

WIRING DIAGRAM

Section 3 (39)
S60/S80
2003

TP 3966202

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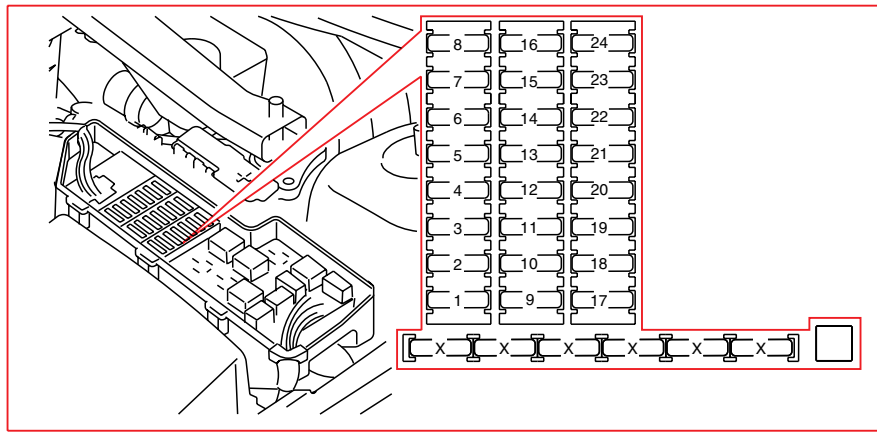


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Fuses

Engine compartment 11B/11-23

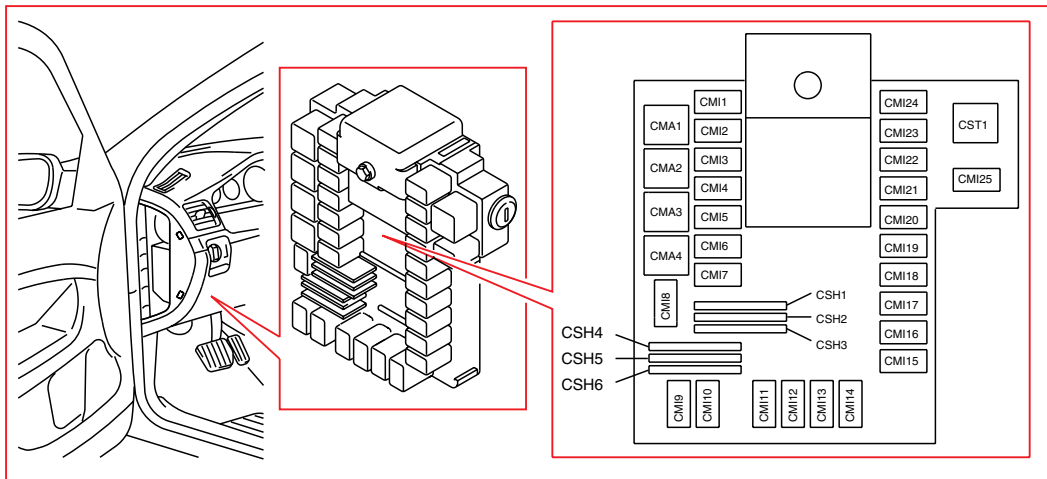


11B Fuses in the engine compartment

No.	Fuse function	via	A
11	2/14 Relay, glow plug unit 2/22 Relay, climate control system 8/17 EGR valve 8/64 Solenoid valve, engine mounting 8/82 Solenoid, variable turbo geometry 9/32 PTC resistor, air preheating, diesel 20/3-8 Spark plug and ignition coil		20
12	3/9 Brake light contact		5
13	6/1 Windshield wiper motor 2/90 Relay, windshield wiper, low/high speed 2/91 Relay, intermittent wiping	2/90, 2/91	25
14	4/16 Brake Control Module (BCM)		30
15	2/33 Relay, Bi-Fuel fuel system 8/79 Valve LPG	2/33	15
16	2/92 Relay, windshield washer motor 6/2 Windshield washer pump 6/3 Right-hand headlight wiper motor 6/4 Left-hand headlight wiper motor	2/92 2/92 2/92	15
17	10/66 Right-hand low beam Bi-Xenon, right		10
18	10/70 Left-hand low beam Bi-Xenon, left		10
19	4/16 Brake Control Module (BCM)		30
20	10/68 Left-hand high beam		15
21	10/64 Right-hand high beam		15
22	6/25 Starter motor	2/35	25
23	2/32 Engine management system main relay 4/46 Engine Control Module (ECM)		5

Relays/Shunts

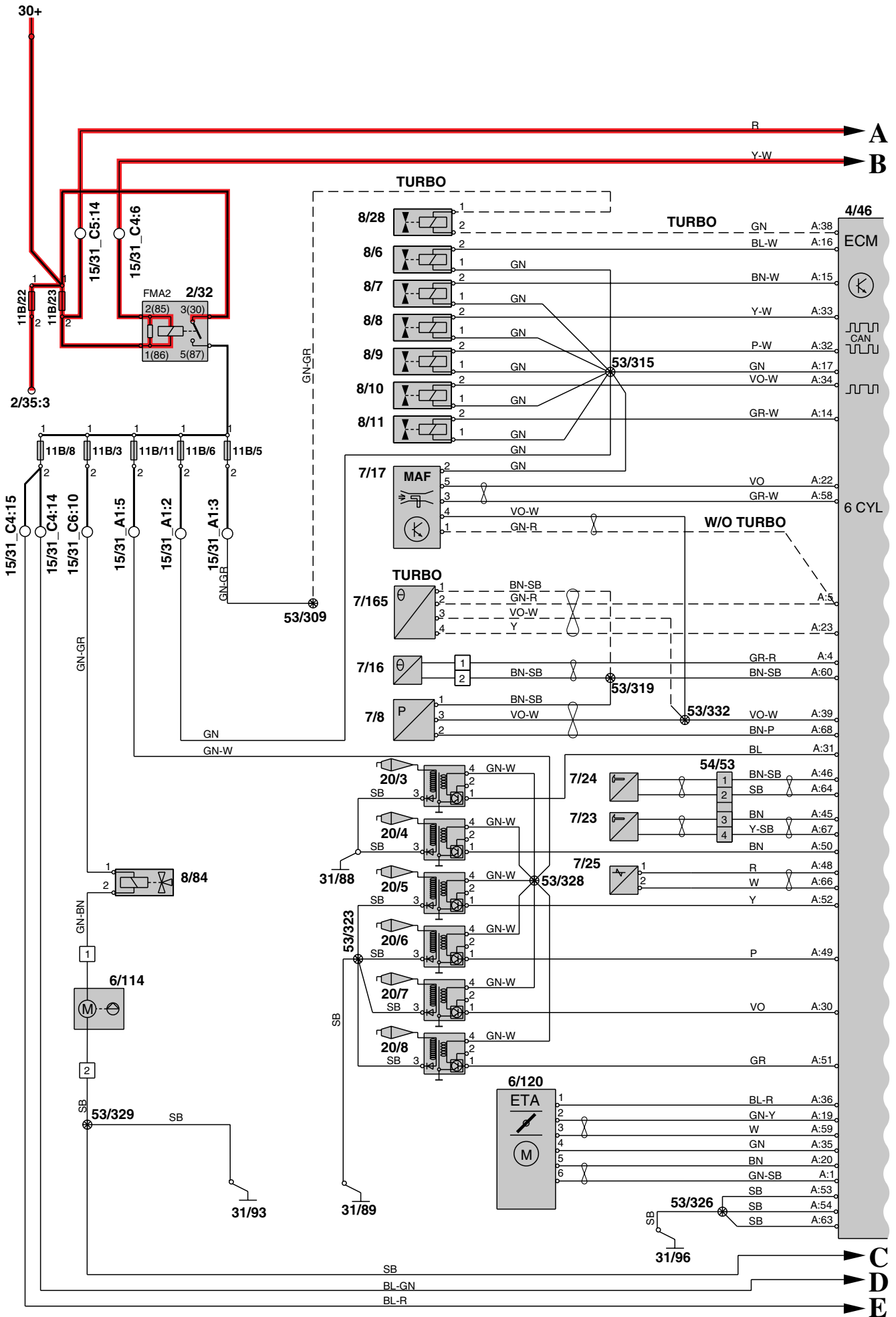
Passenger compartment CMA2 - CSH4



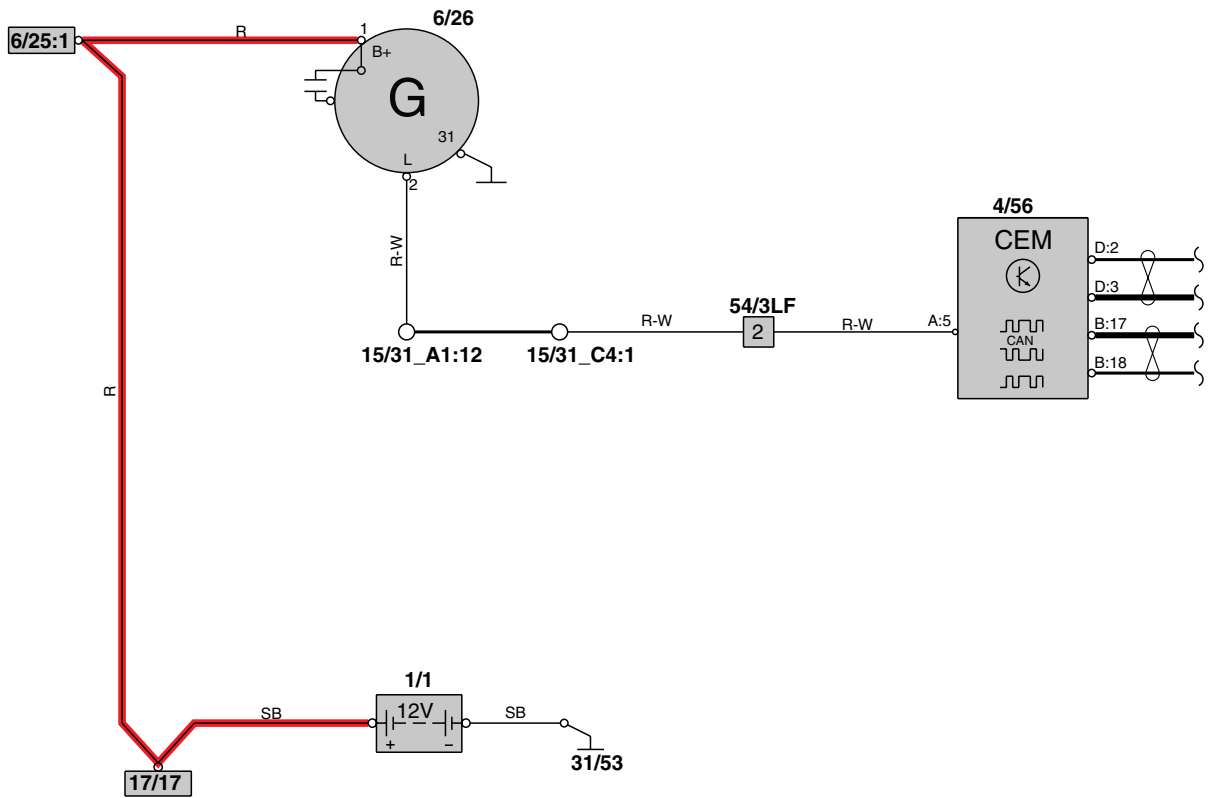
Relays/shunts in the passenger compartment

Pos	Relay function
CMA2	2/30 X feed overload relay
CMA3	2/31 15-feed overload relay
CMI1	2/116 Rear power window up relay
CMI2	2/118 Rear power window down relay
CMI3	2/120 Relay - power windows, power child lock rear door
CMI4	2/63 High beam relay
CMI5	2/61 Relay, parking light
CMI7	2/62 Relay, low beam/Bi-Xenon
CMI11	2/34 Fog light relay, front
CMI12	2/23 Fuel pump relay
CMI14	2/143 Relay, fuel leakage control
CMI21	2/101 Relay for extended D2 feed, automatic transmission
CMI22	2/29 Relay, extended D1 feed
CMI23	2/119 Right rear power window down relay
CMI24	2/117 Right rear power window up relay
CSH1	20/32 Shunt, indicator CEM, left
CSH2	20/34 Shunt, indicator CEM, right
CSH4	20/27 Shunt, low beam CEM

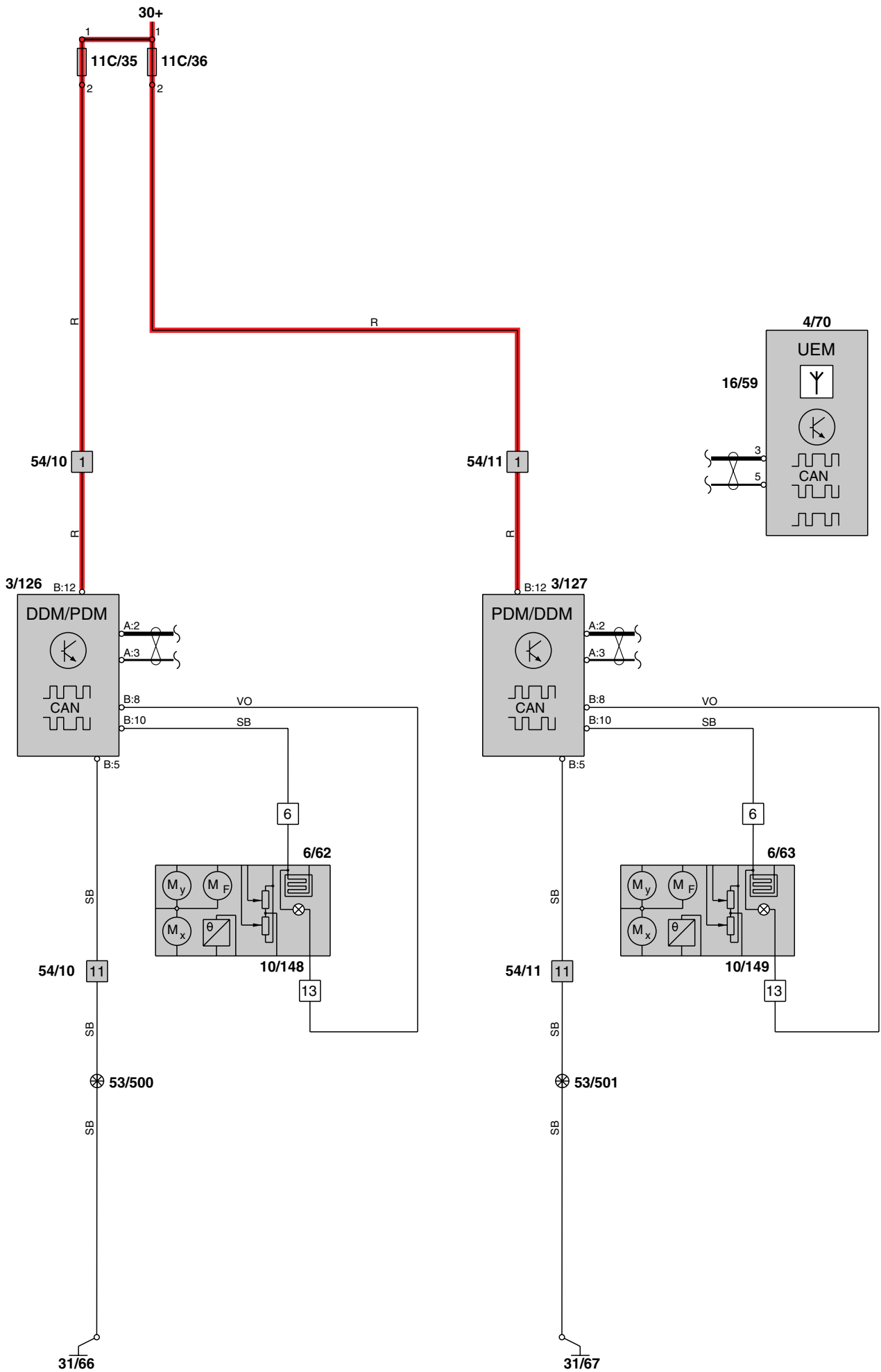
Engine management system, 6-cyl



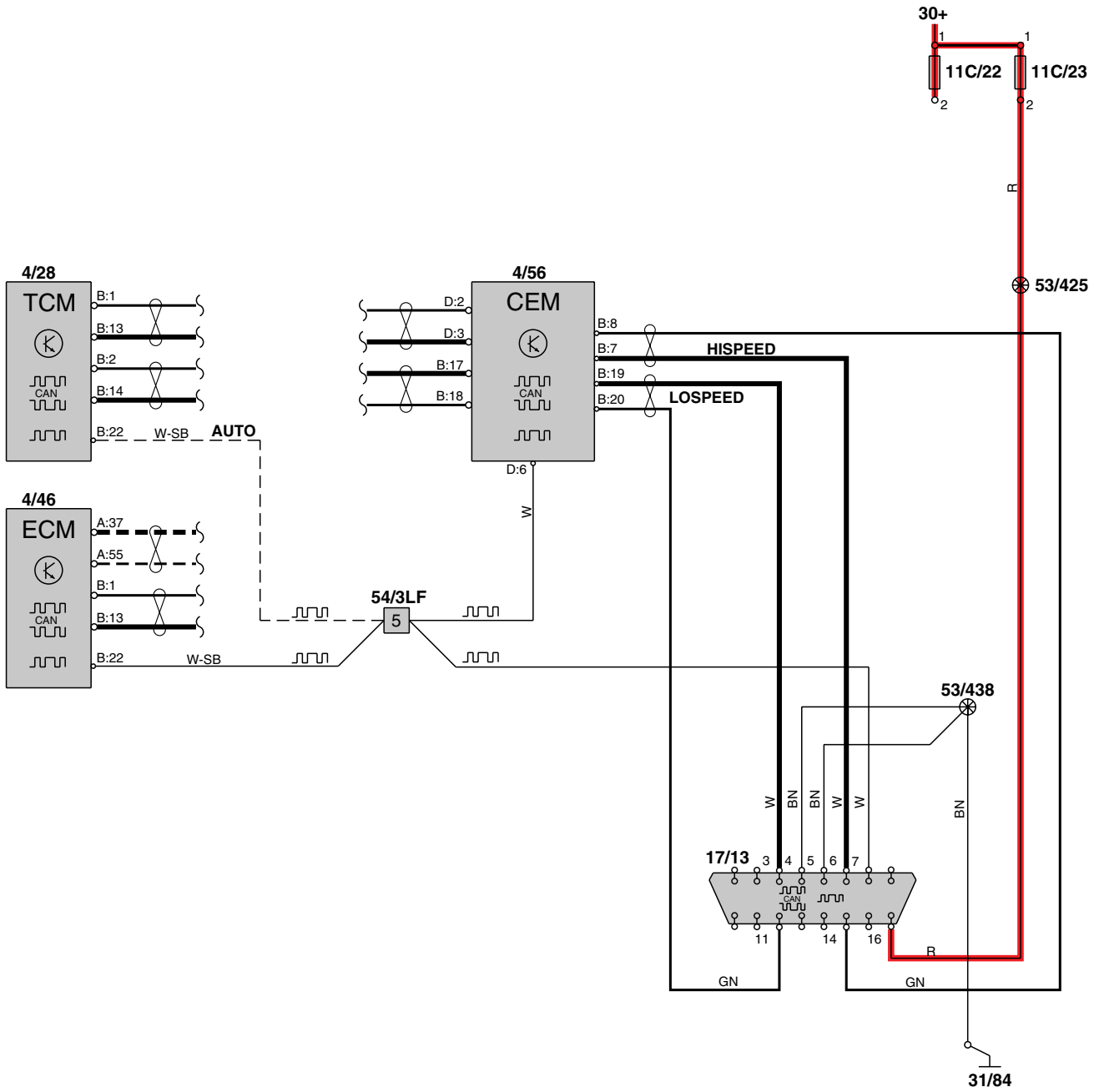
Group 32 Power supply



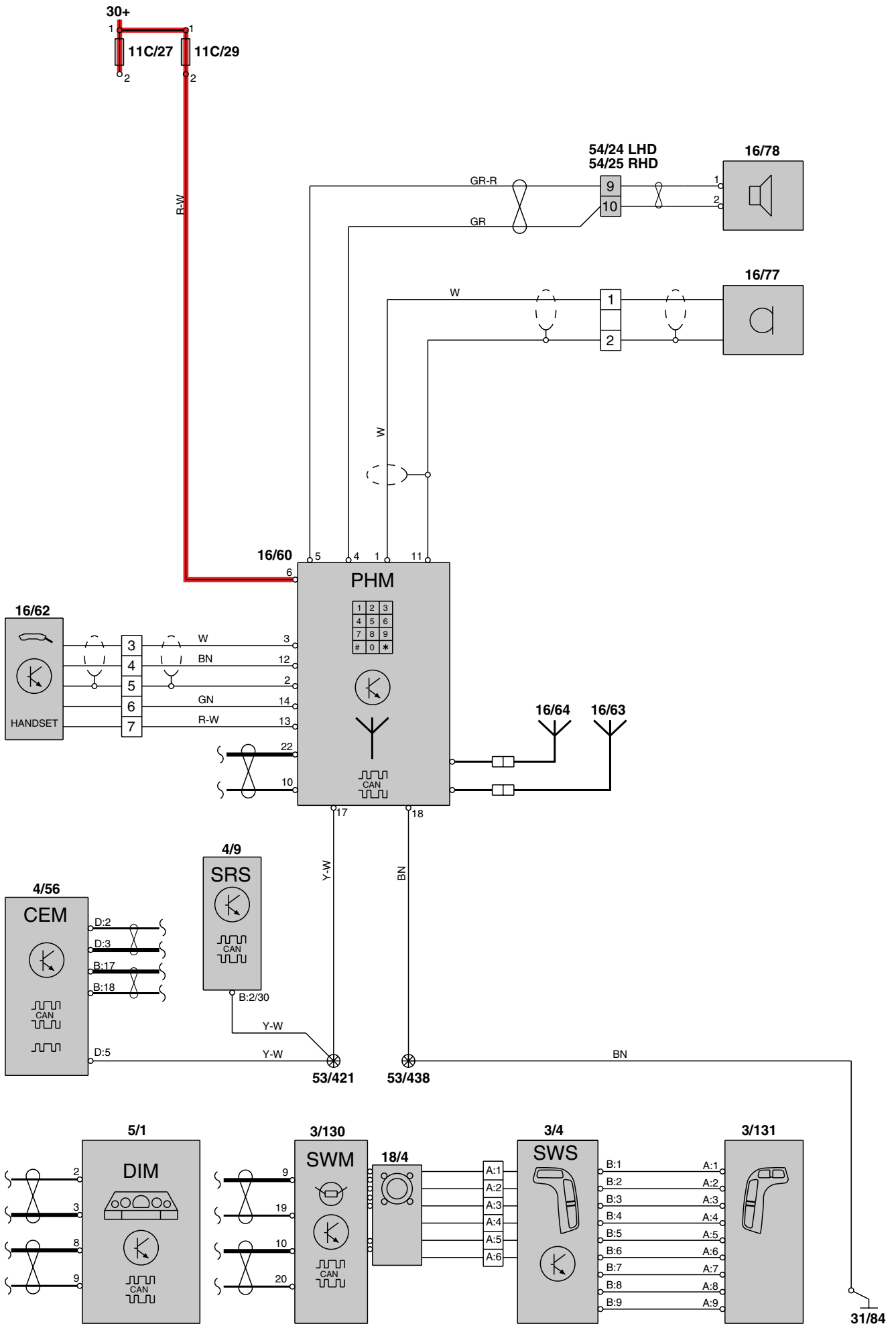
Safety lighting



Diagnostics system



Mobile phone



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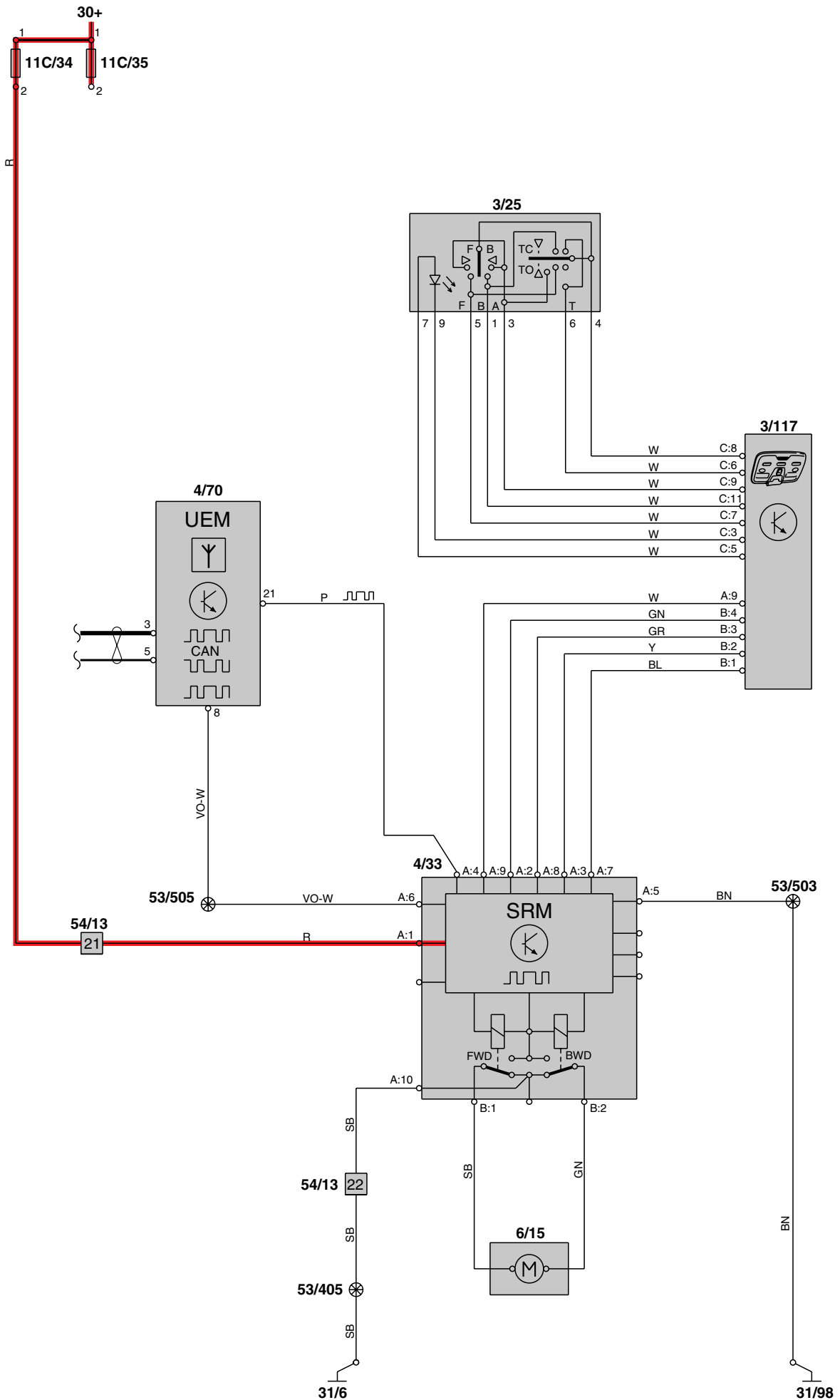
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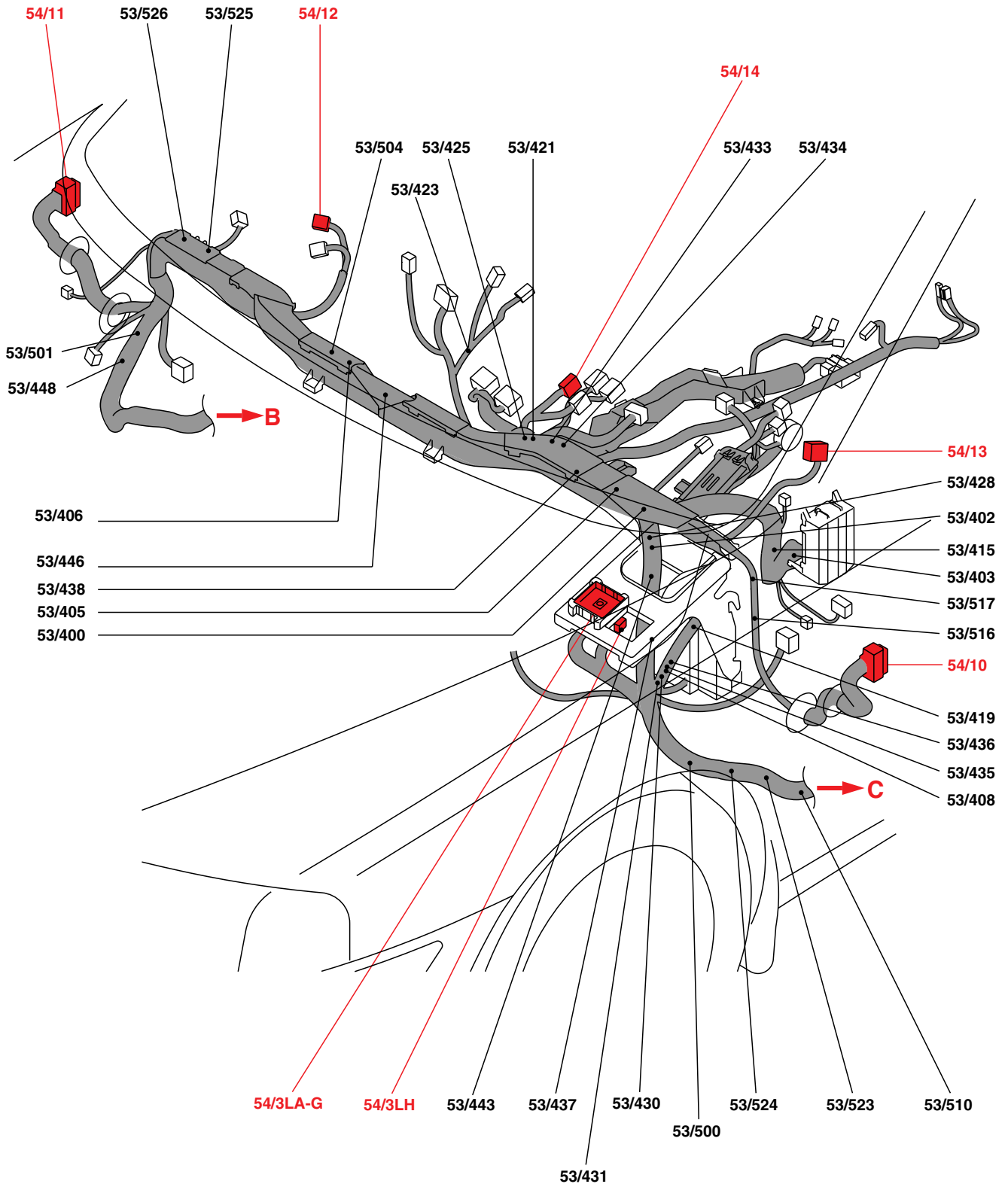
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Power sunroof



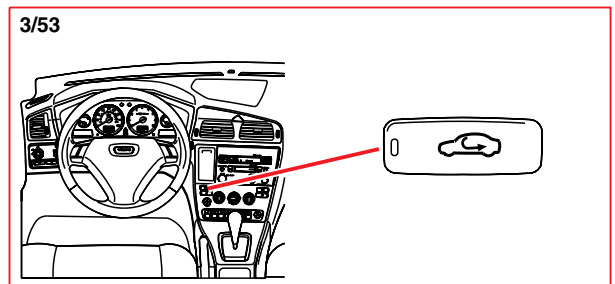
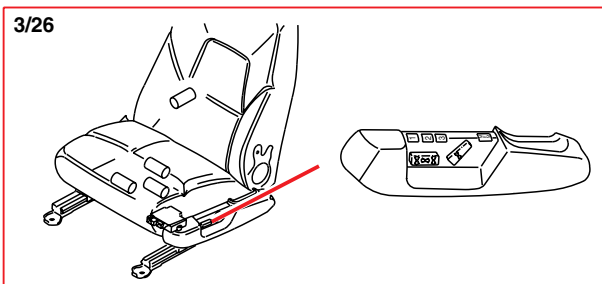
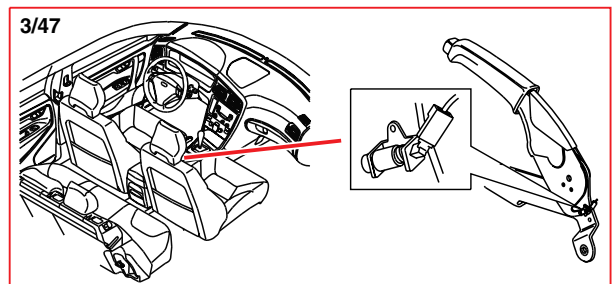
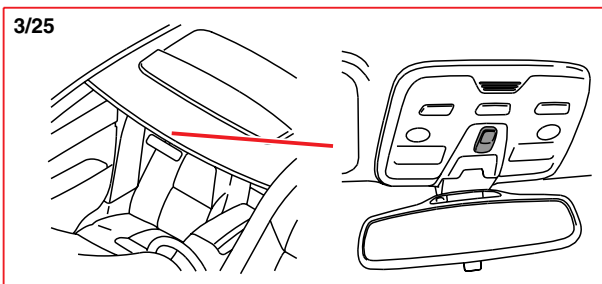
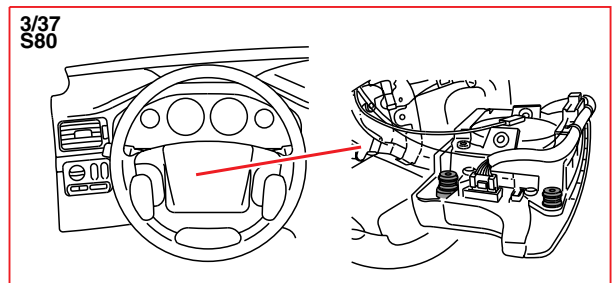
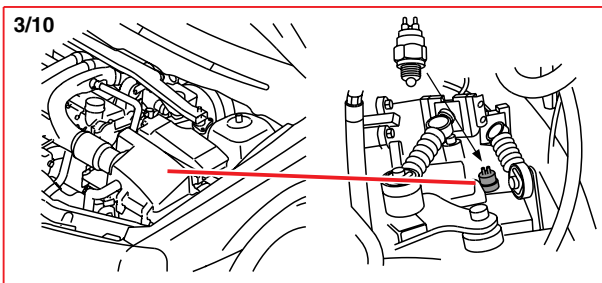
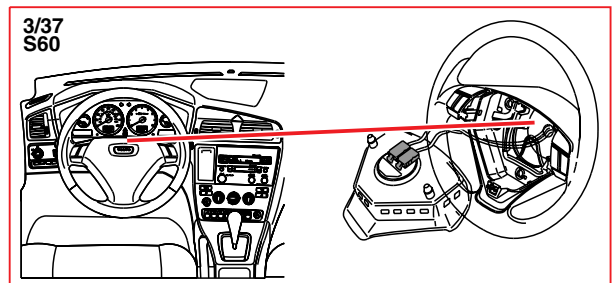
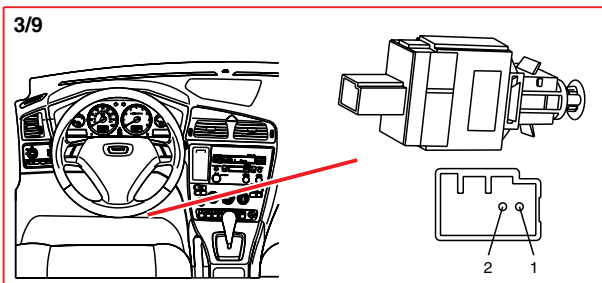
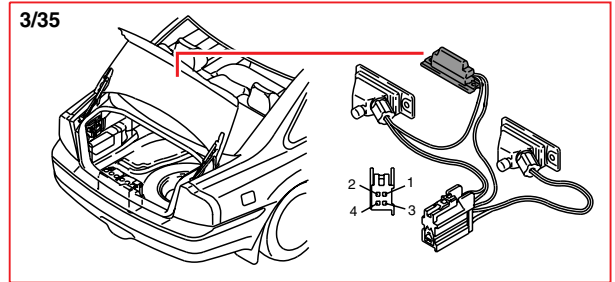
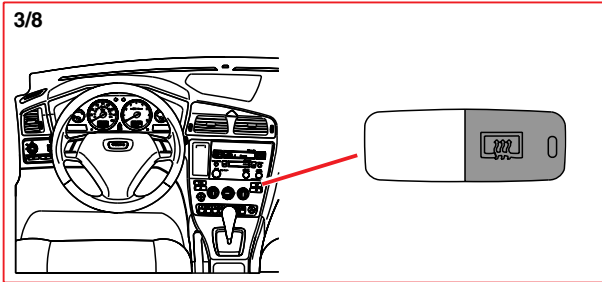
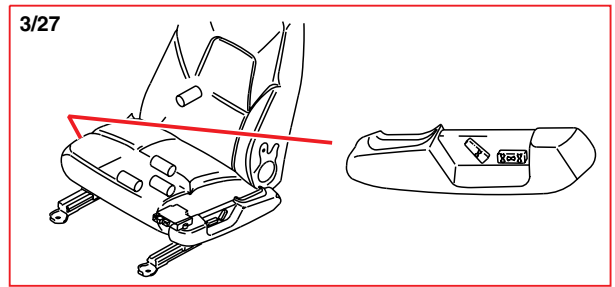
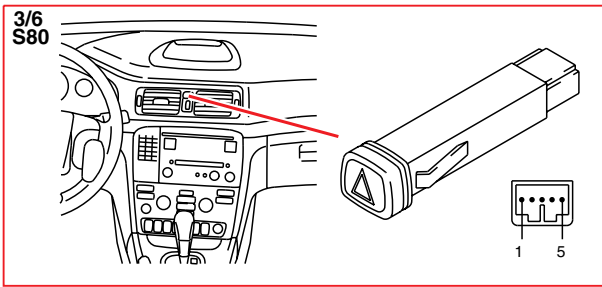
Cable harness routing in vehicle

Front passenger compartment harness LHD



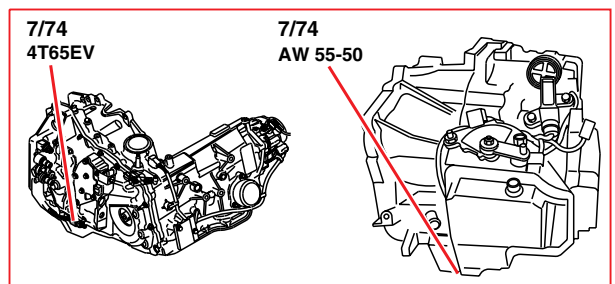
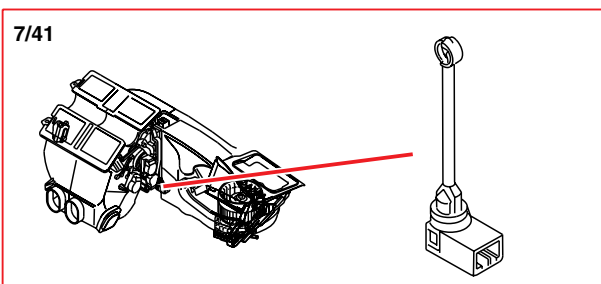
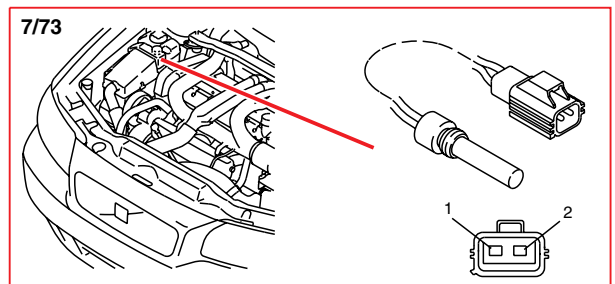
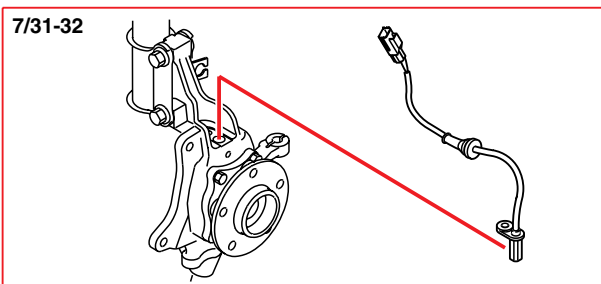
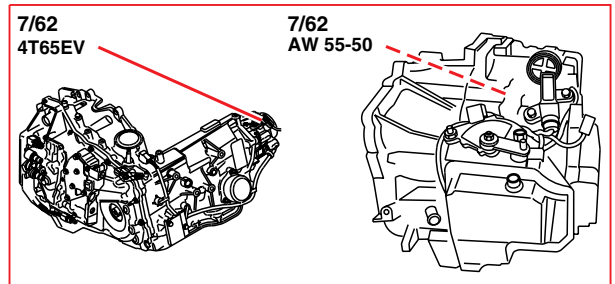
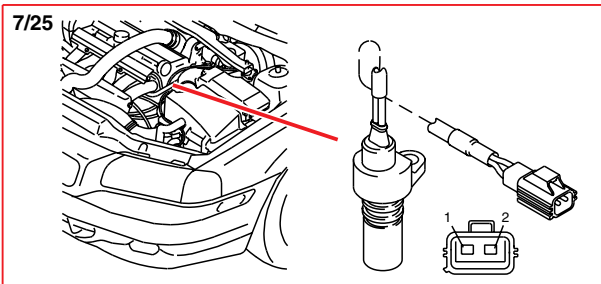
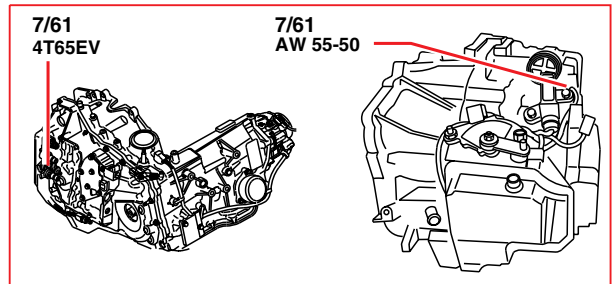
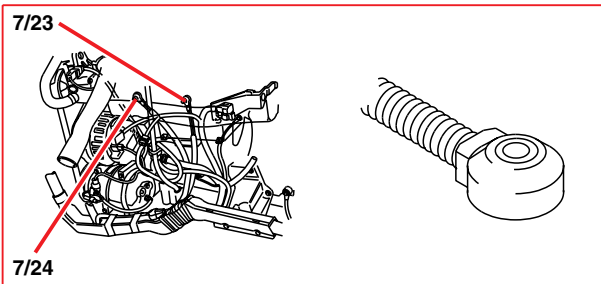
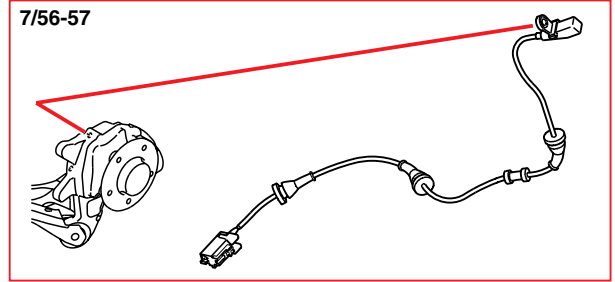
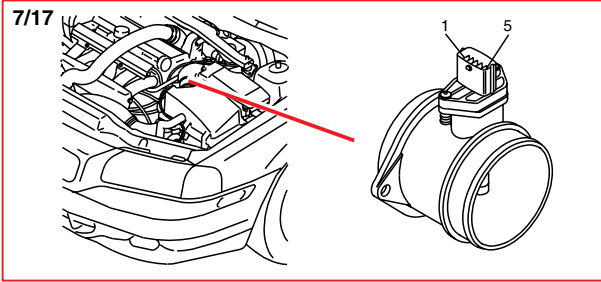
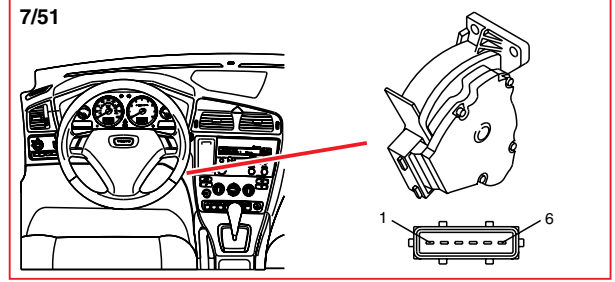
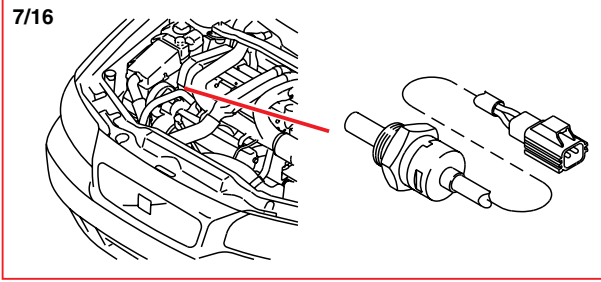
Component illustrations

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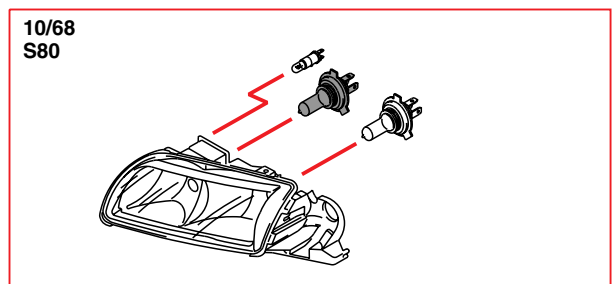
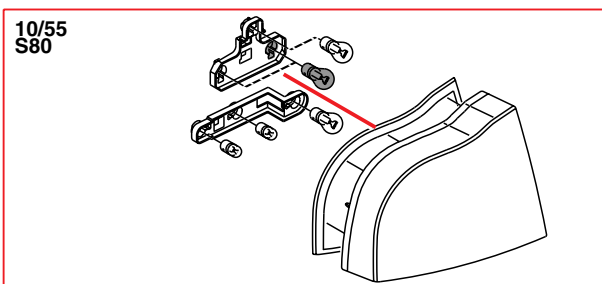
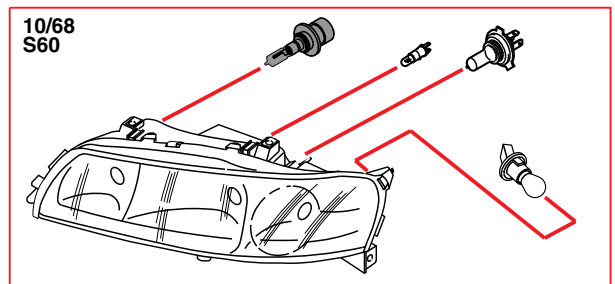
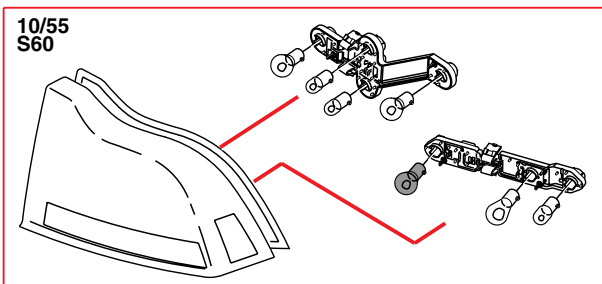
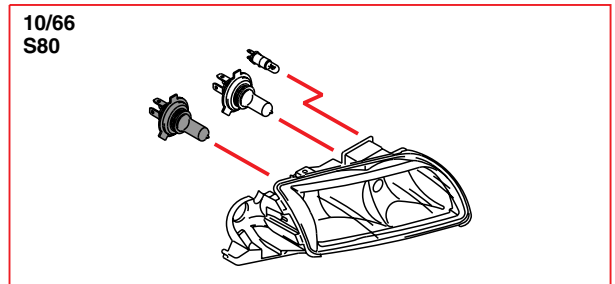
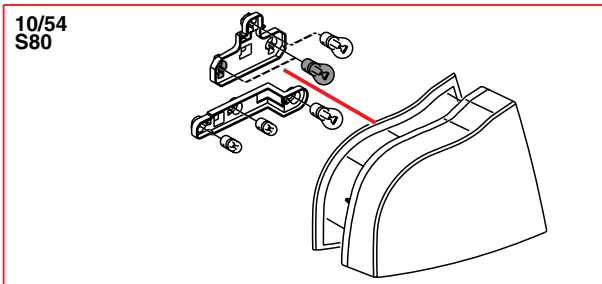
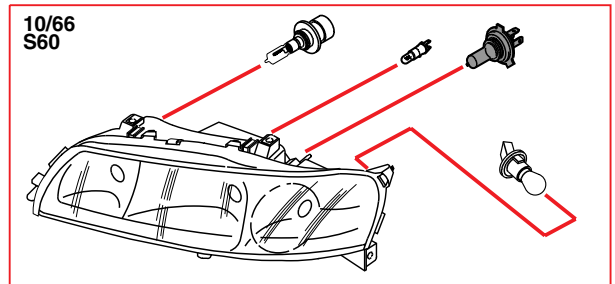
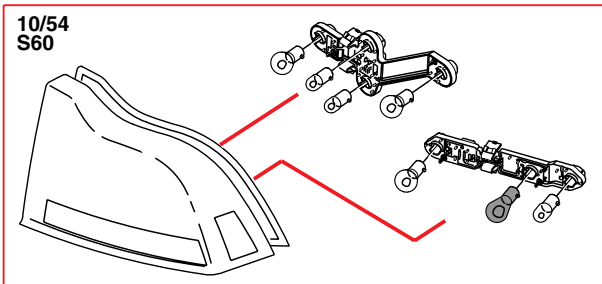
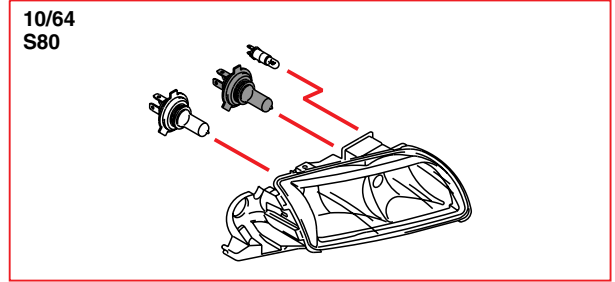
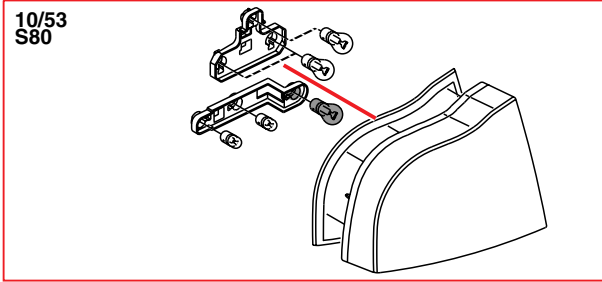
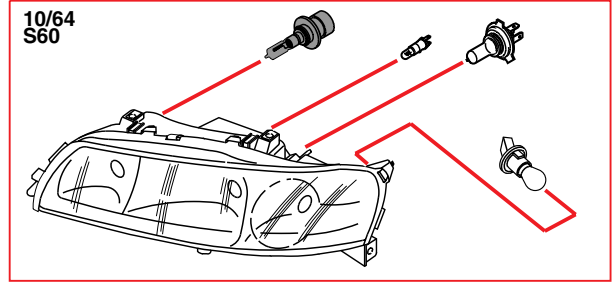
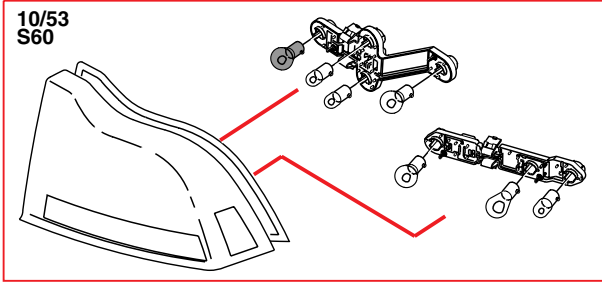
Component illustrations

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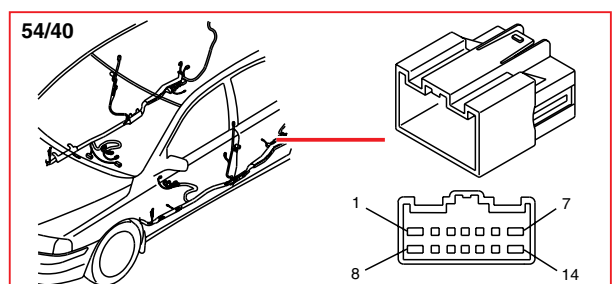
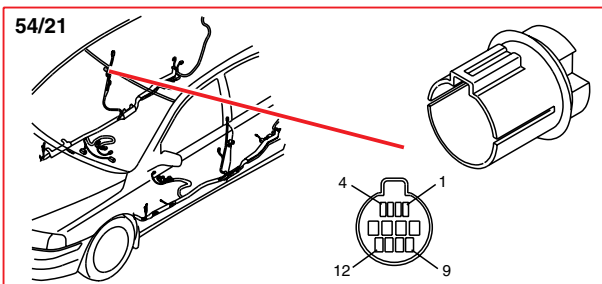
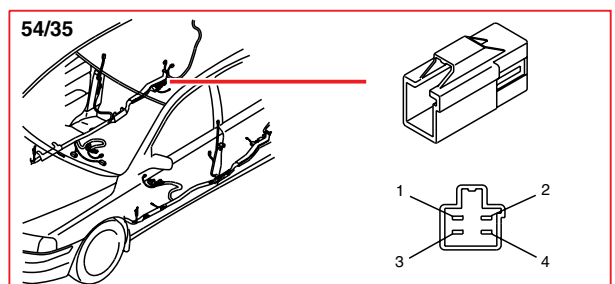
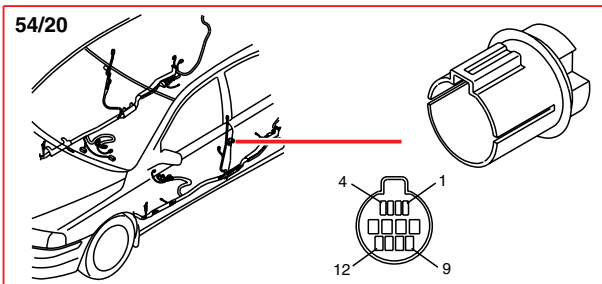
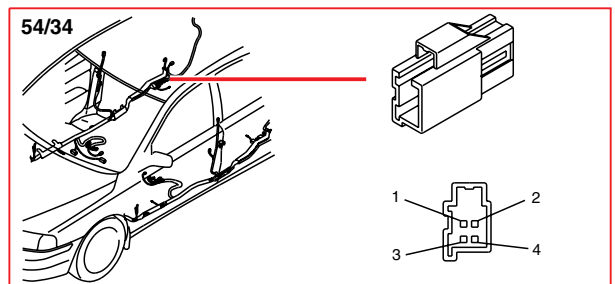
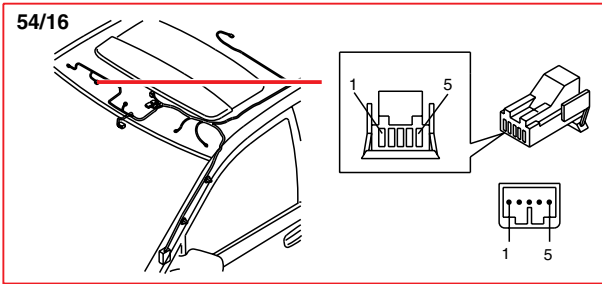
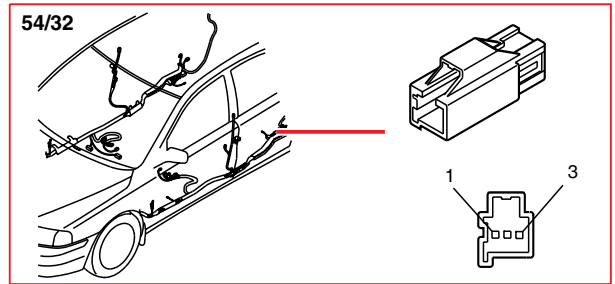
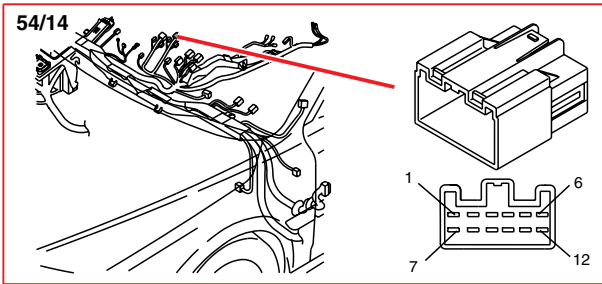
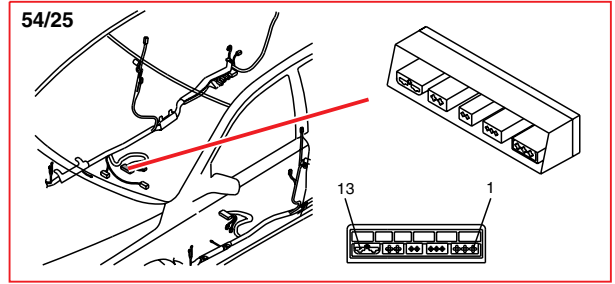
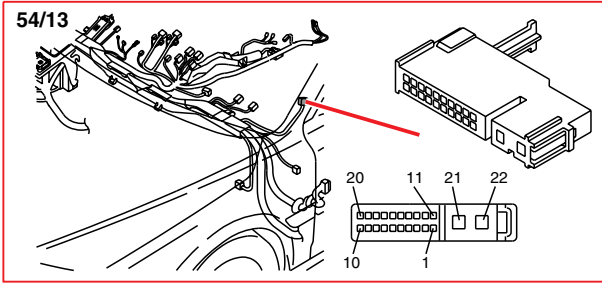
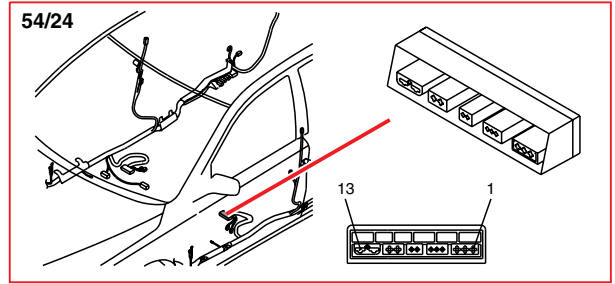
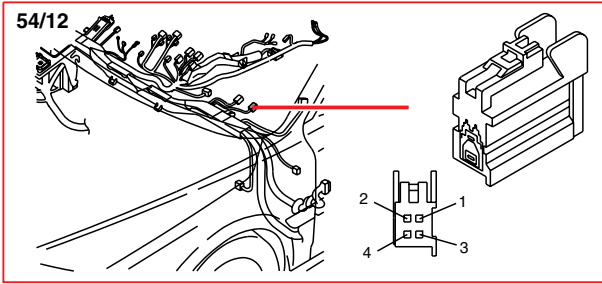
Component illustrations

10/53 - 10/68



Component illustrations

54/12 - 54/40



54/12
12-pin black

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

54/13
22-pin black

No.	Passenger compartment harness			Roof harness		
1	11C28:2	Fuse in passenger compartment fuse box	R	53/534	Junction point	R
2-4	-		-	-		-
5	53/516	Junction point	W	4/70:3	Upper Electronic Module UEM	W
6	53/517	Junction point	GN	4/70:5	Upper Electronic Module UEM	GN
7-10	-		-	-		-
11	4/56B:5	Central Electronic Module CEM	Y-R	10/19:1	Auxiliary brake light	Y-R
12-13	-		-	-		-
14	54/3LF:8	Connector	W	54/16:4	Connector	W
15	54/3LG:5	Connector	P	4/33:4 4/70:21	Sunroof control module SRM Upper Electronic Module UEM	P
16	4/56A:15	Central Electronic Module CEM	Y	-		-
17-19	-		-	-		-
20	53/400	Junction point	BN	53/503	Junction point	BN
21	11C/34:2	Fuse in passenger compartment fuse box	R	4/33A:1	Sunroof control module SRM	R
22	53/405	Junction point	SB	4/33A:10	Sunroof control module SRM	SB

54/106
4-pin light gray

No.	Cargo compartment harness		Harness, fuel tank CNG front			
1	2/140:1	Relay CNG/LPG	Y-R	8/89:1 8/90:1	Solenoid, fuel tank CNG front left Solenoid, fuel tank CNG front right	Y-R
2	53/604	Junction point	SB	8/89:2 8/90:2	Solenoid, fuel tank CNG front left Solenoid, fuel tank CNG front right	SB
3	-	-	-	-	-	-
4	-	-	-	-	-	-

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