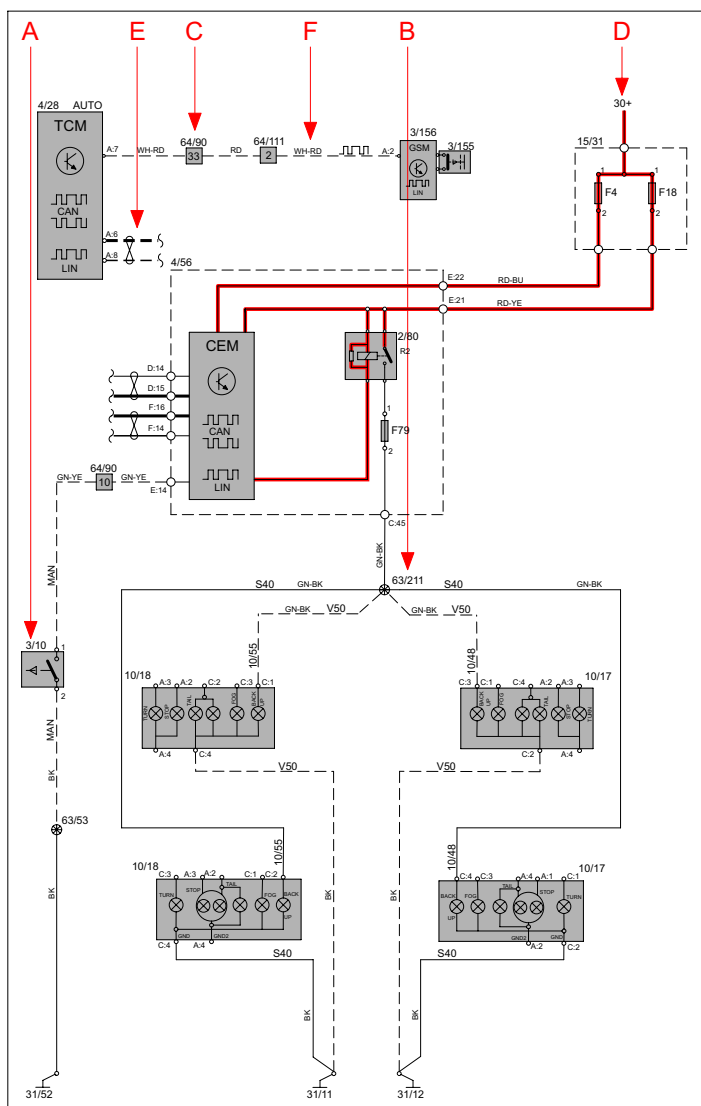
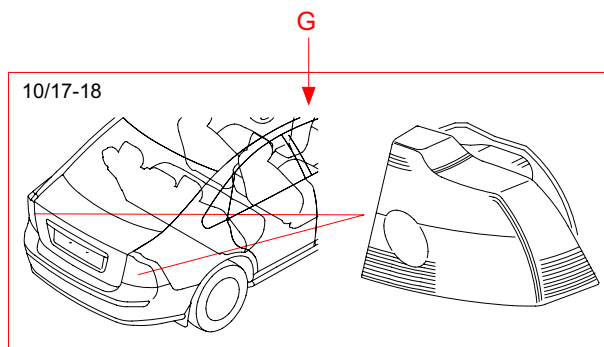


How to use the wiring diagrams 2:2



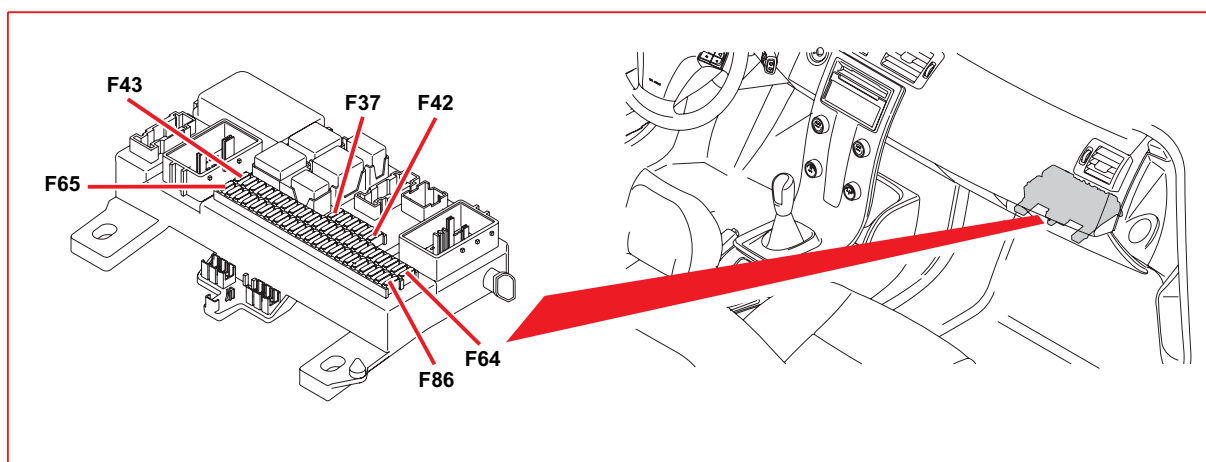
List of symbols

- = 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



Fuses

Central Electronic Module (CEM) F73-F86



4/56 Central Electronic Module (CEM)

No.	Fuse function	via	A
F73	3/217 Belt buckle contact, left rear	-	5
	3/219 Belt buckle contact, right rear	-	
	8/48 Auto-dimming rearview mirror	-	
	10/22 Ceiling light	-	
F74	4/83 Fuel pump control module, gasoline	2/23	15
	6/33 Fuel pump	4/83	
F77	17/19 12V outlet, cargo compartment	-	15
	4/78 Accessory Electronic Module (AEM)	-	
F79	8/48 Auto-dimming rearview mirror	-	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 Door Module (DDM)	-	25
F84	3/27 Switch unit, power passenger seat	-	25
	4/52 Power Seat Module (PSM), passenger seat		
F85	3/26 Switch unit, power driver's seat	-	25
	4/52 Power Seat Module (PSM), driver's seat		
F86	3/26 Switch unit, power driver's seat	-	5
	3/27 Switch unit, power passenger seat	-	
	3/268 Switch, loading assistance	-	
	4/52 Power Seat Module (PSM)	-	
	10/24 Cargo compartment lighting	-	
	10/26 Reading light, rear left	-	
	10/27 Reading light, rear right	-	
	10/114 Vanity mirror lighting, left	-	
	26/5 DC/AC converter, fuel tank	2/23	

Ground connections

31/114 - Ground connections in chassis

31/114 Left MacPherson strut tower	
3/62	Hood alarm contact
4/71	Cooling fan control module
4/112	Gas Discharge Lamp Module (GDL), master
6/2	Washer pump, RHD
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)

31/115 Left A-post	
3/126	Driver Door Module (DDM), LHD
4/83	Fuel pump control module, RHD
6/33	Fuel pump, RHD

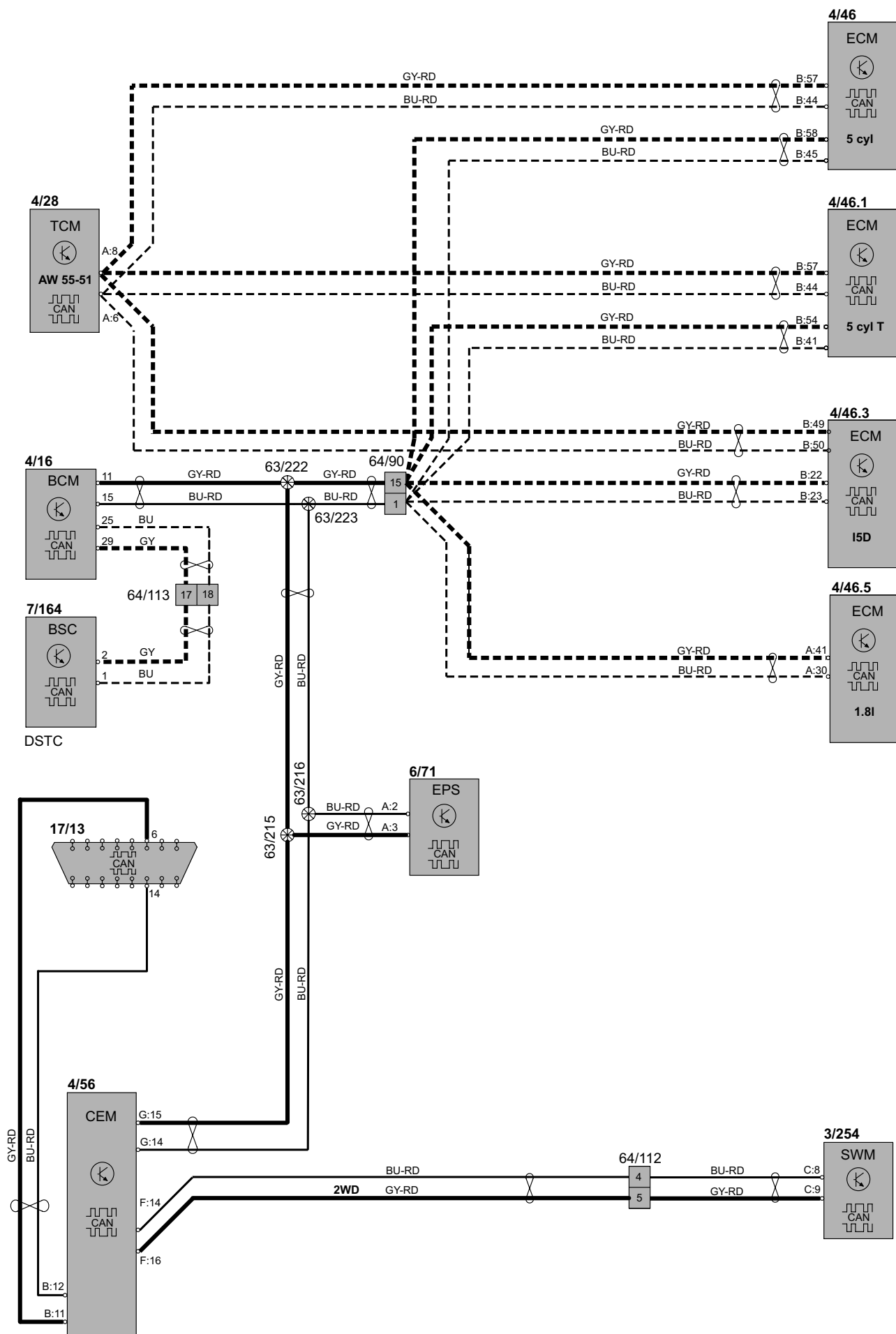
31/116 Right A-post	
3/127	Passenger Door Module (PDM), LHD
4/83	Fuel pump control module, LHD
6/33	Fuel pump, LHD

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

Grounded directly to chassis	
3/4	Switch unit, cruise control (SWS)
3/37	Contact horn
3/47	Parking brake contact
3/254	Steering Wheel Module (SWM)
4/9	Supplemental Restraint System Module (SRS)
4/56	Central Electronic Module (CEM)
6/25	Starter motor
7/6	Sensor, coolant temperature
8/3	Electromagnetic clutch, climate control system
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
16/16	Antenna and amplifier, rear bumper
16/49	Traffic Message Channel Module (TMC)
16/150	AM/FM antenna and amplifier, right rear fender

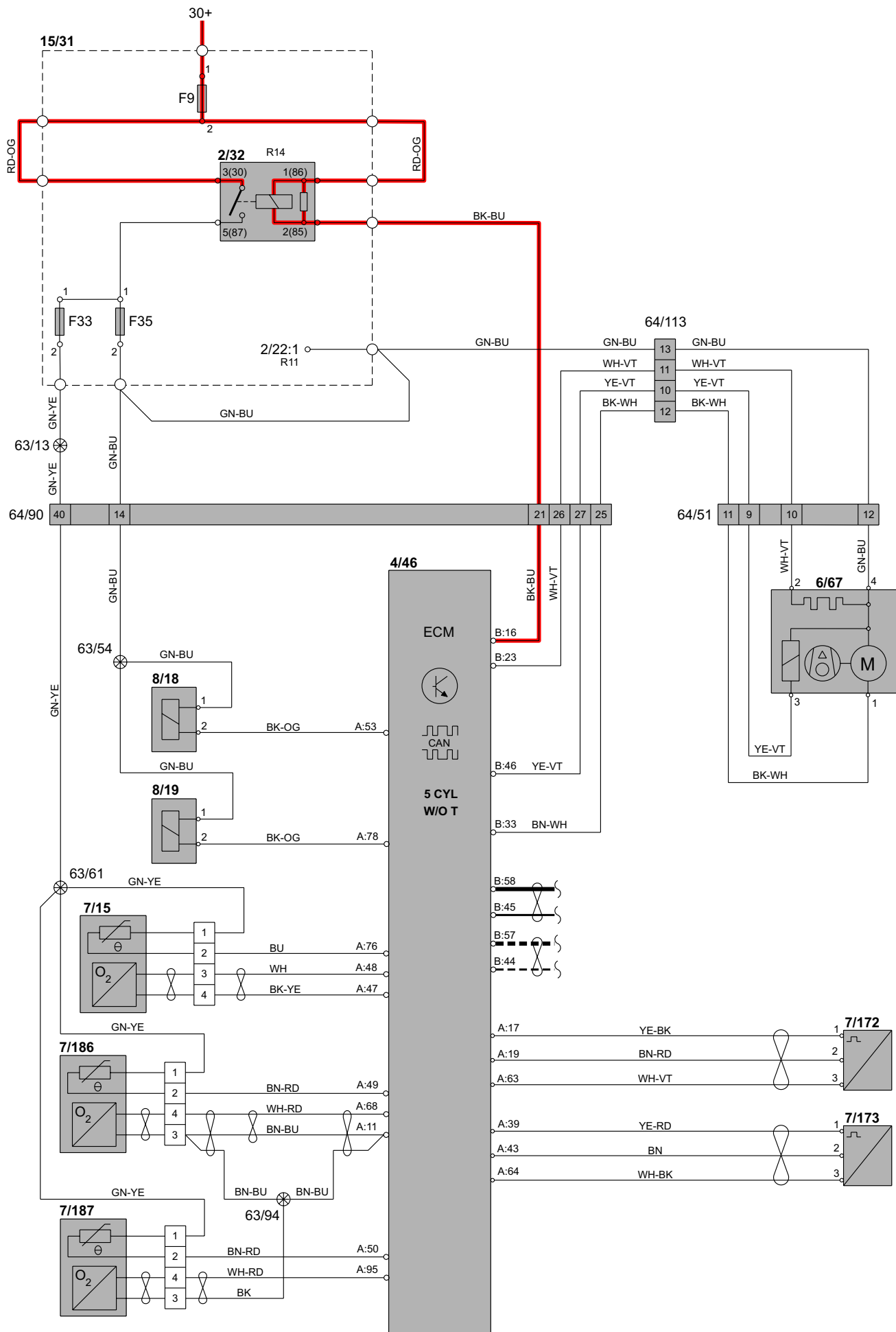
Control modules

Data communication, High speed CAN



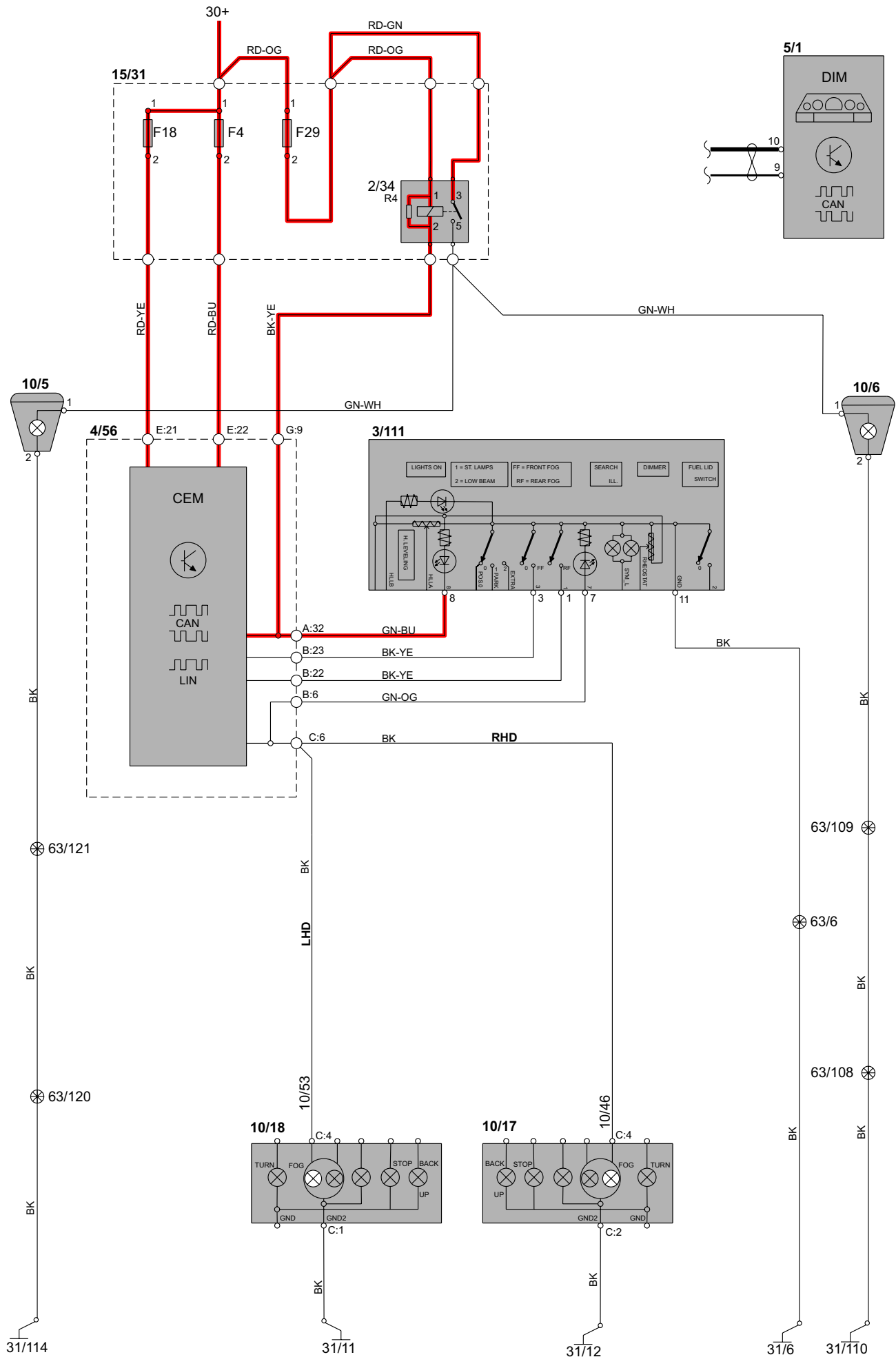
Group 23 Fuel system

Emission control, 5-cyl



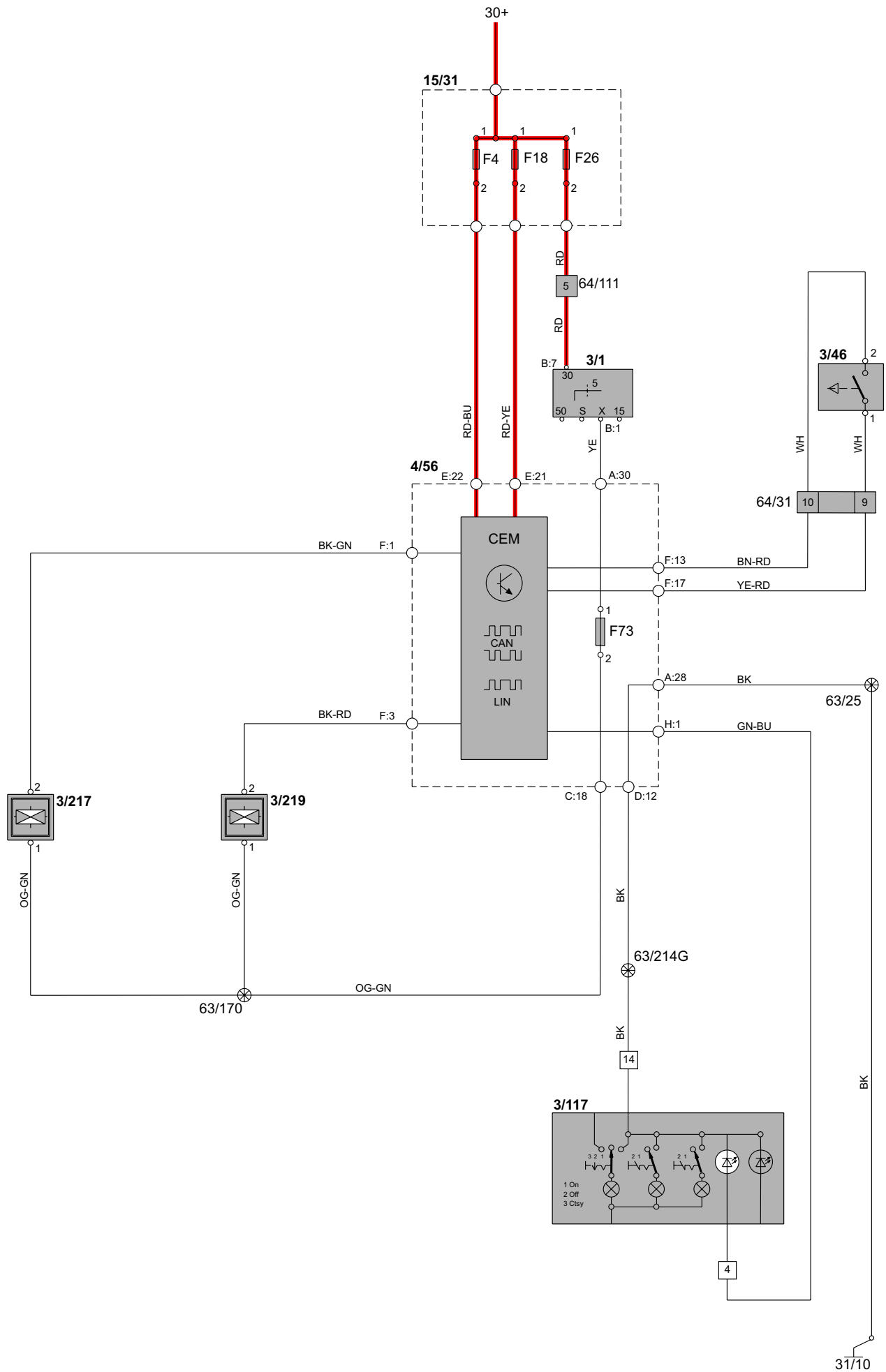
Group 35 Lighting

Fog lights



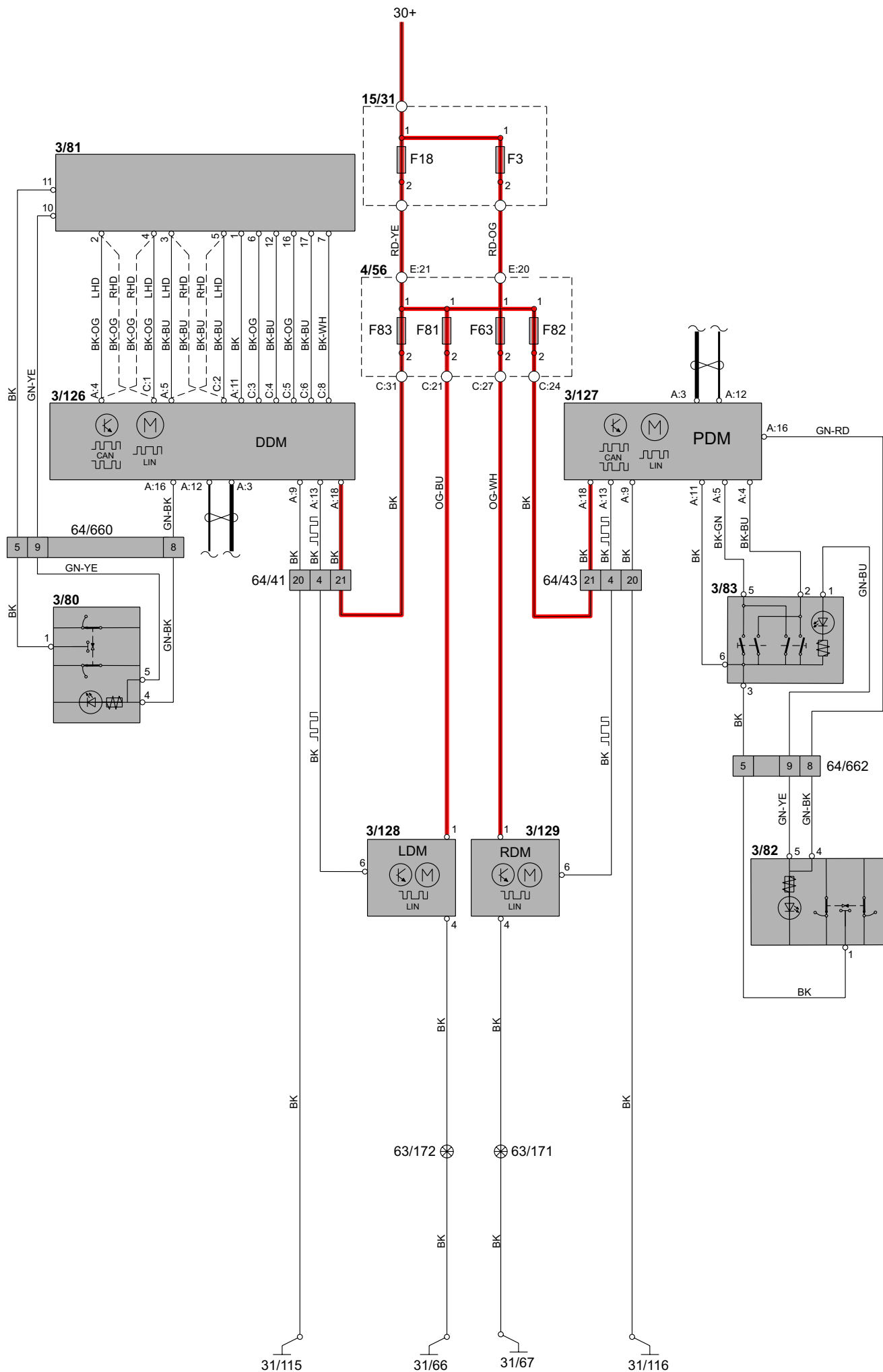
Group 38 Instruments

Seat belt reminder

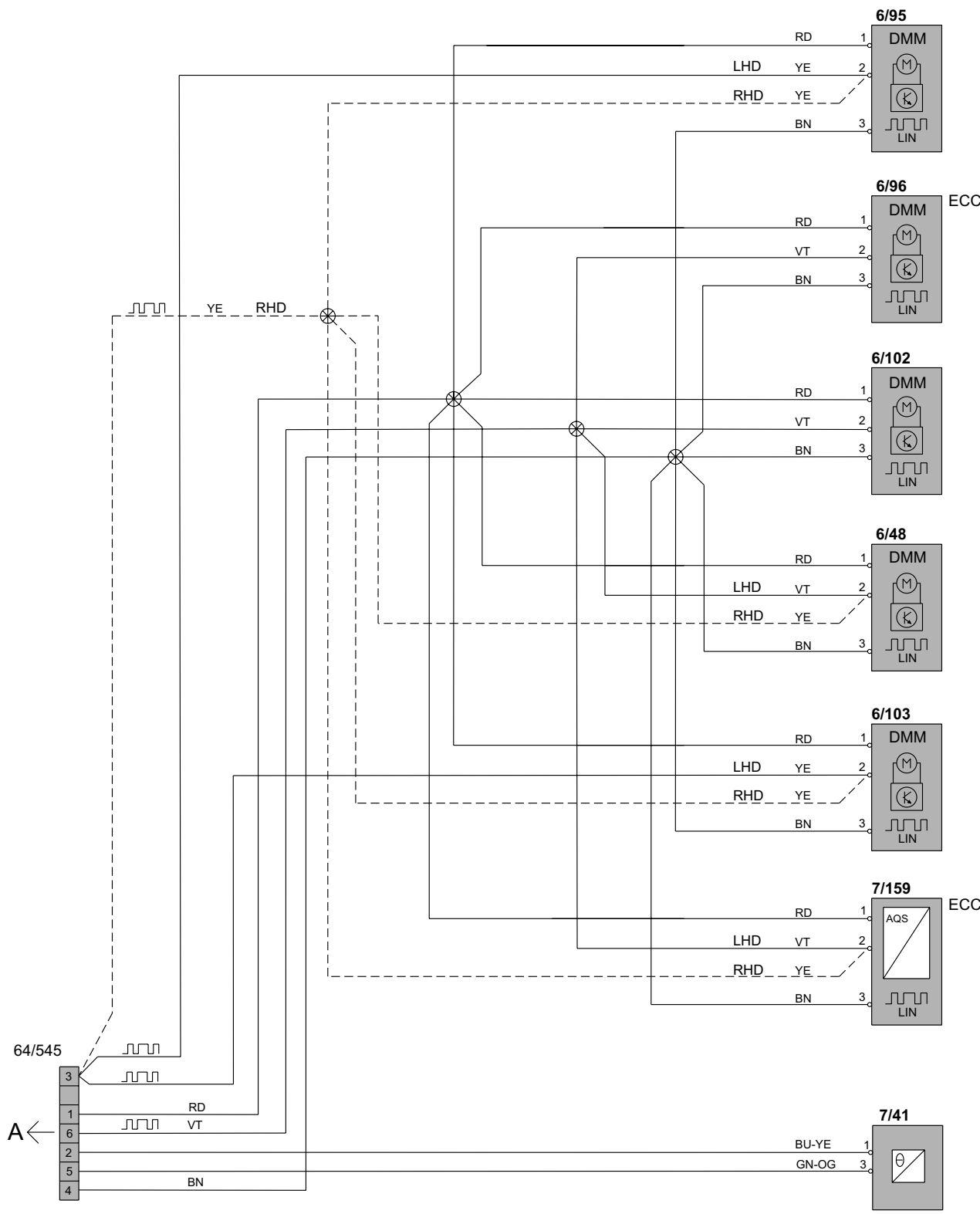


Group 83 Doors and openings

Power windows



Group 87 Climate control system
Climate control system 5-cyl. 2.4l diesel 2:2



Connectors

64/90:12-22

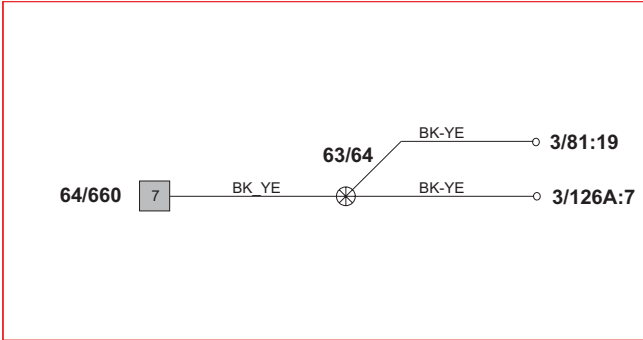
64/90

41-pin black

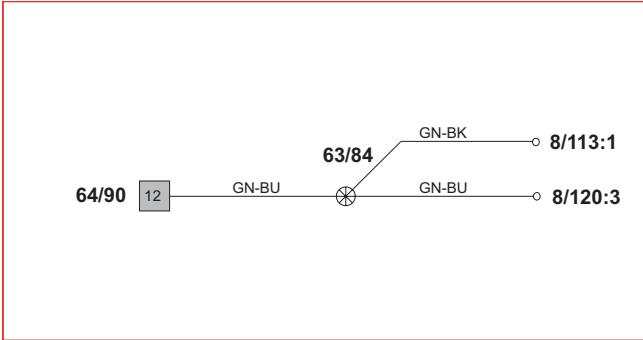
No.	Engine harness			Engine compartment harness		
12	63/95 63/103	Branching point, 4-cyl. 1.8l Branching point, 5-cyl. T	GN-BU	F34:2	Fuse	GN-BU
13	4/46.1B:15 63/85	Engine Control Module (ECM), 5-cyl. 2.5l T Branching point	RD	2/142	Relay, preheater, fuel filter	RD
14	63/54 63/65	Branching point Branching point	GN-BU	F35:2	Fuse	GN-BU
15	4/46B:58 4/46.1B:54 4/46.3B:22 4/46.5A:41	Engine Control Module (ECM), 5-cyl. 2.4l Engine Control Module (ECM), 5-cyl. 2.5l T Engine Control Module (ECM), 5-cyl. 2.4l D Engine Control Module (ECM), 4-cyl. 1.8l	GY-RD	63/222	Branching point	GY-RD
16	4/46.3A:90	Engine Control Module (ECM), 5-cyl. 2.4l D	WH-BU	4/109:9	Glow plug control module	WH-BU
17	4/46B:10 4/46.1B:10 4/46.3B:16 4/46.5A:1	Engine Control Module (ECM), 5-cyl. 2.4l Engine Control Module (ECM), 5-cyl. 2.5l T Engine Control Module (ECM), 5-cyl. 2.4l D Engine Control Module (ECM), 4-cyl. 1.8l	BK-YE	2/22:2	Relay, climate control system	BK-YE
18	8/3:1	Electromagnetic clutch, cli- mate control system, gasoline	GN-YE	2/22:5	Relay, climate control system	GN-YE
19	4/46B:51 4/46.1B:51 4/46.3B:26 4/46.5A:13	Engine Control Module (ECM), 5-cyl. 2.4l Engine Control Module (ECM), 5-cyl. 2.5l T Engine Control Module (ECM), 5-cyl. 2.4l D Engine Control Module (ECM), 4-cyl. 1.8l	WH-VT	7/8:2	Pressure sensor, climate control system	WH-VT
20	6/26A:3 4/46.3B:41	Alternator Engine Control Module (ECM), 5-cyl. 2.4l D	RD GN-YE	F31:2 4/56E:1	Fuse, 4-cyl. Central Electronic Module (CEM)	RD GN-YE
21	4/46B:16 4/46.1B:27 4/46.3B:42 4/46.5A:35	Engine Control Module (ECM), 5-cyl. 2.4l Engine Control Module (ECM), 5-cyl. 2.5l T Engine Control Module (ECM), 5-cyl. 2.4l D Engine Control Module (ECM), 4-cyl. 1.8l	BK-BU	2/32:2	Main relay, engine manage- ment system	BK-BU
22	4/28A:16	Transmission Control Module (TCM)	RD-YE	64/111:3	Connector	RD-YE
continues						

Branching points
63/64 - 63/991G

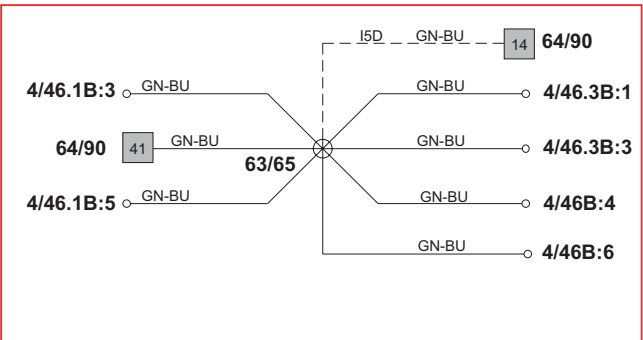
63/64



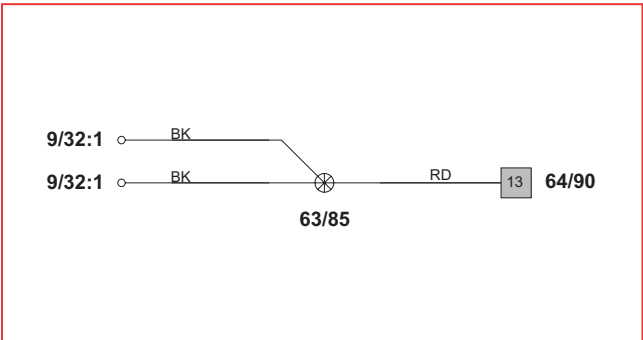
63/84



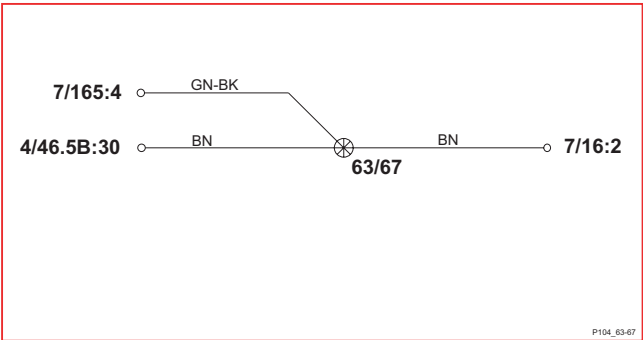
63/65



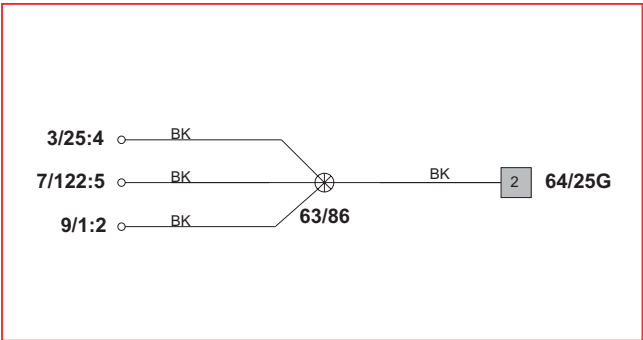
63/85



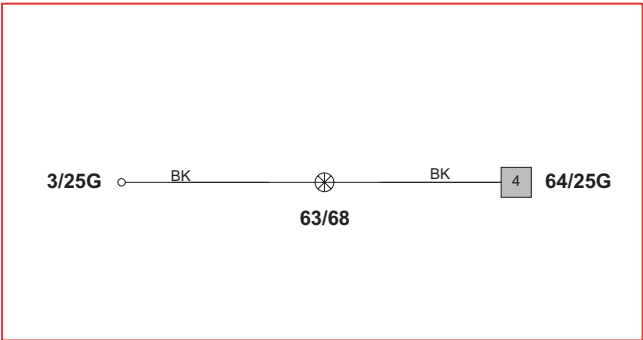
63/67



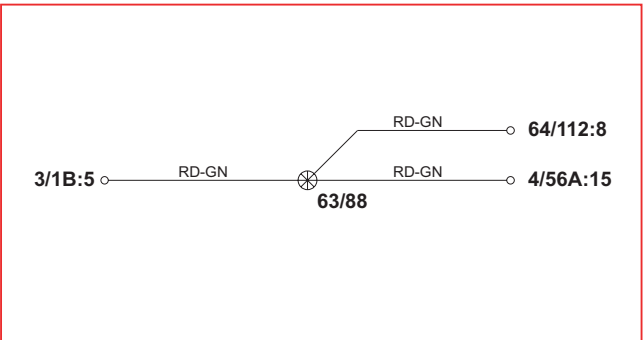
63/86



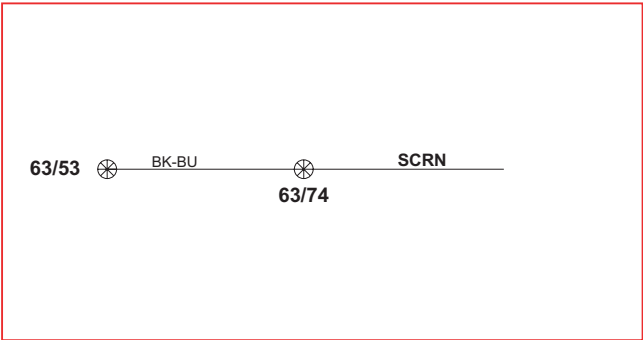
63/68



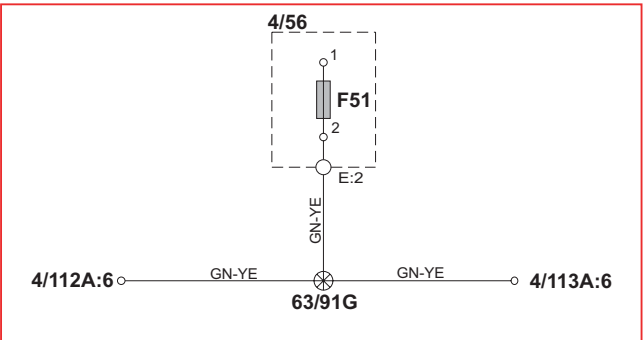
63/88



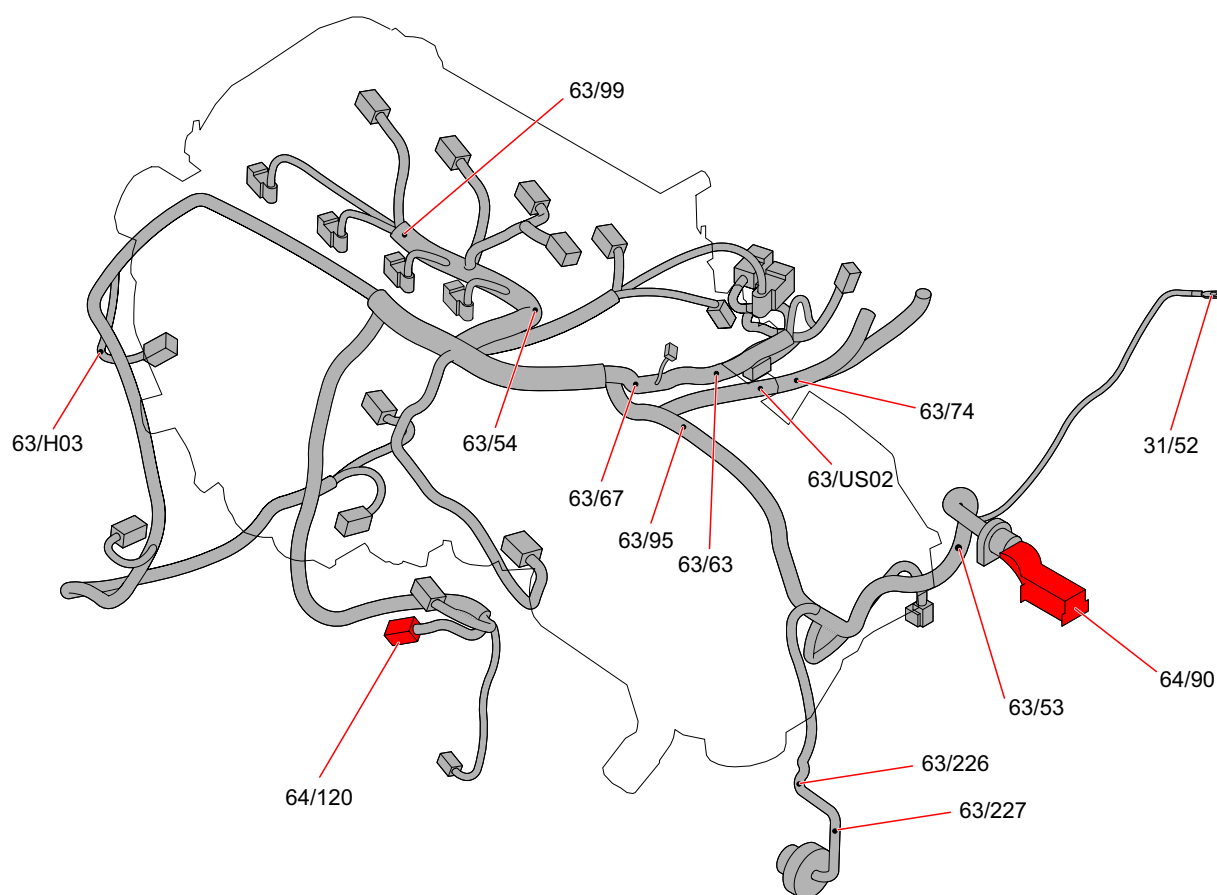
63/74



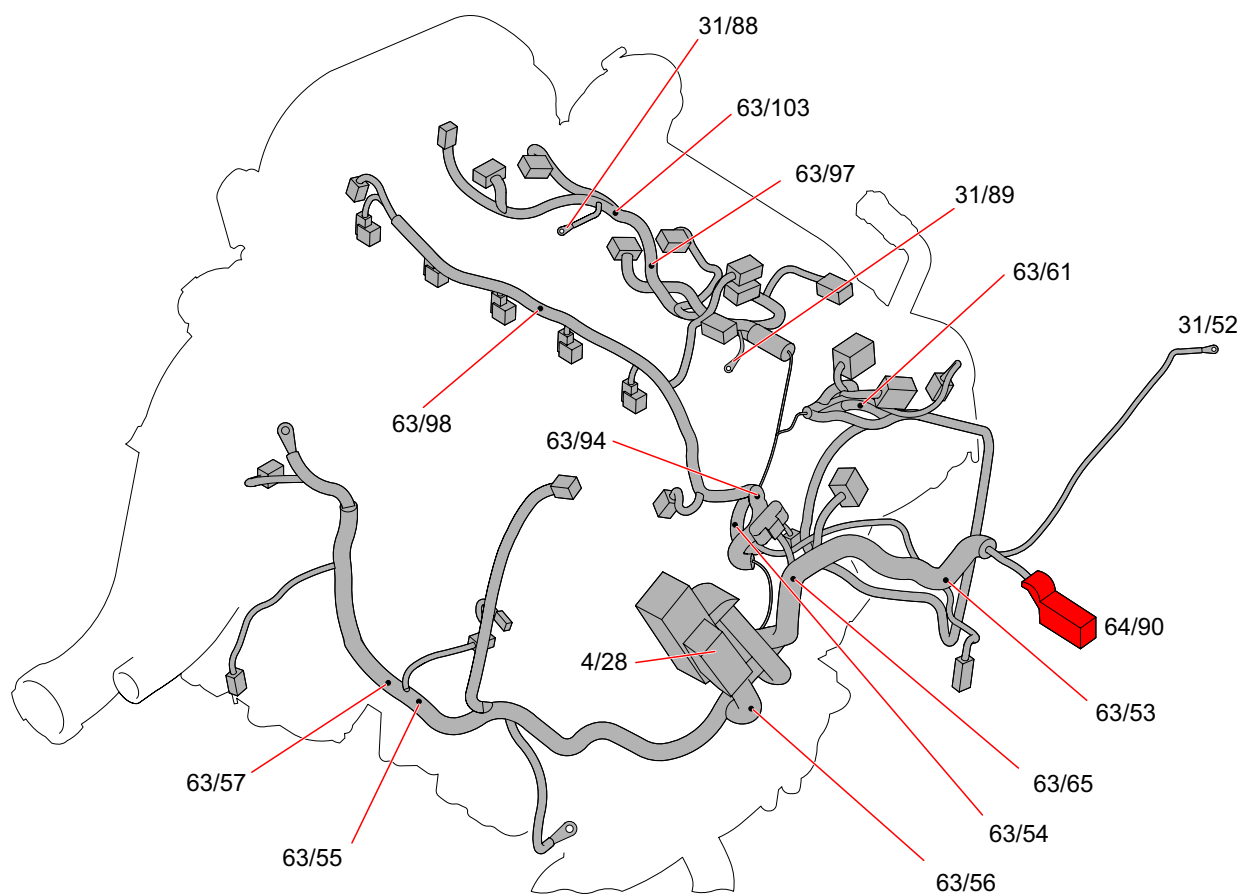
63/91G



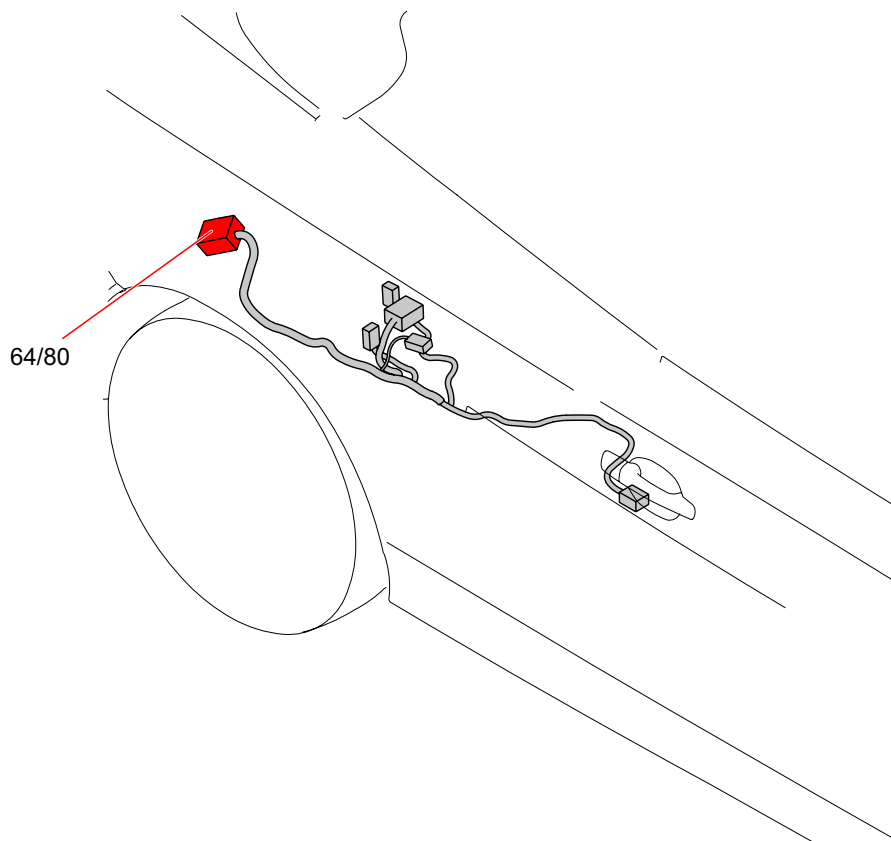
Cable harness routing in vehicle Engine harness 4-cyl. 1.8



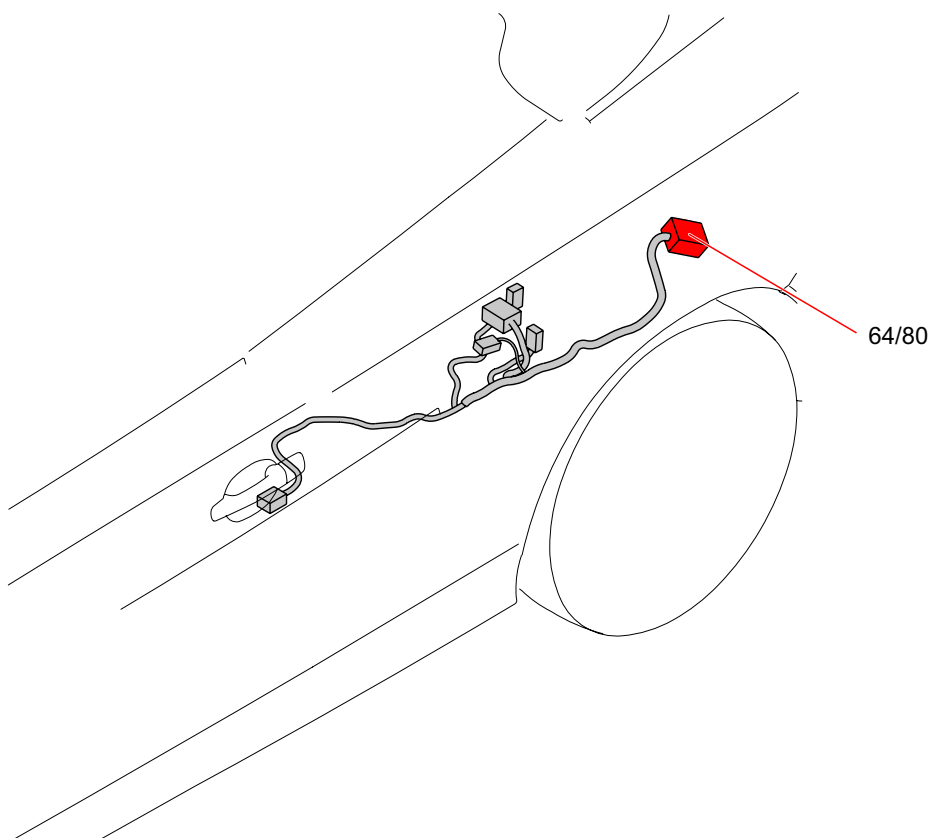
Cable harness routing in vehicle Engine harness 5-cyl. 2.4l



Cable harness routing in vehicle
Harness, rear side panel, right C70



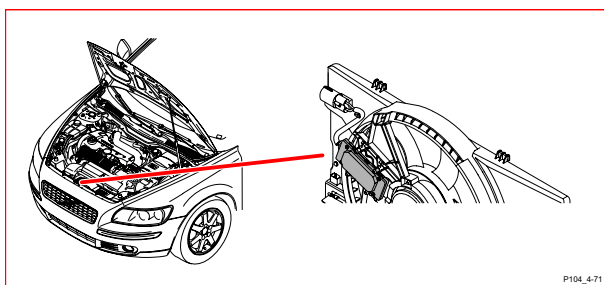
Cable harness routing in vehicle
Harness, rear side panel, left C70



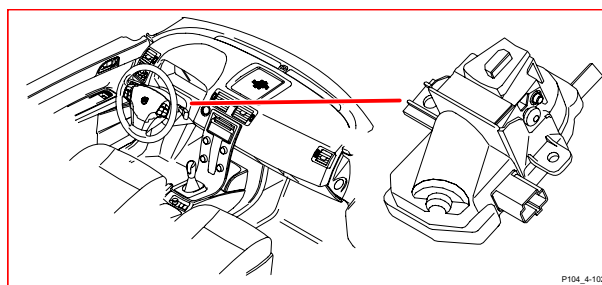
Component illustrations

4/71 - 4/112

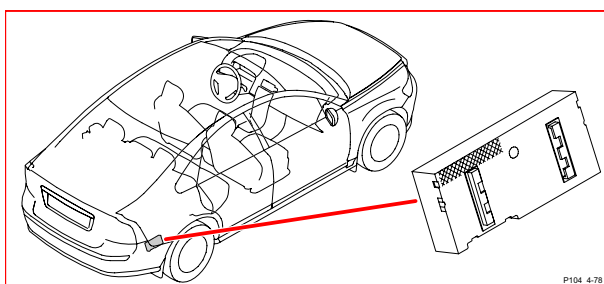
4/71 Cooling fan control module



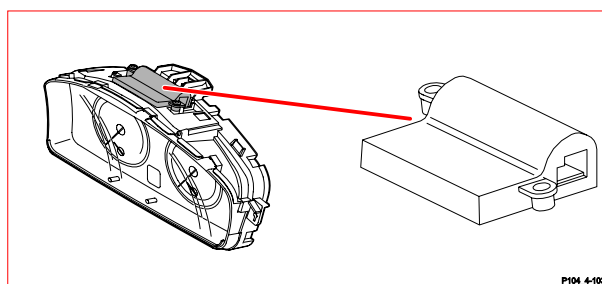
4/102 Steering Column Lock Module (SCL)



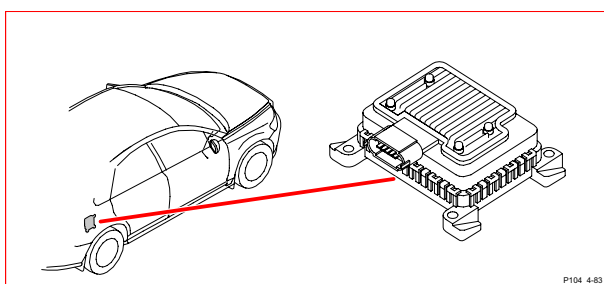
4/78 Accessory Electronic Module (AEM)



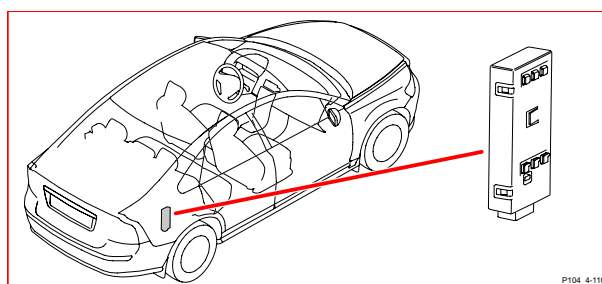
4/103 Remote Receiver Module (RRX)



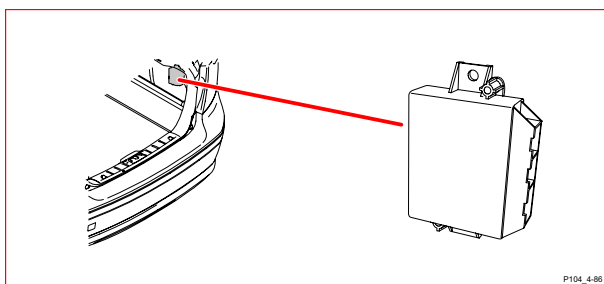
4/83 Control module fuel pump



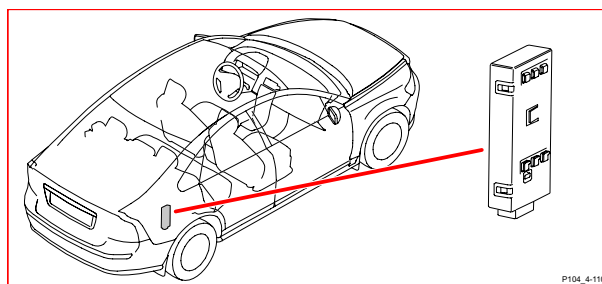
4/109 Glow plug control module



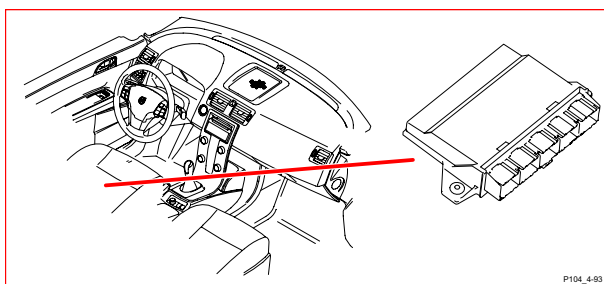
4/86 Parking Assistance Module (PAM)



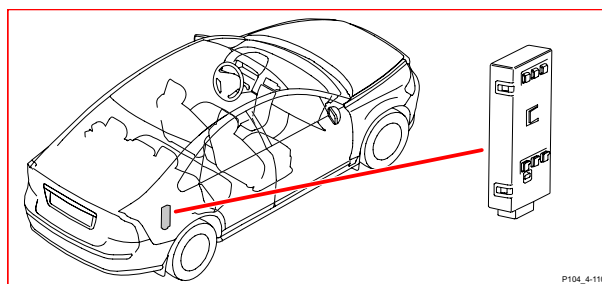
4/110 Trailer Module (TRM)



4/93 Keyless Vehicle Module (KVM)



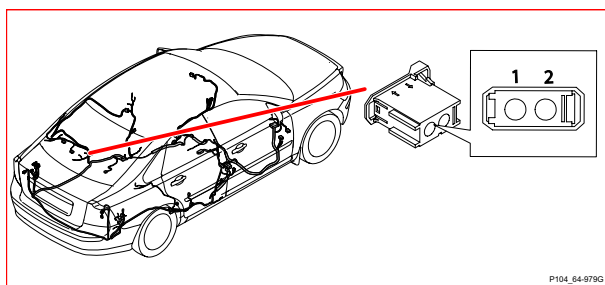
4/112 Control module, gas discharge lamp master, left



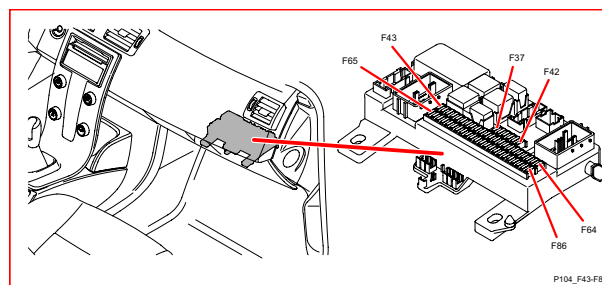
Component illustrations

64/979G - R/no.

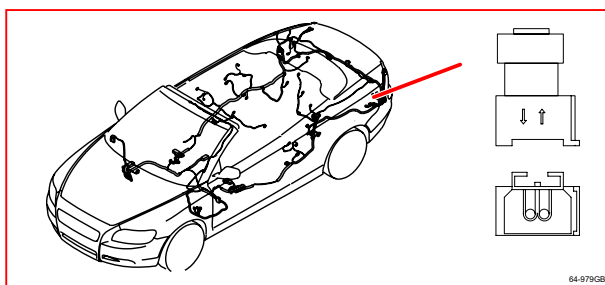
64/979G Connector



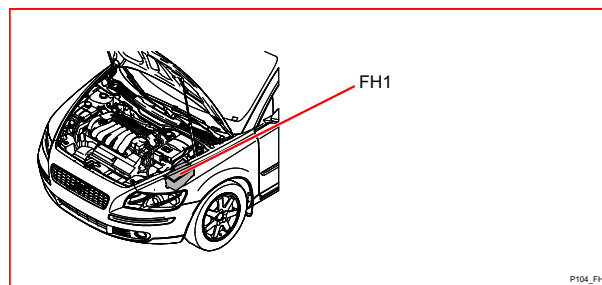
F/no. Fuse, passenger compartment



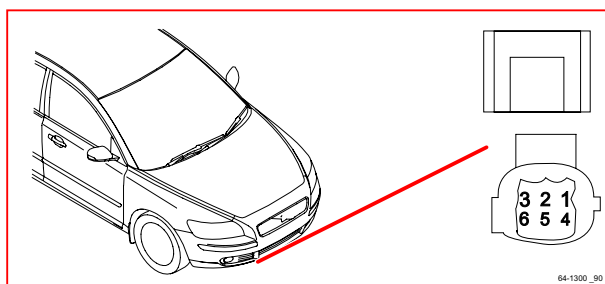
64/979GBConnector



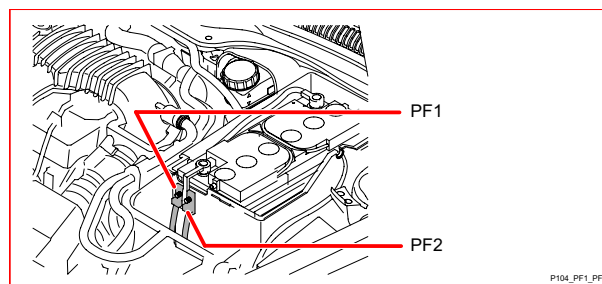
FH/no. Fuse in holder



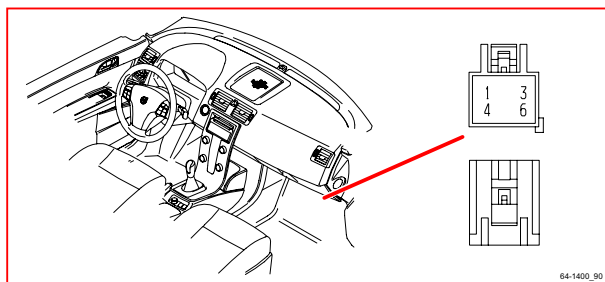
64/1300 Connector



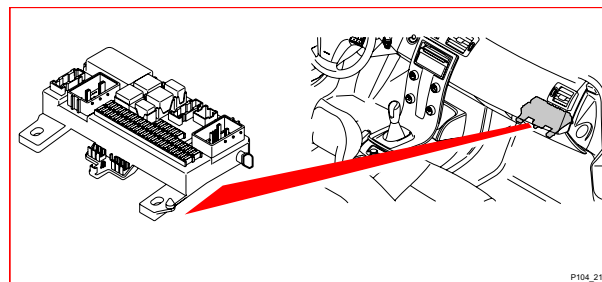
PF/no. Main fuse by battery



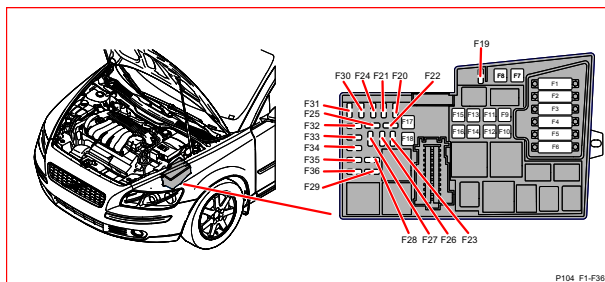
64/1400 Connector



R/no. Relay, soldered



F/no. Fuse, engine compartment



R/no. Relay, passenger compartment

