

WIRING DIAGRAM

Section 3 (39)
S60/S80
2002

TP 3960202

Abbreviations	3
How to use the wiring diagram	4
Electrical distribution	
Overview	6
Fuses	
Engine compartment 11A/1-7	8
Engine compartment 11B/1-9	9
Engine compartment 11B/11-23	10
Passenger compartment 11C/1-21	11
Passenger compartment 11C/22-28	12
Passenger compartment 11C/29-38	13
Cargo compartment 11D/1-18	14
Cargo compartment 11E/1-7	15
Relays/Shunts	
Ignition switch with relays	16
Engine compartment FMA2 - FST3	17
Passenger compartment CMA2 - CSH4	18
Cargo compartment RMA1 - RSH6	19
Other relays	20
Ground connection	
31/1 - 31/66	21
31/67 - 31/91	22
31/93 - 31/98	23
Control modules	
Overview	24
Central Electronic Module CEM	26
Rear Electronic Module REM	28
Data communication	30
Group 23	
Engine management system Denso	32
Engine management system, ME7 5-cylinders	34
Engine management system, ME7 6-cylinders	36
Engine management system, Bifuel	38
Engine management system, Diesel	40
Emission control Denso	42
Emission control ME7	43
Group 26	
Electric cooling fan	44
Group 27	
Cruise control	45
Group 32	
Power supply	46
Group 33	
Starting system	47
Group 35	
High beam, low beam and auxiliary light wiring	48
High beam, low beam and auxiliary light wiring Bi-Xenon	49

Fog lights	50
Parking lights, tail lights and license plate lighting	51
Brake lights	52
Reversing lights	53
Interior lighting	54
Beam length adjustment	55
Instrument and control lighting	56
Safety lighting	57

Group 36

Indicators and warning lights	58
Horn	59
Wiper/Washer, Windshield	60
Wiper/Washer, Headlights	61
Rain sensor	62
Electronic immobilizer	63
Anti-theft alarm	64
Control module, electronic accessories	65

Group 37

Diagnostics system	66
Towing bracket wiring	67
12V outlet	68
12V outlet, cargo compartment	69

Group 38

Seat belt reminder	70
Combined instrument panel	71
Combined instrument panel, Bifuel	72

Group 39

Audio without auxiliary amplifier	73
Audio with auxiliary amplifier	74
Road Traffic Information RTI	76
Mobile telephone	77

Group 43

Automatic transmission, AW 55-50	78
Automatic transmission, 4T65EV	79
Geartronic	80
Shift lock	81
Differential Electronic Module DEM	82

Group 59

Brake control system	83
----------------------------	----

Group 64

Electronic power steering	84
---------------------------------	----

Group 83

Power windows	85
Central lock	86
Power sunroof	87

Group 84

Heated rear window	88
Heated door mirrors	89
Power door mirrors	90

Order number TP 3960202

Replaces previous manual TP 3960201

Contents

Group 85

Heated seats.....	91
Power driver's seat.....	92
Power passenger seat.....	93

Group 87

Standard heater.....	94
Manual climate control (MCC).....	95
Electronic climate control (ECC).....	96
Parking heater, auxiliary heater.....	97

Group 88

Electrically adjustable head restraint.....	98
Supplemental Restraint System (SRS).....	99
Remote controlled garage door opener.....	100

Connectors

54/1B - 54/3LB.....	101
54/3LC - 54/3LE.....	102
54/3LF - 54/3LG.....	103
54/3LH - 54/8.....	104
54/9 - 54/10.....	105
54/11 - 54/12.....	106
54/13 - 54/14.....	107
54/16 - 54/20.....	108
54/21 - 54/22B.....	109
54/23A - 54/24.....	110
54/25 - 54/33.....	111
54/34 - 54/37.....	112
54/40 - 54/40A.....	113
54/40B - 54/50.....	114
54/51 - 54/54.....	115
54/55 - 54/58.....	116
54/59 - 54/74.....	117
54/79 - 54/106.....	118

Junction points

53/301 - 53/326.....	119
53/328 - 53/368.....	120
53/369 - 53/378.....	121
53/379 - 53/405.....	122
53/406 - 53/431.....	123
53/433 - 53/500.....	124
53/501 - 53/517.....	125
53/519 - 53/528.....	126
53/531 - 53/609.....	127
53/615 - 53/664.....	128

Cable harness routing in vehicle

Engine harness ME7/Denso.....	129
Engine harness Diesel.....	130
Transmission harness 4T65EV.....	131
Front engine compartment harness LHD.....	132
Front engine compartment harness RHD.....	133
Front passenger compartment harness LHD.....	134
Front passenger compartment harness RHD.....	135
Rear passenger compartment harness & Cargo compartment harness, tunnel.....	136
Roof harness & Trunk lid/tailgate harness.....	137
Door harness.....	138
Bifuel harness.....	139

Component illustrations

1/1 - 2/34.....	140
2/35 - 2/82.....	141
2/83 - 2/119.....	142
2/120 - 3/6.....	143
3/6 - 3/53.....	144
3/56 - 3/86.....	145
3/91 - 3/122.....	146
3/123 - 3/171.....	147
3/173 - 4/46.....	148
4/50 - 4/202.....	149
5/1 - 6/25.....	150
6/26 - 6/63.....	151
6/64 - 6/103.....	152
6/105 - 7/15.....	153
7/16 - 7/74.....	154
7/77 - 7/116.....	155
7/120 - 7/159.....	156
7/162 - 8/28.....	157
8/30 - 8/46.....	158
8/51 - 8/78.....	159
8/79 - 9/13.....	160
9/16 - 10/12.....	161
10/11 - 10/45.....	162
10/44 - 10/52.....	163
10/53 - 10/68.....	164
10/70 - 10/130.....	165
10/129 - 15/20.....	166
15/21 - 16/6.....	167
16/9 - 16/47.....	168
16/55 - 17/13.....	169
17/17 - 20/32.....	170
20/33 - 31/47.....	171
31/48 - 31/93.....	172
31/94 - 54/9.....	173
54/10 - 54/33.....	174
54/34 - 54/55.....	175
54/56 - 54/106.....	176

List of components

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	= The switch remains connected during start
15I	= Contact is broken while starting
30	= Constant power from the battery
50	= Start

Countries/Markets

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

Other

ACC	= Accessory
AMP	= Amplifier
AUDIO	= Audio system
AUTO	= Automatic transmission
BIX	= Bi-Xenon
CEM	= Central Electronic Module
DENSO	= Fuel control system - gasoline, 5 cylinder
DSTC	= Dynamic Stability Traction Control
E.E	= Early edition
EXT.D	= Extended electrical distribution
HISPEED	= High speed data bus
L.E	= Late edition
LH	= Left-hand side
LHD	= Left-hand drive
LOSPEED	= Low speed data bus
MAN	= Manual transmission
ME7	= Fuel control system, gasoline, turbo 5-cyl, 6-cyl
PCL	= Power Child Lock
REM	= Rear Electronic Module
RH	= Right-hand side
RHD	= Right-hand drive
RTI	= Road Traffic Information
SRS	= Airbag
STC	= Stability Traction Control
TELE	= Mobile telephone
TURBO	= Turbo engine
W/O	= Without

Colors

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

How to use the wiring diagram

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

A. Component designation

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

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

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

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

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

List of type numbers

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

1	Battery
2	Relay
3	Switch
4	Control module
5	Combined instrument panel
6	Electric motor
7	Sensor
8	Actuator
9	Heating element
10	Light
11	Fuse
15	Distribution rail
16	Audio
17	Service/diagnostics
18	Contact reel
19	Meter
20	Ignition component/shunt
31	Ground connection
53	Junction point
54	Connector

B. Junction points

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

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

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

C. Connectors

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

D. Electrical distribution

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

E. Data communication

Today's cars are equipped with a CAN network, which transmits information. Connections to this network are shown in their entirety on the respective wiring diagrams. Complete information on CAN communication is can be found in the section titled "Data communication".

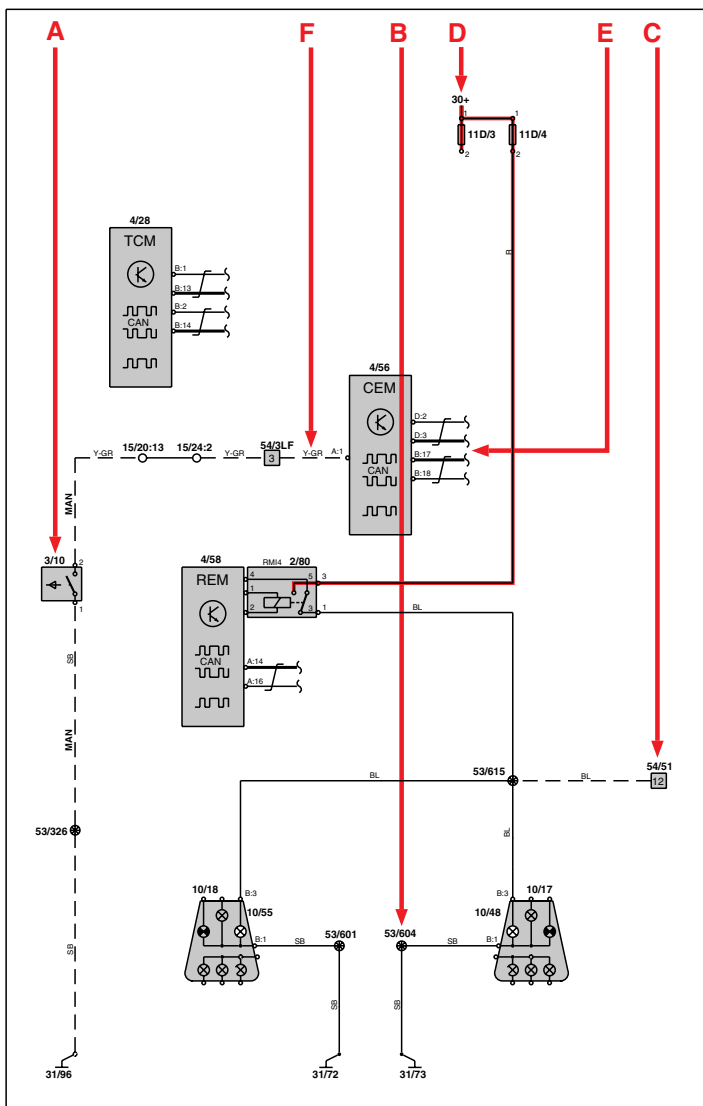
F. Abbreviations

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




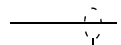

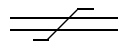




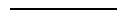

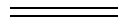


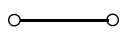
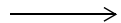


G. Component location

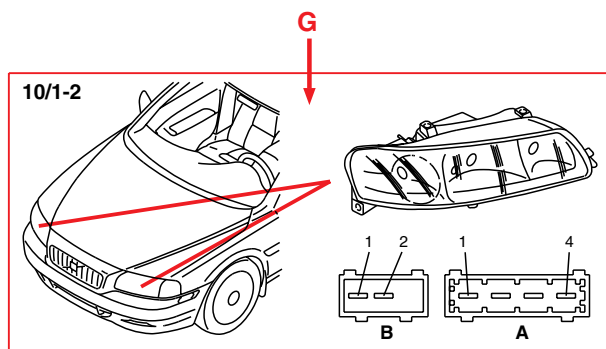
There is a section at the end of the manual in which the appearance and location of components is described in numerical order.

How to use the wiring diagram

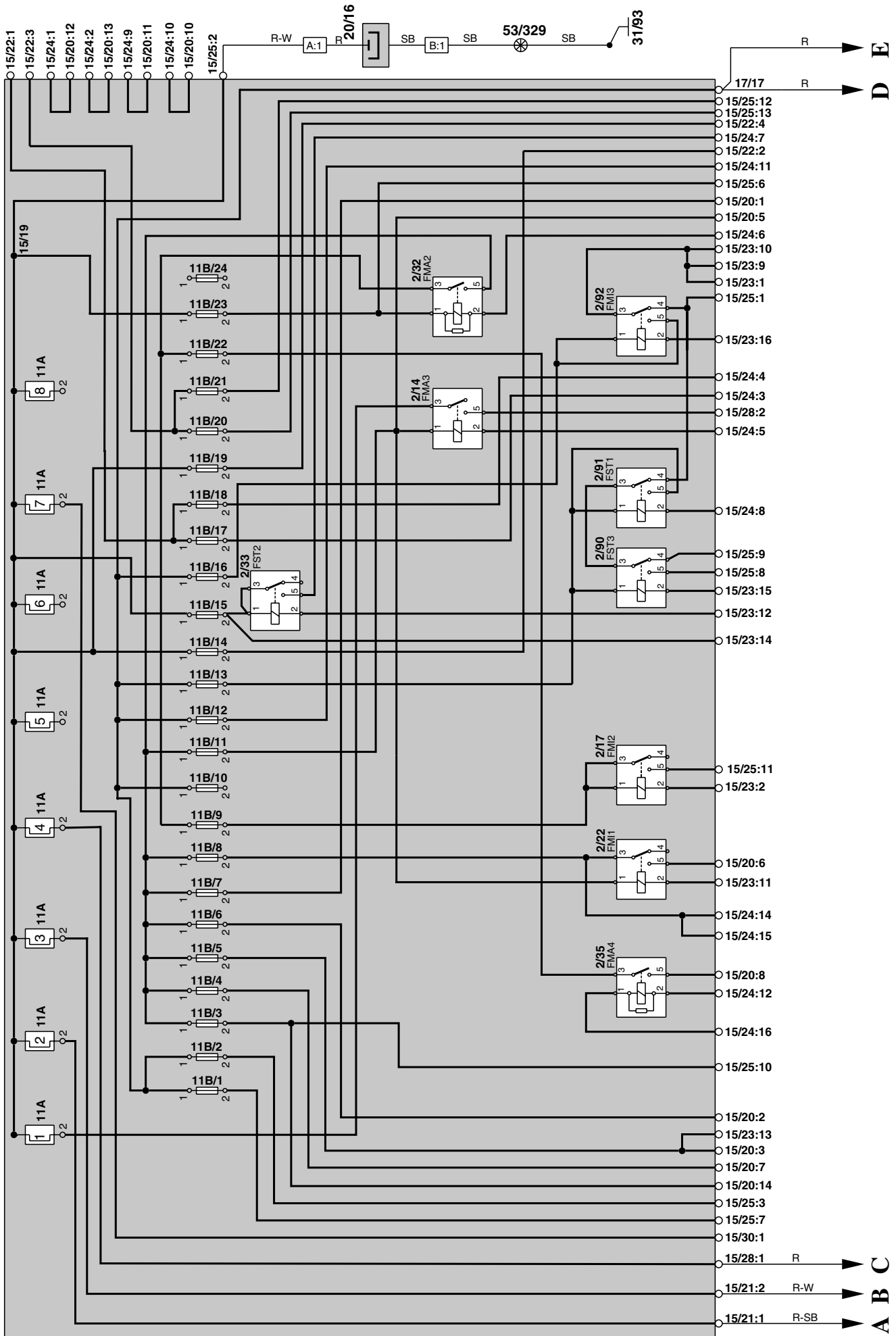


List of symbols

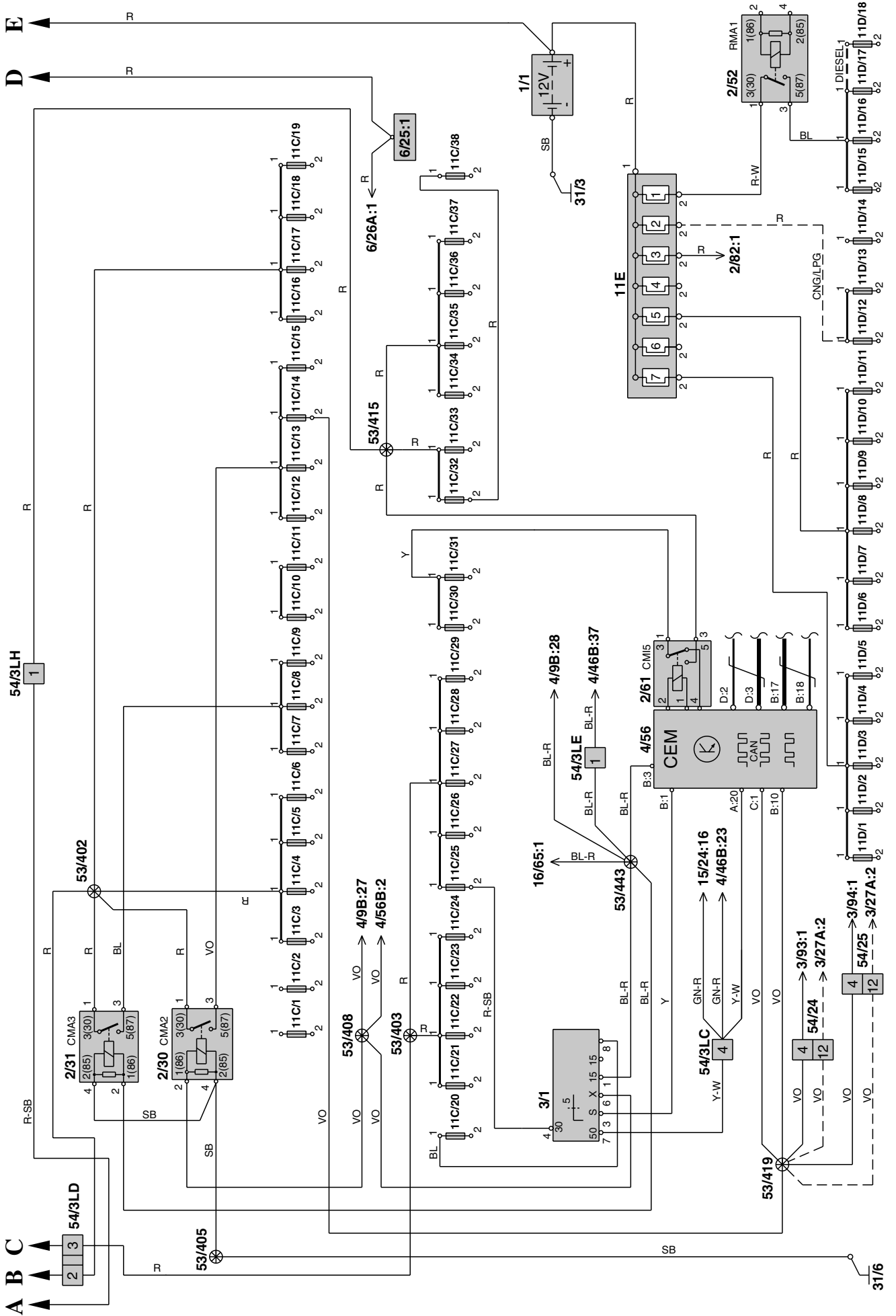
-  = System voltage
-  = Ground connection via wiring
-  = Ground connection on component/chassis
-  = Screened wire
-  = Junction point
-  = Twisted cable
-  = Electrical connection
-  = Variant
-  = CAN communication
-  = CAN high data signal (CAN H)
-  = CAN low data signal (CAN L)
-  = Serial communication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



Electrical distribution Overview

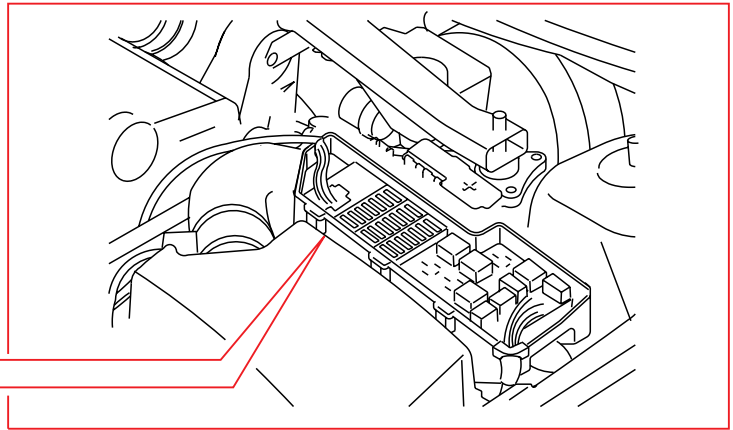
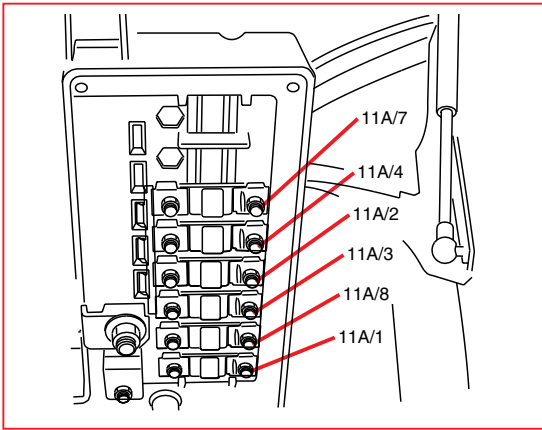


Electrical distribution Overview



Fuses

Engine compartment 11A/1-7

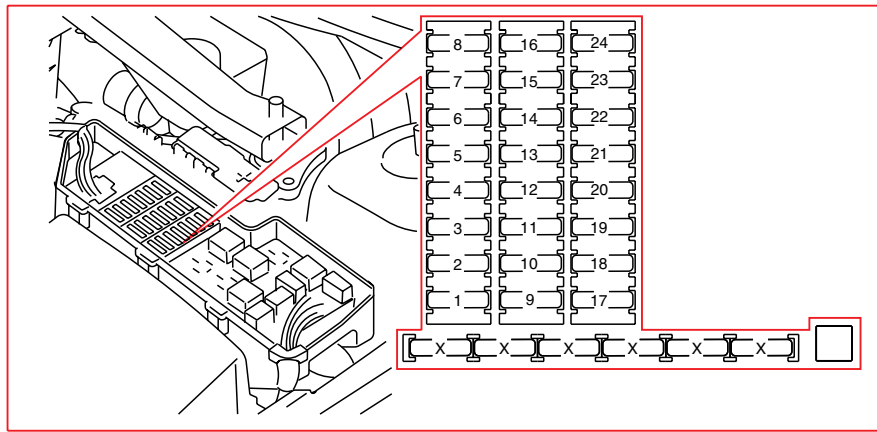


11A Fuses in the engine compartment

No.	Fuse function	A
1	Glow plug 20/22-26 via 2/4	60
2	Fuse protection for 11C/30-31 via 2/61 Fuse protection for 11C/32-33 Fuse protection for 11C/34-37	60
3	Fuse protection for 11C/3-6 Fuse protection for 11C/16-19 Fuse protection for 11C/7-9 via 2/31 Fuse protection for 11C/12-15 via 2/30	60
4	Fuse protection for 11C/21-24 Fuse protection for 11C/25-29	60
7	Cooling fan control module 4/71	60

Fuses

Engine compartment 11B/1-9

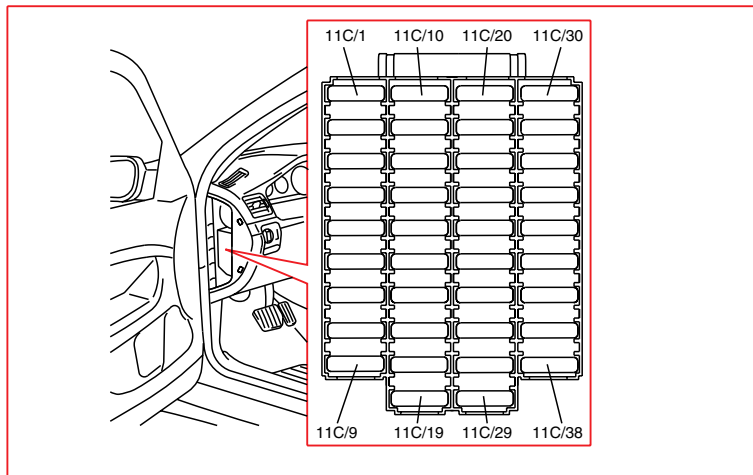


11B Fuses in the engine compartment

No.	Fuse function	A
1	Control module CPM 4/7	25
2	Accessory (auxiliary light)	20
3	Vacuum pump 6/114 via 8/84 Solenoid valve, high-pressure diesel 8/111 E.E	15 10
4	Engine Control Module ECM 4/46 diesel Heated oxygen sensor 7/15 Heated oxygen sensor diagnosis 1 7/82 Heated oxygen sensor 3 7/103 Heated oxygen sensor 4 (diagnostic probe) 7/104 Solenoid valve, high-pressure diesel 8/111 L.E	20
5	Pump, fuel leakage control 6/67 EVAP valve 8/18 Variable valve timing valve 8/19 Turbocharger control valve 8/28 Canister shut-off valve 8/44 Solenoid, variable valve timing outlet 8/81 PTC resistor, air preheating 9/32	10
6	Mass air flow sensor MAF 7/17 Diesel Engine Control Module ECM 4/46 Mass air flow sensor MAF 7/17 Injectors 8/6-11	5 15
7	Control module ETM 4/50	10
8	Cooling fan, electrics box, engine compartment 6/44 Accelerator pedal sensor 7/51 Solenoid switch AC 8/3 via 2/22	10
9	Horn 1 16/10 via 2/11 Horn 2 16/11 via 2/11	15
continues		

Fuses

Passenger compartment 11C/1-21

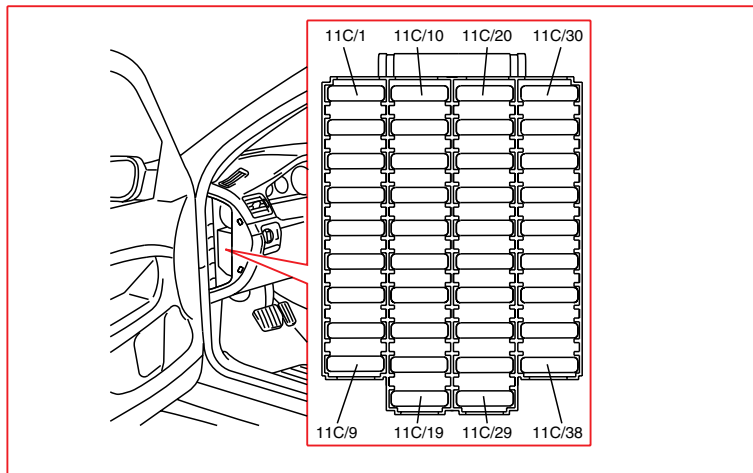


11C Fuses in the passenger compartment

No.	Fuse function	A
3	Fuse protection for 11B/17-18 via 20/27, 2/62	15
4	Fuse protection for 11B/20-21 via 2/63	20
5	Power driver seat module PSM 4/52	30
6	Power passenger seat module 3/27	30
7	LH seat heater 9/12	15
8	RH seat heater 9/13	15
9	Brake Control Module BCM 4/16 Steering Angle Sensor module SAS 4/68	5
12	Motor, RH headlight wiper 6/3 Motor, LH headlight wiper 6/4 LH headlight level adjustment motor 6/38 RH headlight adjustment motor 6/39	15
13	12V outlet, front 9/1 Rear 12V outlet 9/25	20
14	Switch, seat belt latch left seat 3/93 Switch, seat belt latch left seat 3/94 Power passenger seat module 3/27 Central Electronic Module CEM 4/56	5
15	Audio 16/1 RTI Display 16/46	5
16	Audio 16/1	20
17	Amplifier 16/2	30
18	FL fog light 10/5 via 2/34 FR fog light 10/6 via 2/34	15
19	RTI Display 16/46	10
21	Fuel distributor, gas 6/105 Gear Shift Module GSM 3/156 Geartronic via 2/101 Transmission Control Module TCM 4/28 Shift lock solenoid 8/36 Valve, fuel cut-off DFCO 8/75	10
continues		

Fuses

Passenger compartment 11C/22-28

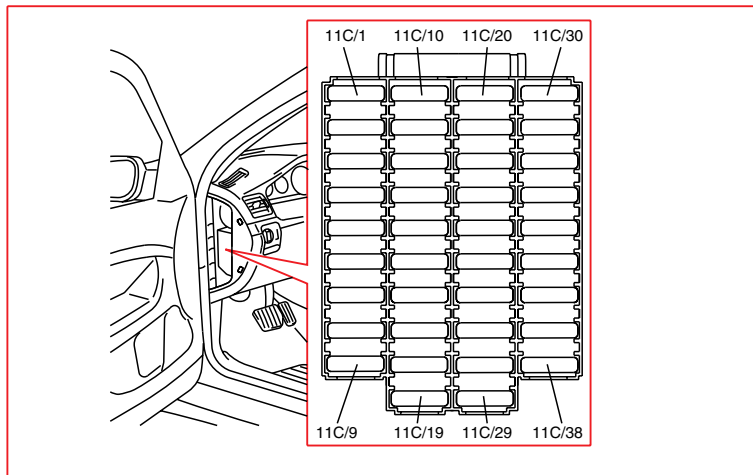


11C Fuses in the passenger compartment

No.	Fuse function	A
22	Central Electronic Module CEM 4/56 FL direction indicator 10/13 via 4/56 FR direction indicator 10/14 via 4/56 FL fender direction indicator 10/15 via 4/56 FR fender direction indicator 10/16 via 4/56 RR direction indicator 10/47 via 4/56 RL direction indicator 10/54 via 4/56	20
23	Light Switch Module LSM 3/111 Climate Control Module CCM 3/112 Steering Wheel Module SWM 3/130 Data link connector 17/13	5
24	Climate Control Module CCM 3/112 Control module CPM 4/7 via 2/29 Power driver seat module PSM 4/52 Combined instrument panel DIM 5/1	10
25	Ignition switch 3/1	10
26	Motor, passenger compartment fan 6/28 via 4/31	30
27	Control module FL door DDM/PDM 3/126 Control module FR door DDM/PDM 3/127 Lock units, FL door 3/74 via 3/126 Lock units, FR door 3/75 via 3/127 LH power door mirror 6/62 via 3/126 RH power door mirror 6/63 via 3/127 LH heated door mirror 9/33 via 3/126 RH heated door mirror 9/34 via 3/127	15
28	Ceiling light switch unit 3/117 Upper Electronic Module UEM 4/70 Remote control unit for garage door opener 4/76 via 4/70 Rain sensor 7/149 Ceiling light, cargo compartment 10/25 via 4/70 LH vanity mirror lighting 10/114 RH vanity mirror lighting 10/115 via 4/70 Rear reading light 10/150	10
continues		

Fuses

Passenger compartment 11C/29-38

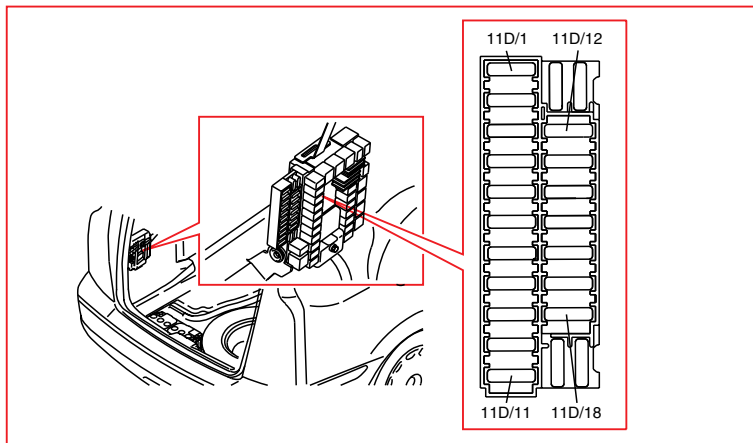


11C Fuses in the passenger compartment

No.	Fuse function	A
29	Integrated mobile telephone PHM 16/60	10
30	FL parking light 10/11 EU/OS LH tail light 1 10/51 LH tail light 2 10/52 FL side marker light 10/71 FL parking light 10/129 USA/CDN FL lamp housing 10/1 electronic unit Bi-Xenon	10
31	License plate lighting 10/3 FR parking light 10/12 EU/OS RR parking light 10/42 Tail light 1 right 10/44 Tail light 2 right 10/45 RL parking light 10/49 FR side marker light 10/73 FR parking light 10/130 USA/CDN Shunt parking light/tail light REM 20/33 via 4/58 FR lamp housing 10/2 electronic unit Bi-Xenon	10
32	Central Electronic Module CEM 4/56 Fuse protection for 11C/38 Stepper motor, speed-dependent power steering 6/71 via 4/56	10
33	Fuel pump 6/33 via 2/23	15
34	Sunroof motor 6/15 via 4/33	15
35	FL door lock unit 3/74 via 3/126 LH power door mirror 6/62 via 3/126 LH heated door mirror 9/33 via 3/126	25
36	FR door lock unit 3/75 via 3/127 RH power door mirror 6/63 via 3/127 RH heated door mirror 9/34 via 3/127	25
37	Deadlock relay, RL door 2/138 via 2/120 Deadlock relay, RR door 2/139 via 2/120 LR door power window switch 3/85 via 2/116, 2/118 RR door power window switch 3/86 via 2/117, 2/119 Motor, RL power window 6/92 via 3/85 Motor, RR power window 6/93 via 3/86 RL door switch lighting 10/151 via 2/120 RR door switch lighting 10/152 via 2/120	30
38	Alarm siren SCM 16/35	5

Fuses

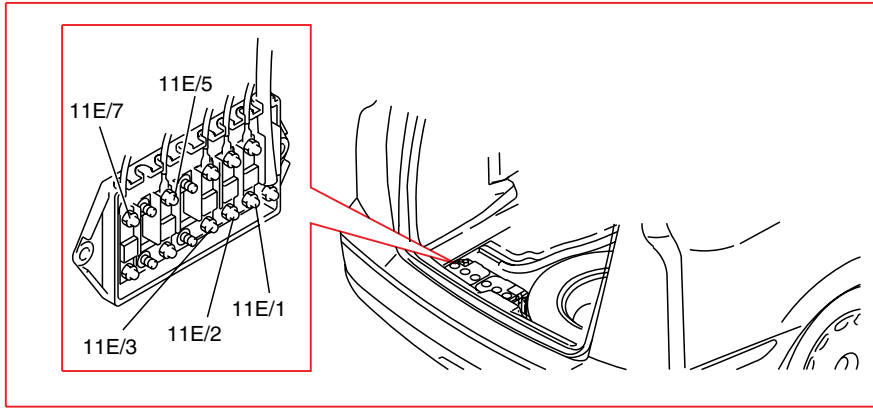
Cargo compartment 11D/1-18



11D Fuses in the cargo compartment

No.	Fuse function	A
1	REM 4/58 Lighting, cargo compartment, LH side 10/127 via 4/58 Lighting, cargo compartment, RH side 10/128 via 4/58	10
2	Rear Electronic Module REM 4/58 RR fog light 10/46 via 4/58 RL fog light 10/53 via 4/58	10
3	RH brake light 10/43 via 2/79 LH brake light 10/50 via 2/79 Shunt, brake light REM 20/31 via 2/79	15
4	RH reversing light 10/48 via 2/80 LH reversing light 10/55 via 2/80	10
5	Relay, 15l feed, rear 2/52 Relay, heated rear window 2/82	5
6	Trunk lid/tailgate lock unit 3/78 via 2/87	10
7	RL head restraint solenoid 8/59 via 2/75 RR head restraint solenoid 8/60 via 2/75	10
8	RL door lock unit 3/76 via 2/112, 2/158 RR door lock unit 3/77 via 2/114, 2/115 Lock motor, fuel filler flap 6/37 via 2/59, 2/158	15
9	Towing bracket wiring 30+	15
10	CD changer 16/15 RTI control module 16/45	10
11	Accessory Electronic Module AEM 4/78	15
13	Relay CNG/LPG 2/140	15
15	Towing bracket wiring 15l+	20
16	12V outlet, cargo compartment 17/19	15
17	Relay, preheated fuel filter 2/142 Differential Electronic Module DEM 4/82	5
18	Electrically heated fuel filter 9/38 via 2/142	15

Fuses Cargo compartment 11E/1-7

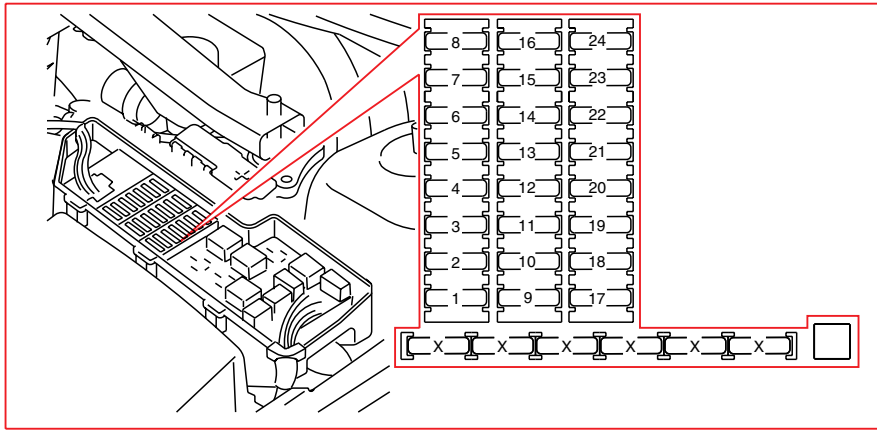


11E Fuses by the battery

No.	Fuse function	A
1	Fuse protection for 11D/15-18 via 2/52	40
2	Fuse protection for 11D/12-14	40
3	Heated rear window 9/2 via 2/82	40
5	Fuse protection for 11D/6-11	40
7	Fuse protection for 11D/1-5	40

Fuses

Engine compartment 11B/11-23



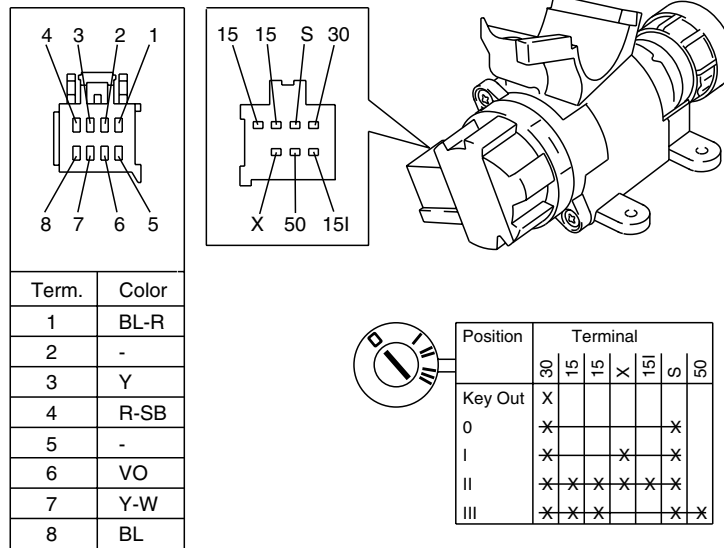
11B Fuses in the engine compartment

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

Relays/Shunts

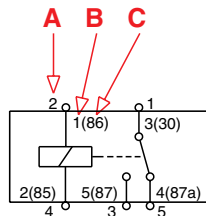
Ignition switch with relays

3/1



Relays, general

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

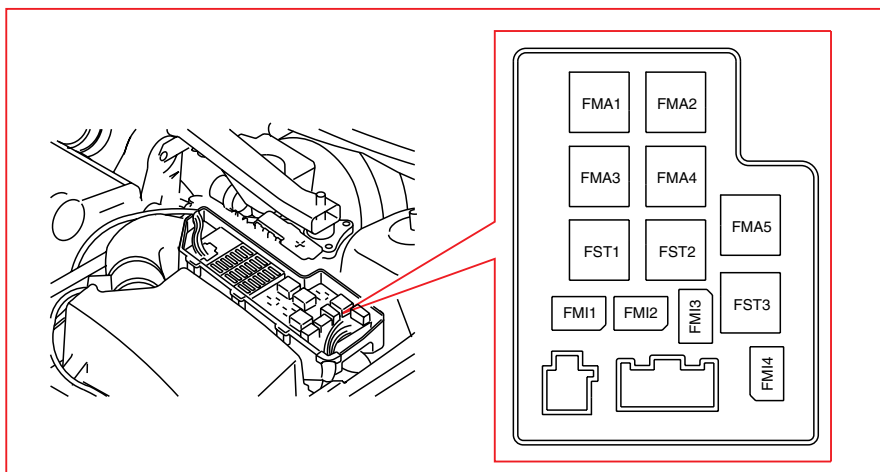


A = Corresponds to the position on the rear of the relay box (wiring side).

B = Corresponds to the position on the relay.

C = Is an old designation that can be on the relay.

Relays/Shunts Engine compartment FMA2 - FST3

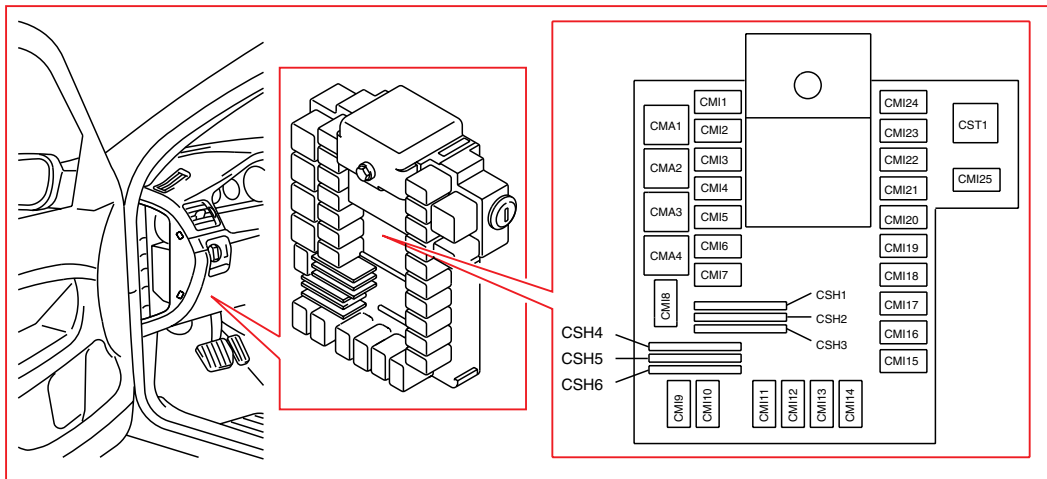


Relays/Shunts in engine compartment

Pos	Relay function
FMA2	Engine control system main relay 2/32
FMA3	Relay, glow plug unit 2/14
FMA4	Starter motor relay 2/35
FMI1	AC relay 2/22
FMI2	Horn relay 2/17
FMI3	Relay, windshield washer motor 2/92
FST1	Relay, intermittent windshield wiper 2/91
FST2	Relay, fuel system 2/33
FST3	Relay, windshield wiper, low/high speed 2/90

Relays/Shunts

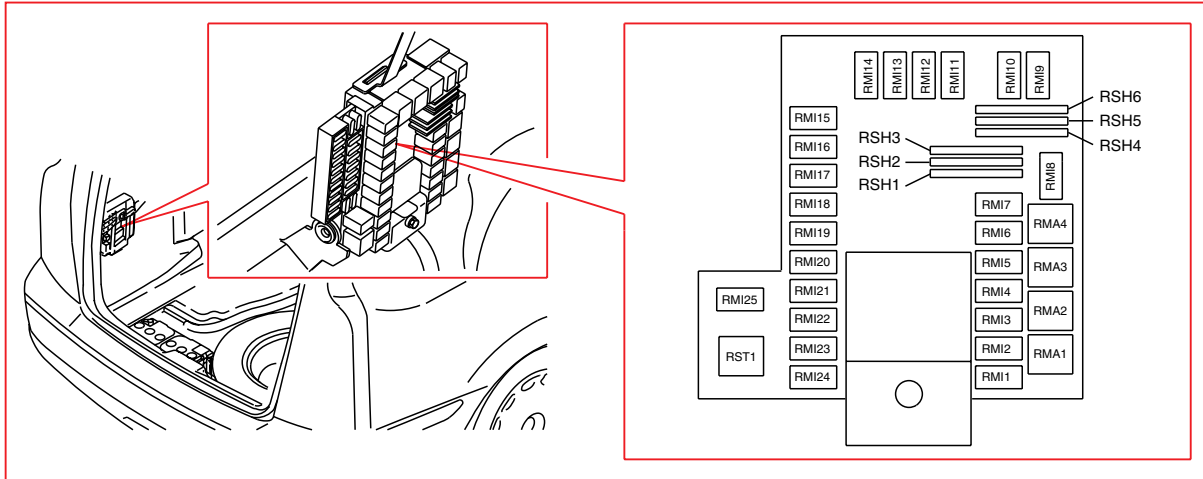
Passenger compartment CMA2 - CSH4



Relays/Shunts in passenger compartment

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

Relays/Shunts Cargo compartment RMA1 - RSH6

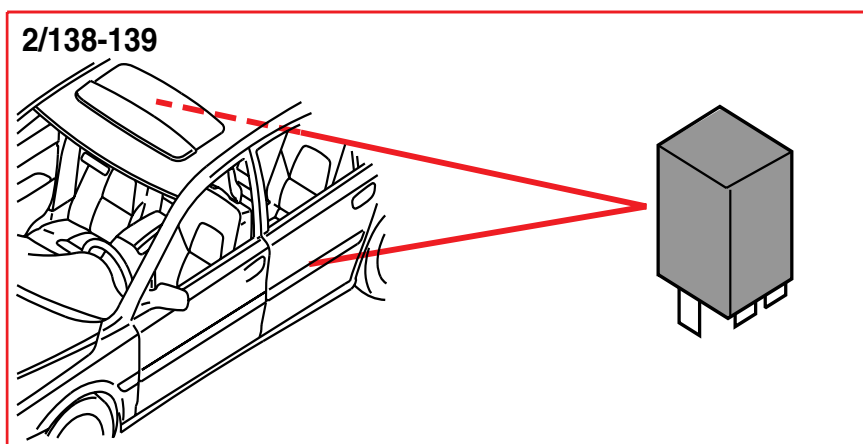


Relays/Shunts in cargo compartment

Pos	Relay function
RMA1	Relay, 15l feed, rear 2/52
RMA3	Relay, heated rear window 2/82
RMI2	Unlocking relay, RL 2/112
RMI3	Relay, deadlock, rear doors 2/115
RMI4	Relay, reversing light 2/80
RMI5	Relay, brake lights 2/79
RMI6	Relay, rear fog light 2/49
RMI7	Relay, trailer fog light 2/83
RMI8	Relay, preheated fuel filter 2/142
RMI14	Relay, rear adjustable head restraint 2/75
RMI17	Relay CNG/LPG 2/140
RMI19	Relay, trunk lid opening 2/67
RMI20	Locking relay, rear doors, filler flap 2/158
RMI21	Unlocking relay, fuel filler flap 2/59
RMI23	Unlocking relay, RH rear 2/114
RSH2	Shunt, low beam REM 20/29
RSH4	Shunt, parking light REM 20/28
RSH5	Shunt, parking light/tail light REM 20/33
RSH6	Shunt, brake light REM 20/31

Relays/Shunts

Other relays



Other relays

Pos	Relay function
LH rear door	Deadlock relay, LH rear door 2/138
RH rear door	Deadlock relay, RH rear door 2/139

Ground connection 31/1 - 31/66

31/1
Windshield washer pump 6/2:4
RH headlight wiper motor 6/3:3
Coolant level sensor 7/73:2

31/2
Control module, electric cooling fan 4/71A:2

31/3
Battery 1/1

31/4
Ground connection 31/44

31/5
Heated rear window 9/2:2

31/6
Central Electronic Module CEM 4/56E:1 LHD
Fan control module 4/31A:4 RHD
Junction point 53/405
-glove compartment lighting 10/29:2 RHD
-X feed overload relay 2/30:4
-15-feed overload relay 2/31:4
-hazard warning flasher switch 3/6:5
-relay, fuel leakage control 2/143:1 USA/CDN
-antenna ring/ignition switch lighting 16/65:6
-courtesy lighting, left front 10/125:4
-connector 54/13:22

31/10
Control module, ventilation fan 4/31A:4 LHD
Central Electronic Module, CEM 4/56E:1 RHD
Junction point 53/406
-glove compartment lighting 10/29:2 LHD
-courtesy lighting, right front 10/126:4
-front 12V outlet 9/1:2
-rear 12V outlet 9/25:3

31/44
Ground connection 31/4

31/47
Motor, RH headlight wiper 6/33:4
Connector 54/74:4 AWD S60
Connector 54/79:4 CNG/LPG

31/48
Connector 54/51:7

31/66
Junction point 53/500
-connector 54/24:13 RHD
-power driver seat module PSM 4/52A:2 LHD
-connector 54/24:3
-connector 54/10:11
-connector 54/20:12
Connector 54/10:12 RHD
Junction point 53/510 LHD
-connector 54/10:12 LHD
-power driver seat module PSM 4/52B:4 LHD

Ground connection

31/67 - 31/91

31/67
Junction point 53/501 -connector 54/25:3 -power driver seat module PSM 4/52A:2 RHD -connector 54/25:13 LHD -connector 54/11:11 -fuel pump, auxiliary heater 6/35:2 -connector 54/21:12
Connector 54/11:12 LHD
Junction point 53/511 RHD -power driver seat module PSM 4/52B:4 RHD -connector 54/11:12 RHD

31/70
Junction point 53/345 Accessories

31/72
Junction point 53/601 -lighting, cargo compartment, LH side 10/127:4 -RL head restraint solenoid 8/59:4 -Rear Electronic Module (REM) 4/58E:1 -RL lamp housing 10/18A:4 -RL lamp housing 10/18B:1 S80 -RL lamp housing 10/18B:6 S60 -connector 54/50:10
Junction point 53/602 -CD changer 16/15:1 -control module, RTI system 16/45D:5 -sensor, vehicle inclination ISM 7/100:5 with CD player
Vehicle inclination sensor ISM 7/100:5 without CD player S80 Vehicle inclination sensor ISM 7/100:5 without RTI S60

31/73
Junction point 53/604 -RR head restraint solenoid 8/60:4 -lighting, cargo compartment, RH side 10/128:4 -RR lamp housing 10/17B:1 S80 -RR lamp housing 10/17A:4 -RR lamp housing 10/17B:6 S60 -Accessory Electronic Module AEM 4/78:1 -connector 54/54:8 CNG/LPG -connector 54/106:2 -connector 54/35:4

31/83
Junction point 53/400 -combined instrument panel DIM 5/1:14 -antenna ring/ignition switch lighting 16/65:7 -connector 54/13:20

31/84
Junction point 53/438 -light switch module LSM 3/111:5 -Steering Wheel Module SWM 3/130:16 -steering wheel module SWM 3/130:22 -Climate Control Module CCM 3/112A:16 -Steering Angle Sensor module SAS 4/68:16 DSTC -data link connector 17/13:4 -data link connector 17/13:5 -integrated mobile telephone PHM 16/60:18
Audio 16/1A:12
Junction point 53/448 -amplifier 16/2A:2 -audio 16/1A:12 with amplifier -junction point 53/423 RTI -RTI display 16/46A:4 -RTI display 16/46A:5

31/88
Spark plug and ignition coil 20/3:3
Spark plug and ignition coil 20/4:3

31/89
Junction point 53/323 -spark plug with ignition coil 20/5:3 6-cyl -spark plug with ignition coil 20/6:3 6-cyl -spark plug with ignition coil 20/7:3 6-cyl -spark plug with ignition coil 20/8:3 6-cyl
-spark plug with ignition coil 20/5:3 5-cyl gasoline
-spark plug with ignition coil 20/6:3 5-cyl gasoline
-spark plug with ignition coil 20/7:3 5-cyl gasoline

Ground connection 31/93 - 31/98

31/91
PTC resistor, air preheating 9/32:2 gasoline
Electronic Throttle Module ETM 4/50:5 Denso

31/93
Junction point 53/329 -switch, reversing lights 3/10:2 Man -capacitor 20/16B:1 -brake fluid level sensor 7/4:2 -stepper motor, speed-dependent power steering 6/71:6 -sensor, washer fluid level 7/51:3 -valve LPG 8/79:1 -connector 54/3LA:5 -6/114:2 6-cyl
Junction point 53/301 -FL lamp housing 10/1B:3 -FL fender direction indicator 10/15:1 EU/OS -FL fog light 10/5:2 -FL side marker light 10/71:2 S80 -FL lamp housing 10/1A:1 -LH headlight level adjustment motor 6/38:1 -connector 54/22A:1 Bi-Xenon
Junction point 53/331 -connector 54/4:4 -connector 54/58:4 6-cyl -connector 54/58:2 6-cyl -automatic transmission 8/37B:4 5-cyl -automatic transmission 8/37B:2 5-cyl -LH headlight wiper motor 6/4:3 -junction rail 15/25:1 -windshield wiper motor 6/1:4 -connector 54/9:3

31/94
Junction point 53/303 -alarm siren SCM 16/35:3 -RH headlight adjustment motor 6/39:1 -FR fender direction indicator 10/16:1 EU/OS -RH front lamp housing 10/2A:1 -connector 54/23A:1 Bi-Xenon -FR lamp housing 10/2B:3 -FR fog light 10/6:2 -FR side marker light 10/73:2 S80
Gear Shift Module GSM 3/156A:6 via 54/3LA:5, 4/28A:54, 4/28A:53

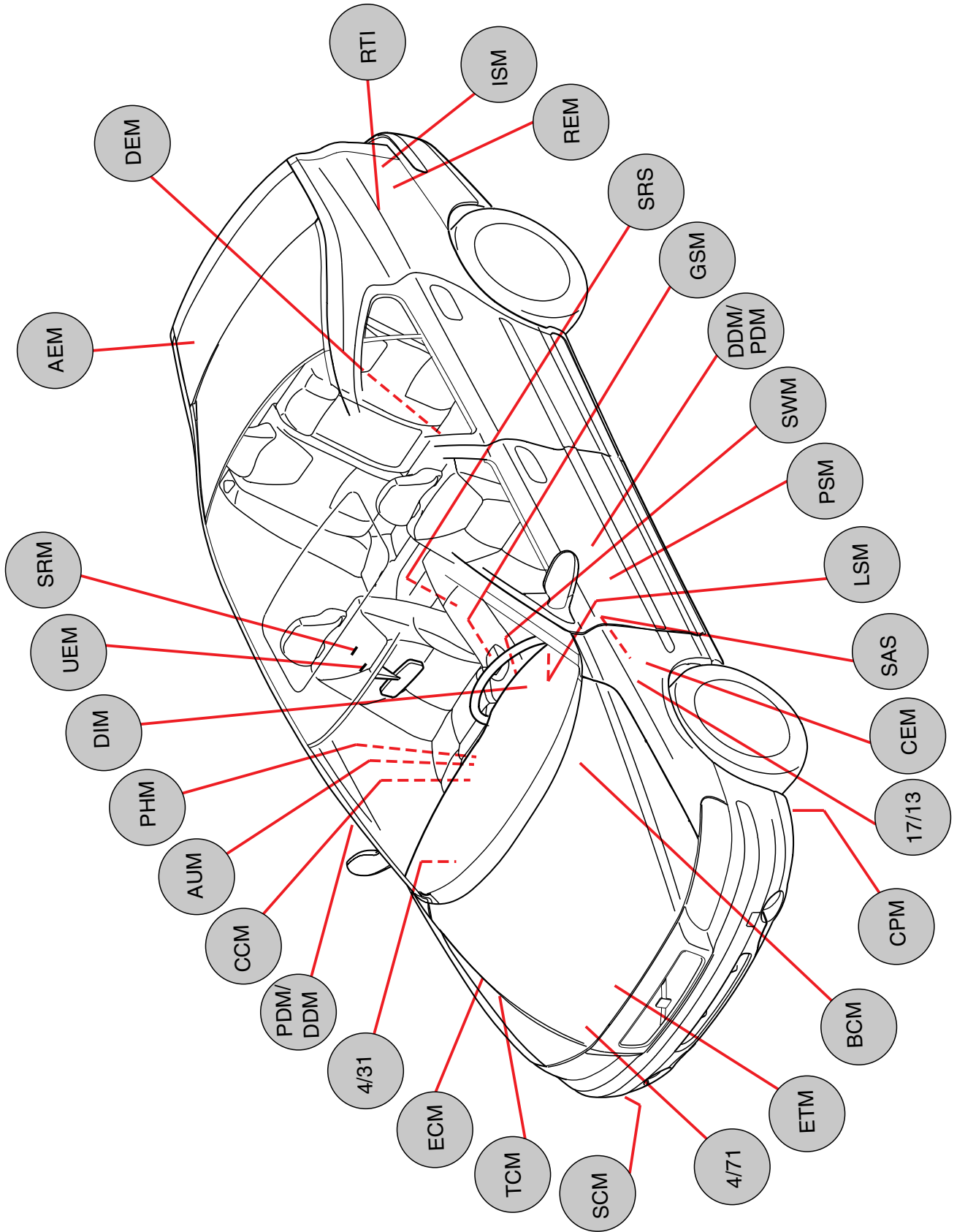
31/95
Junction point 53/384 -Brake Control Module BCM 4/16:16 -Brake Control Module BCM 4/16:47

31/96
Junction point 53/326 -Engine Control Module ECM 4/46A:36 5-cyl without turbo, diesel - Engine Control Module ECM 4/46A:53 -Engine Control Module ECM 4/46A:54 -Engine Control Module ECM 4/46A:62 5-cyl without turbo -Engine Control Module ECM 4/46A:63 5-cyl turbo/6-cyl -PTC resistor, air preheating 9/32:2 diesel

31/98
RH vanity mirror lighting 10/115:3
Junction point 53/503 -auxiliary brake light 10/19:5 -connector 54/13:20 -connector 54/16:2 rain sensor -LH vanity mirror lighting 10/114:3 -rear reading light 10/150:4 -Microwave Motion Sensor (MMS) alarm 7/122:5 -Upper Electronic Module UEM 4/70:20 -ceiling light switch unit 3/117A:10 -Sunroof control module SRM 4/33:5

Control modules

Overview

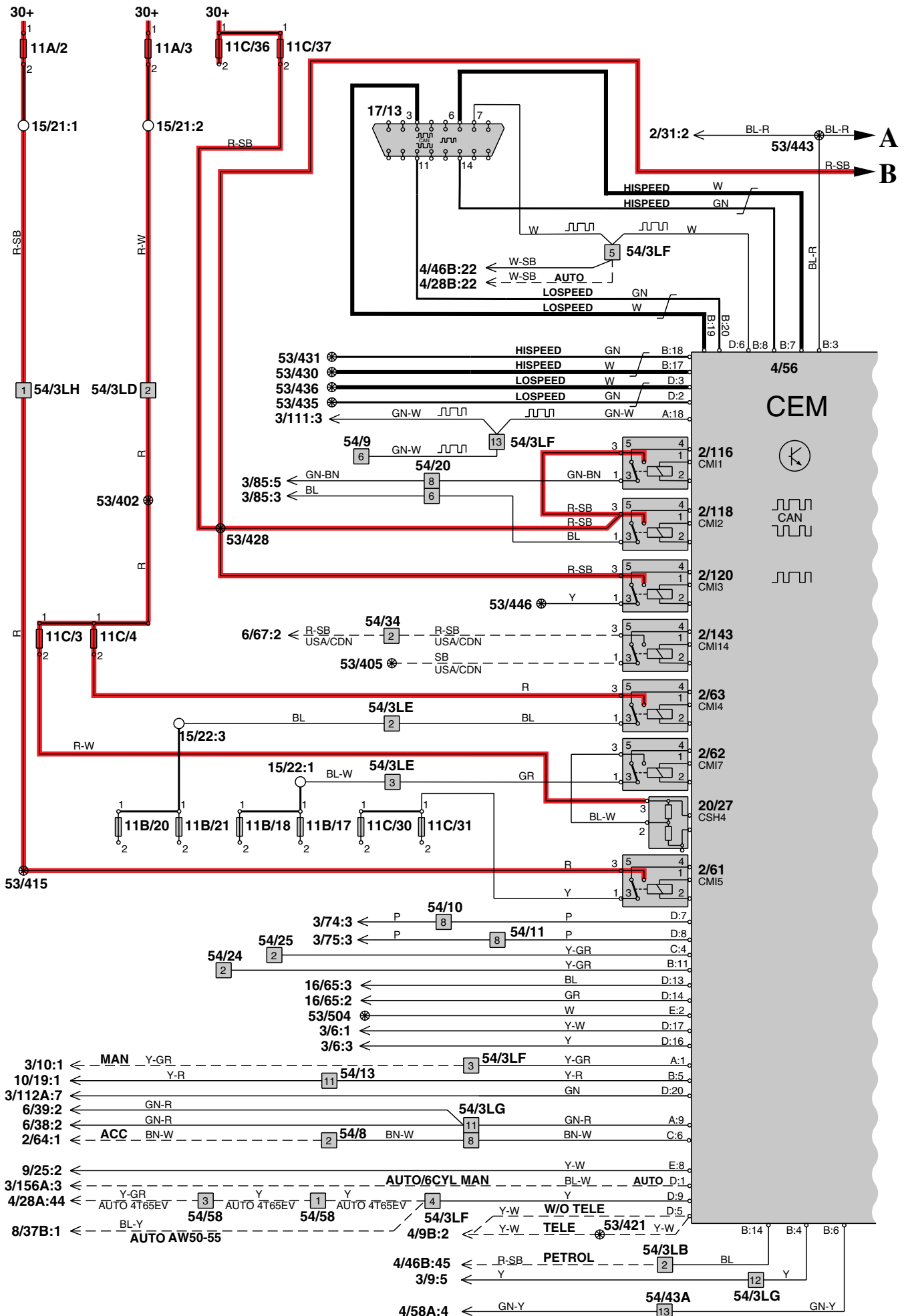


Control modules Overview

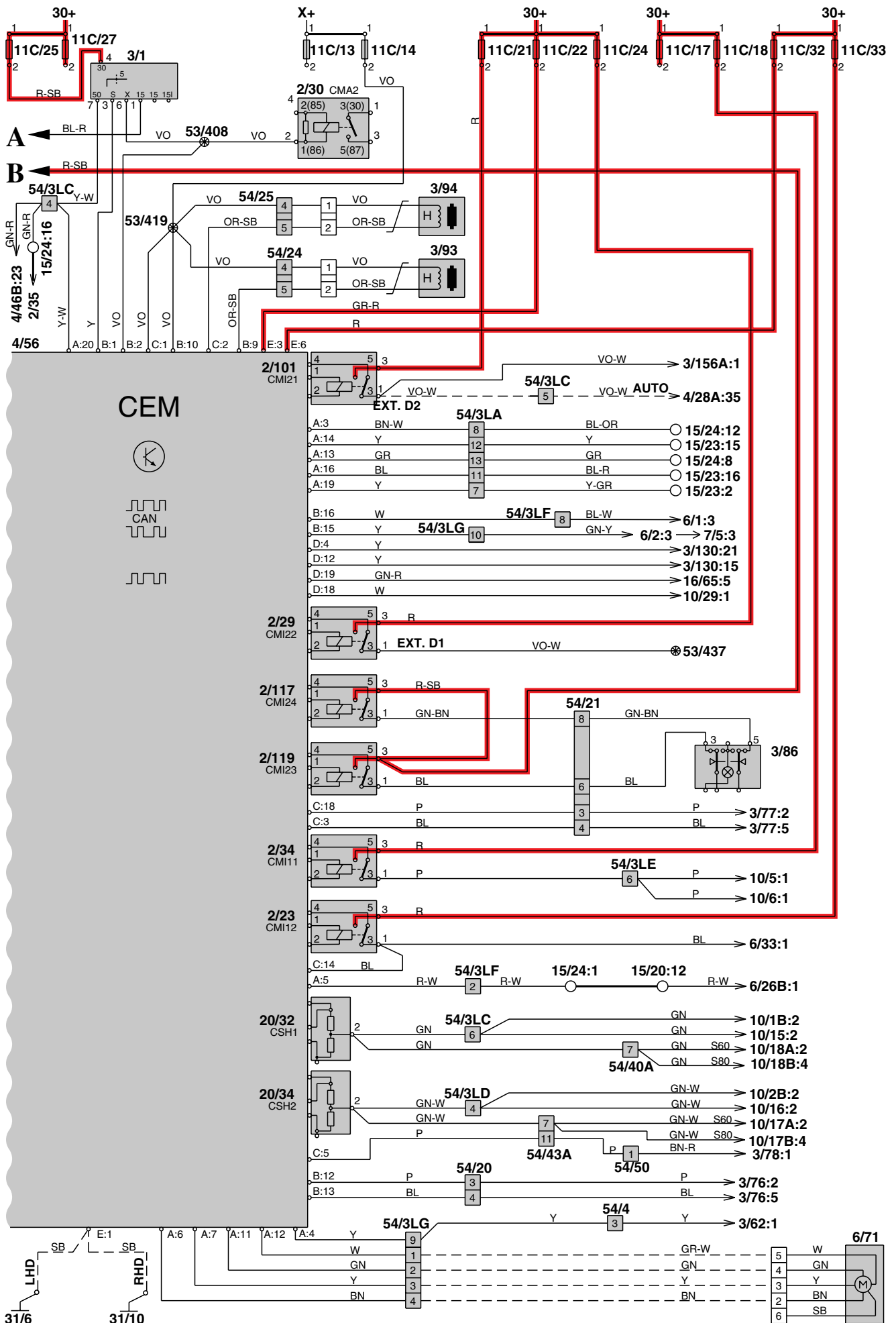
Unit	Designation
AEM	Accessory Electronic Module AEM 4/78
AUM	Audio 16/1
BCM	Brake Control Module BCM 4/16
CCM	Climate Control Module CCM 3/112
CEM	Central Electronic Module, CEM 4/56
CPM	Control module CPM 4/7
DEM	Differential Electronic Module DEM 4/82
DIM	Combined instrument panel DIM 5/1
ECM	Engine Control Module ECM 4/46
ETM	Control module ETM 4/50
GSM	Gear Shift Module GSM, automatic transmission 3/156
ISM	Vehicle inclination sensor ISM 7/100
LSM	Light Switch Module LSM 3/111
PDM/ DDM	Control module FR door PDM/DDM 3/127
DDM/ PDM	Control module FL door DDM/PDM 3/126
PHM	Integrated mobile telephone PHM 16/60
PSM	Power driver's seat module PSM 4/52
REM	Rear Electronic Module REM 4/58
RTI	RTI control module 16/45
SAS	Steering Angle Sensor module SAS 4/68
SCM	Alarm siren SCM 16/35
SRM	Sunroof control module 4/33
SRS	Control module, Supplemental Restraint System (SRS)
SWM	Steering Wheel Module SWM 3/130
TCM	Transmission Control Module TCM 4/28
UEM	Upper Electronic Module UEM 4/70
4/31	Fan control module 4/31
4/71	Cooling fan control module 4/71
17/13	Data link connector 17/13

Control modules

Central Electronic Module CEM

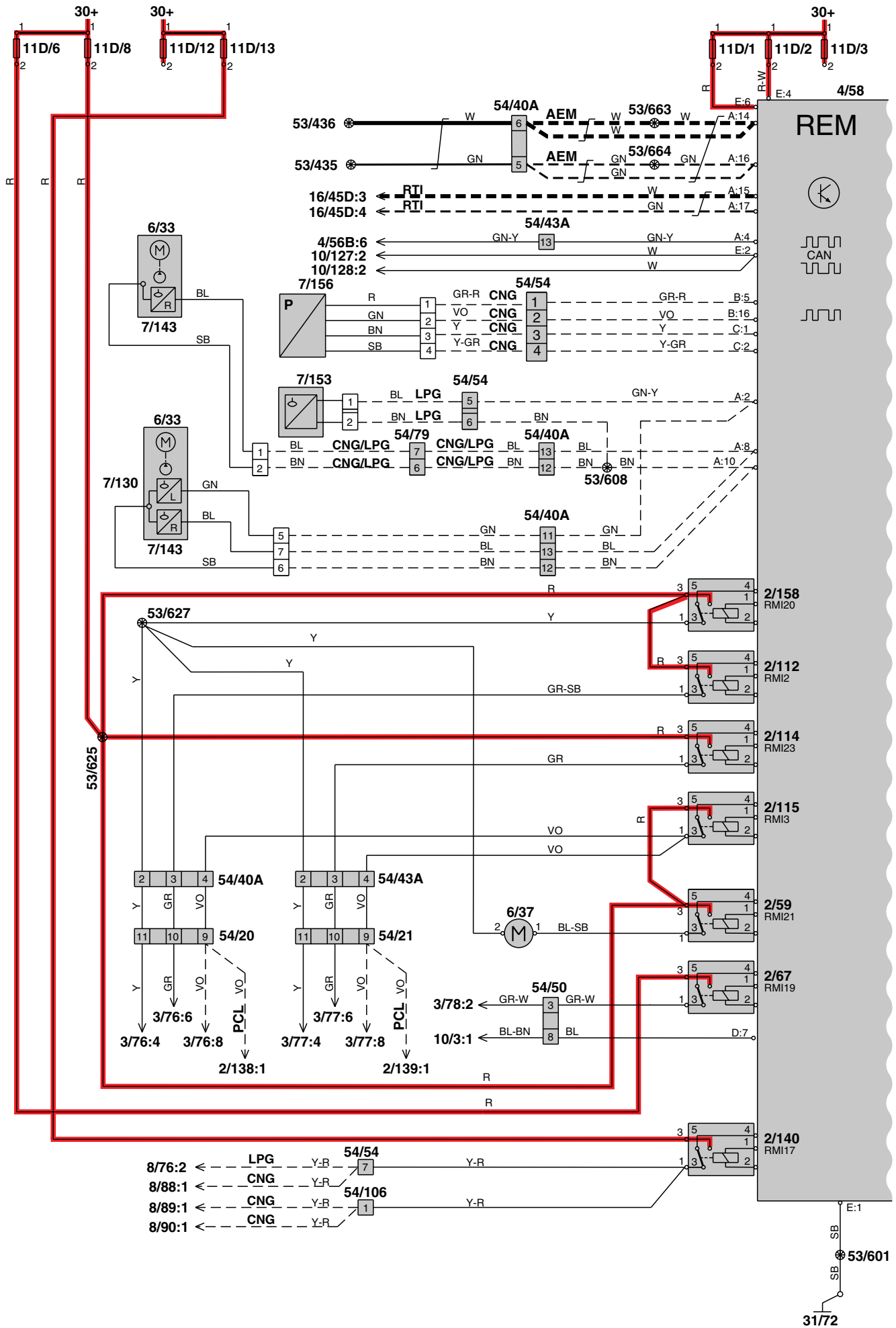


Control modules Central Electronic Module CEM

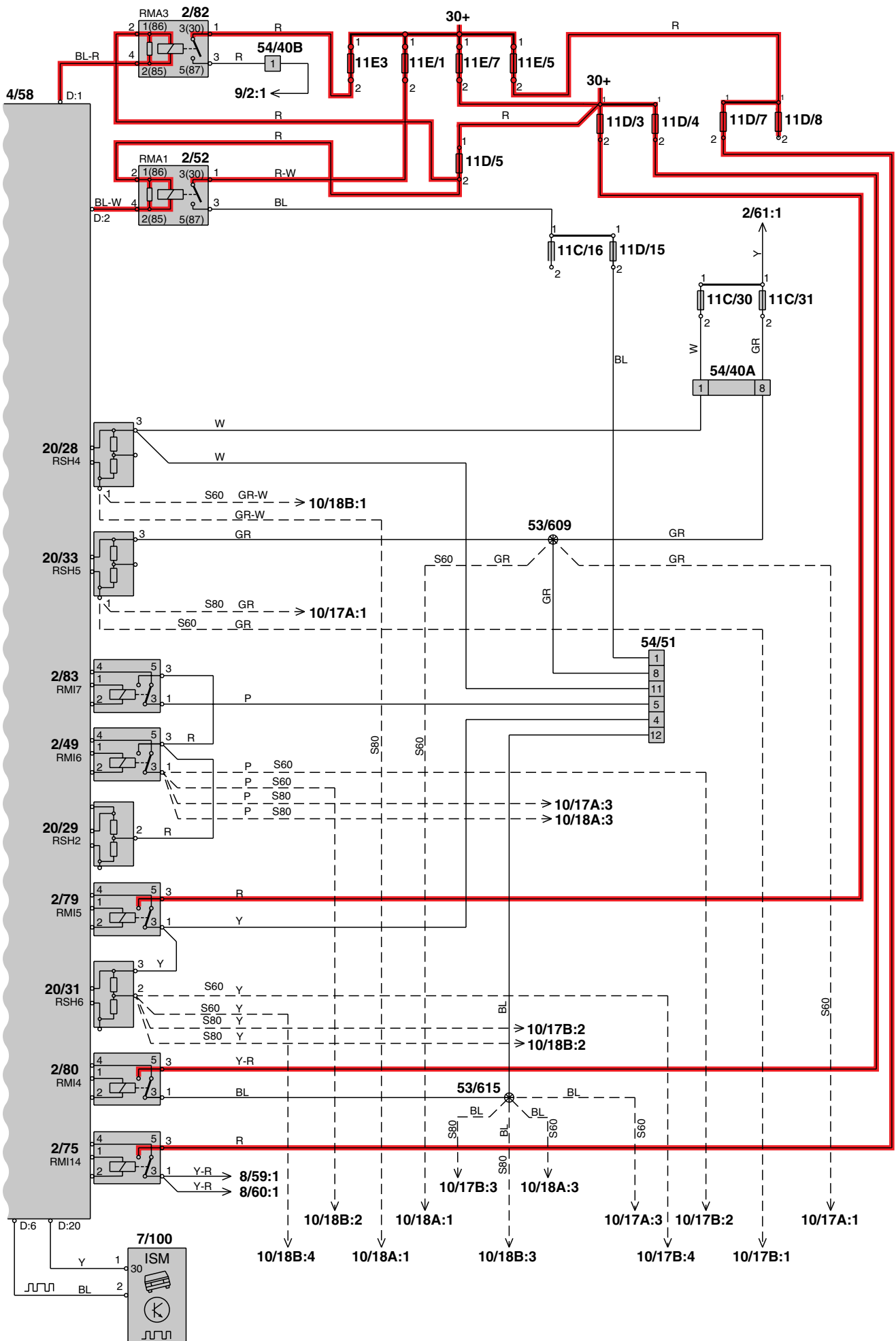


Control modules

Rear Electronic Module REM

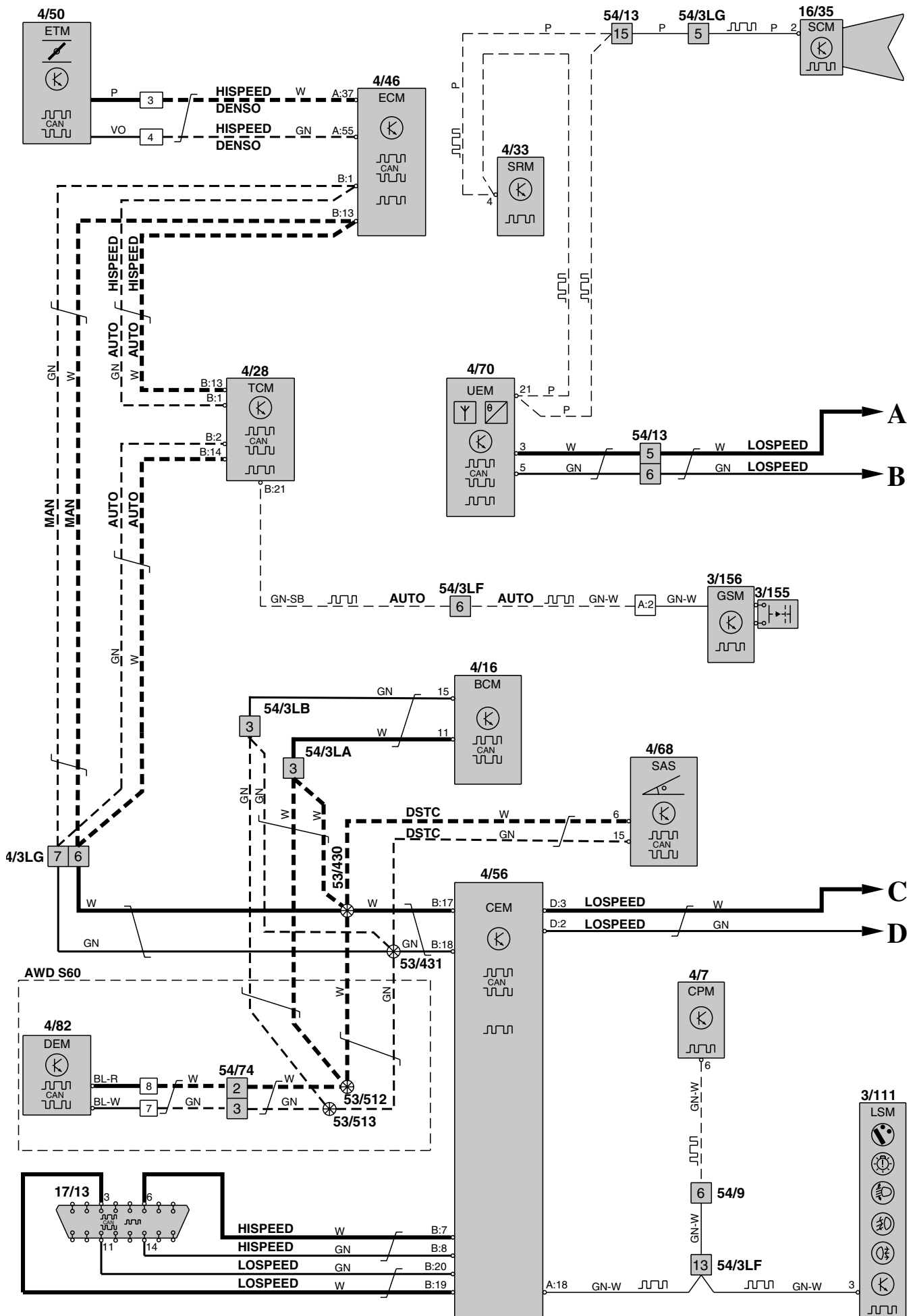


Control modules Rear Electronic Module REM



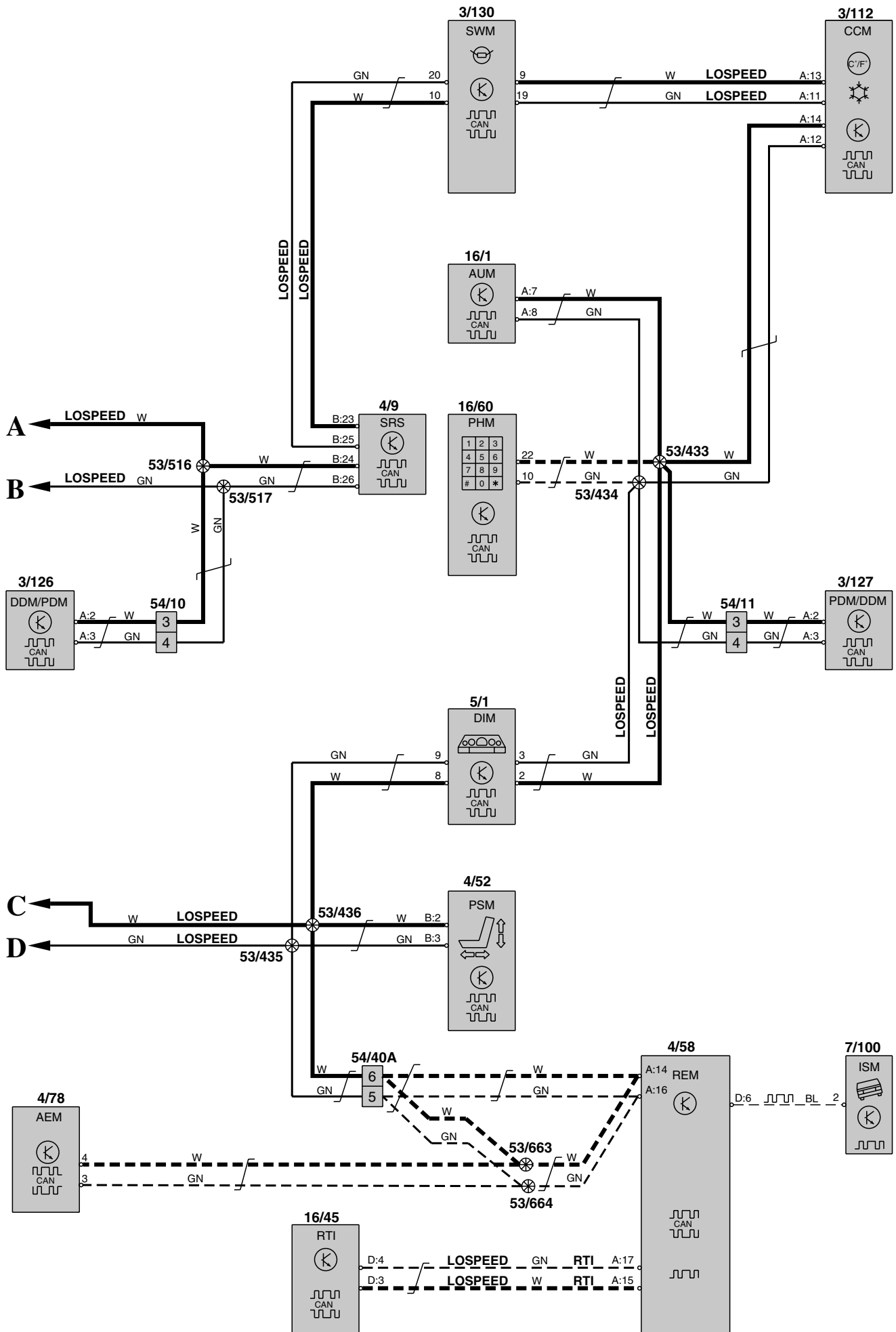
Control modules

Data communication

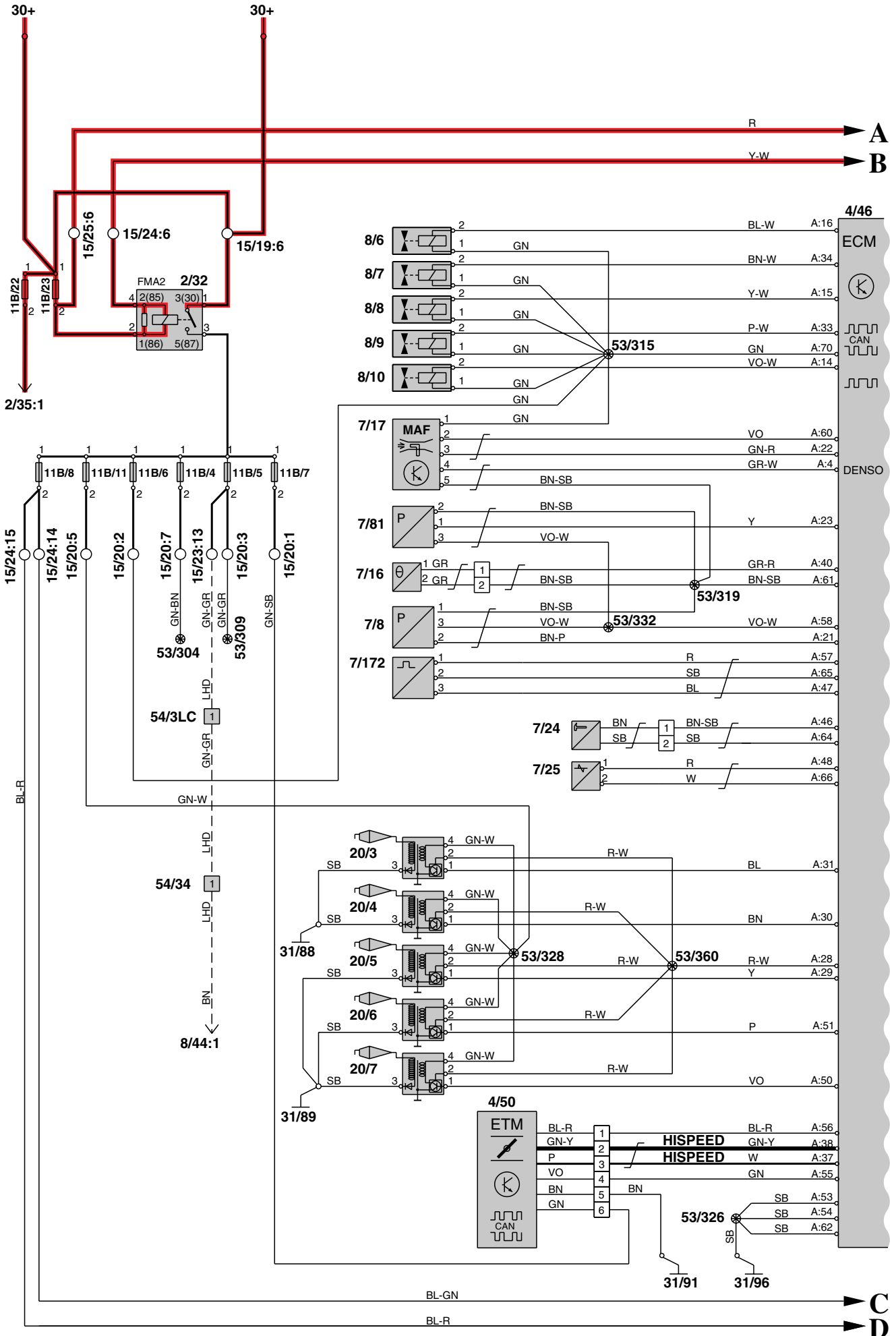


Control modules

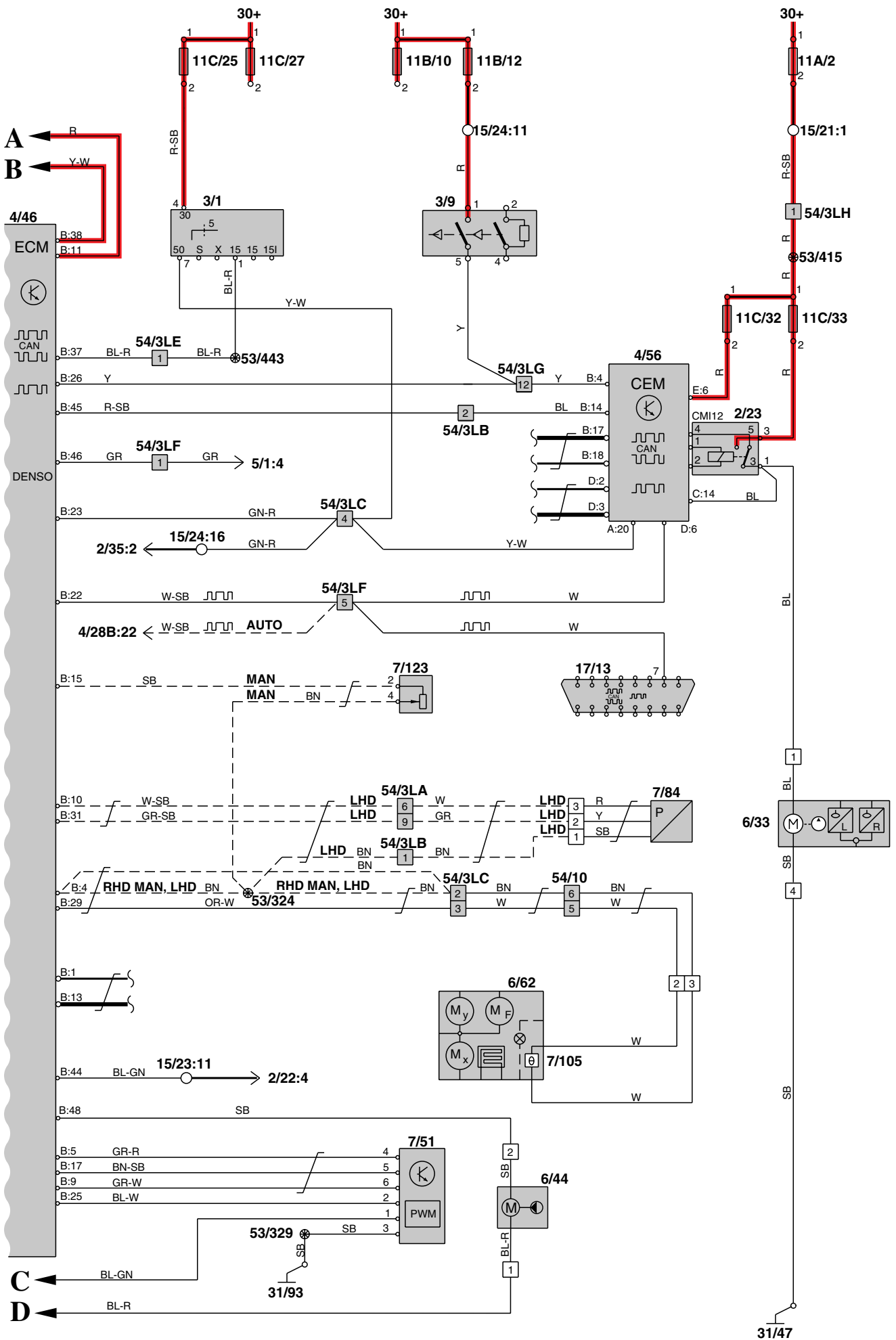
Data communication



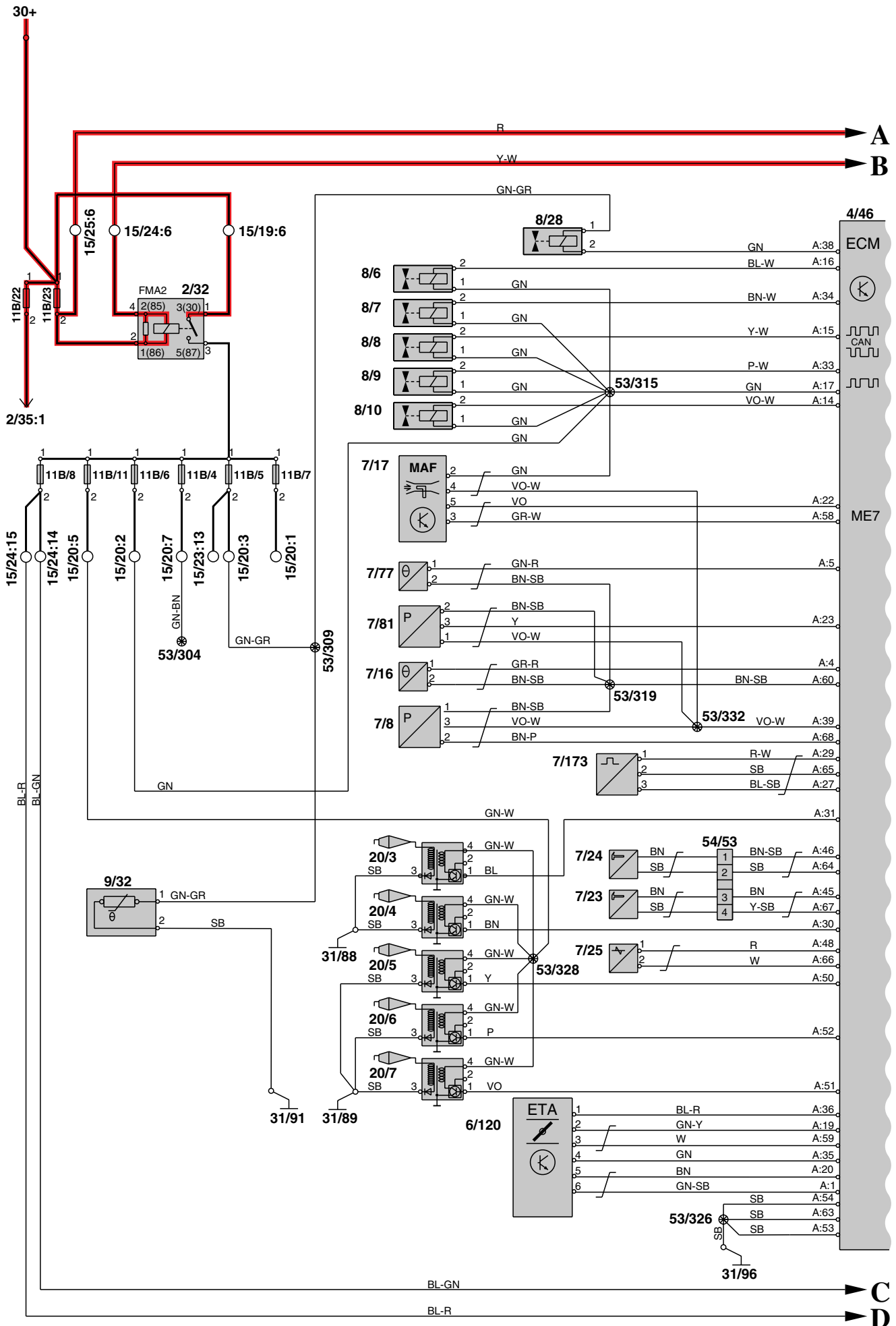
Group 23 Engine management system Denso



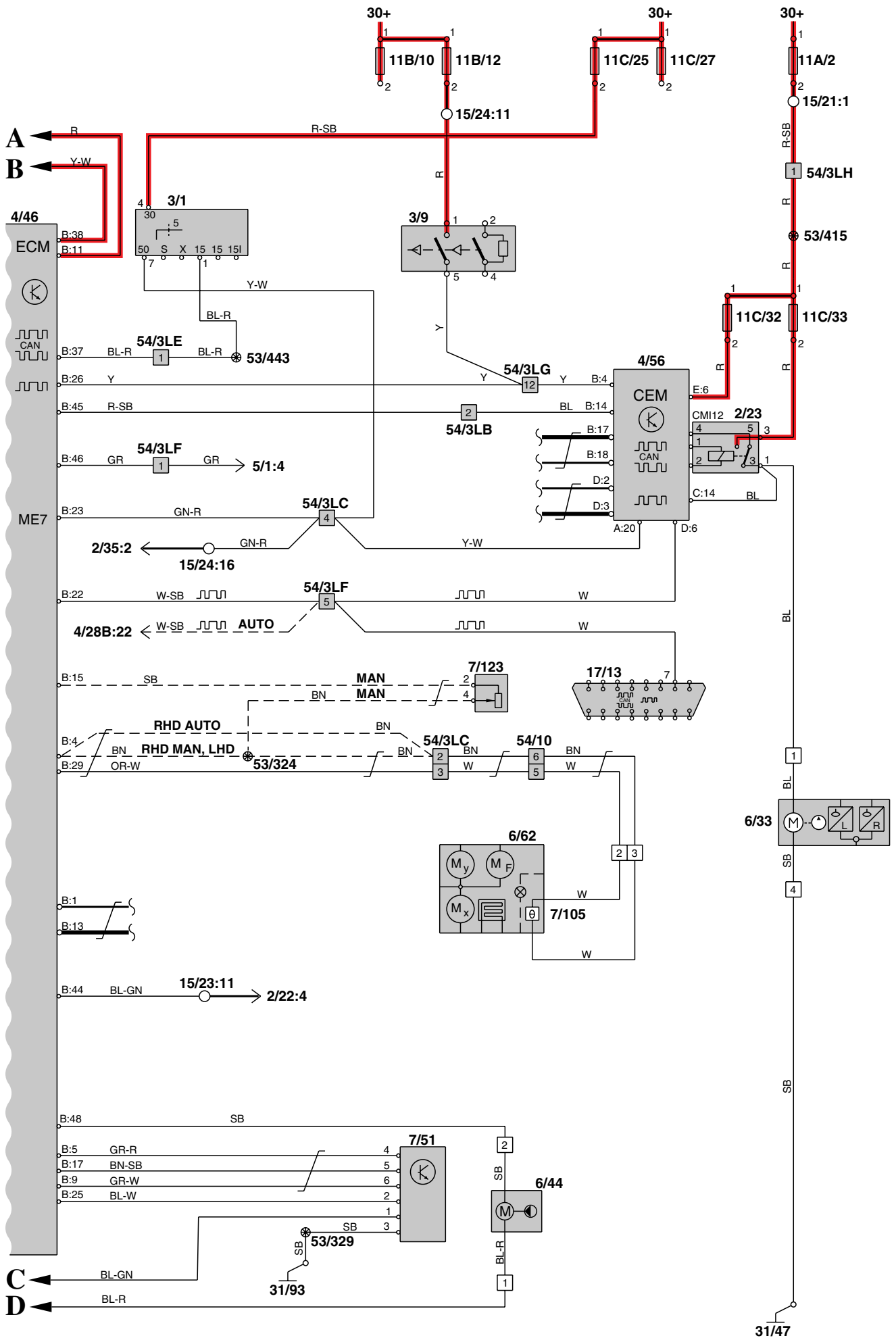
Engine management system Denso



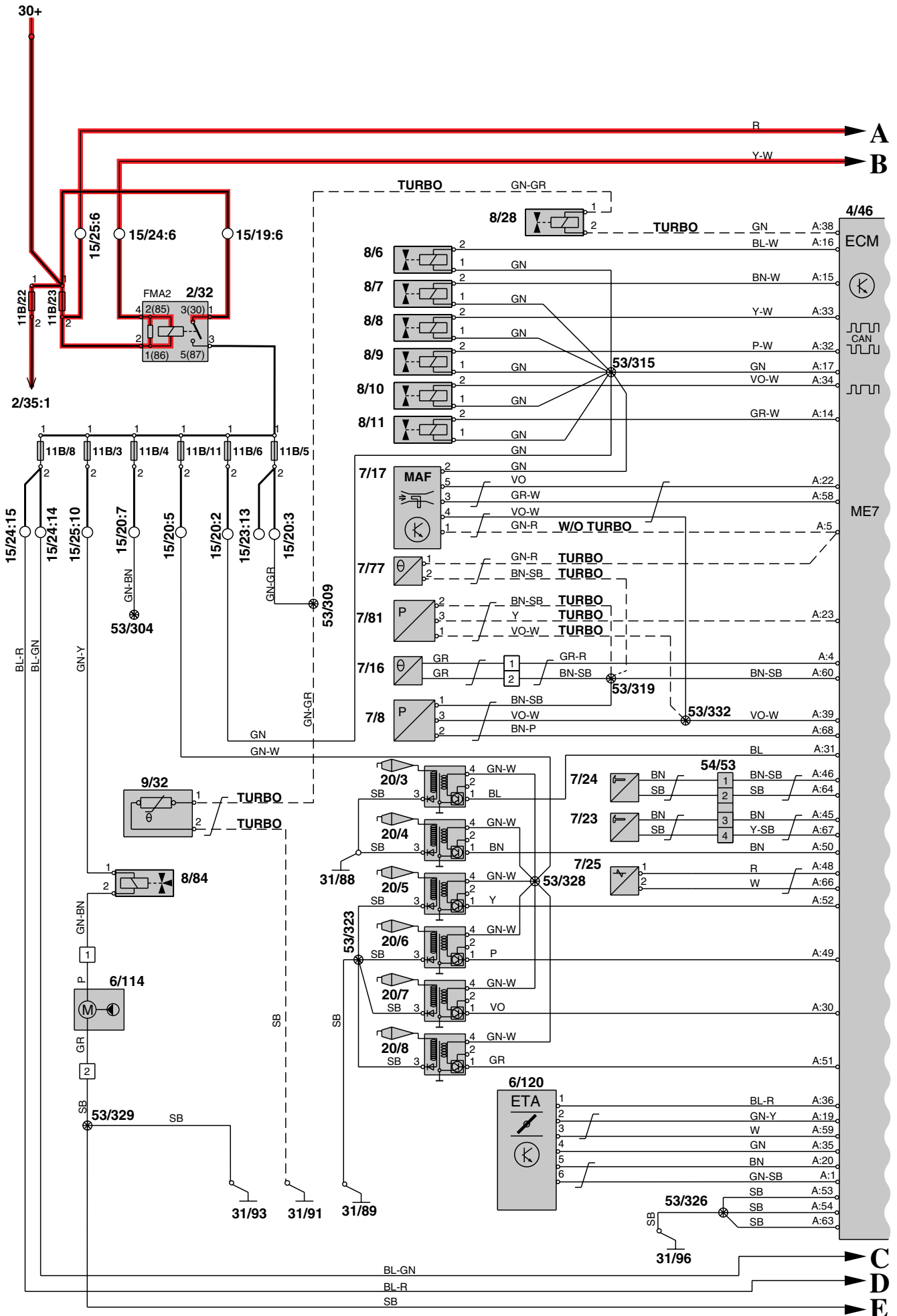
Engine management system, ME7 5-cylinders



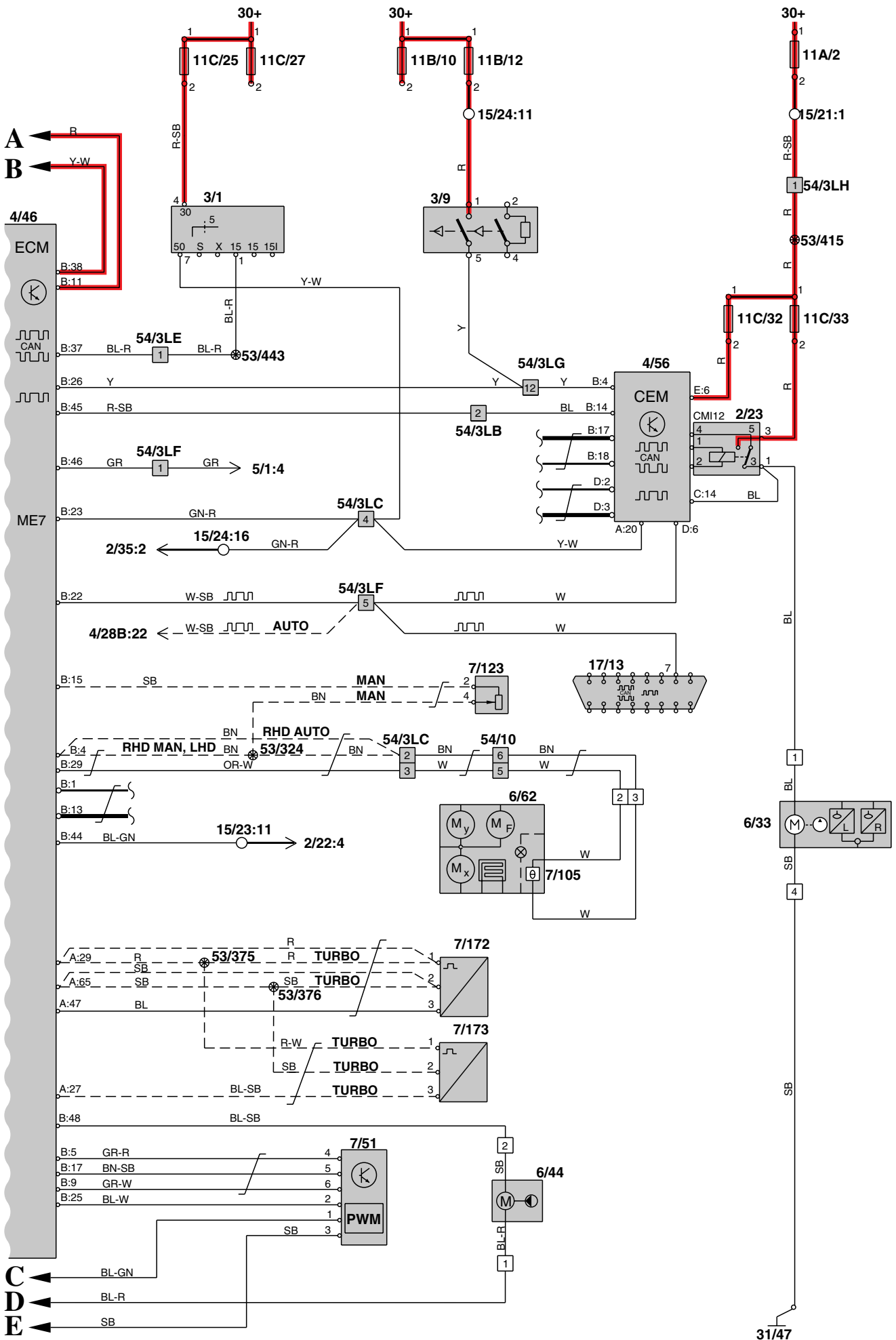
Engine management system, ME7 5-cylinders



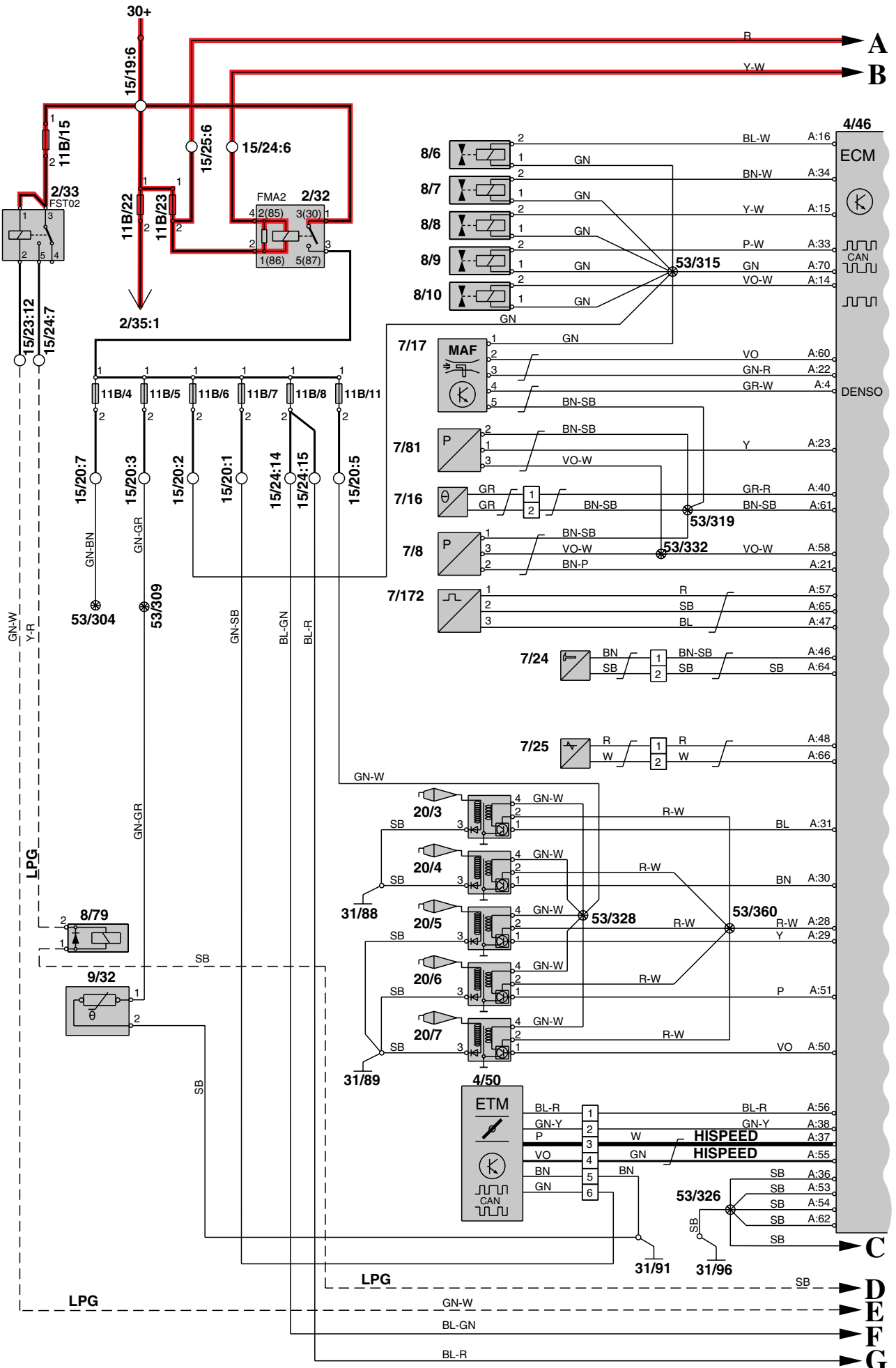
Engine management system, ME7 6-cylinders



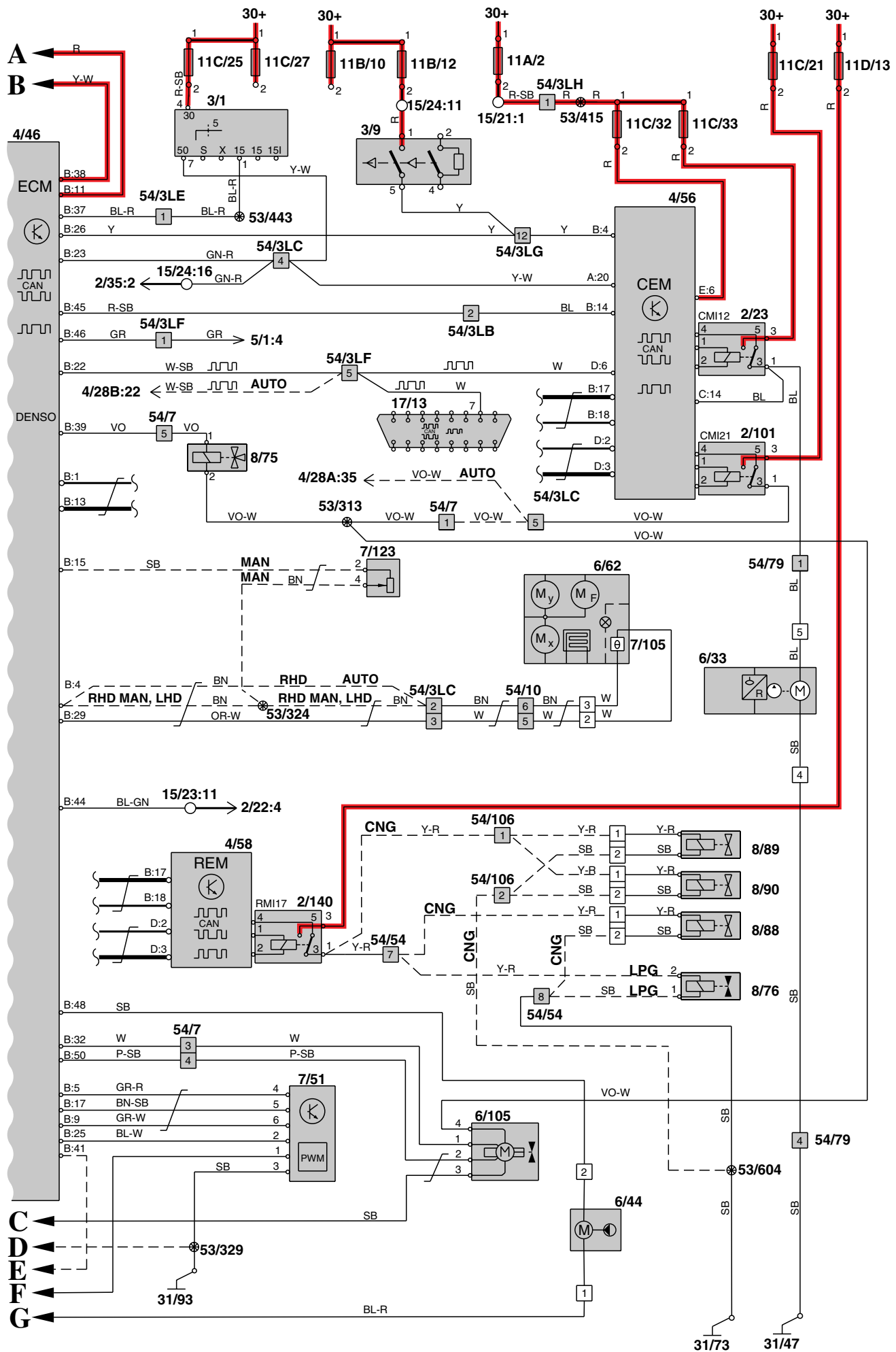
Engine management system, ME7 6-cylinders



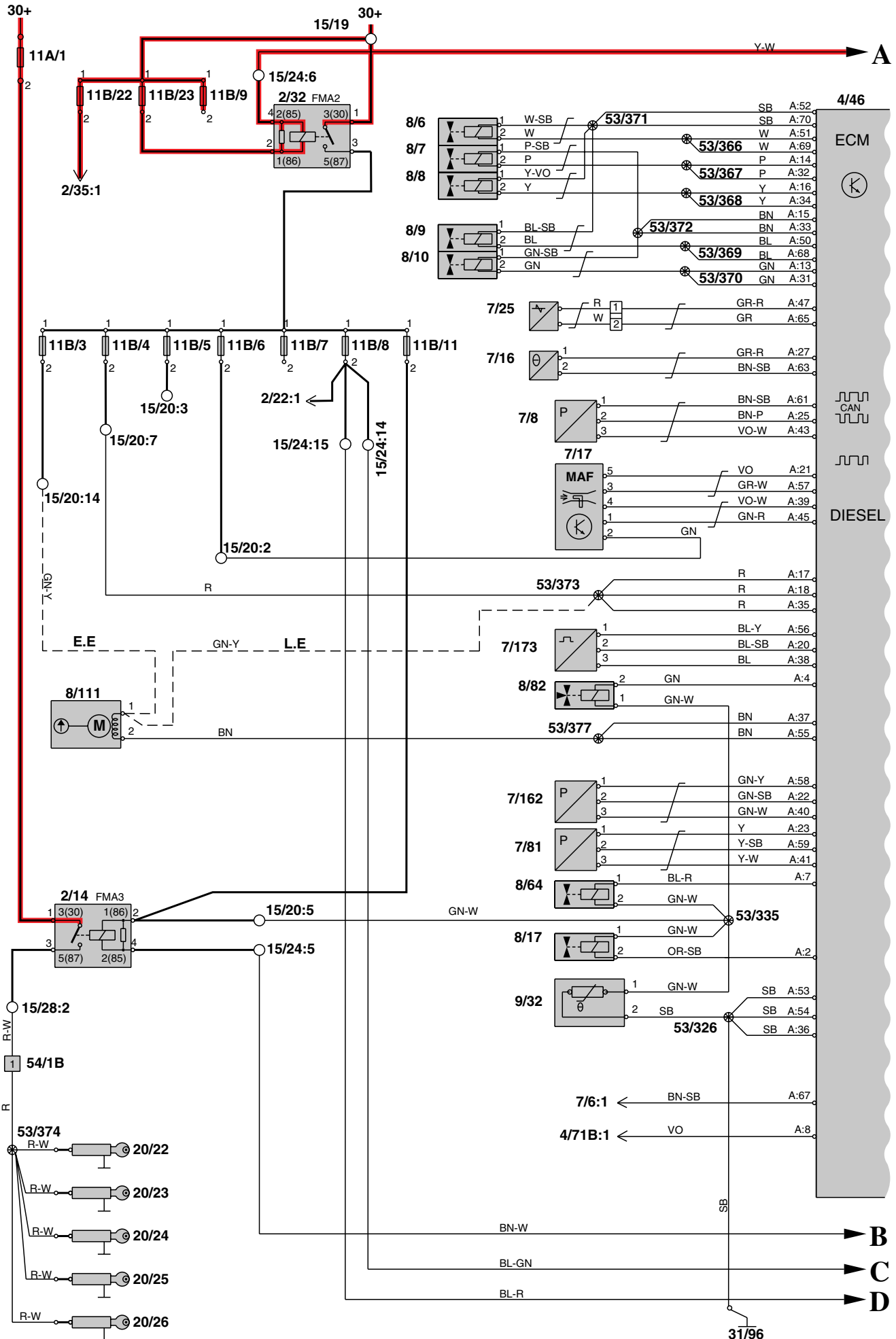
Engine management system, Bifuel



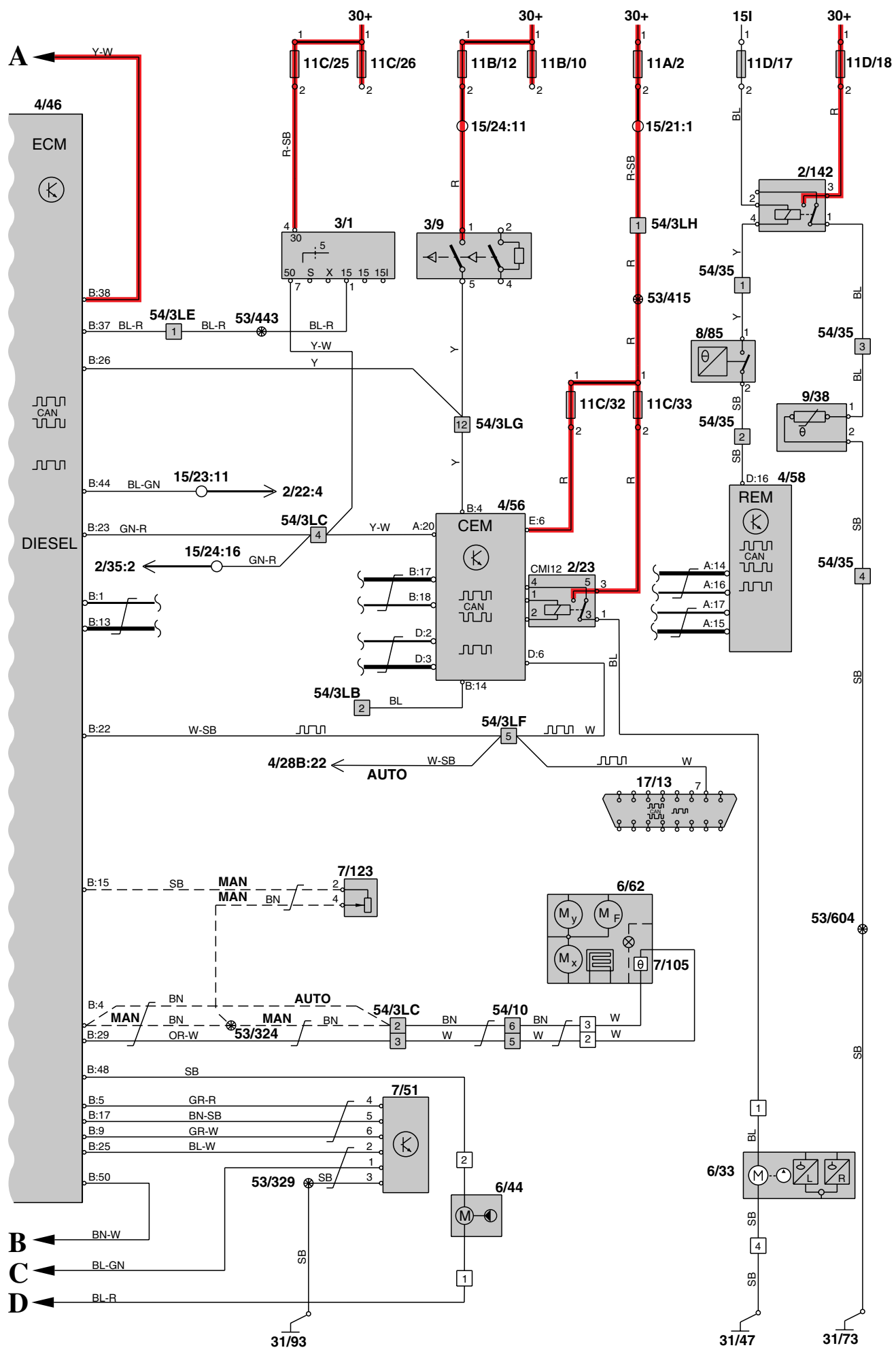
Engine management system, Bifuel



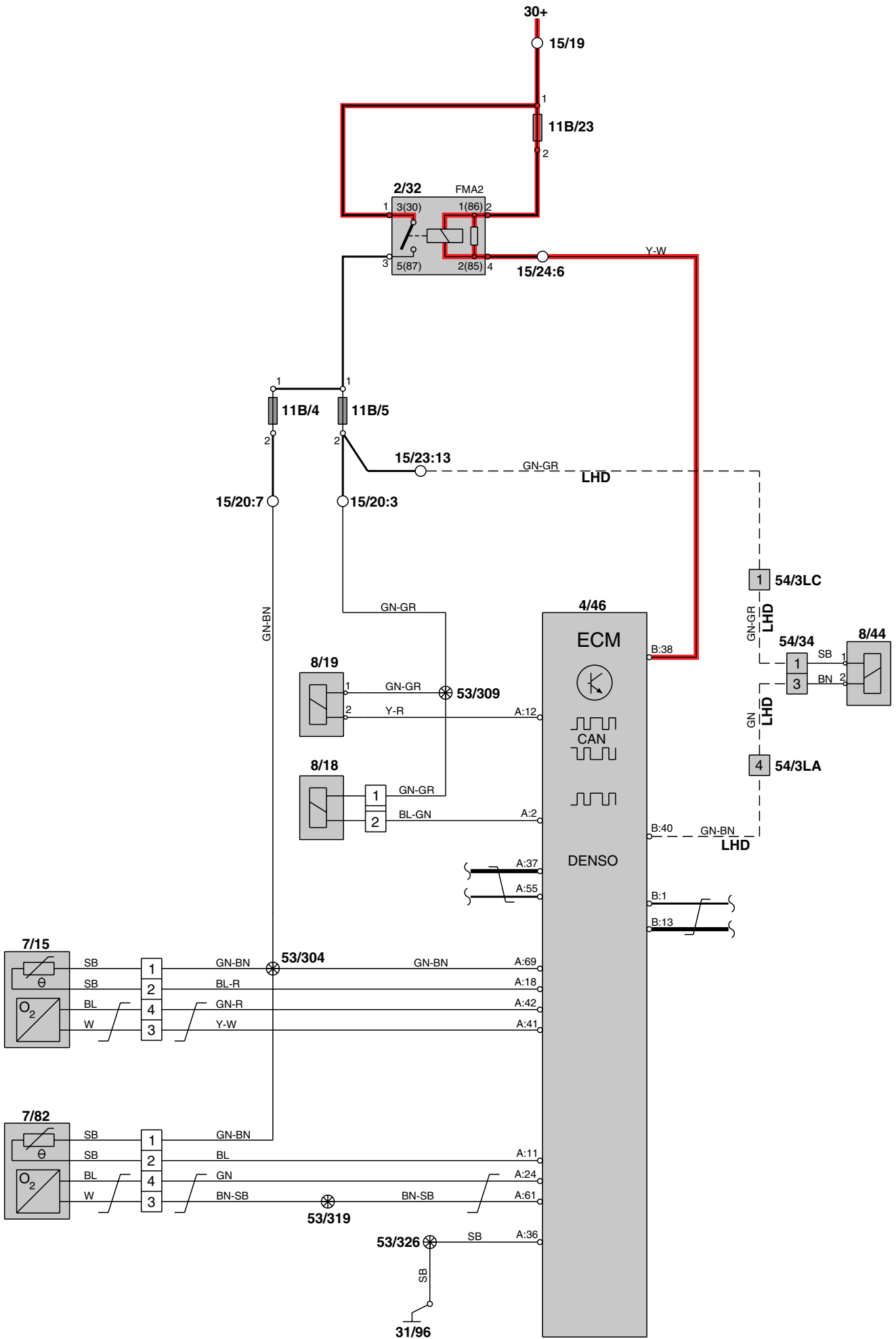
Engine management system, Diesel



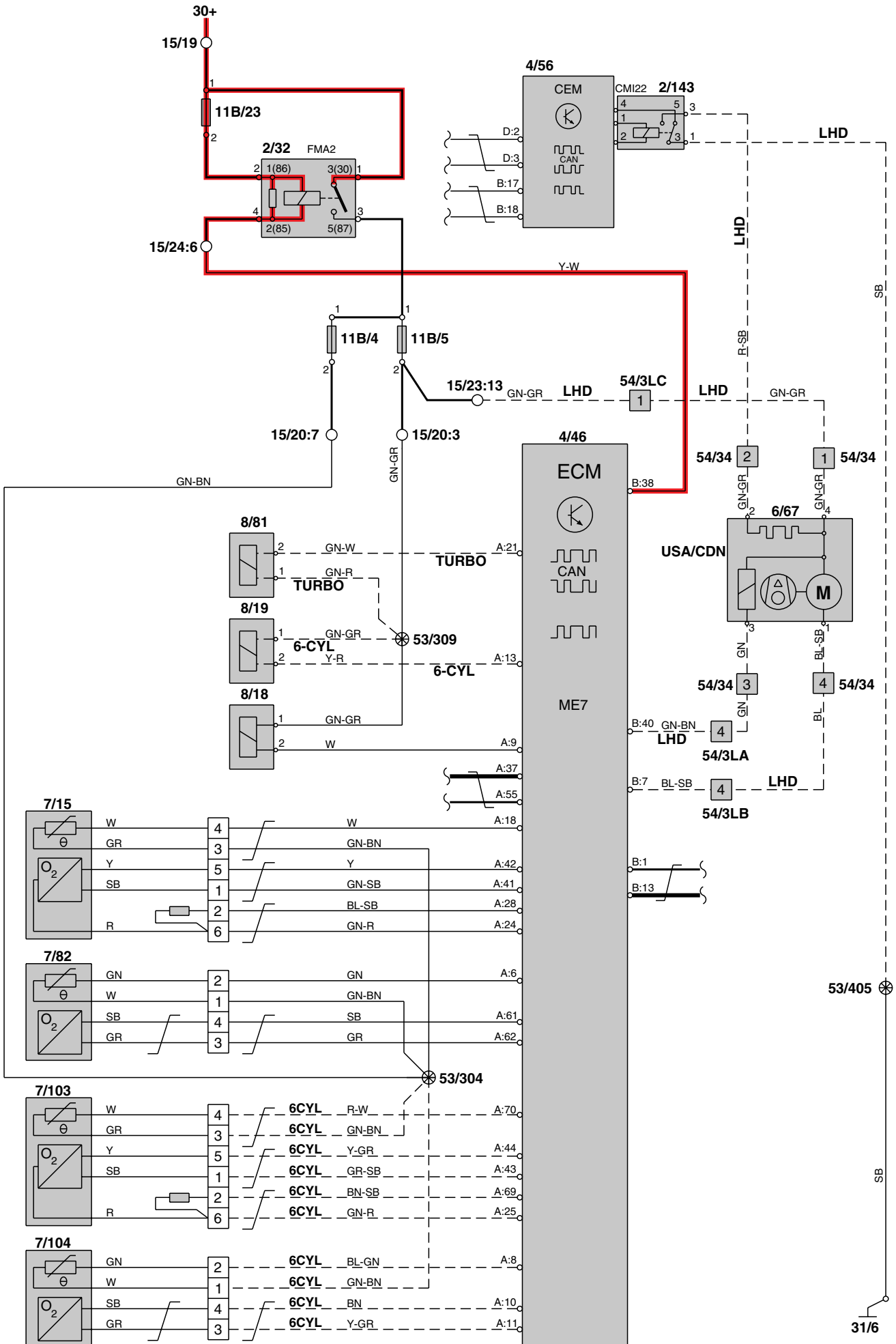
Engine management system, Diesel



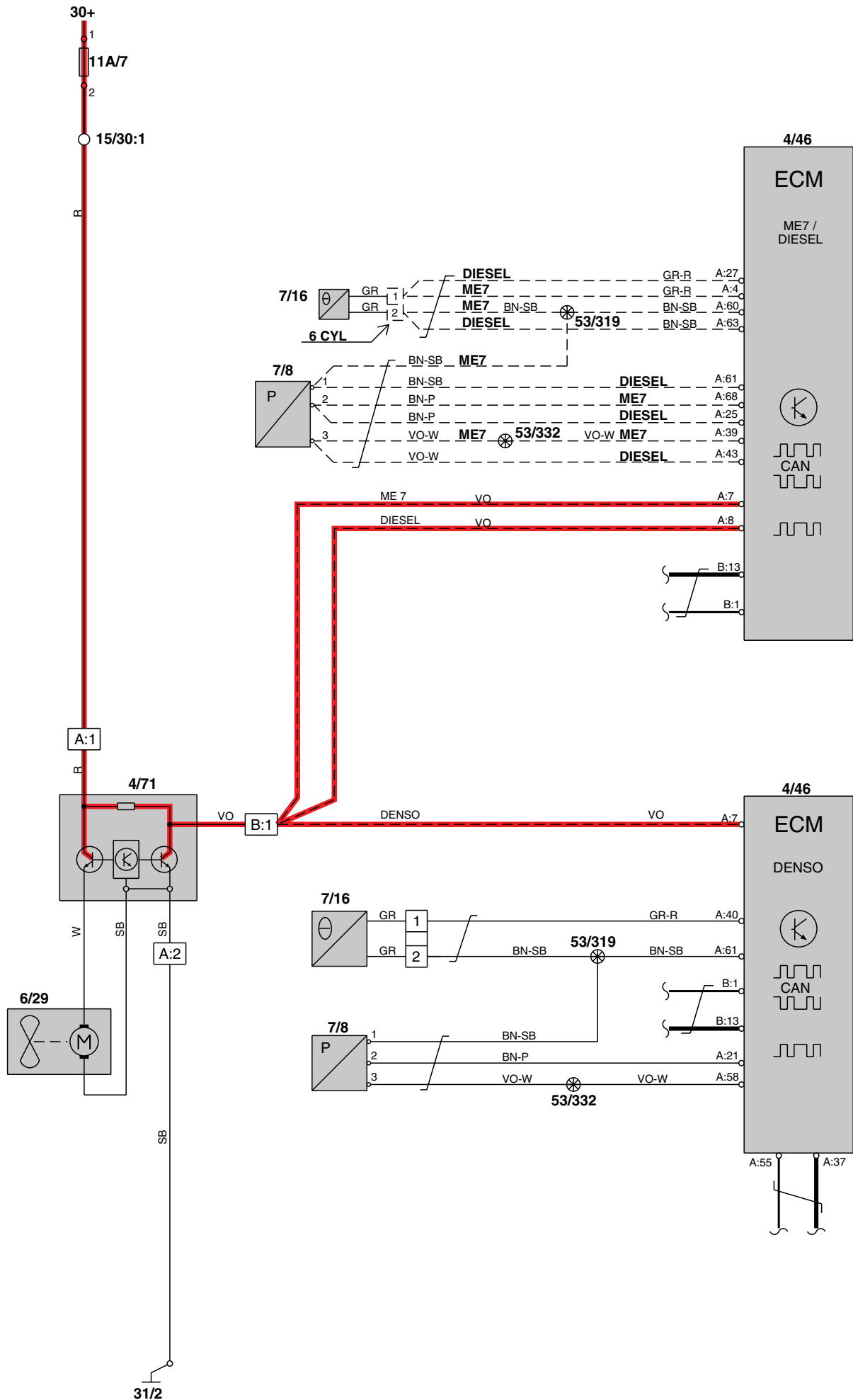
Emission control Denso



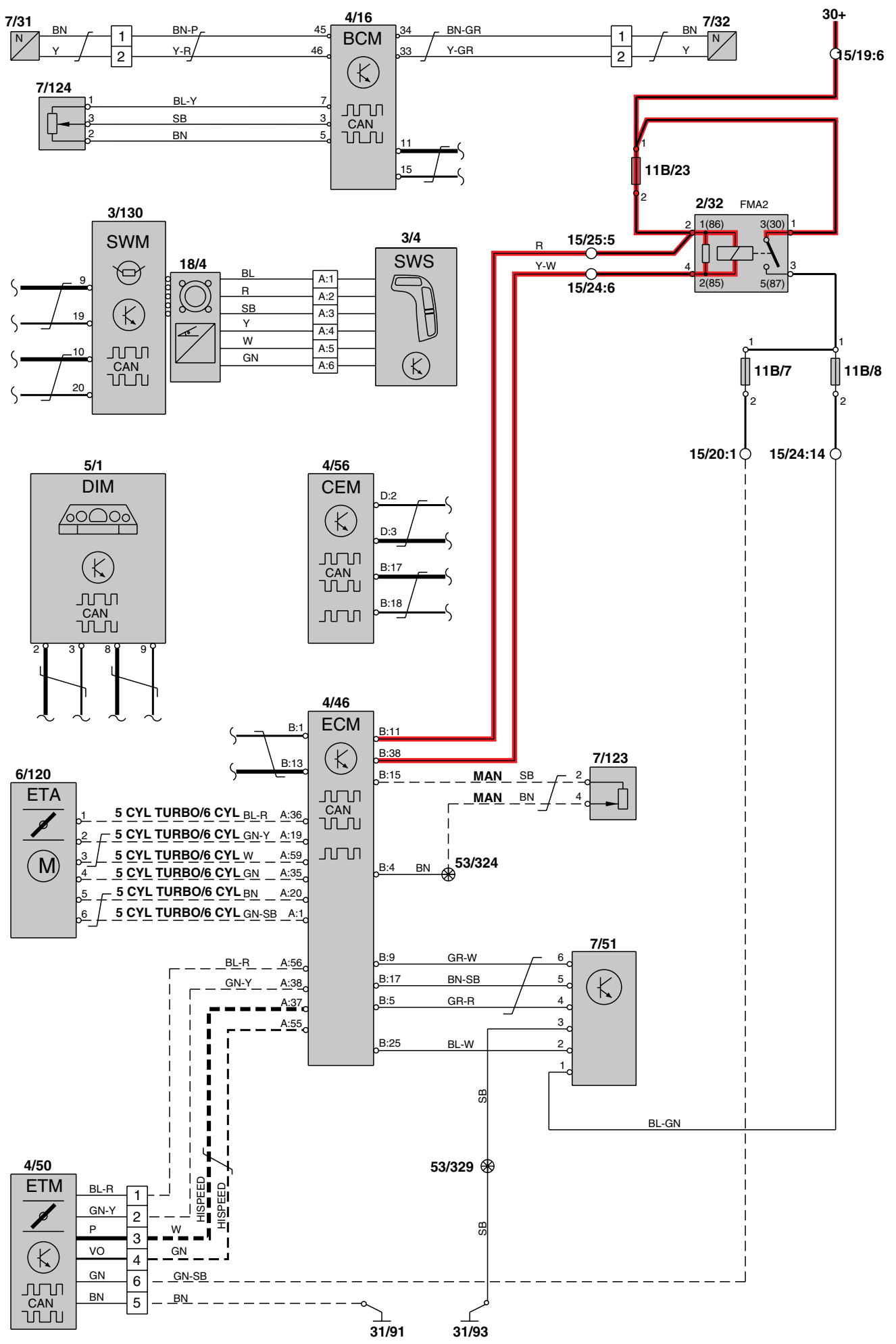
Emission control ME7



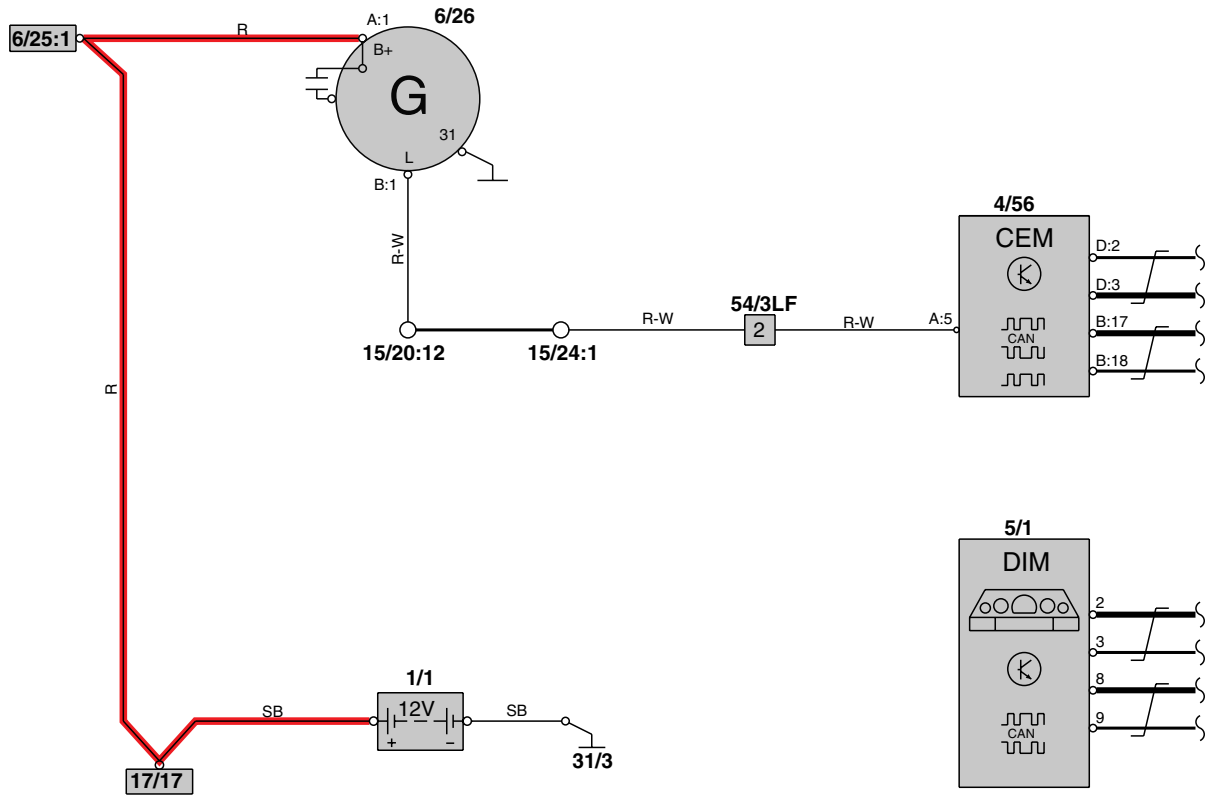
Group 26 Electric cooling fan



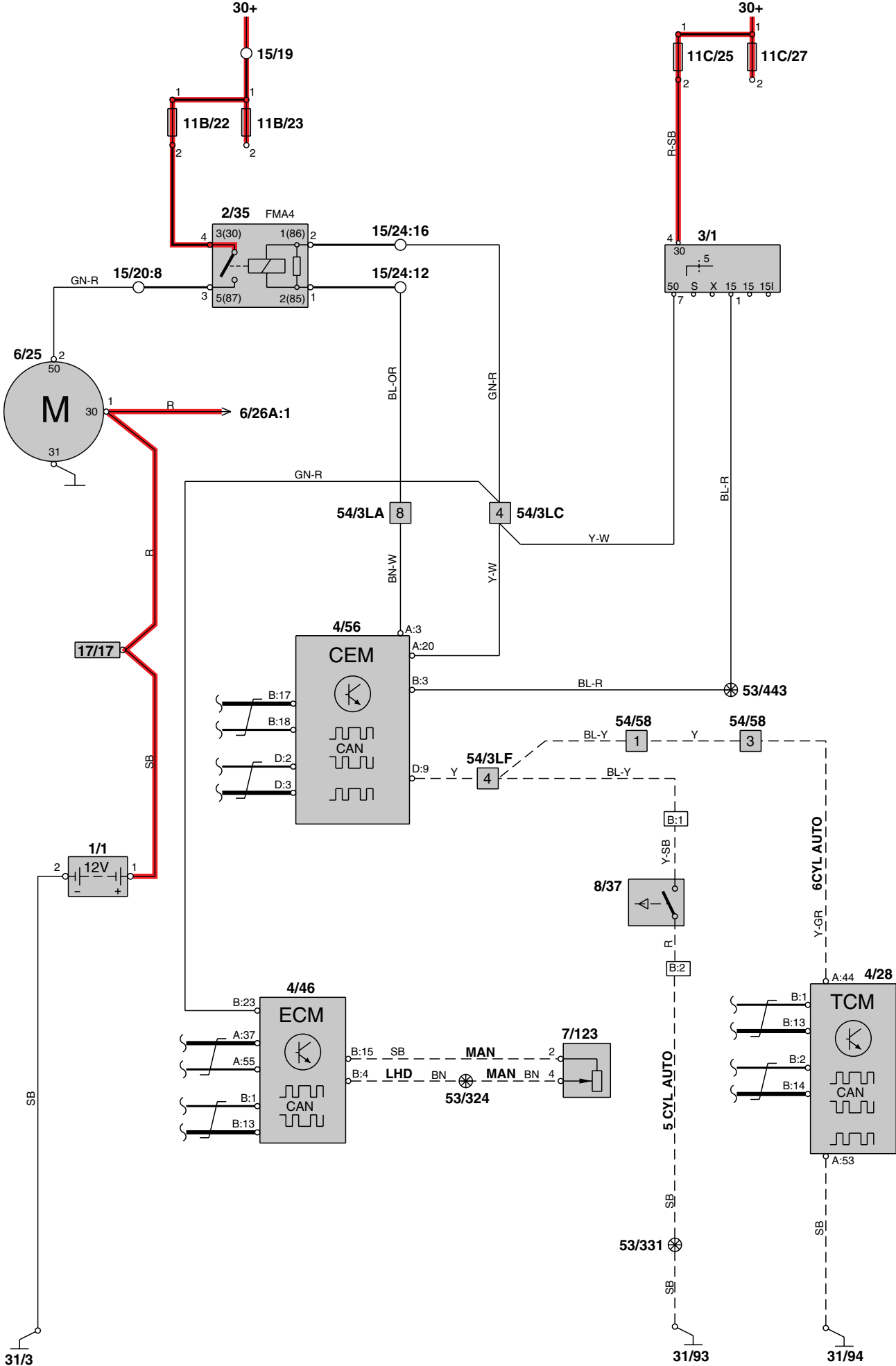
Group 27 Cruise control



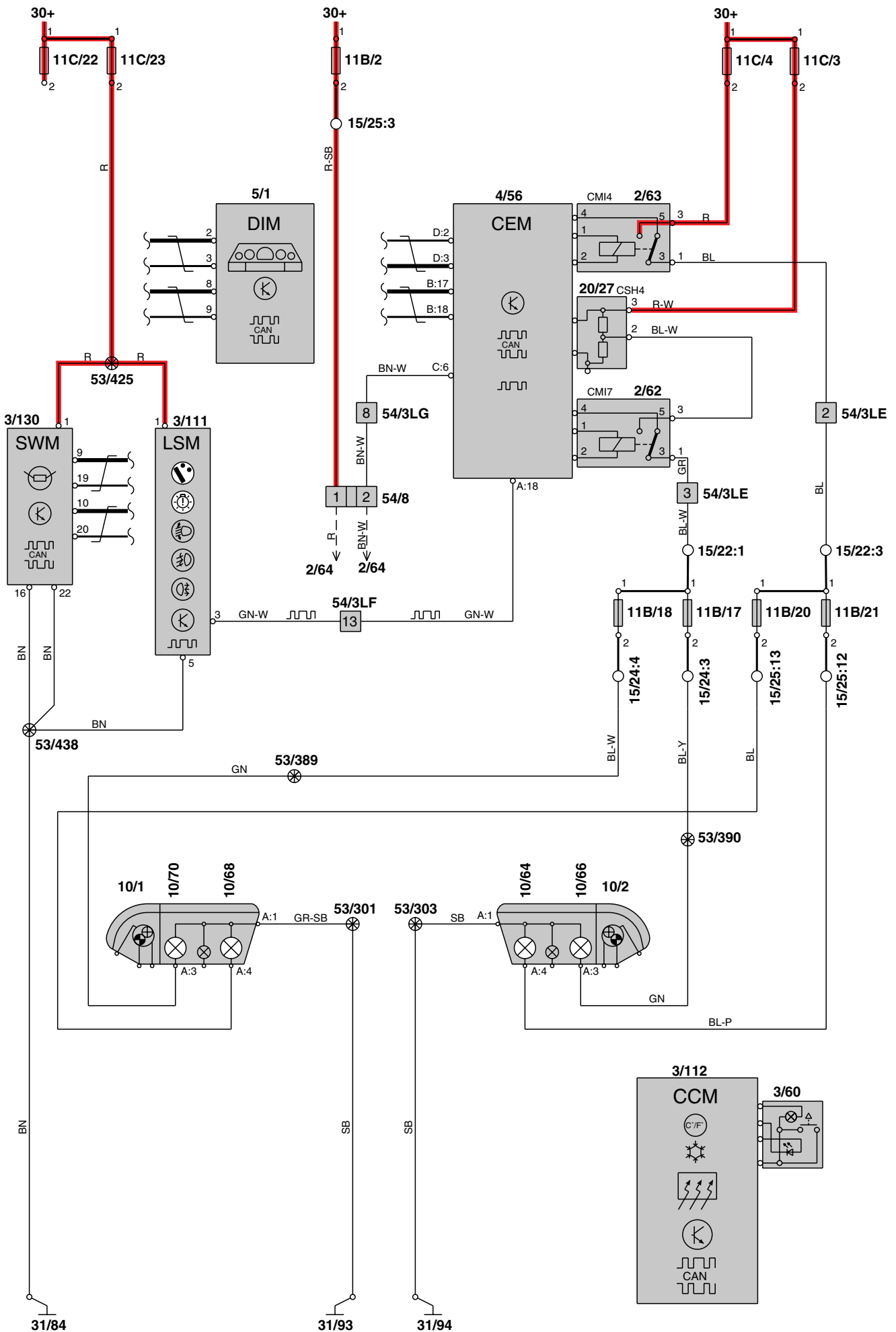
Group 32 Power supply



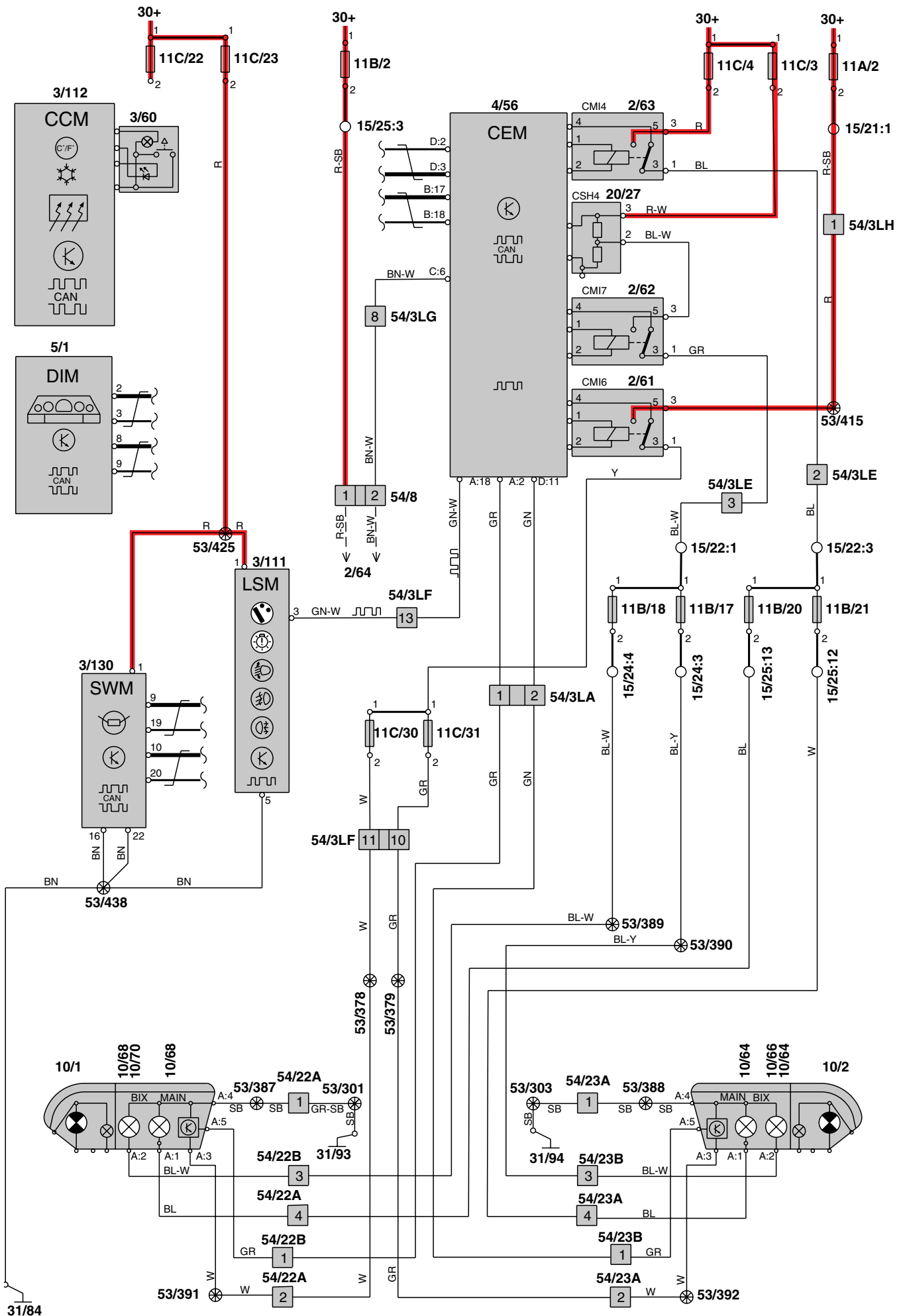
Group 33 Starting system



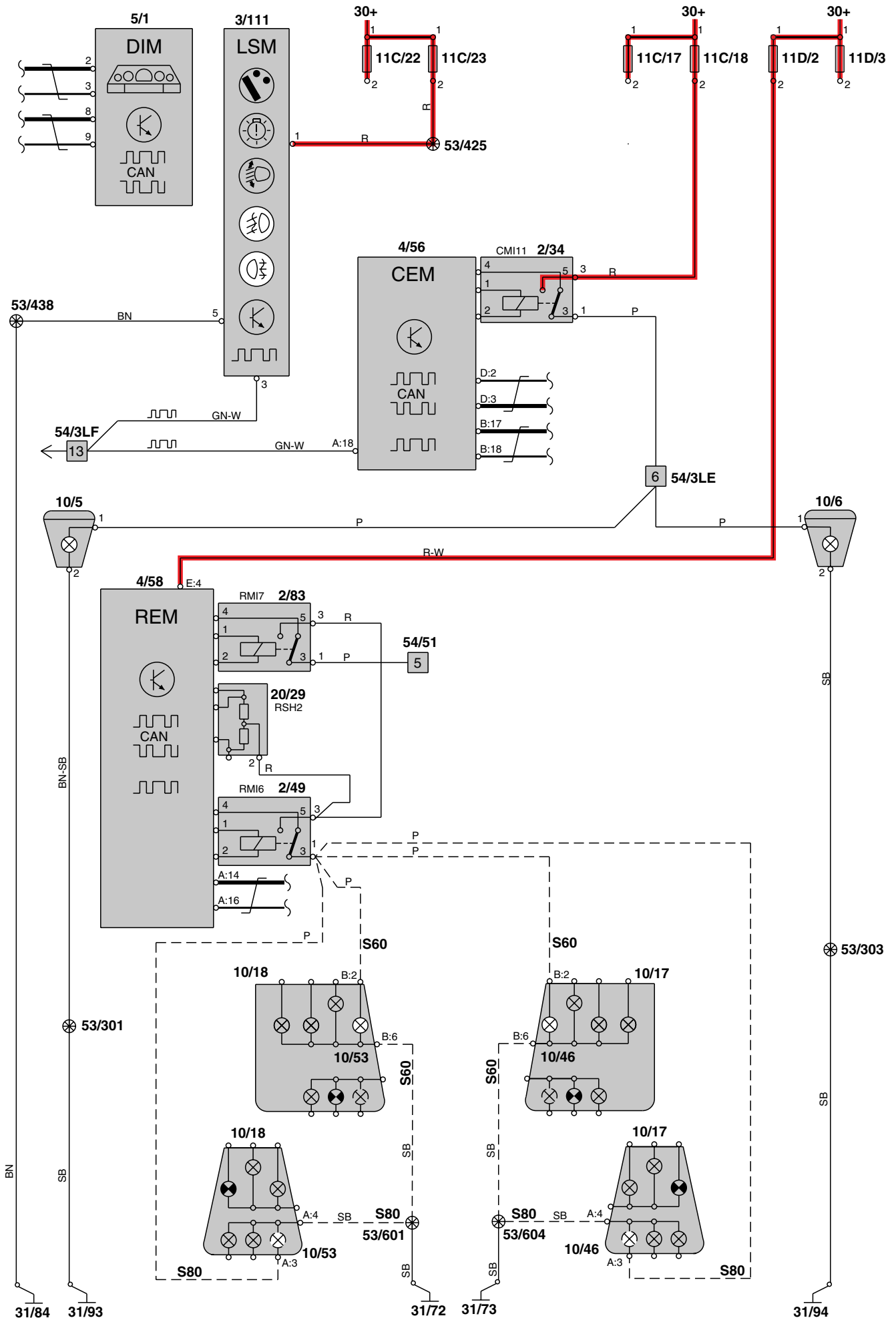
Group 35 High beam, low beam, and auxiliary light wiring



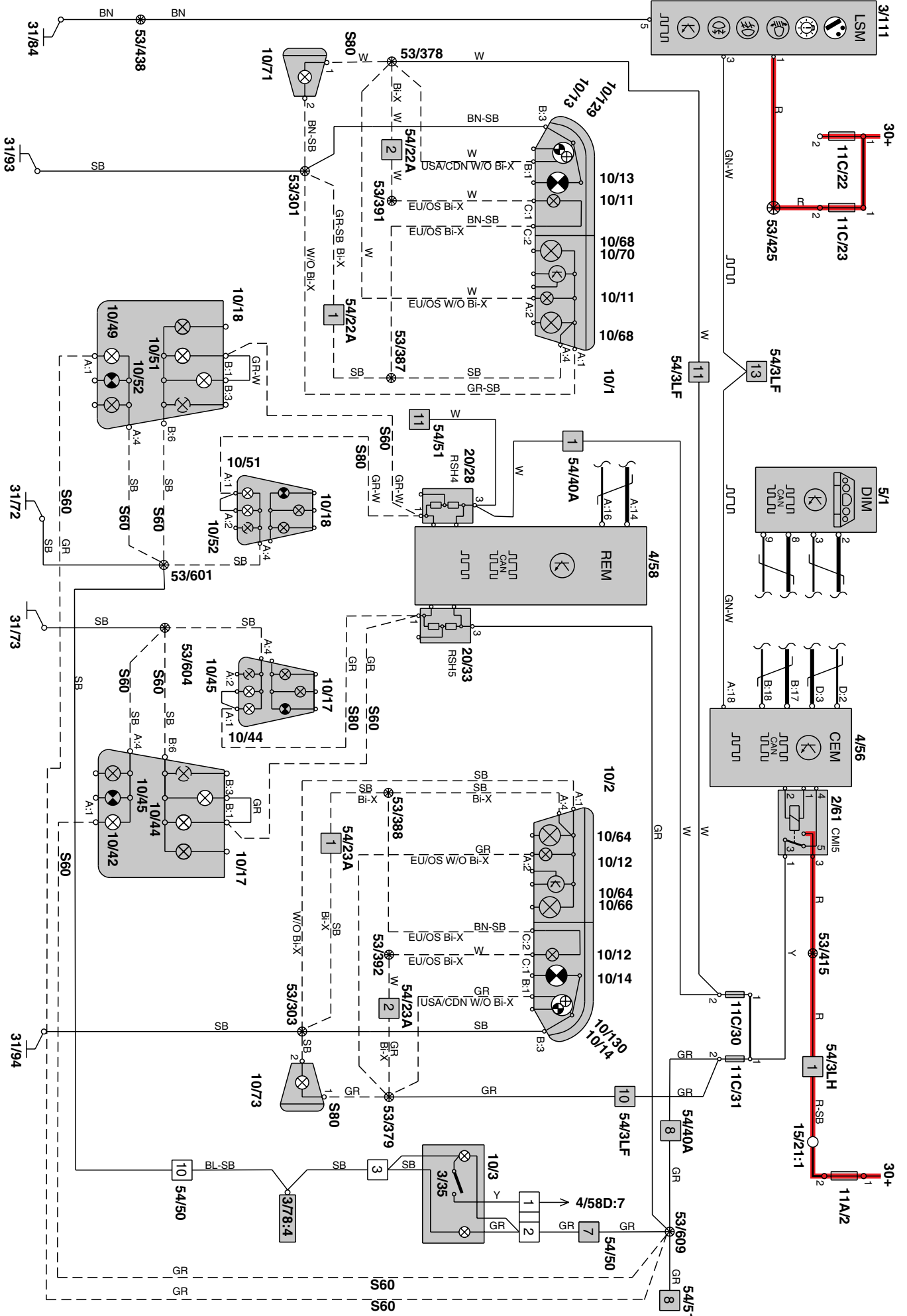
High beam, low beam and auxiliary light wiring Bi-Xenon



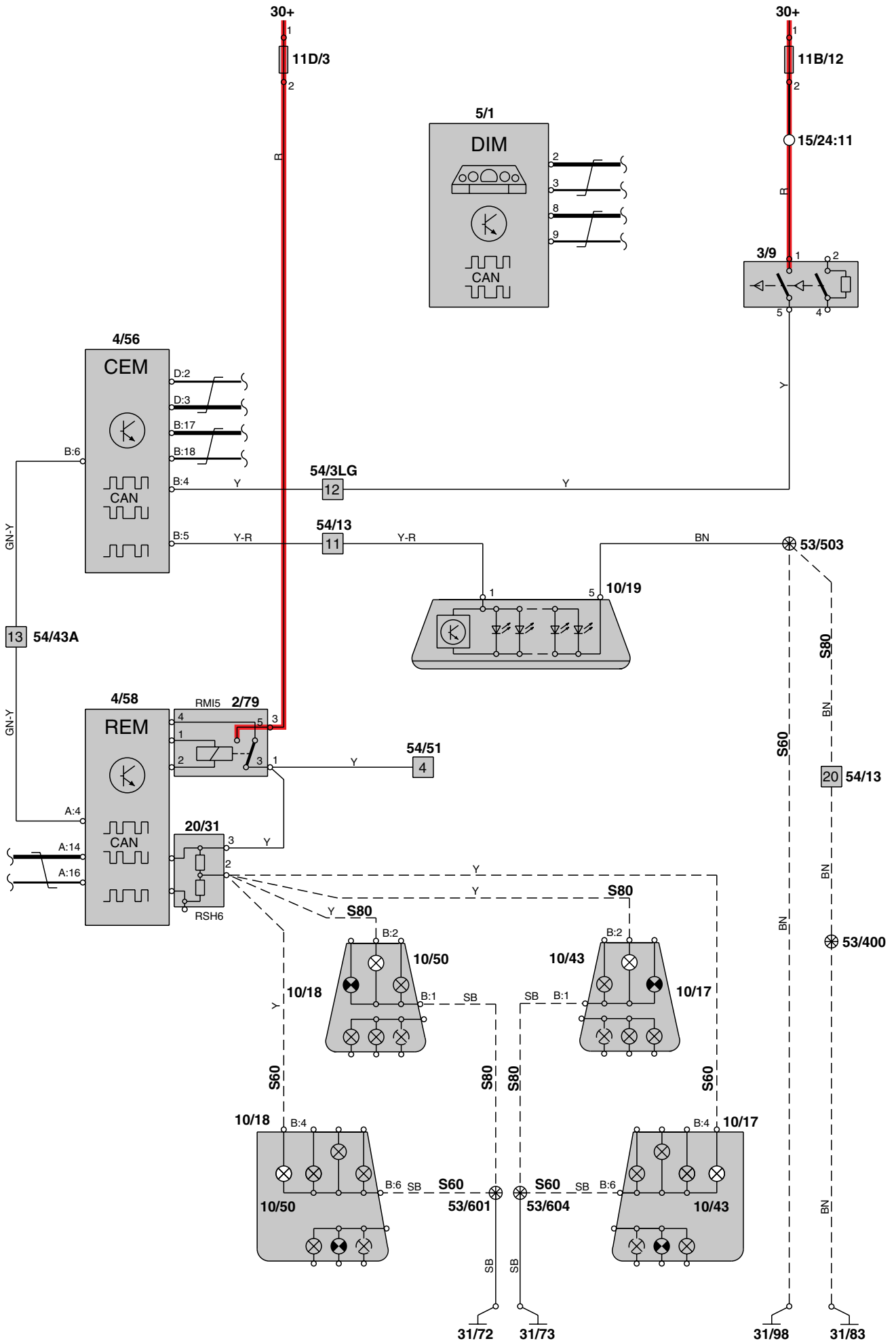
Fog light



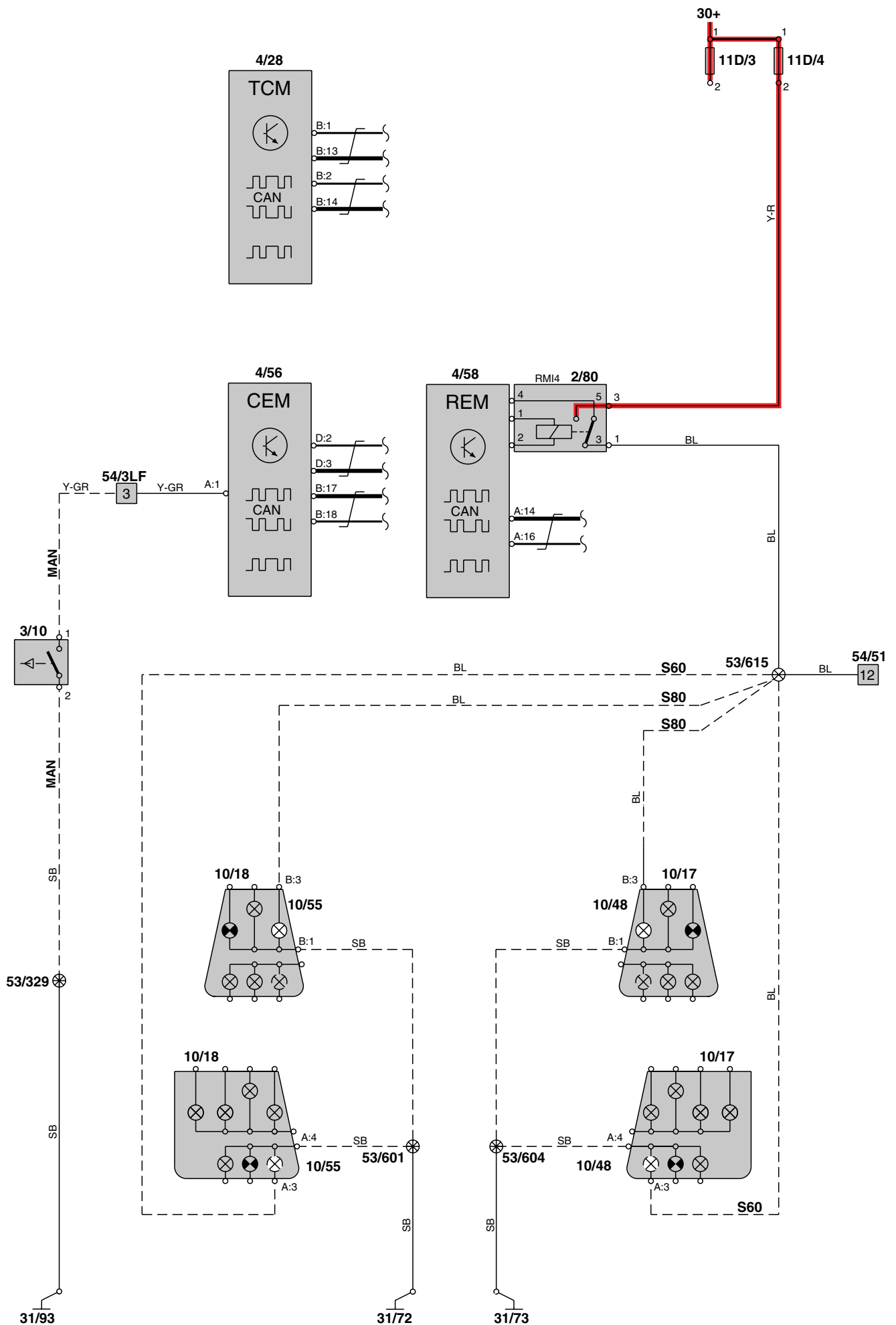
Parking lights, tail lights and license plate lighting



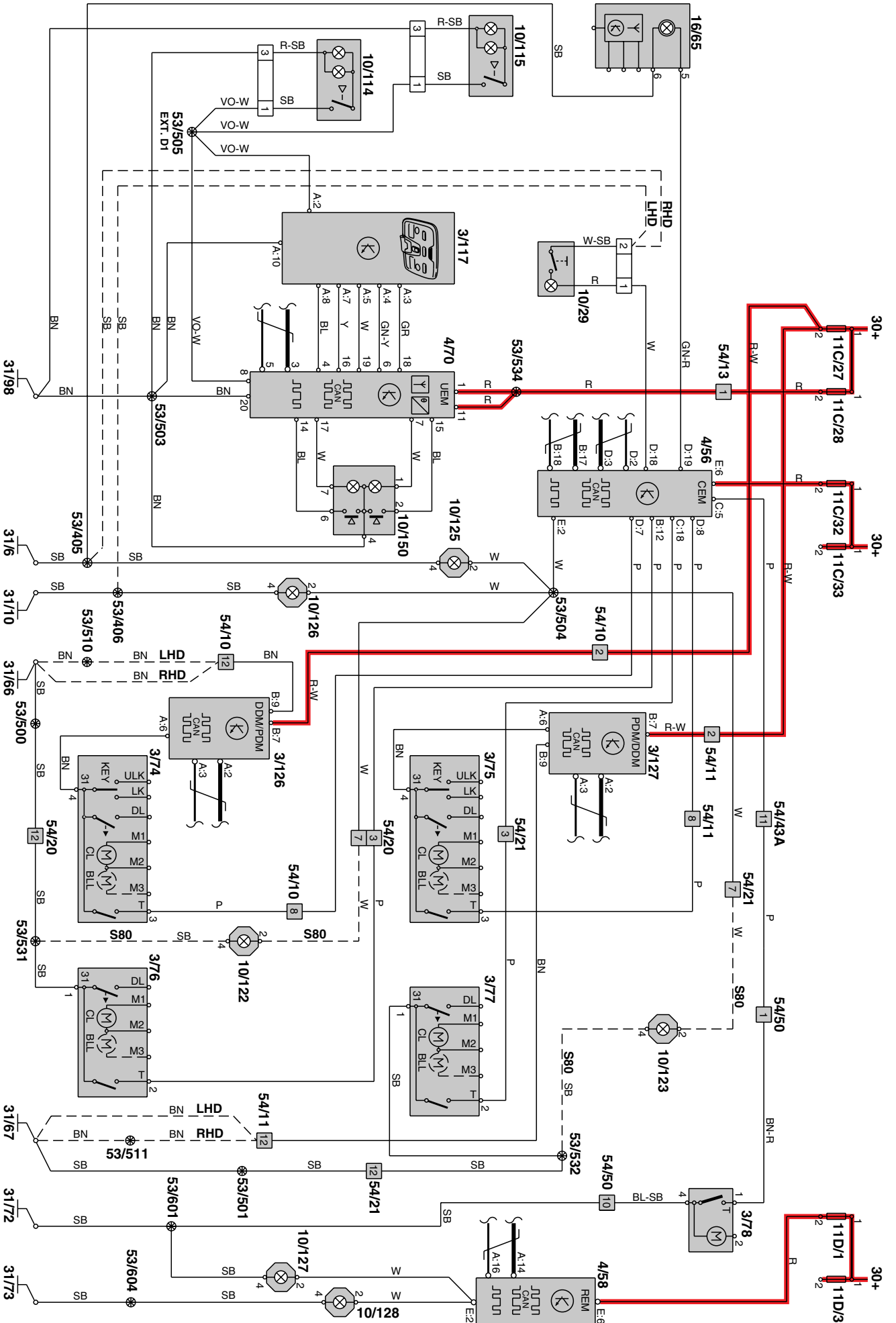
Brake lights



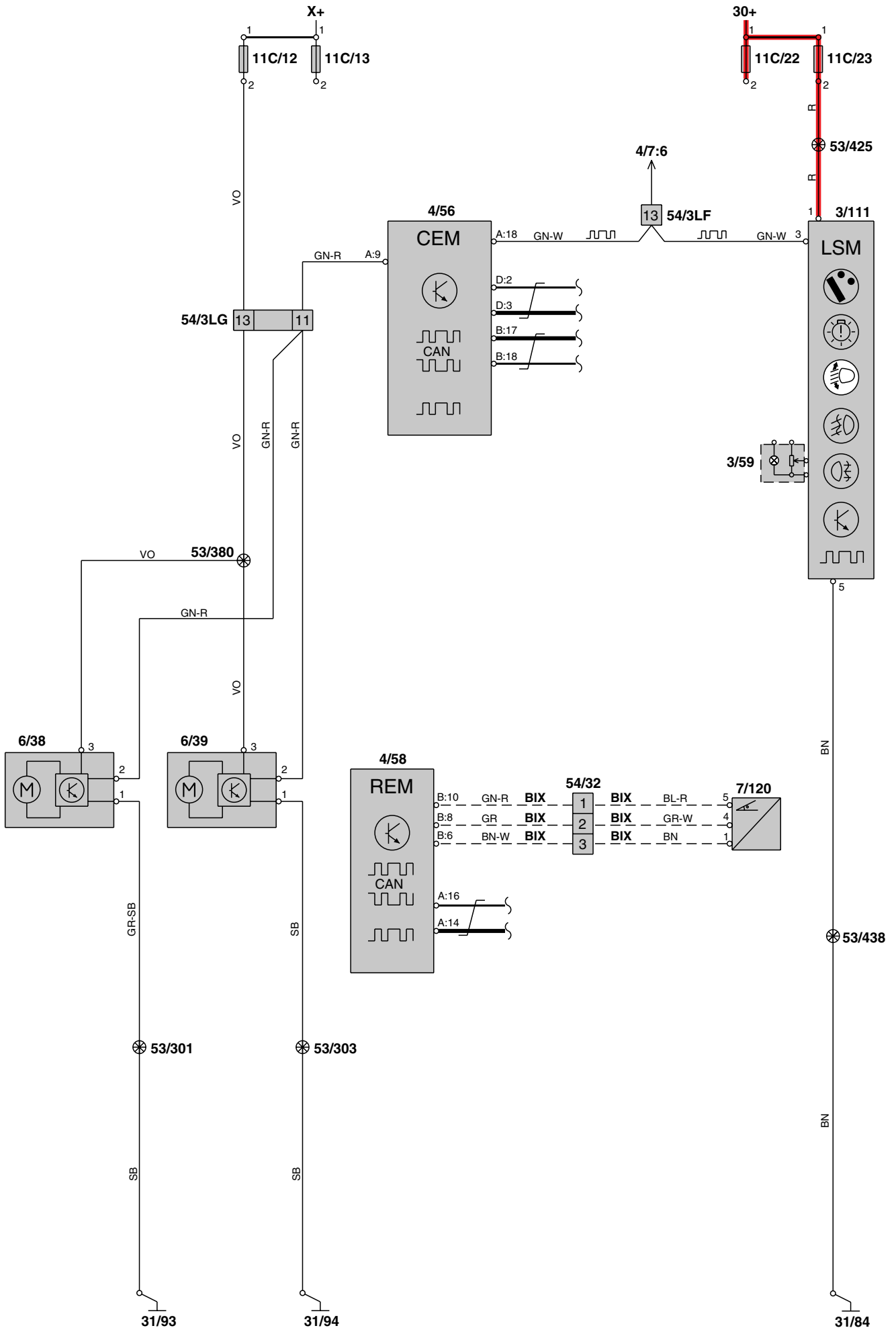
Reversing lights



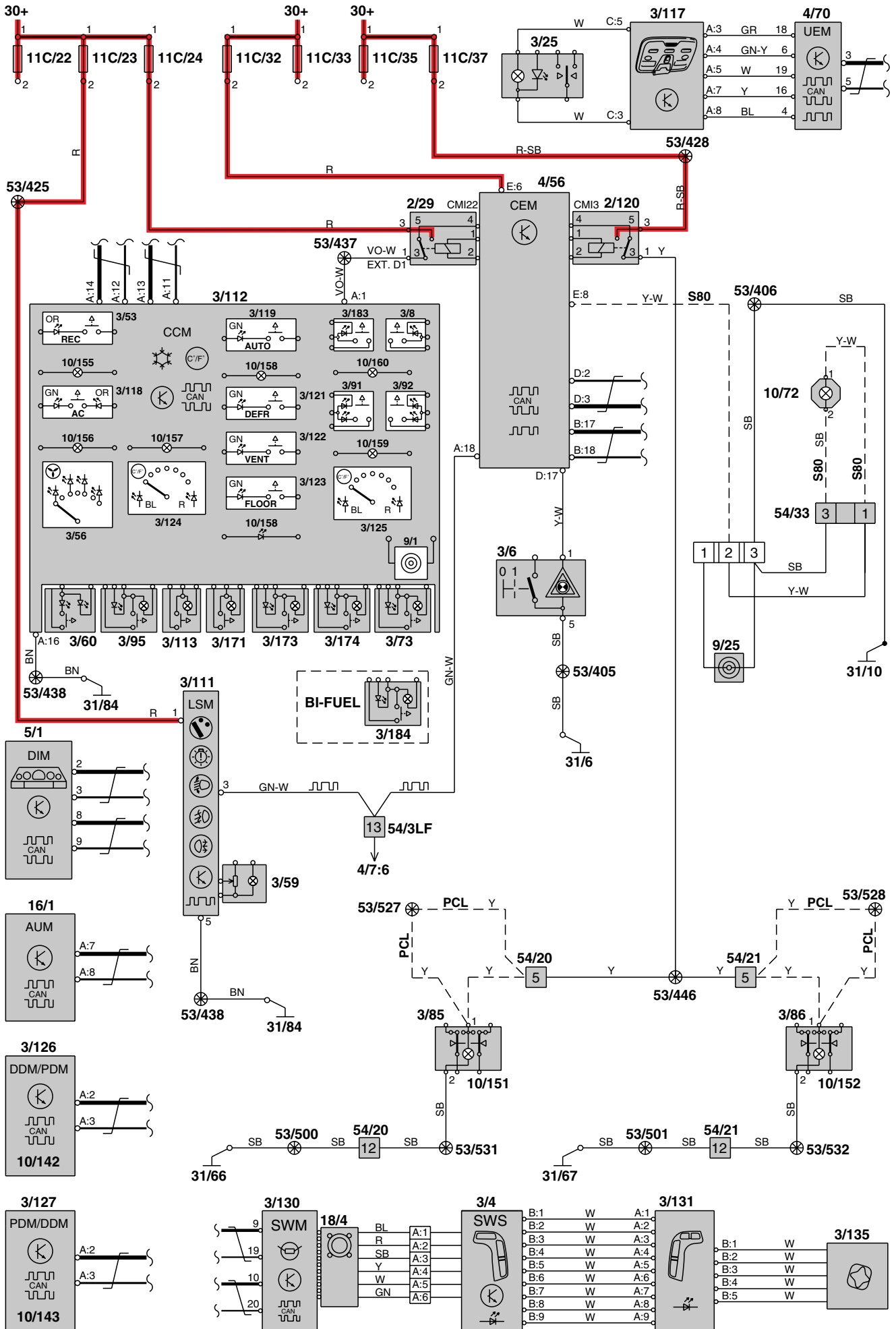
Interior lighting



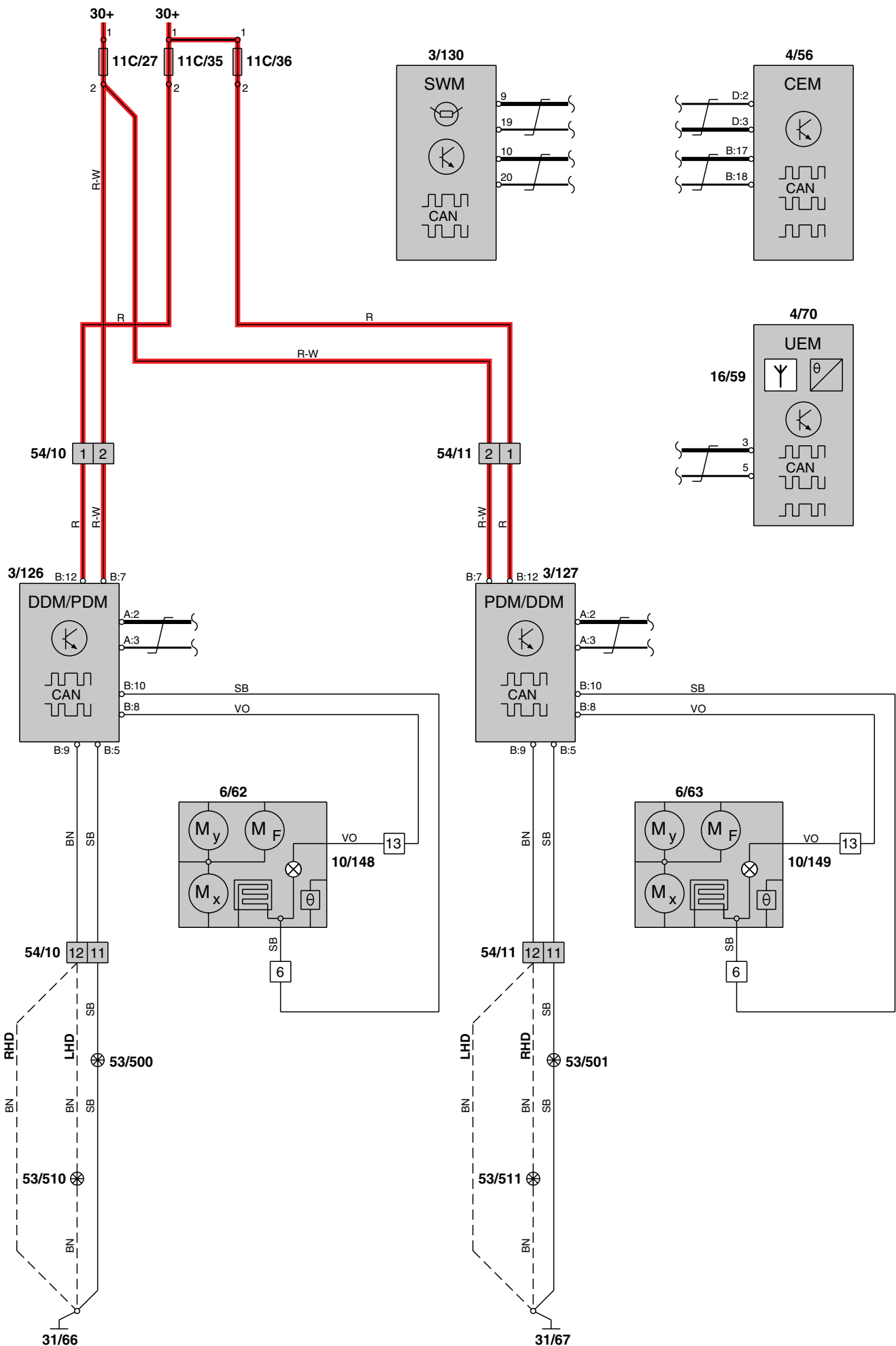
Beam length adjustment

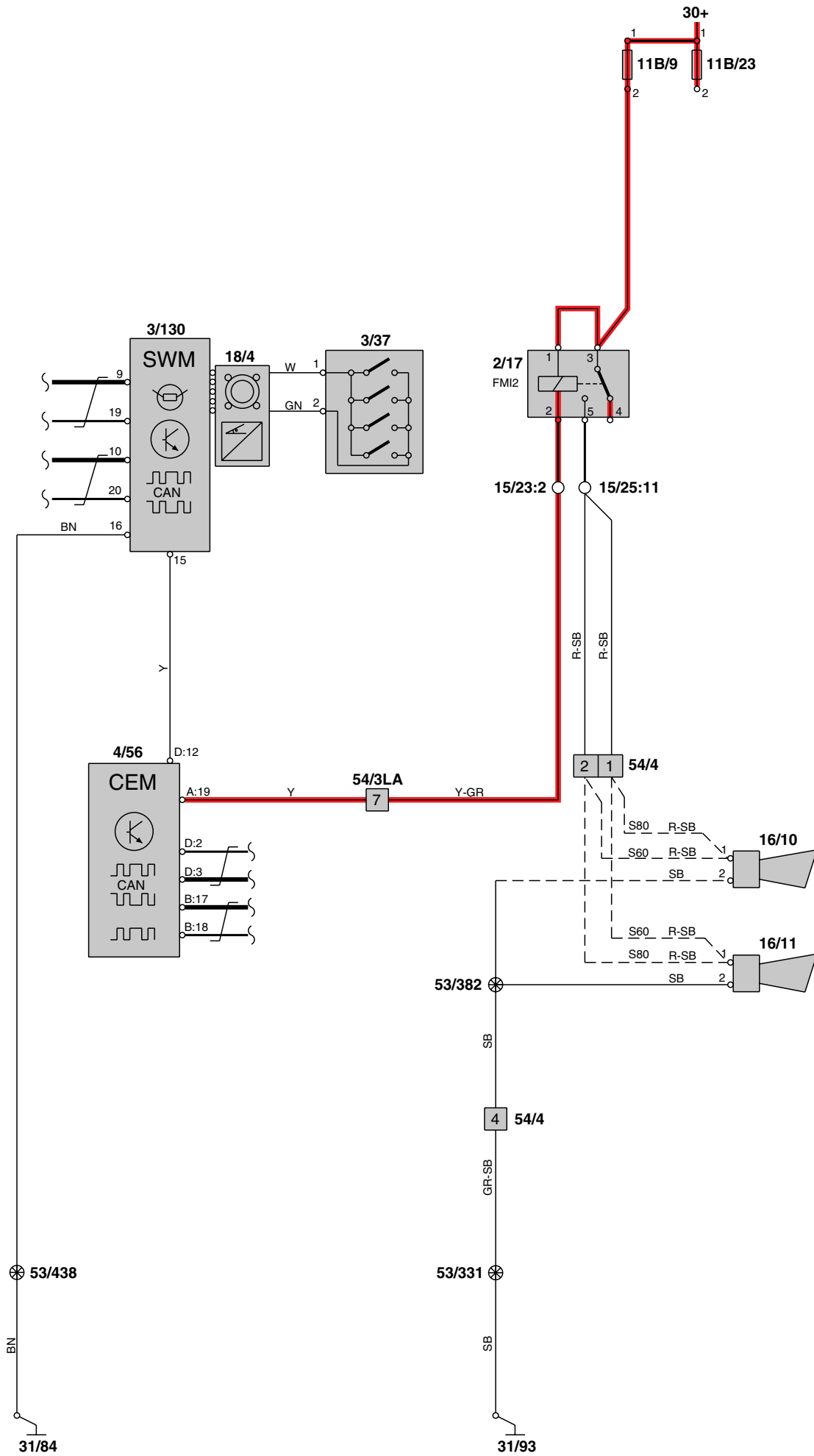


Instrument and control lighting



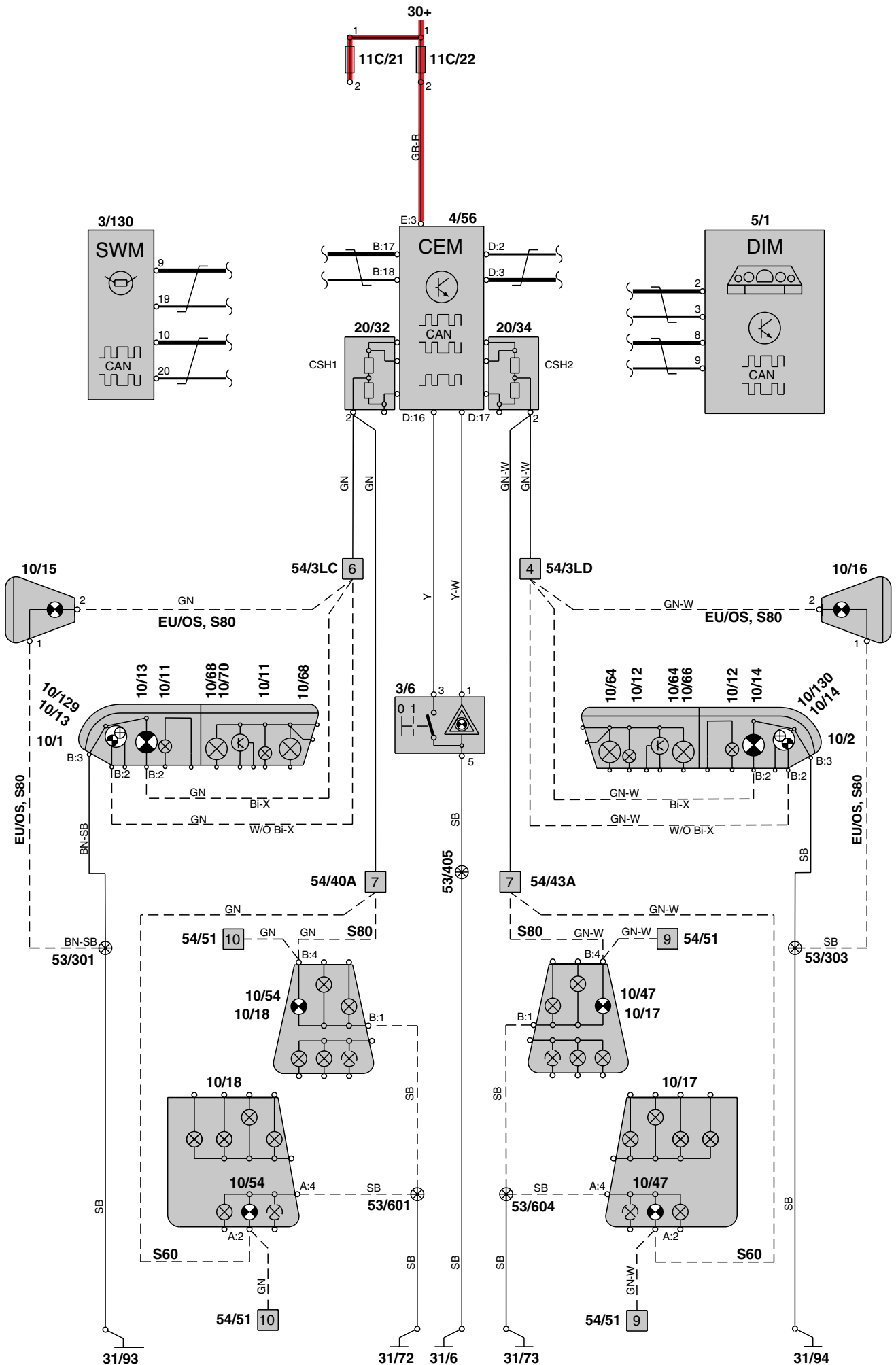
Safety lighting



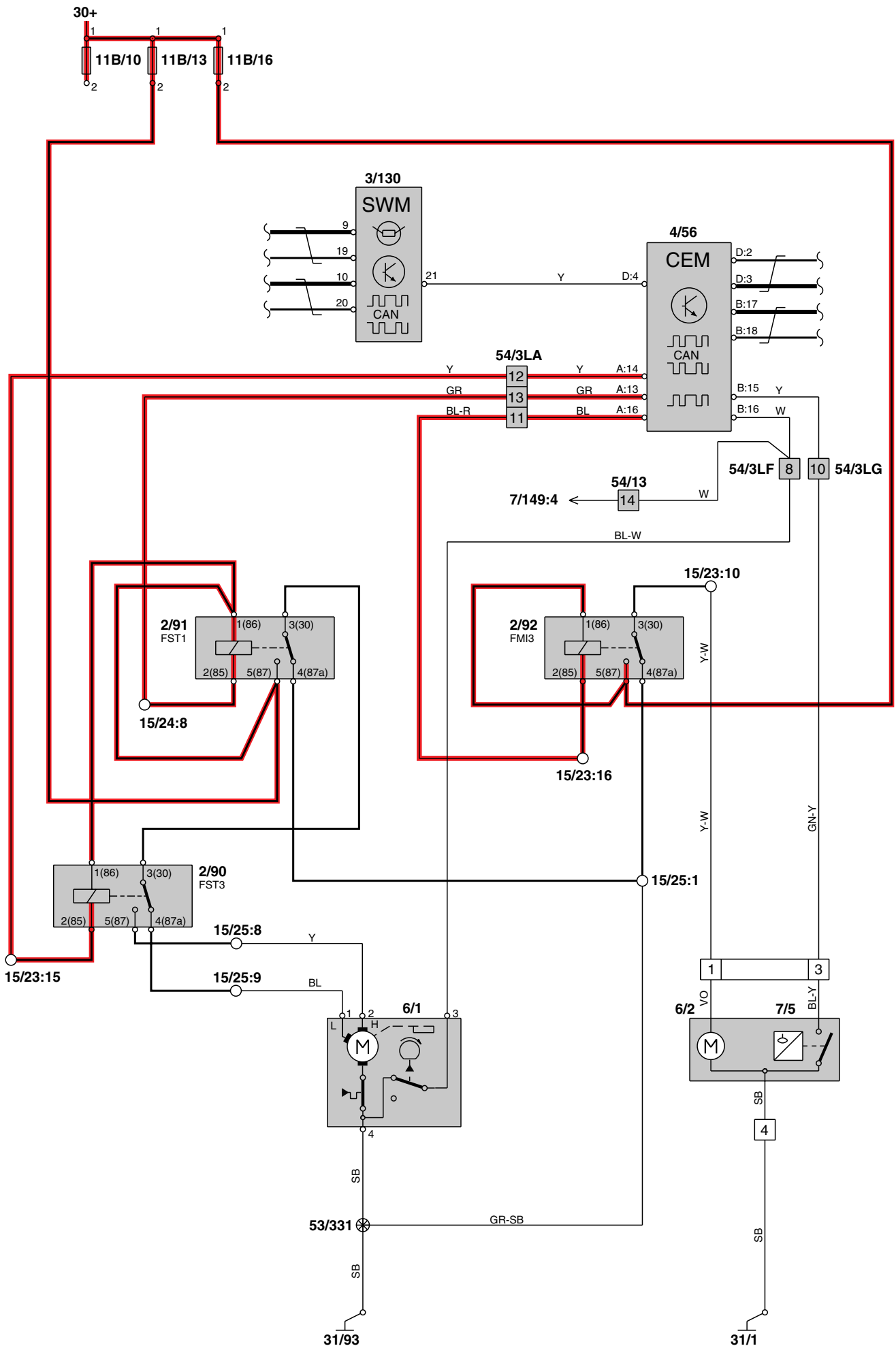


Group 36

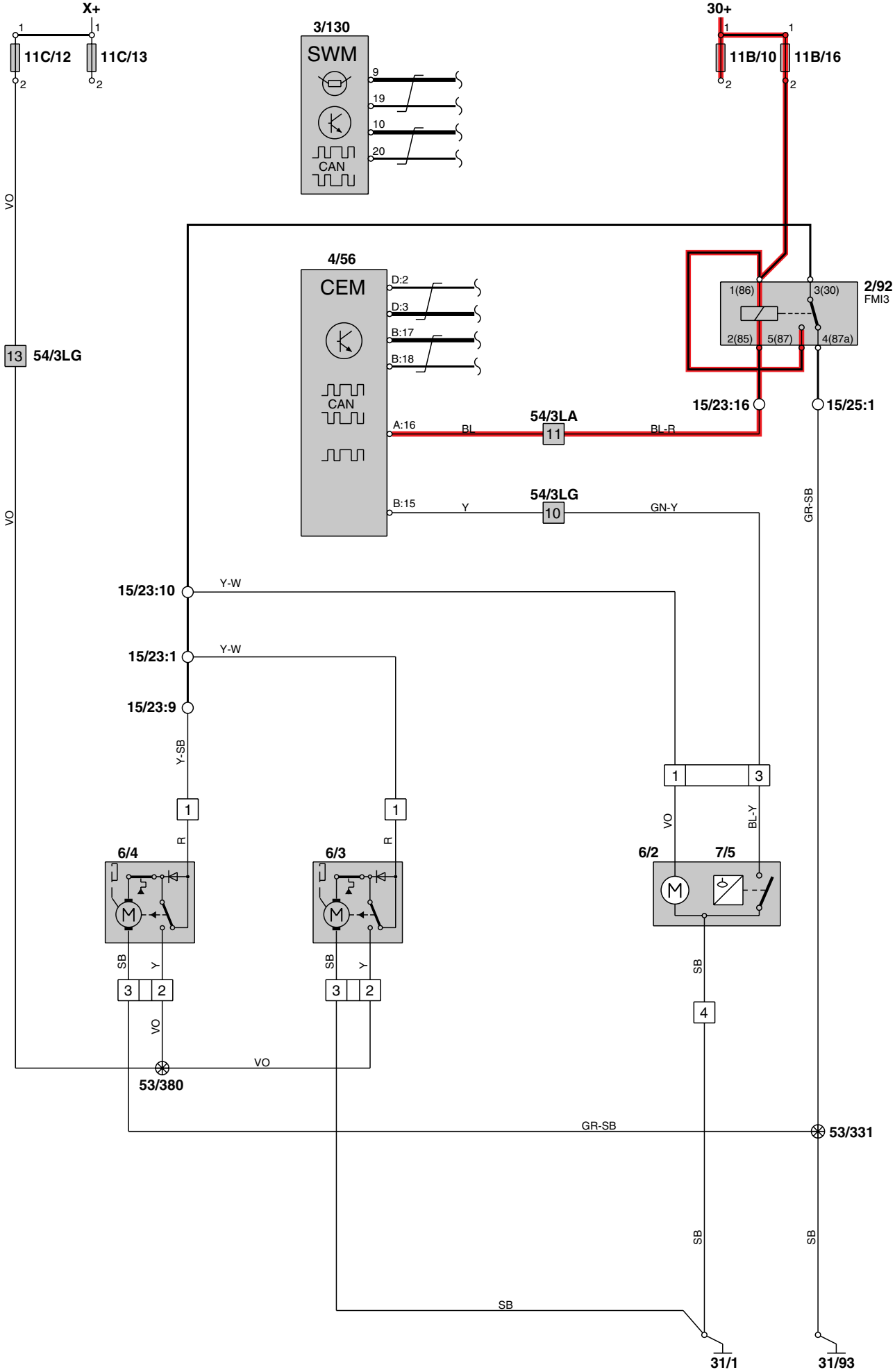
Indicators and warning lights



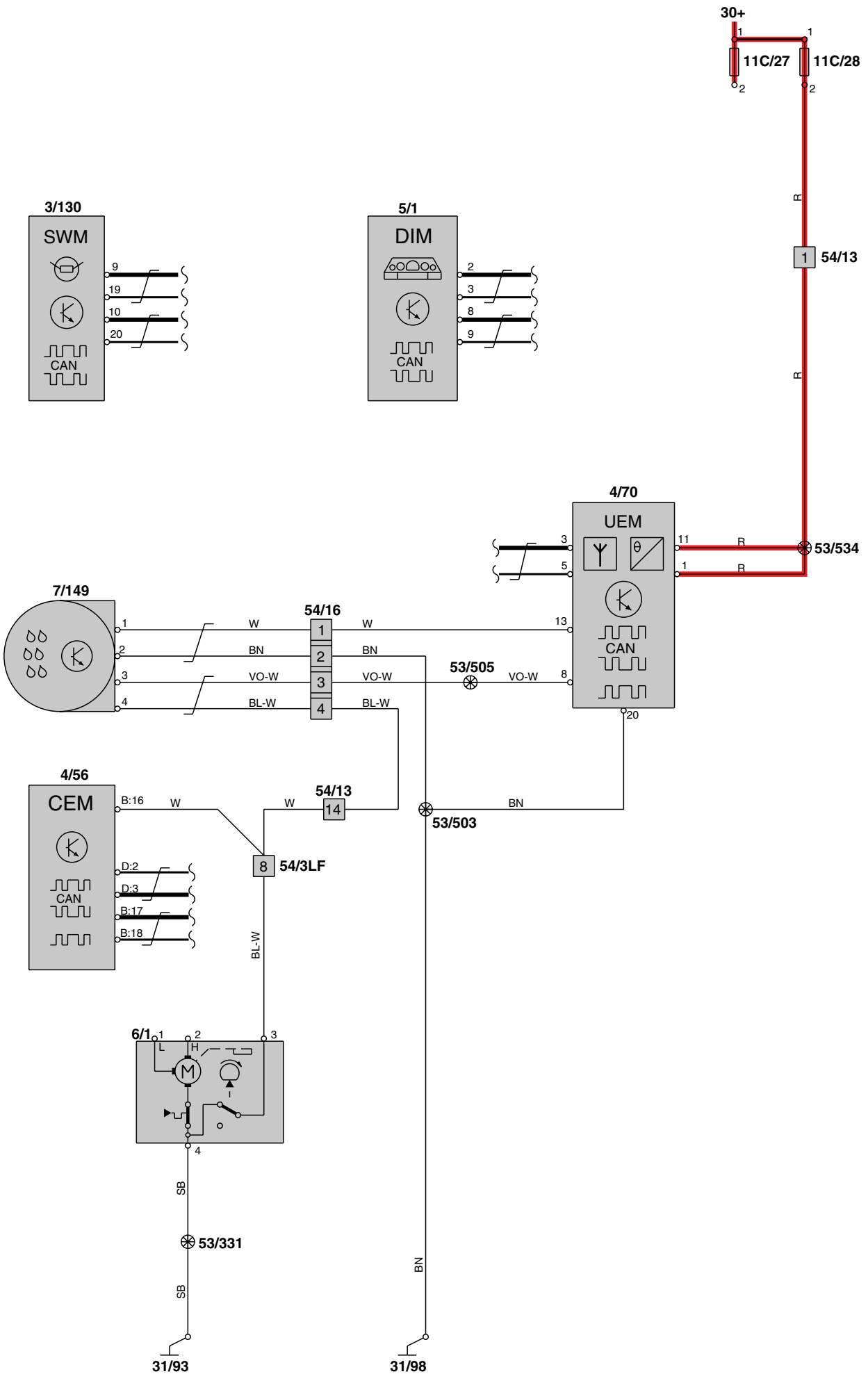
Wiper/Washer, Windshield



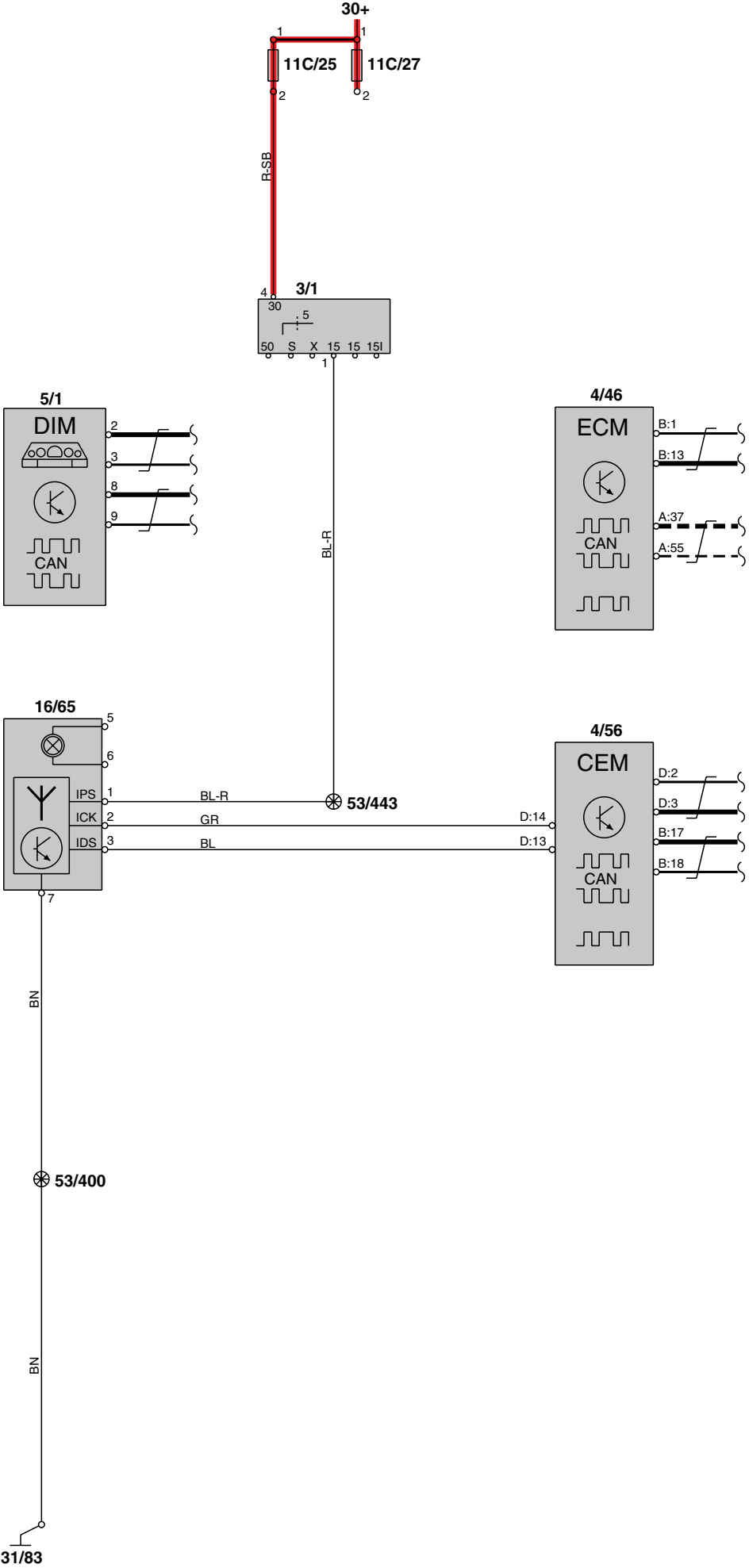
Wiper/Washer, Headlights



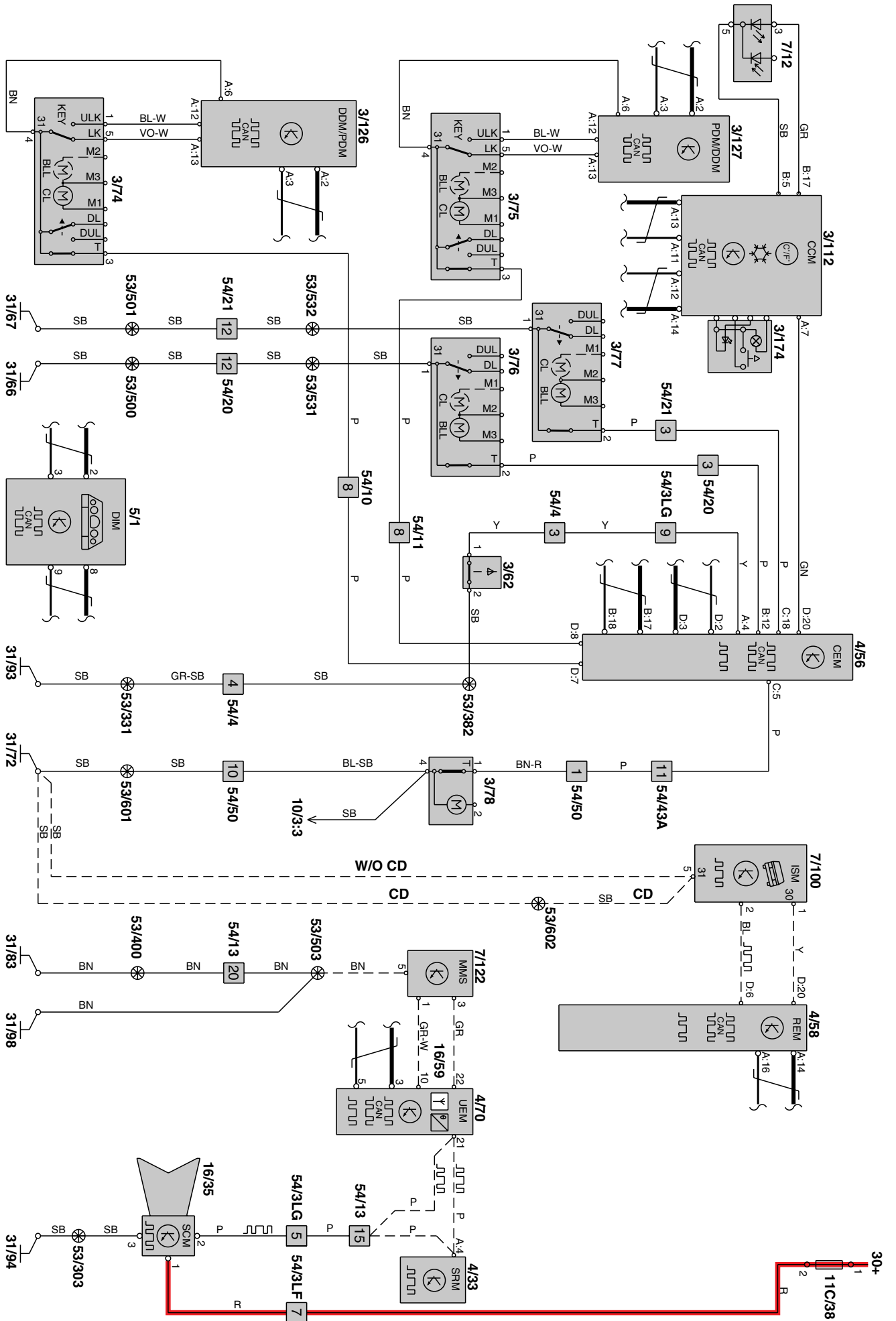
Rain sensor



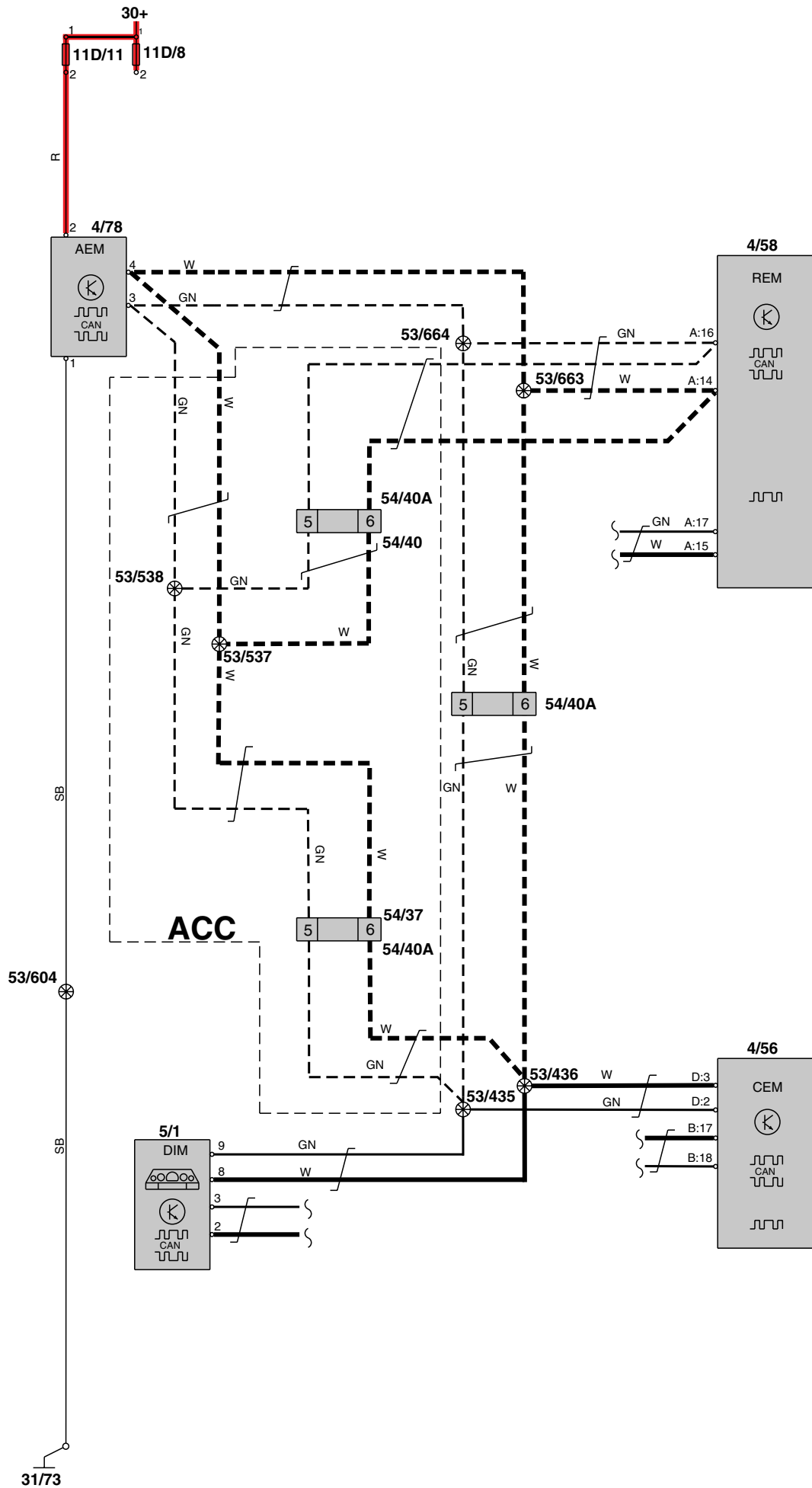
Electronic immobilizer



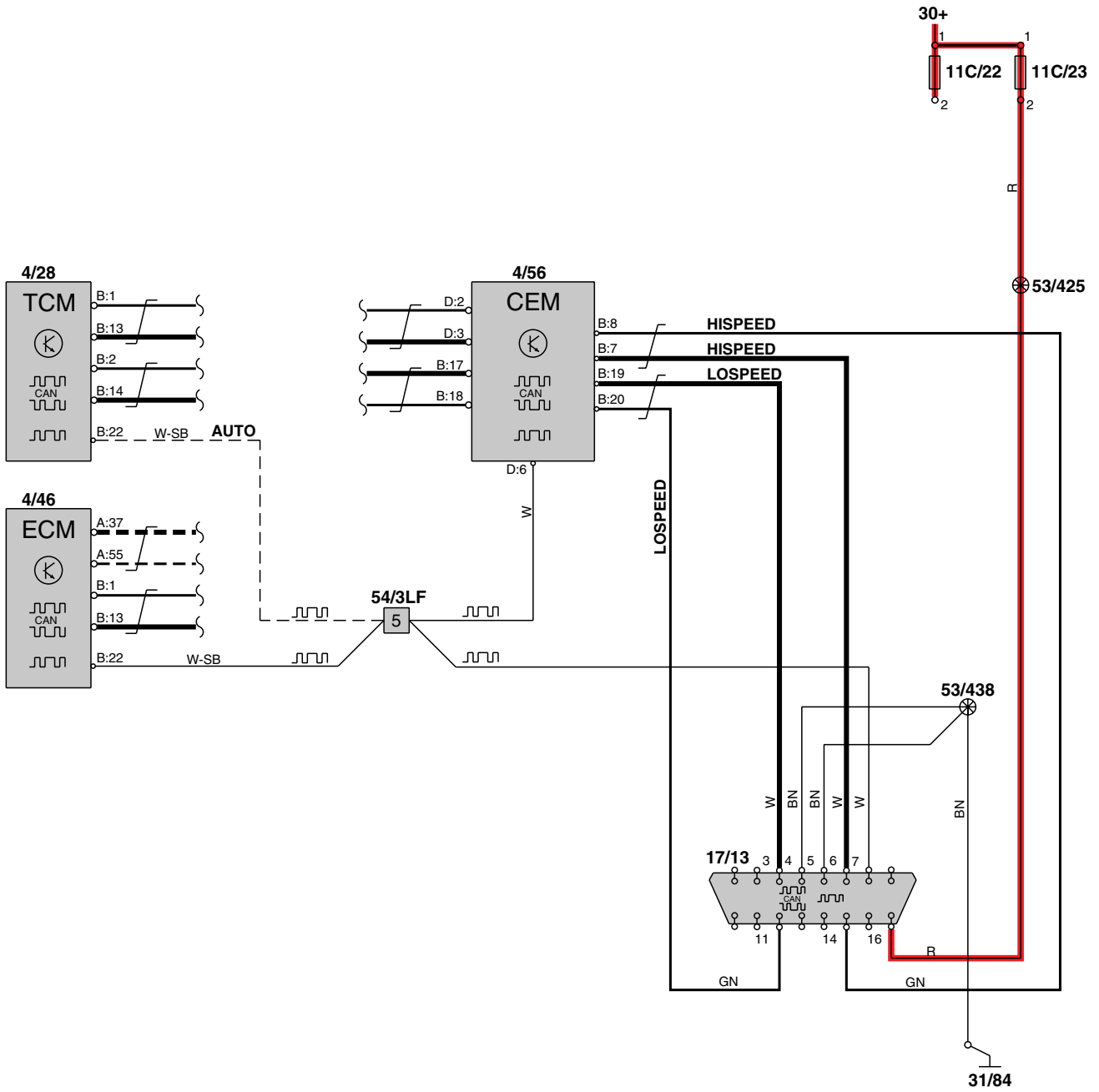
Anti-theft alarm



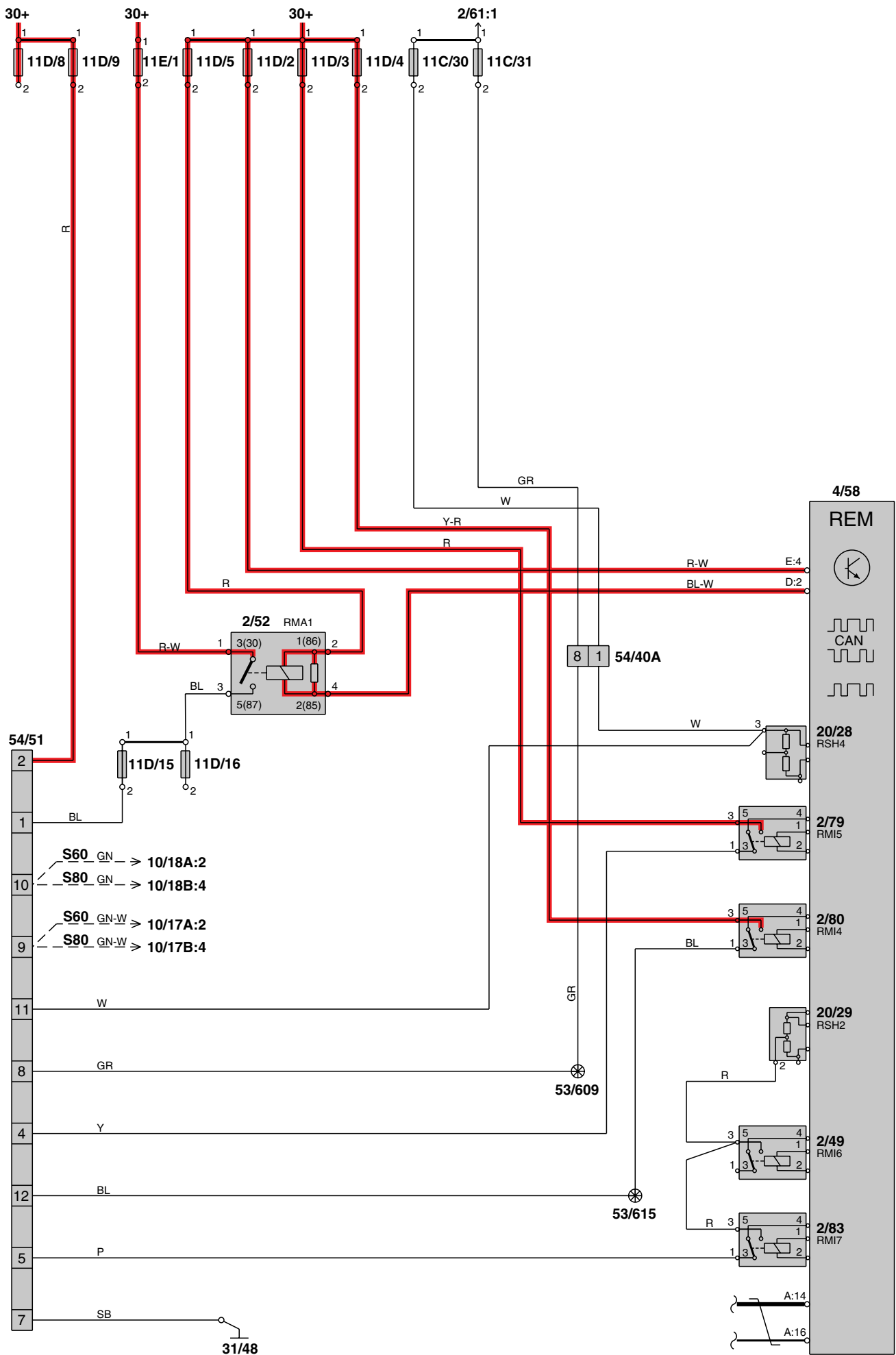
Control module, electronic accessories



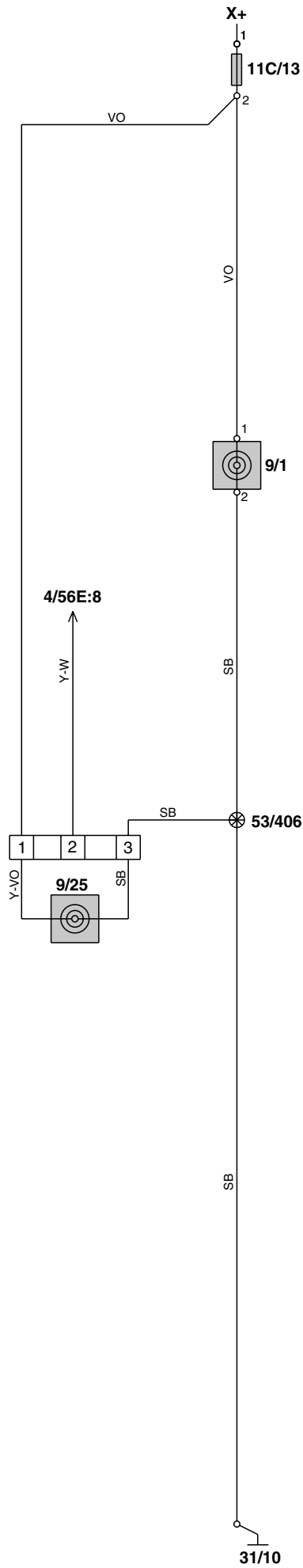
Group 37 Diagnostics system



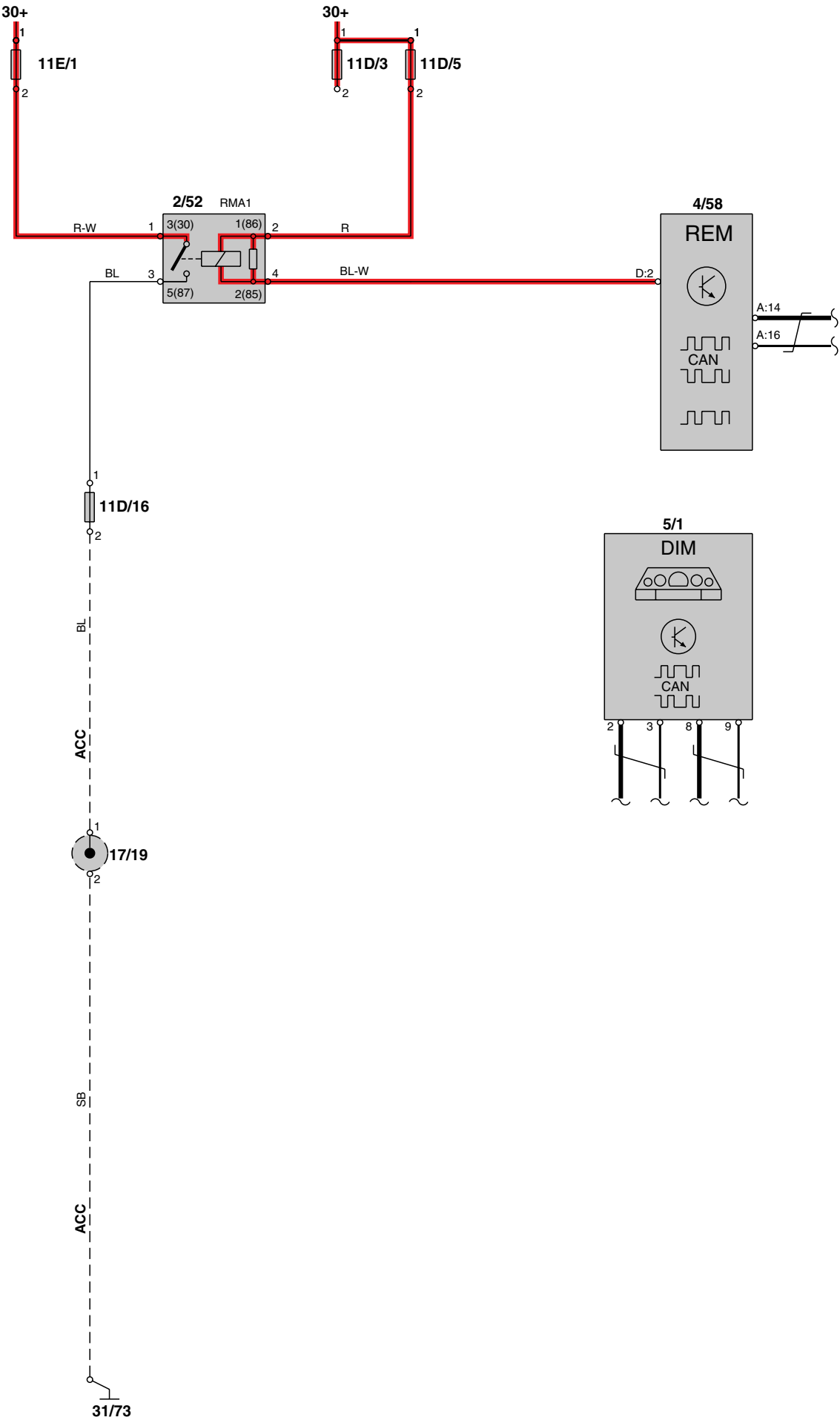
Towing bracket wiring



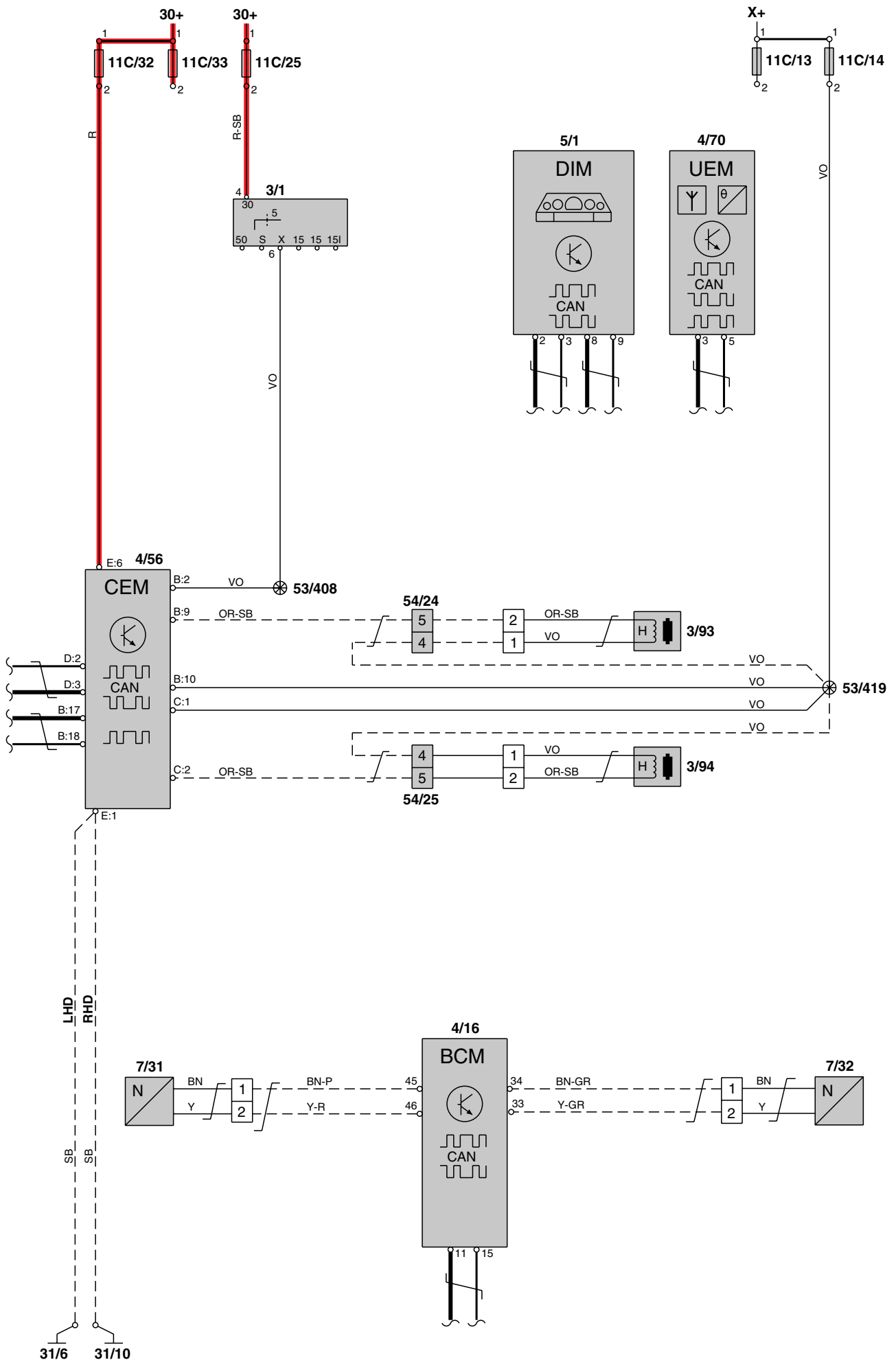
12V outlet



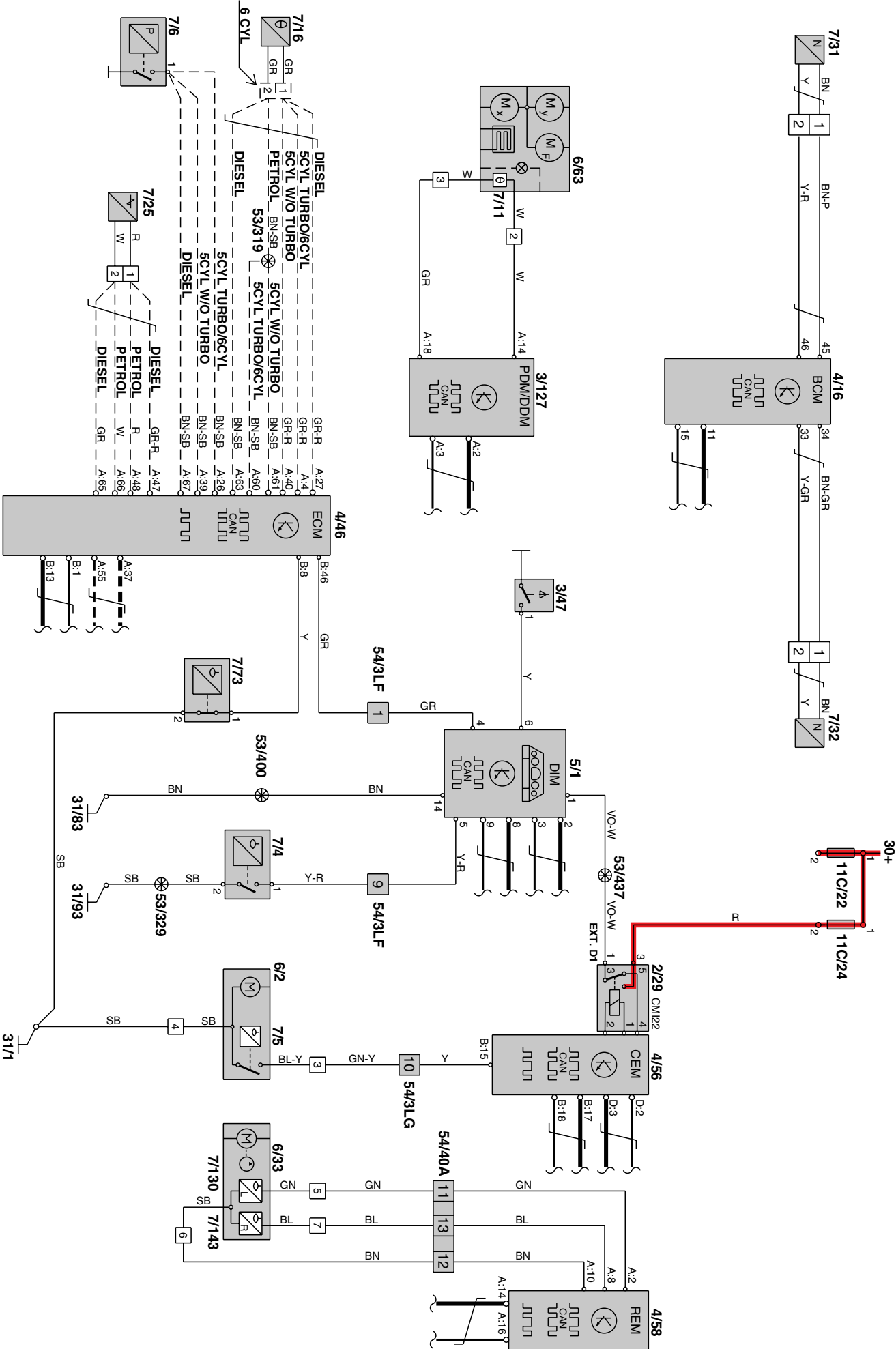
12V outlet, cargo compartment



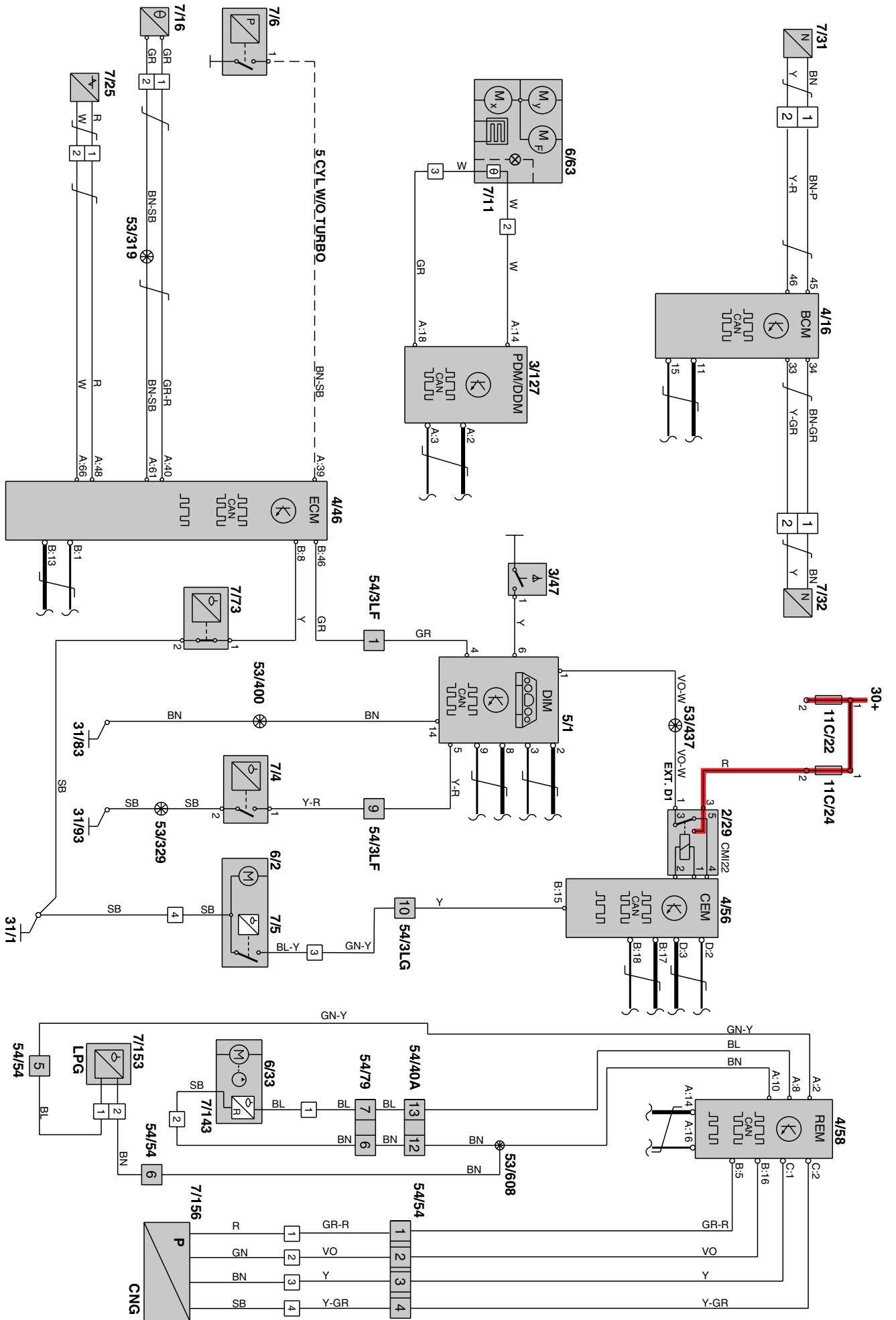
Group 38 Seat belt reminder



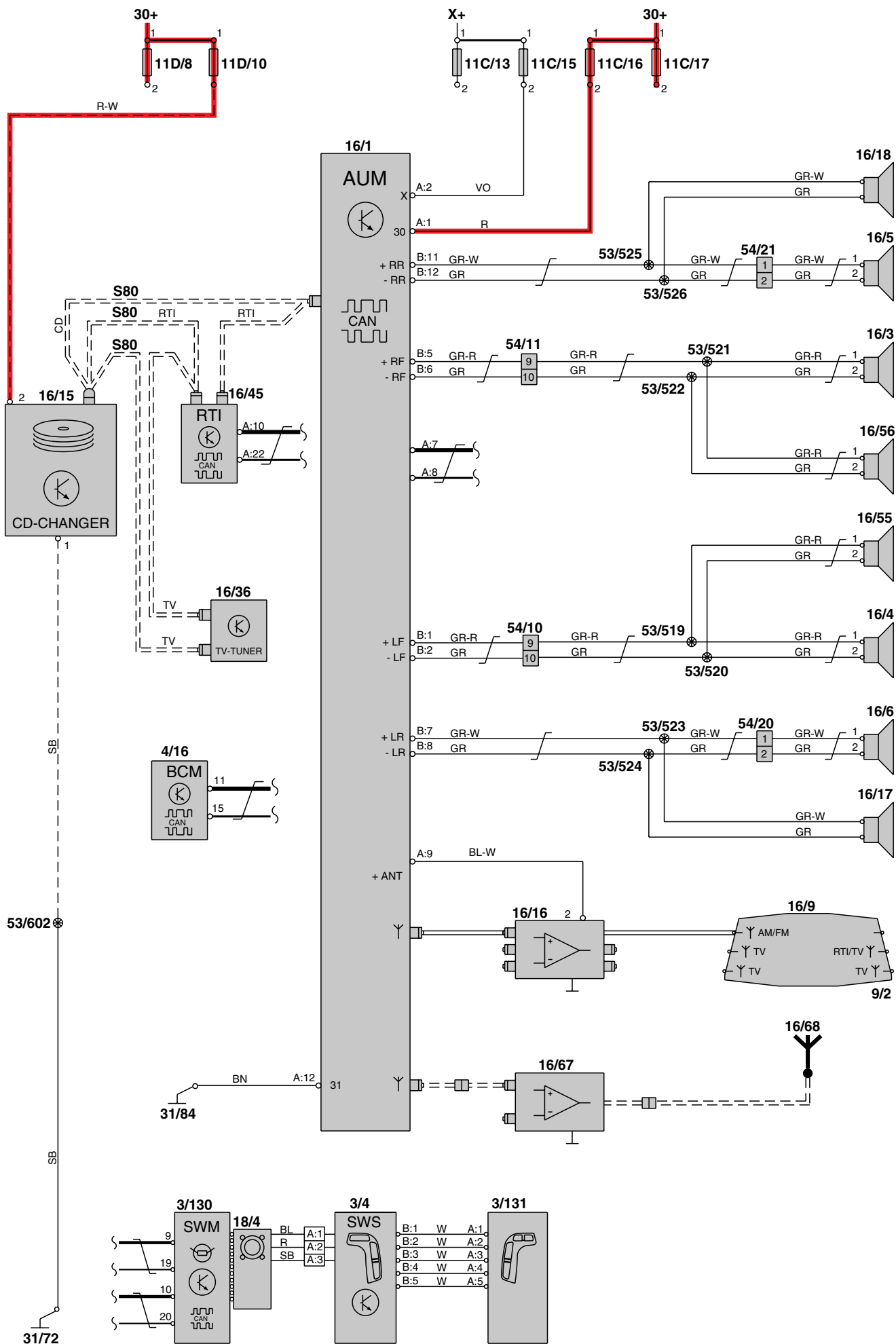
Combined instrument panel



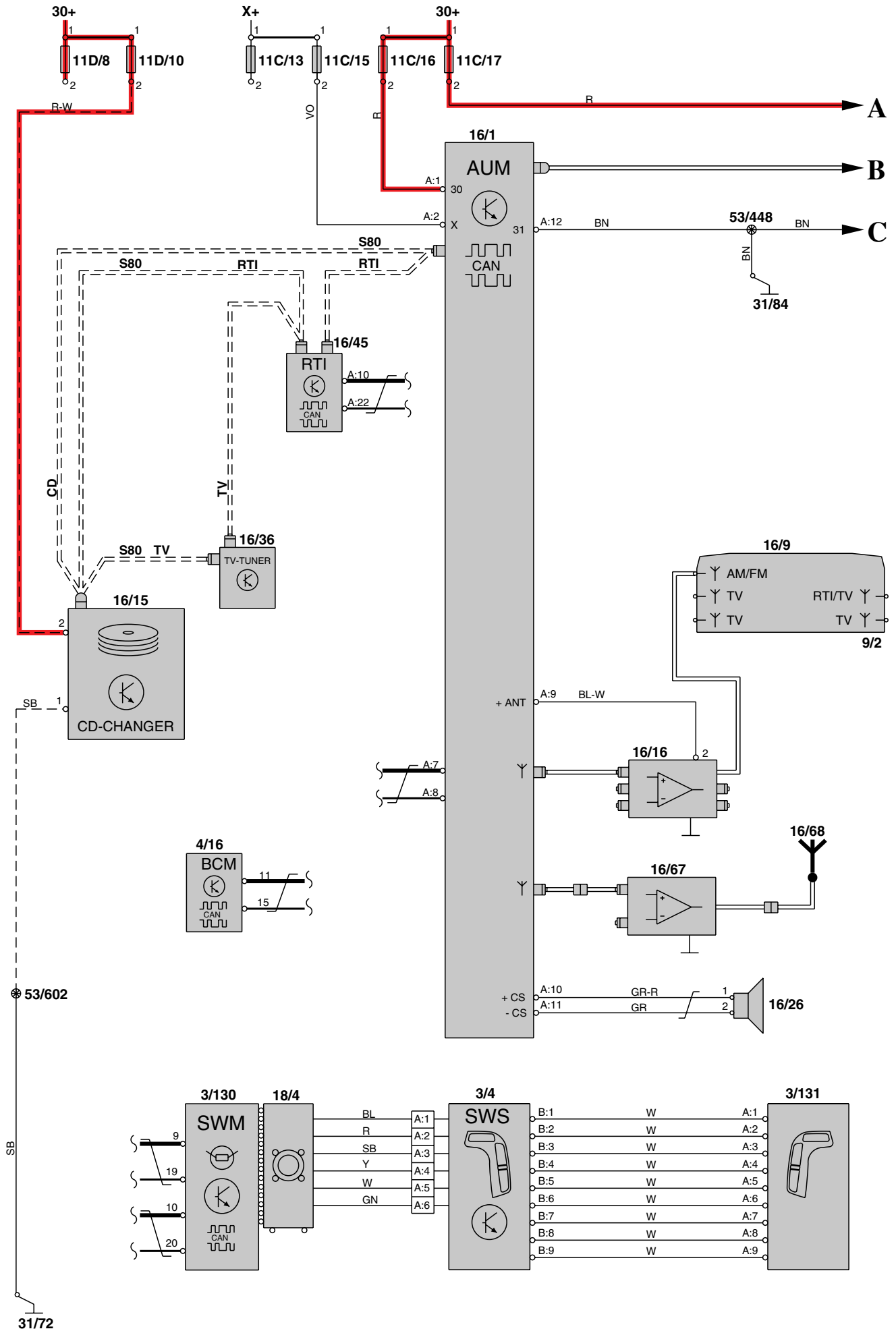
Combined instrument panel, Bifuel



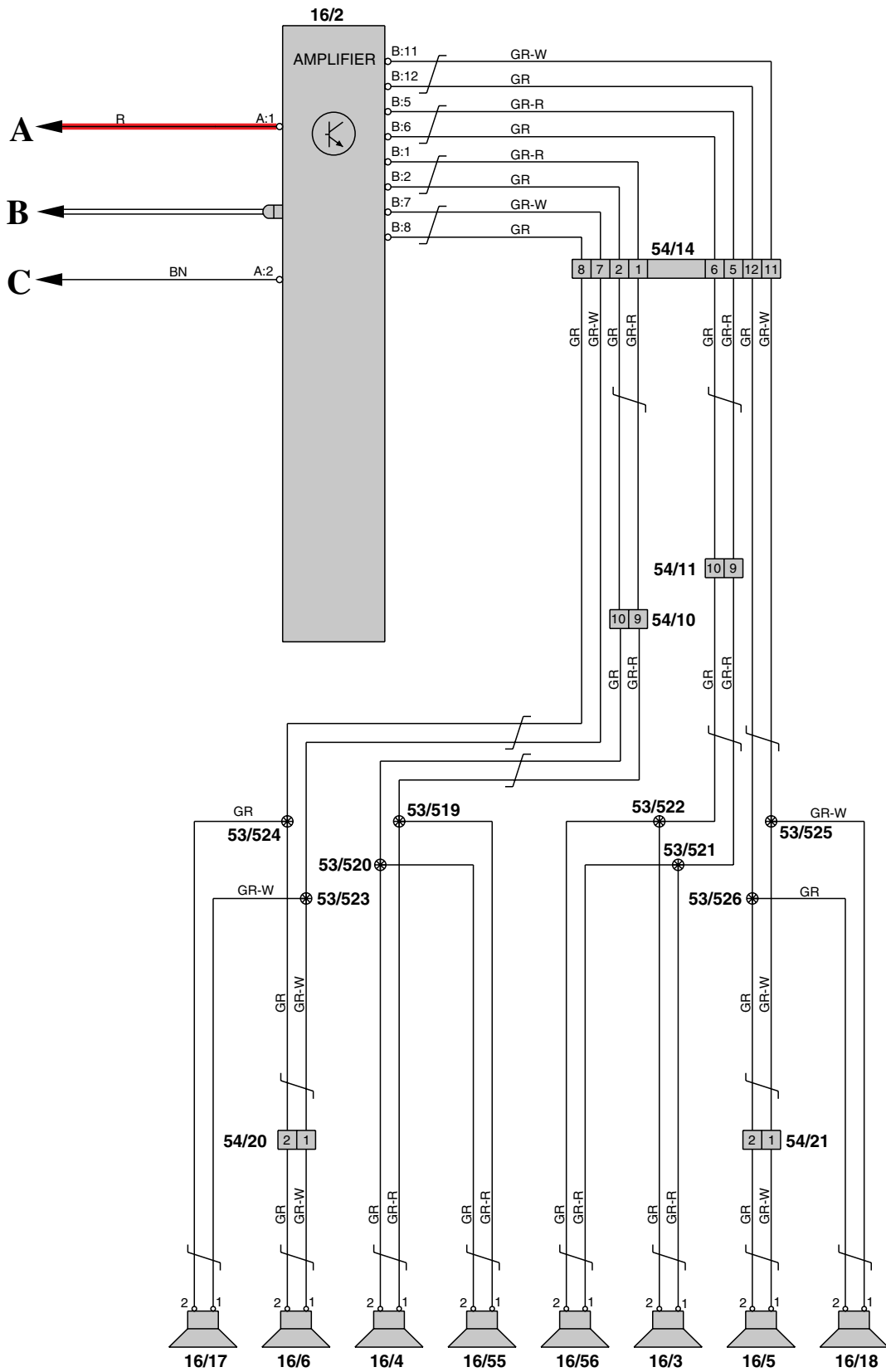
Group 39 Audio without auxiliary amplifier



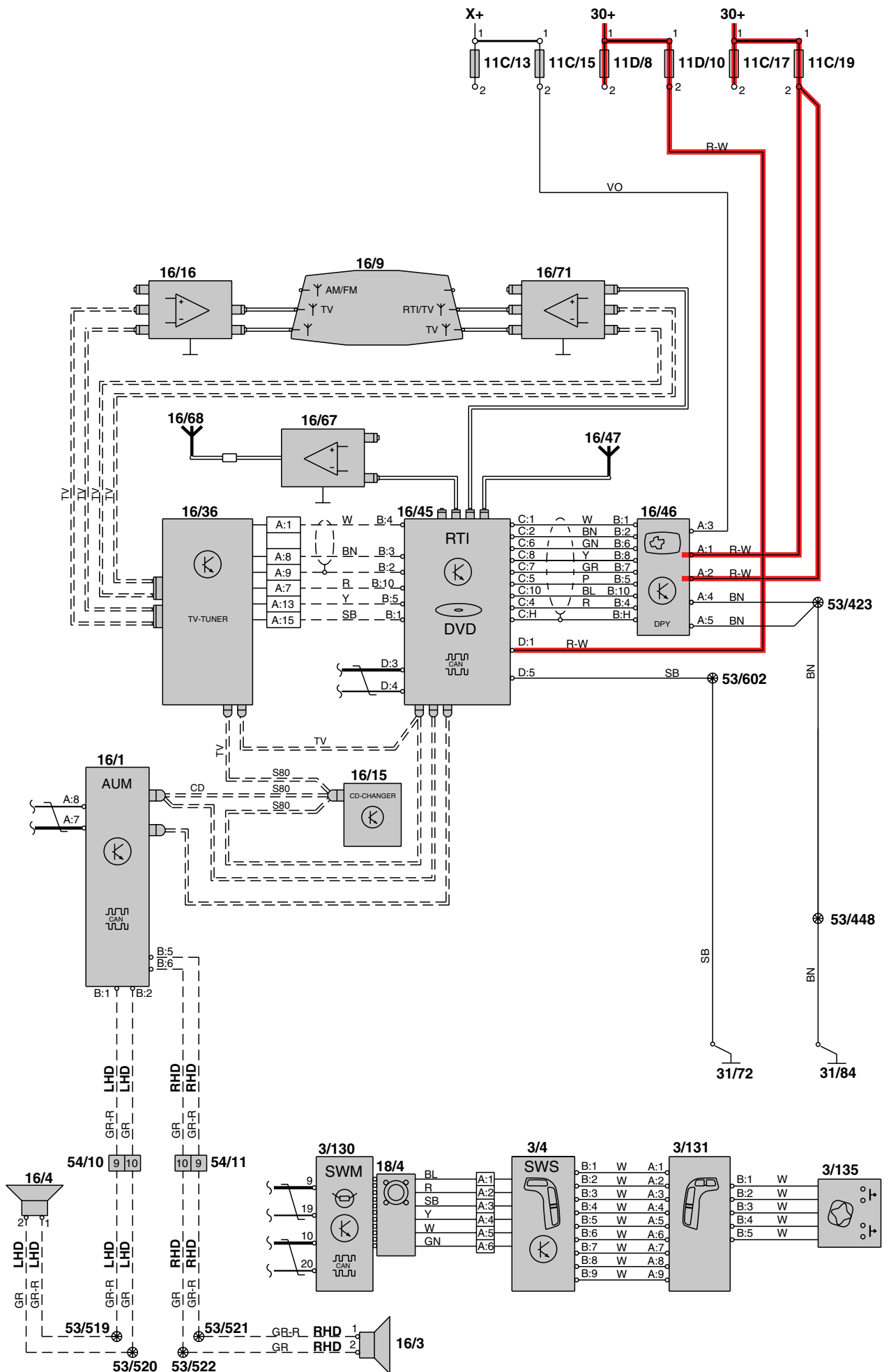
Audio with auxiliary amplifier



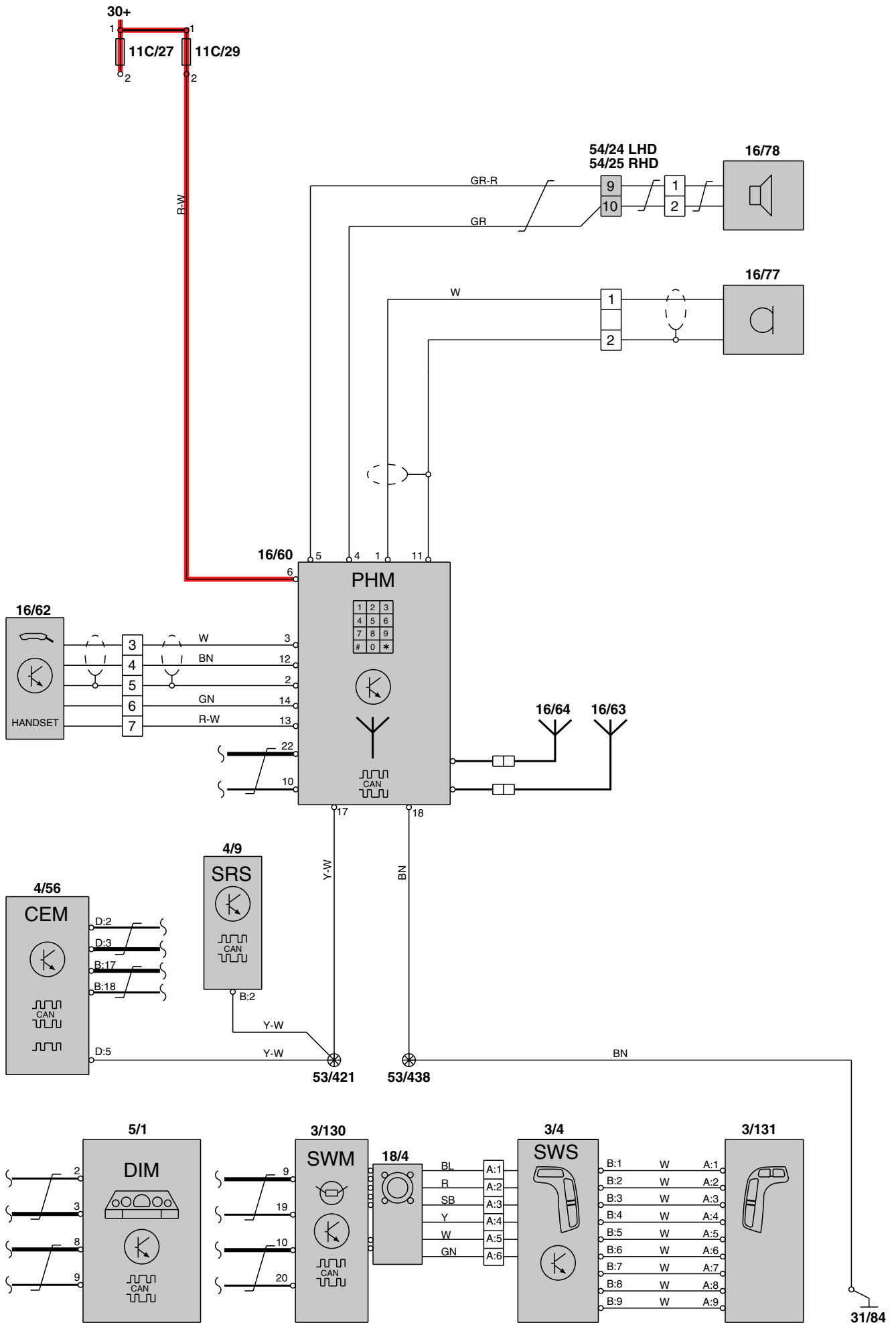
Audio with auxiliary amplifier



Road Traffic Information RTI

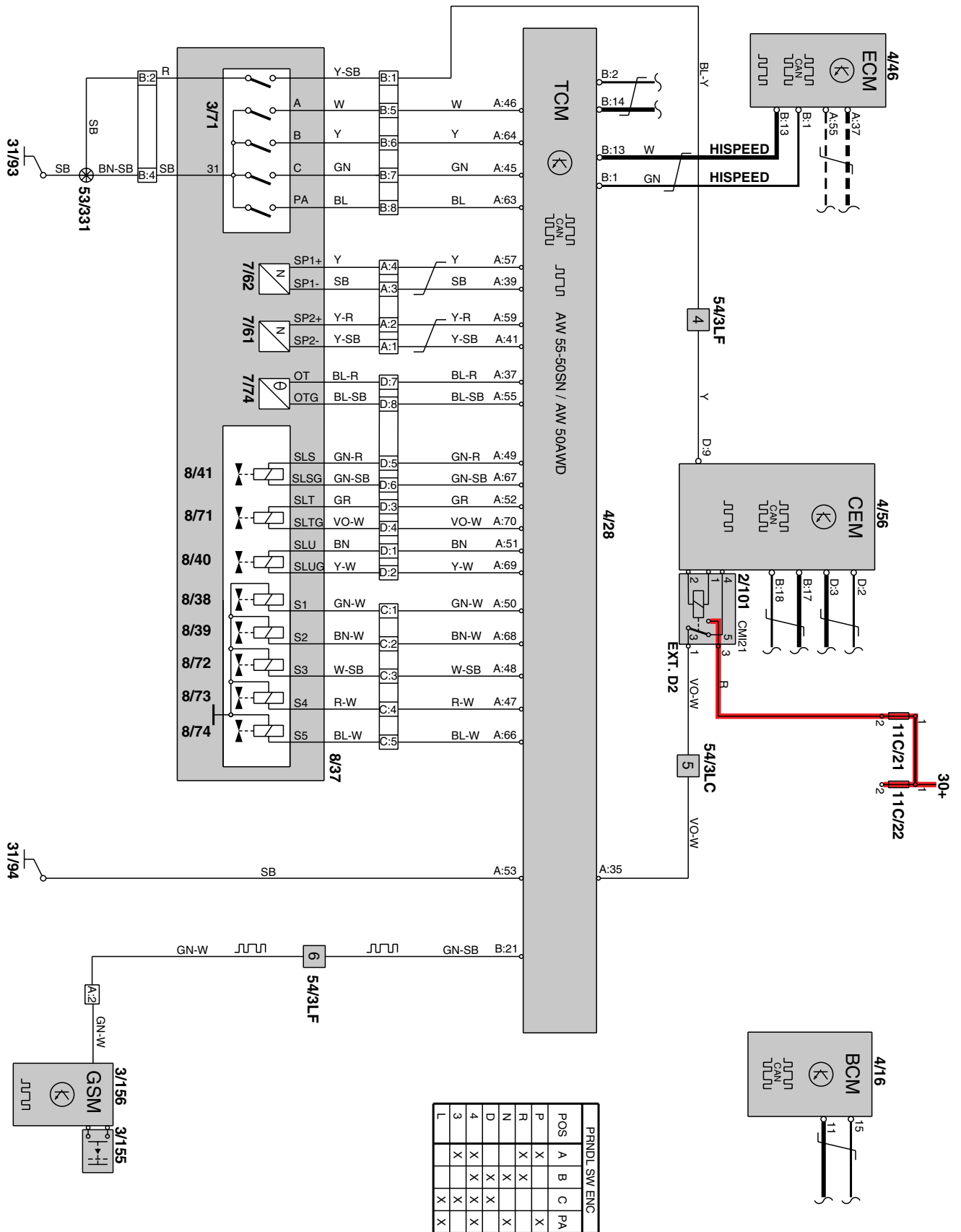


Mobile telephone

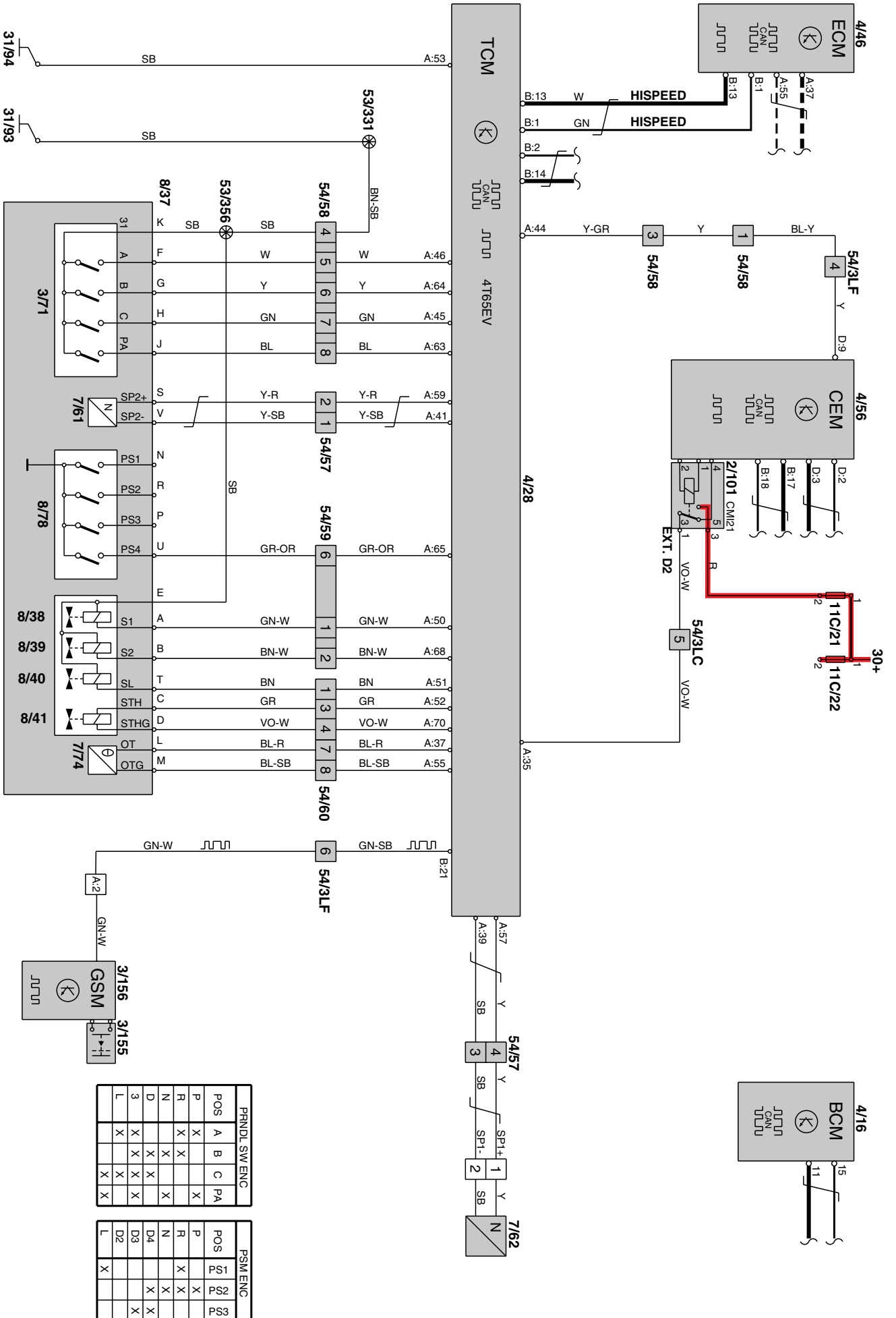


31/84

Group 43 Automatic transmission, AW 55-50

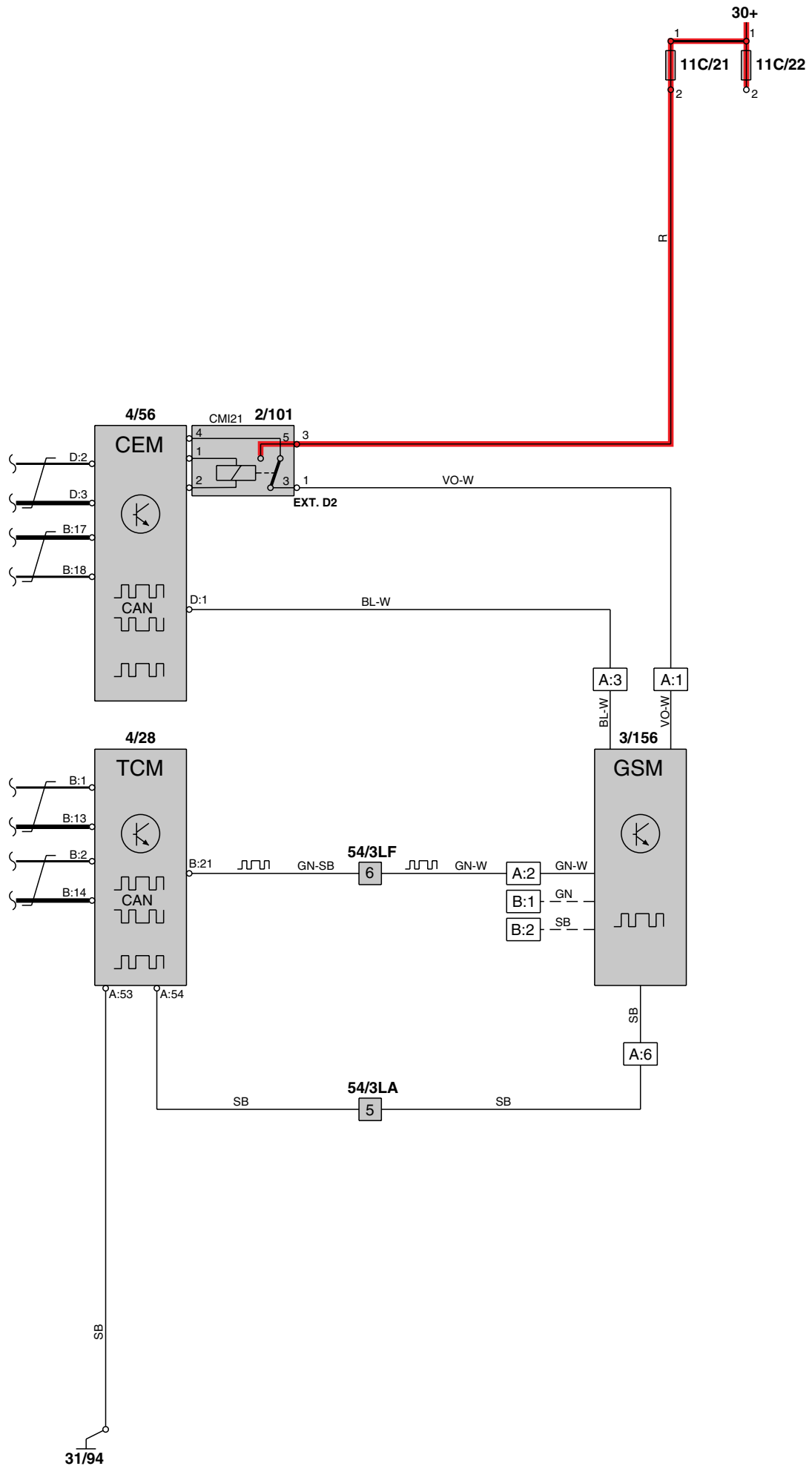


Automatic transmission, 4T65EV

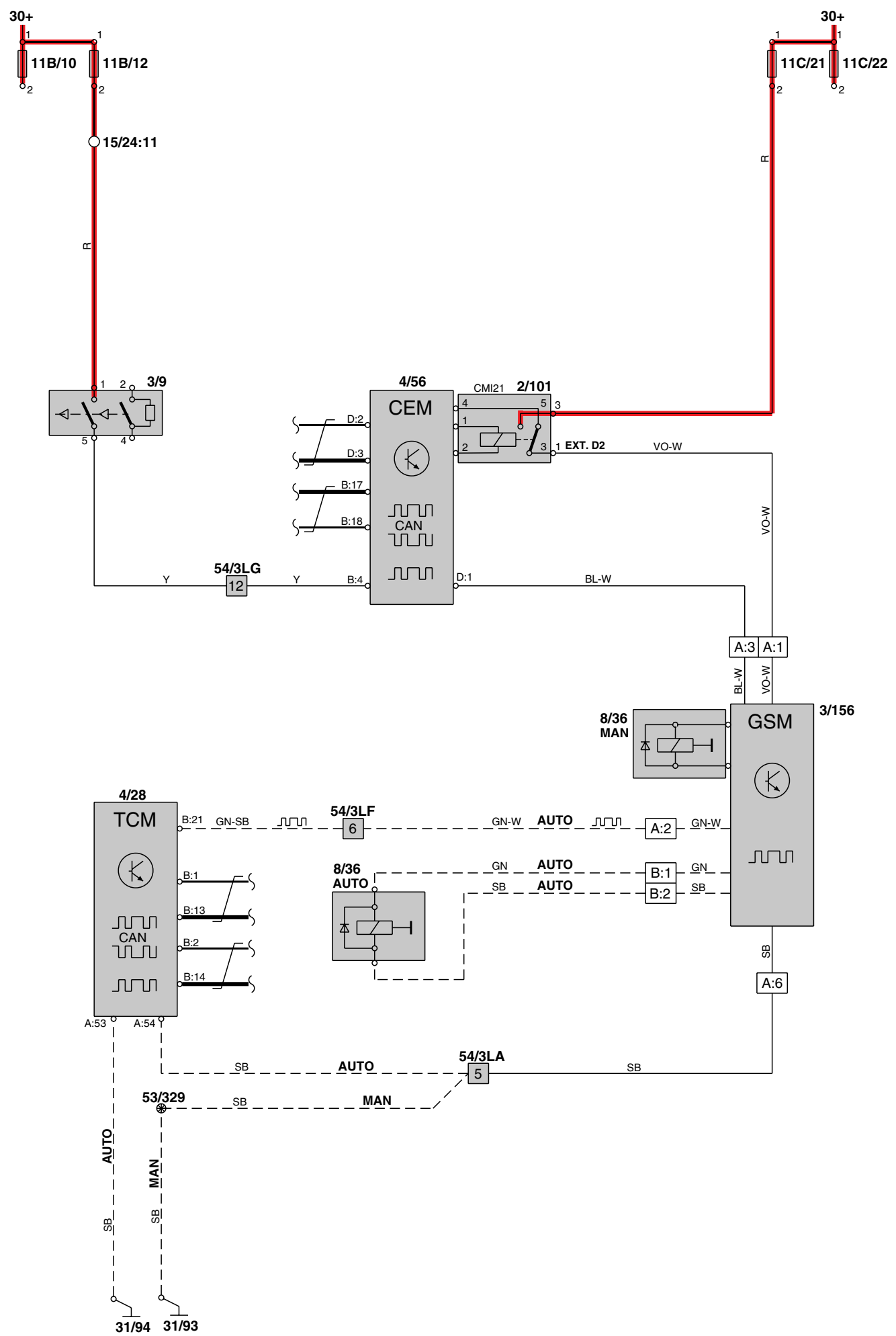


PRNDL SW ENC					PSM ENC				
POS	A	B	C	PA	POS	S1	S2	S3	S4
P	X	X	X	X	P	X	X	X	X
R	X	X	X	X	R	X	X	X	X
N	X	X	X	X	N	X	X	X	X
D	X	X	X	X	D4	X	X	X	X
3	X	X	X	X	D3	X	X	X	X
L	X	X	X	X	D2	X	X	X	X
L					L	X			

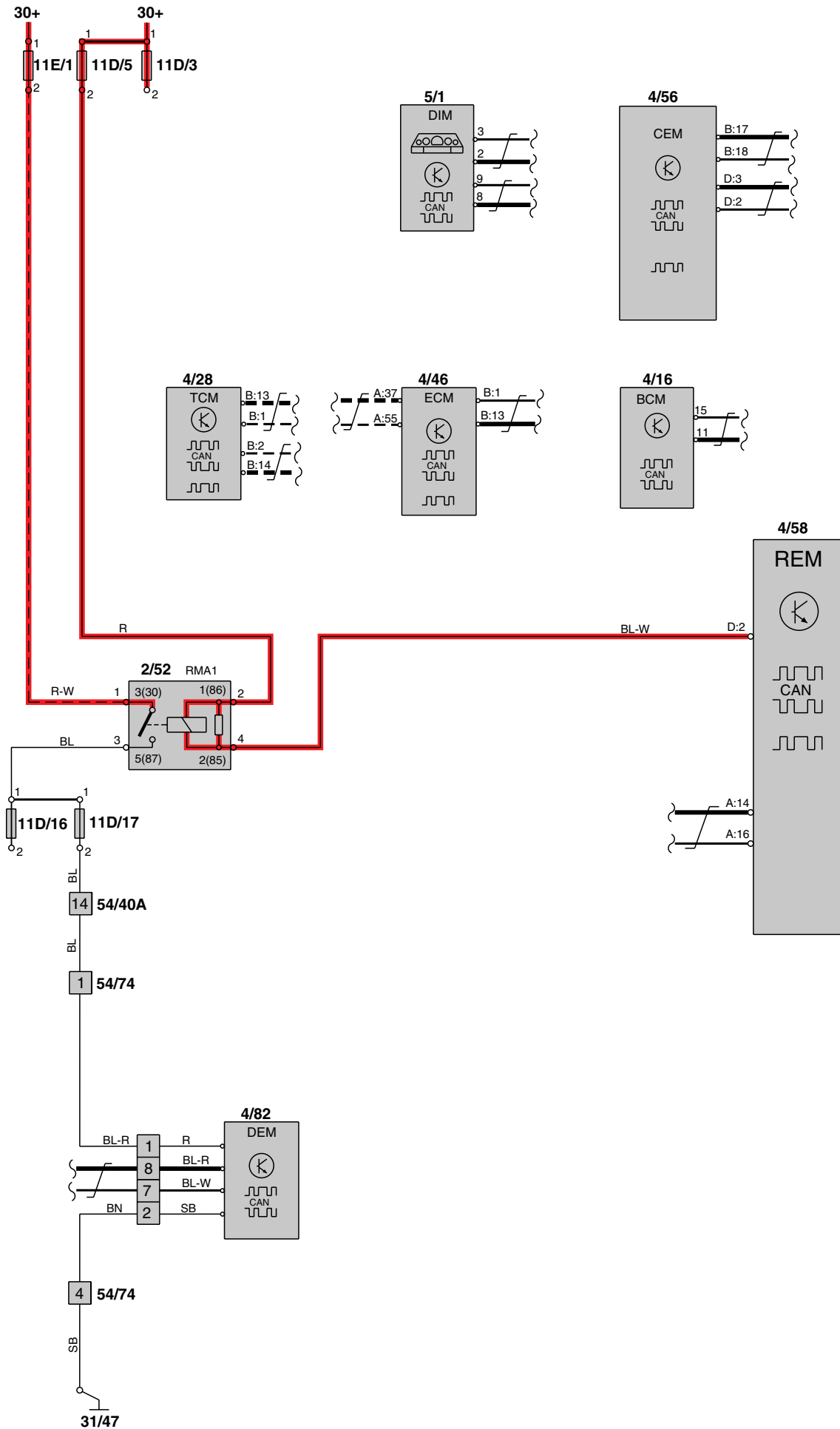
Geartronic



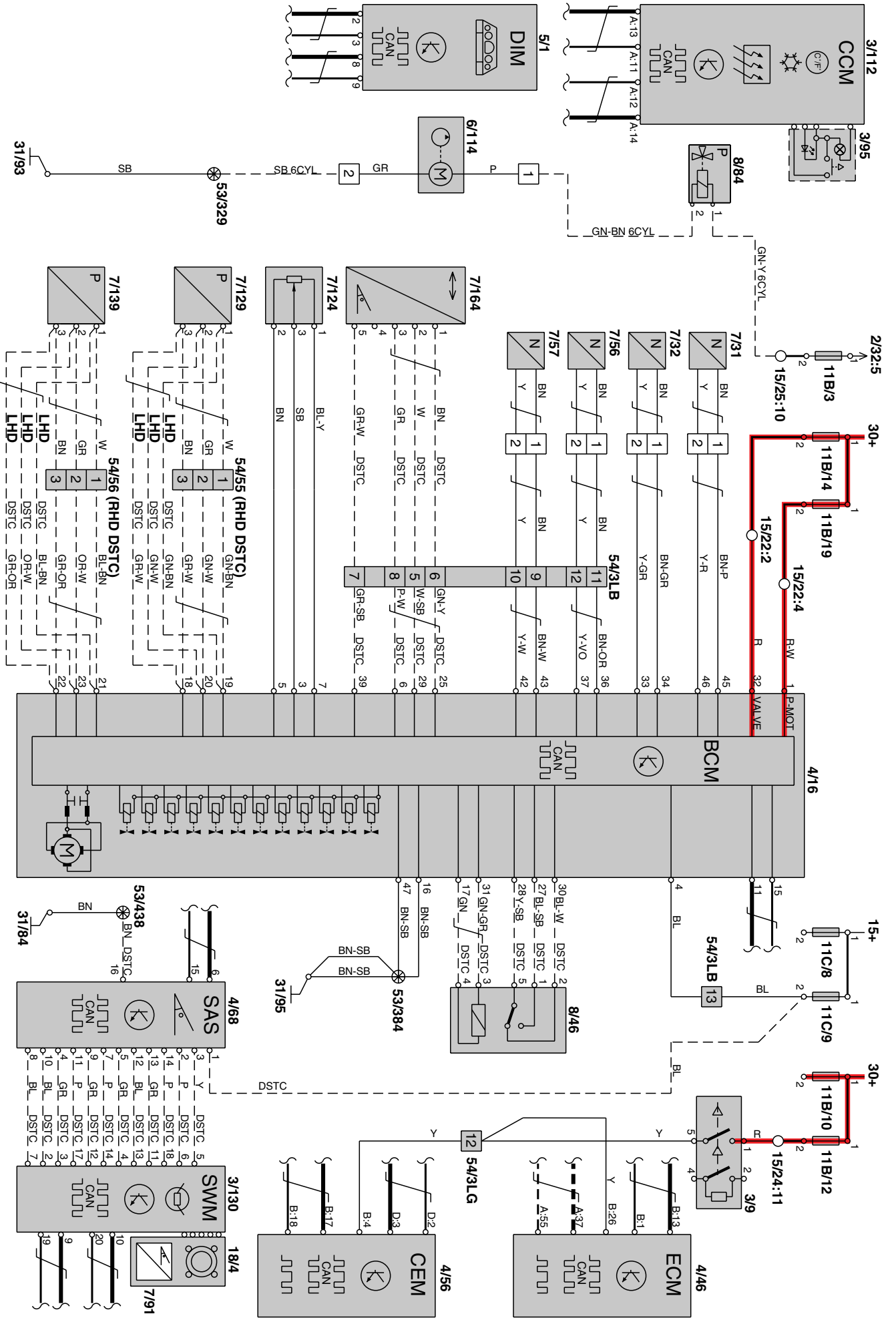
Shift lock



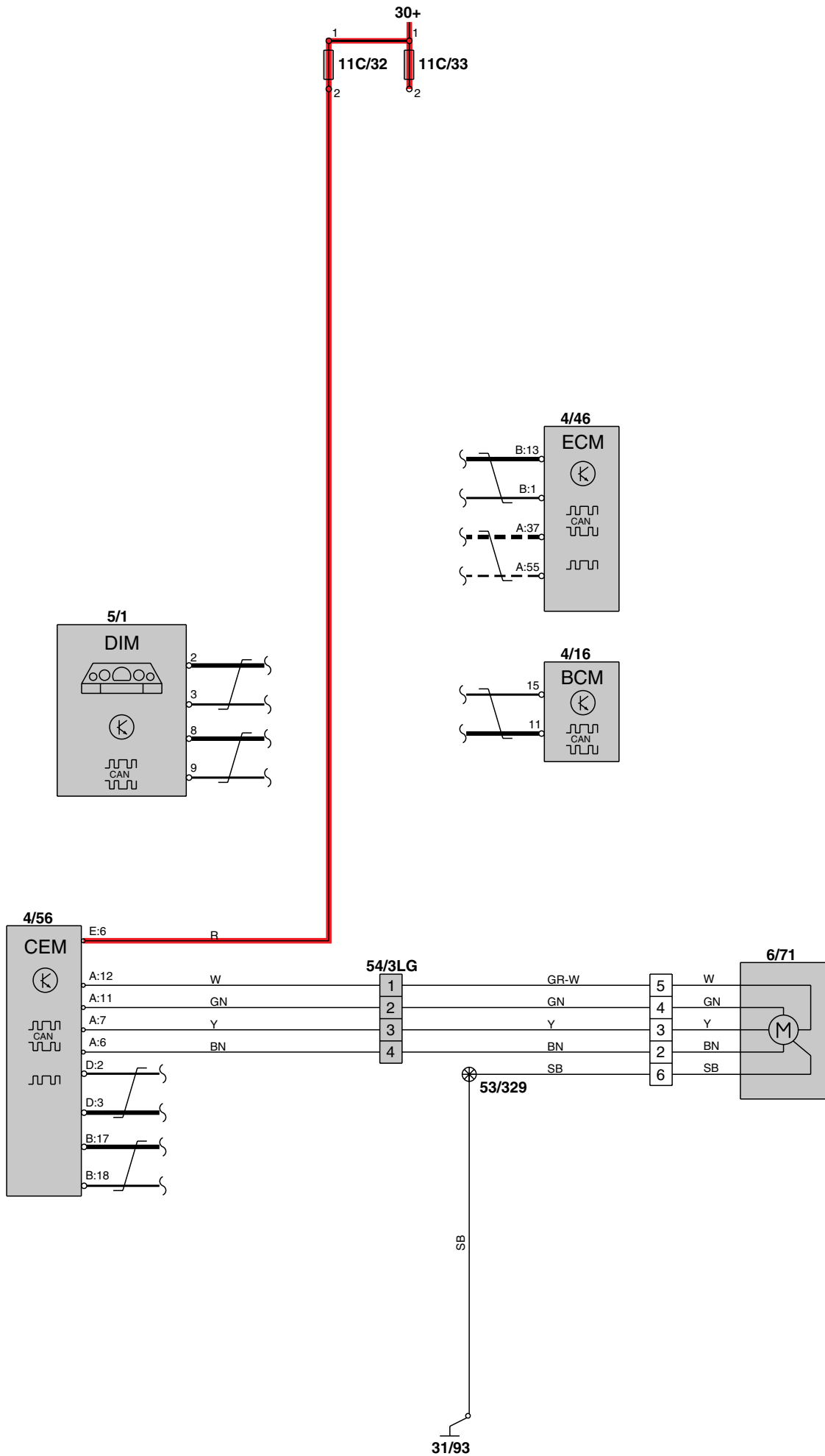
Differential Electronic Module DEM



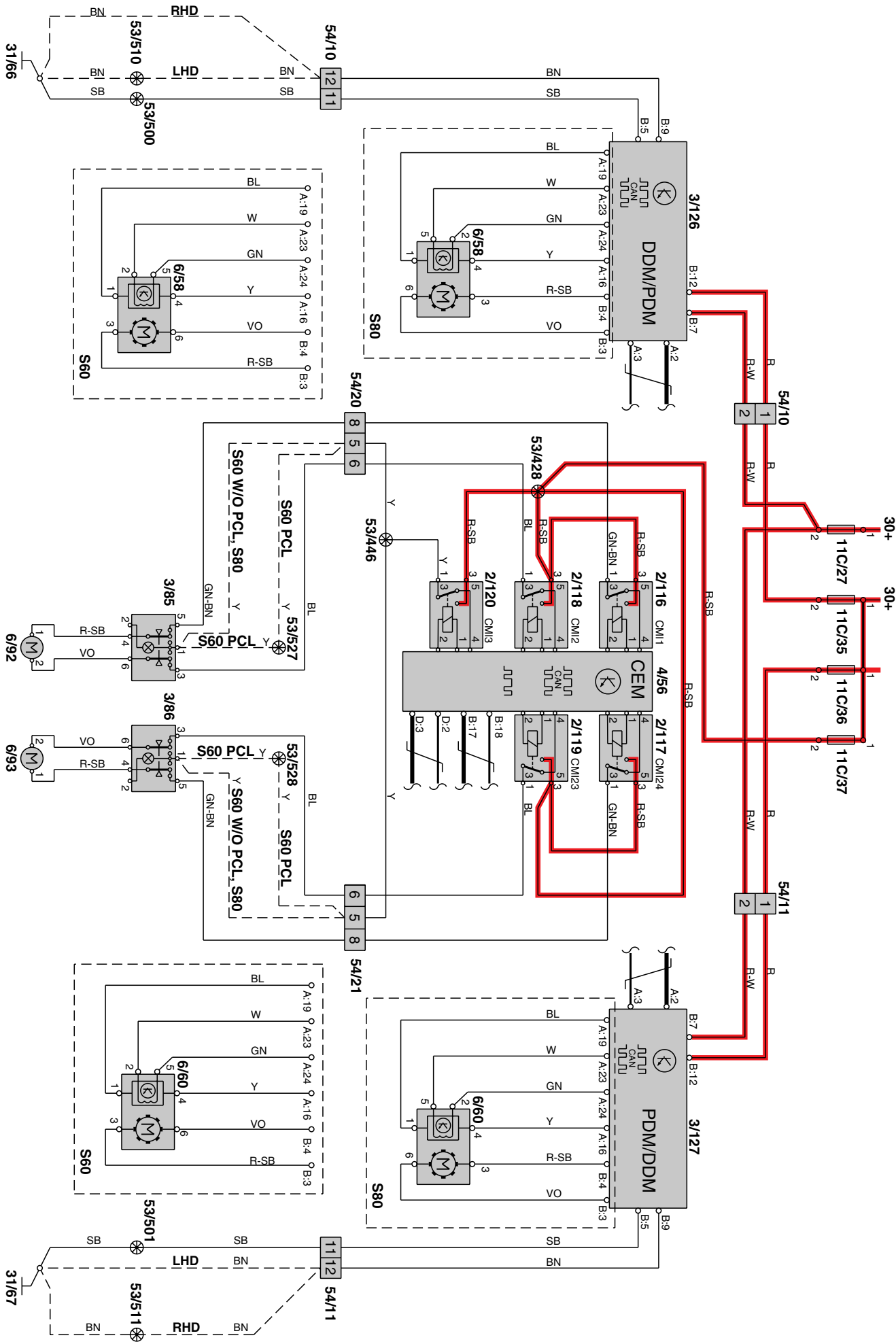
Group 59 Brake control system



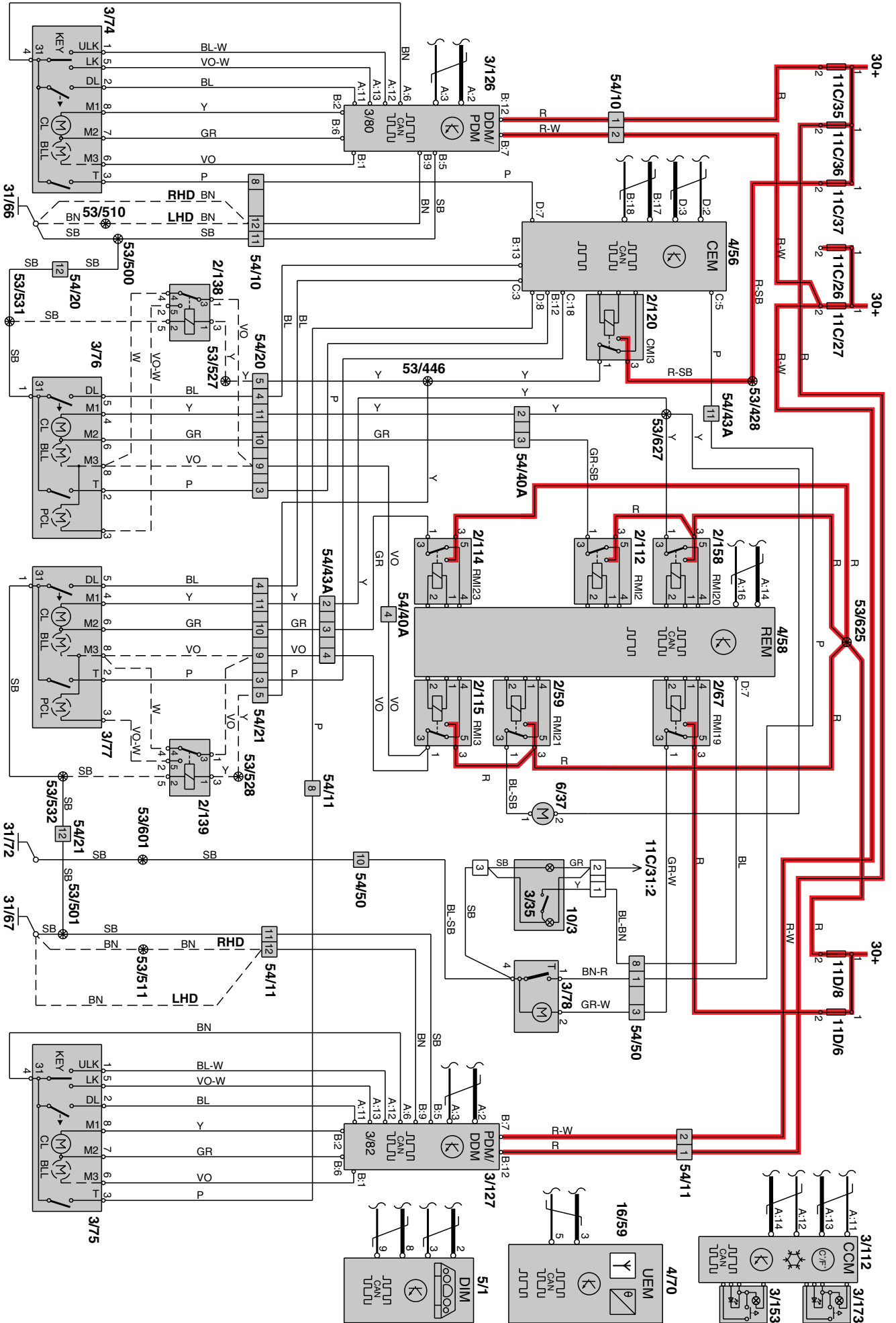
Group 64 Electronic power steering



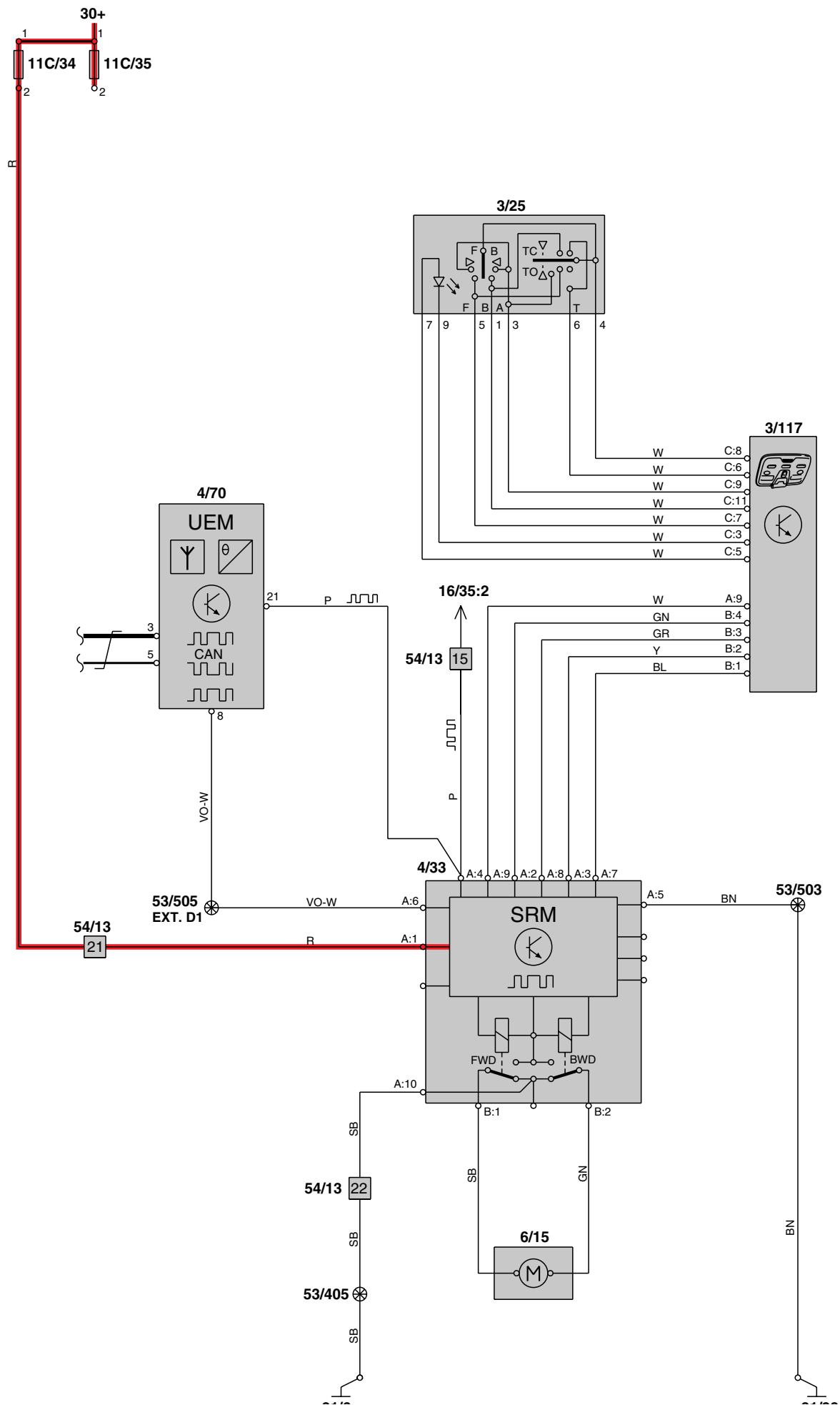
Group 83
Power windows



Central lock

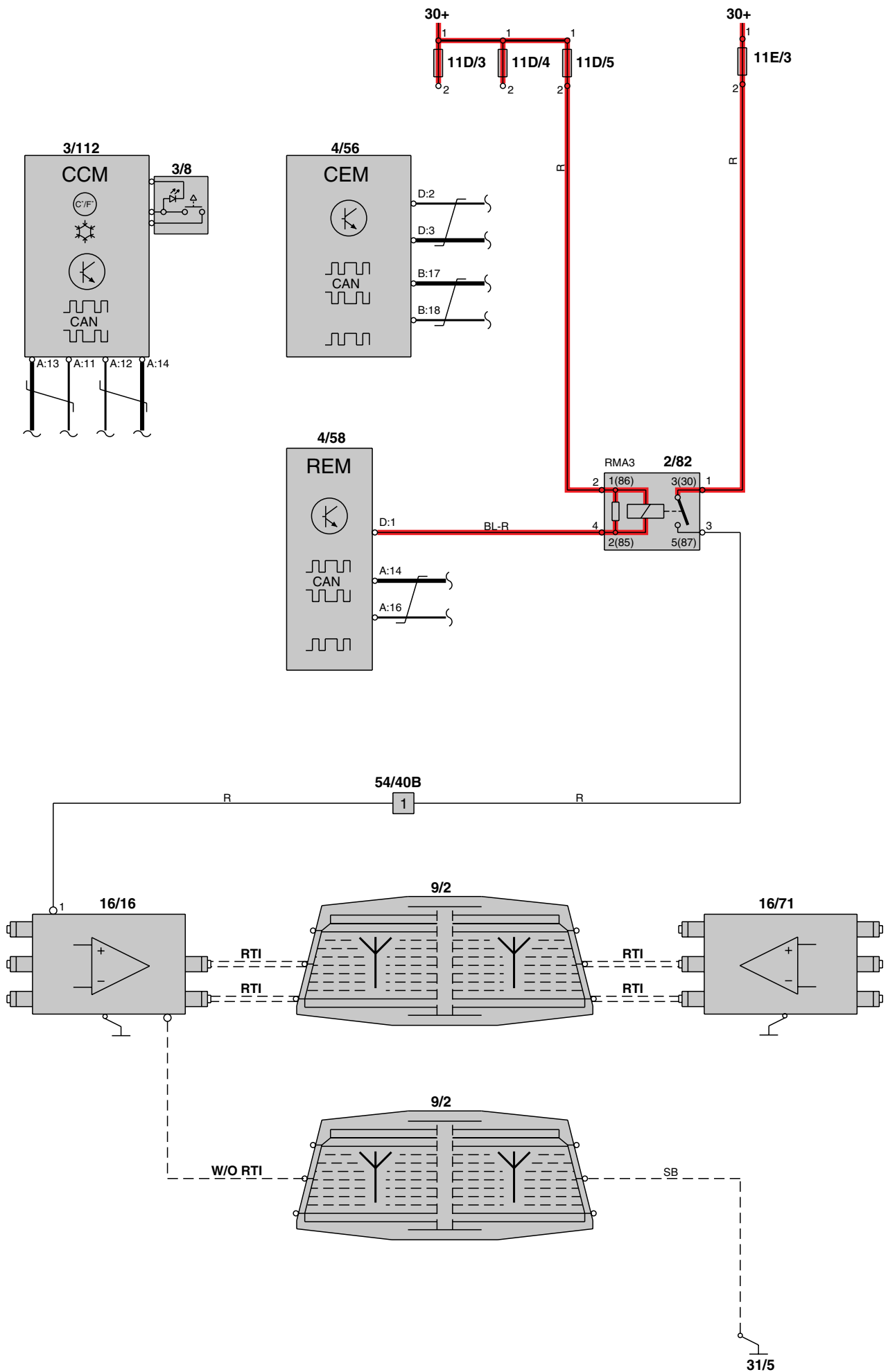


Power sunroof

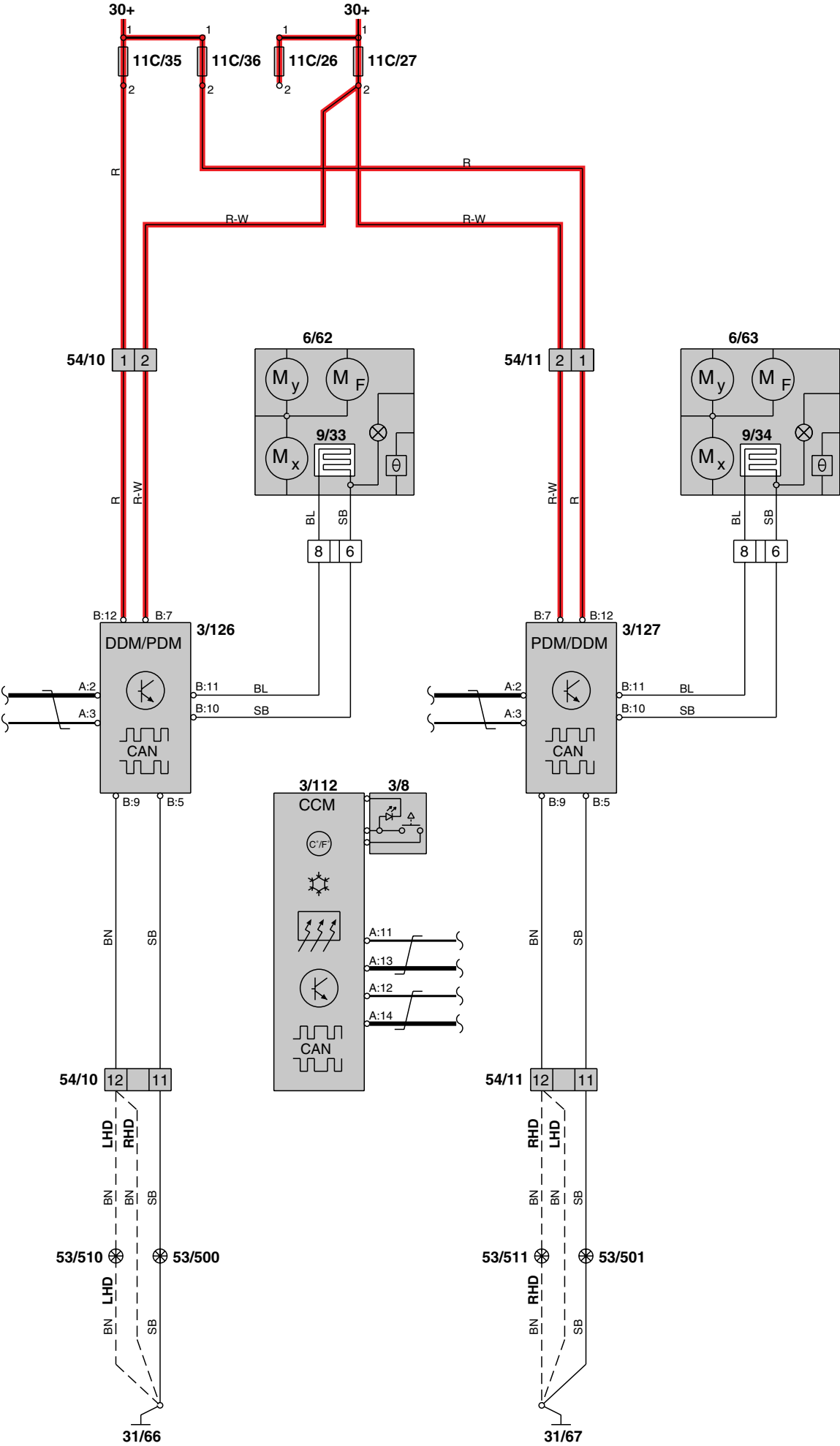


Group 84

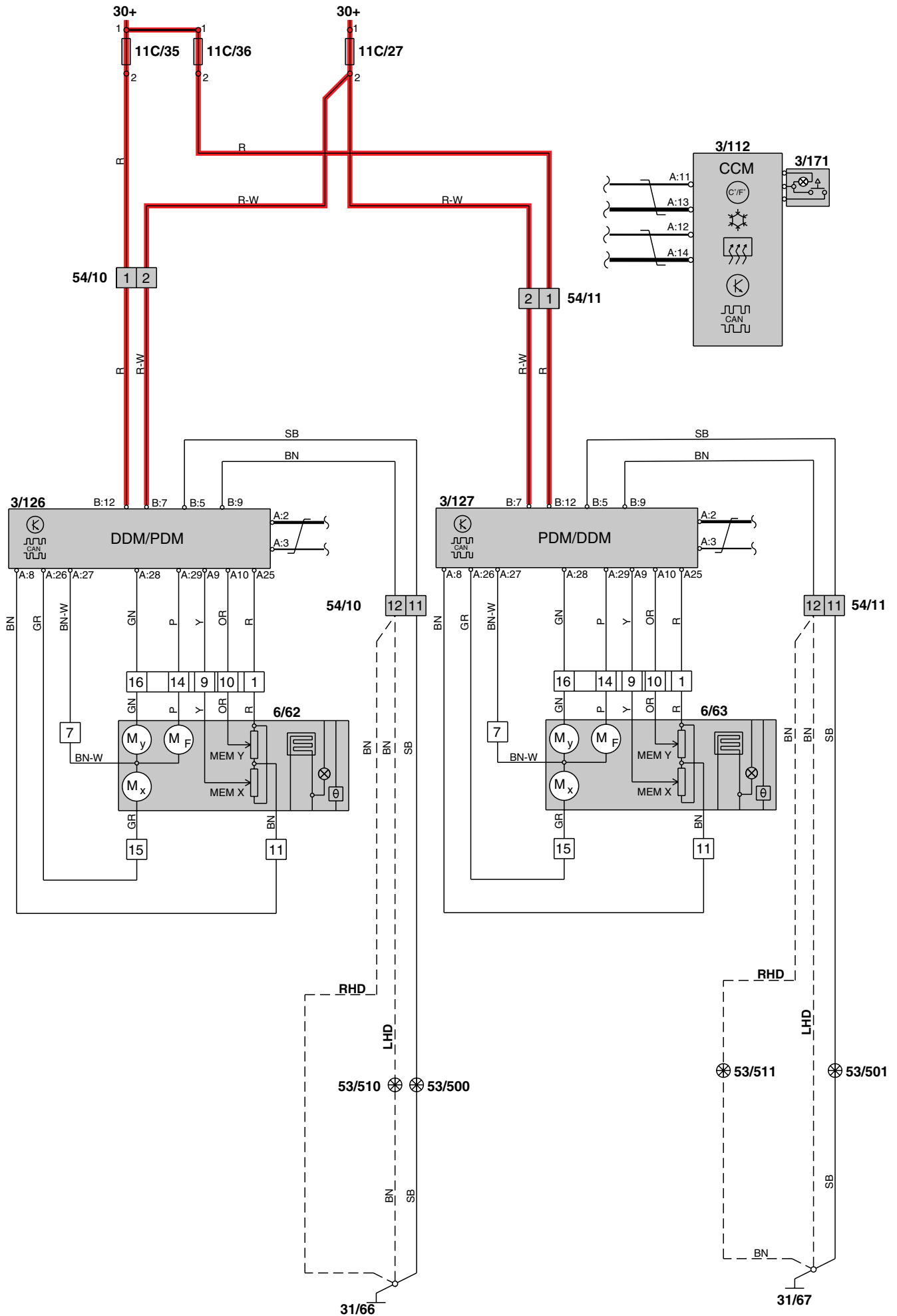
Heated rear window



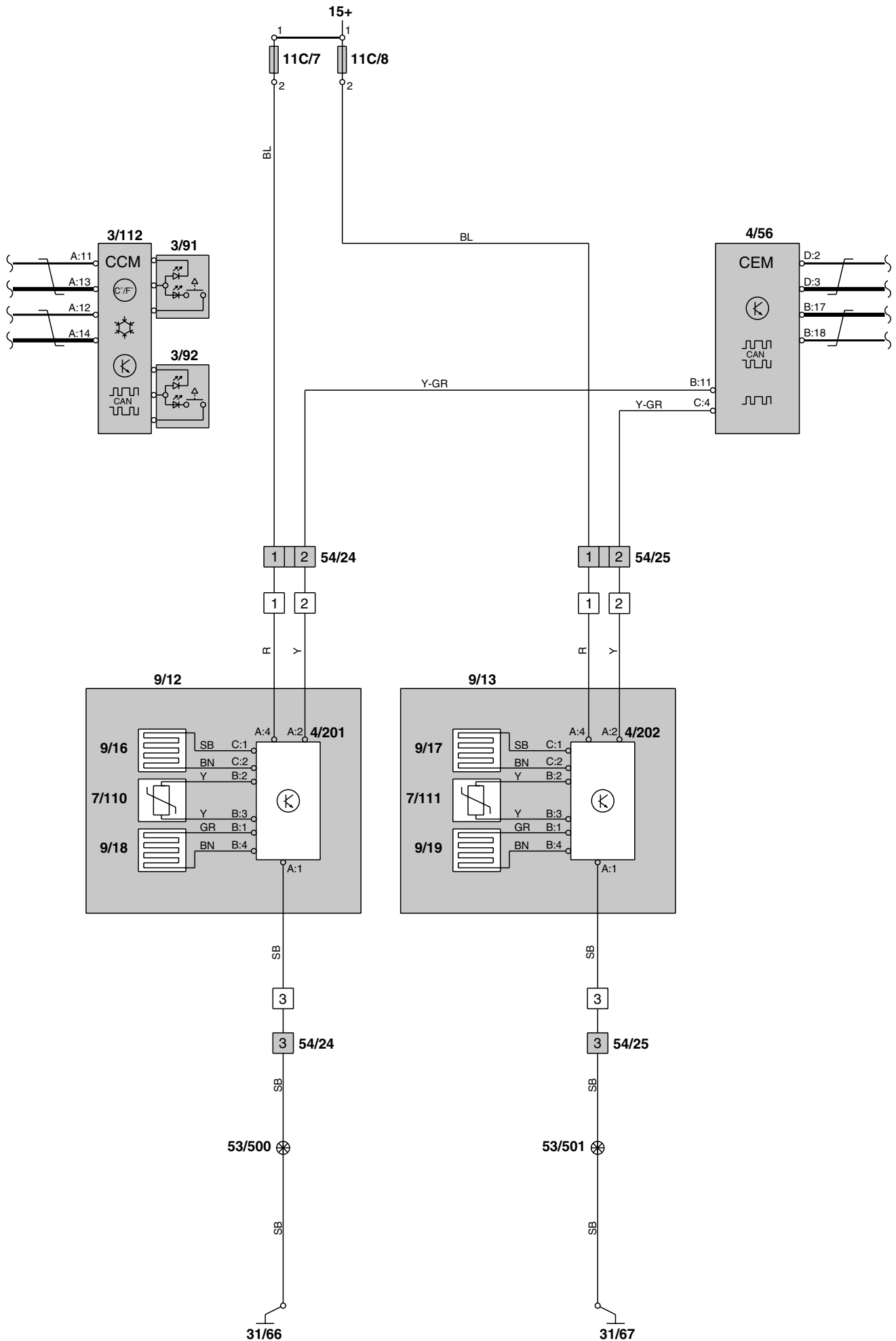
Heated door mirrors



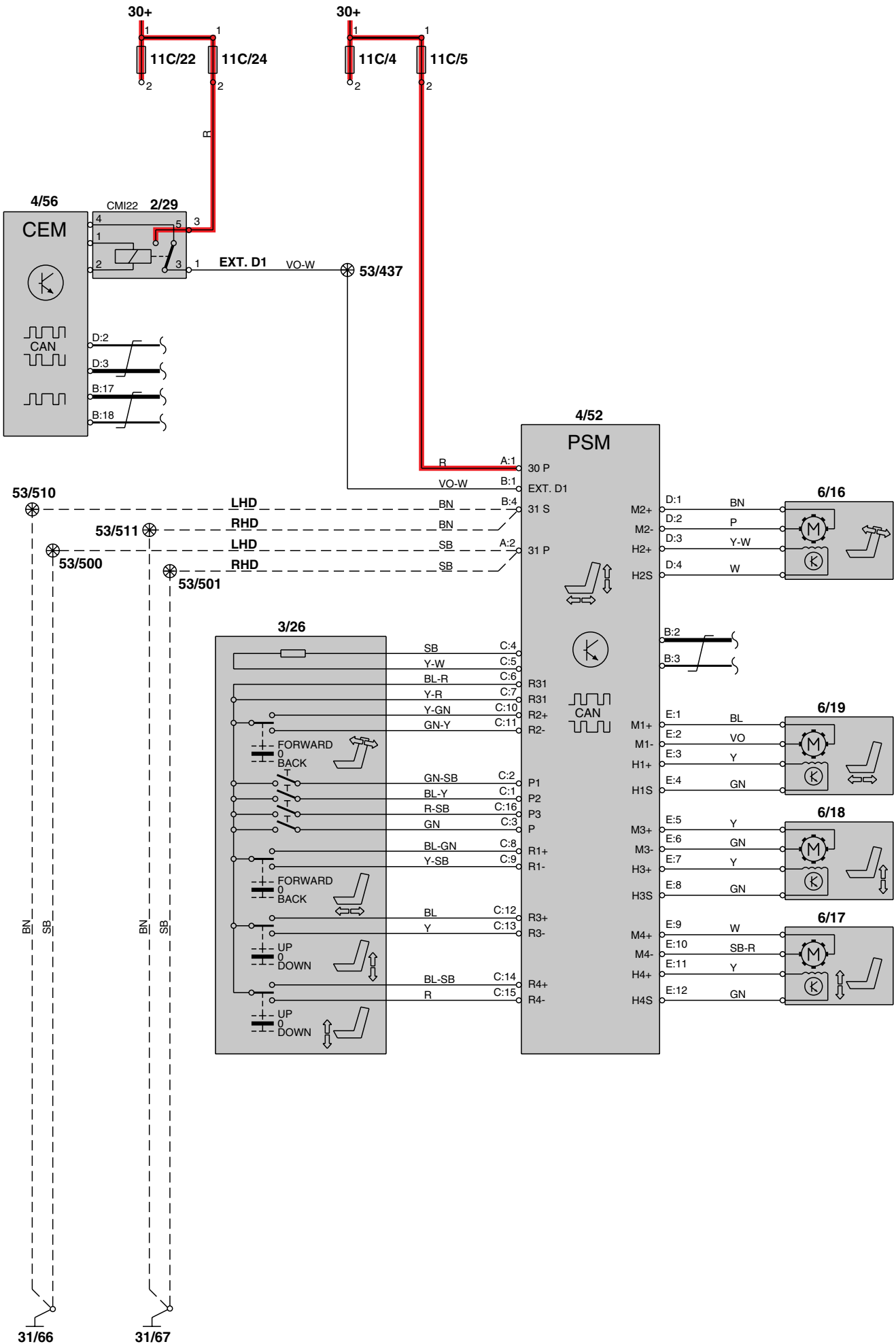
Power door mirrors



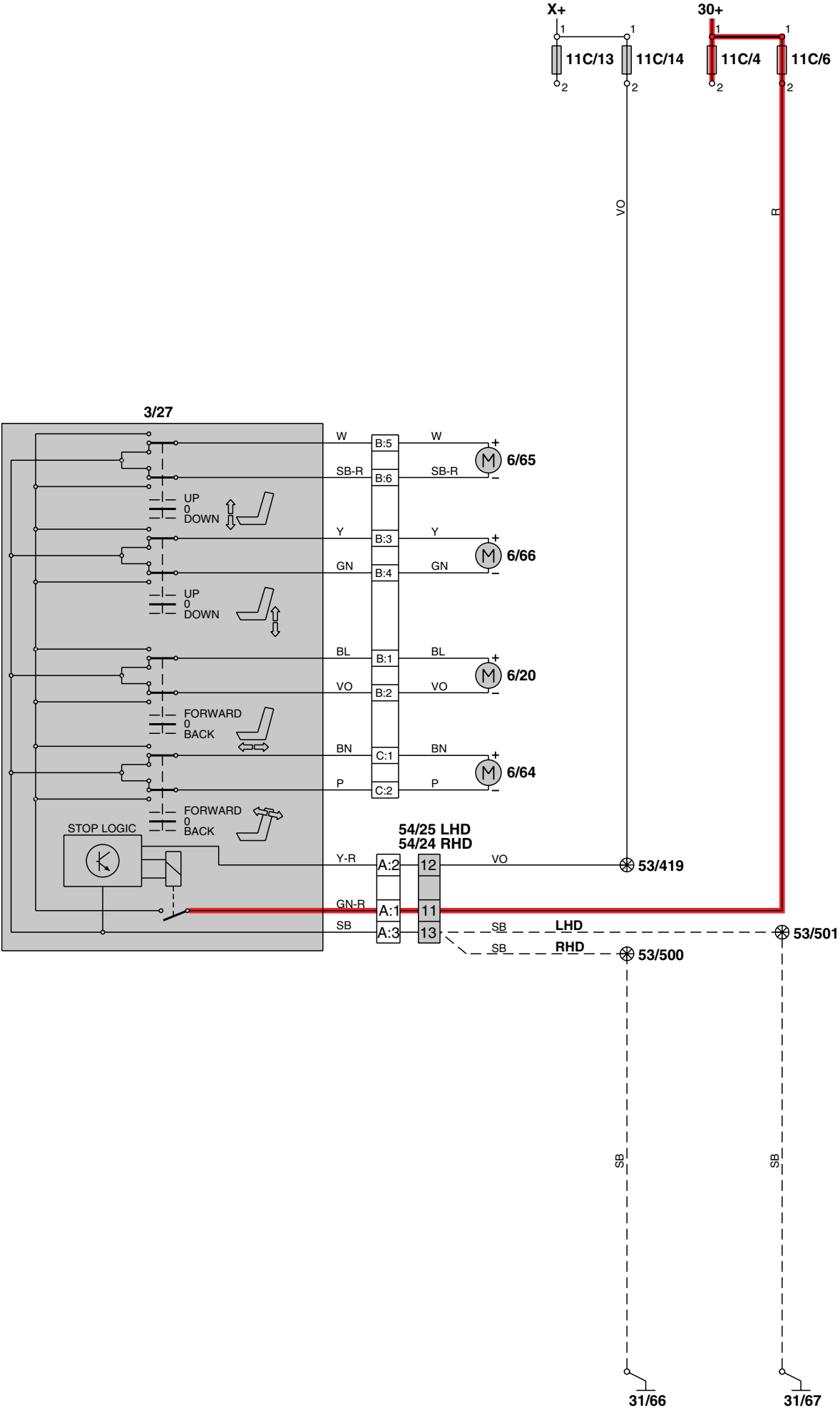
Group 85 Heated seats



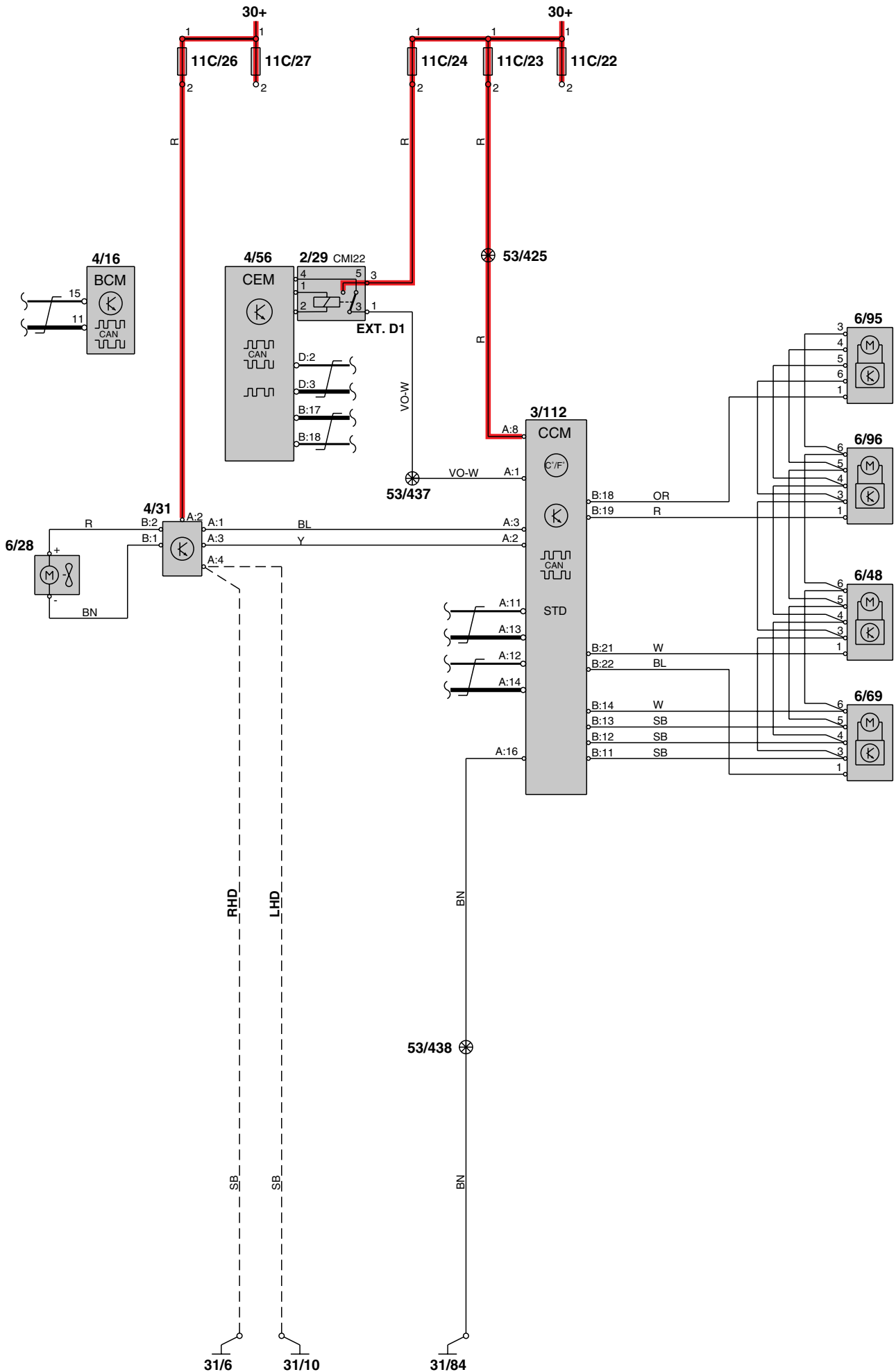
Power driver's seat



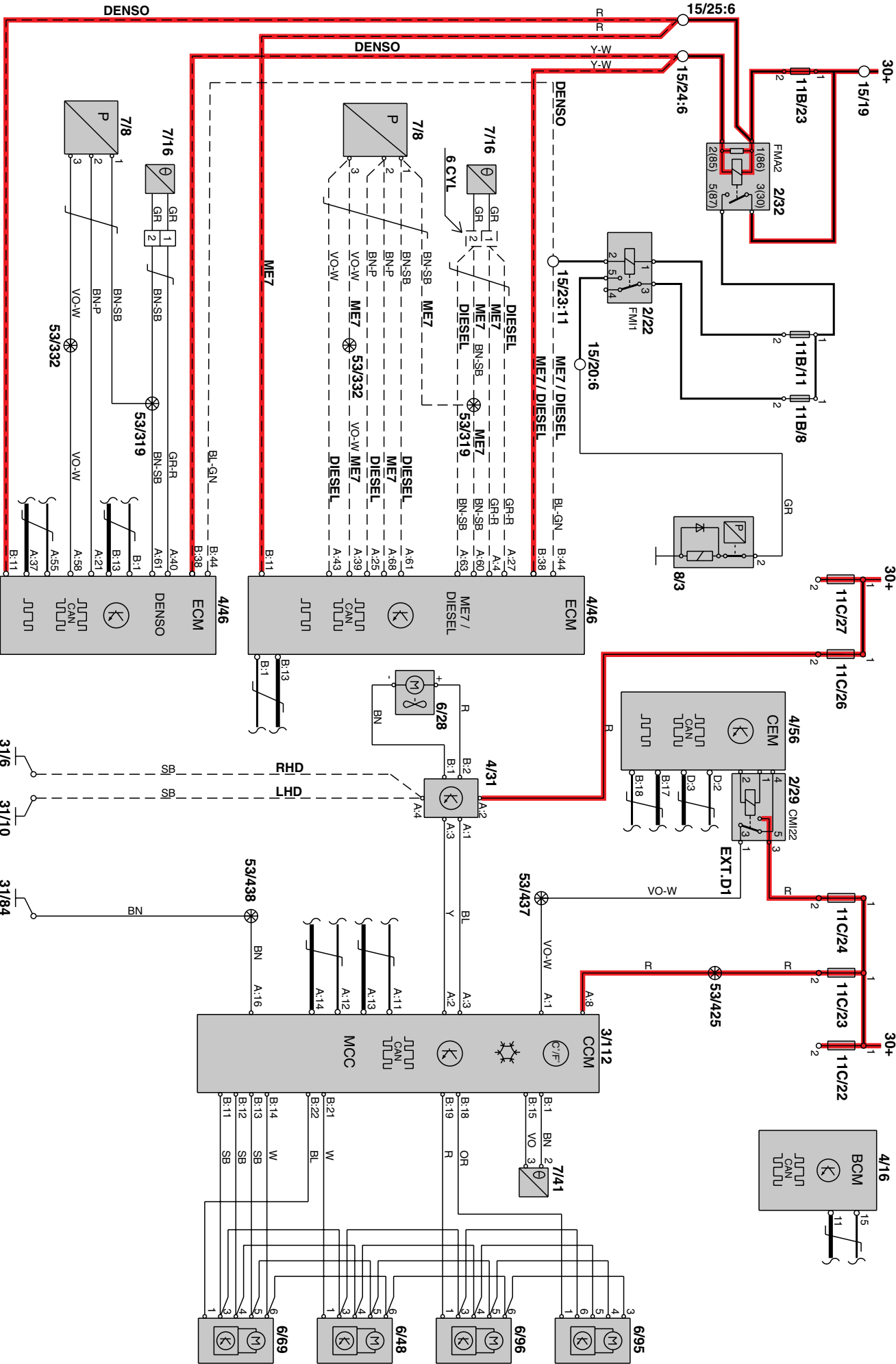
Power passenger seat



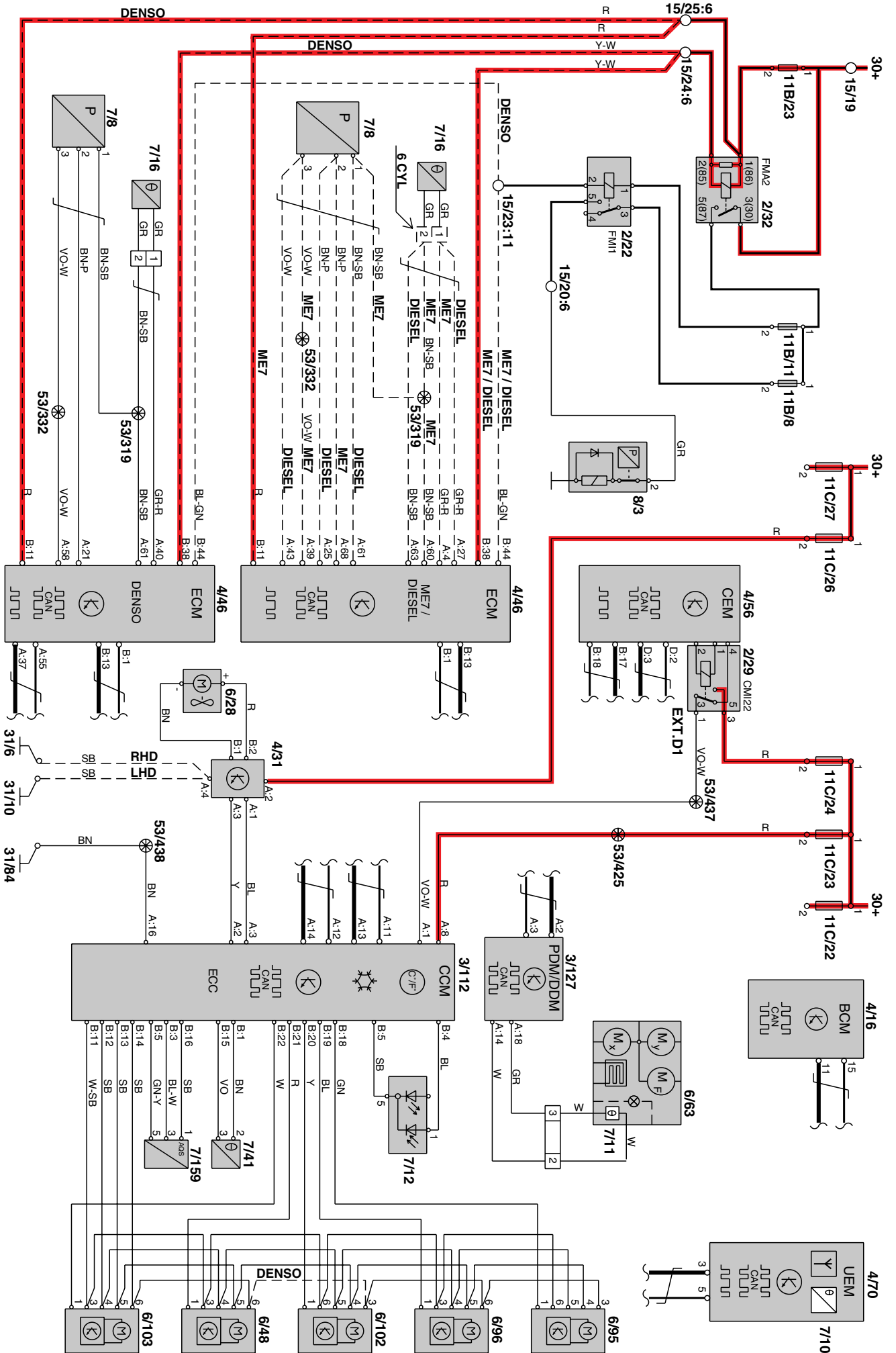
Group 87 Standard heater



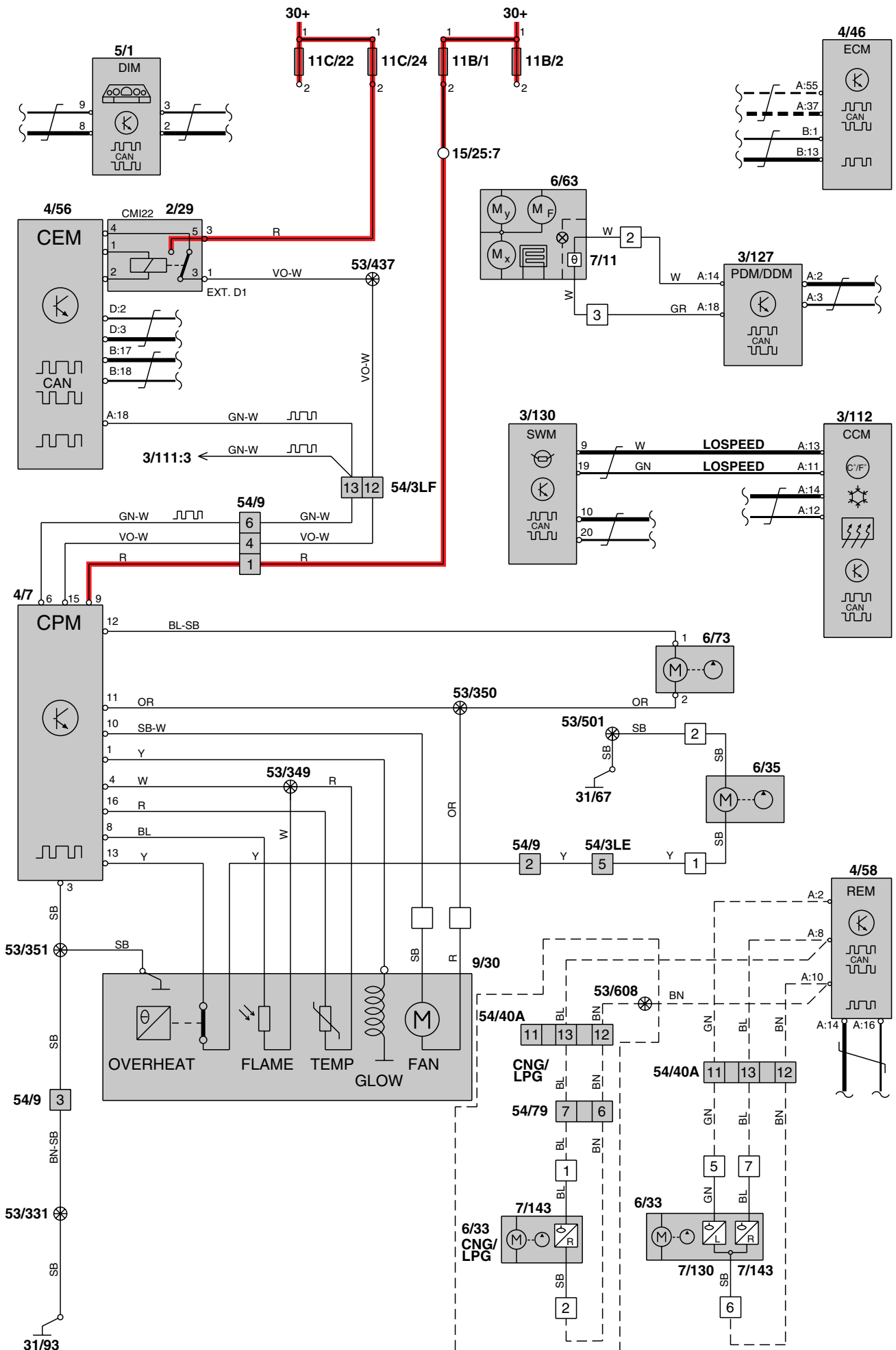
Manual climate control MCC



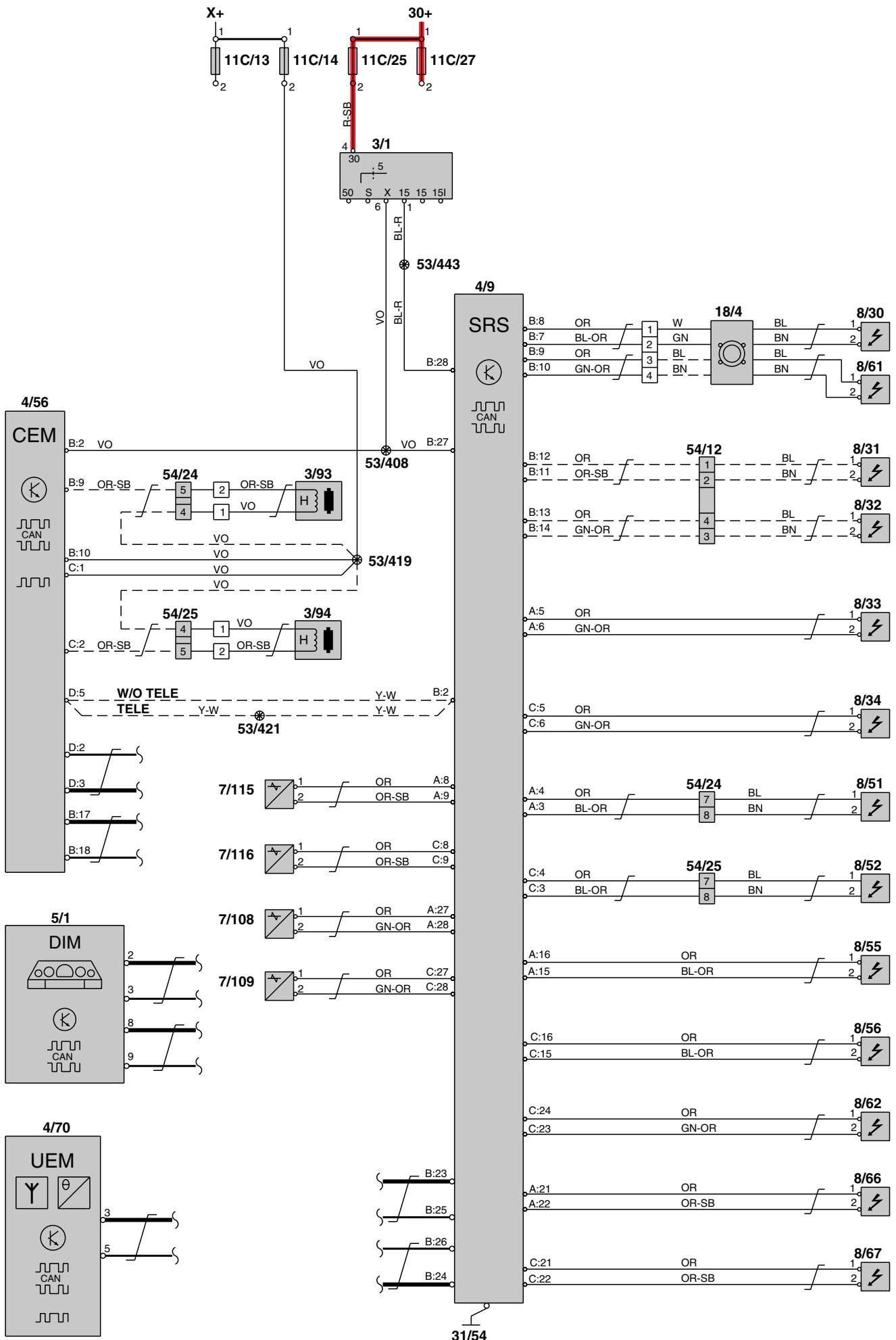
Electronic climate control ECC



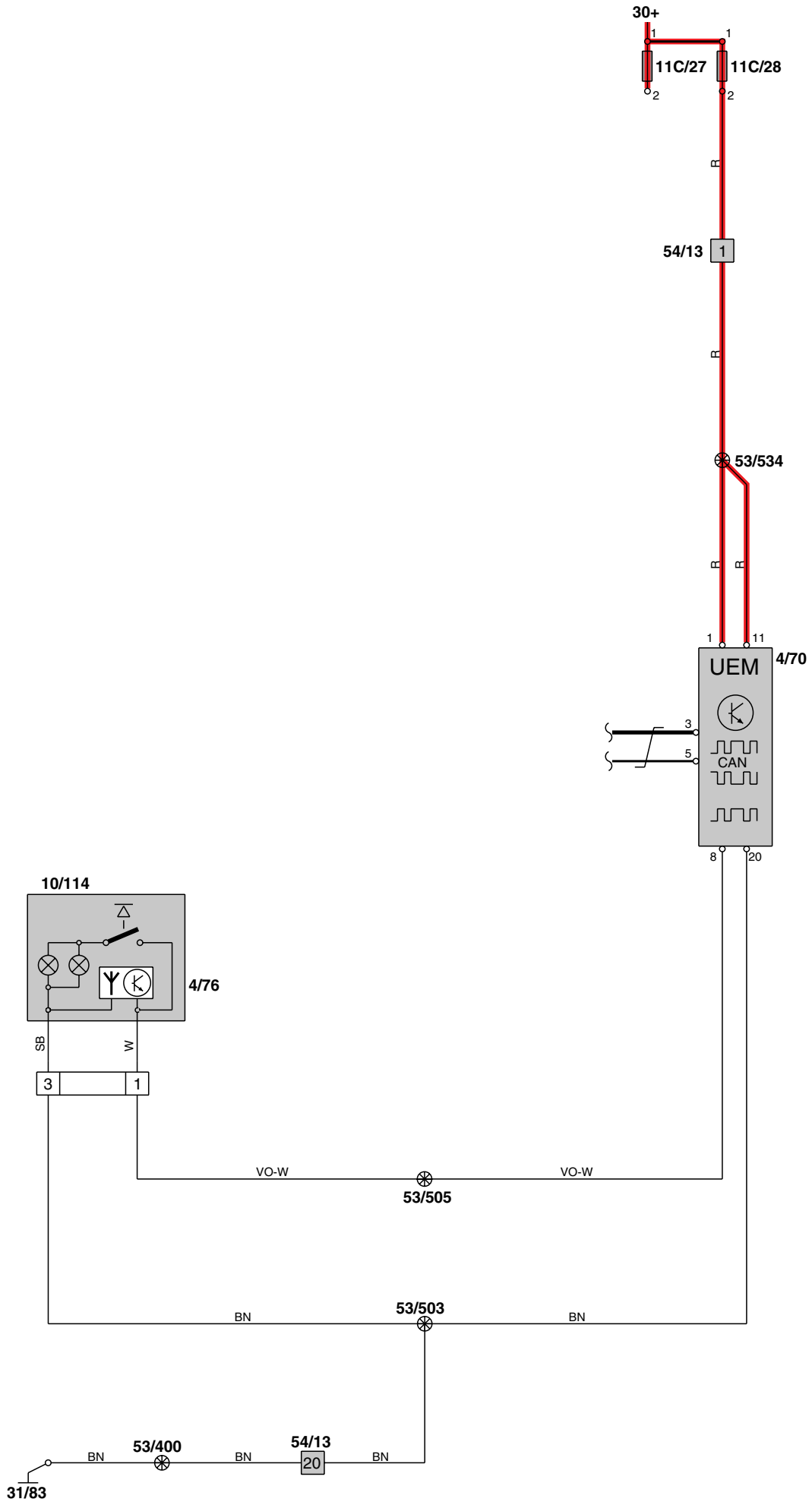
Parking heater, auxiliary heater



SRS Supplemental Restraint System



Remote controlled garage door opener



54/1B
1-pin gray

No.	Engine compartment harness		Engine harness	
1	Junction rail 15/28:2	R-W	Junction point 53/374	R

54/3LA
13-pin white

No.	Passenger compartment harness		Engine compartment harness	
1	CEM 4/56A:2	GR	Connector 54/22B:1	GR
2	CEM 4/56D:11	GN	Connector 54/23B:1	GN
3	Junction point 53/512 S60 AWD Junction point 53/430	W	Brake Control Module BCM 4/16:11	W
4	Connector 54/34:3 LHD	GN	Engine Control Module ECM 4/46B:40 LHD	GN-BN
5	Gear Shift Module GSM, automatic transmission 3/156A:6	SB	Transmission Control Module TCM 4/28A:54 Junction point 53/329	SB
6	Tank pressure sensor 7/84:3 LHD	W	Engine Control Module ECM 4/46B:10 LHD	W-SB
7	CEM 4/56A:19	Y	Junction rail 15/23:2	Y-GR
8	CEM 4/56A:3	BN-W	Junction rail 15/24:12	BL-OR
9	Tank pressure sensor 7/84:2 LHD	GR	Engine Control Module ECM 4/46B:31 LHD	GR-SB
10	CEM 4/56A:17	W	Junction rail 15/25:4	W
11	CEM 4/56A:16	BL	Junction rail 15/23:16	BL-R
12	CEM 4/56A:14	Y	Junction rail 15/23:15	Y
13	CEM 4/56A:13	GR	Junction rail 15/24:8	GR

54/3LB
13-pin white

No.	Passenger compartment harness		Engine compartment harness	
1	Tank pressure sensor 7/84:1 LHD	BN	Junction point 53/324 LHD	BN
2	CEM 4/56B:14	BL	Engine Control Module ECM 4/46B:45	R-SB
3	Junction point 53/513 S60 AWD Junction point 53/431	GN	Brake Control Module BCM 4/16:15	GN
4	Connector 54/34:4 LHD	BL	Engine Control Module ECM 4/46B:7 LHD	BL-SB
5	Sensor module DSTC 7/164:2	W	Brake Control Module BCM 4/16:29	W-SB
6	Sensor module DSTC 7/164:1	BN	Brake Control Module BCM 4/16:25	GN-Y
7	Sensor module DSTC 7/164:5	GR-W	Brake Control Module BCM 4/16:39	GR-SB
8	Sensor module DSTC 7/164:3	GR	Brake Control Module BCM 4/16:6	P-W
9	RR ABS sensor 7/57:1	BN	Brake Control Module BCM 4/16:43	BN-W
10	RR ABS sensor 7/57:2	Y	Brake Control Module BCM 4/16:42	Y-W
11	RL ABS sensor 7/56:1	BN	Brake Control Module BCM 4/16:36	BN-OR
12	RL ABS sensor 7/56:2	Y	Brake Control Module BCM 4/16:37	Y-VO
13	Fuse 11C/9:2	BL	Brake Control Module BCM 4/16:4	BL

Connector 54/3LC - 54/3LE

54/3LC 6-pin white

No.	Passenger compartment harness		Engine compartment harness	
1	Connector 54/34:1 LHD	GN-GR	Junction rail 15/23:13 LHD	GN-GR
2	Connector 54/10:6	BN	Junction point 53/324 Engine Control Module ECM 4/46B:4	BN
3	Connector 54/10:5	W	Engine Control Module ECM 4/46B:29	OR-W
4	CEM 4/56A:20 Ignition switch 3/1:7	Y-W	Junction rail 15/24:16 Engine Control Module ECM 4/46B:23	GN-R
5	Relay for extended D2 feed, automatic transmission 2/101:1	VO-W	Transmission Control Module TCM 4/28A:35 Connector 54/7:1 CNG/LPG	VO-W
6	Shunt, direction indicator CEM, left 20/32:2	GN	FL fender direction indicator 10/15:2 FL lamp housing 10/1B:2	GN

54/3LD 4-pin white

No.	Passenger compartment harness		Engine compartment harness	
1	Fuel pump, auxiliary heater 6/35:1	Y	Connector 54/9:2	Y
2	Junction point 53/402	R	Junction rail relay/fuse box 15/21:2	R-W
3	Junction point 53/403	R	Junction rail relay/fuse box 15/28:1	R
4	Shunt, direction indicator CEM right 20/34:2	GN-W	FR fender direction indicator 10/16:2 FR lamp housing 10/2B:2	GN-W

54/3LE 6-pin white

No.	Passenger compartment harness		Engine compartment harness	
1	Junction point 53/443	BL-R	Engine Control Module ECM 4/46B:37	BL-R
2	High beam relay 2/63:1	BL	Junction rail 15/22:3	BL
3	Relay, low beam/Bi-Xenon 2/62:1	GR	Junction rail 15/22:1	BL-W
4	Fuse 11C/1:2 LHD	BL-GN	-	-
5	Fuse 11C/2:2 LHD	BL-Y	-	-
6	Front fog light relay 2/34:1	P	FR fog light 10/6:1 FL fog light 10/5:1	P

**54/3LF
13-pin white**

No.	Passenger compartment harness		Engine compartment harness	
1	Combined instrument panel DIM 5/1:4	GR	Engine Control Module ECM 4/46B:46	GR
2	CEM 4/56A:5	R-W	Junction rail 15/24:1	R-W
3	CEM 4/56A:1	Y-GR	Reversing light contact 3/10:1	Y-GR
4	CEM 4/56D:9	Y	Automatic transmission 8/37B:1 AW 55-50 Connector 54/58:1 4T6EV	BL-Y
5	CEM 4/56D:6 Data link connector 17/13:7	W	Engine Control Module ECM 4/46B:22 Transmission Control Module TCM 4/28B:22	W-SB
6	Gear Shift Module GSM 3/156A:2	GN-W	Transmission Control Module TCM 4/28B:21	GN-SB
7	Fuse 11C/38:2	R	Alarm siren SCM 16/35:1	R
8	CEM 4/56B:16 Connector 54/13:14	W	Motor, windshield wiper 6/1:3	BL-W
9	Combined instrument panel DIM 5/1:5	Y-R	Brake fluid level sensor 7/4:1	Y-R
10	Fuse 11C/31:2	GR	Junction point 53/379	GR
11	Fuse 11C/30:2	W	Junction point 53/378	W
12	Junction point 53/437	VO-W	Connector 54/9:4	VO-W
13	CEM 4/56A:18 Light Switch Module LSM 3/111:3	GN-W	Connector 54/9:6	GN-W

**54/3LG
13-pin white**

No.	Passenger compartment harness		Engine compartment harness	
1	CEM 4/56A:12	W	Stepper motor, speed-dependent power steering 6/71:5	GR-W
2	CEM 4/56A:11	GN	Stepper motor, speed-dependent power steering 6/71:4	GN
3	CEM 4/56A:7	Y	Stepper motor, speed-dependent power steering 6/71:3	Y
4	CEM 4/56A:6	BN	Stepper motor, speed-dependent power steering 6/71:2	BN
5	Connector 54/13:15	P	Alarm siren SCM 16/35:2	P
6	Junction point 53/430	W	Engine Control Module ECM 4/46B:13 Transmission Control Module TCM 4/28B:14	W
7	Junction point 53/431	GN	Engine Control Module ECM 4/46B:1 Transmission Control Module TCM 4/28B:2	GN
8	CEM 4/56C:6	BN-W	Connector 54/8:2	BN-W
9	CEM 4/56A:4	Y	Connector 54/4:3	Y
10	CEM 4/56B:15	Y	Windshield washer pump 6/2:3	GN-Y
11	CEM 4/56A:9	GN-R	LH headlight adjustment motor 6/38:2 RH headlight adjustment motor 6/39:2	GN-R
12	CEM 4/56B:4	Y	Engine Control Module ECM 4/46B:26 Brake light contact 3/9:5	Y
13	Fuse 11C/12:2	VO	Junction point 53/380	VO

Connector 54/3LH - 54/8

54/3LH 2-pin black

No.	Passenger compartment harness		Engine compartment harness	
1	Junction point 53/415	R	Junction rail 15/21:1	R-SB
2	-	-	-	-

54/4 4-pin dark gray

No.	Engine compartment harness		Front harness	
1	Junction rail 15/25:11	R-SB	Horn 2 16/11:1 S60 Horn 1 16/10:1 S80	R-SB
2	Junction rail 15/25:11	R-SB	Horn 1 16/10:1 S60 Horn 2 16/11:1 S80	R-SB
3	Connector 54/3LG:9	Y	Hood alarm contact 3/62:1	Y
4	Junction point 53/331	GR-SB	Junction point 53/382	SB

54/7 6-pin dark gray

No.	Engine compartment harness		Engine harness	
1	Connector 54/3LC:5	VO-W	Junction point 53/313	VO-W
2	-	-	-	-
3	Engine Control Module ECM 4/46B:32	W	Fuel distributor, gas 6/105:1	W
4	Engine Control Module ECM 4/46B:50	P-SB	Fuel distributor, gas 6/105:2	P-SB
5	Engine Control Module ECM 4/46B:39	VO	Valve, fuel cut-off DFCO 8/75:1	VO
6	-	-	-	-

54/8 2-pin dark gray

No.	Engine compartment harness		Auxiliary light harness	
1	Junction rail 15/25:3	R-SB	Junction point 53/343	R
2	Connector 54/3LG:8	BN-W	Auxiliary light (accessory) relay 2/64:1	BN-W

54/9

6-pin dark gray

No.	Engine compartment harness		Heater harness	
1	Junction rail 15/25:7	R	Control module CPM 4/7:9	R
2	Connector 54/3LD:1	Y	Auxiliary heater 9/30	Y
3	Junction point 53/331	BN-SB	Junction point 53/351	SB
4	Connector 54/3LF:12	VO-W	Control module CPM 4/7:15	VO-W
5	-	-	-	-
6	Connector 54/3LF:13	GN-W	Control module CPM 4/7:6	GN-W

54/10

12-pin black

No.	Passenger compartment harness		FL door harness	
1	Fuse 11C/35:2	R	Control module, FL door DDM/PDM 3/126B:12	R
2	Fuse 11C/27:2	R-W	Control module, FL door DDM/PDM 3/126B:7	R-W
3	Junction point 53/516	W	Control module, FL door DDM/PDM 3/126A:2	W
4	Junction point 53/517	GN	Control module, FL door DDM/PDM 3/126A:3	GN
5	Connector 54/3LC:3	W	LH power door mirror 6/62:2	W
6	Connector 54/3LC:2	BN	LH power door mirror 6/62:3	BN
7	-	-	-	-
8	CEM 4/56D:7	P	FL door lock unit 3/74:3	P
9	Audio 16/1B:1 Connector 54/14:1	GR-R	Junction point 53/519	GR-R
10	Audio 16/1B:2 Connector 54/14:2	GR	Junction point 53/520	GR
11	Junction point 53/500	SB	Control module, FL door DDM/PDM 3/126B:5	SB
12	Junction point 53/510 LHD Ground connection 31/66	BN	Control module, FL door DDM/PDM 3/126B:9	BN

Connector 54/11 - 54/12

54/11 12-pin black

No.	Passenger compartment harness		FR door harness	
1	Fuse 11C/36:2	R	Control module, FR door PDM/DDM 3/127B:12	R
2	Fuse 11C/27:2	R-W	Control module, FR door PDM/DDM 3/127B:7	R-W
3	Junction point 53/433	W	Control module, FR door PDM/DDM 3/127A:2	W
4	Junction point 53/434	GN	Control module, FR door PDM/DDM 3/127A:3	GN
5	-	-	RH power door mirror 6/63:2	W
6	-	-	RH power door mirror 6/63:3	BN
7	-	-	-	-
8	CEM 4/56D:8	P	FR door lock unit 3/75:3	P
9	Audio 16/1B:5 Connector 54/14:5	GR-R	Junction point 53/521	GR-R
10	Audio 16/1B:6 Connector 54/14:6	GR	Junction point 53/522	GR
11	Junction point 53/501	SB	Control module, FR door PDM/DDM 3/127B:5	SB
12	Ground connection 31/67 LHD Junction point 53/511 RHD	BN	Control module, FR door PDM/DDM 3/127B:9	BN

54/12 4-pin orange

No.	Passenger compartment harness		Airbag (SRS) harness	
1	SRS control module 4/9B:12	OR	Passenger side airbag igniter 8/31:1	BL
2	SRS control module 4/9B:11	SB	Passenger side airbag igniter 8/31:2	BN
3	SRS control module 4/9B:14	GN-OR	Igniter, passenger side airbag stage 2 8/32:2	BN
4	SRS control module 4/9B:13	OR	Igniter, passenger side airbag stage 2 8/32:1	BL

54/13
22-pin black

No.	Passenger compartment harness		Roof harness	
1	Fuse 11C/28:2	R	Junction point 53/534	R
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	Junction point 53/516	W	Upper Electronic Module UEM 4/70:3	W
6	Junction point 53/517	GN	Upper Electronic Module UEM 4/70:5	GN
7	-	-	-	-
8	-	-	-	-
9	-	-	-	-
10	-	-	-	-
11	CEM 4/56B:5	Y-R	Auxiliary brake light 10/19:1	Y-R
12	-	-	-	-
13	-	-	-	-
14	Connector 54/3LF:8	W	Connector 54/16:4	BL-W
15	Connector 54/3LG:5	P	Upper Electronic Module UEM 4/70:21 Sunroof control module SRM 4/33:4	P
16	CEM 4/56A:15	Y	-	-
17	-	-	-	-
18	-	-	-	-
19	-	-	-	-
20	Junction point 53/400	BN	Junction point 53/503	BN
21	Fuse 11C/34:2	R	Sunroof control module SRM 4/33:1	R
22	Junction point 53/405	SB	Sunroof control module SRM 4/33:10	SB

54/14
12-pin light gray

No.	Passenger compartment harness		Audio harness	
1	Connector 54/10:9	GR-R	Amplifier 16/2B:1	GR-R
2	Connector 54/10:10	GR	Amplifier 16/2B:2	GR
3	-	-	-	-
4	-	-	-	-
5	Connector 54/11:9	GR-R	Amplifier 16/2B:5	GR-R
6	Connector 54/11:10	GR	Amplifier 16/2B:6	GR
7	Junction point 53/523	GR-W	Amplifier 16/2B:7	GR-W
8	Junction point 53/524	GR	Amplifier 16/2B:8	GR
9	-	-	-	-
10	-	-	-	-
11	Junction point 53/525	GR-W	Amplifier 16/2B:11	GR-W
12	Junction point 53/526	GR	Amplifier 16/2B:12	GR

Connector 54/16 - 54/20

54/16 5-pin green

No.	Roof harness		Rain sensor harness	
1	Upper Electronic Module UEM 4/70:13	W	Rain sensor 7/149:1	W
2	Junction point 53/503	BN	Rain sensor 7/149:2	BN
3	Junction point 53/505	VO-W	Rain sensor 7/149:3	VO-W
4	Connector 54/13:14	BL-W	Rain sensor 7/149:4	BL-W
5	-	-	-	-

54/20 12-pin black

No.	Passenger compartment harness		RL door harness	
1	Junction point 53/523	GR-W	RL door speaker 16/6:1	GR-W
2	Junction point 53/524	GR	RL door speaker 16/6:2	GR
3	CEM 4/56B:12	P	RL door lock unit 3/76:2	P
4	CEM 4/56B:13	BL	RL door lock unit 3/76:5	BL
5	Junction point 53/446	Y	RL door power window switch 3/85:1 Junction point 53/527 S60	Y
6	Relay, RL power window down 2/118:1	BL	RL door power window switch 3/85:3	BL
7	Junction point 53/504	W	RL courtesy lighting 10/122:2 S80	W
8	Relay, RL power window up 2/116:1	GN-BN	RL door power window switch 3/85:5	GN-BN
9	Connector 54/40A:4	VO	RL door lock unit 3/76:8 Deadlock relay, RL door 2/138:1 S60	VO
10	Connector 54/40A:3	GR	RL door lock unit 3/76:6	GR
11	Connector 54/40A:2	Y	RL door lock unit 3/76:4	Y
12	Junction point 53/500	SB	Junction point 53/531	SB

**54/21
12-pin black**

No.	Passenger compartment harness		RR door harness	
1	Junction point 53/525	GR-W	RR door speaker 16/5:1	GR-W
2	Junction point 53/526	GR	RR door speaker 16/5:2	GR
3	CEM 4/56C:18	P	RR door lock unit 3/77:2	P
4	CEM 4/56C:3	BL	RR door lock unit 3/77:5	BL
5	Junction point 53/446	Y	RR door power window switch 3/86:1 Junction point 53/528 S60	Y
6	Relay, RR power window down 2/119:1	BL	RR door power window switch 3/86:3	BL
7	Junction point 53/504	W	RR courtesy lighting 10/123:2 S80	W
8	Relay, RR power window up 2/117:1	GN-BN	RR door power window switch 3/86:5	GN-BN
9	Connector 54/43A:4	VO	RR door lock unit 3/77:8 Deadlock relay, RR door 2/139:1 S60	VO
10	Connector 54/43A:3	GR	RR door lock unit 3/77:6	GR
11	Connector 54/43A:2	Y	RR door lock unit 3/77:4	Y
12	Junction point 53/501	SB	Junction point 53/532	SB

**54/22A
4-pin black**

No.	Engine compartment harness		Bi-Xenon harness	
1	Junction point 53/301	GR-SB	Junction point 53/387	SB
2	Junction point 53/378	W	Junction point 53/391	W
3	-	-	-	-
4	Junction rail 15/25:13	BL	FL lamp housing 10/1A:1	BL

**54/22B
3-pin dark gray**

No.	Engine compartment harness		Bi-Xenon harness	
1	Connector 54/3LA:1	GR	FL lamp housing 10/1A:5	GR
2	Connector 54/3LE:4	BL-GN	FL lamp housing 10/1A:6	BL-GN
3	Junction point 53/389	BL-W	FL lamp housing 10/1A:2	BL-W

Connector 54/23A - 54/24

54/23A 4-pin black

No.	Engine compartment harness		Bi-Xenon harness	
1	Junction point 53/303	SB	Junction point 53/388	SB
2	Junction point 53/379	GR	Junction point 53/392	W
3	-	-	-	-
4	Junction rail 15/25:12	BL-P	FR lamp housing 10/2A:1	BL

54/23B 3-pin dark gray

No.	Engine compartment harness		Bi-Xenon harness	
1	Connector 54/3LA:2	GN	FR lamp housing 10/2A:5	GR
2	Connector 54/3LE:5	BL-Y	FR lamp housing 10/2A:6	BL-GN
3	Junction point 53/390	BL-W	FR lamp housing 10/2A:2	BL-W

54/24 13-pin black

No.	Passenger compartment harness		FL seat harness	
1	Fuse 11C/7:2	BL	LH seat heater control module 4/201A:4	R
2	CEM 4/56B:11	Y-GR	LH seat heater control module 4/201A:2	Y
3	Junction point 53/500	SB	LH seat heater control module 4/201A:1	SB
4	Junction point 53/419	VO	Switch, seat belt latch, LH seat 3/93:1	VO
5	CEM 4/56B:9	OR-SB	Switch, seat belt latch, LH seat 3/93:2	OR-SB
6	-	-	-	-
7	SRS control module 4/9A:4	OR	FL side airbag igniter 8/51:1	BL
8	SRS control module 4/9A:3	BL-OR	FL side airbag igniter 8/51:2	BN
9	Integrated mobile telephone PHM 16/60:5 LHD	GR-R	Speaker, mobile telephone 16/78:1	GR-R
10	Integrated mobile telephone PHM 16/60:4 LHD	GR	Speaker, mobile telephone 16/78:2	GR
11	Fuse 11C/6:2 RHD	R	Power passenger seat module 3/27A:1	GN-R
12	Junction point 53/419 RHD	VO	Power passenger seat module 3/27A:2	Y-R
13	Junction point 53/500 RHD	SB	Power passenger seat module 3/27A:3	SB

54/25
13-pin black

No.	Passenger compartment harness		FR seat harness	
1	Fuse 11C/8:2	BL	RH seat heater control module 4/202A:4	R
2	CEM 4/56C:4	Y-GR	RH seat heater control module 4/202A:2	Y
3	Junction point 53/501	SB	RH seat heater control module 4/202A:1	SB
4	Junction point 53/419	VO	Switch, seat belt latch, RH seat 3/94:1	VO
5	CEM 4/56C:2	OR-SB	Switch, seat belt latch, RH seat 3/94:2	OR-SB
6	-	-	-	-
7	SRS control module 4/9C:4	OR	FR side airbag igniter 8/52:1	BL
8	SRS control module 4/9C:3	BL-OR	FR side airbag igniter 8/52:2	BN
9	Integrated mobile telephone PHM 16/60:5 RHD	GR-R	Speaker, mobile telephone 16/78:1	GR-R
10	Integrated mobile telephone PHM 16/60:4 RHD	GR	Speaker, mobile telephone 16/78:2	GR
11	Fuse 11C/6:2 LHD	R	Power passenger seat module 3/27A:1	GN-R
12	Junction point 53/419 LHD	VO	Power passenger seat module 3/27A:2	Y-R
13	Junction point 53/501 LHD	SB	Power passenger seat module 3/27A:3	SB

54/32
3-pin light gray

No.	Cargo compartment harness		RL angle sensor harness	
1	REM 4/58B:10	GN-R	RL angle sensor 7/120:5	BL-R
2	REM 4/58B:8	GR	RL angle sensor 7/120:4	GR-W
3	REM 4/58B:6	BN-W	RL angle sensor 7/120:1	BN

54/33
3-pin blue

No.	Passenger compartment harness		Tunnel harness	
1	CEM 4/56E:8 via 9/25:2	Y-W	Front ashtray lighting 10/72:1 S80	Y-W
2	-	-	-	-
3	Junction point 53/406 via 9/25:3	SB	Front ashtray lighting 10/72:2 S80	SB

Connector 54/34 - 54/37

54/34 4-pin LHD light gray

No.	Passenger compartment harness		Fuel leakage pump harness	
1	Connector 54/3LC:1	GN-GR	Pump, fuel leakage control 6/67:4	GN-GR
2	Relay, fuel leakage control 2/143:3	R-SB	Pump, fuel leakage control 6/67:2	R-SB
3	Connector 54/3LA:4	GN	Pump, fuel leakage control 6/67:3	GN
4	Connector 54/3LB:4	BL	Pump, fuel leakage control 6/67:1	BL-SB

54/35 4-pin light gray

No.	Cargo compartment harness		Heated fuel filter harness	
1	Relay, preheated fuel filter 2/142:4	Y	Thermostatic switch, fuel filter 8/85:1	Y
2	REM 4/58D:16	SB	Thermostatic switch, fuel filter 8/85:2	SB
3	Relay, preheated fuel filter 2/142:1	BL	Electrically heated fuel filter 9/38:1	BL
4	Junction point 53/604	SB	Electrically heated fuel filter 9/38:2	SB

54/37 14-pin light gray

No.	Passenger compartment harness		Adapter cable harness AEM	
1	Fuse 11C/30:2	W	Connector 54/40:1	W
2	Connector 54/20:11	Y	Connector 54/40:2	Y
3	Connector 54/20:10	GR	Connector 54/40:3	GR
4	Connector 54/20:9	VO	Connector 54/40:4	VO
5	Junction point 53/435	GN	Junction point 53/538	GN
6	Junction point 53/436	W	Junction point 53/537	W
7	Shunt, direction indicator CEM, left 20/32:2	GN	Connector 54/40:7	GN
8	Fuse 11C/31:2	GR	Connector 54/40:8	GR
9	Junction point 53/523	GR-W	Connector 54/40:9	GR-W
10	Junction point 53/524	GR	Connector 54/40:10	GR
11	Fuel pump 6/33:5 Connector 54/79:5 CNG/LPG	GN	Connector 54/40:11	GN
12	Fuel pump 6/33:6 Connector 54/79:6 CNG/LPG	BN	Connector 54/40:12	BN
13	Fuel pump 6/33:7 Connector 54/79:7 CNG/LPG	BL	Connector 54/40:13	BL
14	Connector 54/74:1 S60 AWD	BL	Connector 54/40:14	GN-Y

54/40
14-pin light gray

No.	Adapter cable harness AEM		Cargo compartment harness	
1	Connector 54/37:1	W	Shunt, parking light REM 20/28:3	W
2	Connector 54/37:2	Y	Junction point 53/627	Y
3	Connector 54/37:3	GR	Unlocking relay, RL 2/112:1	GR-SB
4	Connector 54/37:4	VO	Relay, deadlock, rear doors 2/115:1	VO
5	Junction point 53/538	GN	REM 4/58A:16 Junction point 53/664 AEM	GN
6	Junction point 53/537	W	REM 4/58A:14 Junction point 53/663 AEM	W
7	Connector 54/37:7	GN	RL lamp housing 10/18A:2 S60 RL lamp housing 10/18B:4 S80	GN
8	Connector 54/37:8	GR	Junction point 53/609	GR
9	Connector 54/37:9	GR-W	-	-
10	Connector 54/37:10	GR	-	-
11	Connector 54/37:11	GN	REM 4/58A:2	GN
12	Connector 54/37:12	BN	REM 4/58A:10 Junction point 53/608 CNG/LPG	BN
13	Connector 54/37:13	BL	REM 4/58A:8	BL
14	Connector 54/37:14	GN-Y	Fuse 11D/17:2	BL

54/40A
14-pin light gray

No.	Passenger compartment harness		Cargo compartment harness	
1	Fuse 11C/30:2	W	Shunt, parking light REM 20/28:3	W
2	Connector 54/20:11	Y	Junction point 53/627	Y
3	Connector 54/20:10	GR	Unlocking relay, RL 2/112:1	GR-SB
4	Connector 54/20:9	VO	Relay, deadlock, rear doors 2/115:1	VO
5	Junction point 53/435	GN	REM 4/58A:16 Junction point 53/664 AEM	GN
6	Junction point 53/436	W	REM 4/58A:14 Junction point 53/663 AEM	W
7	Shunt, direction indicator CEM, left 20/32:2	GN	Lamp housing, LH tail light 10/18A:2 S60 Lamp housing, LH tail light 10/18B:4 S80	GN
8	Fuse 11C/31:2	GR	Junction point 53/609	GR
9	Junction point 53/523	GR-W	-	-
10	Junction point 53/524	GR	-	-
11	Fuel pump 6/33:5 Connector 54/79:5 CNG/LPG	GN	REM 4/58A:2	GN
12	Fuel pump 6/33:6 Connector 54/79:6 CNG/LPG	BN	REM 4/58A:10 Junction point 53/608 CNG/LPG	BN
13	Fuel pump 6/33:7 Connector 54/79:7 CNG/LPG	BL	REM 4/58A:8	BL
14	Connector 54/74:1 S60 AEM	BL	Fuse 11D/17:2	BL

Connector 54/40B - 54/50

54/40B 1-pin black

No.	Passenger compartment harness		Cargo compartment harness	
1	LH window antenna amplifier 16/16:1	R	Relay, heated rear window 2/82:3	R

54/43A 14-pin light gray

No.	Passenger compartment harness		Cargo compartment harness	
1	-	-	-	-
2	Connector 54/21:11	Y	Junction point 53/627	Y
3	Connector 54/21:10	GR	RR unlocking relay 2/114:1	GR
4	Connector 54/21:9	VO	Relay, deadlock, rear doors 2/115:1	VO
5	-	-	-	-
6	-	-	-	-
7	RH indicator shunt CEM 20/34:2	GN-W	RR lamp housing 10/17A:2 S60 Lamp housing, RH tail light 10/17B:4 S60	GN-W
8	Fuse 11C/20:2	BL	-	-
9	Junction point 53/525	GR-W	-	-
10	Junction point 53/526	GR	-	-
11	CEM 4/56C:5	P	Connector 54/50:1	P
12	-	-	-	-
13	CEM 4/56B:6	GN-Y	REM 4/58A:4	GN-Y
14	-	-	-	-

54/50 10-pin light gray

No.	Cargo compartment harness		Trunk lid/tailgate harness	
1	Connector 54/43A:11	P	Trunk lid/tailgate lock unit 3/78:1	BN-R
2	-	-	-	-
3	Relay, trunk lid/tailgate opening 2/67:1	GR-W	Trunk lid/tailgate lock unit 3/78:2	GR-W
4	-	-	-	-
5	-	-	-	-
6	-	-	-	-
7	Junction point 53/609	GR	License plate lighting 10/3:2	GR
8	REM 4/58D:7	BL	License plate lighting 10/3:1	BL-BN
9	-	-	-	-
10	Junction point 53/601	SB	Trunk lid lock unit 3/78:4	BL-SB

54/51
13-pin light gray

No.	Cargo compartment harness		Towing bracket wiring	
1	Fuse 11D/15:2	BL	15l feed	BL
2	Fuse 11D/9:2	R	30 feed	R
3	-	-	-	-
4	Relay, brake lights 2/79:1	Y	Brake lights	Y
5	Relay, fog lights 2/83:1	P	Rear fog light	P
6	-	-	-	-
7	Ground connection 31/48	SB	Ground connection	SB
8	Junction point 53/609	GR	RH parking light	GR
9	Lamp housing, RH tail light 10/17B:4 S80 Lamp housing, RH tail light 10/17A:2 S60	GN-W	RH direction indicator	GN-W
10	Lamp housing, LH tail light 10/18B:4 S80 Lamp housing, LH tail light 10/18A:2 S60	GN	LH direction indicator	GN
11	Shunt, parking light REM 20/28:3	W	LH parking light	W
12	Junction point 53/615	BL	Reversing lights	BL
13	-	-	-	-

54/53
4-pin black

No.	Engine harness ME7		Knock sensor	
1	Engine Control Module ECM 4/46A:46	BN-SB	Front knock sensor 7/24:1	BN
2	Engine Control Module ECM 4/46A:64	SB	Front knock sensor 7/24:2	SB
3	Engine Control Module ECM 4/46A:45	BN	Rear knock sensor 7/23:1	BN
4	Engine Control Module ECM 4/46A:67	Y-SB	Rear knock sensor 7/23:2	SB

54/54
8-pin light gray

No.	Cargo compartment harness		Fuel tank harness CNG/LPG	
1	REM 4/58B:5	GR-R	Pressure and temperature sensor CNG 7/156:1	GR-R
2	REM 4/58B:16	VO	Pressure and temperature sensor CNG 7/156:2	VO
3	REM 4/58C:1	Y	Pressure and temperature sensor CNG 7/156:3	Y
4	REM 4/58C:2	Y-GR	Pressure and temperature sensor CNG 7/156:4	Y-GR
5	REM 4/58A:2	GN-Y	Sensor, fuel level LPG 7/153:1	BL
6	Junction point 53/608	BN	Sensor, fuel level LPG 7/153:2	BN
7	Relay CNG/LPG 2/140:1	Y-R	Solenoid, fuel tank CNG rear 8/88:1 Gas tank valve 8/76:2 LPG	Y-R
8	Junction point 53/604	SB	Solenoid, fuel tank CNG rear 8/88:2 Gas tank valve 8/76:1 LPG	SB

Connector 54/55 - 54/58

54/55 RHD 3-pin dark gray

No.	Engine compartment harness		Brake pressure sensor harness	
1	Brake Control Module BCM 4/16:19	GN-BN	Brake pressure sensor 2 7/129:1	W
2	Brake Control Module BCM 4/16:20	GN-W	Brake pressure sensor 2 7/129:2	GR
3	Brake Control Module BCM 4/16:18	GR-W	Brake pressure sensor 2 7/129:3	BN

54/56 RHD 3-pin dark gray

No.	Engine compartment harness		Brake pressure sensor harness	
1	Brake Control Module BCM 4/16:21	BL-BN	Brake pressure sensor 1 7/139:1	W
2	Brake Control Module BCM 4/16:23	OR-W	Brake pressure sensor 1 7/139:2	GR
3	Brake Control Module BCM 4/16:22	GR-OR	Brake pressure sensor 1 7/139:3	BN

54/57 4-pin dark gray

No.	Engine compartment harness		Automatic transmission harness	
1	Transmission Control Module TCM 4/28A:41	Y-SB	Automatic transmission 8/37:V	Y-SB
2	Transmission Control Module TCM 4/28A:59	Y-R	Automatic transmission 8/37:S	Y-R
3	Transmission Control Module TCM 4/28A:39	SB	Output speed sensor 7/62:2	SB
4	Transmission Control Module TCM 4/28A:57	Y	Output speed sensor 7/62:1	Y

54/58 8-pin dark gray

No.	Engine compartment harness		Automatic transmission harness	
1	Connector 54/3LF:4	BL-OR	Connector 54/58:3	Y
2	Junction point 53/331	BN-SB	-	-
3	Transmission Control Module TCM 4/28A:44	GN-R	Connector 54/58:1	Y
4	Junction point 53/331	GN-SB	Automatic transmission 8/37:E	SB
5	Transmission Control Module TCM 4/28A:46	W	Automatic transmission 8/37:F	W
6	Transmission Control Module TCM 4/28A:64	Y	Automatic transmission 8/37:G	Y
7	Transmission Control Module TCM 4/28A:45	GN	Automatic transmission 8/37:H	GN
8	Transmission Control Module TCM 4/28A:63	BL	Automatic transmission 8/37:J	BL

54/59

6-pin dark gray

No.	Engine compartment harness		Automatic transmission harness	
1	Transmission Control Module TCM 4/28A:50	GN-W	Automatic transmission 8/37:A	GN-W
2	Transmission Control Module TCM 4/28A:68	BN-W	Automatic transmission 8/37:B	BN-W
3	Transmission Control Module TCM 4/28A:48	W-SB	-	-
4	Transmission Control Module TCM 4/28A:47	R-W	-	-
5	Transmission Control Module TCM 4/28A:66	BL-W	-	-
6	Transmission Control Module TCM 4/28A:65	GR-OR	Automatic transmission 8/37:U	GR-OR

54/60

8-pin dark gray

No.	Engine compartment harness		Automatic transmission harness	
1	Transmission Control Module TCM 4/28A:51	BN	Automatic transmission 8/37:T	BN
2	Transmission Control Module TCM 4/28A:69	Y-W	-	-
3	Transmission Control Module TCM 4/28A:52	GR	Automatic transmission 8/37:C	GR
4	Transmission Control Module TCM 4/28A:70	VO-W	Automatic transmission 8/37:D	VO-W
5	Transmission Control Module TCM 4/28A:49	GN-R	-	-
6	Transmission Control Module TCM 4/28A:67	GN-SB	-	-
7	Transmission Control Module TCM 4/28A:37	BL-R	Automatic transmission 8/37:L	BL-R
8	Transmission Control Module TCM 4/28A:55	BL-SB	Automatic transmission 8/37:M	BL-SB

54/65

2-pin light gray

No.	Cargo compartment harness		AEM harness	
1	Fuse 11D/11:2	R	Accessory Electronic Module AEM 4/78:2	R
2	-	-	-	-

54/74

4-pin light gray

No.	Passenger compartment harness		Harness, Differential Electronic Module DEM	
1	Connector 54/40A:14	BL	Differential Electronic Module DEM 4/82:1	BL-R
2	Junction point 53/512	W	Differential Electronic Module DEM 4/82:8	W
3	Junction point 53/513	GN	Differential Electronic Module DEM 4/82:7	GN
4	Ground connection 31/47	SB	Differential Electronic Module DEM 4/82:2	BN

Connector
54/79 - 54/106

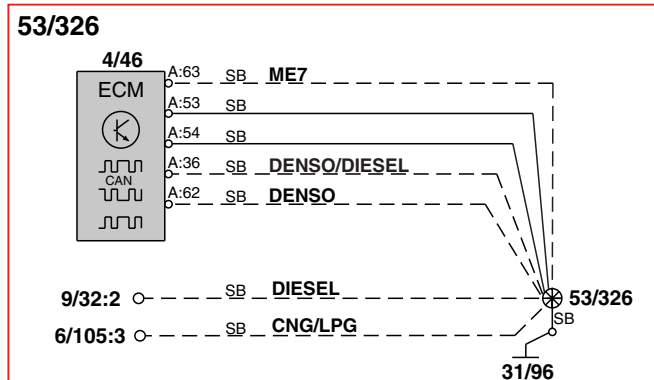
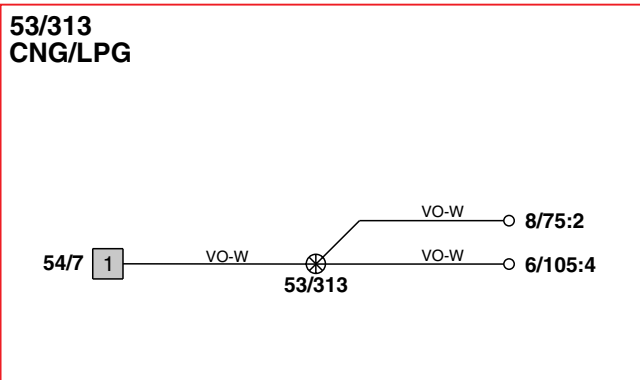
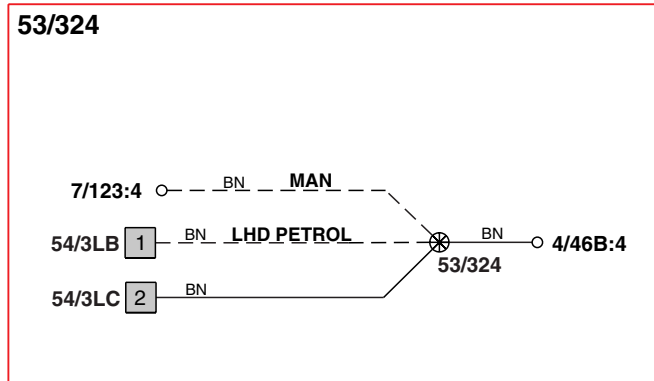
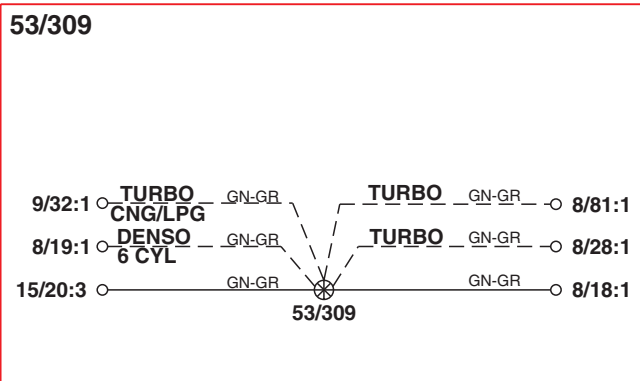
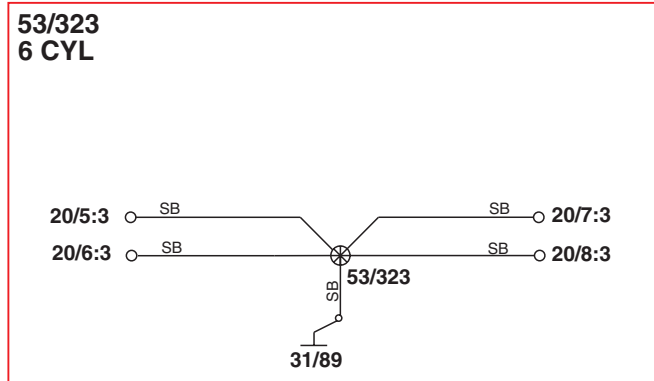
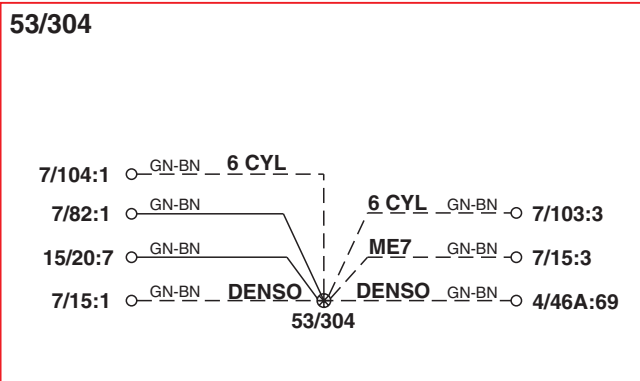
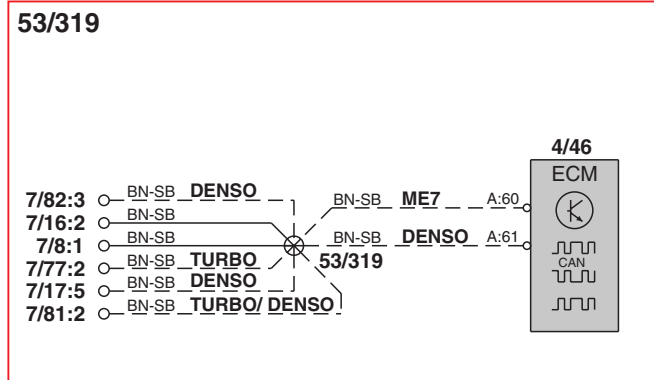
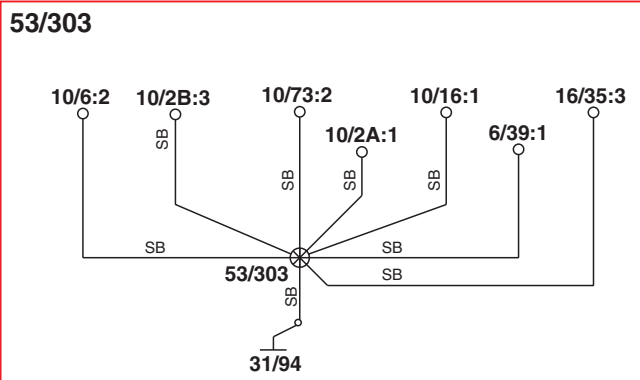
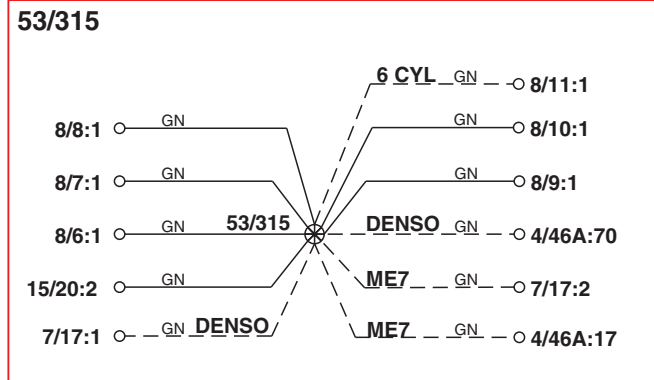
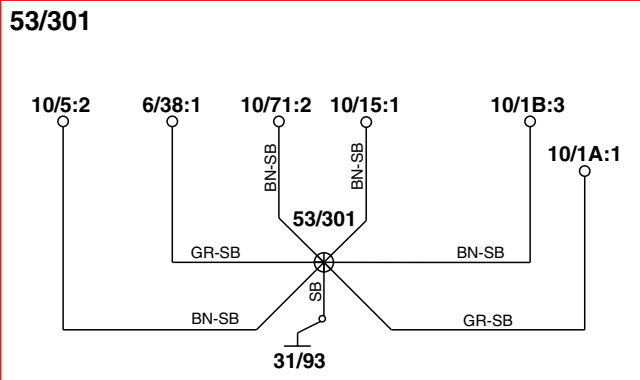
54/79
8-pin light gray

No.	Passenger compartment harness		Harness, fuel tank CNG/LPG adapter	
1	Fuel pump relay 2/23:1	BL	Fuel pump 6/33:5	BL
2	-	-	-	-
3	-	-	-	-
4	Ground connection 31/47	SB	Fuel pump 6/33:4	SB
5	Connector 54/40A:11	GN	-	-
6	Connector 54/40A:12	BN	Fuel pump 6/33:2	BN
7	Connector 54/40A:13	BL	Fuel pump 6/33:1	BL
8	-	-	-	-

54/106
4-pin light gray

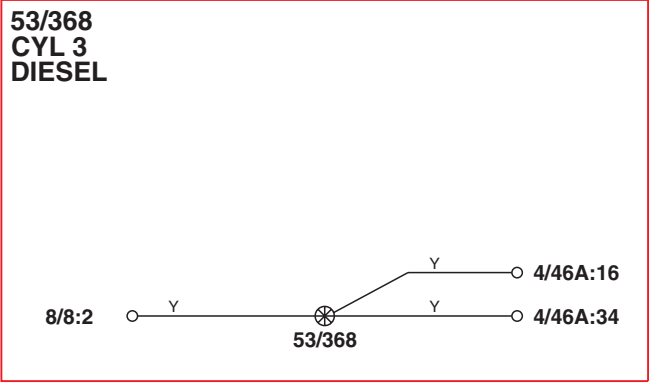
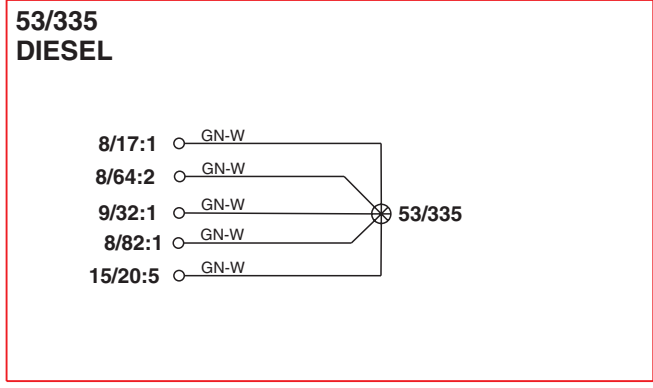
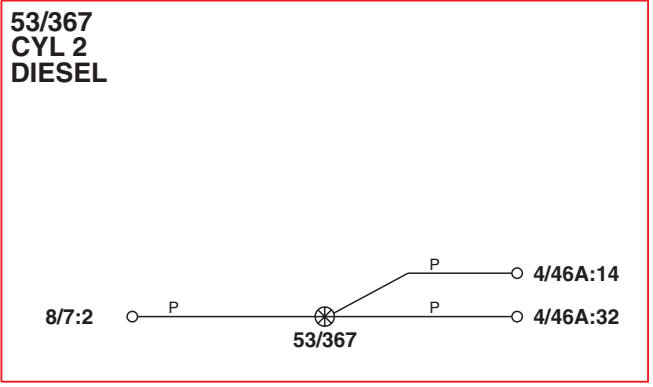
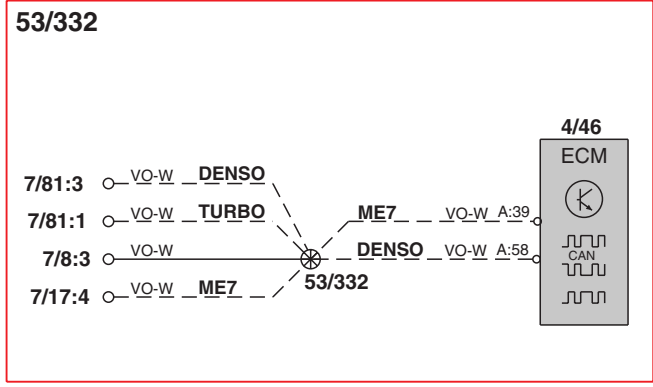
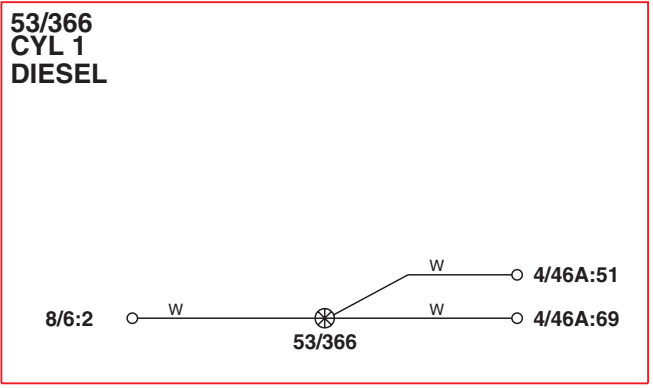
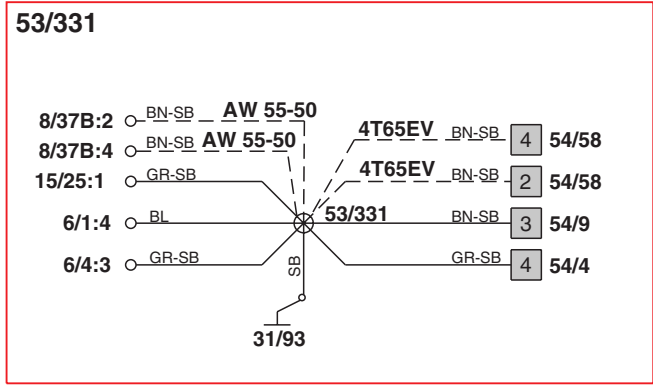
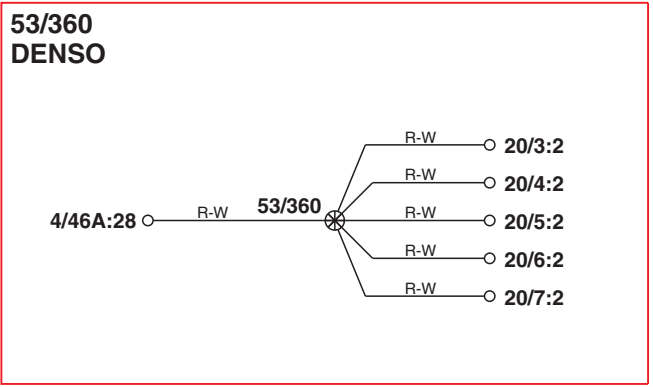
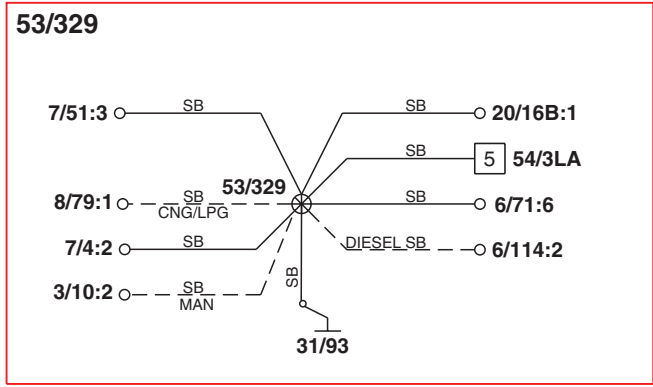
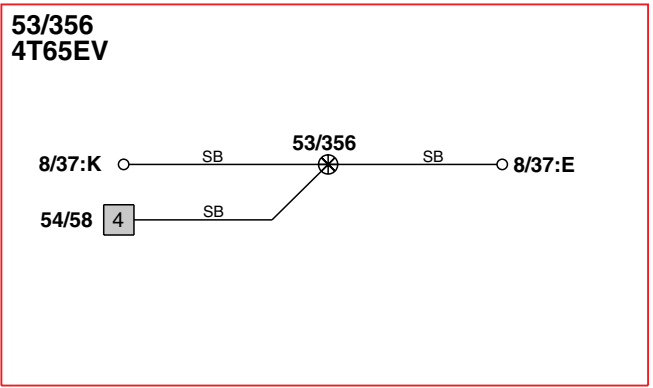
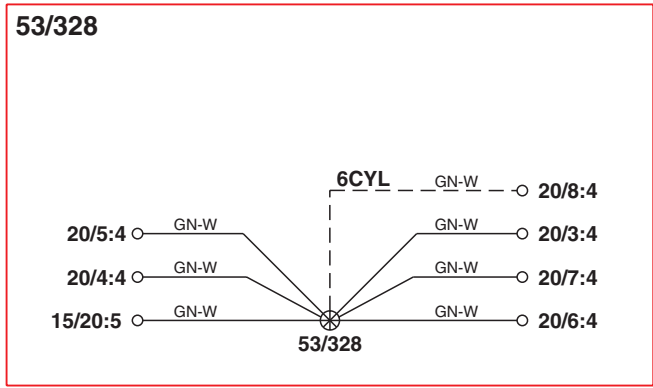
No.	Cargo compartment harness		Harness, fuel tank CNG front	
1	Relay CNG/LPG 2/140:1	Y-R	Solenoid, fuel tank CNG FL 8/89:1 Solenoid, fuel tank CNG FR 8/90:1	Y-R
2	Junction point 53/604	SB	Solenoid, fuel tank CNG FL 8/89:2 Solenoid, fuel tank CNG FR 8/90:2	SB
3	-	-	-	-
4	-	-	-	-

Junction points 53/301 - 53/326



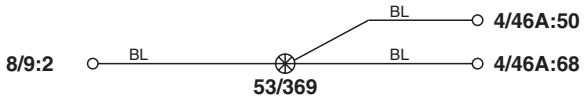
Junction points

53/328 - 53/368

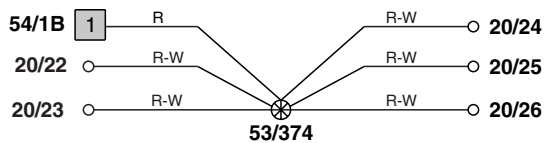


Junction points 53/369 - 53/378

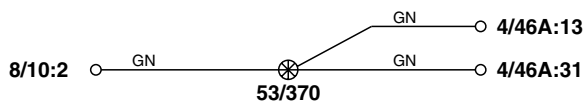
**53/369
CYL 4
DIESEL**



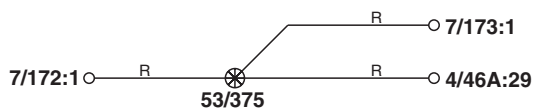
**53/374
DIESEL**



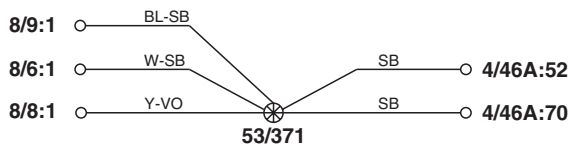
**53/370
CYL 5
DIESEL**



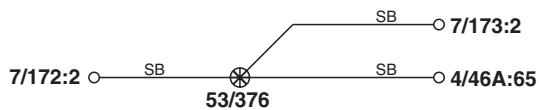
**53/375
6 CYL TURBO**



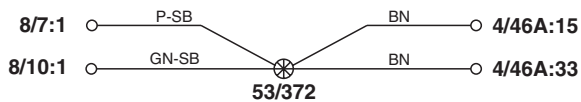
**53/371
DIESEL**



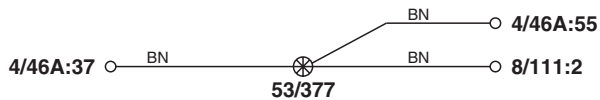
**53/376
6 CYL TURBO**



**53/372
DIESEL**



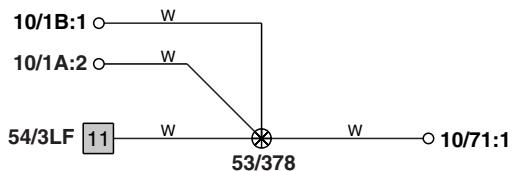
**53/377
DIESEL**



**53/373
DIESEL**

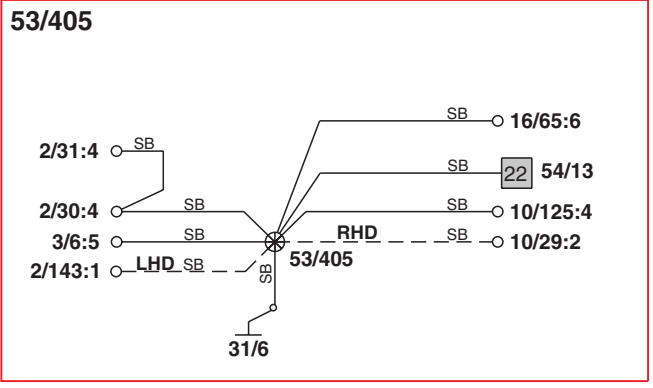
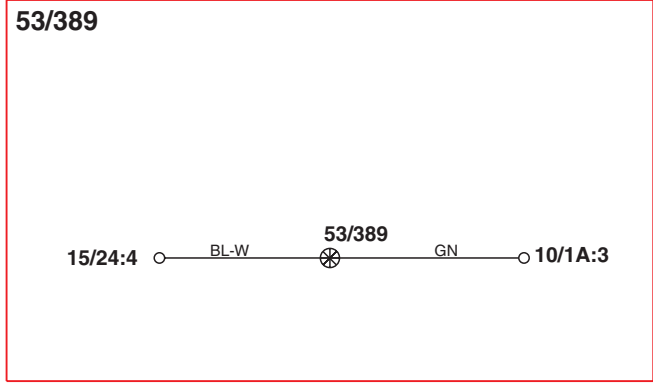
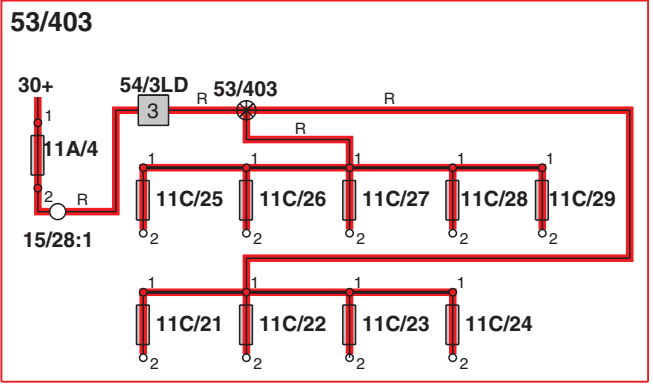
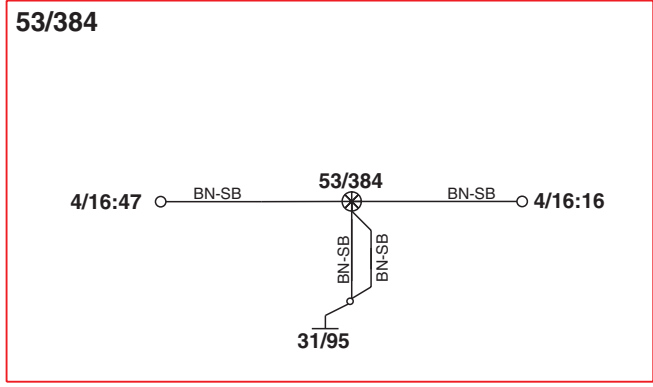
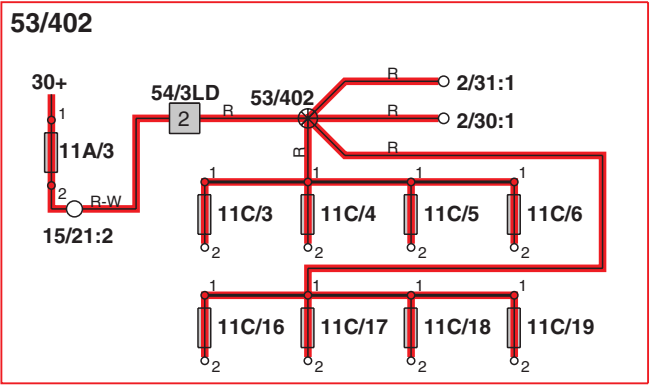
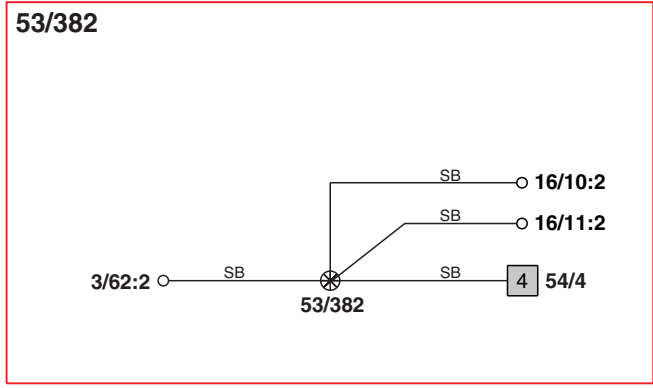
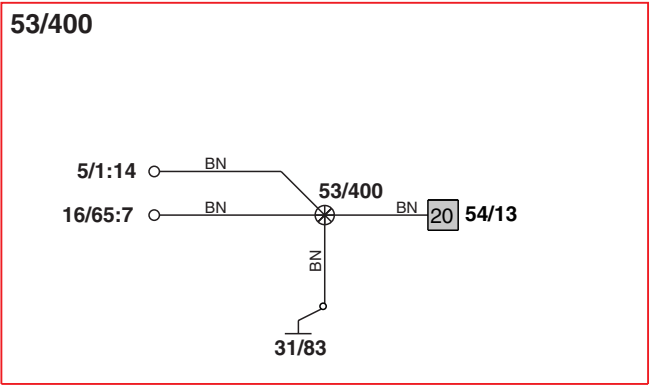
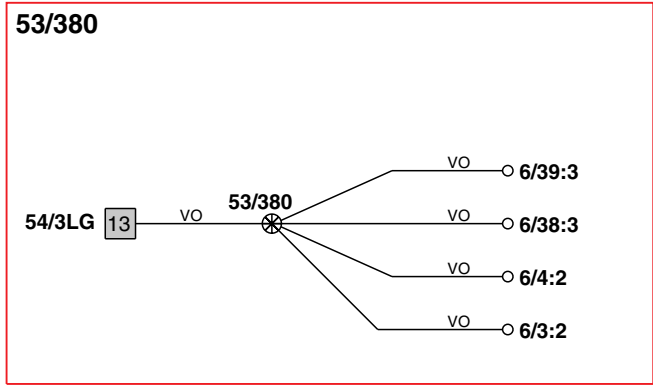
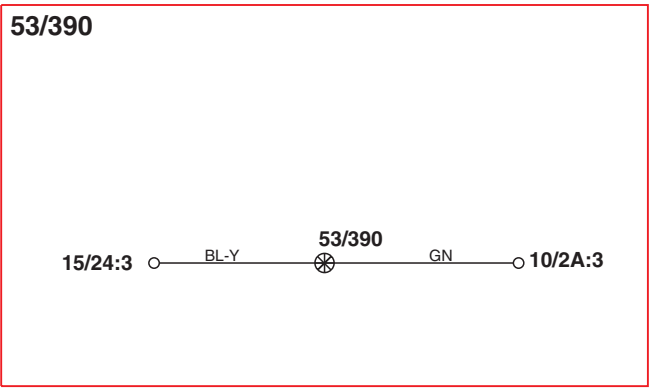
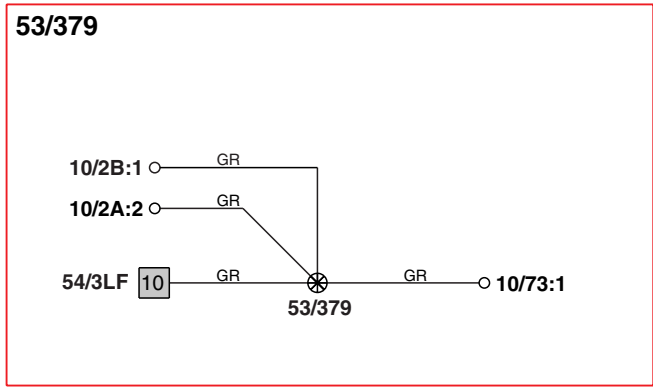


53/378

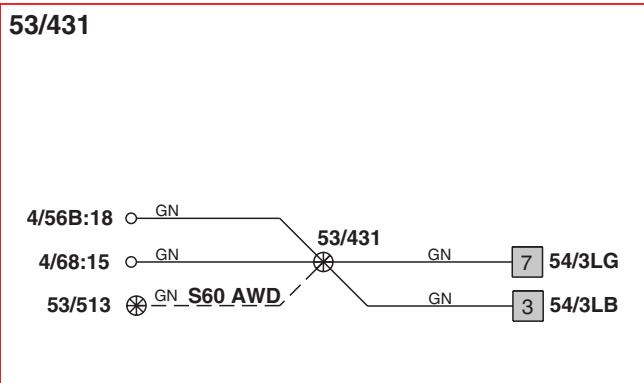
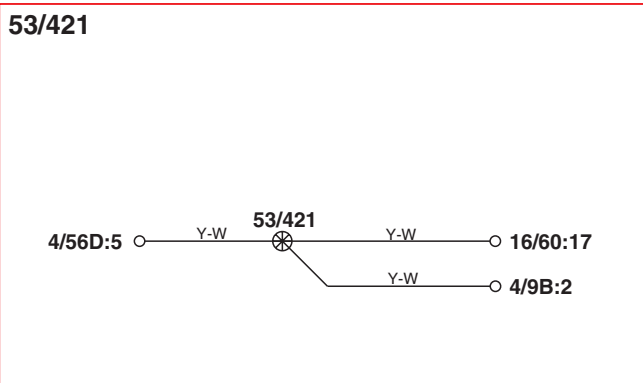
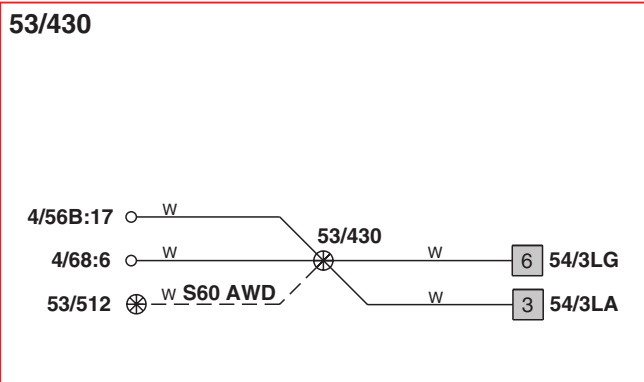
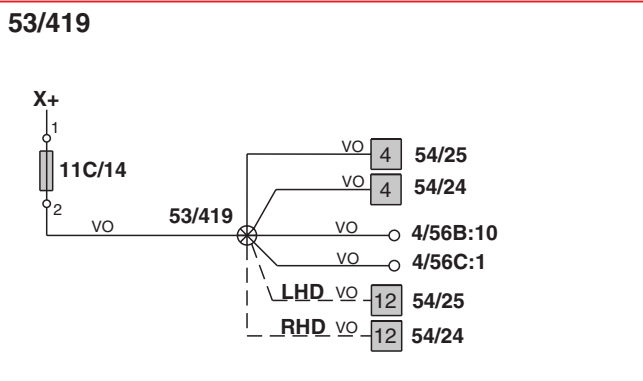
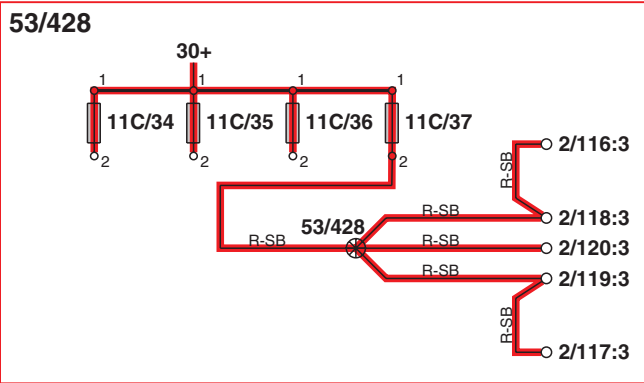
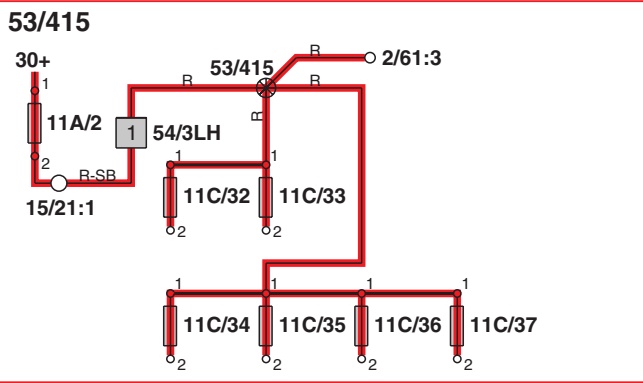
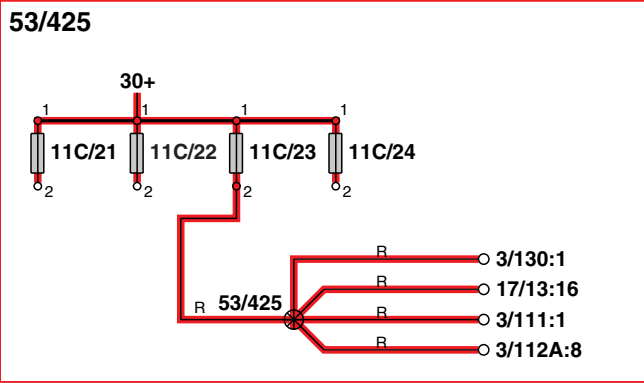
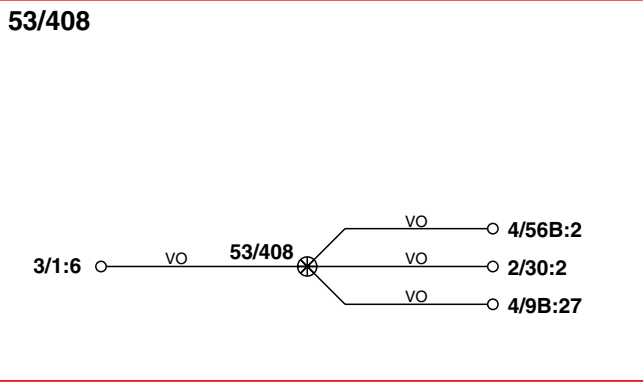
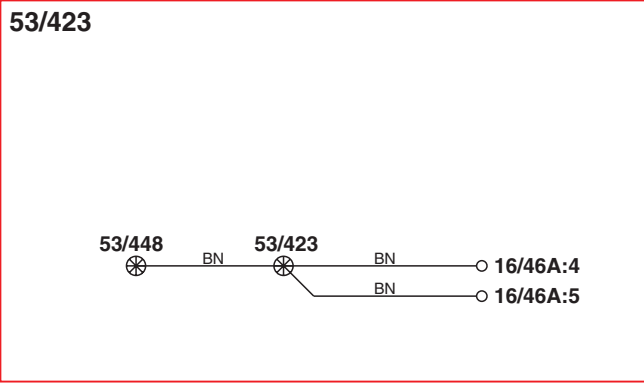
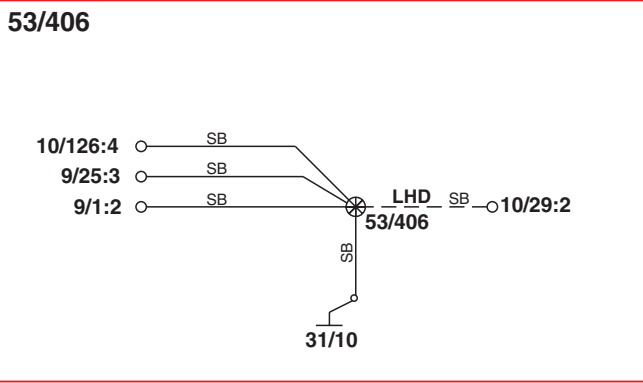


Junction points

53/379 - 53/405

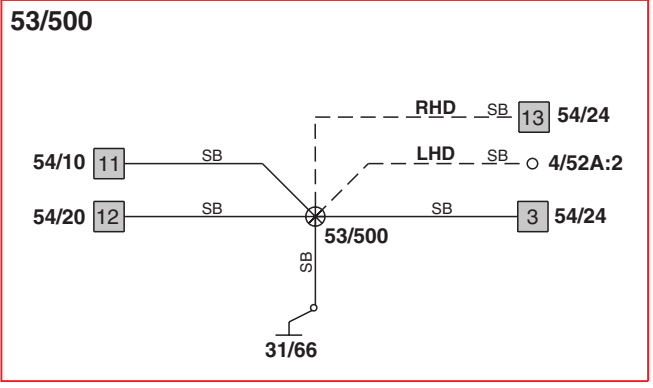
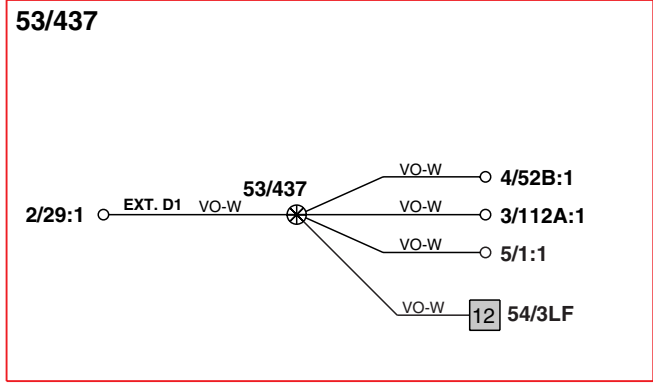
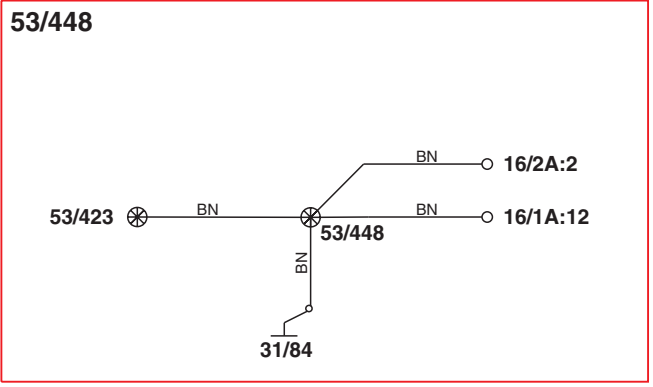
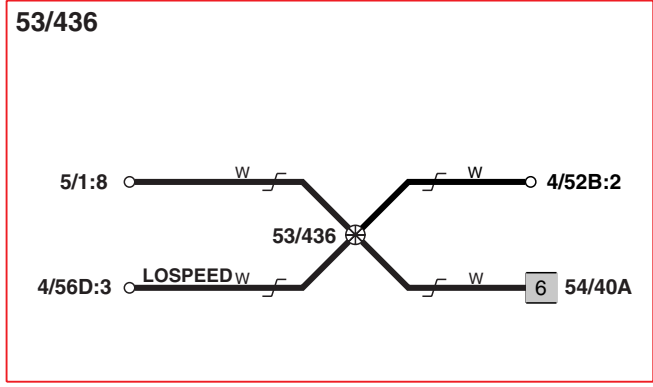
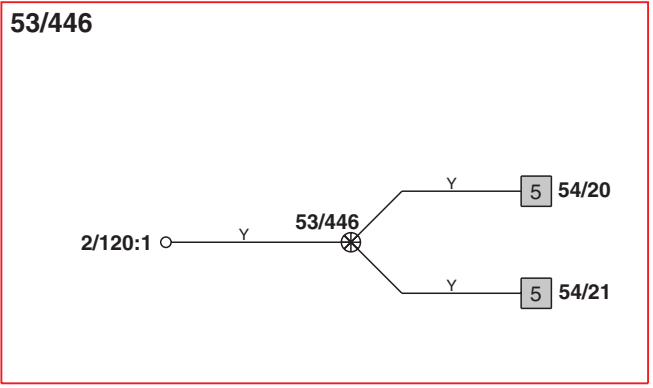
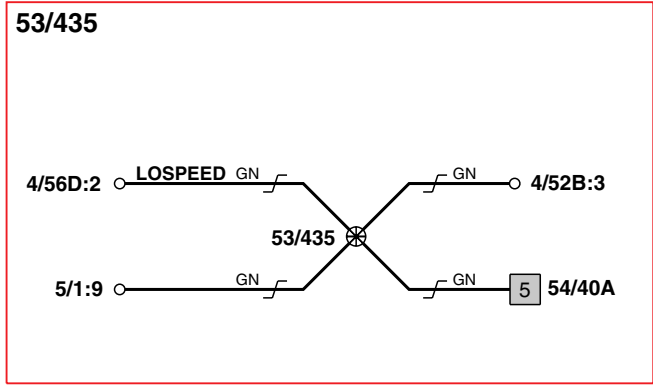
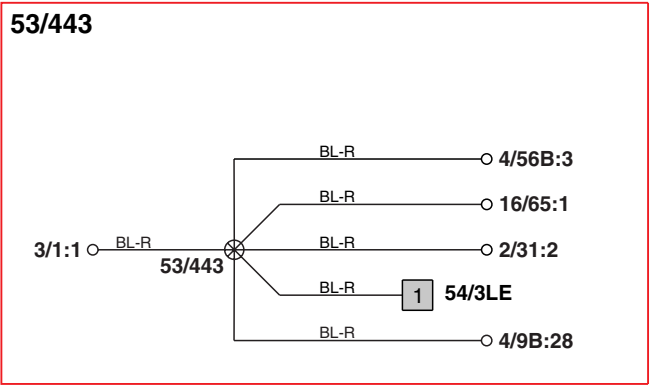
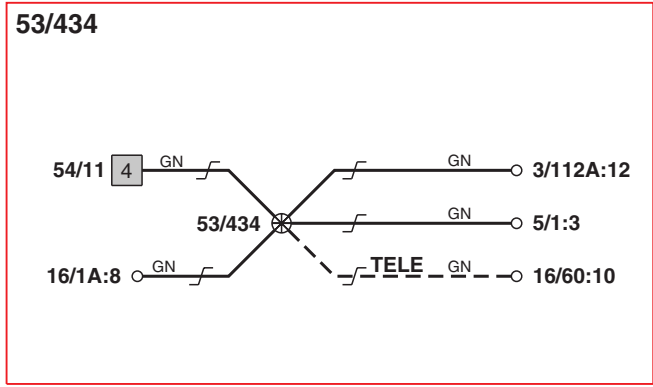
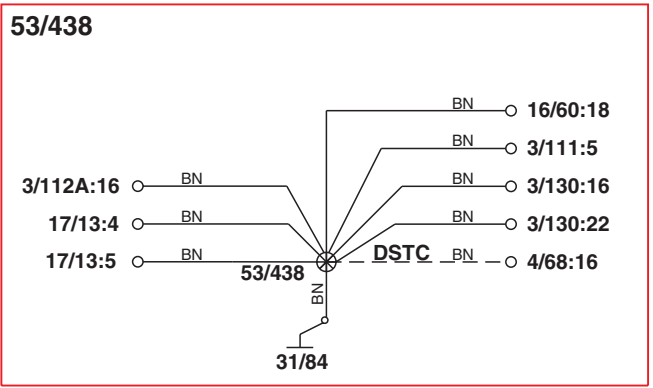
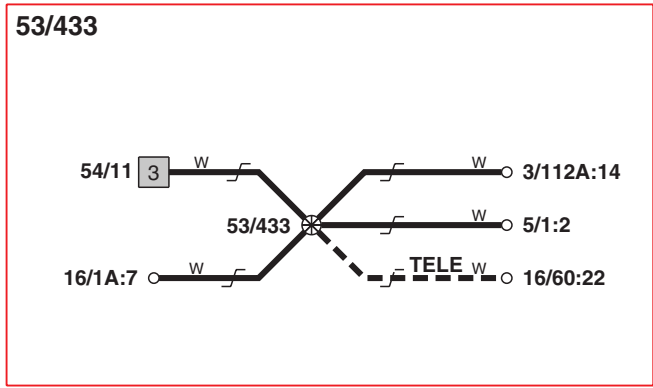


Junction points 53/406 - 53/431



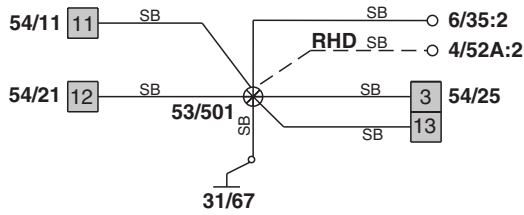
Junction points

53/433 - 53/500

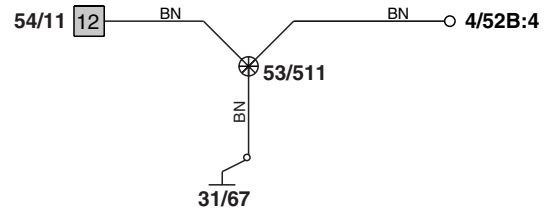


Junction points 53/501 - 53/517

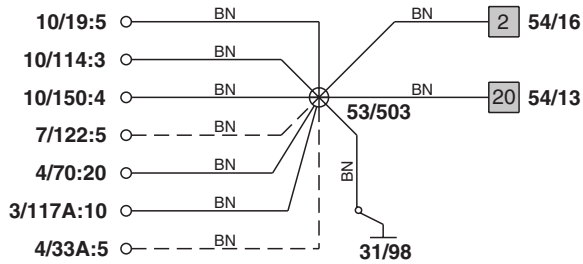
53/501



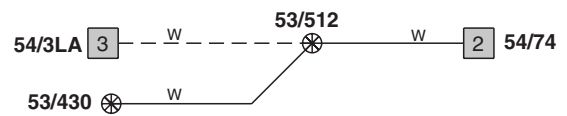
**53/511
RHD**



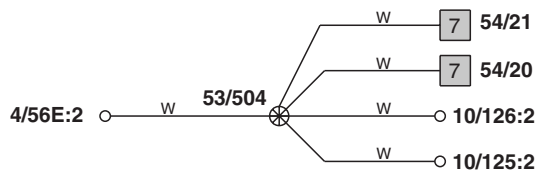
53/503



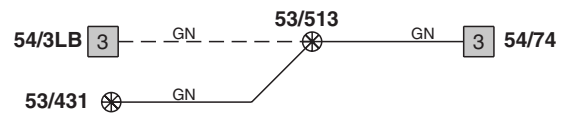
**53/512
S60 AWD**



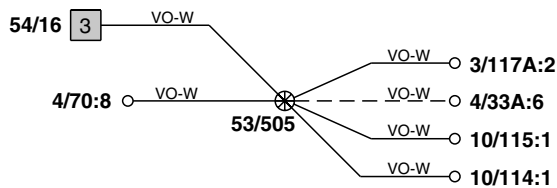
53/504



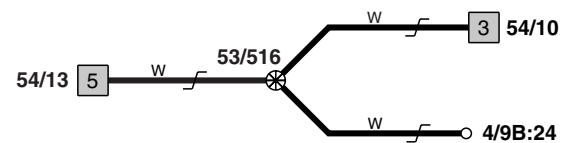
**53/513
S60 AWD**



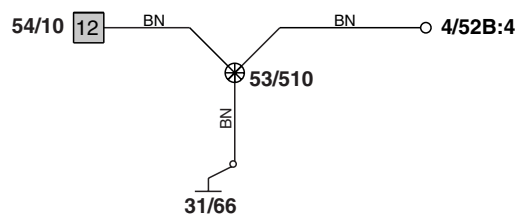
53/505



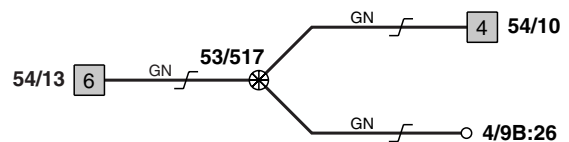
53/516



**53/510
LHD**



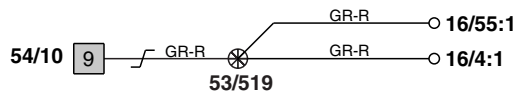
53/517



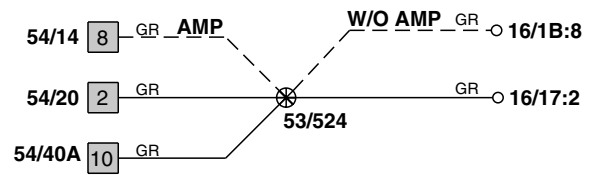
Junction points

53/519 - 53/528

53/519



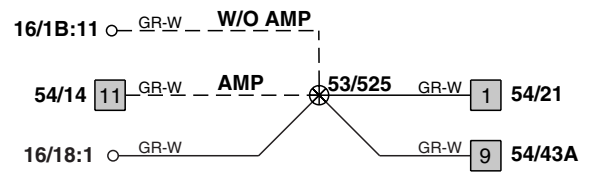
53/524



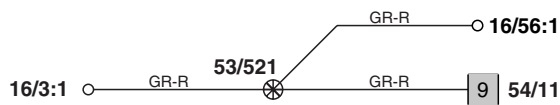
53/520



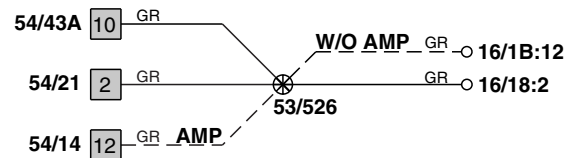
53/525



53/521



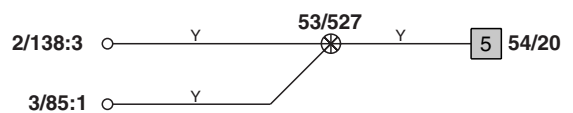
53/526



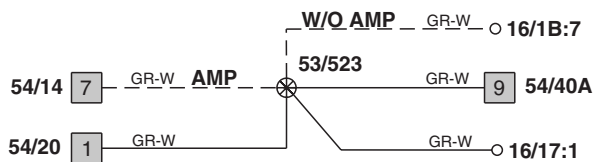
53/522



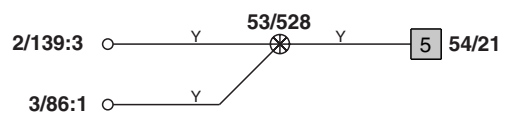
53/527



53/523

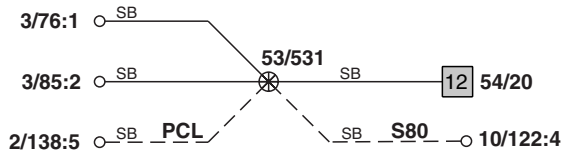


53/528

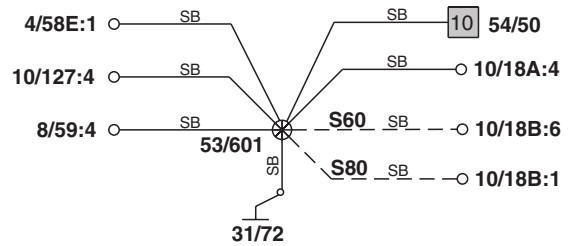


Junction points 53/531 - 53/609

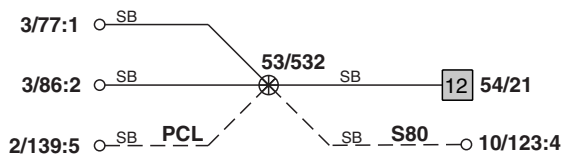
53/531



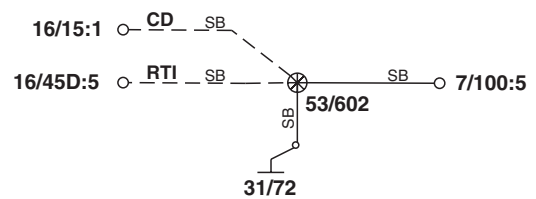
53/601



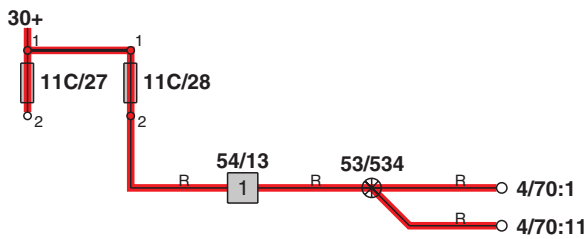
53/532



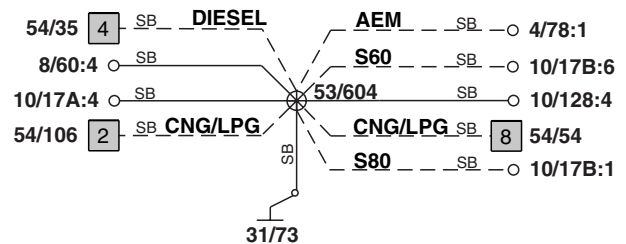
53/602



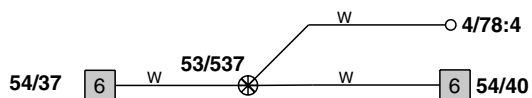
53/534



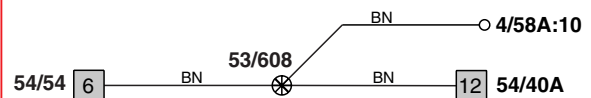
53/604



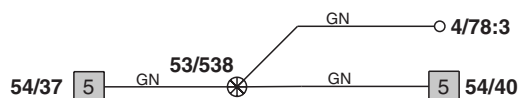
53/537
AEM



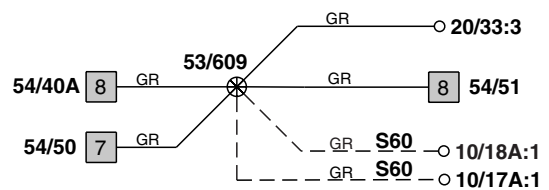
53/608
CNG/LPG



53/538
AEM



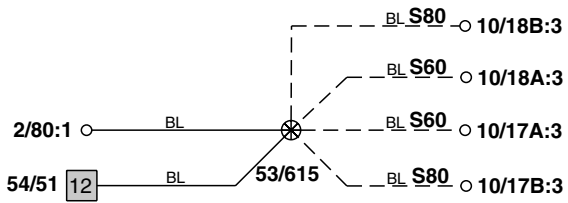
53/609



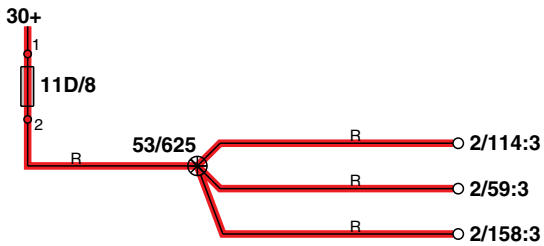
Junction points

53/615 - 53/664

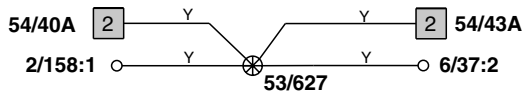
53/615



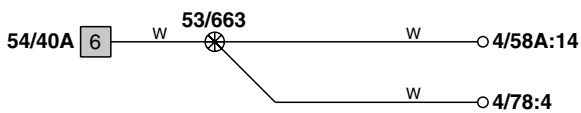
53/625



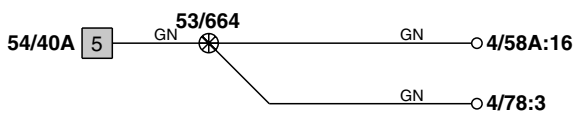
53/627



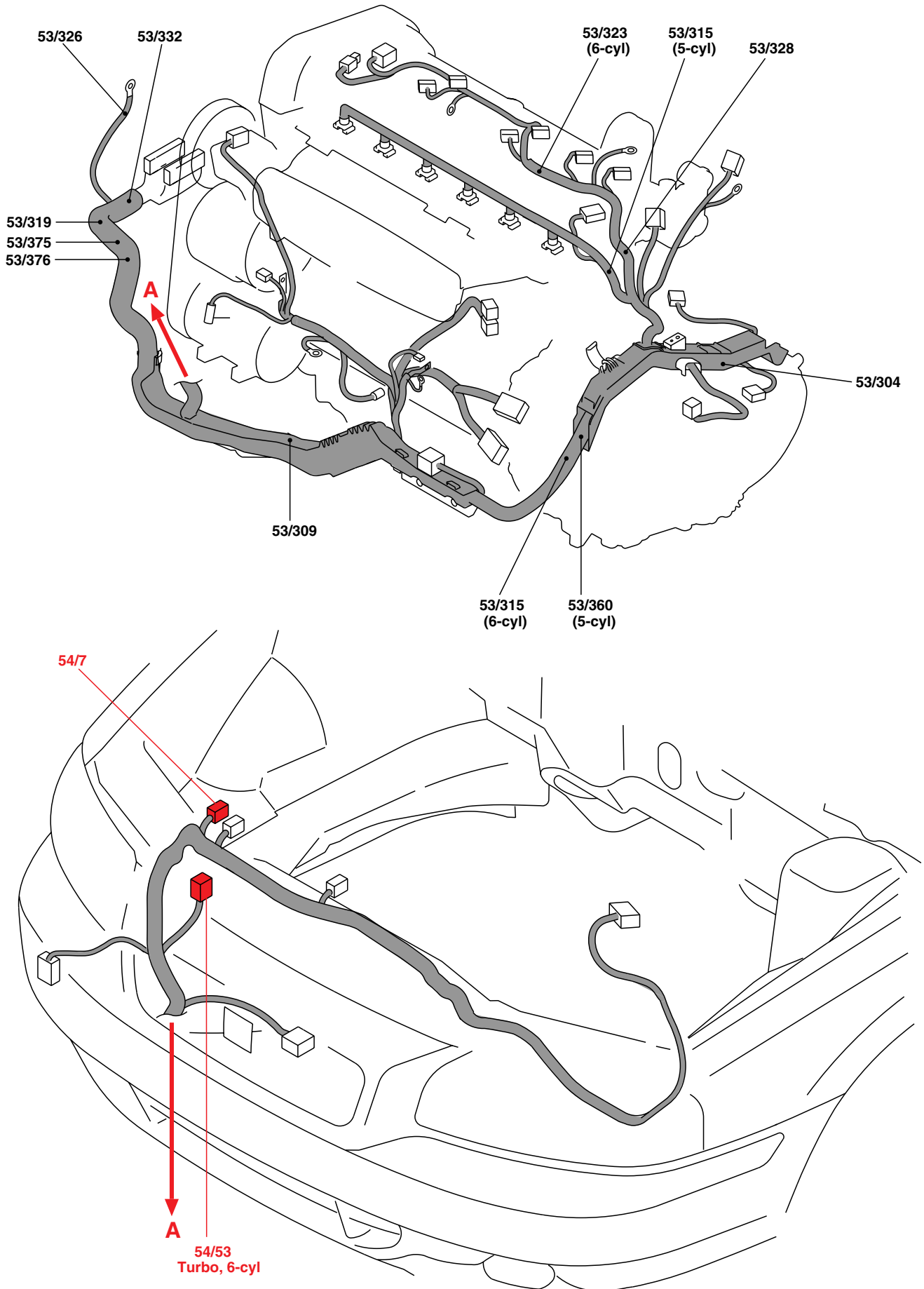
53/663 AEM



53/664 AEM

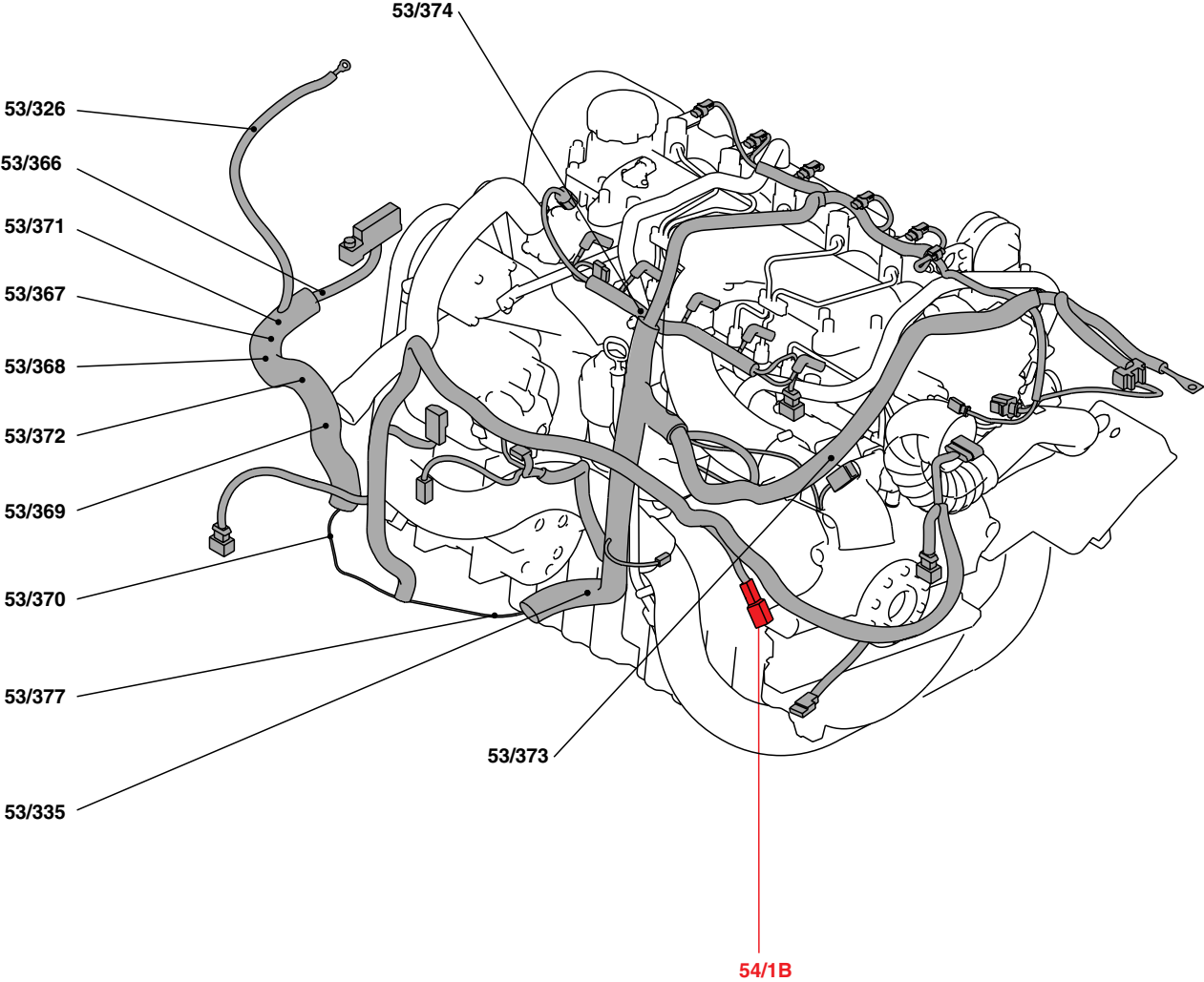


Cable harness routing in vehicle Engine harness ME7/Denso

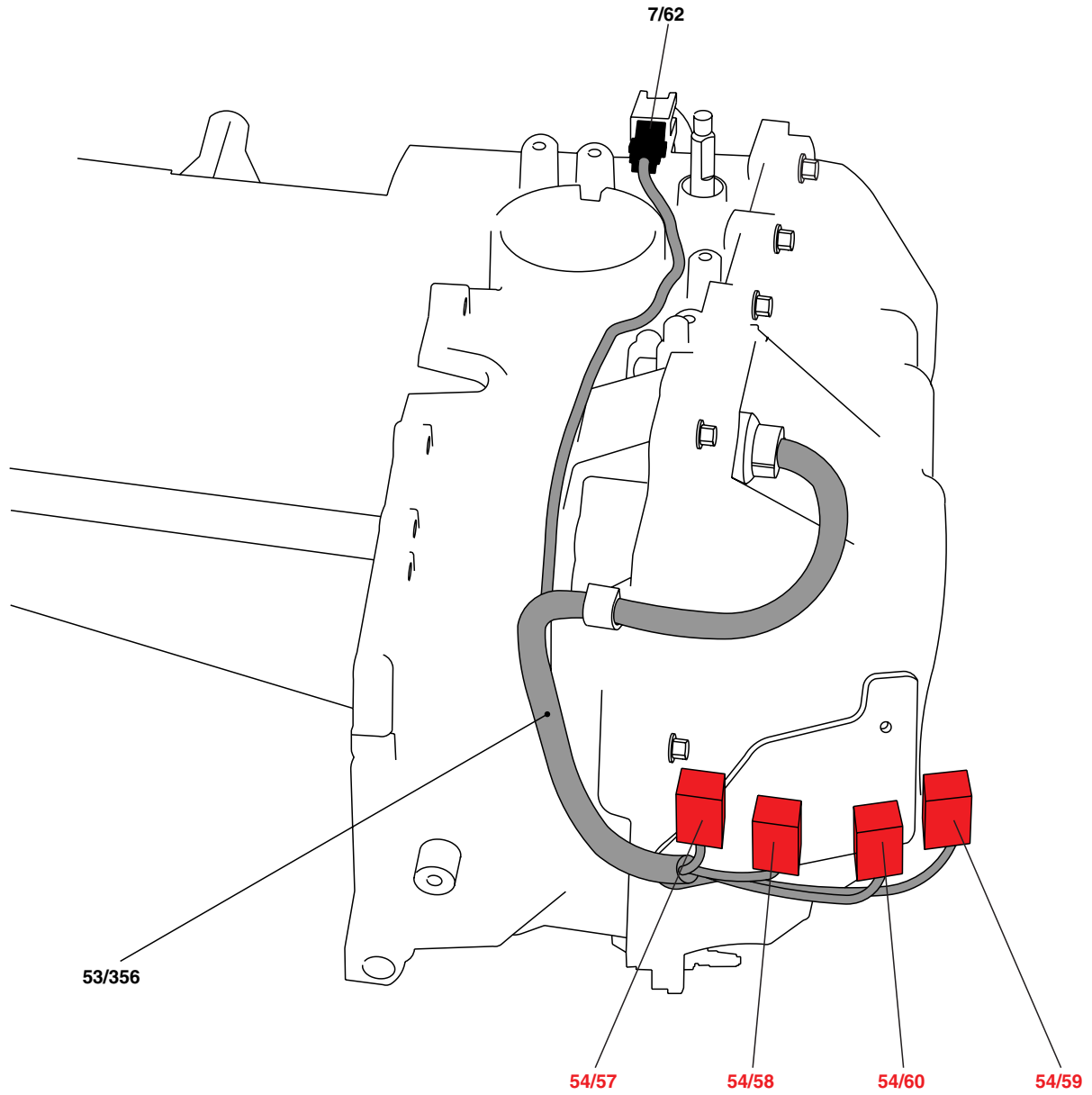


Cable harness routing in vehicle

Engine harness Diesel

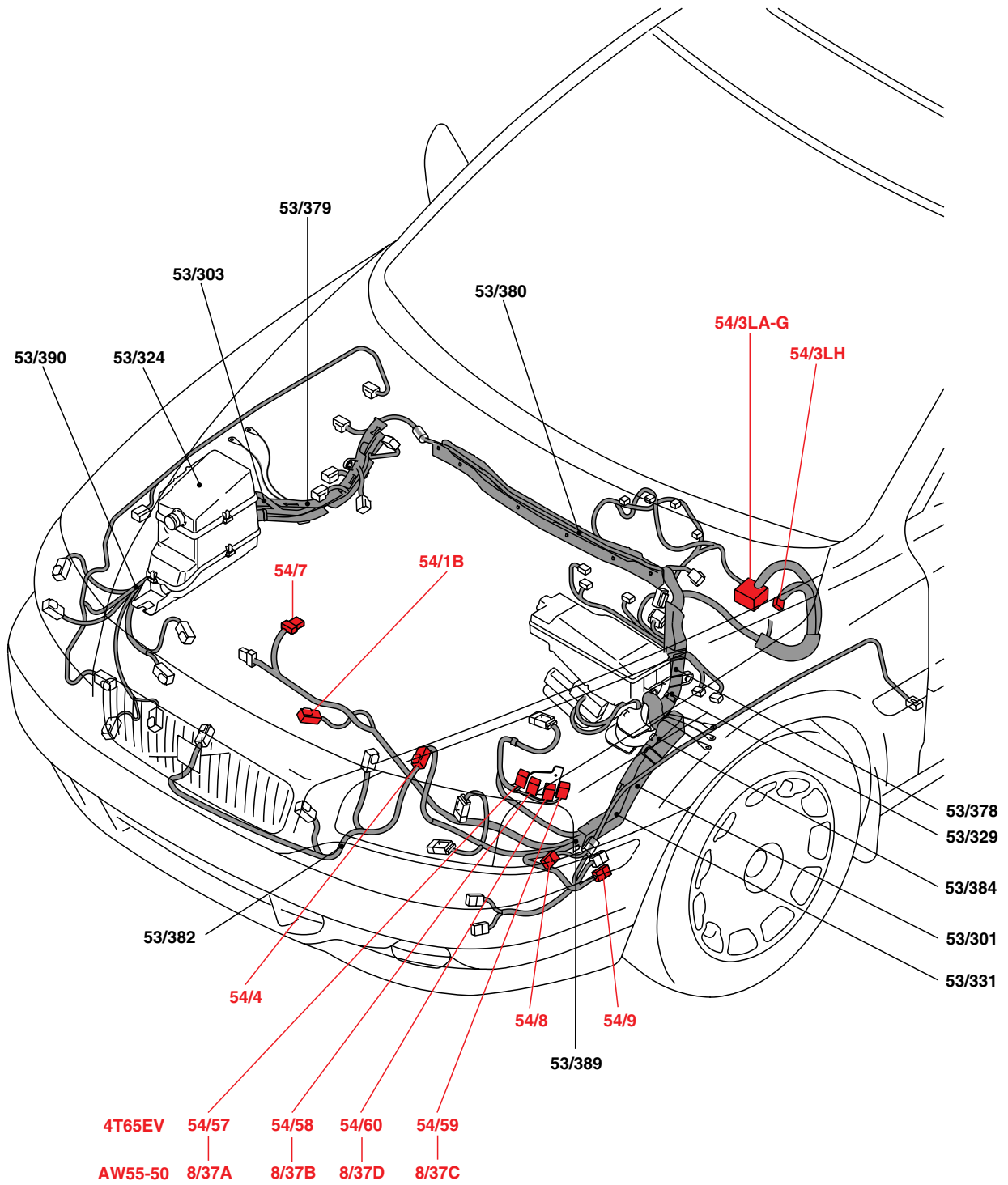


Cable harness routing in vehicle Transmission harness 4T65EV

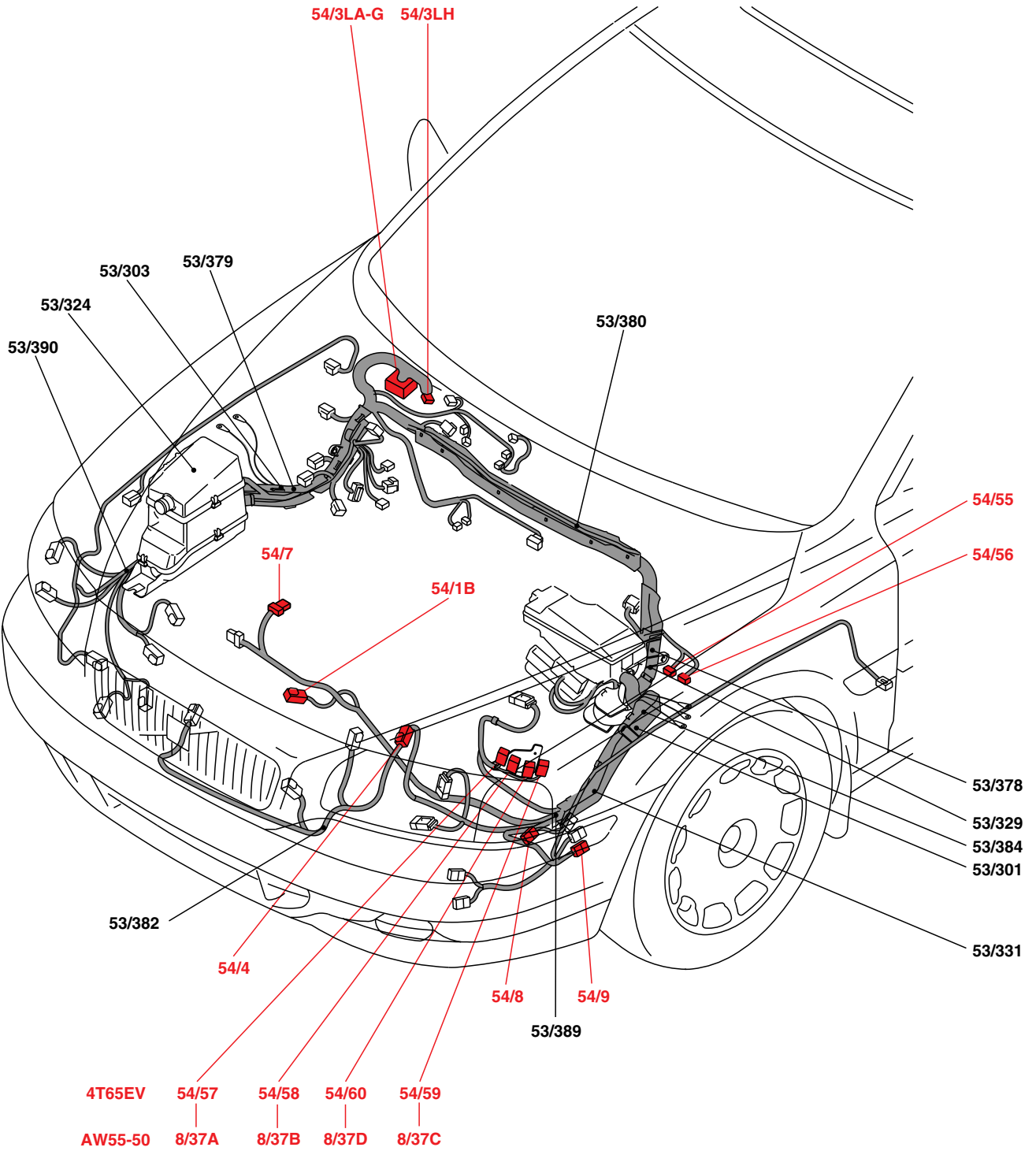


Cable harness routing in vehicle

Front engine compartment harness LHD

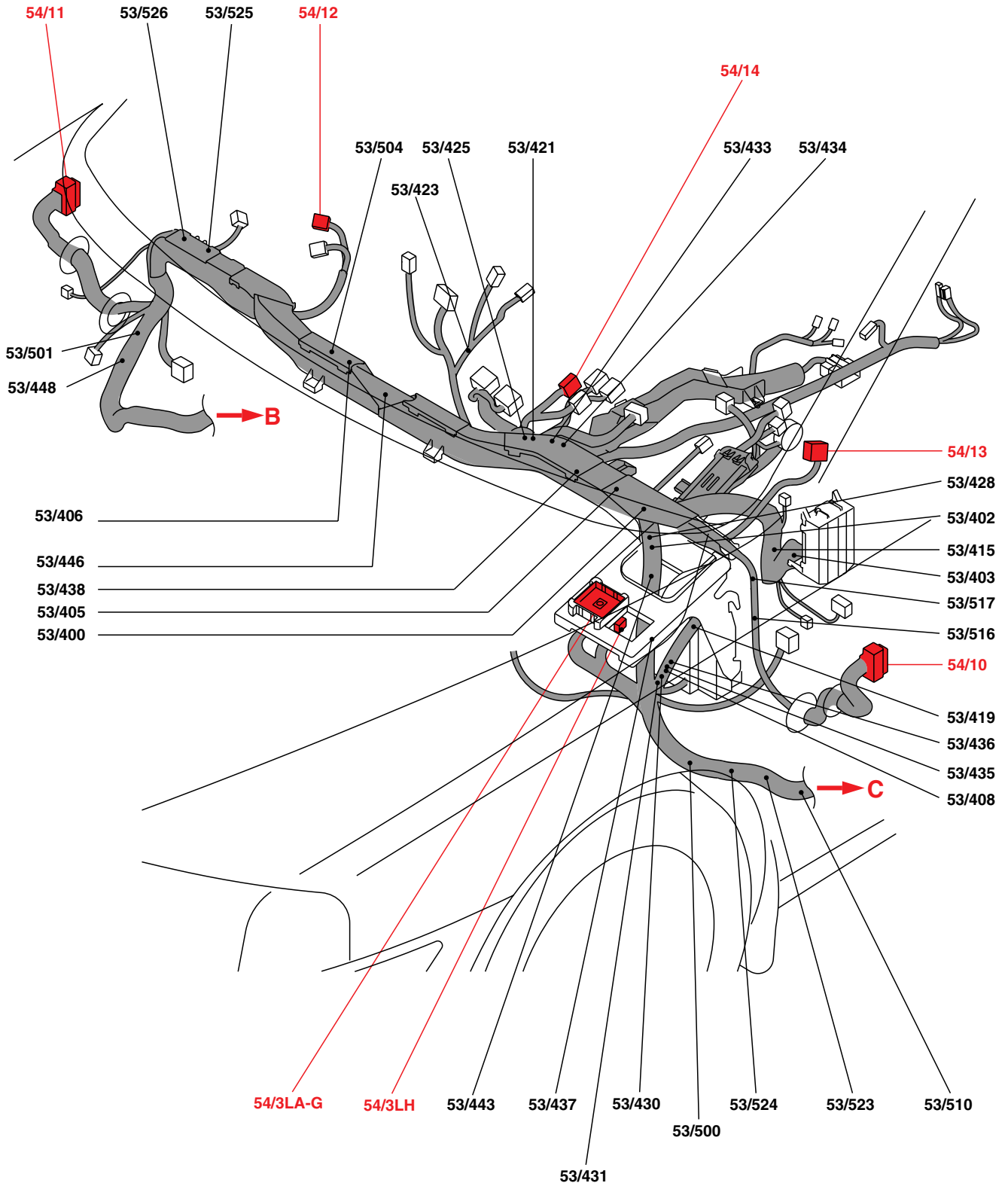


Cable harness routing in vehicle Front engine compartment harness RHD

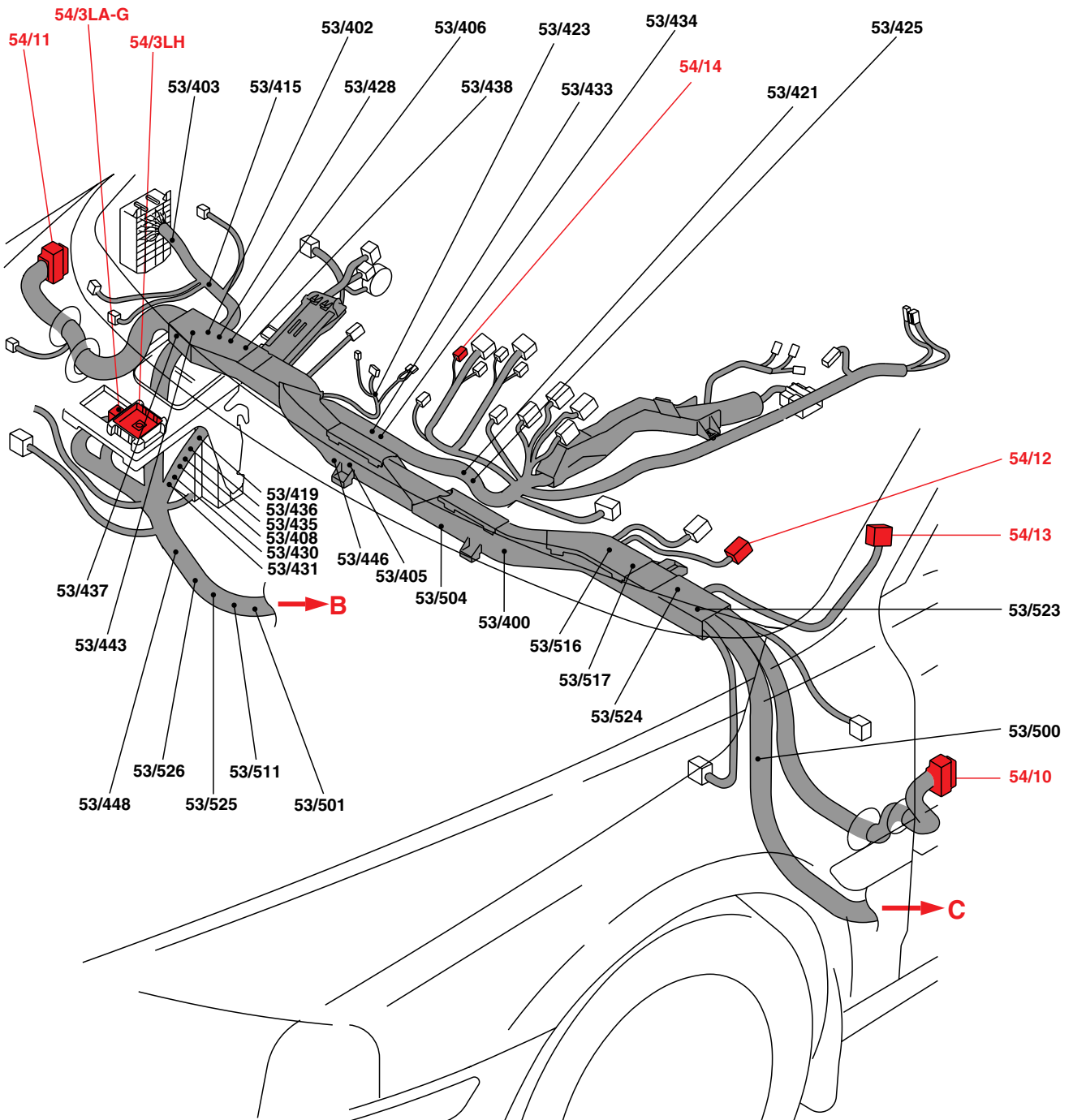


Cable harness routing in vehicle

Front passenger compartment harness LHD

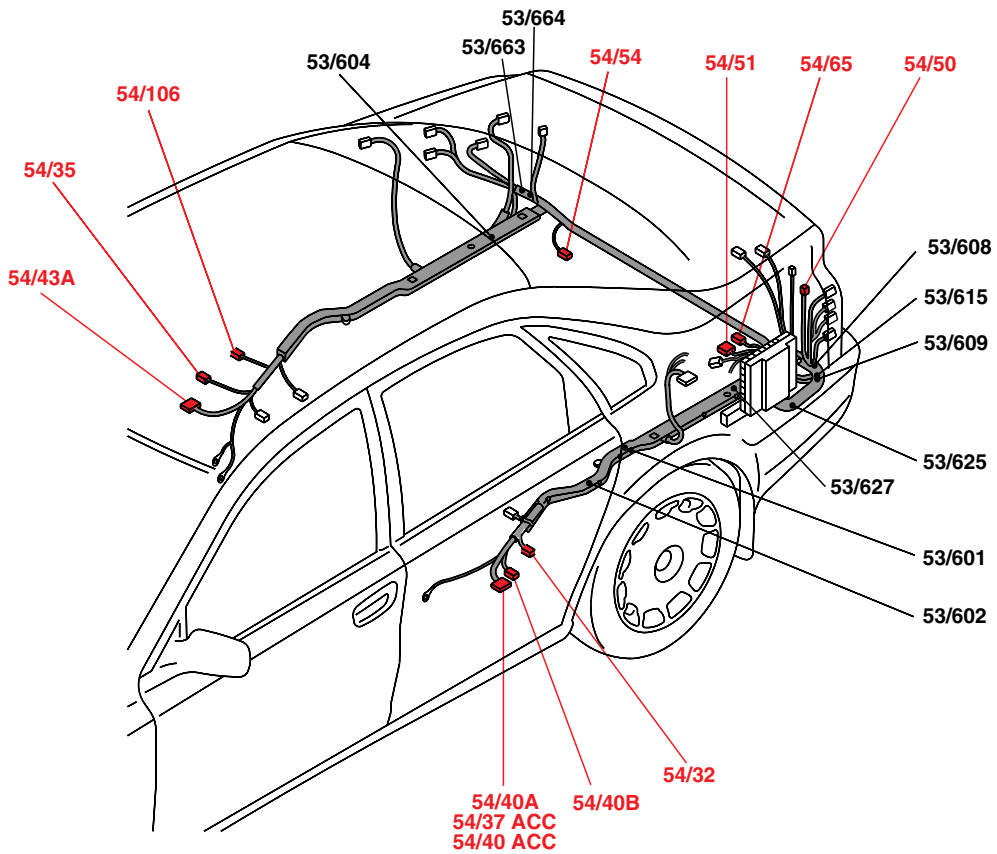
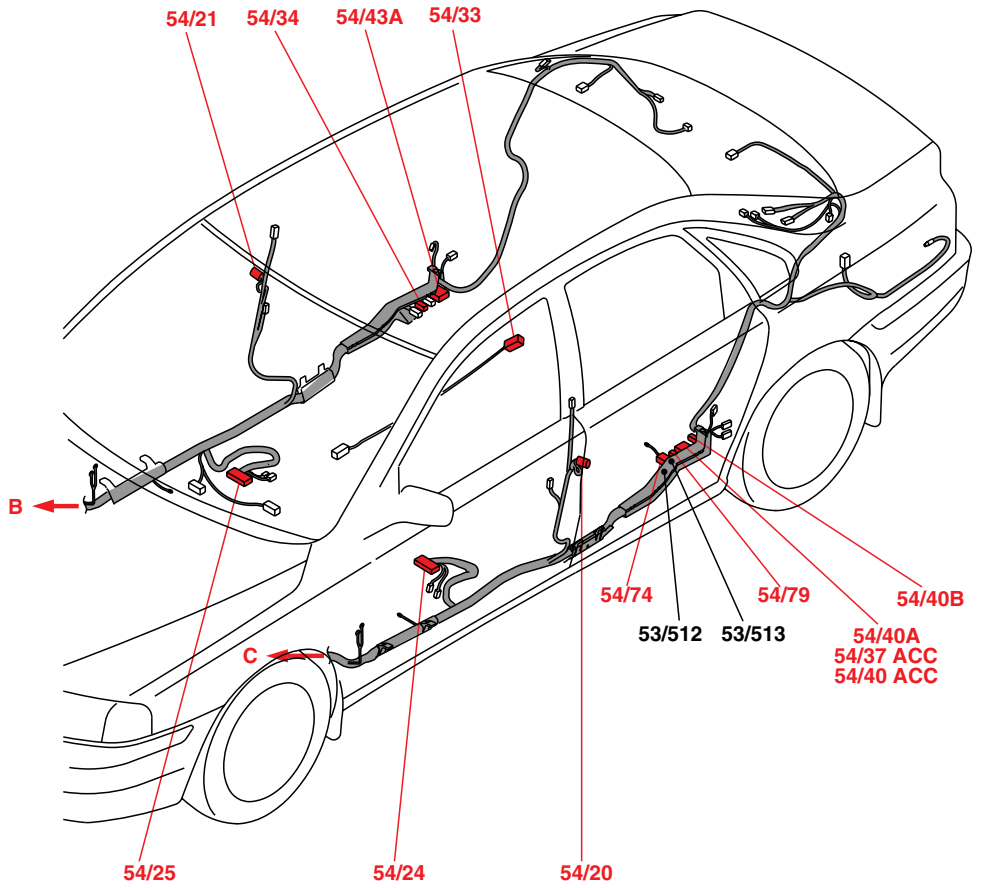


Cable harness routing in vehicle Front passenger compartment harness RHD

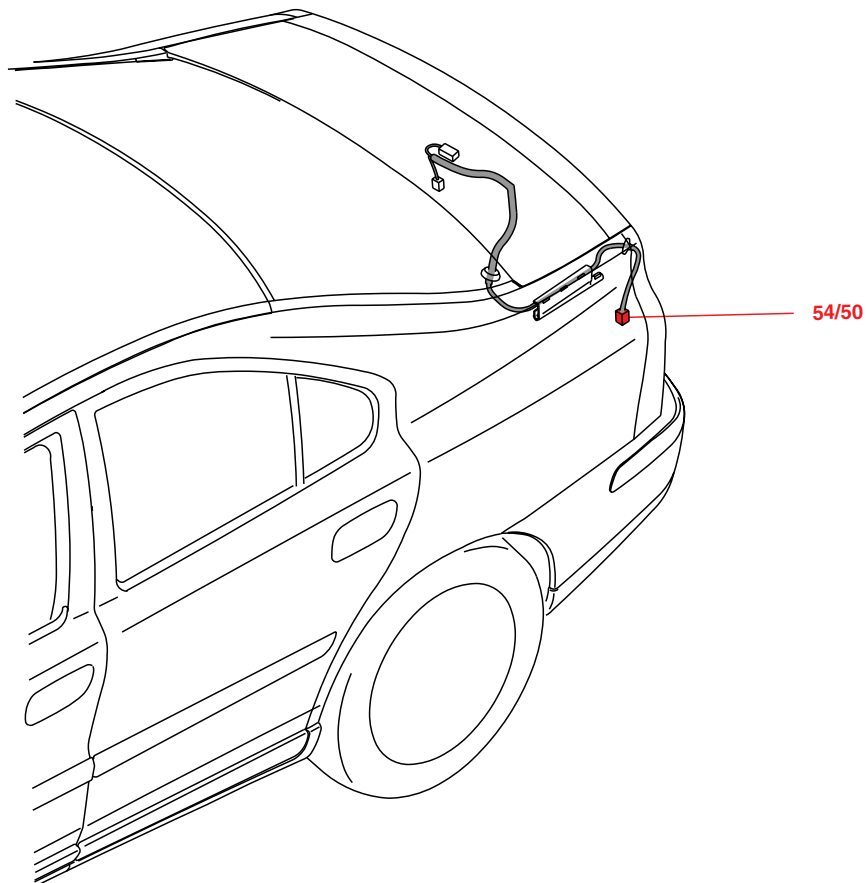
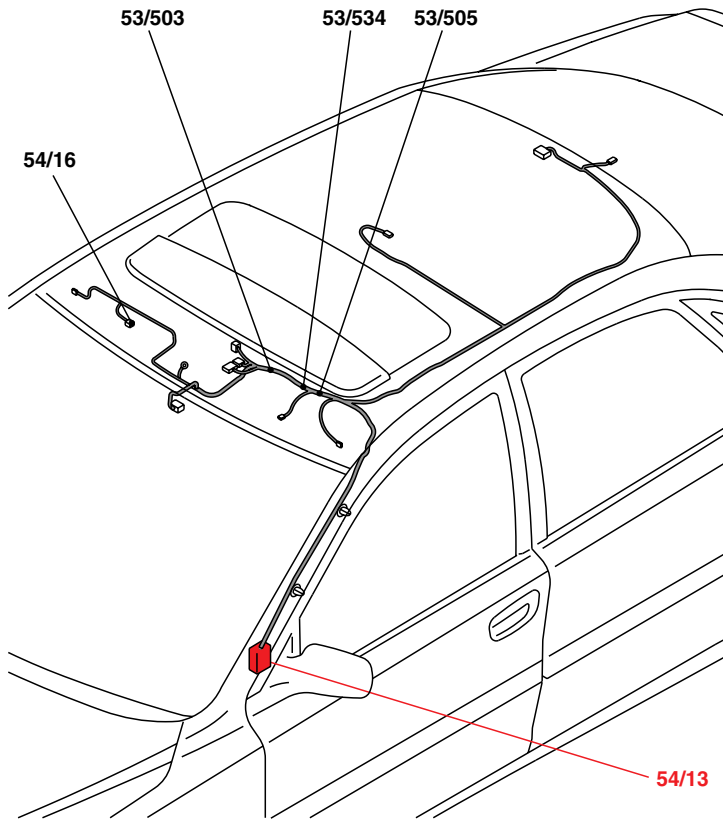


Cable harness routing in vehicle

Rear passenger compartment harness & Cargo compartment harness, tunnel

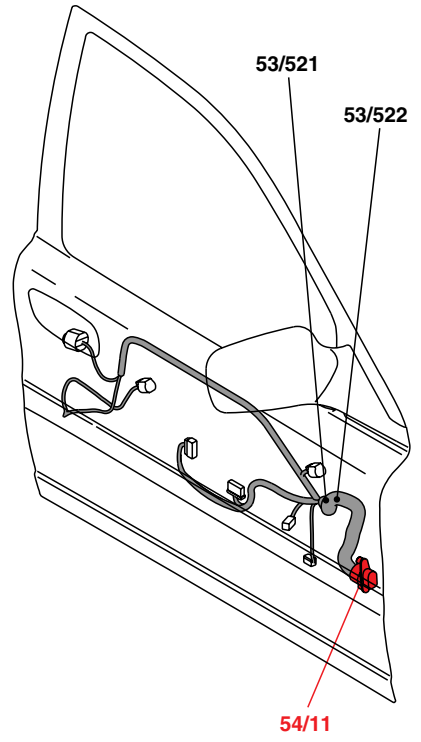
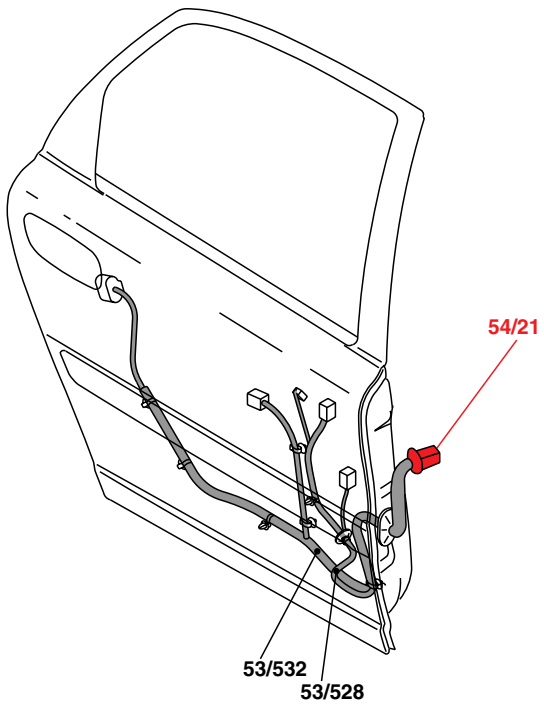
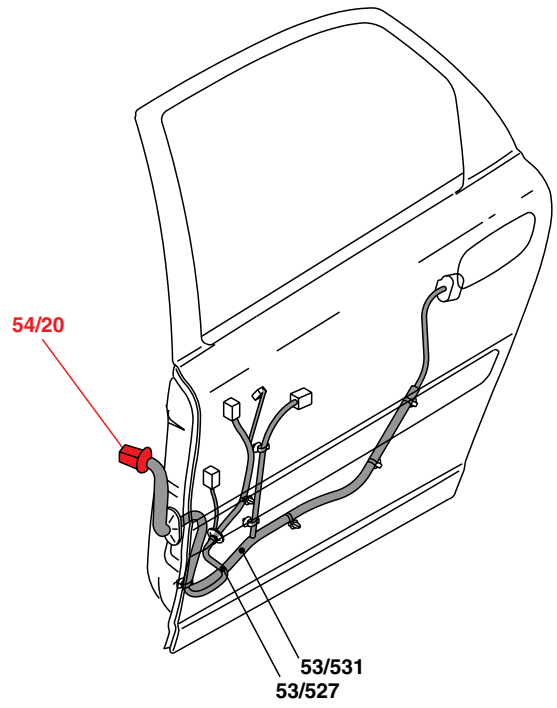
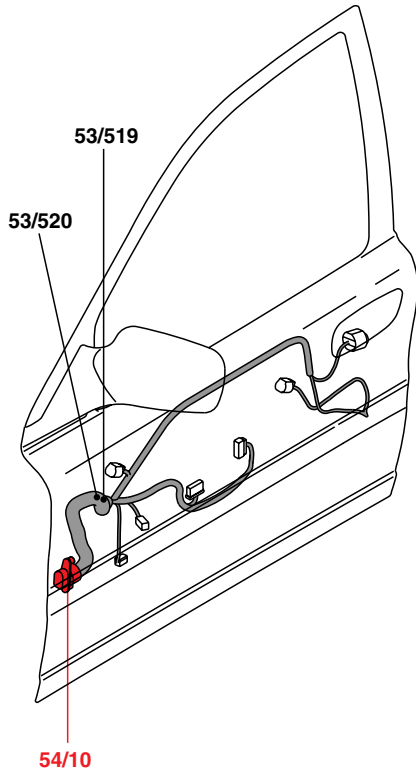


Cable harness routing in vehicle Roof harness & Trunk lid/tailgate harness

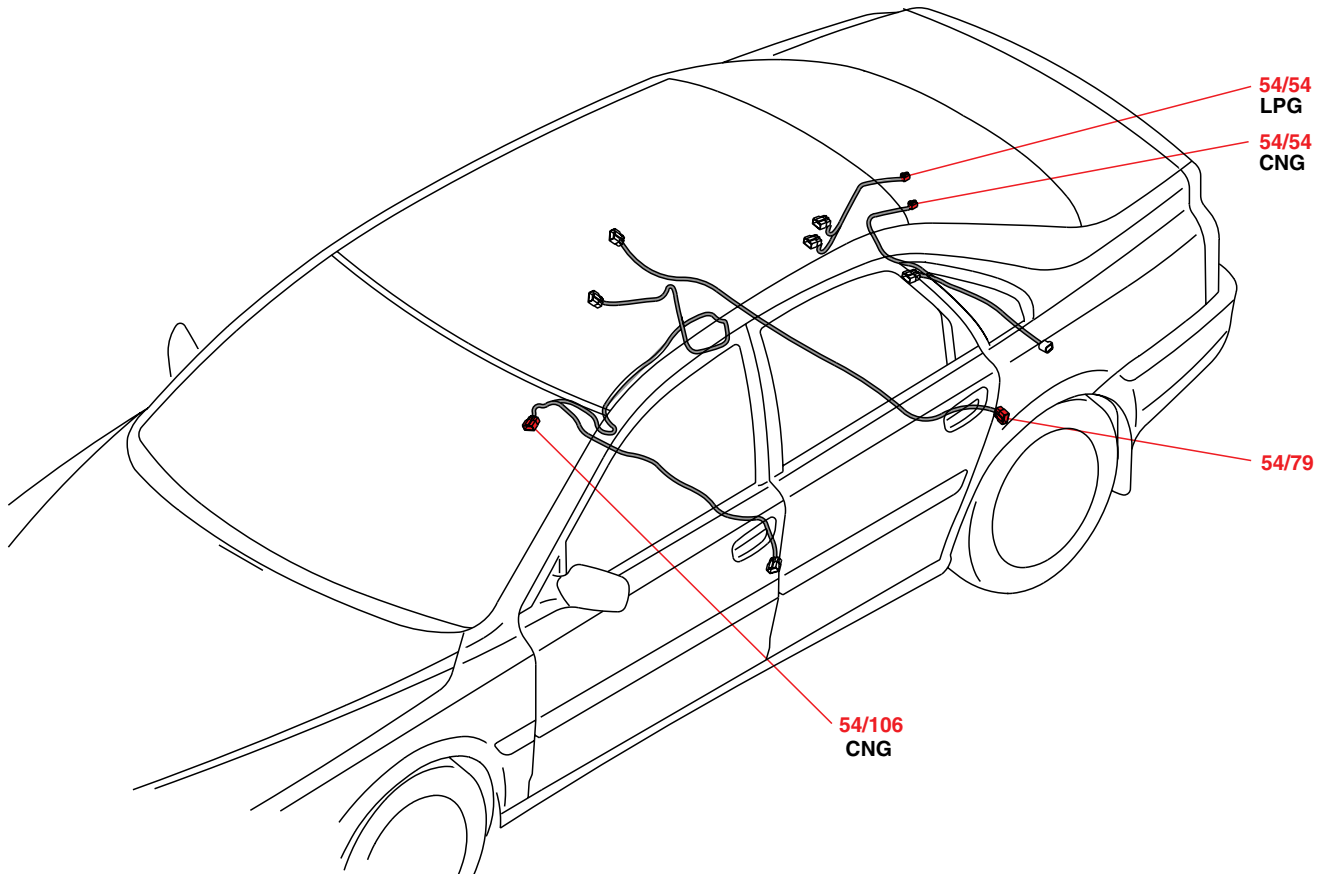


Cable harness routing in vehicle

Door harness

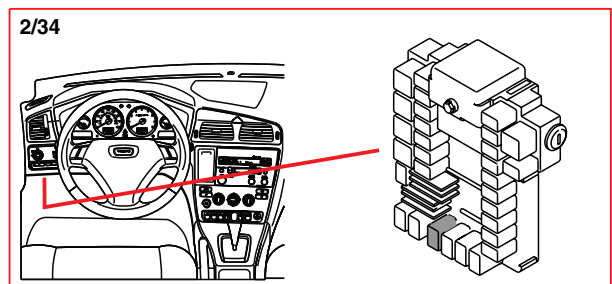
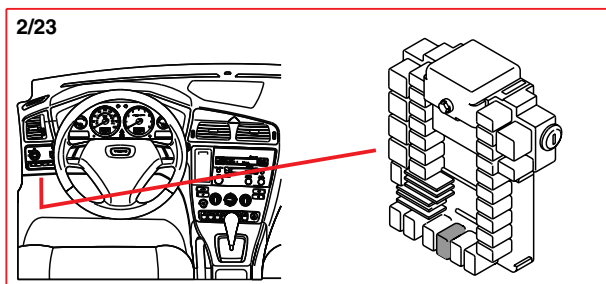
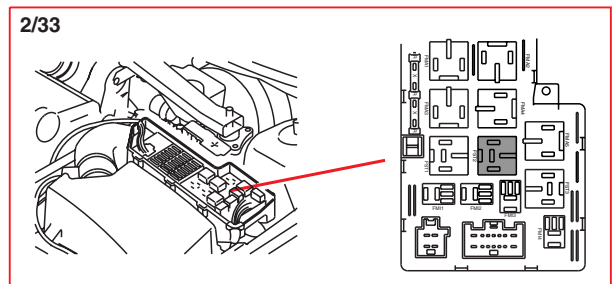
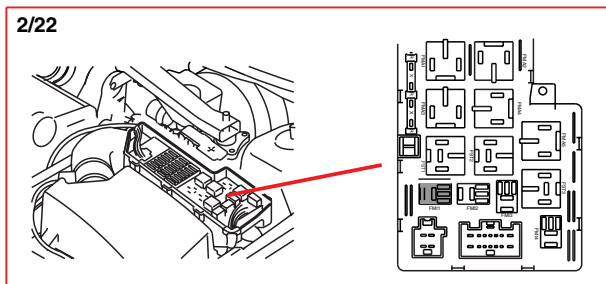
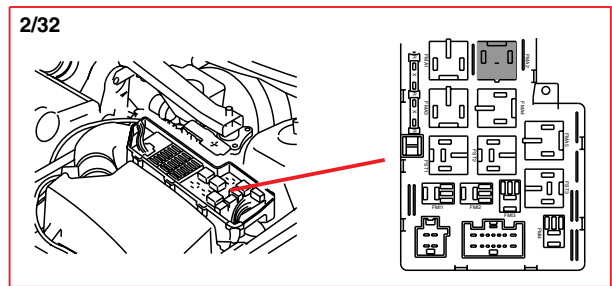
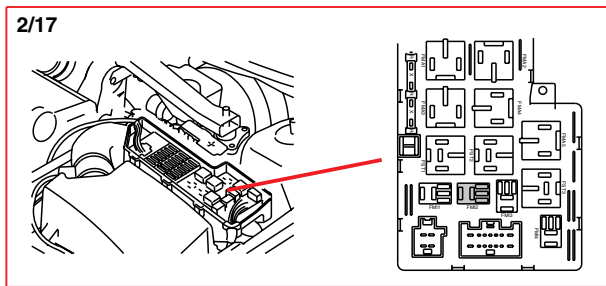
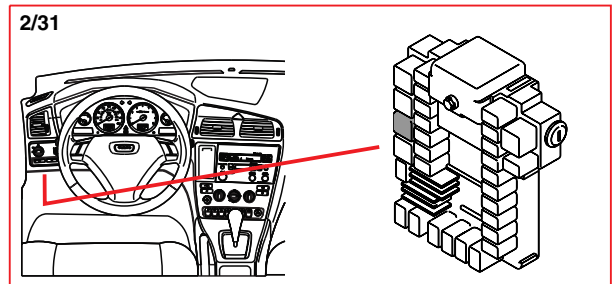
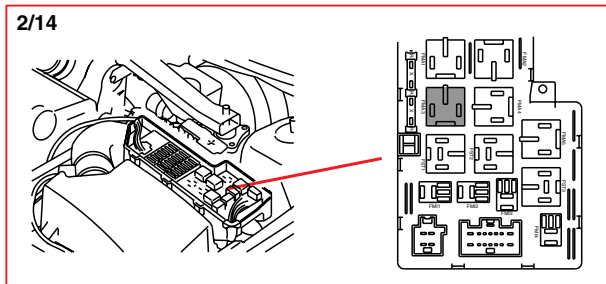
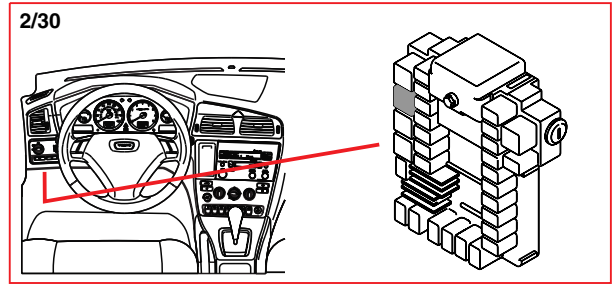
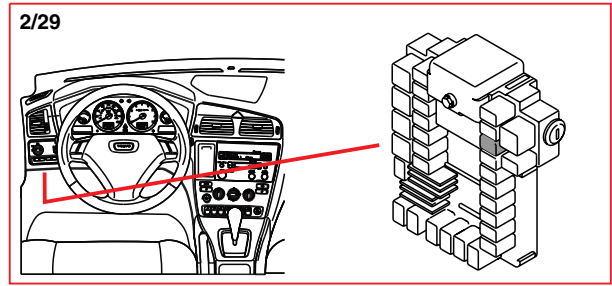
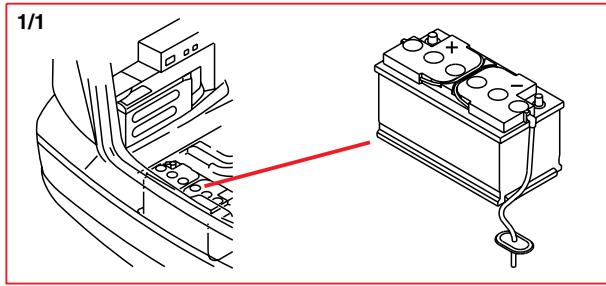


Cable harness routing in vehicle Bifuel harness



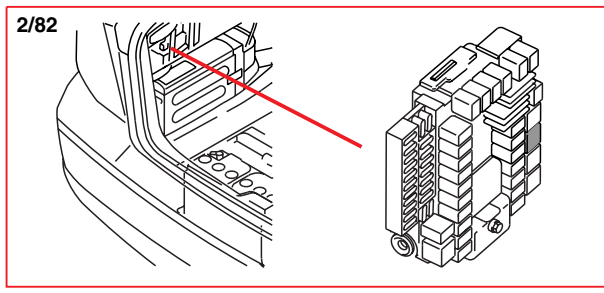
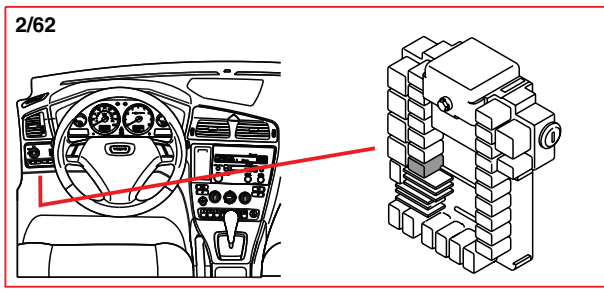
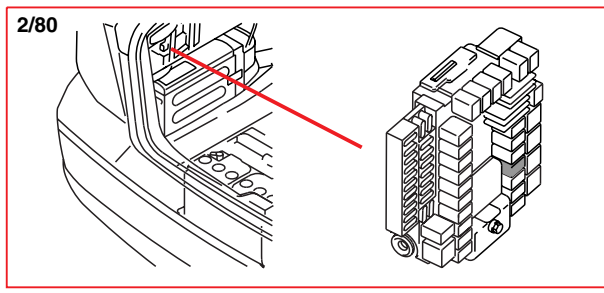
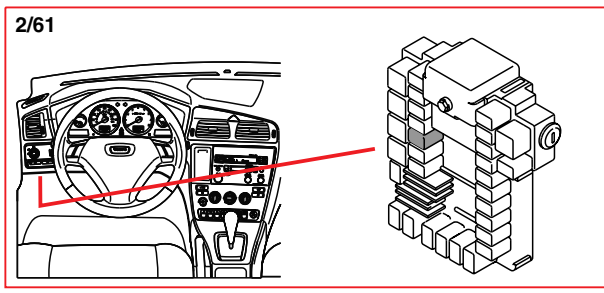
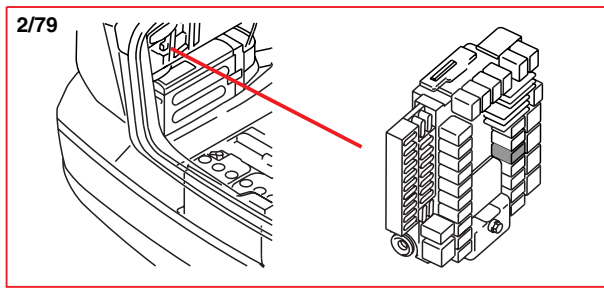
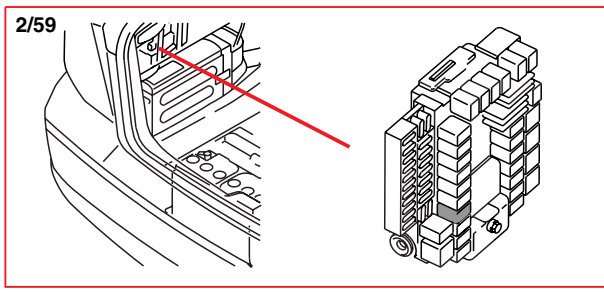
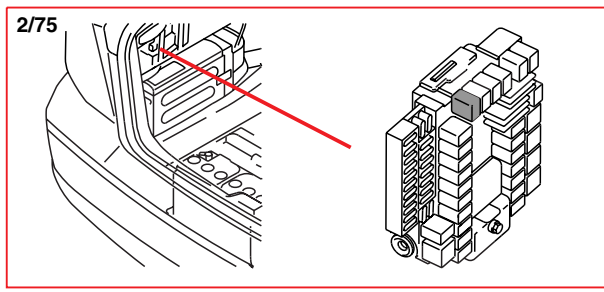
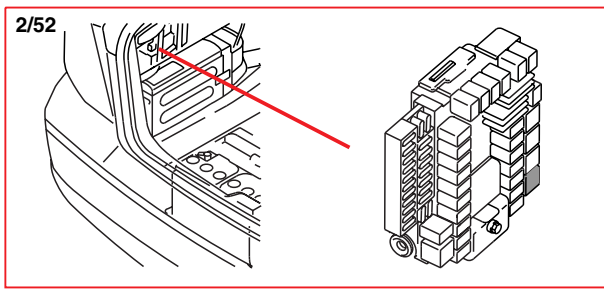
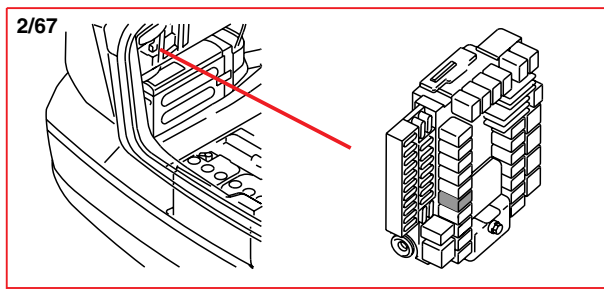
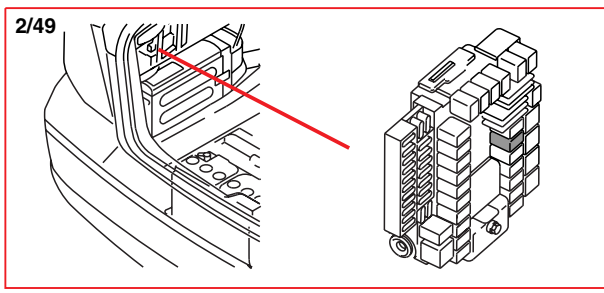
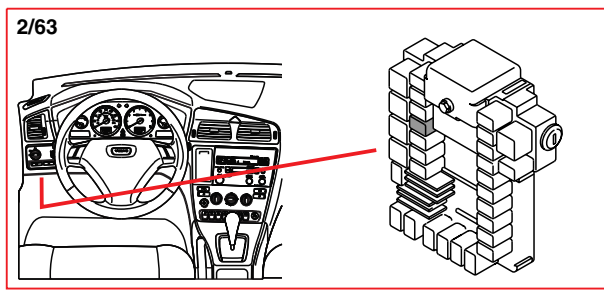
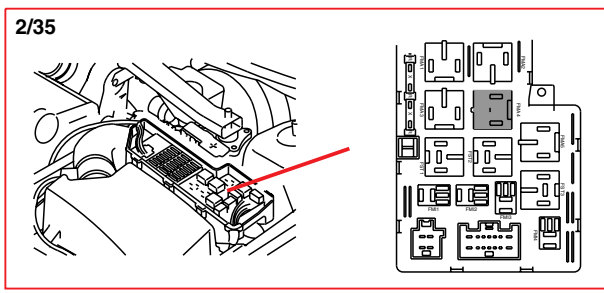
Component illustrations

1/1 - 2/34



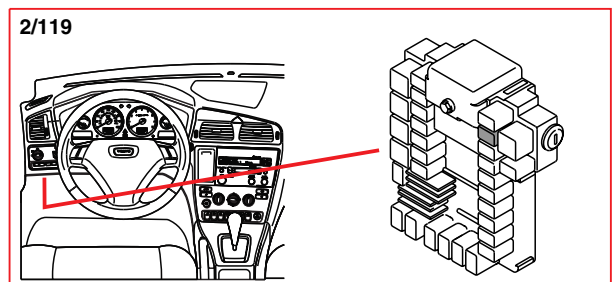
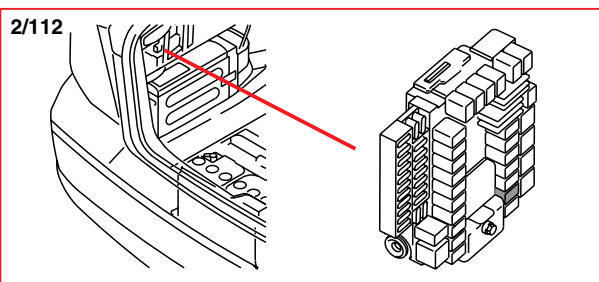
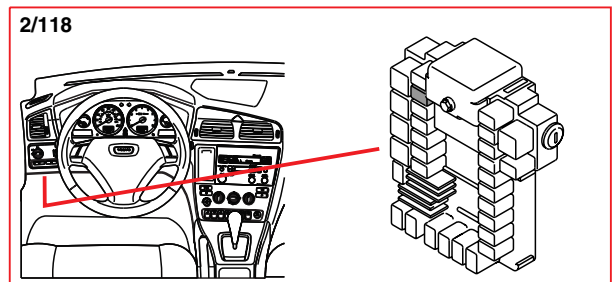
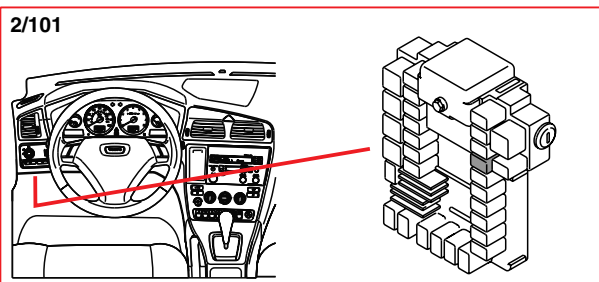
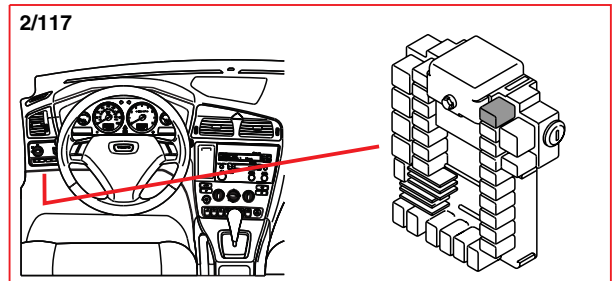
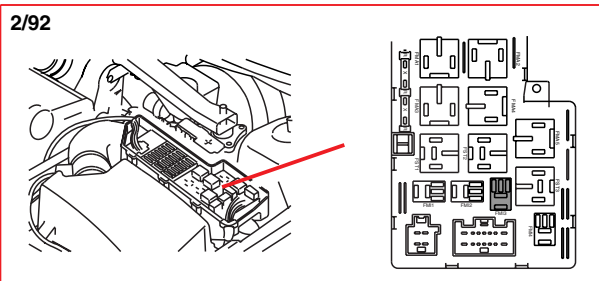
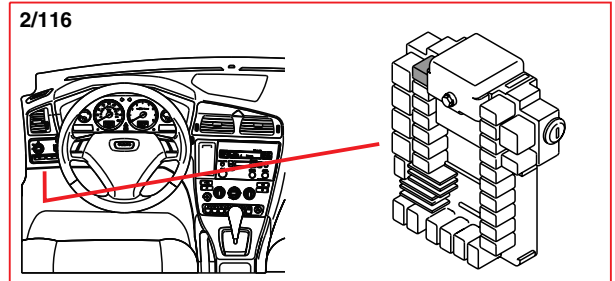
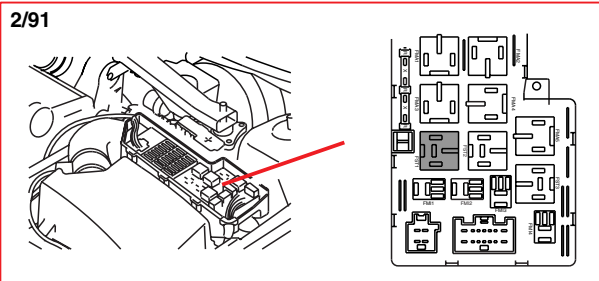
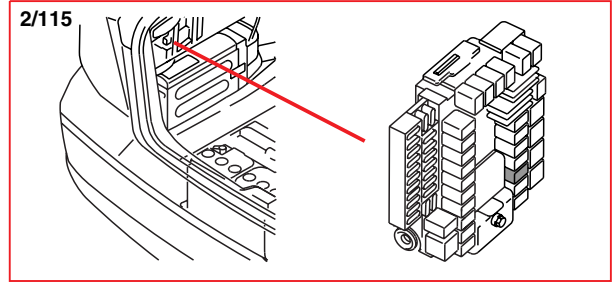
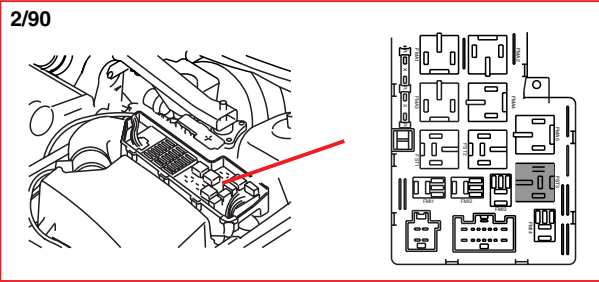
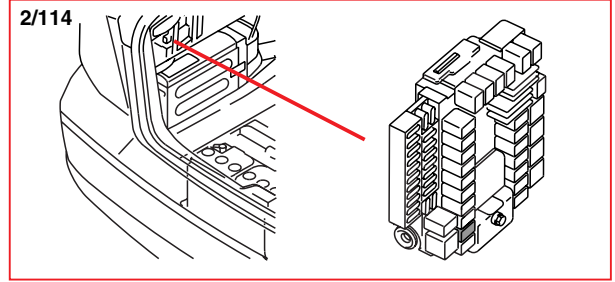
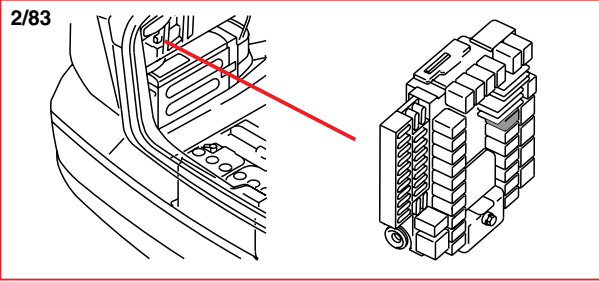
Component illustrations

2/35 - 2/82



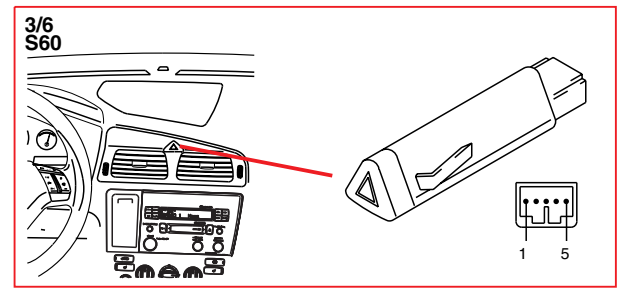
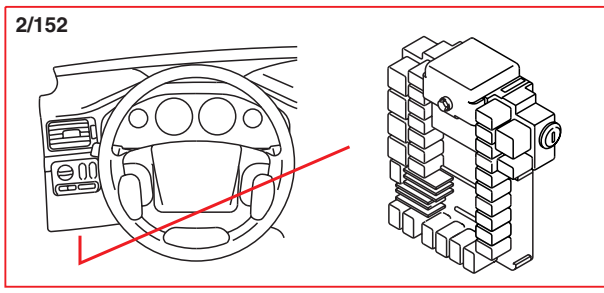
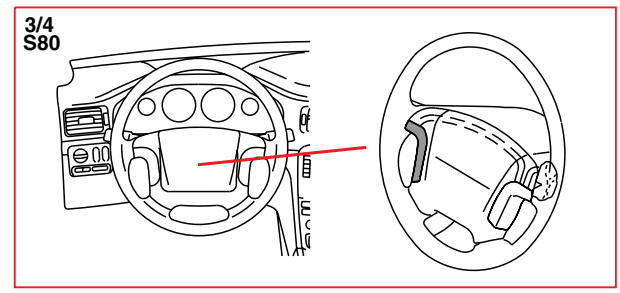
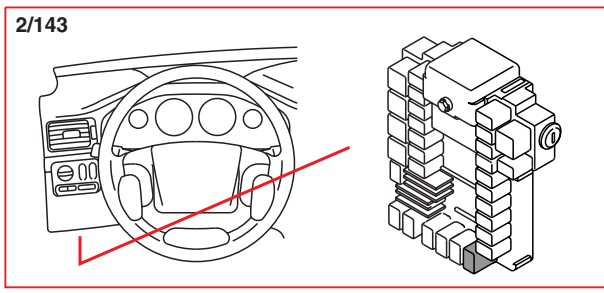
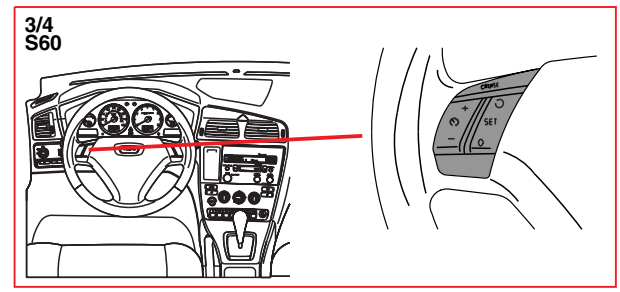
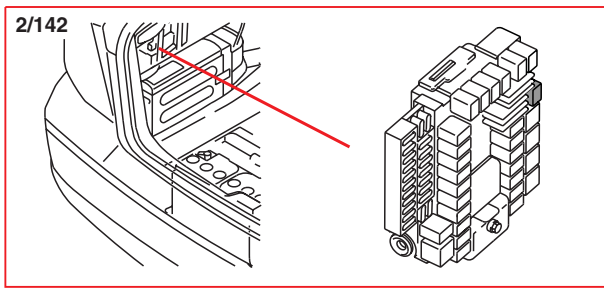
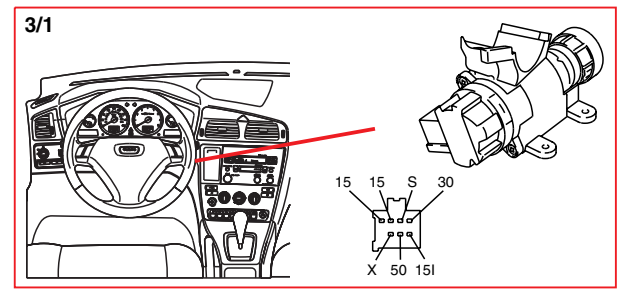
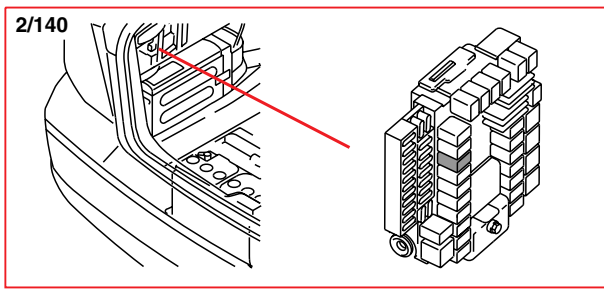
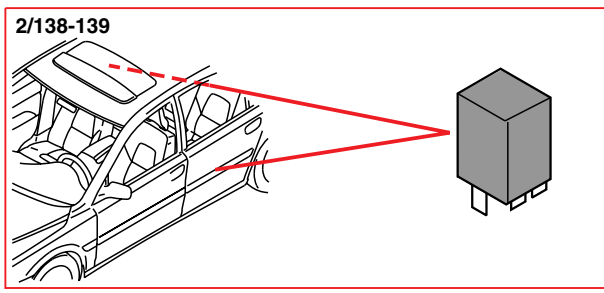
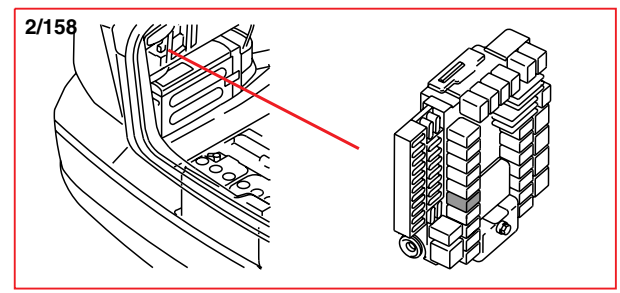
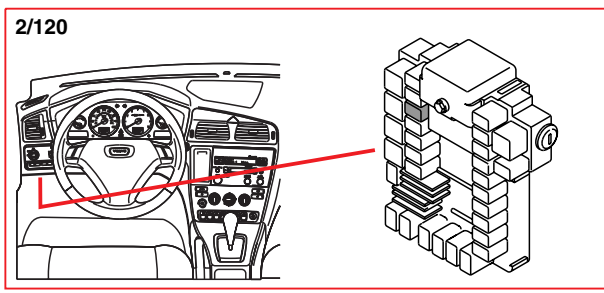
Component illustrations

2/83 - 2/119



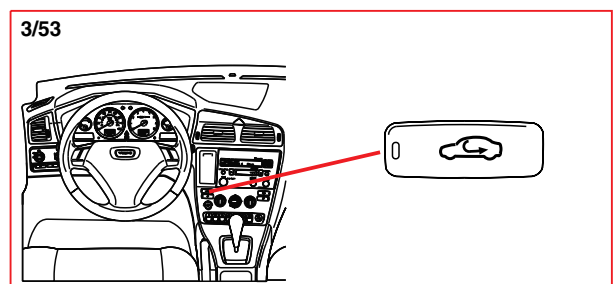
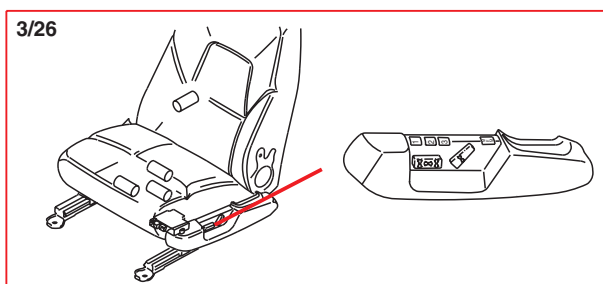
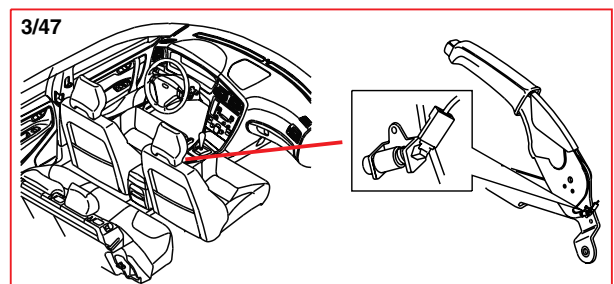
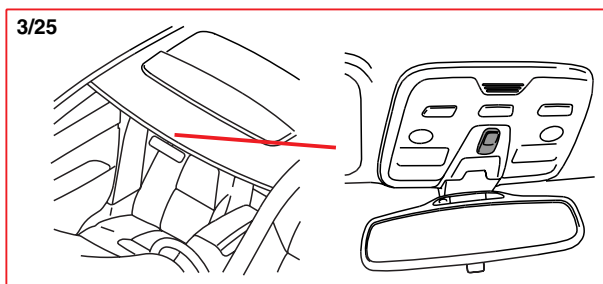
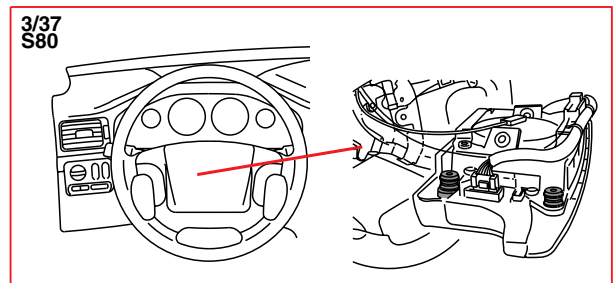
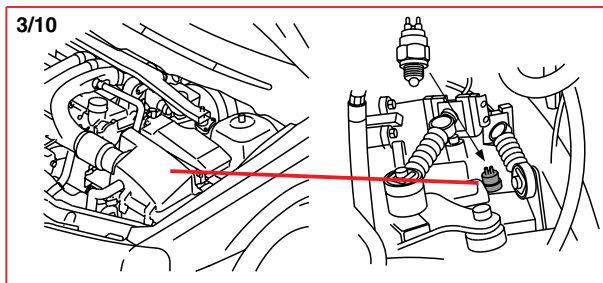
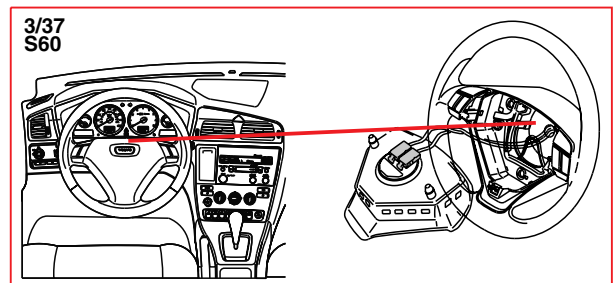
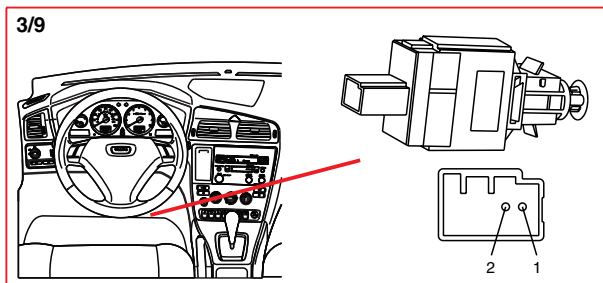
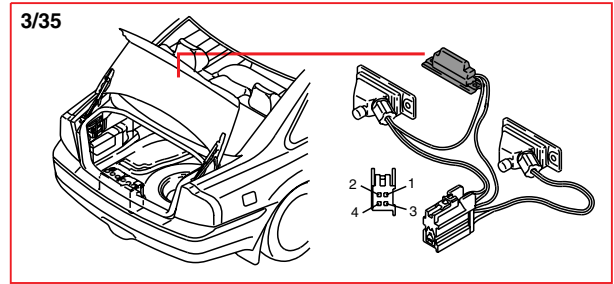
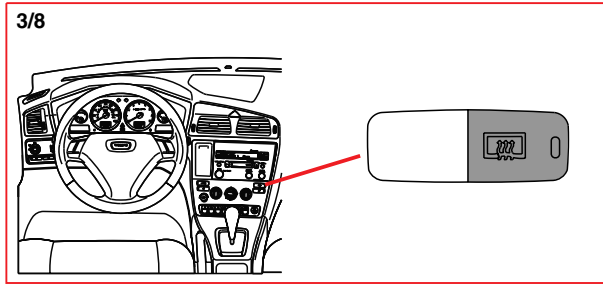
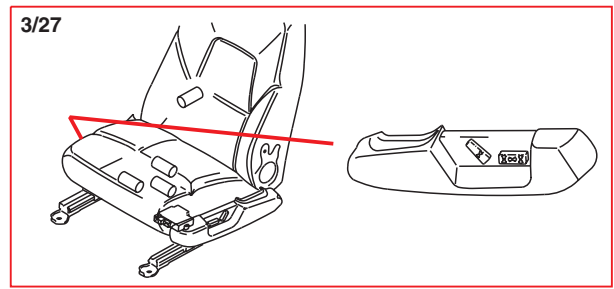
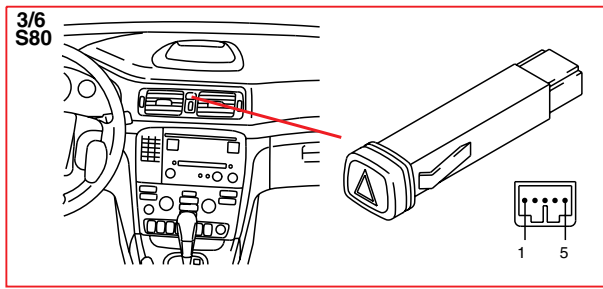
Component illustrations

2/120 - 3/6



Component illustrations

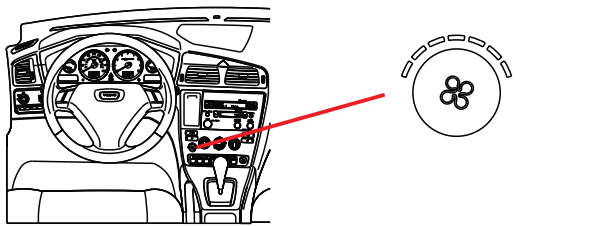
3/6 - 3/53



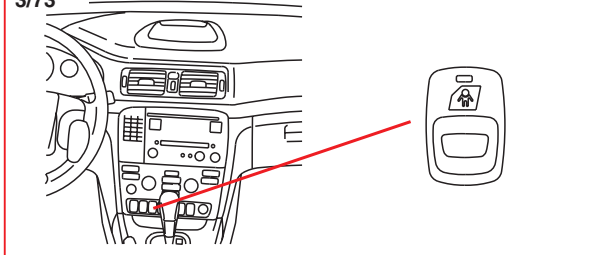
Component illustrations

3/56 - 3/86

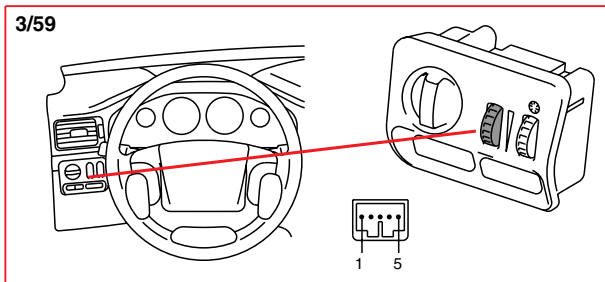
3/56



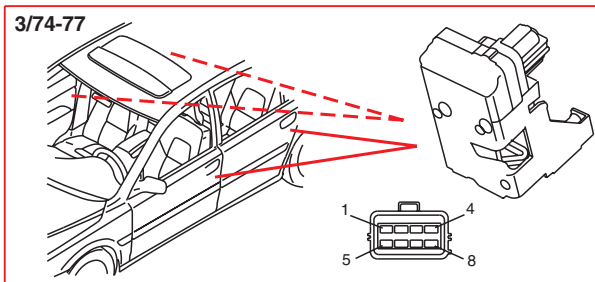
3/73



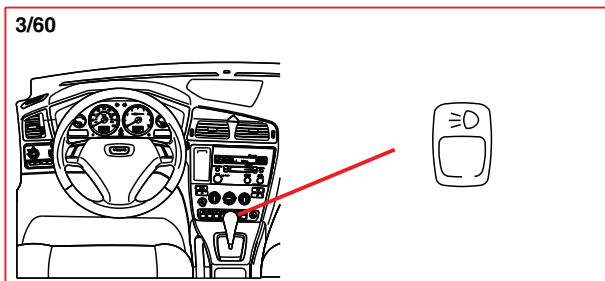
3/59



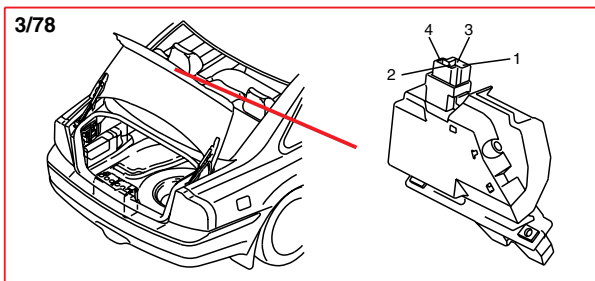
3/74-77



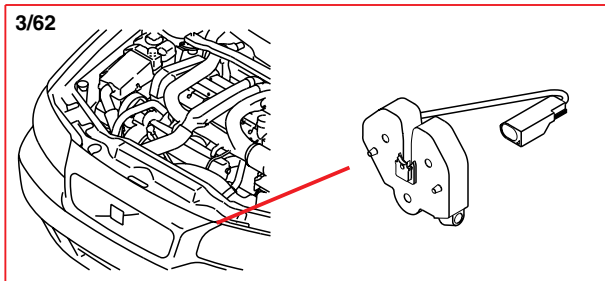
3/60



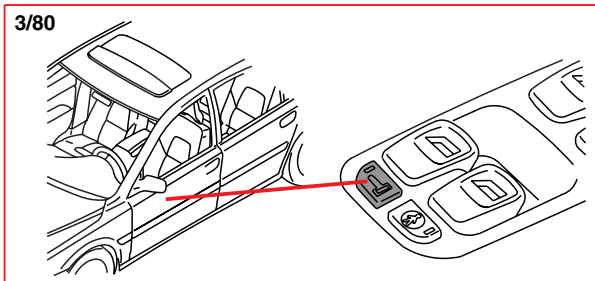
3/78



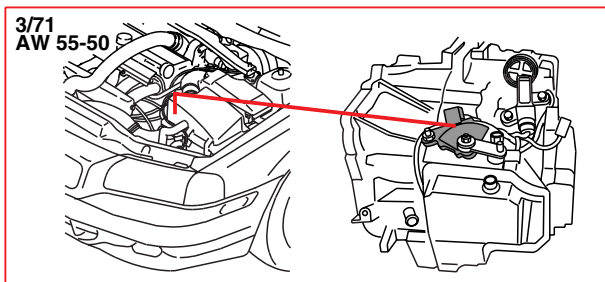
3/62



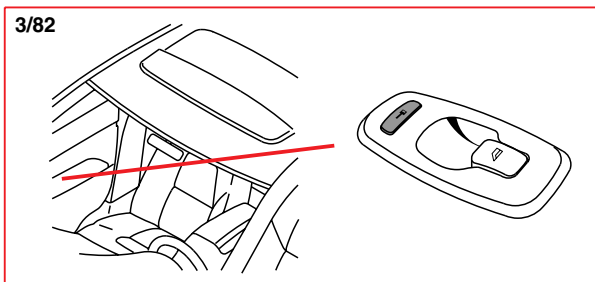
3/80



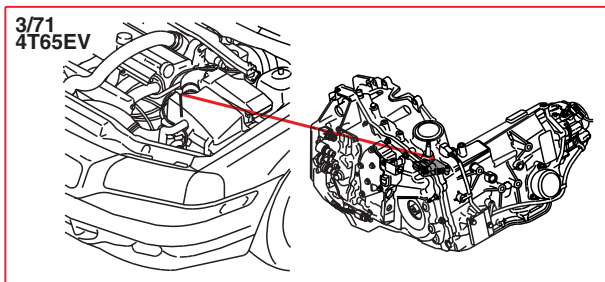
3/71
AW 55-50



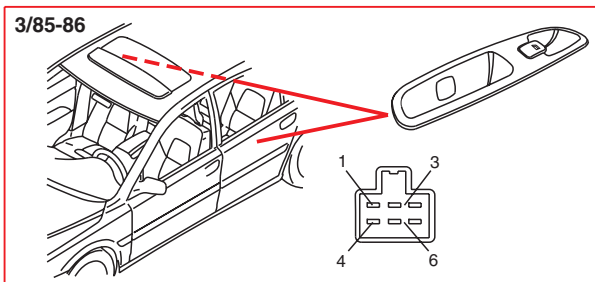
3/82



3/71
4T65EV

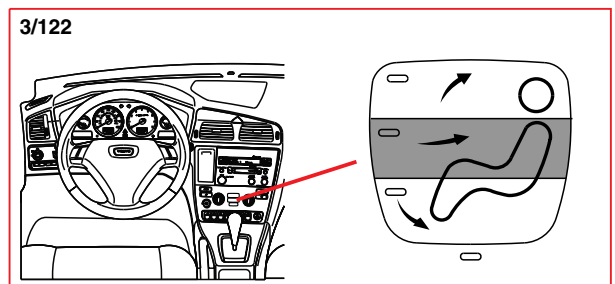
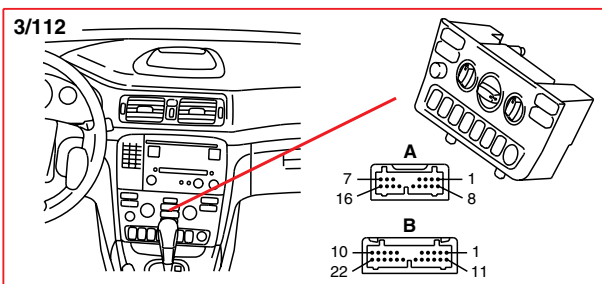
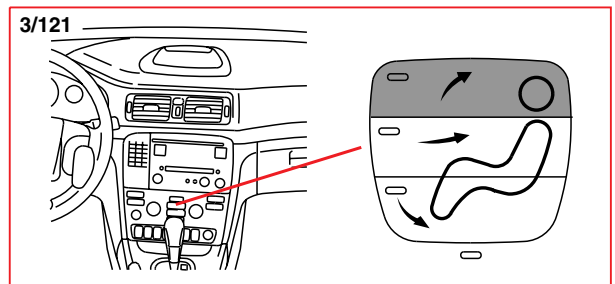
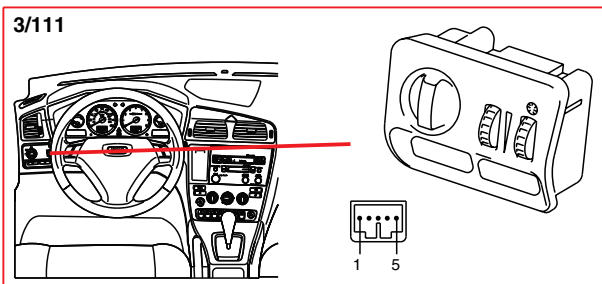
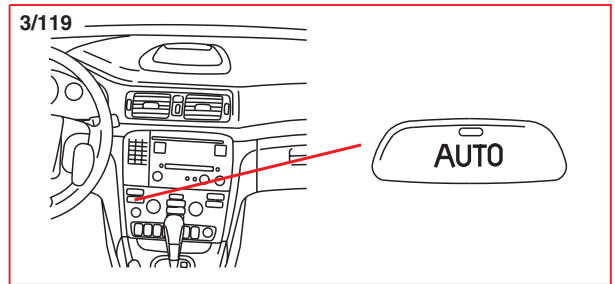
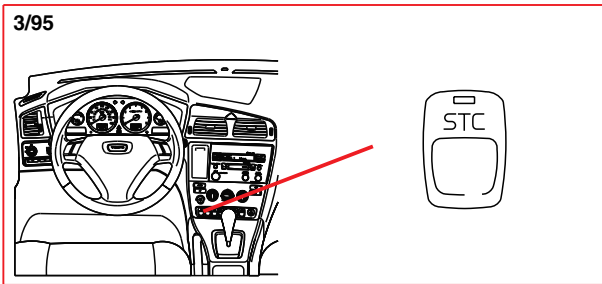
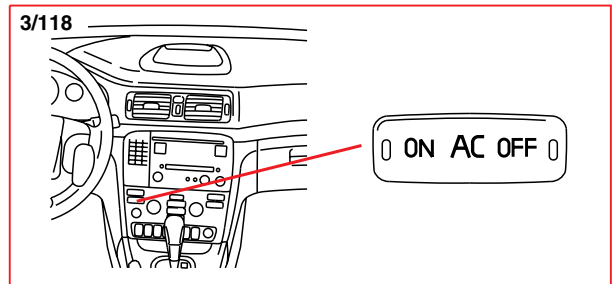
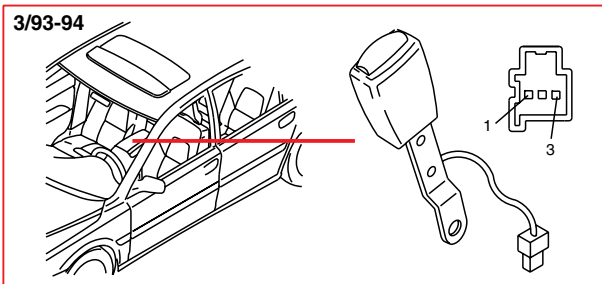
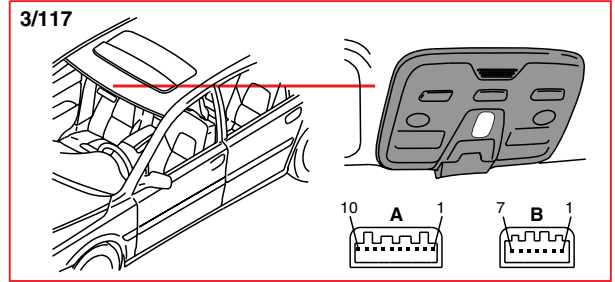
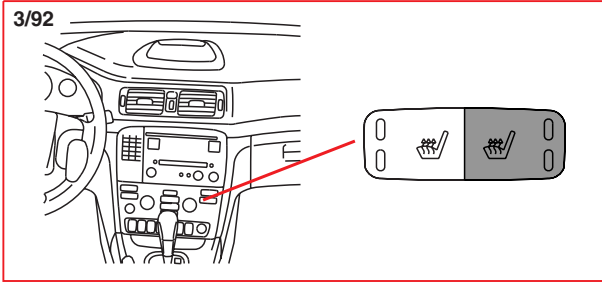
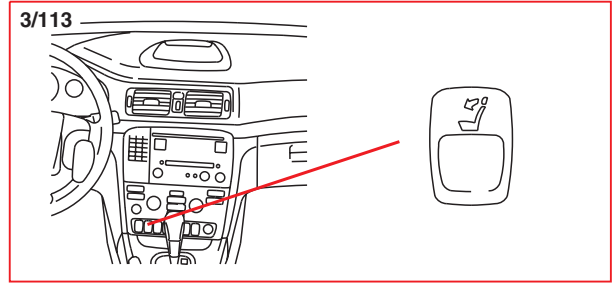
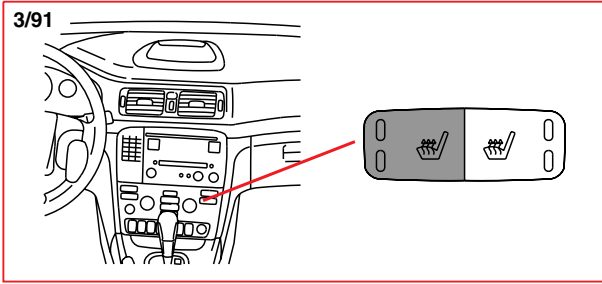


3/85-86



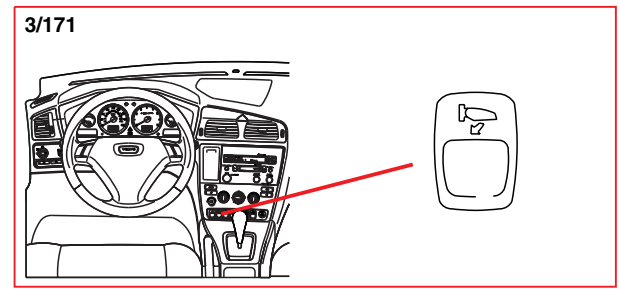
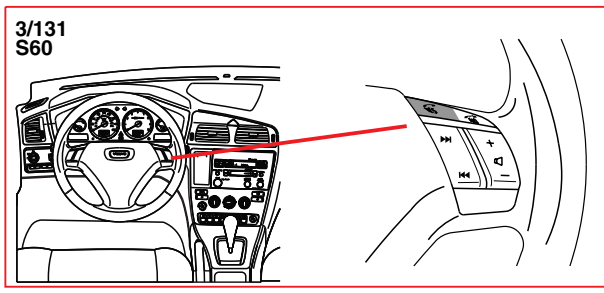
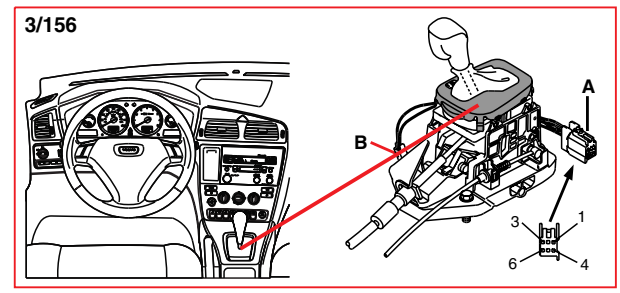
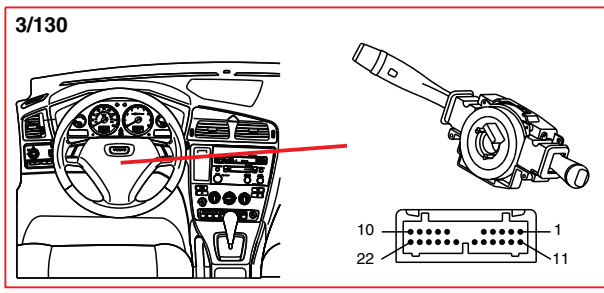
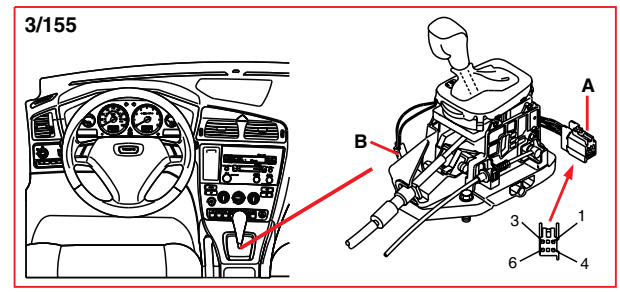
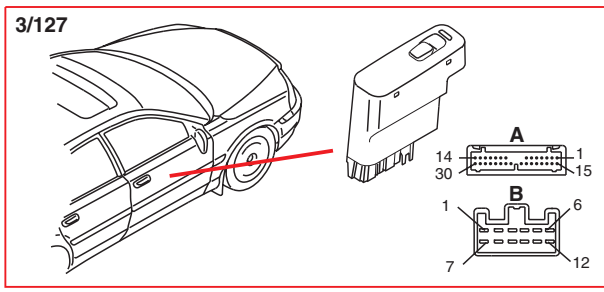
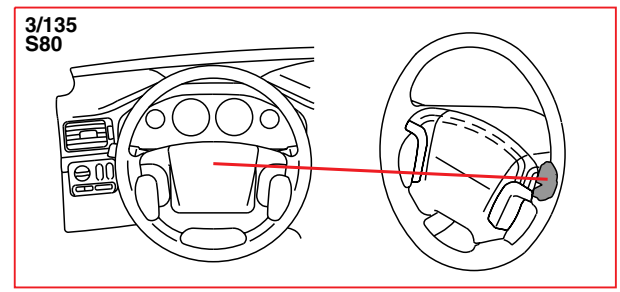
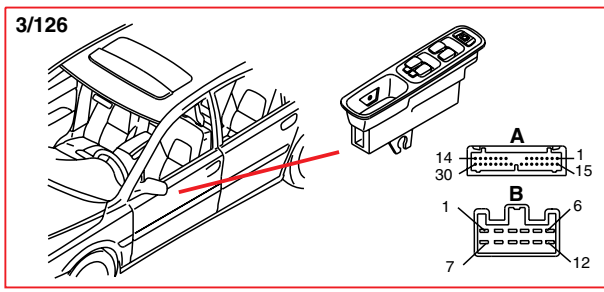
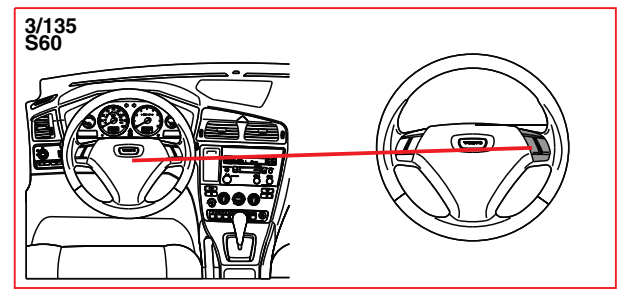
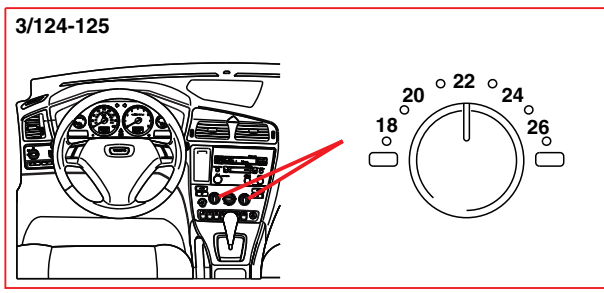
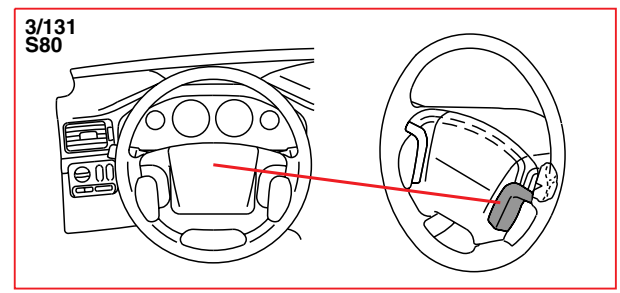
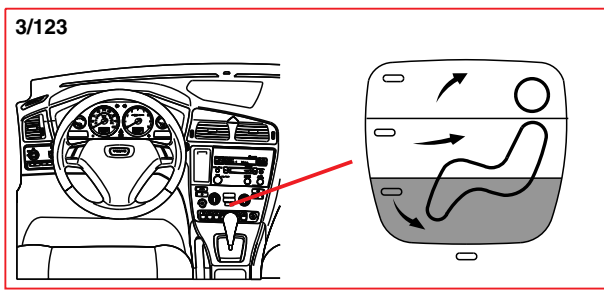
Component illustrations

3/91 - 3/122



Component illustrations

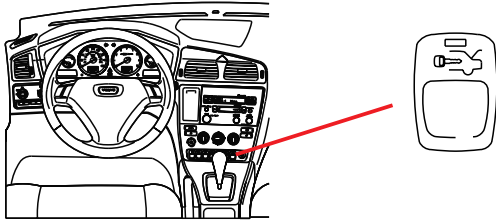
3/123 - 3/171



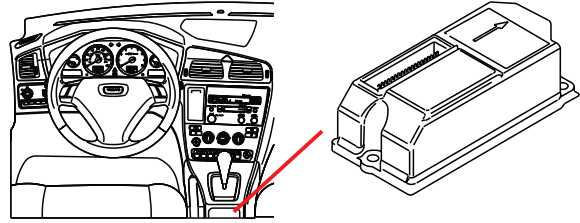
Component illustrations

3/173 - 4/46

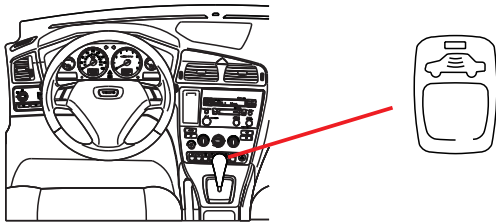
3/173



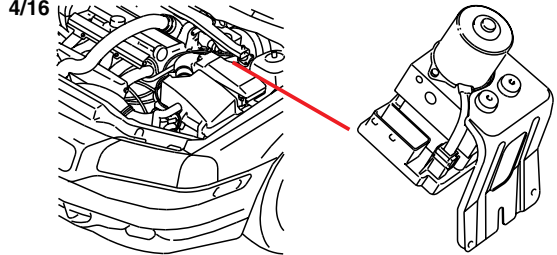
4/9



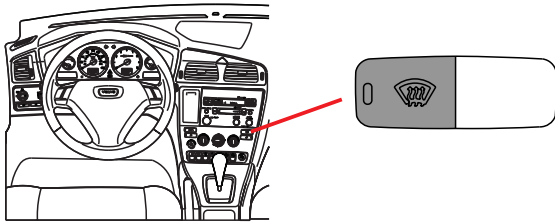
3/174



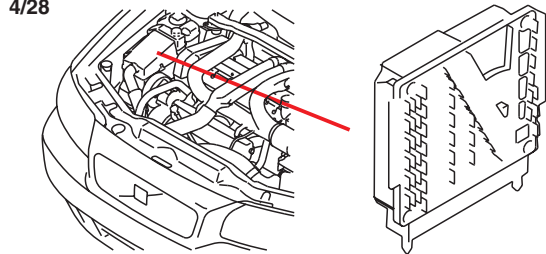
4/16



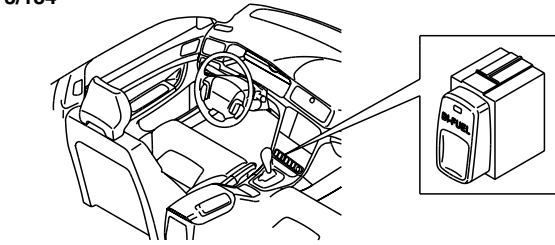
3/183



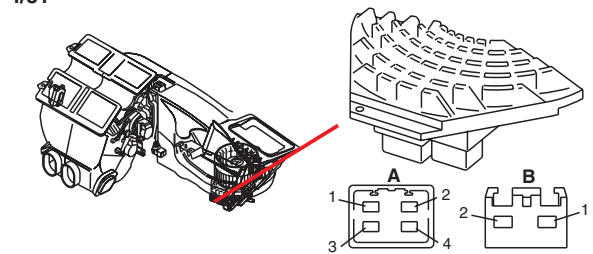
4/28



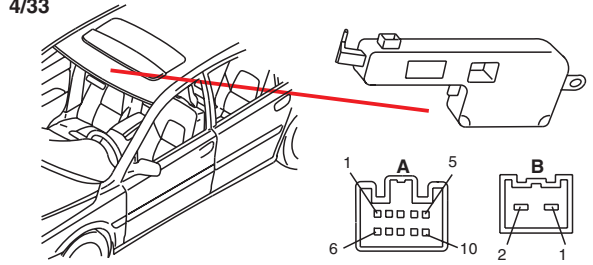
3/184



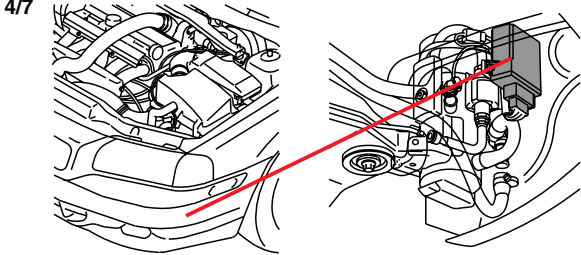
4/31



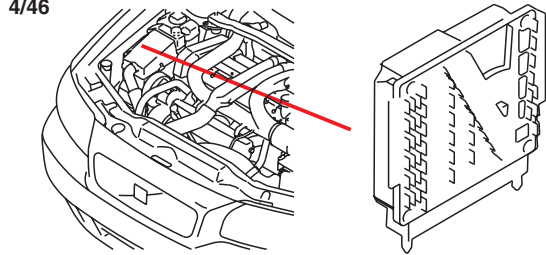
4/33

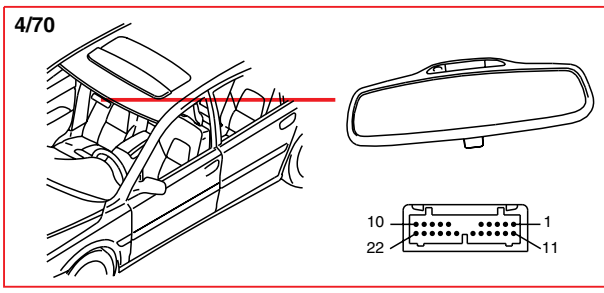
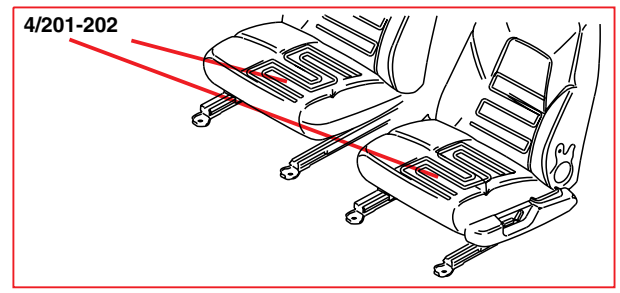
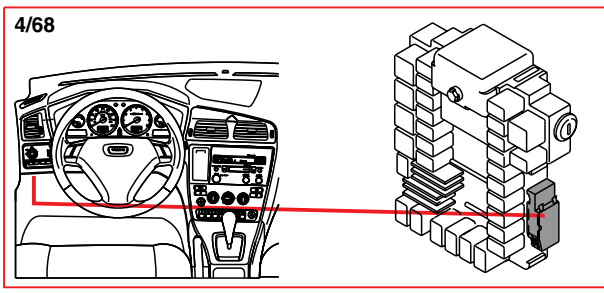
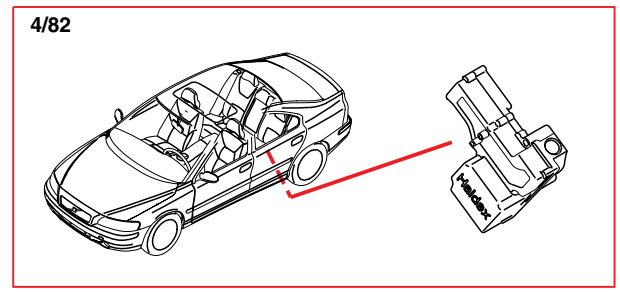
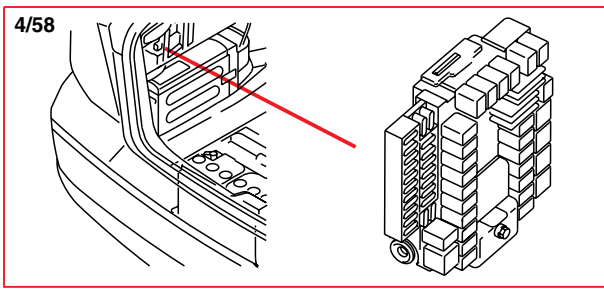
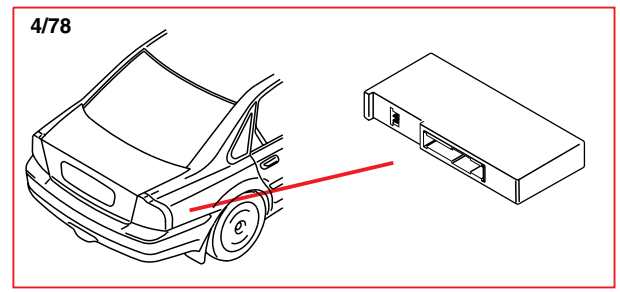
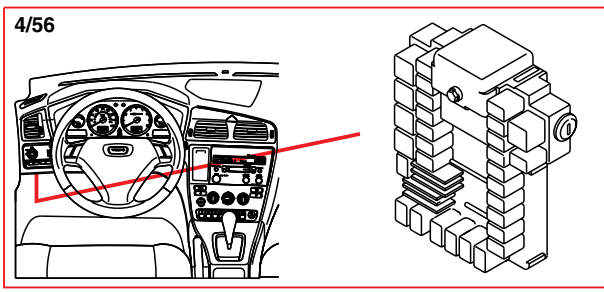
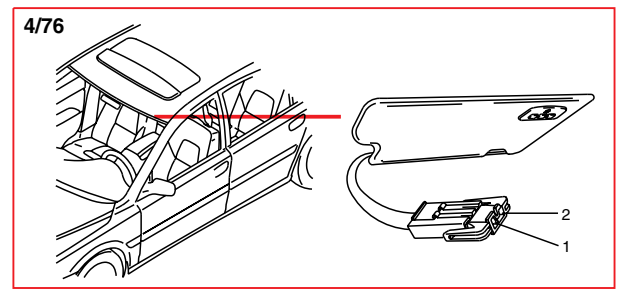
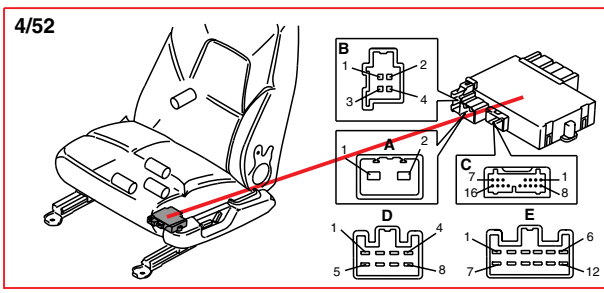
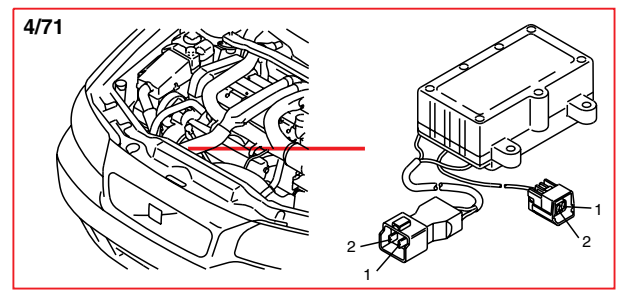
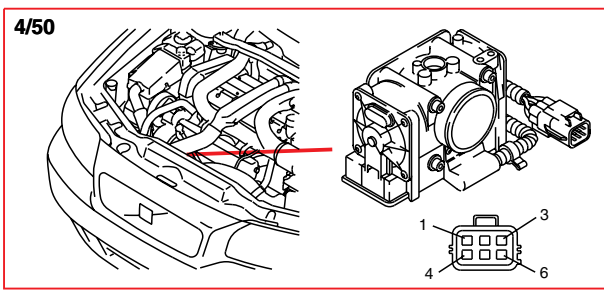


4/7



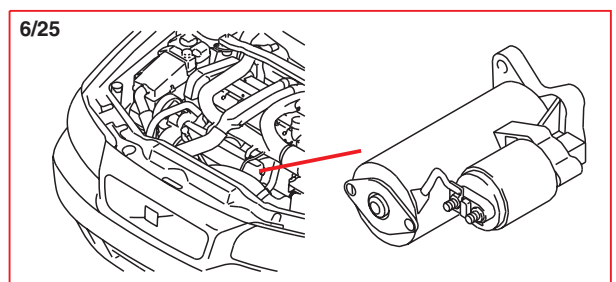
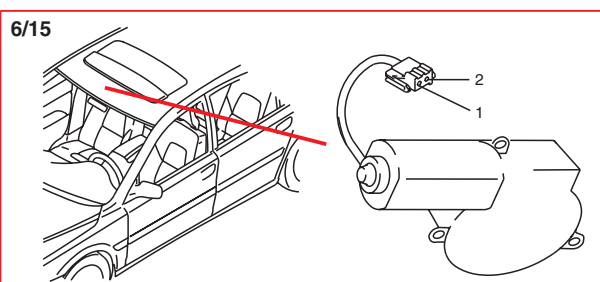
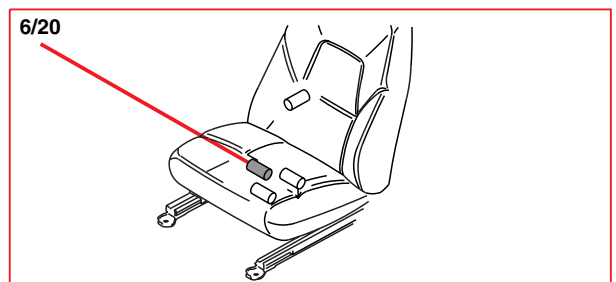
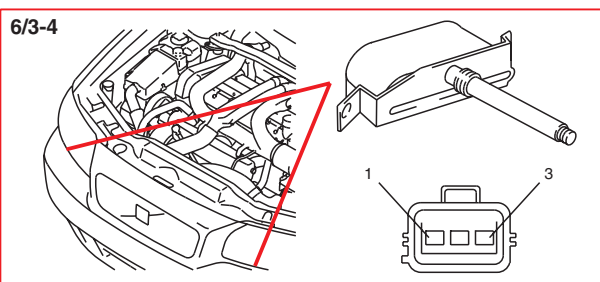
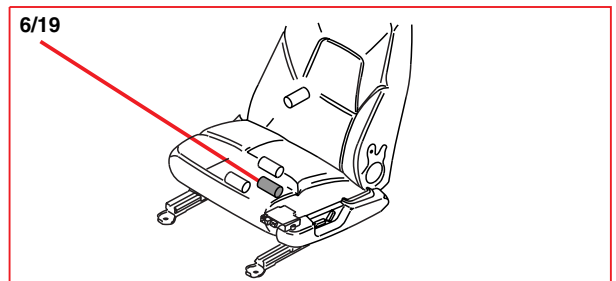
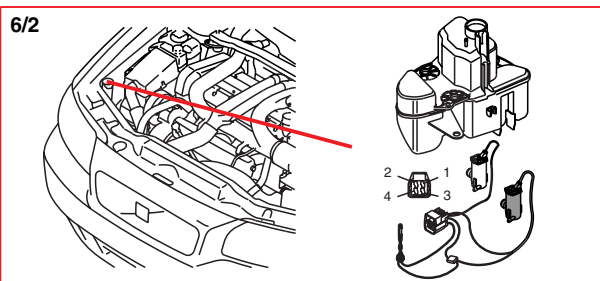
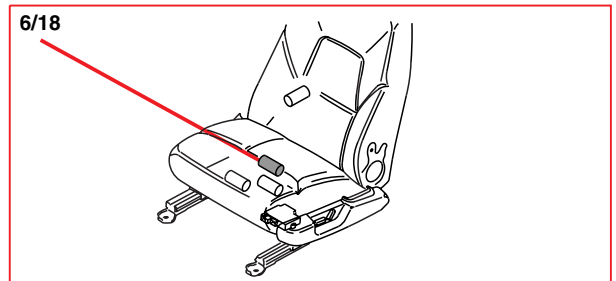
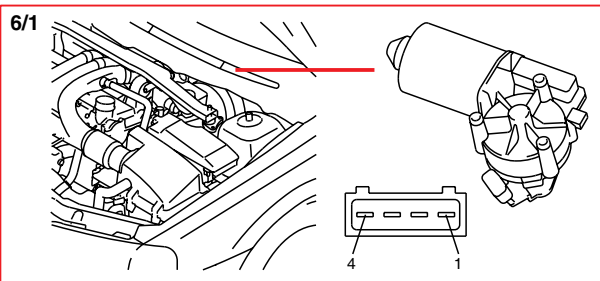
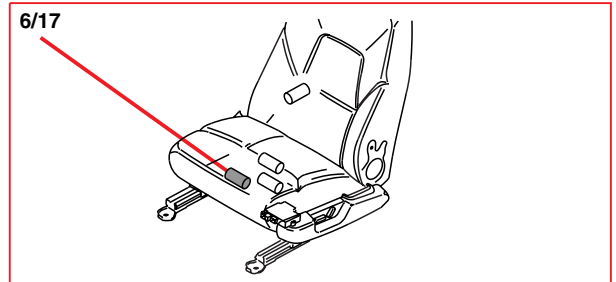
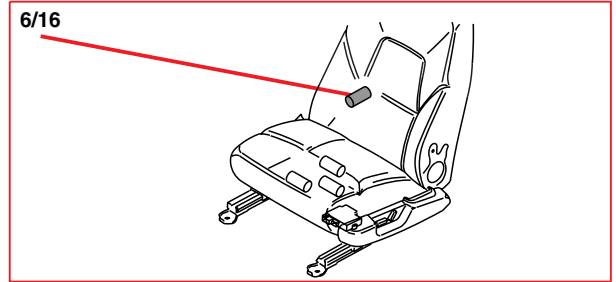
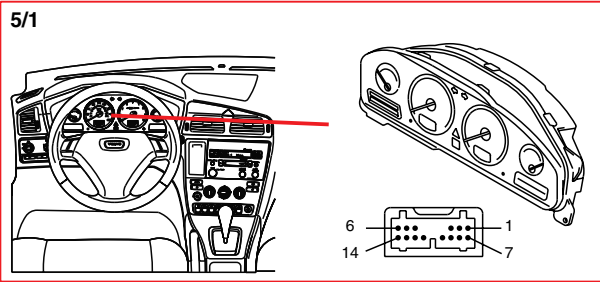
4/46





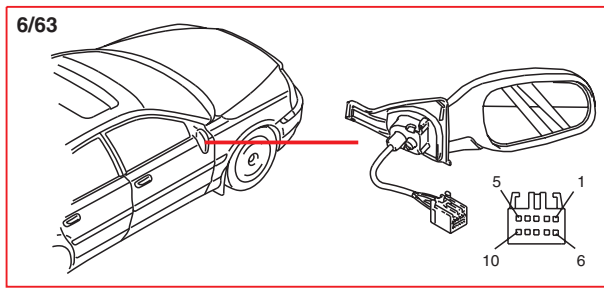
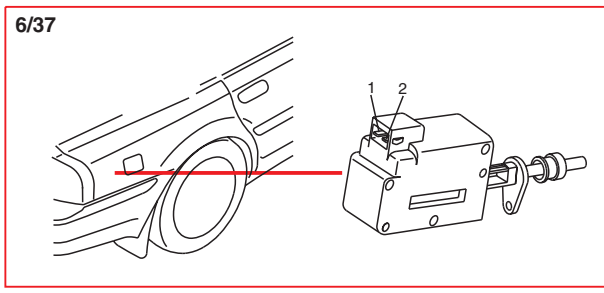
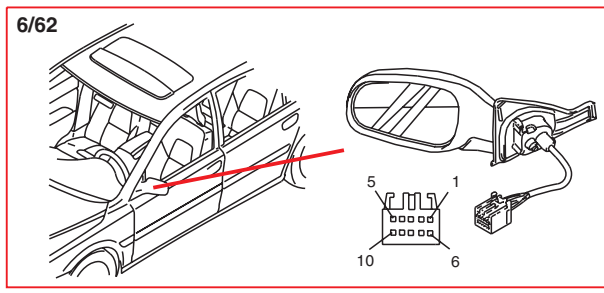
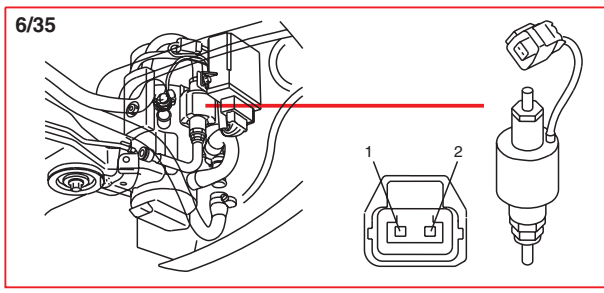
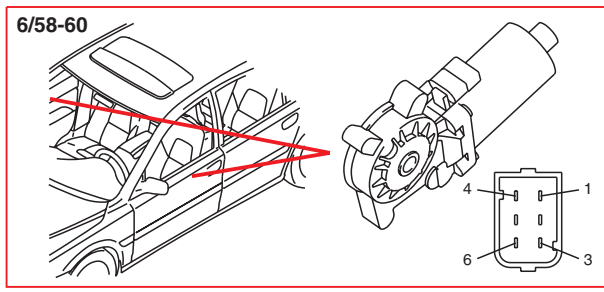
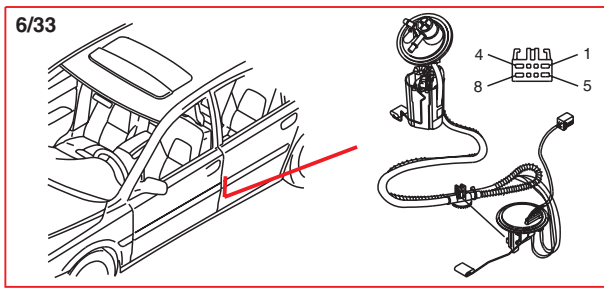
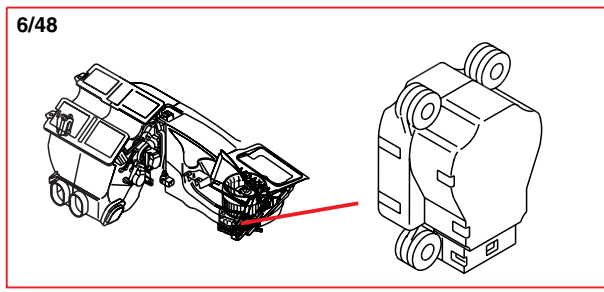
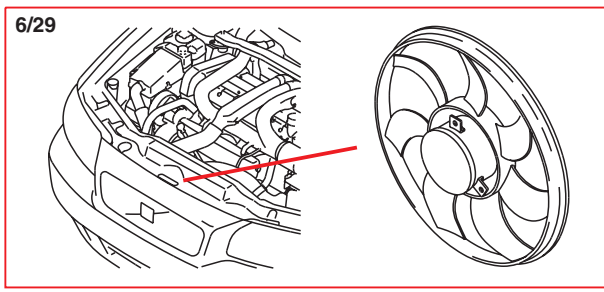
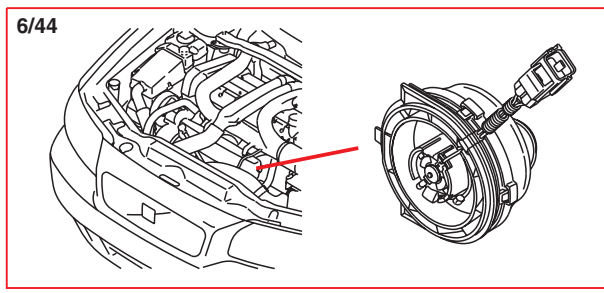
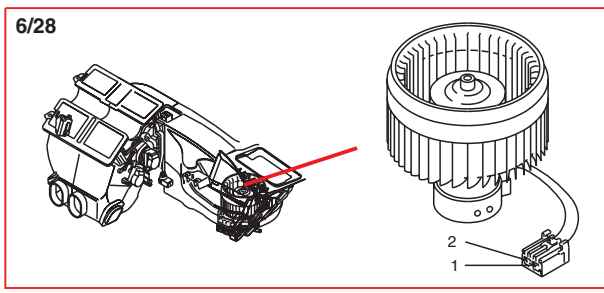
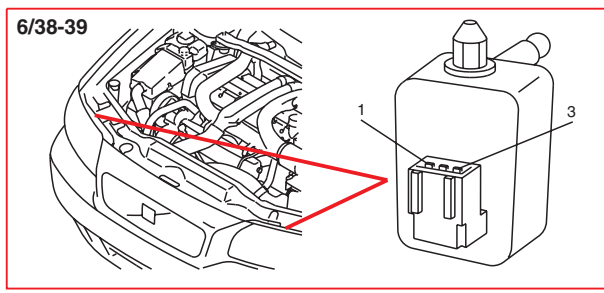
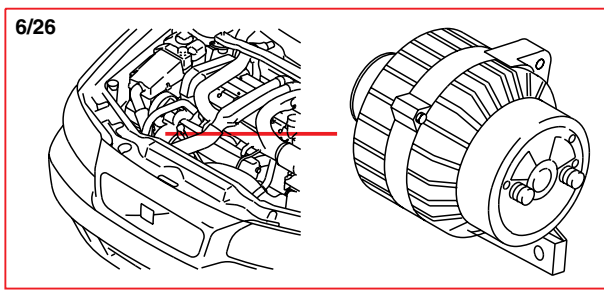
Component illustrations

5/1 - 6/25



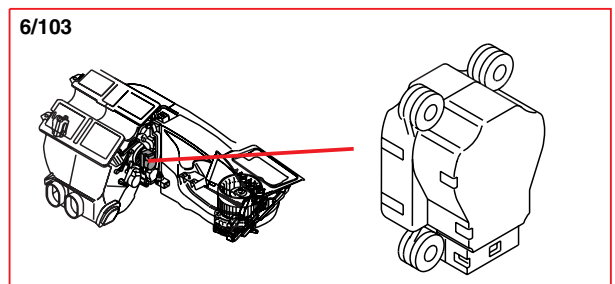
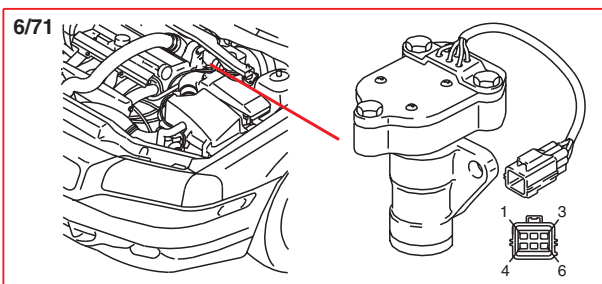
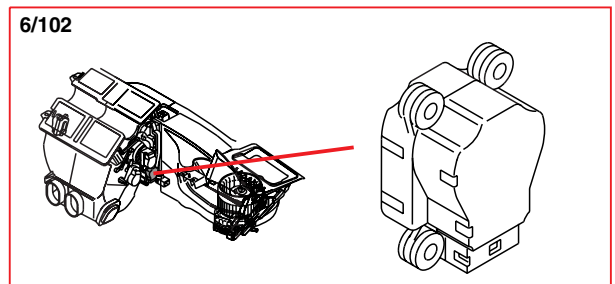
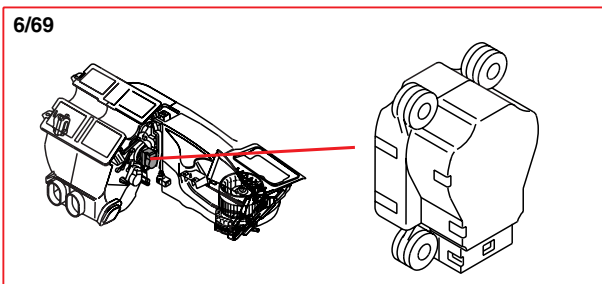
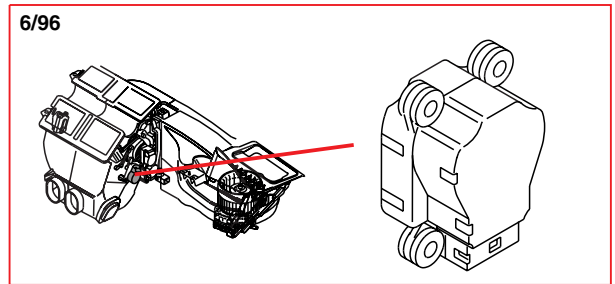
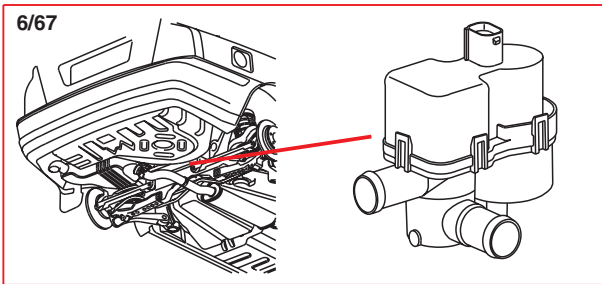
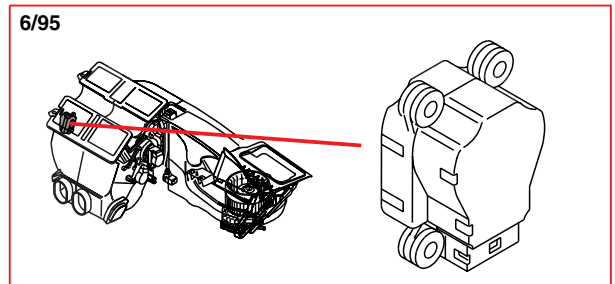
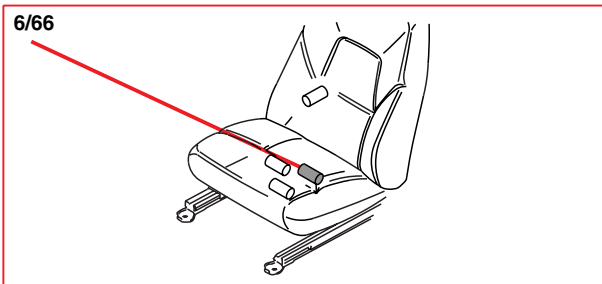
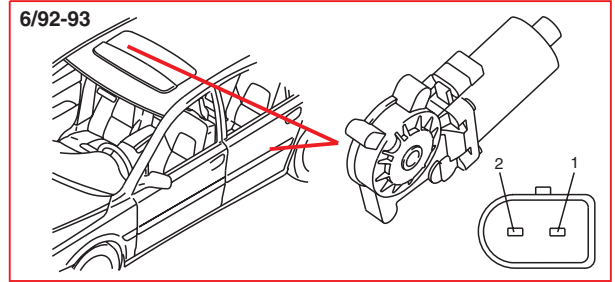
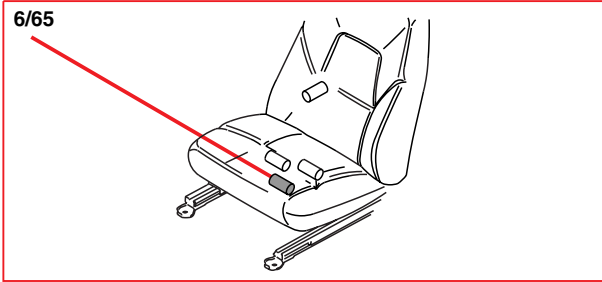
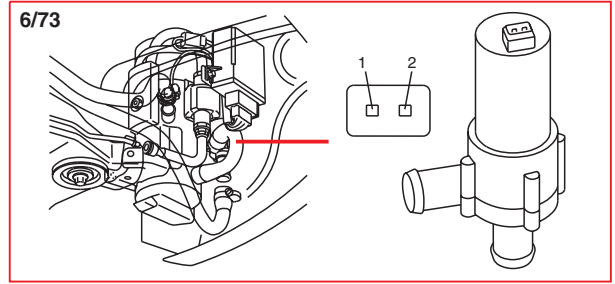
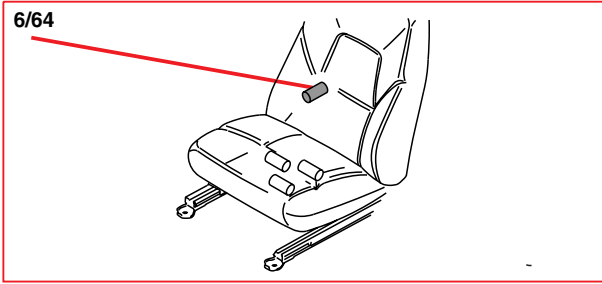
Component illustrations

6/26 - 6/63



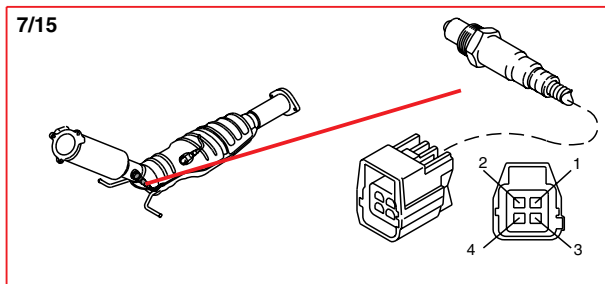
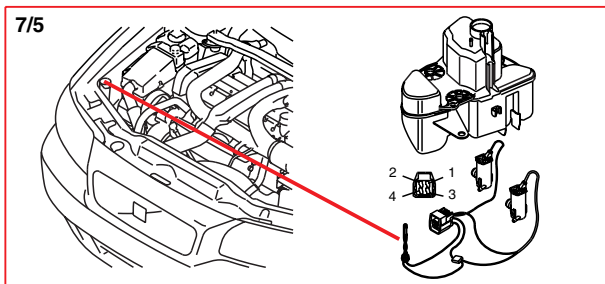
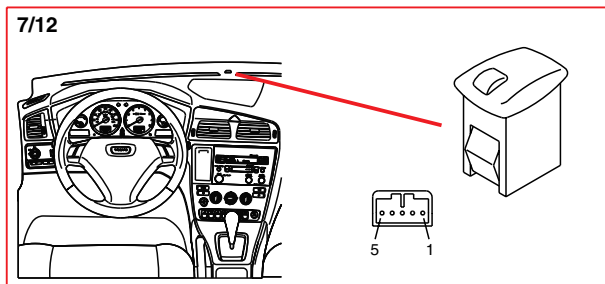
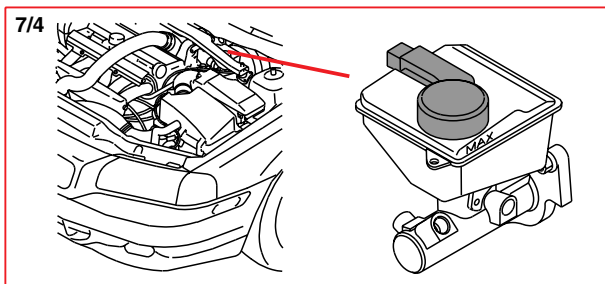
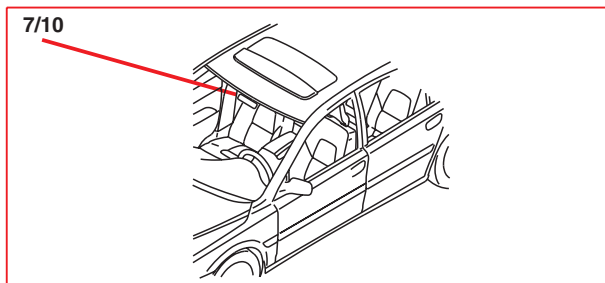
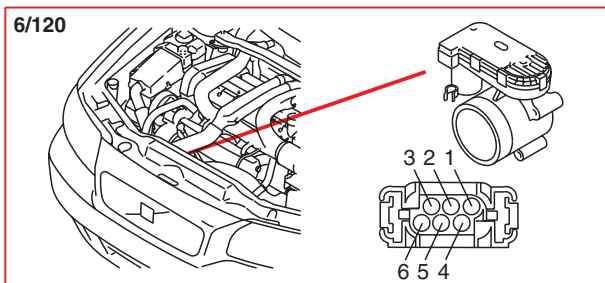
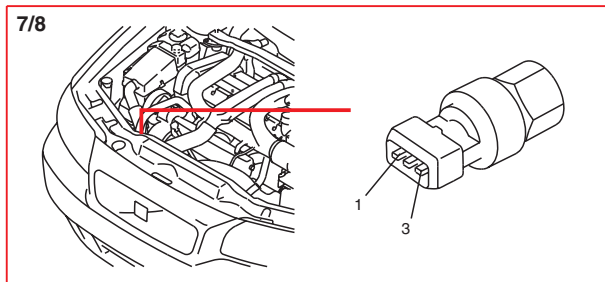
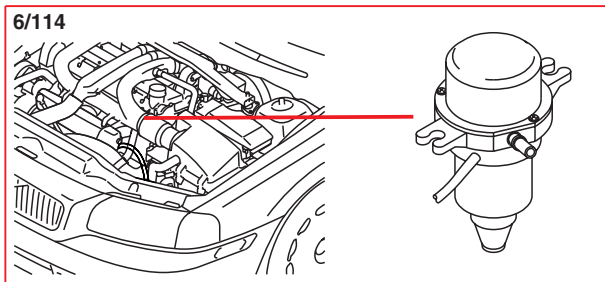
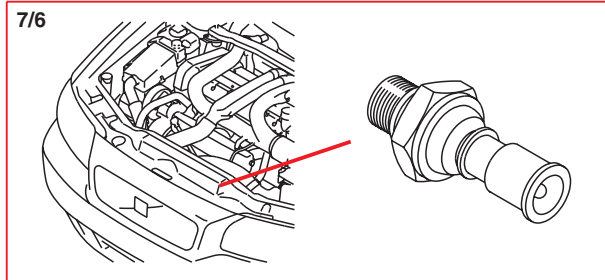
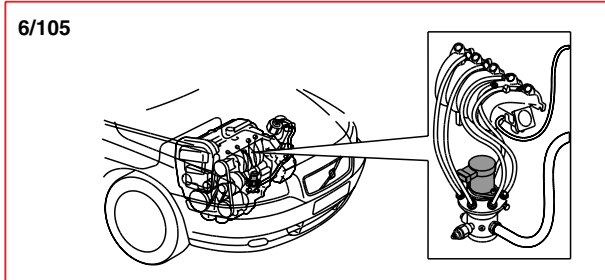
Component illustrations

6/64 - 6/103



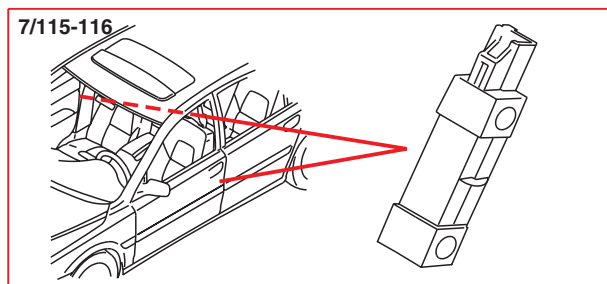
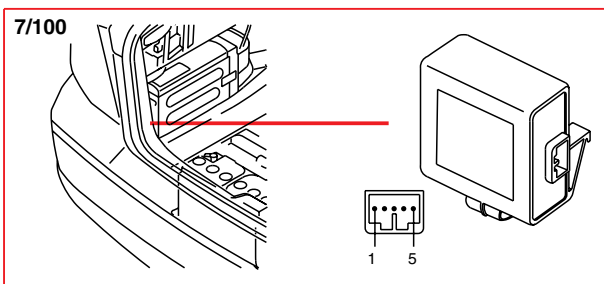
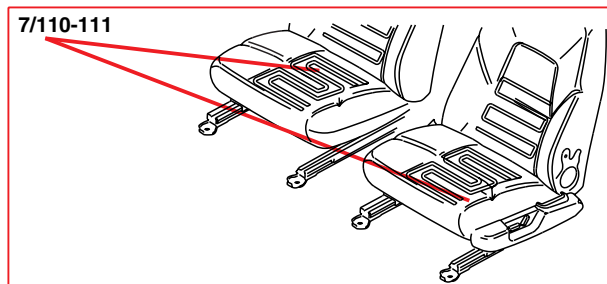
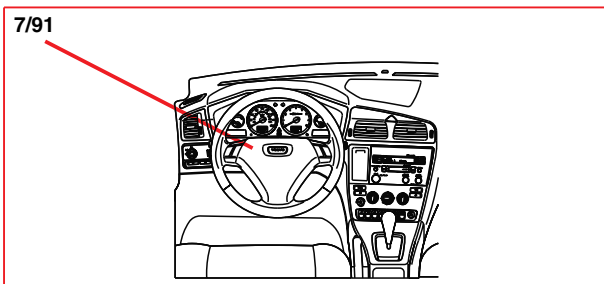
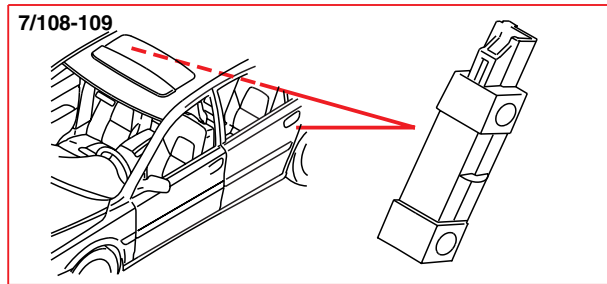
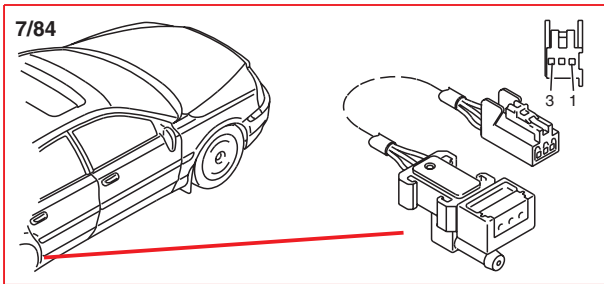
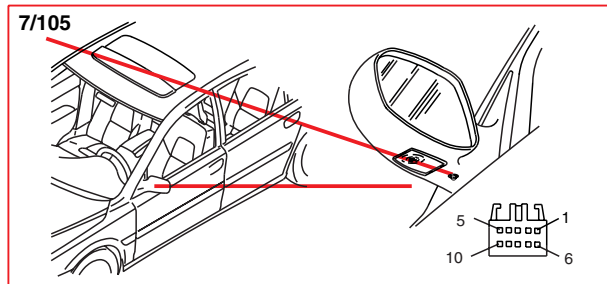
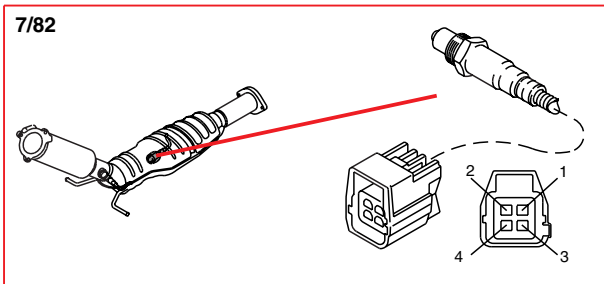
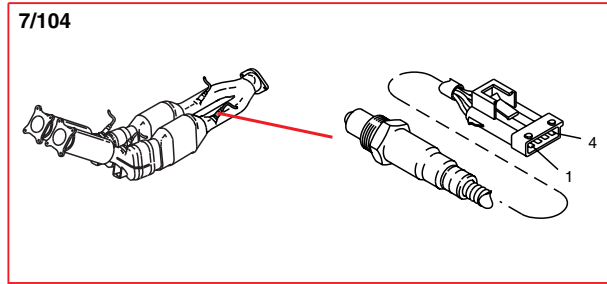
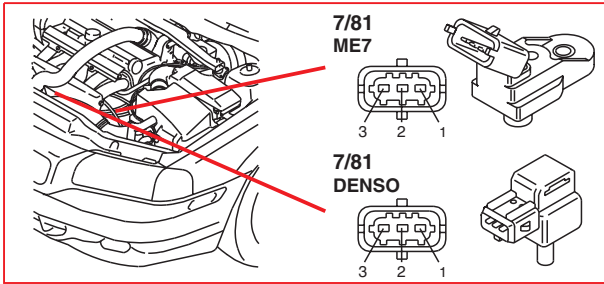
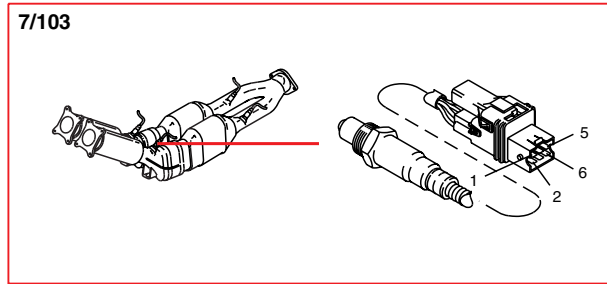
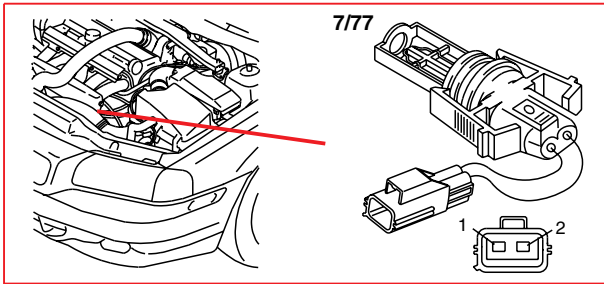
Component illustrations

6/105 - 7/15



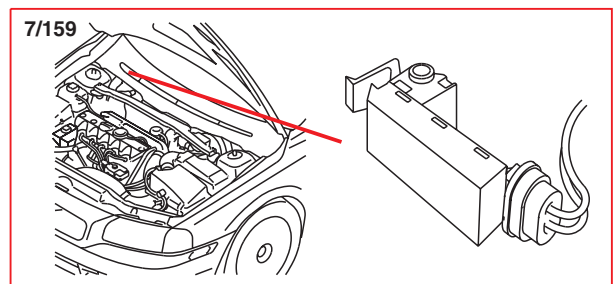
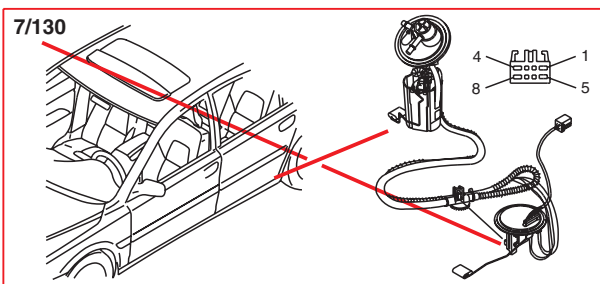
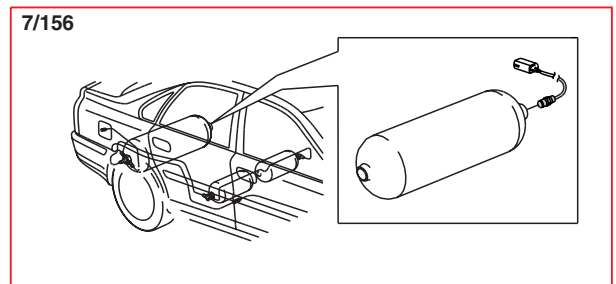
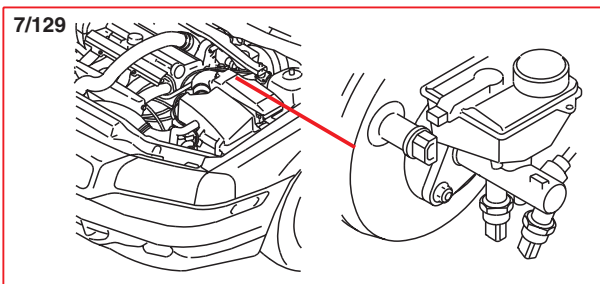
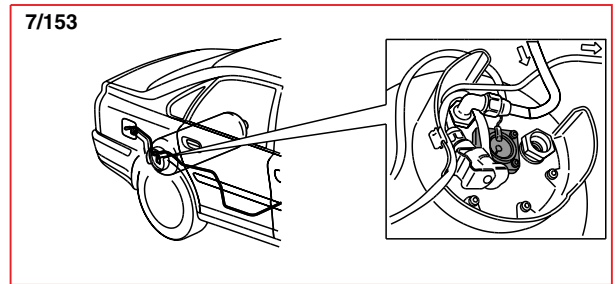
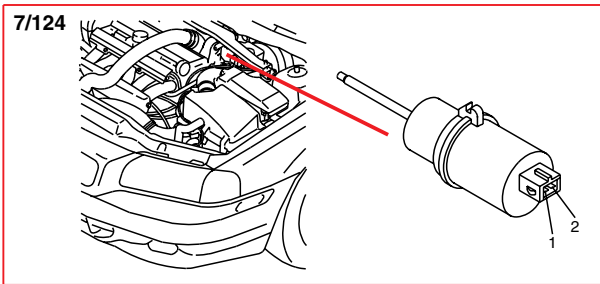
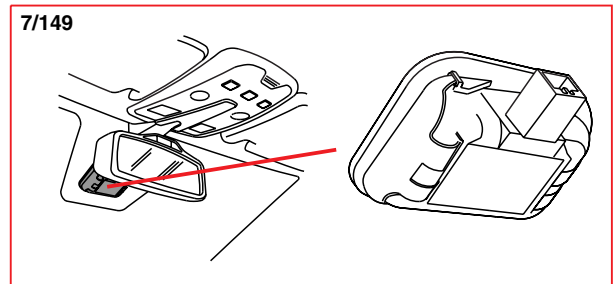
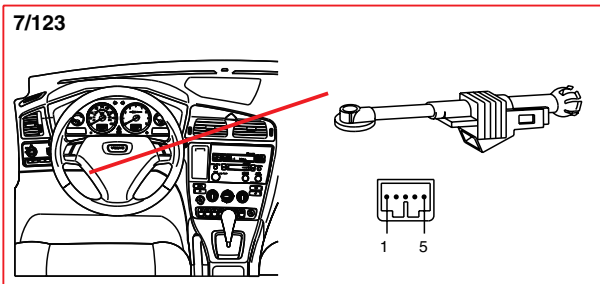
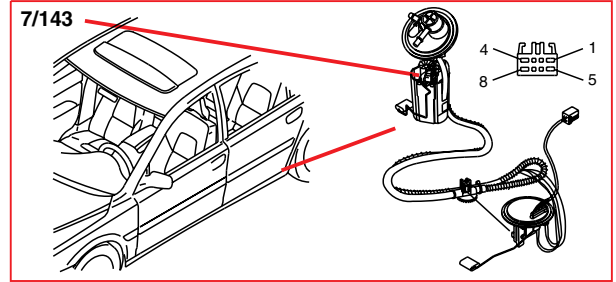
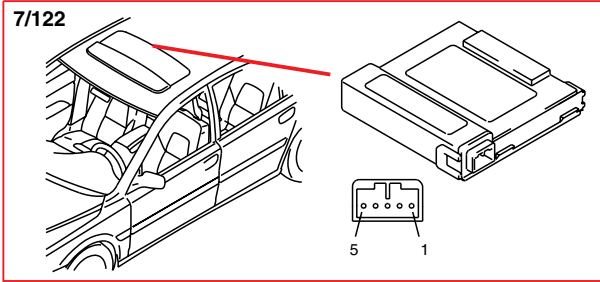
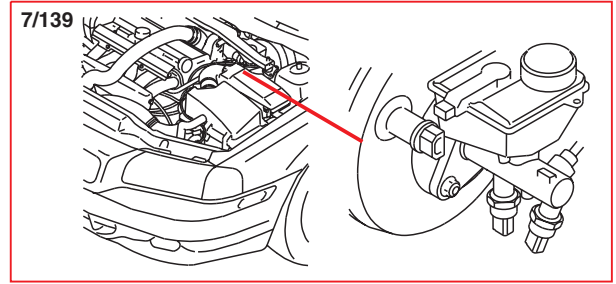
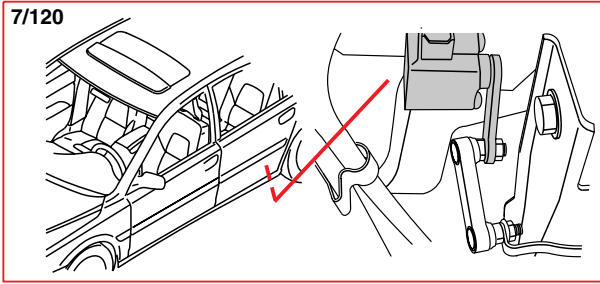
Component illustrations

7/77 - 7/116



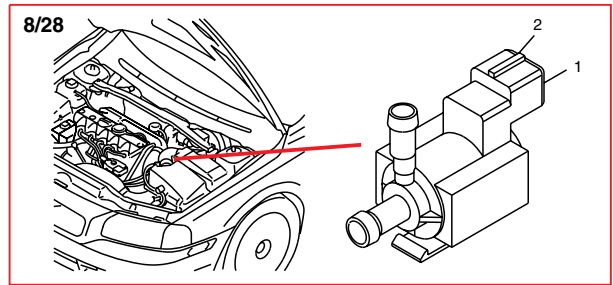
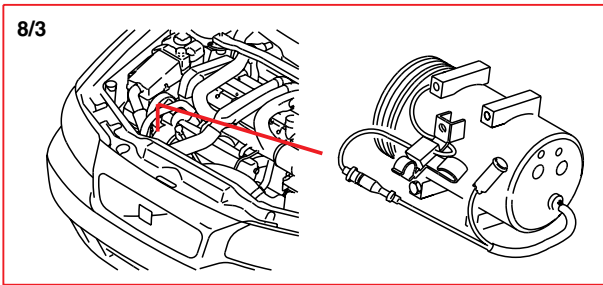
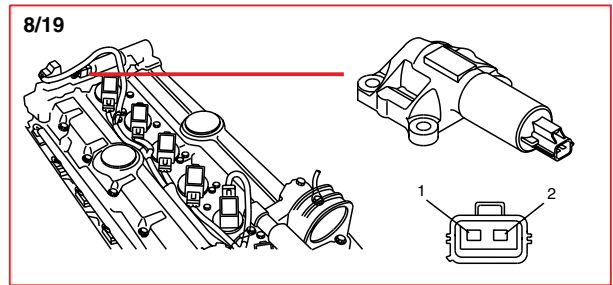
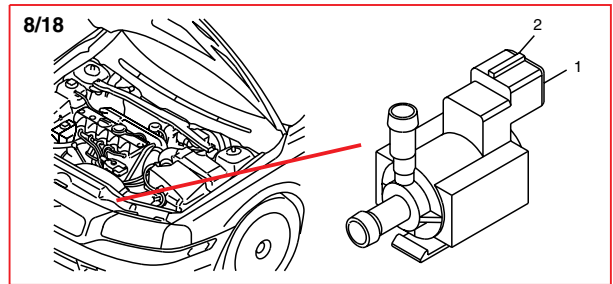
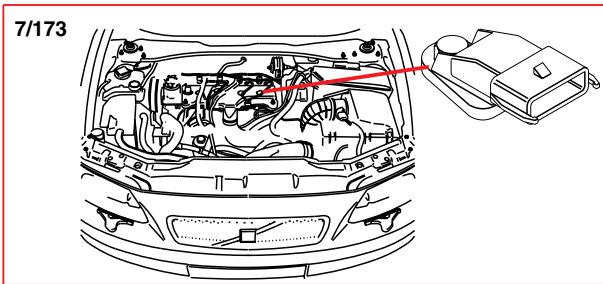
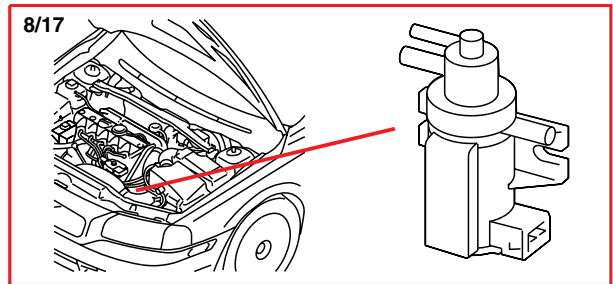
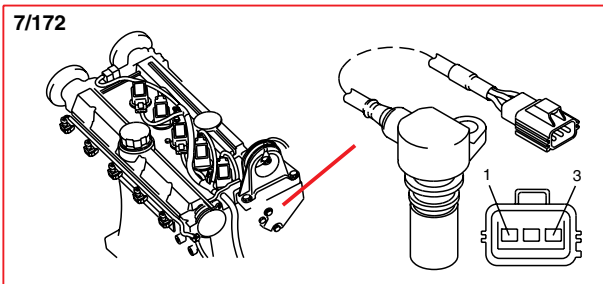
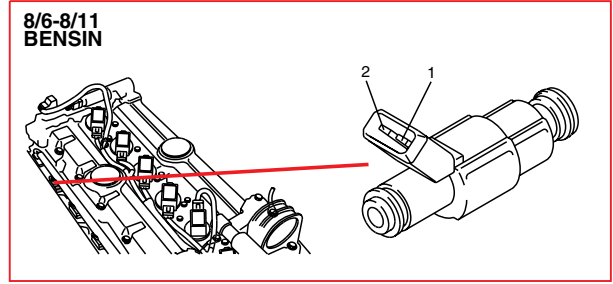
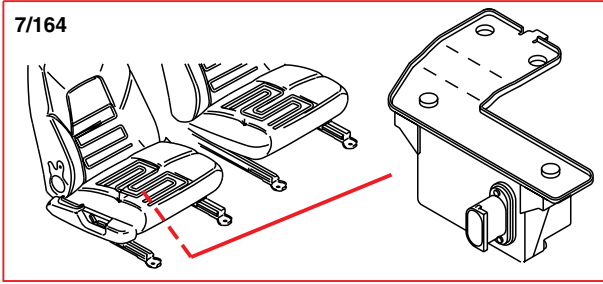
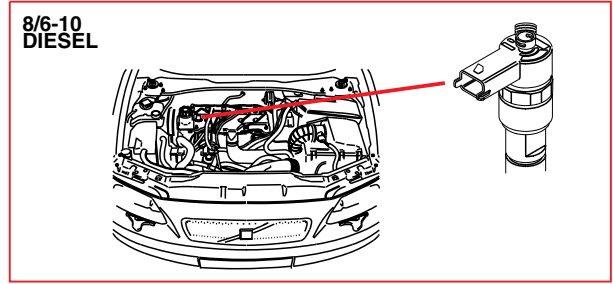
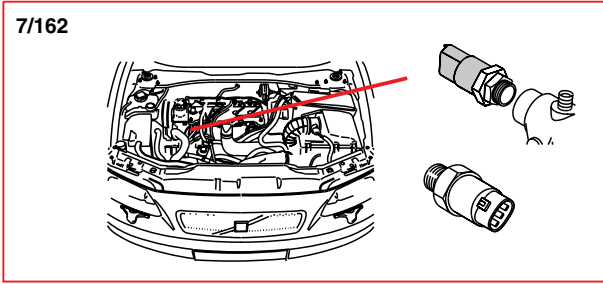
Component illustrations

7/120 - 7/159



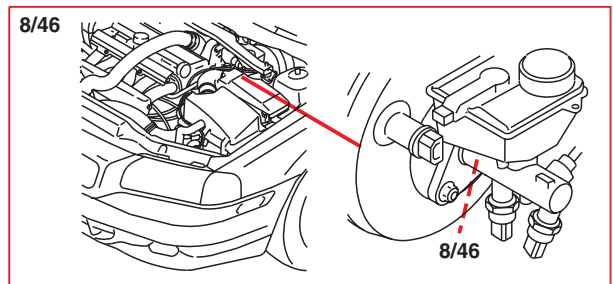
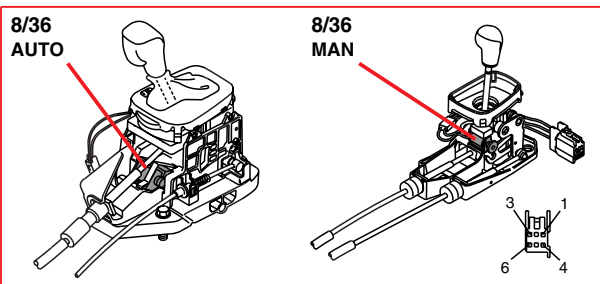
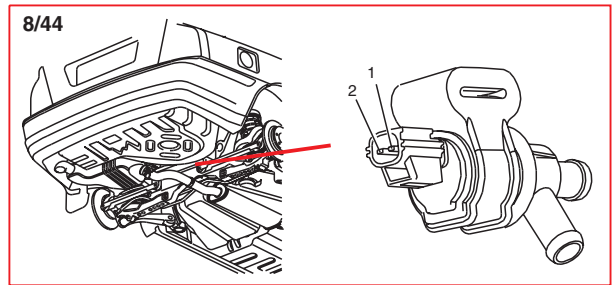
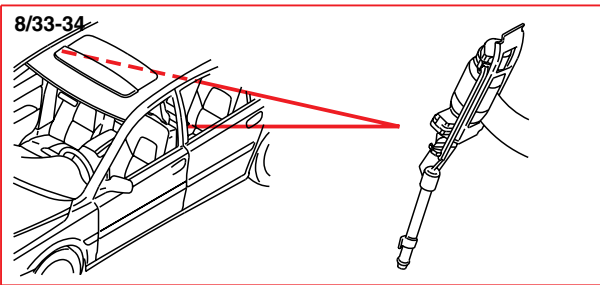
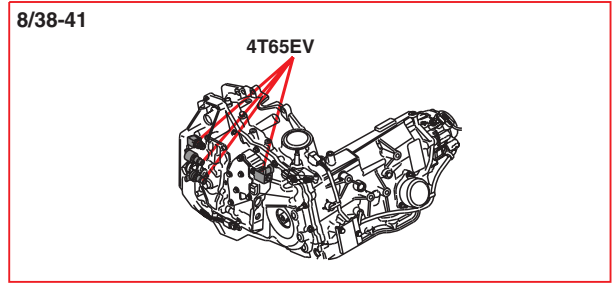
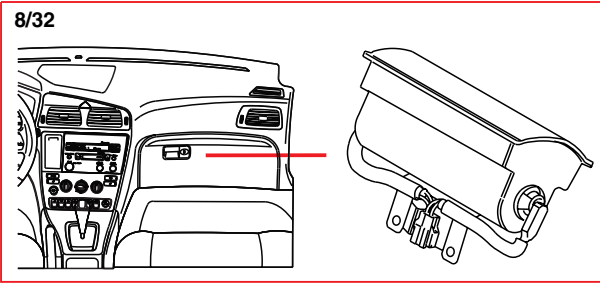
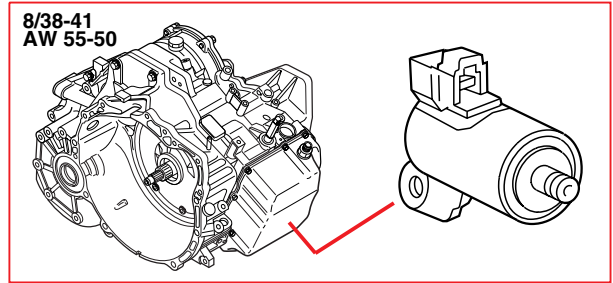
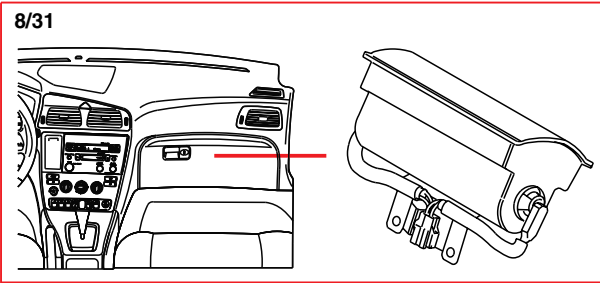
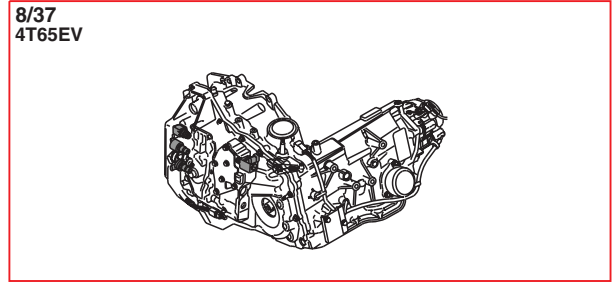
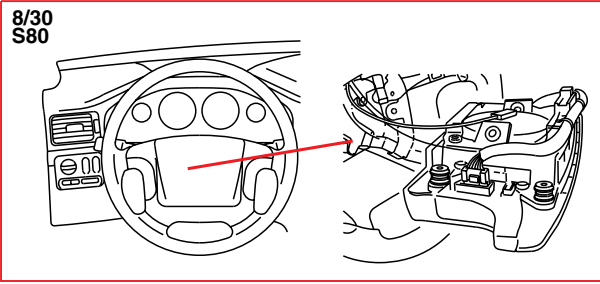
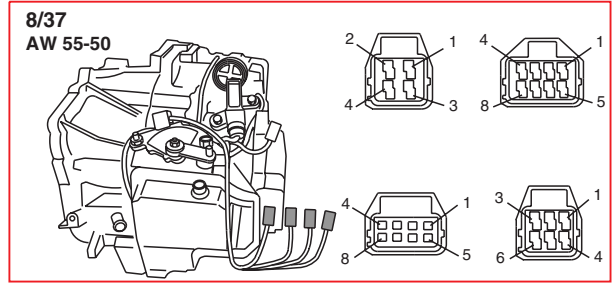
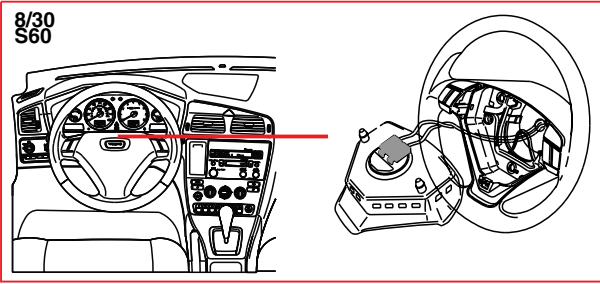
Component illustrations

7/162 - 8/28



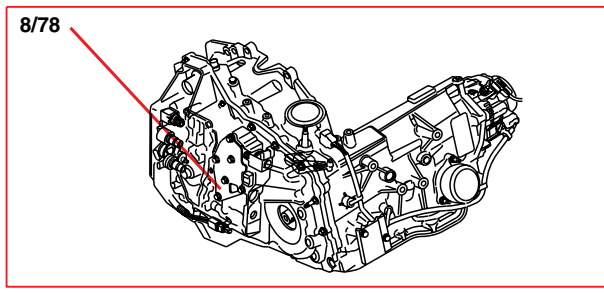
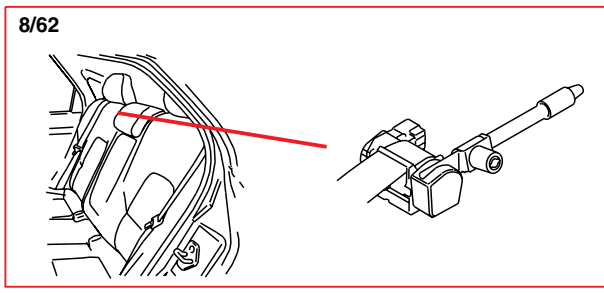
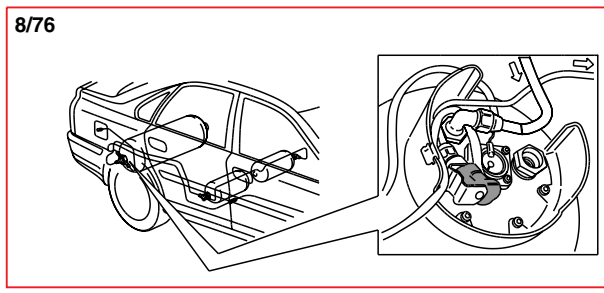
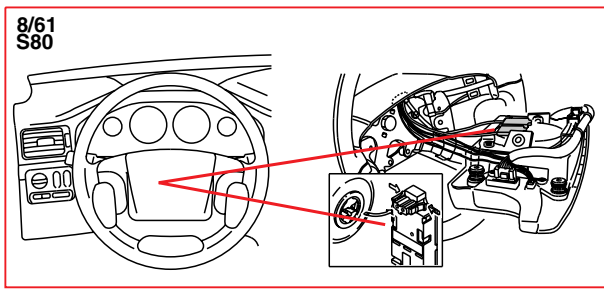
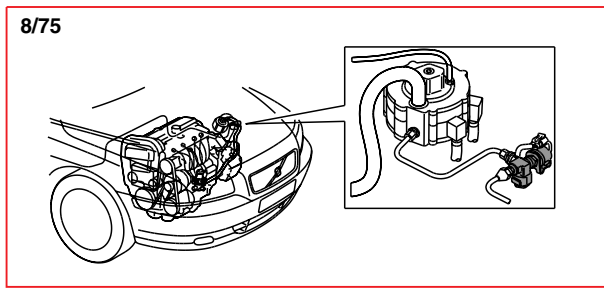
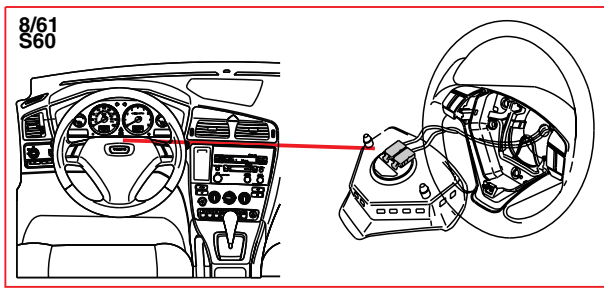
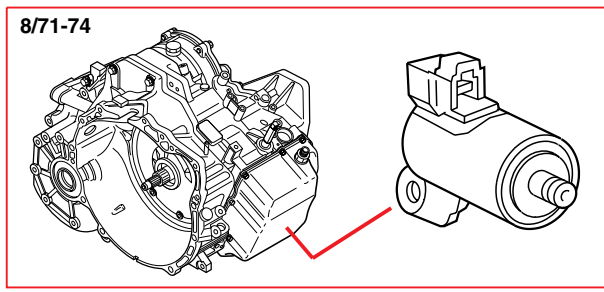
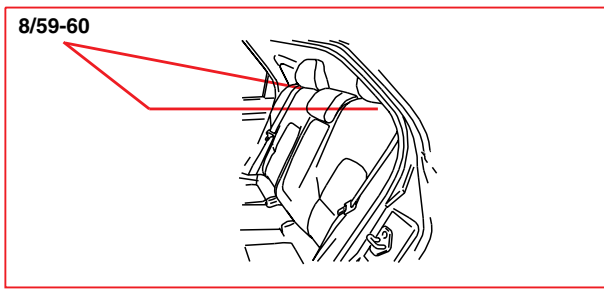
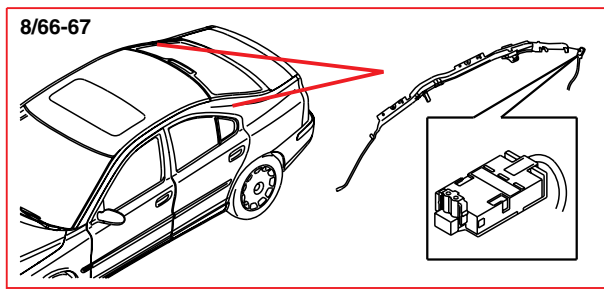
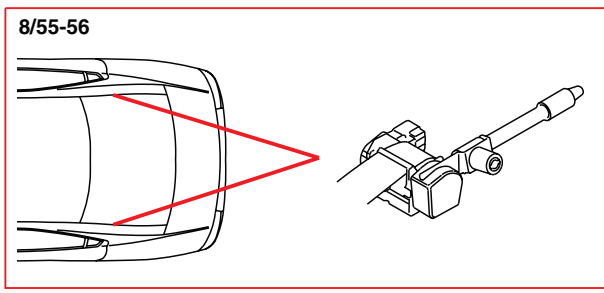
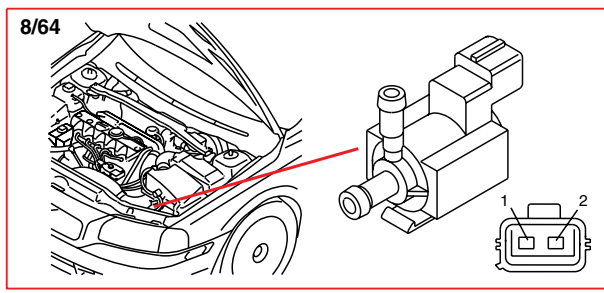
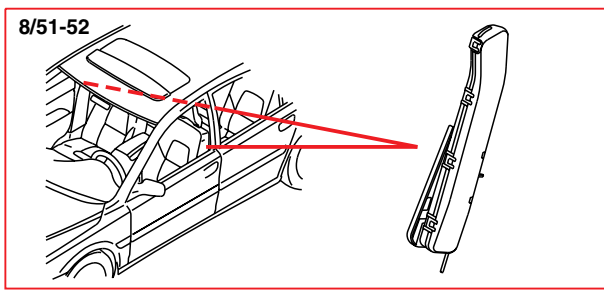
Component illustrations

8/30 - 8/46



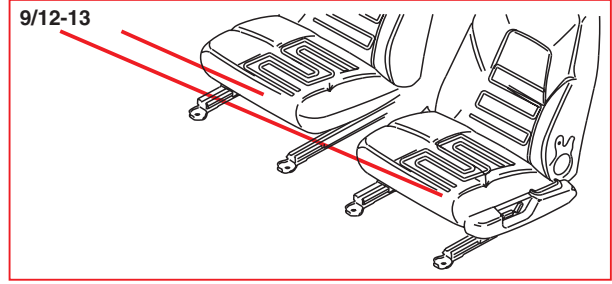
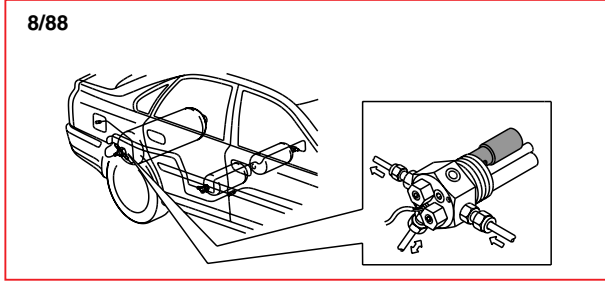
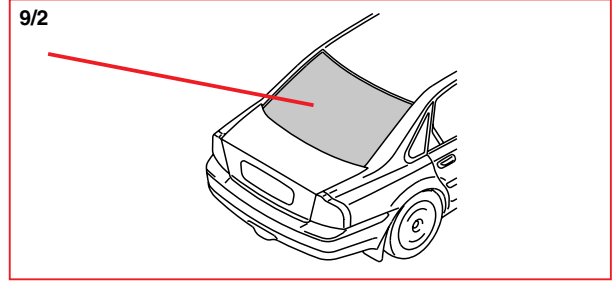
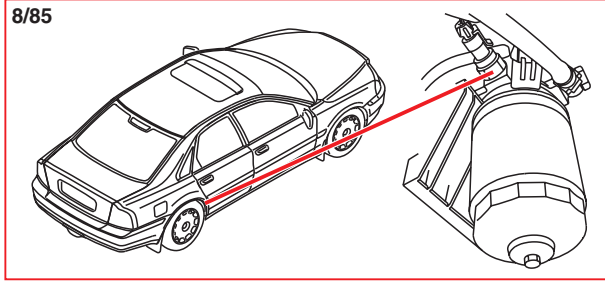
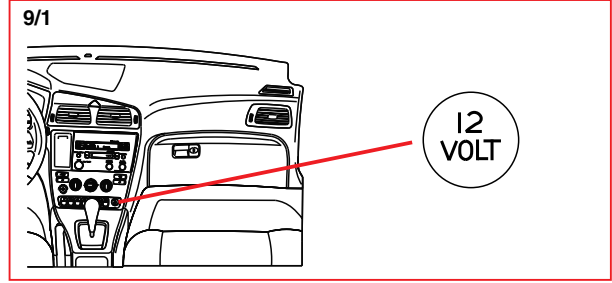
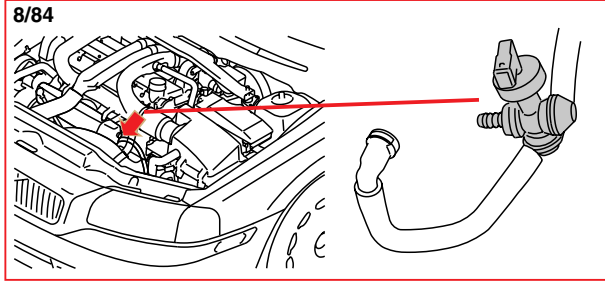
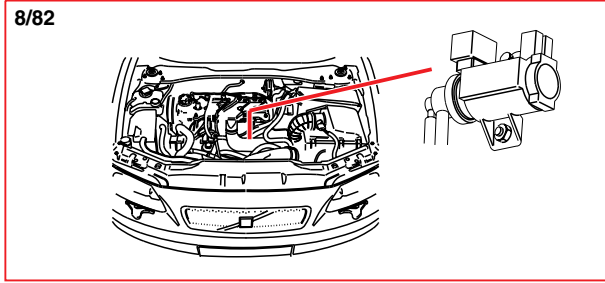
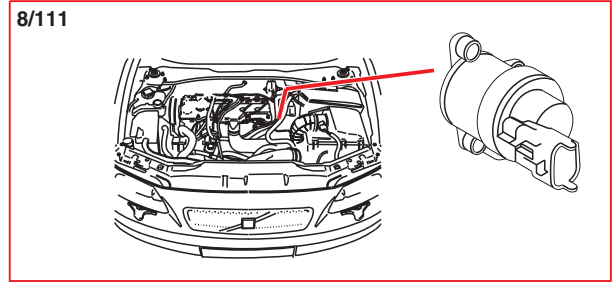
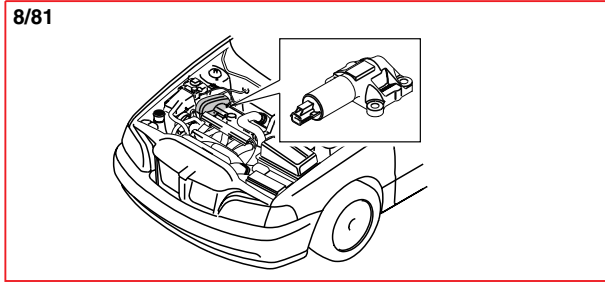
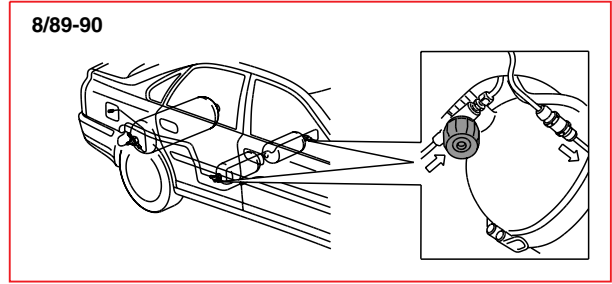
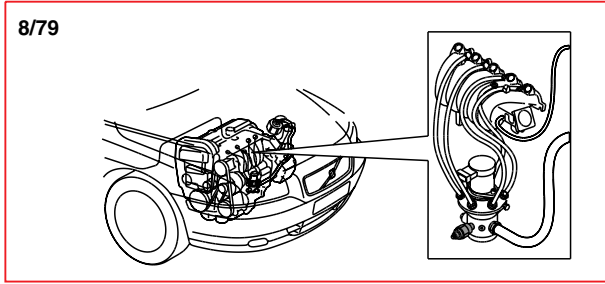
Component illustrations

8/51 - 8/78



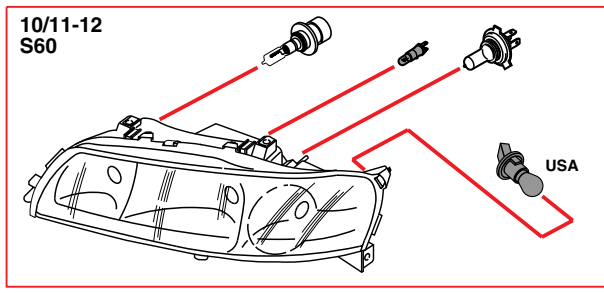
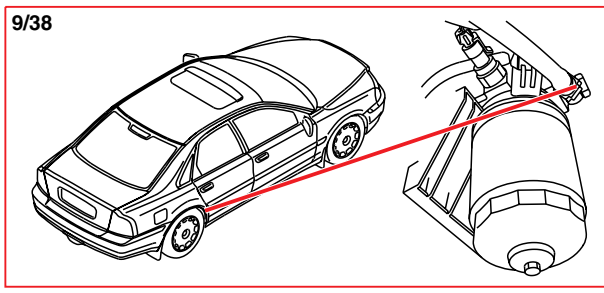
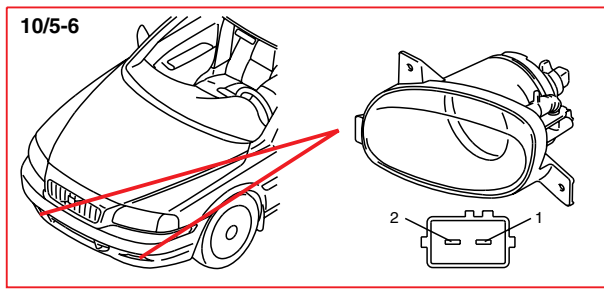
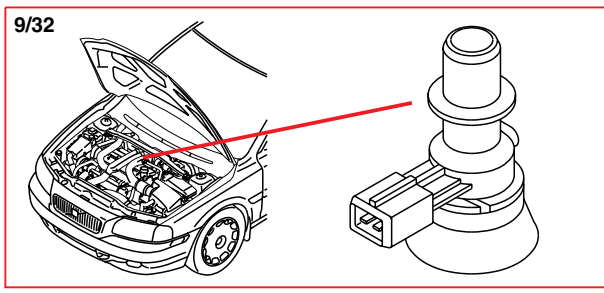
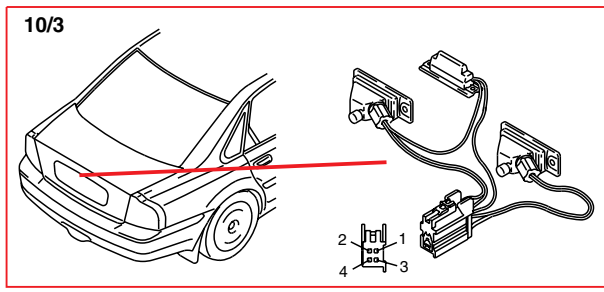
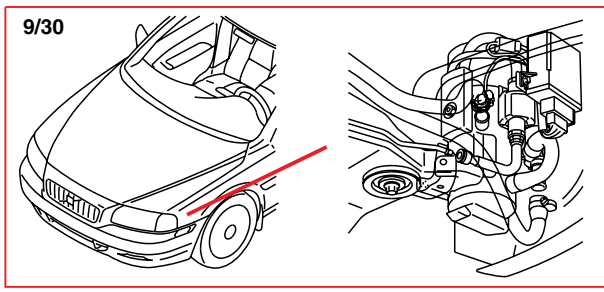
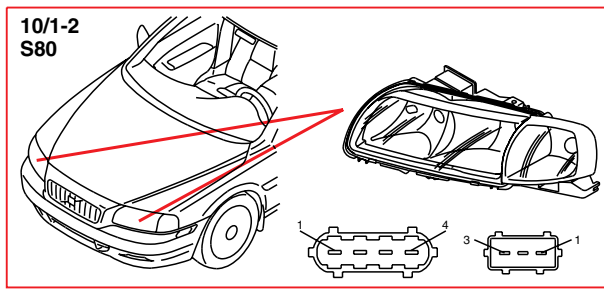
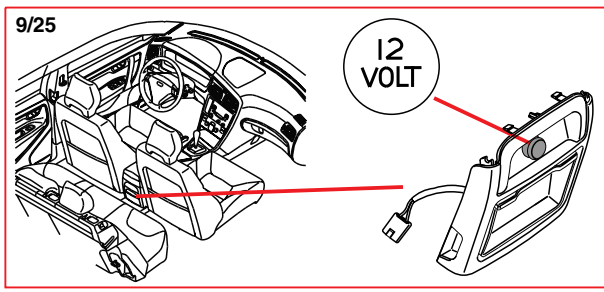
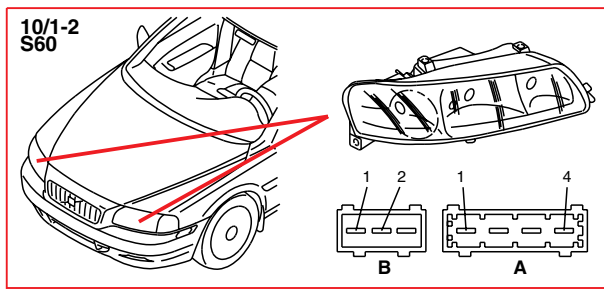
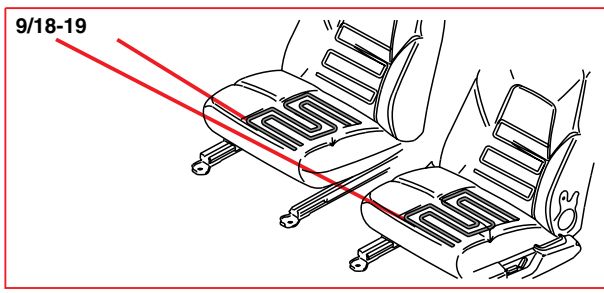
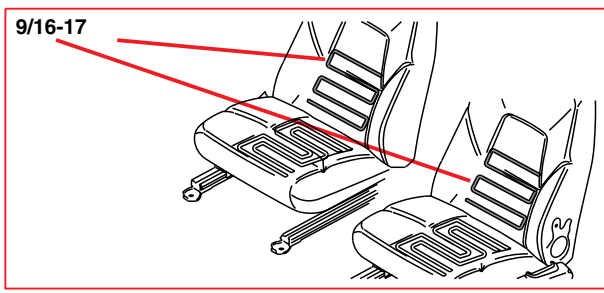
Component illustrations

8/79 - 9/13



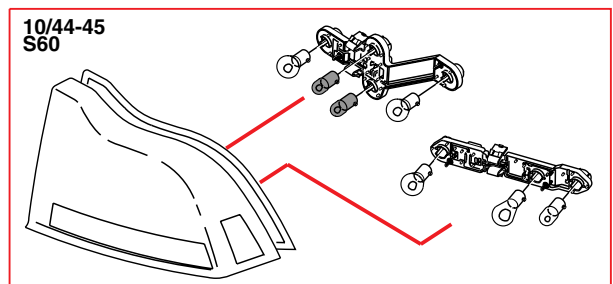
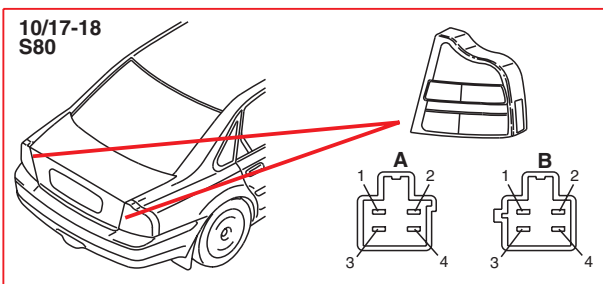
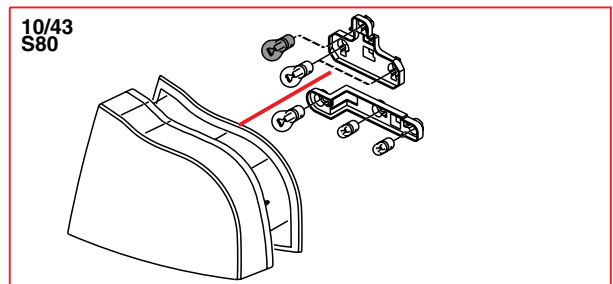
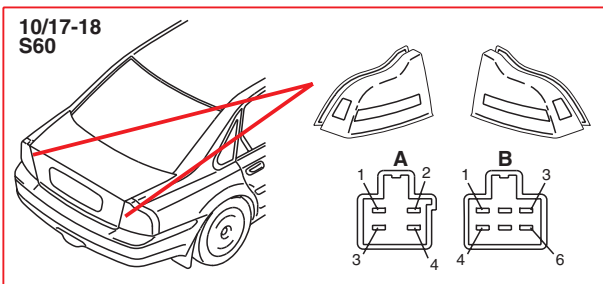
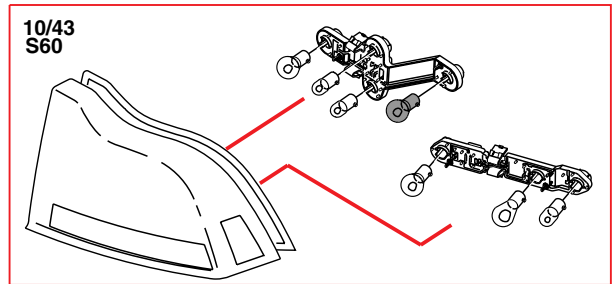
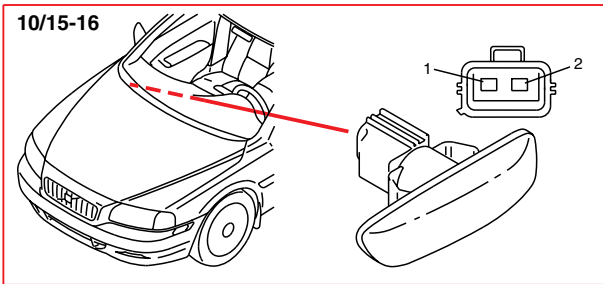
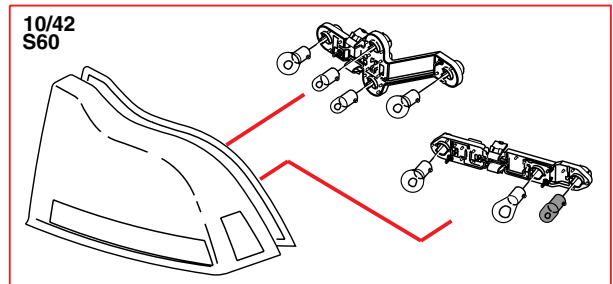
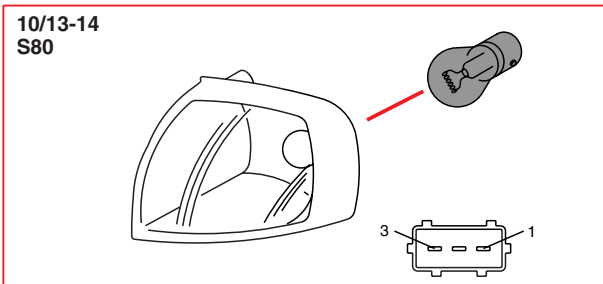
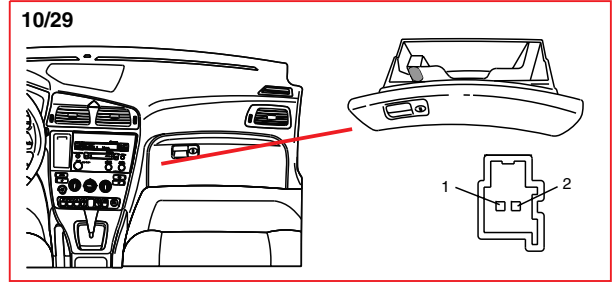
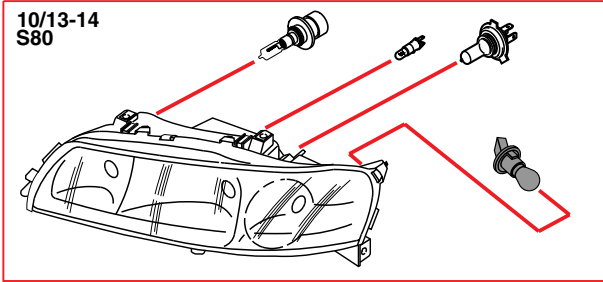
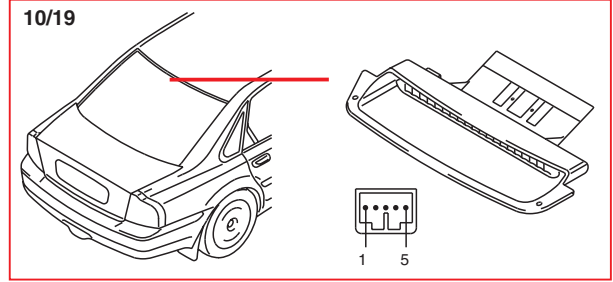
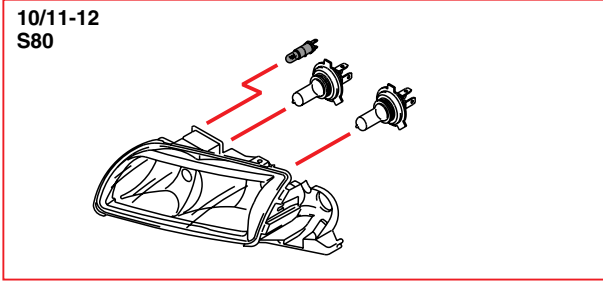
Component illustrations

9/16 - 10/12



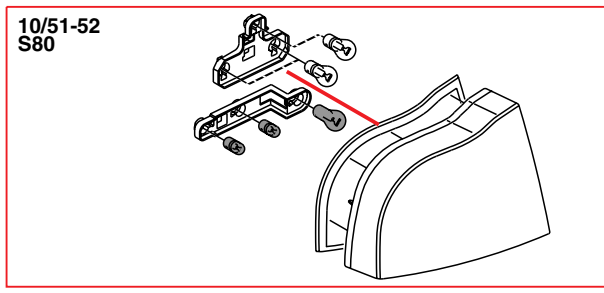
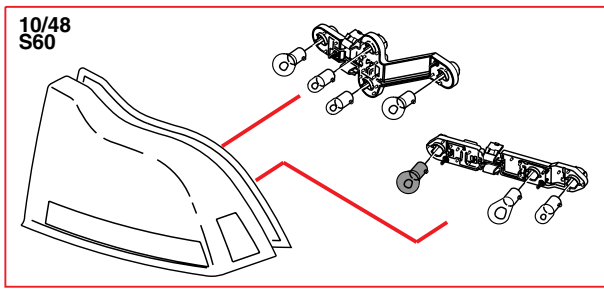
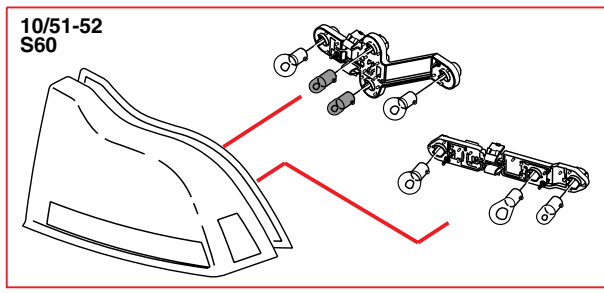
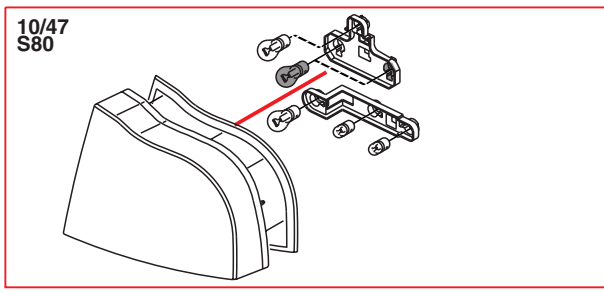
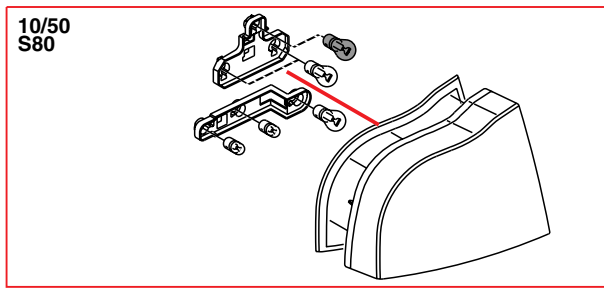
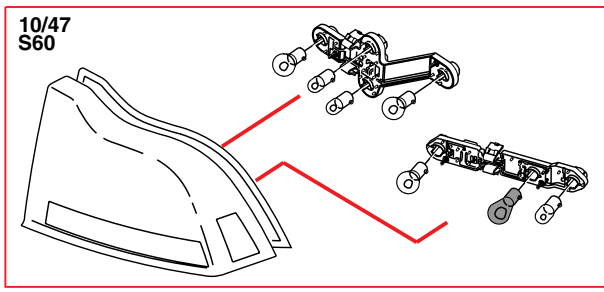
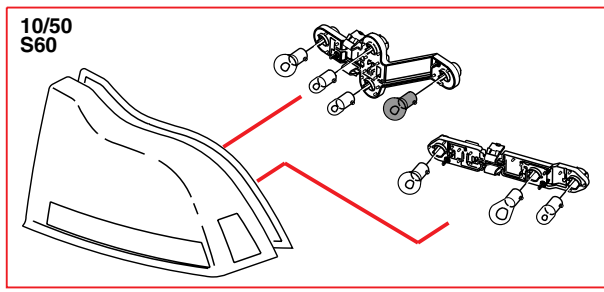
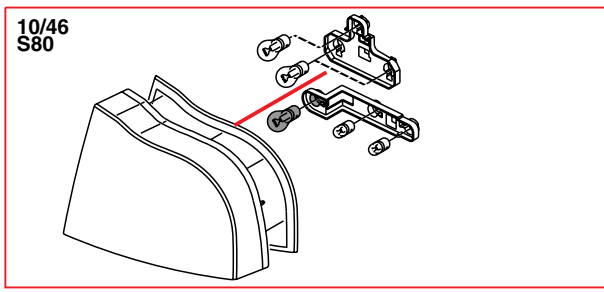
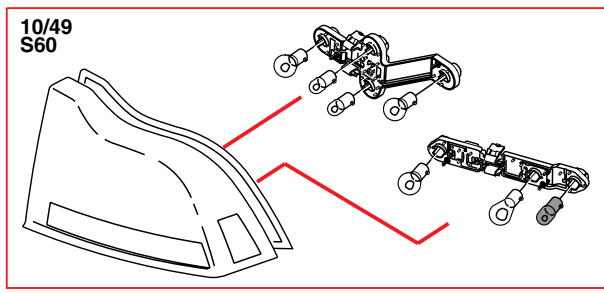
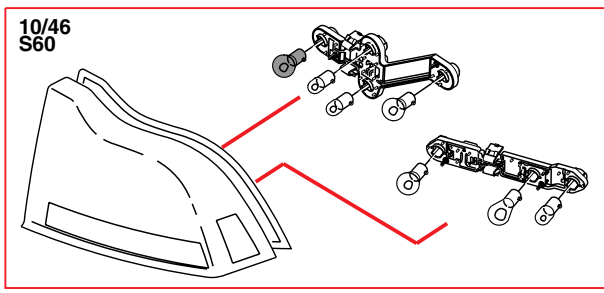
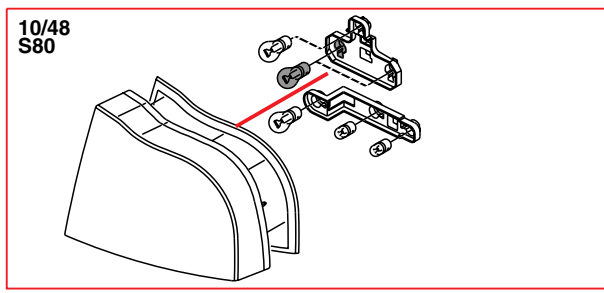
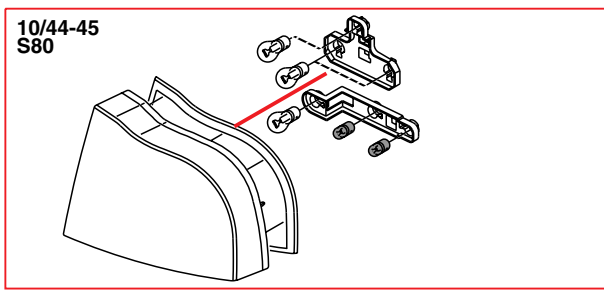
Component illustrations

10/11 - 10/45



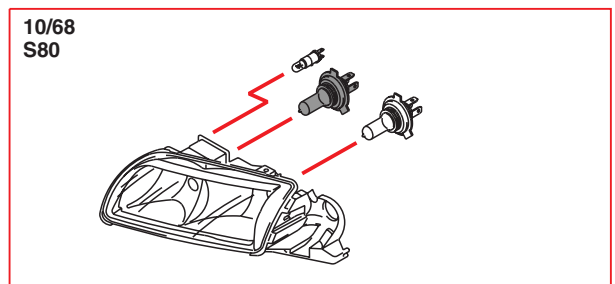
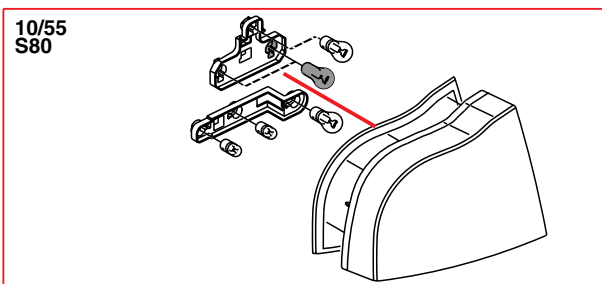
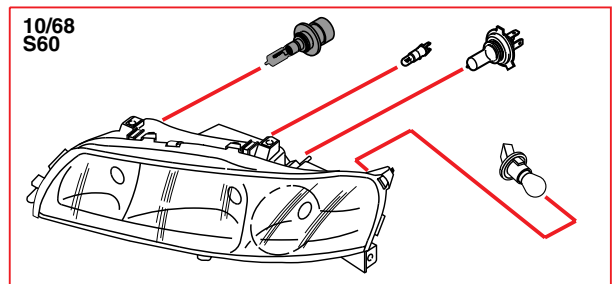
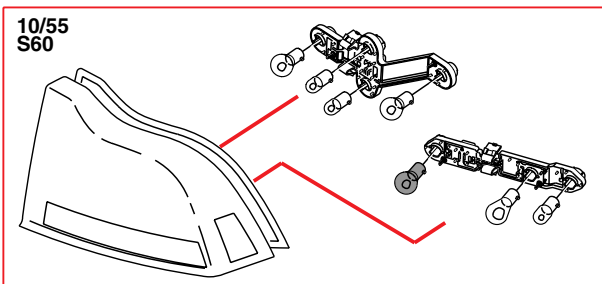
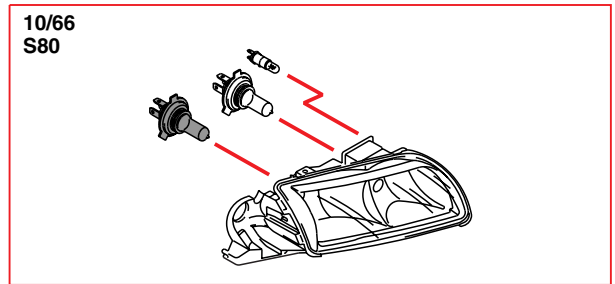
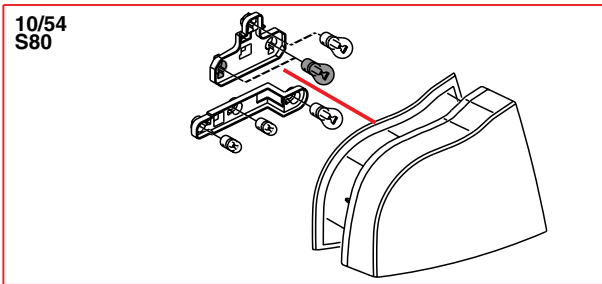
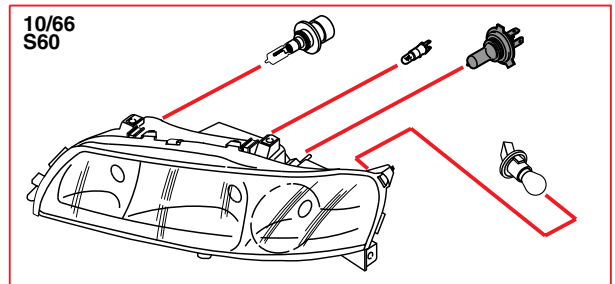
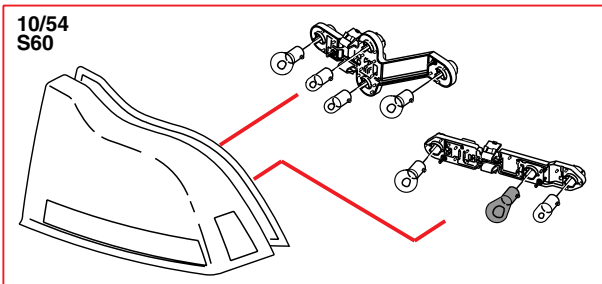
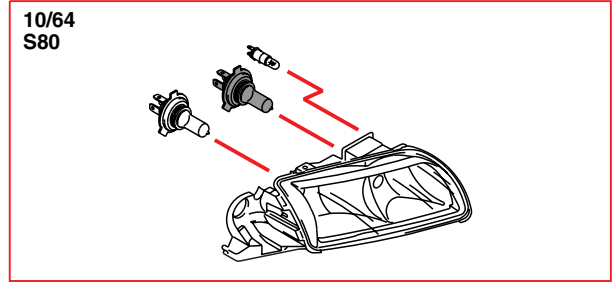
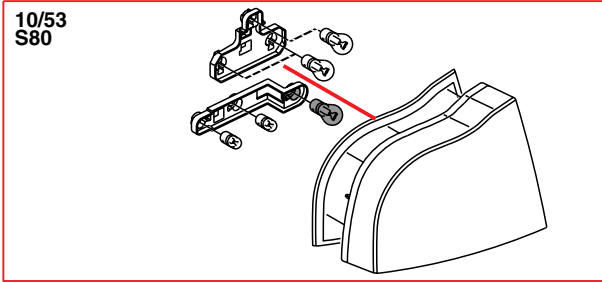
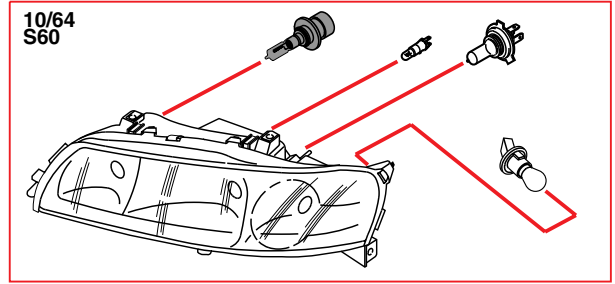
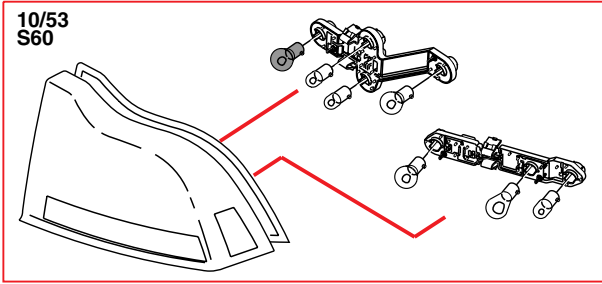
Component illustrations

10/44 - 10/52



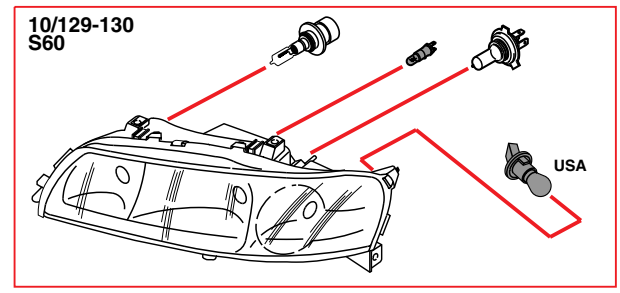
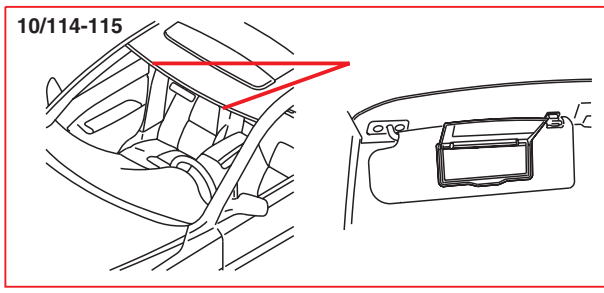
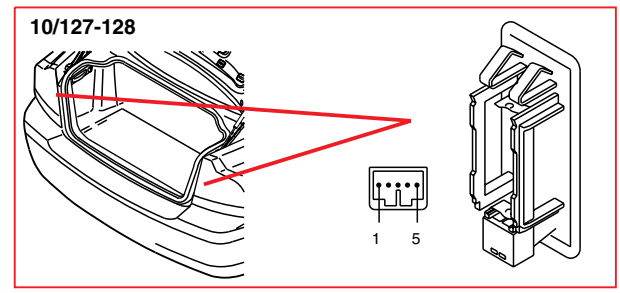
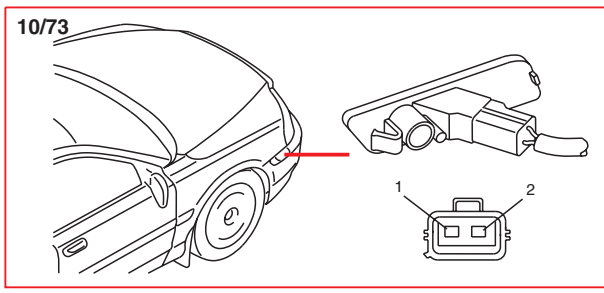
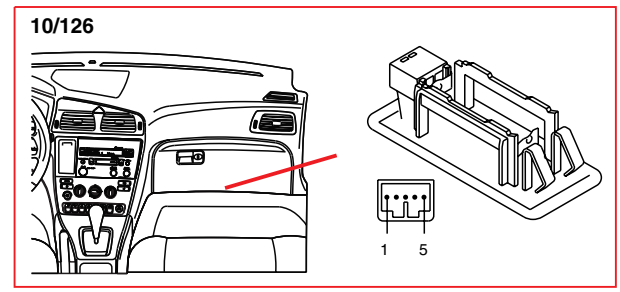
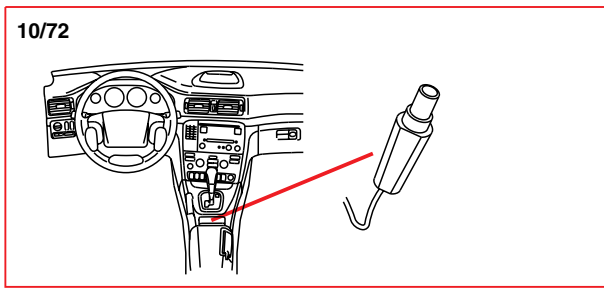
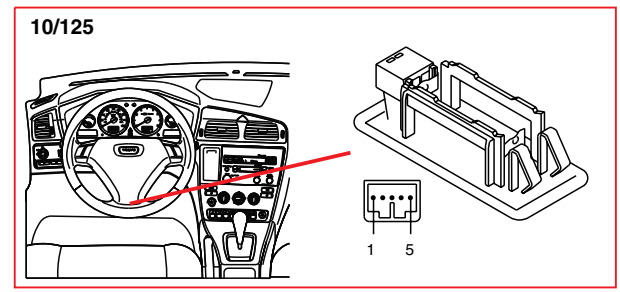
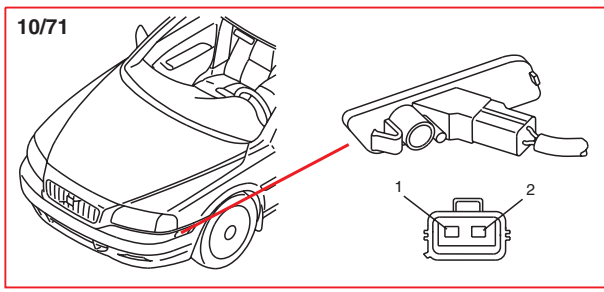
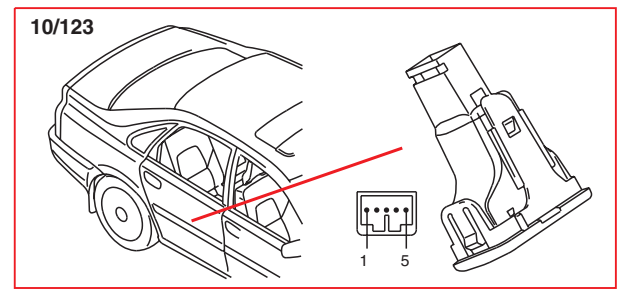
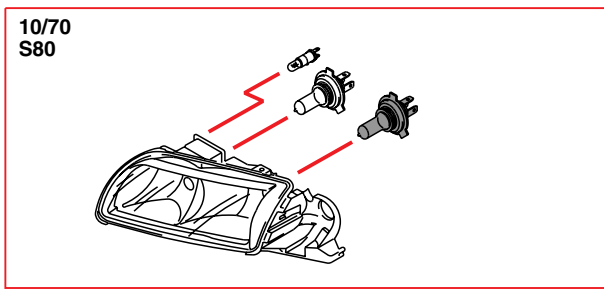
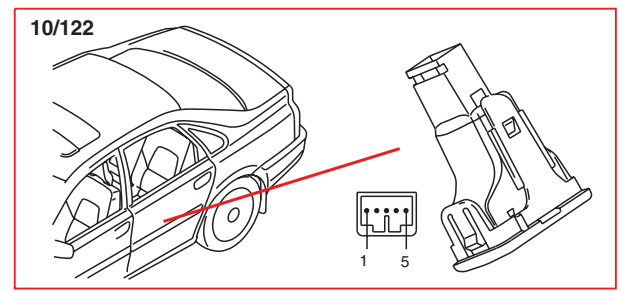
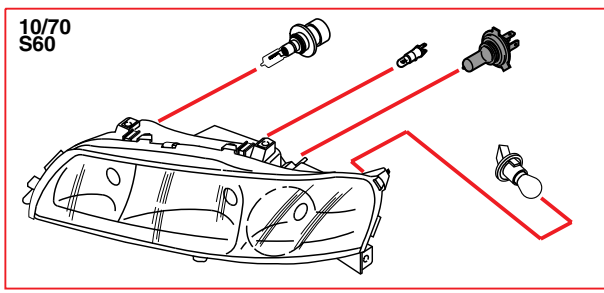
Component illustrations

10/53 - 10/68



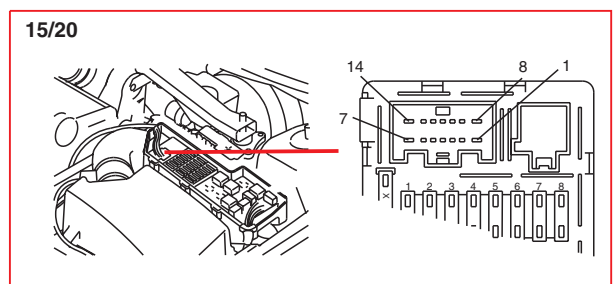
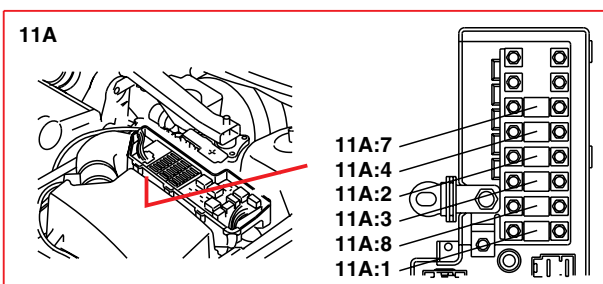
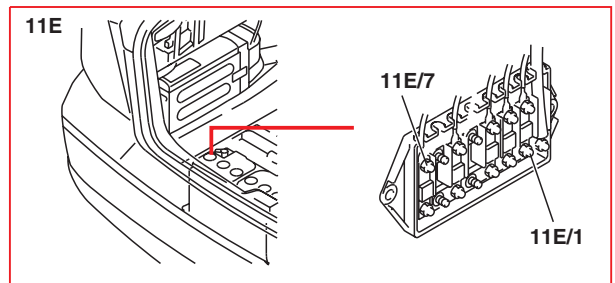
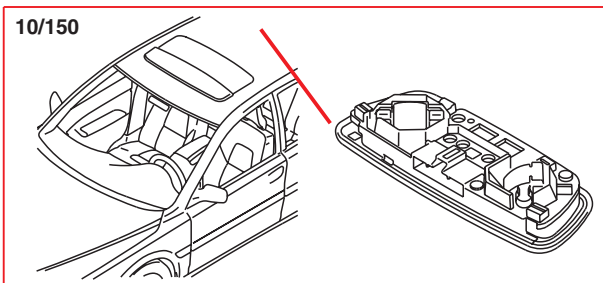
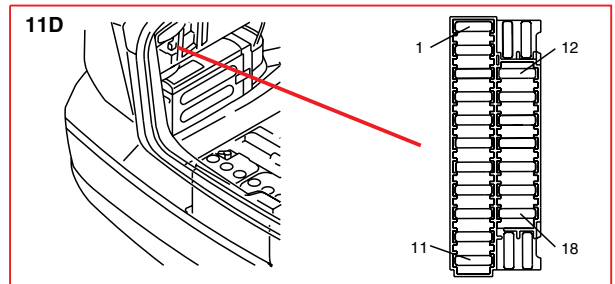
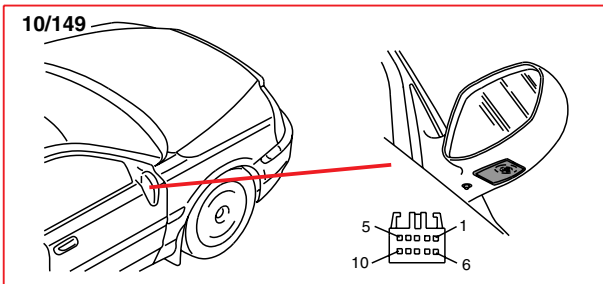
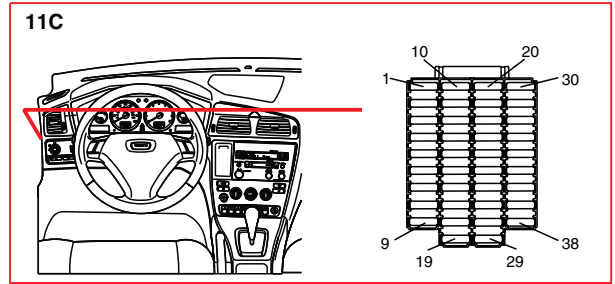
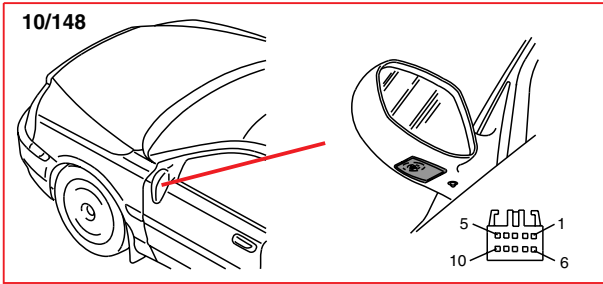
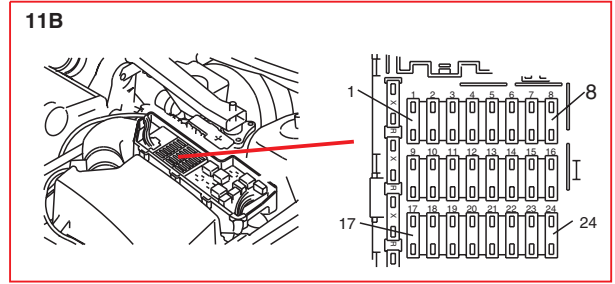
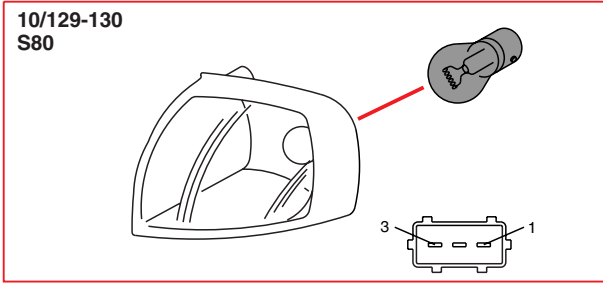
Component illustrations

10/70 - 10/130



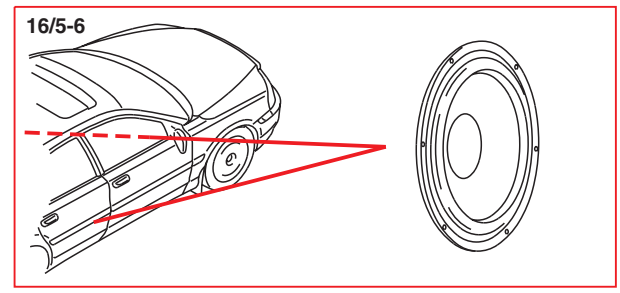
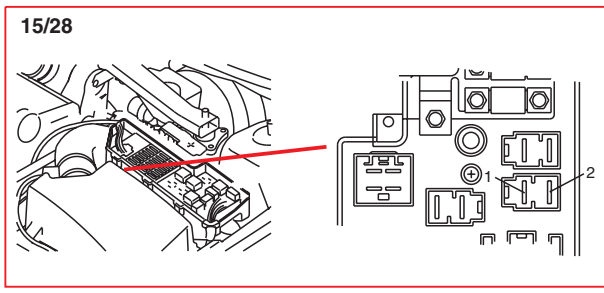
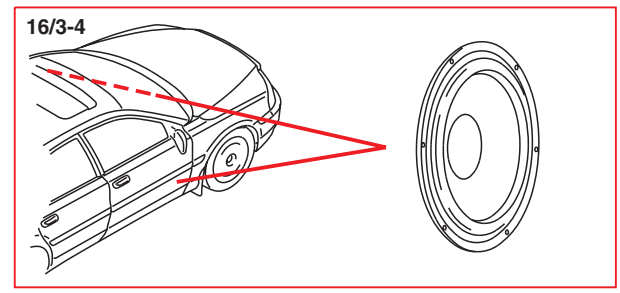
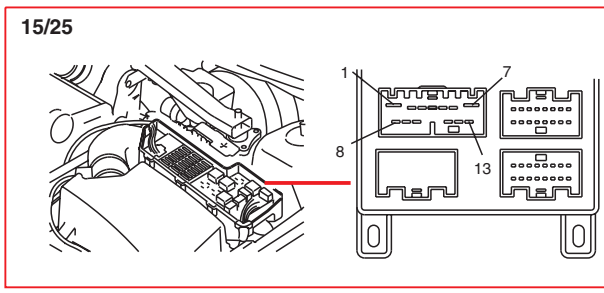
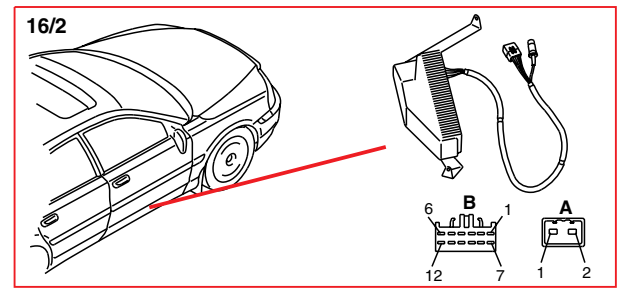
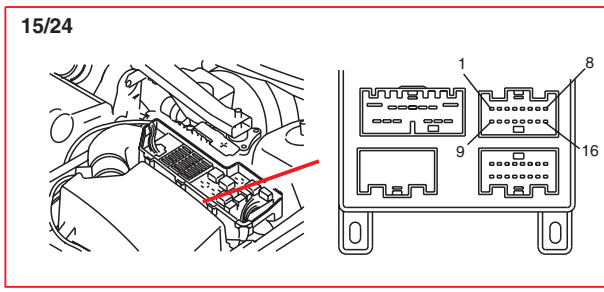
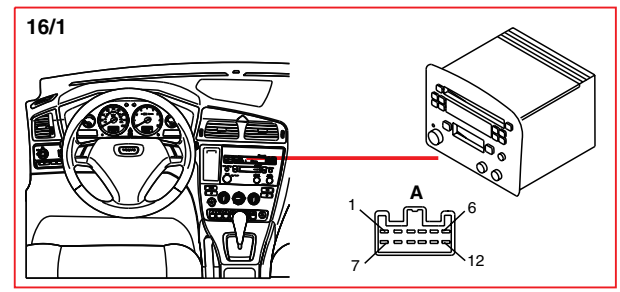
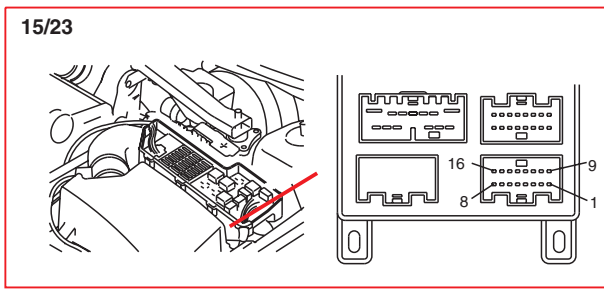
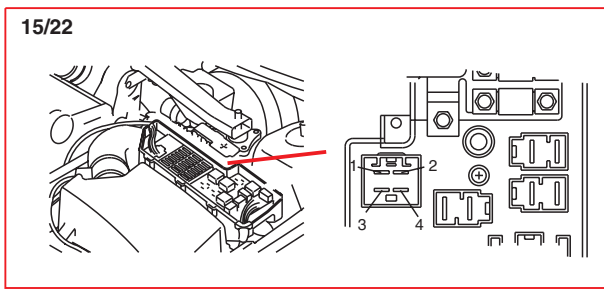
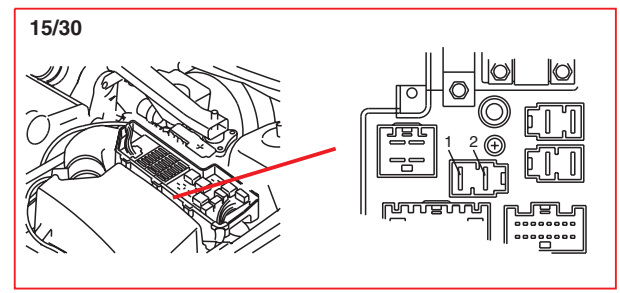
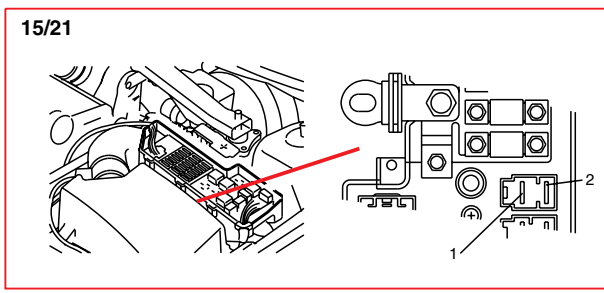
Component illustrations

10/129 - 15/20



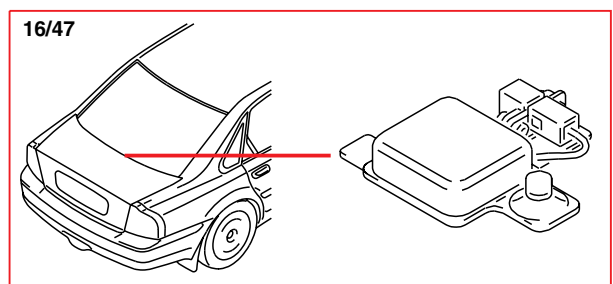
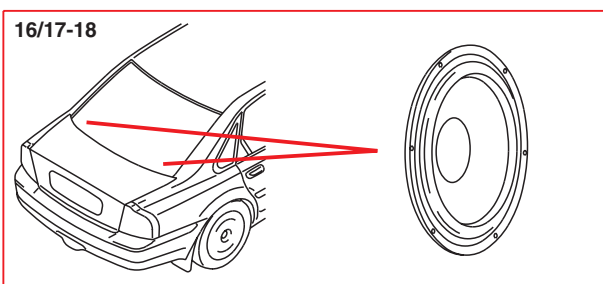
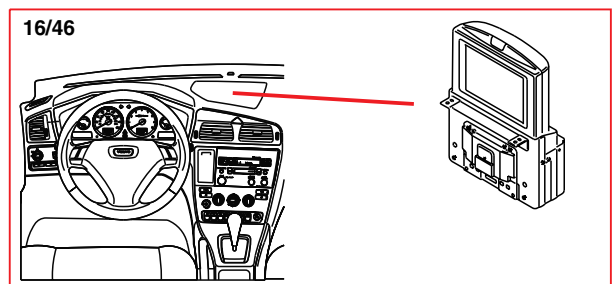
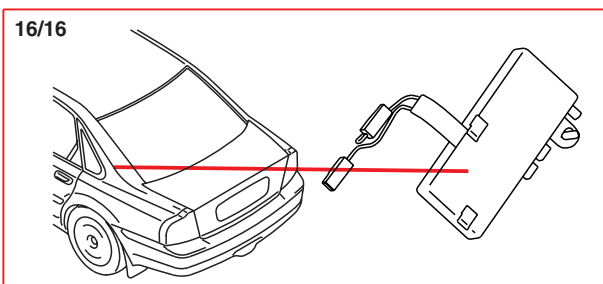
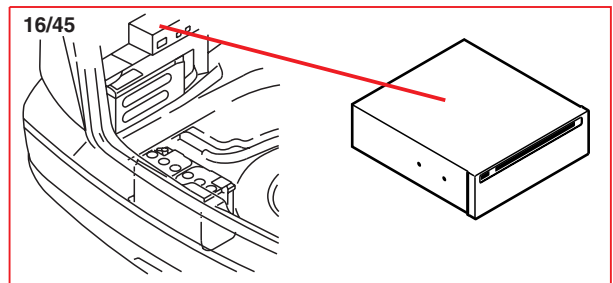
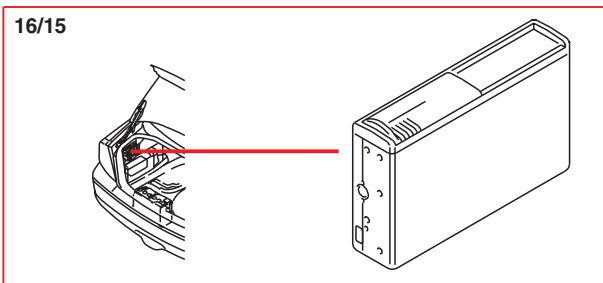
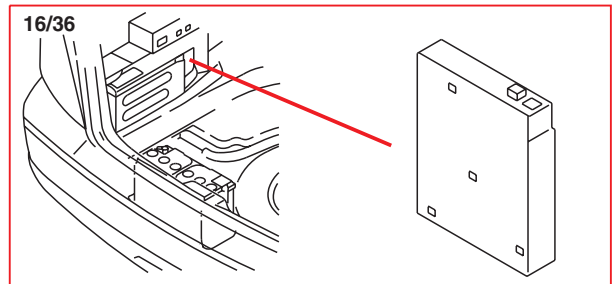
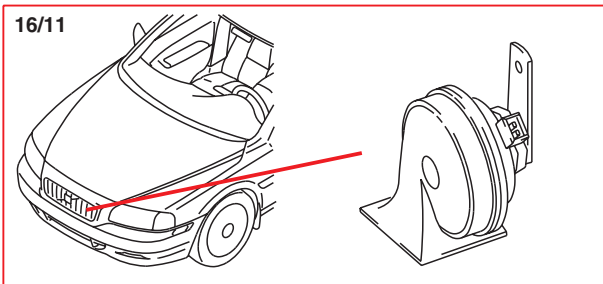
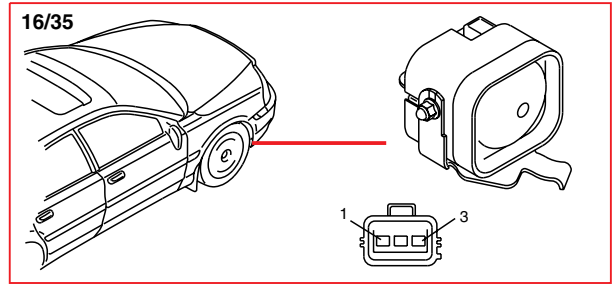
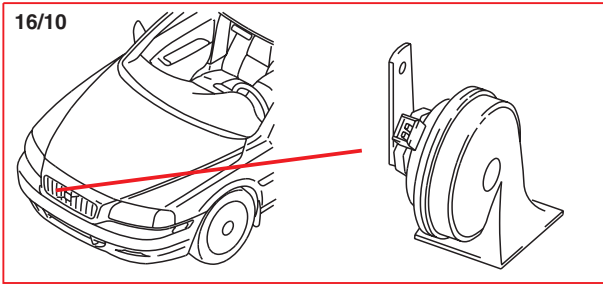
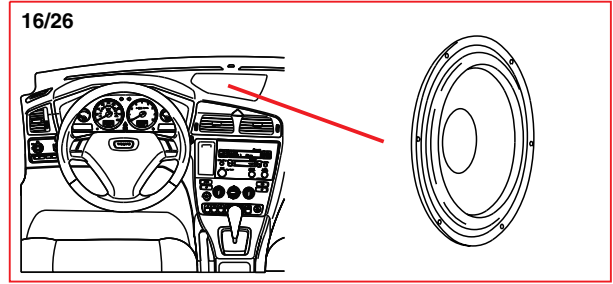
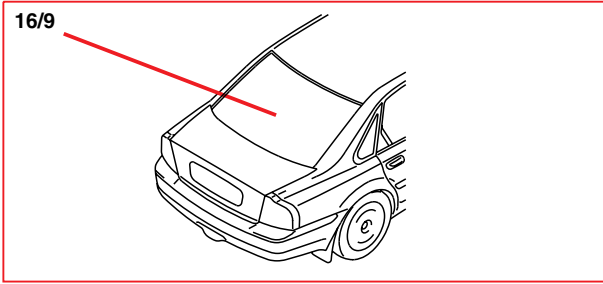
Component illustrations

15/21 - 16/6



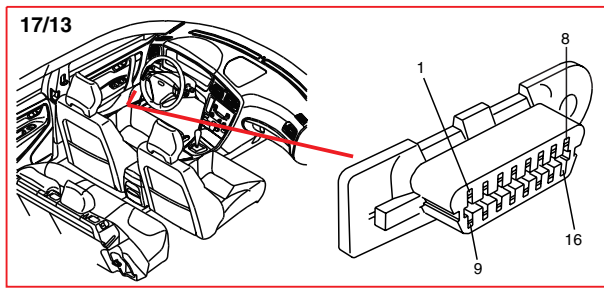
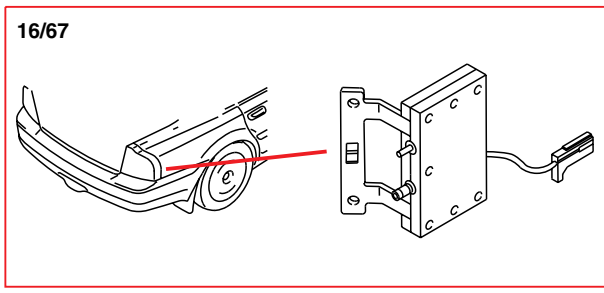
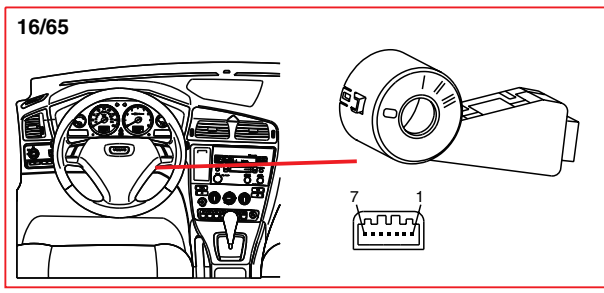
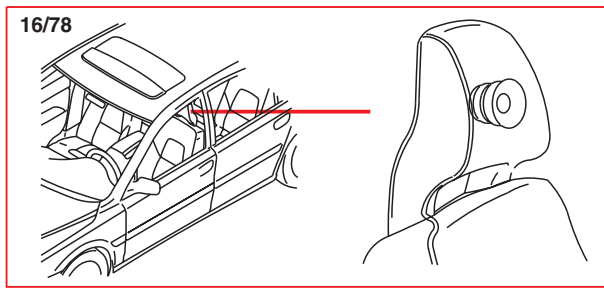
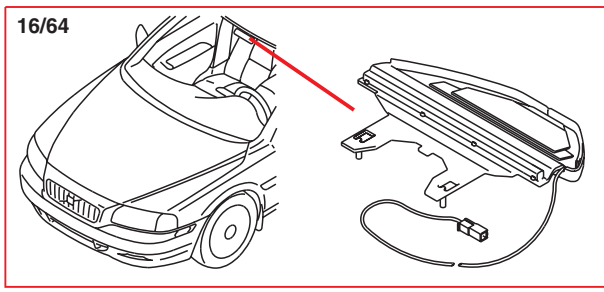
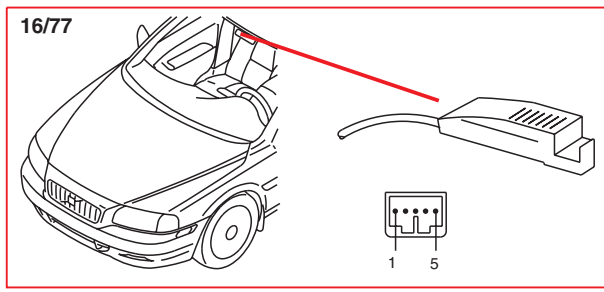
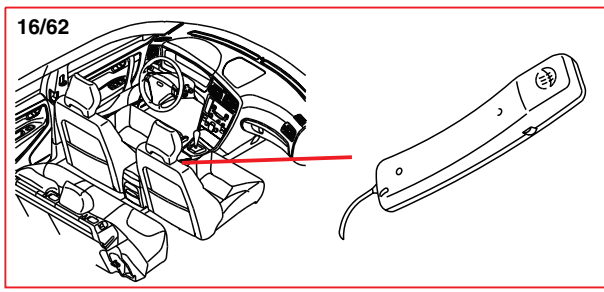
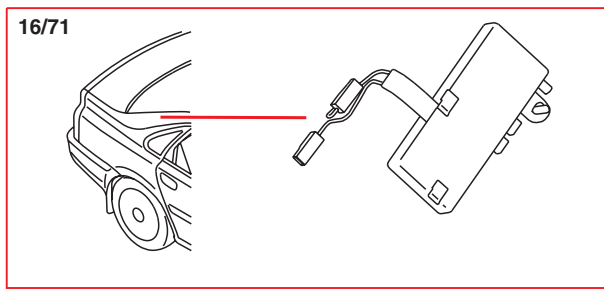
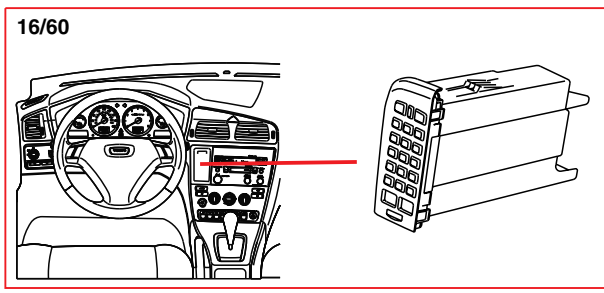
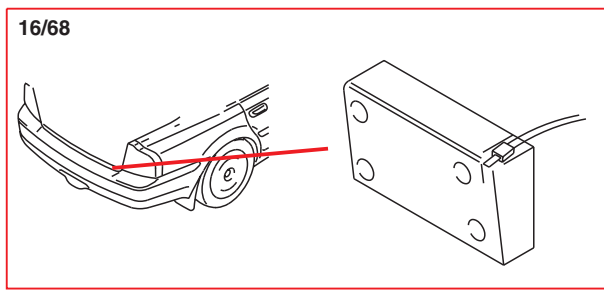
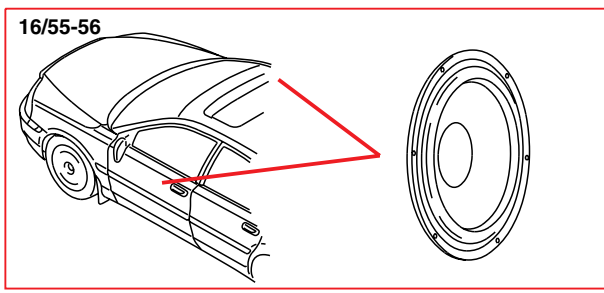
Component illustrations

16/9 - 16/47



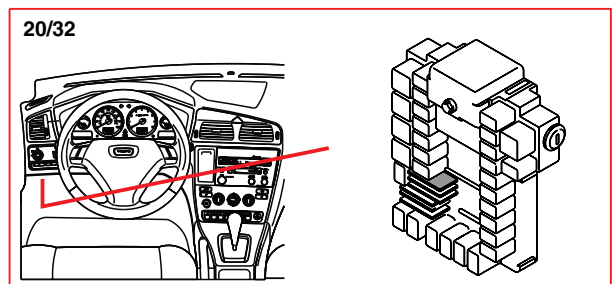
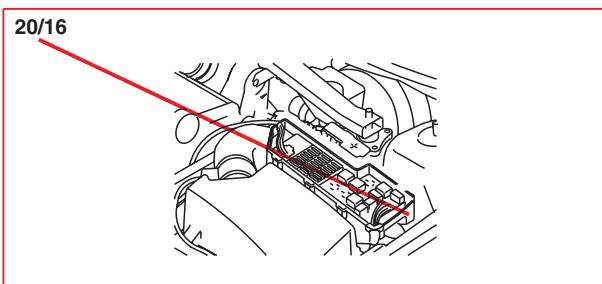
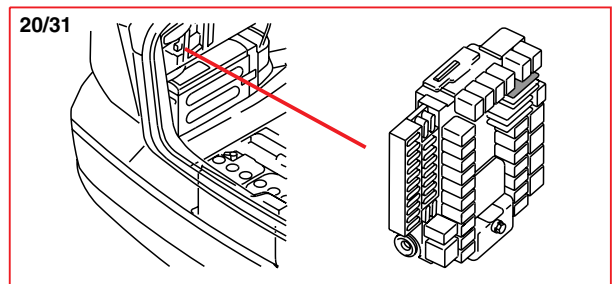
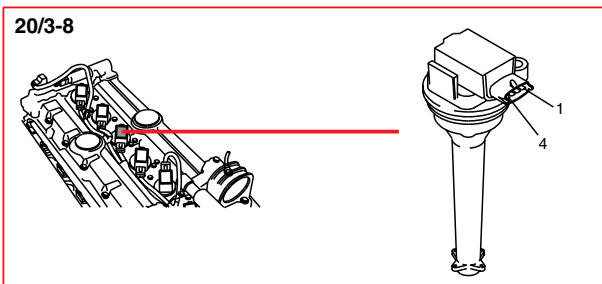
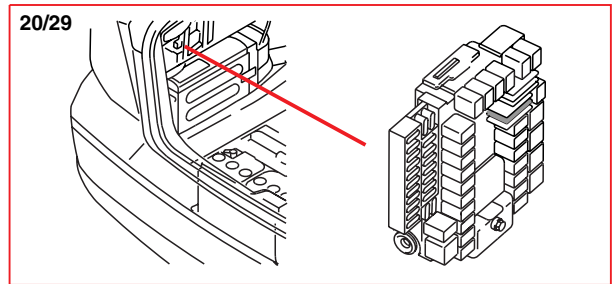
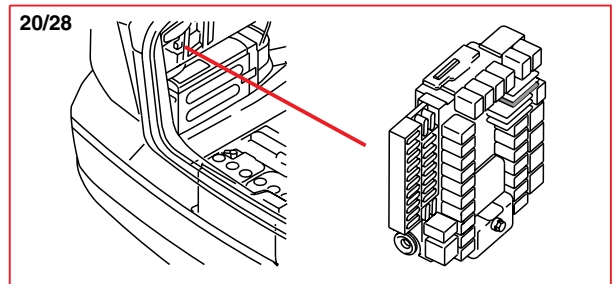
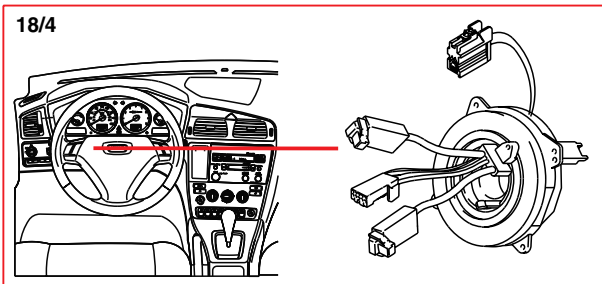
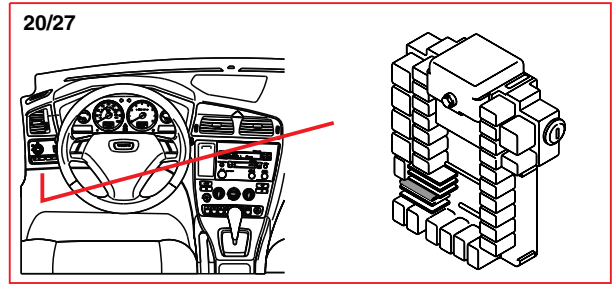
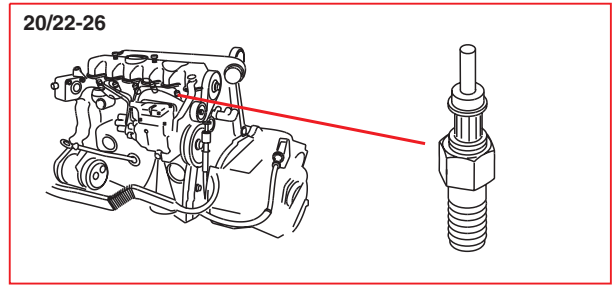
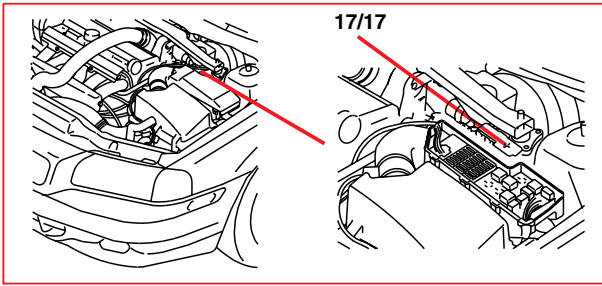
Component illustrations

16/55 - 17/13



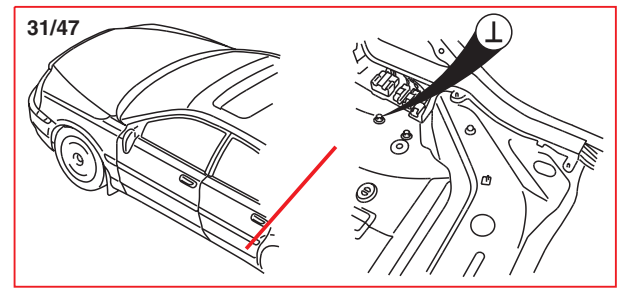
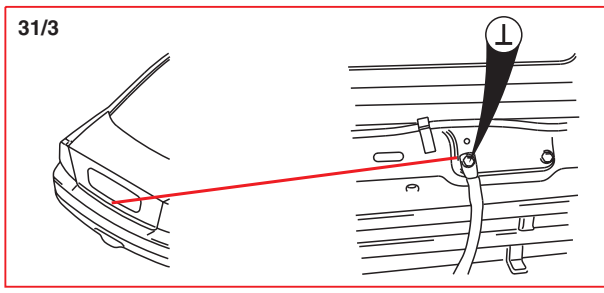
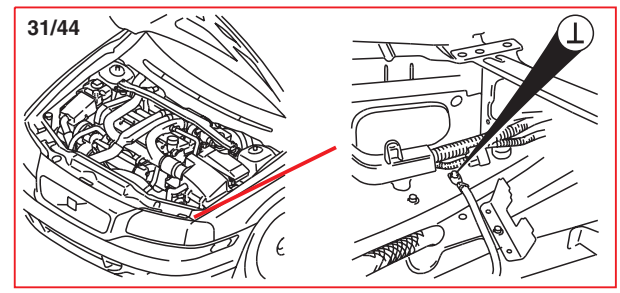
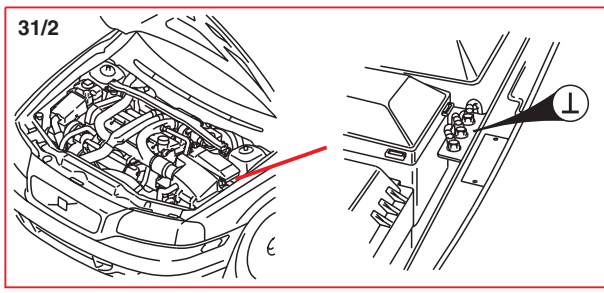
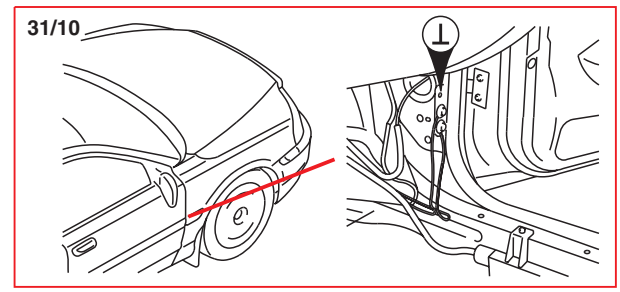
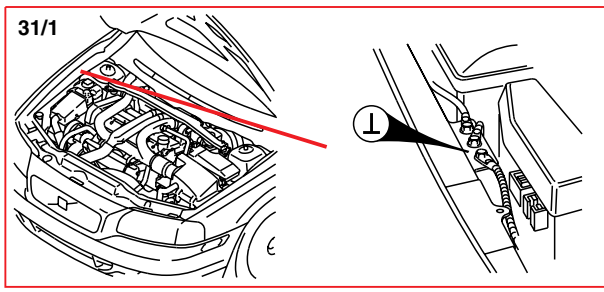
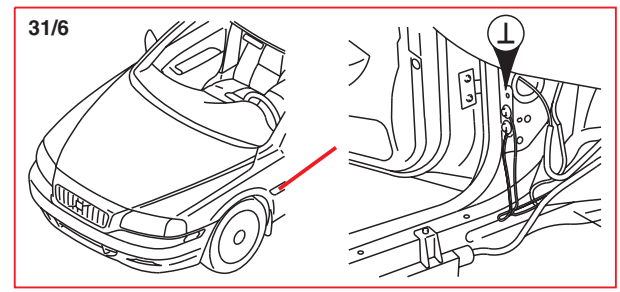
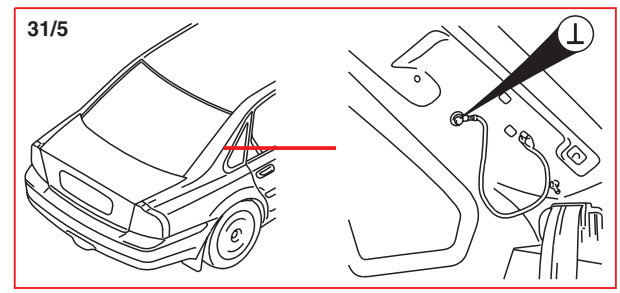
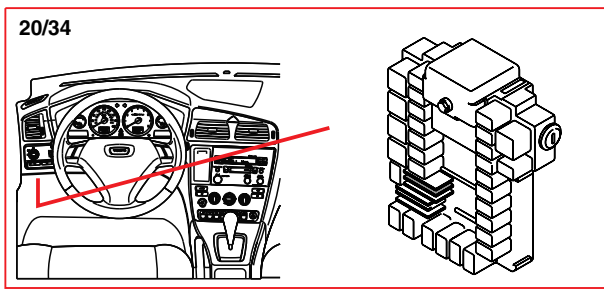
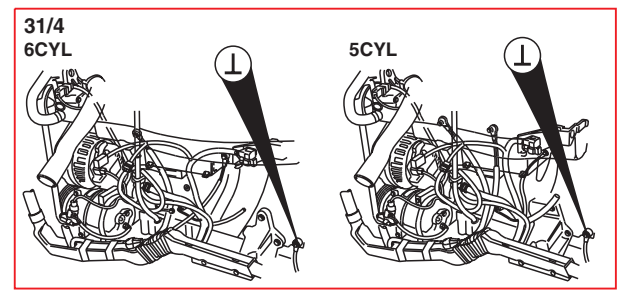
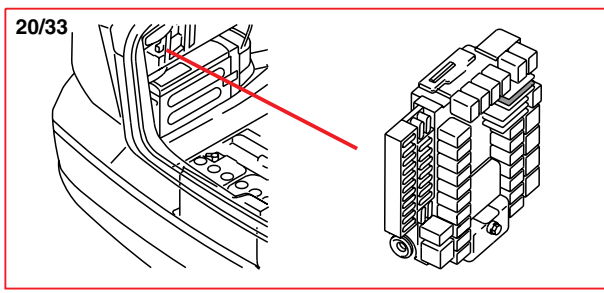
Component illustrations

17/17 - 20/32



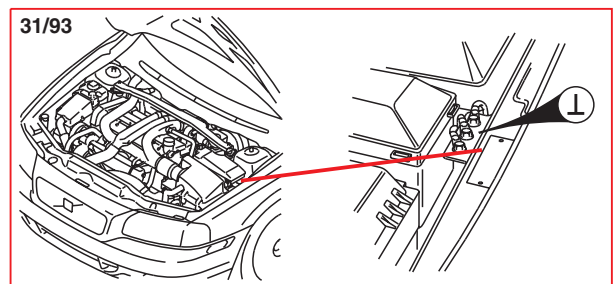
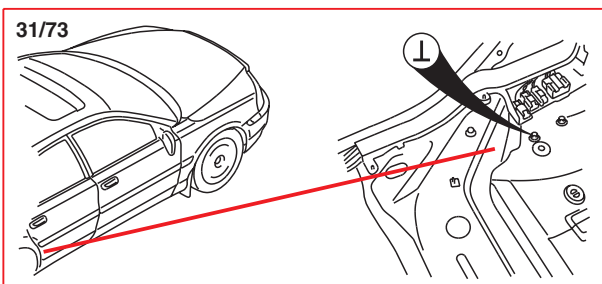
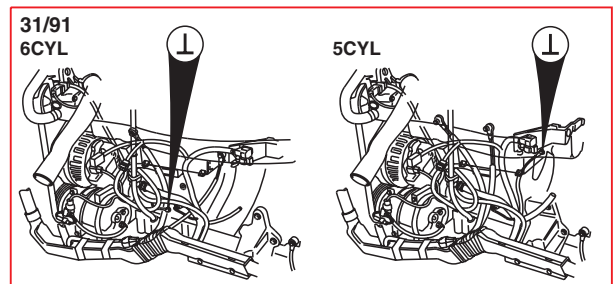
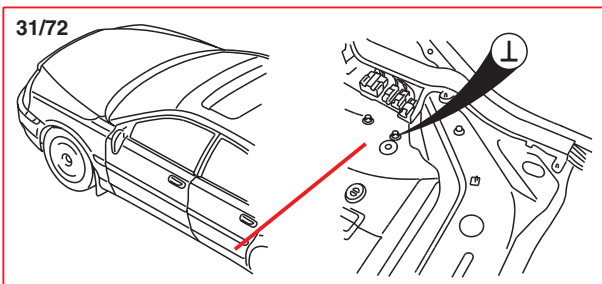
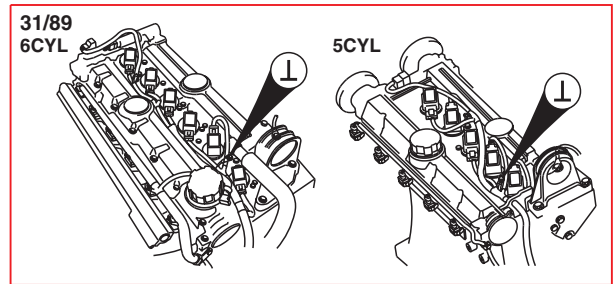
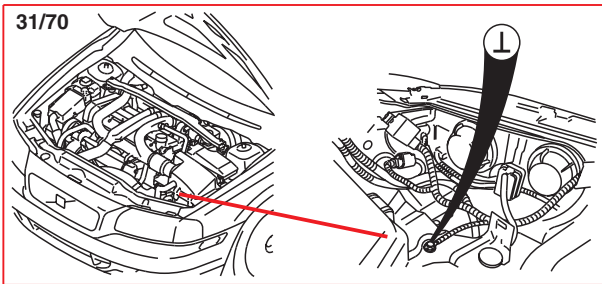
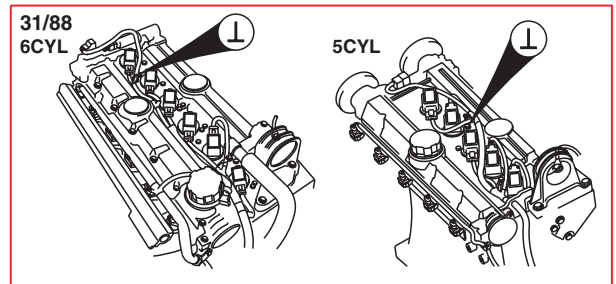
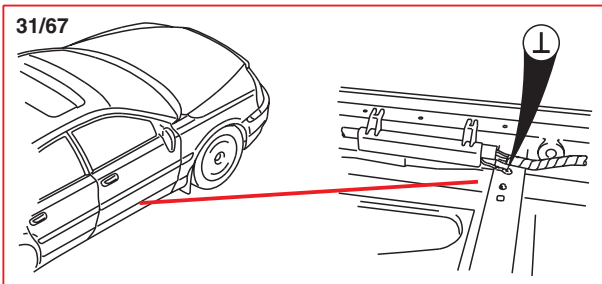
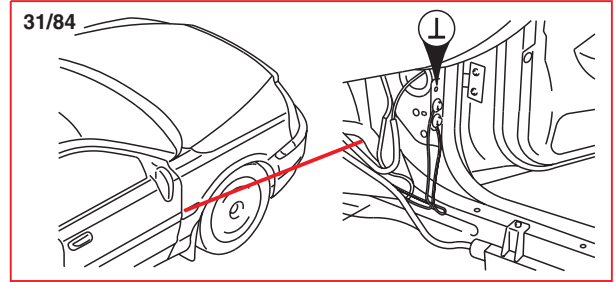
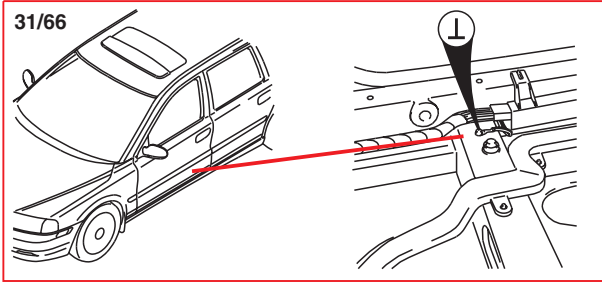
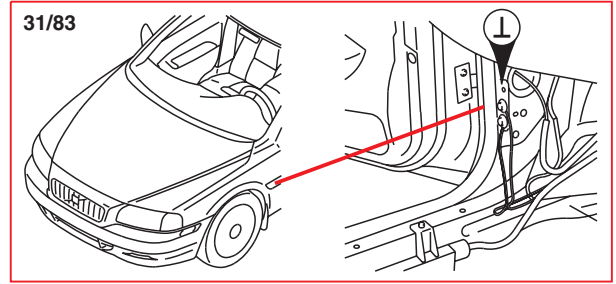
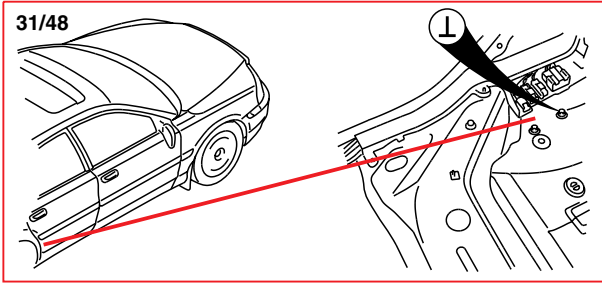
Component illustrations

20/33 - 31/47



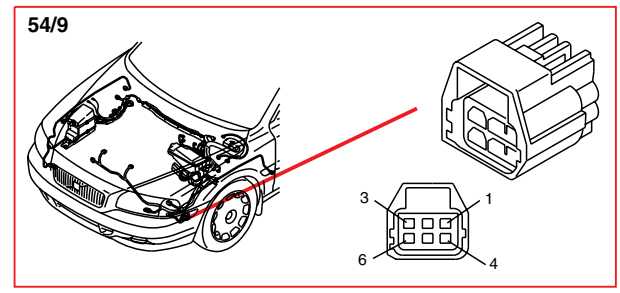
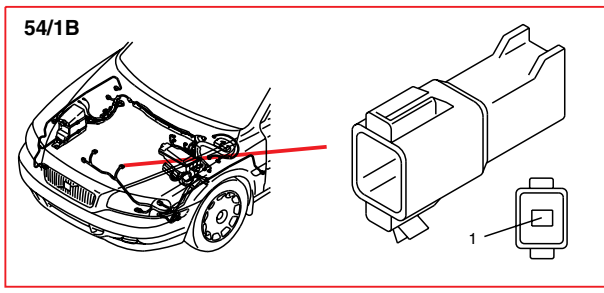
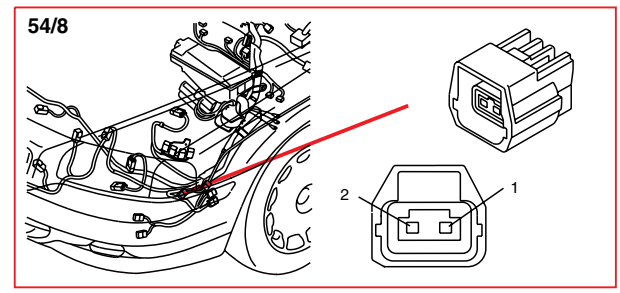
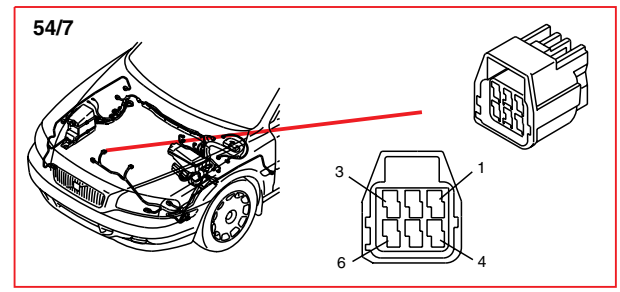
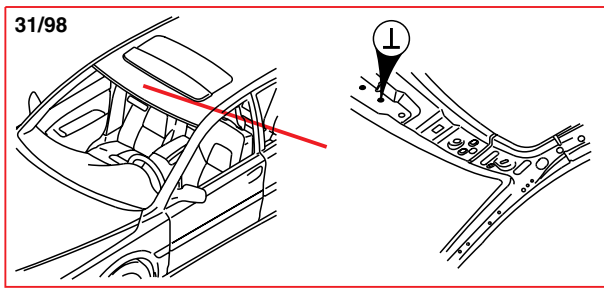
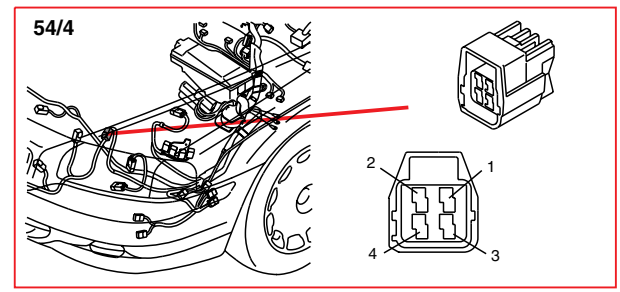
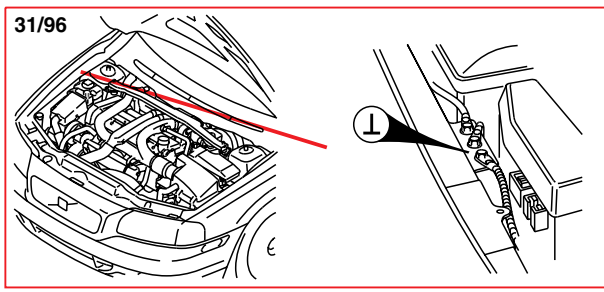
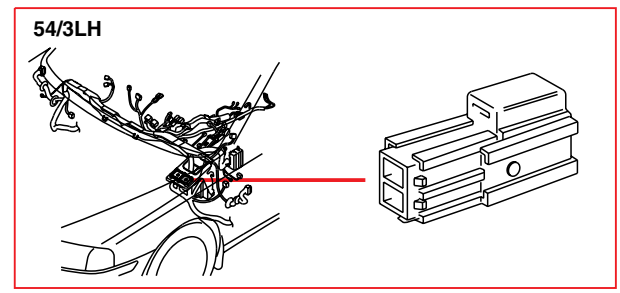
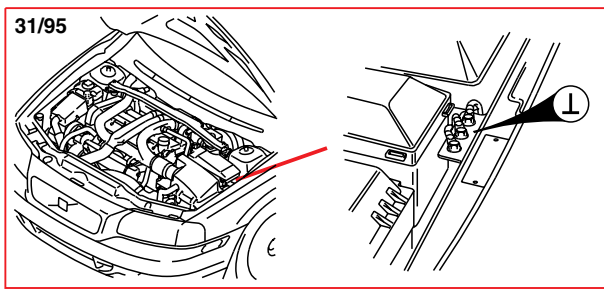
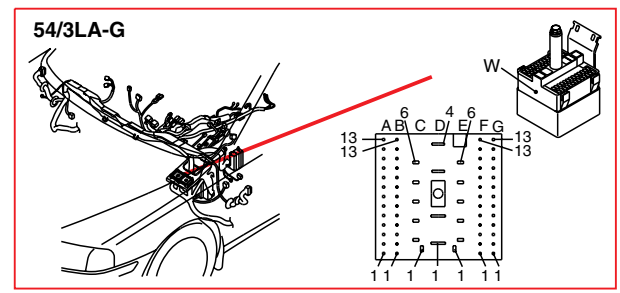
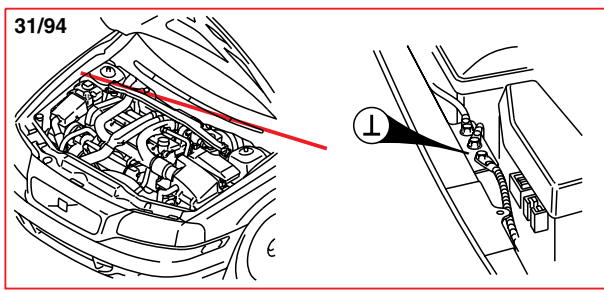
Component illustrations

31/48 - 31/93



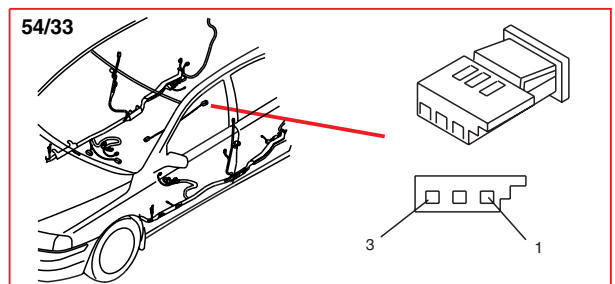
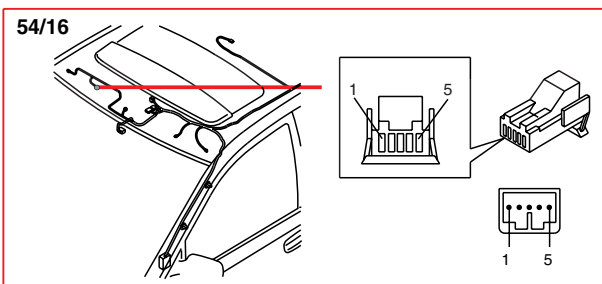
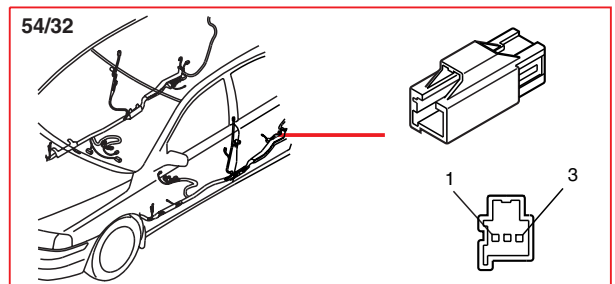
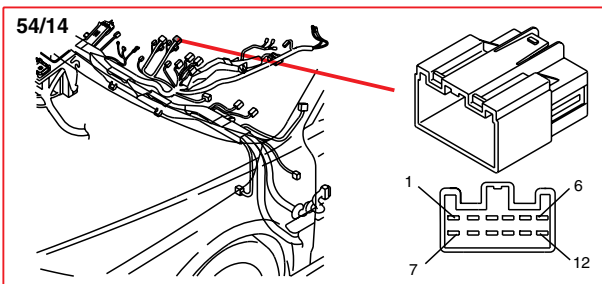
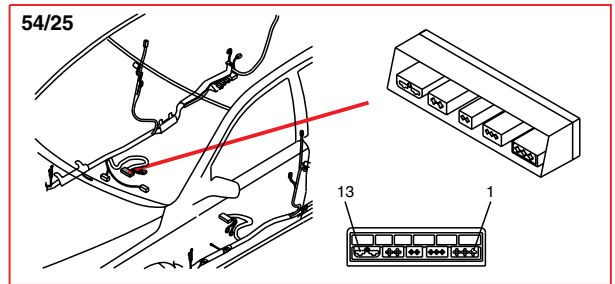
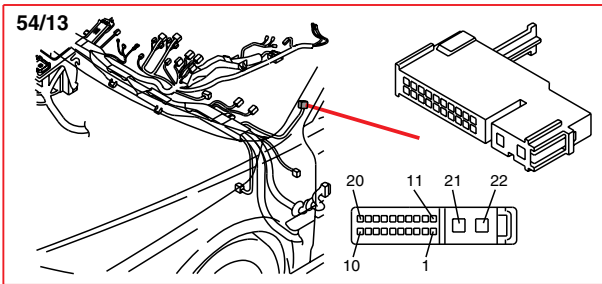
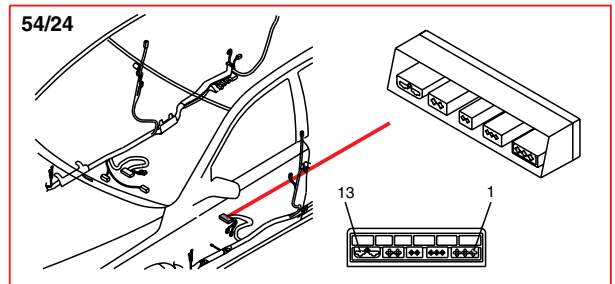
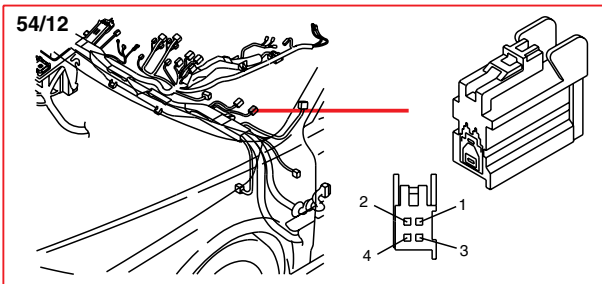
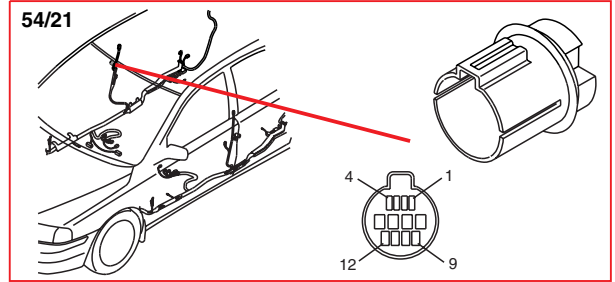
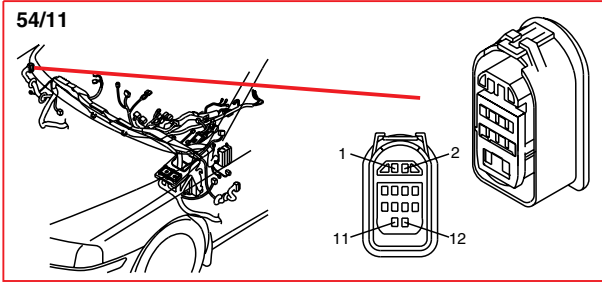
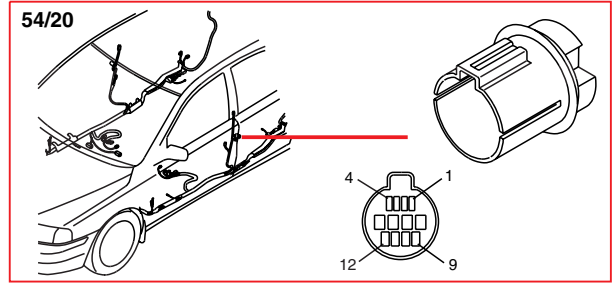
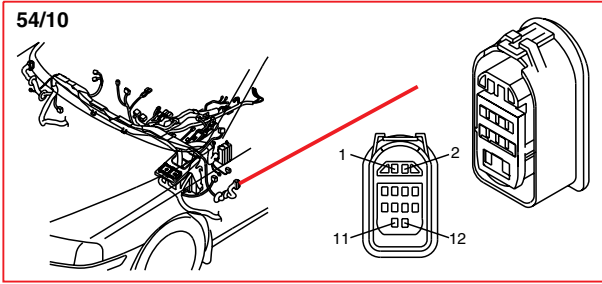
Component illustrations

31/94 - 54/9



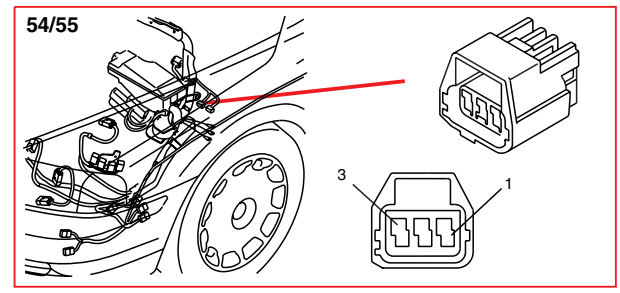
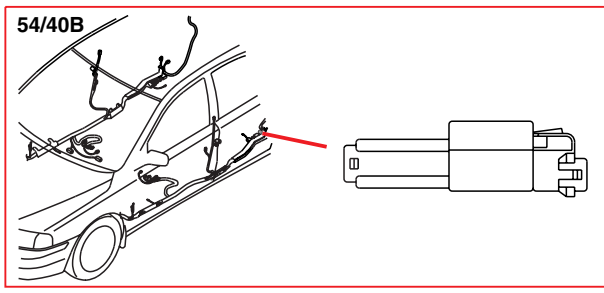
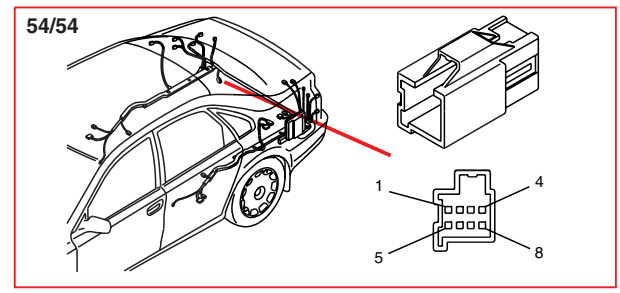
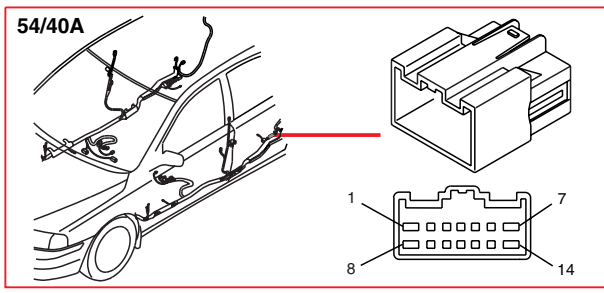
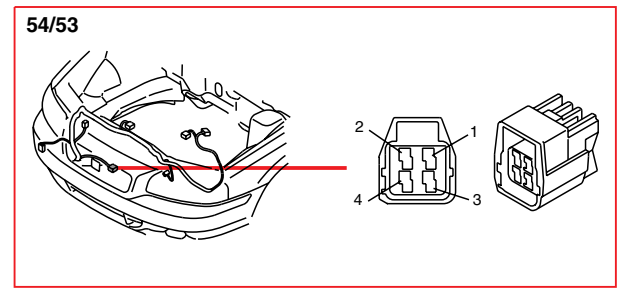
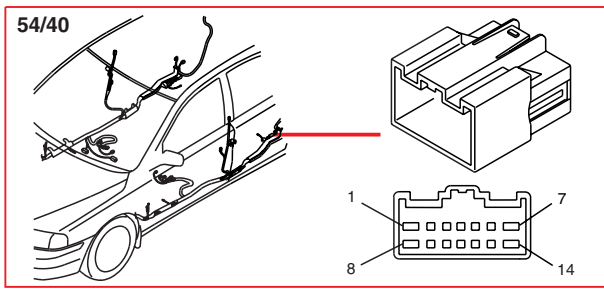
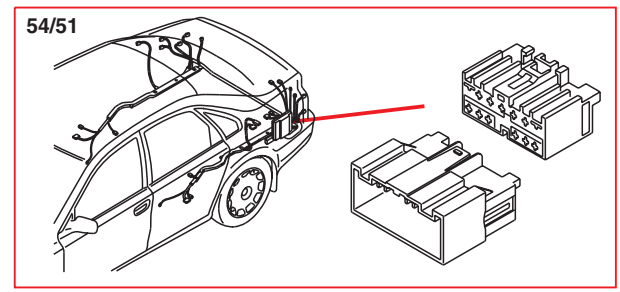
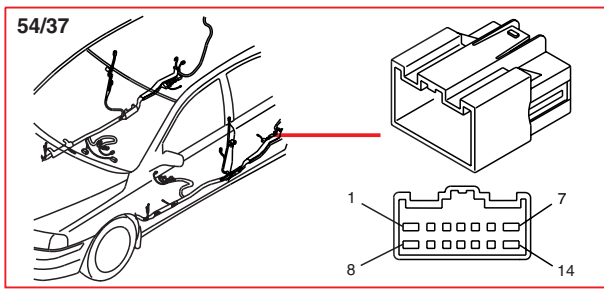
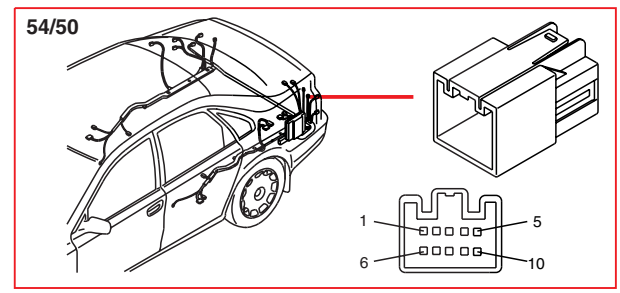
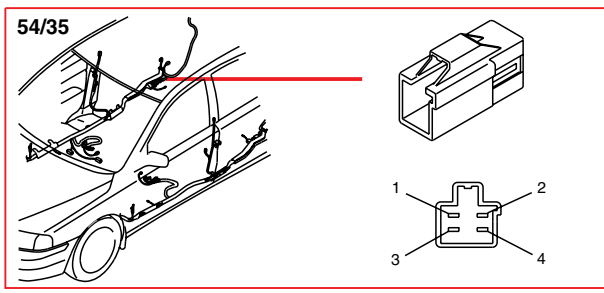
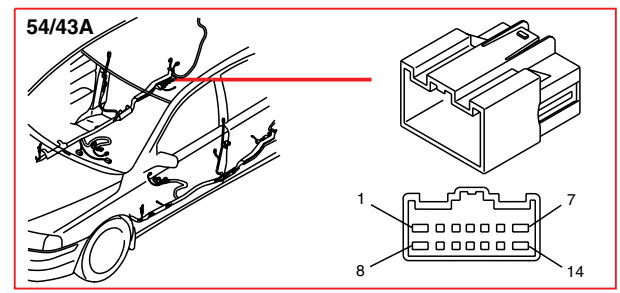
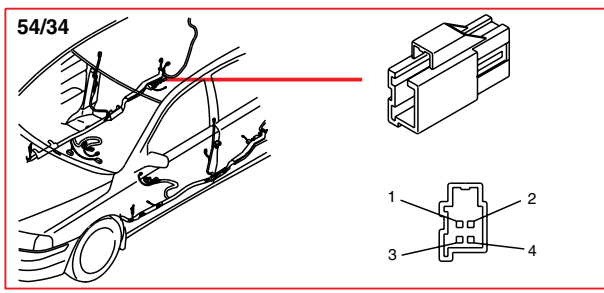
Component illustrations

54/10 - 54/33



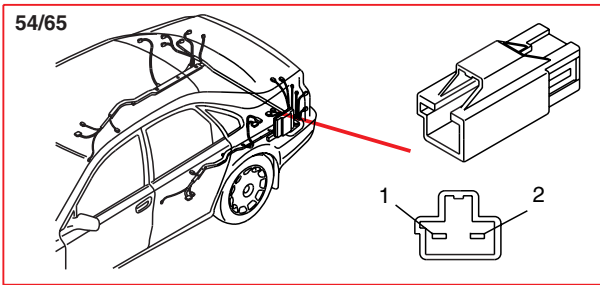
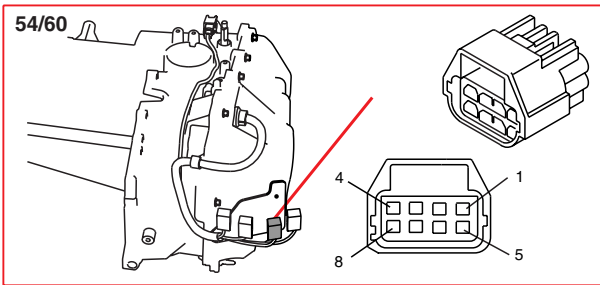
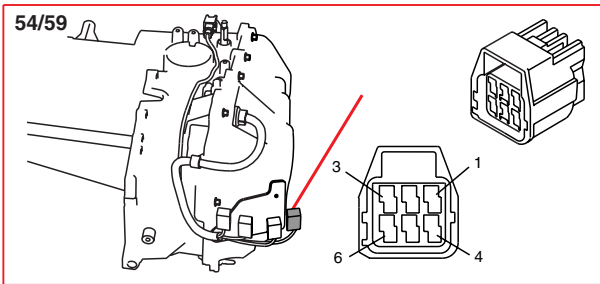
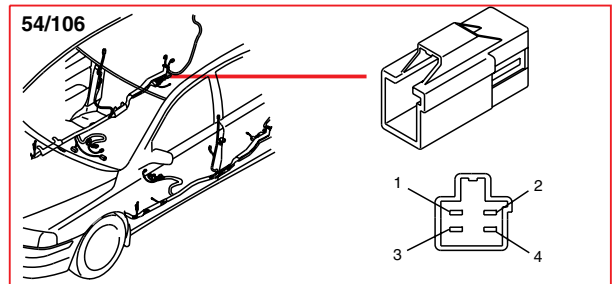
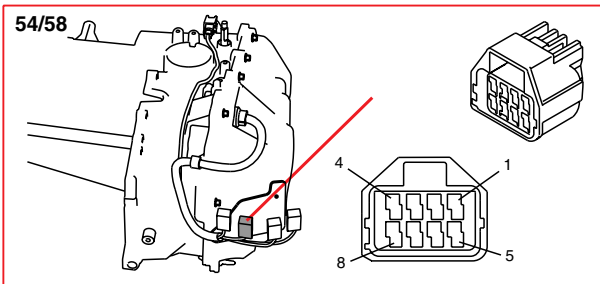
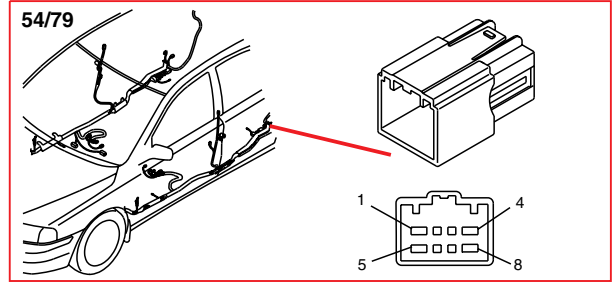
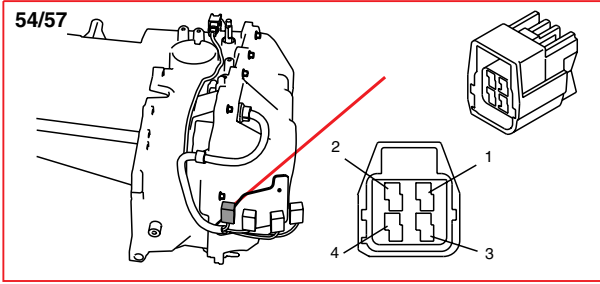
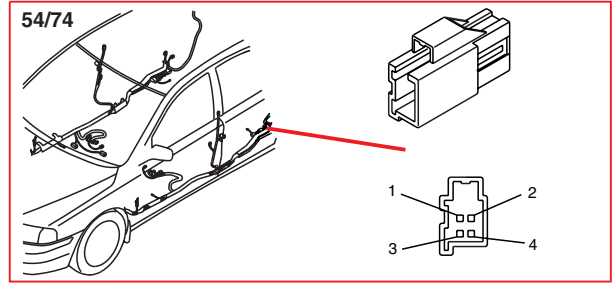
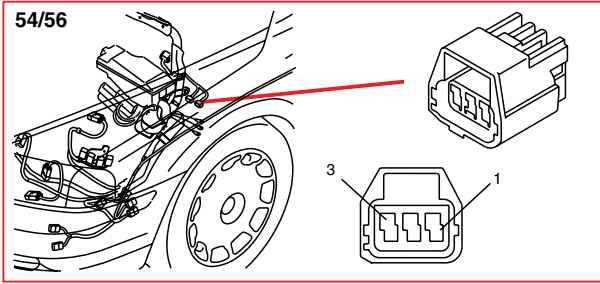
Component illustrations

54/34 - 54/55



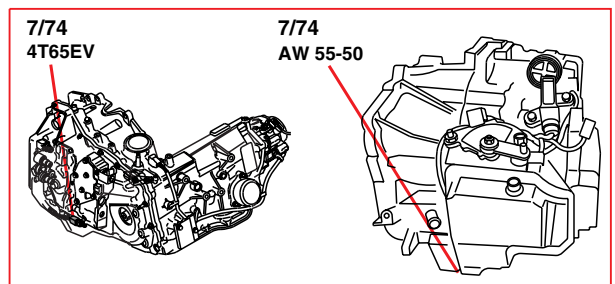
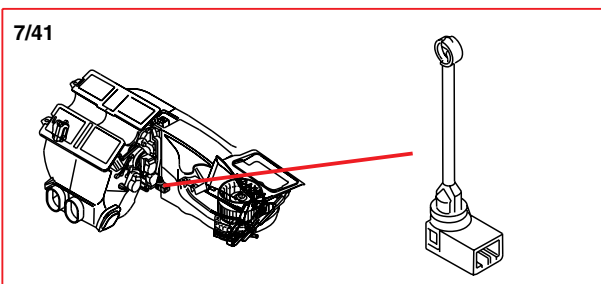
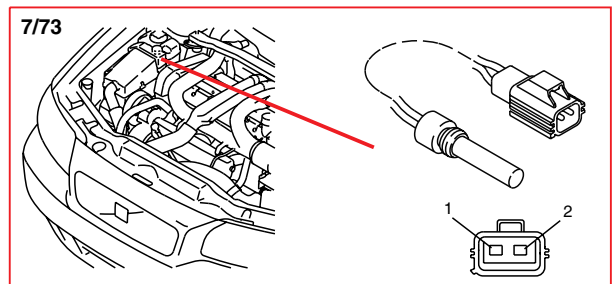
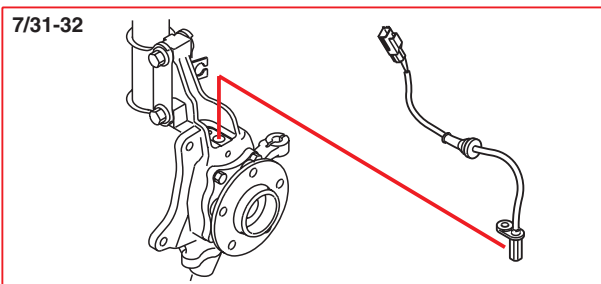
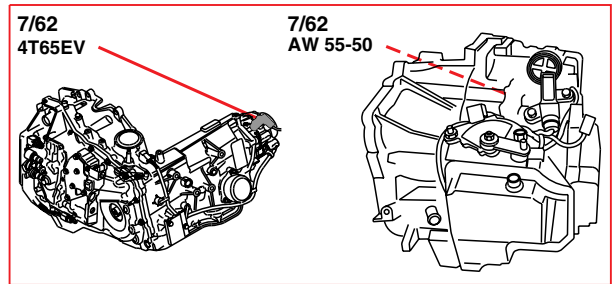
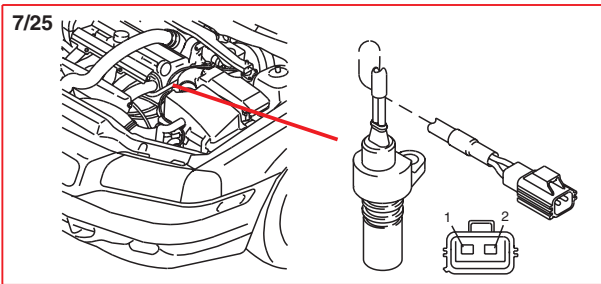
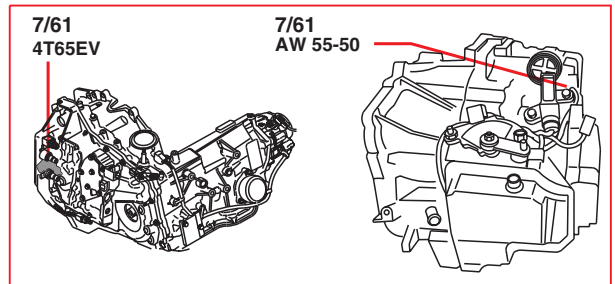
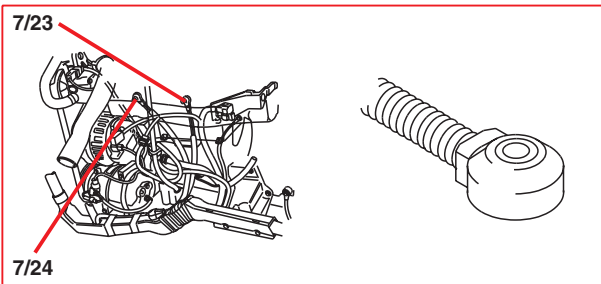
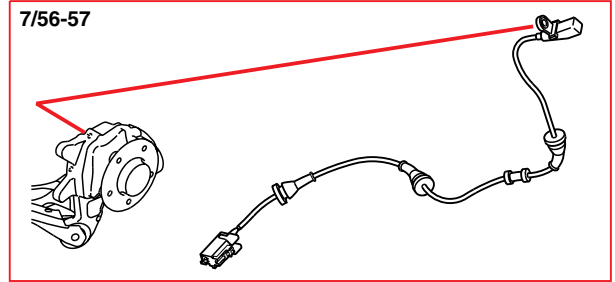
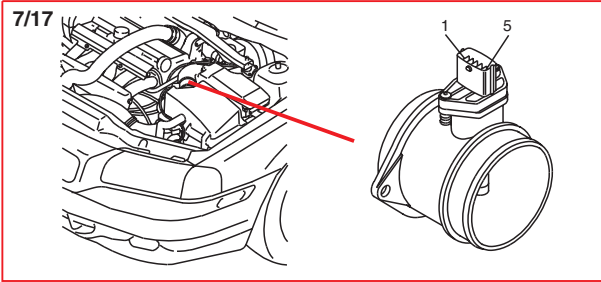
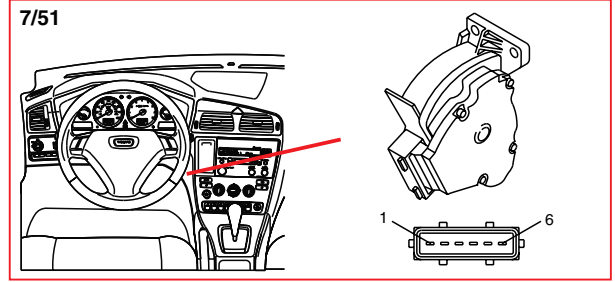
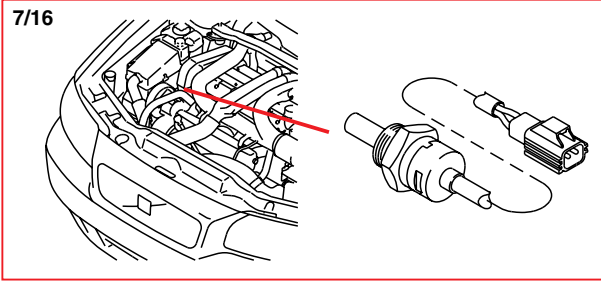
Component illustrations

54/56 - 54/106



Component illustrations

7/16 - 7/74



List of components

1/1	Battery	3/26	Power driver's seat module
2/14	Relay, glow plug unit	3/27	Power passenger seat module
2/17	Horn relay	3/35	Trunk handle switch
2/22	AC relay	3/37	Horn contact
2/23	Fuel pump relay	3/47	Parking brake contact
2/29	Relay, extended D1 feed	3/53	Recirculation switch
2/30	X feed overload relay	3/56	Fan switch
2/31	15-feed overload relay	3/59	Control, beam adjustment
2/32	Engine management system main relay	3/60	Auxiliary light switch
2/33	Relay, fuel system	3/62	Hood alarm contact
2/34	Fog light relay, front	3/71	Gear position contacts
2/35	Starter motor relay	3/73	Power Child Lock (PCL) switch
2/49	Relay, rear fog light	3/74	LH front door lock unit
2/52	Relay, 15l feed, rear	3/75	RH front door lock unit
2/59	Unlocking relay, fuel filler flap	3/76	LH rear door lock unit
2/61	Relay, parking light	3/77	RH rear door lock unit
2/62	Relay, low beam/Bi-Xenon	3/78	Trunk lid lock unit
2/63	High beam relay	3/80	Switch, LH central lock
2/64	Auxiliary light (accessory) relay	3/82	Switch, RH central lock
2/67	Trunk lid opening relay	3/85	RL door power window switch
2/75	Rear adjustable head restraint relay	3/86	RR door power window switch
2/79	Brake light relay	3/91	Switch, LH heated seat
2/80	Reversing light relay	3/92	Switch, RH heated seat
2/82	Relay, heated rear window	3/93	Left seatbelt latch switch
2/83	Trailer fog light relay	3/94	Right seatbelt latch switch
2/90	Relay, windshield wiper, low/high speed	3/95	Spin control switch
2/91	Relay, intermittent windshield wiper	3/111	Light Switch Module LSM
2/92	Relay, windshield washer motor	3/112	Climate Control Module CCM
2/101	Relay for extended D2 feed, automatic transmission	3/113	Rear adjustable head restraint relay
2/112	Unlocking relay, LH rear	3/117	Dome light control module
2/114	Unlocking relay, RH rear	3/118	Climate control switch
2/115	Relay, deadlock, rear doors	3/119	Climate control switch, auto
2/116	Rear power window up relay	3/121	Climate control switch, defroster
2/117	Right rear power window up relay	3/122	Climate control switch, ventilation
2/118	Rear power window down relay	3/123	Climate control switch, floor
2/119	Right rear power window down relay	3/124	Temperature switch, LH side
2/120	Relay - power windows, power child lock rear door	3/125	Temperature switch, RH side
2/138	Deadlock relay, LH rear door	3/126	Control module FL door DDM/PDM
2/139	Deadlock relay, RH rear door	3/127	Control module FR door PDM/DDM
2/140	Relay CNG/LPG	3/130	Steering Wheel Module SWM
2/142	Relay, preheated fuel filter	3/131	Switch, audio/mobile phone
2/143	Relay, fuel leakage control	3/135	RTI switch
2/158	Locking relay, rear doors, filler flap	3/155	Automatic transmission program selector
3/1	Ignition switch	3/156	Gear Shift Module GSM, automatic transmission
3/4	Cruise control switch SWS	3/171	Switch, retractable door mirrors
3/6	Hazard warning flasher switch	3/173	Switch, trunk lid private lock
3/8	Heated rear window/door mirror switch	3/174	Switch, reduced alarm
3/9	Brake light contact	3/183	Switch, max defrost
3/10	Reversing light contact	3/184	CNG/LPG switch
3/25	Power sunroof switch		

4/7	Combustion Preheater Module CPM	6/92	Motor, RL power window
4/9	Control module, Supplemental Restraint System (SRS)	6/93	Motor, RR power window
4/16	Brake Control Module BCM	6/95	Damper motor, temperature, LH side
4/28	Transmission Control Module TCM	6/96	Damper motor, temperature, RH side
4/31	Fan control module	6/102	Damper motor, defroster
4/33	Sunroof control module SRM	6/103	Damper motor, floor/ventilation
4/46	Engine Control Module ECM	6/105	Fuel distributor, gas
4/50	Electronic Throttle Module ETM	6/114	Vacuum pump
4/52	Power driver seat module PSM	6/120	Engine throttle body
4/56	Central Electronic Module CEM		
4/58	Rear Electronic Module REM	7/4	Brake fluid level sensor
4/68	Steering Angle Sensor module SAS	7/5	Washer fluid level sensor
4/70	Upper Electronic Module UEM	7/6	Oil pressure sensor
4/71	Cooling fan control module	7/8	AC pressure sensor
4/76	Remote control unit for garage door opener	7/10	Interior temperature sensor
4/78	Accessory Electronic Module AEM	7/11	Outside temperature sensor
4/82	Differential Electronic Module DEM	7/12	Sun sensor, indication alarm and electronic immobilizer
4/201	LH seat heater control module		Heated oxygen sensor
4/202	RH seat heater control module	7/15	Coolant temperature sensor
		7/16	Mass airflow sensor MAF
5/1	Combined instrument panel DIM	7/17	Rear knock sensor
		7/23	Front knock sensor
6/1	Windshield wiper motor	7/24	Pulse sensor
6/2	Windshield washer pump	7/25	LH front ABS sensor
6/3	RH headlight wiper motor	7/31	RH front ABS sensor
6/4	LH headlight wiper motor	7/32	Temperature sensor, evaporator
6/15	Sunroof motor	7/41	Accelerator pedal sensor
6/16	Driver seat motor, backrest angle	7/51	LH rear ABS sensor
6/17	Driver seat motor, up/down front edge	7/56	RH rear ABS sensor
6/18	Driver seat motor, up/down rear edge	7/57	Input speed sensor
6/19	Driver seat motor, forward/backward	7/61	Output speed sensor
6/20	Passenger seat motor, forward/backward	7/62	Coolant level monitor
6/25	Starter motor	7/73	Oil temperature sensor, automatic transmission
6/26	Generator	7/74	Temperature sensor, intake air
6/28	Motor, passenger compartment fan	7/77	Pressure sensor, intake manifold
6/29	Motor, electric cooling fan	7/81	Heated oxygen sensor, diagnosis 1
6/33	Fuel pump	7/82	Tank pressure sensor
6/35	Fuel pump, auxiliary heater	7/84	Steering angle sensor
6/37	Lock motor, fuel filler flap	7/91	Vehicle inclination sensor ISM
6/38	LH headlight level adjustment motor	7/100	Heated oxygen sensor 3
6/39	RH headlight adjustment motor	7/103	Heated oxygen sensor 4 (diagnostic probe)
6/44	Cooling fan, electrics box, engine compartment	7/104	Outside temperature sensor, engine control module
6/48	Damper motor, recirculation	7/105	LH rear side impact sensor
6/58	Motor, FL power window	7/108	RH rear side impact sensor
6/60	Motor, FR power window	7/109	LH seat temperature sensor
6/62	LH power door mirror	7/110	RH seat temperature sensor
6/63	RH power door mirror	7/111	LH front side impact sensor
6/64	Passenger seat motor, backrest angle	7/115	RH front side impact sensor
6/65	Passenger seat motor, up/down front edge	7/116	RL angle sensor
6/66	Passenger seat motor, up/down rear edge	7/120	Microwave Motion Sensor (MMS) alarm
6/67	Pump, fuel leakage control	7/122	Clutch pedal sensor
6/69	Damper motor, ventilation/floor/defroster	7/123	Brake pedal sensor
6/71	Stepper pump, speed-dependent power steering	7/124	
6/73	Coolant pump, auxiliary heater		

7/129	Brake pressure sensor 2	9/1	Front 12V outlet
7/130	Fuel level sensor, injector side	9/2	Heated rear window
7/139	Brake pressure sensor 1	9/12	Left seat heater
7/143	Fuel level sensor, pump side	9/13	Right seat warmer
7/149	Rain sensor	9/16	LH backrest heating element
7/153	Sensor, fuel level LPG	9/17	RH backrest heating element
7/156	Pressure and temperature sensor CNG	9/18	LH seat heating element
7/159	Air quality sensor	9/19	RH seat heating element
7/162	Pressure sensor, fuel line	9/25	Rear 12V outlet
7/164	Sensor module DSTC	9/30	Auxiliary heater
7/172	Position sensor, camshaft, intake side	9/32	PTC resistor - air preheating
7/173	Sensor, camshaft	9/33	LH heated door mirror
		9/34	RH heated door mirror
		9/38	Electrically heated fuel filter
8/3	Solenoid switch AC		
8/6-11	Injectors	10/1	LH front lamp housing
8/17	EGR valve	10/2	RH front lamp housing
8/18	EVAP valve	10/3	License plate lighting
8/19	Variable valve timing valve	10/5	FL fog light
8/28	Turbocharger control valve	10/6	FR fog light
8/30	Driver side airbag igniter	10/11	FL parking light
8/31	Passenger side airbag igniter	10/12	FR parking light
8/32	Igniter, passenger side airbag stage 2	10/13	FL direction indicator
8/33	FL belt tensioner igniter	10/14	FR direction indicator
8/34	FR seat belt tensioner igniter	10/15	FL fender direction indicator
8/36	Shift lock solenoid	10/16	FR fender direction indicator
8/37	Automatic transmission	10/17	Lamp housing, RH tail light
8/38	Shift solenoid 1	10/18	Lamp housing, LH tail light
8/39	Shift solenoid 2	10/19	Auxiliary brake light
8/40	Lock-up solenoid	10/29	Glove compartment lighting
8/41	Pressure solenoid	10/42	RR parking light
8/44	Canister shut-off valve	10/43	RH brake light
8/46	DSTC activation module	10/44	RH tail light lamp 1
8/51	FL side airbag igniter	10/45	RH tail light lamp 2
8/52	FR side airbag igniter	10/46	Fog light, right rear
8/55	RL belt tensioner igniter	10/47	RR direction indicator
8/56	RR belt tensioner igniter	10/48	RH reversing light
8/59	RL head restraint solenoid	10/49	RL parking light
8/60	RR head restraint solenoid	10/50	LH brake light
8/61	Driver side airbag igniter step 2	10/51	LH tail light lamp 1
8/62	Belt tensioner igniter, center rear seat	10/52	LH tail light lamp 2
8/64	Solenoid valve, engine mounting	10/53	Fog light, left rear
8/66	LH inflatable curtain igniter	10/54	RL direction indicator
8/67	RH inflatable curtain igniter	10/55	LH reversing light
8/71	Throttle solenoid	10/64	RH high beam
8/72	Shift solenoid 3	10/66	RH low beam
8/73	Shift solenoid 4	10/68	LH high beam
8/74	Shift solenoid 5	10/70	LH low beam
8/75	Valve, fuel cut-off DFCO	10/71	FL side marker light
8/76	Gas tank valve	10/72	Front ashtray lighting
8/78	Oil pressure sensor	10/73	FR side marker light
8/79	Valve LPG	10/114	LH vanity mirror lighting
8/81	Solenoid, variable valve timing outlet	10/115	RH vanity mirror lighting
8/82	Solenoid, variable turbo geometry	10/122	LH rear courtesy lighting
8/84	Switch, vacuum pump	10/123	RH rear courtesy lighting
8/85	Thermostatic switch, fuel filter	10/125	LH front courtesy lighting
8/88	Solenoid, gas tan CNG rear	10/126	RH front courtesy lighting
8/89	Solenoid, fuel tank CNG FL	10/127	Lighting, cargo compartment, LH side
8/90	Solenoid, fuel tank CNG FR	10/128	Lighting, cargo compartment, RH side
8/111	Solenoid valve, high-pressure diesel	10/129	FL parking light
		10/130	FR parking light
		10/142	FL door control module lighting

10/143	FR door control module lighting	16/46	RTI Display
10/148	LH rearview mirror lighting	16/47	GPS antenna RTI
10/149	RH rearview mirror lighting	16/55	LH front tweeter
10/150	Rear reading light	16/56	RH front tweeter
10/151	LH rear door switch lighting	16/59	Antenna, remote control
10/152	RH rear door switch lighting	16/60	Integrated mobile telephone PHM
10/155	Recirculation switch lighting	16/62	Hand unit, mobile phone
10/156	Lighting, passenger compartment fan potentiometer	16/63	GPS antenna, Telephone
10/157	Left heater control illumination	16/64	Antenna, mobile telephone
10/158	Lighting, control for climate control	16/65	Antenna ring/ignition switch lighting
10/159	Right heater control illumination	16/67	Amplifier antenna, bumper
10/160	Lighting, electrically heated rear window/mirrors/front seats	16/68	Antenna, bumper
		16/71	Window antenna amplifier, right
		16/77	Microphone, mobile telephone
		16/78	Speaker, mobile telephone
11A/no.	Main fuses in engine compartment fuse box	17/13	Data link connector
11B/no.	Fuses in engine compartment fuse box	17/17	Jump start connection
11C/no.	Fuses in passenger compartment fuse box	17/19	12V outlet, cargo compartment
11D/no.	Fuses in cargo compartment fuse box		
11E/no.	Main fuses at battery		
15/18-30	Distribution rails	18/4	Contact reel
16/1	Audio	20/3-8	Spark plug and ignition coil
16/2	Amplifier	20/16	Capacitor
16/3	RH front door speaker	20/22-26	Glow plug
16/4	LH front door speaker	20/27	Shunt, low beam CEM
16/5	RH rear door speaker	20/28	Shunt, parking light REM
16/6	LH rear door speaker	20/29	Shunt, fog light REM
16/9	Window antenna	20/31	Shunt, brake light REM
16/10	Horn 1	20/32	Shunt, indicator CEM, left
16/11	Horn 2	20/33	Shunt, parking light/tail light REM
16/15	CD changer	20/34	Shunt, indicator CEM, right
16/16	Window antenna amplifier, left		
16/17	LH speaker, rear shelf	31/no.	Ground connection
16/18	RH speaker, rear shelf		
16/26	Central dashboard speaker	53/no.	Junction point
16/35	Alarm siren SCM		
16/36	TV receiver	54/no.	Connector
16/45	RTI control module		