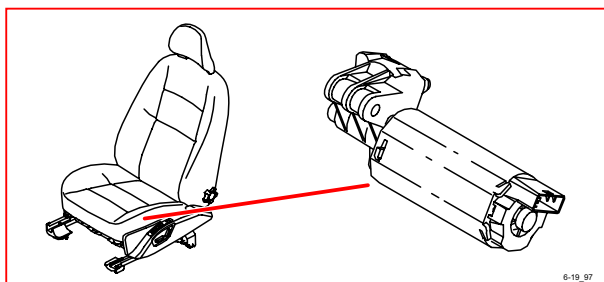
6/18 Driver seat motor, up/down rear edge



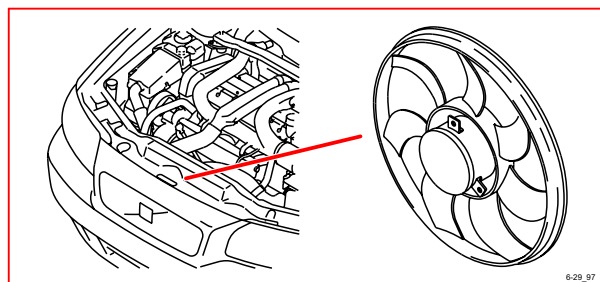
6/28 Motor, passenger compartment fan



6/19 Driver seat motor, forward/backward



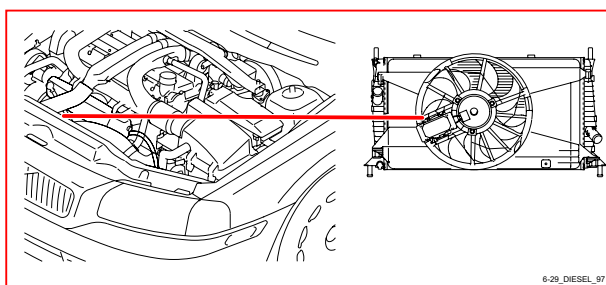
6/29 Motor, cooling fan



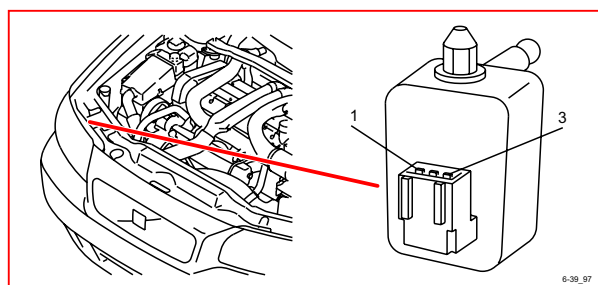
Component illustrations

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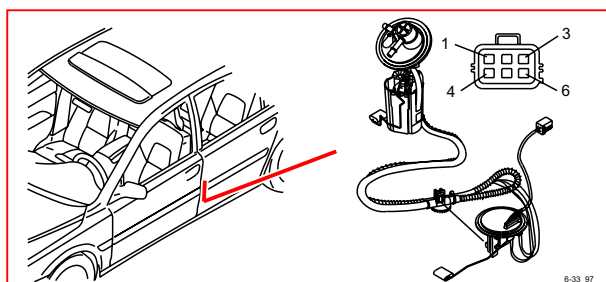
6/29 Cooling fan motor, Diesel



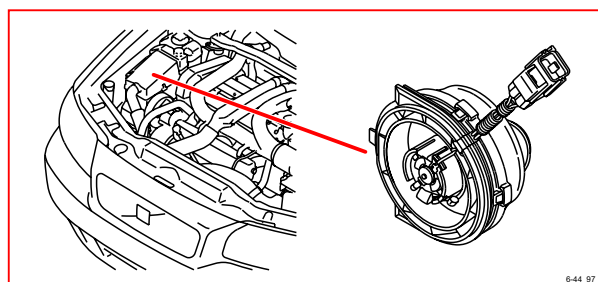
6/39 Right-hand headlight level adjustment motor



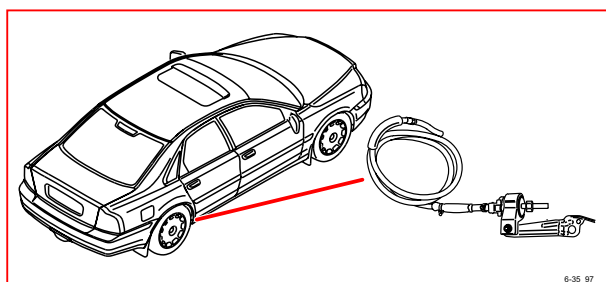
6/33 Fuel pump



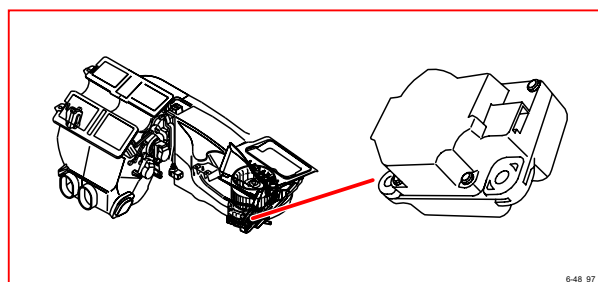
6/44 Cooling fan, electrics box, engine compartment



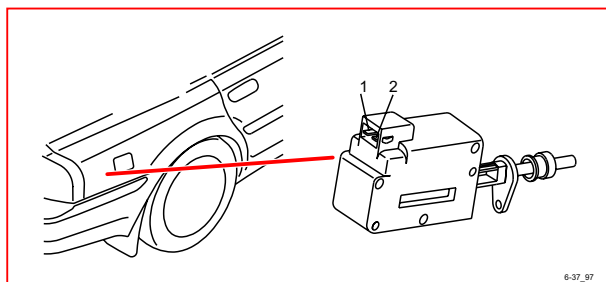
6/35 Fuel pump, auxiliary heater



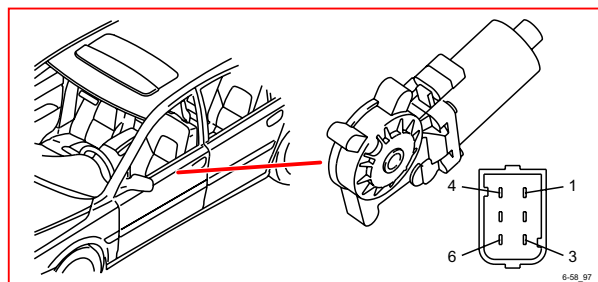
6/48 Damper Motor Module (DMM), recirculation



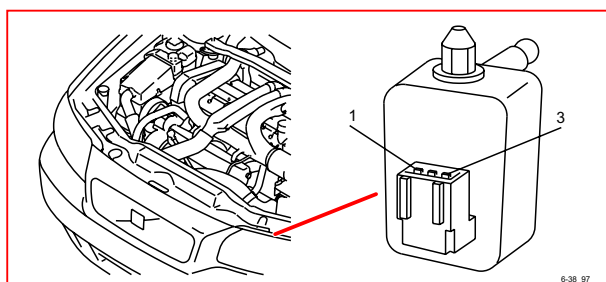
6/37 Lock motor, fuel filler cover



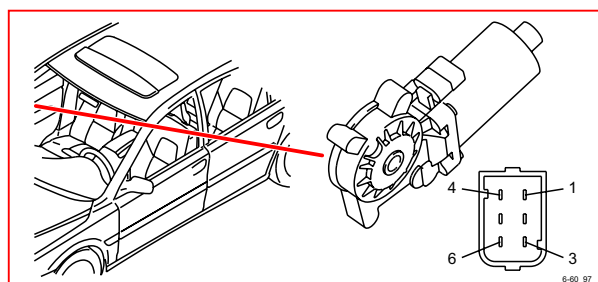
6/58 Motor, front left power window



6/38 Left-hand headlight level adjustment motor



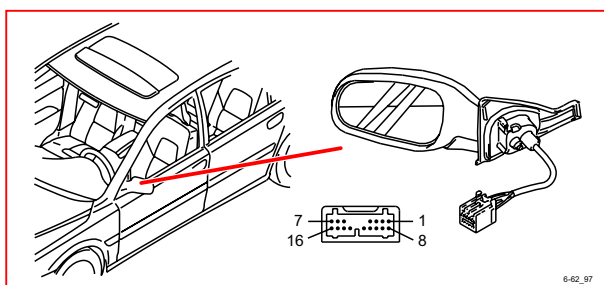
6/60 Motor, front right power window



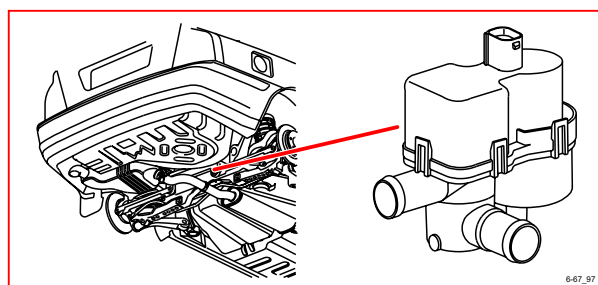
Component illustrations

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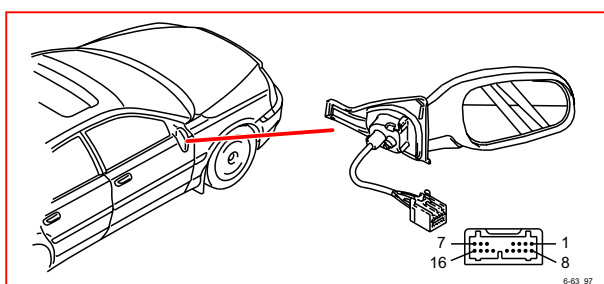
6/62 Left-hand power door mirror



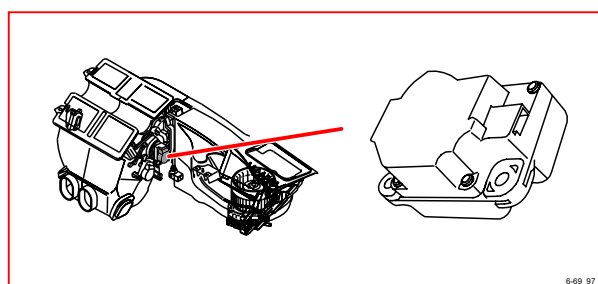
6/67 Pump, fuel leakage control



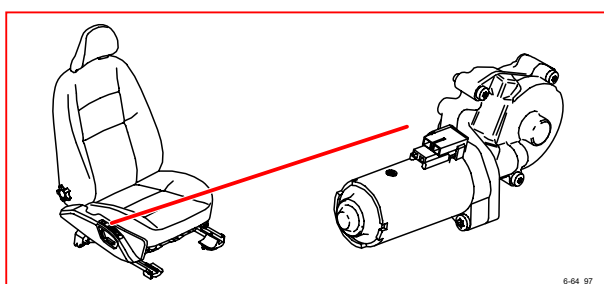
6/63 Right-hand power door mirror



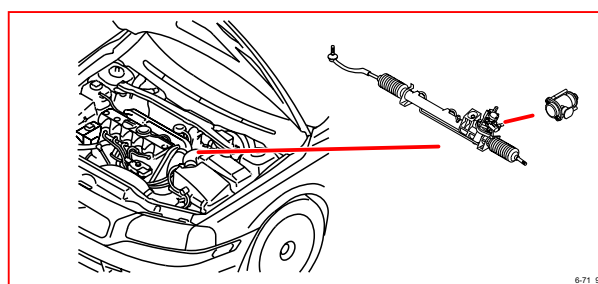
6/69 Damper Motor Module (DMM)



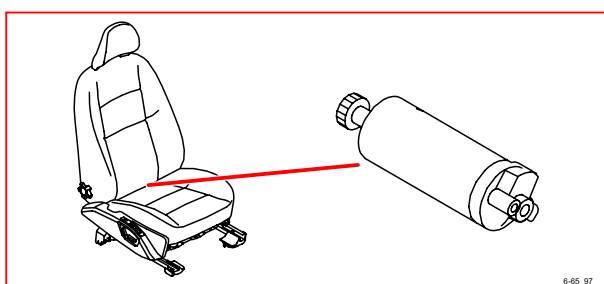
6/64 Passenger seat motor, backrest angle



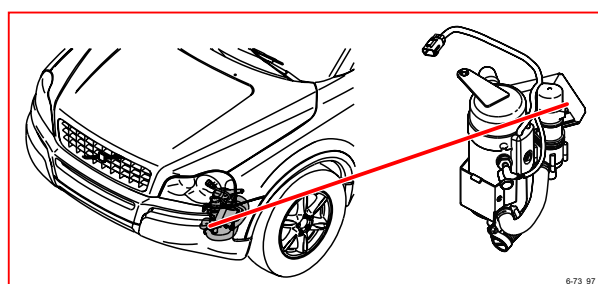
6/71 Valve, speed-dependent power steering



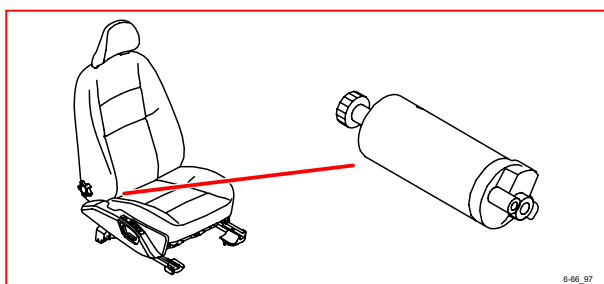
6/65 Passenger seat motor, up/down front edge



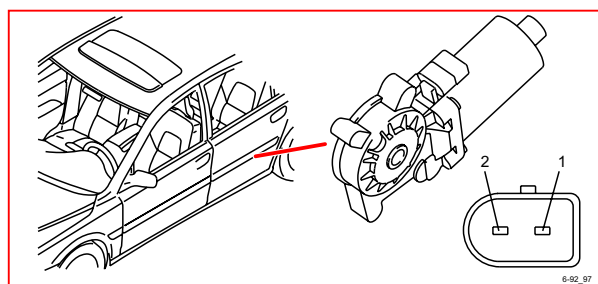
6/73 Coolant pump, auxiliary heater



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



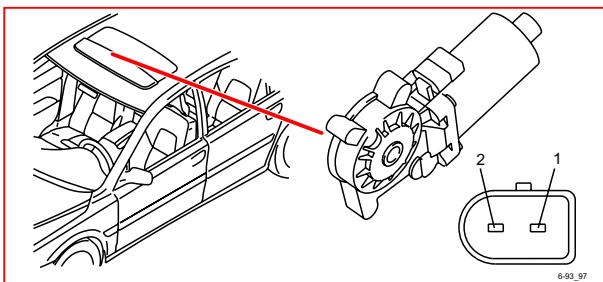
6/92 Motor, rear left power window



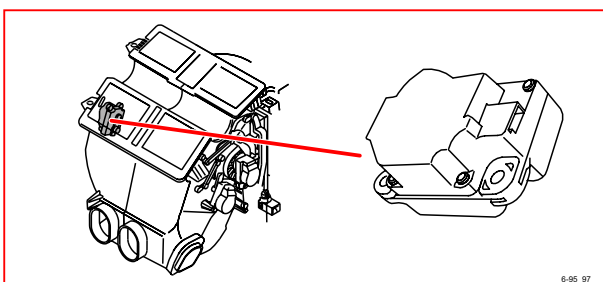
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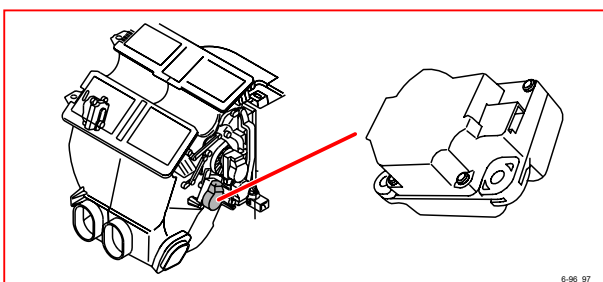
6/93 Motor, rear right power window



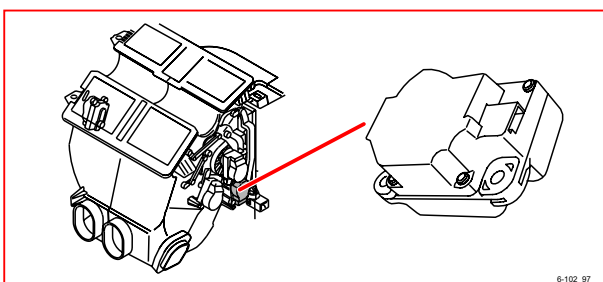
6/95 Damper Motor Module (DMM), temperature, left



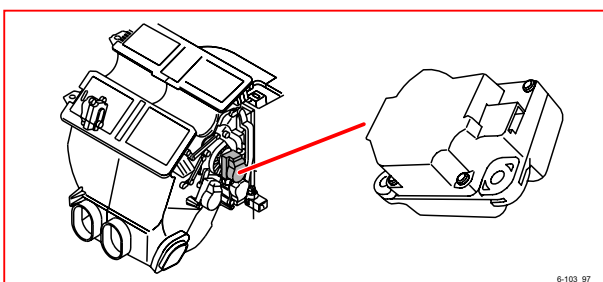
6/96 Damper Motor Module (DMM), temperature, right



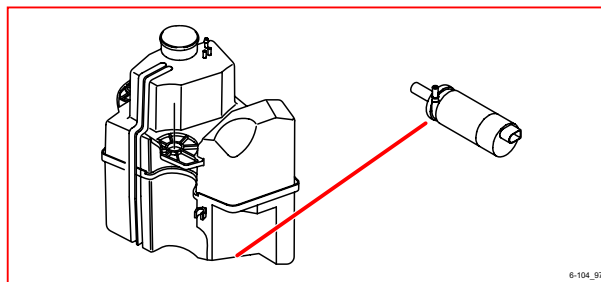
6/102 Damper Motor Module (DMM), defroster



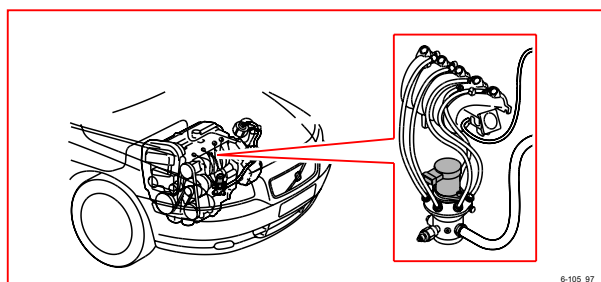
6/103 Damper Motor Module (DMM), floor/ventilation



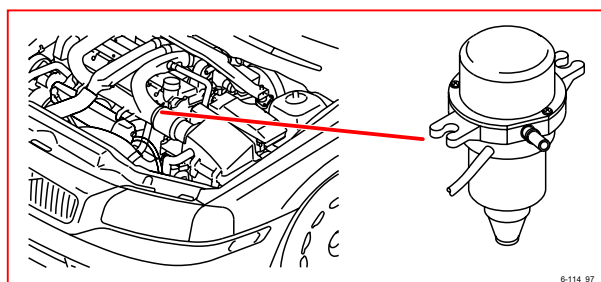
6/104 High pressure headlight washer motor



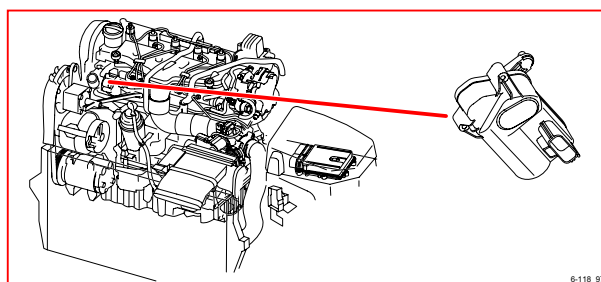
6/105 Fuel distributor, gas



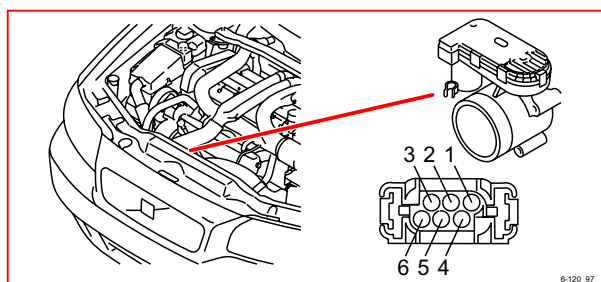
6/114 Vacuum pump



6/118 Regulator motor, swirl throttle



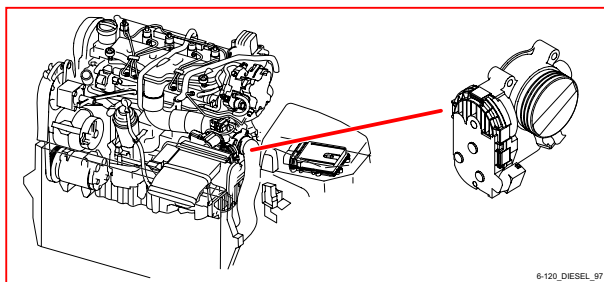
6/120 Throttle body motor



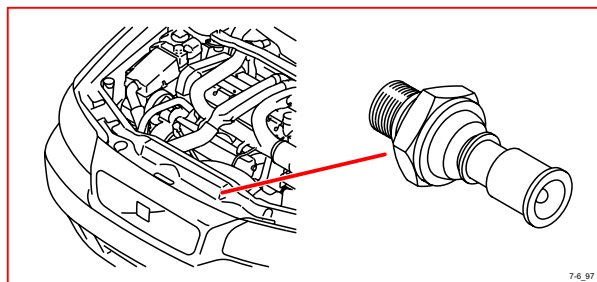
Component illustrations

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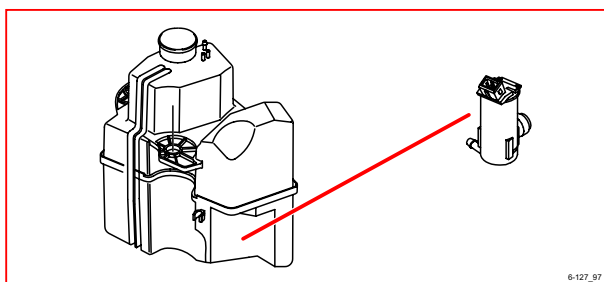
6/120 Throttle body motor, Diesel



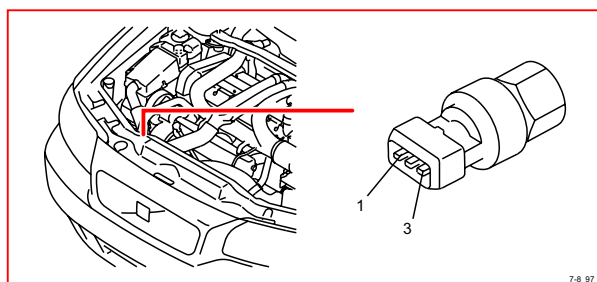
7/6 Oil pressure sensor



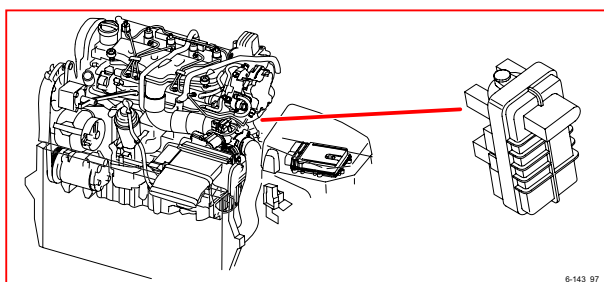
6/127 Washer motor



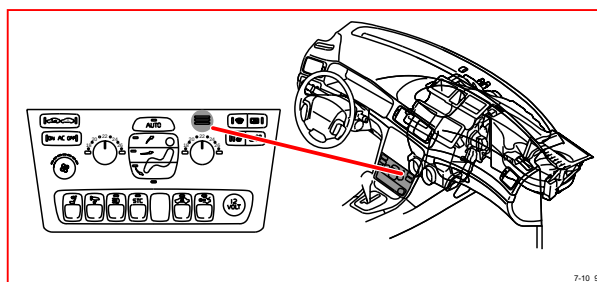
7/8 Pressure sensor, climate control system



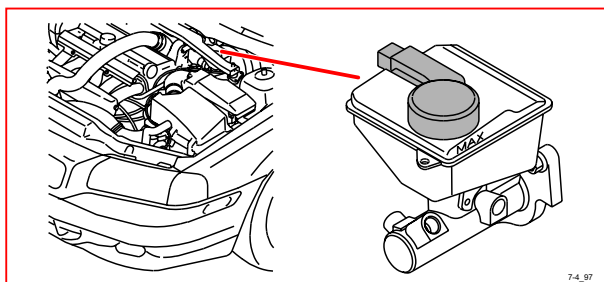
6/143 Regulator motor, turbo



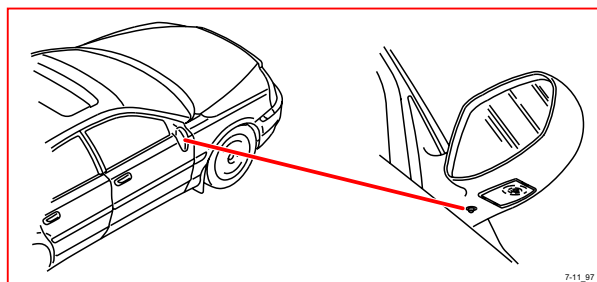
7/10 Interior temperature sensor



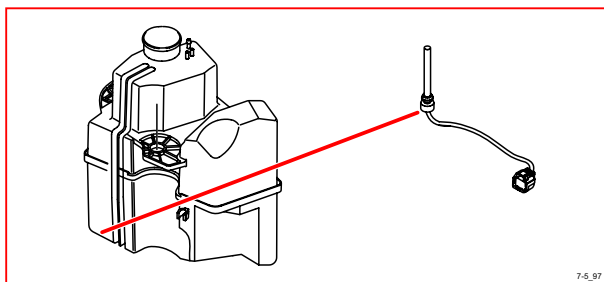
7/4 Brake fluid level sensor



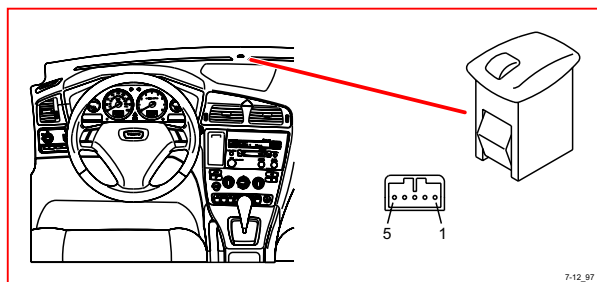
7/11 Outside temperature sensor



7/5 Washer fluid level sensor



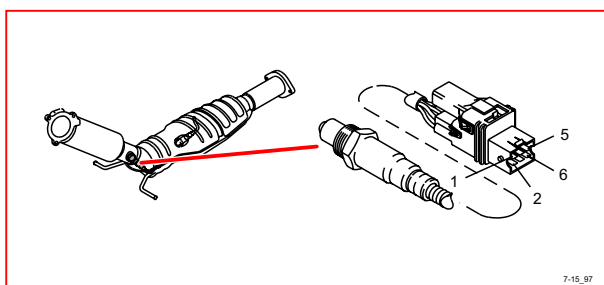
7/12 Solar sensor, twilight sensor and indicator alarm



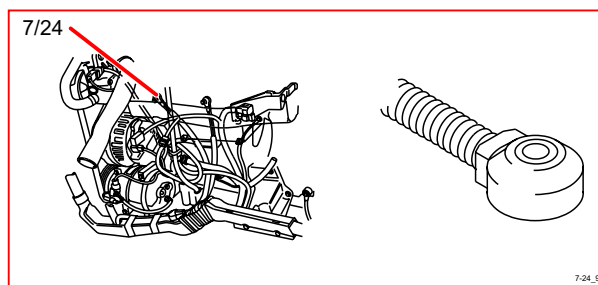
Component illustrations

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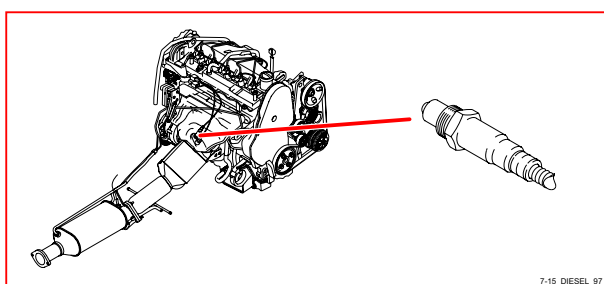
7/15 Front heated oxygen sensor



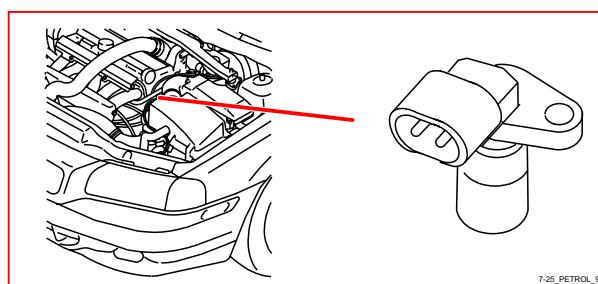
7/24 Front knock sensor



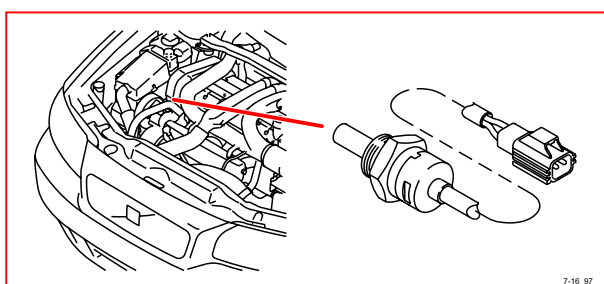
7/15 Front heated oxygen sensor, Diesel



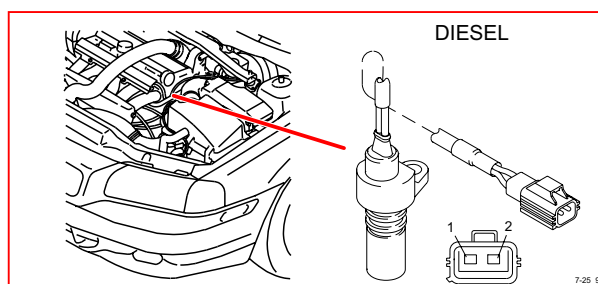
7/25 Impulse sensor, Gasoline



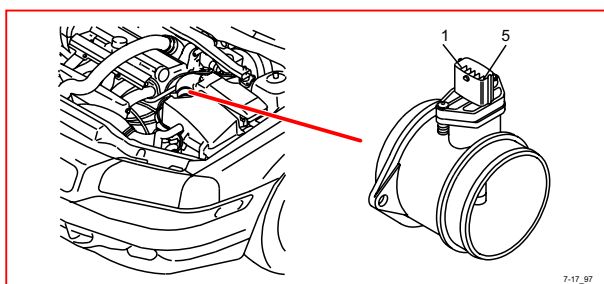
7/16 Coolant temperature sensor



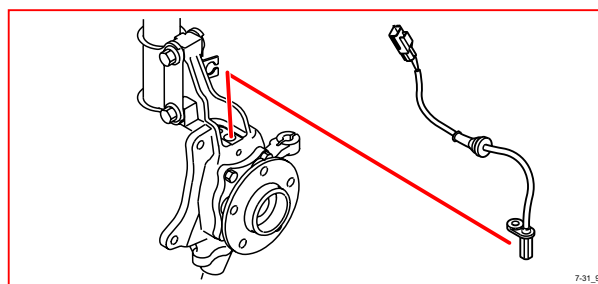
7/25 Impulse sensor, Diesel



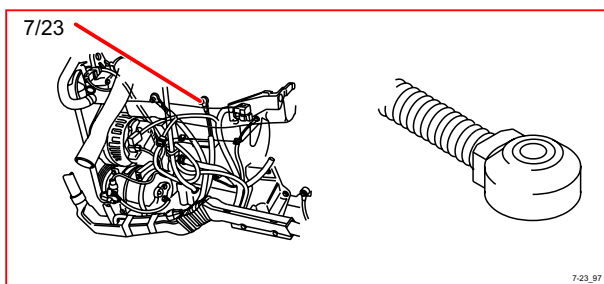
7/17 Mass airflow sensor (MAF)



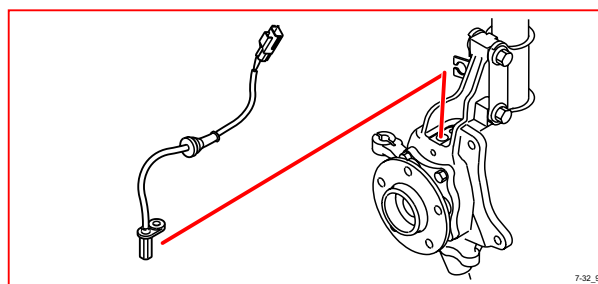
7/31 Left-hand front ABS sensor



7/23 Rear knock sensor



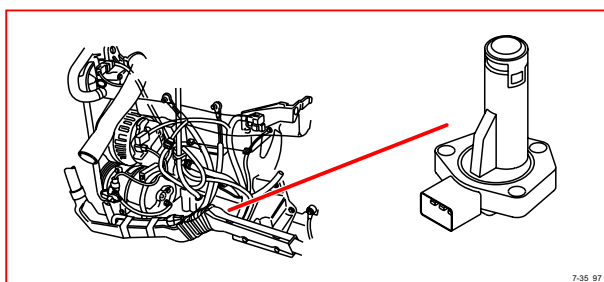
7/32 Right-hand front ABS sensor



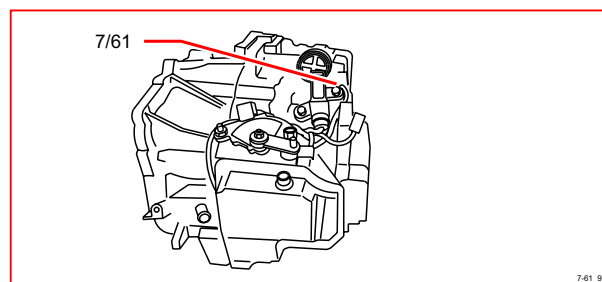
Component illustrations

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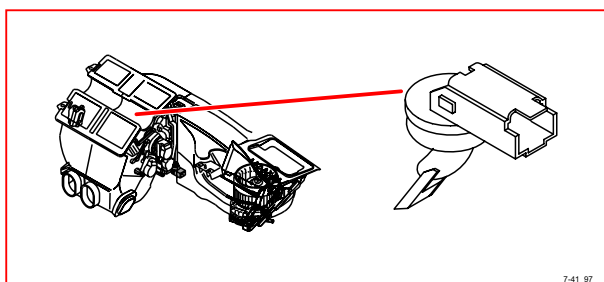
7/35 Oil level sensor



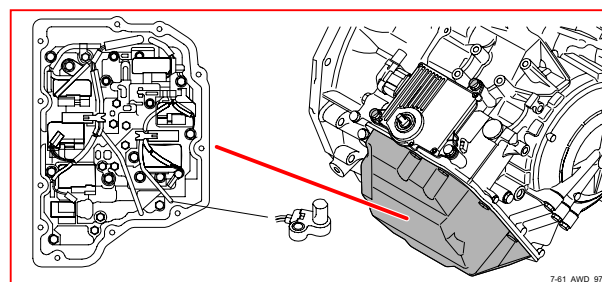
7/61 Input speed sensor



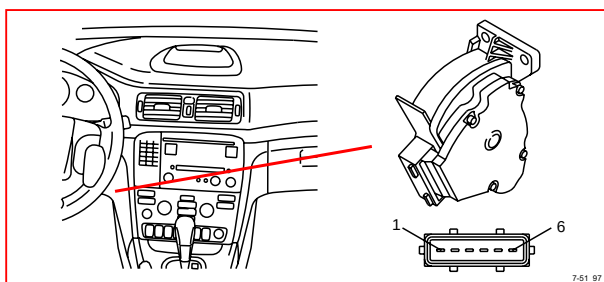
7/41 Temperature sensor, evaporator



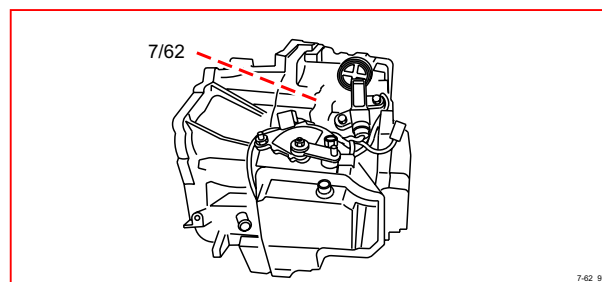
7/61 Input speed sensor, TF-80SC/AWD



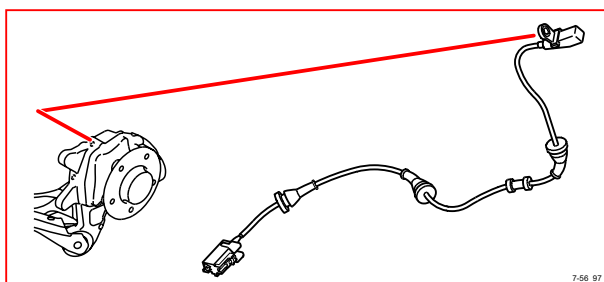
7/51 Accelerator pedal sensor



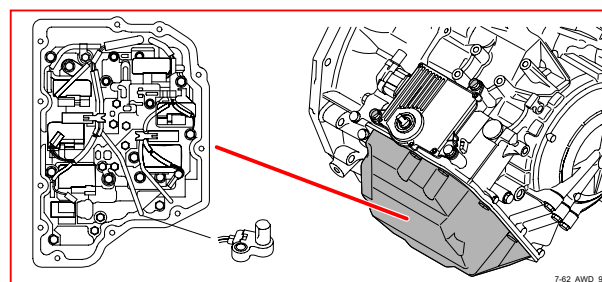
7/62 Output speed sensor



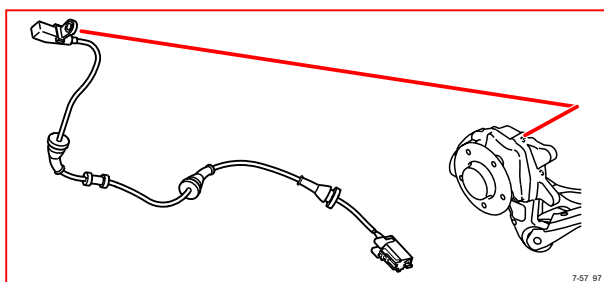
7/56 Left-hand rear ABS sensor



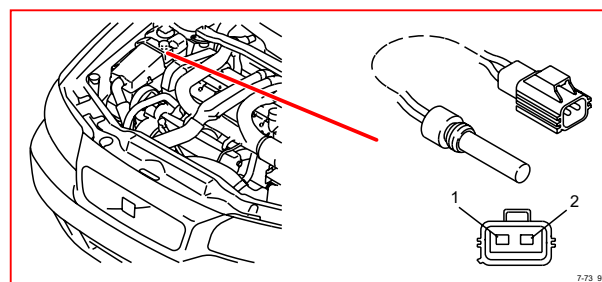
7/62 Output speed sensor, TF-80SC/AWD



7/57 Right-hand rear ABS sensor



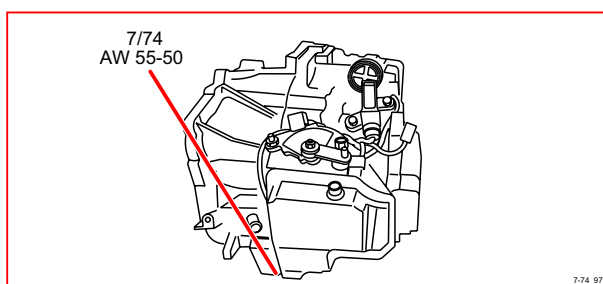
7/73 Coolant level sensor



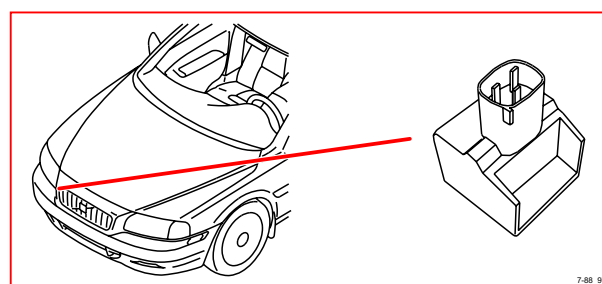
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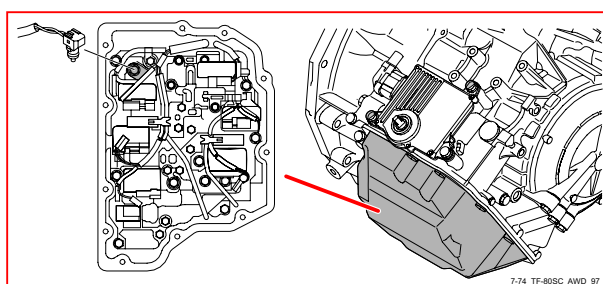
7/74 Fluid temperature sensor, automatic transmission



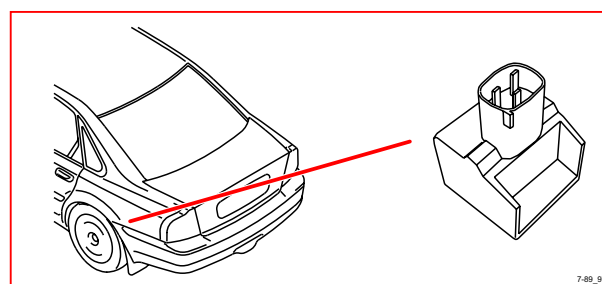
7/88 Acceleration sensor, Four-C, front right



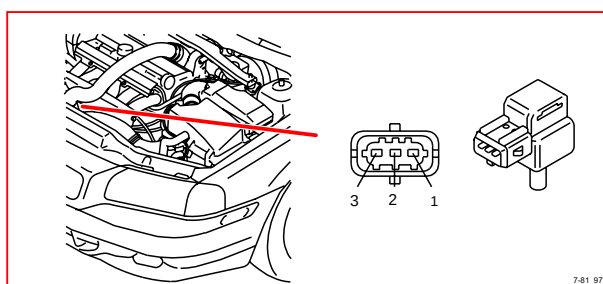
7/74 Fluid temperature sensor, automatic transmission, TF-80S/ AWD



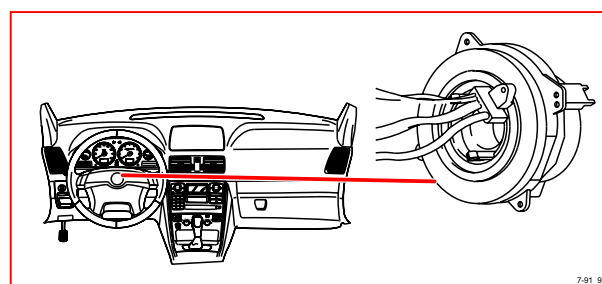
7/89 Acceleration sensor, Four-C, rear left



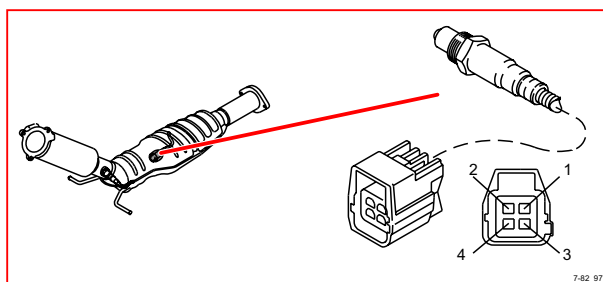
7/81 Pressure sensor, intake manifold



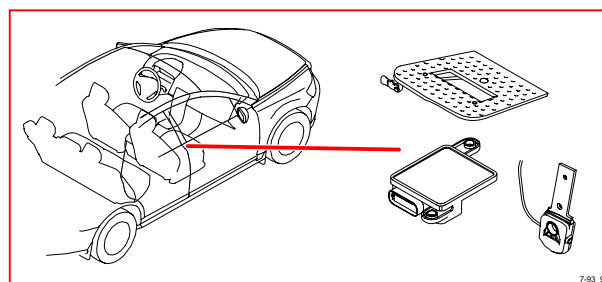
7/91 Steering angle sensor



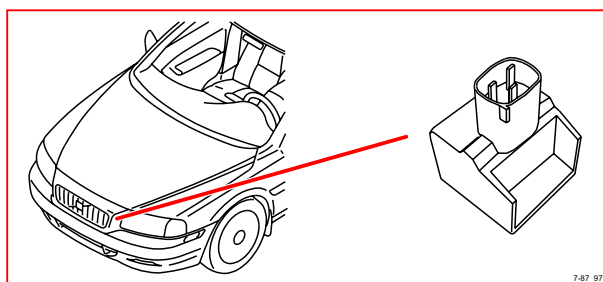
7/82 Rear heated oxygen sensor



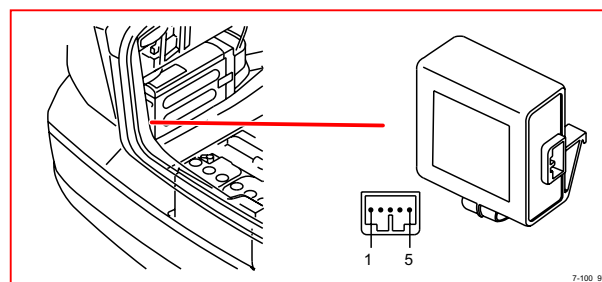
7/93 Occupant Weight Sensor (OWS)



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



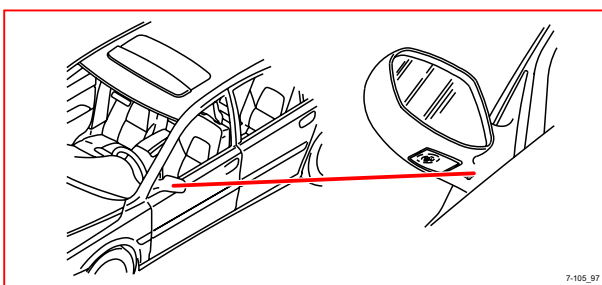
7/100 Inclination Sensor Module (ISM)



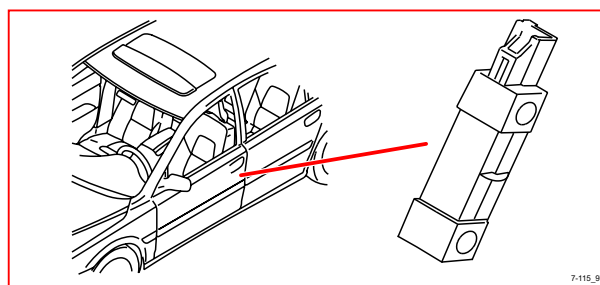
Component illustrations

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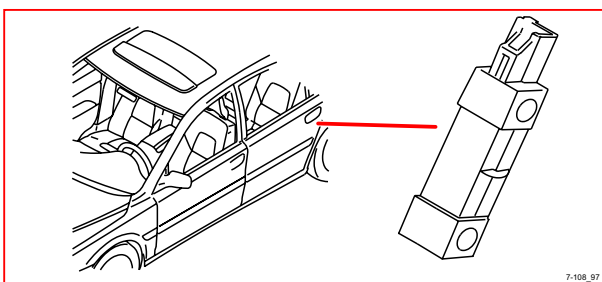
7/105 Outside temperature sensor, engine control module



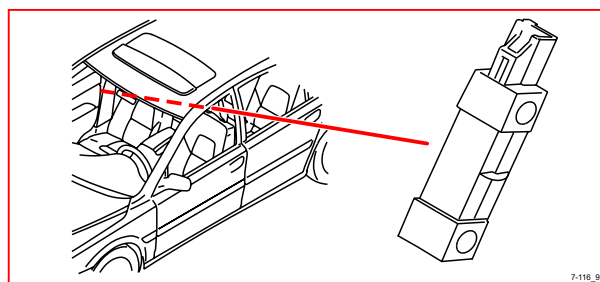
7/115 Left-hand front side impact sensor



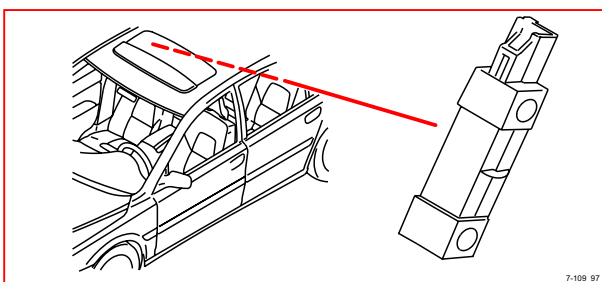
7/108 Left-hand rear side impact sensor



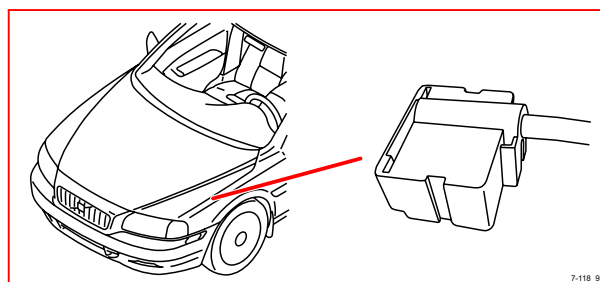
7/116 Right-hand front side impact sensor



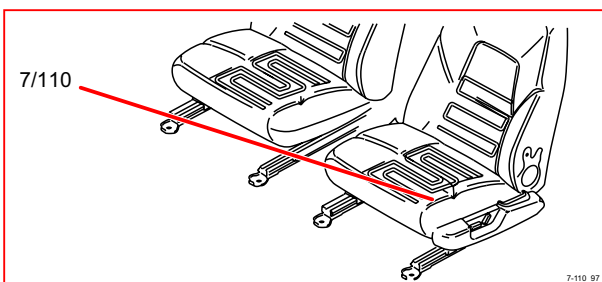
7/109 Right-hand rear side impact sensor



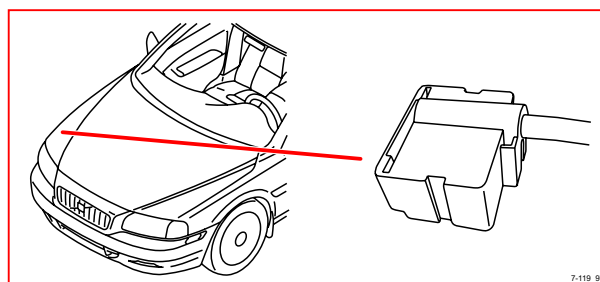
7/118 Acceleration sensor, shock absorber, Four-C, front left



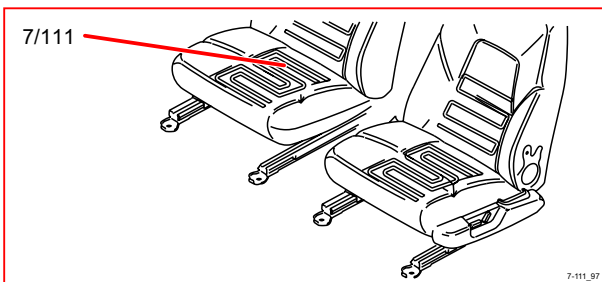
7/110 Left-hand seat temperature sensor



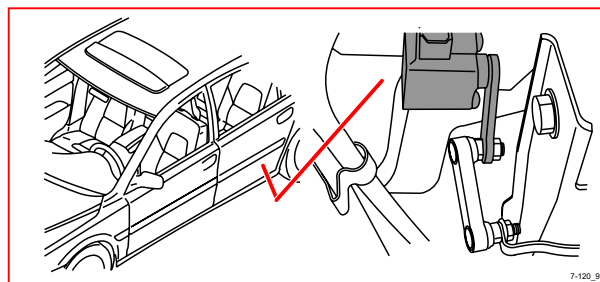
7/119 Acceleration sensor, shock absorber, Four-C, front right



7/111 Right-hand seat temperature sensor



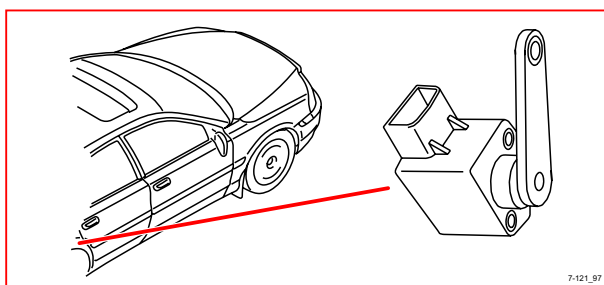
7/120 Rear left angle sensor, Four-C/ Bi-Xenon



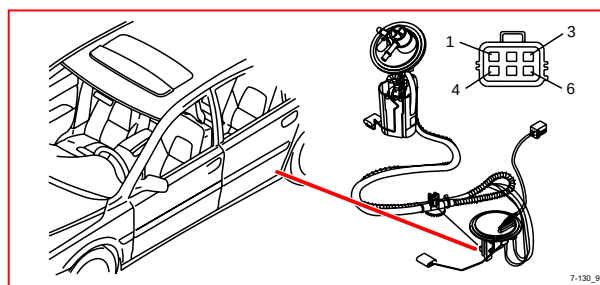
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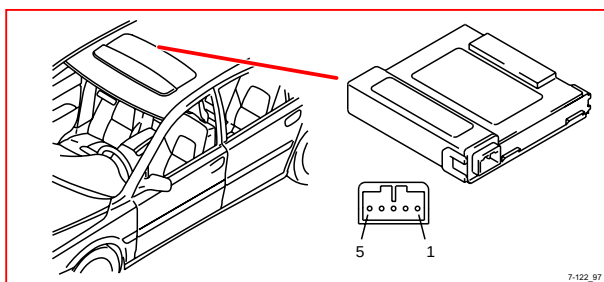
7/121 Rear right angle sensor, Four-C/ Bi-Xenon



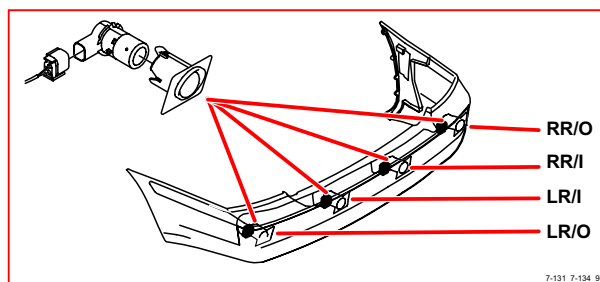
7/130 Fuel level sensor, ejector side



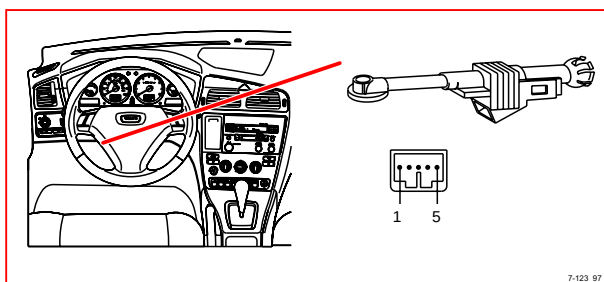
7/122 Mass movement sensor, front



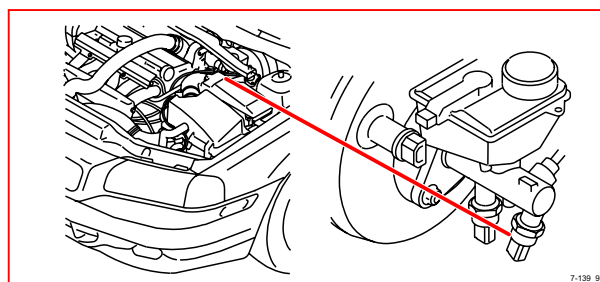
7/131-7/134 Parking assistance sensor, rear



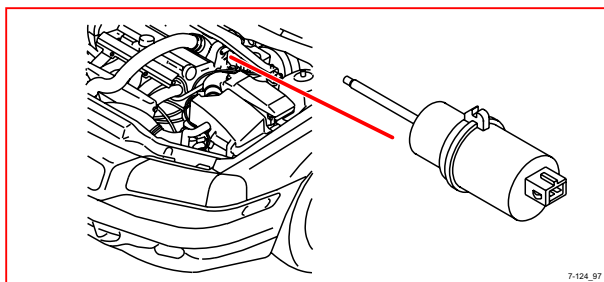
7/123 Clutch pedal sensor



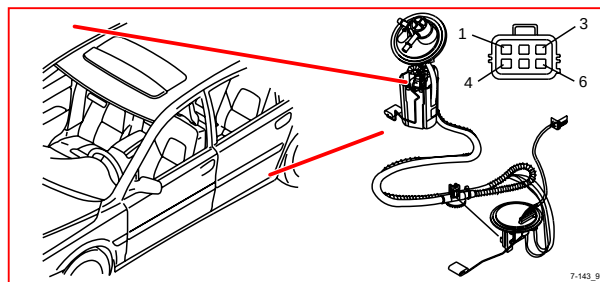
7/139 Brake pressure sensor 1



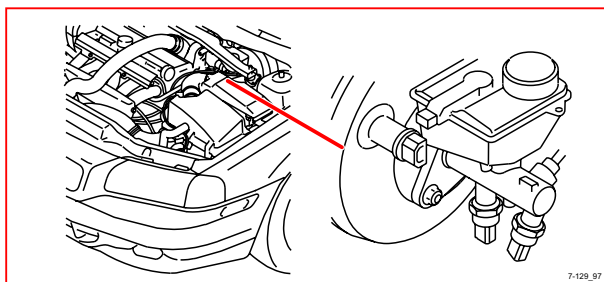
7/124 Brake pedal sensor



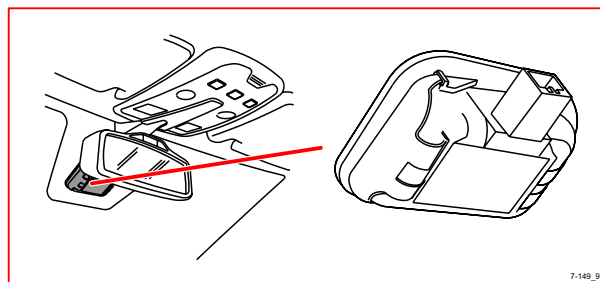
7/143 Fuel level sensor, pump side



7/129 Brake pressure sensor 2



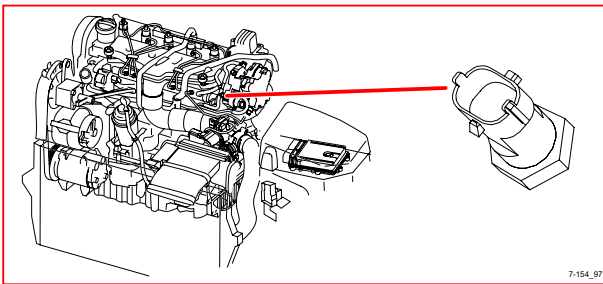
7/149 Rain Sensor Module (RSM)



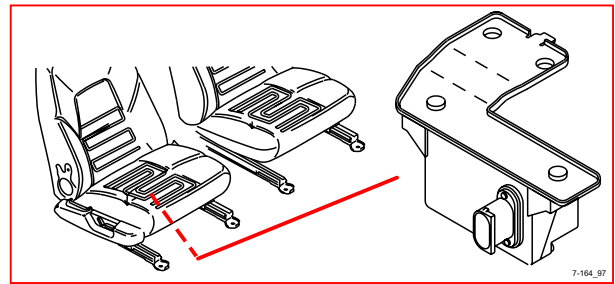
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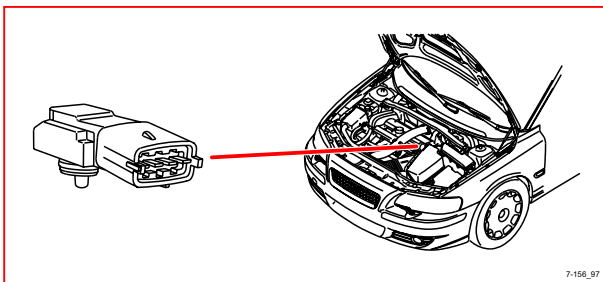
7/154 Fuel temperature sensor, Diesel



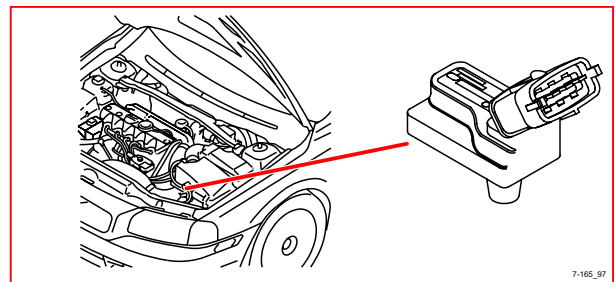
7/164 Body Sensor Cluster Stability Sensor (BSC)



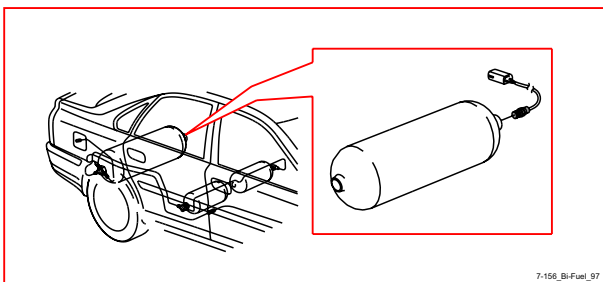
7/156 Pressure and temperature sensor, fuel



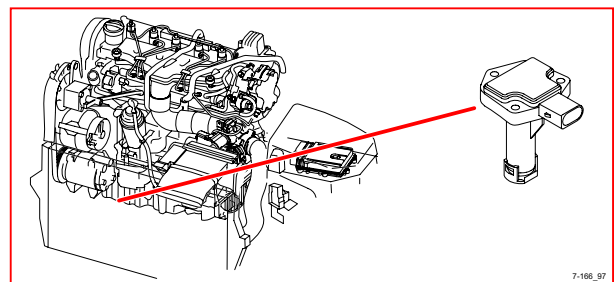
7/165 Pressure and temperature sensor, intake manifold



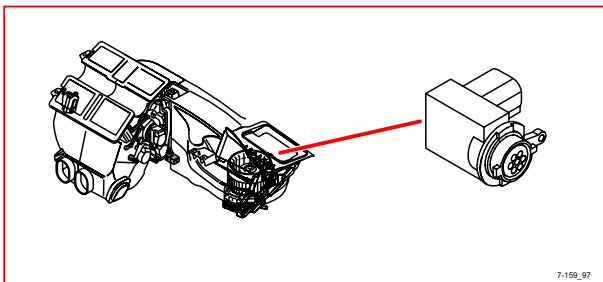
7/156 Pressure and temperature sensor, Bi-Fuel



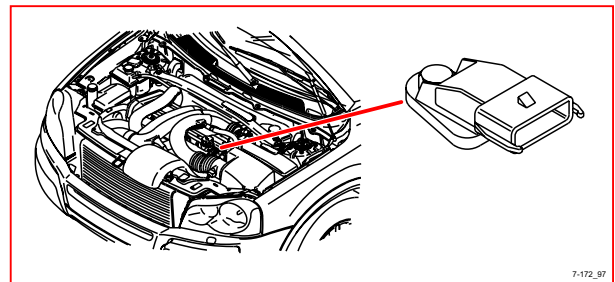
7/166 Oil level sensor, Diesel



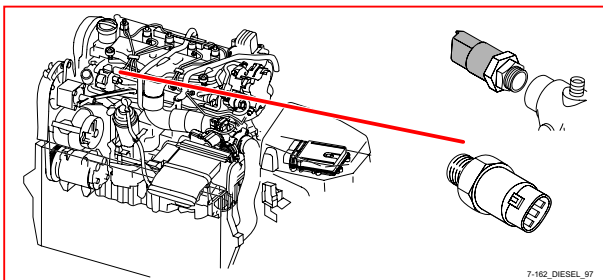
7/159 Air Quality Sensor (AQS)



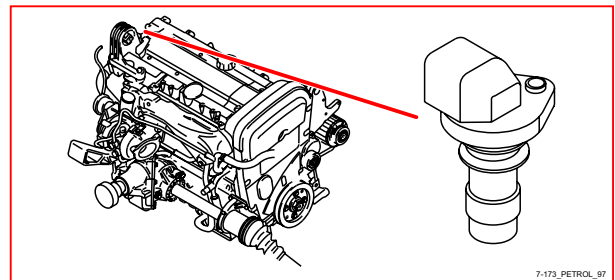
7/172 Camshaft position sensor, intake side



7/162 Fuel rail pressure sensor, Diesel



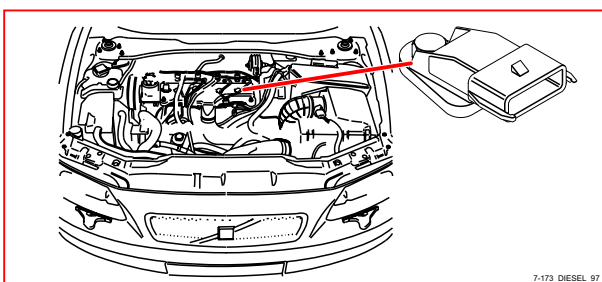
7/173 Camshaft position sensor, exhaust side



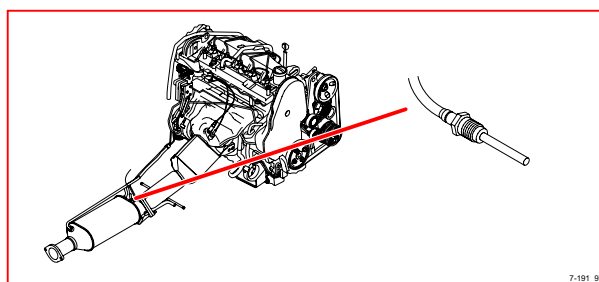
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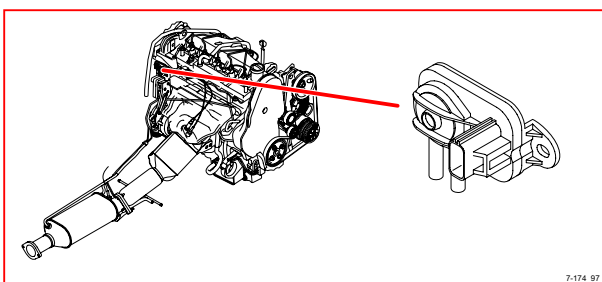
7/173 Camshaft position sensor, exhaust side, Diesel



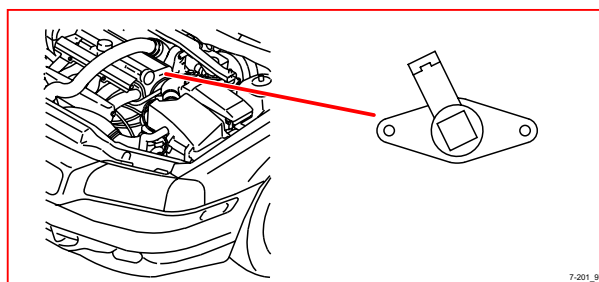
7/191 Temperature sensor, exhaust gases downstream of particle filter



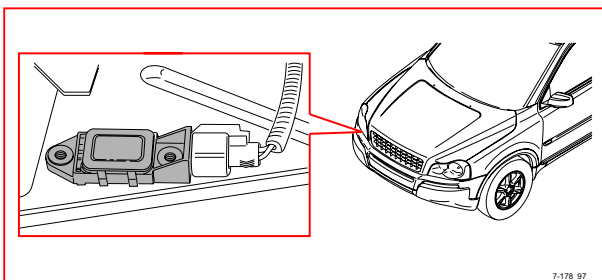
7/174 Differential pressure sensor, particle filter



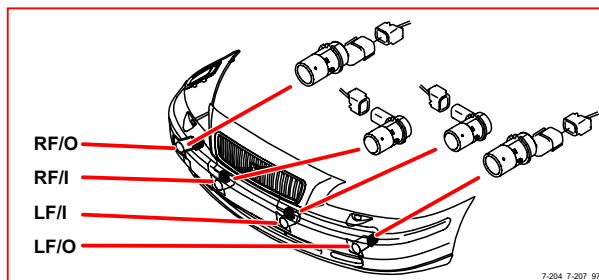
7/201 Pressure and temperature sensor, gas



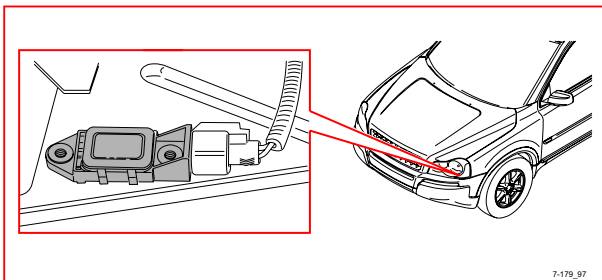
7/178 Front impact sensor, right



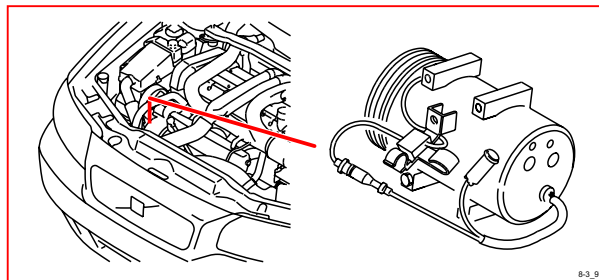
**7/204-
7/207 Parking assistance sensor, front**



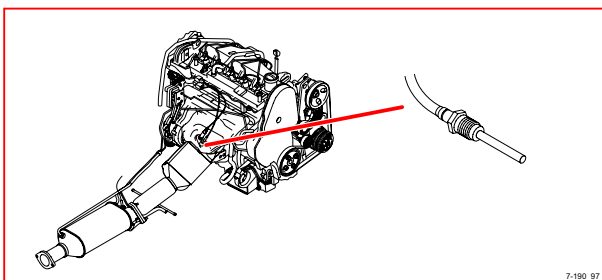
7/179 Front impact sensor, left



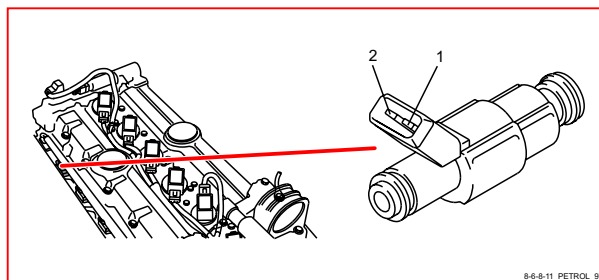
8/3 Electromagnetic clutch, climate control system



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



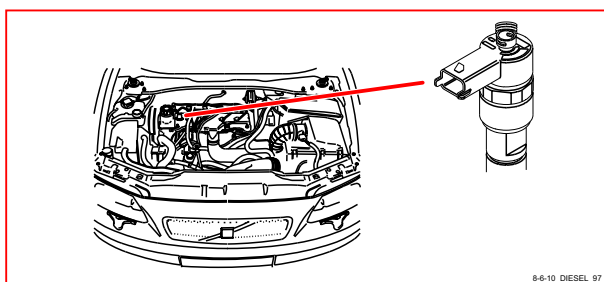
8/6-11 Injectors



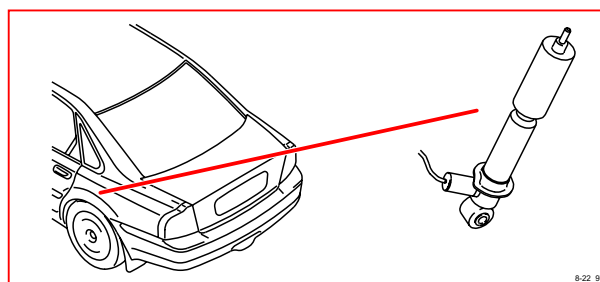
Component illustrations

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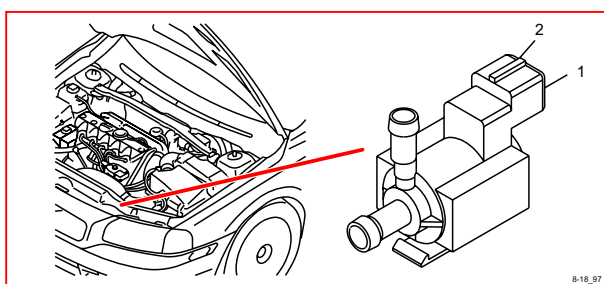
8/6-10 Injectors, Diesel



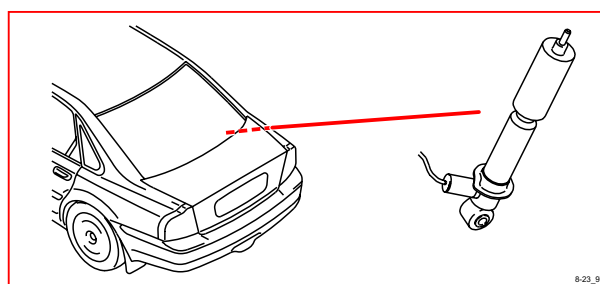
8/22 Shock absorber, Four-C, rear left



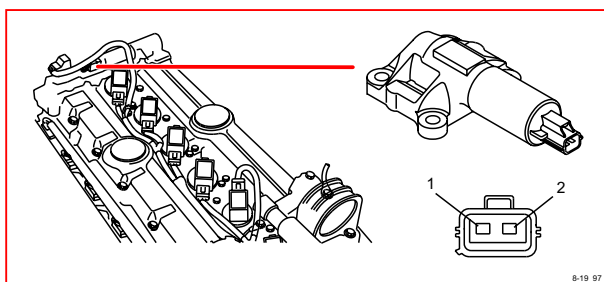
8/18 EVAP valve



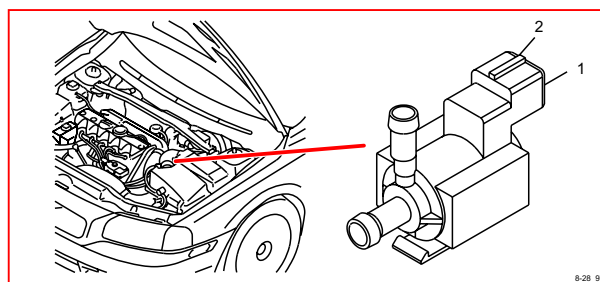
8/23 Shock absorber, Four-C, rear right



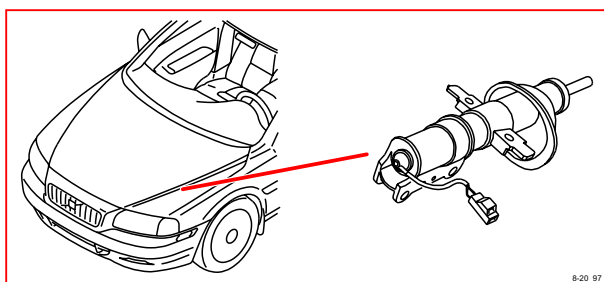
8/19 Solenoid, variable valve timing intake



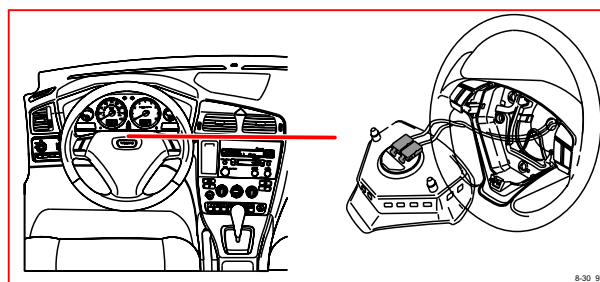
8/28 Turbo control valve



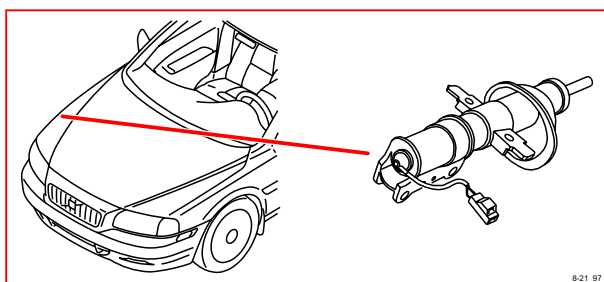
8/20 Shock absorber, Four-C, front left



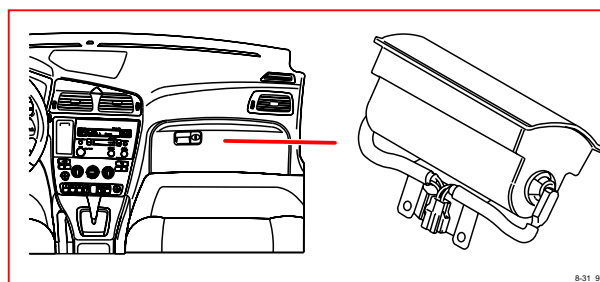
8/30 Driver's side airbag igniter



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



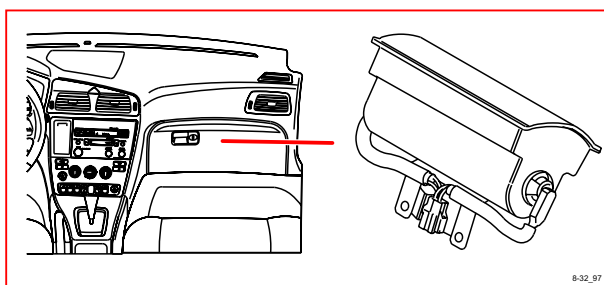
8/31 Passenger side airbag igniter



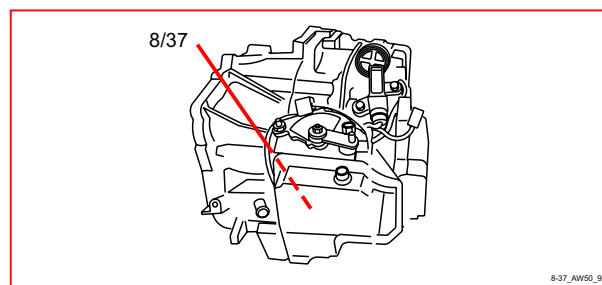
Component illustrations

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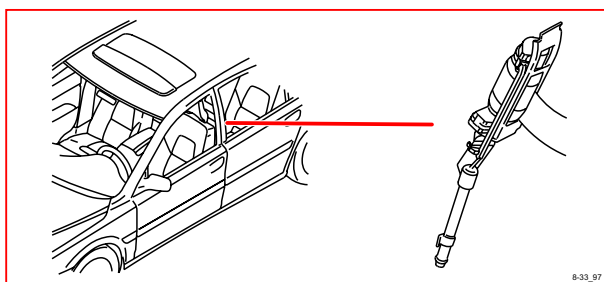
8/32 Igniter, passenger side airbag stage 2



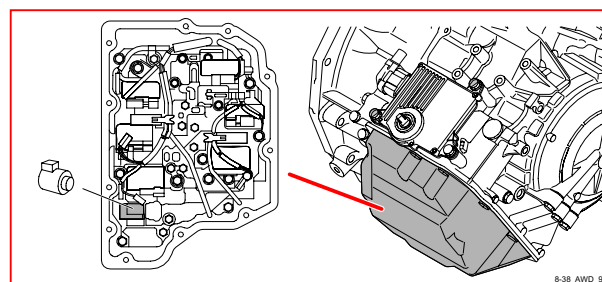
8/37 Automatic transmission, AW55-51/51 AWD



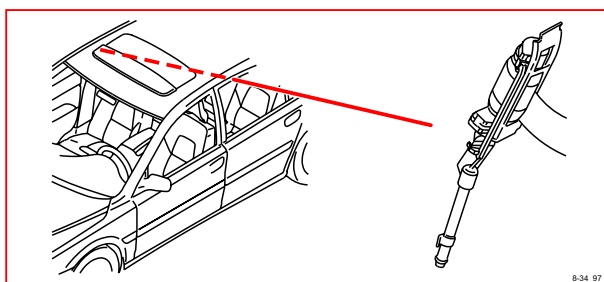
8/33 Front left seat belt tensioner igniter



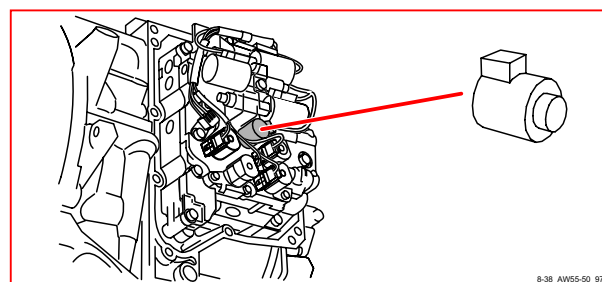
8/38 Shift solenoid 1, TF-80SC/AWD



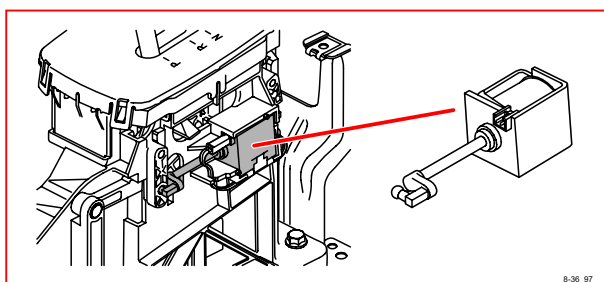
8/34 Front right seat belt tensioner igniter



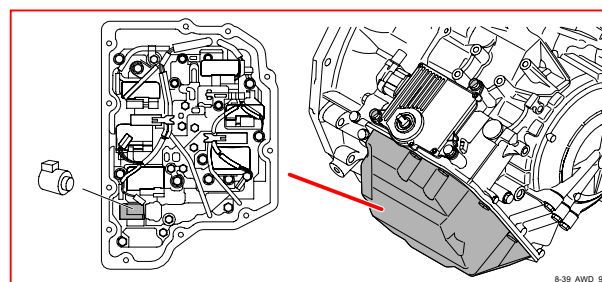
8/38 Shift solenoid 1, AW55-51/51 AWD



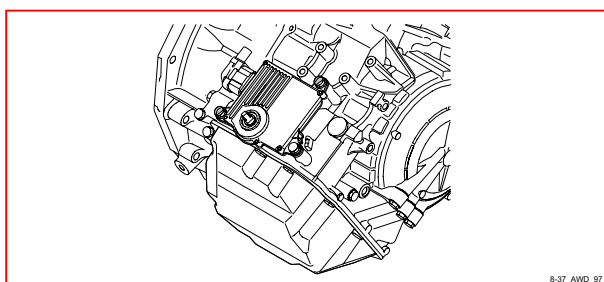
8/36 Shift lock solenoid



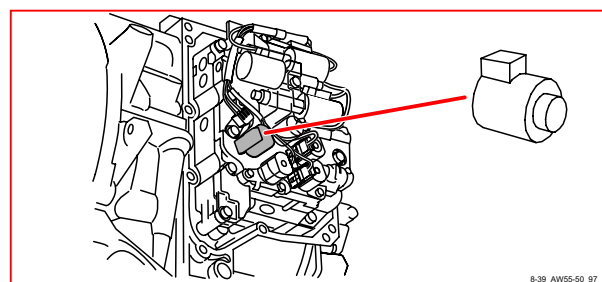
8/39 Shift solenoid 2, TF-80SC/AWD



8/37 Automatic transmission, TF-80SC/AWD



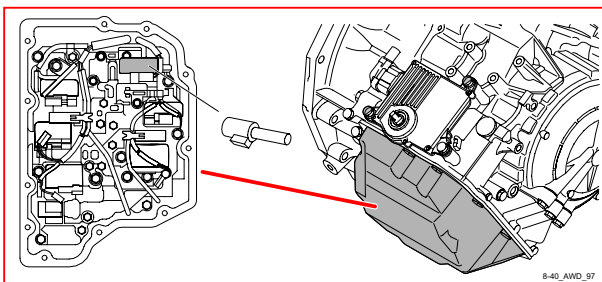
8/39 Shift solenoid 2, AW55-51/51 AWD



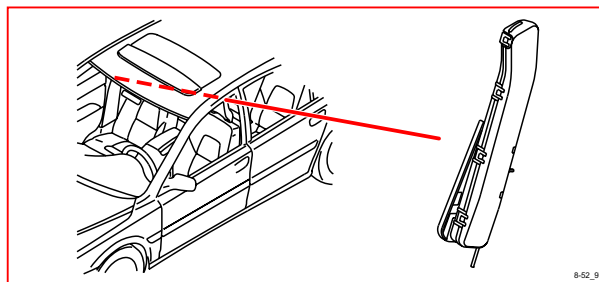
Component illustrations

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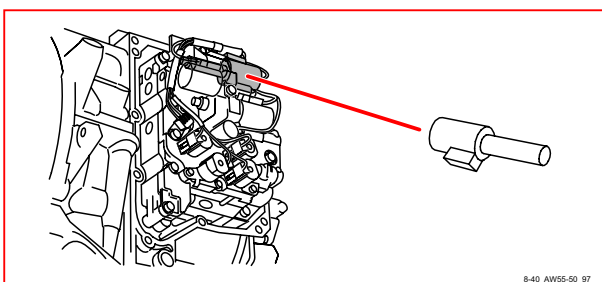
8/40 Lock-up solenoid, TF-80SC/AWD



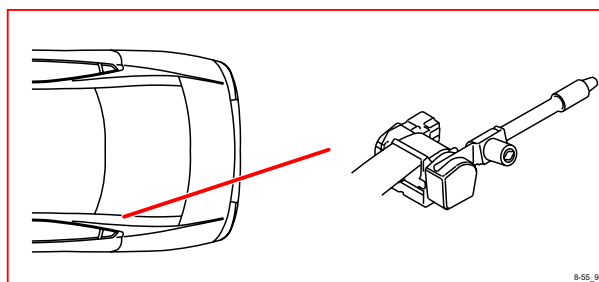
8/52 Front right side airbag igniter



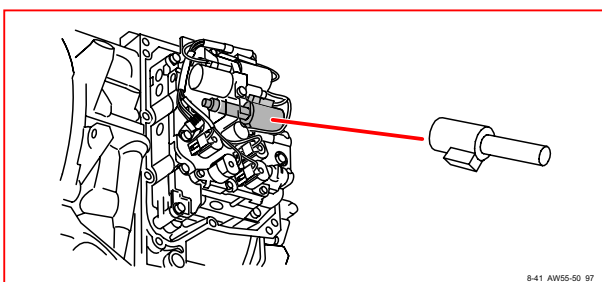
8/40 Lock-up solenoid, AW55-51/51 AWD



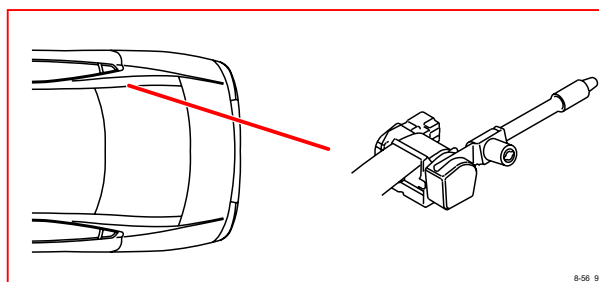
8/55 Rear left belt tensioner igniter



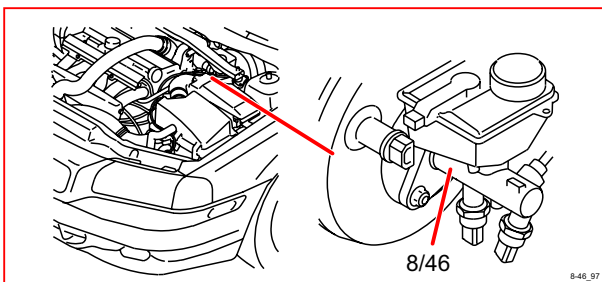
8/41 Pressure solenoid, AW 55-51/51 AWD



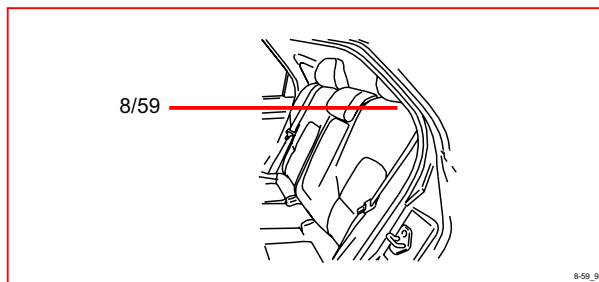
8/56 Rear right belt tensioner igniter



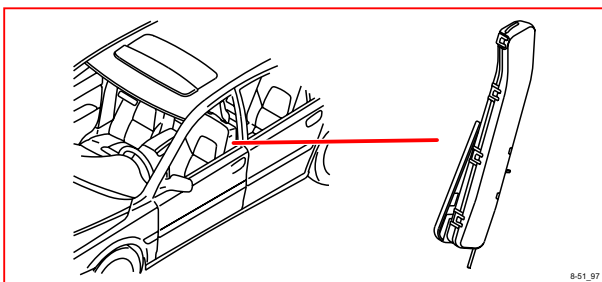
8/46 Archive unit, DSTC



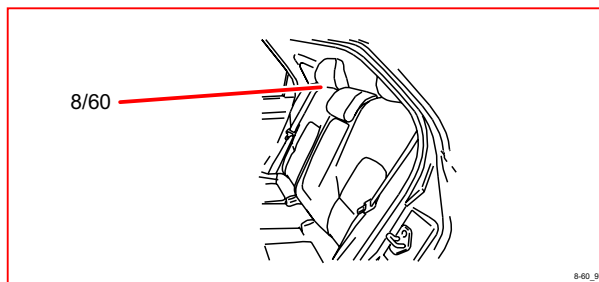
8/59 Rear left head restraint solenoid



8/51 Front left side airbag igniter



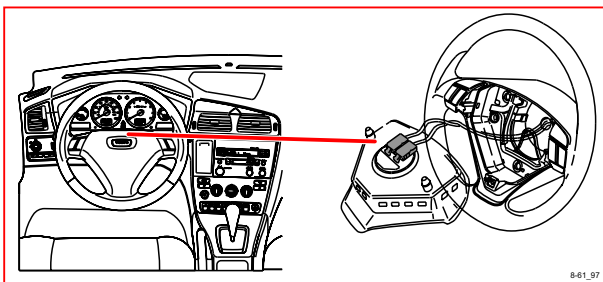
8/60 Rear right head restraint solenoid



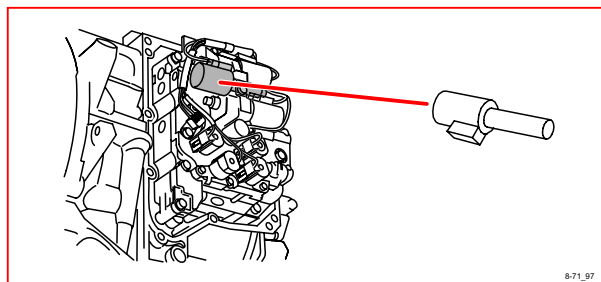
Component illustrations

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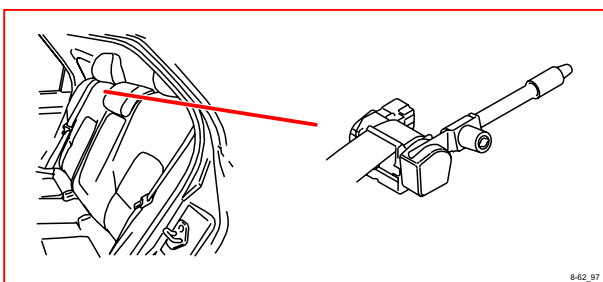
8/61 Driver's side airbag igniter, stage 2



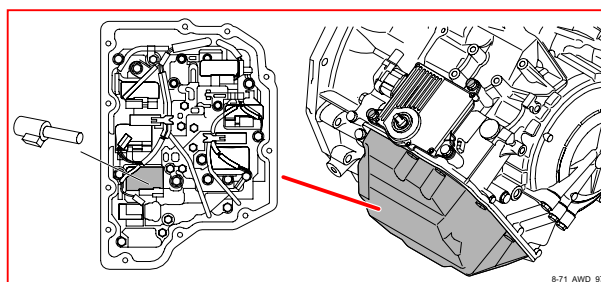
8/71 Throttle solenoid, AW 55/51 AWD



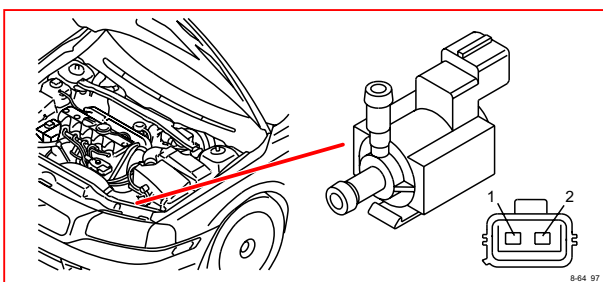
8/62 Belt tensioner igniter, center rear seat



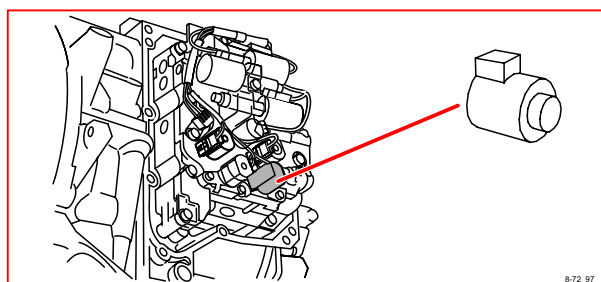
8/71 Throttle solenoid, TF-80SC/AWD



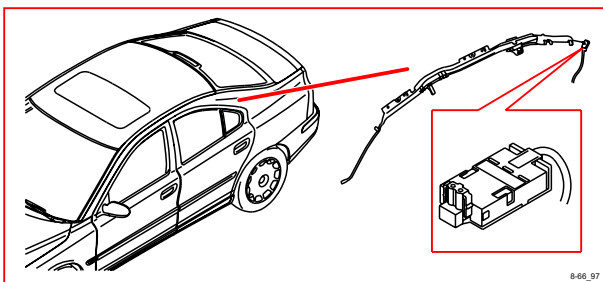
8/64 Solenoid valve, engine mounting, Diesel



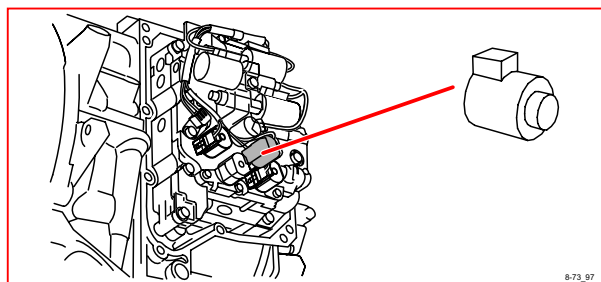
8/72 Shift solenoid 3, AW55-51SN/AW51 AWD



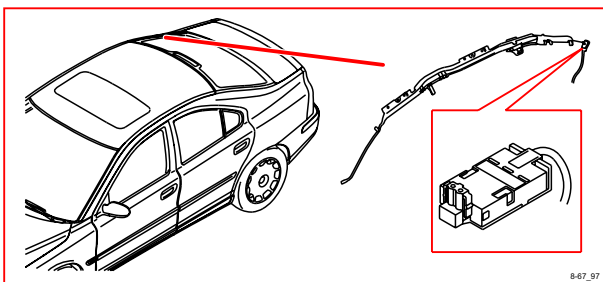
8/66 Left-hand inflatable curtain igniter



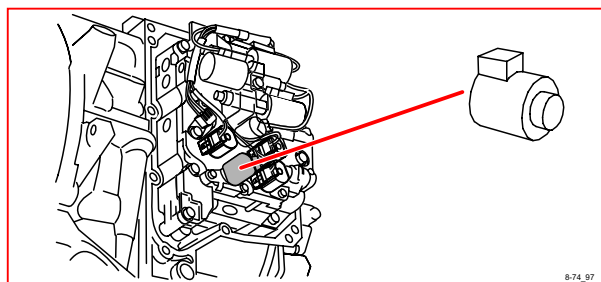
8/73 Shift solenoid 4, AW55-51SN/AW51 AWD



8/67 Right-hand inflatable curtain igniter



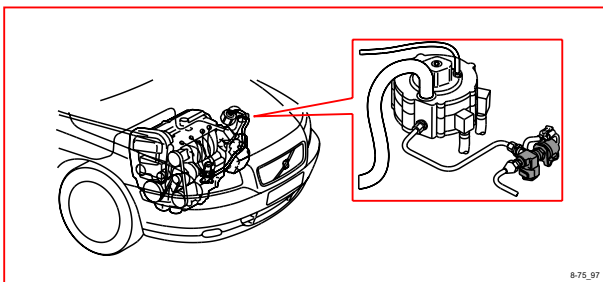
8/74 Shift solenoid 5, AW55-51SN/AW51 AWD



Component illustrations

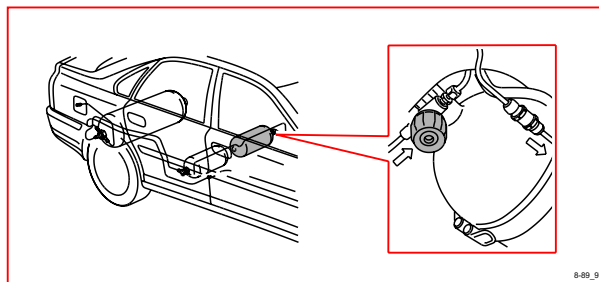
8/75 - 8/113

8/75 Valve, fuel cut-off DFCO



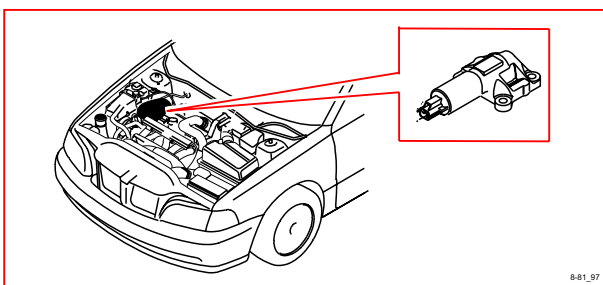
8-75_97

8/89 Front left solenoid, fuel tank, Bi-Fuel



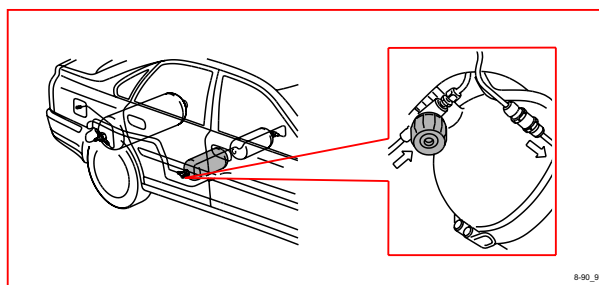
8-89_97

8/81 Solenoid, variable valve timing exhaust



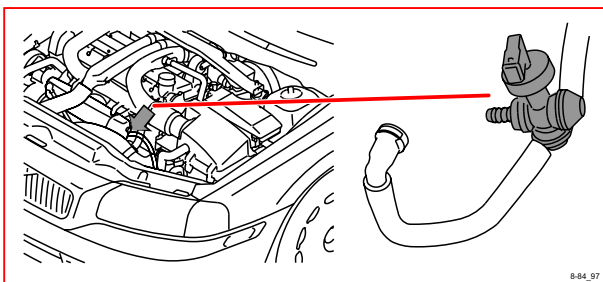
8-81_97

8/90 Front right solenoid, fuel tank, Bi-Fuel



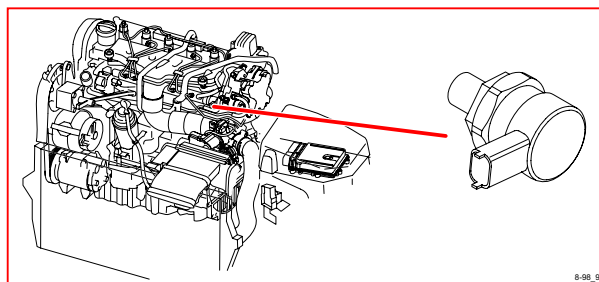
8-90_97

8/84 Switch, vacuum pump



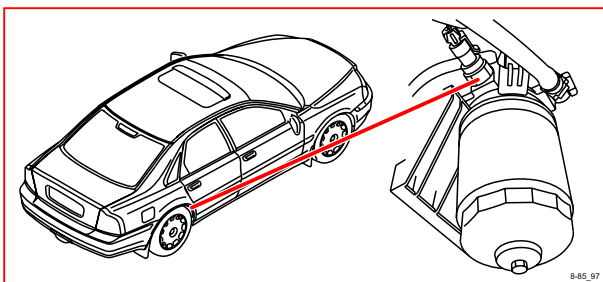
8-84_97

8/98 Fuel pressure control valve, Diesel



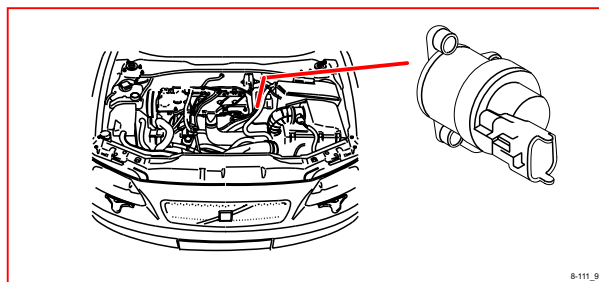
8-98_97

8/85 Thermostatic switch and fuel filter heating



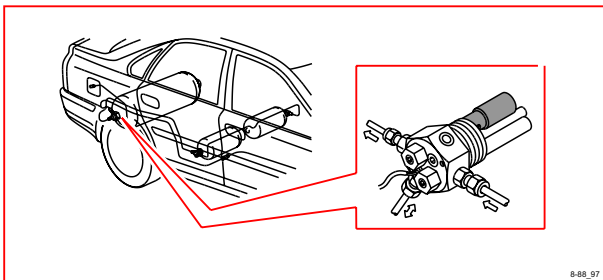
8-85_97

8/111 High-pressure solenoid valve, Diesel



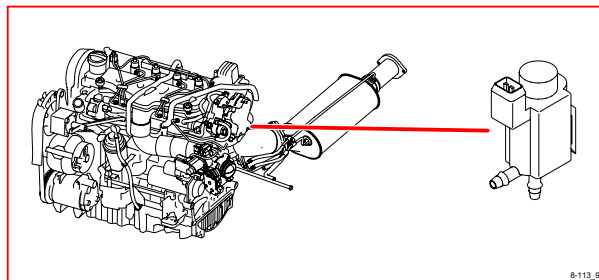
8-111_97

8/88 Rear solenoid, fuel tank, Bi-Fuel



8-88_97

8/113 Bypass valve, EGR cooling

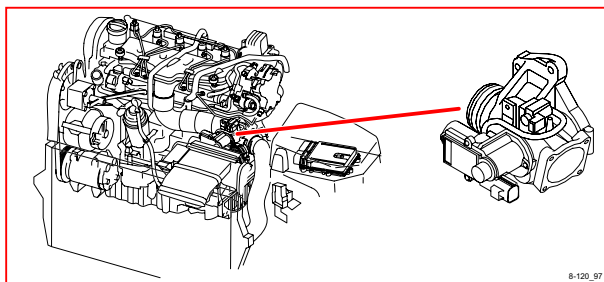


8-113_97

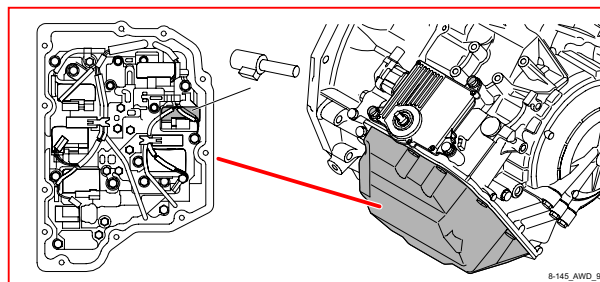
Component illustrations

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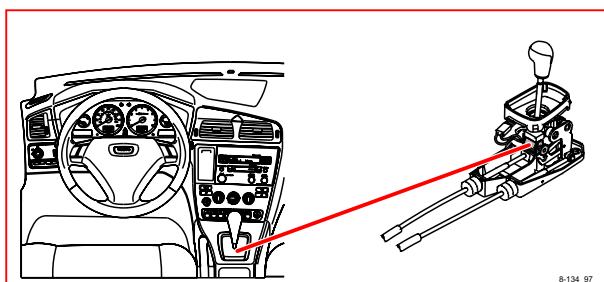
8/120 EGR valve



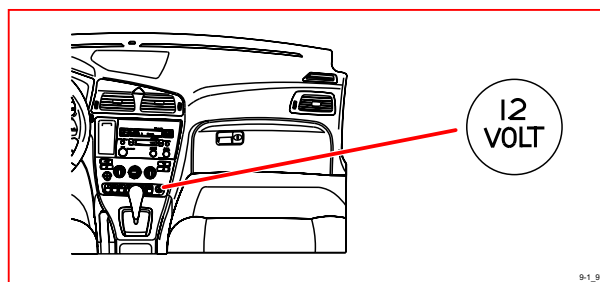
**8/145 Linear pressure solenoid SLC3
TF-80SC/AWD**



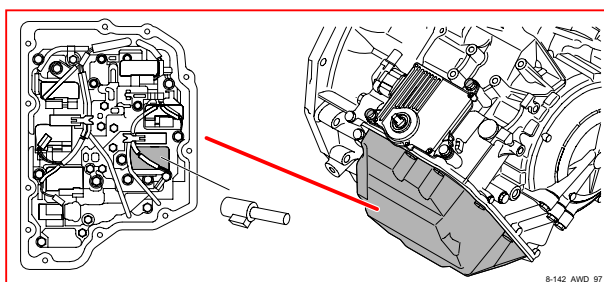
8/134 Solenoid, reverse interlock, manual



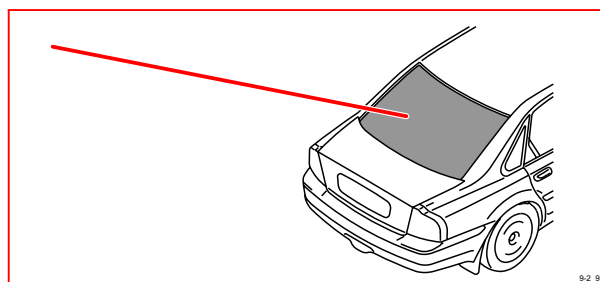
9/1 Front 12V outlet



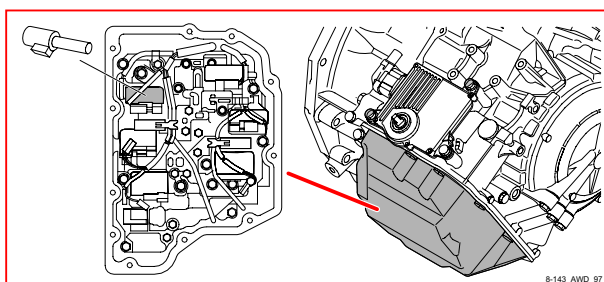
**8/142 Linear pressure solenoid SLB1
TF-80SC/AWD**



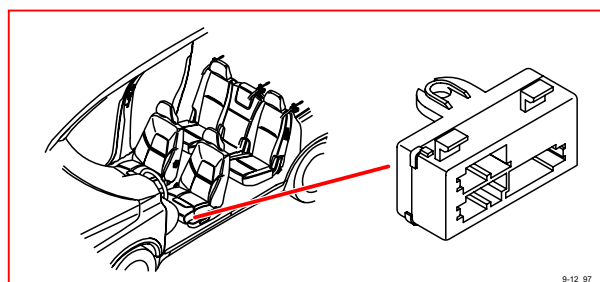
9/2 Heated rear window



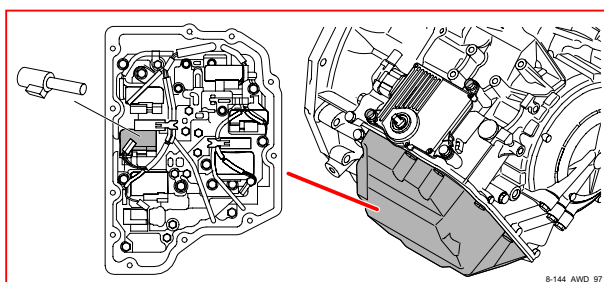
**8/143 Linear pressure solenoid SLC1
TF-80SC/AWD**



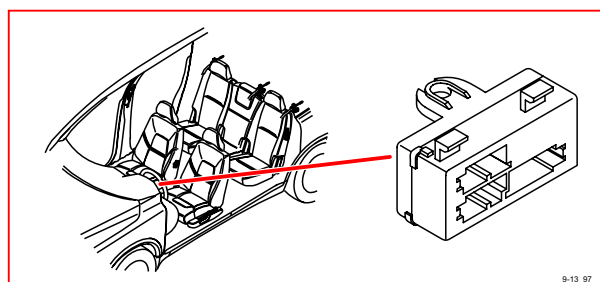
9/12 Seat Heating Module (SHM), left



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



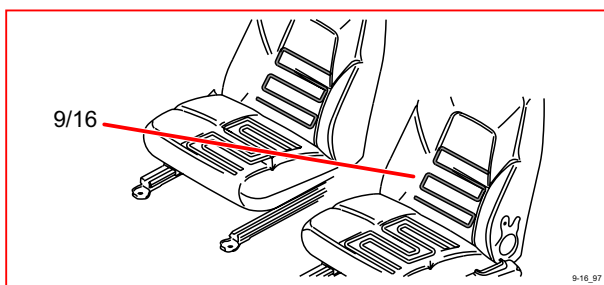
9/13 Seat Heating Module (SHM), right



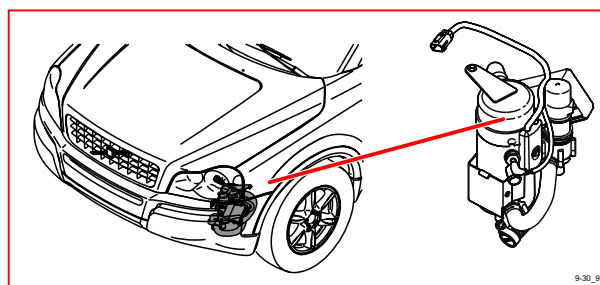
Component illustrations

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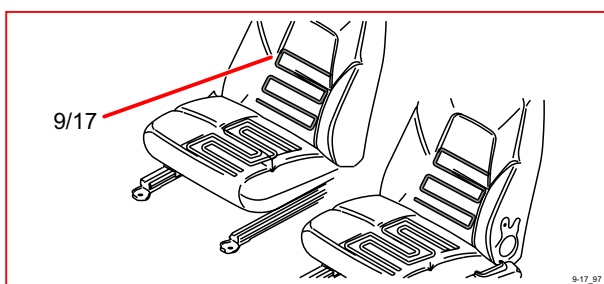
9/16 Left-hand backrest heating element



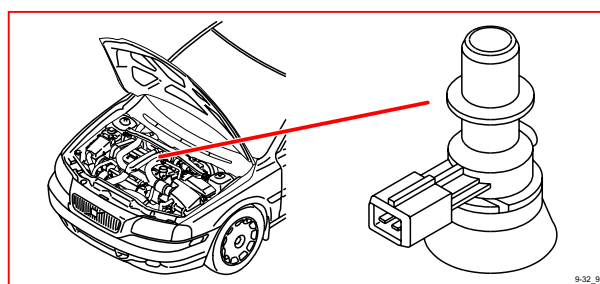
9/30 Auxiliary heater



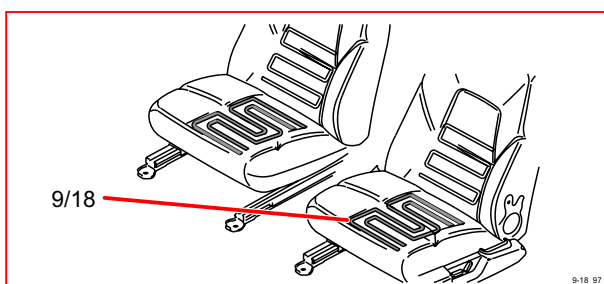
9/17 Right-hand backrest heating element



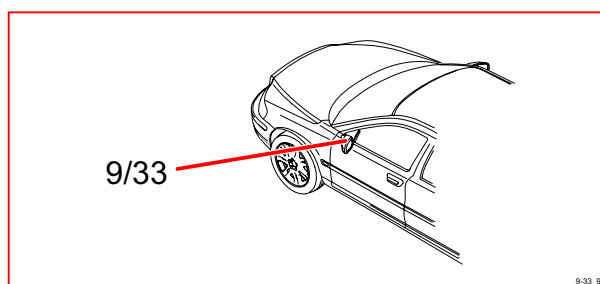
9/32 PTC resistor, crankcase ventilation



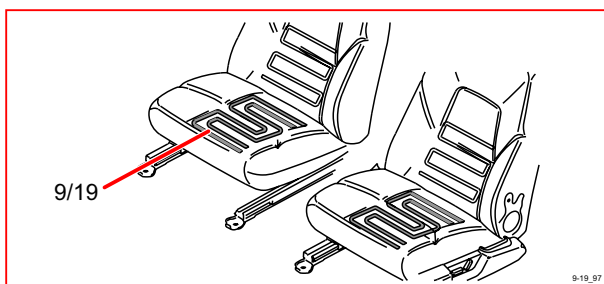
9/18 Left-hand seat heating element



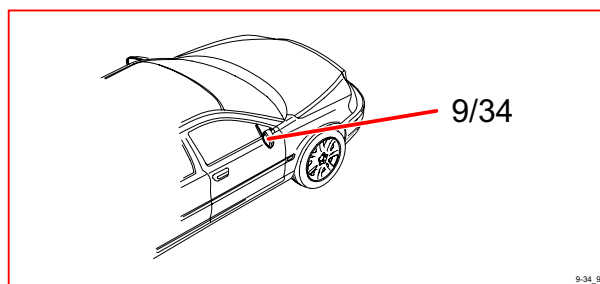
9/33 Left-hand heated door mirror



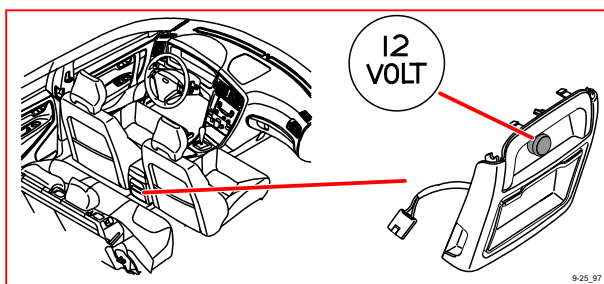
9/19 Right-hand seat heating element



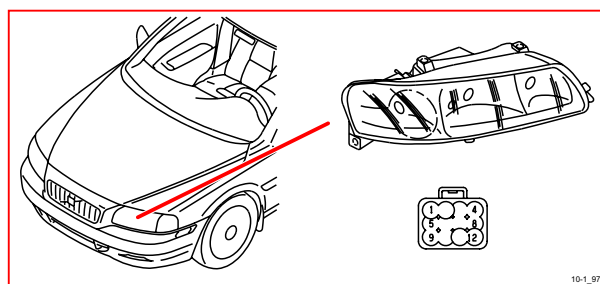
9/34 Right-hand heated door mirror



9/25 Rear 12V outlet

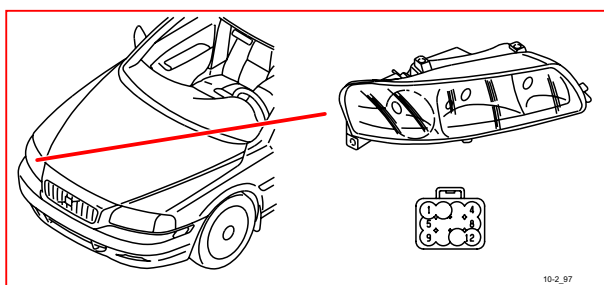


10/1 Left-hand front lamp housing

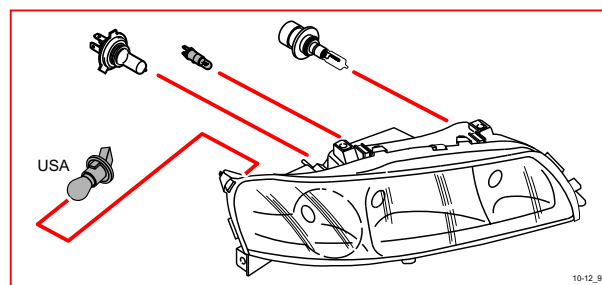


Component illustrations 10/2 - 10/16

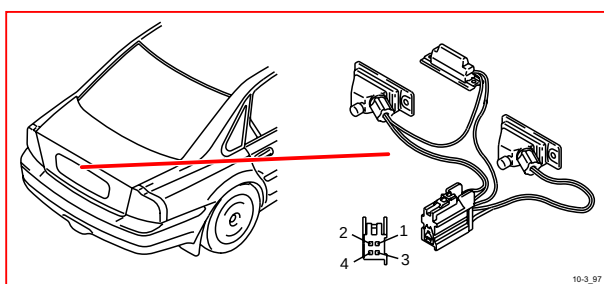
10/2 Right-hand front lamp housing



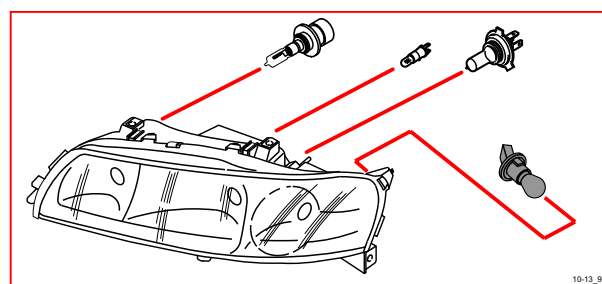
10/12 Front right running/parking light



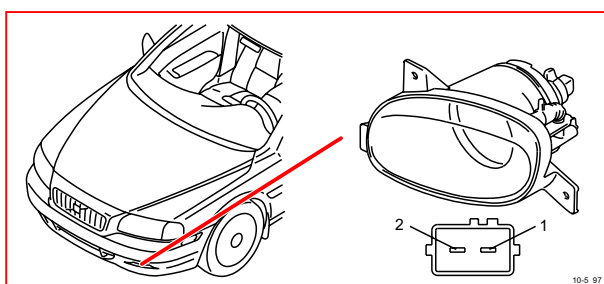
10/3 License plate lighting



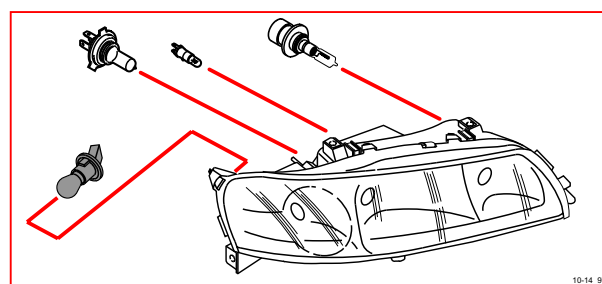
10/13 Front left direction indicator



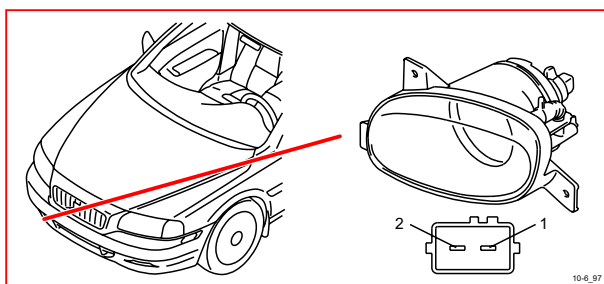
10/5 Front left fog light



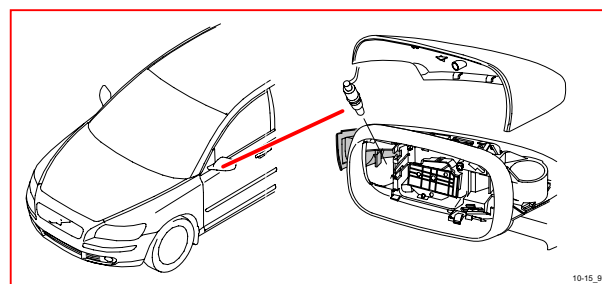
10/14 Front right direction indicator



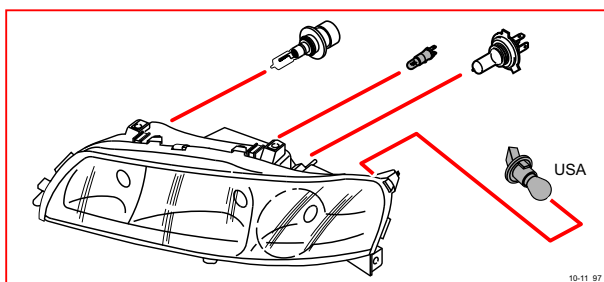
10/6 Front right fog light



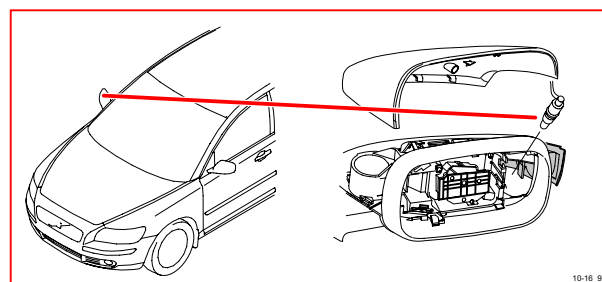
10/15 Direction indicator, left door mirror



10/11 Front left running/parking light



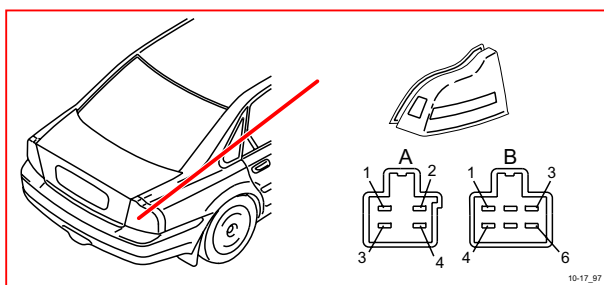
10/16 Direction indicator, right door mirror



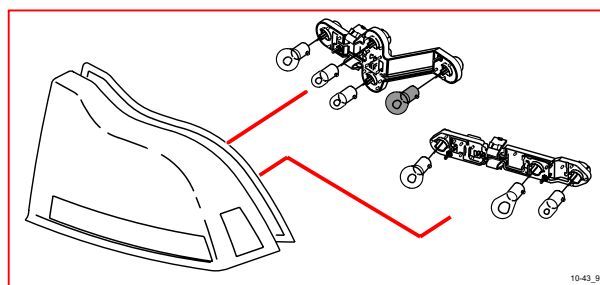
Component illustrations

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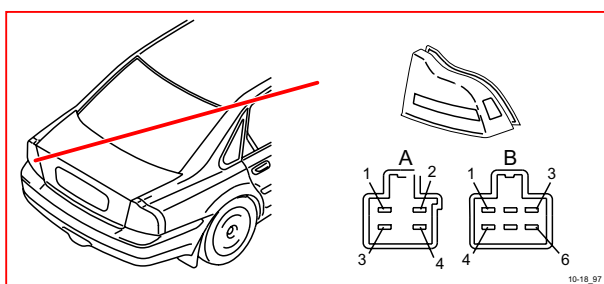
10/17 Lamp housing, rear right



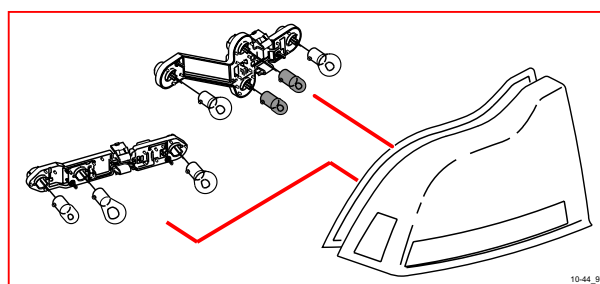
10/43 Right brake light



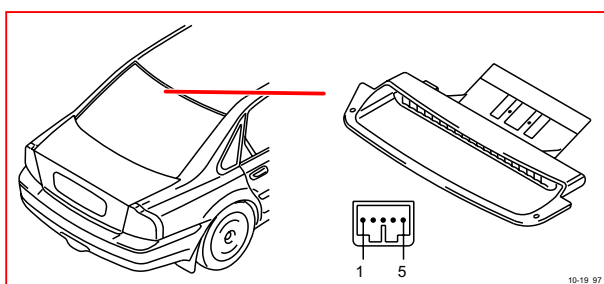
10/18 Lamp housing, rear left



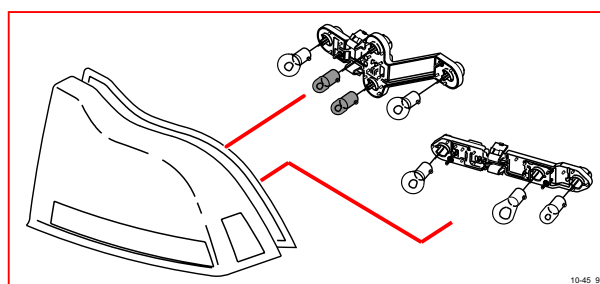
10/44 Right-hand tail light lamp 1



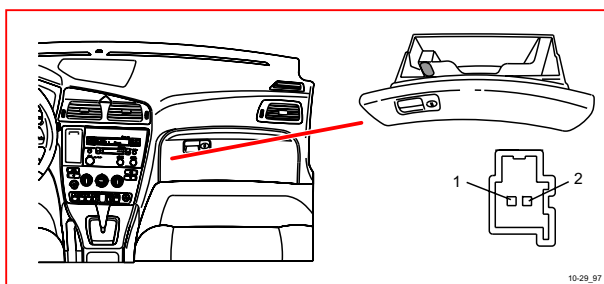
10/19 Auxiliary brake light



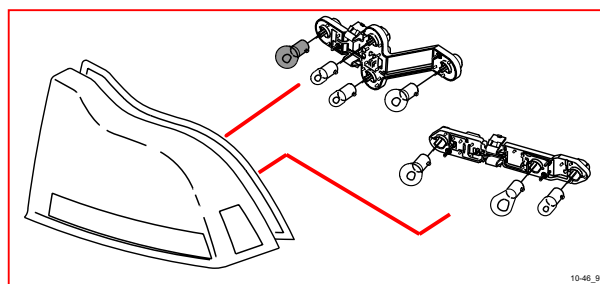
10/45 Right-hand tail light lamp 2



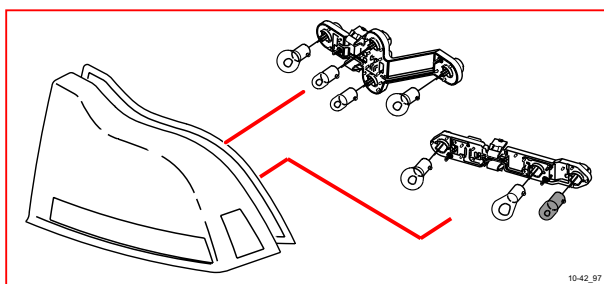
10/29 Glove compartment lighting



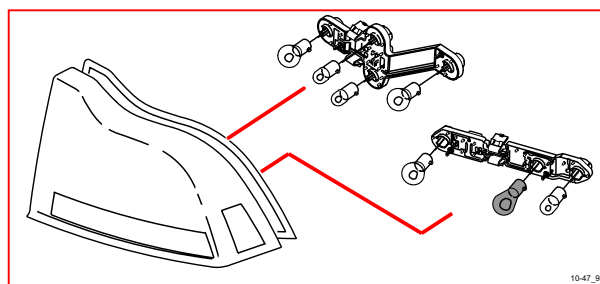
10/46 Fog light, rear right



10/42 Rear right running/parking light



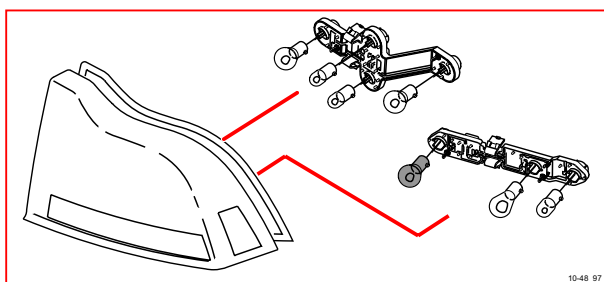
10/47 Right-hand rear direction indicator



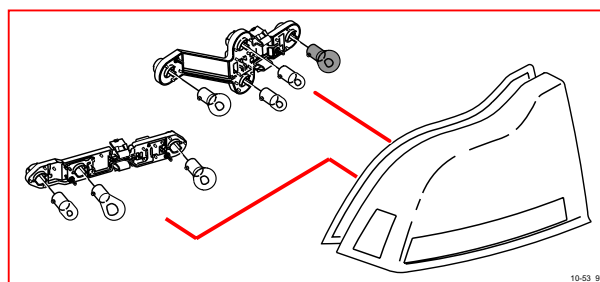
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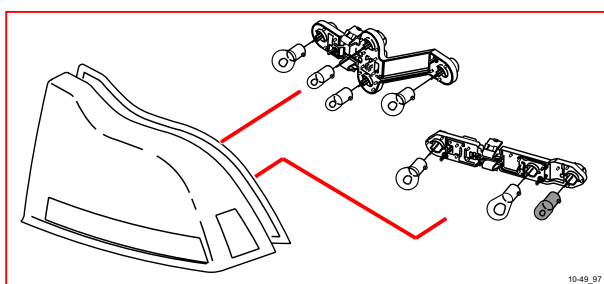
10/48 Right-hand reversing light



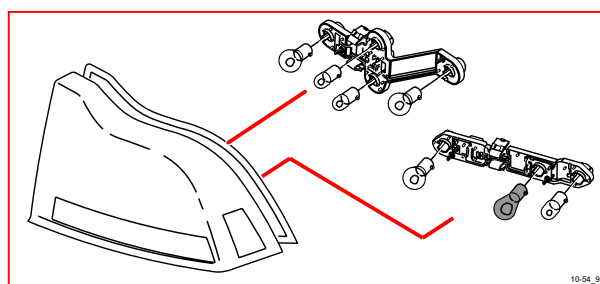
10/53 Fog light, rear left



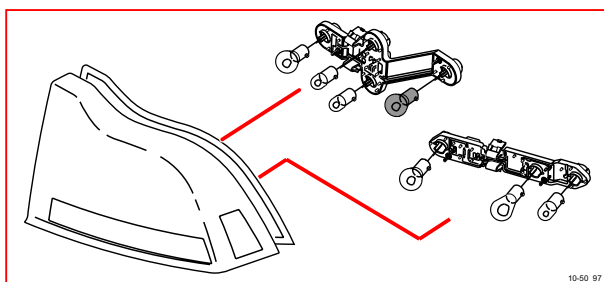
10/49 Rear left running/parking light



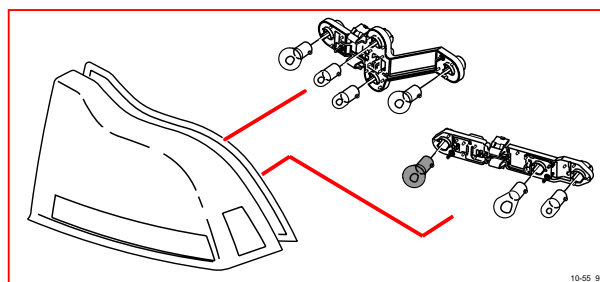
10/54 Rear direction indicator



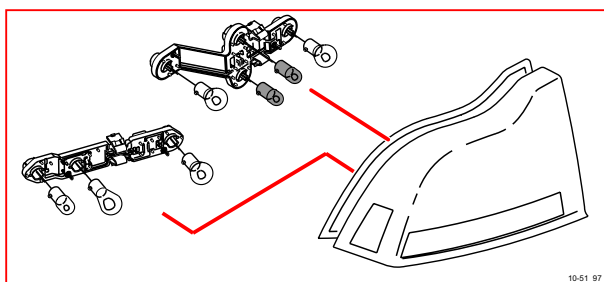
10/50 Left brake light



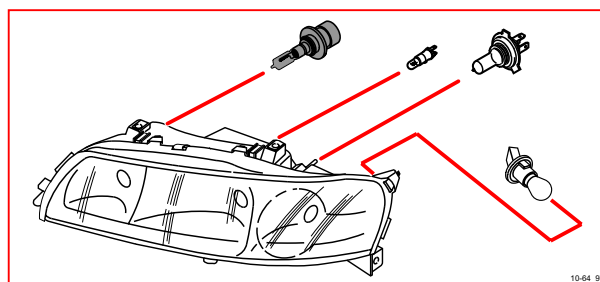
10/55 Left-hand reversing light



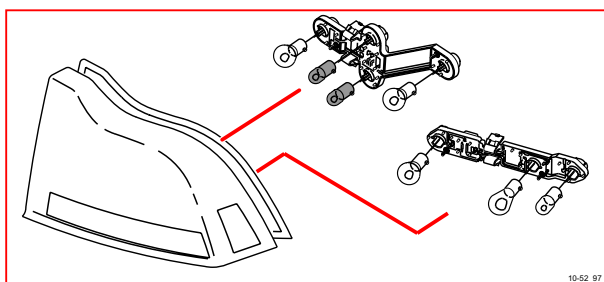
10/51 Left-hand tail light lamp 1



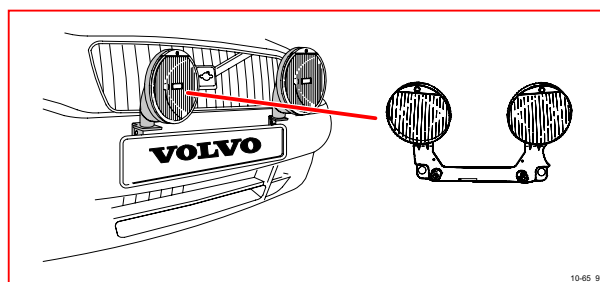
10/64 Right-hand high beam



10/52 Left-hand tail light lamp 2

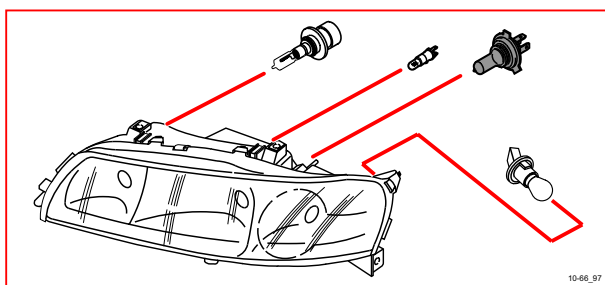


10/65 Auxiliary light, front right

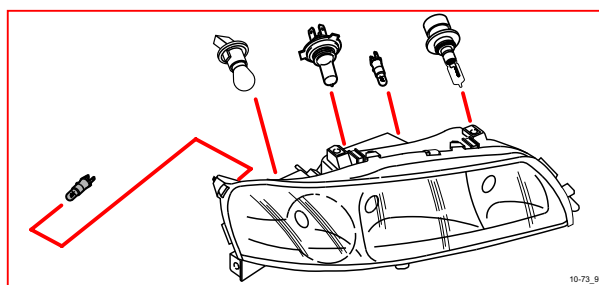


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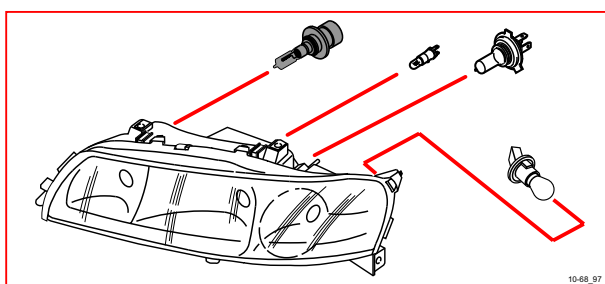
10/66 Right-hand low beam



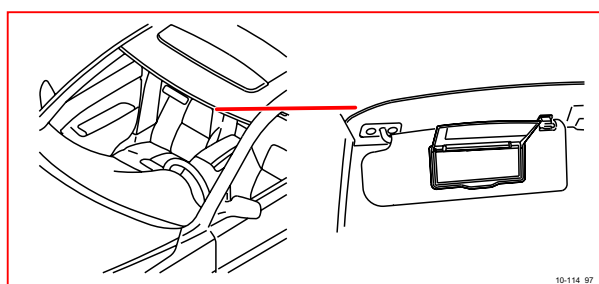
10/73 Side running light, front right



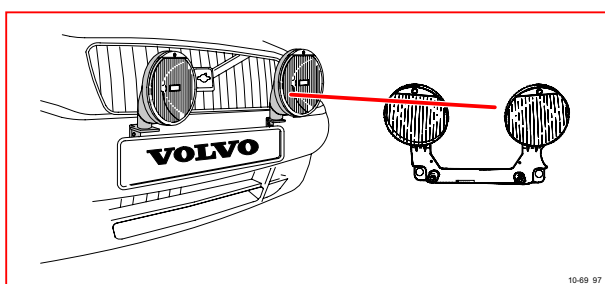
10/68 Left-hand high beam



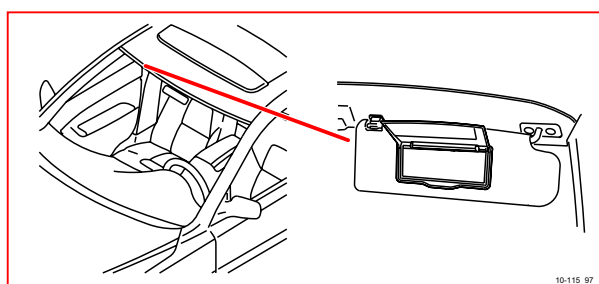
10/114 Left-hand vanity mirror lighting



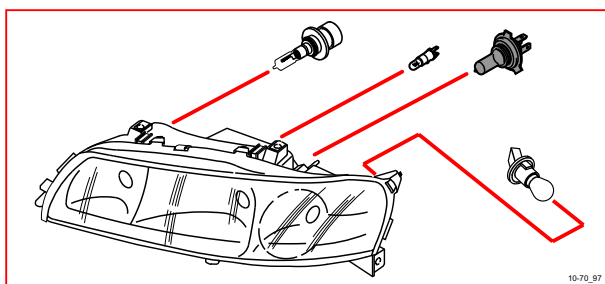
10/69 Auxiliary light, front left



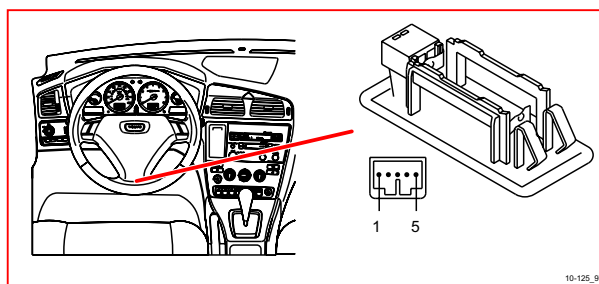
10/115 Right-hand vanity mirror lighting



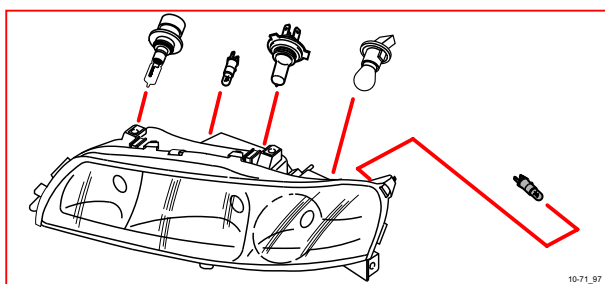
10/70 Left-hand low beam



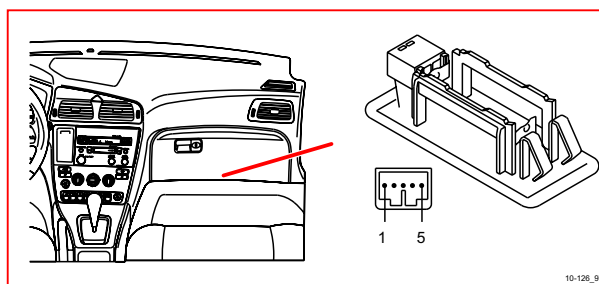
10/125 Left-hand front courtesy lighting



10/71 Side running light, front left



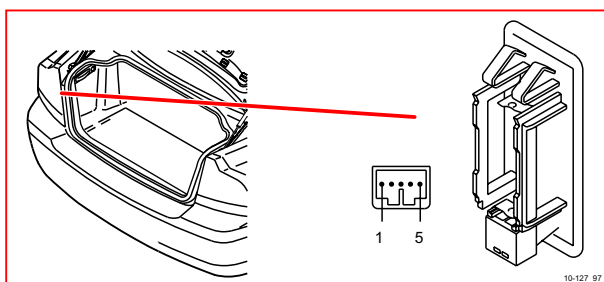
10/126 Right-hand front courtesy lighting



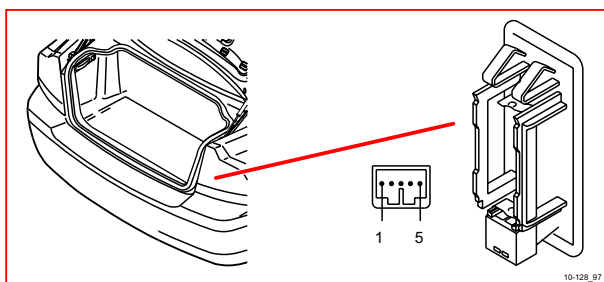
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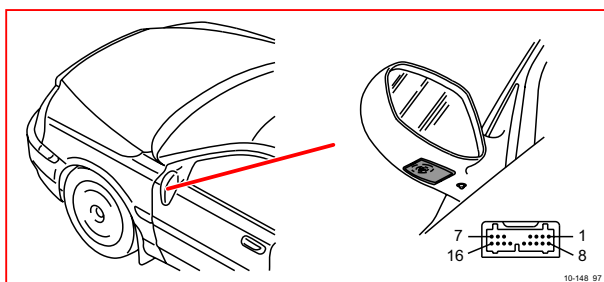
10/127 Lighting, cargo compartment, left-hand side



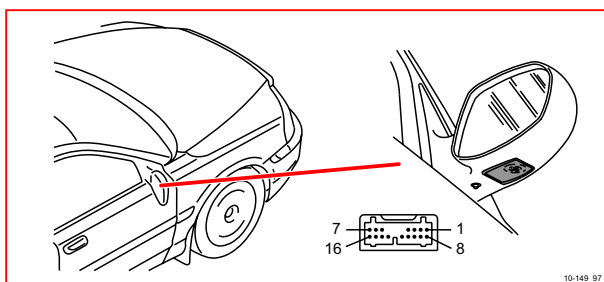
10/128 Lighting, cargo compartment, right-hand side



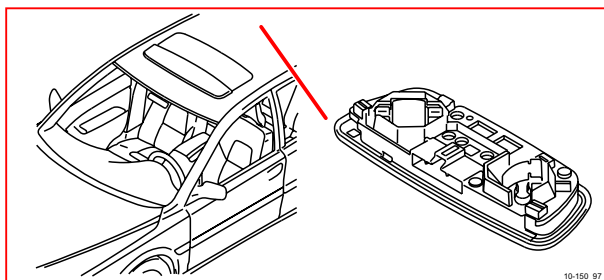
10/148 Left-hand rearview mirror lighting



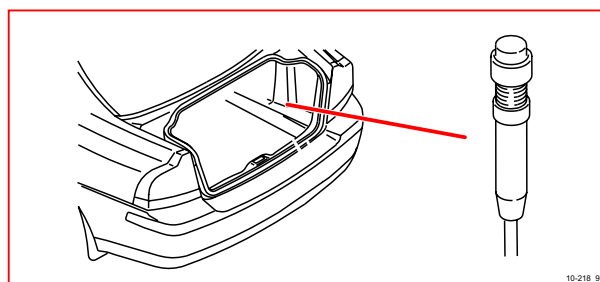
10/149 Right-hand rearview mirror lighting



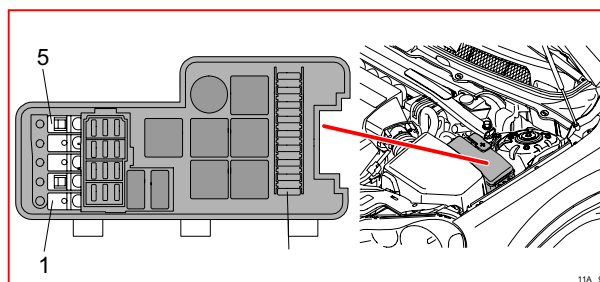
10/150 Rear reading light



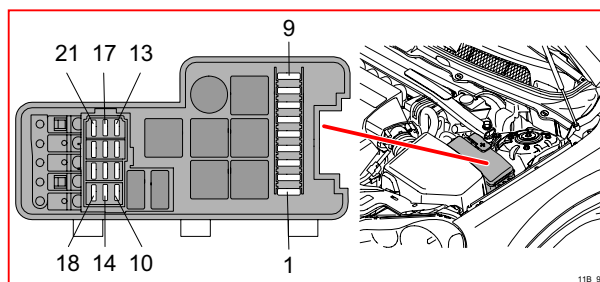
10/218 Indicator light, remote start



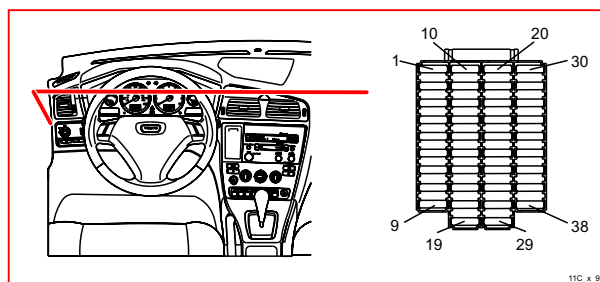
11A/no. Main fuses in engine compartment fuse box



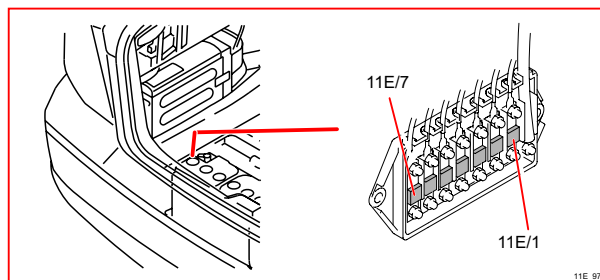
11B/no. Fuses in engine compartment fuse box



11C/no. Fuses in passenger compartment fuse box



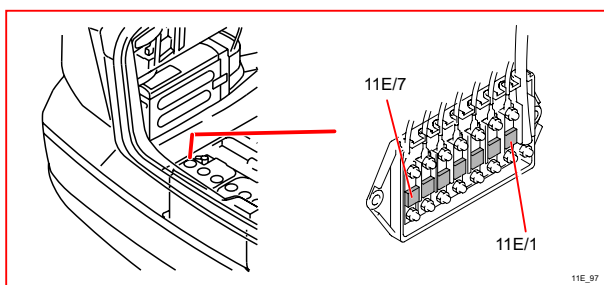
11E/no. Main fuses at battery



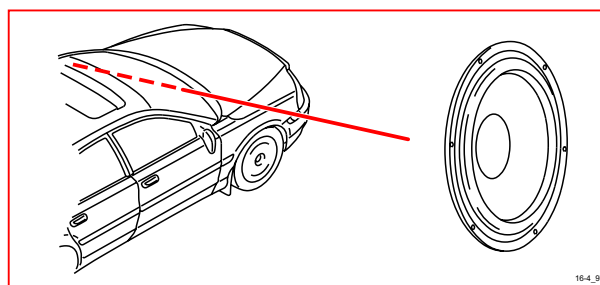
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11L/no. - 16/10

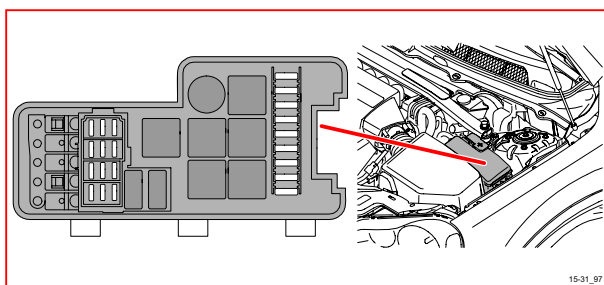
11L/no. Fuse in cargo compartment fuse holder



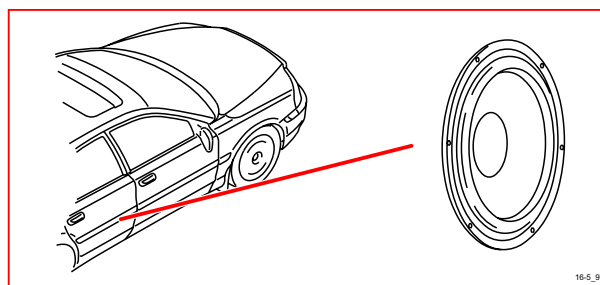
16/4 Left-hand front door speaker



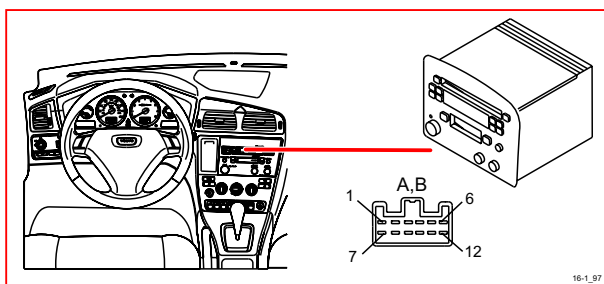
15/31 Distribution box in engine compartment



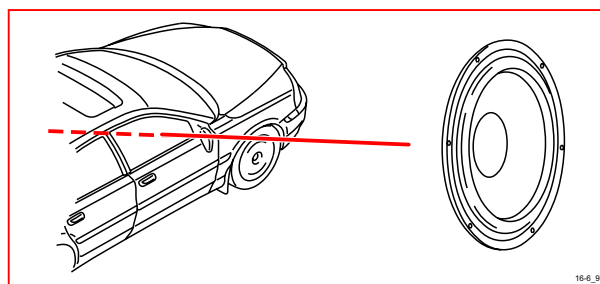
16/5 Right-hand rear door speaker



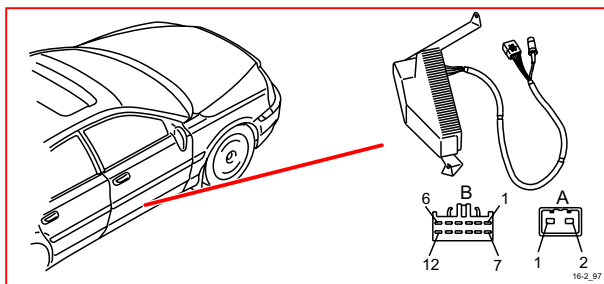
16/1 Audio Module (AUM)



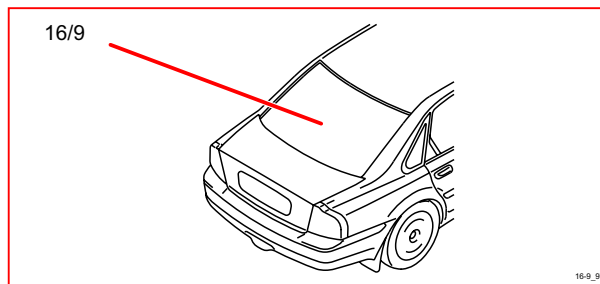
16/6 Left-hand rear door speaker



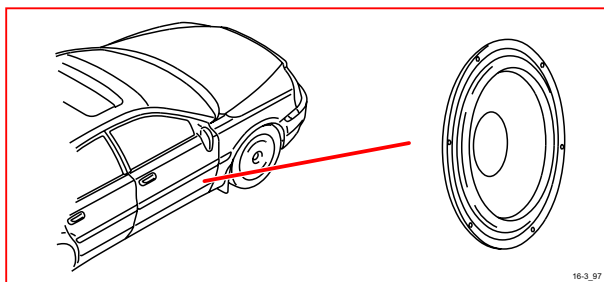
16/2 Amplifier



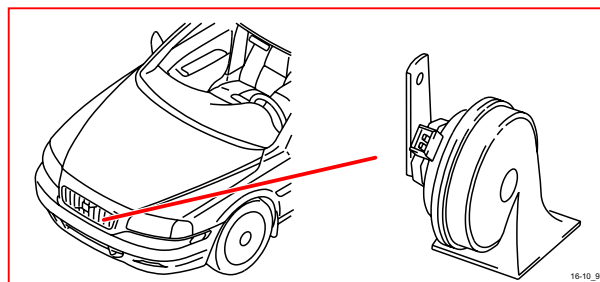
16/9 Window antenna



16/3 Right-hand front door speaker



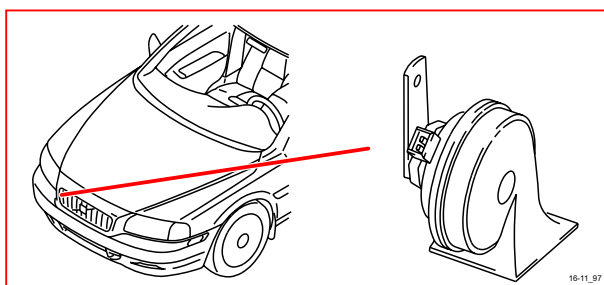
16/10 Horn 1



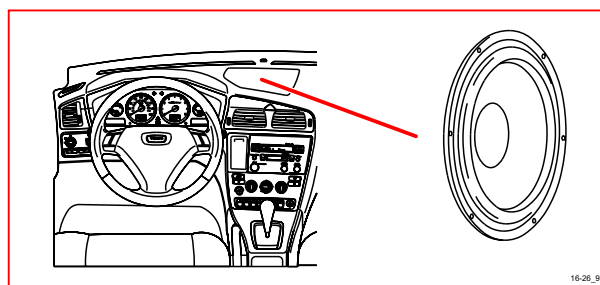
Component illustrations

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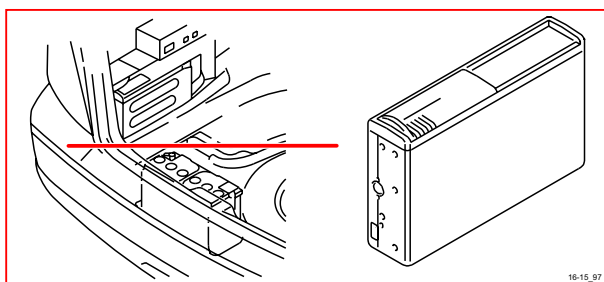
16/11 Horn 2



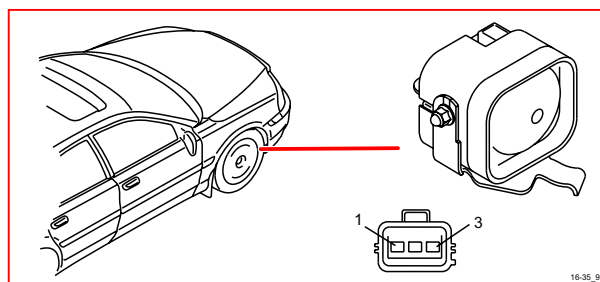
16/26 Center dashboard speaker



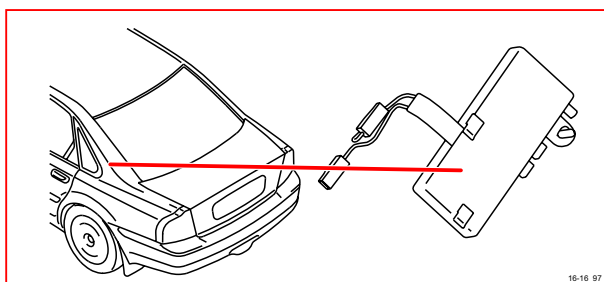
16/15 CD changer



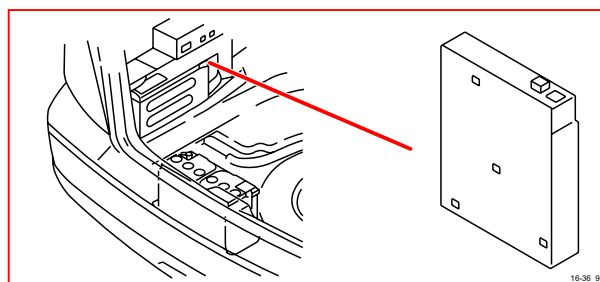
16/35 Siren Control Module (SCM)



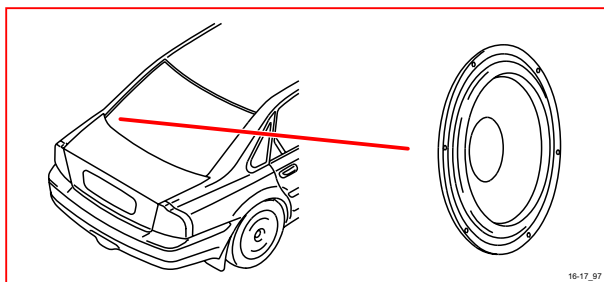
16/16 Window antenna amplifier



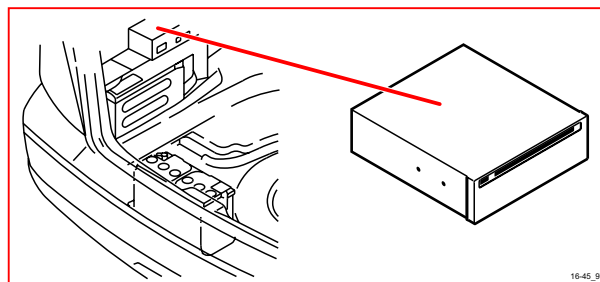
16/36 TV receiver



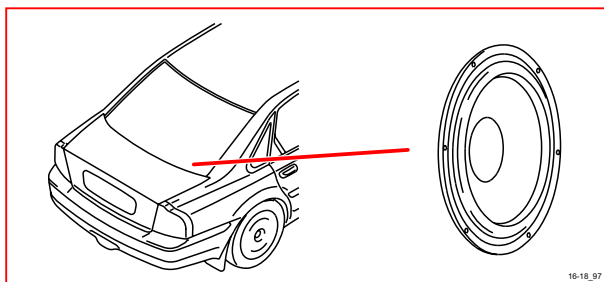
16/17 Left-hand speaker, rear shelf



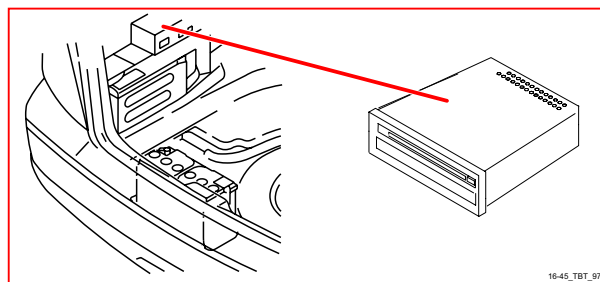
16/45 Road Traffic Information module (RTI)



16/18 Right-hand speaker, rear shelf



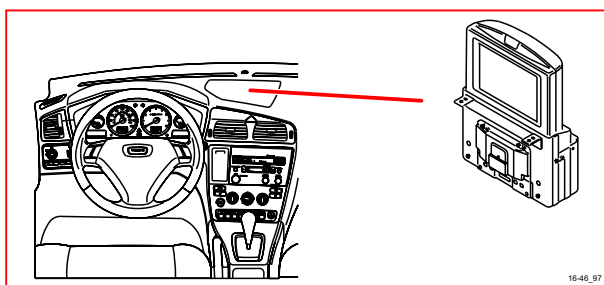
16/45 Road Traffic Information module (RTI), Turn-by-turn



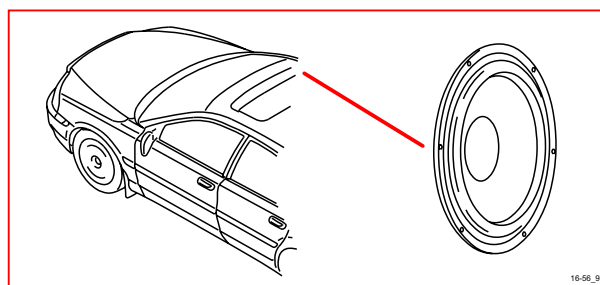
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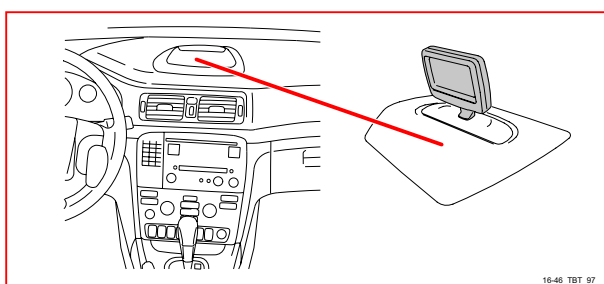
16/46 RTI display



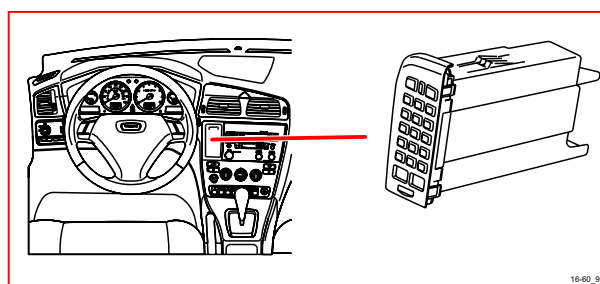
16/56 Right-hand front tweeter



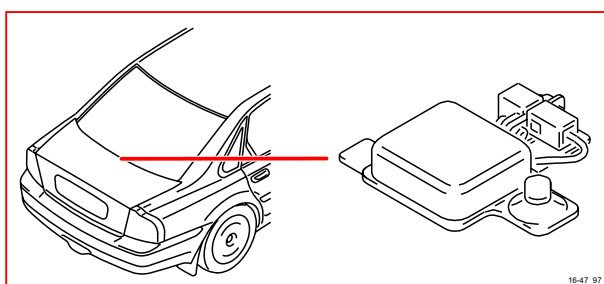
16/46 RTI display, Turn-by-turn



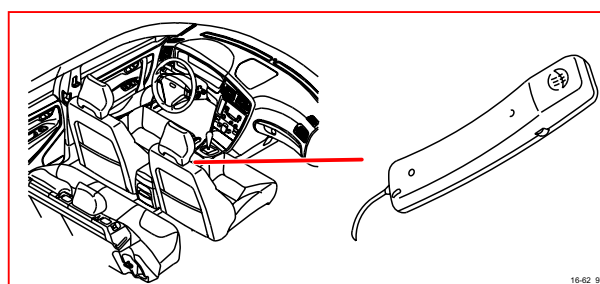
16/60 Phone Module (PHM)



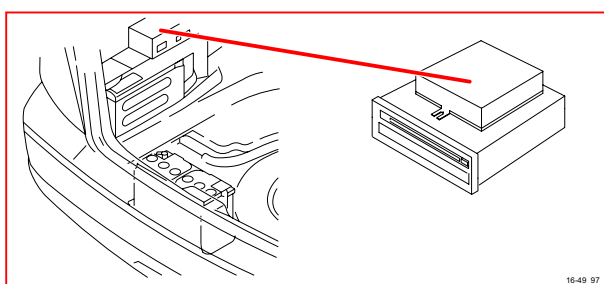
16/47 GPS antenna RTI



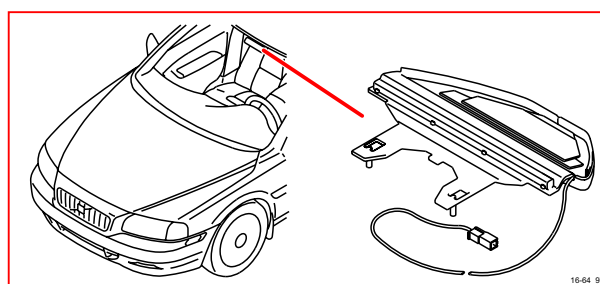
16/62 Hand unit, mobile phone



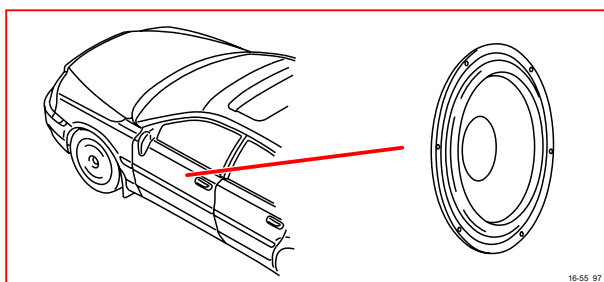
16/49 Traffic Message Channel module (TMC)



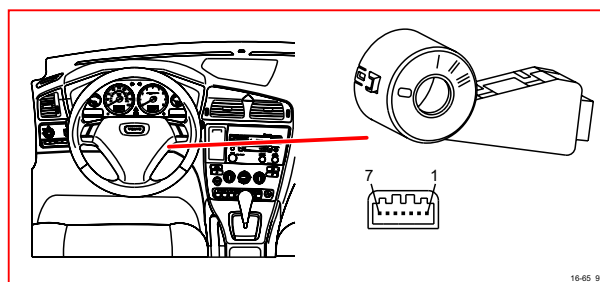
16/64 Antenna, mobile phone



16/55 Left-hand front tweeter



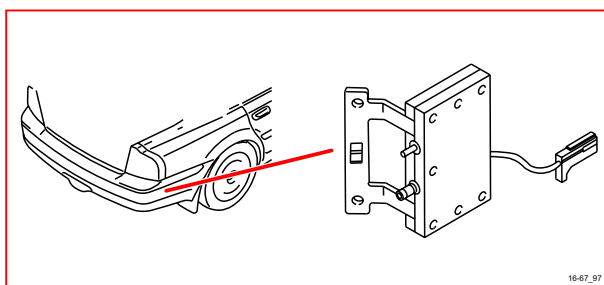
16/65 Antenna ring/ignition switch illumination



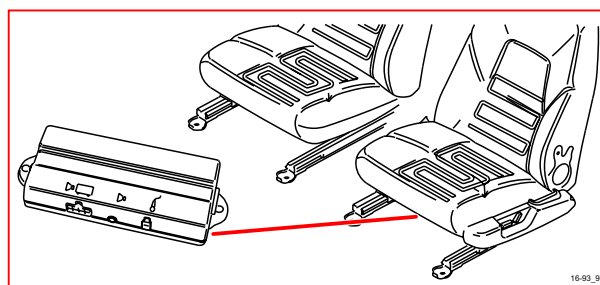
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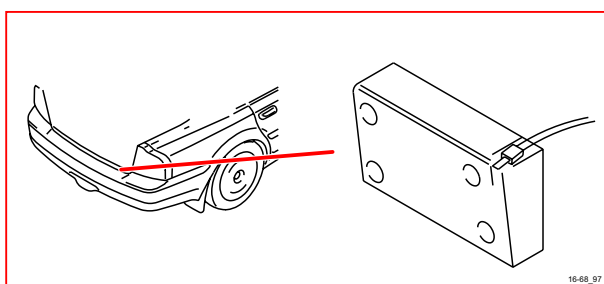
16/67 Amplifier antenna, bumper



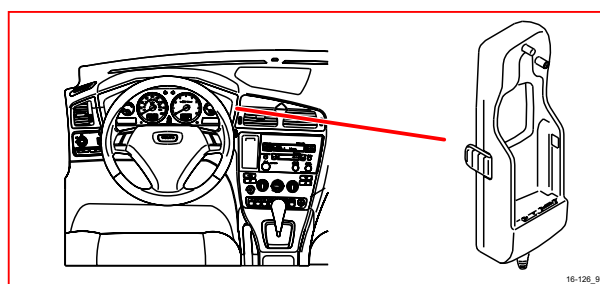
16/93 Control module, mobile phone handsfree



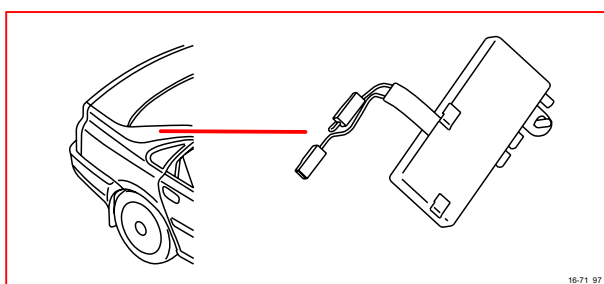
16/68 Antenna, bumper



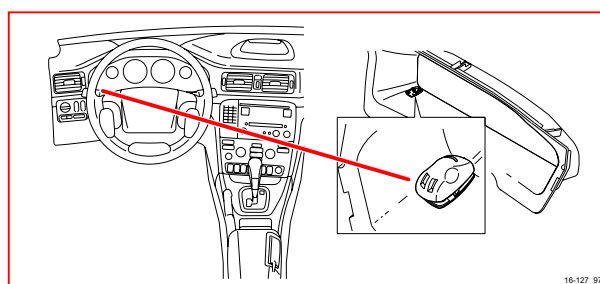
16/126 Holder, mobile phone handsfree



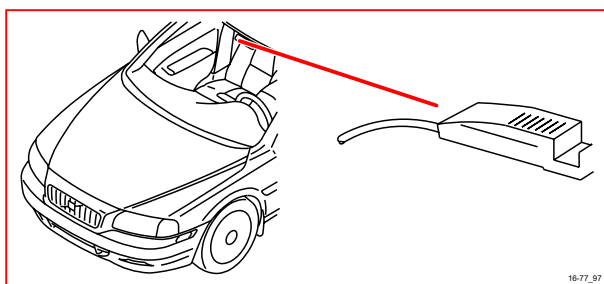
16/71 Window antenna amplifier 1, right



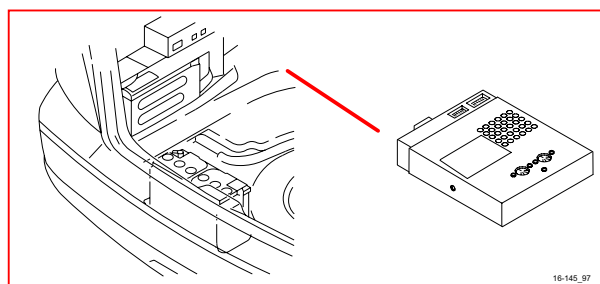
16/127 Microphone, mobile phone handsfree



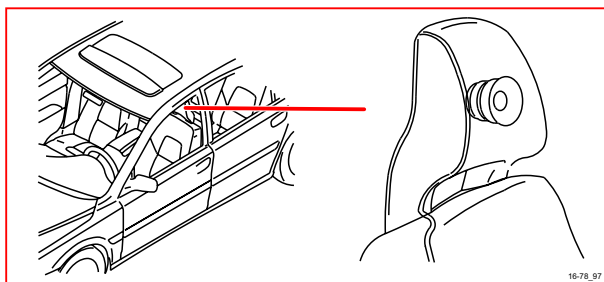
16/77 Microphone, mobile phone



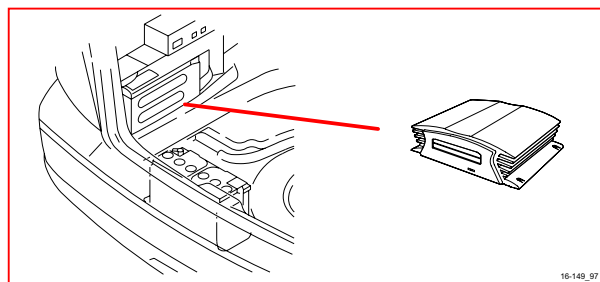
16/145 Satellite radio receiver



16/78 Speaker, mobile phone



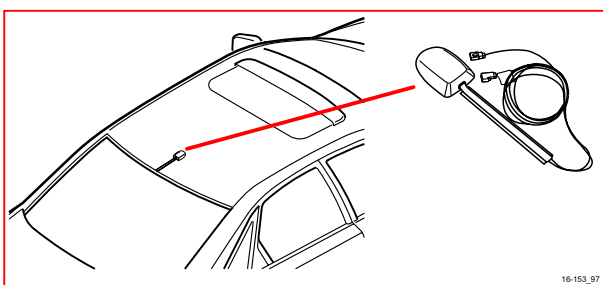
16/149 MP3 player



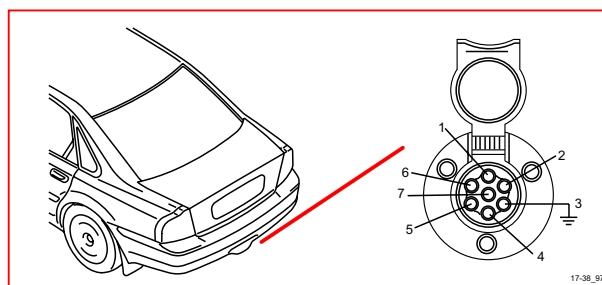
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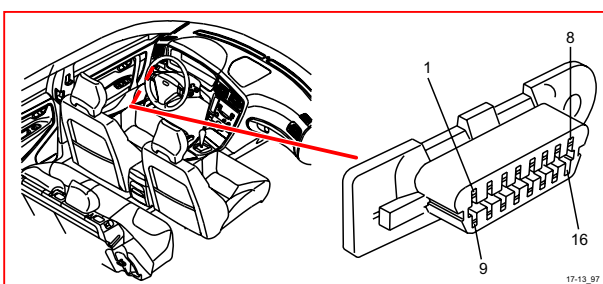
16/153 Antenna, satellite receiver



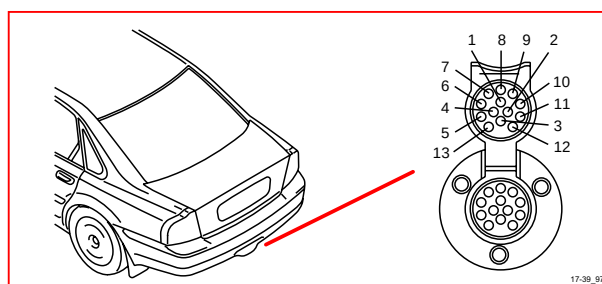
17/38 7-pin outlet, tow hitch cable harness



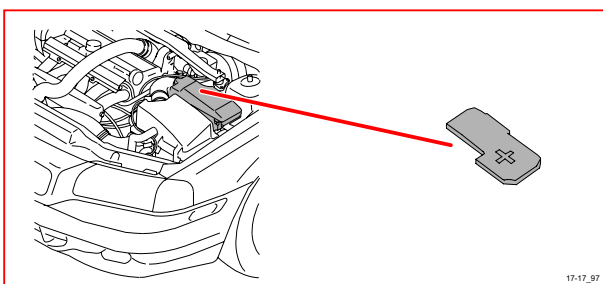
17/13 Data link connector



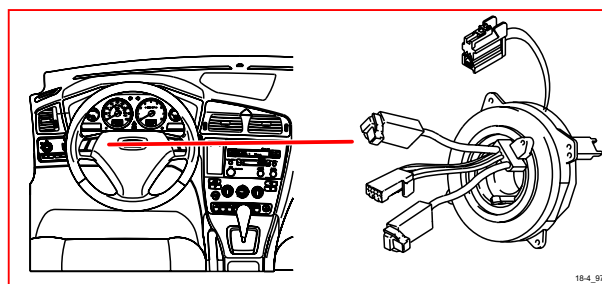
17/39 13-pin outlet, tow hitch cable harness



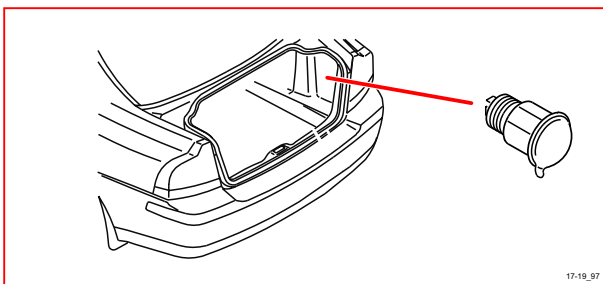
17/17 Jump start connection



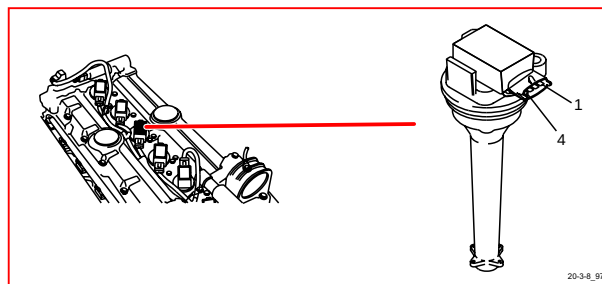
18/4 Contact reel



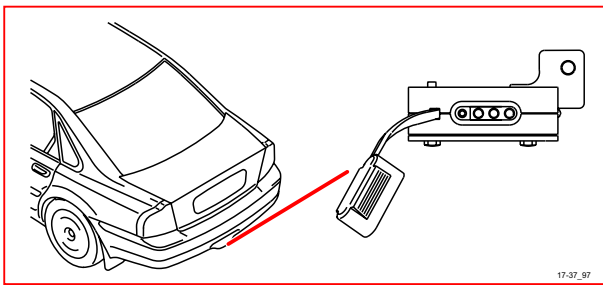
17/19 12V outlet, cargo compartment



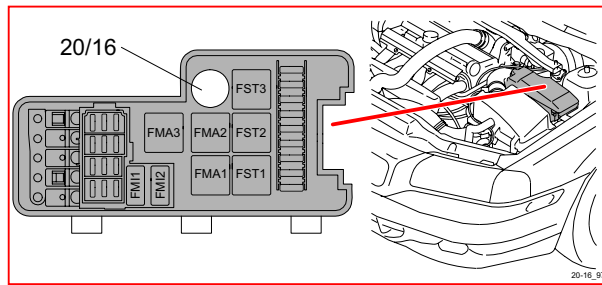
20/3-8 Spark plug and ignition coil



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



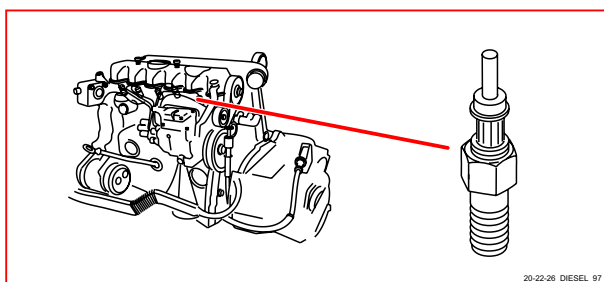
20/16 Capacitor



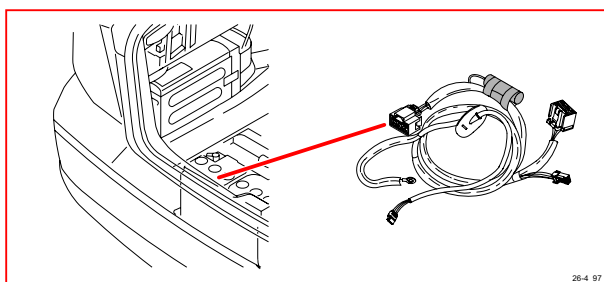
Component illustrations

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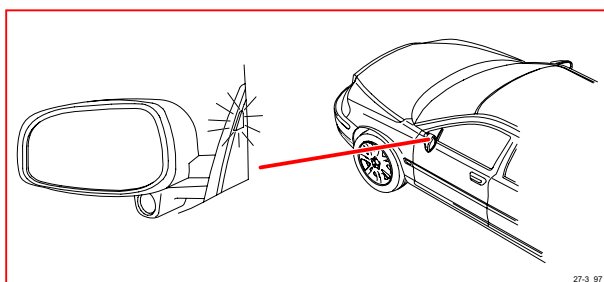
20/22-26 Glow plug



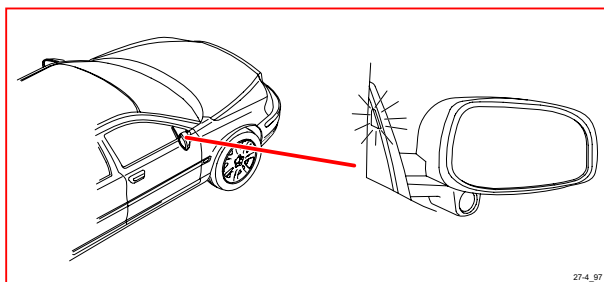
26/4 Cable harness, tow hitch cable harness



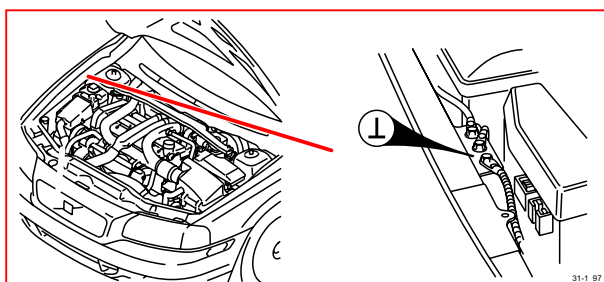
27/3 Left Camera Module (LCM)



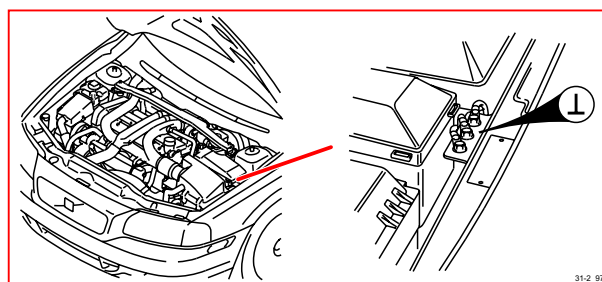
27/4 Right Camera Module (RCM)



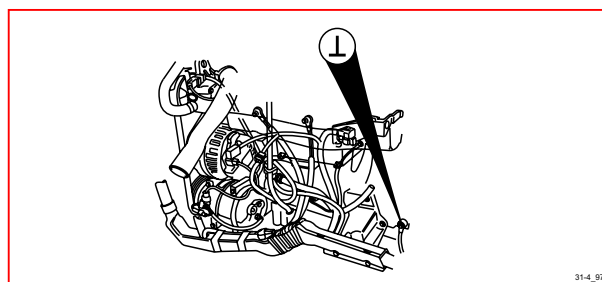
31/1 Ground connection, right MacPherson strut tower



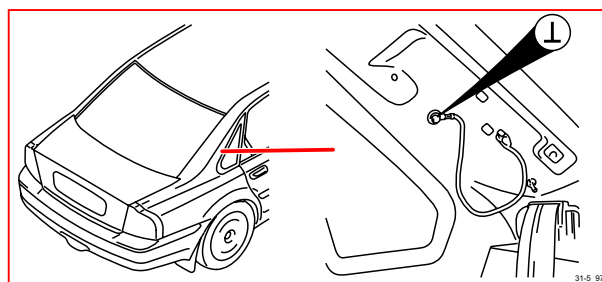
31/2 Ground connection, left MacPherson strut tower



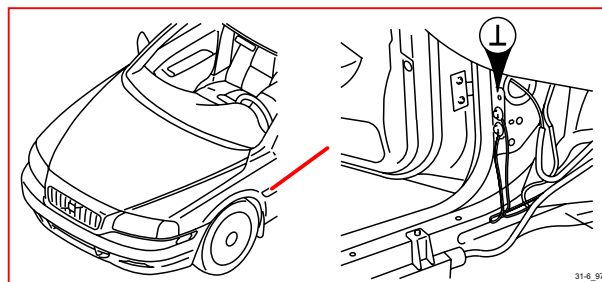
31/4 Ground connection, engine



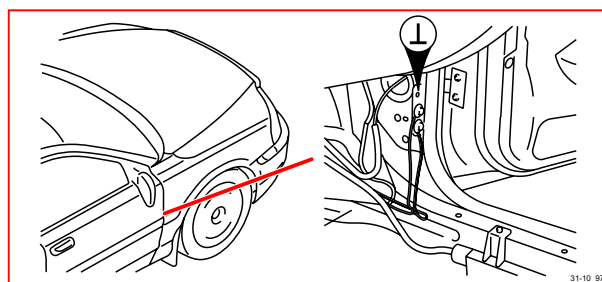
31/5 Ground connection, right D-post



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



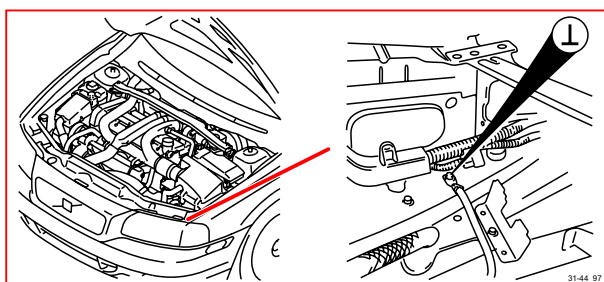
31/10 Ground connection, right side A-post



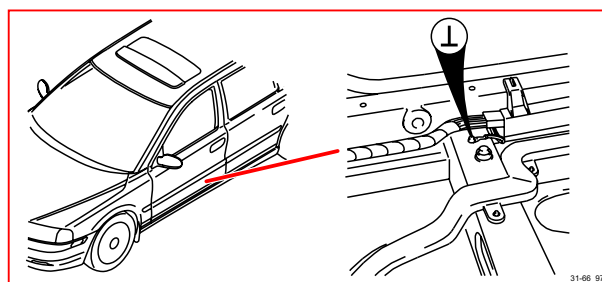
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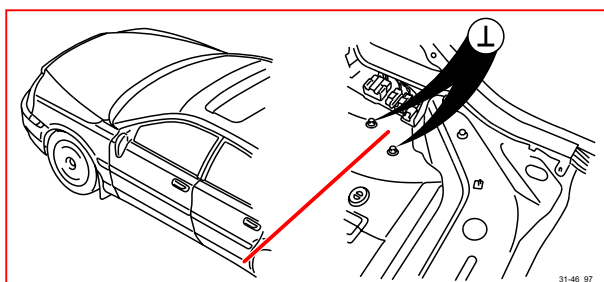
31/44 Ground connection, left side member, lower engine compartment



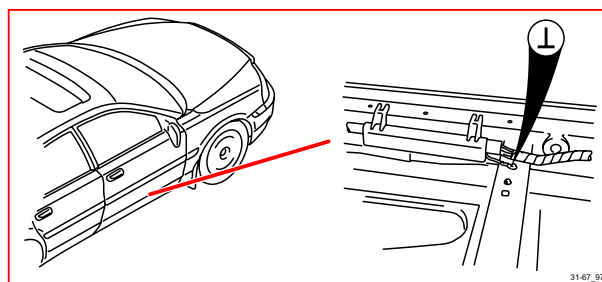
31/66 Ground connection, front seat riser, left-hand side



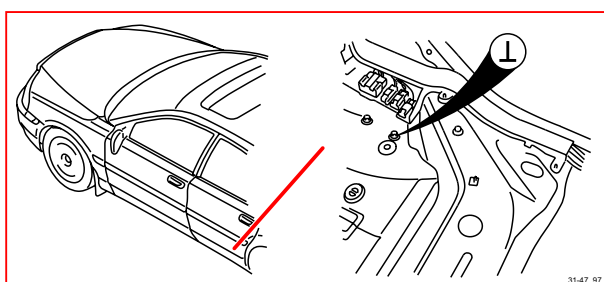
31/46 Ground connection, rear left seat riser



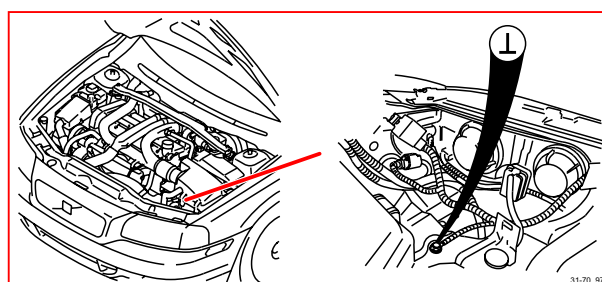
31/67 Ground connection, front seat riser, right-hand side



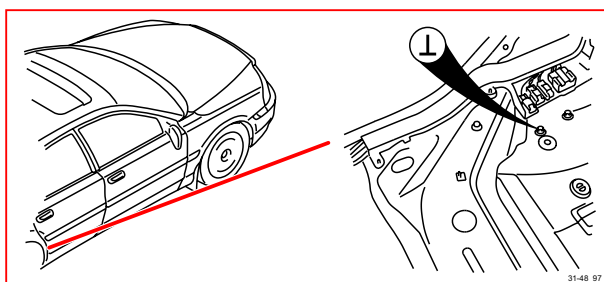
31/47 Ground connection, rear right seat riser



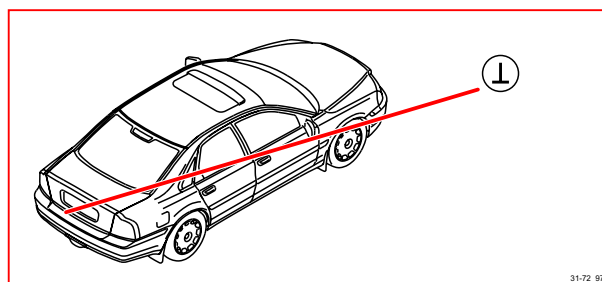
31/70 Ground connection, left side member, lower engine compartment



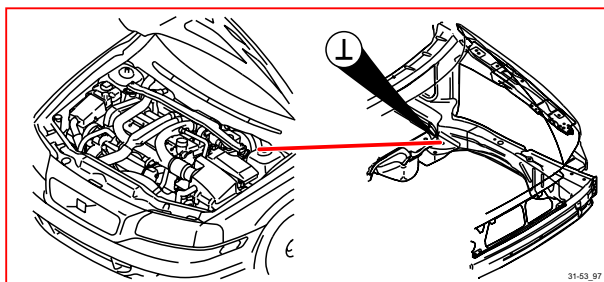
31/48 Ground connection, rear right seat riser



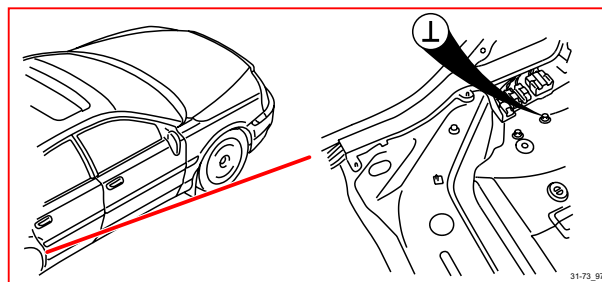
31/72 Ground connection, cargo compartment



31/53 Ground connection, firewall



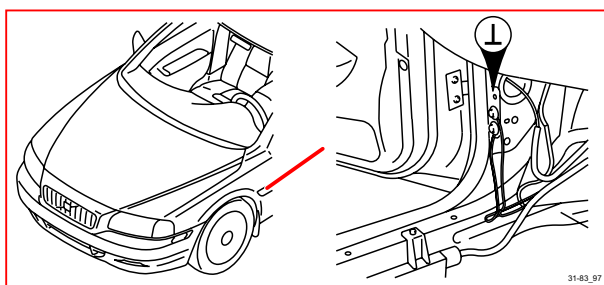
31/73 Ground connection, rear right seat riser



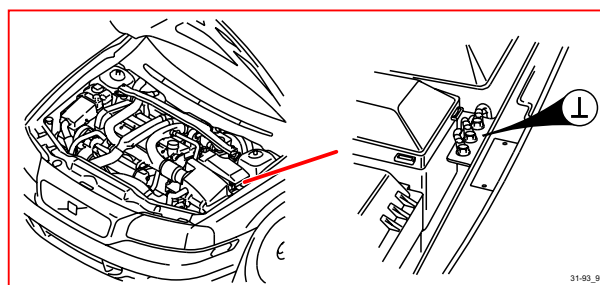
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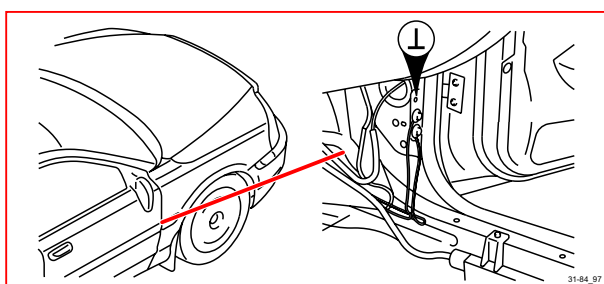
31/83 Ground connection, A-post left side



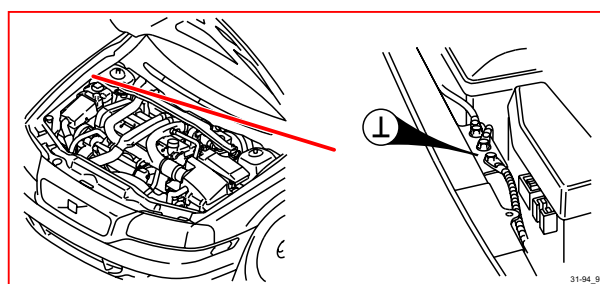
31/93 Ground connection, left MacPherson strut tower



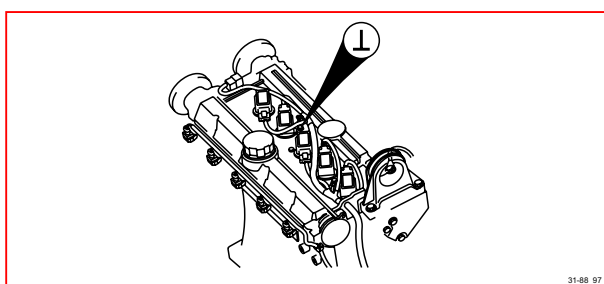
31/84 Ground connection, A-post right side



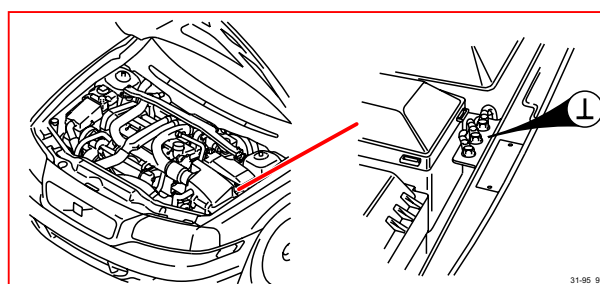
31/94 Ground connection, right MacPherson strut tower



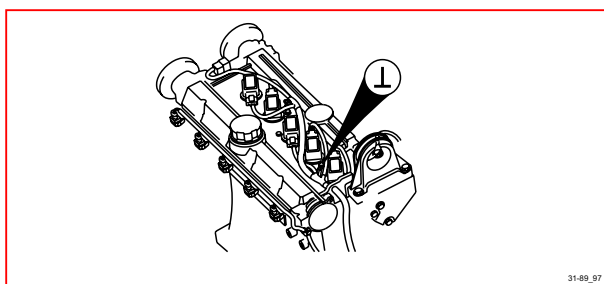
31/88 Ground connection, Engine ignition coil group 1



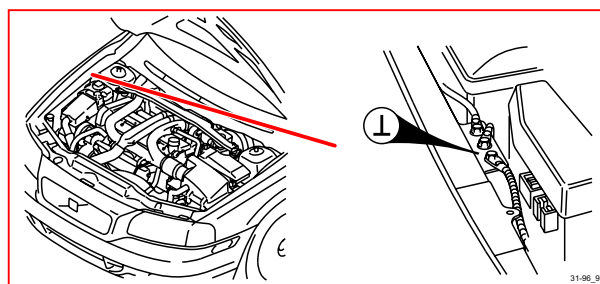
31/95 Ground connection, left MacPherson strut tower



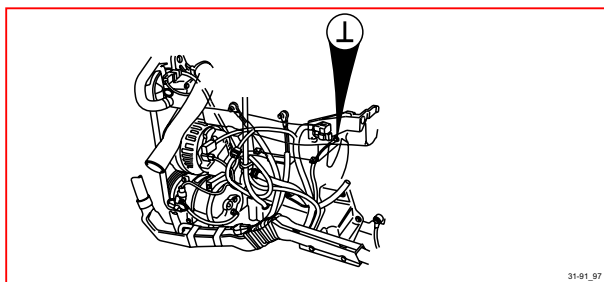
31/89 Ground connection, Engine ignition coil group 2



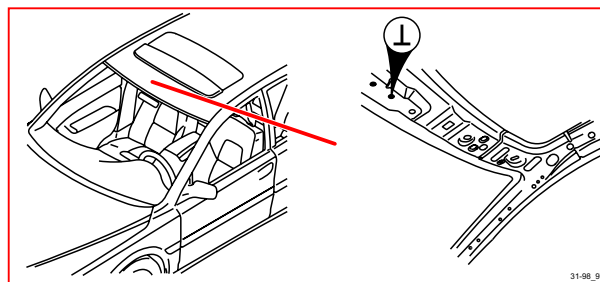
31/96 Ground connection, right MacPherson strut tower



31/91 Ground connection, engine



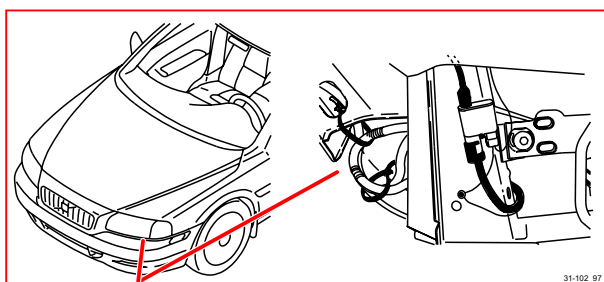
31/98 Ground connection, upper windshield member



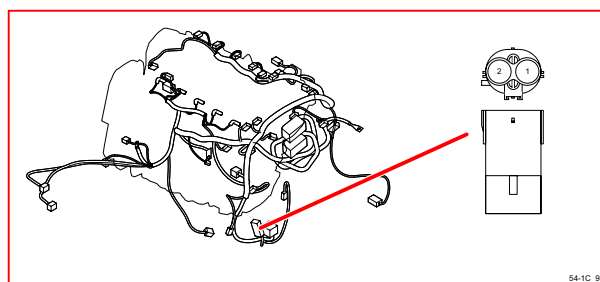
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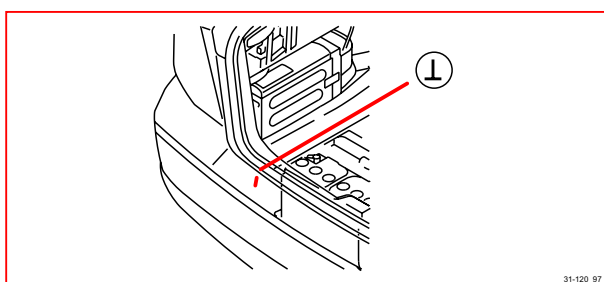
31/102 Ground connection, front member



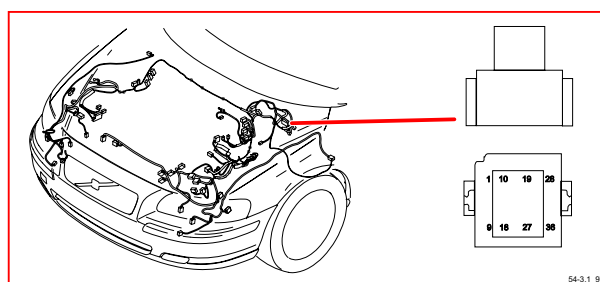
54/1C Connector



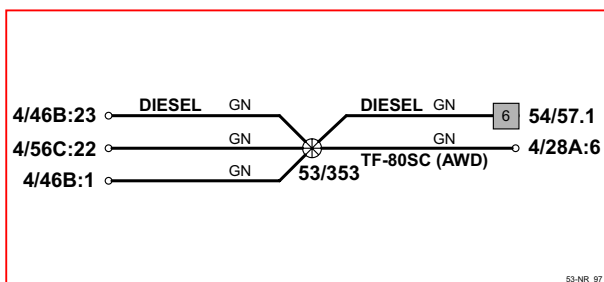
31/120 Ground connection, cargo compartment



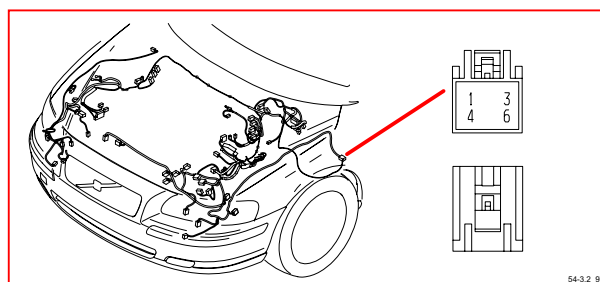
54/3.1 Connector



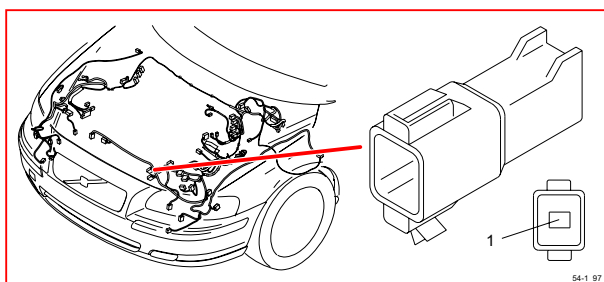
53/no. Branching point



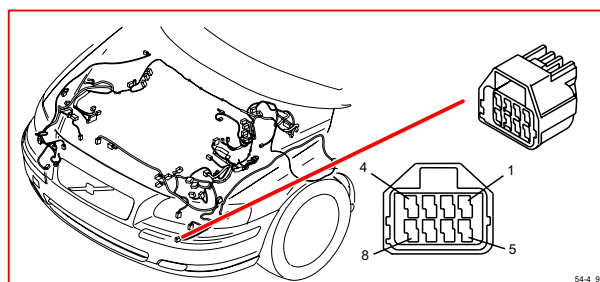
54/3.2 Connector



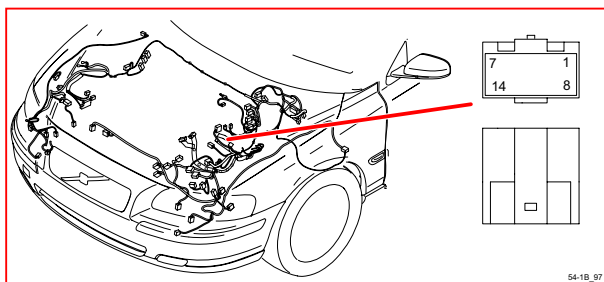
54/1 Connector



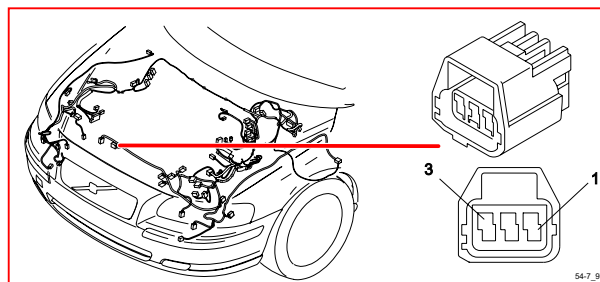
54/4 Connector



54/1B Connector



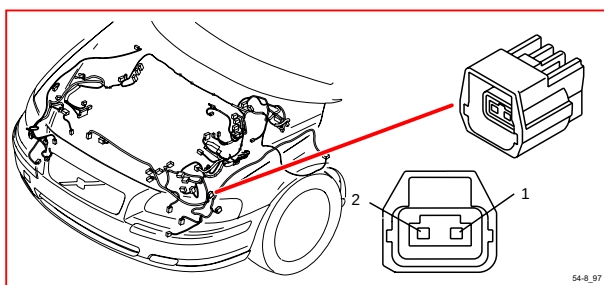
54/7 Connector



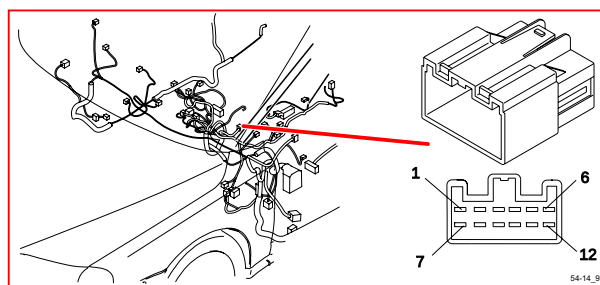
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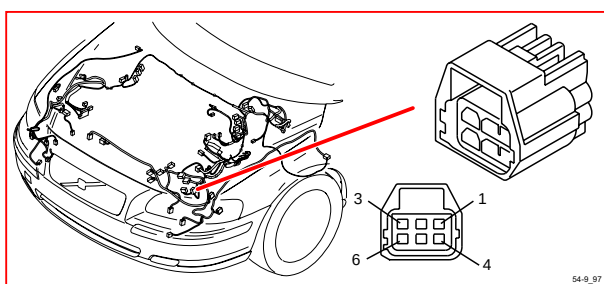
54/8 Connector



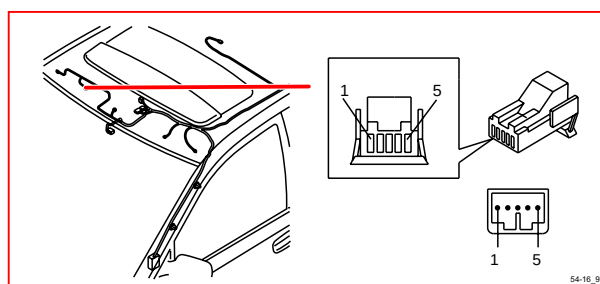
54/14 Connector



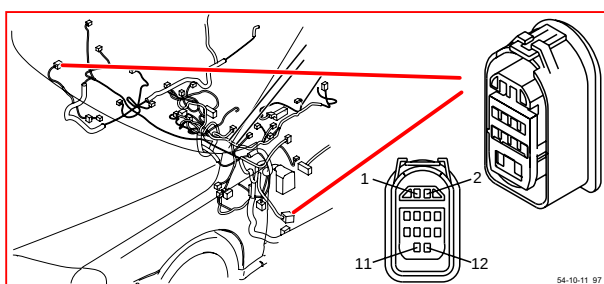
54/9 Connector



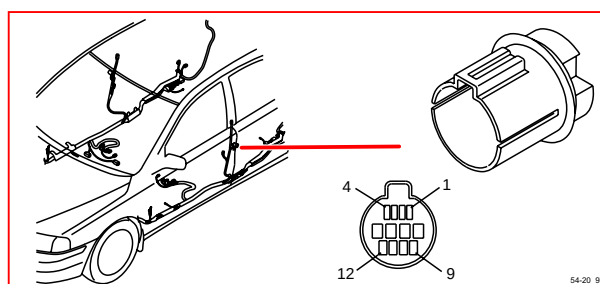
54/16 Connector



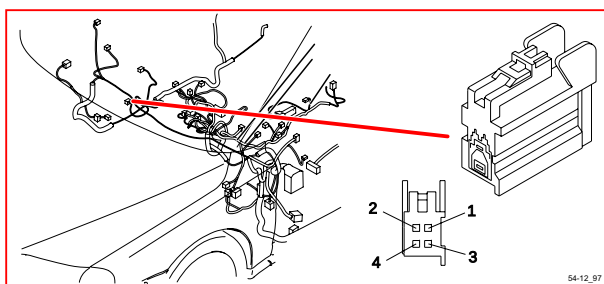
54/10-11 Connector



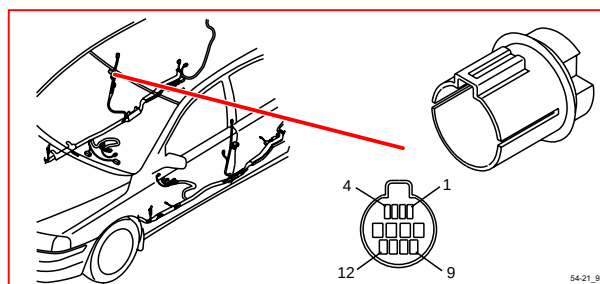
54/20 Connector



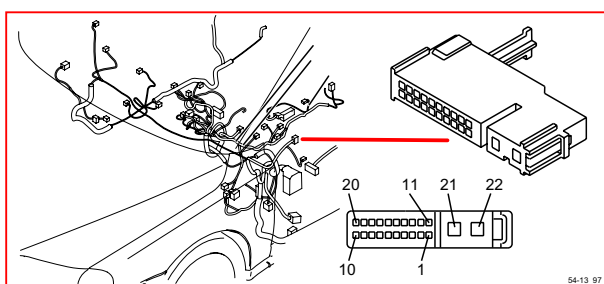
54/12 Connector



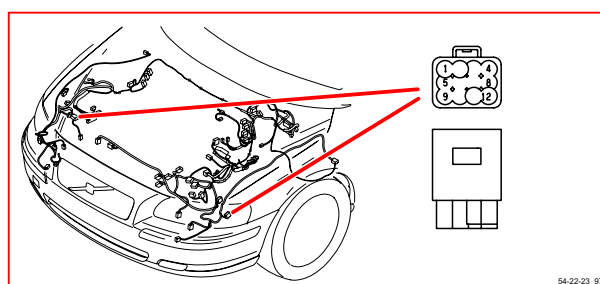
54/21 Connector



54/13 Connector



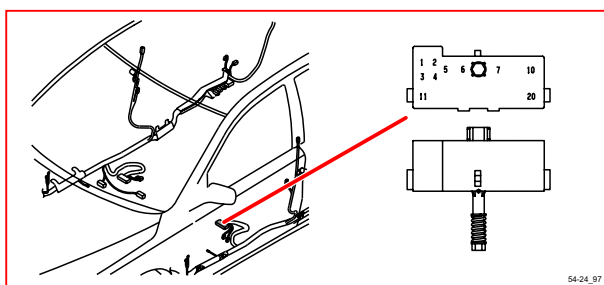
54/22-23 Connector



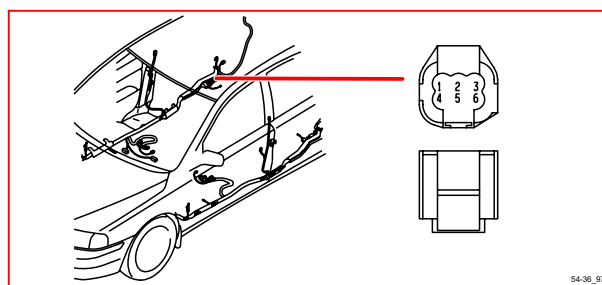
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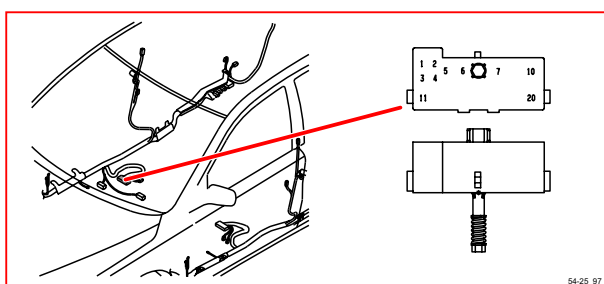
54/24 Connector



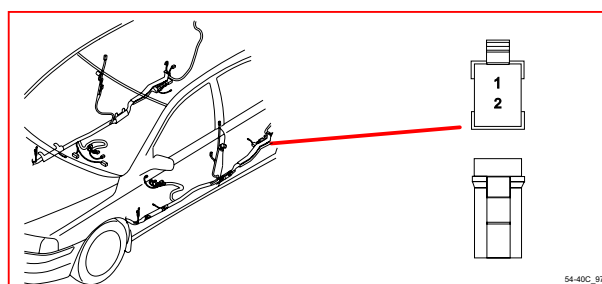
54/36 Connector



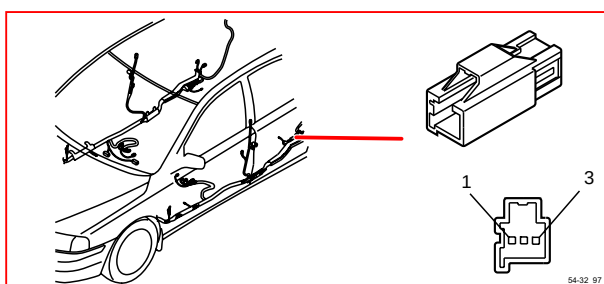
54/25 Connector



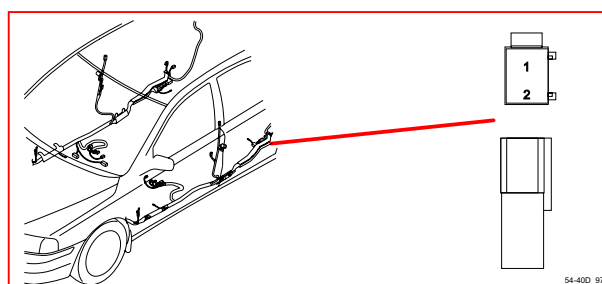
54/40C Connector



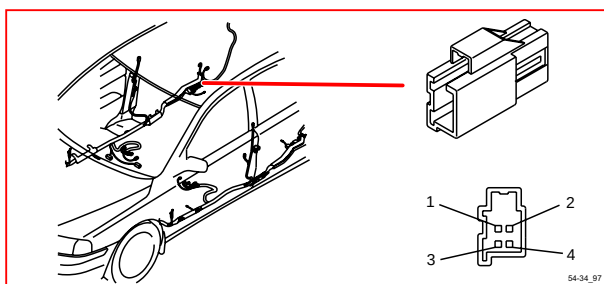
54/32 Connector



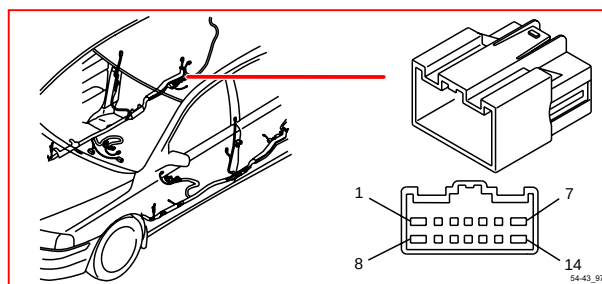
54/40D Connector



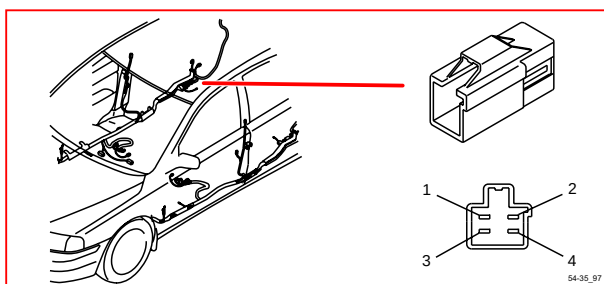
54/34 Connector



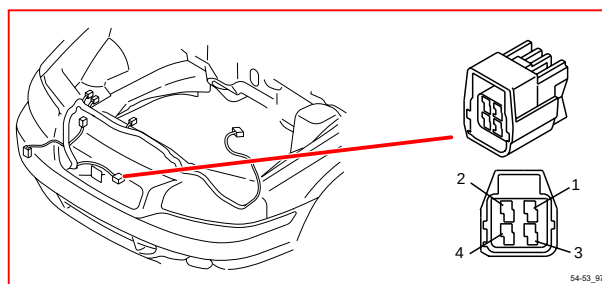
54/43 Connector



54/35 Connector



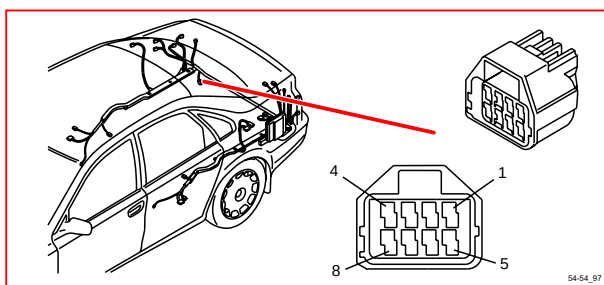
54/53 Connector



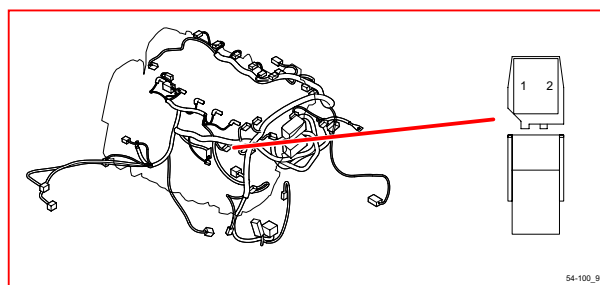
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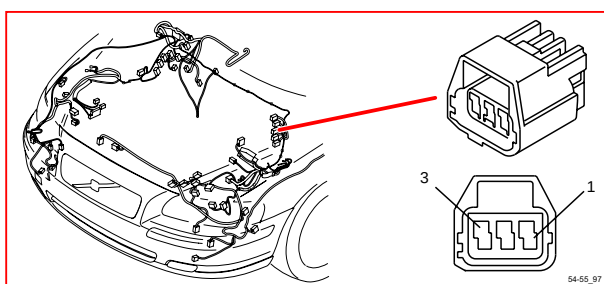
54/54 Connector



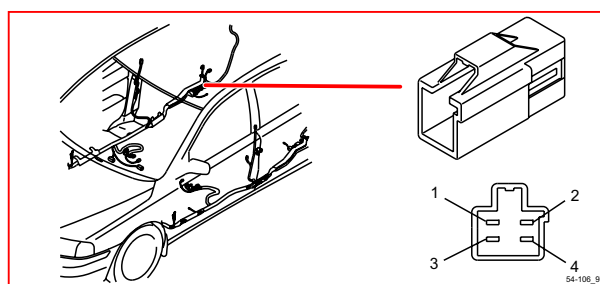
54/100 Connector



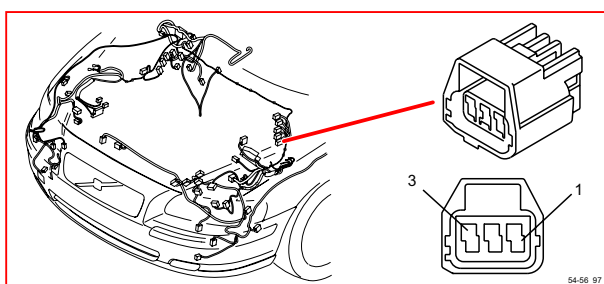
54/55 Connector



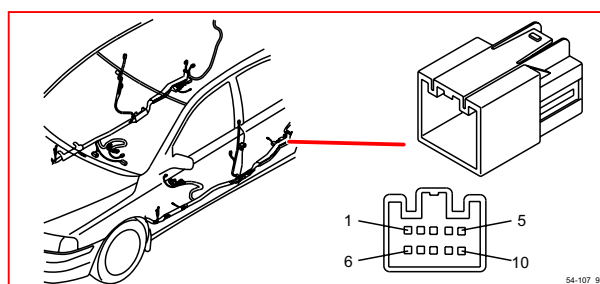
54/106 Connector



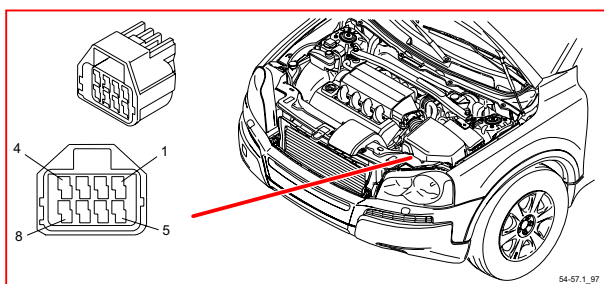
54/56 Connector



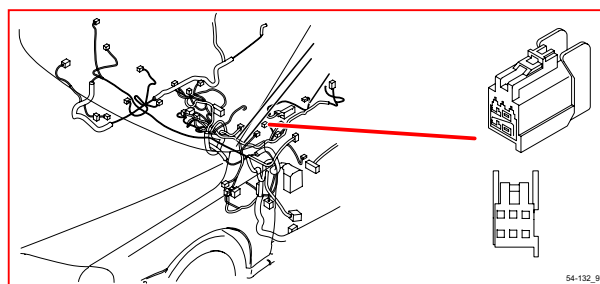
54/107 Connector



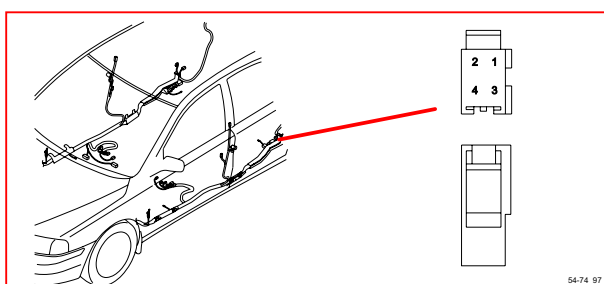
54/57.1 Connector



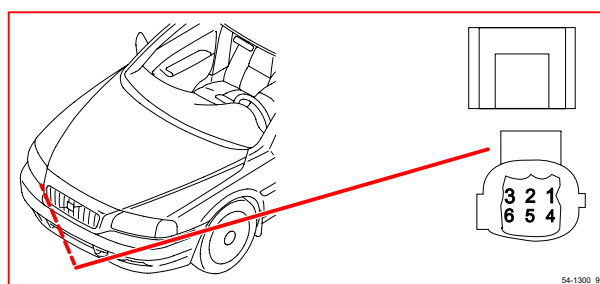
54/132 Connector



54/74 Connector



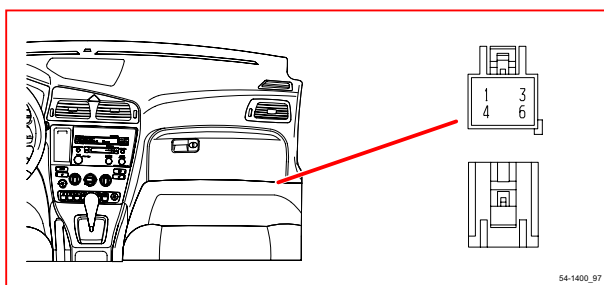
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2/191	Relay, remote parking heater start, radio signal	3/173	Switch, trunk lid private lock
2/192	Relay, electric engine heater	3/174	Switch, reduced alarm
2/238	Relay, audio disconnection	3/225	Switch unit, Continuously Controlled Damping (CCD), S60R
		3/254	Steering Wheel Module (SWM)
3/1	Ignition switch		
3/4	Steering wheel switch left (SWSL)		
3/6	Hazard warning flasher switch	4/7	Combustion Preheater Module (CPM)
3/8	Switch, heated rear window/door mirrors		
3/9	Brake light contact	4/9	Supplemental Restraint System (SRS)
3/10	Reversing light contact	4/16	Brake Control Module (BCM)
3/25	Power sunroof switch	4/28	Transmission Control Module (TCM)
3/26	Switch unit, power driver's seat	4/28	Transmission Control Module (TCM), TF80-SC/AWD
		4/31	Fan control module
3/27	Switch unit, power passenger seat	4/33	Sunroof Module (SRM)
3/35	Trunk handle switch	4/46	Engine Control Module (ECM)
3/37	Horn contact	4/46	Engine Control Module (ECM), Diesel
3/47	Parking brake contact	4/50	Electronic Throttle Module (ETM)
3/59	Headlight adjustment control	4/52	Power Seat Module (PSM)
3/60	Auxiliary light switch	4/56	Central Electronic Module (CEM)
3/62	Hood alarm contact	4/58	Rear Electronic Module (REM)
3/71	Gear selector contact, AW 55-51/51 AWD	4/58A-G	Rear Electronic Module (REM)
3/74	Left-hand front door lock unit	4/68	Steering Wheel Angle Sensor Module (SAS)
3/75	Right-hand front door lock unit	4/70	Upper Electronic Module (UEM)
3/76	Left-hand rear door lock unit	4/71	Cooling fan control module
3/77	Right-hand rear door lock unit	4/71	Cooling fan control module, Diesel
3/78	Trunk lid lock unit	4/76	Remote control unit for garage door opener
3/80	Switch, left-hand central lock	4/78	Accessory Electronic Module (AEM)
3/82	Switch, right-hand central lock	4/82	Differential Electronic Module (DEM)
3/85	Rear left door power window switch	4/83	Fuel pump control module
3/86	Rear right door power window switch	4/84	Suspension Module (SUM)
3/91	Switch, left-hand heated seat	4/86	Parking Assistance Module (PAM)
3/92	Switch, right-hand heated seat	4/99	Electronic power steering control module
3/93	Switch, left-hand seat belt buckle	4/106	Control module, remote parking heater start
3/94	Switch, right-hand seat belt buckle	4/107	Control module, parking heater, Call start
3/95	Spin control switch	4/109	Glow plug control unit (GCU)
3/111	Light Switch Module (LSM)	4/110	Trailer Module (TRM)
3/112	Climate Control Module (CCM)	4/118	Headlamp control module (HCM)
3/113	Rear adjustable head restraint relay		
3/117	Switch unit, dome light		

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5/1	Driver Information Module (DIM)	6/114	Vacuum pump
6/1	Windshield wiper motor	6/118	Regulator motor, swirl throttle
6/3	Right-hand headlight wiper motor	6/120	Throttle body motor
6/4	Left-hand headlight wiper motor	6/120	Throttle body motor, Diesel
6/15	Sunroof motor	6/127	Washer motor
6/16	Driver seat motor, backrest angle	6/143	Regulator motor, turbo
6/17	Driver seat motor, up/down front edge	7/4	Brake fluid level sensor
6/18	Driver seat motor, up/down rear edge	7/5	Washer fluid level sensor
6/19	Driver seat motor, forward/backward	7/6	Oil pressure sensor
6/20	Passenger seat motor, forward/backward	7/8	Pressure sensor, climate control system
6/25	Starter motor	7/10	Interior temperature sensor
6/26	Alternator Control Module (ACM)	7/11	Outside temperature sensor
6/28	Motor, passenger compartment fan	7/12	Solar sensor, twilight sensor and indicator alarm
6/29	Motor, cooling fan	7/15	Front heated oxygen sensor
6/29	Cooling fan motor, Diesel	7/15	Front heated oxygen sensor, Diesel
6/31	Feed pump, ejectors	7/16	Coolant temperature sensor
6/33	Fuel pump	7/17	Mass airflow sensor (MAF)
6/35	Fuel pump, auxiliary heater	7/23	Rear knock sensor
6/37	Lock motor, fuel filler cover	7/24	Front knock sensor
6/38	Left-hand headlight level adjustment motor	7/25	Impulse sensor, Gasoline
6/39	Right-hand headlight level adjustment motor	7/25	Impulse sensor, Diesel
6/44	Cooling fan, electrics box, engine compartment	7/31	Left-hand front ABS sensor
6/48	Damper Motor Module (DMM), recirculation	7/32	Right-hand front ABS sensor
6/58	Motor, front left power window	7/35	Oil level sensor
6/60	Motor, front right power window	7/41	Temperature sensor, evaporator
6/62	Left-hand power door mirror	7/51	Accelerator pedal sensor
6/63	Right-hand power door mirror	7/56	Left-hand rear ABS sensor
6/64	Passenger seat motor, backrest angle	7/57	Right-hand rear ABS sensor
6/65	Passenger seat motor, up/down front edge	7/61	Input speed sensor
6/66	Passenger seat motor, up/down rear edge	7/61	Input speed sensor, TF-80SC/AWD
6/67	Pump, fuel leakage control	7/62	Output speed sensor
6/69	Damper Motor Module (DMM)	7/62	Output speed sensor, TF-80SC/AWD
6/71	Valve, speed-dependent power steering	7/73	Coolant level sensor
6/73	Coolant pump, auxiliary heater	7/74	Fluid temperature sensor, automatic transmission
6/92	Motor, rear left power window	7/74	Fluid temperature sensor, automatic transmission, TF-80S/ AWD
6/93	Motor, rear right power window	7/81	Pressure sensor, intake manifold
6/95	Damper Motor Module (DMM), temperature, left	7/82	Rear heated oxygen sensor
6/96	Damper Motor Module (DMM), temperature, right	7/87	Acceleration sensor, Four-C, front left
6/102	Damper Motor Module (DMM), defroster	7/88	Acceleration sensor, Four-C, front right
6/103	Damper Motor Module (DMM), floor/ventilation	7/89	Acceleration sensor, Four-C, rear left
6/104	High pressure headlight washer motor	7/91	Steering angle sensor
6/105	Fuel distributor, gas	7/93	Occupant Weight Sensor (OWS)

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7/100	Inclination Sensor Module (ISM)	8/22	Shock absorber, Four-C, rear left
7/105	Outside temperature sensor, engine control module	8/23	Shock absorber, Four-C, rear right
7/108	Left-hand rear side impact sensor	8/28	Turbo control valve
7/109	Right-hand rear side impact sensor	8/30	Driver's side airbag igniter
7/110	Left-hand seat temperature sensor	8/31	Passenger side airbag igniter
7/111	Right-hand seat temperature sensor	8/32	Igniter, passenger side airbag stage 2
7/115	Left-hand front side impact sensor	8/33	Front left seat belt tensioner igniter
7/116	Right-hand front side impact sensor	8/34	Front right seat belt tensioner igniter
7/118	Acceleration sensor, shock absorber, Four-C, front left	8/36	Shift lock solenoid
7/119	Acceleration sensor, shock absorber, Four-C, front right	8/37	Automatic transmission, TF-80SC/AWD
7/120	Rear left angle sensor, Four-C/Bi-Xenon	8/37	Automatic transmission, AW55-51/51 AWD
7/121	Rear right angle sensor, Four-C/Bi-Xenon	8/38	Shift solenoid 1, TF-80SC/AWD
7/122	Mass movement sensor, front	8/38	Shift solenoid 1, AW55-51/51 AWD
7/123	Clutch pedal sensor	8/39	Shift solenoid 2, TF-80SC/AWD
7/124	Brake pedal sensor	8/39	Shift solenoid 2, AW55-51/51 AWD
7/129	Brake pressure sensor 2	8/40	Lock-up solenoid, TF-80SC/AWD
7/130	Fuel level sensor, ejector side	8/40	Lock-up solenoid, AW55-51/51 AWD
7/131-		8/41	Pressure solenoid, AW 55-51/51 AWD
7/134	Parking assistance sensor, rear	8/46	Archive unit, DSTC
7/139	Brake pressure sensor 1	8/51	Front left side airbag igniter
7/143	Fuel level sensor, pump side	8/52	Front right side airbag igniter
7/149	Rain Sensor Module (RSM)	8/55	Rear left belt tensioner igniter
7/154	Fuel temperature sensor, Diesel	8/56	Rear right belt tensioner igniter
7/156	Pressure and temperature sensor, fuel	8/59	Rear left head restraint solenoid
7/156	Pressure and temperature sensor, Bi-Fuel	8/60	Rear right head restraint solenoid
7/159	Air Quality Sensor (AQS)	8/61	Driver's side airbag igniter, stage 2
7/162	Fuel rail pressure sensor, Diesel	8/62	Belt tensioner igniter, center rear seat
7/164	Body Sensor Cluster Stability Sensor (BSC)	8/64	Solenoid valve, engine mounting, Diesel
7/165	Pressure and temperature sensor, intake manifold	8/66	Left-hand inflatable curtain igniter
7/166	Oil level sensor, Diesel	8/67	Right-hand inflatable curtain igniter
7/172	Camshaft position sensor, intake side	8/71	Throttle solenoid, AW 55/51 AWD
7/173	Camshaft position sensor, exhaust side	8/71	Throttle solenoid, TF-80SC/AWD
7/173	Camshaft position sensor, exhaust side, Diesel	8/72	Shift solenoid 3, AW55-51SN/AW51 AWD
7/174	Differential pressure sensor, particle filter	8/73	Shift solenoid 4, AW55-51SN/AW51 AWD
7/178	Front impact sensor, right	8/74	Shift solenoid 5, AW55-51SN/AW51 AWD
7/179	Front impact sensor, left	8/75	Valve, fuel cut-off DFCO
7/190	Temperature sensor, exhaust gases up-stream of particle filter	8/81	Solenoid, variable valve timing exhaust
7/191	Temperature sensor, exhaust gases downstream of particle filter	8/84	Switch, vacuum pump
7/201	Pressure and temperature sensor, gas	8/85	Thermostatic switch and fuel filter heating
7/204-		8/88	Rear solenoid, fuel tank, Bi-Fue
7/207	Parking assistance sensor, front	8/89	Front left solenoid, fuel tank, Bi-Fuel
8/3	Electromagnetic clutch, climate control system	8/90	Front right solenoid, fuel tank, Bi-Fuel
8/6-11	Injectors	8/98	Fuel pressure control valve, Diesel
8/6-10	Injectors, Diesel	8/111	High-pressure solenoid valve, Diesel
8/18	EVAP valve	8/113	Bypass valve, EGR cooling
8/19	Solenoid, variable valve timing intake	8/120	EGR valve
8/20	Shock absorber, Four-C, front left	8/134	Solenoid, reverse interlock, manual
8/21	Shock absorber, Four-C, front right	8/142	Linear pressure solenoid SLB1
		8/143	Linear pressure solenoid SLC1
			TF-80SC/AWD
		8/144	Linear pressure solenoid SLC2
			TF-80SC/AWD
		8/145	Linear pressure solenoid SLC3
			TF-80SC/AWD

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9/1	Front 12V outlet	10/53	Fog light, rear left
9/2	Heated rear window	10/54	Rear direction indicator
9/12	Seat Heating Module (SHM), left	10/55	Left-hand reversing light
9/13	Seat Heating Module (SHM), right	10/64	Right-hand high beam
9/16	Left-hand backrest heating element	10/65	Auxiliary light, front right
9/17	Right-hand backrest heating element	10/66	Right-hand low beam
9/18	Left-hand seat heating element	10/68	Left-hand high beam
9/19	Right-hand seat heating element	10/69	Auxiliary light, front left
9/25	Rear 12V outlet	10/70	Left-hand low beam
9/30	Auxiliary heater	10/71	Side running light, front left
9/32	PTC resistor, crankcase ventilation	10/73	Side running light, front right
9/33	Left-hand heated door mirror	10/114	Left-hand vanity mirror lighting
9/34	Right-hand heated door mirror	10/115	Right-hand vanity mirror lighting
10/1	Left-hand front lamp housing	10/125	Left-hand front courtesy lighting
10/2	Right-hand front lamp housing	10/126	Right-hand front courtesy lighting
10/3	License plate lighting	10/127	Lighting, cargo compartment, left-hand side
10/5	Front left fog light	10/128	Lighting, cargo compartment, right-hand side
10/6	Front right fog light	10/148	Left-hand rearview mirror lighting
10/11	Front left running/parking light	10/149	Right-hand rearview mirror lighting
10/12	Front right running/parking light	10/150	Rear reading light
10/13	Front left direction indicator	10/151	Lighting switch, left rear door
10/14	Front right direction indicator	10/152	Lighting switch, right rear door
10/15	Direction indicator, left door mirror	10/161	Cupholder lighting
10/16	Direction indicator, right door mirror	10/218	Indicator light, remote start
10/17	Lamp housing, rear right	11A/no.	Main fuses in engine compartment fuse box
10/18	Lamp housing, rear left	11B/no.	Fuses in engine compartment fuse box
10/19	Auxiliary brake light	11C/no.	Fuses in passenger compartment fuse box
10/29	Glove compartment lighting	11E/no.	Main fuses at battery
10/42	Rear right running/parking light	11L/no.	Fuse in cargo compartment fuse holder
10/43	Right brake light	15/31	Distribution box in engine compartment
10/44	Right-hand tail light lamp 1	16/1	Audio Module (AUM)
10/45	Right-hand tail light lamp 2	16/2	Amplifier
10/46	Fog light, rear right	16/3	Right-hand front door speaker
10/47	Right-hand rear direction indicator	16/4	Left-hand front door speaker
10/48	Right-hand reversing light	16/5	Right-hand rear door speaker
10/49	Rear left running/parking light	16/6	Left-hand rear door speaker
10/50	Left brake light	16/9	Window antenna
10/51	Left-hand tail light lamp 1		
10/52	Left-hand tail light lamp 2		

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16/10	Horn 1	20/16	Capacitor
16/11	Horn 2	20/22-26	Glow plug
16/15	CD changer	26/4	Cable harness, tow hitch cable harness
16/16	Window antenna amplifier	27/3	Left Camera Module (LCM)
16/17	Left-hand speaker, rear shelf	27/4	Right Camera Module (RCM)
16/18	Right-hand speaker, rear shelf		
16/26	Center dashboard speaker	31/1	Ground connection, right MacPherson strut tower
16/35	Siren Control Module (SCM)	31/2	Ground connection, left MacPherson strut tower
16/36	TV receiver		
16/45	Road Traffic Information module (RTI)	31/4	Ground connection, engine
16/45	Road Traffic Information module (RTI), Turn-by-turn	31/5	Ground connection, right D-post
16/46	RTI display	31/6	Ground connection, driver's side A-post
16/46	RTI display, Turn-by-turn	31/10	Ground connection, right side A-post
16/47	GPS antenna RTI	31/44	Ground connection, left side member, lower engine compartment
16/49	Traffic Message Channel module (TMC)		
16/55	Left-hand front tweeter	31/46	Ground connection, rear left seat riser
16/56	Right-hand front tweeter	31/47	Ground connection, rear right seat riser
16/59	Antenna, remote control	31/48	Ground connection, rear right seat riser
16/60	Phone Module (PHM)	31/53	Ground connection, firewall
16/62	Hand unit, mobile phone	31/66	Ground connection, front seat riser, left-hand side
16/63	GPS antenna, cellular phone		
16/64	Antenna, mobile phone	31/67	Ground connection, front seat riser, right-hand side
16/65	Antenna ring/ignition switch illumination		
16/67	Amplifier antenna, bumper	31/70	Ground connection, left side member, lower engine compartment
16/68	Antenna, bumper		
16/71	Window antenna amplifier 1, right	31/72	Ground connection, cargo compartment
16/77	Microphone, mobile phone	31/73	Ground connection, rear right seat riser
16/78	Speaker, mobile phone	31/83	Ground connection, A-post left side
16/93	Control module, mobile phone handsfree	31/84	Ground connection, A-post right side
16/126	Holder, mobile phone handsfree	31/88	Ground connection, Engine ignition coil group 1
16/127	Microphone, mobile phone handsfree	31/89	Ground connection, Engine ignition coil group 2
16/145	Satellite radio receiver	31/91	Ground connection, engine
16/149	MP3 player	31/93	Ground connection, left MacPherson strut tower
16/153	Antenna, satellite receiver	31/94	Ground connection, right MacPherson strut tower
		31/95	Ground connection, left MacPherson strut tower
17/13	Data link connector	31/96	Ground connection, right MacPherson strut tower
17/17	Jump start connection	31/98	Ground connection, upper windshield member
17/19	12V outlet, cargo compartment		
17/37	4-pin outlet, tow hitch cable harness	31/102	Ground connection, front member
17/38	7-pin outlet, tow hitch cable harness	31/120	Ground connection, cargo compartment
17/39	13-pin outlet, tow hitch cable harness		
18/4	Contact reel		
20/3-8	Spark plug and ignition coil		

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53/no.	Branching point	54/25	Connector
		54/32	Connector
54/1	Connector	54/34	Connector
54/1B	Connector	54/35	Connector
54/1C	Connector	54/36	Connector
54/3.1	Connector	54/40C	Connector
54/3.2	Connector	54/40D	Connector
54/4	Connector	54/43	Connector
54/7	Connector	54/53	Connector
54/8	Connector	54/54	Connector
54/9	Connector	54/55	Connector
54/10-11	Connector	54/56	Connector
54/12	Connector	54/57.1	Connector
54/13	Connector	54/74	Connector
54/14	Connector	54/100	Connector
54/16	Connector	54/106	Connector
54/20	Connector	54/107	Connector
54/21	Connector	54/132	Connector
54/22-23	Connector	54/1300	Connector
54/24	Connector	54/1400	Connector



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