

VOLVO
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VOLVO **WIRING DIAGRAM** S40 (04-)/V50

TP 3984202

2005 SUPPLEMENT

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

Warning!

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

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

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

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

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

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

General recommendations

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

Test terminal

Data link connector in the passenger compartment.

Modifications introduced up to August 2004

Any changes made to the vehicles after this date are not included in the manual. If necessary refer to service bulletins.

Volvo models are sold in versions adapted for different markets. These adaptations depend on factors such as legal requirements, taxation, and market demands.

This manual may therefore include illustrations and text that do not apply to the vehicles in your country.

Order number TP 3984202

This publication contains updated information for model year 2005 late version. For other electrical systems, see publication TP 3978202, available in Electronic Wiring Diagram (EWD) TP 3983002 or later.

We retain the right to make modifications.

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Explanations

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 83	= Doors and openings
Group 84	= Exterior decorative elements, etc.
Group 85	= Interior equipment
Group 87	= Climate controls
Group 88	= Internal equipment

Ignition switch symbols

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

Countries/Markets

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

Other

AUTO	= Automatic transmission
AWD	= Four-wheel drive
CAN	= CAN communication
DIESEL	= Diesel
DPY	= Display
ECC	= Electronic climate control system
ETA	= Engine throttle body
EXT. X	= Extended X-feed
GDL	= Gas discharge lamp
HISPEED	= High speed data bus
IR	= Infrared sensor
LIN	= LIN communication
LHD	= Left-hand drive
LOSPEED	= Low speed data bus
MAN	= Manual transmission
MEMORY	= Memory driver seat
MMS	= Mass Movement Sensor
GASOLINE	= Gasoline
RHD	= Right-hand drive
SCR	= Screen
SRS	= Airbag
T	= Turbocharged engine
W/O	= Without
2WD	= Two-wheel drive
4CYL	= 4-cylinder engine
5CYL	= 5-cylinder engine

Colors

BK, SB	= Black
BN	= Brown
BU, BL	= Blue
GN	= Green
GY, GR	= Gray
LGN	= Light Green
OG, OR	= Orange
PK, P	= Pink
RD, R	= Red
VT, VO	= Violet
WH, W	= White
YE, Y	= Yellow

How to use the wiring diagrams 1:2

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

A. Component designation

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

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

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

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

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

List of type numbers

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

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

B. Junction points

The wiring diagrams contain numbered junction points, e.g. 63/352.

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

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

C. Connectors

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

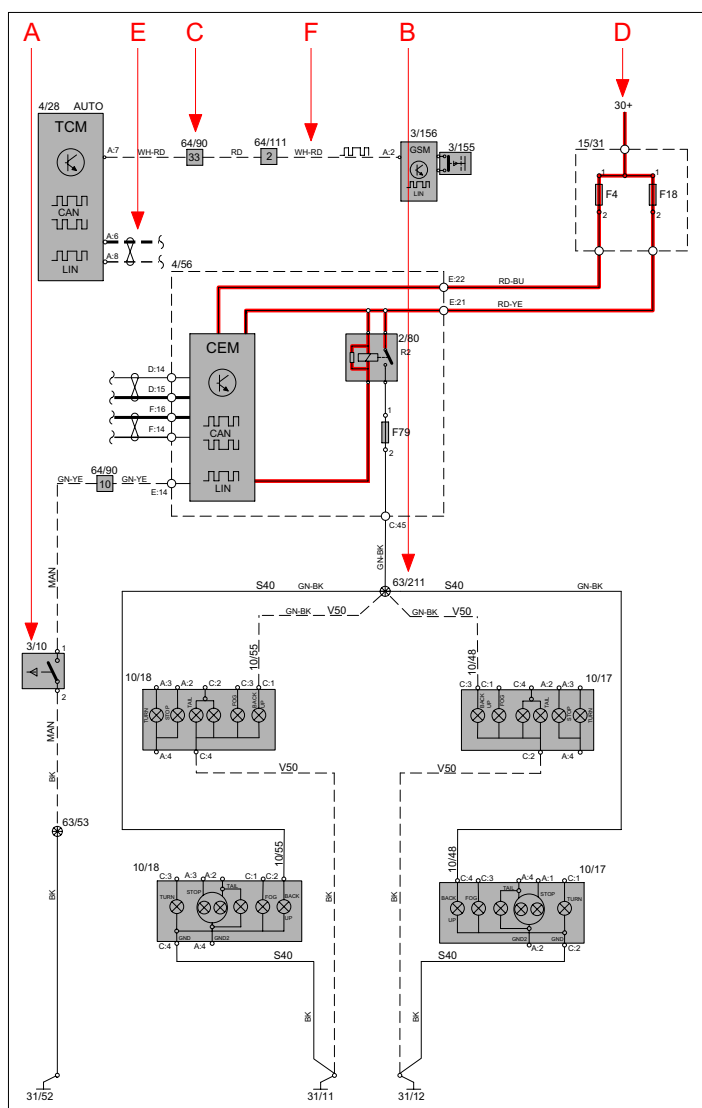
F. Abbreviations

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

G. Component location

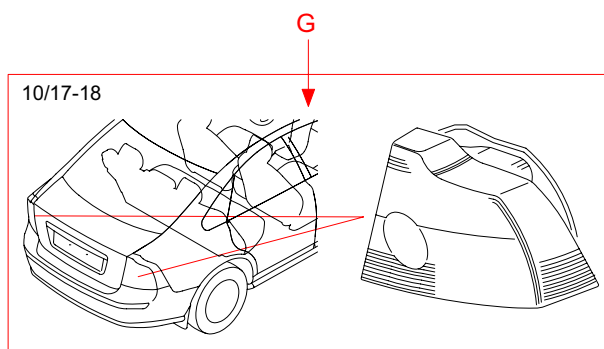
There is a section at the end of the manual in which the appearance and location of components is described in numerical order.

How to use the wiring diagrams 2:2

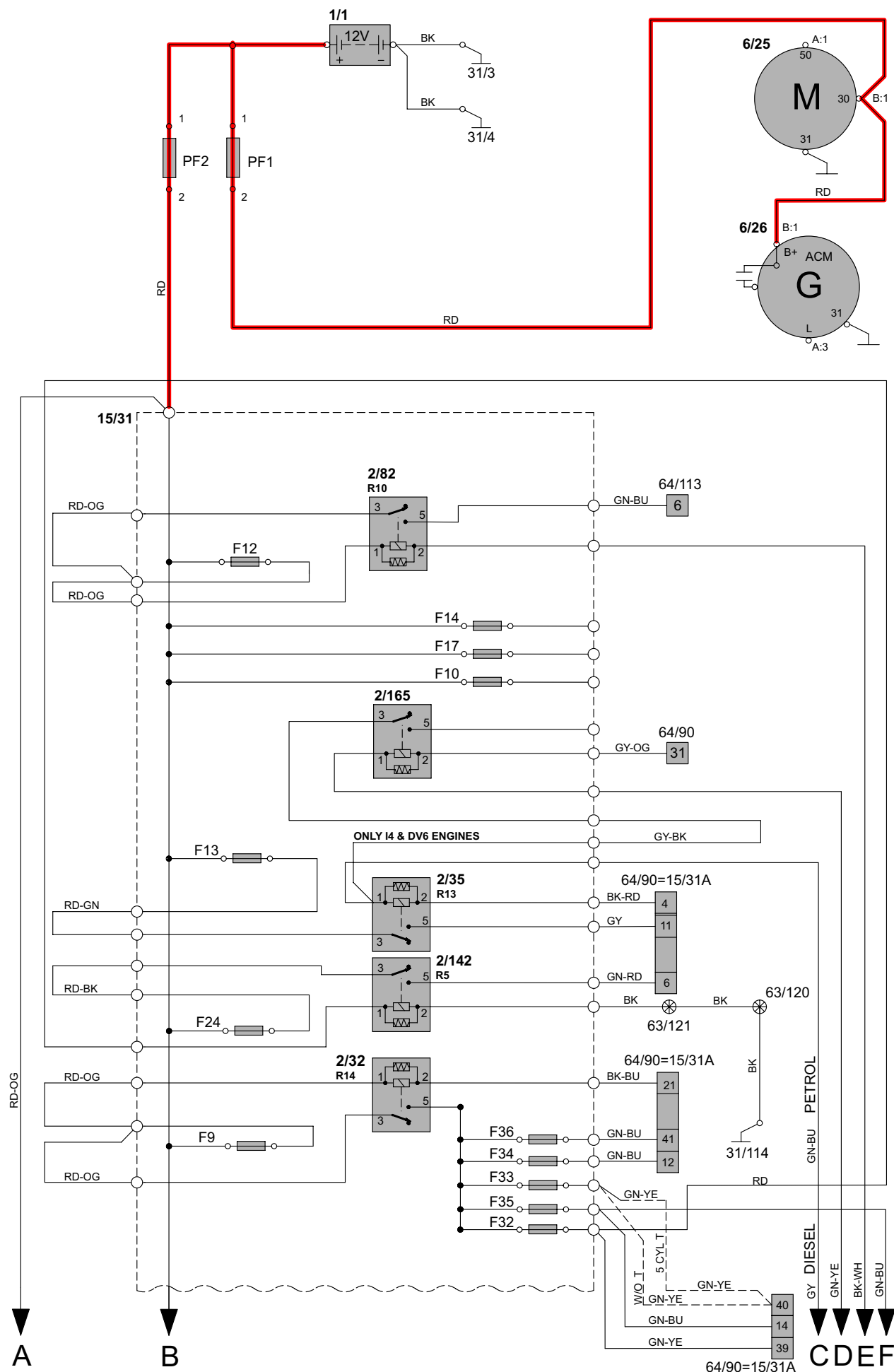


List of symbols

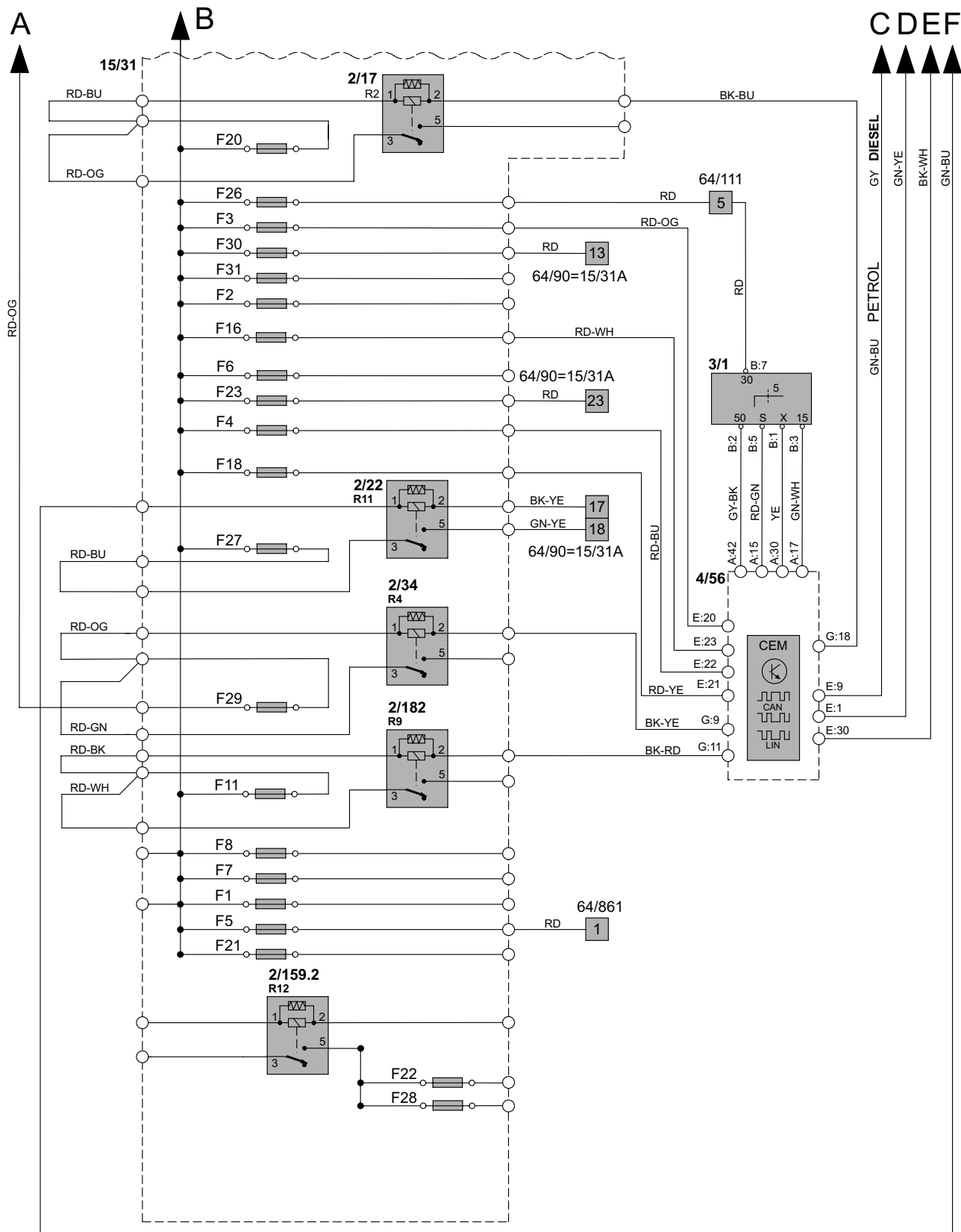
- = System voltage
- = Ground connection via wiring
- = Ground connection on component/chassis
- = Screened wire
- = Junction point
- = Twisted cable
- = Electrical connection
- = Variant
- = CAN communication
- = CAN high data signal (CAN H)
- = CAN low data signal (CAN L)
- = MOST communication
- =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



Electrical distribution 1:2 Overview

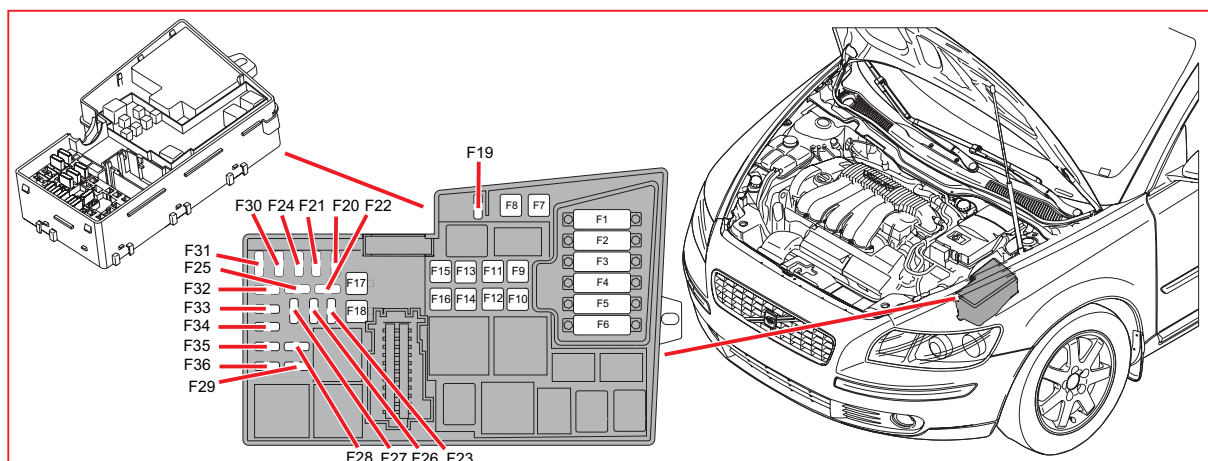


Electrical distribution 2:2 Overview



Fuses

Engine compartment distribution box F1-F8

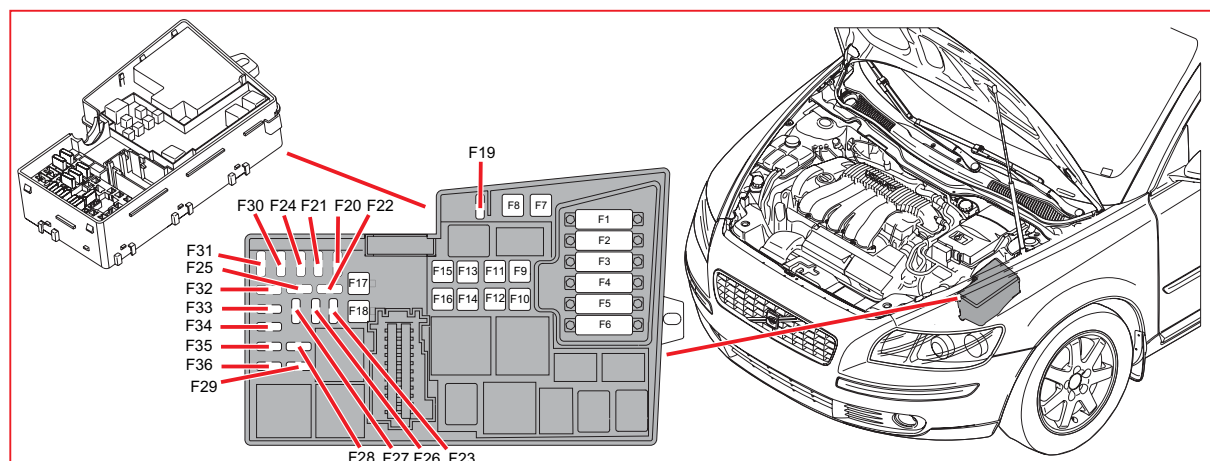


15/31 Engine compartment distribution box

No.	Fuse function	via	A
F1	4/71 Cooling fan control module	-	50
F2	6/71 Electrical Power Steering Module (EPS)	-	80
F3	2/193 Relay, comfort functions	-	60
	F45 Fuse in the Central Electronic Module (CEM)	2/193	
	F48-F49 Fuses in the Central Electronic Module (CEM)	2/193	
	F60-F61 Fuses in the Central Electronic Module (CEM)	2/193	
	F62-F63 Fuses in the Central Electronic Module (CEM)	-	
	F68-F69 Fuses in the Central Electronic Module (CEM)	2/193	
	F80-F82 Fuses in the Central Electronic Module (CEM)	-	
	F84-F85 Fuses in the Central Electronic Module (CEM)	-	
F4	2/63 Relay, high beam	-	60
	F55 Fuses in the Central Electronic Module (CEM)	-	
	F58-F59 Fuses in the Central Electronic Module (CEM)	2/63	
	F74 Fuses in the Central Electronic Module (CEM)	-	
	F77 Fuses in the Central Electronic Module (CEM)	-	
F5	9/41 PTC element, Diesel	-	80
F6	4/109 Glow plug control module	-	60
F7	4/16 Brake Control Module (BCM), pump	-	30
F8	4/16 Brake Control Module (BCM), valves	-	20
continues			

Fuses

Engine compartment distribution box F9-F18

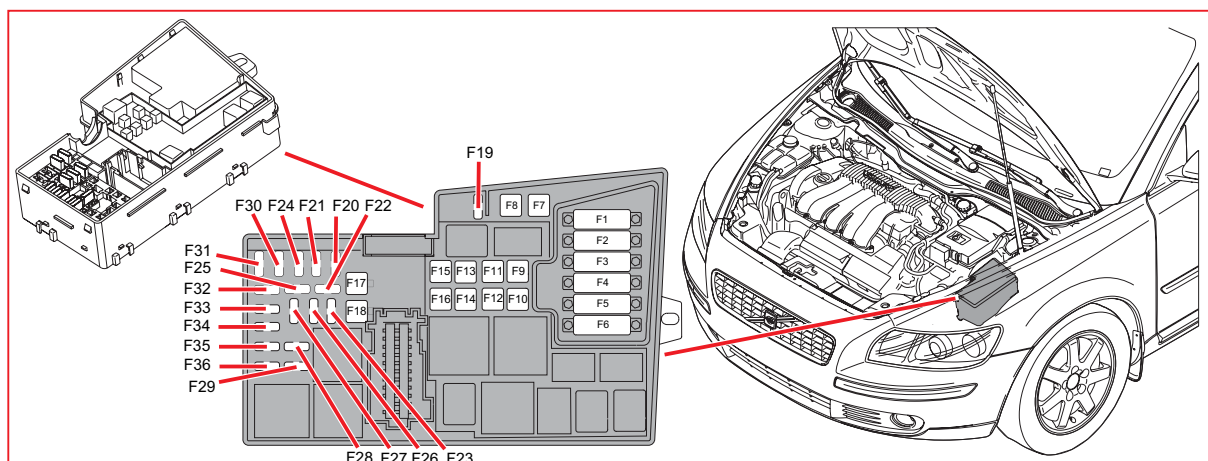


15/31 Engine compartment distribution box

No.	Fuse function	via	A
F9	2/32 Main relay, engine management system F32-F36 Fuses in the engine compartment distribution box	- 2/32	30
F10	4/31 Fan control module	-	40
F11	6/104 Pump, high pressure headlight washer	2/182	20
F12	2/82 Relay, heated rear window 9/2 Heated rear window	- 2/82	30
F13	6/25 Starter motor	2/35	30
F14	4/110 Trailer Module (TRM)	-	40
F16	2/159 Relay, infotainment 16/105 Audio Module (AUD) F43 Fuse in the Central Electronic Module (CEM) F64 Fuse in the Central Electronic Module (CEM) F65-F67 Fuses in the Central Electronic Module (CEM)	- - - - 2/159	30
F17	6/1 Wiper Motor Module (WMM)	-	30
F18	2/80 Relay, reversing lights 2/89 Relay, interior lighting 4/56 Central Electronic Module (CEM) F46-F47 Fuses in the Central Electronic Module (CEM) F56-F57 Fuses in the Central Electronic Module (CEM) F79 Fuse in the Central Electronic Module (CEM) F81-F83 Fuses in the Central Electronic Module (CEM) F86 Fuse in the Central Electronic Module (CEM)	- - - 2/89 - 2/80 - 2/89	40
continues			

Fuses

Engine compartment distribution box F20-F32

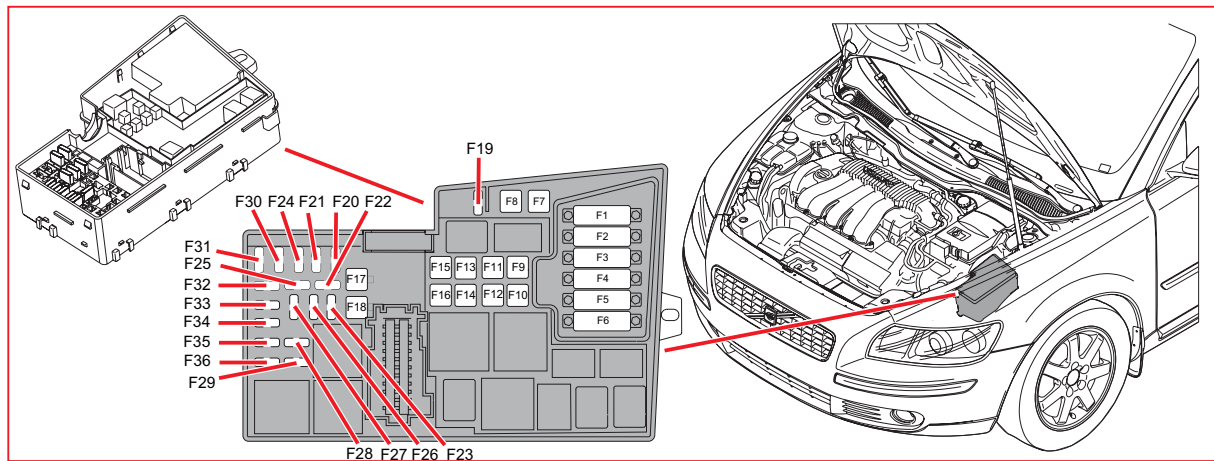


15/31 Engine compartment distribution box

No.	Fuse function	via	A
F20	2/17 Relay, horn	-	15
	16/10 Horn 1	2/17	
	16/11 Horn 2	2/17	
F21	4/7 Combustion Preheater Module (CPM)	-	20
F22	16/79 Subwoofer Module (SUB)	2/159	15
F23	4/28 Transmission Control Module (TCM)	-	10
	4/46 Engine Control Module (ECM)	-	
F24	9/38 Heated fuel filter, Diesel	2/142	20
F26	2/35 Relay, starter motor	3/1	15
	3/1 Start Control Module (SCU)	4/56	
	4/46 Engine Control Module (ECM)	3/1	
	4/56 Central Electronic Module (CEM)	3/1	
	F44 Fuse in the Central Electronic Module (CEM)	3/1	
	F51-F54 Fuses in the Central Electronic Module (CEM)	3/1	
	F73 Fuse in the Central Electronic Module (CEM)	3/1	
F27	8/3 Electromagnetic clutch, climate control system	2/22	10
F28	3/112 Climate Control Module (CCM)	-	10
	16/108 Multimedia Module (MMM)	2/159	
F29	2/34 Relay, front fog lights	-	15
	10/5 Fog light, front left	2/34	
	10/6 Fog light, front right	2/34	
F30	4/46 Engine Control Module (ECM), Diesel	-	3
F31	6/26 Generator, Diesel	-	10
F32	2/142 Relay, pre-heater, fuel filter	-	10
	7/15 Heated oxygen sensor, front	-	
	7/82 Heated oxygen sensor, rear	-	
	8/6-8/10 Injectors, Gasoline	-	
	8/121 Valve coolant	-	
	8/122 Heated oxygen sensor, rear	-	
continues			

Fuses

Engine compartment distribution box F33-FH1

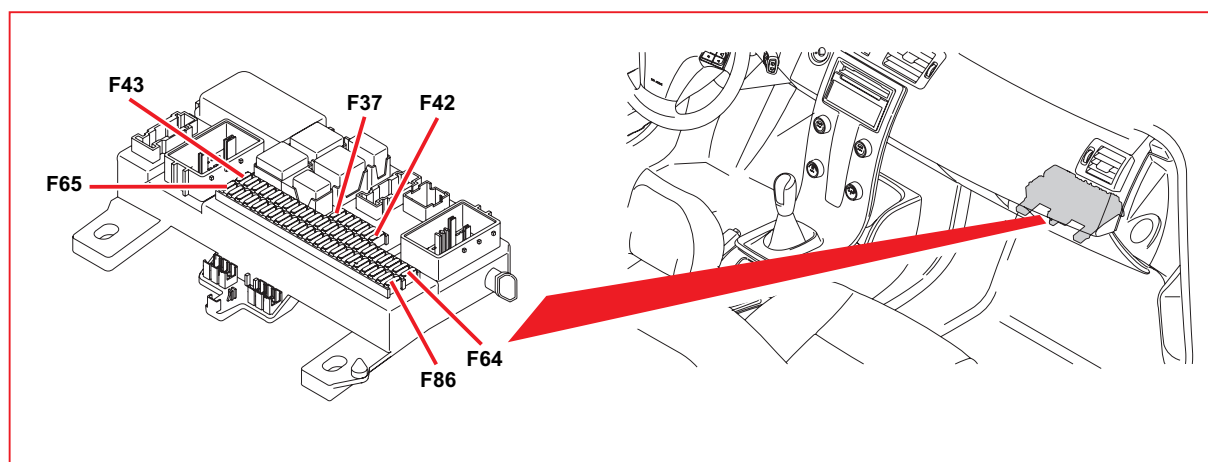


15/31 Engine compartment distribution box

No.	Fuse function	via	A
F33	6/114 Vacuum pump	8/84	20
	7/15 Heated oxygen sensor, front	-	
	7/82 Heated oxygen sensor, rear	-	
	7/186 Heated oxygen sensor, rear	-	
	7/187 Heated oxygen sensor middle	-	
F34	4/46 Engine Control Module (ECM) i5	8/119	10
	8/6-8/9 Injection valves	-	
	8/11 Injector	-	
	8/77 Control valve, fuel volume, Diesel	-	
	20/3 -20/7 Spark plug and ignition coil	-	
	20/17 Transformer, ignition coils	-	
	9/32 PTC resistor, oil trap	-	
F35	2/22 Relay, climate control system	-	15
	6/67 Pump, fuel leakage control	2/22	
	6/99 Engine EGR	-	
	7/17 Mass airflow sensor (MAF)	-	
	7/192 Water detection sensor	-	
	8/6 Injection valves	-	
	8/7 Injection valves	-	
	8/8 Injection valves	-	
	8/9 Injection valves	-	
	8/18 EVAP valve	-	
	8/19 Solenoid, variable valve timing, intake	-	
	8/28 Turbocharger control valve	-	
	8/65 Power steering pressure switch	-	
	8/81 Solenoid, variable valve timing outlet	-	
	8/68 Bypass valve, Diesel	-	
	8/82 Solenoid, variable turbo geometry, Diesel	-	
	8/114 Valve mixing air/fuel	-	
	8/132 Control valve, intake, Diesel	-	
	9/32 PTC-resistor air preheating	-	
F36	4/46 Engine Control Module (ECM)	-	10
	7/51 Accelerator pedal sensor	-	
FH1	10/65 Auxiliary light, front right	2/64	20
	10/69 Auxiliary light, front left		

Fuses

Central Electronic Module (CEM) F43-F52

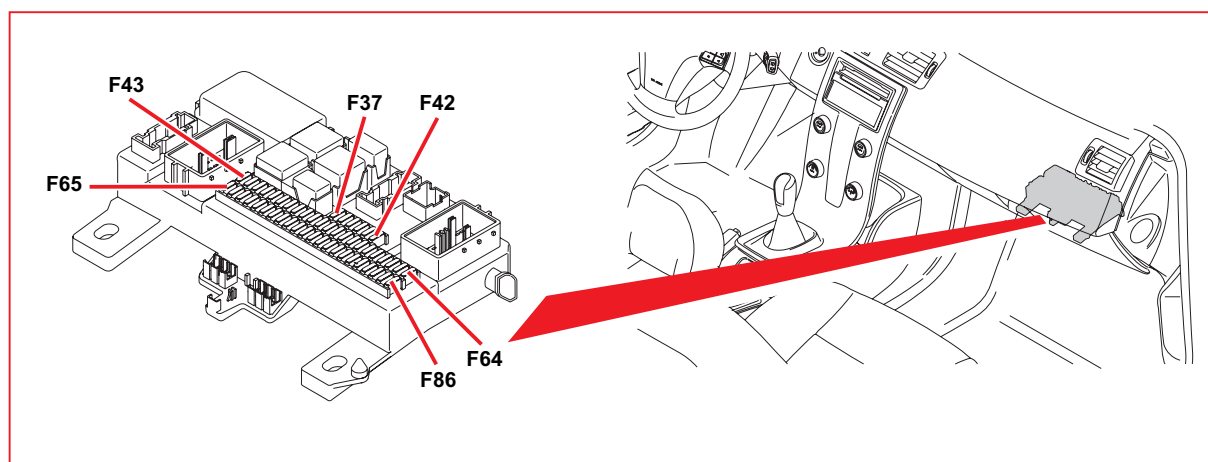


4/56 Central Electronic Module (CEM)

No.	Fuse function	via	A
F43	16/46 RTI Display 16/60 Phone Module (PHM) 16/107 Media Player Module (MPM)	- - -	15
F44	4/9 Supplemental Restraint System Module (SRS)	-	10
F45	9/1 Front 12V outlet 9/25 Rear 12V outlet	- -	15
F46	3/111 Switch unit, lights 5/1 Driver Information Module (DIM) 10/29 Glove compartment lighting 10/97 Courtesy lighting, left 10/102 Courtesy lighting, right	- - - - -	5
F47	10/22 Ceiling light 10/150 Rear reading light 10/114 Vanity mirror lighting, left 10/115 Vanity mirror lighting, right	- - -	5
F48	2/16 Relay, rear window wiper 2/92 Relay, windshield washer motor 2/93 Relay, rear window washer motor 6/2 Washer pump 6/2 Washer pump 6/32 Rear window wiper motor	- - - 2/92 2/93 2/16	15
F49	4/9 Supplemental Restraint System Module (SRS) 7/93 Occupant Weight Sensor (OWS), USA/CDN	- -	10
F51	10/1 Lamp housing, front left, beam length adjustment 10/2 Lamp housing, front right, beam length adjustment 4/112 Control module, gas discharge lamp master, left 4/113 Control module, gas discharge lamp slave, right 9/41 PTC element, Diesel	4/112 4/113 - - -	10
F52	4/16 Brake Control Module (BCM)	-	5
continues			

Fuses

Central Electronic Module (CEM) F53-F66

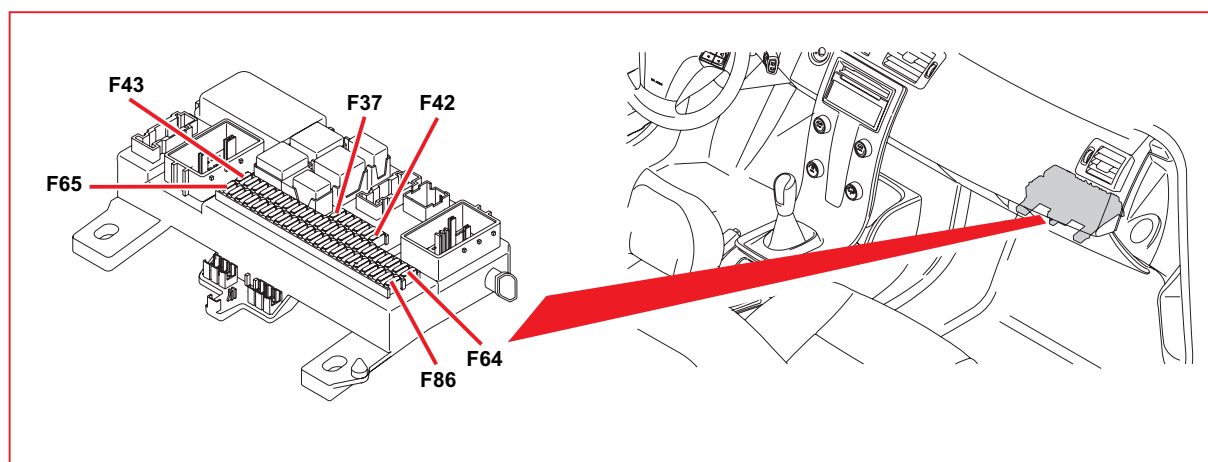


4/56 Central Electronic Module (CEM)

No.	Fuse function	via	A
F53	6/71 Electrical Power Steering Module (EPS)	-	10
F54	4/28 Transmission Control Module (TCM)	-	10
	6/26 Generator	-	
F55	4/93 Keyless Vehicle Module (KVM)	-	20
F56	16/35 Siren Control Module (SCM)	4/56	10
F57	4/46 Engine Control Module (ECM)	3/9	15
	4/56 Central Electronic Module (CEM)	3/9	
	17/13 Data link connector	-	
F58	2/64 Relay, auxiliary light (accessory)	3/60	7.5
	4/113 Control module, gas discharge lamp slave, right	-	
	10/64 High beam, right	-	
F59	4/112 Control module, gas discharge lamp master, left	-	7.5
	10/68 High beam, left	-	
F60	9/12 Seat Heater Module (SHM), driver's side	-	15
F61	9/13 Seat Heater Module (SHM), passenger side	-	15
F62	4/33 Sunroof control module	-	20
F63	3/129 Right Rear Door Module (RDM)	-	20
F64	16/49 Traffic Message Channel Module (TMC)	-	5
	16/94 AM/FM Tuner Module (AFM)	-	
	16/139 Global Positioning System Module (GPS)	-	
F65	7/182 Remote control IR sensor, RTI	-	5
	16/46 RTI Display	-	
	16/105 Audio Module (AUD)	-	
	16/107 Media Player Module (MPM)	-	
F66	2/159 Relay, infotainment	-	10
	16/1 Infotainment Control Module (ICM)	-	
continues			

Fuses

Central Electronic Module (CEM) F68-F86

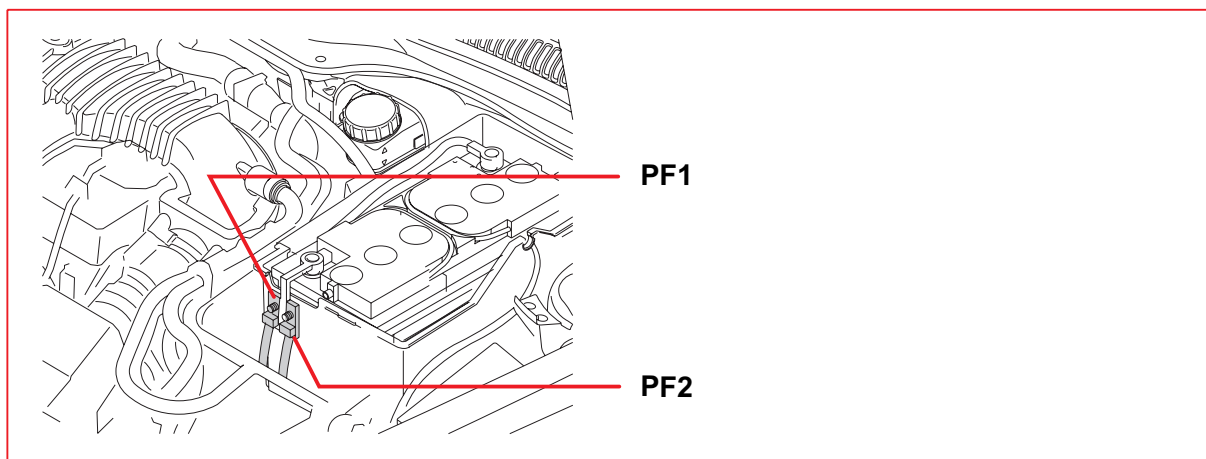


4/56 Central Electronic Module (CEM)

No.	Fuse function	via	A
F68	3/254 Steering Wheel Module (SWM)	-	5
F69	7/149 Rain Sensor Module (RSM)	-	5
	6/48 Damper motor, recirculation	-	
	6/95 Damper motor, temperature, left-hand side	-	
	6/96 Damper motor, temperature, right-hand side	-	
	6/102 Damper motor, defroster	-	
	6/103 Damper motor, floor/ventilation	-	
	7/159 Air quality sensor	-	
F73	3/217 Belt buckle contact, left rear	-	5
	3/218 Belt buckle contact, center rear	-	
	3/219 Belt buckle contact, right rear	-	
	4/33 Sunroof control module	-	
	8/48 Auto-dimming rearview mirror	-	
	10/22 Ceiling light	-	
F74	4/83 Fuel pump control module, gasoline	2/23	15
F77	17/19 12V outlet, cargo compartment	-	15
F79	8/48 Auto-dimming rearview mirror	2/80	5
	10/48 Reversing light, right	-	
	10/55 Reversing light, left	-	
F80	-	-	5
F81	3/128 Left Rear Door Module (LDM)	-	20
F82	3/127 Passenger Door Module (PDM)	-	25
F83	3/126 Driver's Door Module (DDM)	-	25
F84	3/27 Switch unit, power passenger seat	-	25
F85	3/26 Switch unit, power driver's seat	-	25
F86	3/26 Switch unit, power driver's seat	-	5
	3/27 Switch unit, power passenger seat	-	
	10/24 Cargo compartment lighting	-	

Fuses

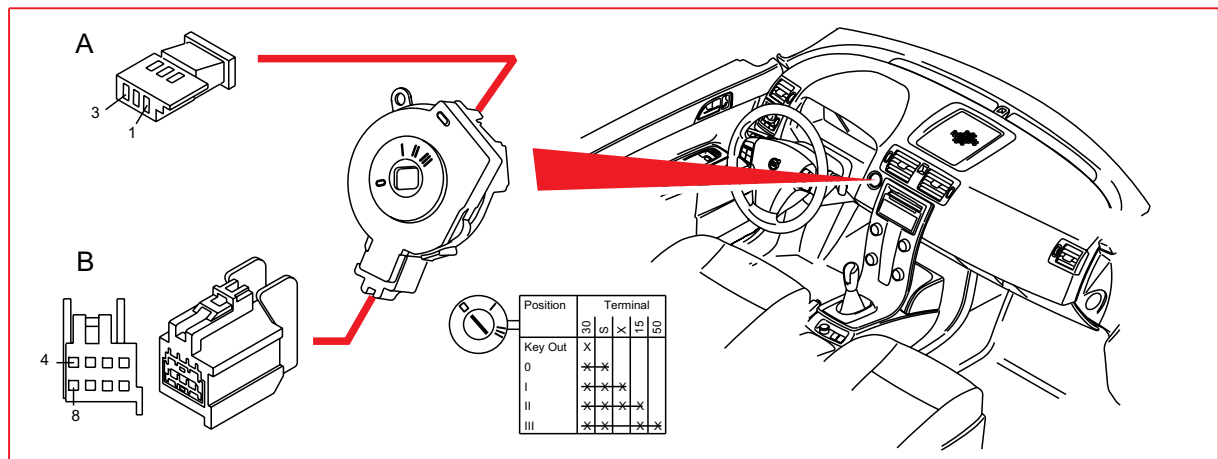
Battery, PF1-PF2



1/1 Battery

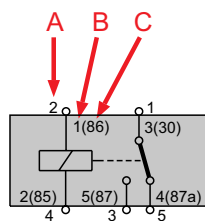
No.	Fuse function		via	A
PF1	6/25	Starter motor	-	150
	6/26	Generator	-	
PF2	F1-F14	Fuses in the engine compartment distribution box	-	150
	F16-F18	Fuses in the engine compartment distribution box	-	
	F20-F21	Fuses in the engine compartment distribution box	-	
	F23-F24	Fuses in the engine compartment distribution box	-	
	F26-F27	Fuses in the engine compartment distribution box	-	
	F29-F31	Fuses in the engine compartment distribution box	-	

Ignition switch and relays



Relays, general

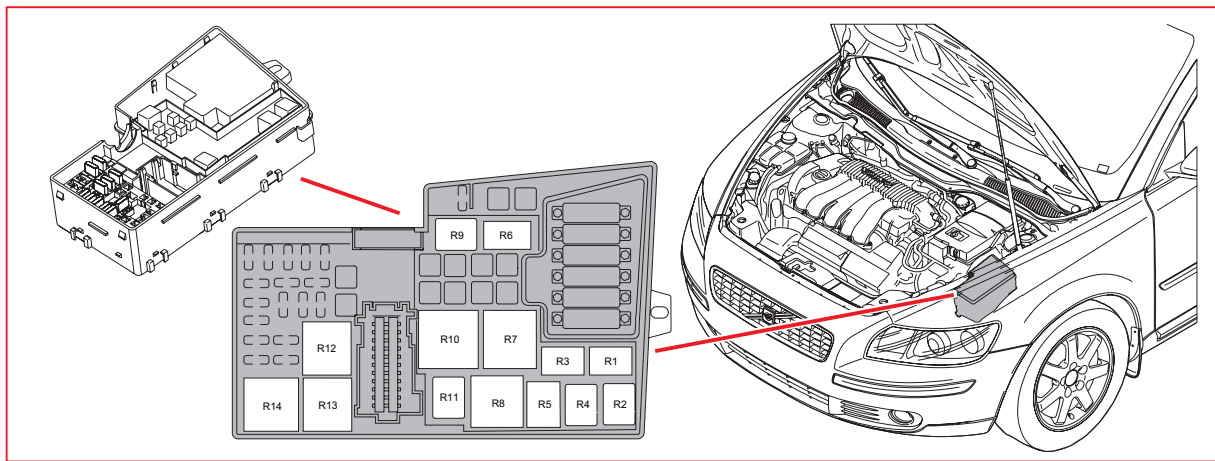
The diagram indicates two or three different designations for the relay's position. This is described below.



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

Distribution box in engine compartment R1-R14

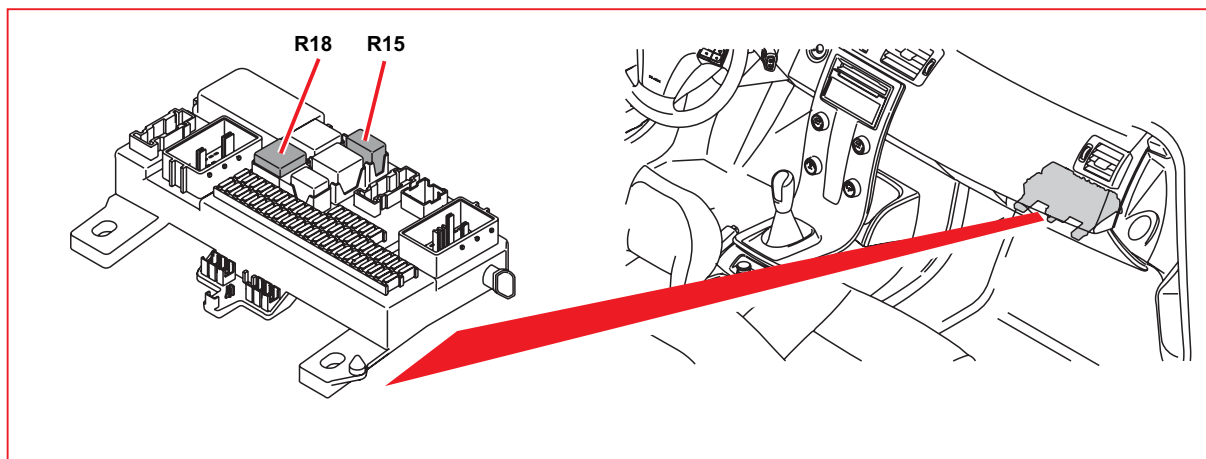


15/31 Engine compartment distribution box

Pos	Relay function	
R1	2/165	Relay immobilizer
R2	2/17	Relay, horn
R4	2/34	Relay, front fog lights
R5	2/142	Relay, pre-heater, fuel filter
R8	2/159.2	Relay, infotainment, extra
R9	2/182	Relay, headlight washer motor
R10	2/82	Relay, heated rear window
R11	2/22	Relay, climate control system
R13	2/35	Relay, starter motor
R14	2/32	Main relay, engine management system

Relays

Central Electronic Module (CEM) R15-R18

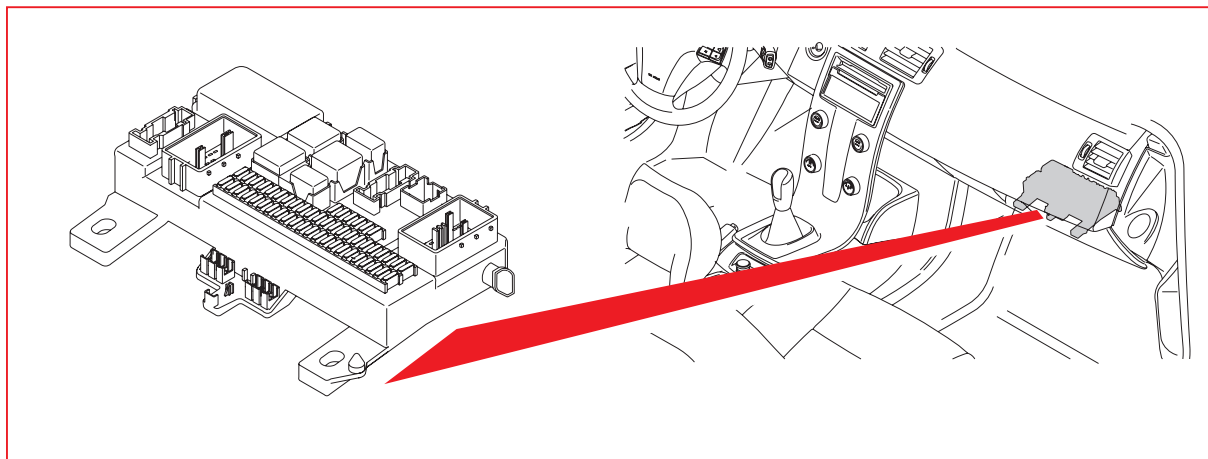


4/56 Central Electronic Module (CEM)

Pos	Relay function	
R15	2/23	Fuel pump relay, gasoline
R18	2/193	Relay, comfort functions

Relays - soldered

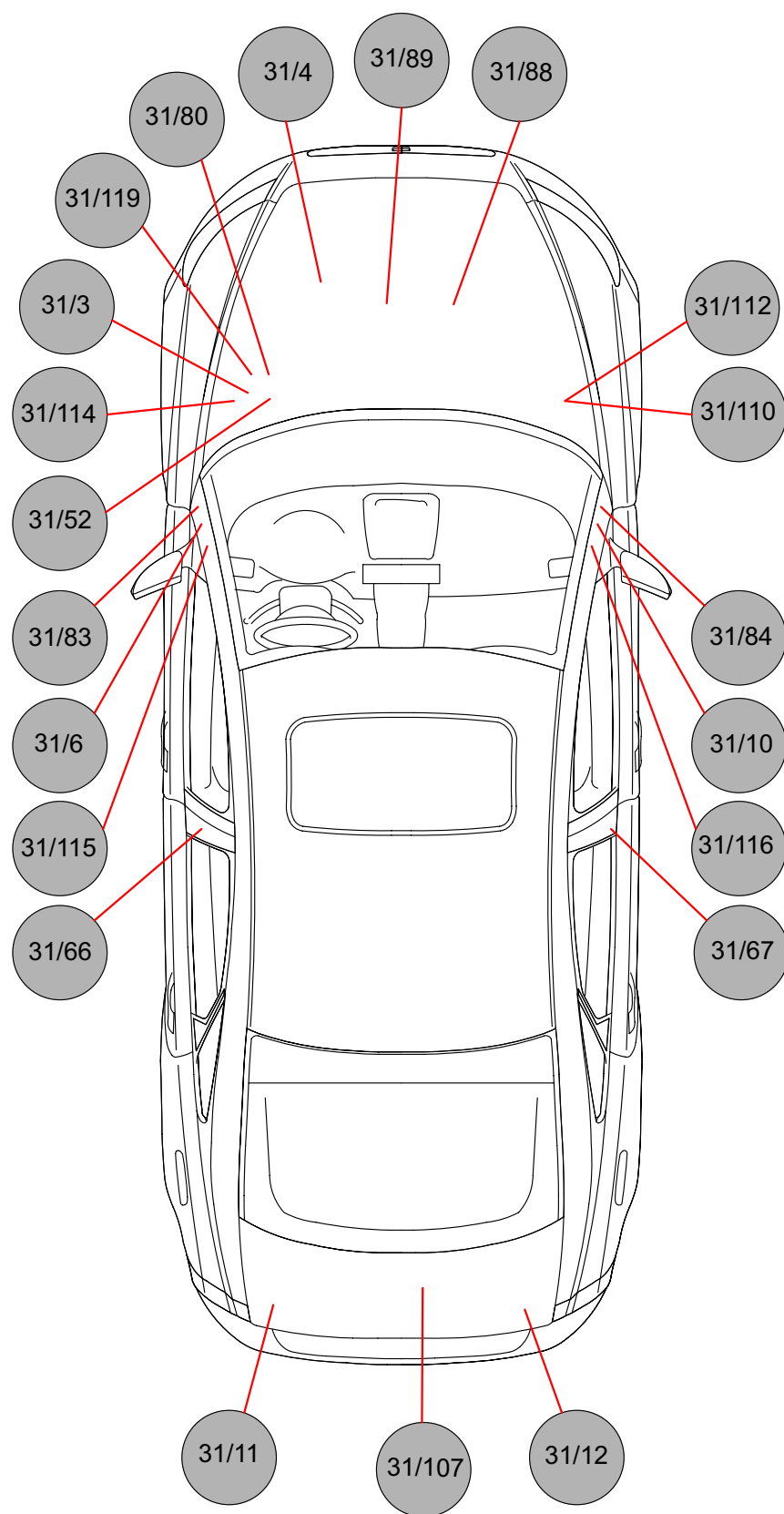
Central Electronic Module (CEM) R1 - R11B



4/56 Central Electronic Module (CEM)

Pos	Relay function	
R1	2/89	Relay, interior lighting
R2	2/80	Relay, reversing lights
R7A	2/92	Relay, windshield washer motor
R7B	2/93	Relay, rear window washer motor
R8	2/63	Relay, high beam
R11A	2/16	Relay, rear window wiper
R11B	2/159	Relay, infotainment

Ground connections Overview



Ground connections

31/3 - 31/10

31/3	Left MacPherson strut tower
1/1	Battery

31/4	Engine
1/1	Battery

31/6	A-post, driver's side
3/111	Switch unit, lights
4/102	Steering Column Lock Module (SCL)
6/28	Motor, passenger compartment fan
10/1	Lamp housing, front left
10/2	Lamp housing, front right
10/3	License plate lighting
17/13	Data link connector

31/10	A-post, passenger side
2/16	Relay, rear window wiper
2/89	Relay, interior lighting
2/92	Relay, windshield washer motor
2/93	Relay, rear window washer motor
2/193	Relay, comfort functions
3/95	Spin control switch
3/112	Climate Control Module (CCM)
3/117	Switch unit, ceiling light
3/156	Gear Selector Module (GSM)
3/173	Switch, trunk lid/tailgate private lock
4/33	Sunroof control module
4/56	Central Electronic Module (CEM)
6/2	Washer pump
6/48	Damper motor, recirculation
6/95	Damper motor, temperature, left-hand side
6/96	Damper motor, temperature, right-hand side
6/102	Damper motor, defroster
6/103	Damper motor, floor/ventilation
6/117	Interior temperature sensor
7/159	Air quality sensor
8/48	Auto-dimming rearview mirror
8/134	Solenoid, reverse interlock, manual
9/1	Front 12V outlet
9/25	Rear 12V outlet
10/22	Ceiling light
10/29	Glove compartment lighting
10/114	Vanity mirror lighting, left
10/115	Vanity mirror lighting, right
10/150	Rear reading light
16/1	Infotainment Control Module (ICM)

Ground connections

31/11 - 31/66

31/11	Rear left side
10/18	Lamp housing, rear left
16/79	Subwoofer Module (SUB)
16/105	Audio Module (AUD)
16/139	Global Positioning System Module (GPS)

31/12	Rear right side
4/78	Accessory Electronic Module (AEM)
4/86	Control module, Parking Assistance Module (PAM)
4/110	Trailer Module (TRM)
6/37	Lock motor, fuel filler flap
10/17	Lamp housing, rear right
17/19	12V outlet, cargo compartment

31/52	Left MacPherson strut tower
3/10	Reversing light contact
4/28	Transmission Control Module (TCM)
4/46	Engine Control Module (ECM)
4/86	Parking Assistance Module (PAM)
7/23	Rear knock sensor
7/24	Front knock sensor
7/192	Water detection sensor
8/3	Electromagnetic clutch, climate control system, Diesel
9/38	Heated fuel filter, Diesel

31/66	Left B-post
3/26	Switch unit, power driver's seat, LHD
3/27	Switch unit, power passenger seat, RHD
3/76	Lock unit, left rear door
3/78	Lock unit, trunk lid/tailgate
3/85	Power window switch, left rear door
3/260	Contact, locking, rear left
3/264	Contact, unlocking, rear left
3/128	Left Rear Door Module (LDM)
4/52	Power Seat Module (PSM), LHD
6/32	Rear window wiper motor, V50
6/35	Fuel pump, auxiliary heater
9/12	Seat Heater Module (SHM), driver's side, LHD
9/13	Seat Heater Module (SHM), passenger side, RHD
10/3	License plate lighting, S40
10/19	Auxiliary brake light, V50

Ground connections

31/67 - 31/84

31/67	Right B-post
3/26	Switch unit, power driver's seat, RHD
3/27	Switch unit, power passenger seat, LHD
3/77	Lock unit, right rear door
3/86	Power window switch, right rear door
3/129	Right Rear Door Module (RDM)
3/261	Locking switch, rear right
3/265	Unlocking switch, rear right
4/52	Power Seat Module (PSM), RHD
4/82	Differential Electronic Module (DEM)
4/93	Keyless Vehicle Module (KVM)
7/93	Occupant Weight Sensor (OWS), USA/CDN
9/12	Seat Heater Module (SHM), driver's side, RHD
9/13	Seat Heater Module (SHM), passenger side, LHD

31/80	Left MacPherson strut tower
4/16	Brake Control Module (BCM), valves

31/83	A-post, driver's side
3/1	Ignition switch
3/6	Switch, hazard warning flashers
3/254	Steering Wheel Module (SWM)
4/103	Remote Entry (RRX)
5/1	Driver Information Module (DIM)
17/13	Data link connector

31/84	A-post, passenger side
4/56	Central Electronic Module (CEM)
7/51	Accelerator pedal sensor
7/149	Rain Sensor Module (RSM)
8/31	Airbag igniter, passenger side
8/32	Igniter, airbag stage 2, passenger side
16/1	Infotainment Control Module (ICM)
16/46	RTI Display
16/60	Phone Module (PHM)
16/93	Control module, cellular phone handsfree
16/107	Media Player Module (MPM)
16/108	Multimedia Module (MMM)

Ground connections

31/88 - 31/114

31/88	Engine
9/32	PTC resistor, oil trap
20/3	Spark plug and ignition coil
20/4	Spark plug and ignition coil

31/89	Engine
20/5	Spark plug and ignition coil
20/6	Spark plug and ignition coil
20/7	Spark plug and ignition coil

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

31/107	Tailgate (V50)
16/16	Window antenna amplifier

31/110	Right MacPherson strut tower
3/271	Contact, immobilizer, clutch pedal
4/7	Combustion Preheater Module (CPM)
4/113	Control module, gas discharge lamp slave, right
6/1	Wiper Motor Module (WMM)
6/104	Pump, high pressure headlight washer
7/4	Brake fluid level sensor
7/5	Washer fluid level sensor
8/119	Pressure monitor, climate control system
8/127	Pressure switch, climate control system, Diesel
10/2	Lamp housing, front right
10/6	Fog light, front right

31/112	Right MacPherson strut tower
9/41	PTC element, Diesel

31/114	Left MacPherson strut tower
2/142	Relay, pre-heater, fuel filter
3/62	Hood alarm contact
4/71	Cooling fan control module
4/109	Glow plug control module
4/112	Gas Discharge Lamp Module (GDL), master
6/71	Electrical Power Steering Module (EPS)
6/114	Vacuum pump, gasoline
10/1	Lamp housing, front left
10/5	Fog light, front left
16/10	Horn 1
16/11	Horn 2
16/35	Siren Control Module (SCM)

Ground connections

31/115 - Ground connections in chassis

31/115 Left A-post	
3/126	Driver's Door Module (DDM), LHD
4/83	Fuel pump control module, RHD, gasoline

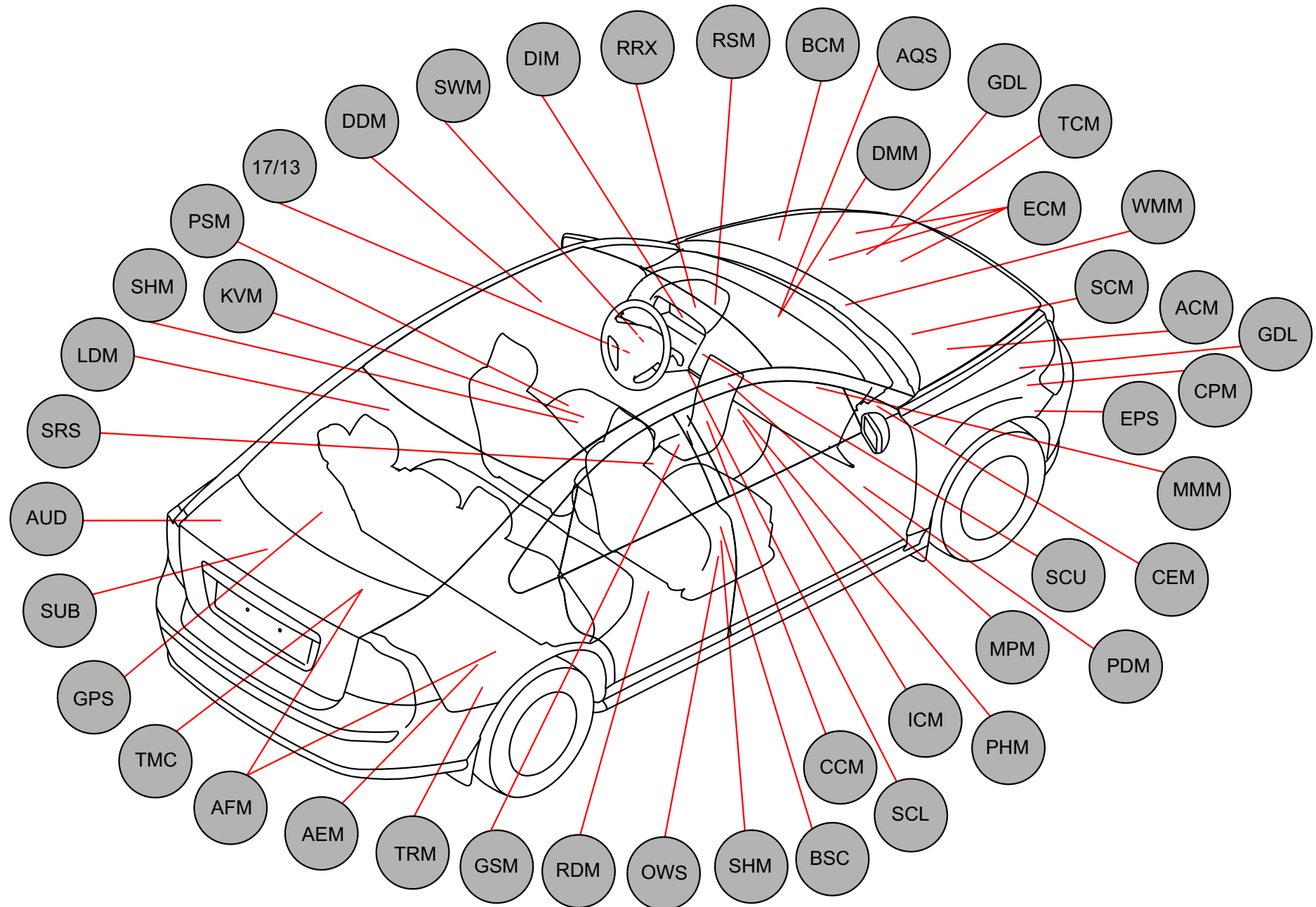
31/116 Right A-post	
3/127	Passenger Door Module (PDM), LHD
4/83	Fuel pump control module, LHD, gasoline
4/111	Additive Dosing Module (ADM)
6/33	Fuel pump

31/119 Left MacPherson strut tower	
4/16	Brake Control Module (BCM)

Grounded directly to chassis	
3/47	Parking brake contact
4/9	Supplemental Restraint System Module (SRS)
6/25	Starter motor
8/3	Electromagnetic clutch, climate control system, gasoline
8/33	Igniter, belt tensioner, driver's side
8/34	Igniter, belt tensioner, passenger side
8/55	Igniter, left rear belt tensioner
8/56	Igniter, right rear belt tensioner
8/66	Igniter, left inflatable curtain
8/67	Igniter, right inflatable curtain
8/128	Driver's belt force limiter
8/129	Passenger belt force limiter
10/19	Auxiliary brake light, S40
16/16	Window antenna amplifier
16/49	Traffic Message Channel Module (TMC)
16/94	AM/FM Tuner Module (AFM)
16/141	Interference filter, rear window, left
16/142	Interference filter, rear window, right

Control modules

Overview of locations



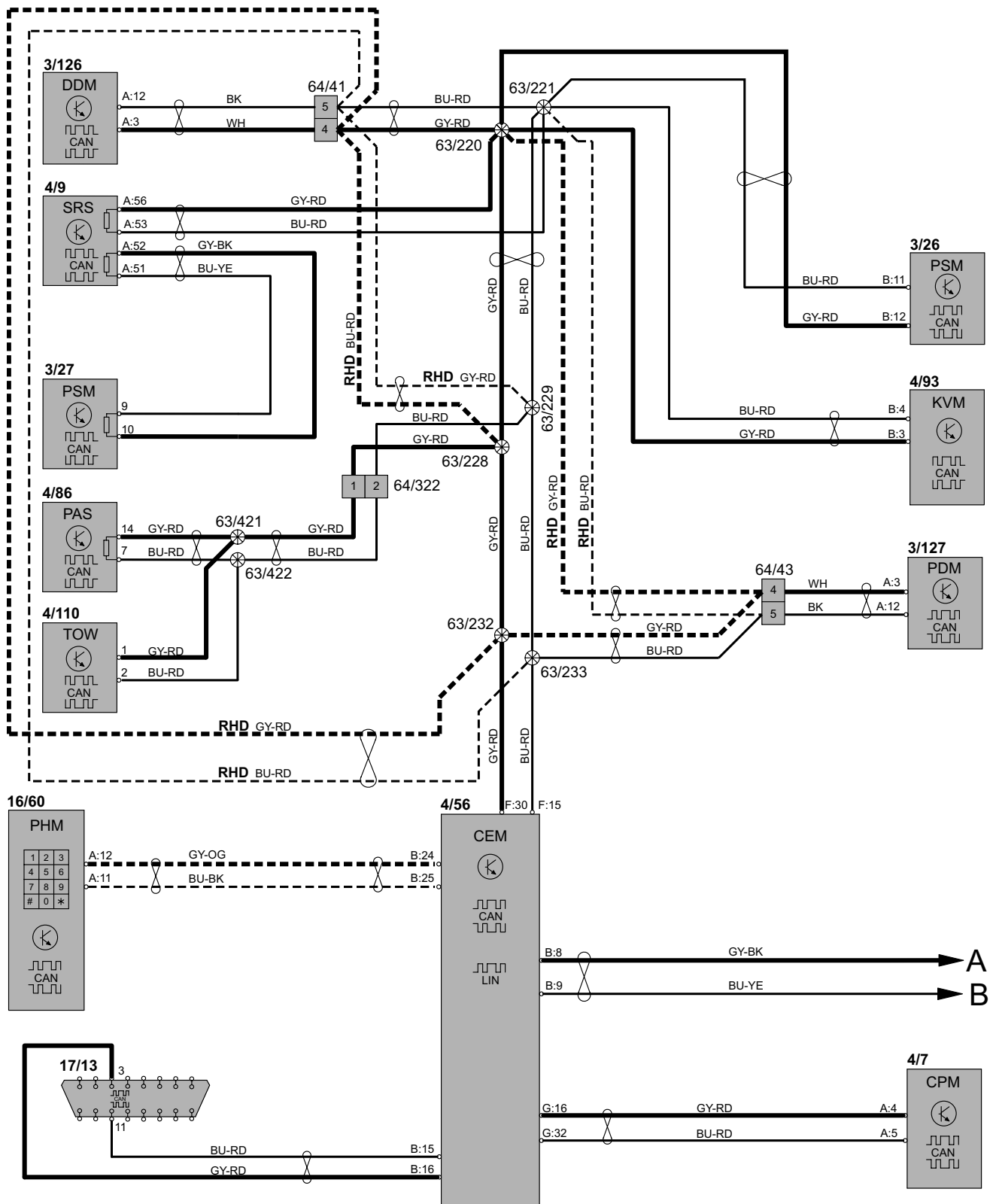
Control modules

Overview of designations

Unit	Designation
ACM	6/26 Alternator Control Module (ACM)
AEM	4/78 Accessory Electronic Module (AEM)
AFM	16/94 AM/FM Tuner Module (AFM)
AQS	7/159 Air Quality Sensor (AQS)
AUD	16/105 Audio Module (AUD)
BCM	4/16 Brake Control Module (BCM)
BSC	7/164 Body Sensor Cluster (BSC)
CCM	3/112 Climate Control Module (CCM)
CEM	4/56 Central Electronic Module (CEM)
CPM	4/7 Combustion Preheater Module (CPM)
DDM	3/126 Driver's Door Module (DDM)
DIM	5/1 Driver Information Module (DIM)
DMM	Damper Motor Module (DMM) -6/48 Damper Motor Module (DMM), recirculation -6/95 Damper Motor Module (DMM), left-hand side -6/96 Damper Motor Module (DMM), right-hand side -6/102 Damper Motor Module (DMM), defroster -6/103 Damper Motor Module (DMM), floor/ventilation
ECM	4/46 Engine Control Module (ECM)
EPS	6/71 Electrical Power Steering Module (EPS)
GDL	Gas Discharge Lamp Module (GDL) -4/112 Control module, gas discharge lamp (GDL), master, left -4/113 Control module, gas discharge lamp (GDL), slave, right
GPS	16/139 Global Positioning System Module (GPS)
GSM	3/156 Gear Selector Module (GSM)
ICM	16/1 Infotainment Control Module (ICM)
KVM	4/93 Keyless Vehicle Module (KVM)
LDM	3/128 Left Rear Door Module (LDM)
MMM	16/108 Multimedia Module (MMM)
MPM	16/107 Media Player Module (MPM)
OWS	7/93 Occupant Weight Sensor (OWS)
PDM	3/127 Passenger Door Module (PDM)
PHM	16/60 Phone Module (PHM)
PSM	4/52 Power Seat Module (PSM)
RDM	3/129 Right Rear Door Module (RDM)
RRX	4/103 Remote Entry (RRX)
RSM	7/149 Rain Sensor Module (RSM)
SCL	4/102 Steering Column Lock Module (SCL)
SCM	16/35 Siren Control Module (SCM)
SCU	3/1 Start Control Module (SCU)
SHM	Seat Heater Module (SHM) -9/12 Seat Heater Module (SHM), driver's side -9/13 Seat Heater Module (SHM), passenger side
SRS	4/9 Supplemental Restraint System Module (SRS)
SUB	16/79 Subwoofer Module (SUB)
SWM	3/254 Steering Wheel Module (SWM)
TCM	4/28 Transmission Control Module (TCM)
TMC	16/49 Traffic Message Channel Module (TMC)
TRM	4/110 Trailer Module (TRM)
WMM	6/1 Wiper Motor Module (WMM)
17/13	17/13 Data link connector

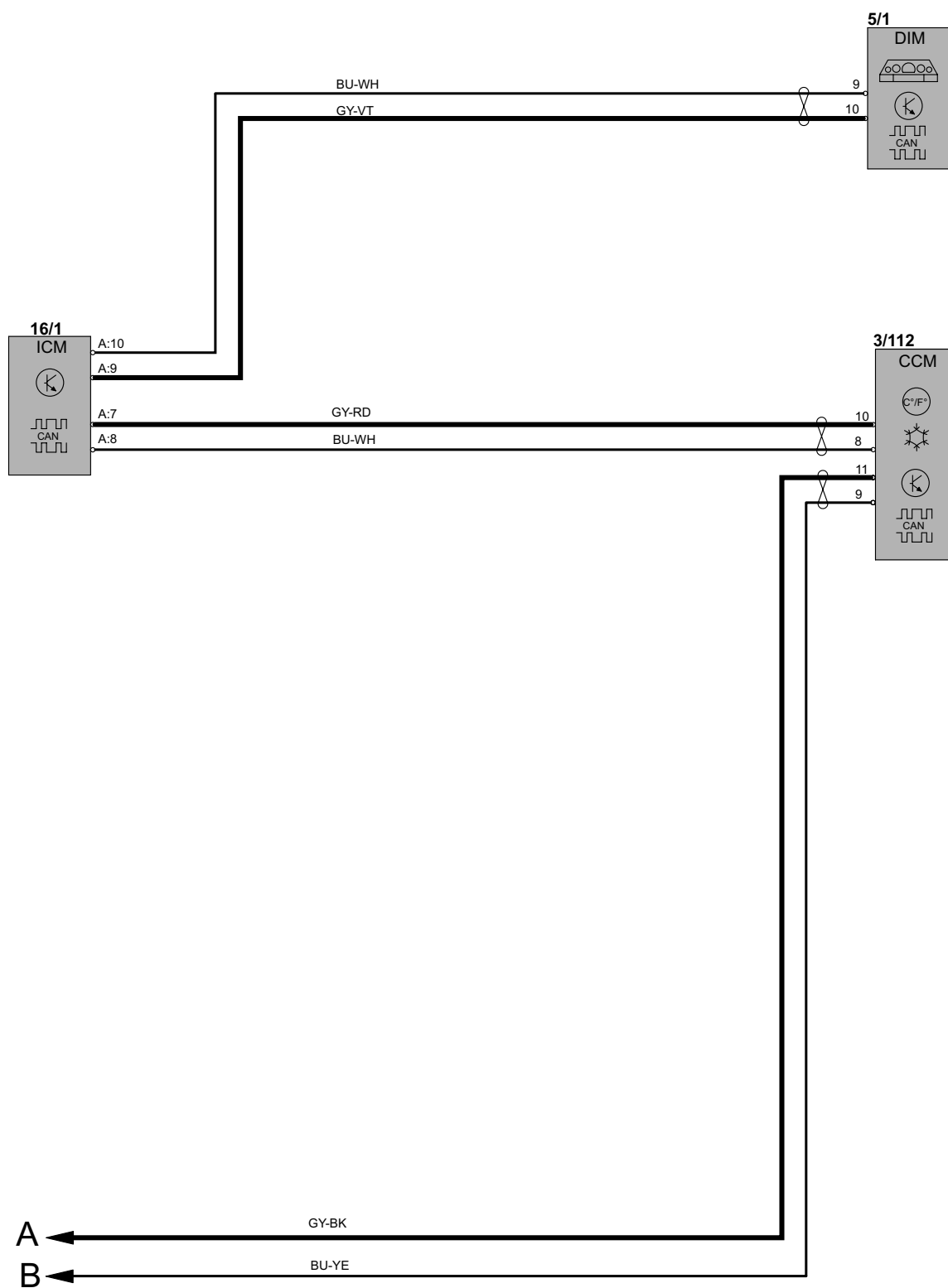
Control modules

Data communication Low speed CAN 1:2



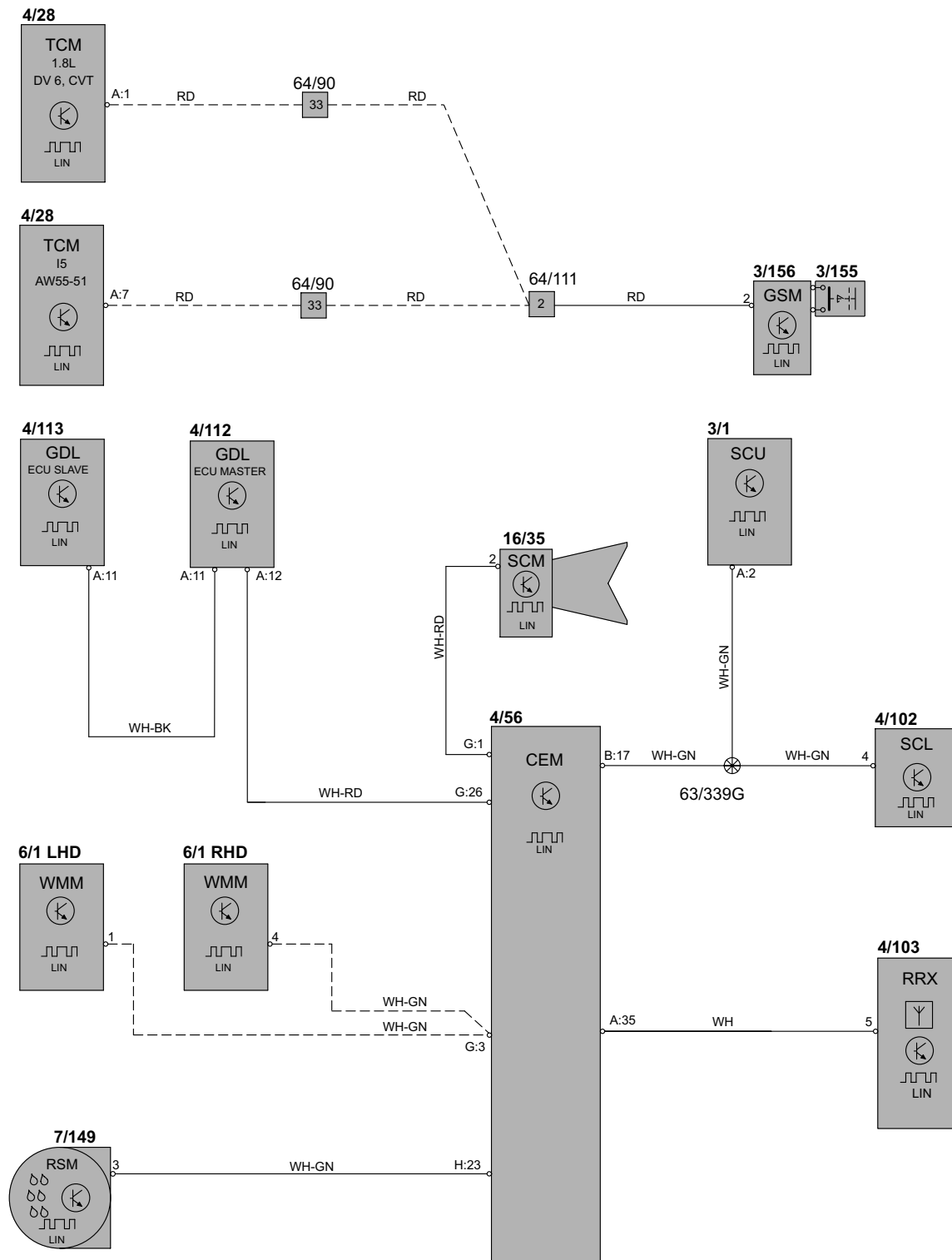
Control modules

Low speed CAN data communication 2:2



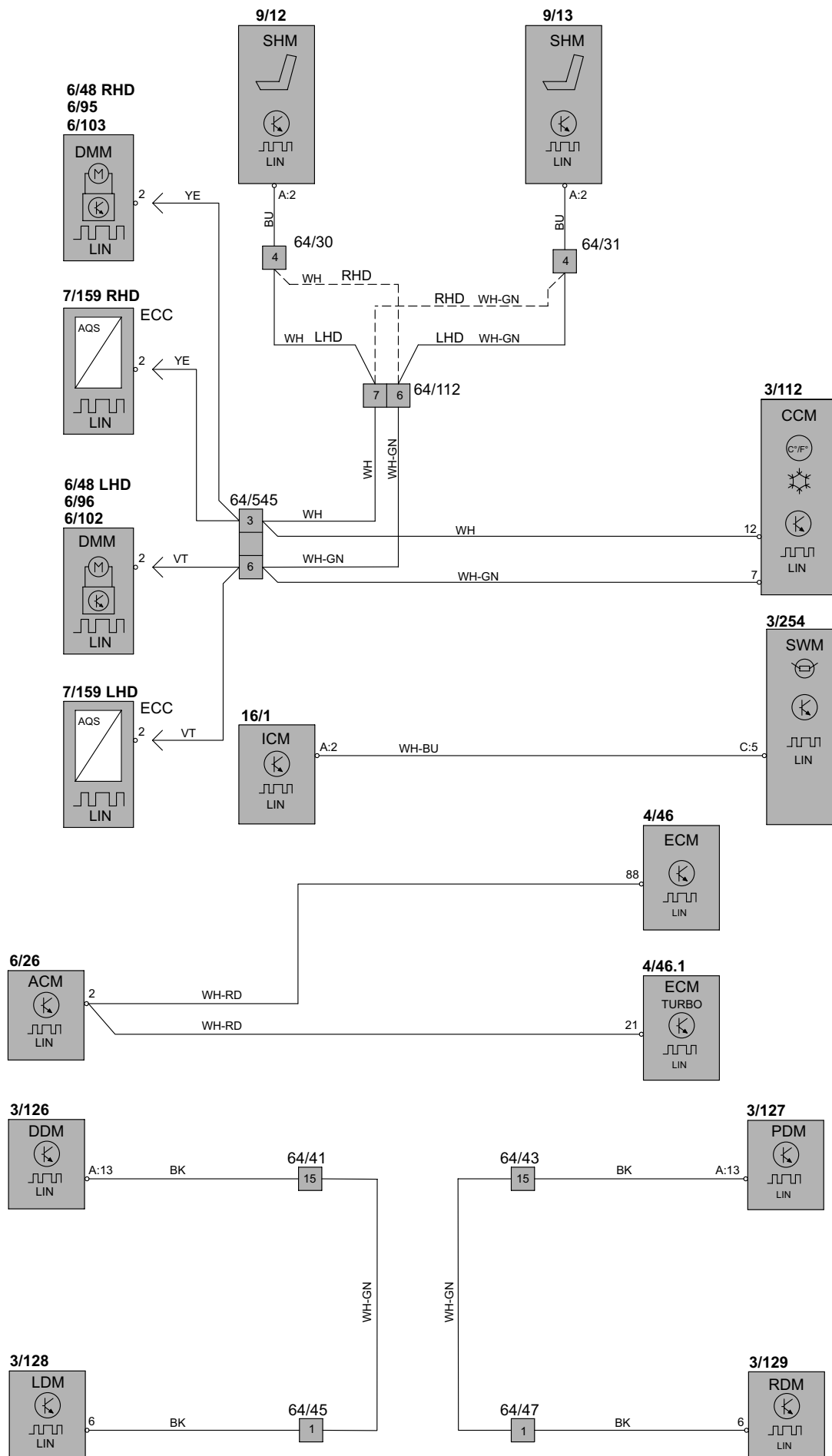
Control modules

Data communication LIN 1:2

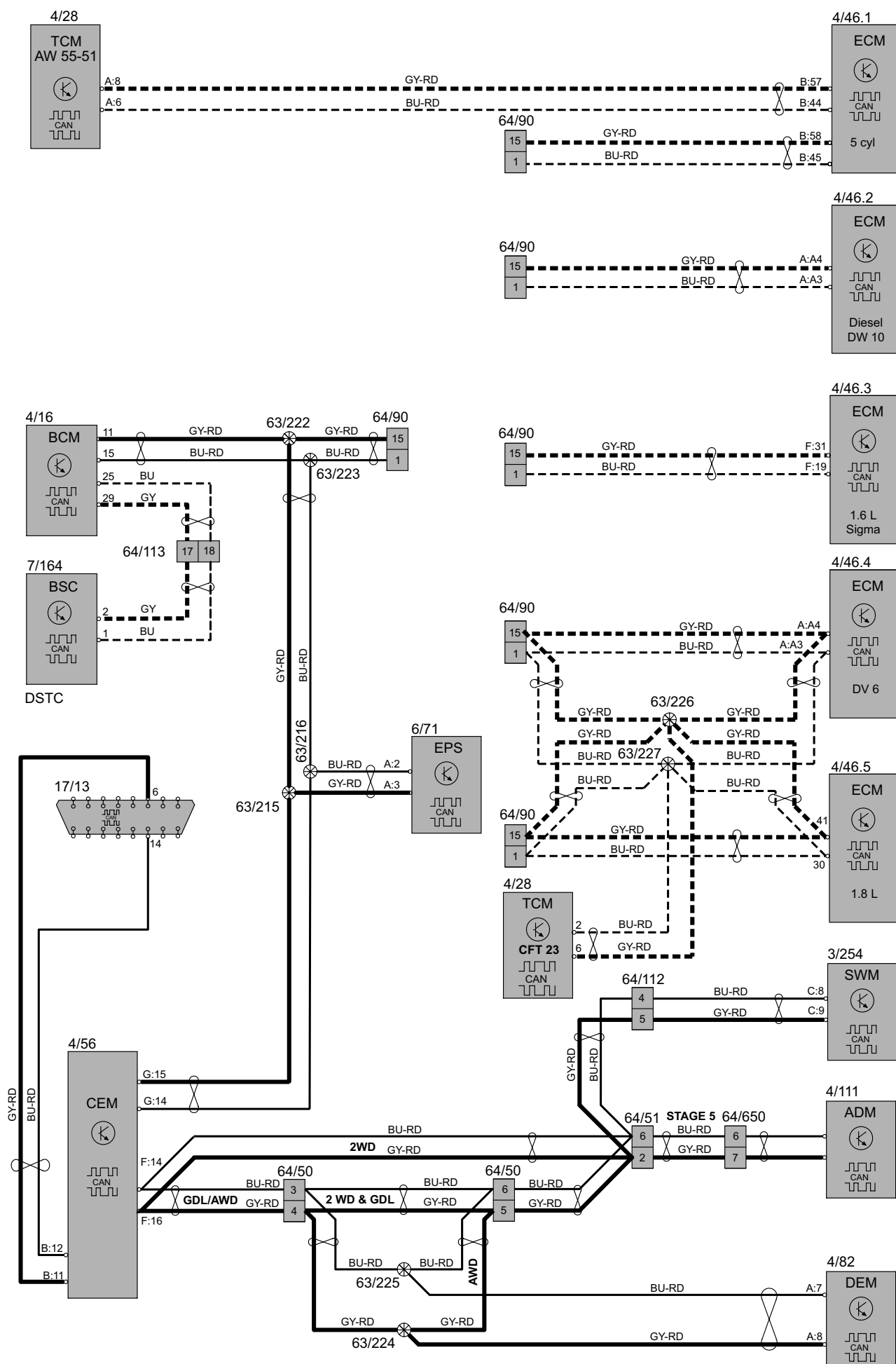


Control modules

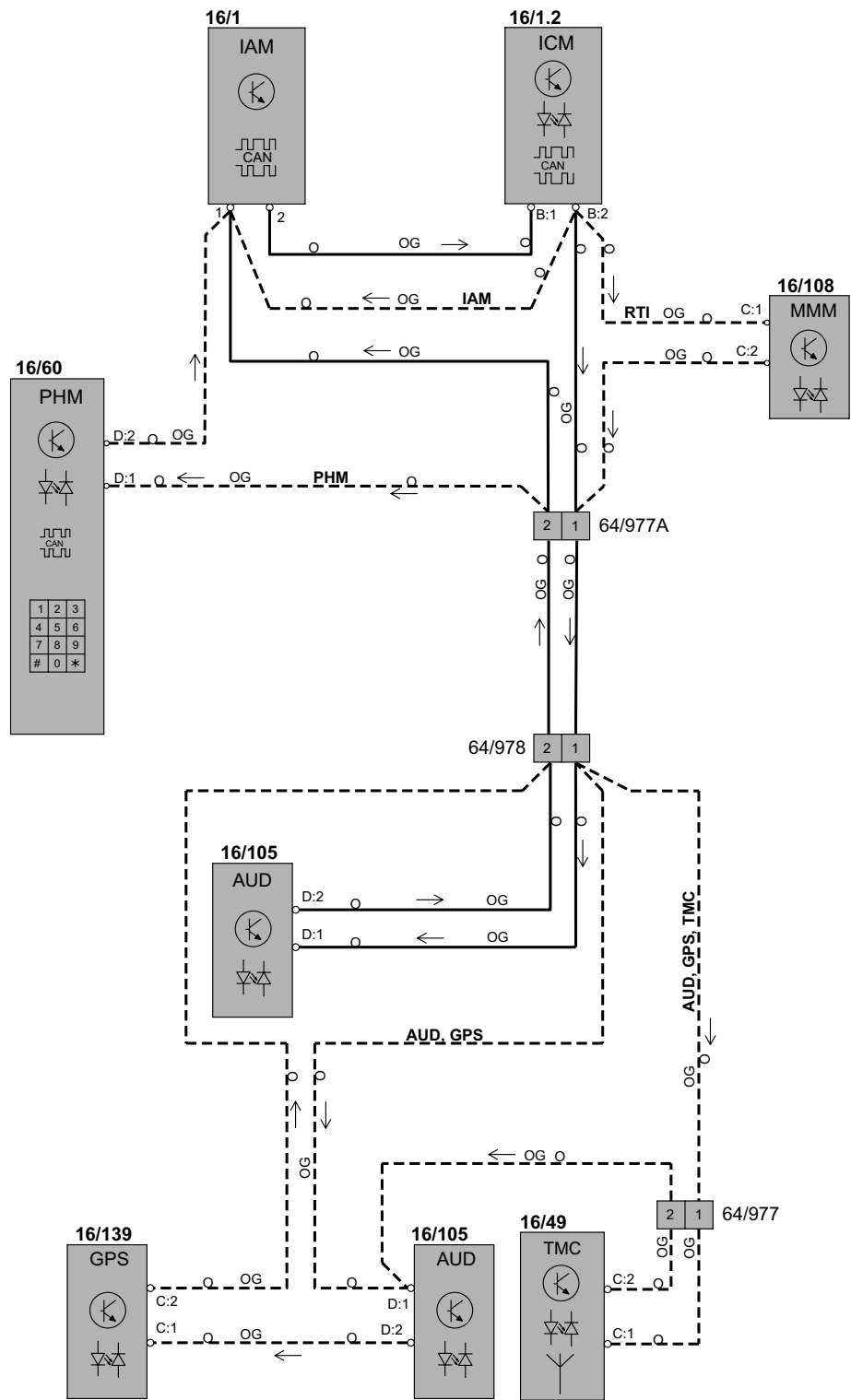
LIN data communication 2:2



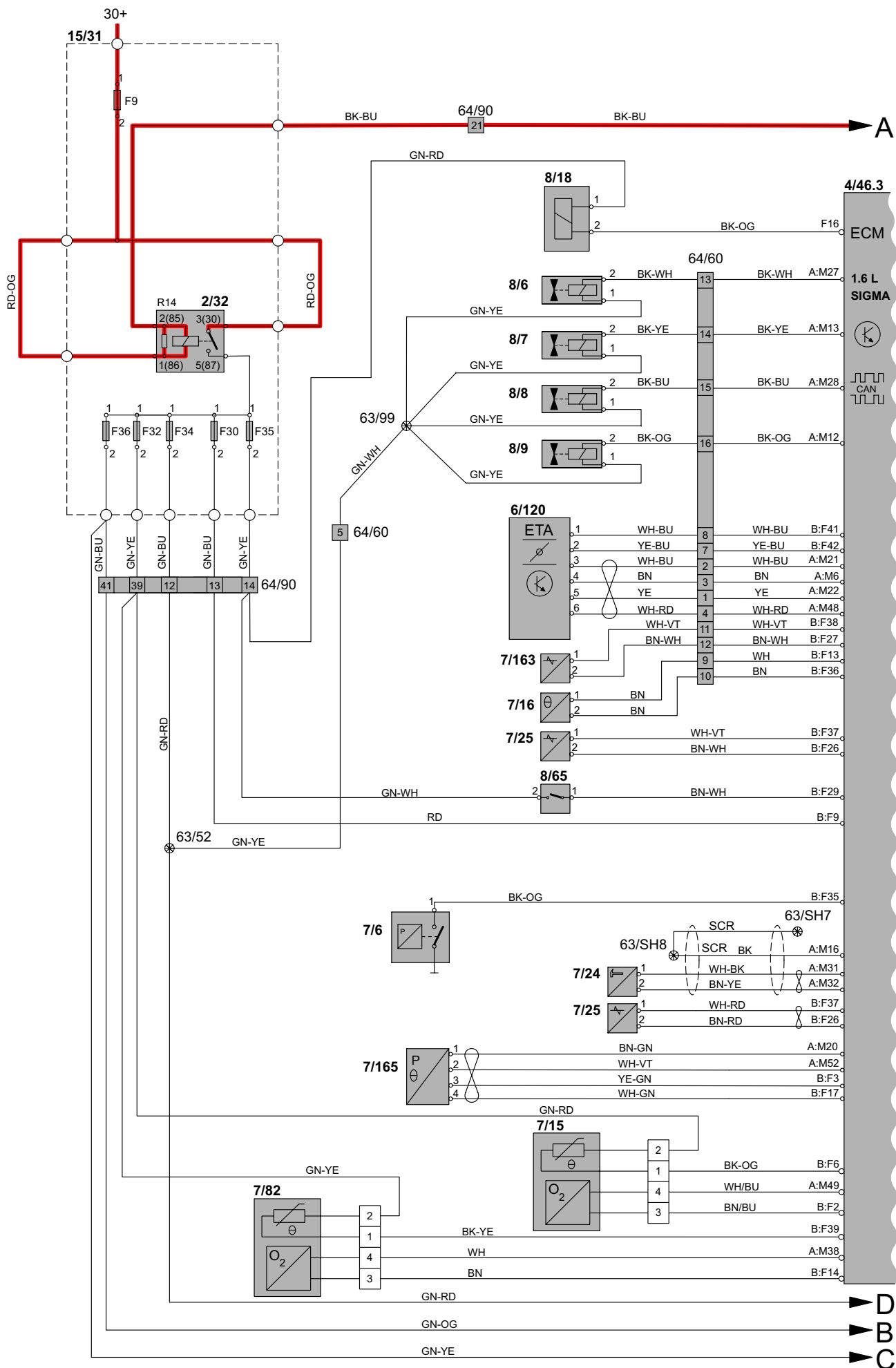
Data communication High speed CAN



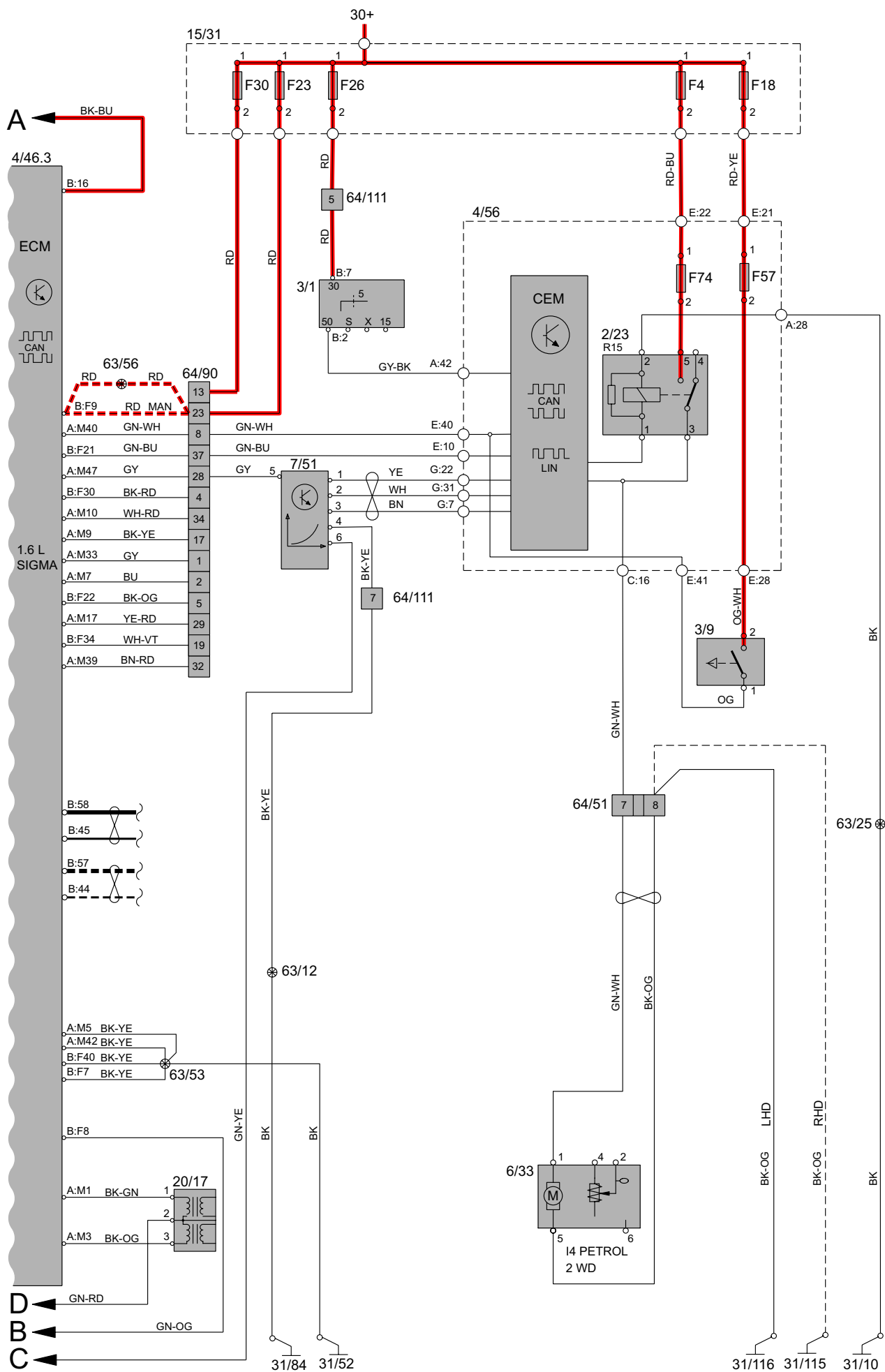
Control modules
Data communication MOST



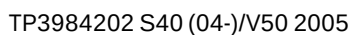
Engine management system, 4-cyl 1.6l 1:2



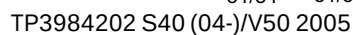
Engine management system, 4-cyl 1.6l 2:2



Engine management system 4-cyl. 1.6l Diesel 1:2

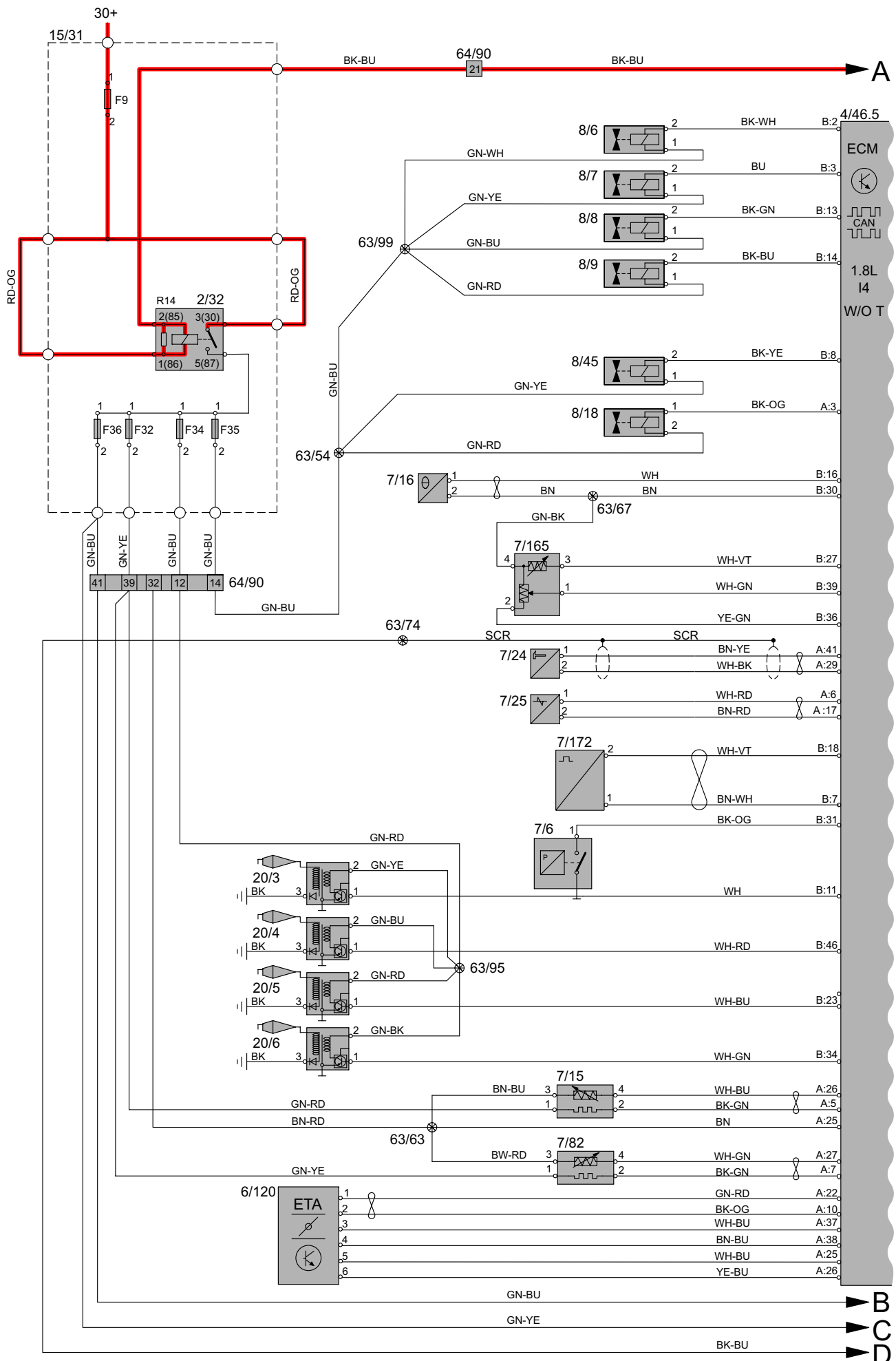


Engine management system, 4-cyl 1.6l Diesel 2:2



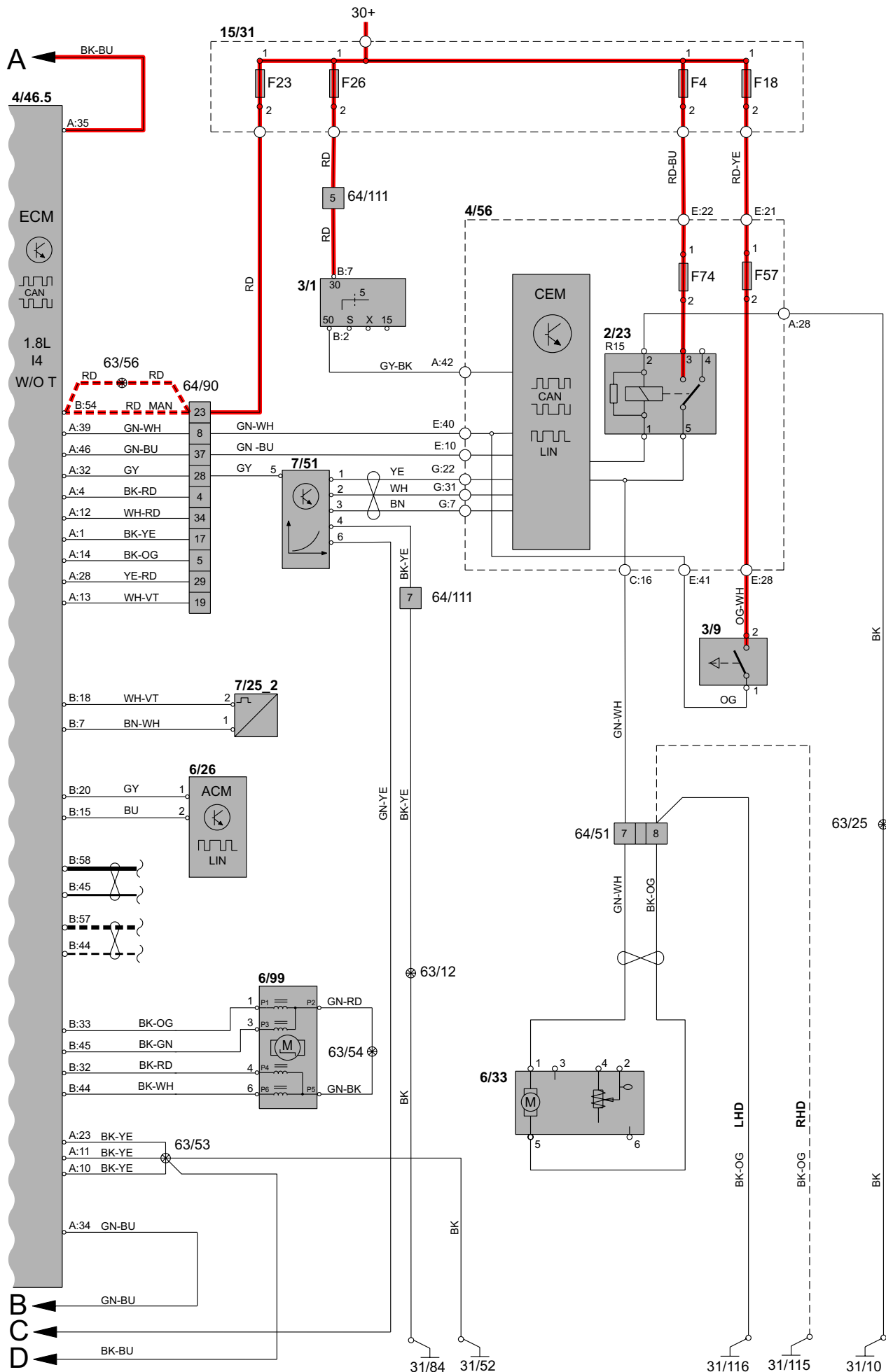
Group 23 Fuel system

Engine management system, 4-cyl 1.8l 1:2

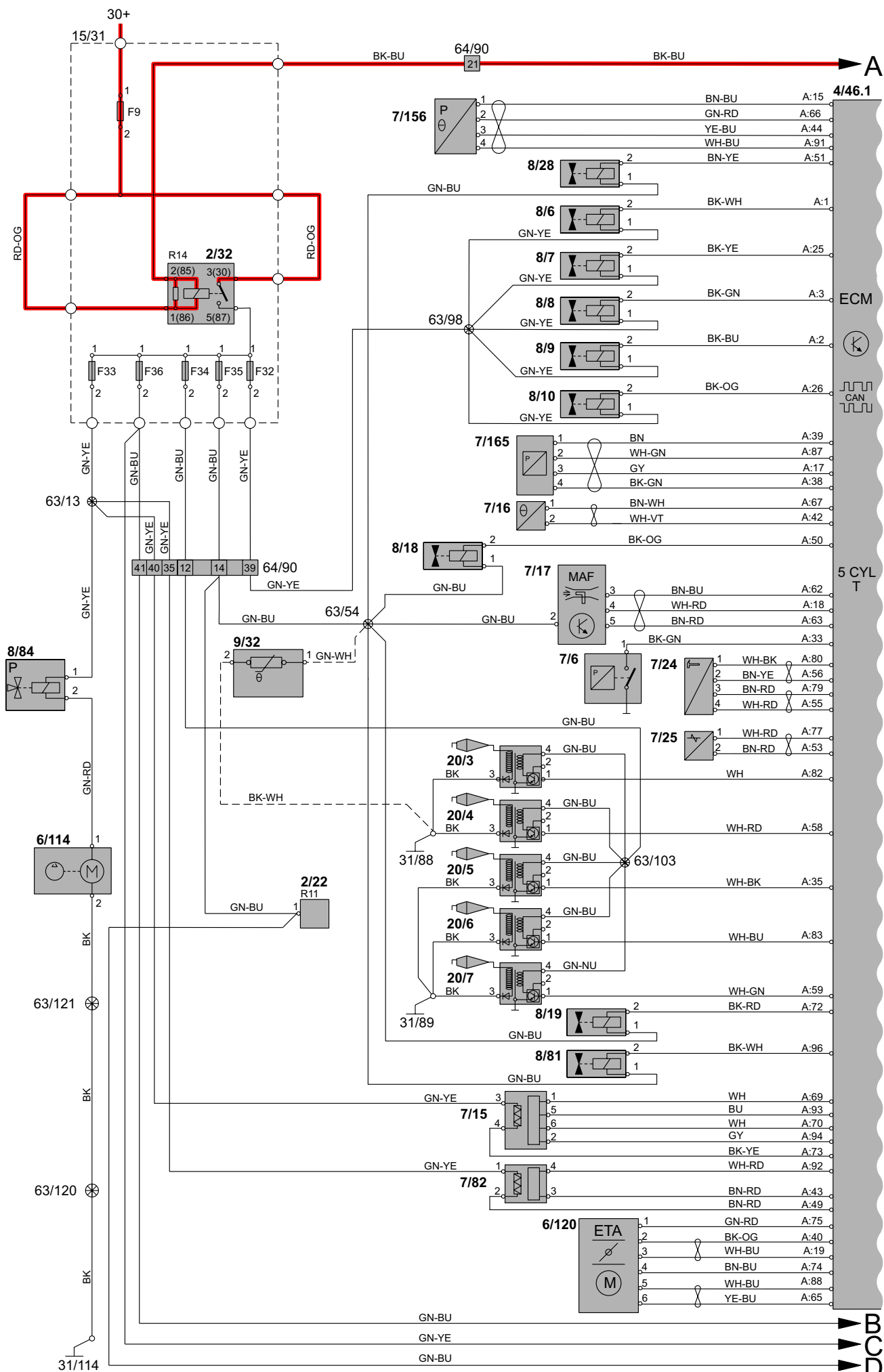


Group 23 Fuel system

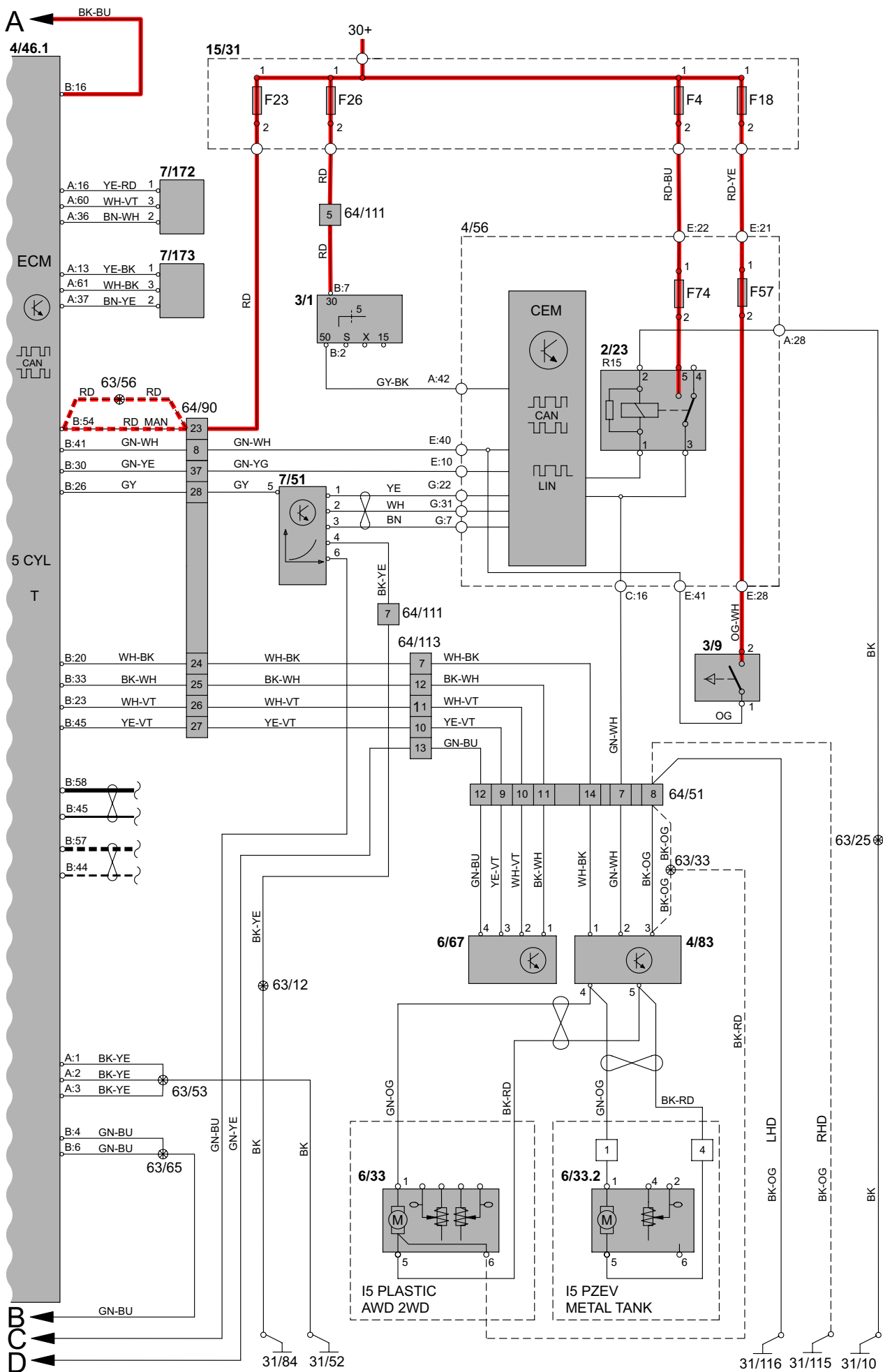
Engine management system 4-cyl. 1.8l 2:2



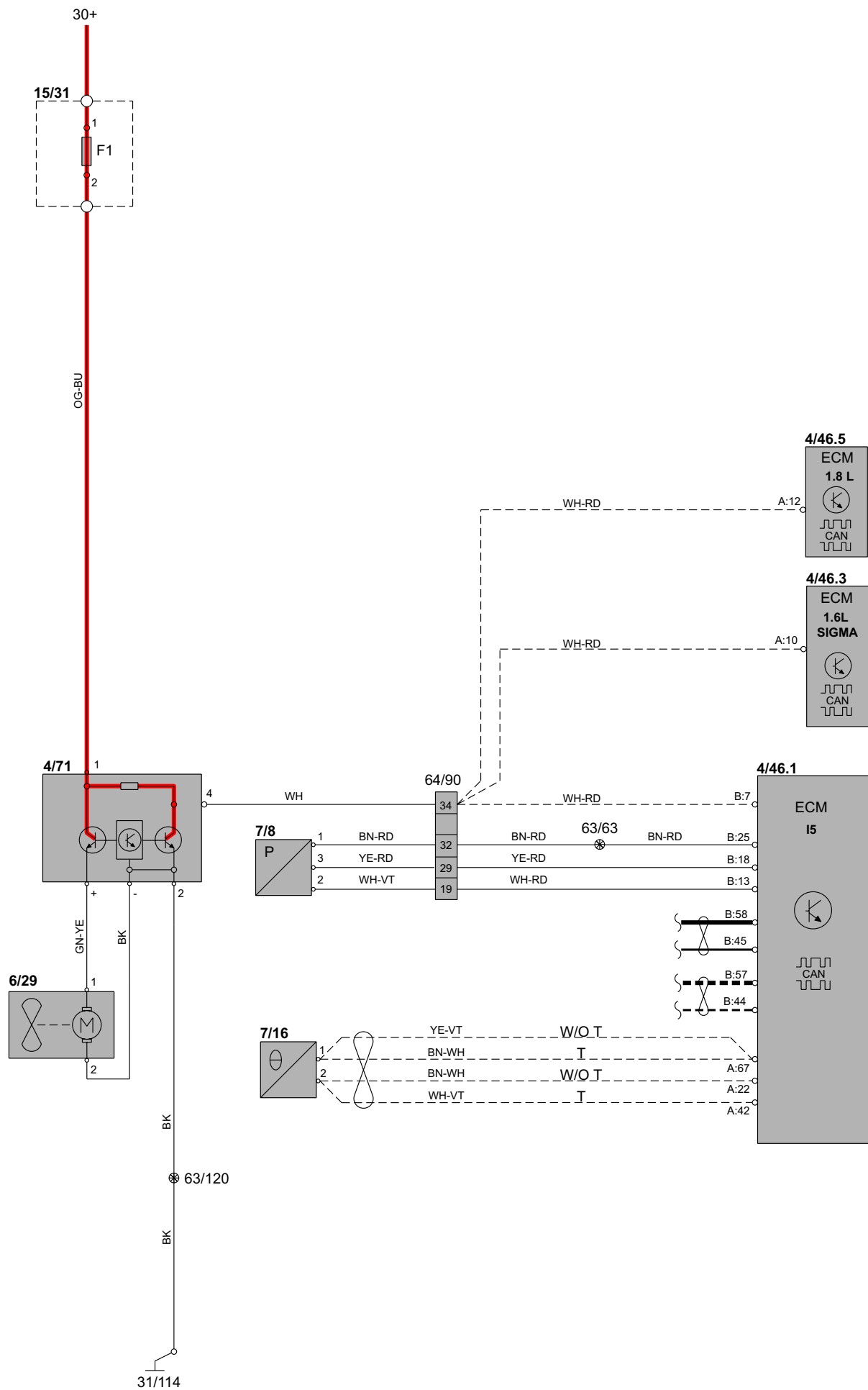
Engine management system 5-cyl. Turbo 1.8l 1:2



Engine management system 5-cyl. Turbo 2:2

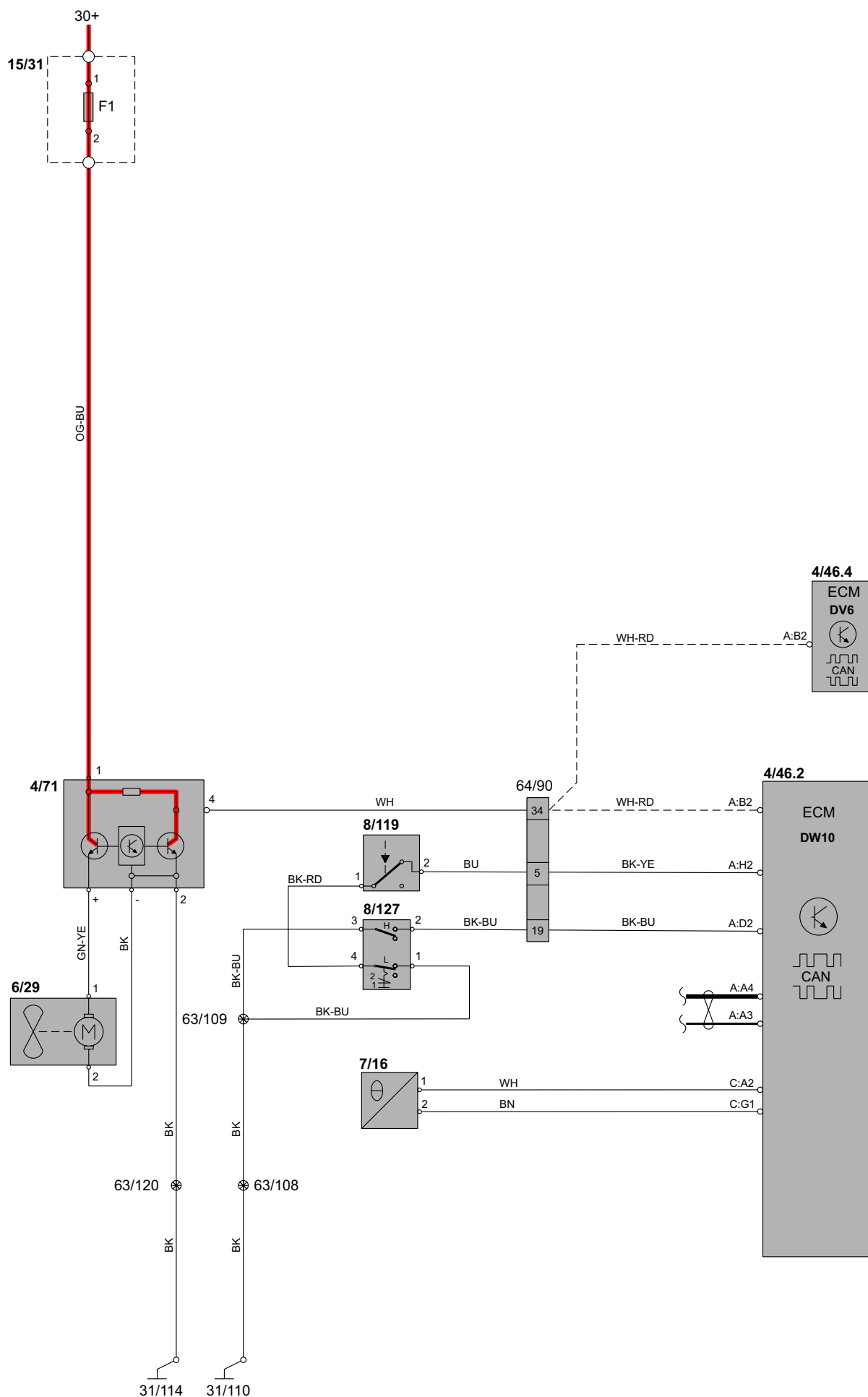


Group 26 Cooling system
Cooling fan



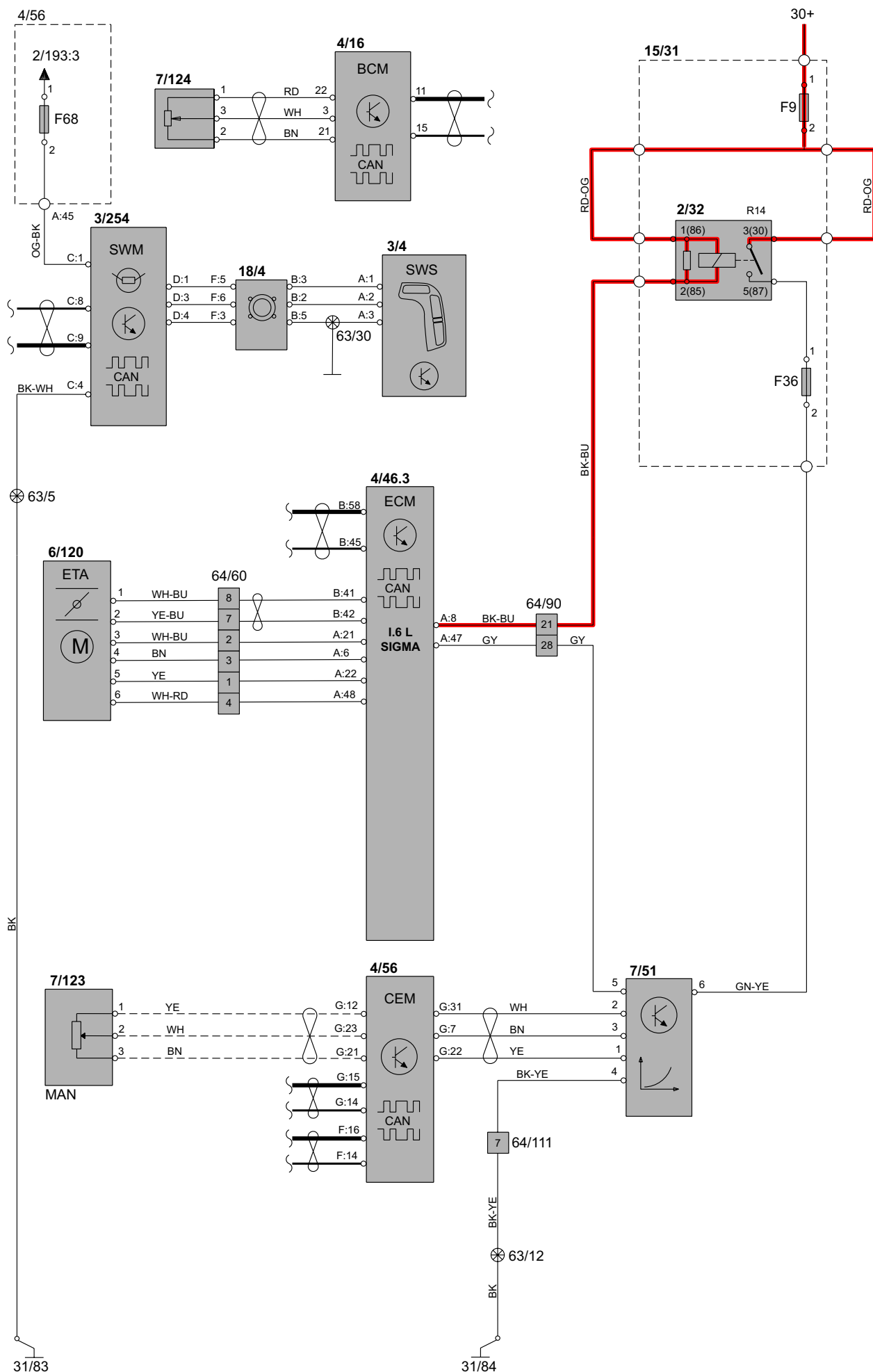
Group 26 Cooling system

Cooling fan Diesel



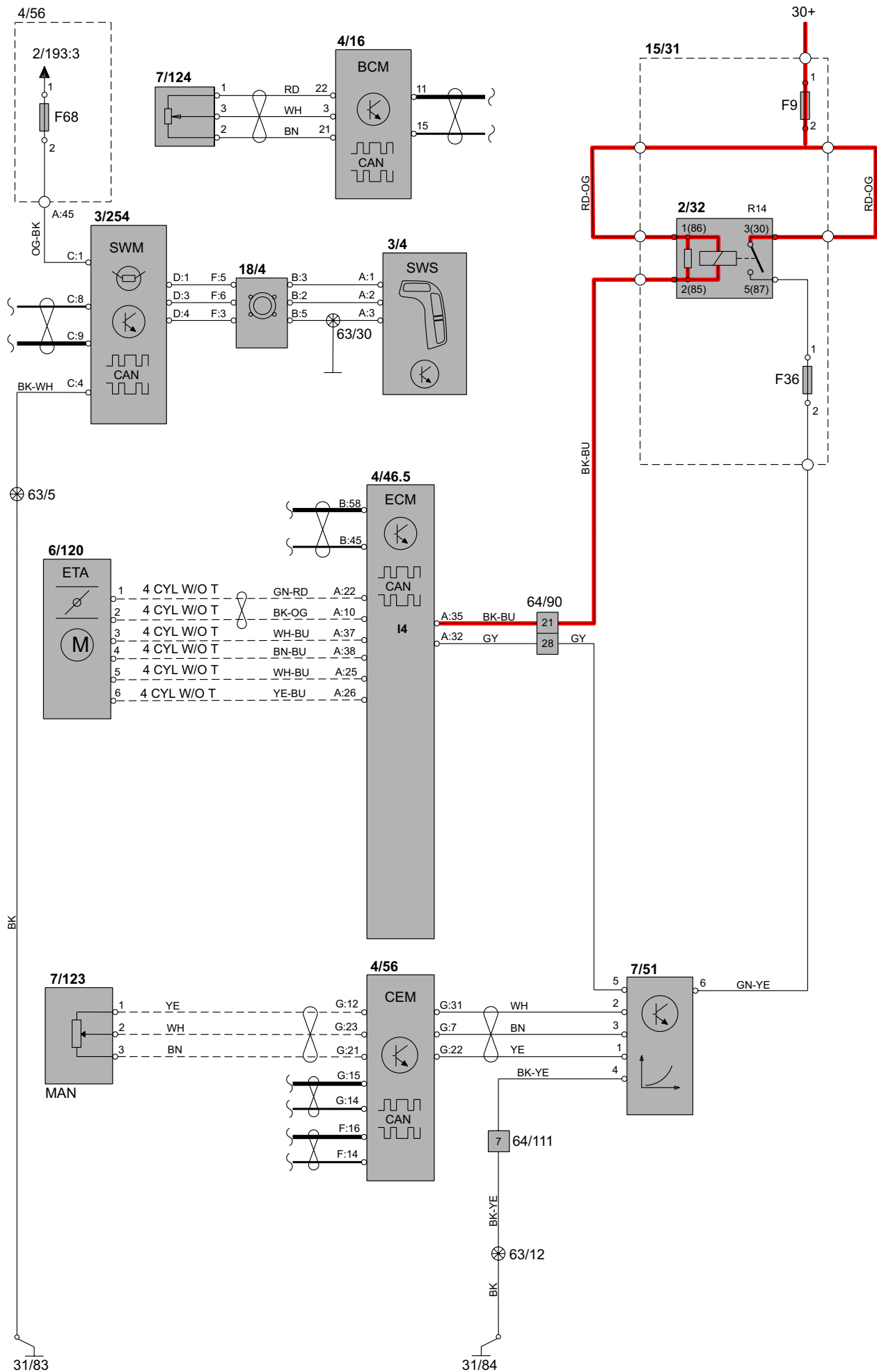
Group 27 Engine control

Cruise control 1.6l



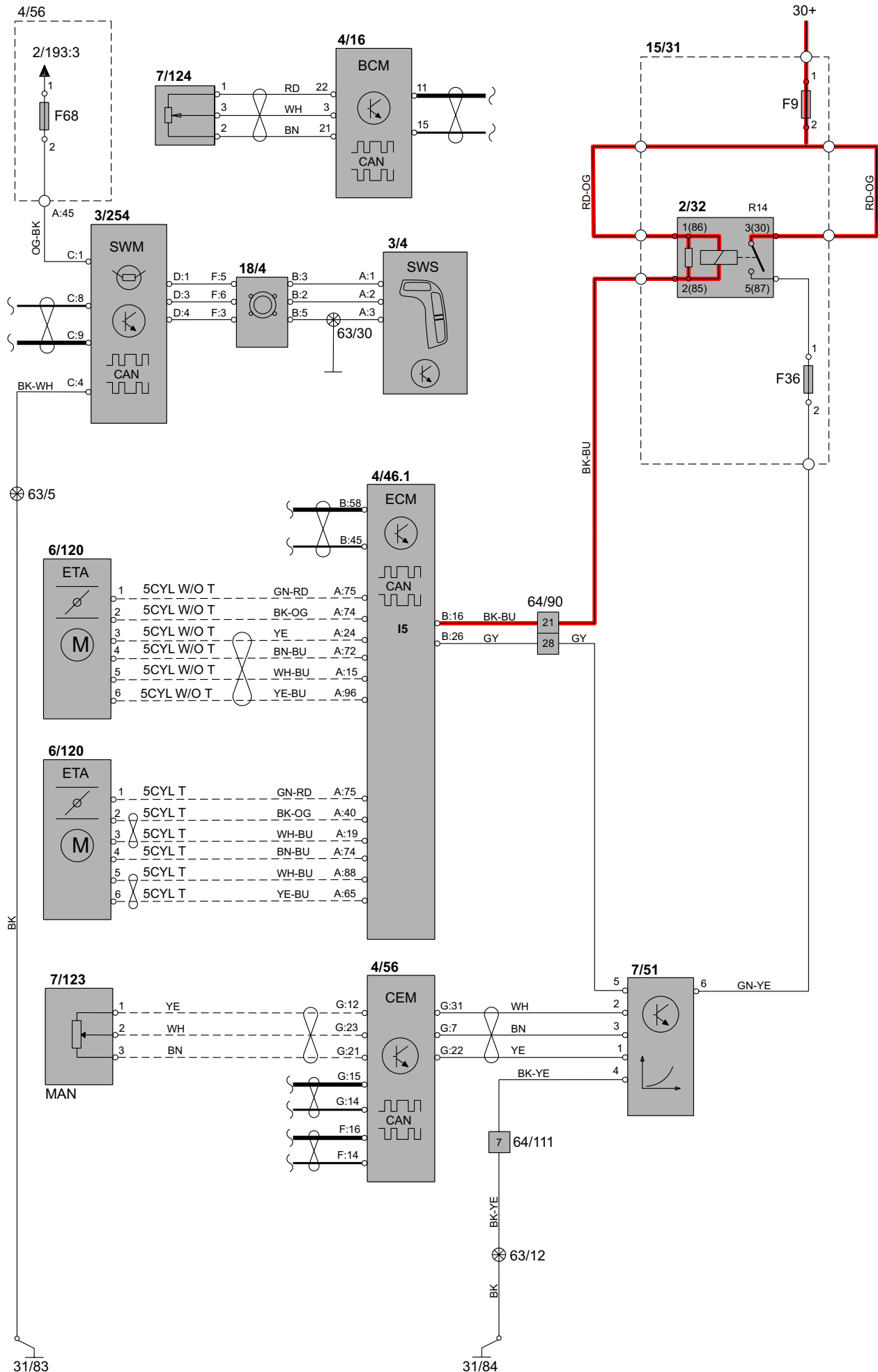
Group 27 Engine control

Cruise control 1.8l



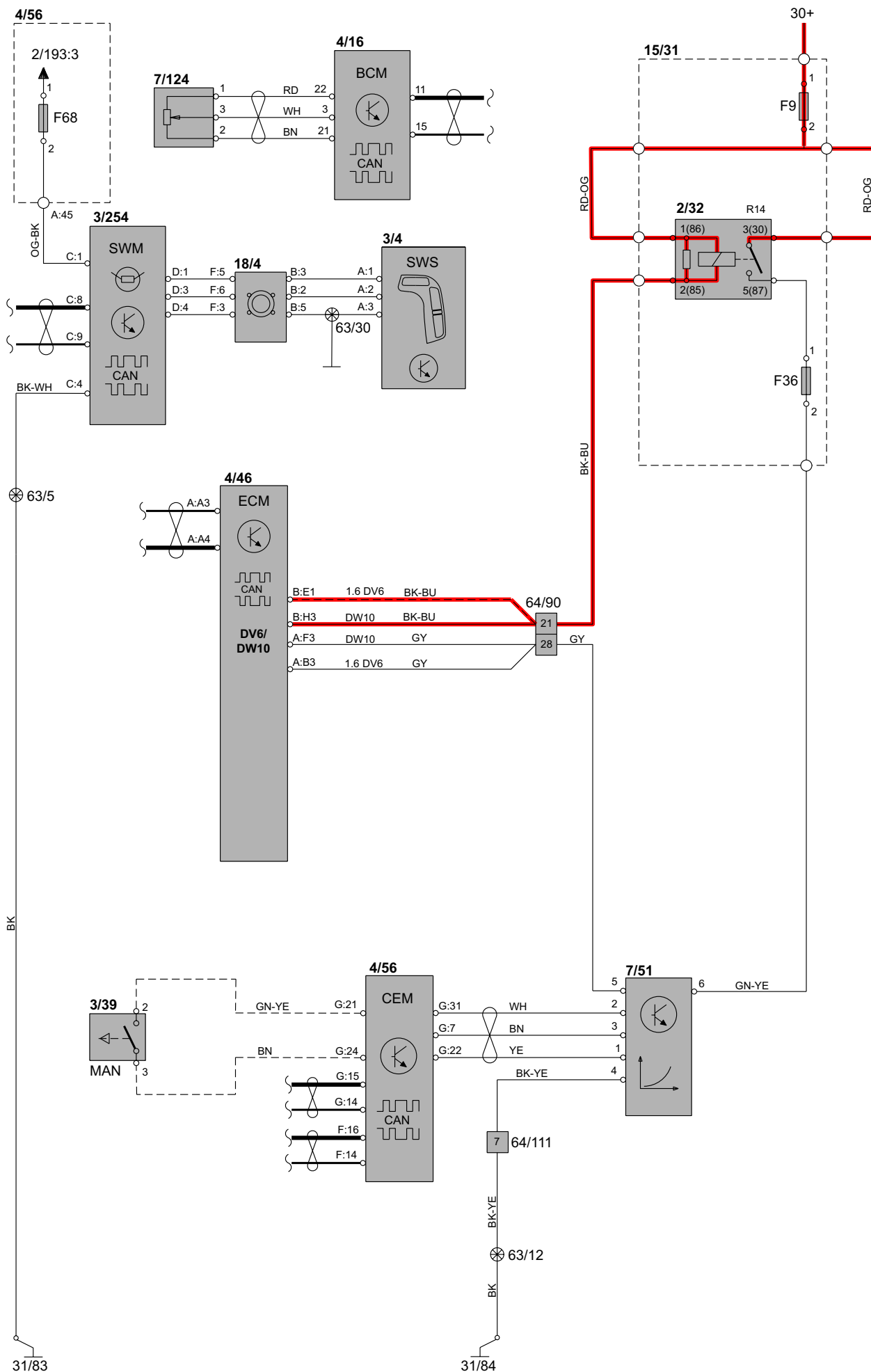
Group 27 Engine control

Cruise control 5-cyl.

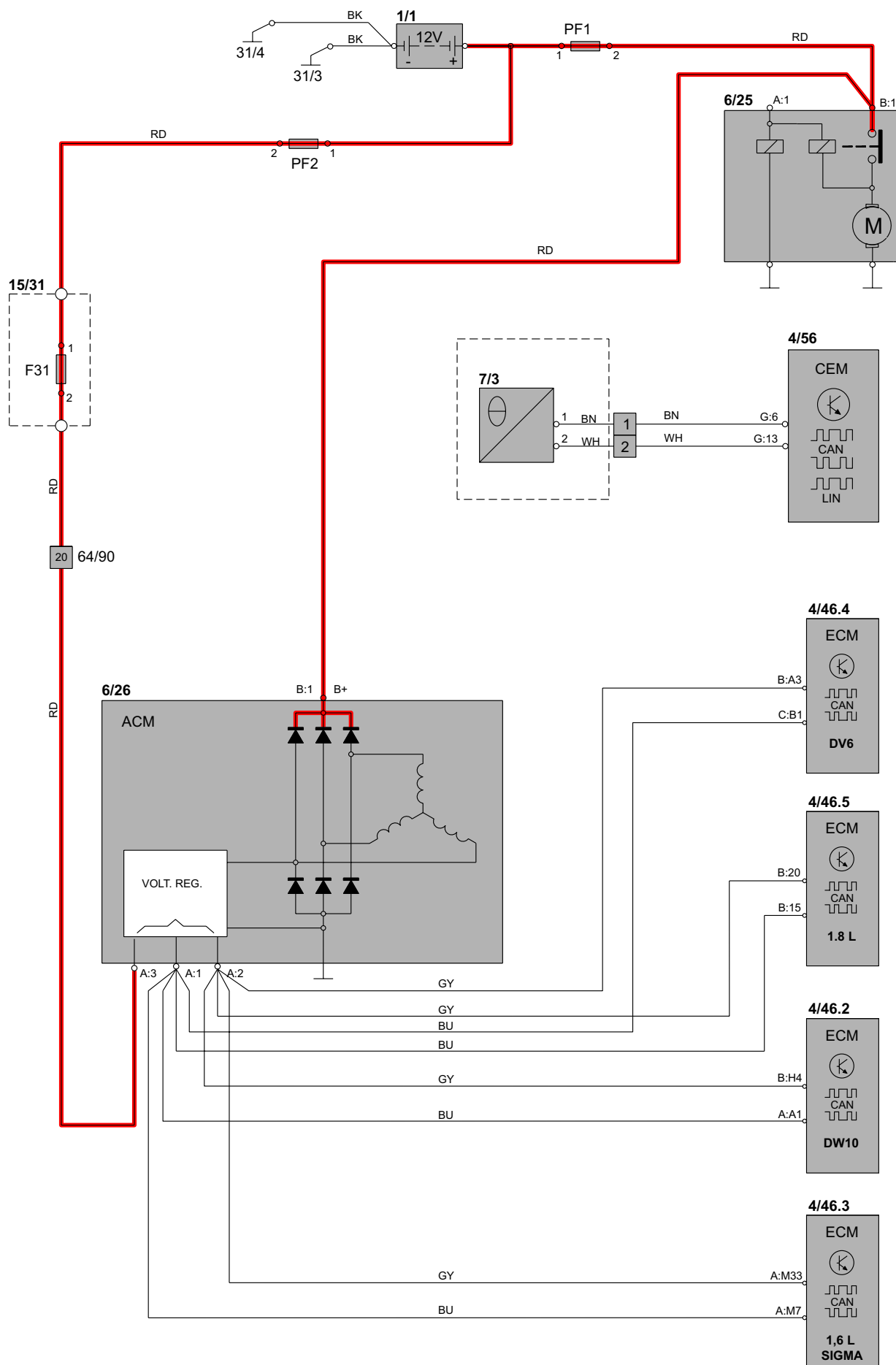


Group 27 Engine control

Cruise control 4-cyl. Diesel

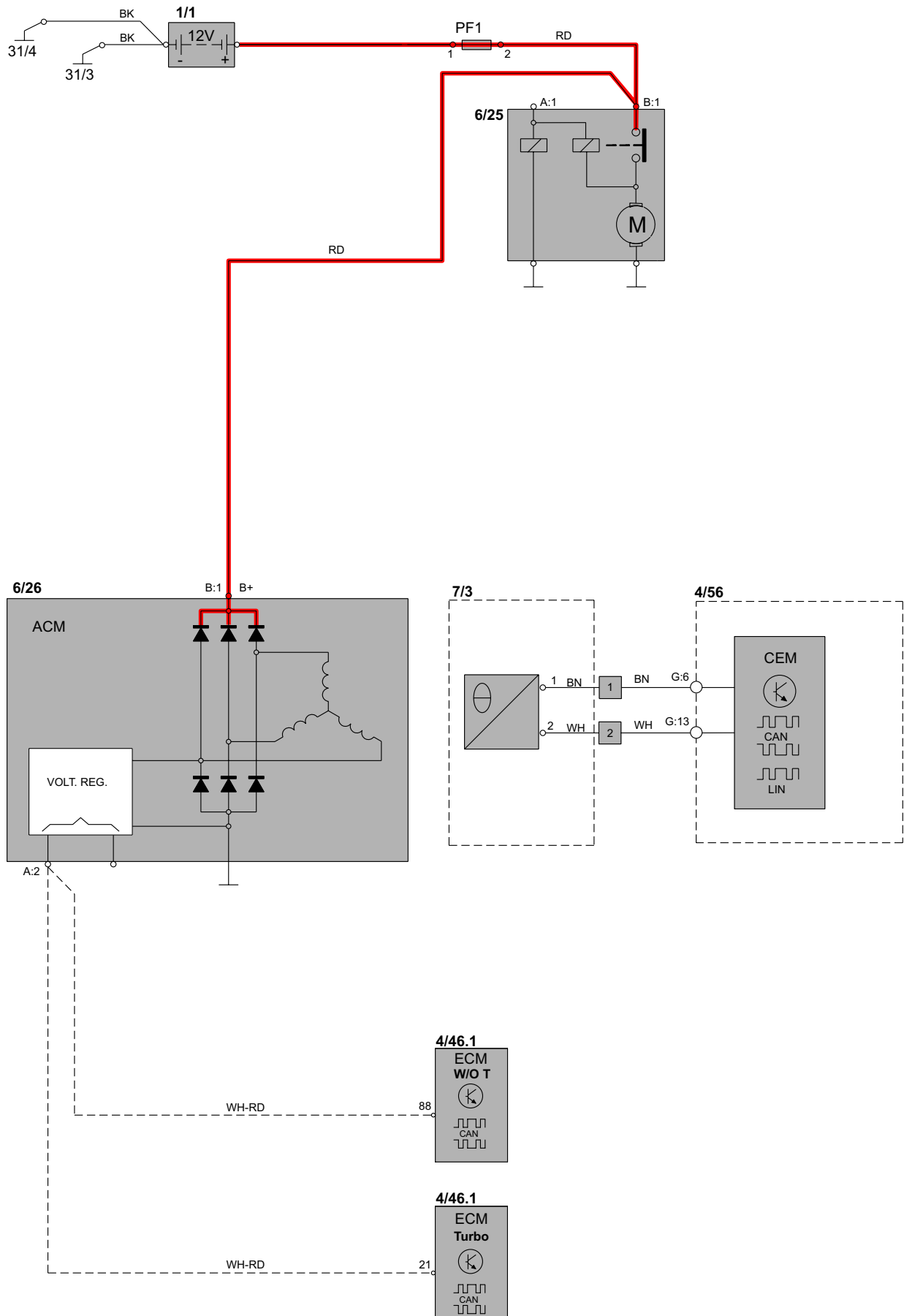


Group 32 Generator and voltage regulator Power supply 4-cyl.



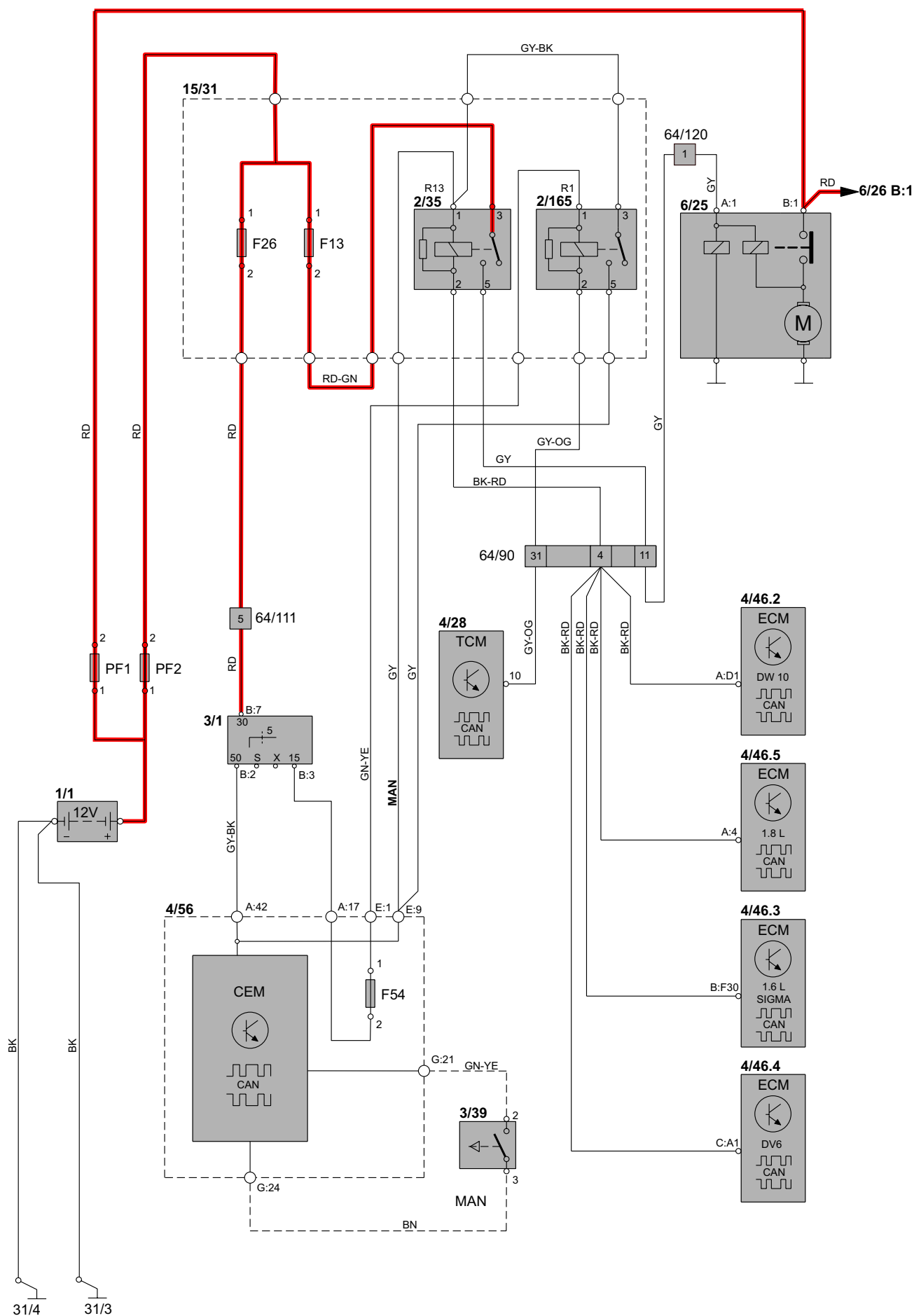
Group 32 Generator and voltage regulator

Power supply 5-cyl.

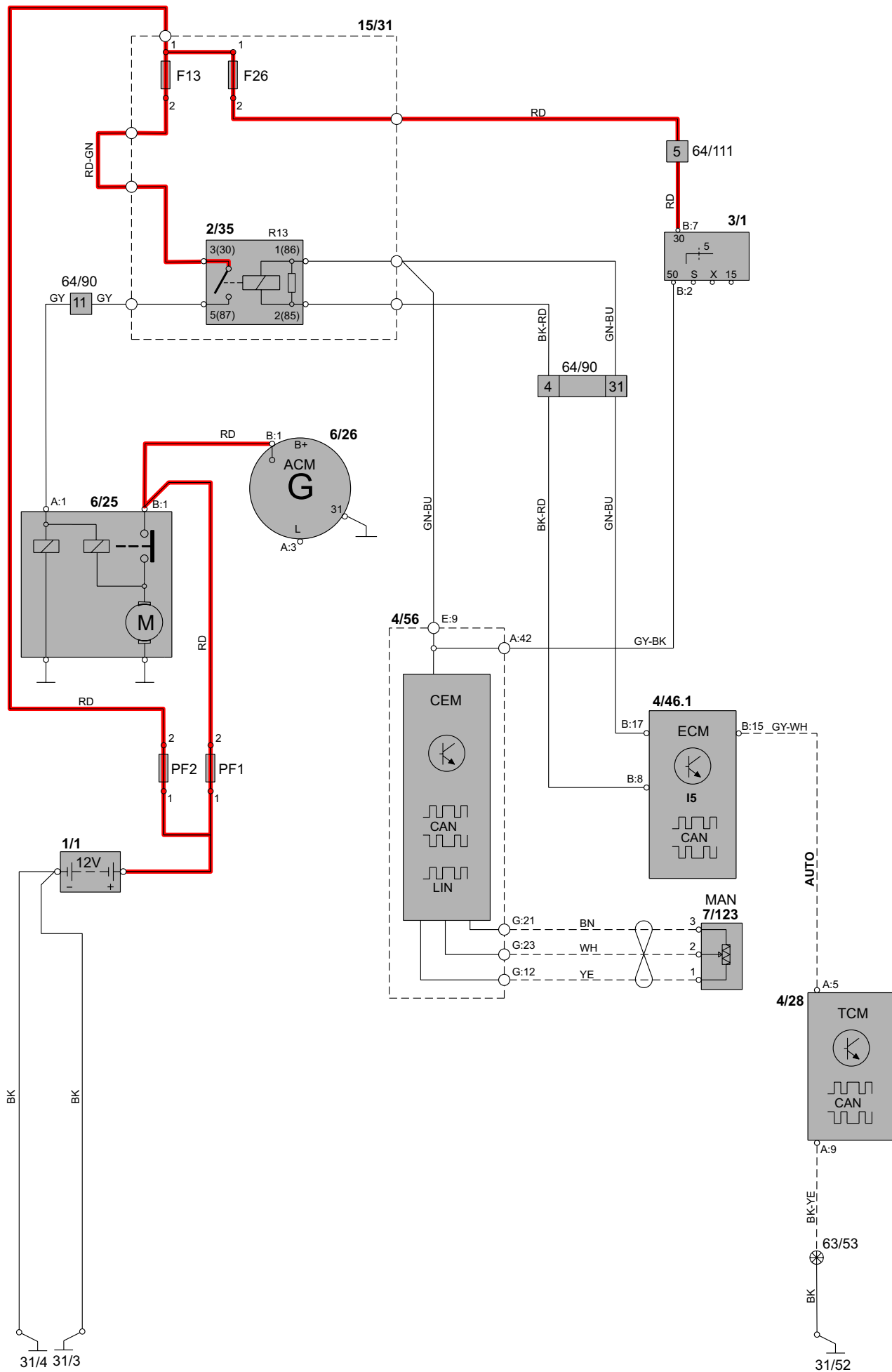


Group 33 Starting system

Starting system 4-cyl.

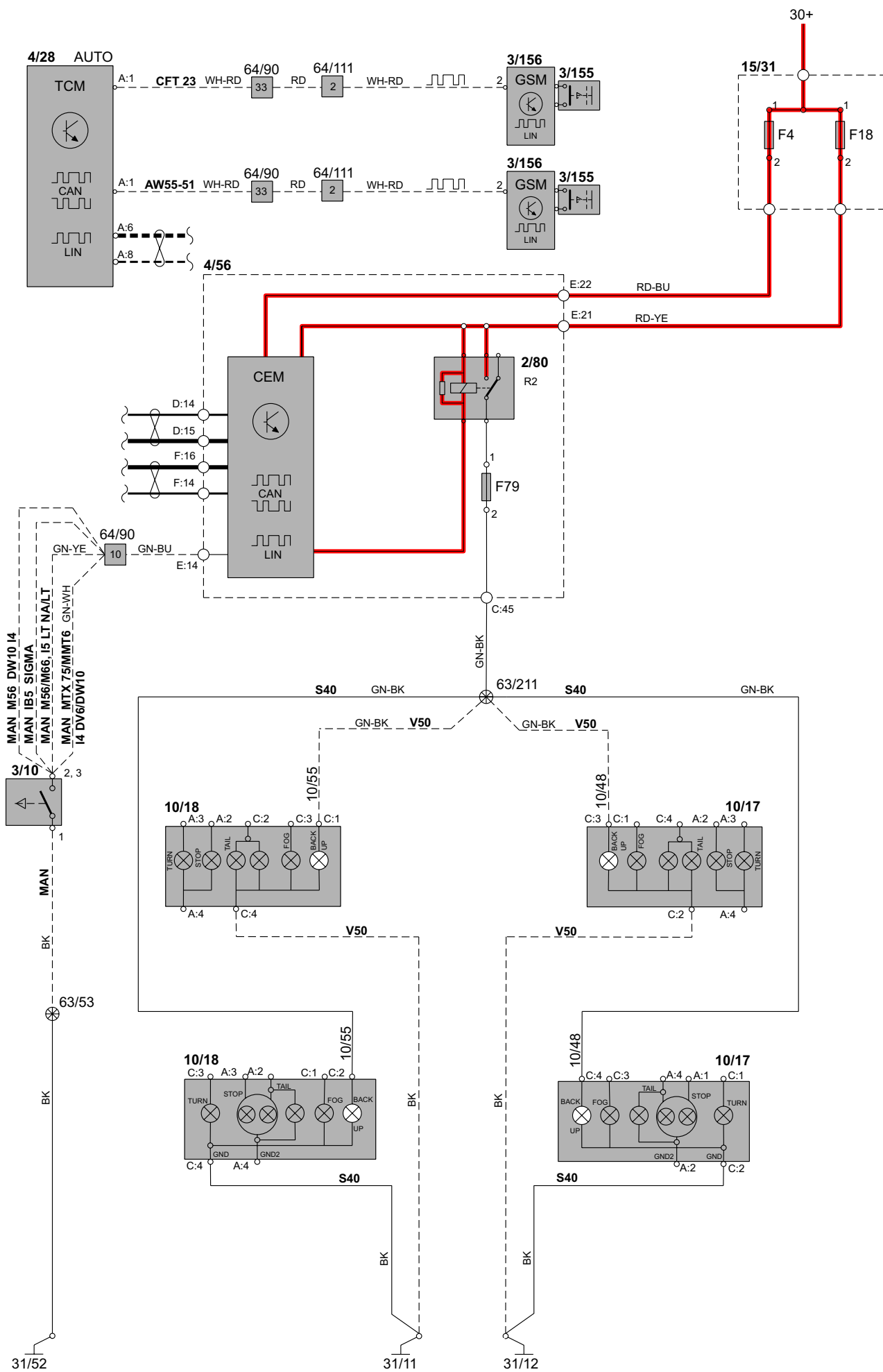


Group 33 Starting system
Starting system 5-cyl.



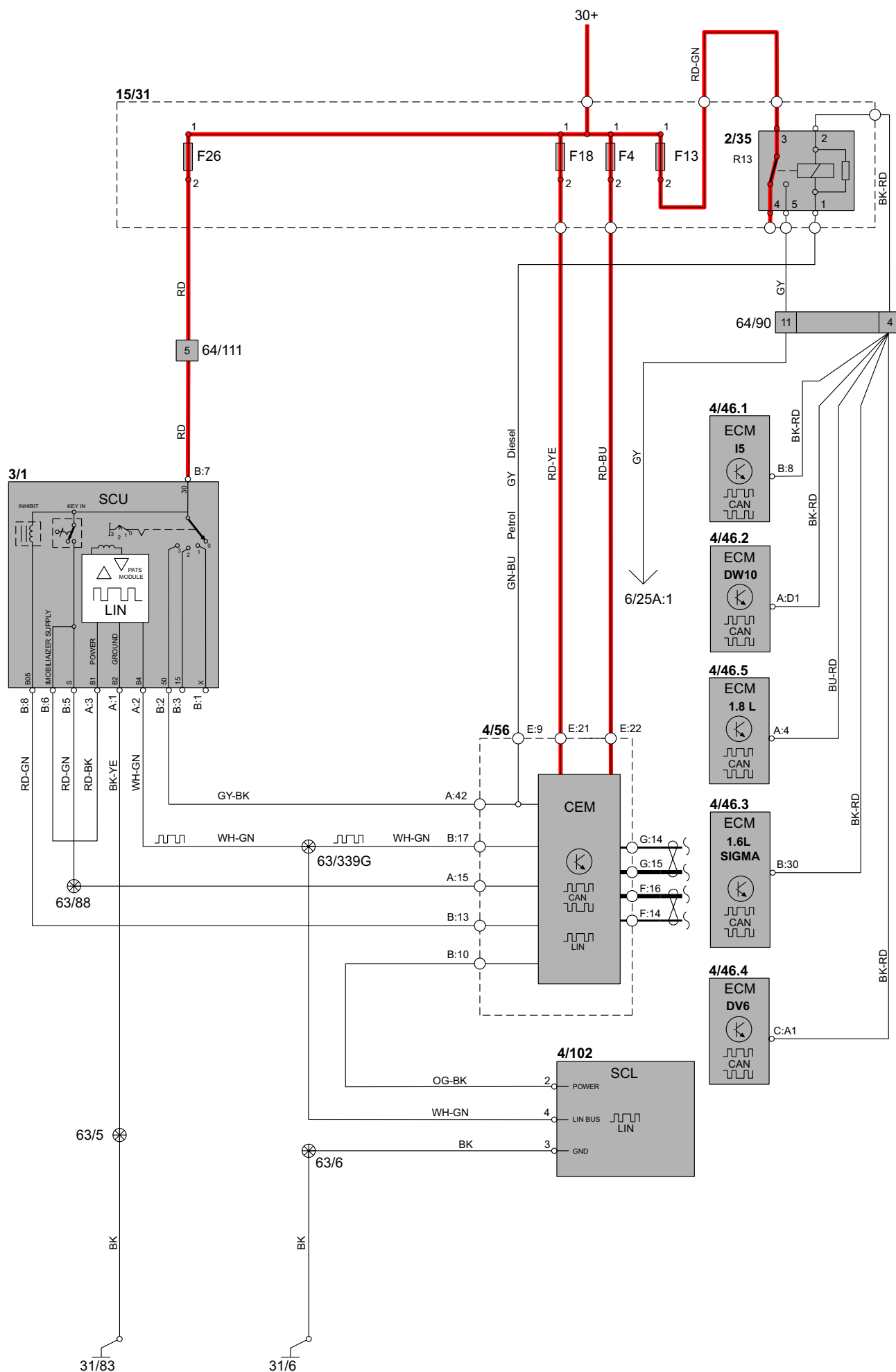
Group 35 Lighting

Reversing lights



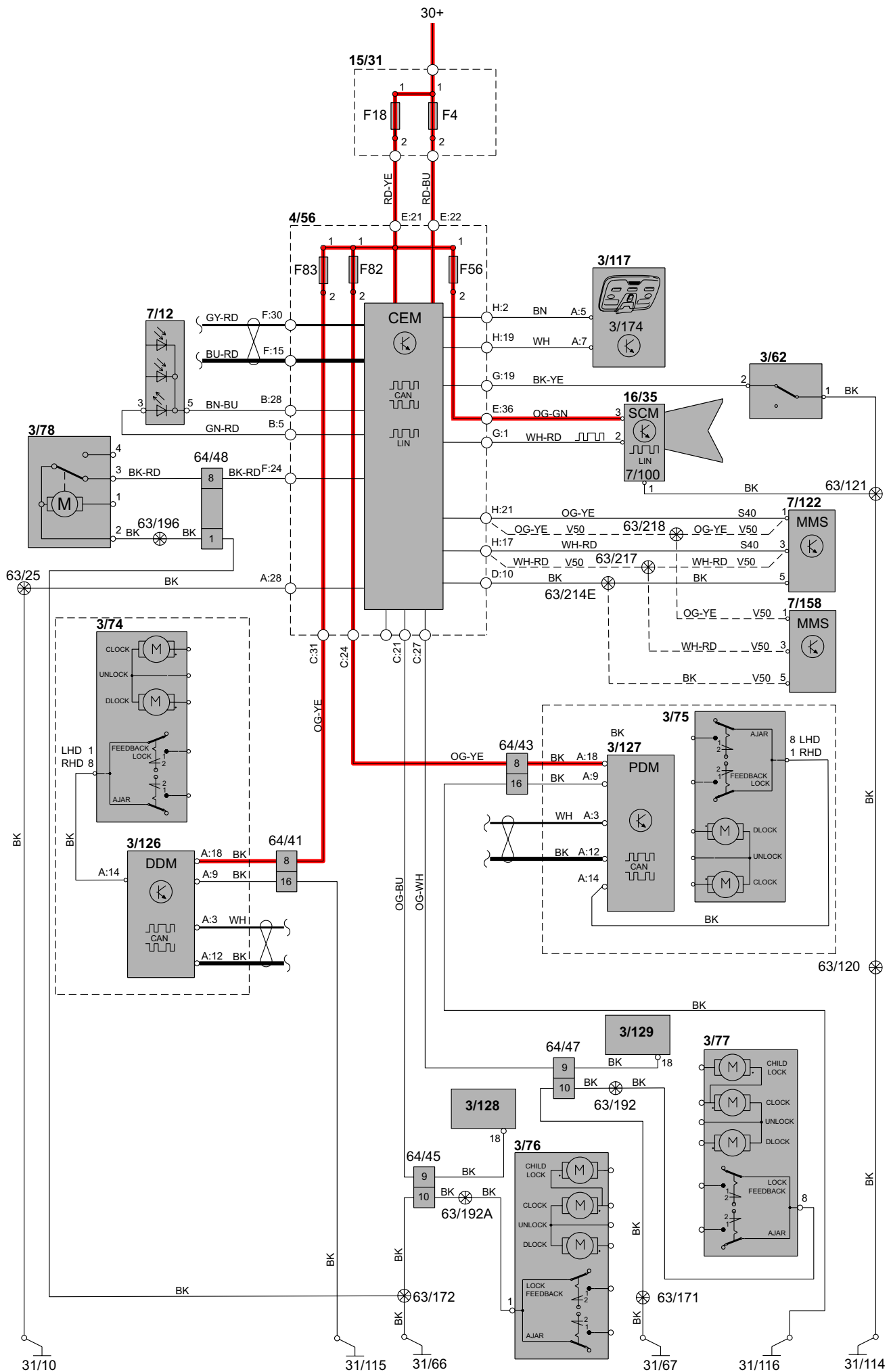
Group 36 Additional electrical equipment

Electronic immobilizer

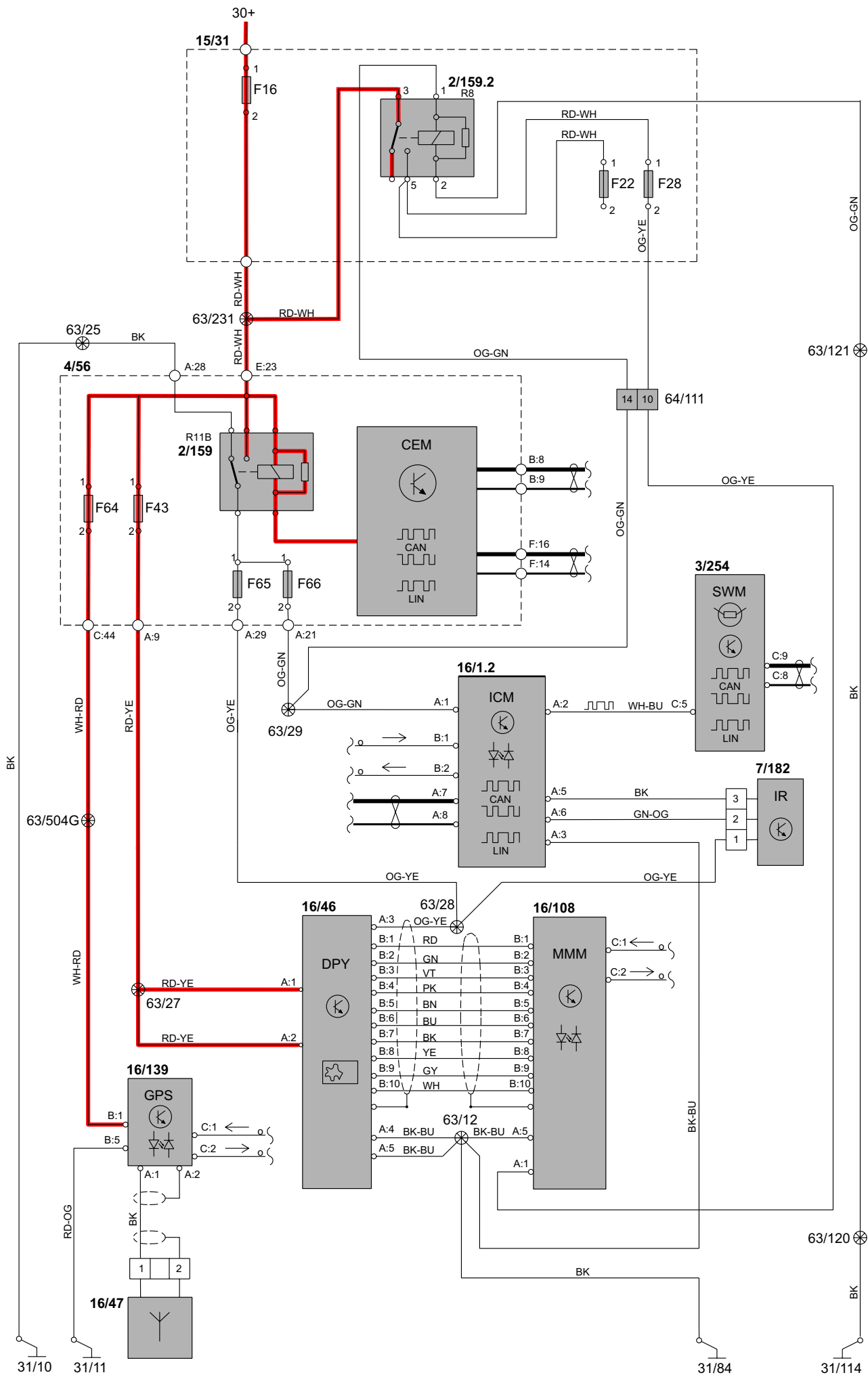


Group 36 Additional electrical equipment

Anti-theft alarm

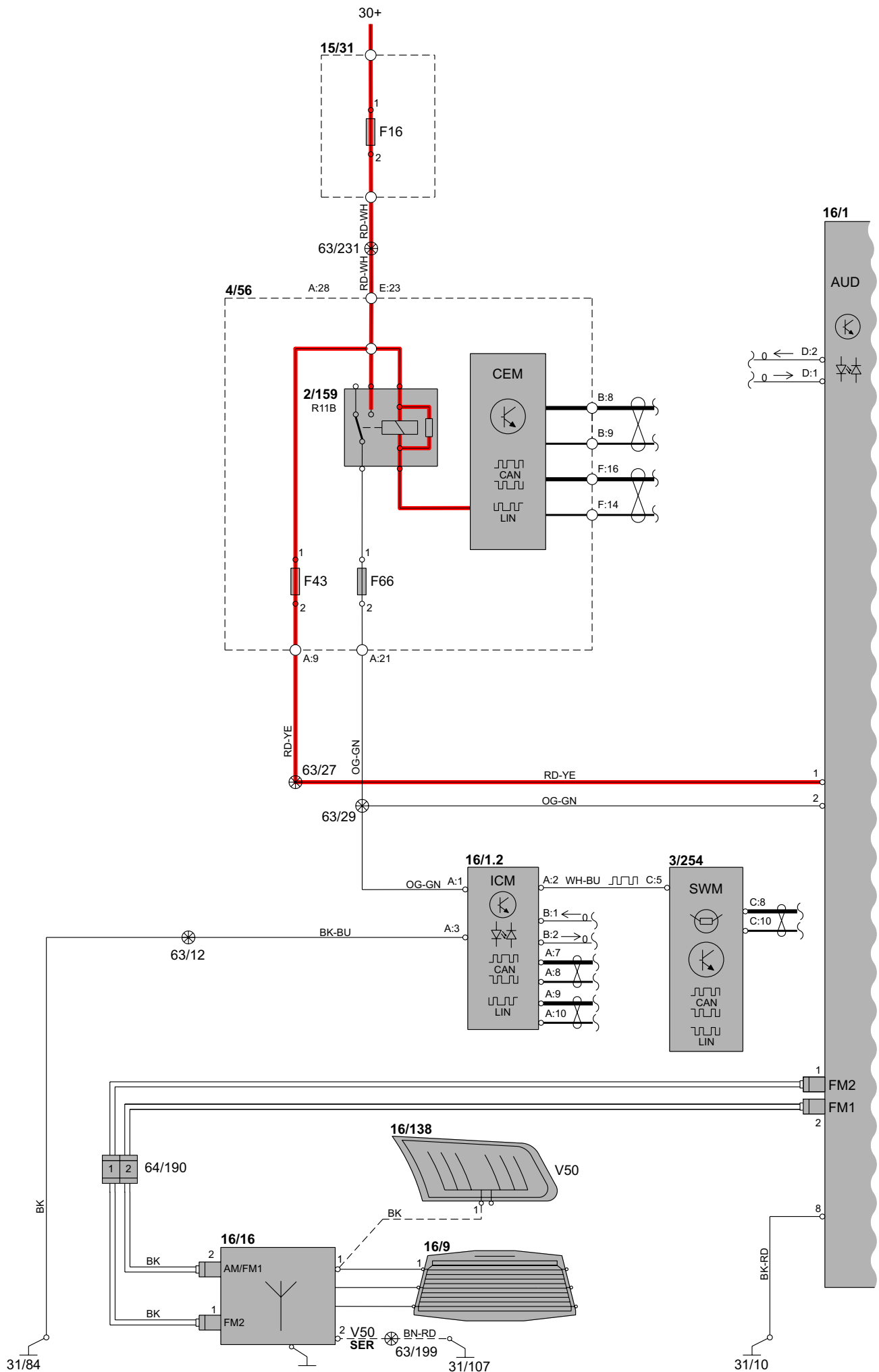


Multimedia & Traffic Information



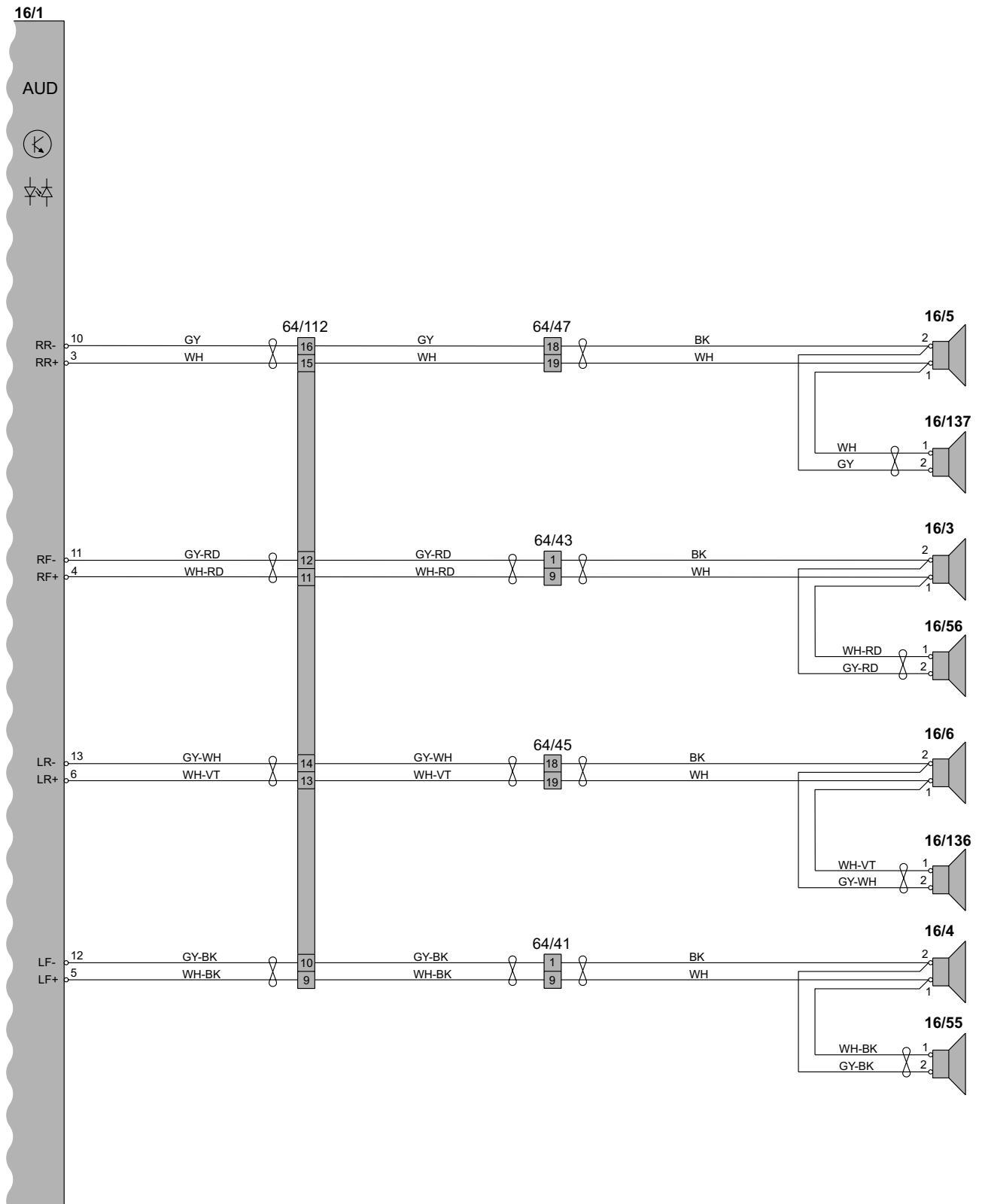
Group 39 Other

Audio Low Level 1:2



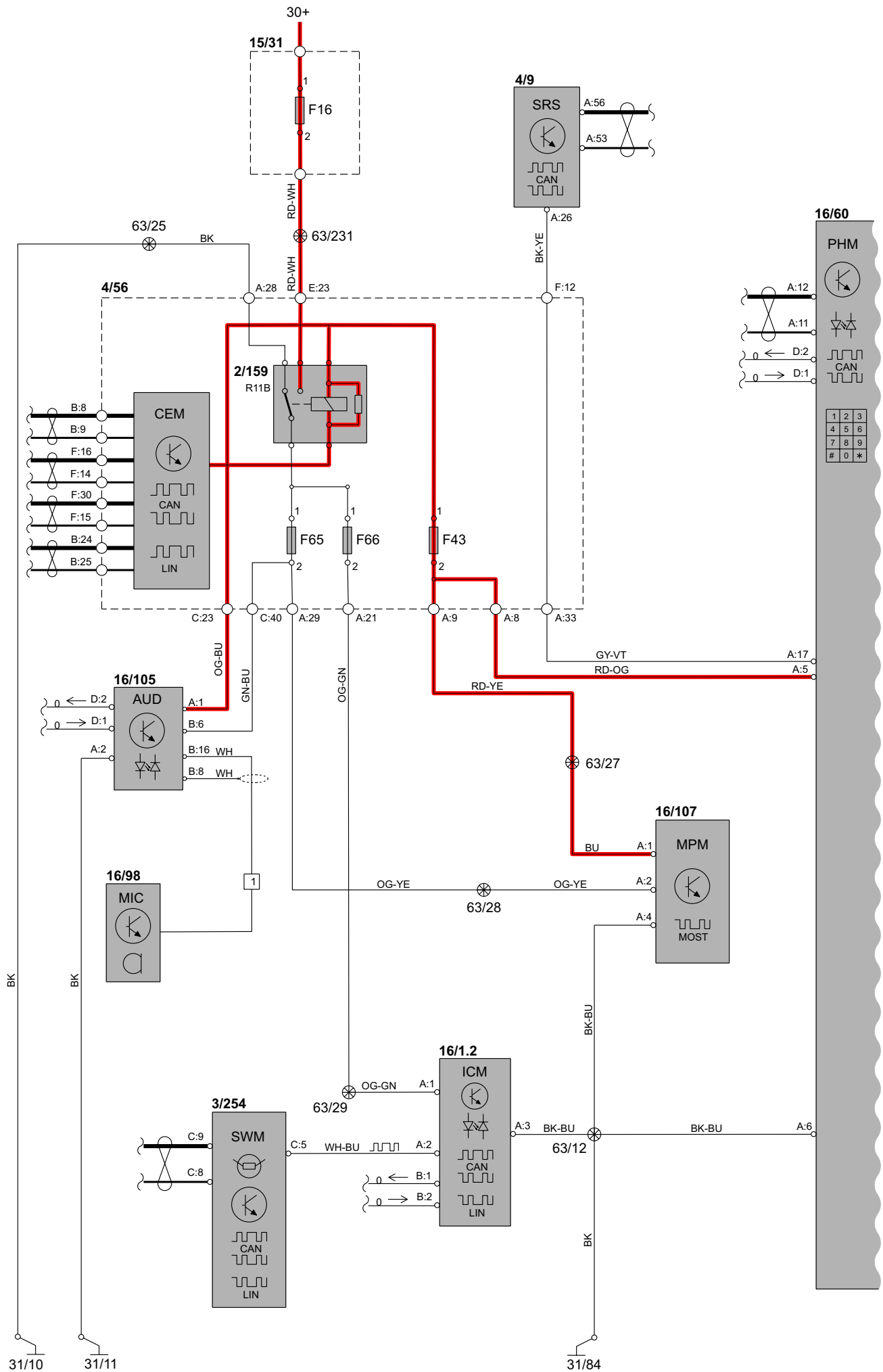
Group 39 Other

Audio Low level 2:2

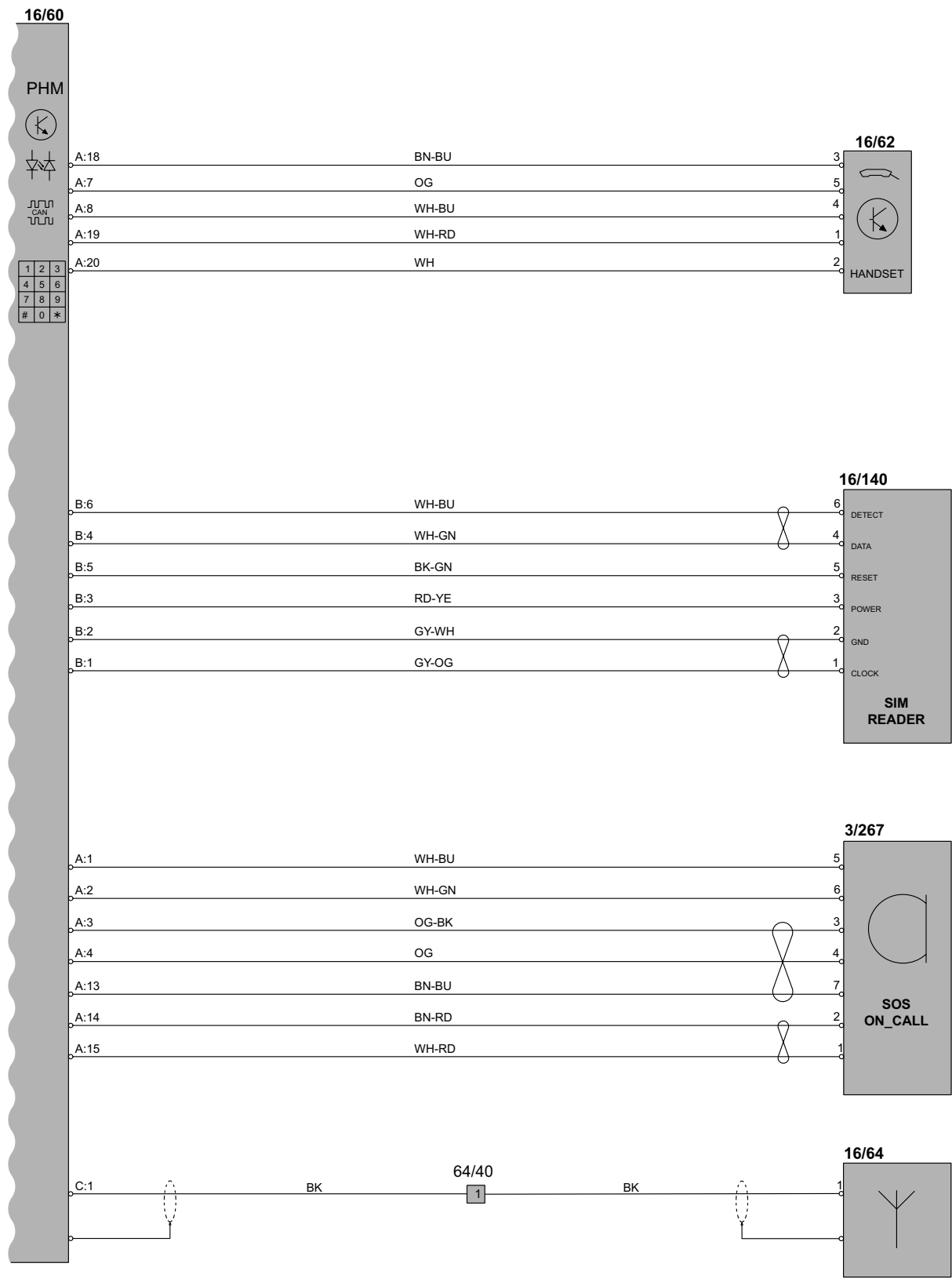


Group 39 Other

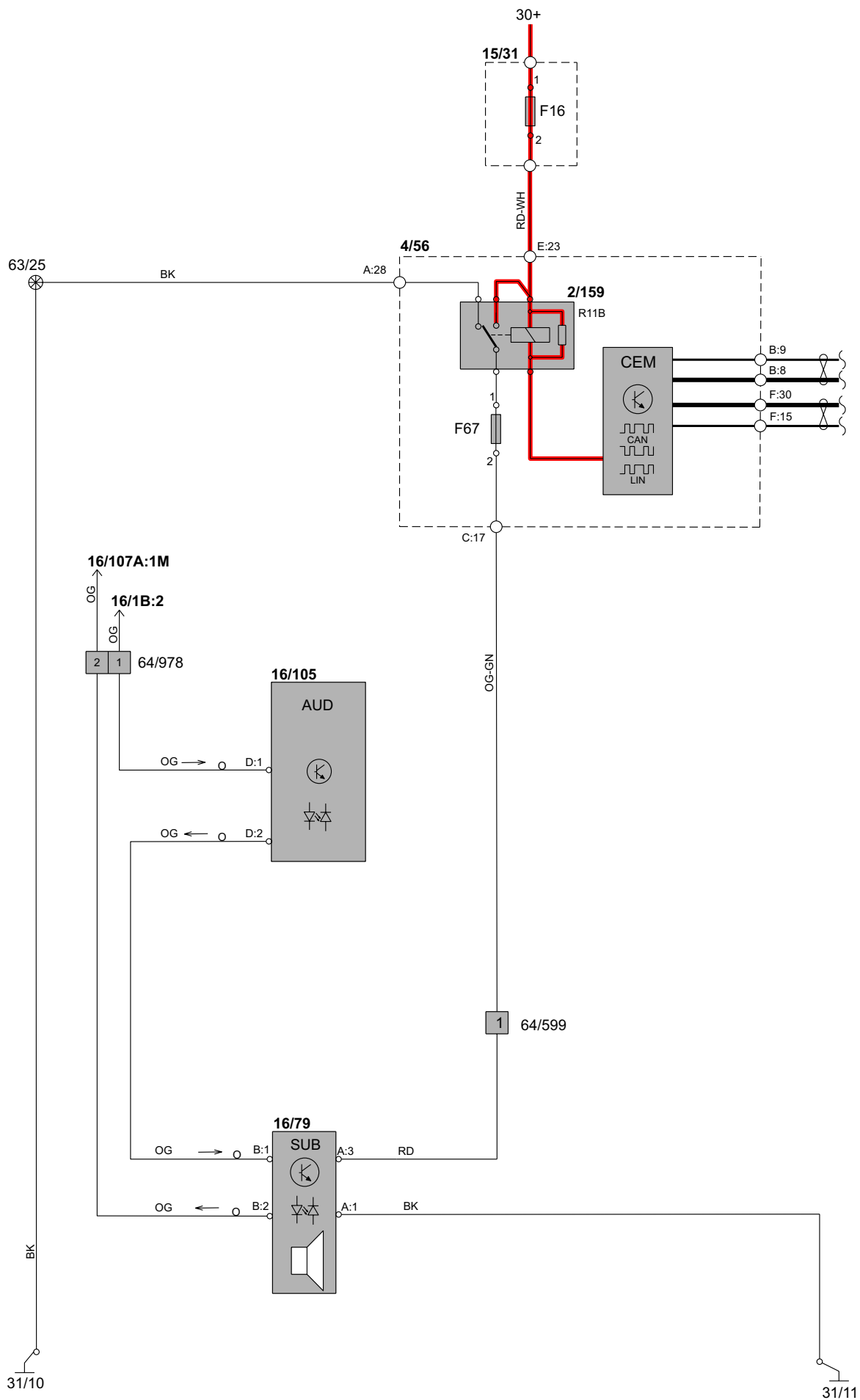
Cellular phone 1:2



Group 39 Other
Cellular phone 2:2

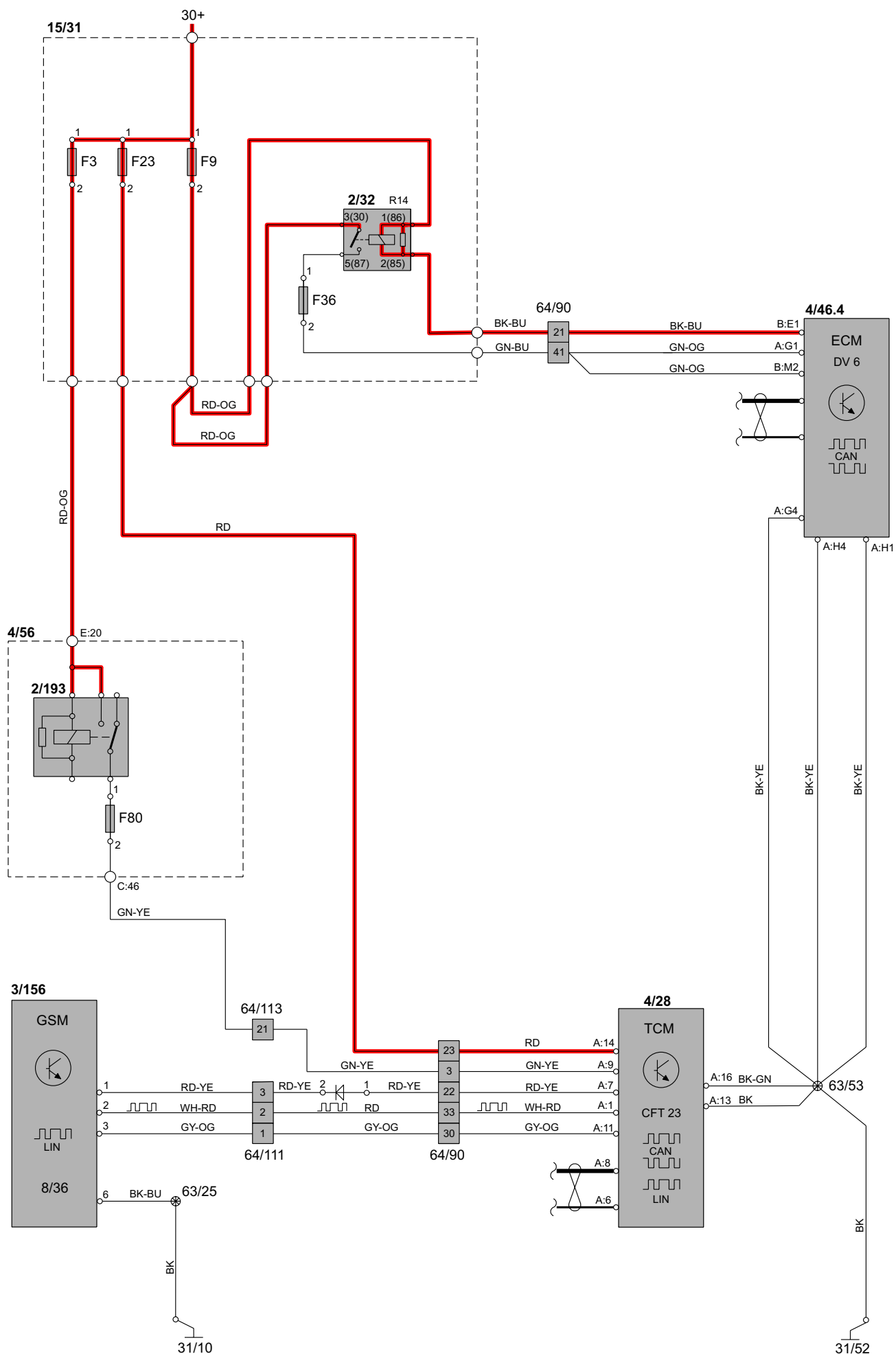


Group 39 Other, accessories
Subwoofer



Group 43 Transmission

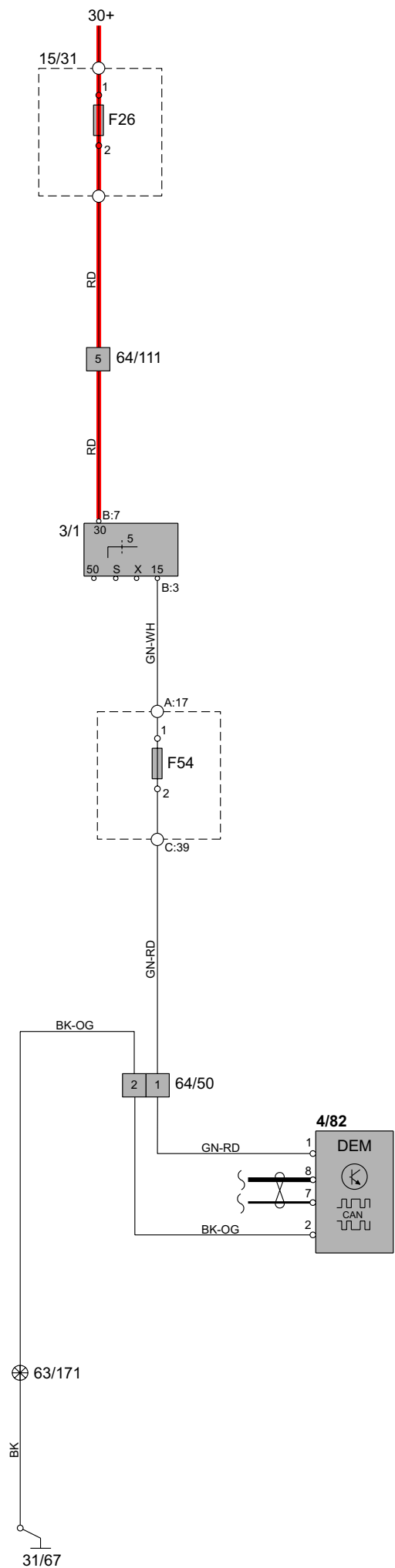
Automatic transmission CFT 23



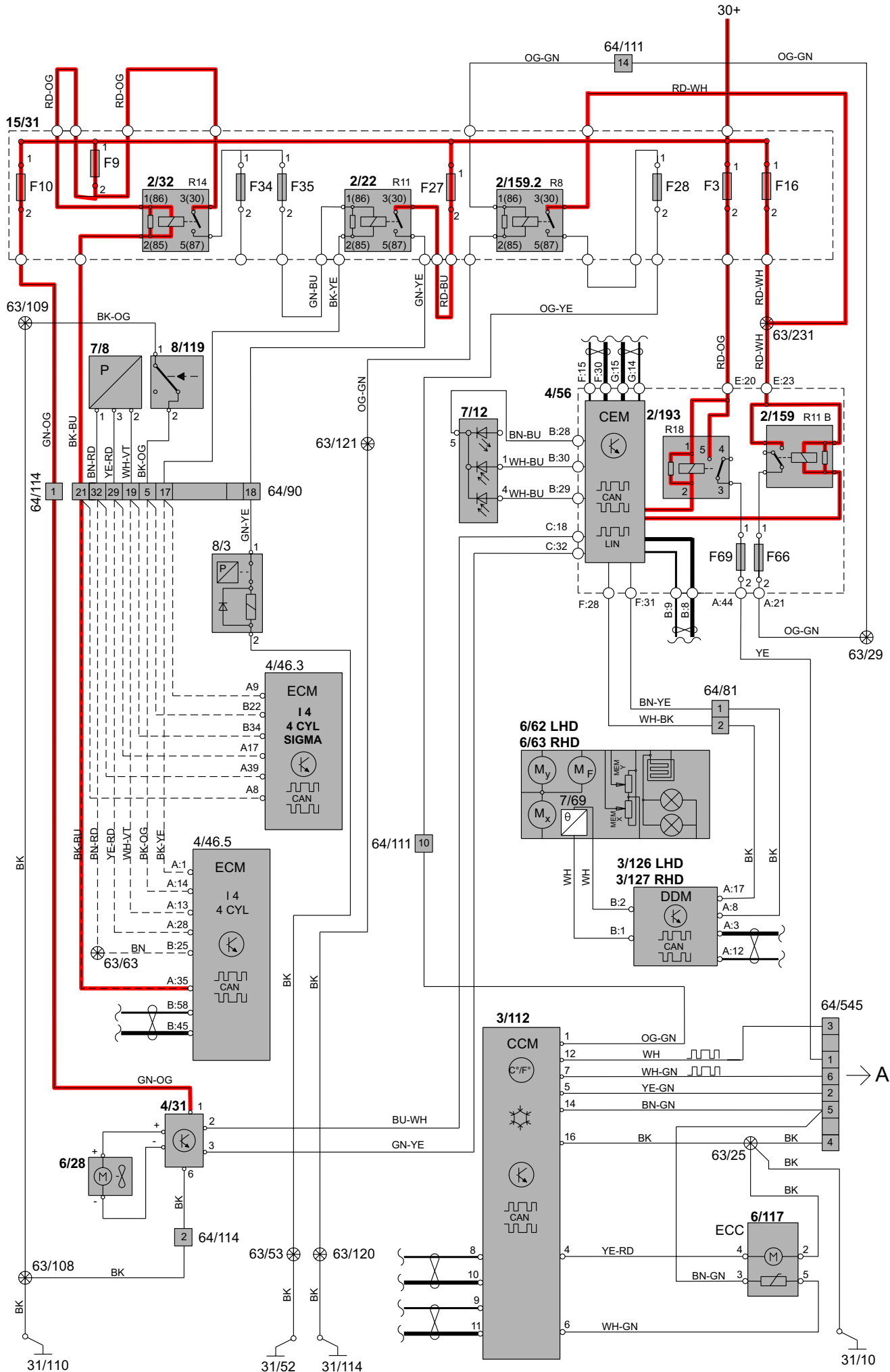
Automatic transmission AW 55-51, 5-cyl.



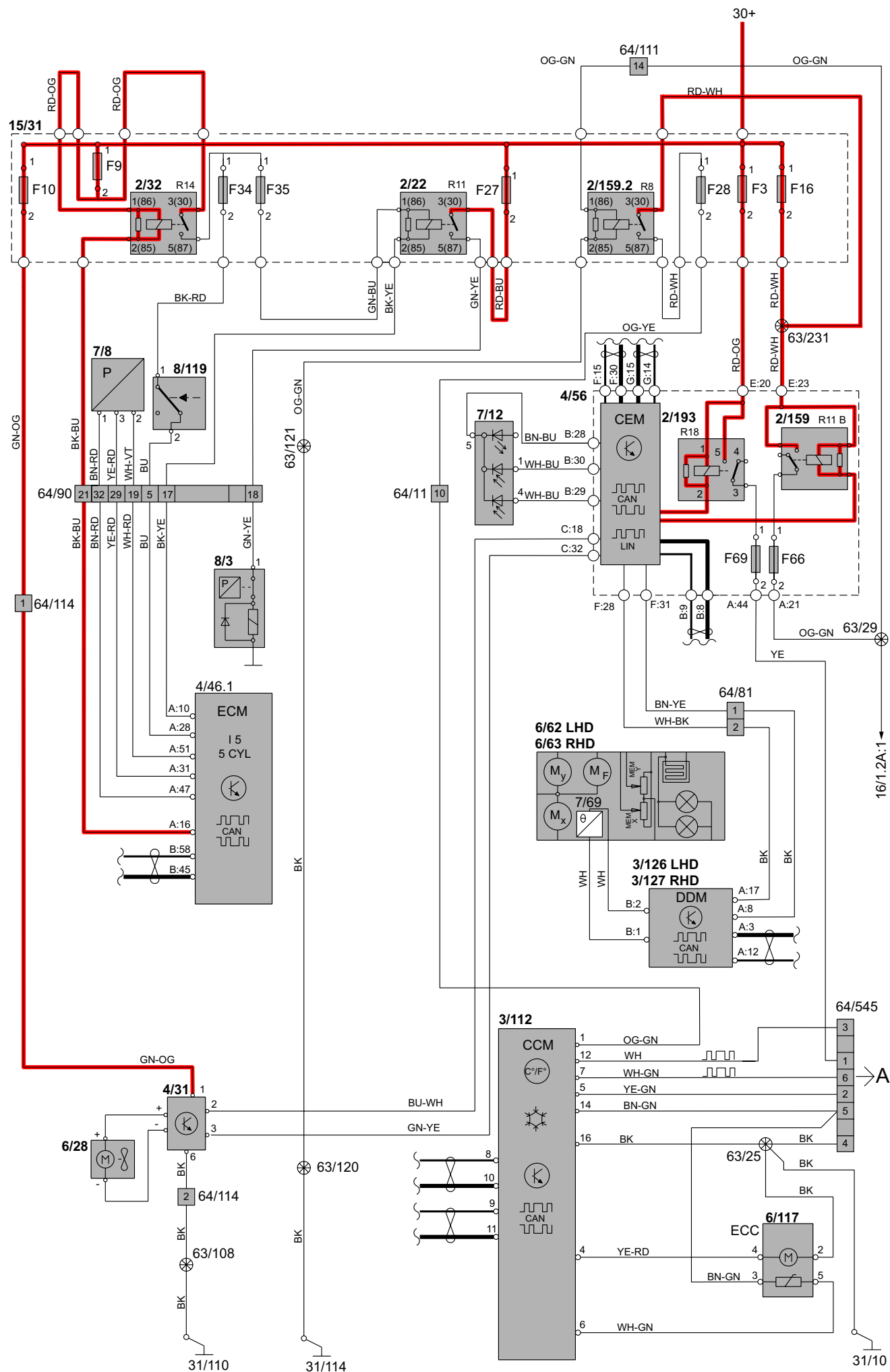
Group 43 Transmission
Differential Electronic Module (DEM)



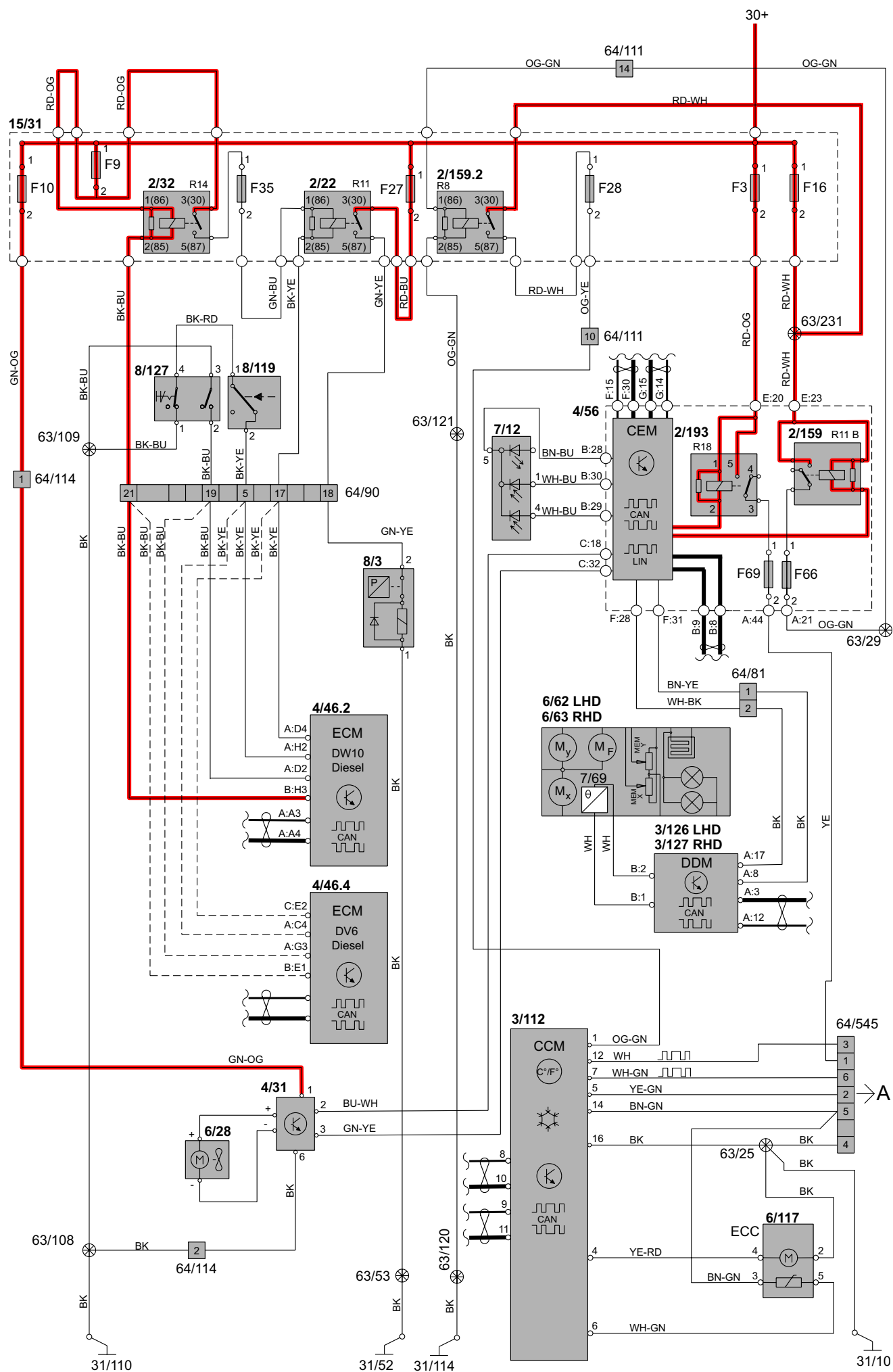
Group 87 Climate controls
Climate controls 4-cyl. 1:2



Group 87 Climate controls
Climate controls 5-cyl. 1:2

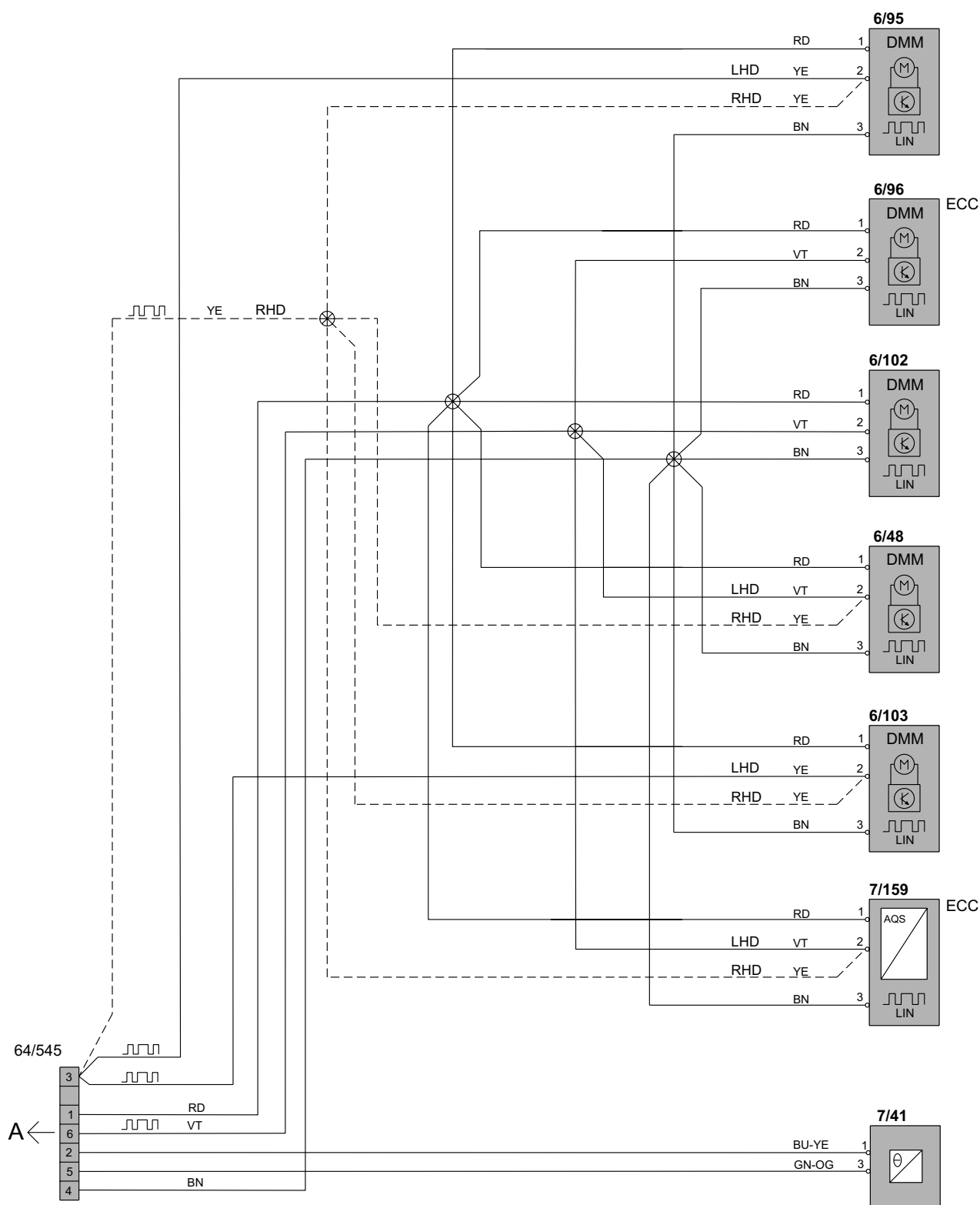


Group 87 Climate controls
Climate control system Diesel 1:2



Group 87 Climate controls

Climate controls 4-cyl., 5-cyl. & Diesel 2:2



Connectors

64/40 - 64/41

64/40

1-pin violet

No.	Harness Dashboard			Harness Floor		
1	16/60C:1	Phone Module (PHM)	BK	16/64:1	Antenna, cellular phone	BK

64/41

16-pin black

No.	Harness Driver door			Harness Floor		
1	16/4:2	Speaker, driver's door	BK	64/112:10	Connector	GY-BK
2	3/74A:4	Lock unit, driver's door	BK	4/56F:19	Central Electronic Module (CEM)	BK-YE
3	-		-	-		-
4	3/126A:3	Driver's Door Module (DDM)	WH	63/220 63/228 63/232	Junction point Junction point Junction point	GY-RD
5	3/126A:12	Driver's Door Module (DDM)	BK	63/221 63/229 63/233	Junction point Junction point Junction point	BU-RD
6	3/74B:1 3/74B:4	Lock unit, driver's door, LHD Lock unit, driver's door, RHD	BK	4/93A:2	Keyless Vehicle Module (KVM)	BN-GN
7	3/74B:2 3/74B:3	Lock unit, driver's door, LHD Lock unit, driver's door, RHD	BK	4/93A:3	Keyless Vehicle Module (KVM)	YE-GN
8	3/126A:18	Driver's Door Module (DDM)	BK	4/56C:31	Central Electronic Module (CEM)	OG-YE
9	16/4:1	Speaker, driver's door	WH	64/112:9	Connector	WH-BK
10	3/258:5	Contact, locking front left	WH	4/93D:20	Keyless Vehicle Module (KVM)	WH-BK
11	3/258:4	Contact, locking front left	BK	4/93D:2	Keyless Vehicle Module (KVM)	GY-BK
12	3/258:1	Contact, locking front left	BK	4/93A:15	Keyless Vehicle Module (KVM)	BN-YE
13	3/258:3	Contact, locking front left	BK	4/93A:14	Keyless Vehicle Module (KVM)	BN-WH
14	3/74B:2 3/74B:3	Lock unit, driver's door Lock unit, driver's door	BK	4/93D:11	Keyless Vehicle Module (KVM)	BN
15	3/126A:13	Driver's Door Module (DDM)	BK	64/45:1	Connector	WH-GN
16	3/126A:9	Driver's Door Module (DDM)	BK	31/115	Ground connection	BK

Connectors

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64/43

16-pin black

No.	Harness Passenger door			Harness Floor		
1	16/3:2	Speaker, passenger door	BK	64/112:12	Connector	GY-RD
2	3/75A:4	Lock unit, passenger door	BK	4/56F:18	Central Electronic Module (CEM)	BK-BU
3	-		-	-		-
4	3/127A:3	Passenger Door Module (PDM)	WH	63/220 63/232	Branching point Junction point	GY-RD
5	3/127A:12	Passenger Door Module (PDM), RHD	BK	63/221 63/233	Branching point Junction point	BU-RD
6	3/75B:4 3/75B:1	Lock unit, passenger door, LHD Lock unit, passenger door, RHD	BK	4/93A:5	Keyless Vehicle Module (KVM)	BN-GN
7	3/75B:3 3/75B:2	Lock unit, passenger door, LHD Lock unit, passenger door, RHD	BK	4/93A:4	Keyless Vehicle Module (KVM)	YE-GN
8	3/127A:18	Passenger Door Module (PDM)	BK	4/56C:24	Central Electronic Module (CEM)	OG-YE
9	16/3:1	Speaker, passenger door	WH	64/112:11	Connector	WH-RD
10	3/259:5	Contact, locking front right	WH	4/93D:22	Keyless Vehicle Module (KVM)	WH-BK
11	3/259:4	Contact, locking front right	BK	4/93D:4	Keyless Vehicle Module (KVM)	GY-BK
12	3/259:1	Contact, locking front right	BK	4/93D:9	Keyless Vehicle Module (KVM)	BN-YE
13	3/259:3	Contact, locking front right	BK	4/93D:8	Keyless Vehicle Module (KVM)	BN-WH
14	3/75B:2 3/75B:3	Lock unit, passenger door, LHD Lock unit, passenger door, RHD	BK	4/93D:10	Keyless Vehicle Module (KVM)	BN
15	3/127A:13	Passenger Door Module (PDM)	BK	64/47:1	Connector	WH-GN
16	3/127A:9	Passenger Door Module (PDM)	BK	31/116	Ground connection	BK

Connectors

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64/45

19-pin black

No.	Harness Rear door, left			Harness Floor		
1	3/128:6	Left Rear Door Module (LDM)	BK	64/41:15	Connector	WH-GN
2	6/117:4	Interior temperature sensor	BK	4/56F:21	Central Electronic Module (CEM)	BK-OG
3	-		-	-		-
4	-		-	-		-
5	-		-	-		-
6	-		-	-		-
7	-		-	-		-
8	-		-	-		-
9	3/128:18	Left Rear Door Module (LDM)	BK	4/56C:21	Central Electronic Module (CEM)	OG-BU
10	63/192A	Junction point	BK	63/172	Junction point	BK
11	3/260:1	Contact, locking, rear left	BK	4/93A:21	Keyless Vehicle Module (KVM)	BN-GN
12	3/260:3	Contact, locking, rear left	BK	4/93A:16	Keyless Vehicle Module (KVM)	BN-YE
13	3/76:3	Lock unit, left rear door	BK	4/93D:13	Keyless Vehicle Module (KVM)	BN-WH
14	3/76:1	Lock unit, left rear door	BK	4/93B:2	Keyless Vehicle Module (KVM)	BN-BU
15	3/76:2	Lock unit, left rear door	BK	4/93B:1	Keyless Vehicle Module (KVM)	YE-BU
16	3/260:4	Contact, locking, rear left	WH	4/93D:21	Keyless Vehicle Module (KVM)	WH-GN
17	3/260:5	Contact, locking, rear left	BK	4/93D:3	Keyless Vehicle Module (KVM)	GY-OG
18	16/6:2	Speaker, left rear door	BK	64/112:14	Connector	GY-WH
19	16/6:1	Speaker, left rear door	WH	64/112:15	Connector	WH-VT

Connectors

64/47 - 64/48 S40

64/47 19-pin black

No.	Harness Rear door, right			Harness Floor		
1	3/129:6	Right Rear Door Module (RDM)	BK	64/43:15	Connector	WH-GN
2	6/116:4	Motor child safety lock, rear door right	BK	4/56F:20	Central Electronic Module (CEM)	BK-BU
3	-		-	-		-
4	-		-	-		-
5	-		-	-		-
6	-		-	-		-
7	-		-	-		-
8	-		-	-		-
9	3/129:18	Right Rear Door Module (RDM)	BK	4/56C:27	Central Electronic Module (CEM)	OG-WH
10	63/192	Junction point	BK	63/171	Junction point	BK
11	3/261:1	Contact, locking rear right	BK	4/93D:17	Keyless Vehicle Module (KVM)	BN-RD
12	3/261:3	Contact, locking rear right	BK	4/93D:16	Keyless Vehicle Module (KVM)	BN-BU
13	3/77:2	Lock unit, right rear door	BK	4/93D:15	Keyless Vehicle Module (KVM)	BN-GN
14	3/77:4	Lock unit, right rear door	BK	4/93C:2	Keyless Vehicle Module (KVM)	BN
15	3/77:3	Lock unit, right rear door	BK	4/93C:1	Keyless Vehicle Module (KVM)	YE
16	3/261:4	Contact, locking rear right	WH	4/93D:23	Keyless Vehicle Module (KVM)	WH-RD
17	3/261:5	Contact, locking rear right	BK	4/93D:5	Keyless Vehicle Module (KVM)	GY-RD
18	16/5:2	Speaker, right rear door	BK	64/112:16	Connector	GY
19	16/5:1	Speaker, right rear door	WH	64/112:15	Connector	WH

64/48 S40 8-pin grey

No.	Harness Trunk/Tailgate			Harness Floor		
1	63/196	Junction point	BK	63/172	Junction point	BK
2	-		-	-		-
3	-		-	-		-
4	3/78:1	Lock unit, trunk lid/tailgate	WH-GN	4/56C:8	Central Electronic Module (CEM)	WH-GN
5	10/3:2	License plate lighting	OG-BK	4/56C:13	Central Electronic Module (CEM)	OG-BK
6	3/78:4	Lock unit, trunk lid/tailgate	BK-BU	10/24:4	Cargo compartment lighting	BK-BU
7	10/3:1	License plate lighting	BK-YE	4/56F:22	Central Electronic Module (CEM)	BK-YE
				4/93D:14	Keyless Vehicle Module (KVM)	
8	3/78:3	Lock unit, trunk lid/tailgate	BK-RD	4/56F:24	Central Electronic Module (CEM)	BK-RD

Connectors

64/48 V50 - 64/50

64/48 V50 14-pin grey

No.	Harness Trunk/Tailgate			Harness Floor		
1	63/196	Junction point	BK	63/172	Junction point	BK
2	10/19:1	Brake light extra	OG-YE	4/56C:7	Central Electronic Module (CEM)	OG-YE
3	6/32:1	Rear window wiper motor	GN-BU	4/56C:33	Central Electronic Module (CEM)	GN-BU
4	3/78:1	Lock unit, trunk lid/tailgate	WH-GN	4/56C:8	Central Electronic Module (CEM)	WH-GN
5	10/3:2	License plate lighting	OG-BK	4/56C:13	Central Electronic Module (CEM)	OG-BK
6	6/32:2	Rear window wiper motor	WH-RD	4/56C:34	Central Electronic Module (CEM)	WH-RD
7	16/141	Interference filter, rear window, left	GN-BU	64/113:6	Connector	GN-BU
8	3/78:3	Lock unit, trunk lid/tailgate	BK-RD	4/56F:24	Central Electronic Module (CEM)	BK-RD
9	-		-	-		-
10	10/3:1	License plate lighting	BK-YE	4/93D:14	Keyless Vehicle Module (KVM)	BK-YE
11	-		-	-		-
12	-		-	-		-
13	10/25:2	Ceiling light, cargo compartment	OG-BU	63/173	Junction point	OG-BU
14	-		-	-		-

64/50 12-pin black

No.	Harness Rear axle			Harness Floor		
1	4/82:1	Differential Electronic Module (DEM)	GN-RD	4/56C:39	Central Electronic Module (CEM)	GN-RD
2	4/82:2	Differential Electronic Module (DEM)	BK-RD	63/171	Junction point	BK-OG
3	63/225 64/50:6	Junction point Connector	BU-RD	4/56F:14	Central Electronic Module (CEM)	BU-RD
4	63/224 64/50:5	Junction point Connector	GY-RD	4/56F:16	Central Electronic Module (CEM)	GY-RD
5	63/224 64/50:4	Junction point Connector	GY-RD	64/51:2	Connector	GY-RD
6	63/225 64/50:6	Junction point Connector	BU-RD	64/51:6	Connector	BU-RD
7	7/120:1	Angle sensor, Bi-Xenon rear	BN	64/113:27	Connector	BN
8	7/120:4	Angle sensor, Bi-Xenon rear	WH	64/113:19	Connector	WH
9	7/120:5	Angle sensor, Bi-Xenon rear	YE	64/113:20	Connector	YE
10	-		-	-		-
11	-		-	-		-
12	-		-	-		-

Connectors

64/51

64/51

14-pin grey

No.	Harness Fuel tank			Harness Floor		
1	6/35B:1	Fuel pump, auxiliary heater	RD-OG	64/113:15	Connector	RD-OG
2	64/650:7	Connector	GY-RD	4/56F:16 64/50:5 64/112:5	Central Electronic Module (CEM) Connector Connector	GY-RD
3	6/33:2 6/33:3	Fuel pump Fuel pump, PZEV	WH-RD	4/56F:5	Central Electronic Module (CEM)	WH-RD
4	6/33:3	Fuel pump, AWD	WH-GN	4/56F:25	Central Electronic Module (CEM)	WH-GN
5	6/33:4 6/33:2	Fuel pump Fuel pump, PZEV	WH-BU	4/56F:7	Central Electronic Module (CEM)	WH-BU
6	64/650:6	Connector	BU-RD	4/56F:14 64/50:6 64/112:4	Central Electronic Module (CEM) Connector, AWD Connector	BU-RD
7	4/83:2 6/33:1 64/650:1	Control module fuel pump Fuel pump Connector	GN-WH	4/56C:16	Central Electronic Module (CEM)	GN-WH
8	4/83:3 6/33:5 63/33 64/650:8	Control module fuel pump, PZEV Fuel pump Junction point Connector	BK-OG	31/116 31/115	Ground connection, LHD Ground connection, RHD	BK-OG
9	6/67:3	Pump, fuel leakage control	YE-VT	64/113:10	Connector	YE-VT
10	6/67:2	Pump, fuel leakage control	WH-VT	64/113:11	Connector	WH-VT
11	6/67:1	Pump, fuel leakage control	BK-WH	64/113:12	Connector	BK-WH
12	6/67:4	Pump, fuel leakage control	GN-BU	64/113:13	Connector	GN-BU
13	6/35B:2	Fuel pump, auxiliary heater	BK-OG	63/172	Junction point	BK-OG
14	4/83:1	Control module fuel pump	WH-BK	64/113:7	Connector	WH-BK

Connectors

64/60 - 64/81

64/60

16-pin grey

No.	Harness Engine compartment			Harness Engine compartment		
1	6/120:5	Engine throttle body	YE	4/46.3A:22	Engine Control Module (ECM), 4-cyl. 1.6l	YE
2	6/120:3	Engine throttle body	WH-BU	4/46.3A:21	Engine Control Module (ECM), 4-cyl. 1.6l	WH-BU
3	6/120:4	Engine throttle body	BN	4/46.3A:6	Engine Control Module (ECM), 4-cyl. 1.6l	BN
4	6/120:6	Engine throttle body	WH-RD	4/46.3A:48	Engine Control Module (ECM), 4-cyl. 1.6l	WH-RD
5	63/52	Junction point	GN-YE	63/99	Junction point	GN-YE
6	-		-	-		-
7	6/120:2	Engine throttle body	YE-BU	4/46.3B:42	Engine Control Module (ECM), 4-cyl. 1.6l	YE-BU
8	6/120:1	Engine throttle body	WH-BU	4/46.3B:41	Engine Control Module (ECM), 4-cyl. 1.6l	WH-BU
9	7/16:1	Sensor, coolant temperature	BN	4/46.3B:13	Engine Control Module (ECM), 4-cyl. 1.6l	BN
10	7/16:2	Sensor, coolant temperature	BN	4/46.3B:36	Engine Control Module (ECM), 4-cyl. 1.6l	BN
11	-		-	-		-
12	-		-	-		-
13	8/6:2	Injection valves	BK-WH	4/46.3A:27	Engine Control Module (ECM), 4-cyl. 1.6l	BK-WH
14	8/7:2	Injection valves	BK-YE	4/46.3A:13	Engine Control Module (ECM), 4-cyl. 1.6l	BK-YE
15	8/8:2	Injection valves	BK-BU	4/46.3A:28	Engine Control Module (ECM), 4-cyl. 1.6l	BK-BU
16	8/9:2	Injection valves	BK-OG	4/46.3A:12	Engine Control Module (ECM), 4-cyl. 1.6l	BK-OG

64/81

2-pin black

No.	Harness Floor			Harness Front door		
1	4/56F:31	Central Electronic Module (CEM)	BN-YE	3/126A:8	Driver's Door Module (DDM), LHD	BK
				3/127A:8	Passenger Door Module (PDM), RHD	
2	4/56F:28	Central Electronic Module (CEM)	WH-BK	3/126A:17	Driver's Door Module (DDM), LHD	BK
				3/127A:17	Passenger Door Module (PDM), RHD	

Connectors

64/90:1-11

64/90

41-pin black

No.	Harness Engine		Harness Engine compartment		
1	4/46.1B:45 4/46.5:30 63/227 4/46.2A:A3 4/46.3A:33 4/46.4B:A3	Engine Control Module (ECM), 5-cyl. Engine Control Module (ECM), 4-cyl. 1.8l Junction point Engine Control Module (ECM), DW10 Engine Control Module (ECM), 4-cyl. 1.6l Engine Control Module (ECM), DV6	BU-RD GY	63/223 Junction point	BU-RD
2	4/46.3A:7 4/46.4C:F2 4/46.5A:14	Engine Control Module (ECM), 4-cyl. 1.6l Engine Control Module (ECM), DV6 Engine Control Module (ECM), 4-cyl. 1.8l	BK-YE	4/109:8 Control module glow plug, Diesel	BK-YE
3	4/28A:11 4/28A:9	Transmission Control Module (TCM), I5 Transmission Control Module (TCM), I4	GN-YE	4/56E:1 64/113:21 15/31	GN-YE Central Electronic Module (CEM) Connectors Distribution box in engine compartment, resistor
4	4/46.1B:8 4/46.2A:D1 4/46.3B:30 4/46.4C:A1 4/46.5A:4	Engine Control Module (ECM), 5-cyl. Engine Control Module (ECM), DW10 Engine Control Module (ECM), 4-cyl. 1.6l Engine Control Module (ECM), DV6 Engine Control Module (ECM), 4-cyl. 1.8l	BK-RD	2/35:2 Relay, starter motor	BK-RD
5	4/46.1A:28 4/46.2A:H2 4/46.3B:22 4/46.4A:C4 4/46.5A:14	Engine Control Module (ECM), 5-cyl. Engine Control Module (ECM), Diesel Engine Control Module (ECM), 4-cyl. 1.6l Engine Control Module (ECM), Diesel Engine Control Module (ECM), 4-cyl. 1.8l	BU BK-OG BK-YE	8/119:2 Pressure monitor, climate control system, I5 8/119:2 Pressure monitor, climate control system, I4 8/119:2 Pressure monitor climate control system, Diesel	BU BK-OG BK-YE
6	9/38:1	Heated fuel filter, Diesel	GN-RD	2/142:5 Relay, pre-heater, fuel filter	GN-RD
7	4/46.4C:B2	Engine Control Module (ECM), DV6	WH-GN	4/56G:30 Central Electronic Module (CEM), Diesel	WH-GN
8	4/46.1B:41 4/46.3A:40 4/46.4A:A2 4/46.5A:39	Engine Control Module (ECM), 5-cyl. Engine Control Module (ECM), 4-cyl. 1.6l Engine Control Module (ECM), DV6 Engine Control Module (ECM), 4-cyl. 1.8l	GN-WH	4/56E:40 Central Electronic Module (CEM)	GN-WH
9	-	-	-	-	-
10	3/10:2 3/10:2	Contact reversing light, MAN. Contact reversing light, MAN Diesel	GN-YE GN-WH	4/56E:14 Central Electronic Module (CEM)	GN-BU
11	6/25A:1 64/120:1	Starter motor Connector, I4 & Diesel	GY	2/35:5 Relay, starter motor	GY
continues					

Connectors

64/90:12-22

64/90

41-pin black

No.	Harness Engine		Harness Engine compartment		
12	8/77:1 63/52 9/32:1 63/103 63/95	Control valve, fuel volume, Diesel Junction point, I4 PTC resistor oil trap, Diesel Junction point, I4 Junction point, I4	GN-BU GN-RD	F34:2 Fuse	GN-BU
13	4/46.4B:G4	Engine Control Module (ECM), DV6	RD	F30:2 Fuse, Diesel, I4	RD
14	63/54 2/22	Junction point Relay, climate control system	GN-BU	F35:2 Fuse	GN-BU
15	4/46.1B:58 4/46.2A:A4 4/46.3F:31 4/46.4A:A4 4/46.5:41	Engine Control Module (ECM), 5-cyl. Engine Control Module (ECM), DW10 Engine Control Module (ECM), 4-cyl. 1.6l Engine Control Module (ECM), DV6 Engine Control Module (ECM), 4-cyl. 1.8l	GY-RD	63/222 Junction point	GY-RD
16	4/46.4C:A4	Engine Control Module (ECM), Diesel	WH-BU	4/109:3 Control module glow plug, Diesel	WH-BU
17	4/46.1A:17 4/46.2A:D4 4/46.3A:9 4/46.4C:E2 4/46.5A:1	Engine Control Module (ECM), 5-cyl. Engine Control Module (ECM), DW10 Engine Control Module (ECM), 4-cyl. 1.6l Engine Control Module (ECM), DV6 Engine Control Module (ECM), 4-cyl. 1.8l	BK-YE	2/22:2 Relay, climate control system	BK-YE
18	8/3:1 8/3:2	Electromagnetic clutch climate control system, Gasoline Electromagnetic clutch, climate control system, Diesel	GN-YE	2/22:5 Relay, climate control system	GN-YE
19	4/46.1A:51 4/46.2A:D2 4/46.4A:G3 4/46.3B:34 4/46.5A:13	Engine Control Module (ECM), 5-cyl. Engine Control Module (ECM), DW10 Engine Control Module (ECM), DV6 Engine Control Module (ECM), 4-cyl. 1.6l Engine Control Module (ECM), 4-cyl. 1.8l	WH-RD BK-BU WH-VT	7/8:2 Pressure sensor, climate control system 8/127:2 Pressure switch, climate control system, Diesel	WH-VT BK-BU
20	6/26A:3	Generator	RD	F31:2 Fuse, I4	RD
21	4/46.1B:16 4/46.2B:H3 4/46.3A:8 4/46.4B:E1 4/46.5A:35	Engine Control Module (ECM), 5-cyl. Engine Control Module (ECM), DW10 Engine Control Module (ECM), 4-cyl. 1.6l Engine Control Module (ECM), DV6 Engine Control Module (ECM), 4-cyl. 1.8l	BK-BU	2/32:2 Main relay, engine management system	BK-BU
22	4/28A:16 4/28A:7	Transmission Control Module (TCM) Transmission Control Module (TCM), I4	RD-YE	64/111:3 Connector	RD-YE
continues					

Connectors

64/90:23-36

64/90

41-pin black

No.	Harness Engine			Harness Engine compartment		
23	63/56 4/28A:14 4/46.1B:54	Junction point Transmission Control Module (TCM) Engine Control Module (ECM), 5-cyl.	RD	F23:2	Fuse	RD
24	4/46.1B:20 64/600:1	Engine Control Module (ECM), 5-cyl. Connector, Diesel	WH-BK GN-OG	64/113:7 4/109:1	Connector Control module glow plug, Diesel	WH-BK GN-OG
25	4/46.1B:33 64/600:2	Engine Control Module (ECM), 5-cyl. Connector, Diesel	BN-WH GN-OG	64/113:12 4/109:2	Connector Control module glow plug, Diesel	BK-WH GN-OG
26	4/46.1B:23 64/600:3	Engine Control Module (ECM), 5-cyl. Connector, Diesel	WH-VT GN-OG	64/113:11 4/109:6	Connector Control module glow plug, Diesel	WH-VT GN-OG
27	4/46.1B:45 64/600:4	Engine Control Module (ECM), 5-cyl. Connector, Diesel	YE-VT GN-OG	64/113:10 4/109:7	Connector Control module glow plug, Diesel	YE-VT GN-OG
28	4/46.1B:26 4/46.2A:F3 4/46.3A:47 4/46.4A:B3 4/46.5A:32	Engine Control Module (ECM), 5-cyl. Engine Control Module (ECM), DW10 Engine Control Module (ECM), 4-cyl. 1.6l Engine Control Module (ECM), DV6 Engine Control Module (ECM), 4-cyl. 1.8l	GY	7/51:5	Accelerator pedal sensor	GY
29	4/46.3A:17 4/46.5A:12	Engine Control Module (ECM), 4-cyl. 1.6l Engine Control Module (ECM), 4-cyl. 1.8l	YE-RD	7/8:3	Pressure sensor, climate control system	YE-RD
30	4/28A:13 4/28A:11	Transmission Control Module (TCM), I5 Transmission Control Module (TCM), I4	GY-OG	64/111:1	Connector	GY-OG
31	4/46.1B:17 4/28A:10	Engine Control Module (ECM), 5-cyl. Transmission Control Module (TCM), I4	GN-BU GY-OG	2/35:1	Relay, starter motor	GN-BU
32	4/46.3A:39 63/63	Engine Control Module (ECM), 4-cyl. 1.6l Junction point, I4	BN-RD	7/8:1	Pressure sensor, climate control system	BN-RD
33	4/28A:7 4/28A:1	Transmission Control Module (TCM), I5 Transmission Control Module (TCM), I4	RD RD	64/111:2	Connector	RD
34	4/46.1B:7 4/46.2A:B2 4/46.3A:10 4/46.4A:B2 4/46.5A:12	Engine Control Module (ECM), 5-cyl. Engine Control Module (ECM), DW10 Engine Control Module (ECM), 4-cyl. 1.6l Engine Control Module (ECM), DV6 Engine Control Module (ECM), 4-cyl. 1.8l	WH-RD	4/71:4	Cooling fan control module	WH
35	7/82:1	Heated oxygen sensor, Turbo	GN-YE	63/13	Branching point, Turbo	GN-YE
36	6/26A:3	Generator	WH-RD	15/31	Distribution box in engine compartment, diode	WH-RD
continues						

Connectors

64/90:37-41 - 64/111:1-10

64/90

41-pin black

No.	Harness Engine			Harness Engine compartment		
37	4/46.1B:30	Engine Control Module (ECM), 5-cyl.	GN-YE	4/56E:10	Central Electronic Module (CEM)	GN-GY
	4/46.3B:21	Engine Control Module (ECM), 4-cyl. 1.6l		4/56E:10	Central Electronic Module (CEM), Diesel	GN-BU
	4/46.4A:C3	Engine Control Module (ECM), DV6				
	4/46.5A:46	Engine Control Module (ECM), 4-cyl. 1.8l				
38	-		-	-		-
39	7/15:1	Heated oxygen sensor, front, I4	GN-RD	F32:2	Fuse	GN-YE
	8/121:1	Valve coolant, Diesel	GN-BK			
	7/82:1	Heated oxygen sensor, rear, I4	GN-YE			
	63/98	Junction point				
40	63/61	Junction point	GN-YE	F33:2 63/13	Fuse Branching point, Turbo	GN-YE
	7/15:3	Heated oxygen sensor, front, Turbo				
41	63/65	Junction point	GN-BU	F36:2	Fuse	GN-BU
	4/46.3B:F8	Engine Control Module (ECM), 4-cyl. 1.6l	GN-OG			
	4/46.4A:G1	Engine Control Module (ECM), DV6				
	4/46.4B:M2	Engine Control Module (ECM), DV6				
	4/46.5A:34	Engine Control Module (ECM), 4-cyl. 1.8l				

64/111

27-pin grey

No.	Harness Engine compartment			Harness Dashboard		
1	64/90:30	Connector	GY-OG	3/156:3	Gear Selector Module (GSM)	GY-OG
2	64/90:33	Connector	RD	3/156:2	Gear Selector Module (GSM)	WH-RD
3	64/90:22	Connector	RD-YE	3/156:1	Gear Selector Module (GSM)	RD-YE
4	-		-	-		-
5	F26:2	Fuse	RD	3/1B:7	Start Control Module (SCU)	RD
6	-		-	-		-
7	7/51:4	Accelerator pedal sensor	BK-YE	63/12	Junction point	BK-YE
8	10/1:6	Lamp housing, front left	BU	3/111:10	Switch unit, lights	BU
	10/2:6	Lamp housing, front right				
9	63/124	Junction point	BK	63/6	Junction point	BK
10	F28:2	Fuse	OG-YE	16/108A:1	Multimedia Module (MMM)	OG-YE
				3/112:1	Climate Control Module (CCM), I4	
continues						

Connectors

64/111:11-27 - 64/112:1-5

64/111

27-pin grey

No.	Harness Engine compartment			Harness Dashboard		
11	7/178:1	Front impact sensor, right	WH-BK	4/9B:23	Supplemental Restraint System Module (SRS)	WH-BK
12	7/178:2	Front impact sensor, right	BN-YE	4/9B:24	Supplemental Restraint System Module (SRS)	BN-YE
13	-		-	-		-
14	2/159.2:1	Relay, infotainment, extra	OG-GN	63/29	Junction point	OG-GN
15	-		-	-		-
16	-		-	-		-
17	-		-	-		-
18	10/1:12 10/2:12	Lamp housing, front left Lamp housing, front right	OG	63/139	Junction point	OG
19	7/179:1	Front impact sensor, left	WH	4/9B:5	Supplemental Restraint System Module (SRS)	WH
20	7/179:2	Front impact sensor, left	BN	4/9B:9	Supplemental Restraint System Module (SRS)	BN
21	-		-	-		-
22	7/179:1	Front impact sensor, left	WH-BK	4/9B:23	Supplemental Restraint System Module (SRS)	WH-BK
23	-		-	-		-
24	F10:2	Fuse	GN-OG	6/28:1	Motor, passenger compartment fan	GN-OG
25	F10:2	Fuse	GN-OG	4/31:1	Fan control module	GN-OG
26	-		-	-		-
27	-		-	-		-

64/112

16-pin grey

No.	Harness Floor			Harness Dashboard		
1	16/105B:10	Audio Module (AUD)	WH-RD	16/26:1	Speaker, dashboard middle	WH-RD
2	16/105B:2	Audio Module (AUD)	GY-RD	16/26:2	Speaker, dashboard middle	GY-RD
3	-		-	-		-
4	64/51:6	Connector	BU-RD	3/254C:8	Steering Wheel Module (SWM)	BU-RD
5	64/51:2	Connector, RHD	GY-RD	3/254C:9	Steering Wheel Module (SWM)	GY-RD
continues						

Connectors

64/112:6-16 - 64/113:1-14

64/112

16-pin grey

No.	Harness Floor			Harness Dashboard		
6	64/31:4 64/30:4	Connector Connector, RHD	WH-GN WH	64/545:6	Connector, HVAC	WH-GN
7	64/30:4 64/31:4	Connector Connector, RHD	WH WH-GN	64/545:3	Connector, HVAC	WH
8	4/93B:17	Keyless Vehicle Module (KVM)	RD-GN	63/88	Junction point	RD-GN
9	16/1A:5	Audio Module (AUD)	WH-BK	64/41:9	Connector	WH-BK
10	16/1A:12	Audio Module (AUD)	GY-BK	64/41:1	Connector	GY-BK
11	16/1A:4	Audio Module (AUD)	WH-VT	64/43:9	Connector	WH-RD
12	16/1A:11	Audio Module (AUD)	GY-WH	64/43:1	Connector	GY-RD
13	16/1A:6	Audio Module (AUD)	WH-RD	64/45:19	Connector	WH-VT
14	16/1A:13	Audio Module (AUD)	GY-RD	64/45:18	Connector	GY-WH
15	16/1A:3	Audio Module (AUD)	WH	64/47:19	Connector	WH
16	16/1A:10	Audio Module (AUD)	GY	64/47:18	Connector	GY

64/113

29-pin black

No.	Harness Floor			Harness Engine compartment		
1	64/816:1	Connector	WH	4/16:36	Brake Control Module (BCM)	WH
2	64/816:2	Connector	BN	4/16:37	Brake Control Module (BCM)	BN
3	64/817:1	Connector	YE-GN	4/16:43	Brake Control Module (BCM)	YE-GN
4	64/817:2	Connector	WH-GN	4/16:42	Brake Control Module (BCM)	WH-GN
5	-		-	-		-
6	64/48:7 16/141	Connector, V50 Interference filter, rear window left, S40	GN-BU	2/82:5	Relay, heated rear window	GN-BU
7	64/51:14	Connector	WH-BK	64/90:24	Connector	WH-BK
8	7/164:5	Body Sensor Cluster (BSC)	BN-RD	4/16:5	Brake Control Module (BCM)	BN-RD
9	7/164:3	Body Sensor Cluster (BSC)	YE-RD	4/16:7	Brake Control Module (BCM)	YE-RD
10	64/51:9	Connector	YE-VT	64/90:27	Connector	YE-VT
11	64/51:10	Connector	WH-VT	64/90:26	Connector	WH-VT
12	64/51:11	Connector	BK-WH	64/90:25	Connector	BK-WH
13	64/51:12	Connector	GN-BU	2/22:1 F35:2	Relay, climate control system Fuse	GN-BU
14	4/93B:20	Keyless Vehicle Module (KVM)	WH-RD	3/271:1	Contact, immobilizer, clutch pedal	WH-RD
continues						

Connectors

64/113:15-29 - 64/120

64/113

29-pin black

No.	Harness Floor			Harness Engine compartment		
15	64/51:1	Connector	RD-OG	4/7A:6	Combustion Preheater Module (CPM)	RD-OG
16	16/79:1	Subwoofer Module (SUB)	OG-GN	F22:2	Fuse	OG-GN
17	7/164:2	Body Sensor Cluster (BSC)	GY	4/16:29	Brake Control Module (BCM)	GY
18	7/164:1	Body Sensor Cluster (BSC)	BU	4/16:25	Brake Control Module (BCM)	BU
19	64/50:8	Connector	WH	4/112A:2	Control module, gas discharge lamp (GDL), master, left	WH
20	64/50:9	Connector	YE	4/112:3	Control module, gas discharge lamp (GDL), master, left	YE
				7/121:5	Angle sensor, Bi-Xenon front	
21	64/90:3	Connector	GN-YE	4/56C:46	Junction point	GN-YE
22	-		-	-		-
23	-		-	-		-
24	4/110C:2	Trailer Module (TRM)	RD	F14:2	Fuse	RD
25	4/110C:2	Trailer Module (TRM)	RD	F14:2	Fuse	RD
26	-		-	-		-
27	64/50:7	Connector	BN	4/112:4	Control module, gas discharge lamp (GDL), master, left	BN
				7/121:1	Angle sensor, Bi-Xenon front	
28	-		-	-		-
29	-		-	-		-

64/114

2-pin grey

No.	Harness Floor			Harness Engine compartment		
1	4/31:1	Fan control module	WH	F10	Fuse	GN-OG
2	4/31:6	Fan control module	BK	63/108	Junction point	BK

64/120

1-pin black

No.	Harness Engine			Harness Starter motor		
1	64/90:11	Connector	GY	6/25A:1	Starter motor	GY

Connectors

64/322 - 64/545:1-4

64/322

5-pin green

No.	Harness Floor			Harness Shock absorbers, rear		
1	63/228	Junction point	GY-RD	63/421	Junction point	GY-RD
2	63/229	Junction point	BU-RD	63/422	Junction point	BU-RD
3	10/17A:1	Lamp housing, rear right, S40	OG-BK	4/27B:3	Control module, Parking Assistance Module (PAM)	BK
	10/17A:2	Lamp housing, rear right, V50				
4	31/12	Ground connection	BK	63/420	Junction point	BK
5	4/56:38	Central Electronic Module (CEM)	RD	4/27A:1	Control module, Parking Assistance Module (PAM)	RD

64/545

6-pin light grey

No.	Harness Dashboard			Harness Climate control system		
1	4/56A:44	Central Electronic Module (CEM)	YE	6/95:1	Damper Motor Module (DMM), left sideS	RD
				6/103:1	Damper Motor Module (DMM), floor/ventilation	
				6/96:1	Damper Motor Module (DMM), right-hand side	
				6/48:1	Damper Motor Module (DMM), recirculation	
				6/102:1	Damper Motor Module (DMM), defroster	
				7/159:1	Air Quality Sensor (AQS)	
2	3/112:5	Climate Control Module (CCM)	YE-GN	7/41:1	Temperature sensor evaporator	BU-YE
3	3/112:12	Climate Control Module (CCM)	WH	6/103:2	Damper Motor Module (DMM), floor/ventilation	YE
	64/112:7	Connector		6/95:2	Damper Motor Module (DMM), left-hand side	
4	63/25	Junction point	BK	6/48:3	Damper Motor Module (DMM), recirculation	BN
				6/96:3	Damper Motor Module (DMM), right-hand side	
				6/102:3	Damper Motor Module (DMM), defroster	
				6/103:3	Damper Motor Module (DMM), floor/ventilation	
				7/159:3	Air Quality Sensor (AQS)	
continues						

Connectors

64/545:5-6 - 64/650:1-9

64/545

6-pin light grey

No.	Harness Dashboard			Harness Climate control system		
5	3/112:14 6/117:3	Climate Control Module (CCM) Interior temperature sensor	BN-GN	7/41:3	Temperature sensor evaporator	GN-OG
6	3/112:7 64/112:6	Climate Control Module (CCM) Connector	WH-GN	7/159:2 6/102:2 6/48:2 6/96:2	Air Quality Sensor (AQS) Damper Motor Module (DMM), defroster Damper Motor Module (DMM), recirculation Damper Motor Module (DMM), right-hand side	VT

64/600

4-pin black

No.	Harness Engine			Harness Glow plug		
1	64/90:24	Connector	GN-OG	20/25:1	Glow plug	GN-OG
2	64/90:25	Connector	GN-OG	20/24:1	Glow plug	GN-OG
3	64/90:26	Connector	GN-OG	20/23:1	Glow plug	GN-OG
4	64/90:27	Connector	GN-OG	20/22:1	Glow plug	GN-OG

64/650

16-pin black

No.	Harness Fuel tank			Harness Dosage unit, pigtail		
1	64/51:7	Connector	GN-WH	4/111	Additive Dosing Module (ADM)	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	64/51:6	Connector	BU-RD	4/111	Additive Dosing Module (ADM)	-
7	64/51:2	Connector	GY-RD	4/111	Additive Dosing Module (ADM)	-
8	64/51:8	Connector	BK-OG	4/111	Additive Dosing Module (ADM)	-
9	6/33:1	Fuel pump	GN-OG	4/111	Additive Dosing Module (ADM)	-
continues						

Connectors

64/650:10-16 - 64/978

64/650

16-pin black

No.	Harness Fuel tank			Harness Dosage unit, pigtail		
10	6/33:2	Fuel pump	BK-RD	4/111	Additive Dosing Module (ADM)	-
11	6/33:4	Fuel pump	WH	-	-	-
12	-	-	-	-	-	-
13	6/33:3	Fuel pump	BN	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-

64/977A

2-pin

No.	Harness Floor			Harness Dashboard		
1	64/978:1	Connector	OG	16/1.2B:2	Infotainment Control Module (ICM)	OG
				16/108C:2	Multimedia Module (MMM)	
2	64/978:2	Connector	OG	16/60D:1	Phone Module (PHM)	OG
				16/1:1	Infotainment Control Module (ICM)	

64/978

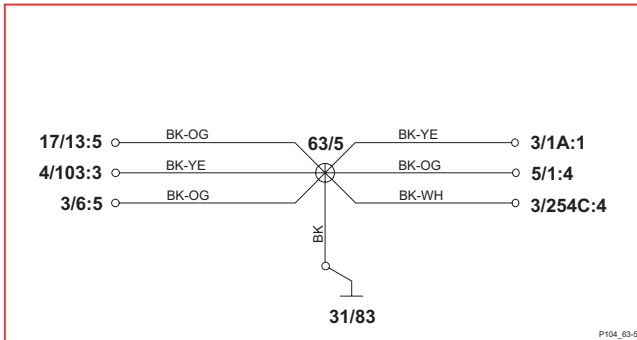
2-pin

No.	Harness Floor			Harness MOST amplifier		
1	64/977A:1	Connector	OG	16/105D:1	Audio Module (AUD)	OG
				64/977:1	Connector	
2	64/977A:2	Connector	OG	16/105D:2	Audio Module (AUD)	OG
				16/139C:2	Global Positioning System Module (GPS)	

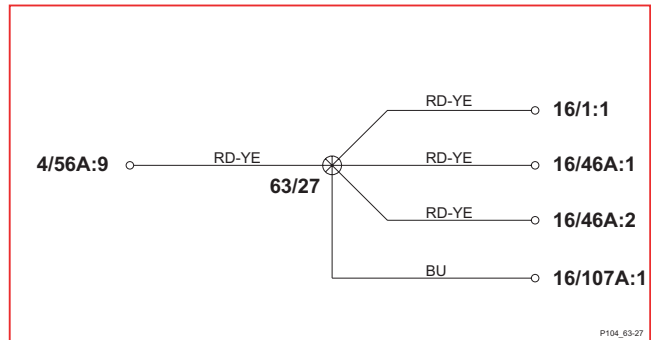
Branching points

63/5 - 63/33

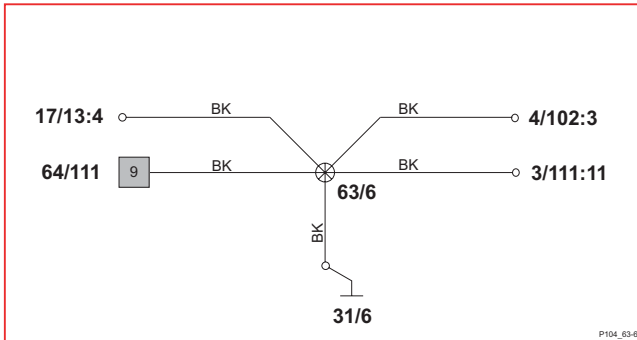
63/5



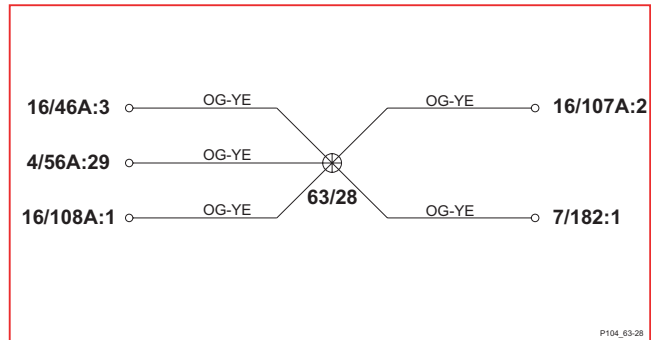
63/27



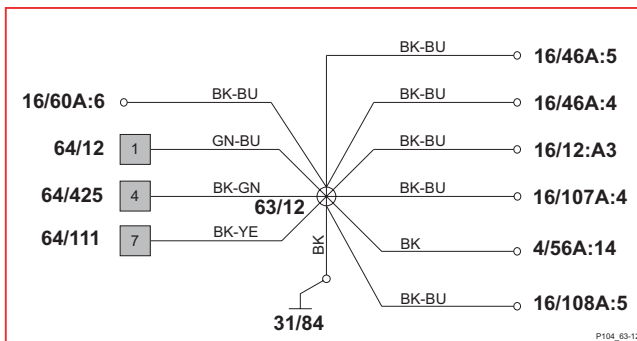
63/6



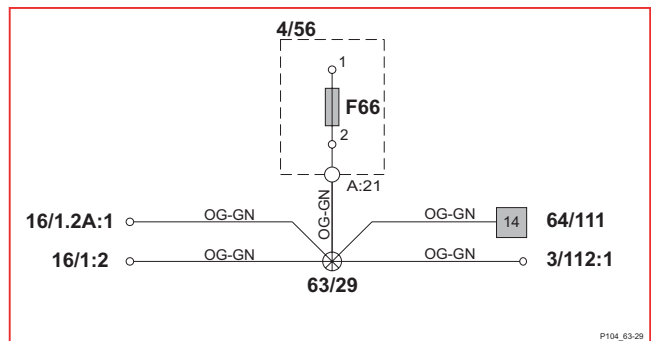
63/28



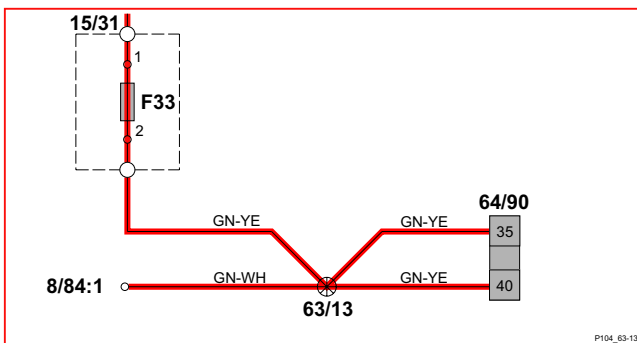
63/12



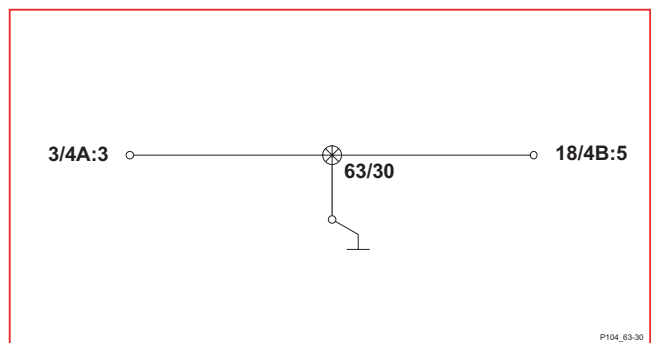
63/29



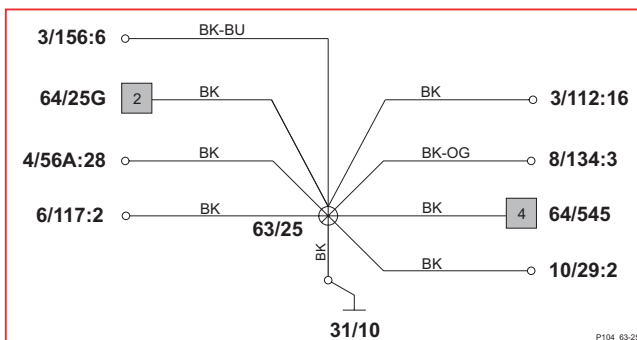
63/13



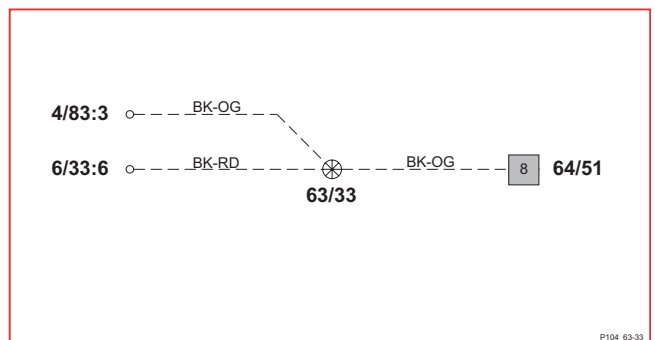
63/30



63/25

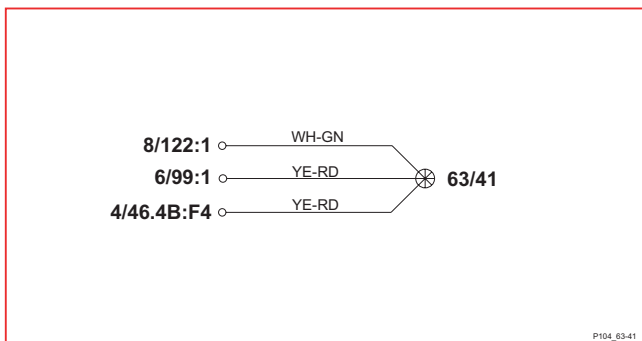


63/33

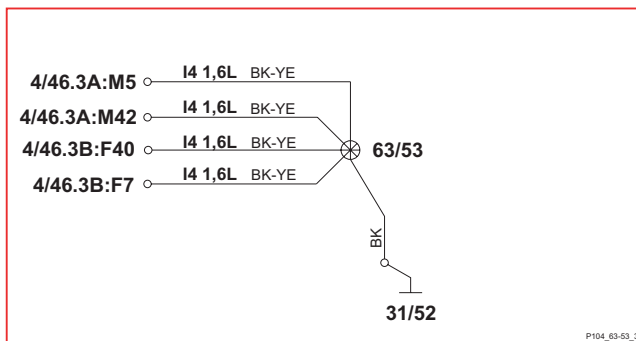


Branching points 63/41 - 63/54 Diesel

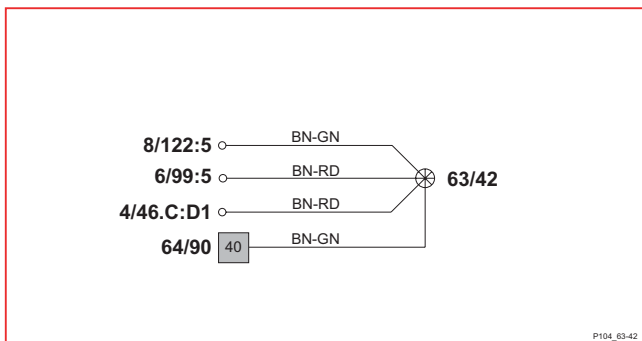
63/41



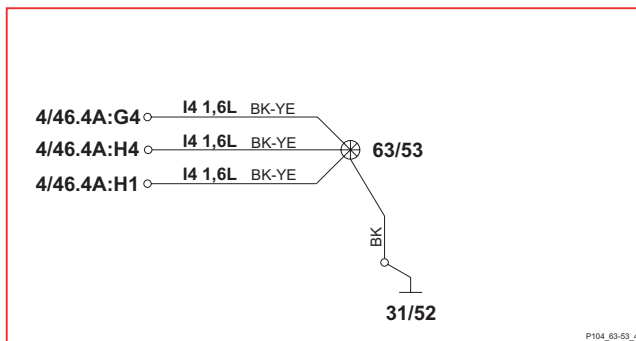
63/53.3



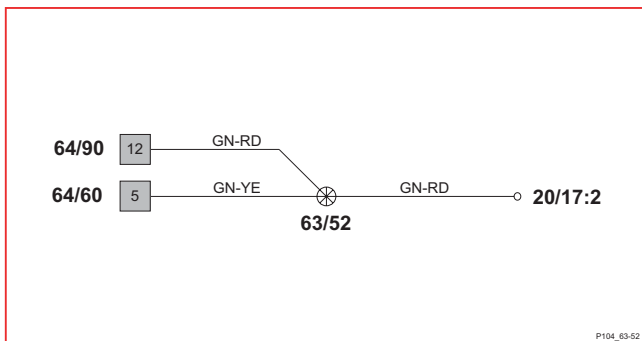
63/42



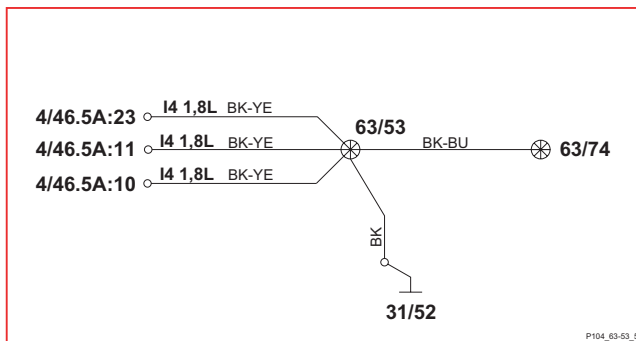
63/53.4



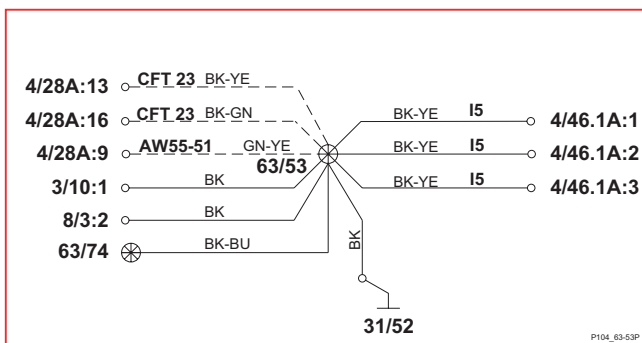
63/52



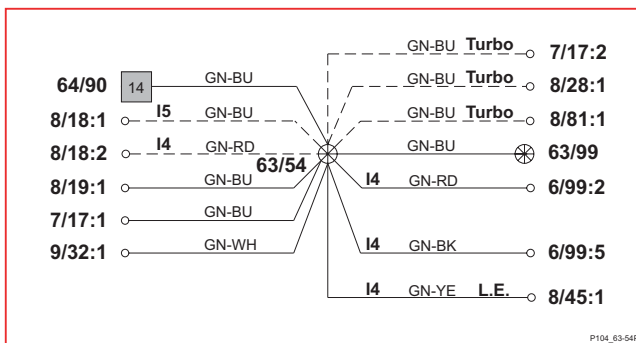
63/53.5



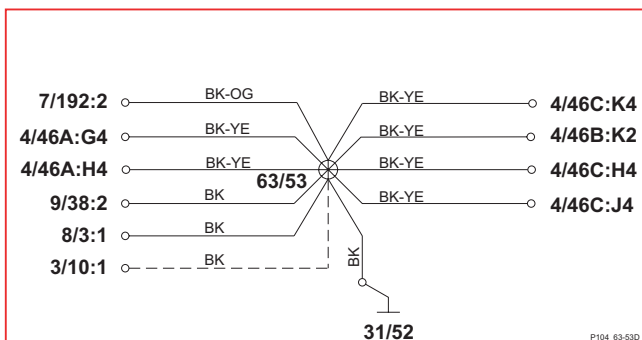
63/53 Gasoline



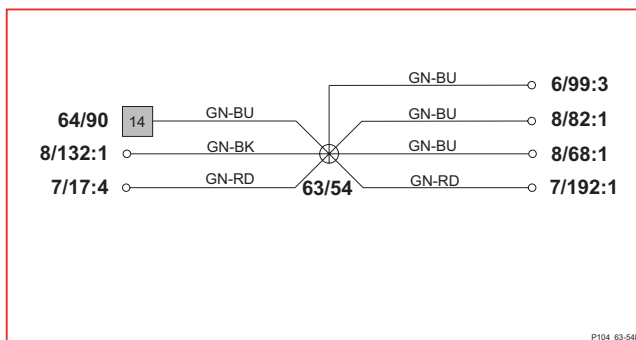
63/54 Gasoline



63/53 Diesel

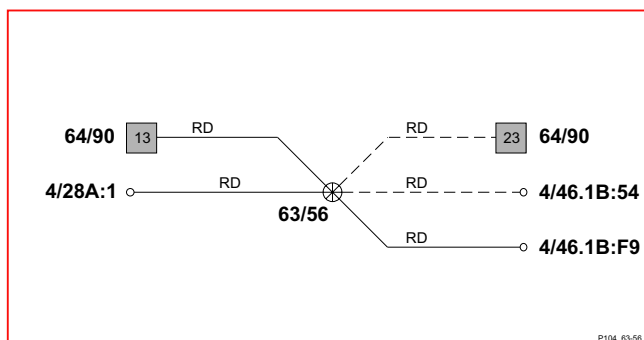


63/54 Diesel

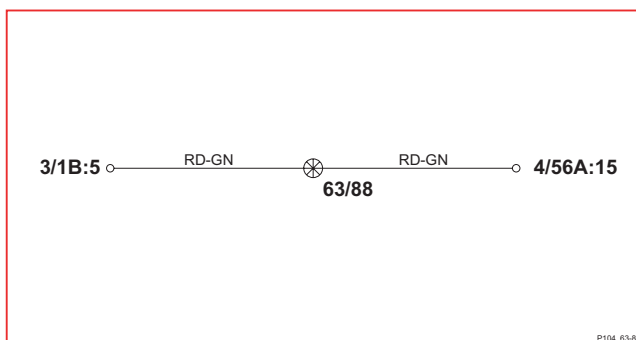


Branching points 63/56 - 63/103

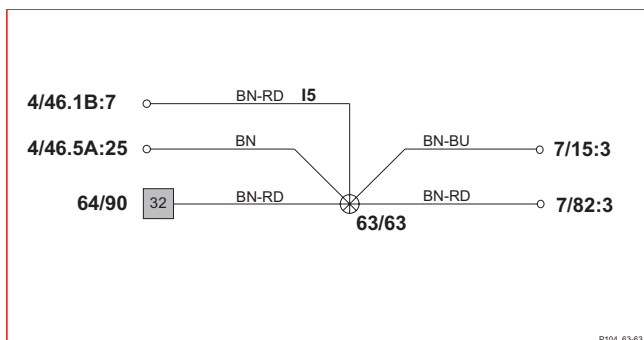
63/56



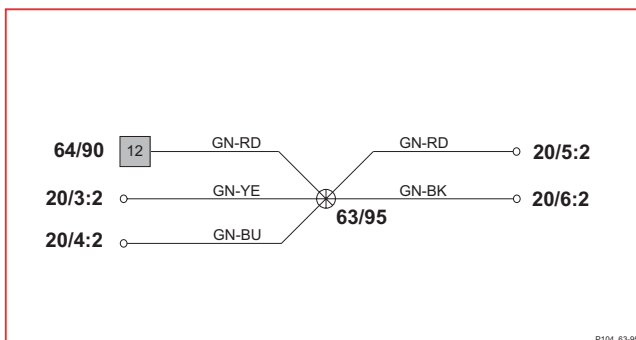
63/88



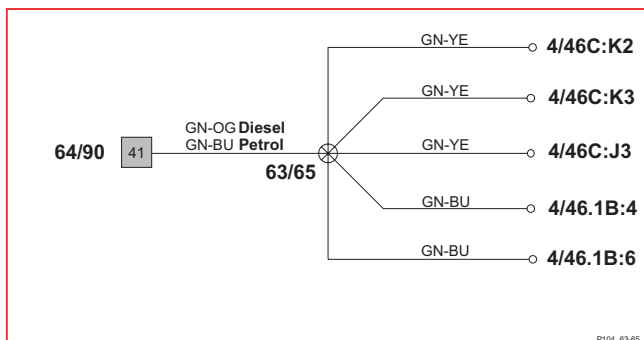
63/63



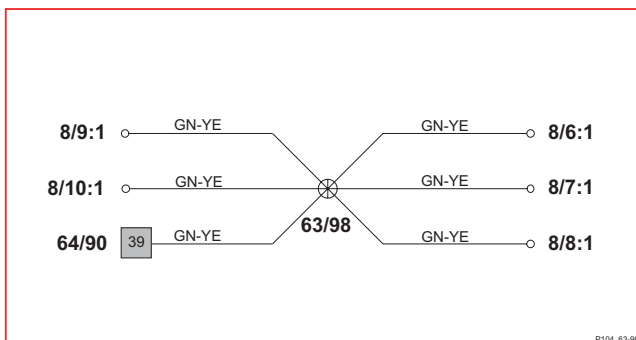
63/95



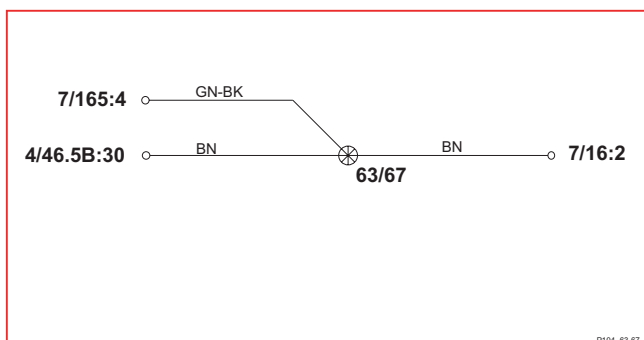
63/65



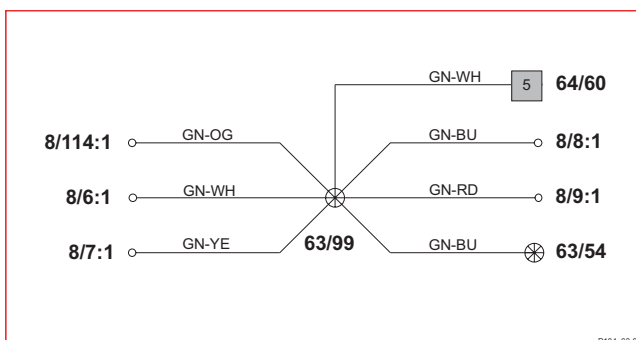
63/98 Gasoline



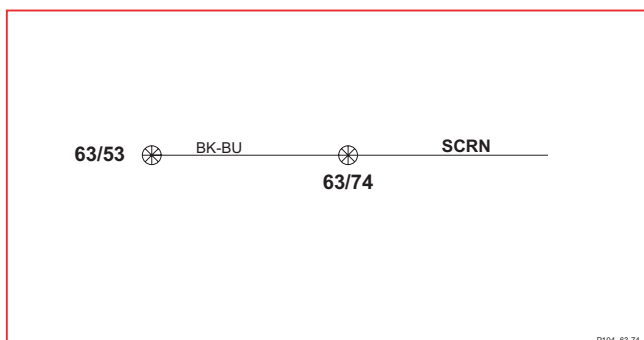
63/67



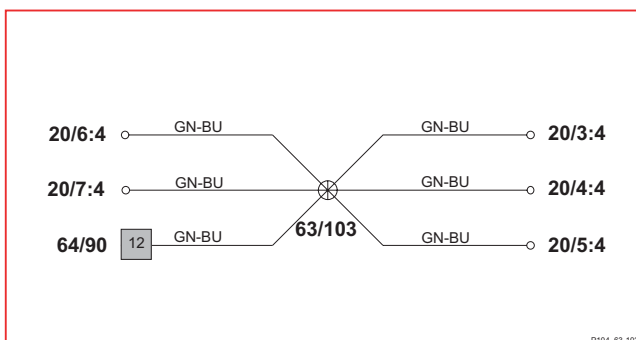
63/99



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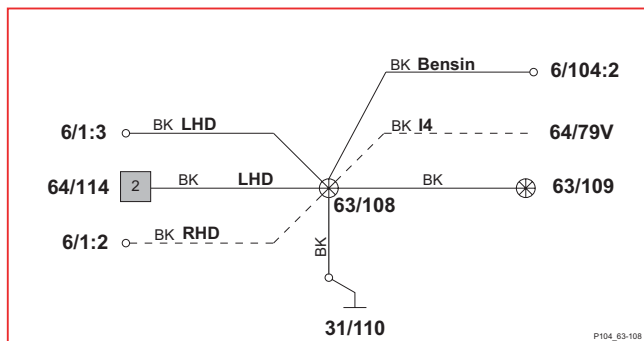
63/103 Gasoline



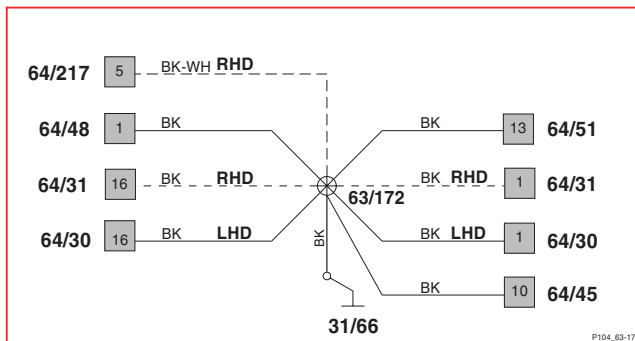
Branching points

63/108 - 63/199

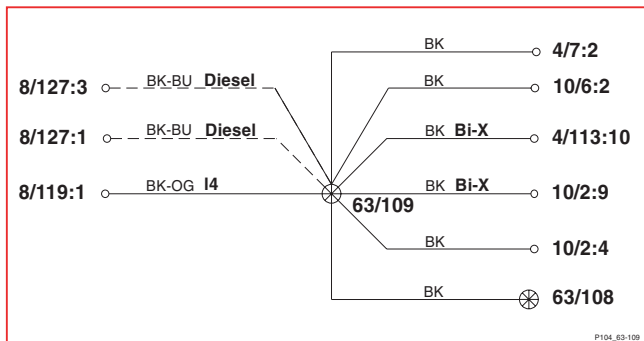
63/108



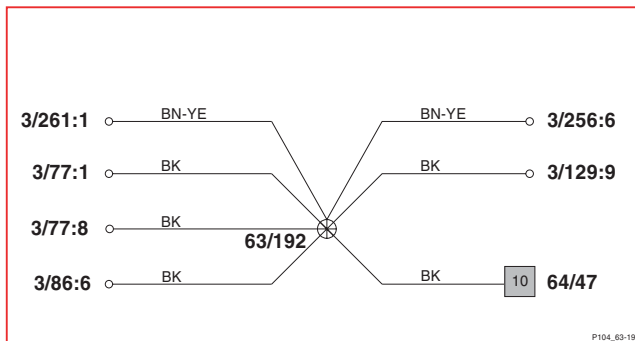
63/172



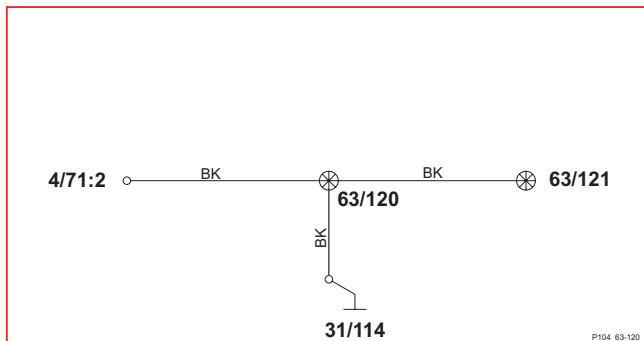
63/109



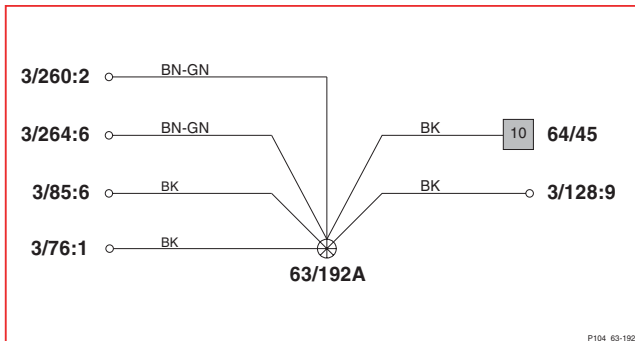
63/192



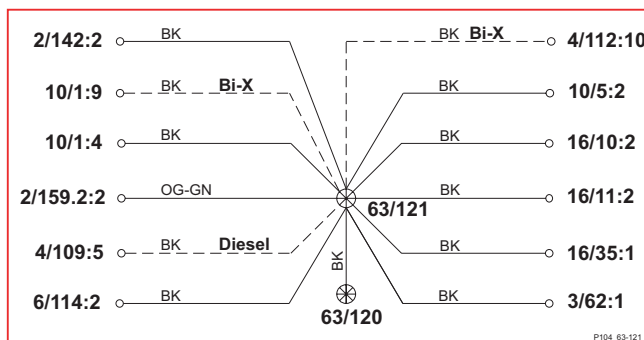
63/120



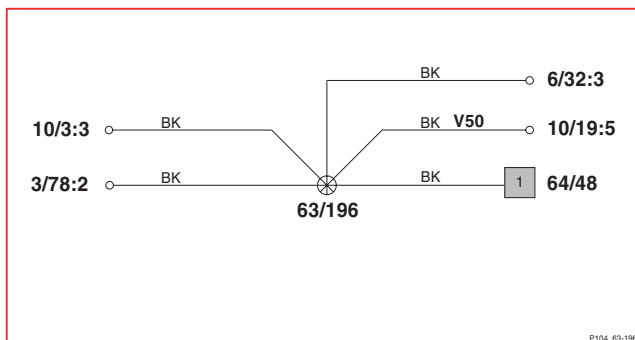
63/192A



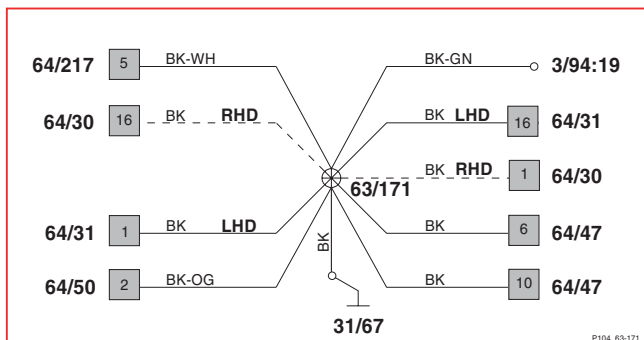
63/121



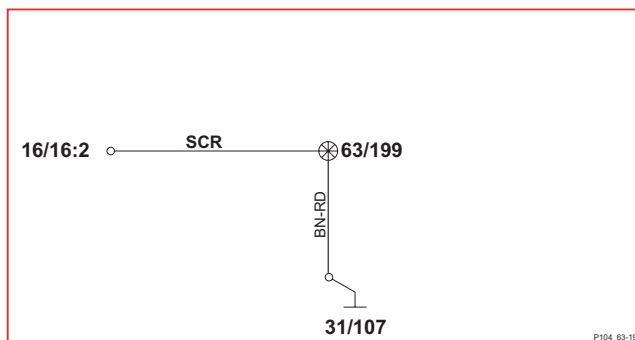
63/196



63/171

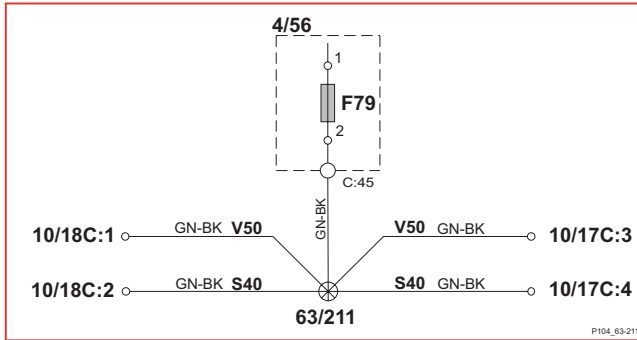


63/199

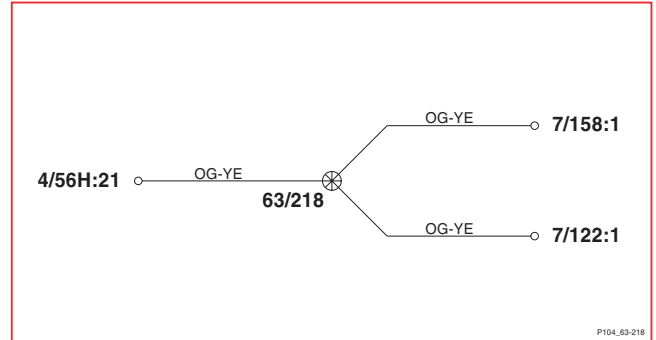


Branching points 63/211 - 63/223

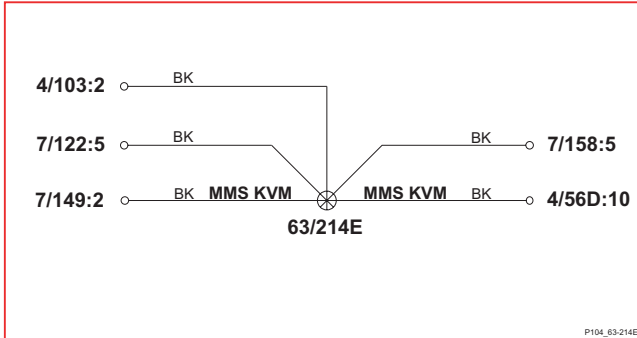
63/211



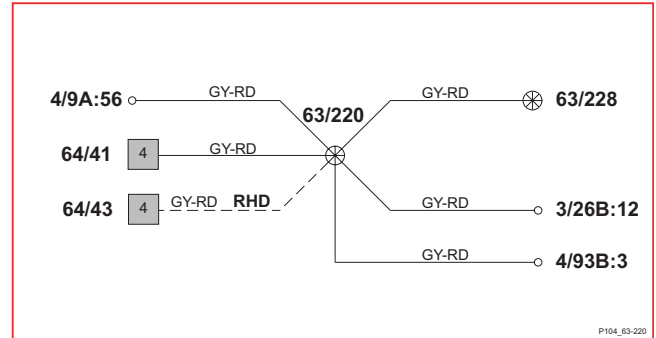
63/218 V50



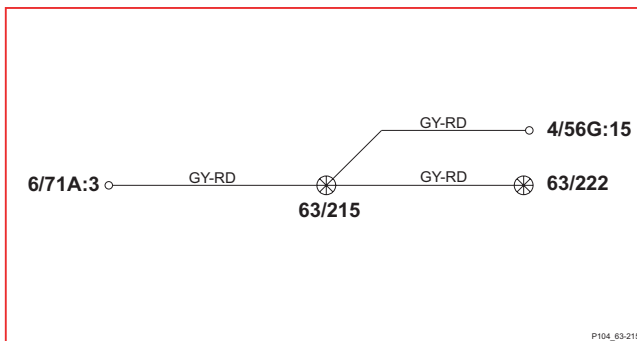
63/214E V50



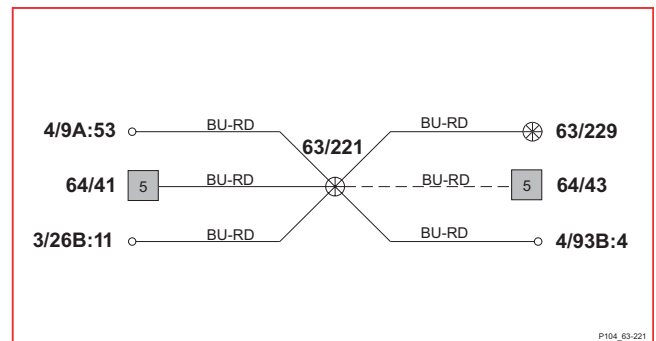
63/220



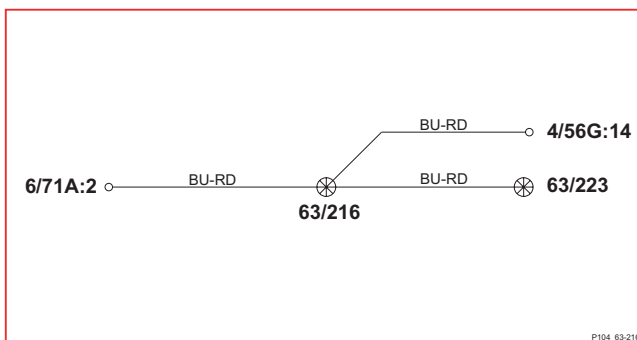
63/215



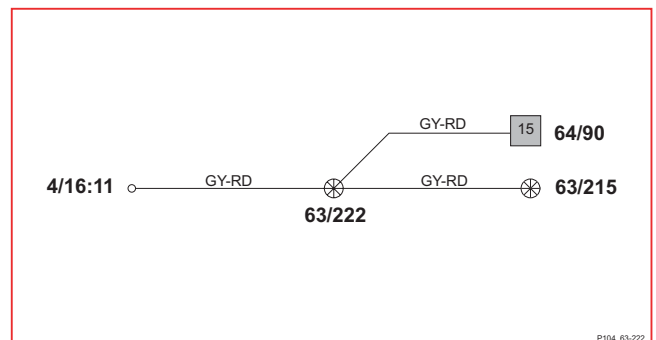
63/221



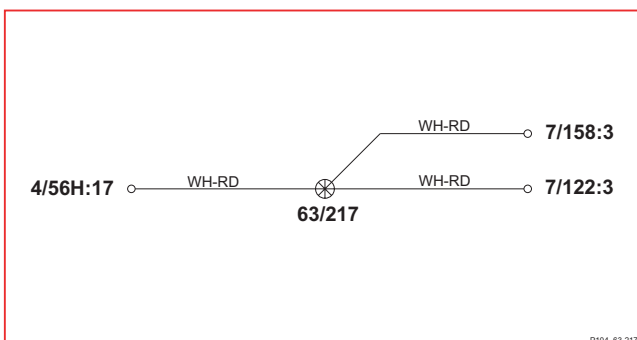
63/216



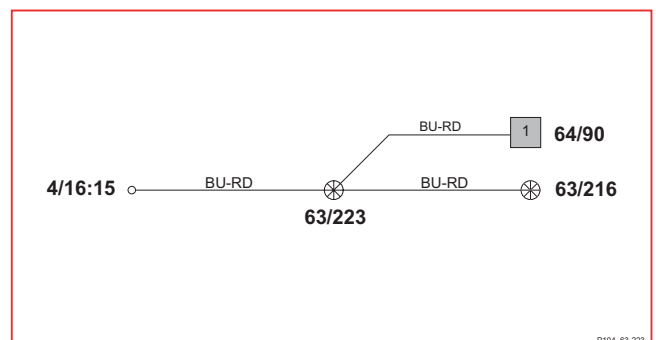
63/222



63/217 V50

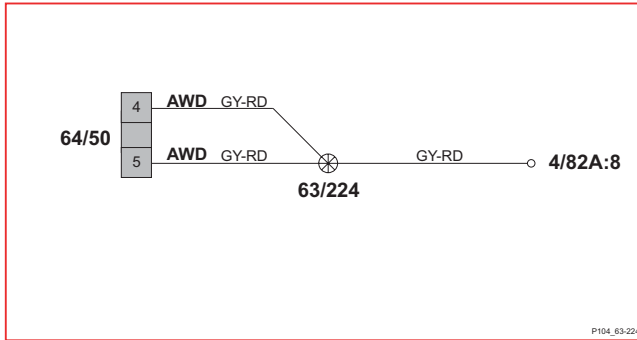


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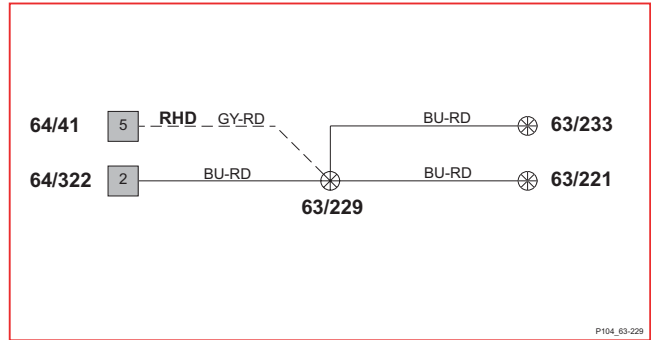


Branching points 63/224 - 63/339G

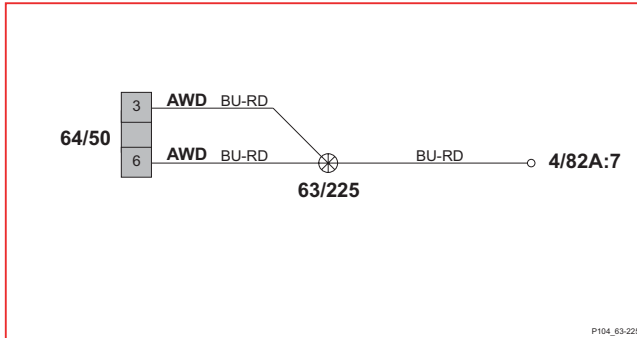
63/224



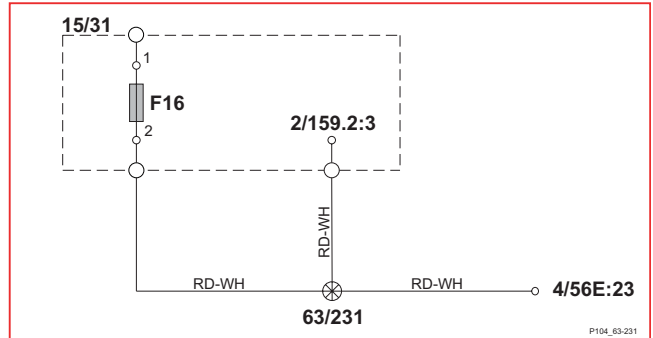
63/229



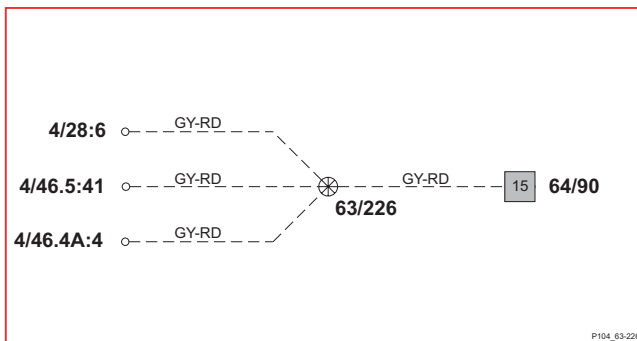
63/225



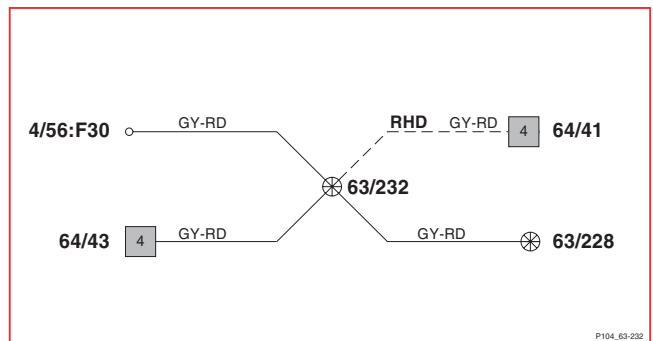
63/231



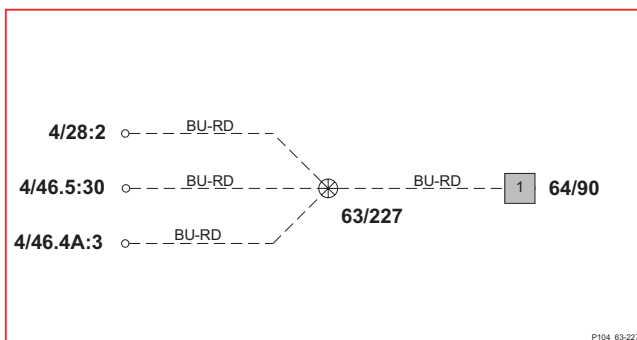
63/226



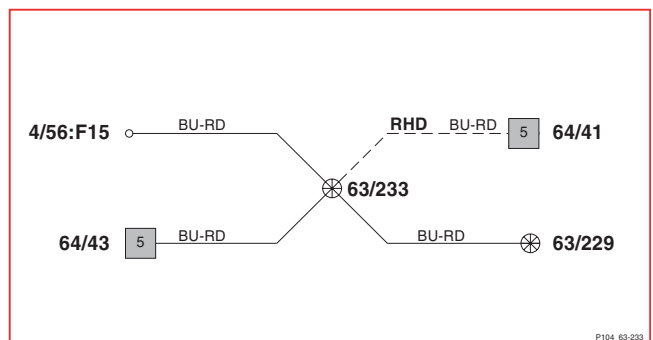
63/232



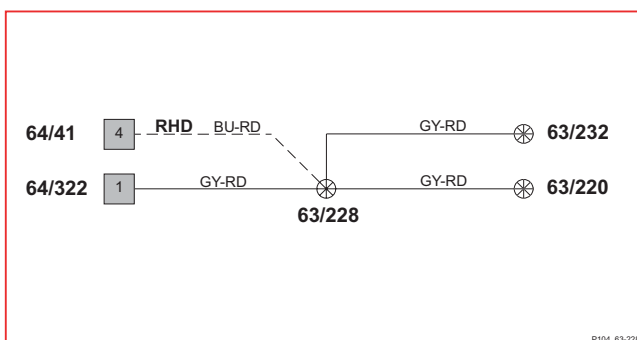
63/227



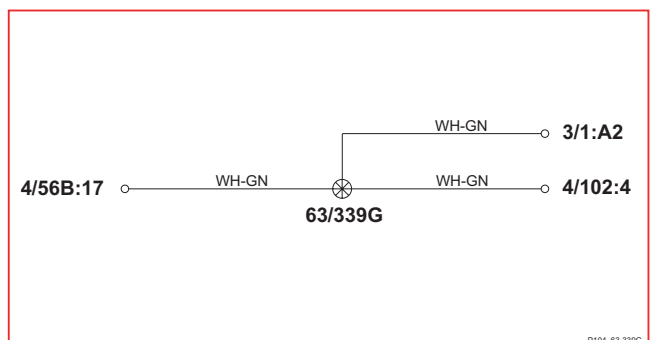
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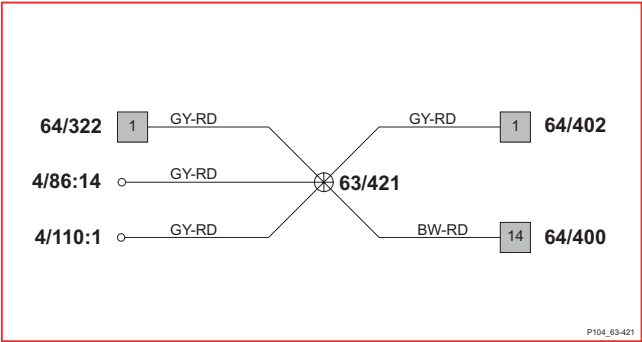
63/339G



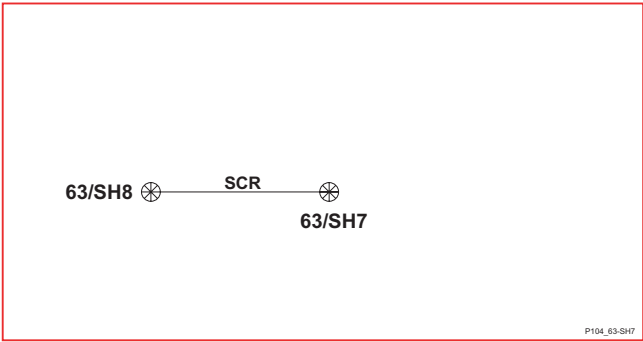
Branching points

63/421 - 63/SH8

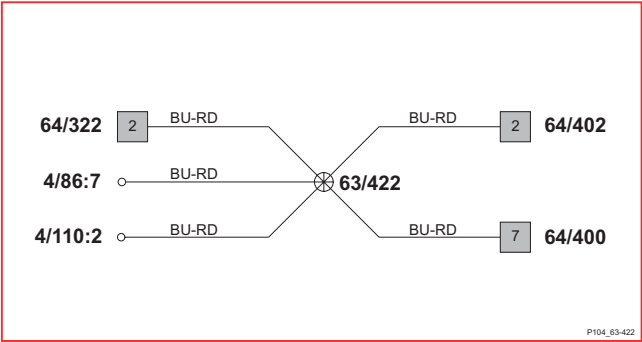
63/421



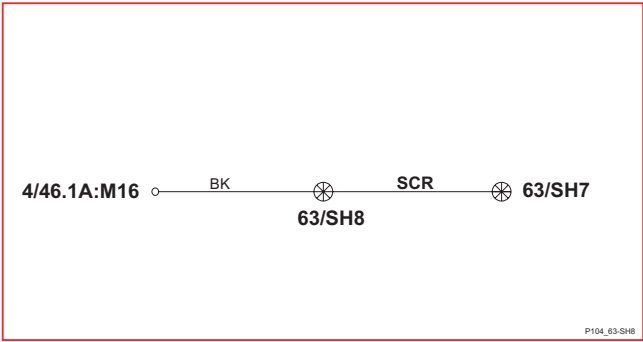
63/SH7



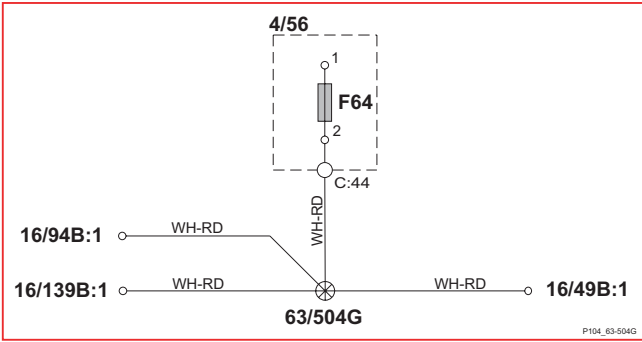
63/422



63/SH8



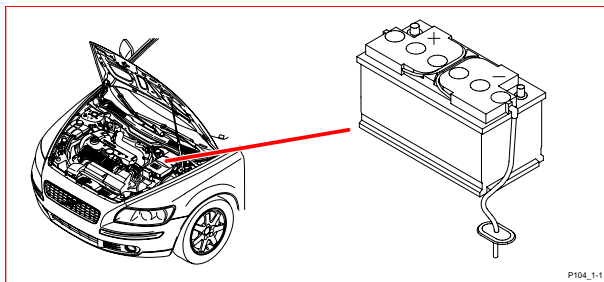
63/504G



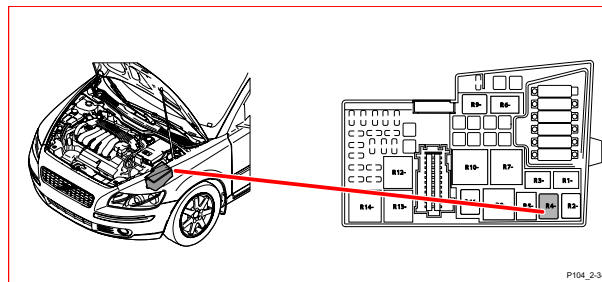
Component illustrations

1/1 - 2/142

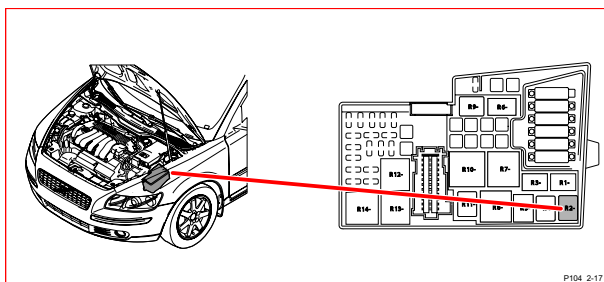
1/1 Battery



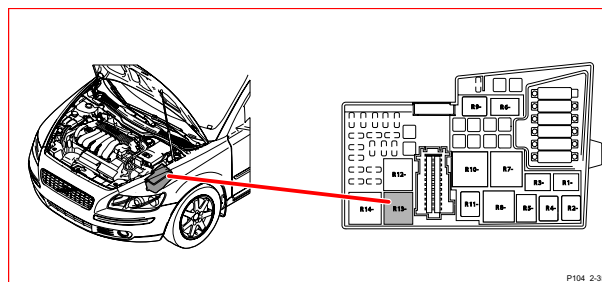
2/34 Relay, front fog lights



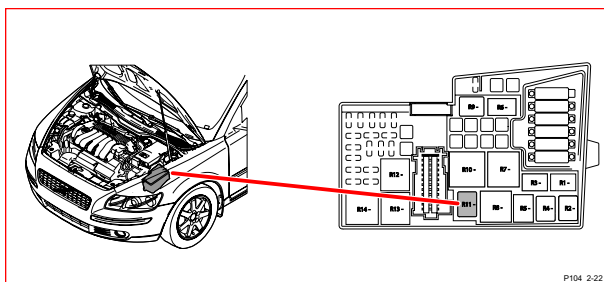
2/17 Relay, horn



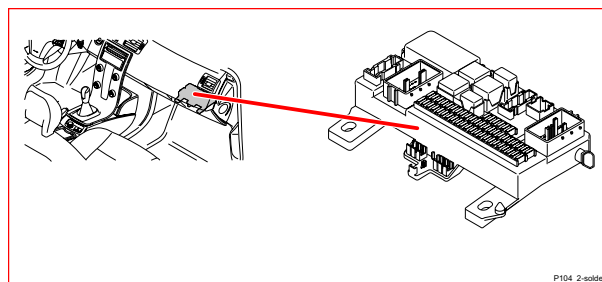
2/35 Relay, starter motor



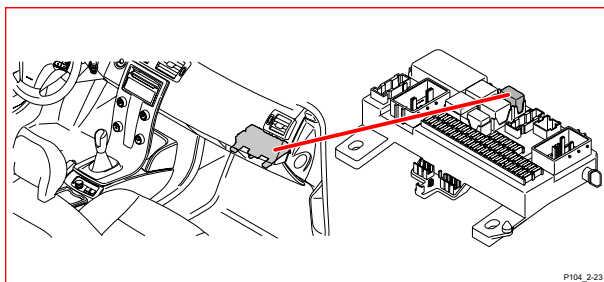
2/22 Relay, climate control system



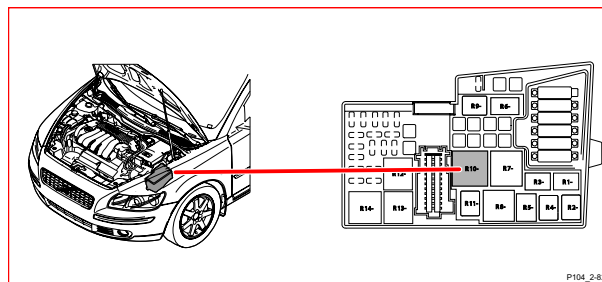
2/80 Relay, reversing lights



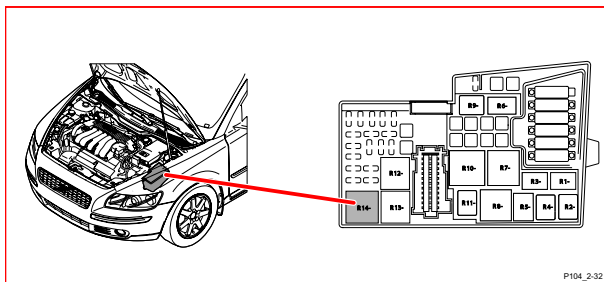
2/23 Relay fuel pump



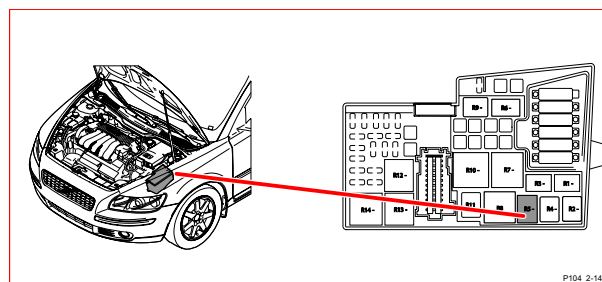
2/82 Relay, heated rear window



2/32 Main relay, engine management system



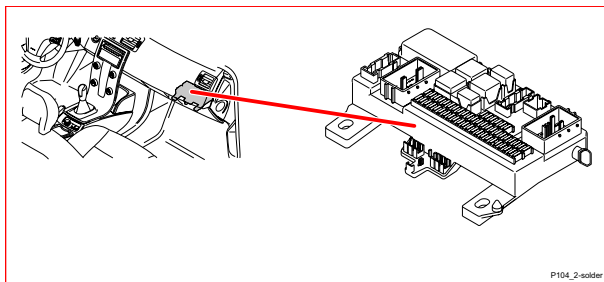
2/142 Relay, pre-heater, fuel filter



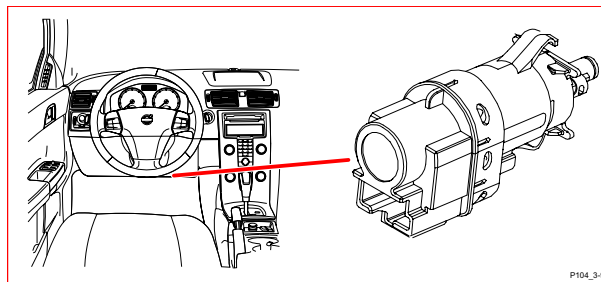
Component illustrations

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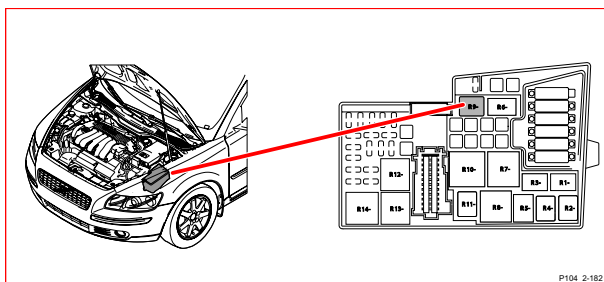
2/159 Relay, infotainment



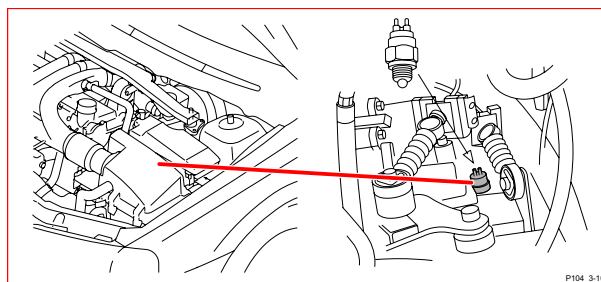
3/9 Contact brake light



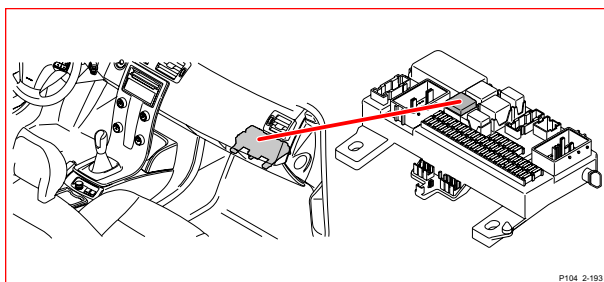
2/182 Relay, headlight washer motor



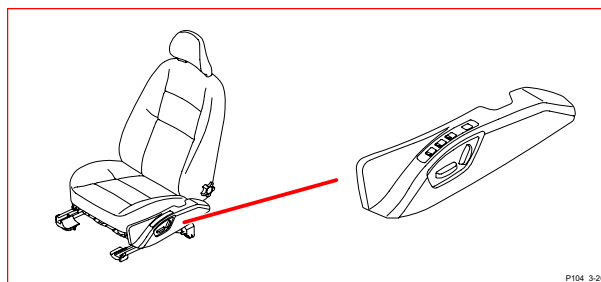
3/10 Reversing light contact



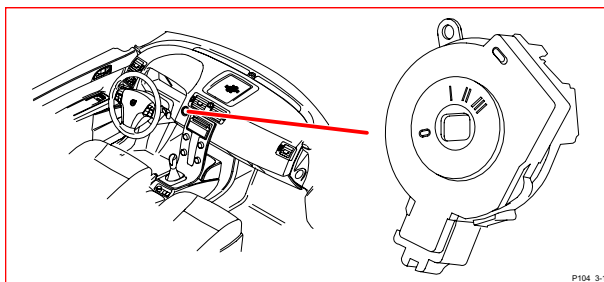
2/193 Relay, comfort functions



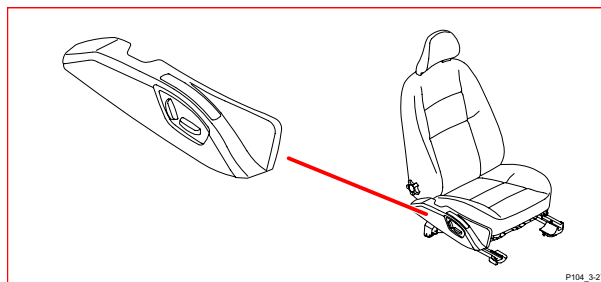
3/26 Switch unit, power driver's seat



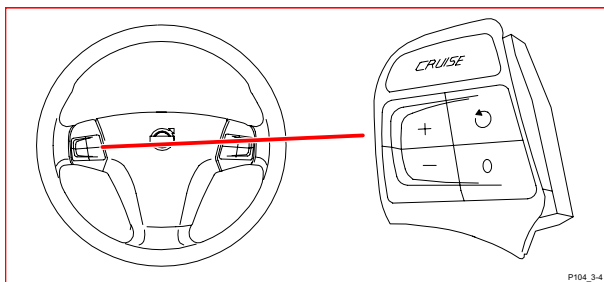
3/1 Ignition switch



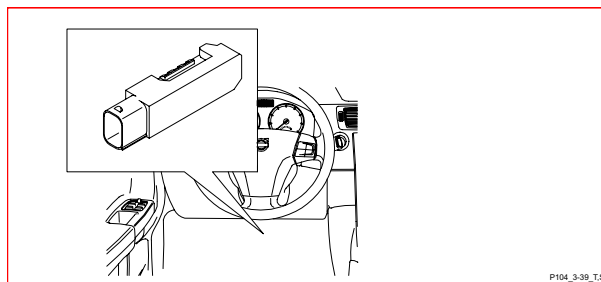
3/27 Switch unit, power passenger seat



3/4 Control unit, cruise control (SWS)



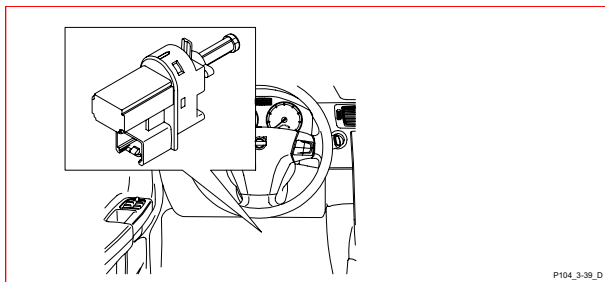
3/39 Contact clutch pedal, Gasoline



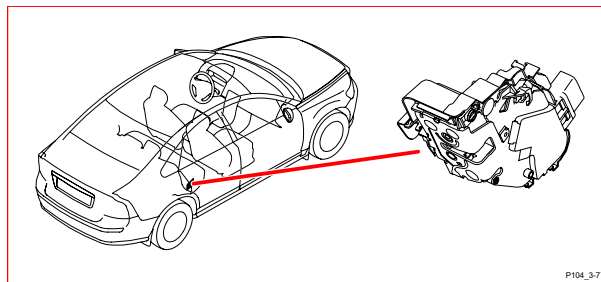
Component illustrations

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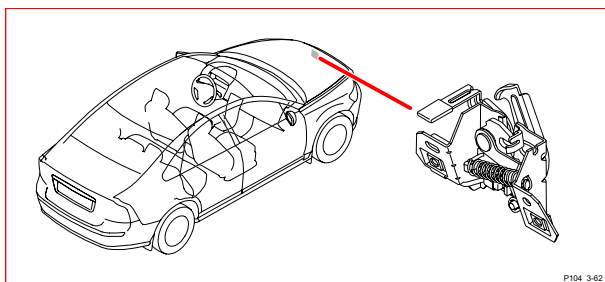
3/39 Contact clutch pedal, Diesel



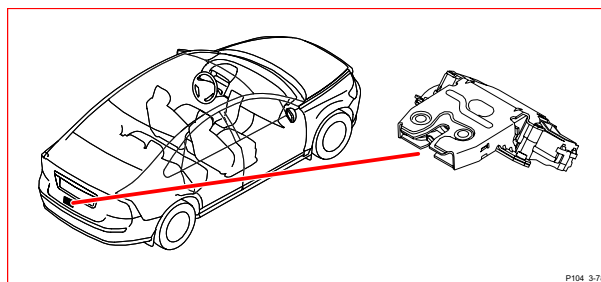
3/77 Lock unit, right rear door



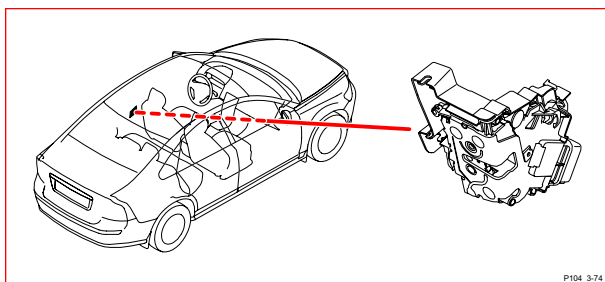
3/62 Hood alarm contact



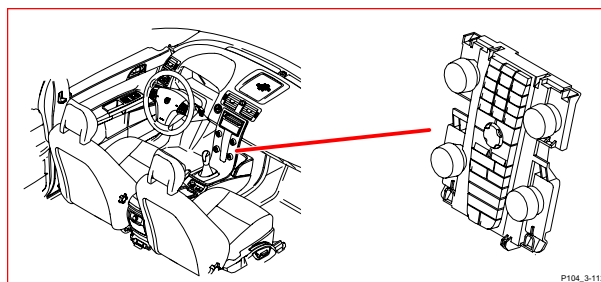
3/78 Lock unit, trunk lid/tailgate



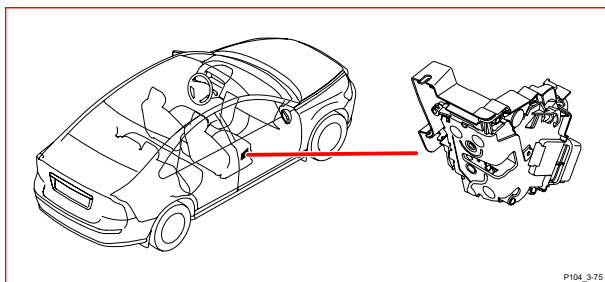
3/74 Lock unit, driver's door



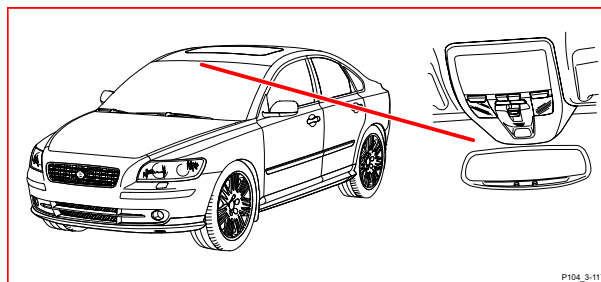
3/112 Climate Control Module (CCM)



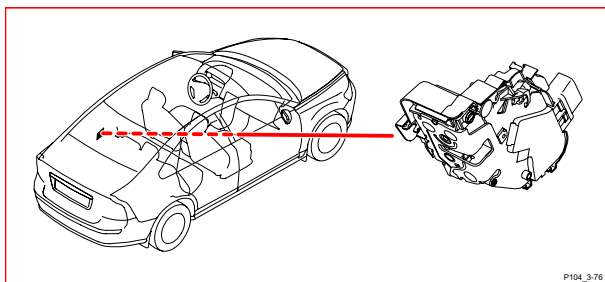
3/75 Lock unit, passenger door



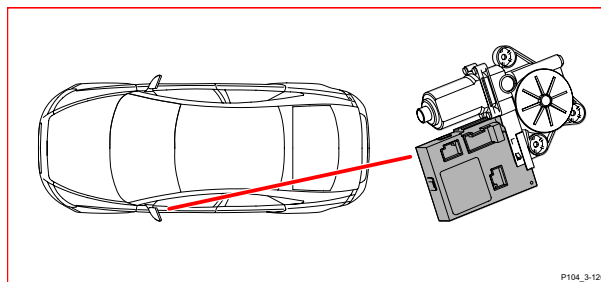
3/117 Switch unit, ceiling light



3/76 Lock unit, left rear door



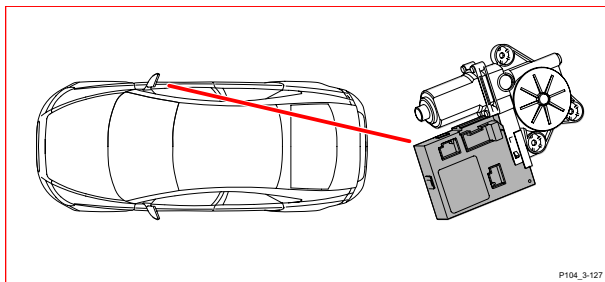
3/126 Driver's Door Module (DDM)



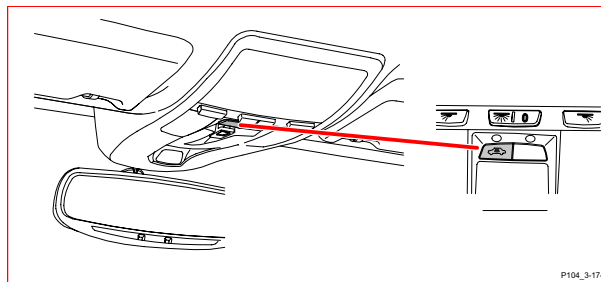
Component illustrations

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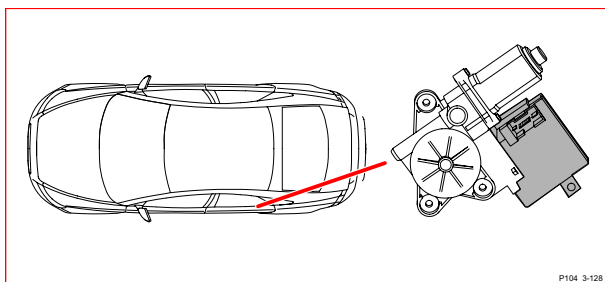
3/127 Passenger Door Module (PDM)



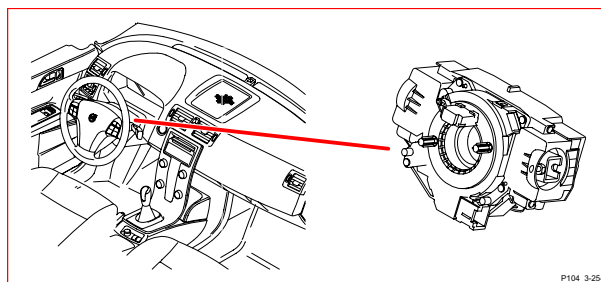
3/174 Switch, reduced alarm



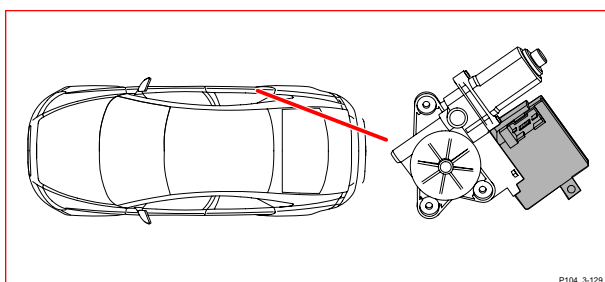
3/128 Left Rear Door Module (LDM)



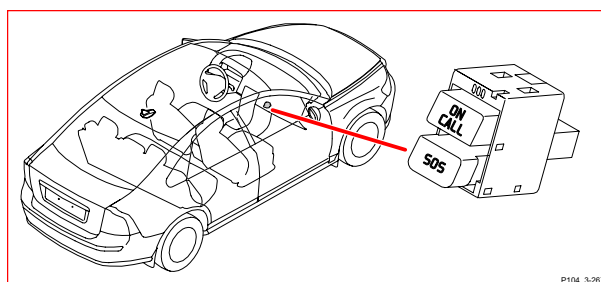
3/254 Steering Wheel Module (SWM)



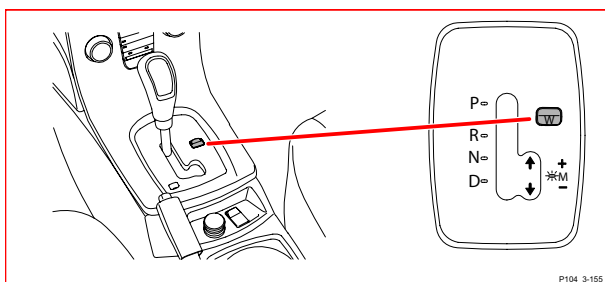
3/129 Right Rear Door Module (RDM)



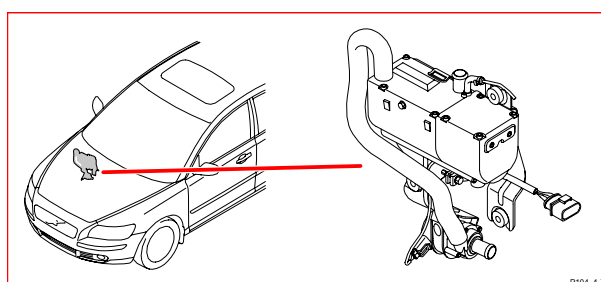
3/267 Control unit, telematics



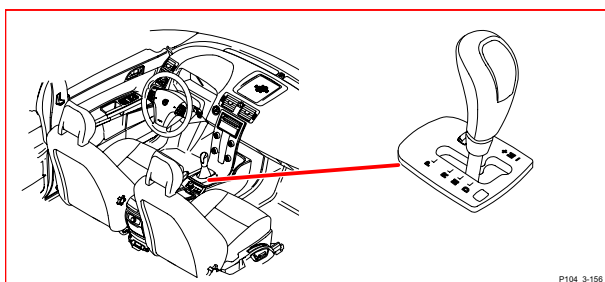
3/155 Program selector, automatic transmission



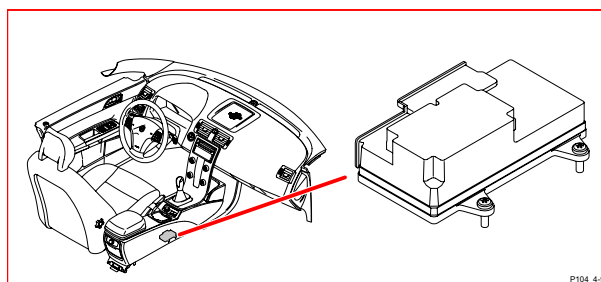
4/7 Combustion Preheater Module (CPM)



3/156 Gear Selector Module (GSM)



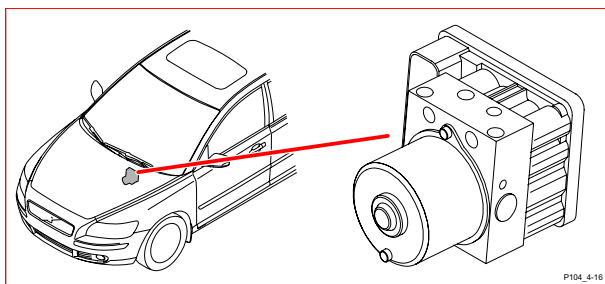
4/9 Supplemental Restraint System Module (SRS)



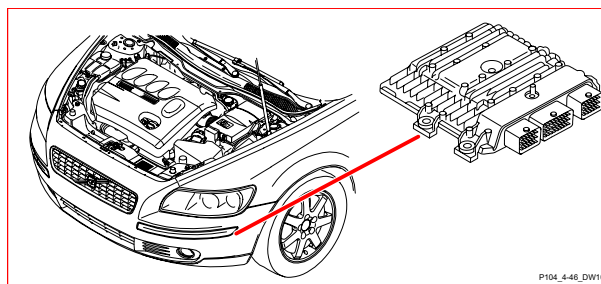
Component illustrations

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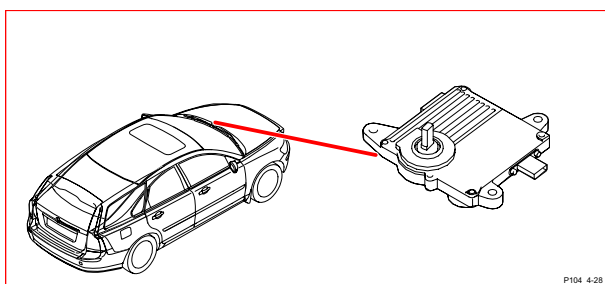
4/16 Brake Control Module (BCM)



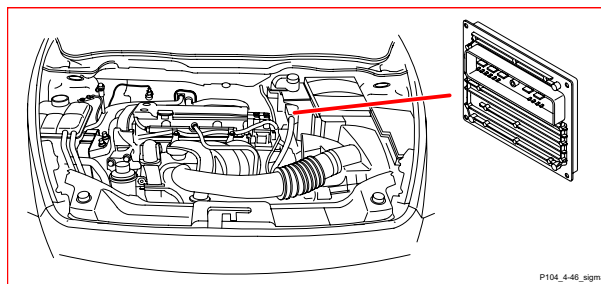
4/46.2 Engine Control Module (ECM), DW10



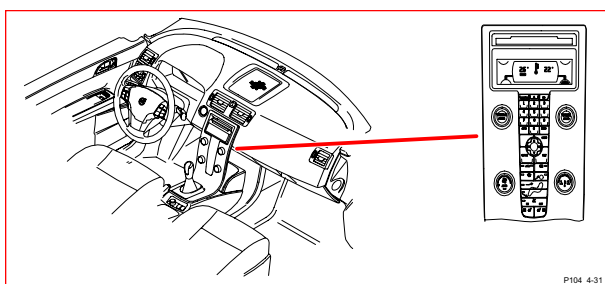
4/28 Transmission Control Module (TCM)



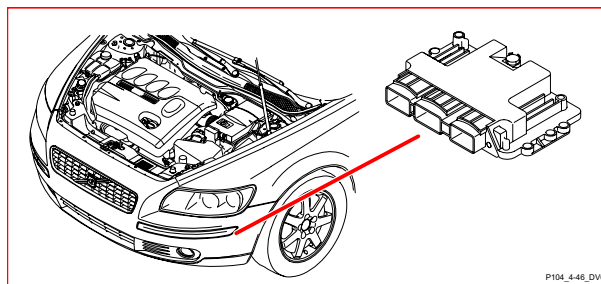
4/46.3 Engine Control Module (ECM), 4-cyl. 1.6l



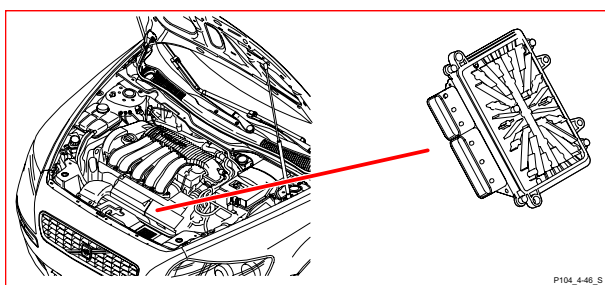
4/31 Fan control module



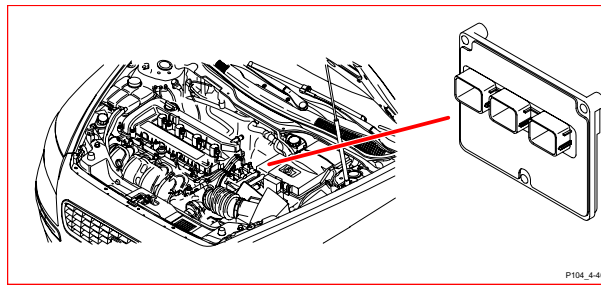
4/46.4 Engine Control Module (ECM), DV6



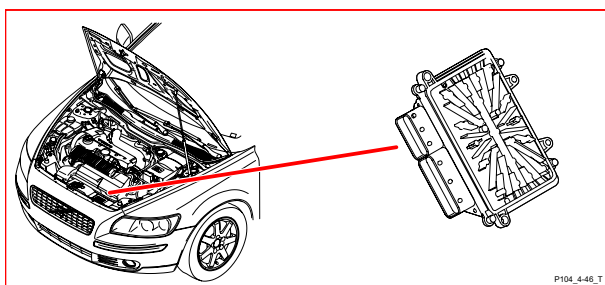
4/46.1 Engine Control Module (ECM), 5-cyl.



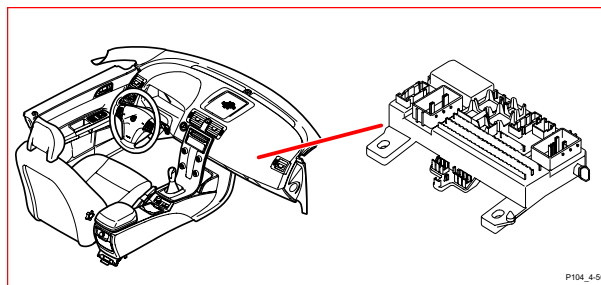
4/46.5 Engine Control Module (ECM), 4-cyl. 1.8l



4/46.1 Engine Control Module (ECM), 5-cyl. Turbo



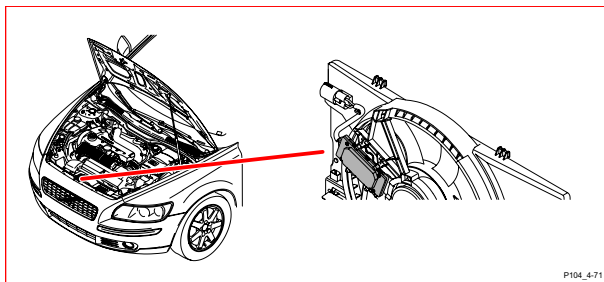
4/56 Central Electronic Module (CEM)



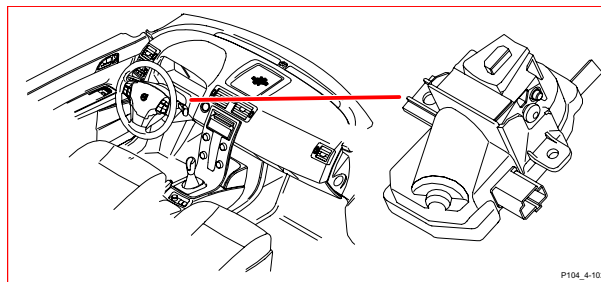
Component illustrations

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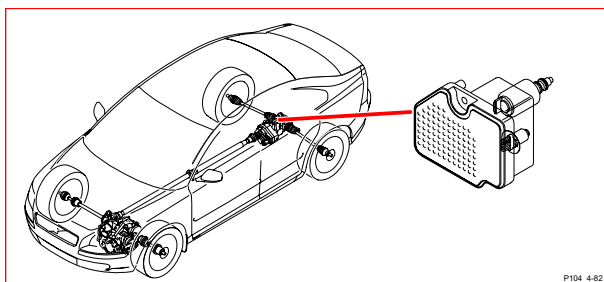
4/71 Cooling fan control module



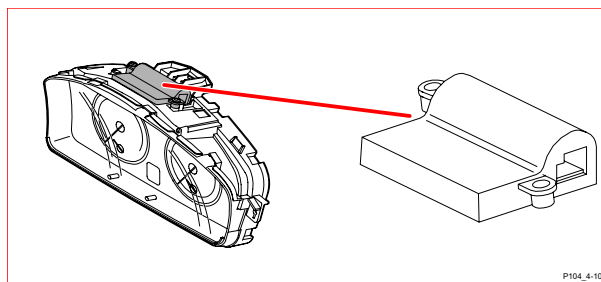
4/102 Steering Column Lock Module (SCL)



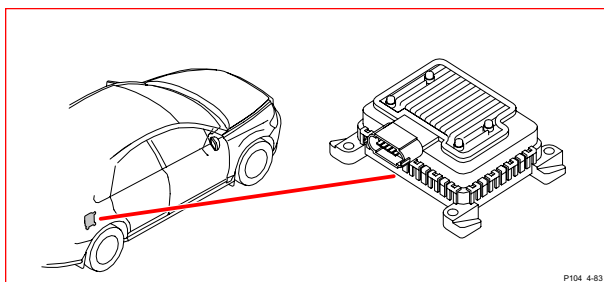
4/82 Differential Electronic Module (DEM)



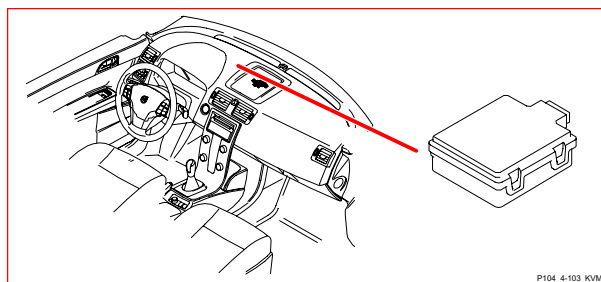
4/103 Remote Entry (RRX)



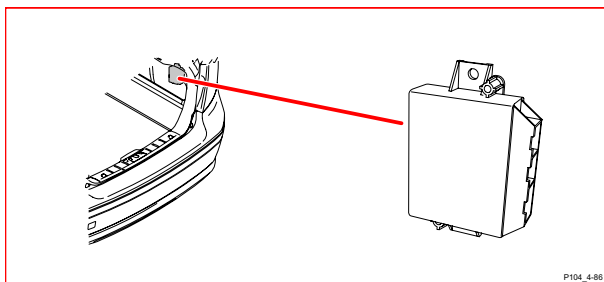
4/83 Control module fuel pump



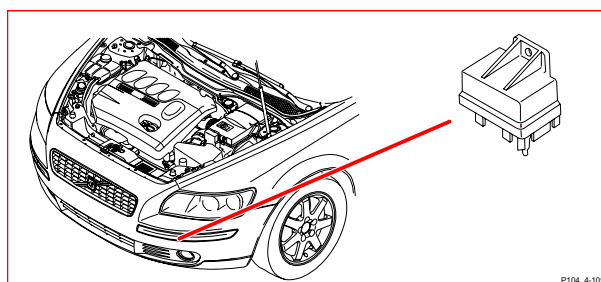
4/103 Remote Entry (RRX), Keyless vehicle



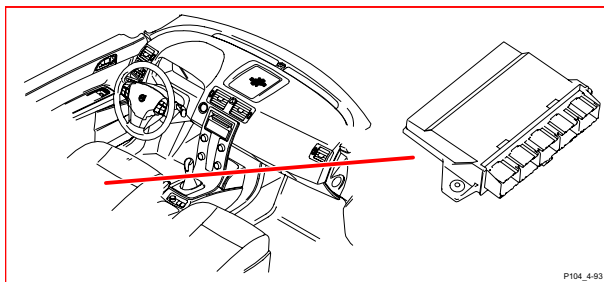
4/86 Control module, Parking Assistance Module (PAM)



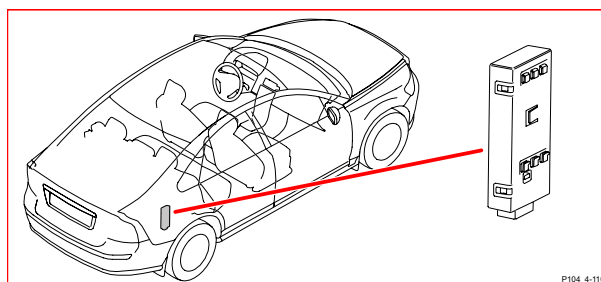
4/109 Glow plug control module



4/93 Keyless Vehicle Module (KVM)



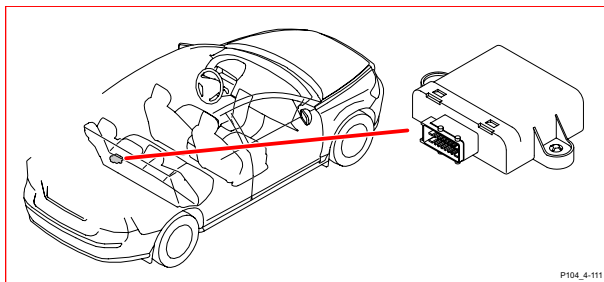
4/110 Trailer Module (TRM)



Component illustrations

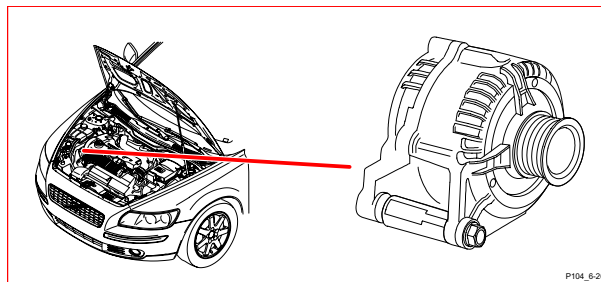
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4/111 Additive Dosing Module (ADM)



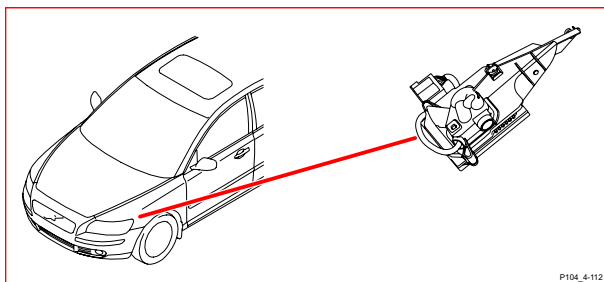
P104_4-111

6/26 Generator



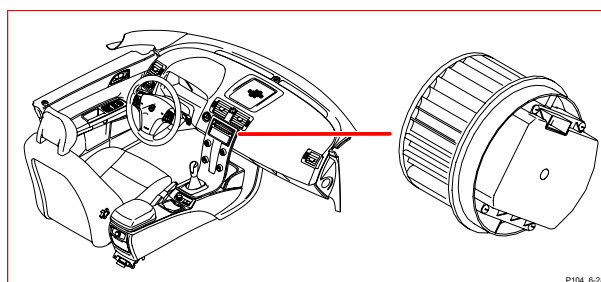
P104_6-26

4/112 Control module, gas discharge lamp master, left



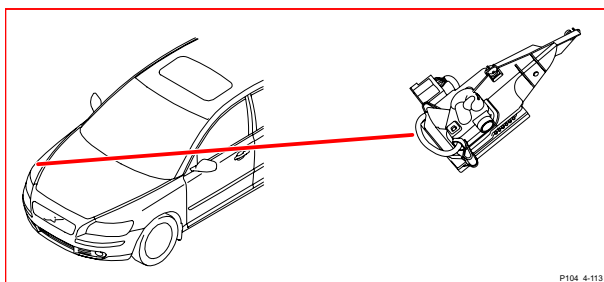
P104_4-112

6/28 Motor, passenger compartment fan



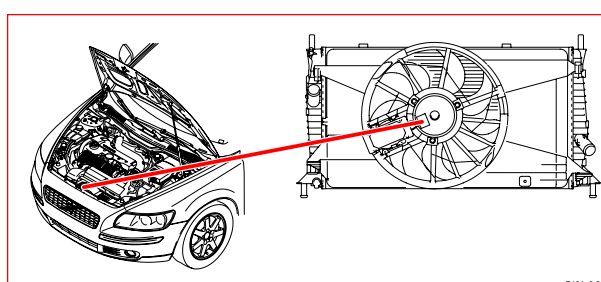
P104_6-28

4/113 Control module, gas discharge lamp slave, right



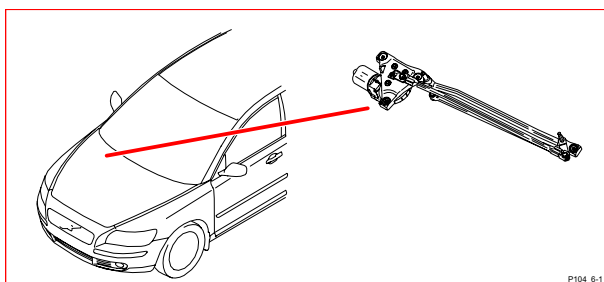
P104_4-113

6/29 Motor, electric cooling fan



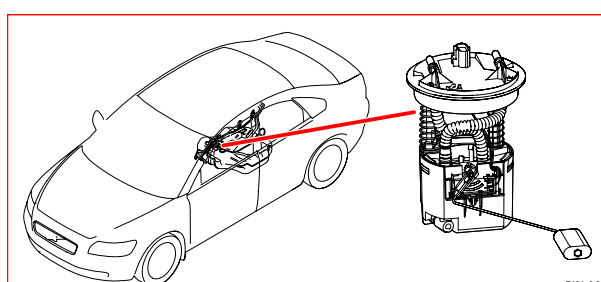
P104_6-29

6/1 Wiper Motor Module (WMM)



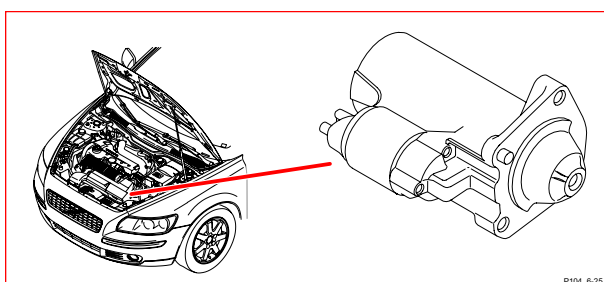
P104_6-1

6/33 Fuel pump



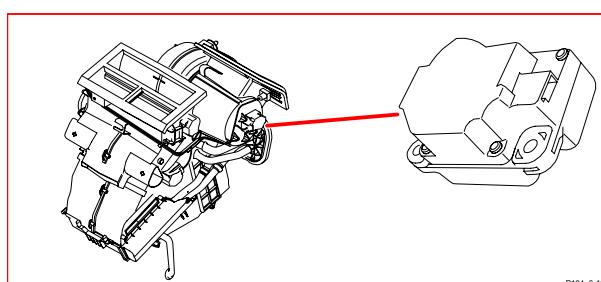
P104_6-33

6/25 Starter motor



P104_6-25

6/48 Damper Motor Module (DMM), recirculation

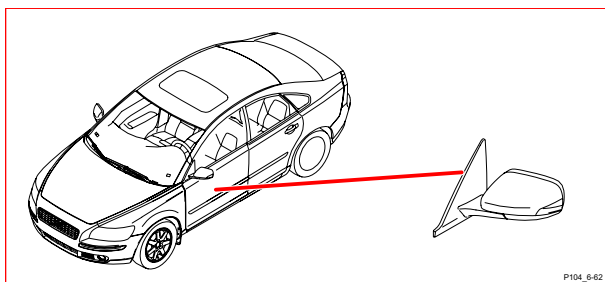


P104_6-48

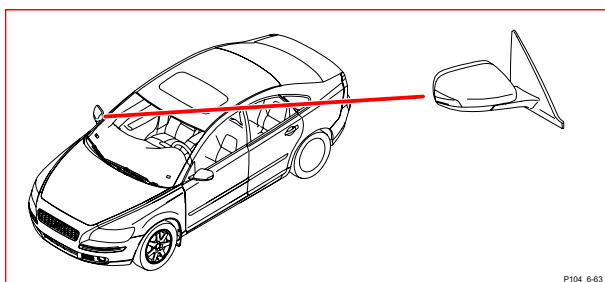
Component illustrations

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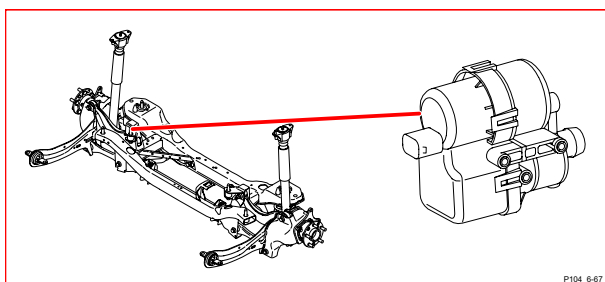
6/62 Power rear-view mirror driver's door



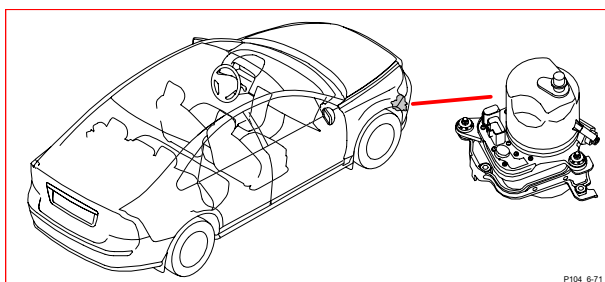
6/63 Power rear-view mirror passenger door



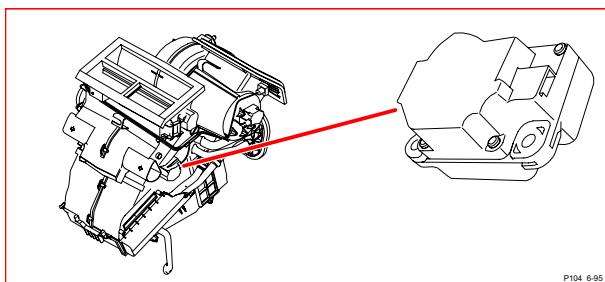
6/67 Pump, fuel leakage control



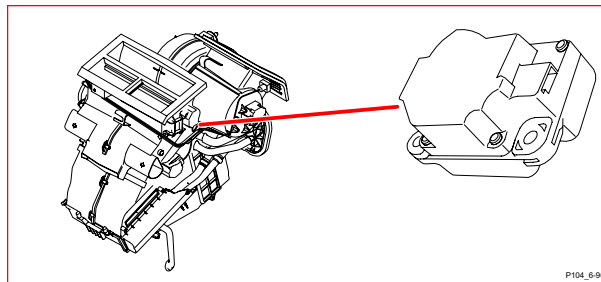
6/71 Electrical Power Steering Module (EPS)



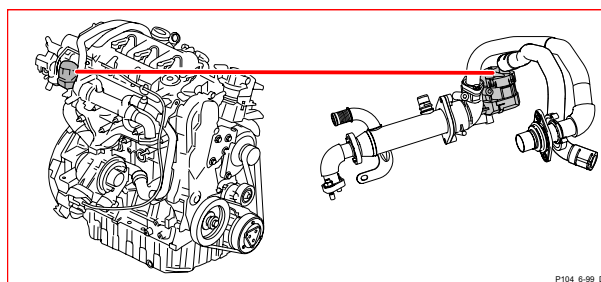
6/95 Damper Motor Module (DMM), temperature, left-hand side



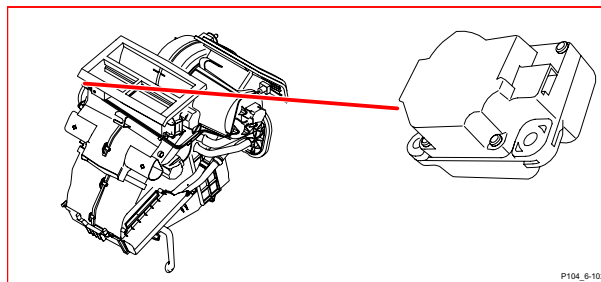
6/96 Damper Motor Module (DMM), temperature, right-hand side



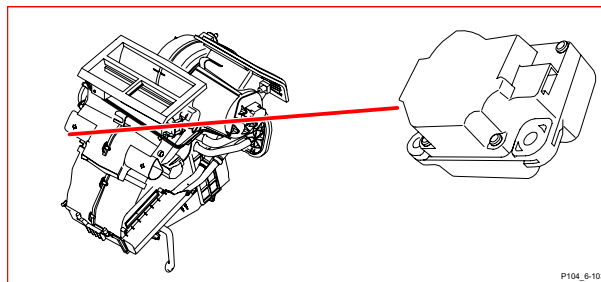
6/99 Engine EGR



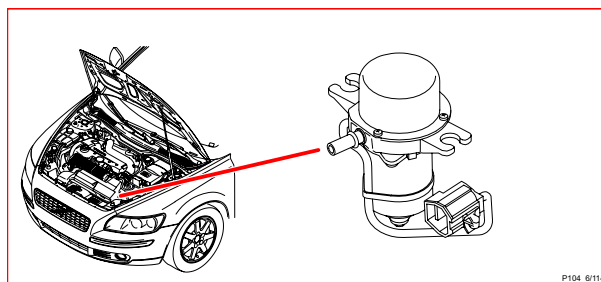
6/102 Damper Motor Module (DMM), defroster



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



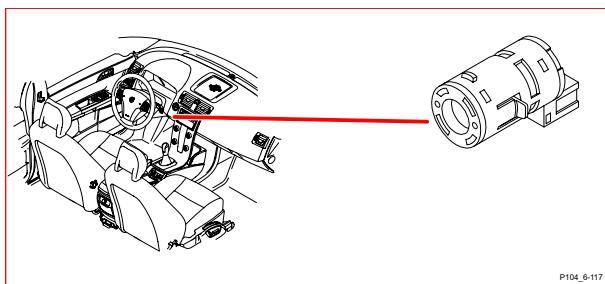
6/114 Vacuum pump



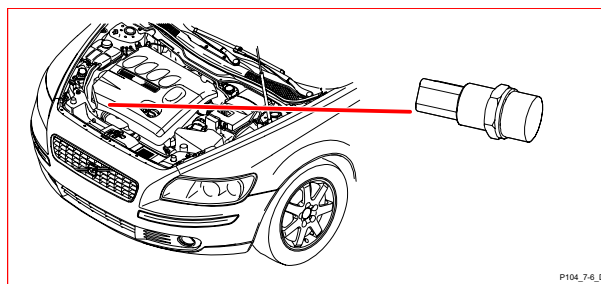
Component illustrations

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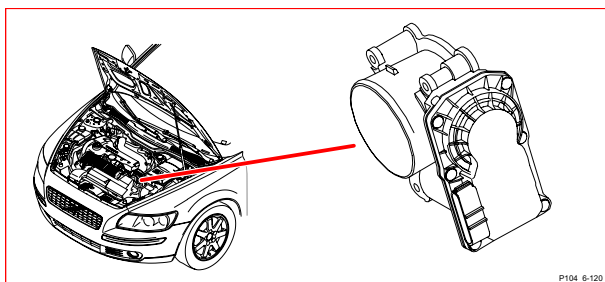
6/117 Interior temperature sensor



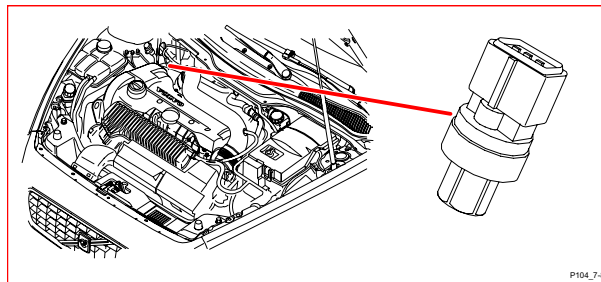
7/6 Oil pressure monitor, Diesel



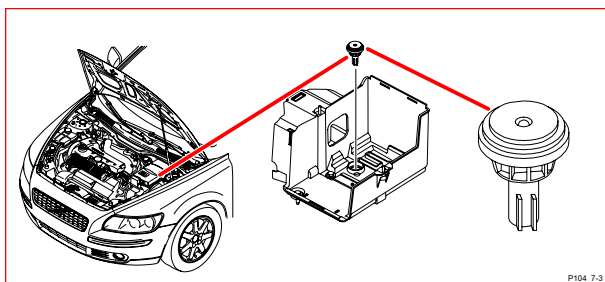
6/120 Engine throttle body



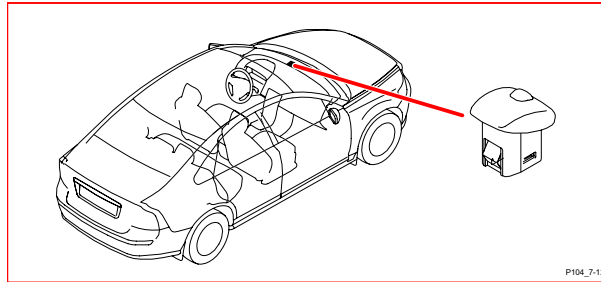
7/8 Pressure sensor, climate control system



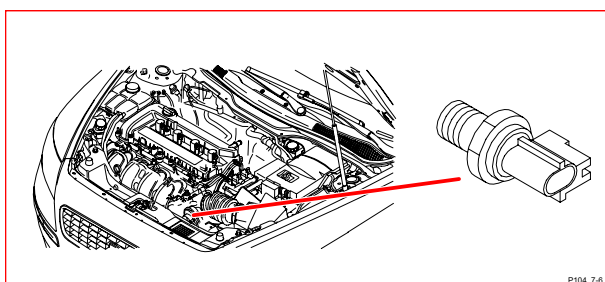
7/3 Temperature sensor battery



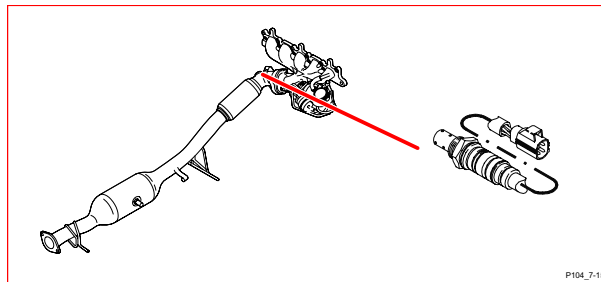
7/12 Solar sensor, twilight sensor and indicator alarm



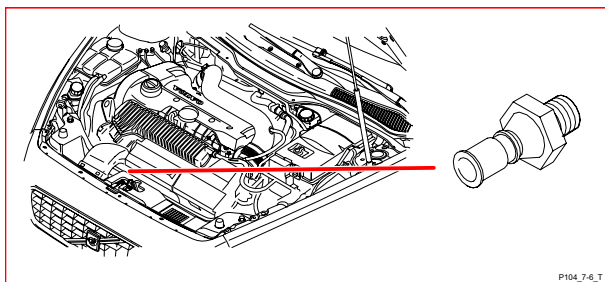
7/6 Oil pressure switch, 4-cyl.



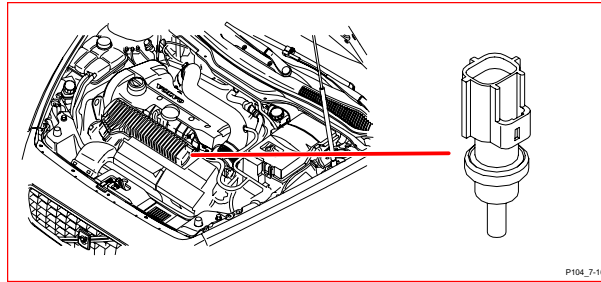
7/15 Heated oxygen sensor, front



7/6 Oil pressure monitor, Turbo



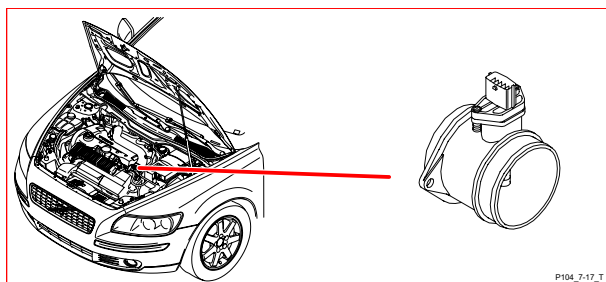
7/16 Sensor, coolant temperature



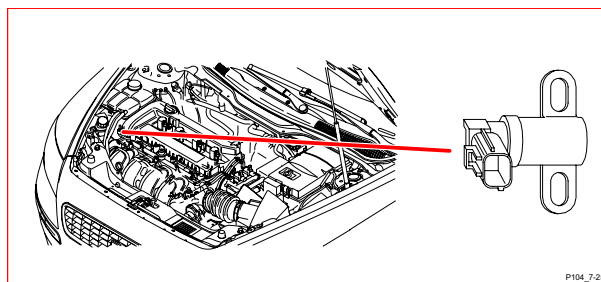
Component illustrations

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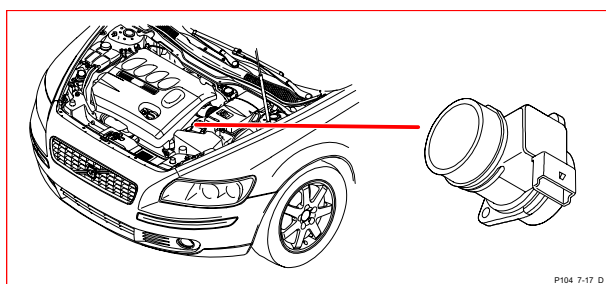
7/17 Mass air flow sensor MAF, Turbo



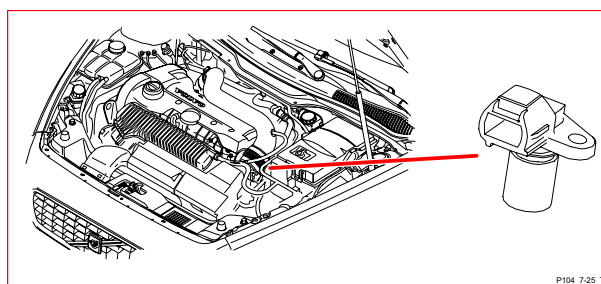
7/25 Impulse sensor, 4-cyl.



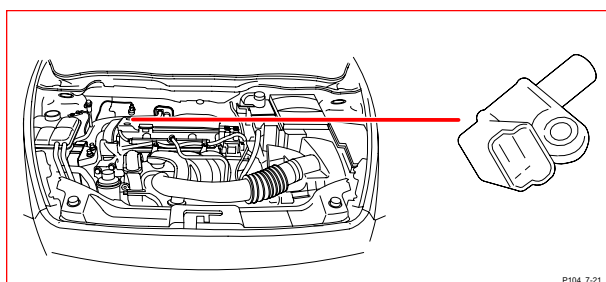
7/17 Mass airflow sensor MAF, Diesel



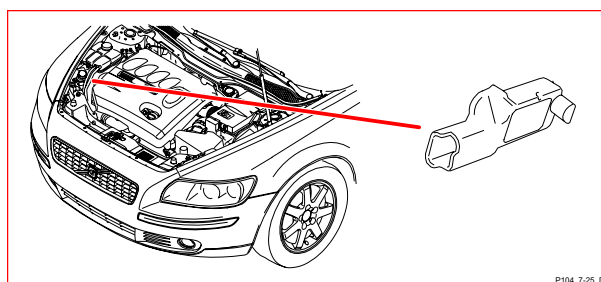
7/25 Impulse sensor, Turbo



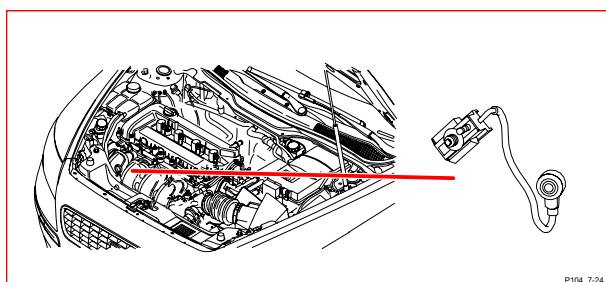
7/21 Camshaft position sensor



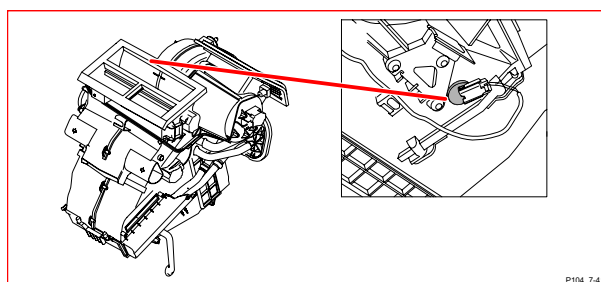
7/25 Impulse sensor, Diesel



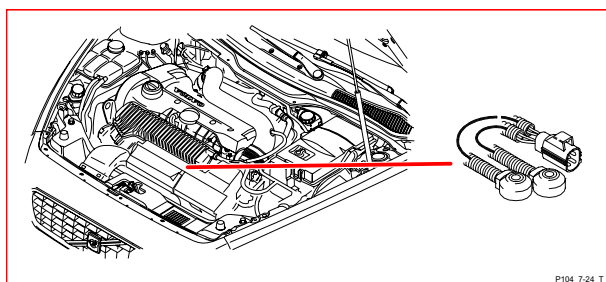
7/24 Front knock sensor, 4-cyl.



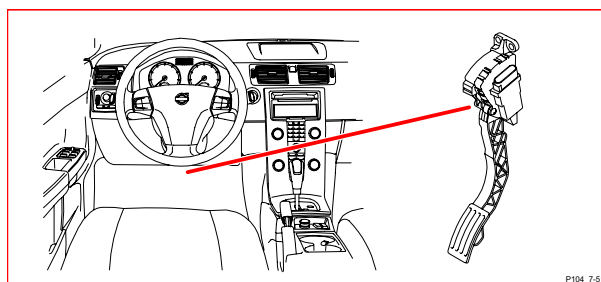
7/41 Temperature sensor evaporator



7/24 Knock sensor front, Turbo



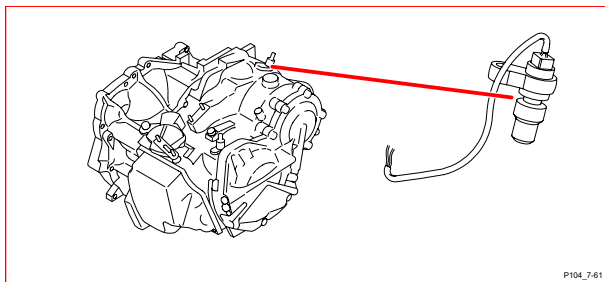
7/51 Accelerator pedal sensor



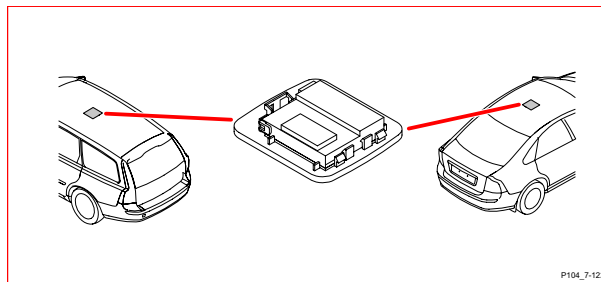
Component illustrations

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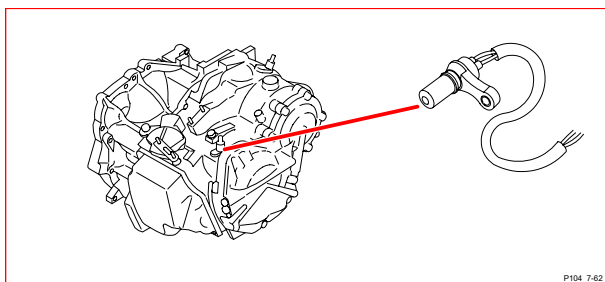
7/61 Sensor input speed



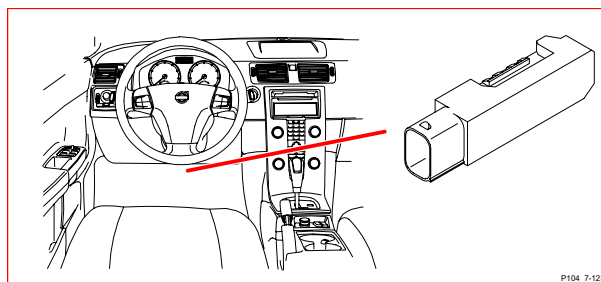
7/122 Mass movement sensor, front



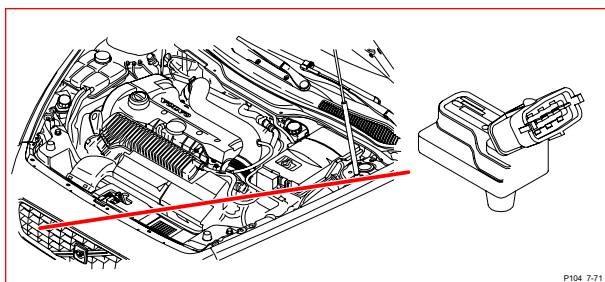
7/62 Sensor output speed



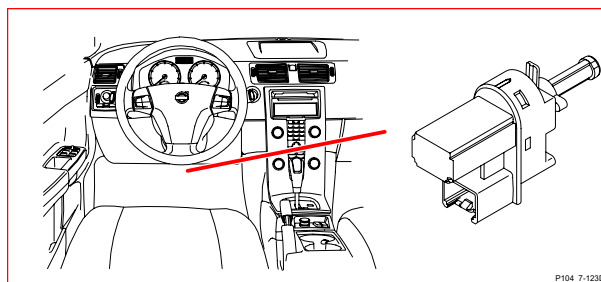
7/123 Sensor clutch pedal, Gasoline



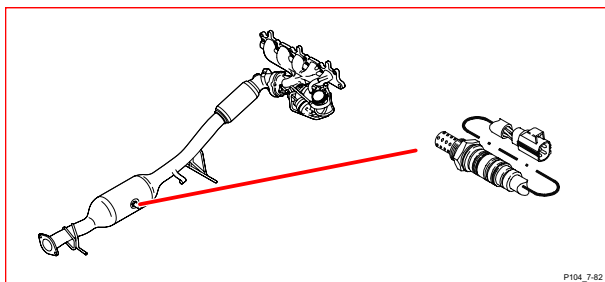
7/71 Sensor boost pressure



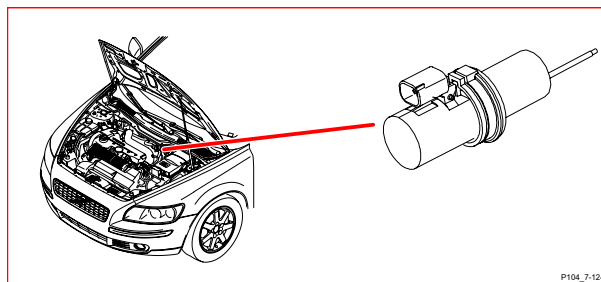
7/123 Sensor clutch pedal, Diesel



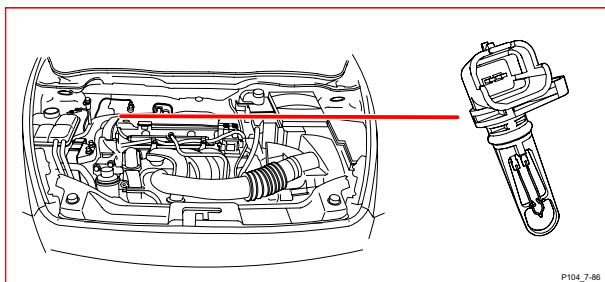
7/82 Heated oxygen sensor, rear



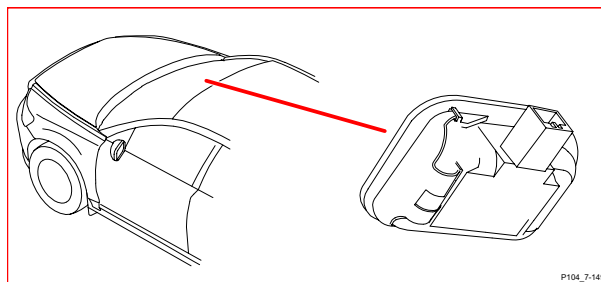
7/124 Sensor brake pedal



7/86 Air temperature sensor, diesel



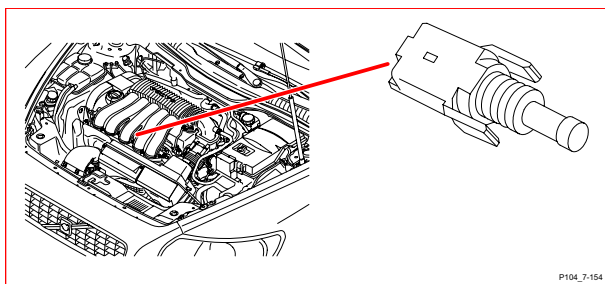
7/149 Rain Sensor Module (RSM)



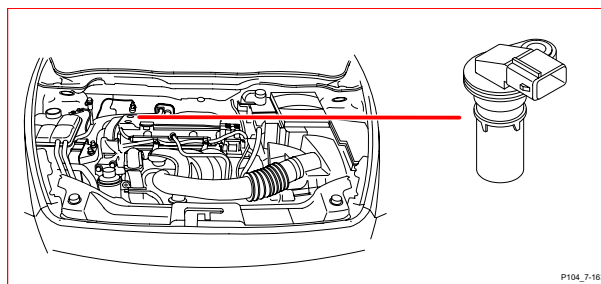
Component illustrations

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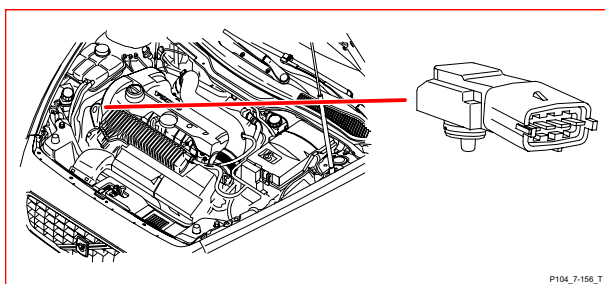
7/154 Sensor fuel temperature



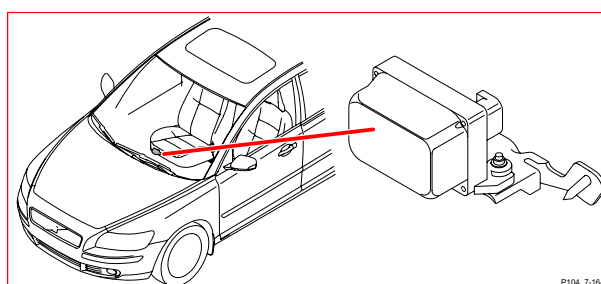
7/163 Camshaft position sensor 2



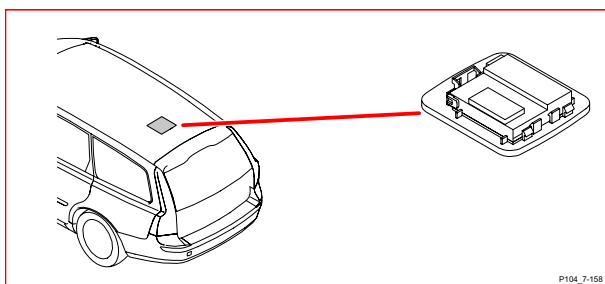
7/156 Pressure and temperature sensor fuel, Turbo



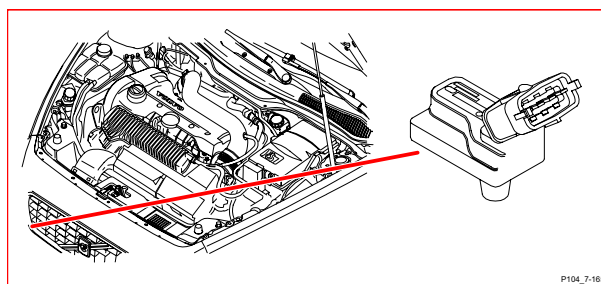
7/164 Body Sensor Cluster (BSC)



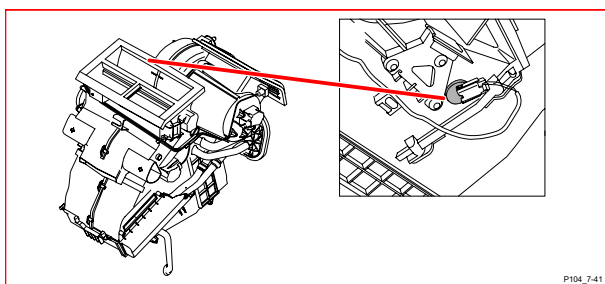
7/158 Mass movement sensor rear



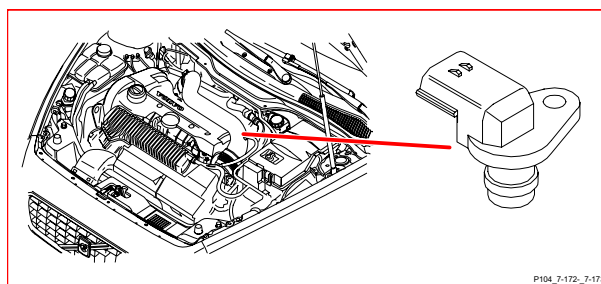
7/165 Pressure and temperature sensor, intake manifold



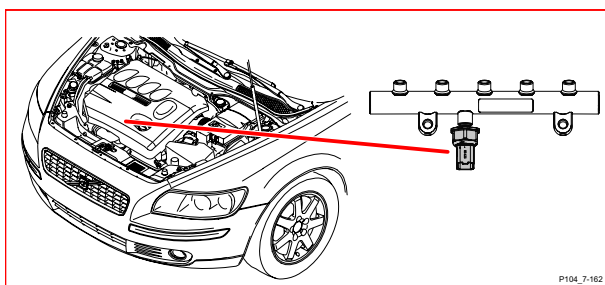
7/159 Air Quality Sensor (AQS)



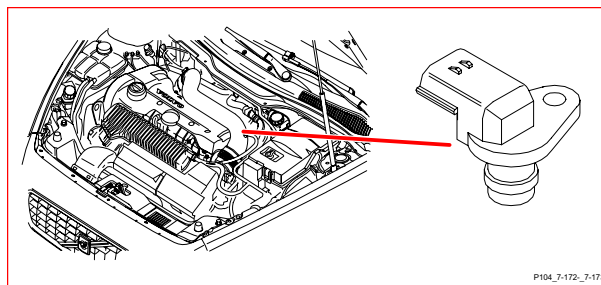
7/172 Position sensor camshaft, intake side



7/162 Pressure sensor, fuel line



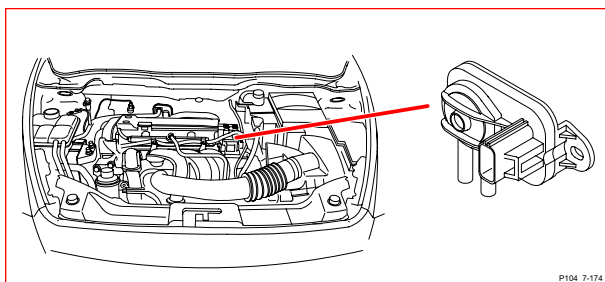
7/173 Position sensor camshaft, exhaust side



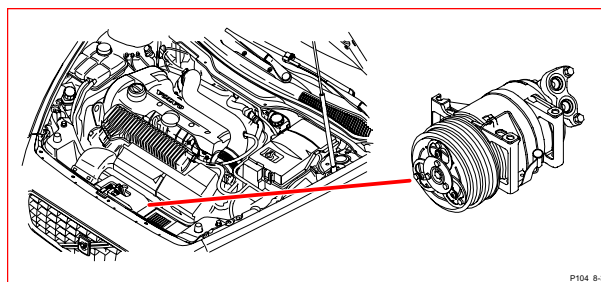
Component illustrations

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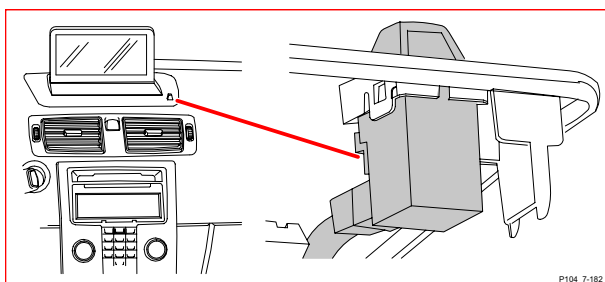
7/174 Differential pressure sensor, particle filter



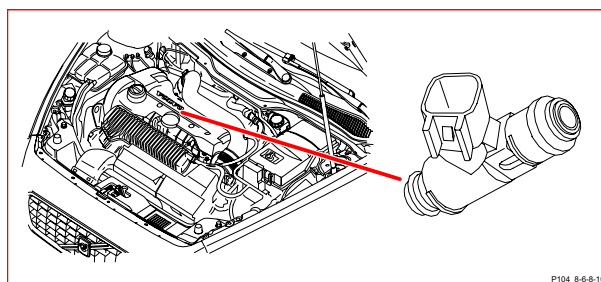
8/3 Electromagnetic clutch, climate control system



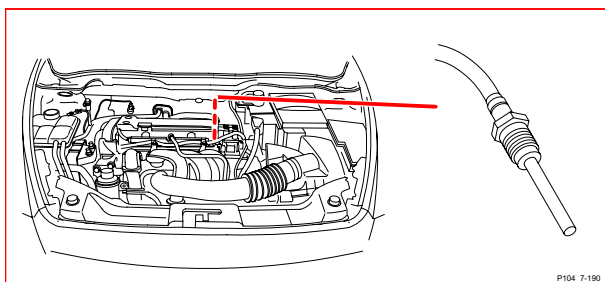
7/182 Remote control IR sensor, RTI



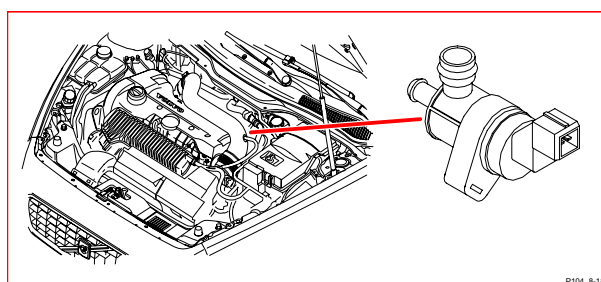
8/6-10 Injection valves



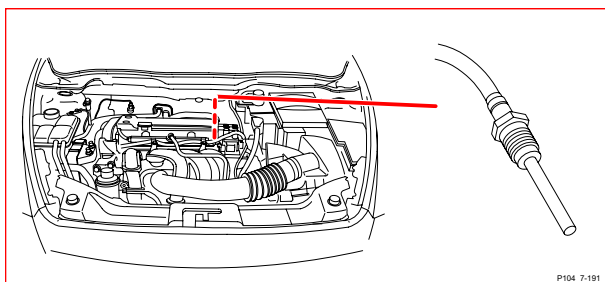
7/190 Temperature sensor, exhaust gases upstream of particle filter



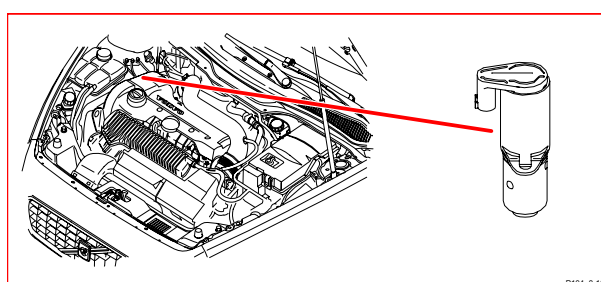
8/18 EVAP valve



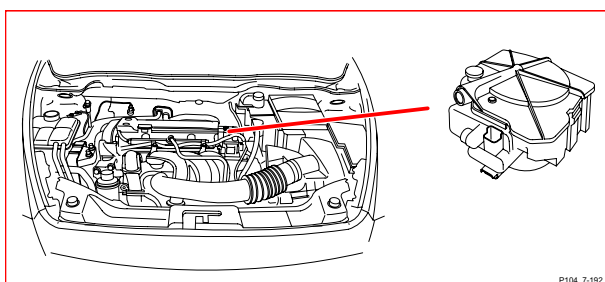
7/191 Temperature sensor, exhaust gases downstream of particle filter



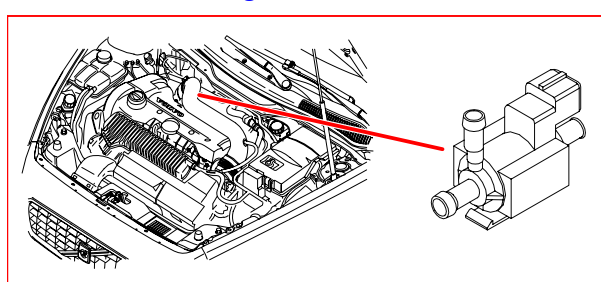
8/19 Solenoid, variable valve timing, intake



7/192 Water detection sensor



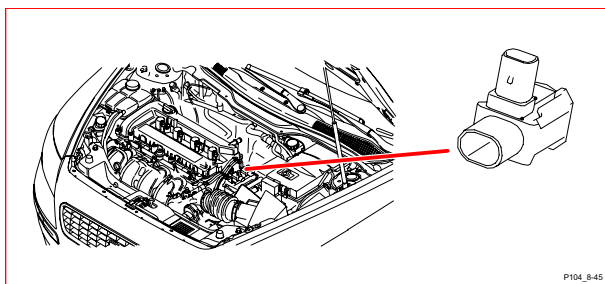
8/28 Turbocharger control valve



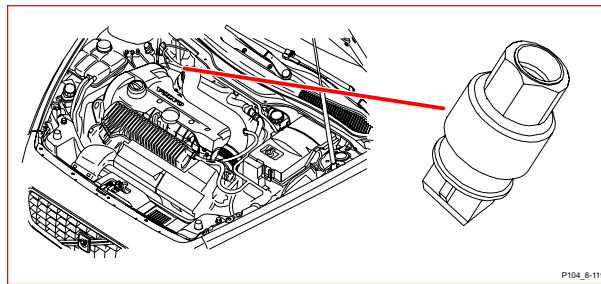
Component illustrations

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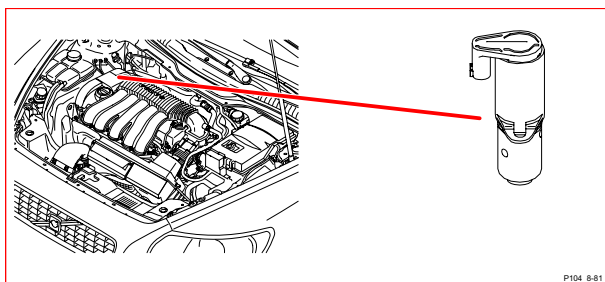
8/45 Water detection sensor



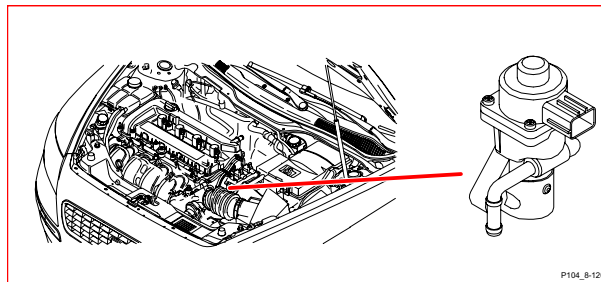
8/119 Pressure monitor, climate control system



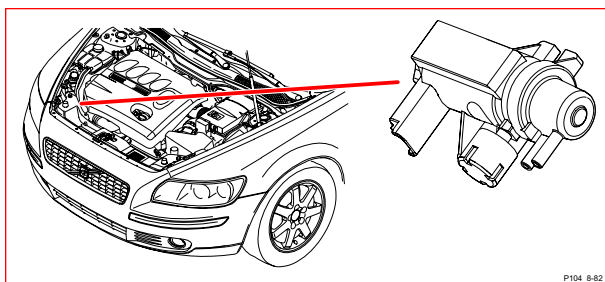
8/81 Solenoid, variable valve timing outlet



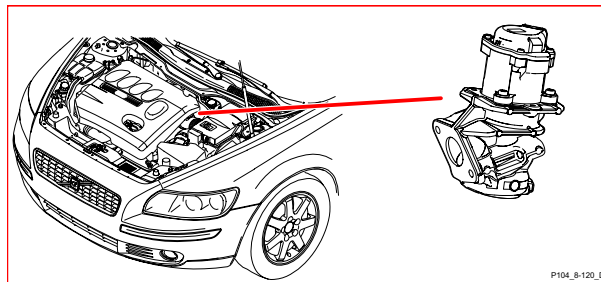
8/120 EGR valve



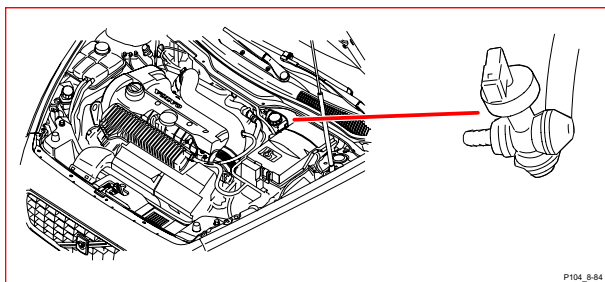
8/82 Solenoid, variable turbo geometry



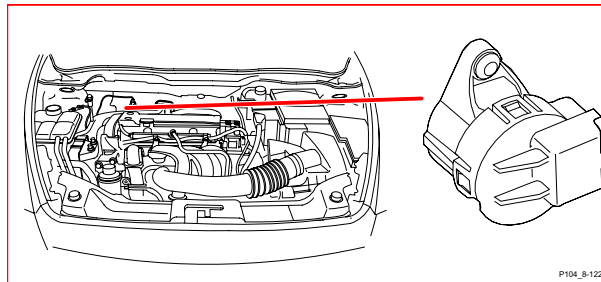
8/120 EGR valve, Diesel



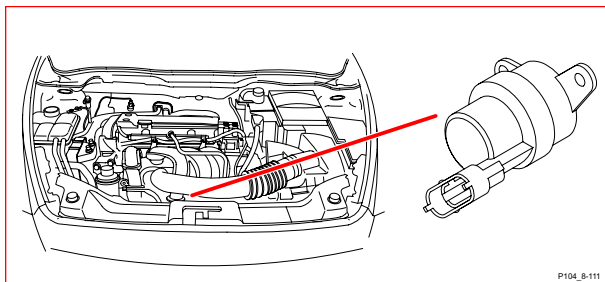
8/84 Switch, vacuum pump



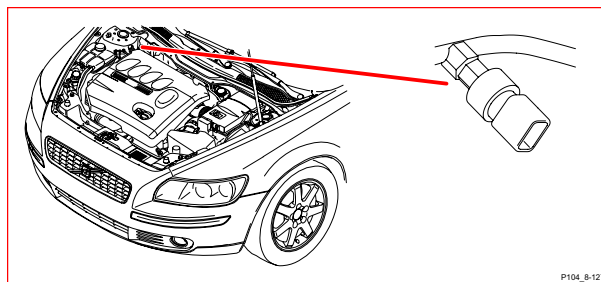
8/122 Bypass valve, intercooler



8/111 Water detection sensor



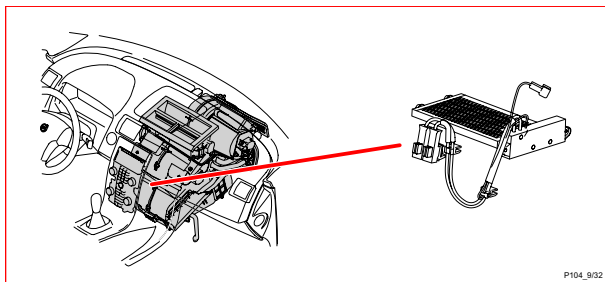
8/127 Pressure switch, climate control system



Component illustrations

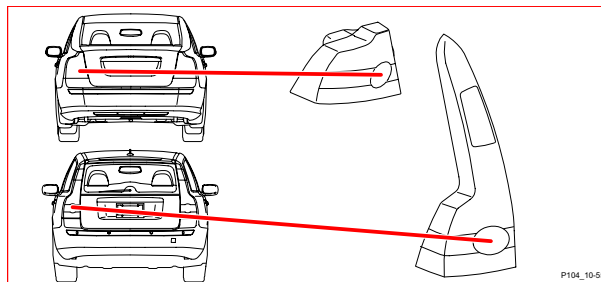
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9/32 PTC resistor, oil trap



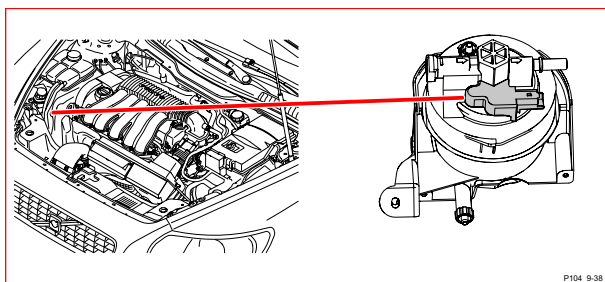
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10/55 Reversing light, left



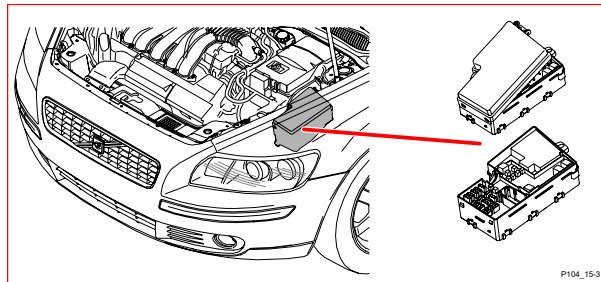
P104_10-55

9/38 Electrically heated fuel filter



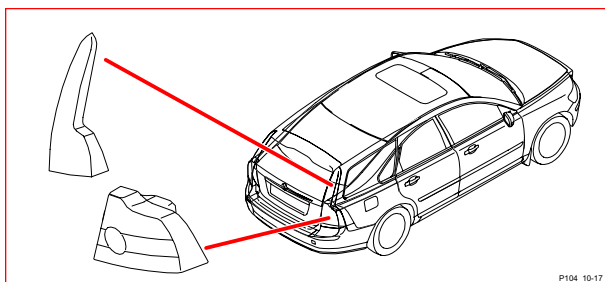
P104_9-38

15/31 Distribution box in engine compartment



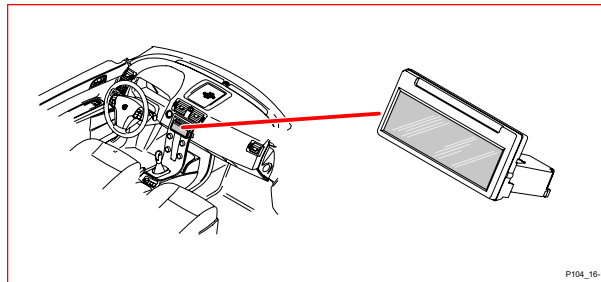
P104_15-31

10/17 Lamp housing, rear right



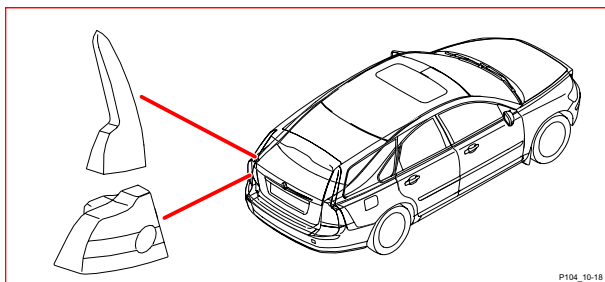
P104_10-17

16/1 Infotainment Control Module (ICM)



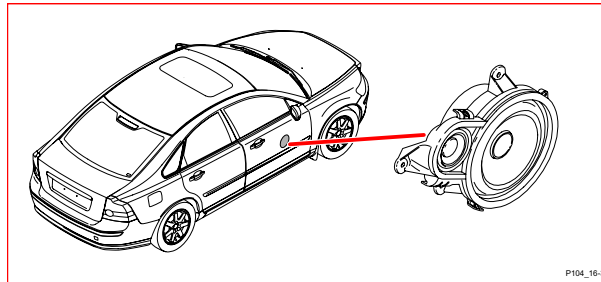
P104_16-1

10/18 Lamp housing, rear left



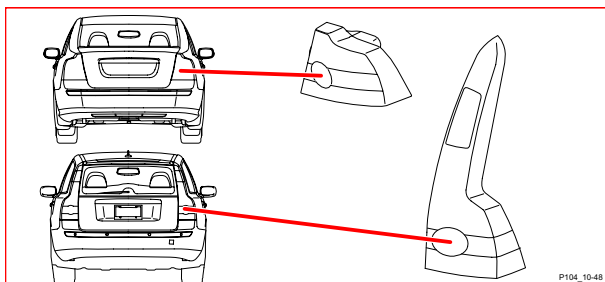
P104_10-18

16/3 Speaker, passenger door



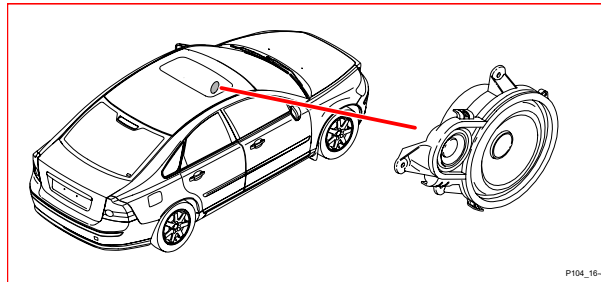
P104_16-3

10/48 Reversing light, right



P104_10-48

16/4 Speaker, driver's door

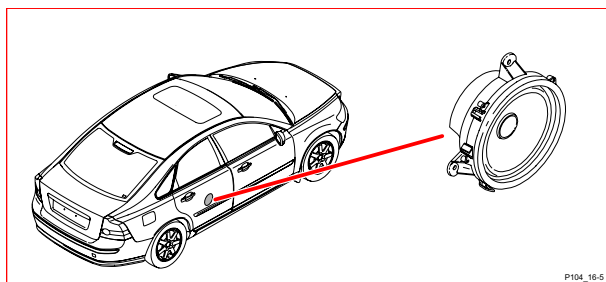


P104_16-4

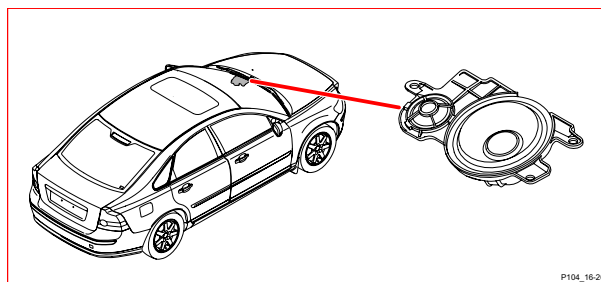
Component illustrations

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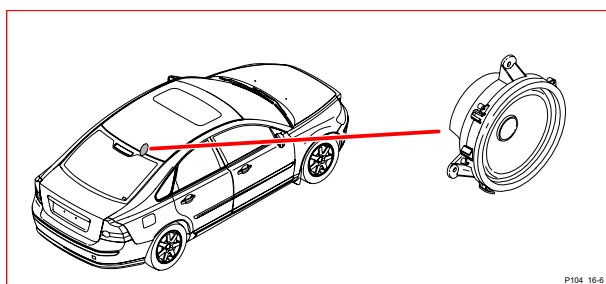
16/5 Speaker, right rear door



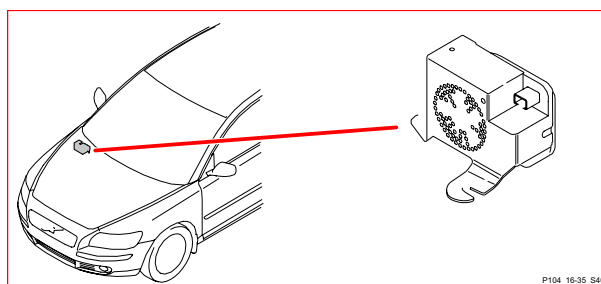
16/26 Speaker, dashboard middle, RTI



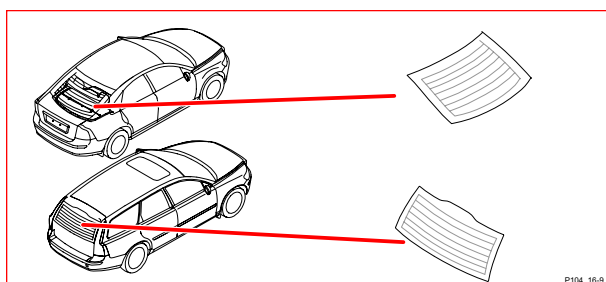
16/6 Speaker, left rear door



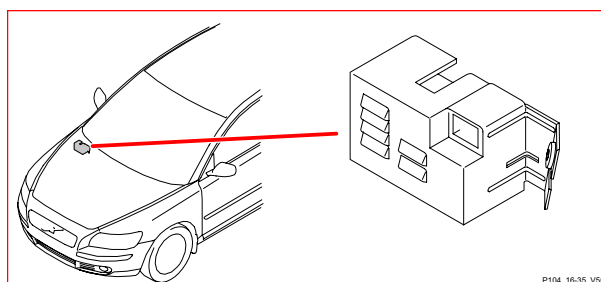
16/35 Siren (SCM), S40



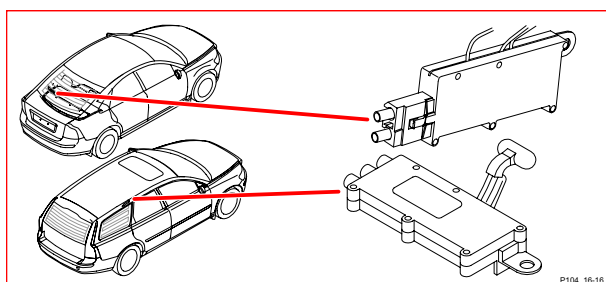
16/9 Window antenna



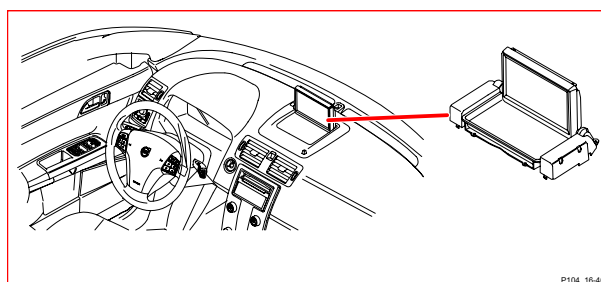
16/35 Siren (SCM), V50



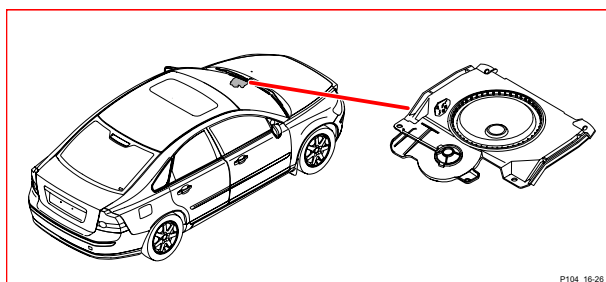
16/16 Window antenna amplifier



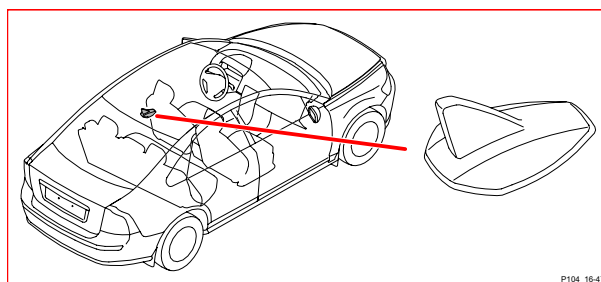
16/46 RTI Display



16/26 Speaker, dashboard middle



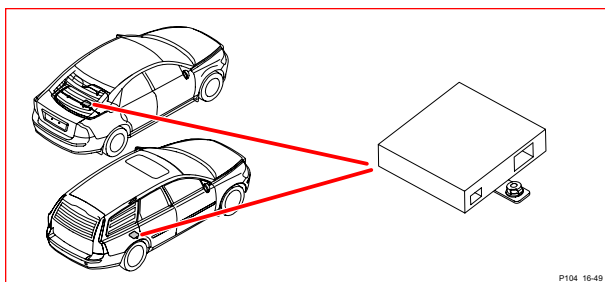
16/47 GPS antenna RTI



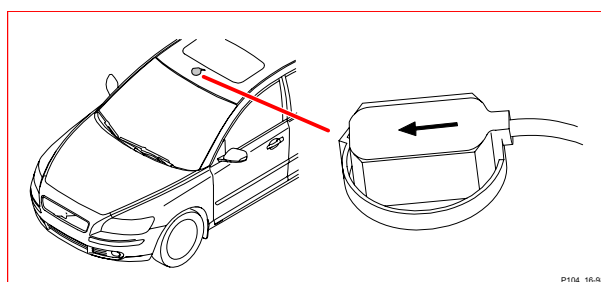
Component illustrations

16/49 - 16/136

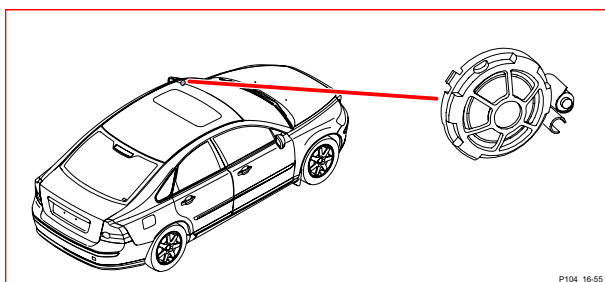
16/49 Traffic Message Channel Module (TMC)



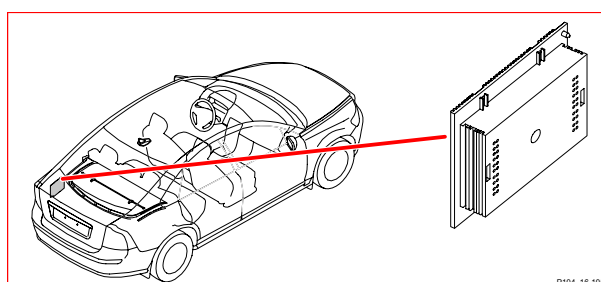
16/98 Microphone



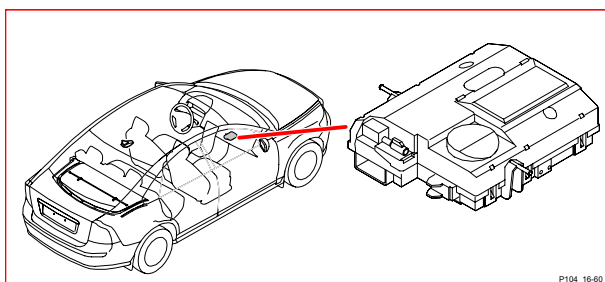
16/55 Treble speaker, driver's door



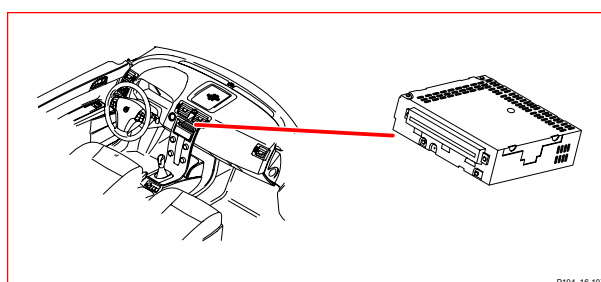
16/105 Audio Module (AUD)



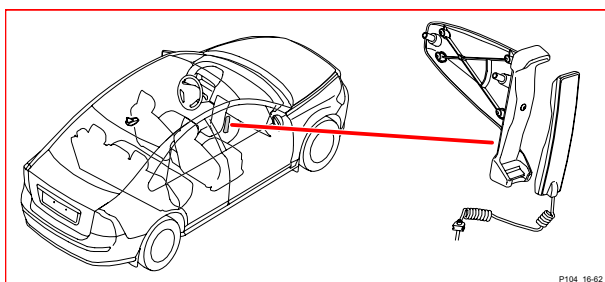
16/60 Phone Module (PHM)



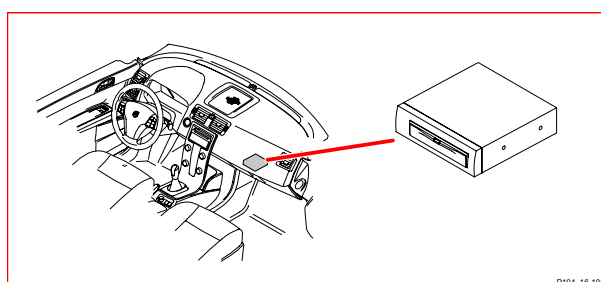
16/107 Media Player Module (MPM)



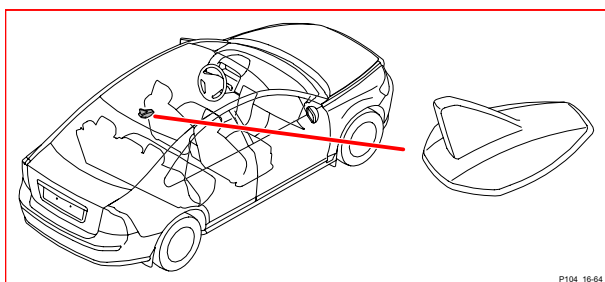
16/62 Hand unit, cellular phone



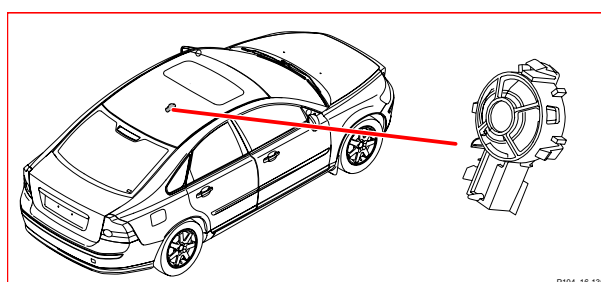
16/108 Multimedia Module (MMM)



16/64 Antenna, cellular phone



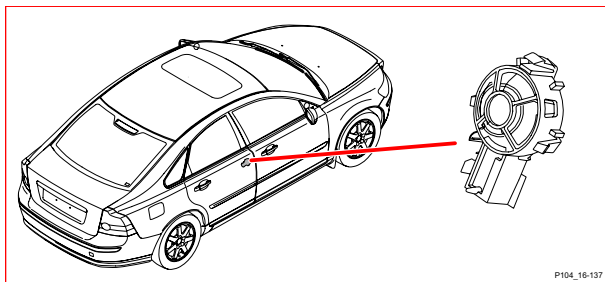
16/136 Treble speaker, left rear door



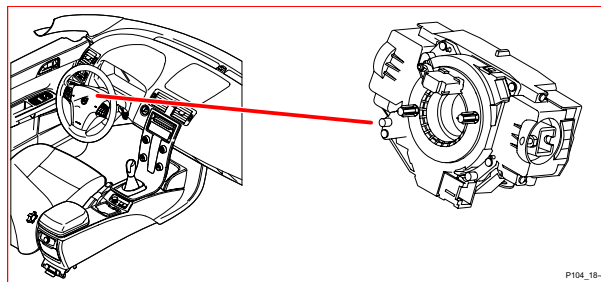
Component illustrations

16/137 - 31/3

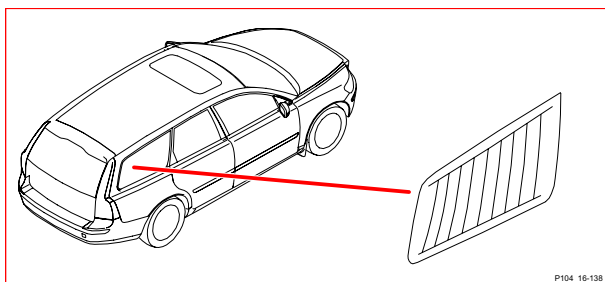
16/137 Treble speaker, right rear door



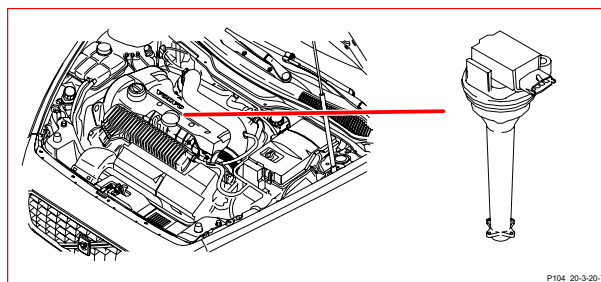
18/4 Contact reel



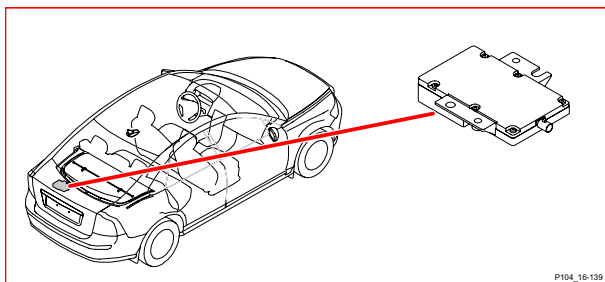
16/138 Rear window antenna, right



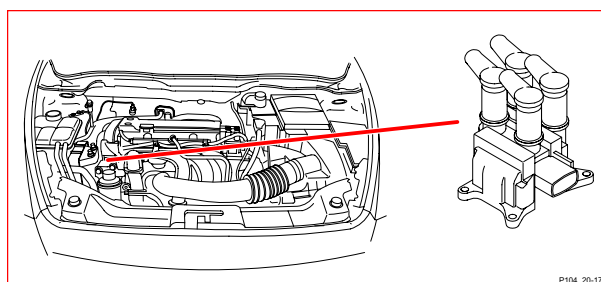
20/3-7 Spark plug and ignition coil



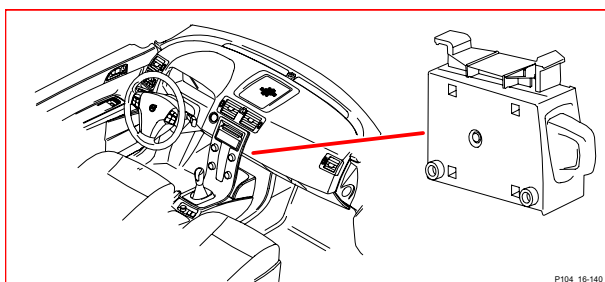
16/139 Global Positioning System Module (GPS)



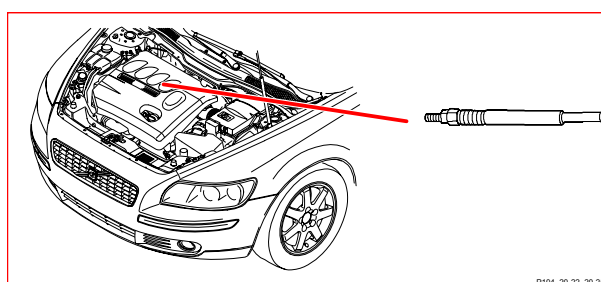
20/17 Transformer, ignition coils



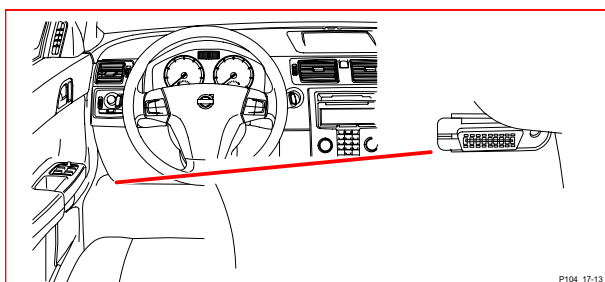
16/140 SIM card reader



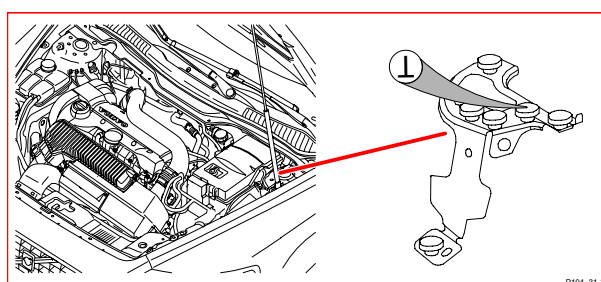
20/22-25 Glow plug



17/13 Data link connector



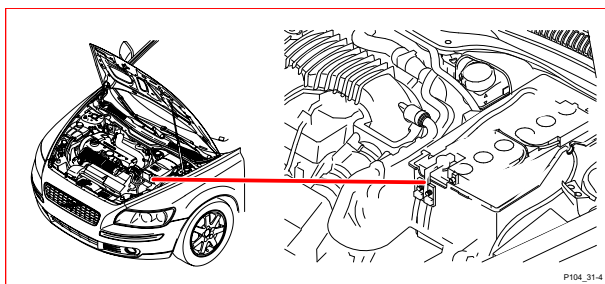
31/3 Ground connection, Left strut tower



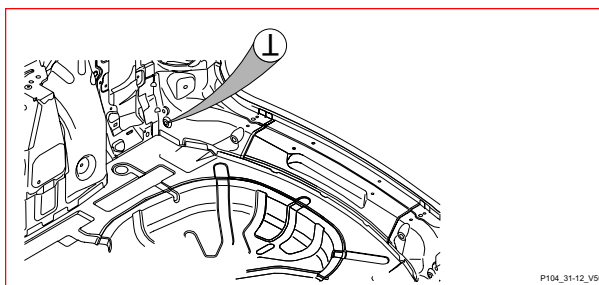
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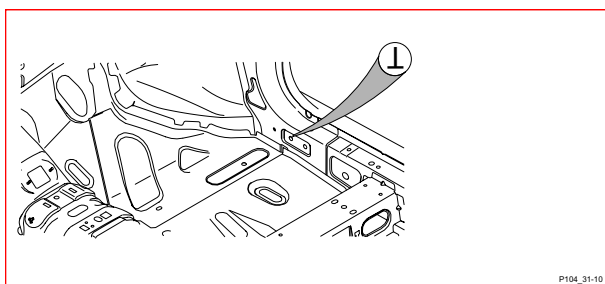
31/4 Ground connection, Engine



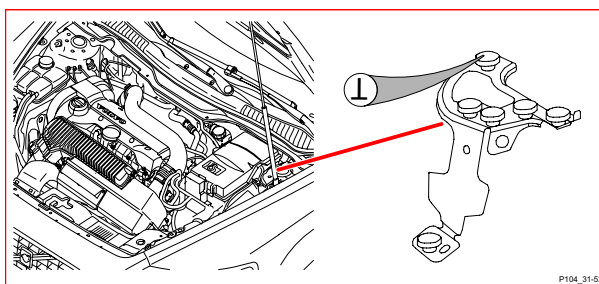
31/12 Ground connection, Right side rear, V50



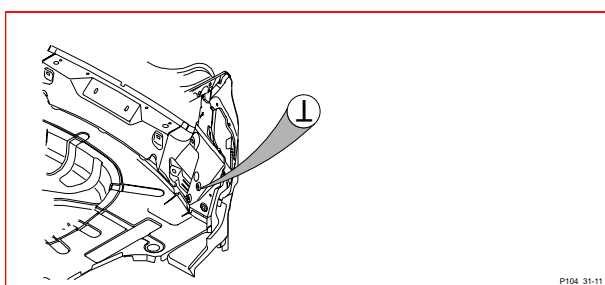
31/10 Ground connection, A-pillar passenger side



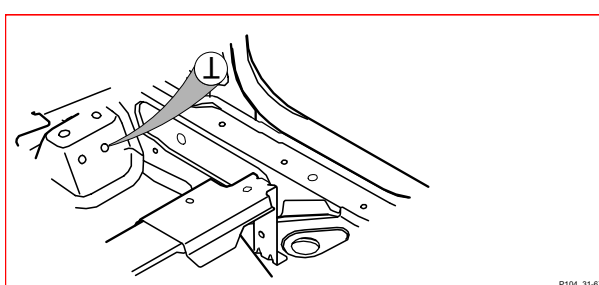
31/52 Ground connection, Left strut tower



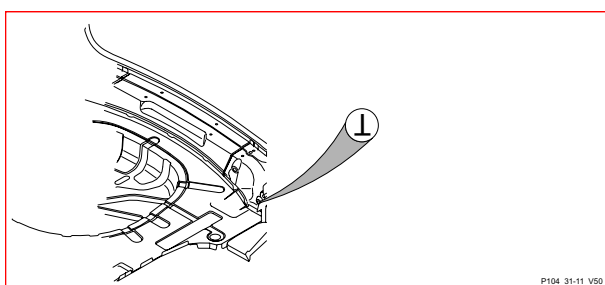
31/11 Ground connection, Left side rear, S40



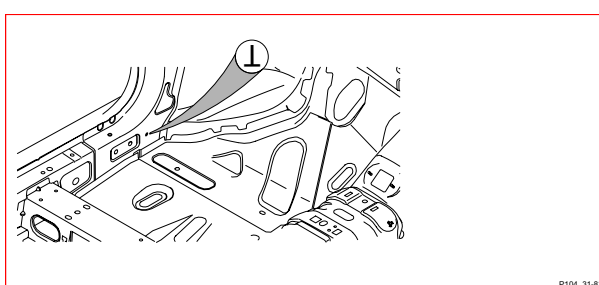
31/67 Ground connection, Right B-pillar



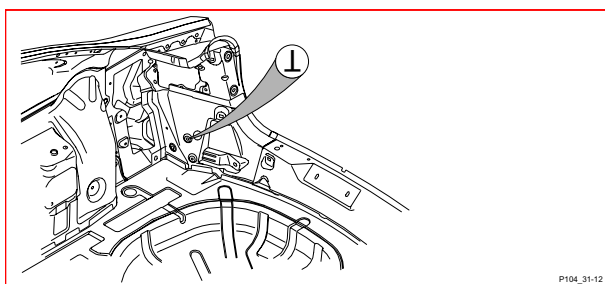
31/11 Ground connection, Left side rear, V50



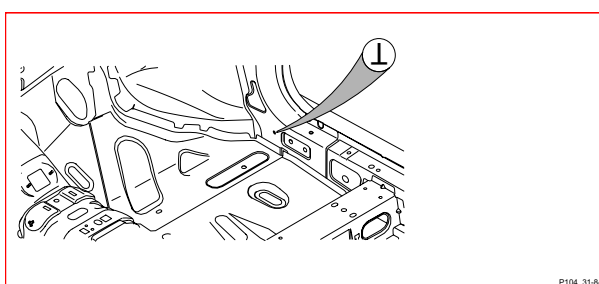
31/83 Ground connection, A-pillar driver side



31/12 Ground connection, Right side rear, S40



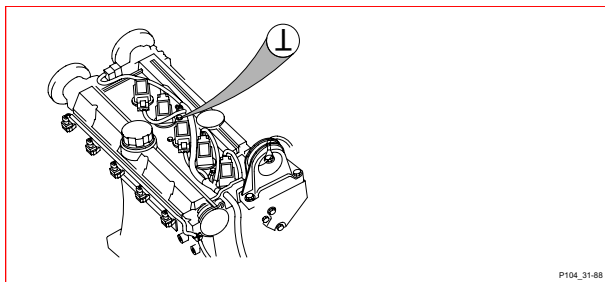
31/84 Ground connection, A-pillar passenger side



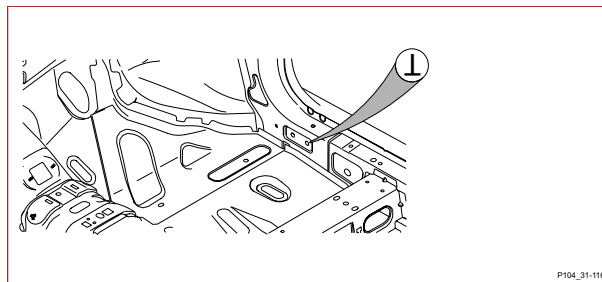
Component illustrations

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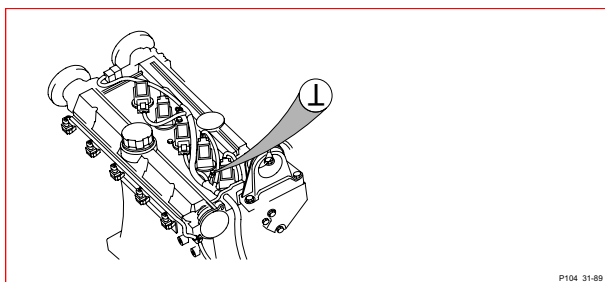
31/88 Ground connection, Engine



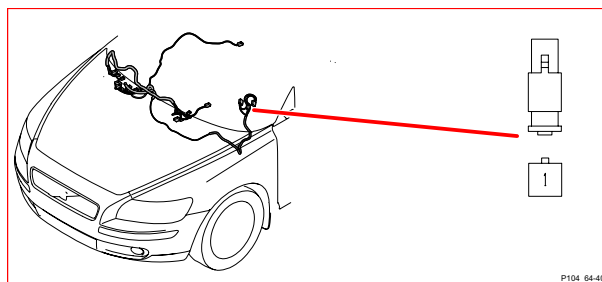
31/116 Ground connection, Right A-pillar



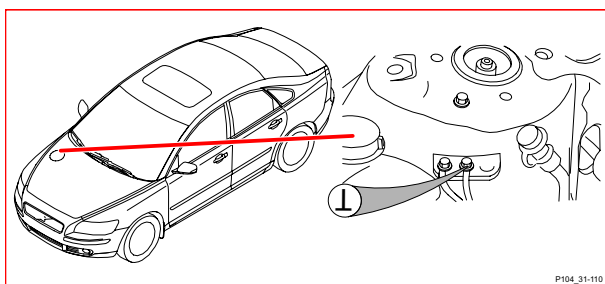
31/89 Ground connection, Engine



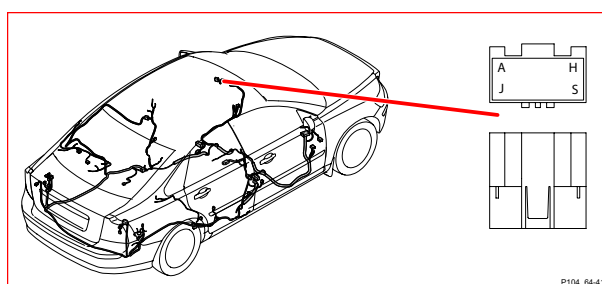
64/40 Connector



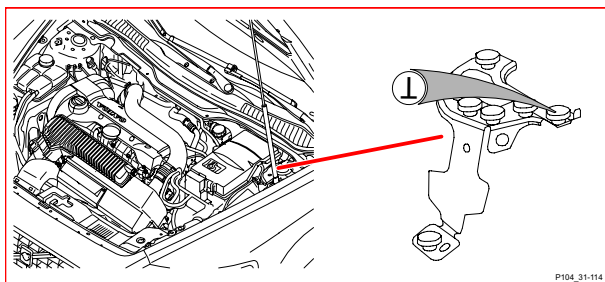
31/110 Ground connection, Right strut tower



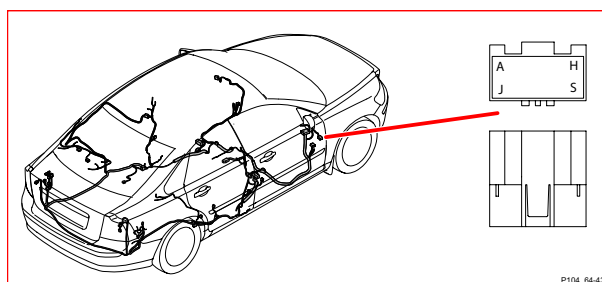
64/41 Connector



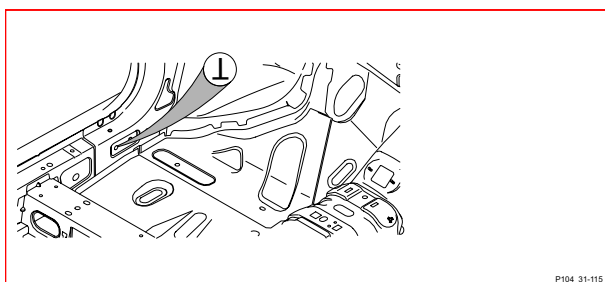
31/114 Ground connection, Left strut tower



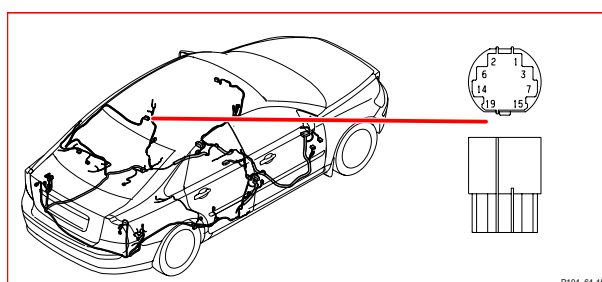
64/43 Connector



31/115 Ground connection, Left A-pillar



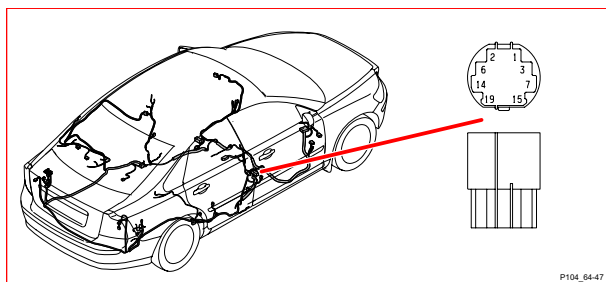
64/45 Connector



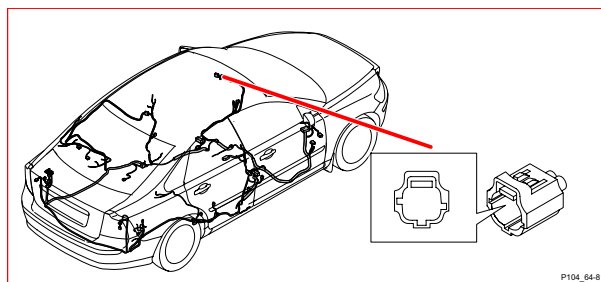
Component illustrations

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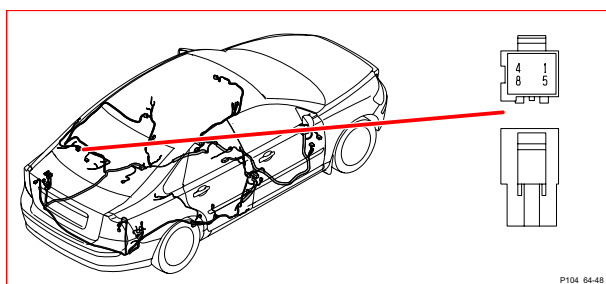
64/47 Connector



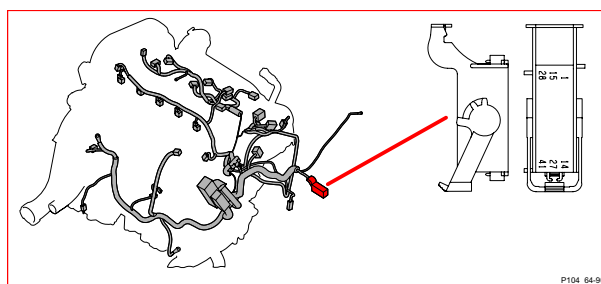
64/81 Connector



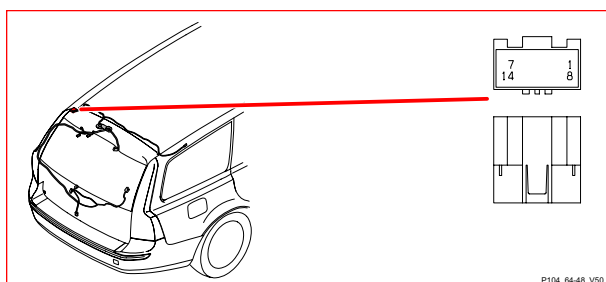
64/48 Connector S40



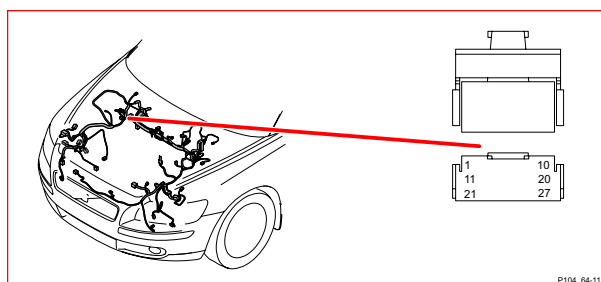
64/90 Connector



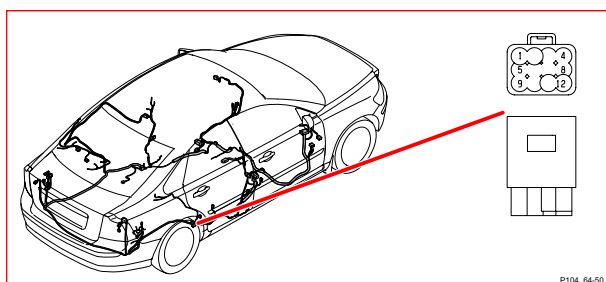
64/48 Connector V50



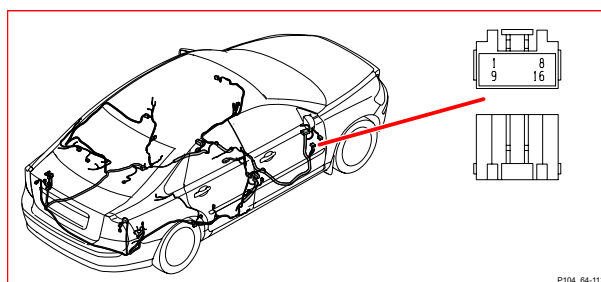
64/111 Connector



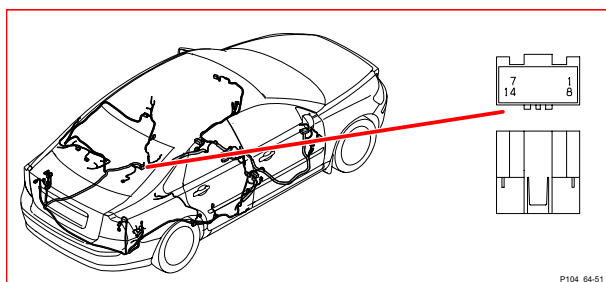
64/50 Connector



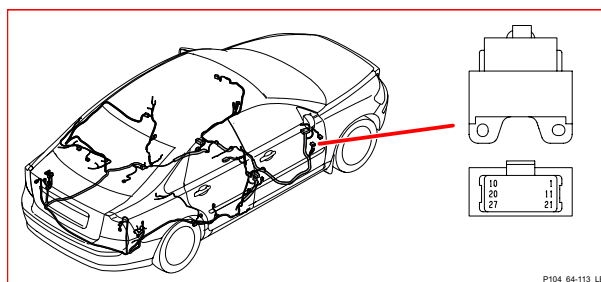
64/112 Connector



64/51 Connector



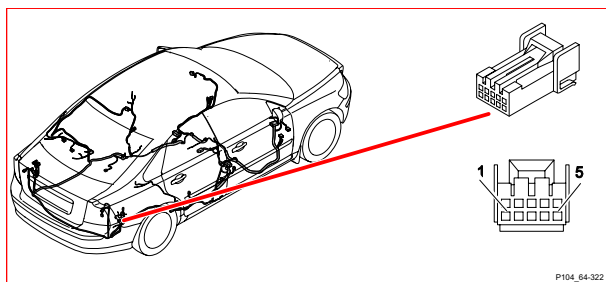
64/113 Connector



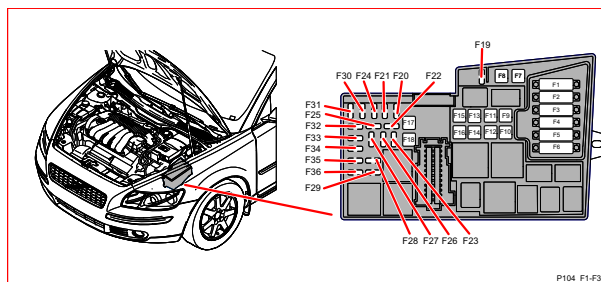
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64/322 - R/no.

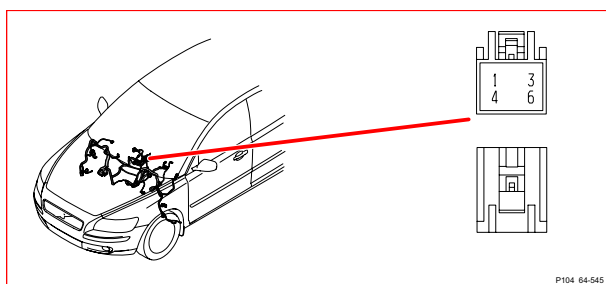
64/322 Connector



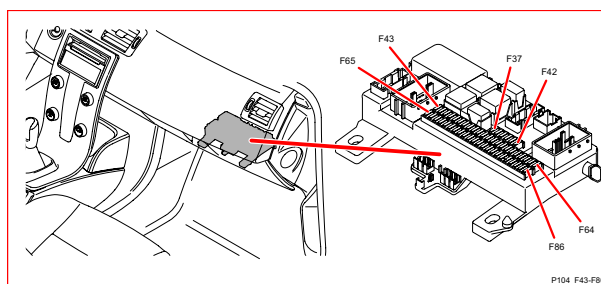
F/no. Fuse, engine compartment



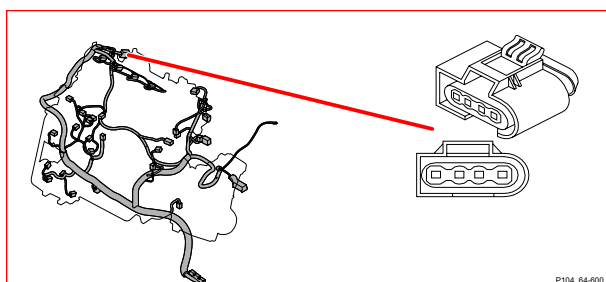
64/545 Connector



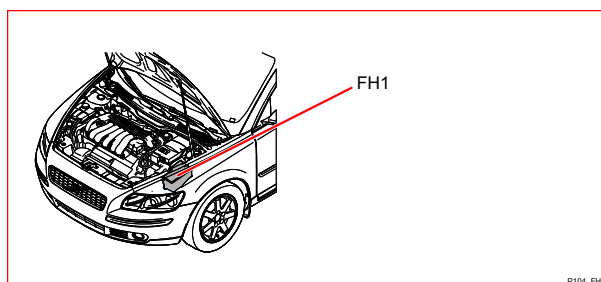
F/no. Fuse, passenger compartment



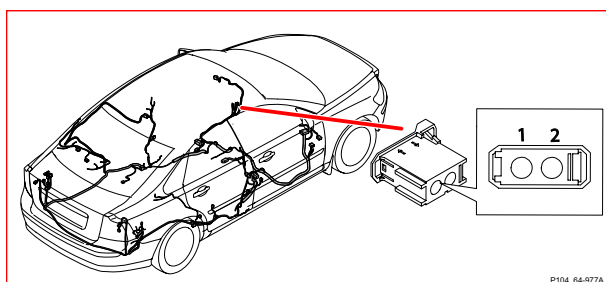
64/600 Connector



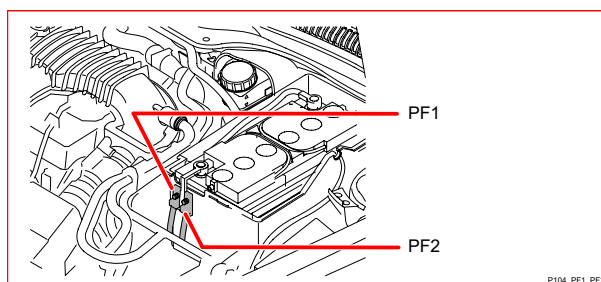
FH/no. Fuse in holder



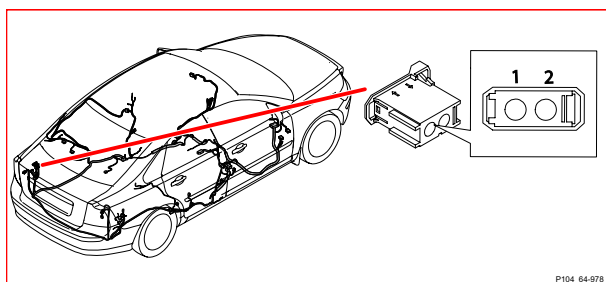
64/977A Connector



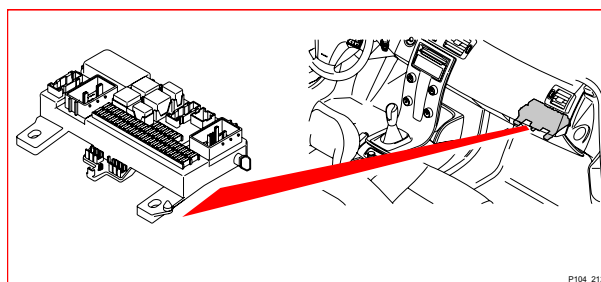
PF/no. Main fuse by battery



64/978 Connector



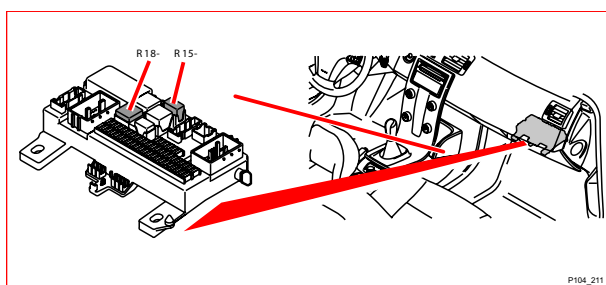
R/no. Relay, soldered



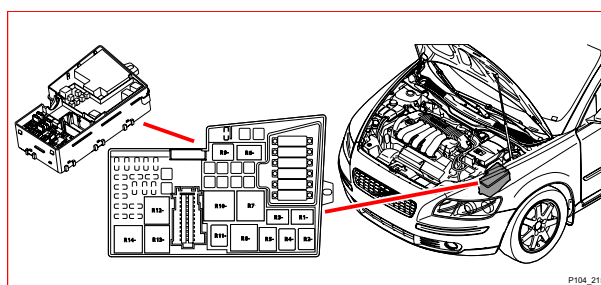
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RH/no. - 64X/322

R/no. Relay, passenger compartment



R/no. Relay, engine compartment



- 10X/17** Connector interface, original car
- 10X/18** Connector interface, original car
- 16X/105** Connector interface, original car
- 17X/19** Connector interface, original car
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3/129	Right Rear Door Module (RDM)	7/6	Oil pressure monitor, Turbo
3/155	Program selector, automatic transmission	7/6	Oil pressure monitor, Diesel
3/156	Gear Selector Module (GSM)	7/8	Pressure sensor, climate control system
3/174	Switch, reduced alarm	7/12	Solar sensor, twilight sensor and indicator alarm
3/254	Steering Wheel Module (SWM)		
3/267	Control unit, telematics	7/15	Heated oxygen sensor, front
4/7	Combustion Preheater Module (CPM)	7/16	Sensor, coolant temperature
4/9	Supplemental Restraint System Module (SRS)	7/17	Mass air flow sensor MAF, Turbo
4/16	Brake Control Module (BCM)	7/17	Mass airflow sensor MAF, Diesel
4/28	Transmission Control Module (TCM)	7/21	Camshaft position sensor
4/31	Fan control module	7/24	Front knock sensor, 4-cyl.
4/46.1	Engine Control Module (ECM), 5-cyl.	7/24	Knock sensor front, Turbo
4/46.1	Engine Control Module (ECM), 5-cyl. Turbo	7/25	Impulse sensor, 4-cyl.
4/46.2	Engine Control Module (ECM), DW10	7/25	Impulse sensor, Turbo
4/46.3	Engine Control Module (ECM), 4-cyl. 1.6l	7/25	Impulse sensor, Diesel
4/46.4	Engine Control Module (ECM), DV6	7/41	Temperature sensor evaporator
4/46.5	Engine Control Module (ECM), 4-cyl. 1.8l.	7/51	Accelerator pedal sensor
4/56	Central Electronic Module (CEM)	7/61	Sensor input speed
4/71	Cooling fan control module	7/62	Sensor output speed
4/82	Differential Electronic Module (DEM)	7/71	Sensor boost pressure
4/83	Control module fuel pump	7/82	Heated oxygen sensor, rear
4/86	Control module, Parking Assistance Module (PAM)	7/86	Air temperature sensor, diesel
4/93	Keyless Vehicle Module (KVM)	7/122	Mass movement sensor, front
4/102	Steering Column Lock Module (SCL)	7/123	Sensor clutch pedal, Gasoline
4/103	Remote Entry (RRX)	7/123	Sensor clutch pedal, Diesel
		7/124	Sensor brake pedal
		7/149	Rain Sensor Module (RSM)
		7/154	Sensor fuel temperature
		7/156	Pressure and temperature sensor fuel, Turbo

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7/158	Mass movement sensor rear	16/49	Traffic Message Channel Module (TMC)
7/159	Air Quality Sensor (AQS)	16/55	Treble speaker, driver's door
7/162	Pressure sensor, fuel line	16/60	Phone Module (PHM)
7/163	Camshaft position sensor 2	16/62	Hand unit, cellular phone
7/164	Body Sensor Cluster (BSC)	16/64	Antenna, cellular phone
7/165	Pressure and temperature sensor, intake manifold	16/98	Microphone
7/172	Position sensor camshaft, intake side	16/105	Audio Module (AUD)
7/173	Position sensor camshaft, exhaust side	16/107	Media Player Module (MPM)
7/174	Differential pressure sensor, particle filter	16/108	Multimedia Module (MMM)
7/182	Remote control IR sensor, RTI	16/136	Treble speaker, left rear door
7/190	Temperature sensor, exhaust gases upstream of particle filter	16/137	Treble speaker, right rear door
7/191	Temperature sensor, exhaust gases downstream of particle filter	16/138	Rear window antenna, right
7/192	Water detection sensor	16/139	Global Positioning System Module (GPS)
		16/140	SIM card reader
8/3	Electromagnetic clutch, climate control system	17/13	Data link connector
8/6-10	Injection valves	18/4	Contact reel
8/18	EVAP valve	20/3-7	Spark plug and ignition coil
8/19	Solenoid, variable valve timing, intake	20/17	Transformer, ignition coils
8/28	Turbocharger control valve	20/22-25	Glow plug
8/45	Water detection sensor	31/3	Ground connection, Left strut tower
8/81	Solenoid, variable valve timing outlet	31/4	Ground connection, Engine
8/82	Solenoid, variable turbo geometry	31/10	Ground connection, A-pillar passenger side
8/84	Switch, vacuum pump	31/11	Ground connection, Left side rear, S40
8/111	Water detection sensor	31/11	Ground connection, Left side rear, V50
8/119	Pressure monitor, climate control system	31/12	Ground connection, Right side rear, S40
8/120	EGR valve	31/12	Ground connection, Right side rear, V50
8/120	EGR valve, Diesel	31/52	Ground connection, Left strut tower
8/122	Bypass valve, intercooler	31/67	Ground connection, Right B-pillar
8/127	Pressure switch, climate control system	31/83	Ground connection, A-pillar driver side
9/32	PTC resistor, oil trap	31/84	Ground connection, A-pillar passenger side
9/38	Electrically heated fuel filter	31/88	Ground connection, Engine
10/17	Lamp housing, rear right	31/89	Ground connection, Engine
10/18	Lamp housing, rear left	31/110	Ground connection, Right strut tower
10/48	Reversing light, right	31/114	Ground connection, Left strut tower
10/55	Reversing light, left	31/115	Ground connection, Left A-pillar
15/31	Distribution box in engine compartment	31/116	Ground connection, Right A-pillar
16/1	Infotainment Control Module (ICM)	64/40	Connector
16/3	Speaker, passenger door	64/41	Connector
16/4	Speaker, driver's door	64/43	Connector
16/5	Speaker, right rear door	64/45	Connector
16/6	Speaker, left rear door	64/47	Connector
16/9	Window antenna	64/48	Connector S40
16/16	Window antenna amplifier	64/48	Connector V50
16/26	Speaker, dashboard middle	64/50	Connector
16/26	Speaker, dashboard middle, RTI	64/51	Connector
16/35	Siren (SCM), S40	64/81	Connector
16/35	Siren (SCM), V50	64/90	Connector
16/46	RTI Display	64/111	Connector
16/47	GPS antenna RTI	64/112	Connector
		64/113	Connector
		64/322	Connector
		64/545	Connector
		64/600	Connector
		64/977A	Connector
		64/978	Connector

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F/no.	Fuse, engine compartment	R/no.	Relay, engine compartment
F/no.	Fuse, passenger compartment	10X/17	Connector interface, original car
FH/no.	Fuse in holder	10X/18	Connector interface, original car
PF/no.	Main fuse by battery	16X/105	Connector interface, original car
R/no.	Relay, soldered	17X/19	Connector interface, original car
R/no.	Relay, passenger compartment	64X/12	Connector interface, original car
		64X/322	Connector interface, original car

