

Service Manual Cars

Section 3 (39)
Wiring diagram
S80 2000 Late design
V70 2001 Early design

TP 3947202

VOLVO

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

Warning!

Vehicles equipped with SRS/SIPS bag/IC must be handled with extra care when making repairs. This avoids:

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

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

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

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

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

General recommendations

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

Test terminal

Data Link Connector in the passenger compartment.

Modifications introduced up to December 1999

Any vehicle modifications made after this date are not included in this manual. Refer to the Service Bulletins as necessary.

Volvo is sold in versions adapted for different markets. These adaptations depend on factors such as legal requirements, taxation, and market demands. This manual may therefore include illustrations and text that do not apply to the vehicles in your country.

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Service manual TP 3944202 applies to previous VIN .

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Order number TP3947202
Replaces earlier manual TP 3947201

Reserve the right to make changes

A number of abbreviations are used in this manual. They are explained below.

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
J	= Japan
KOR	= Korea
N	= Norway
NL	= Netherlands
S	= Sweden
WEU	= Western Europe

Colors

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

Other

ABS	= Anti-lock Brake System
ABS STC	= Stability Traction Control
ABS DSTC	= Dynamic Stability Traction Control
ACC	= Accessory
AUTO	= Automatic transmission
DENSO	= Fuel control system - gasoline, 5 cylinder
EXT.X	= Extended X feed
HISPEED	= High speed bus
LH	= Left-hand side
LHD	= Left-hand drive
LOSPEED	= Low speed bus
MAN	= Manual gearbox
ME 7	= Fuel control system, gasoline, turbo 5 and 6 cylinder
MSA 15.8	= Fuel control system, diesel
OTHERS	= Others
PETROL	= Gasoline engines
RH	= Right-hand side
RHD	= Right-hand drive
RTI	= Road Traffic Information
TELE	= Telephone
TURBO	= Turbo engines
W/O	= Without
5CYL	= 5 cylinder engines
6CYL	= 6 cylinder engines

How to use the wiring diagram

A. Component list

Each component has a component designation, consisting of a type number and a component number.

At the back of the manual, you will find a list of components that allows you to look up a component name using the descriptions.

B. Type number

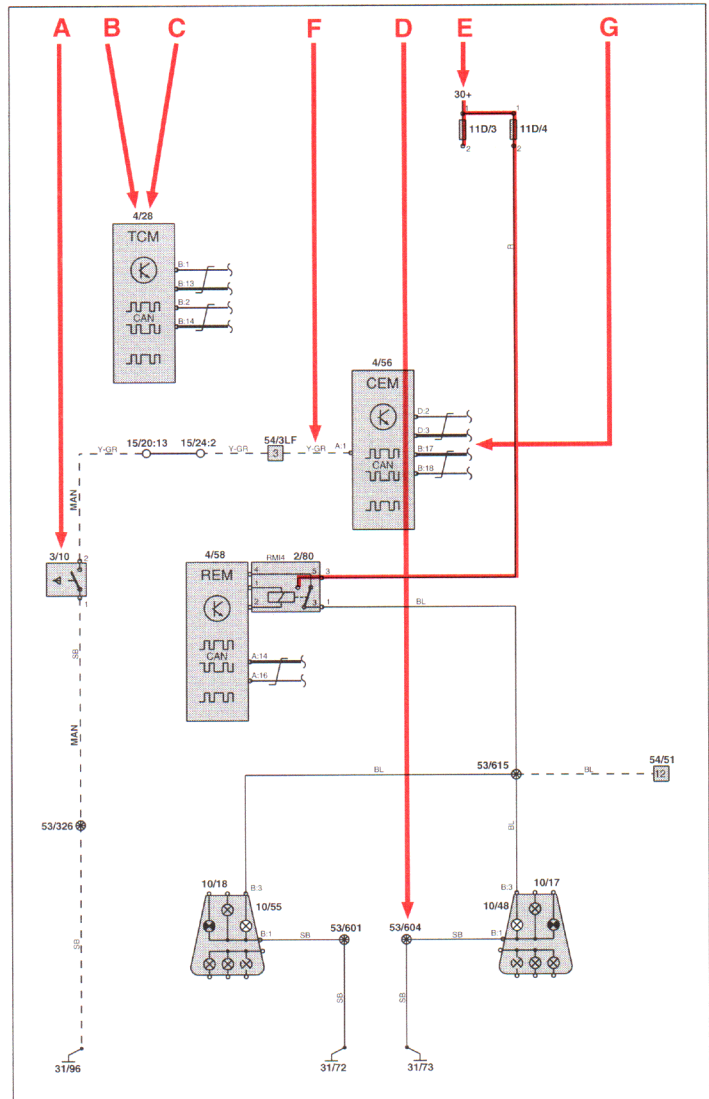
The first part of the component designation specifies the type of component, such as switch or electric motor.

List of type numbers



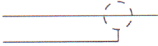


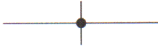

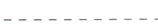
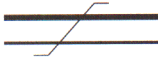
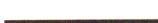


- 1 Battery
- 2 Relay
- 3 Switch
- 4 Control module
- 5 Driver information module
- 6 Electric motor
- 7 Sensor
- 8 Actuator
- 9 Heating element
- 10 Lamp
- 11 Fuse
- 15 Distribution rail, power supply
- 16 Audio
- 17 Service/diagnostics
- 18 Contact reel
- 20 Injection component/shunt
- 31 Ground connection
- 53 Junction point
- 54 Connector

C. Component number

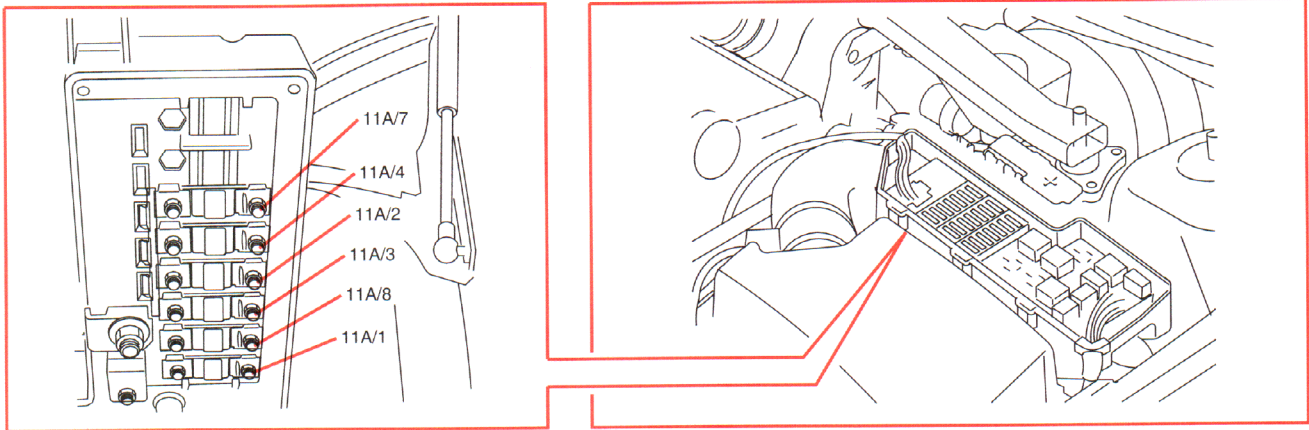
The second part of the component designation indicates the component more specifically, e.g. light switch, central motor, etc.



List of symbols

-  = System voltage
-  = Ground connection
-  = Screened wire
-  = Junction point
-  = Twisted wires
-  = Electrical connection
-  = No electrical connection
-  = Variant
-  = CAN communication
-  = CAN high signal (CAN H)
-  = CAN low signal (CAN L)
-  = Serial communication

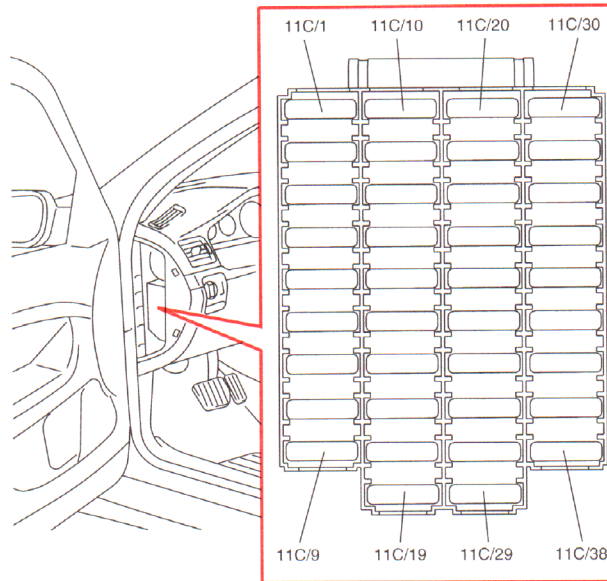
Fuses in the engine compartment



Main fuses, 11A, in the relay/fuse box

No.	Fuse function	A
1	Glow plug control relay	60
2	Fuses 11C/32-38 Parking light relay	60
3	Fuses 11B/17-18, 11C/3-6, 11C/16-19 Fuses 11C/8-9 (via overload relay 15+) Fuses 11C/12-15 (via overload relay X+)	60
4	Fuses 11B/10,12-13, 16, 11C/20-28	60
5-6	-	-
7	Electric cooling fan, fuses 11B/1-2	60
8	Fuses 11B/20-21	60

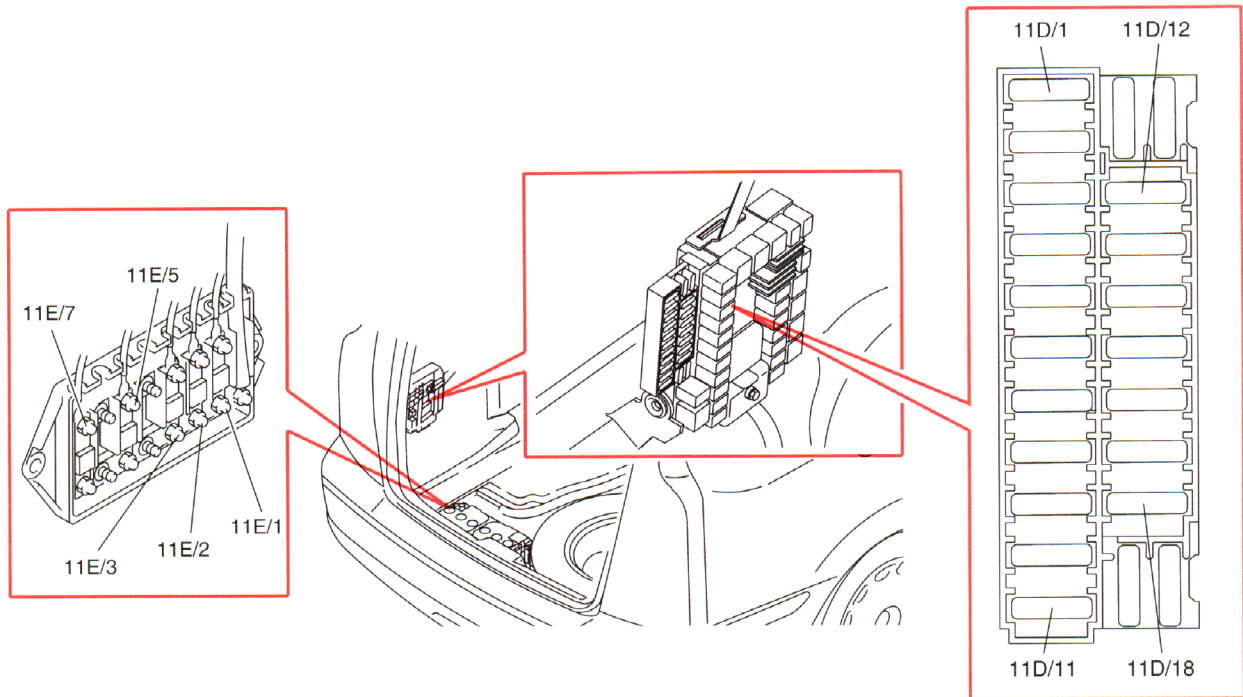
Fuses in the passenger compartment



Fuses, 11C, in the fuse box

No.	Fuse function	A
1	Left low beam	10
2	Right low beam	10
3	Front fog light	15
4	Power driver seat	30
5	Power passenger seat	30
6	-	-
7	Central electronic module (CEM), Overload relay X+, SRS control module	5
8	Heated seats	25
9	ABS Brake system, Steering angle sensor control module (SAS)	5
10	Left high beam	15
11	Right high beam	15
12	Headlamp wiper, Beam length control	15
13	Cigarette lighter/12 V outlet front and rear	20
14	Power passenger seat, Seat belt lock switch Via Central electronic module (CEM): SRS control module	5
15	Radio (AUM), RTI Display	5
16	Radio (AUM)	20
17	Amplifier	30
18	Telephone	10
19		-
20	Automatic transmission with extended X feed via relay: Transmission control module (TCM)	10
21	Via Central electronic module (CEM): Turn signal	20
22	Steering wheel module (SWM)	5

Fuses in cargo compartment

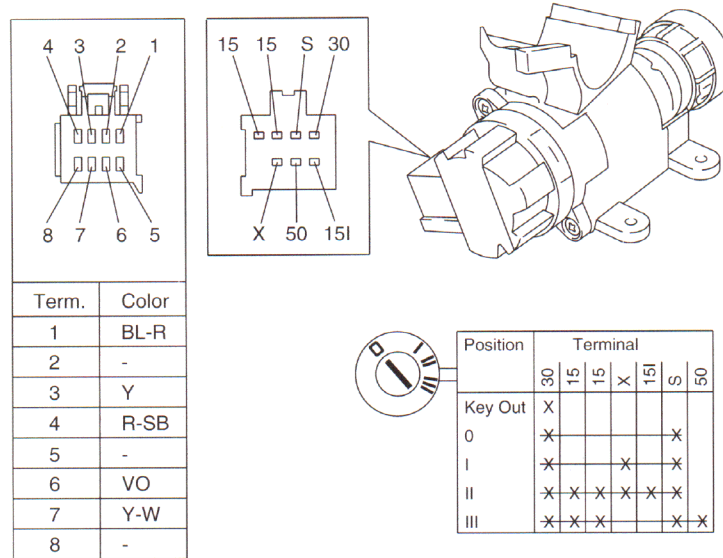


Fuses, 11D, in the relay/fuse box

No.	Fuse function	A
1	Rear electronic module (REM), Via Rear electronic module (REM): Cargo compartment lighting (S80)	10
2	Via Rear electronic module (REM): Rear fog light	10
3	Brake lights	15
4	Reversing lights	10
5	Heated rear window (control voltage)	5
6	Tailgate/trunk opening, Tailgate/trunk locking	10
7	Foldable head restraint (S80), Cargo compartment outlet (V70)	10/15
8	Rear door central locks, Tank hatch unlocking	15
9	Towing bracket (30 feed)	15
10	CD changer, RTI CD-ROM player, RTI system control module (RTI), Pager	10
11	-	-
12	Rear window wiper	15
13	Bass speaker amplifier (V70)	15
14	-	-
15	Towing bracket (15l feed)	20
16	Cargo compartment outlet (S80)	10
17-18	-	-

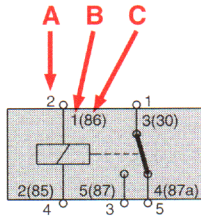
Ignition switch

3/1



Relays, general

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

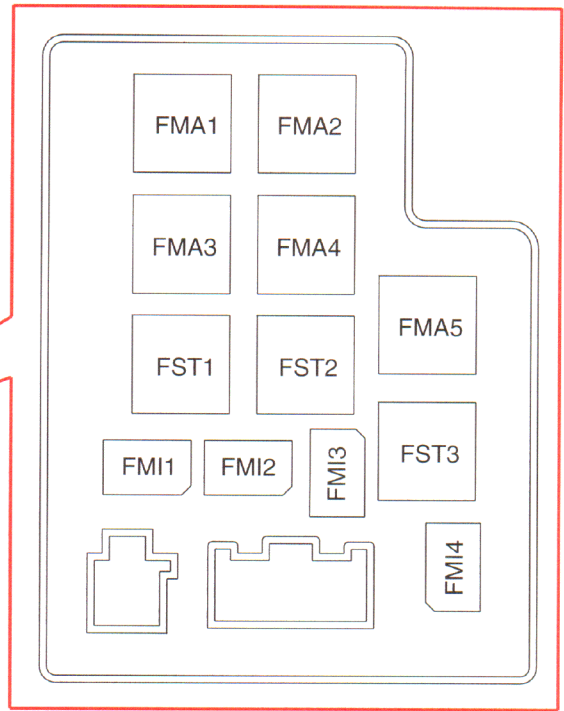
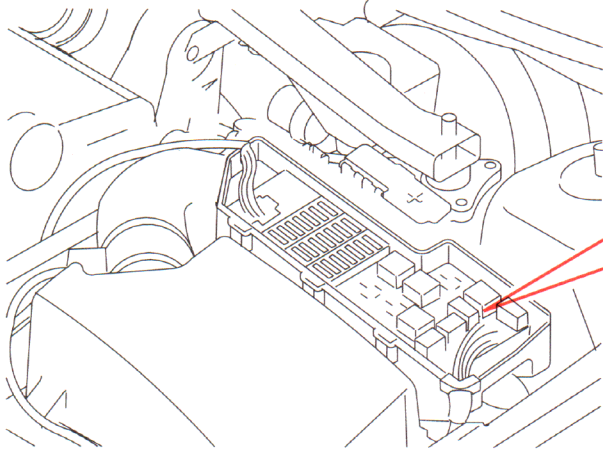


A = Corresponds to the position on the rear of the fuse box (wire side).

B = Corresponds to the position on the relay.

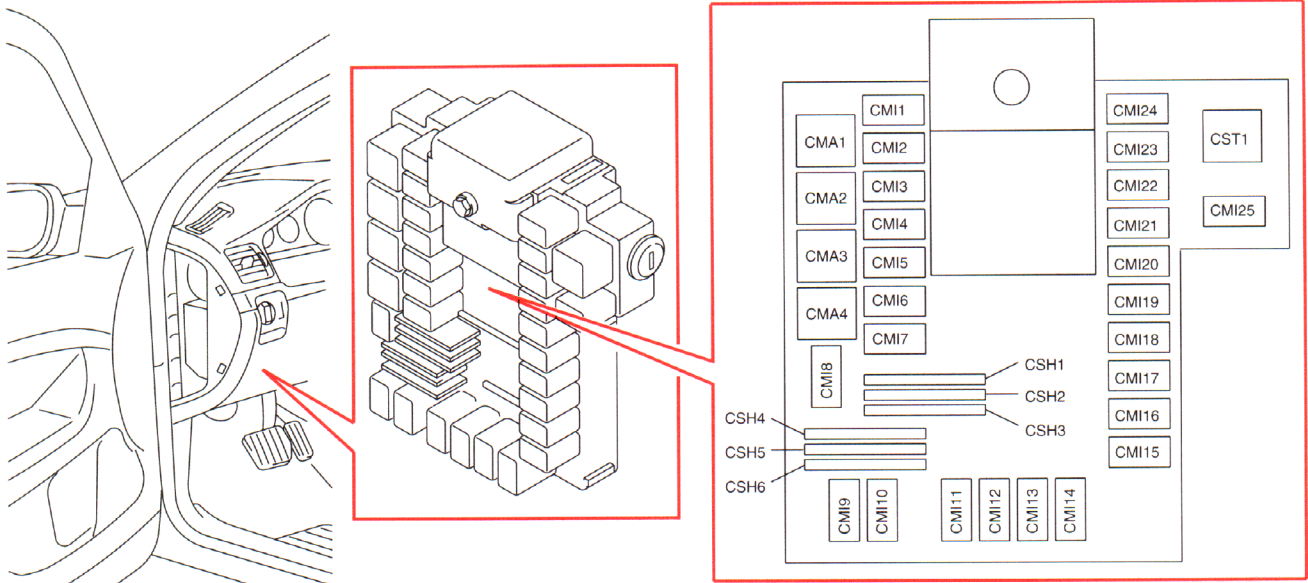
C = Is an old designation that may be found on the relay.

Relays in the engine compartment



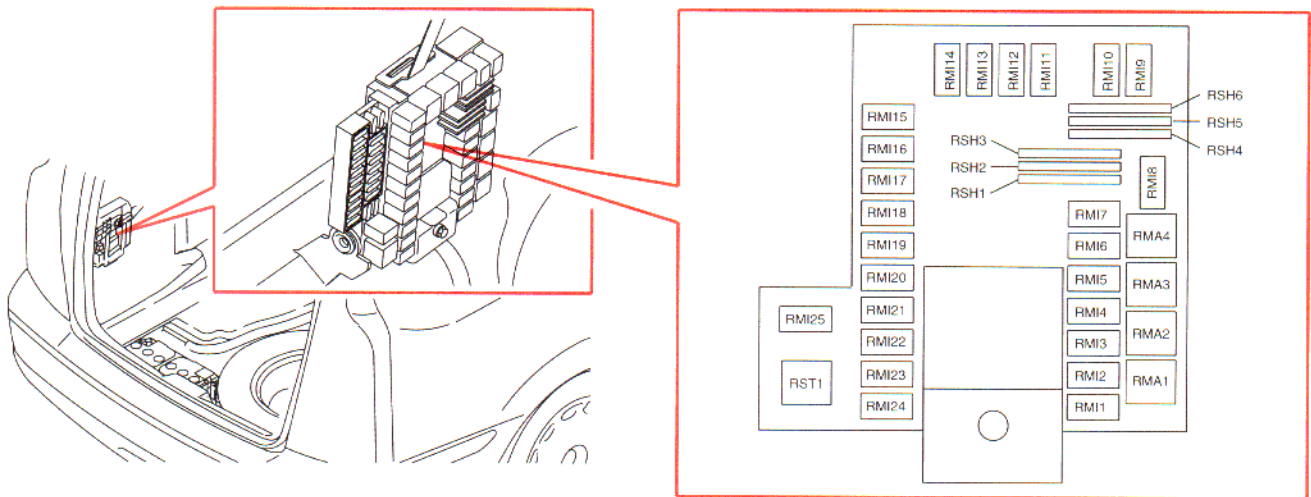
Pos	Relay function
FMA1	Relay 1, heating plug for coolant 2/109
FMA2	Engine control system main relay 2/32
FMA3	Glow plug control relay 2/14
FMA4	Starter motor relay 2/35
FMA5	Relay 2, heating plug for coolant 2/74
FMI1	AC relay 2/22
FMI2	Horn relay 2/17
FMI3	Washer motor relay 2/92
FMI4	Rear washer motor relay 2/93
FST1	Intermittent windshield wiper relay 2/91
FST2	Bifuel relay 2/33
FST3	Low/high speed windshield wiper relay 2/90

Relays in the passenger compartment



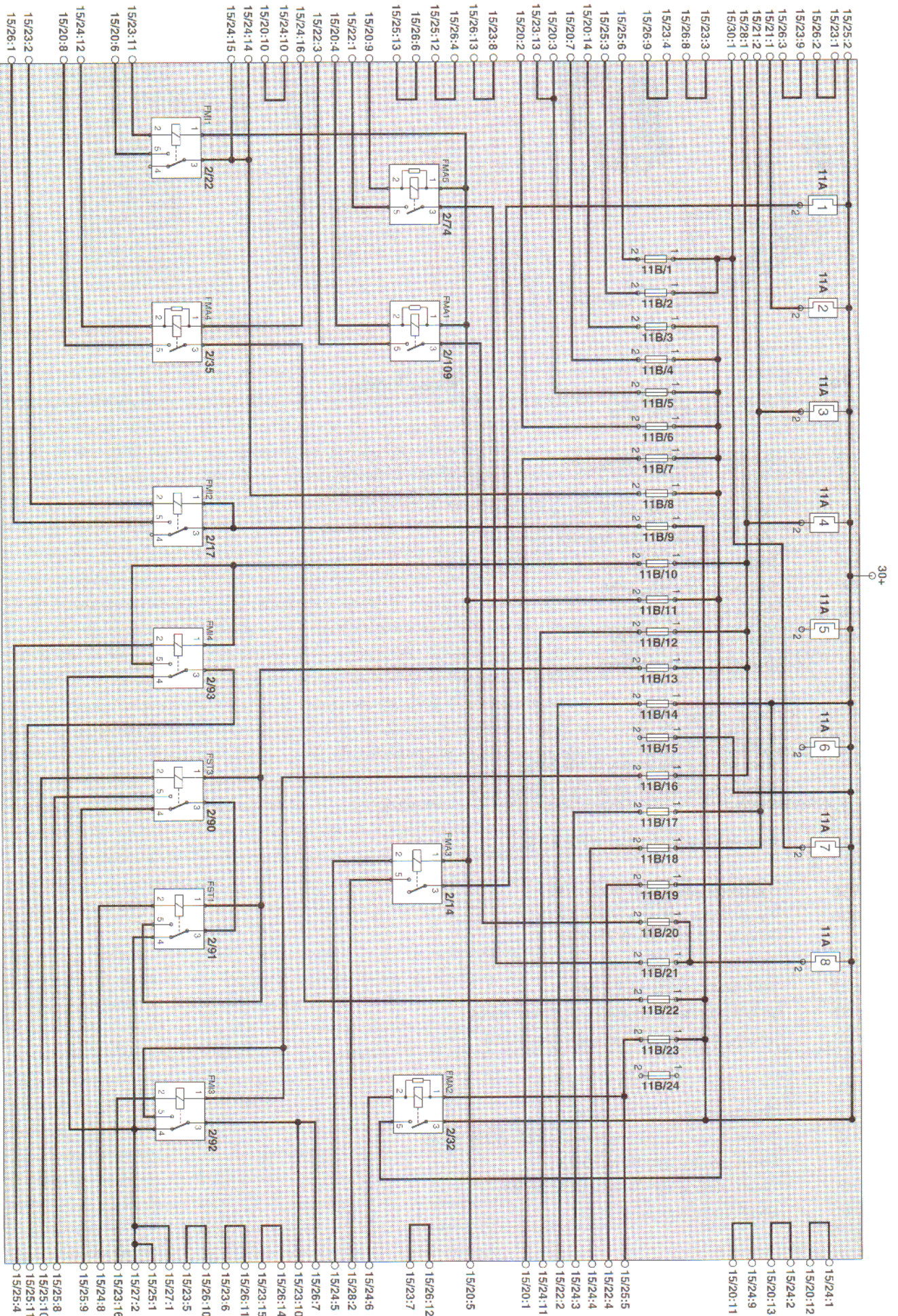
Pos	Relay function
CMA1	-
CMA2	X feed overload relay 2/30
CMA3	15-feed overload relay 2/31
CMA4	-
CMI1	Rear left power window up relay 2/116
CMI2	Rear left power window down relay 2/118
CMI3	Relay - power windows, power child lock rear doors 2/120
CMI4	High beam relay 2/63
CMI5	Parking light relay 2/61
CMI6	-
CMI7	Low beam relay 2/62
CMI8-10	-
CMI11	Front fog light relay 2/34
CMI12	Fuel pump relay 2/23
CMI13-20	-
CMI21	Relay for extended X feed, automatic transmission 2/101
CMI22	Extended X feed relay 2/29
CMI23	Right rear power window down relay 2/119
CMI24	Right rear power window up relay 2/117
CMI25	-
CSH1	Shunt, left turn signal CEM 20/32
CSH2	Shunt, right turn signal CEM 20/34
CSH3	-
CSH4	Shunt, low beam CEM 20/27
CSH5-6	-
CST1	-

Relays in the cargo compartment

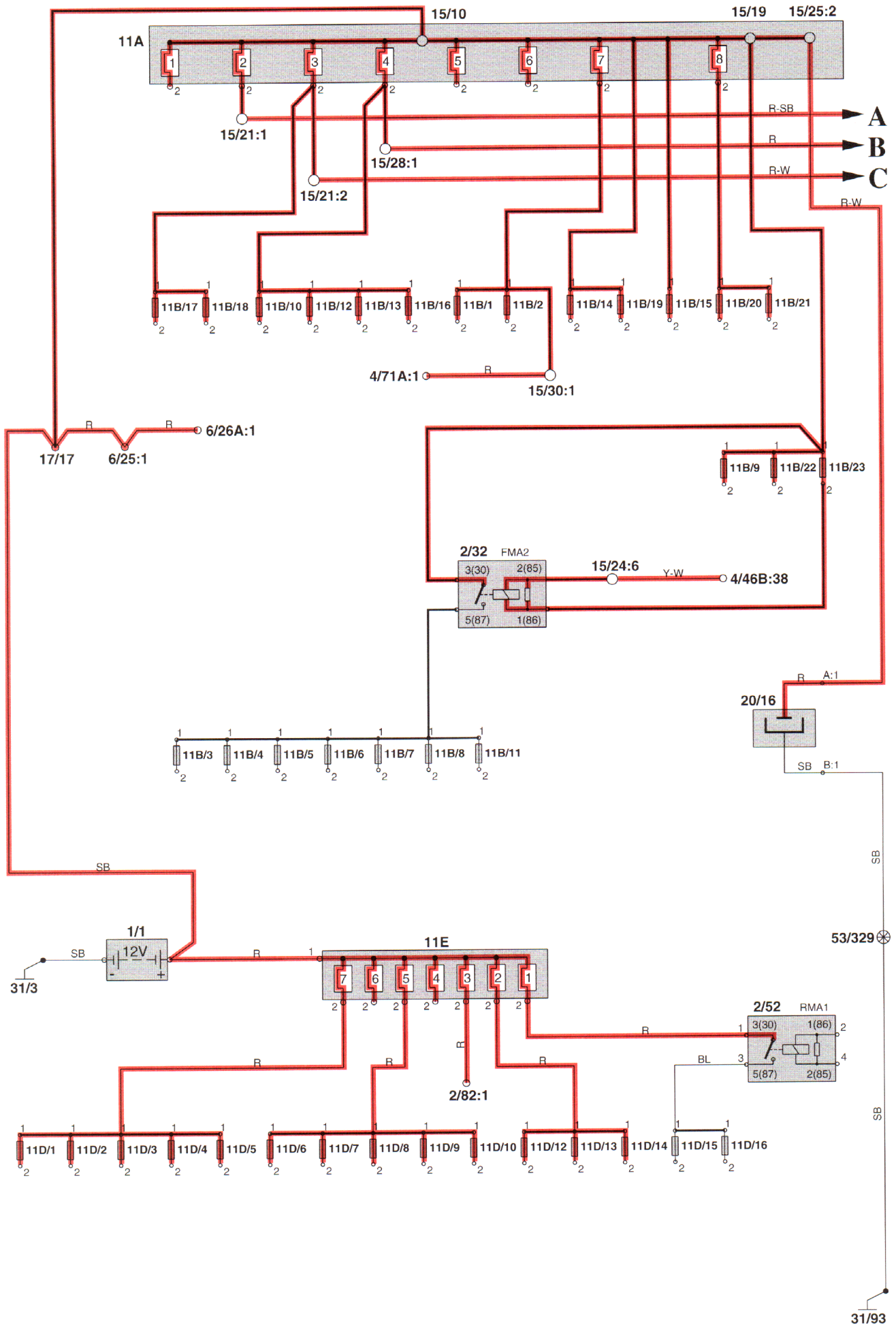


Pos	Relay function
RMA1	Rear 15l feed relay 2/52
RMA2	-
RMA3	Heated rear window relay 2/82
RMA4	-
RMI1	Locking relay, central lock, left rear 2/111
RMI2	Unlocking relay, central lock, left rear 2/112
RMI3	Relay, central locking, rear door deadlock 2/115
RMI4	Reversing light relay 2/80
RMI5	Brake light relay 2/79
RMI6	Rear fog light relay 2/49
RMI7	Trailer fog light relay 2/83
RMI8-10	-
RMI11	Pager 1 relay 2/136
RMI12	Pager 2 relay 2/137
RMI13	Rear window wiper relay (V70) 2/72
RMI14	Rear foldable head restraint relay (S80) 2/75
RMI15	-
RMI16	Rear window wiper relay (V70) 2/16
RMI17-18	-
RMI19	Tailgate opening relay (V70) 2/87
RMI20	Tailgate opening relay (S80) 2/67 Tailgate locking relay (V70) 2/86
RMI21	Tank hatch unlocking relay 2/59
RMI22	Tank hatch locking relay 2/58
RMI23	Unlocking relay, central lock, right rear 2/114
RMI24	Locking relay, central lock, right rear 2/113
RMI25	-
RSH1	-
RSH2	Shunt, low beam REM 20/29
RSH3	Shunt, cargo compartment outlet REM (V70) 20/39
RSH4	Shunt, parking light REM 20/28
RSH5	Shunt, parking light/taillight REM 20/33
RSH6	Shunt, brake light REM 20/31
RST1	-

Engine compartment relays/fuse box

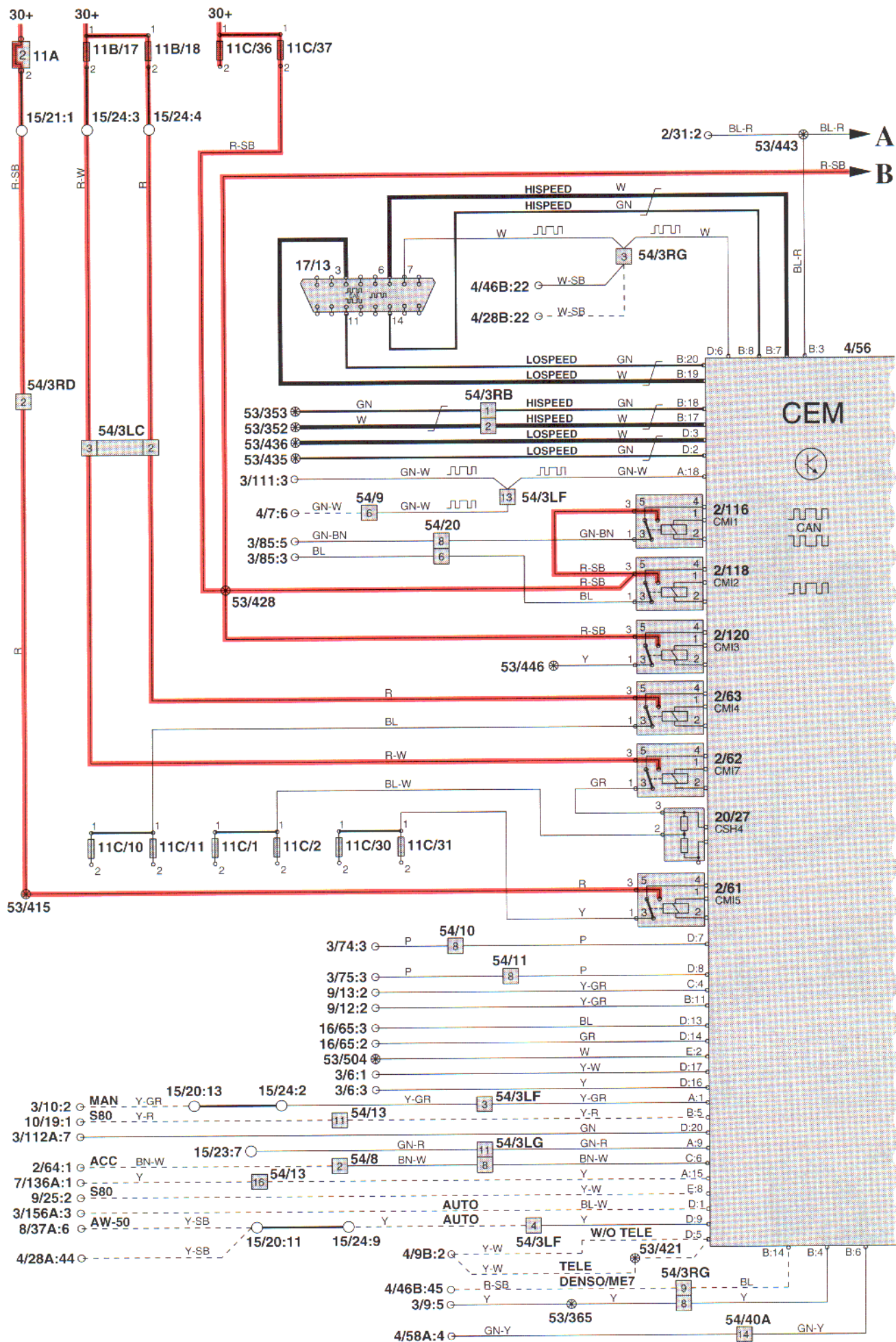


Electrical distribution



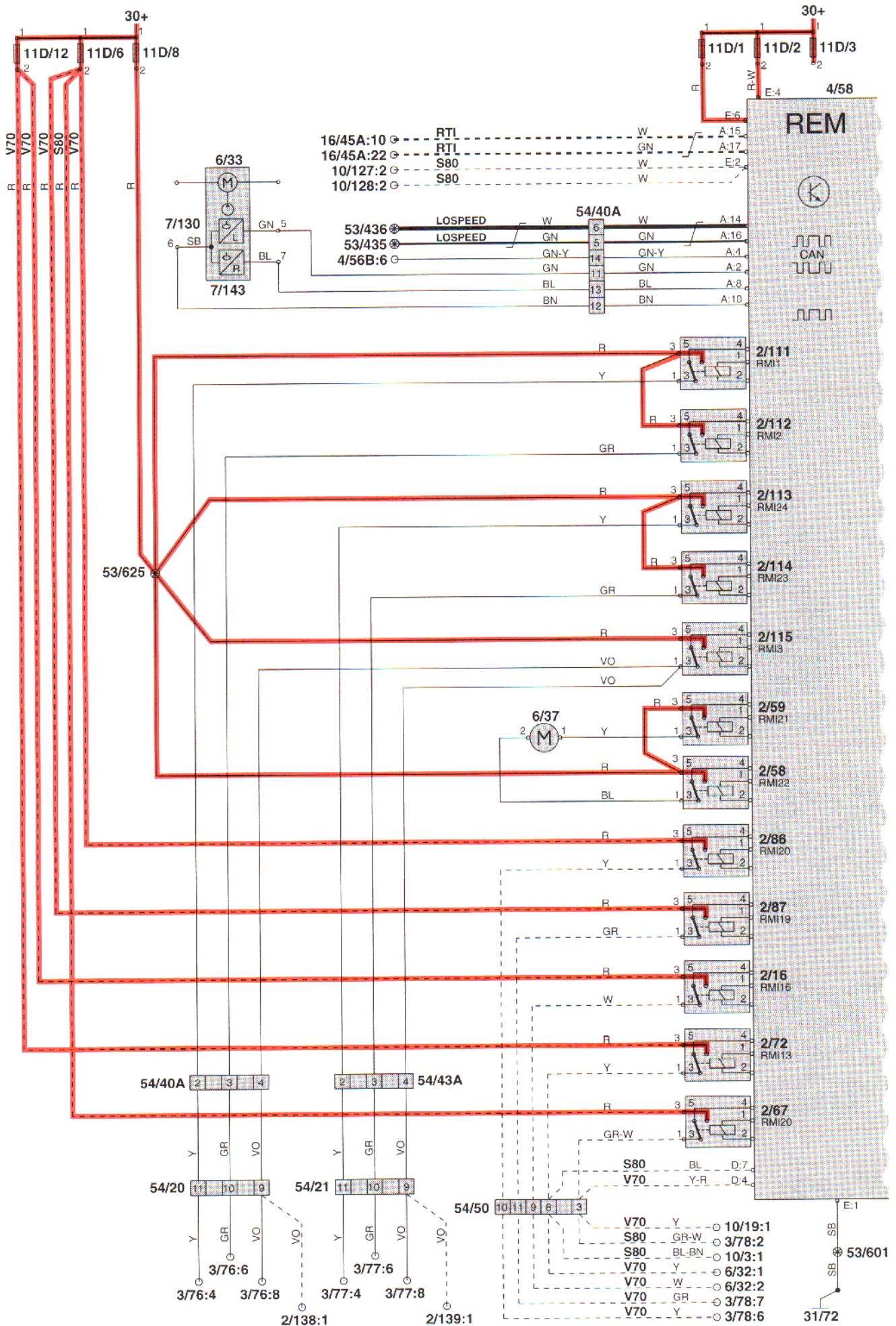
Electronic switching

Central electronic module (CEM)



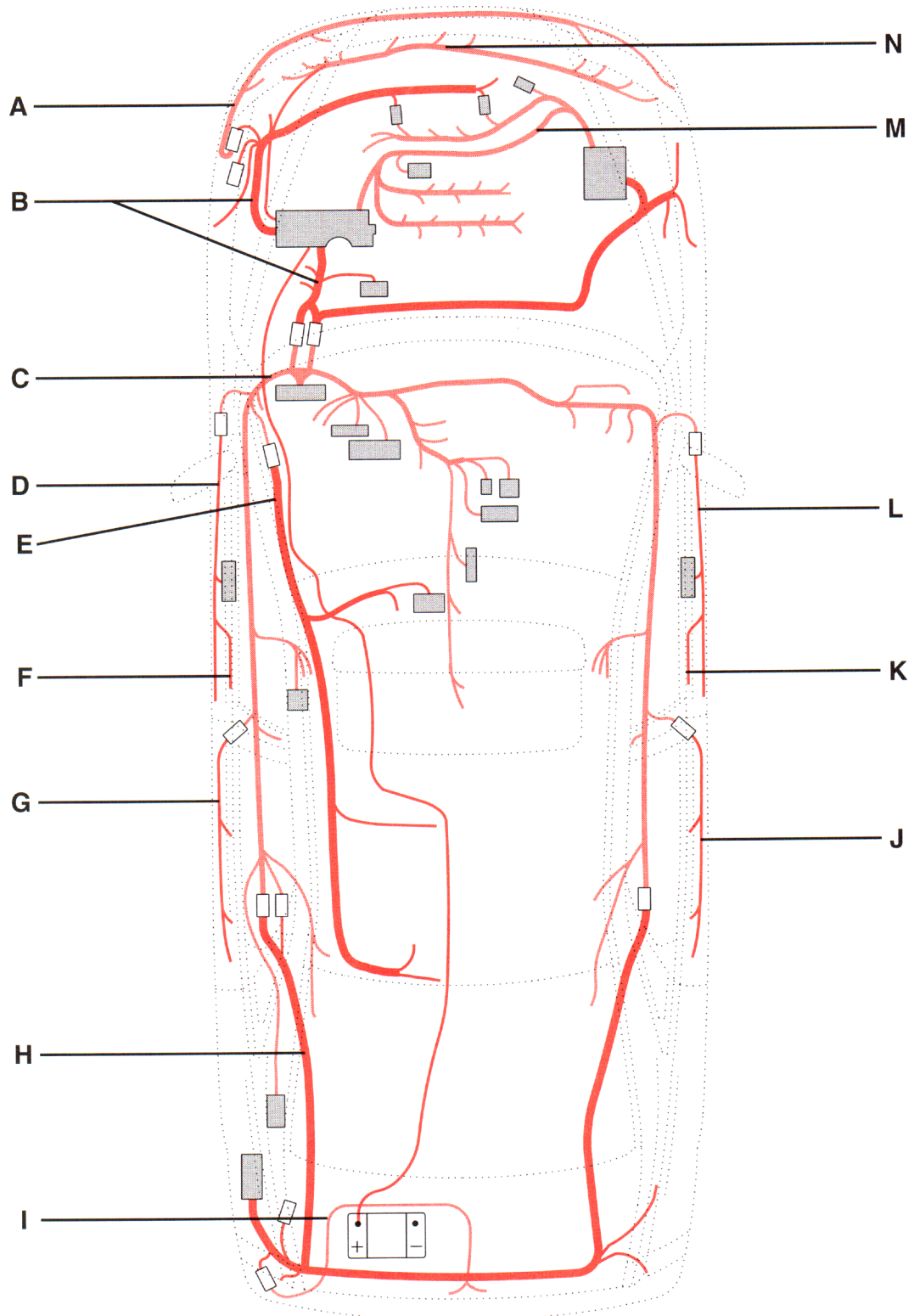
Electronic switching

Rear electronic module (REM)



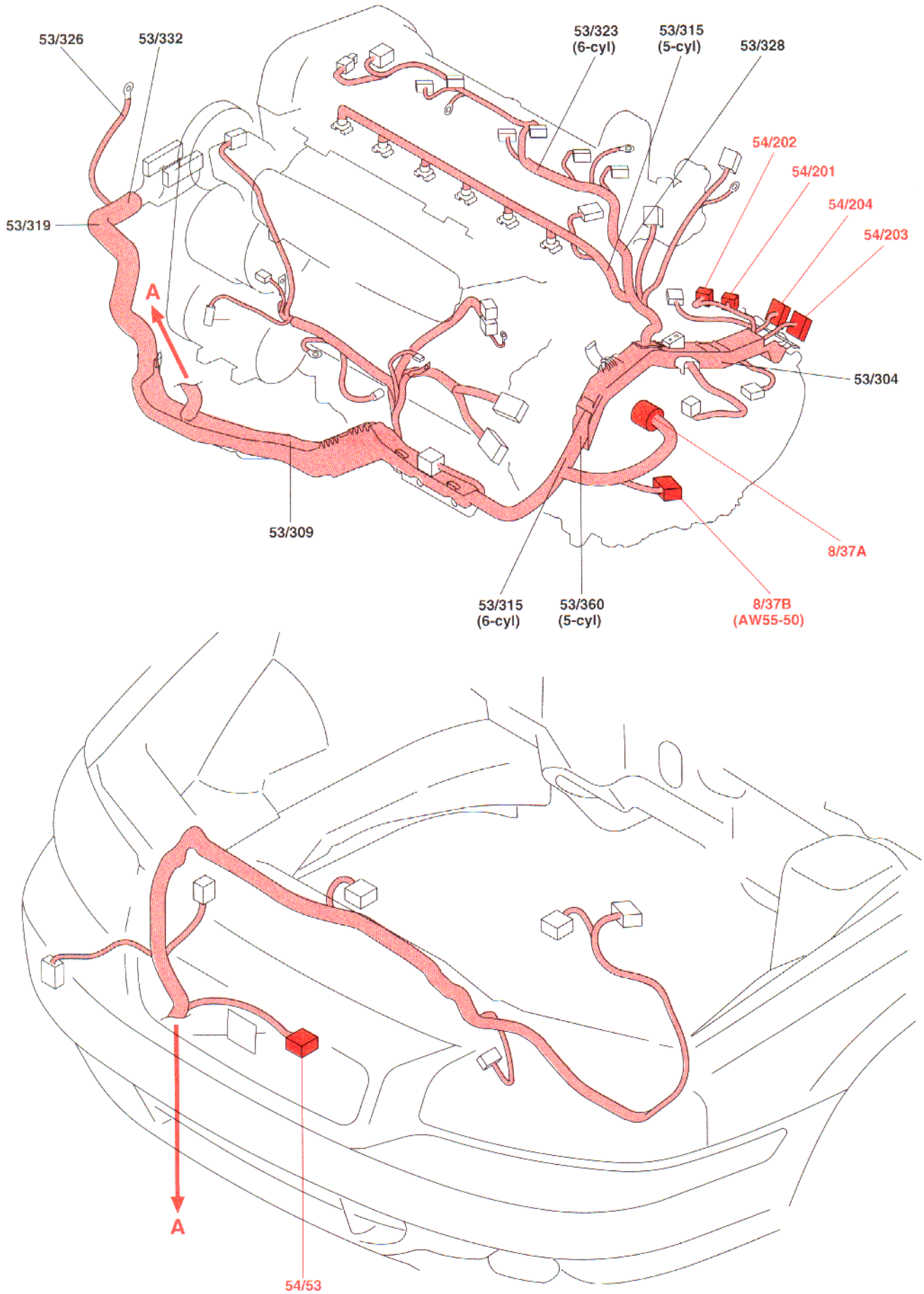
Cable harnesses - overview S80

- | | | | |
|---|-------------------------------------|---|---------------------------------|
| A | Soft nose cable harness | H | Cargo compartment cable harness |
| B | Engine compartment cable harness | I | Trunk cable harness |
| C | Passenger compartment cable harness | J | Right rear door cable harness |
| D | Left front door cable harness | K | Right door panel cable harness |
| E | Roof cable harness | L | Right front door cable harness |
| F | Left door panel cable harness | M | Engine cable harness |
| G | Left rear door cable harness | N | Front cable harness |

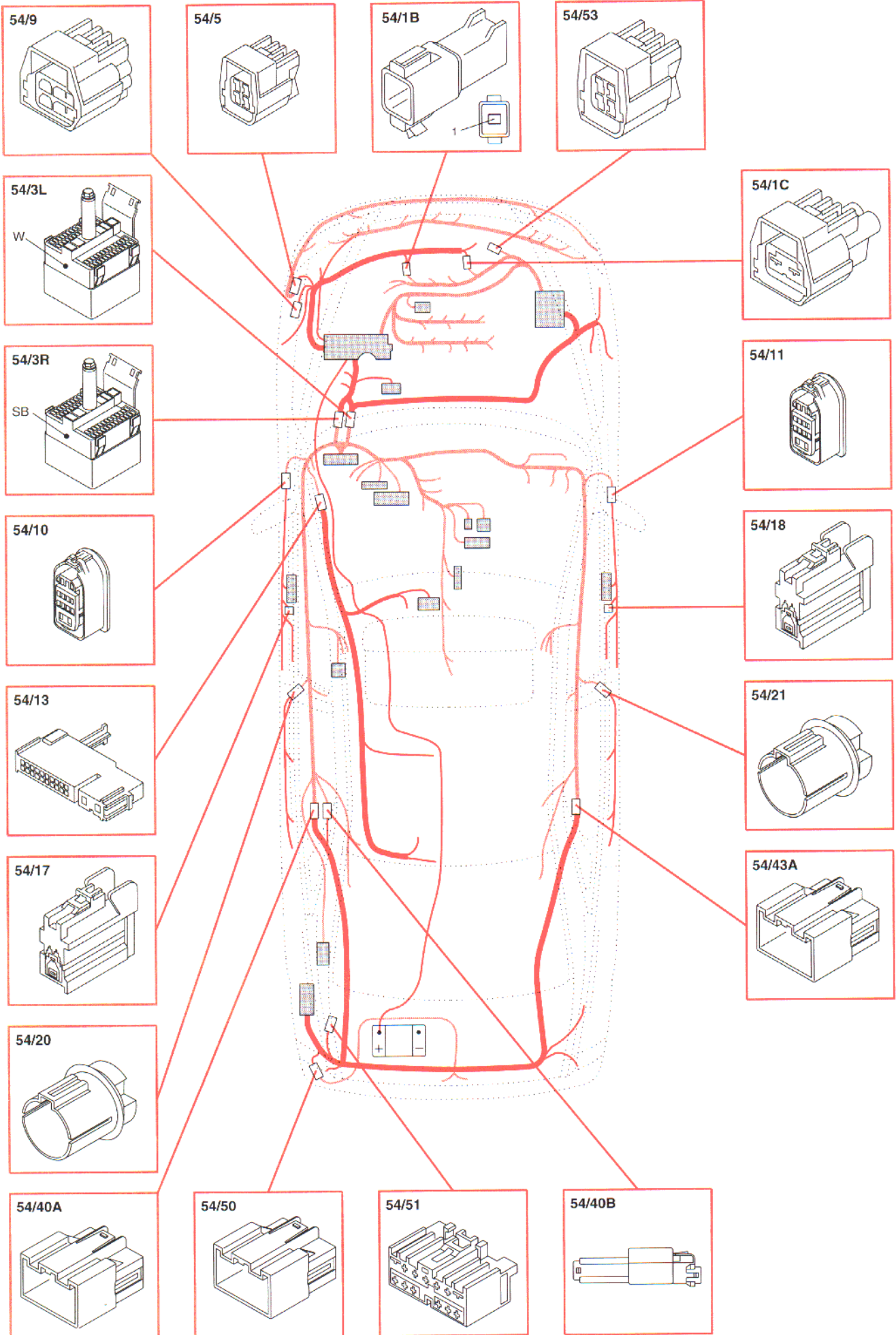


Cable harness routing in vehicle

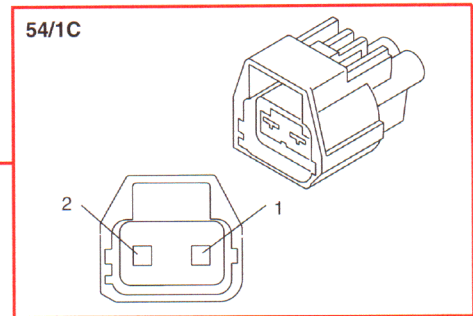
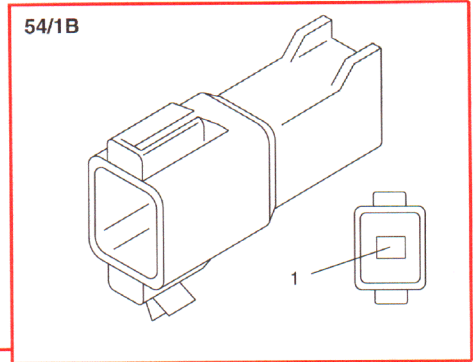
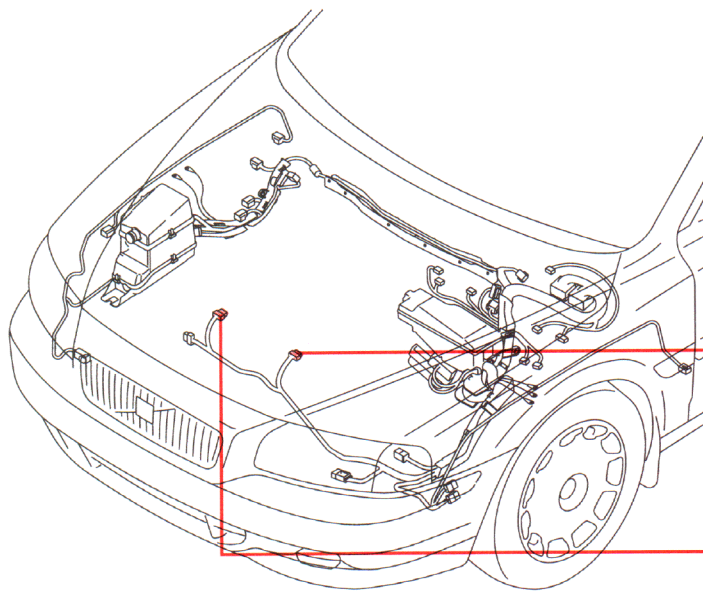
Engine cable harness (ME7/DENSO)



Connectors - overview S80



Connector 54/1B - C



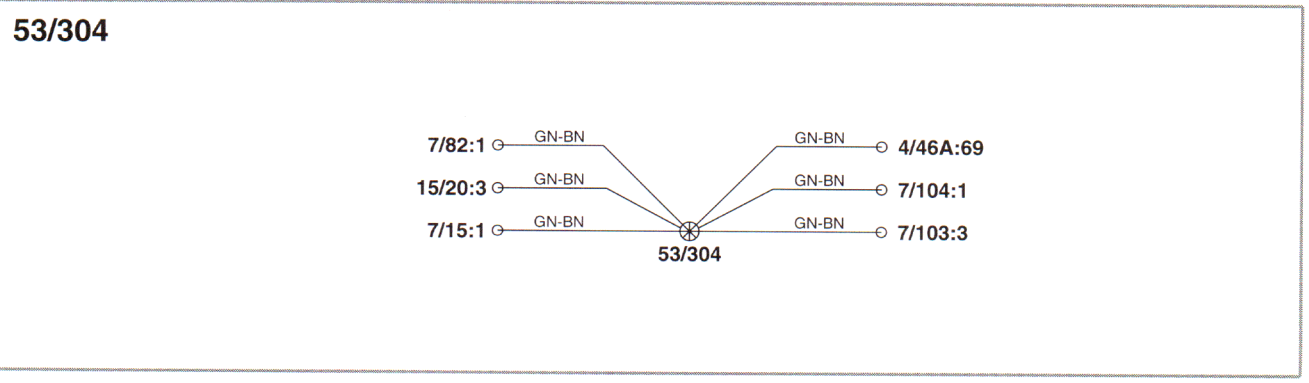
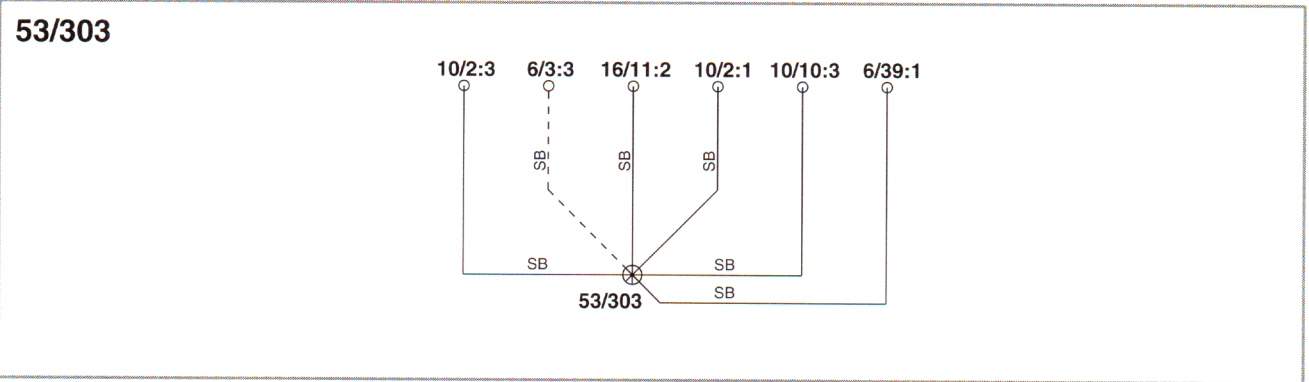
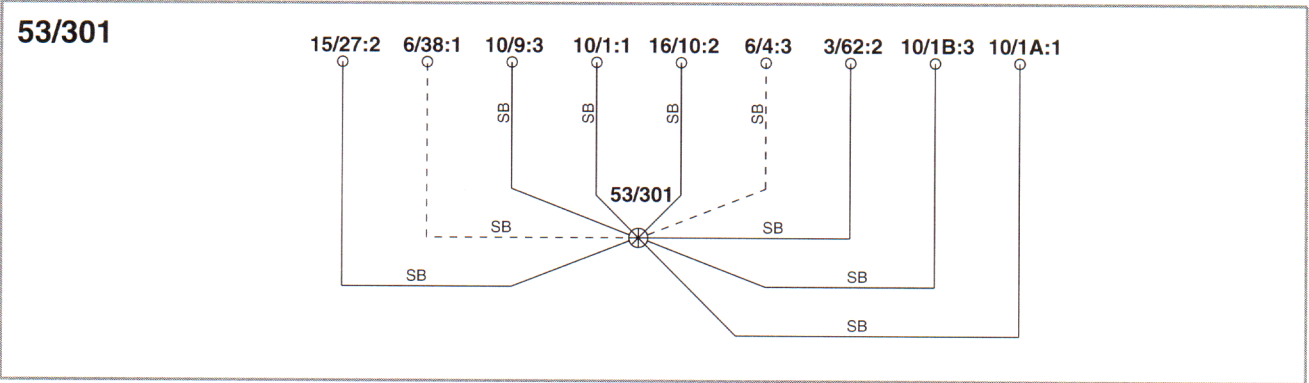
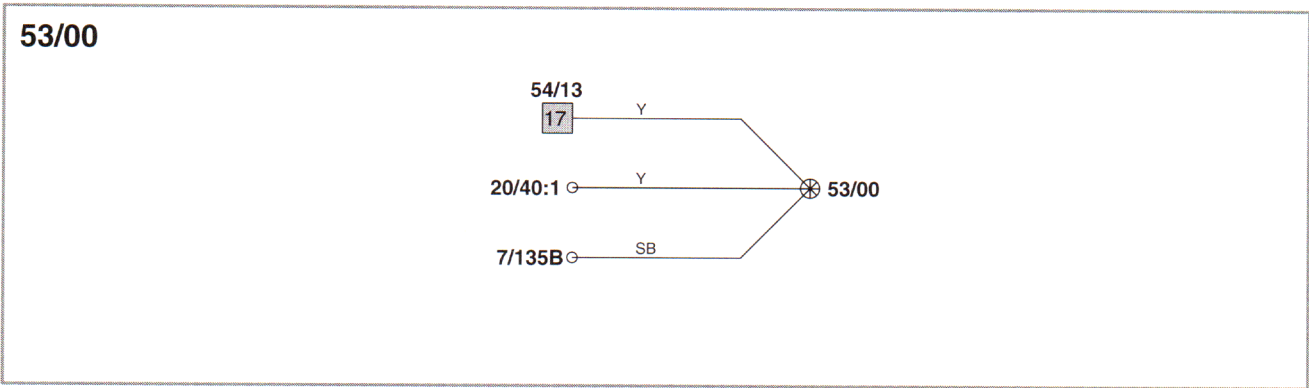
54/1B **Gray, 1 pin**
Engine compartment cable harness - Cable harness engine-diesel

POS	Female side	Male side	Color
1	Glow plug rail 15:18	Glow plug control relay 2/14	R-W

54/1C **Dark gray, 2 pin**
Engine compartment cable harness - Cable harness engine-diesel

Pos	Female side	Male side	Color
1	Heater plug 1 Coolant 9/26	Relay, heating plug for coolant 2/74	R R-W
2	Heater plug 2 Coolant 9/27	Relay heating plug for coolant 2/109	R R-W

- 53/00 Roof cable harness
- 53/301 Front cable harness
- 53/303 Front cable harness
- 53/304 Engine cable harness



31/1
Washer fluid level sensor
Coolant level sensor (V70)
Front washer motor
RH side turn signal

31/2
Cooling fan control module

31/3
Battery

31/4
Ground point engine (ground point engine-body)

31/5
Heated rear window (S80)

31/6
15-feed overload relay
X feed overload relay
Hazard warning flasher switch
Antenna ring/Ignition switch lighting
Entry lighting, front LH side
Central electronic module (CEM) (LHD)
Blower control module (RHD)
Glove compartment lighting (RHD)
Sunroof control module (SRM)
Lever module switch automatic transmission (GSM)

31/10
Cigarette lighter/12 V outlet front
Cigarette lighter/12 V outlet rear
Entry lighting, front RH side
Central electronic module (CEM) (RHD)
Blower control module (LHD)
Glove compartment lighting (LHD)
Front ashtray lighting

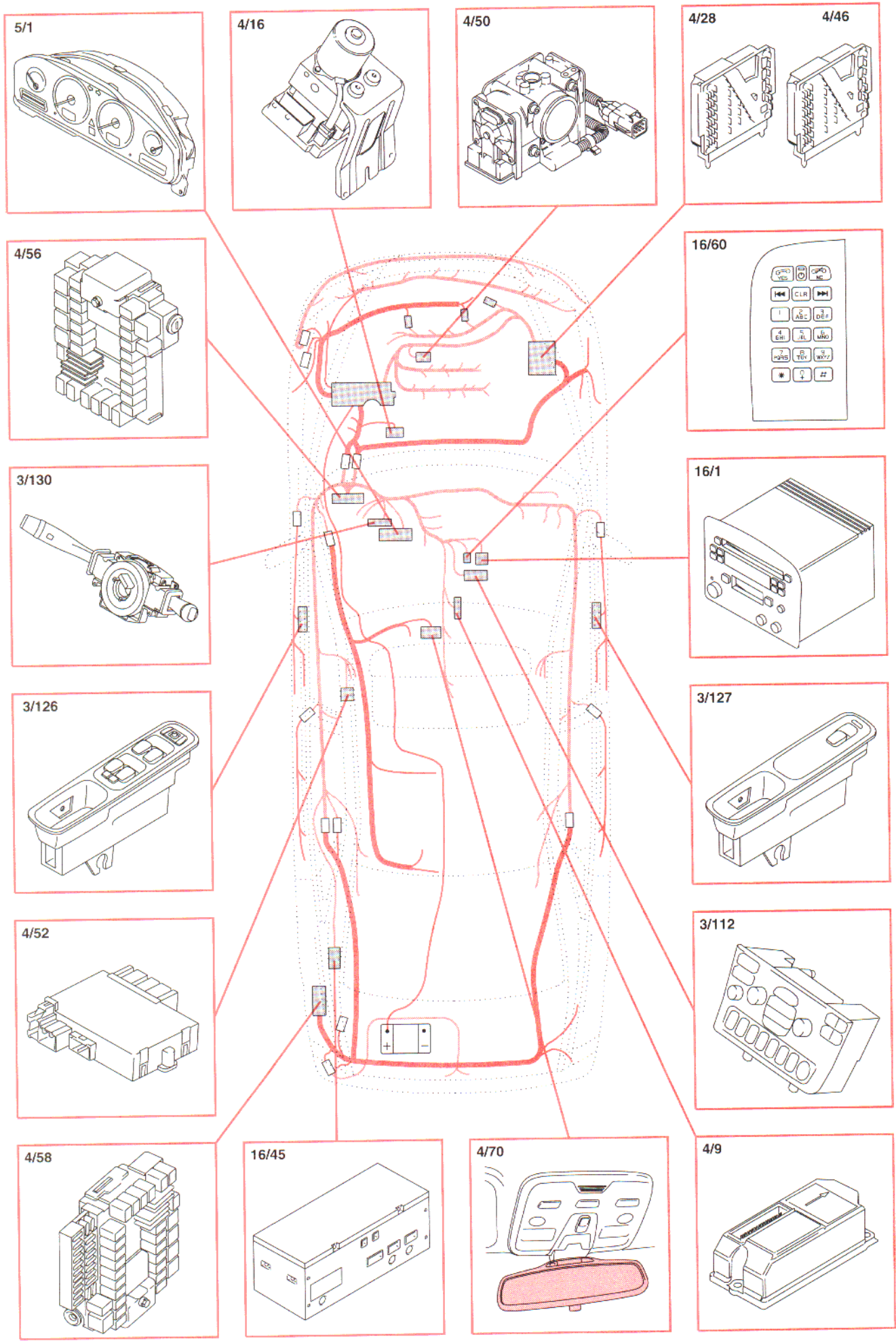
31/44
Ground terminal, left side member (ground terminal body-engine)

31/47
Fuel pump

31/48
Heated rear window (V70)
Bass speaker connector (V70)

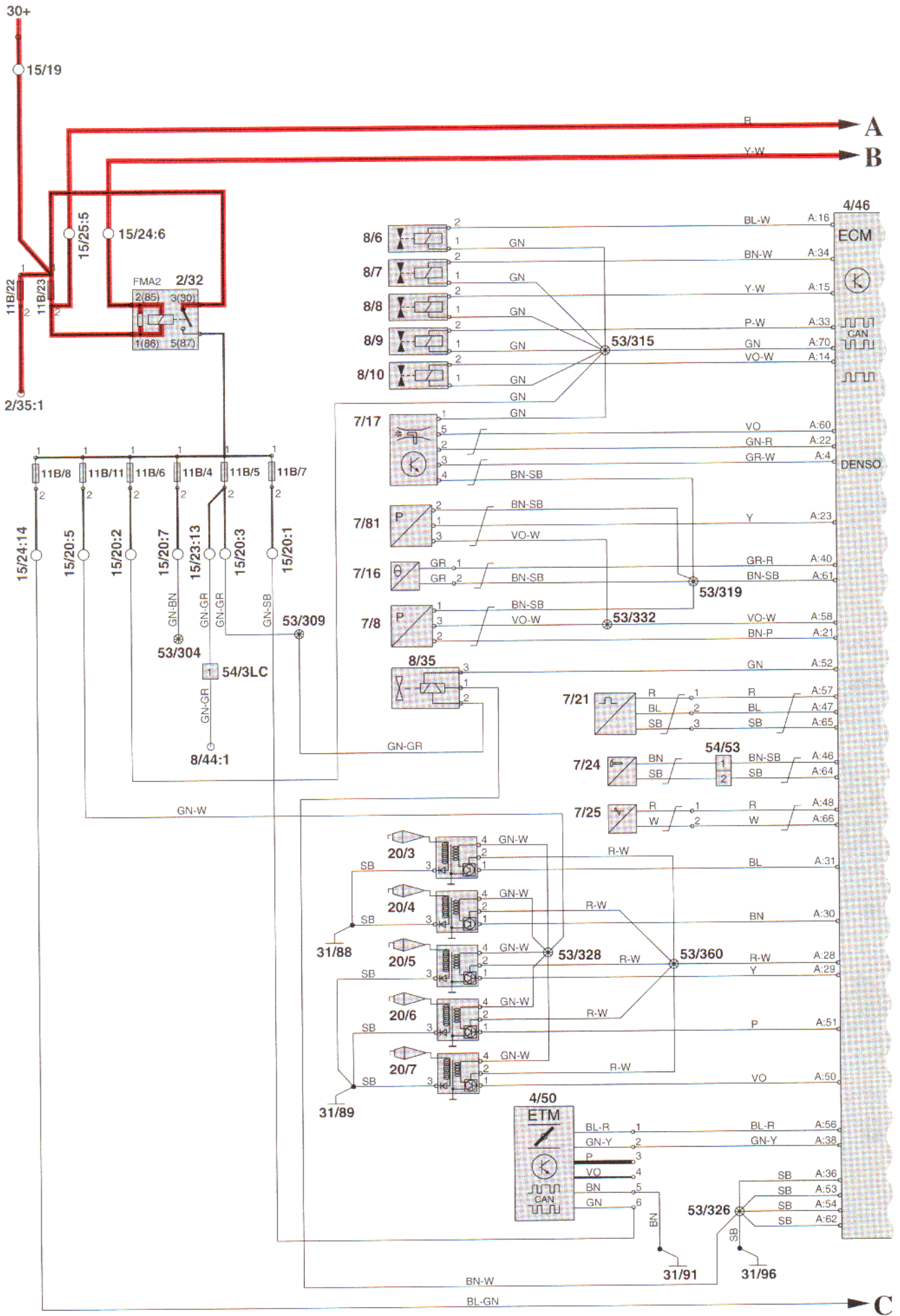
31/66
Switch module, left front door (DDM/PDM)
Deadbolt relay, LH rear door
Lock unit, left rear door
Entry lighting, rear LH side (S80)
Power window switch, left rear door
Left seat heater
Power driver seat control module (PSM) (LHD)
Power passenger seat control module (RHD)

Control modules - overview S80

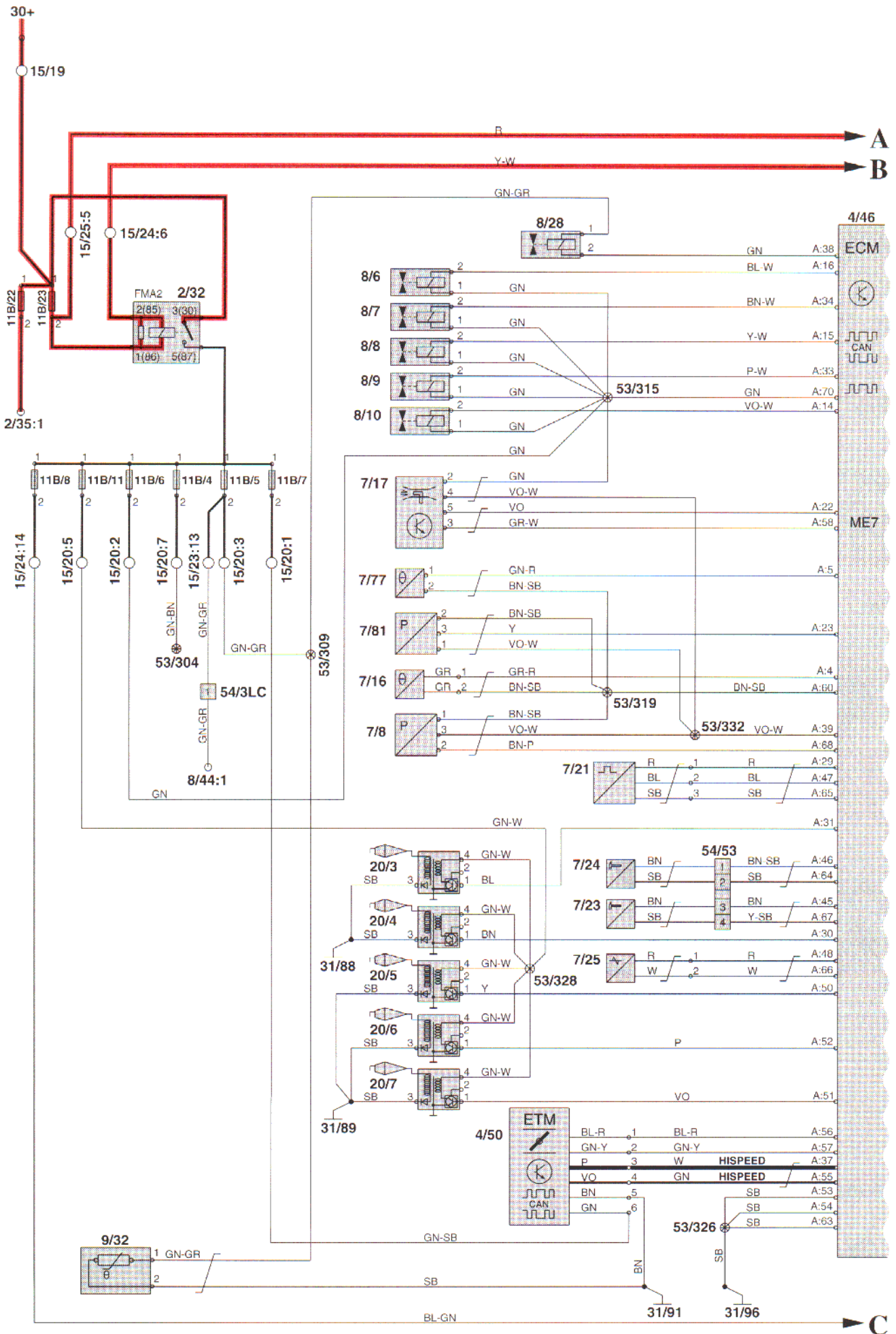


Engine control system

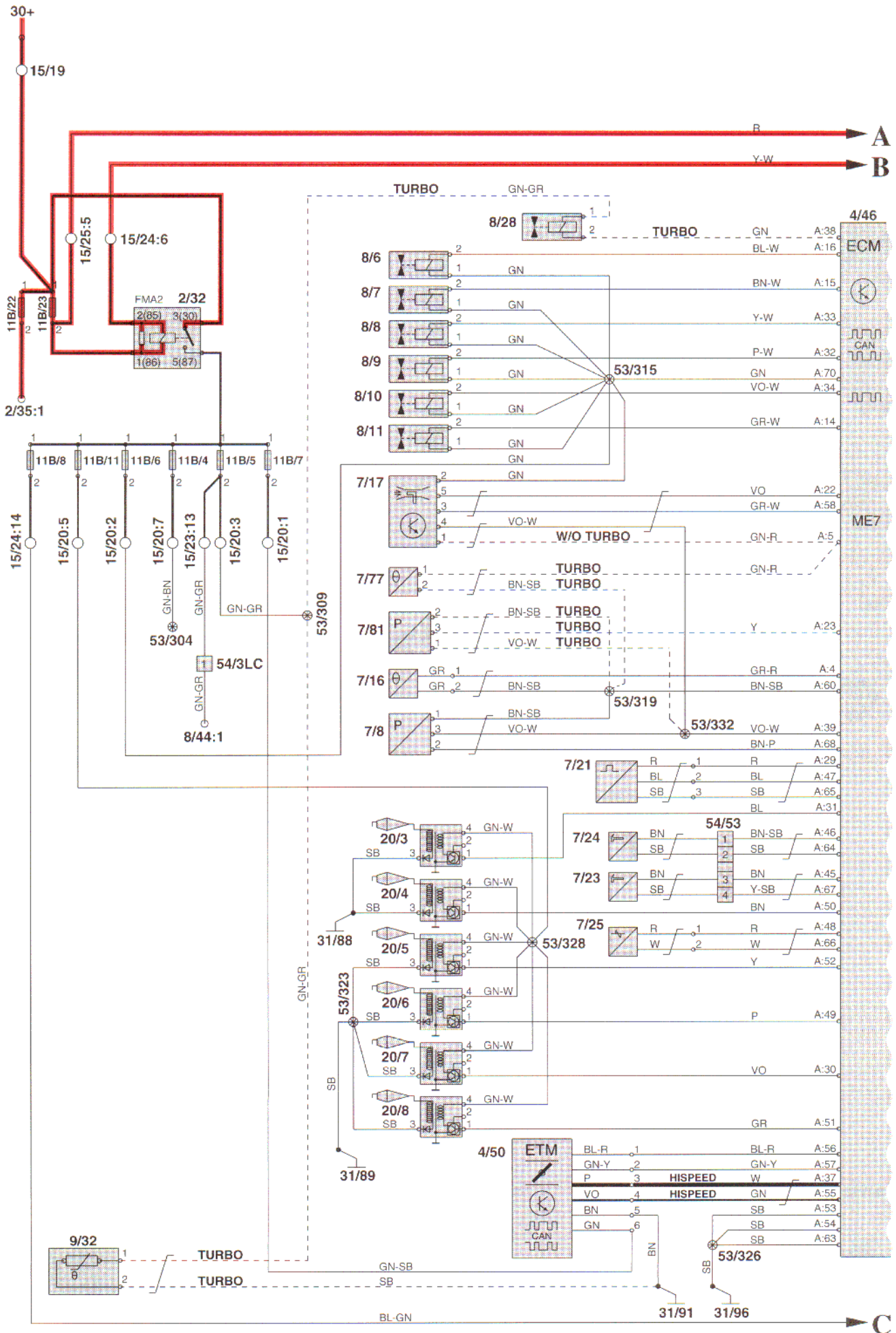
Denso



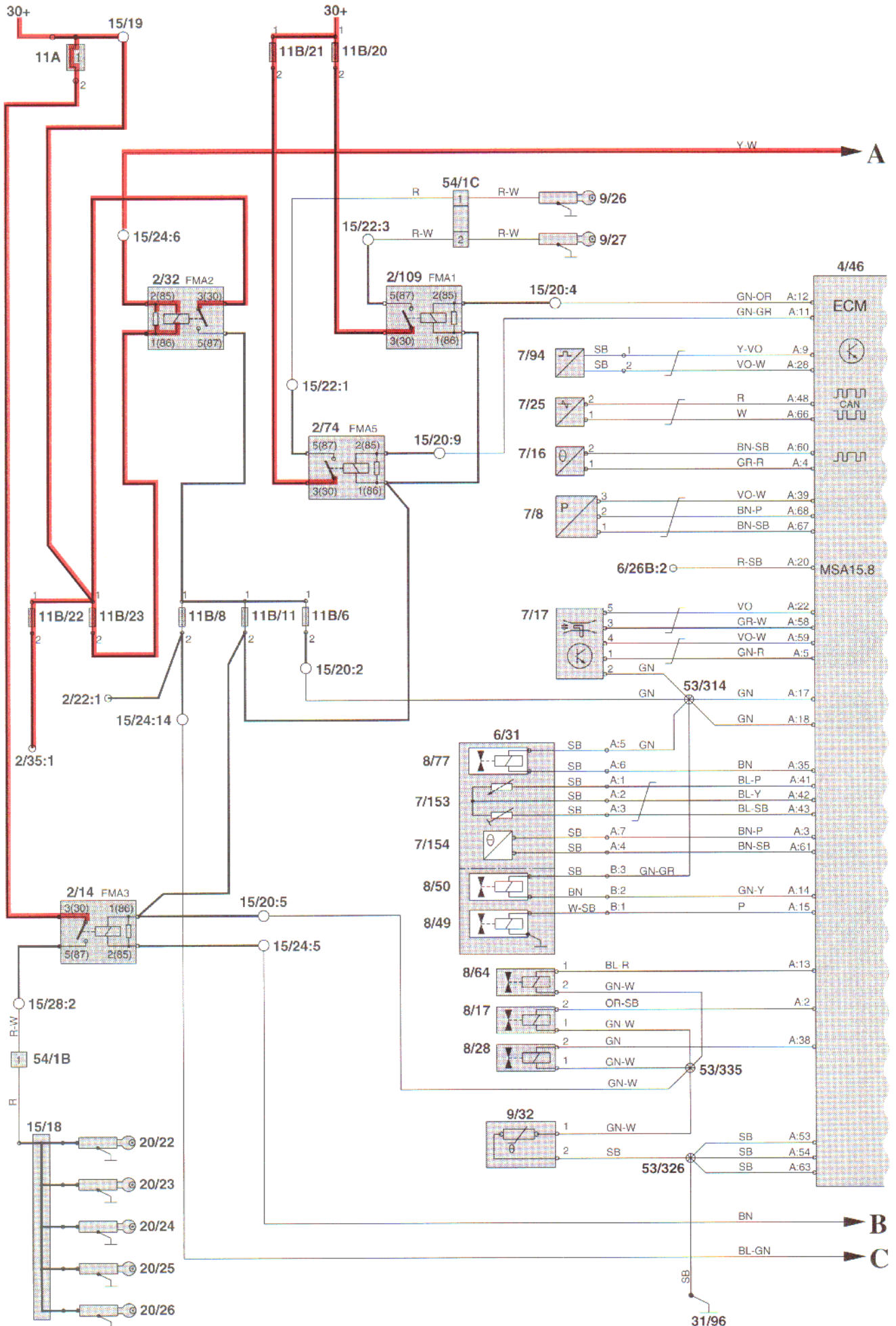
Engine control system ME7, 5 cylinder



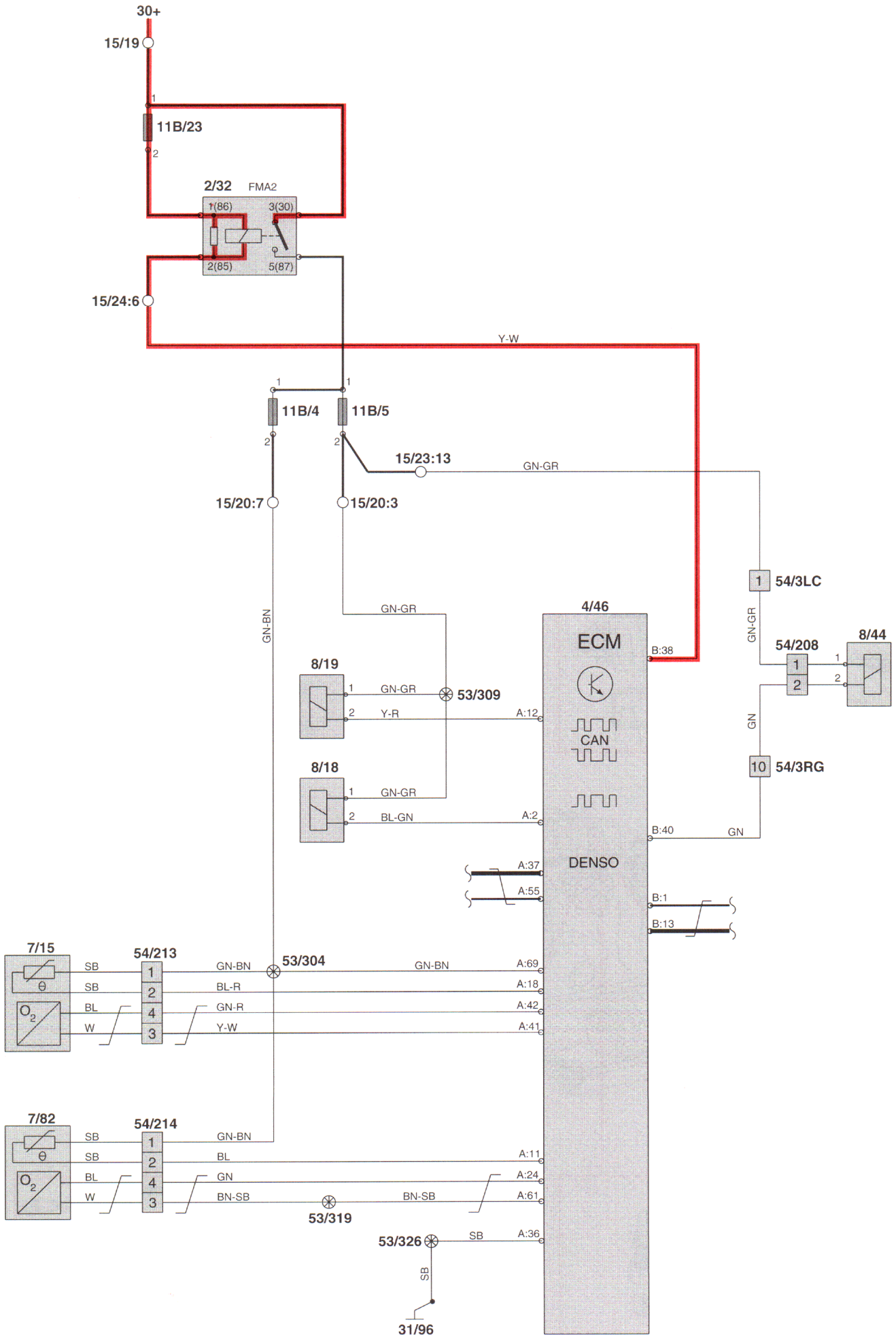
Engine control system ME7, 6 cylinder



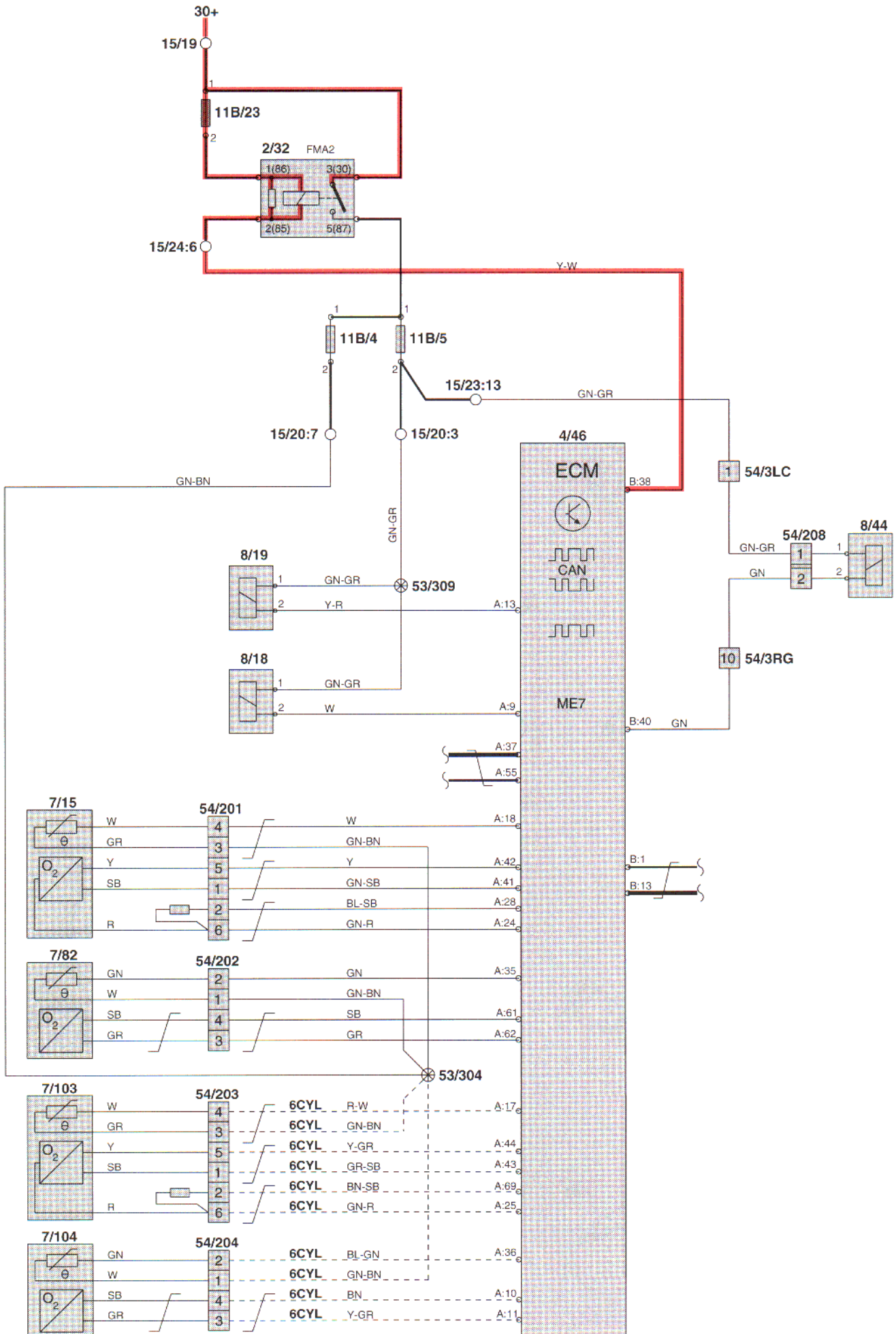
Engine control system MSA 15.8



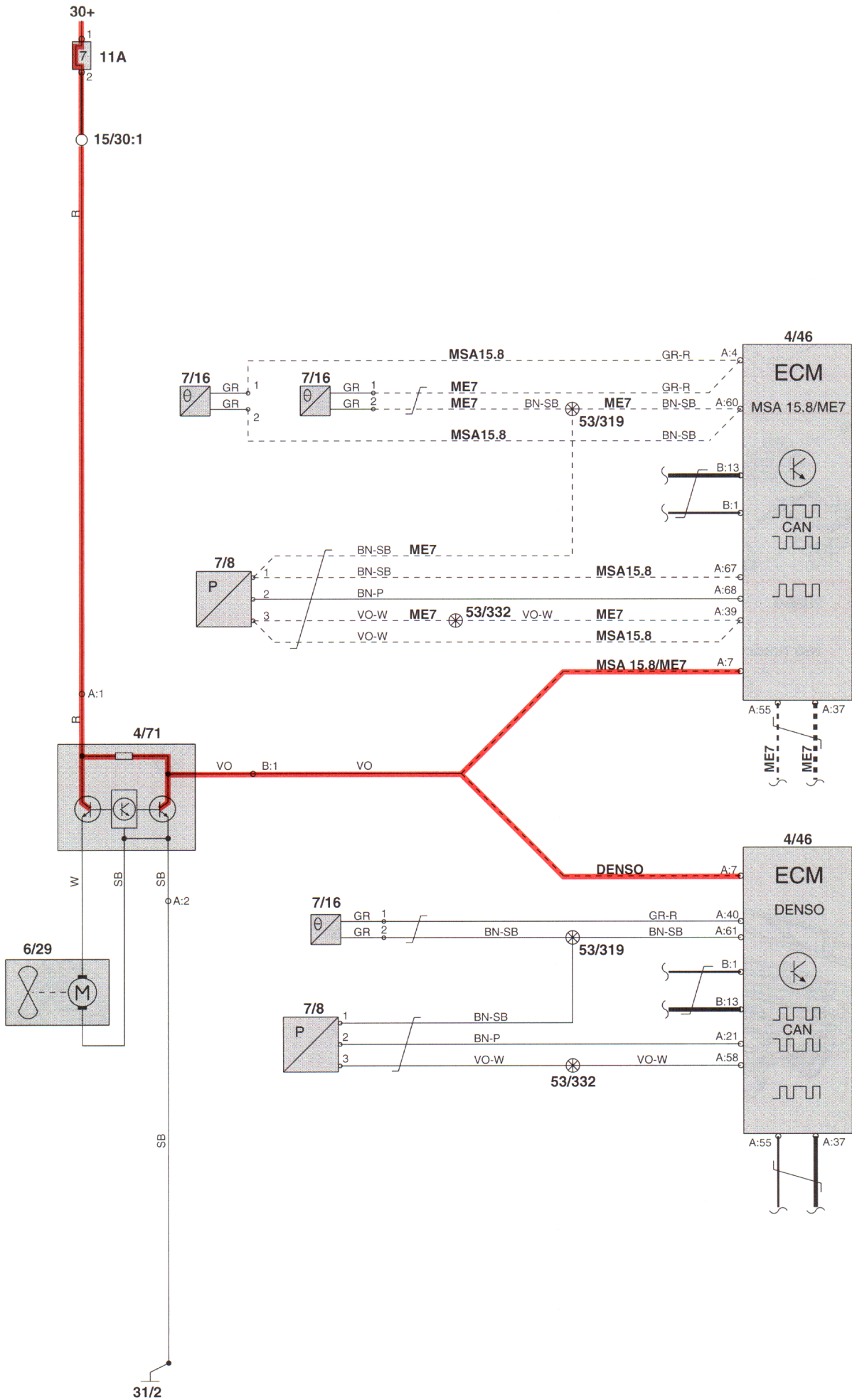
Emission control Denso



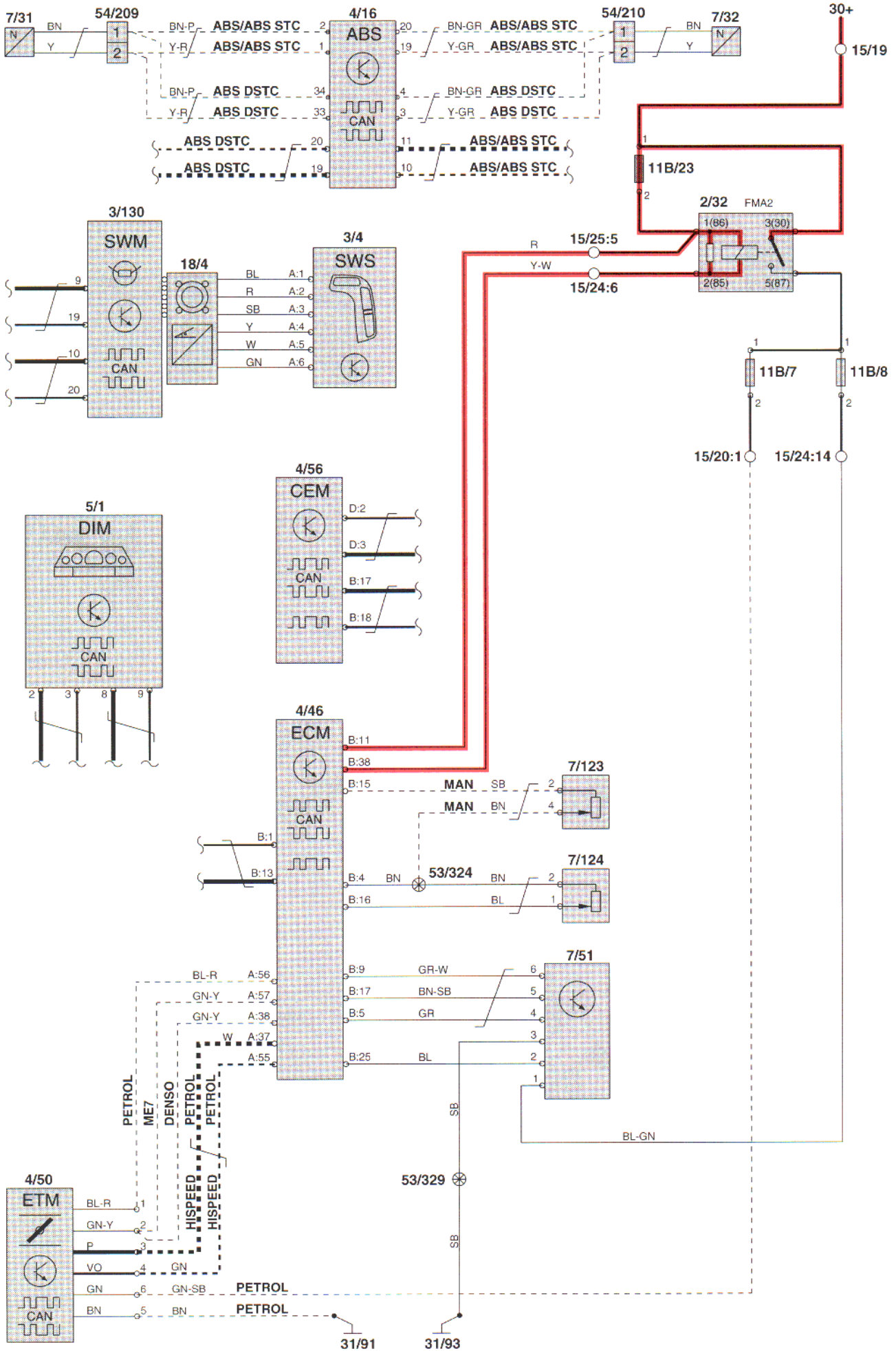
Emission control ME7



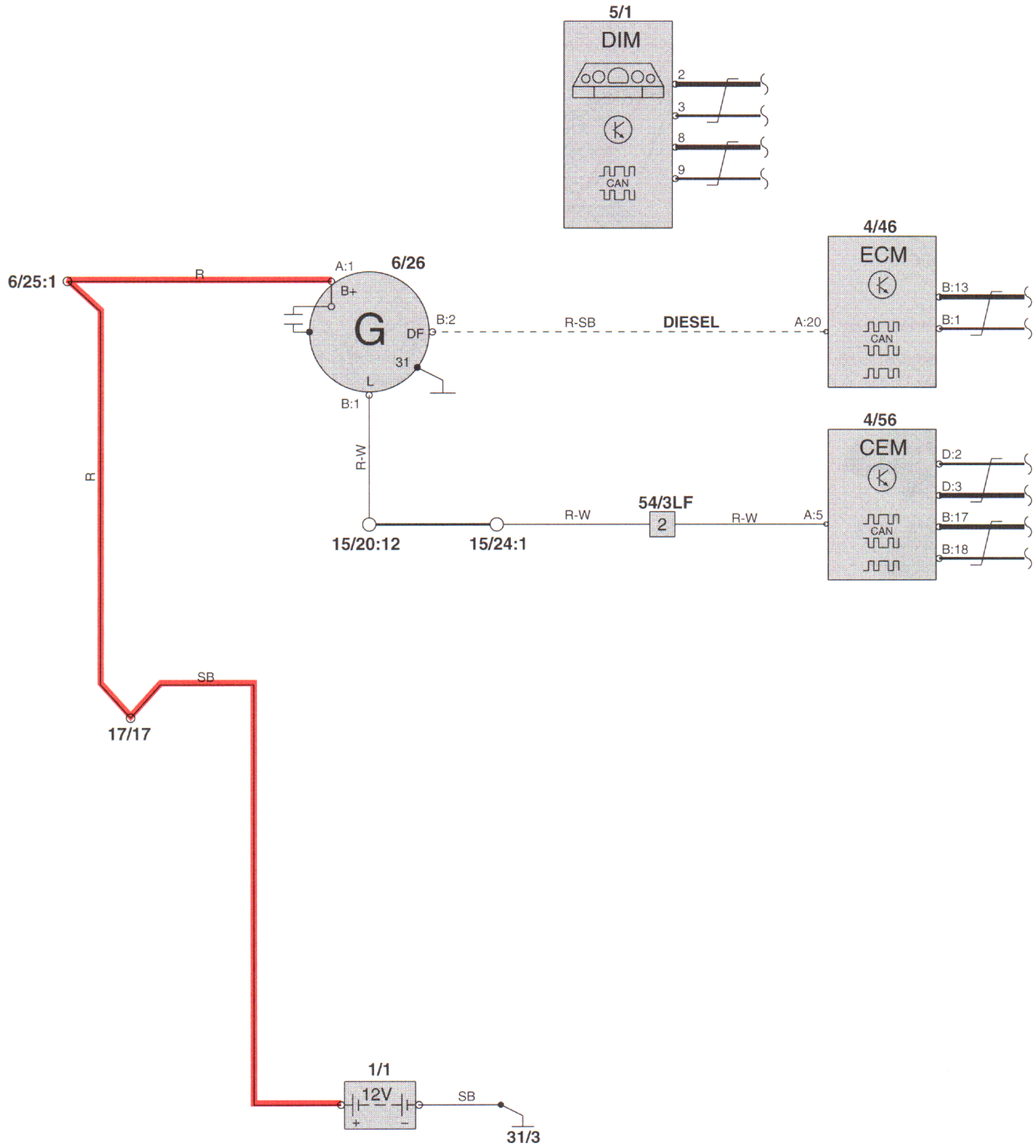
Electric cooling fan



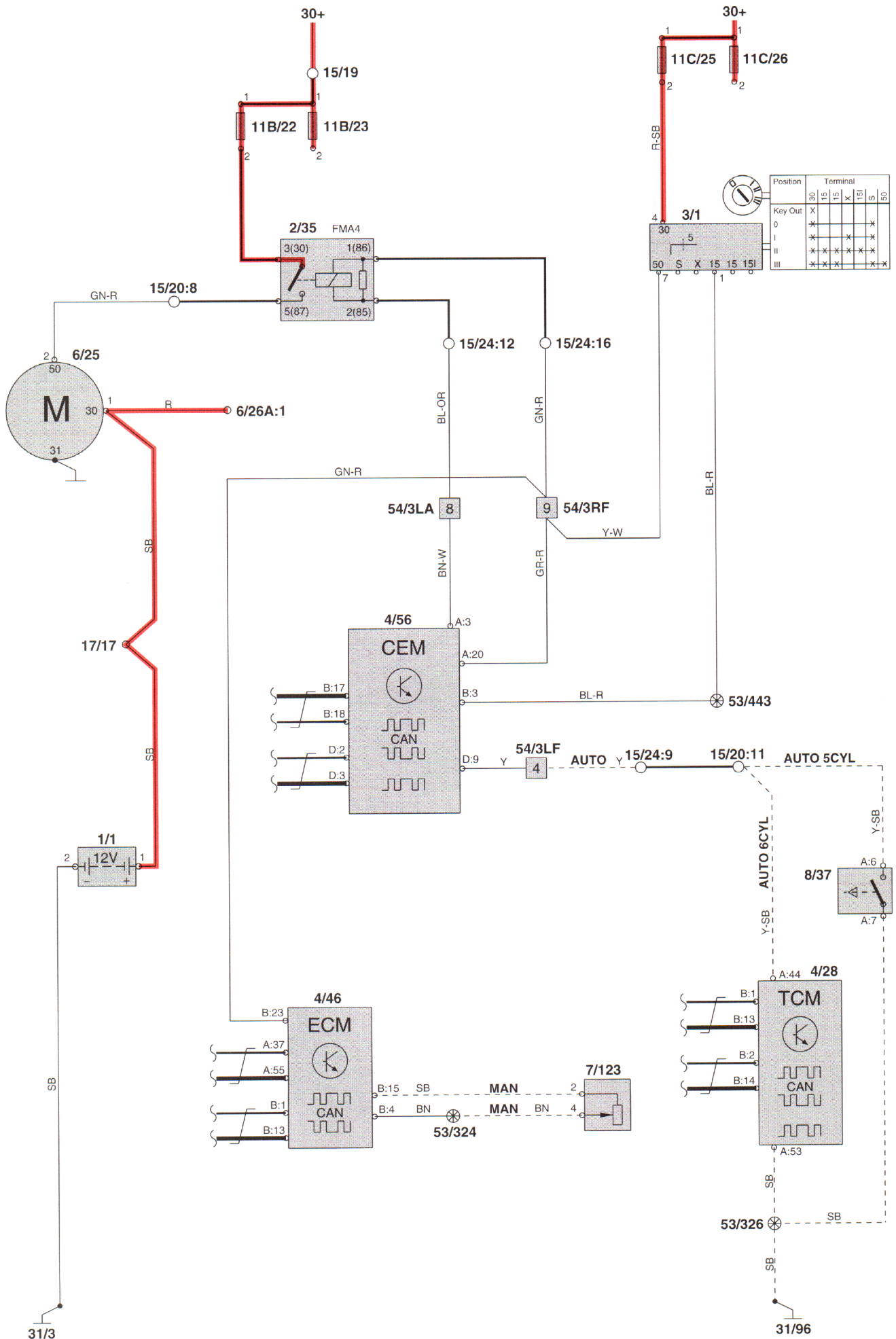
Cruise control



Power supply

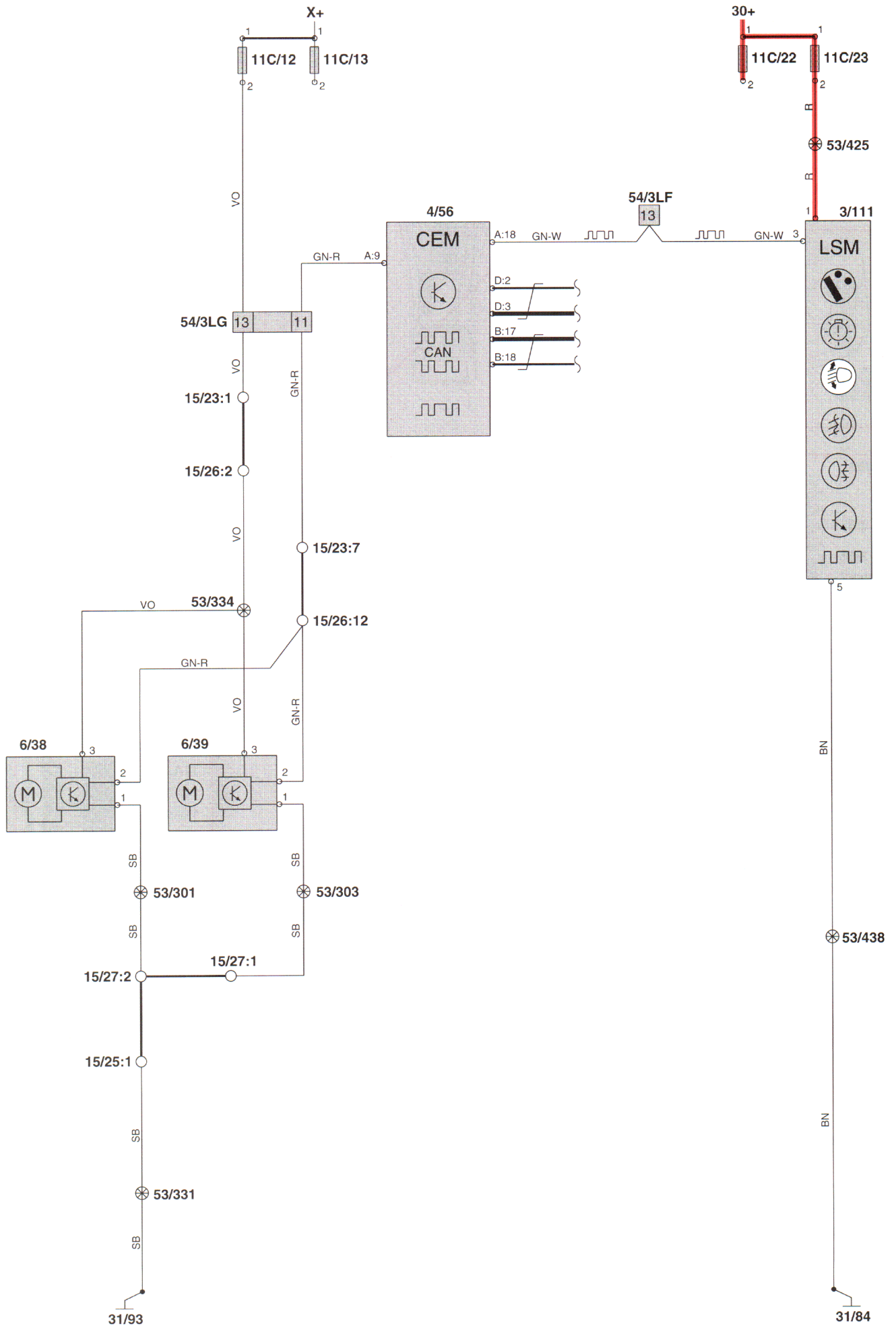


Starting system

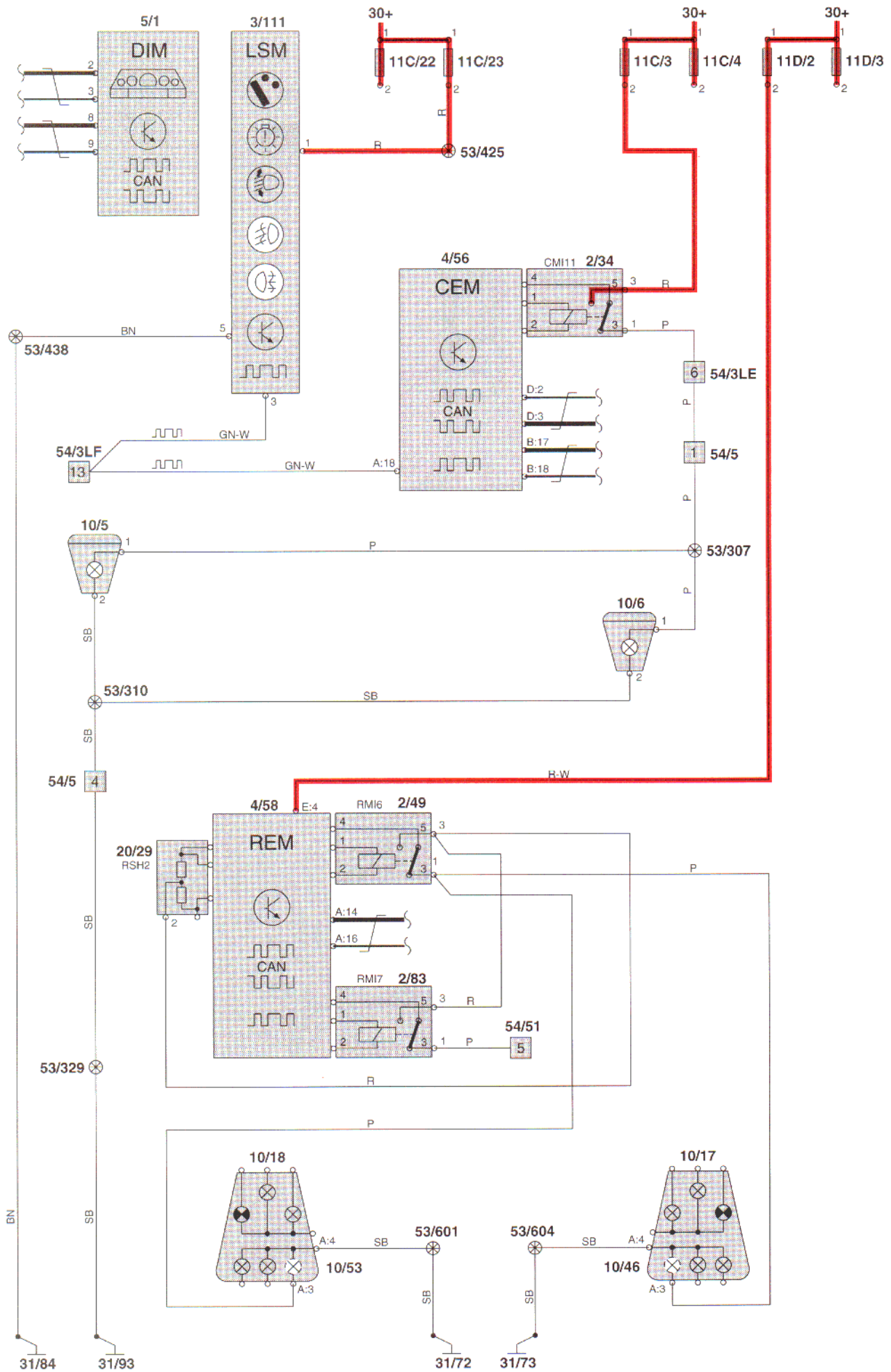


Position	Terminal
0	X
I	X
II	X
III	X

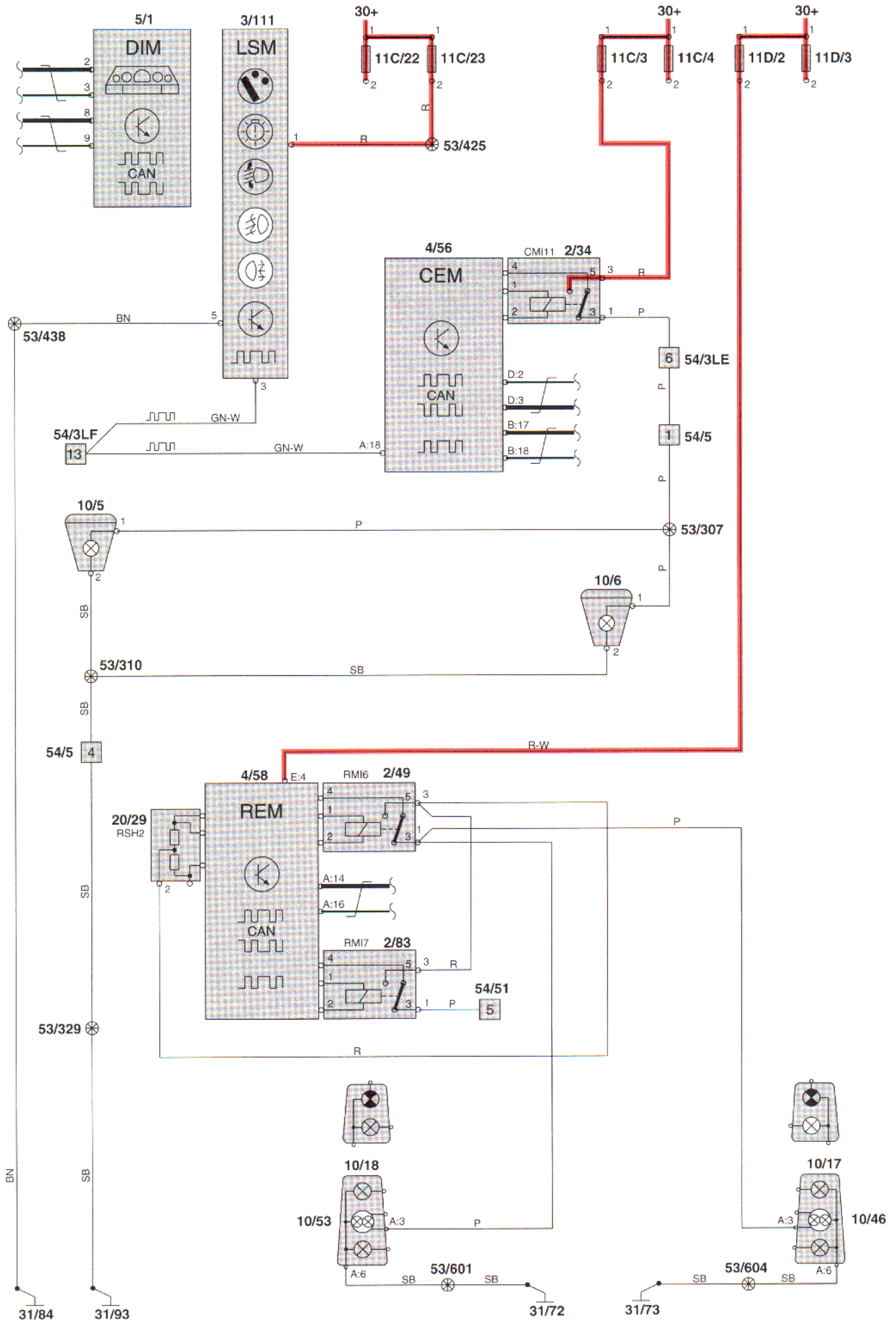
Beam length adjustment



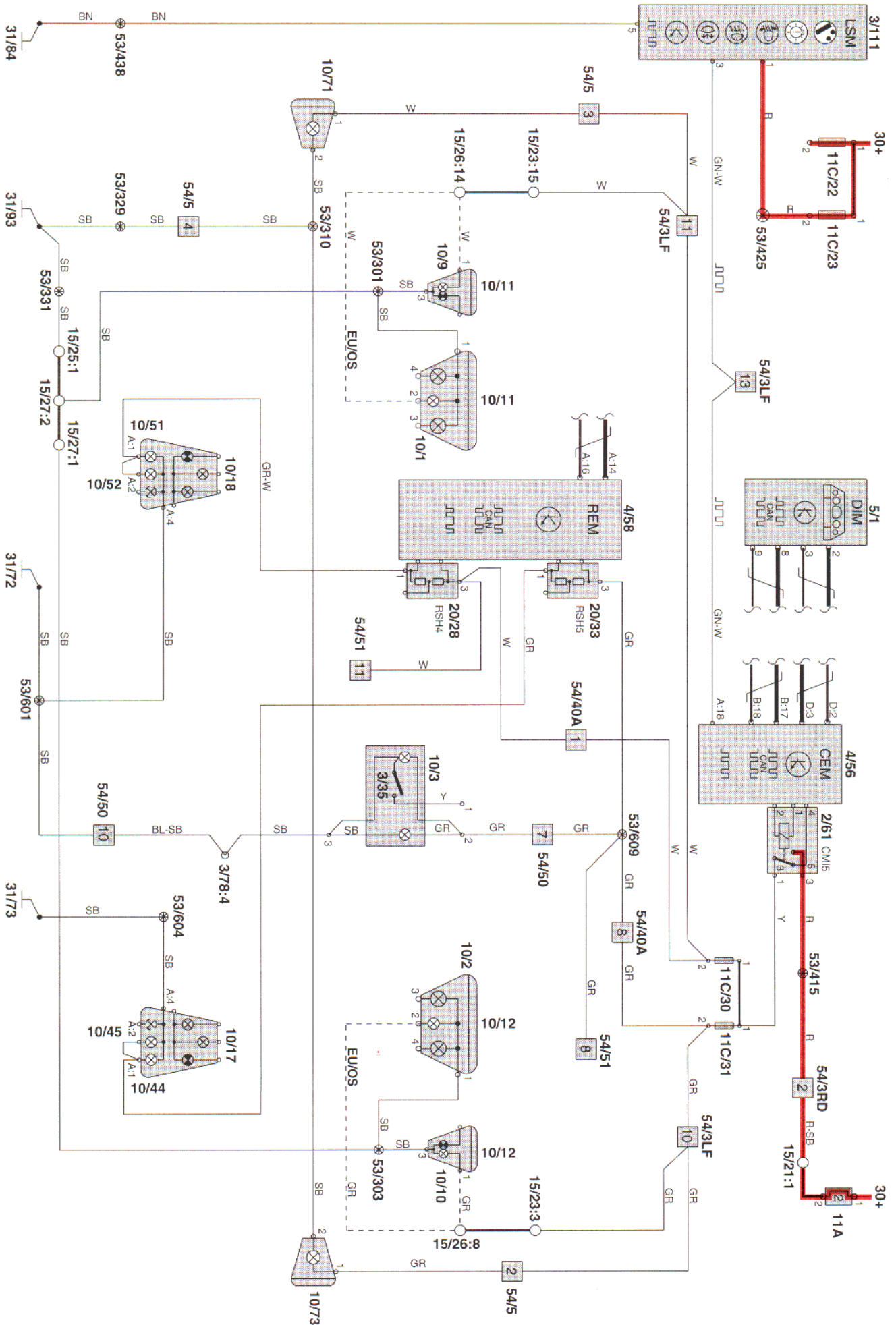
Fog lights (S80)



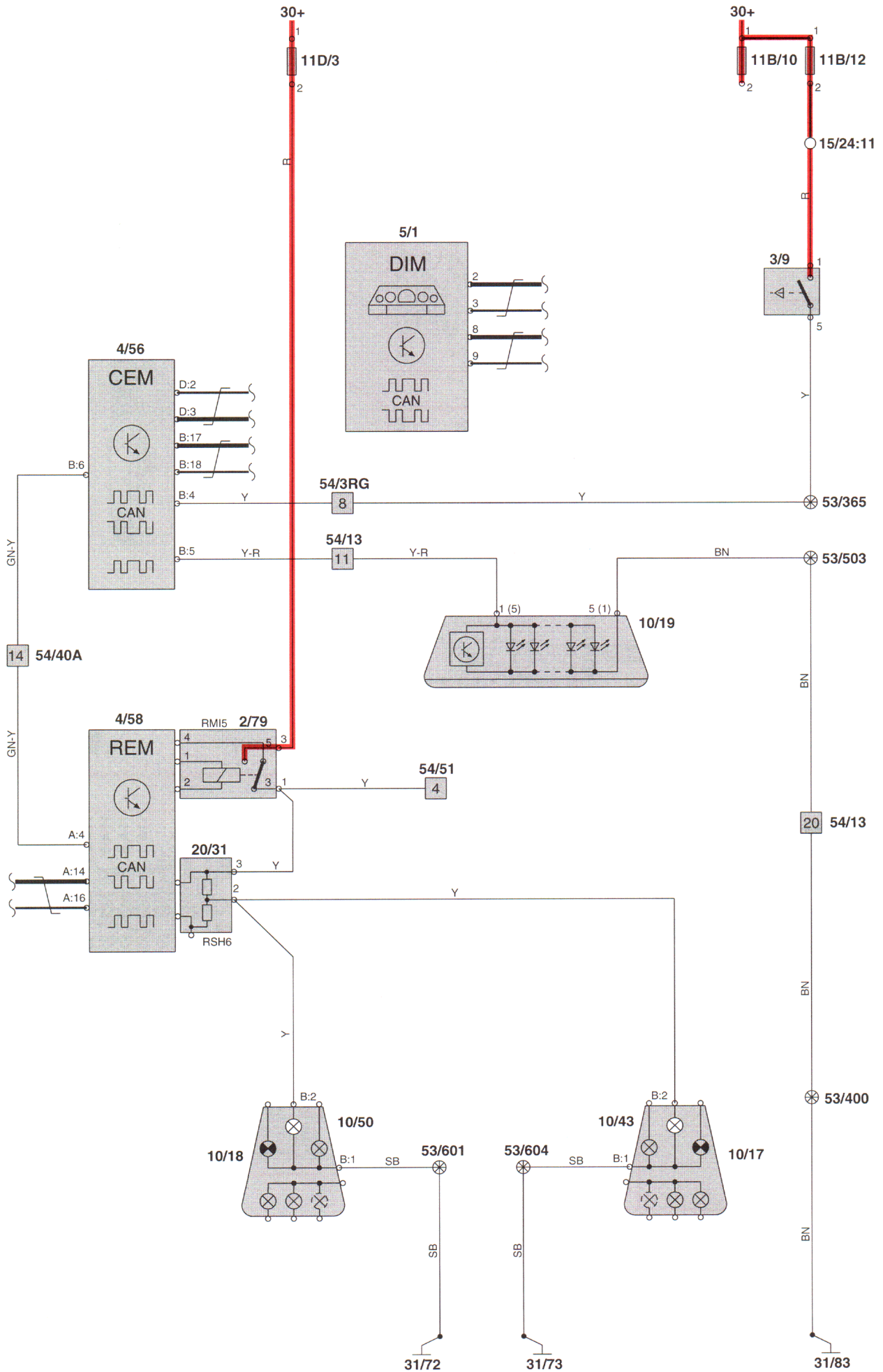
Fog lights (V70)



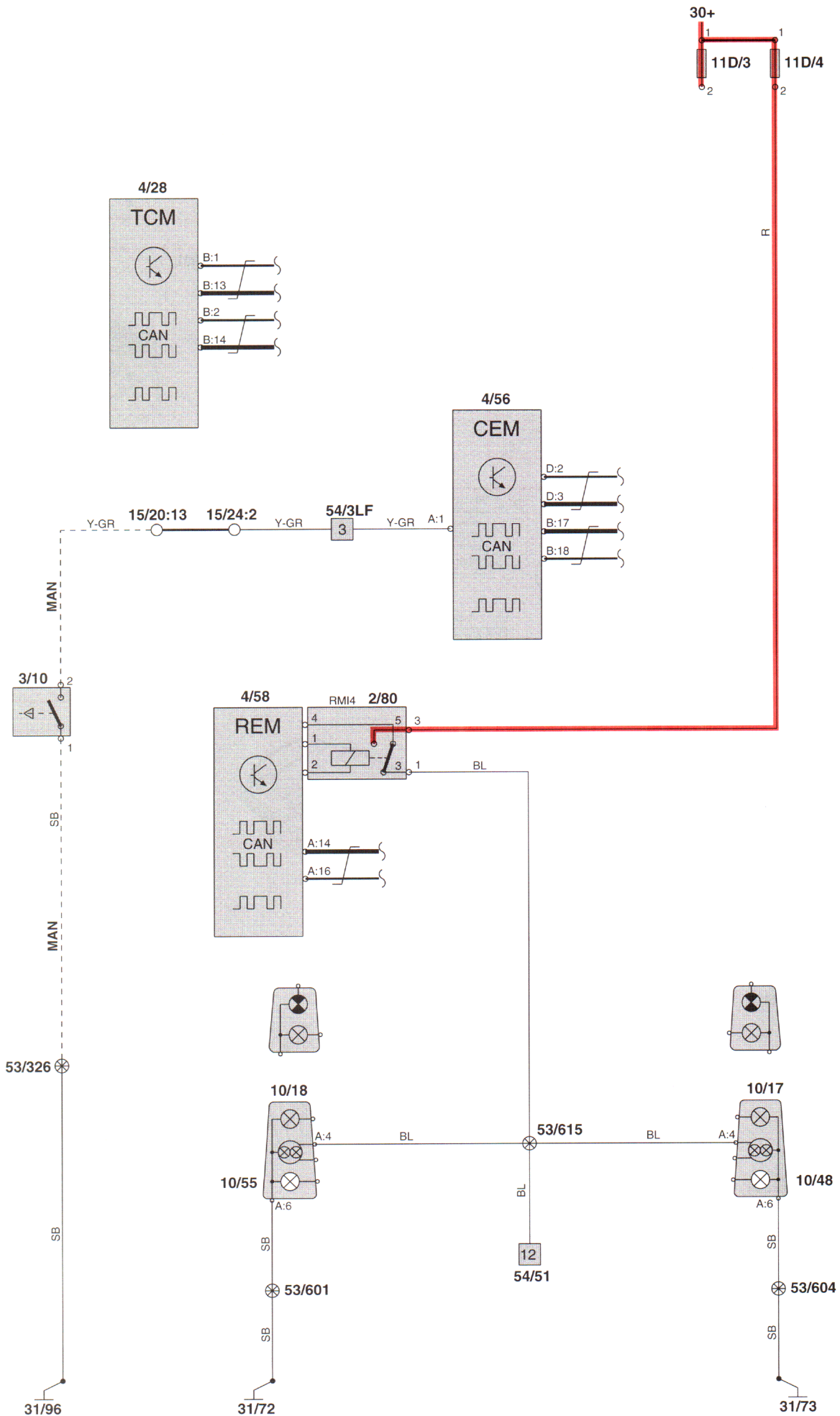
Parking lights, taillights, and license plate lighting (S80)



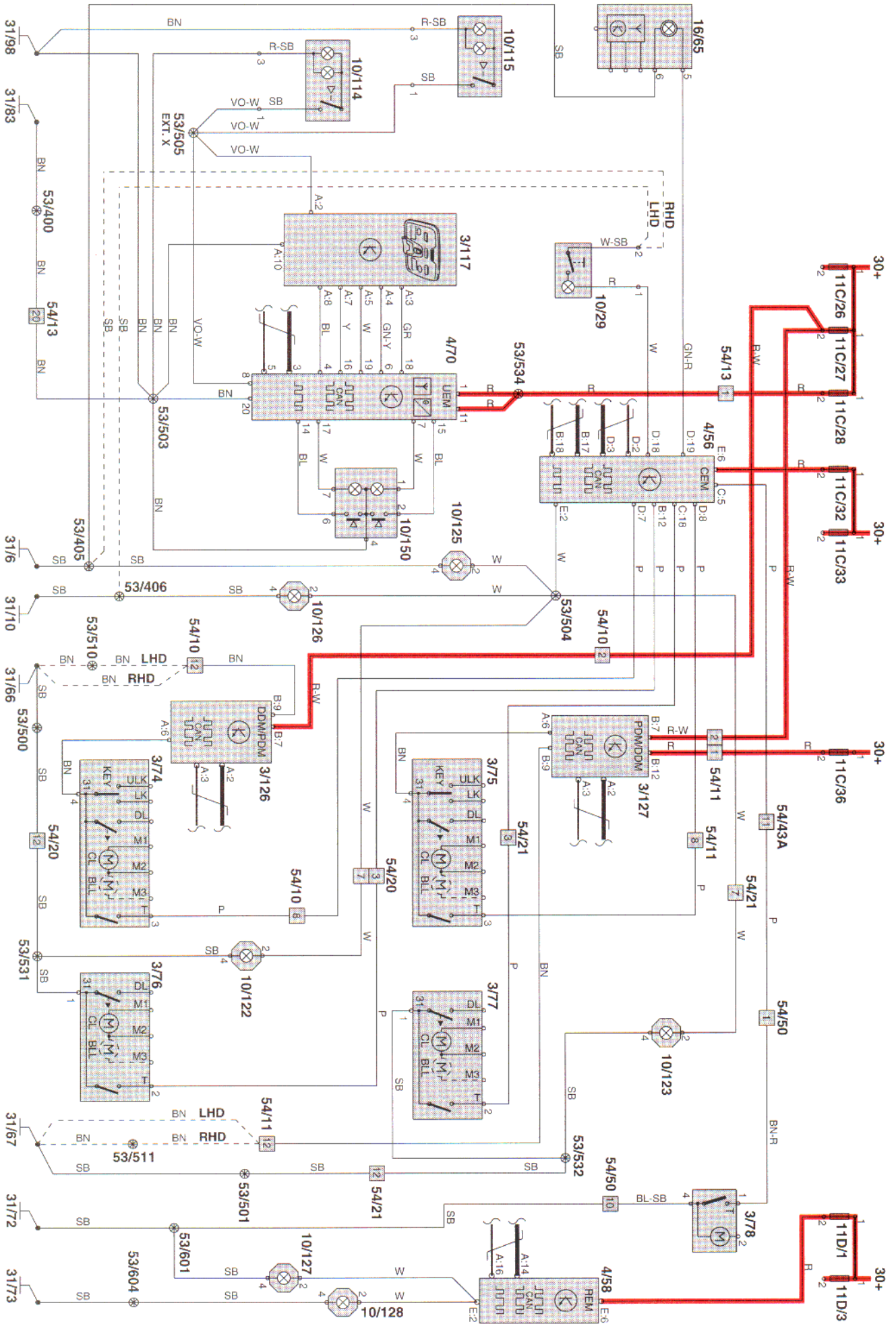
Brake lights (S80)



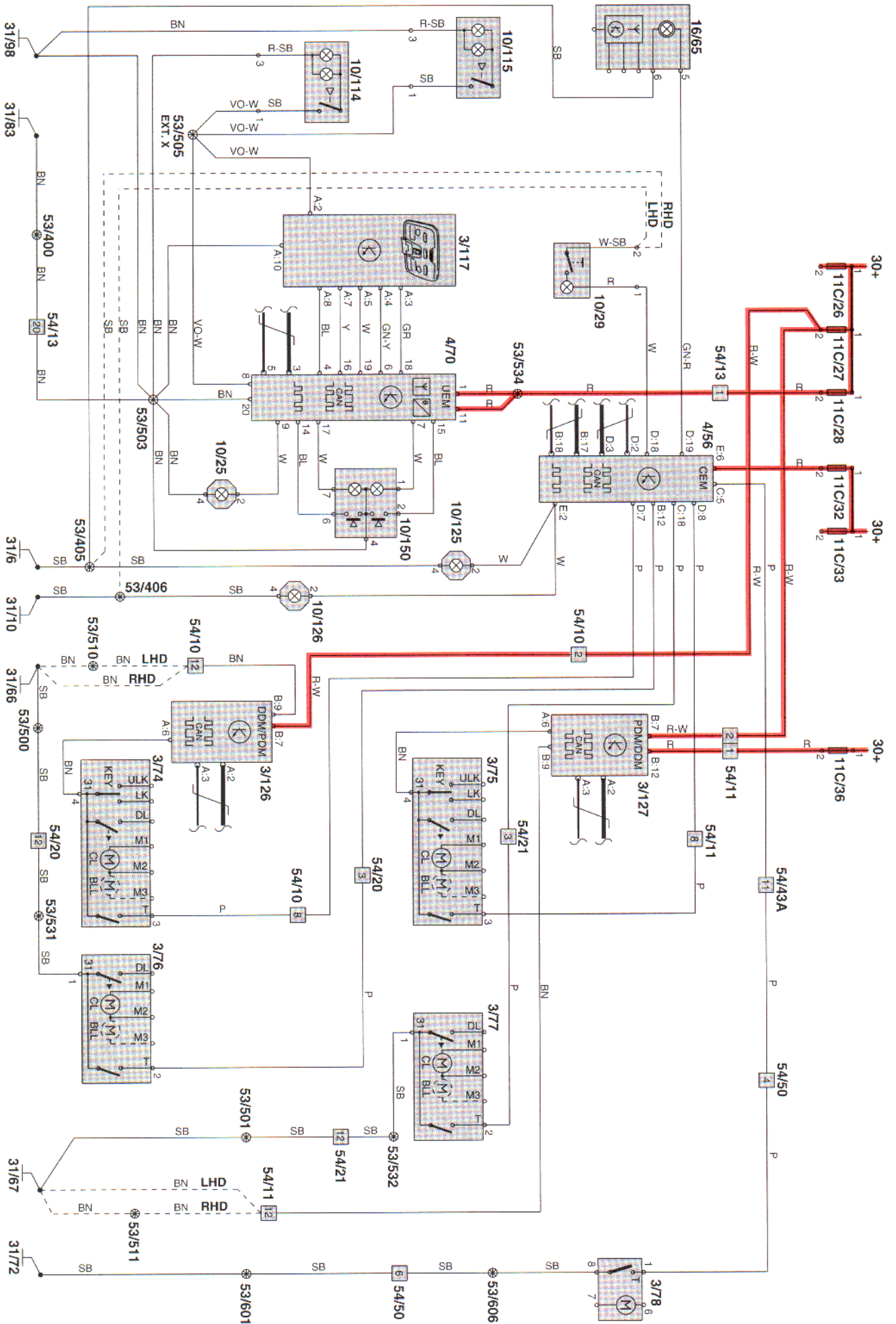
Reversing lights (V70)



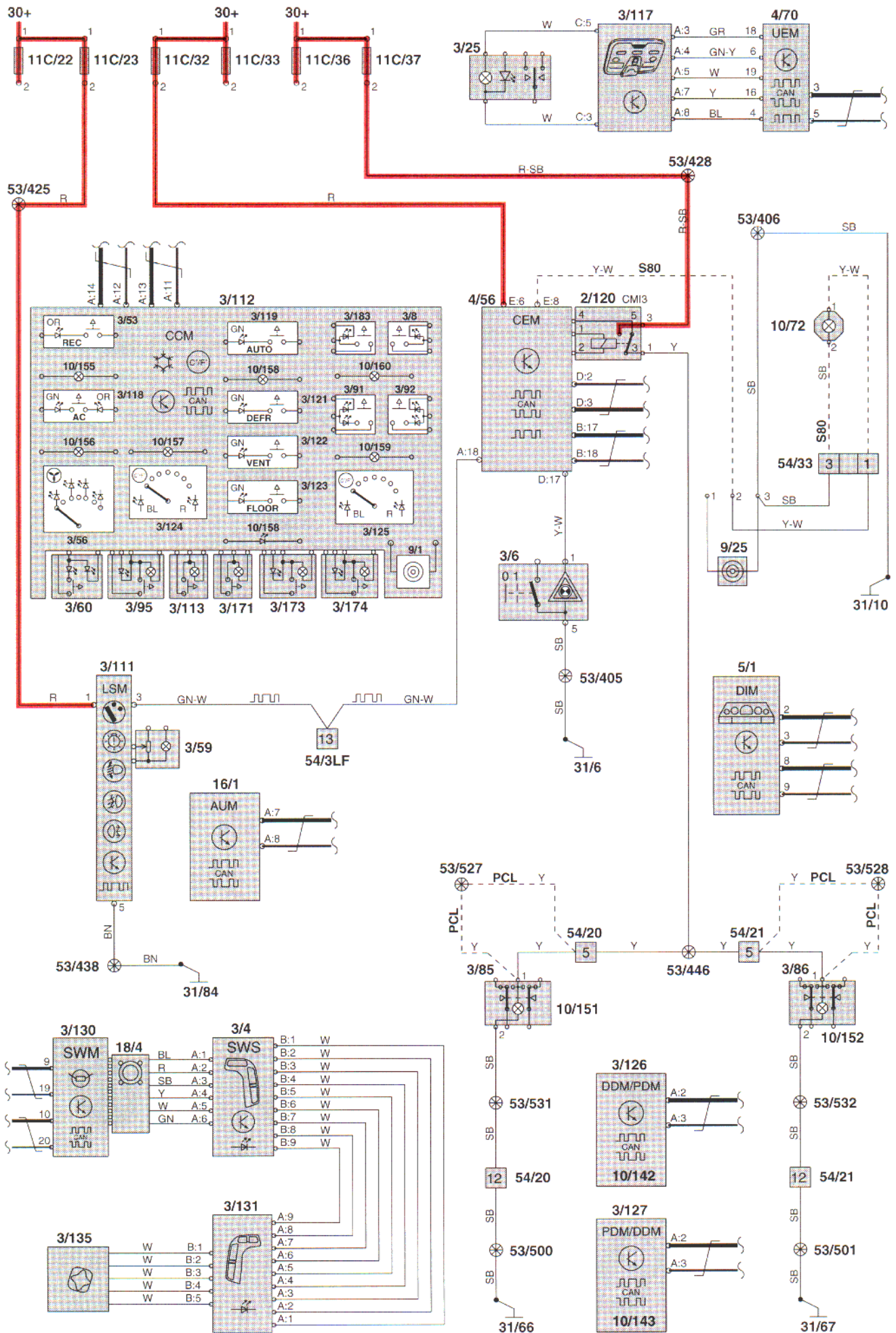
Interior lighting (S80)



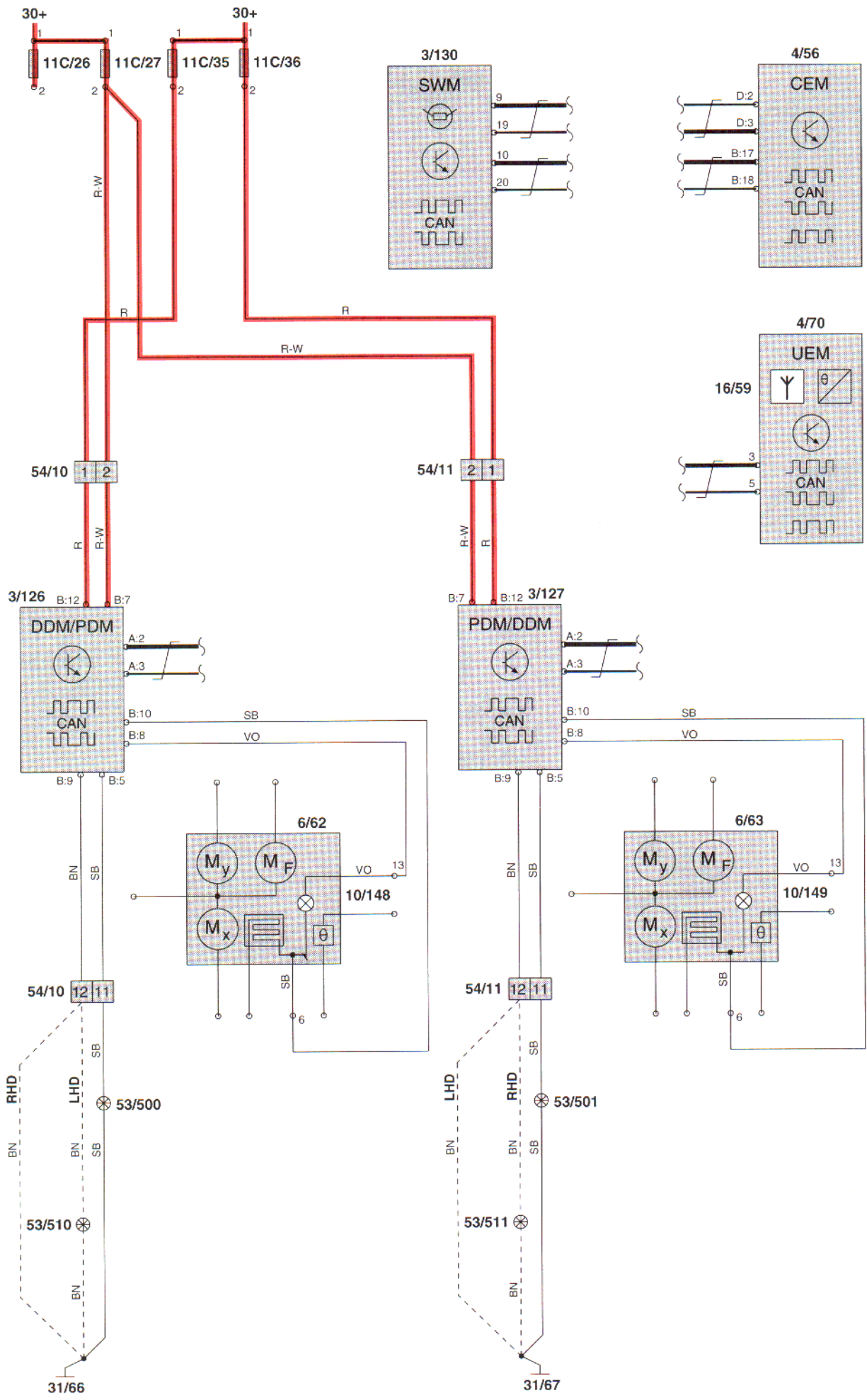
Interior lighting (V70)



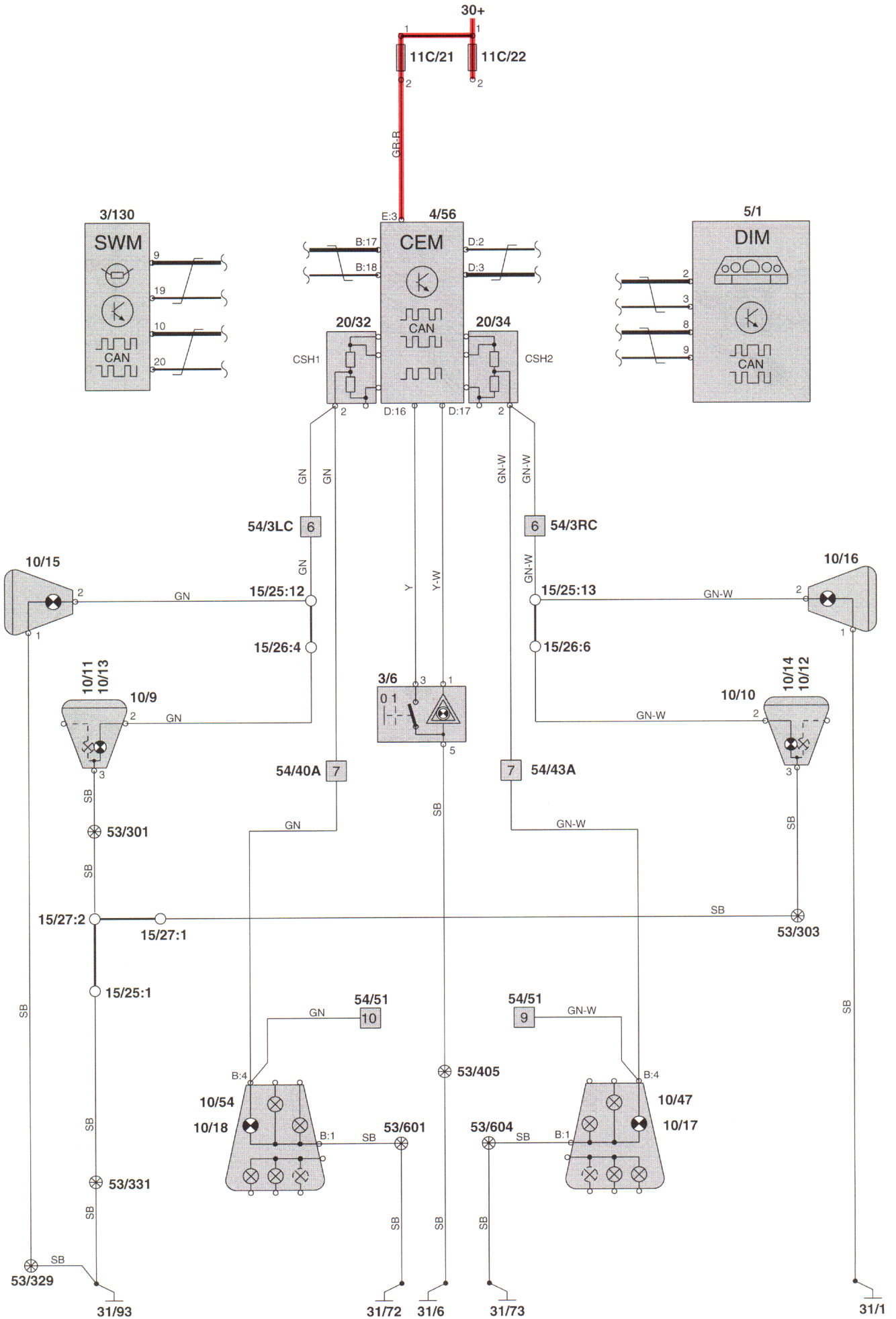
Instrument and control lighting



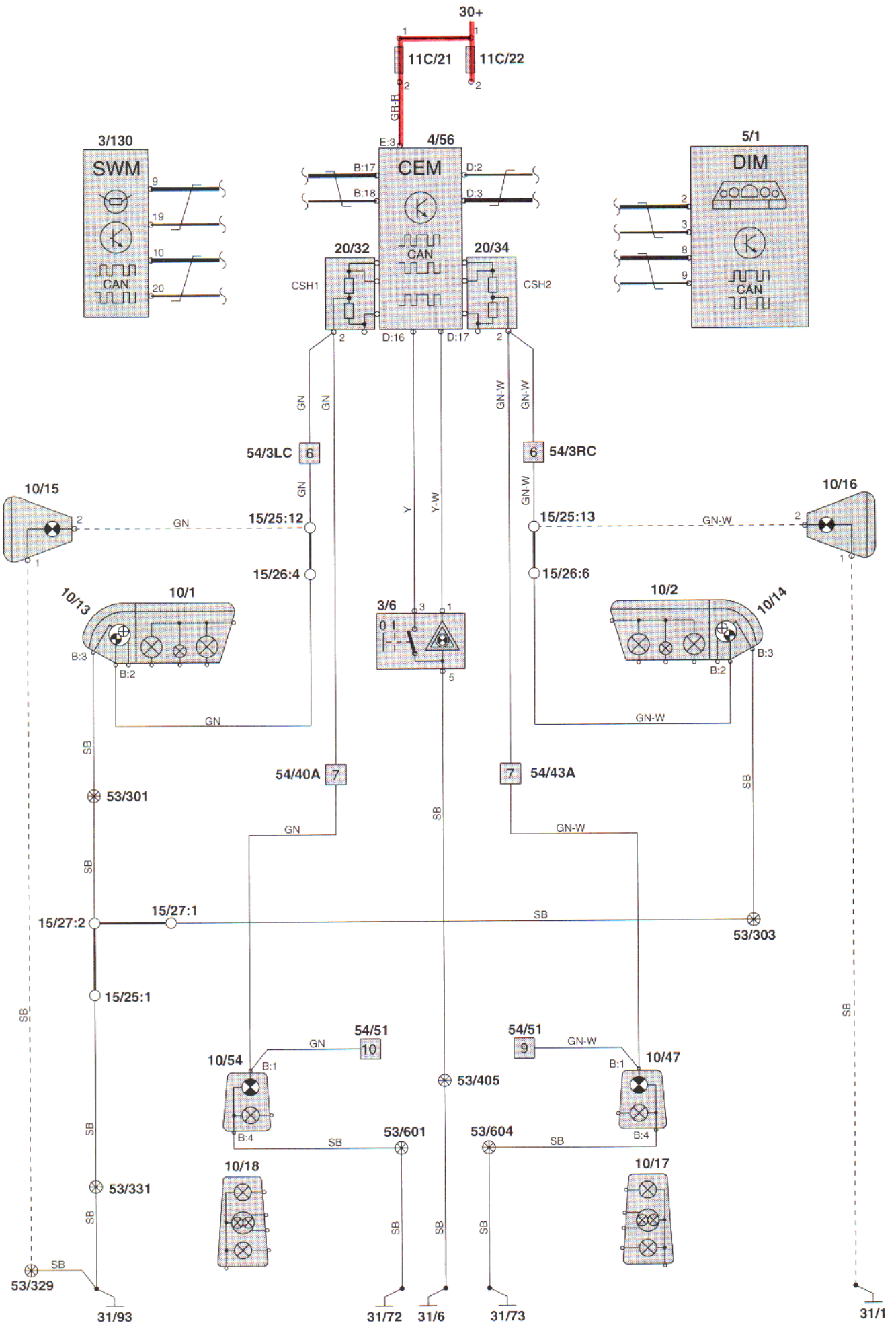
Safety lighting



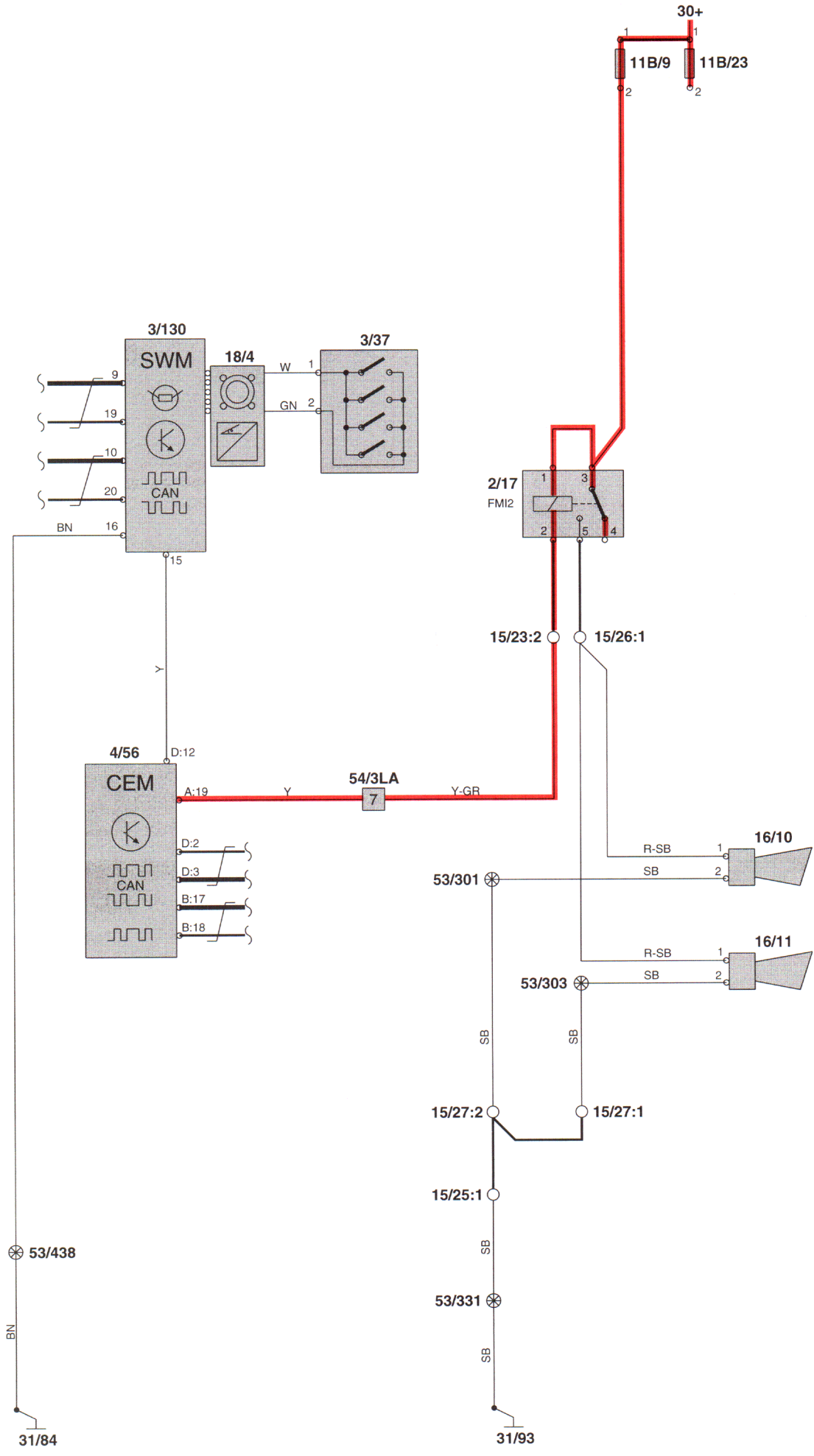
Turn signals and hazard warning flashers (S80)



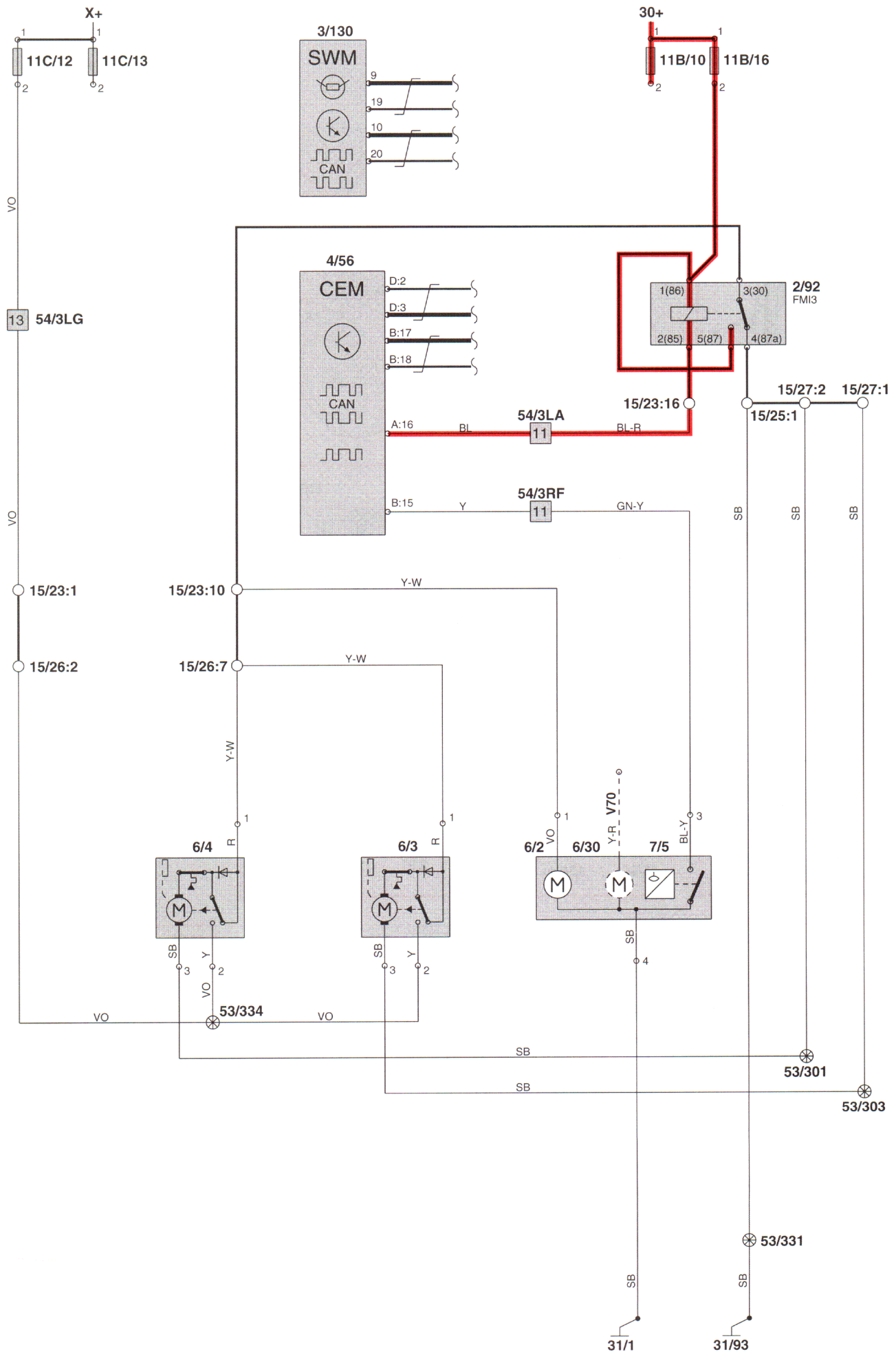
Turn signals and hazard warning flashers (V70)



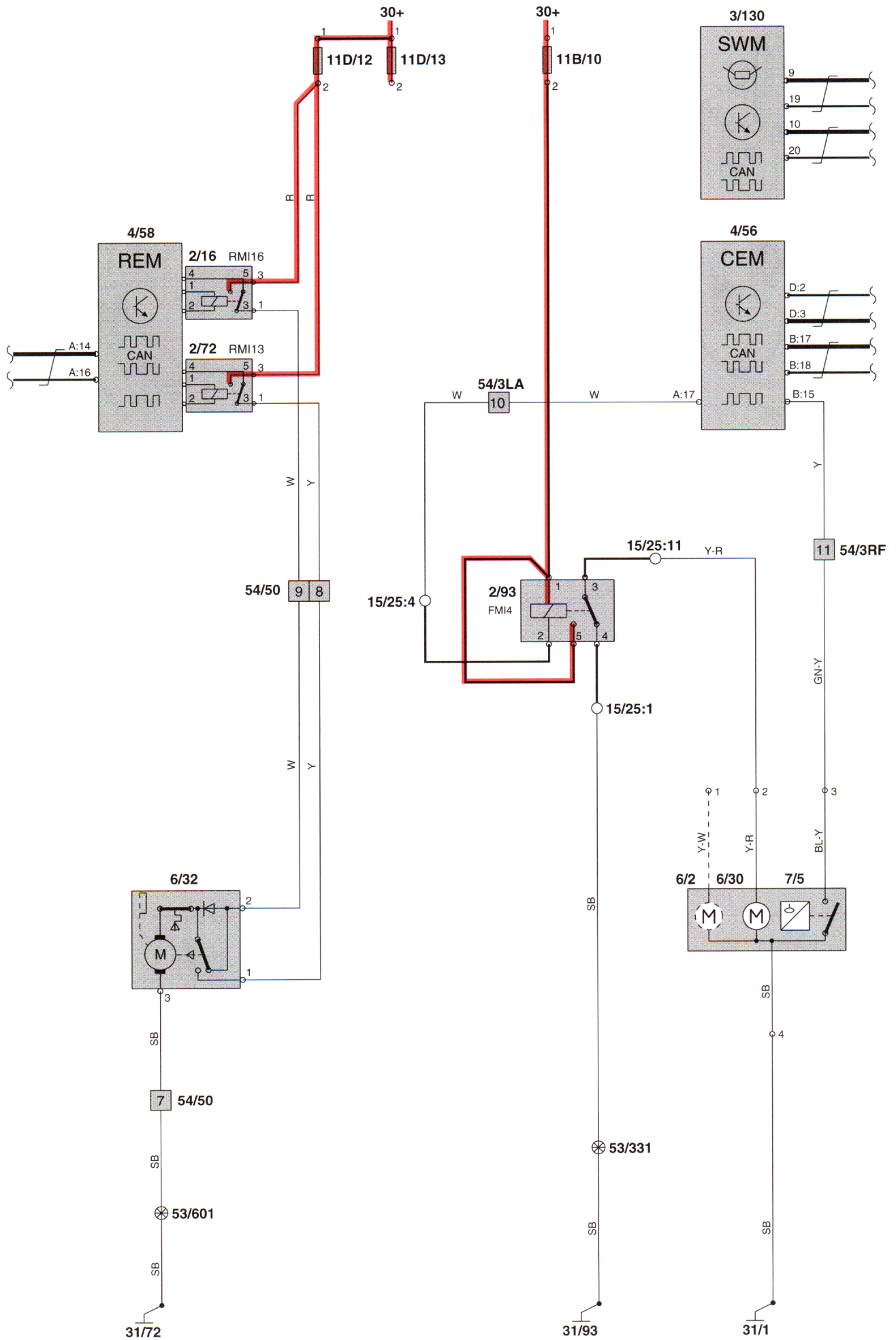
Horn



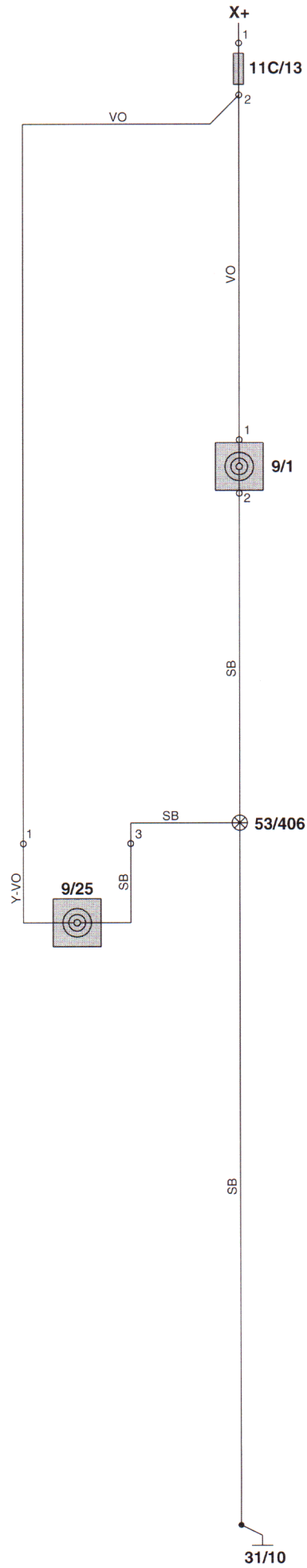
Headlight wiper/washer



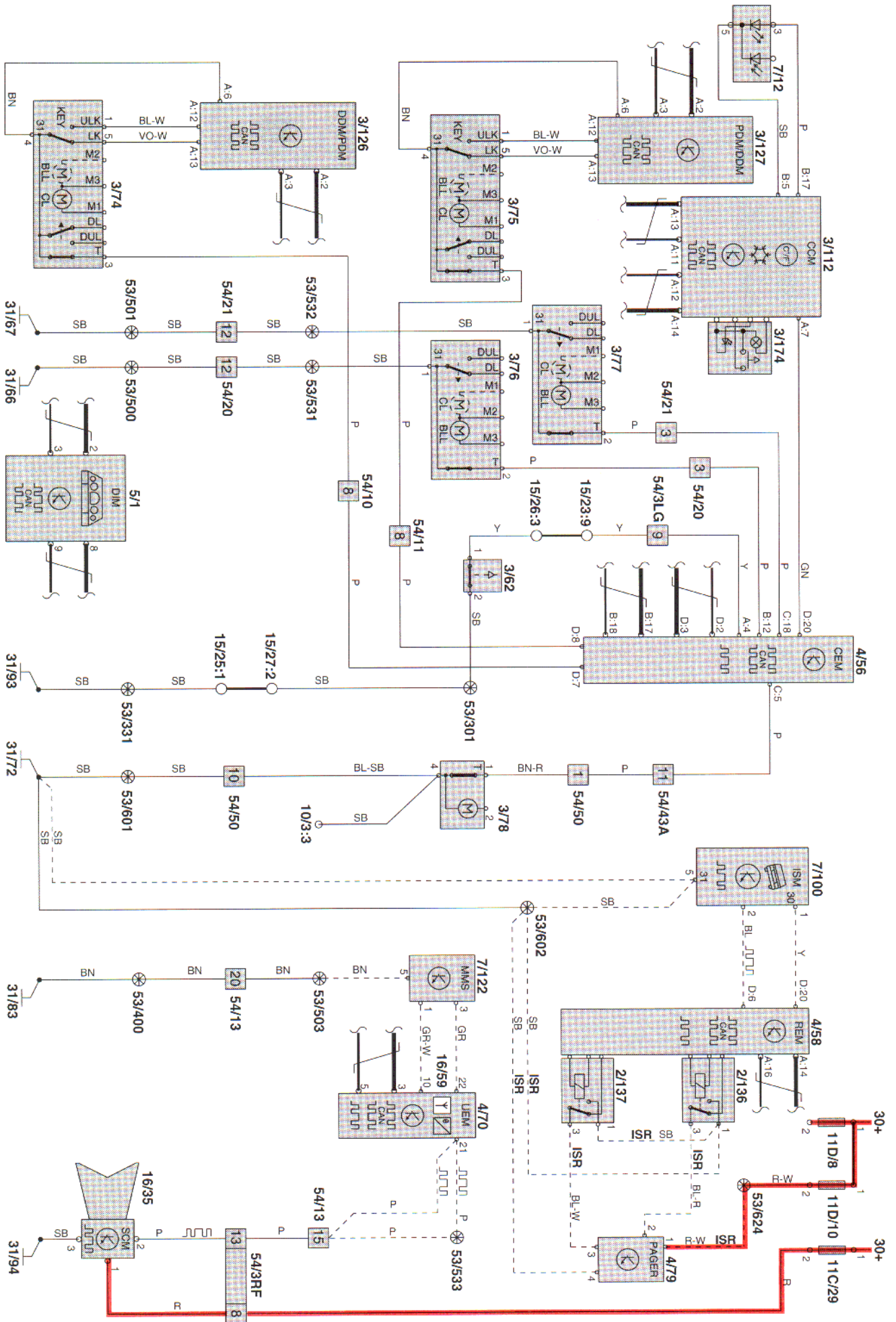
Rear window wiper/washer



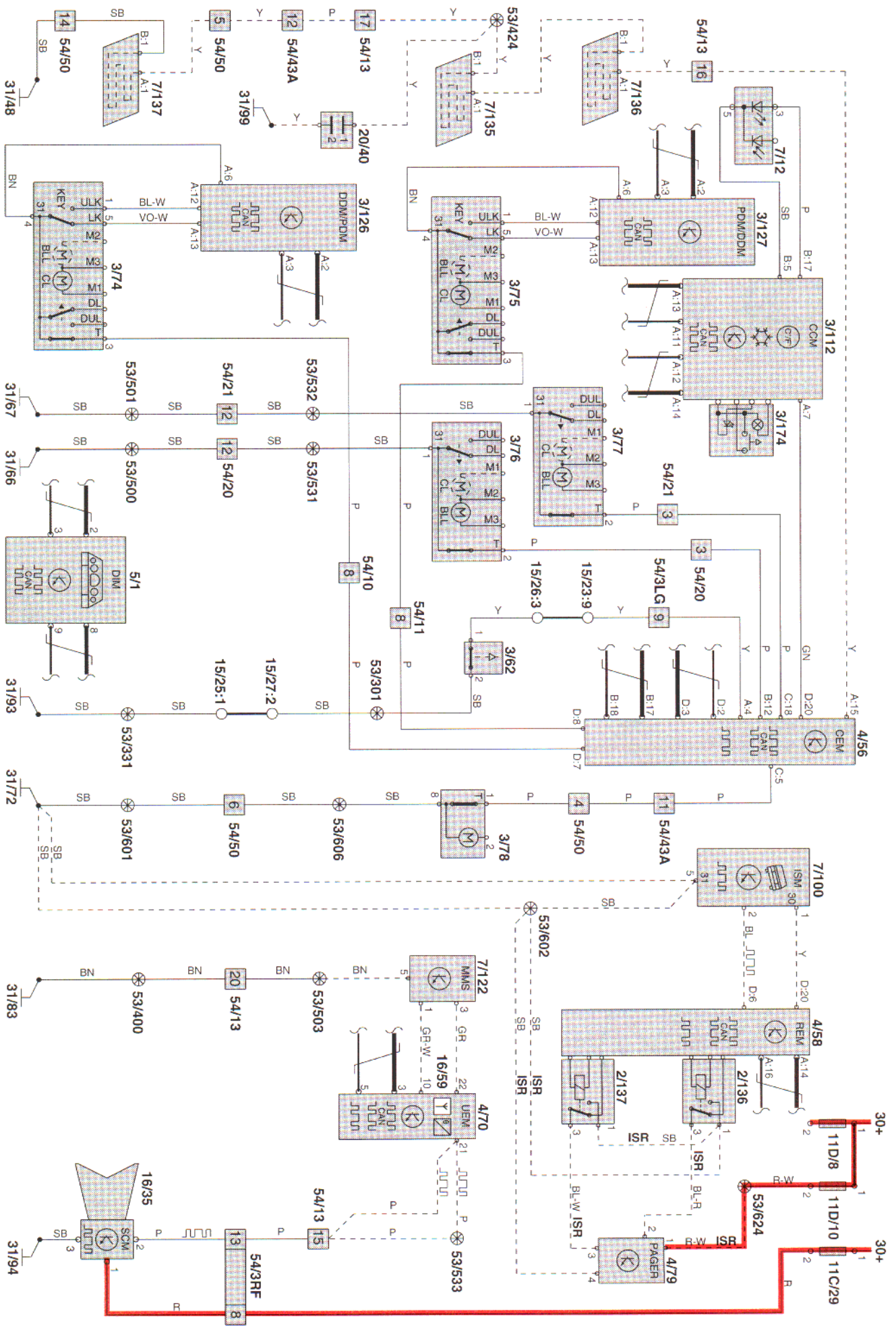
Cigarette lighter



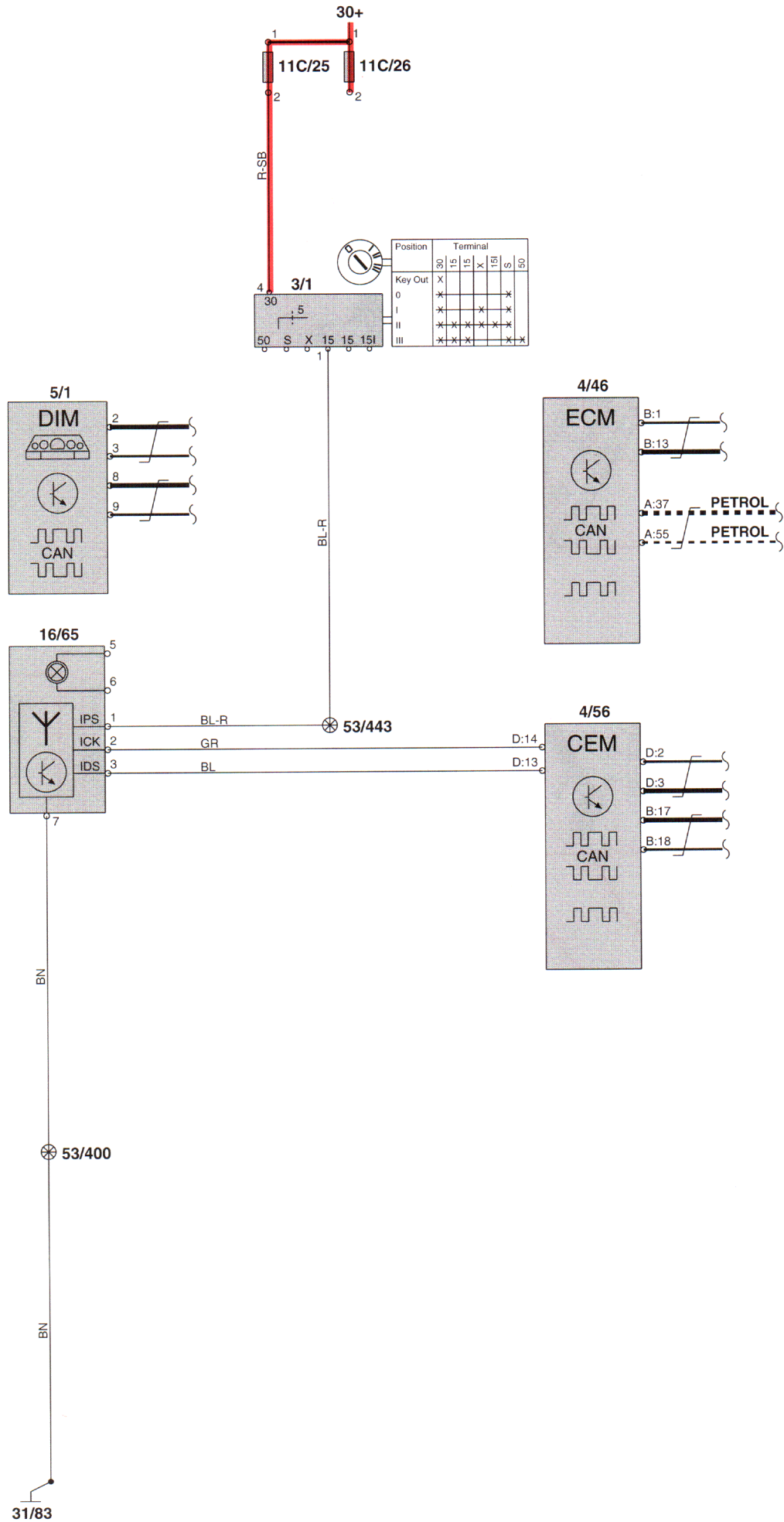
Anti-theft alarm (S80)



Anti-theft alarm (V70)



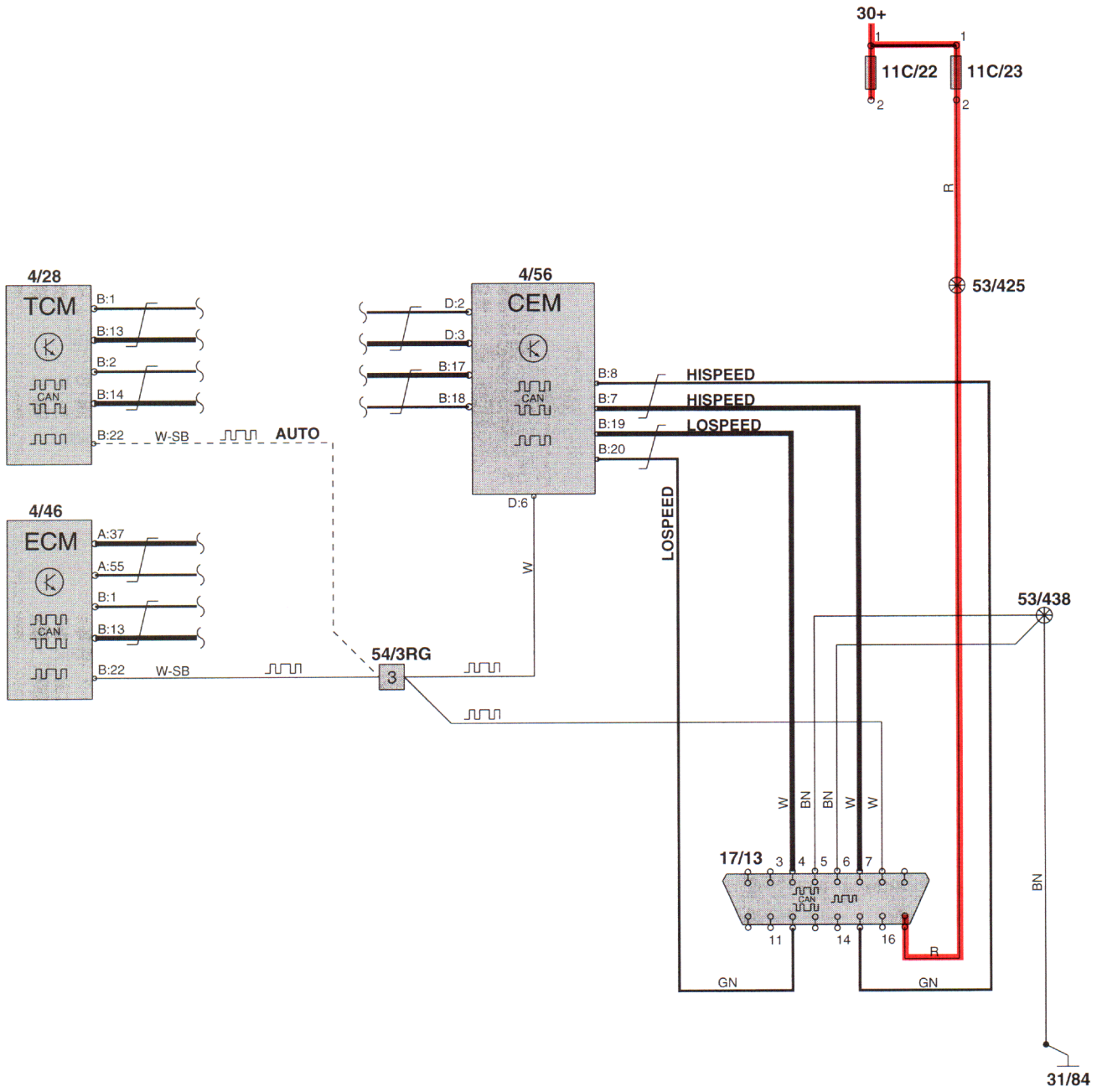
Electronic immobilizer



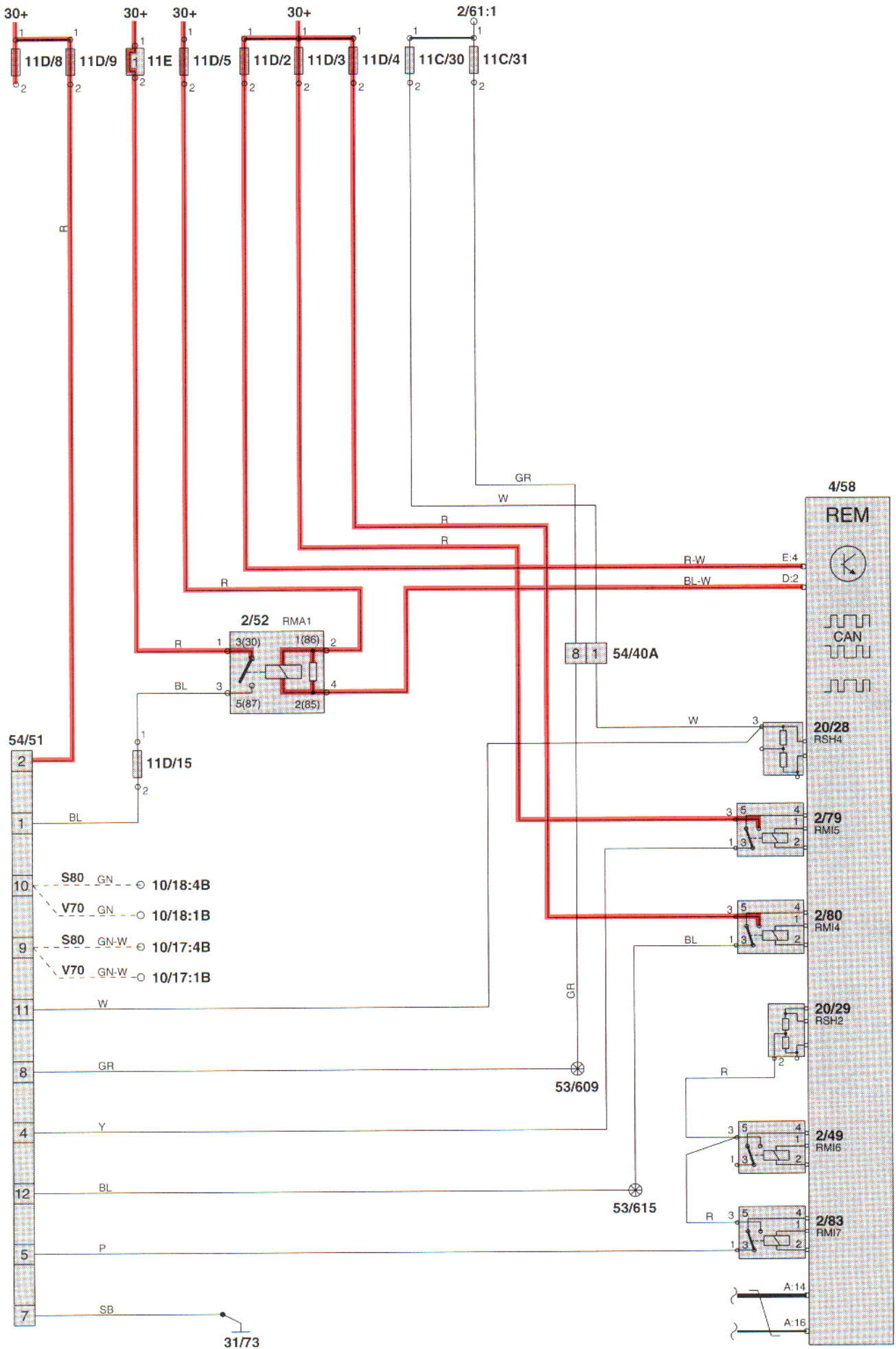
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ABS Brake system and DSTC	216	SRS Supplemental Restraint System	252
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Group 64			
Electronic power steering	218	Component list (foldout)	at the end of the manual

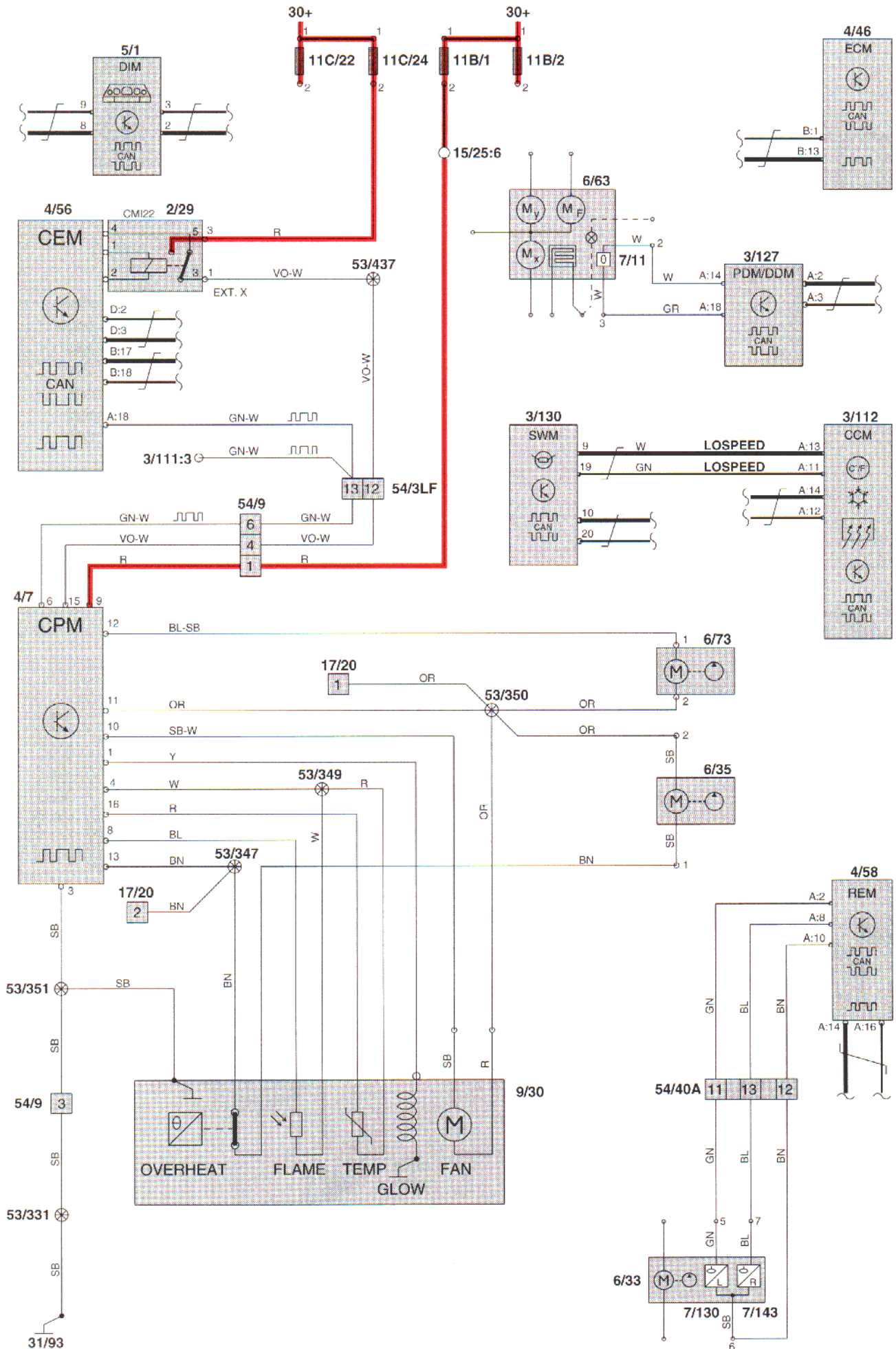
Diagnostics



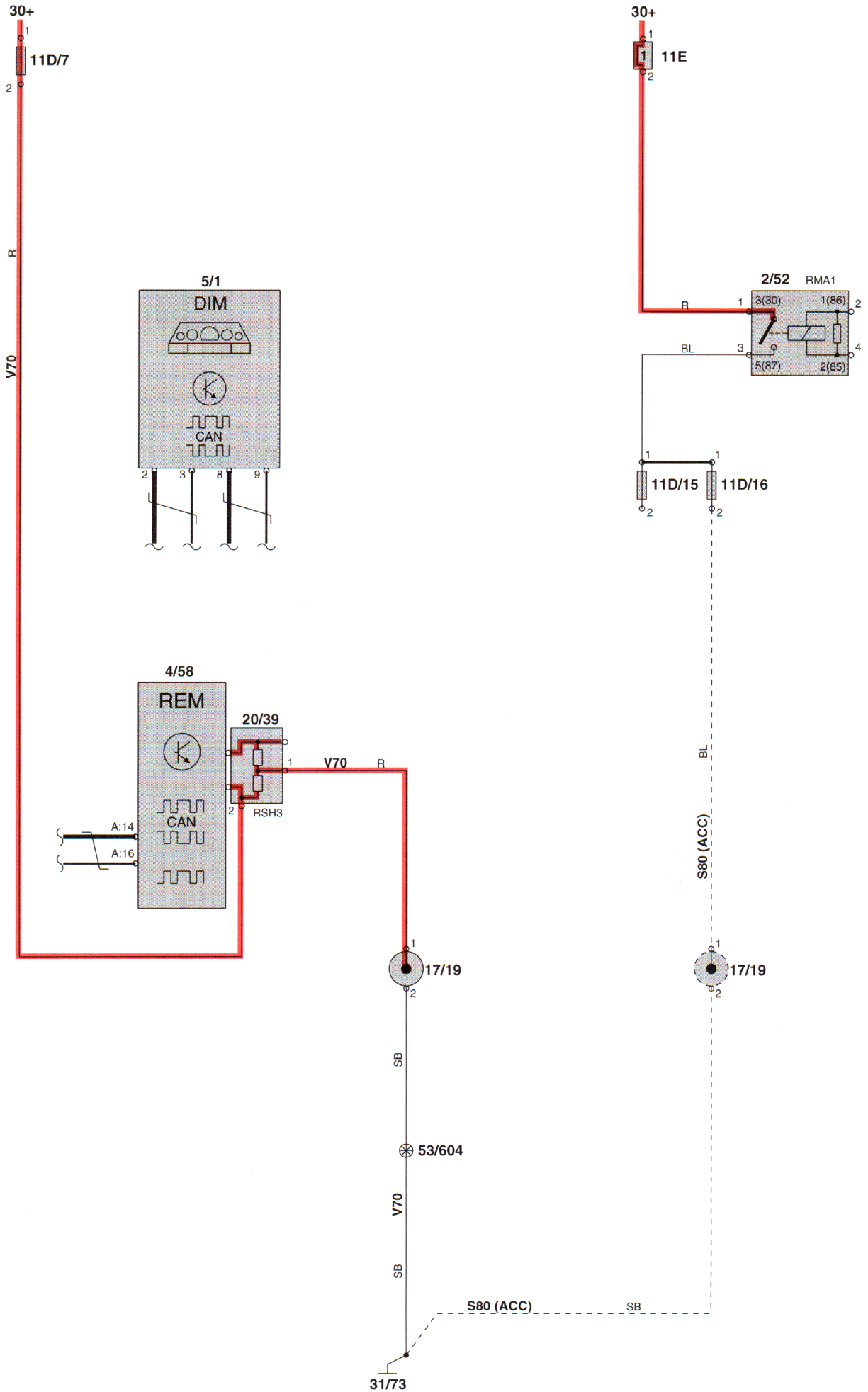
Towing bracket wiring



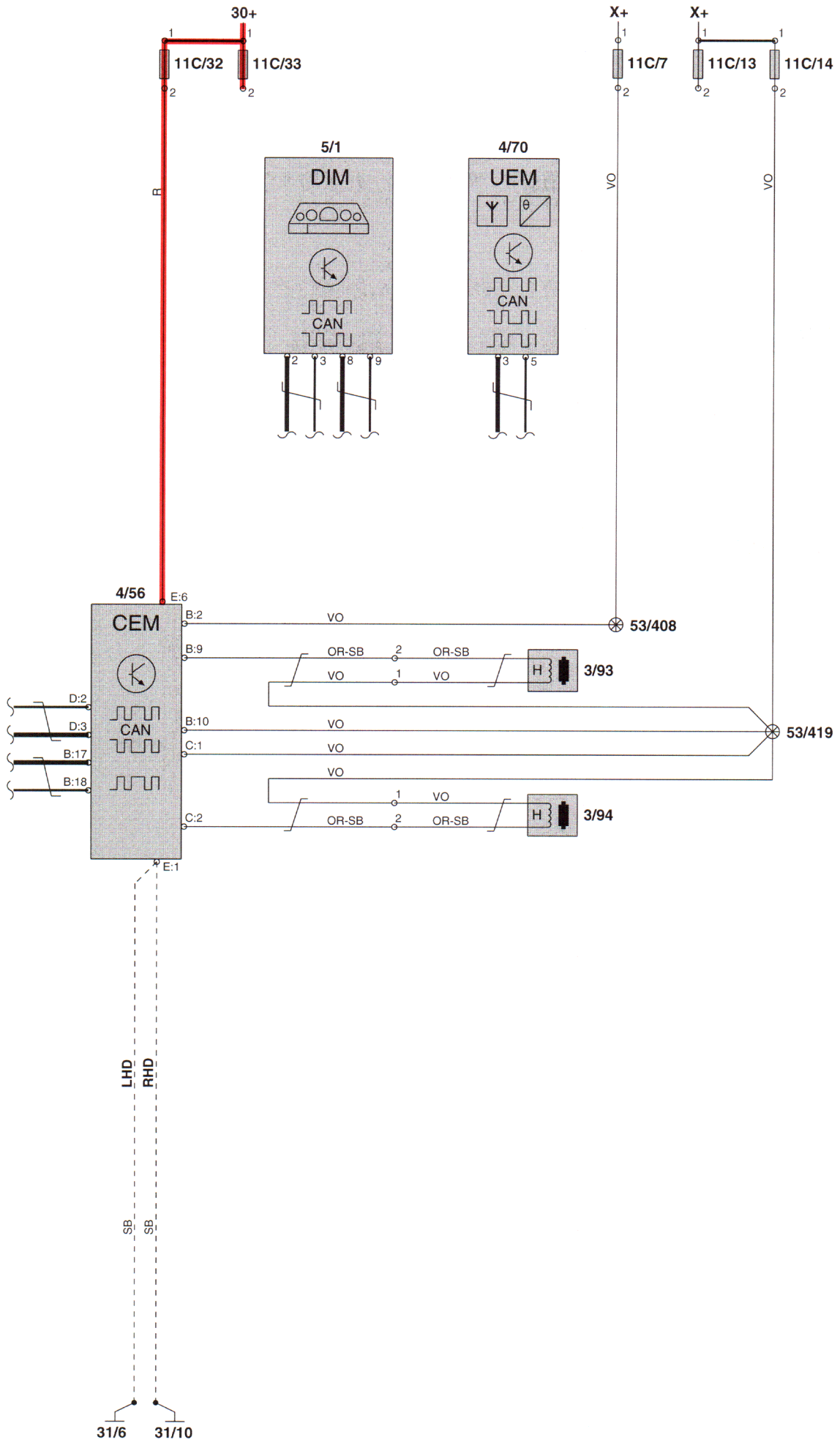
Auxiliary heater



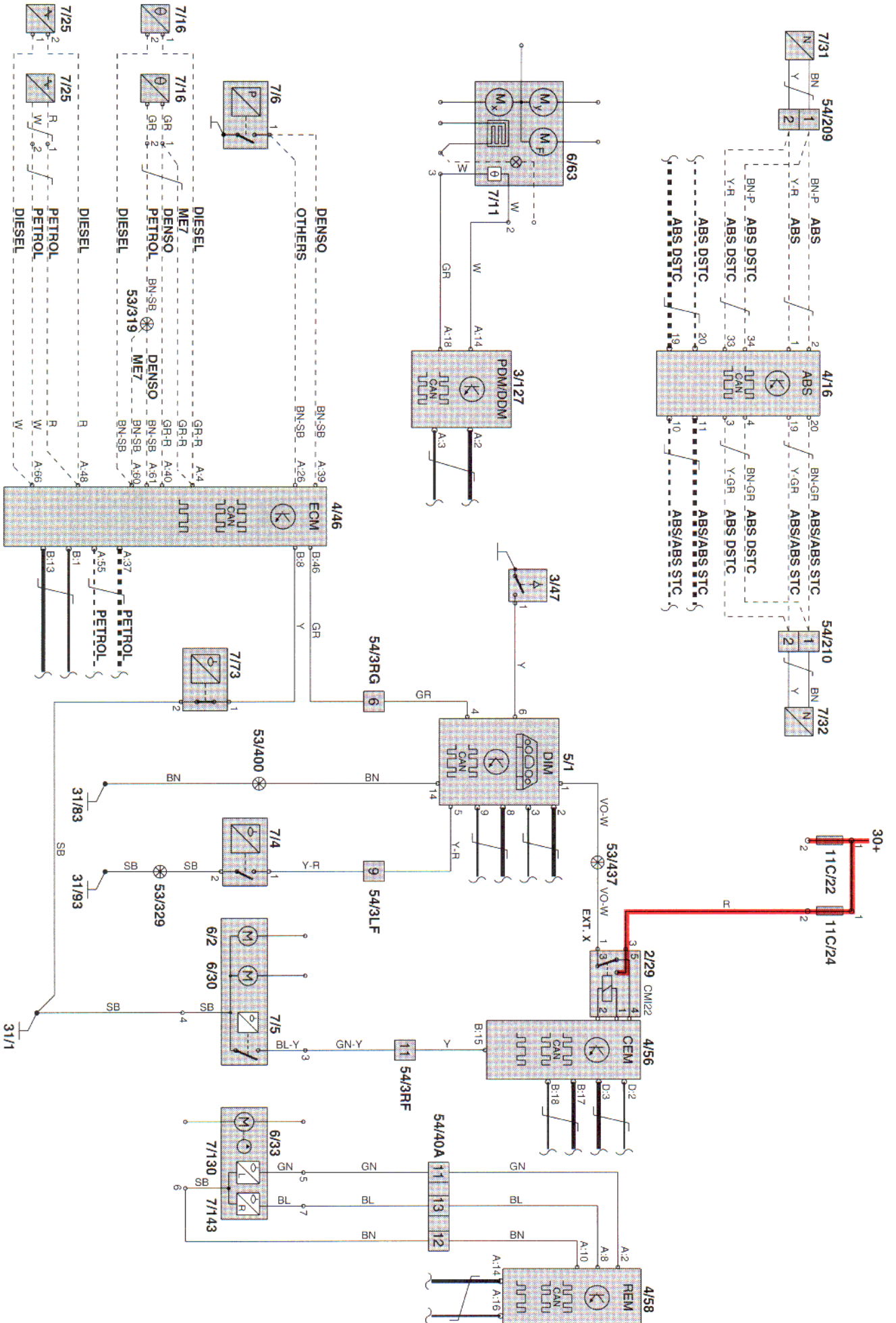
Cargo compartment outlet



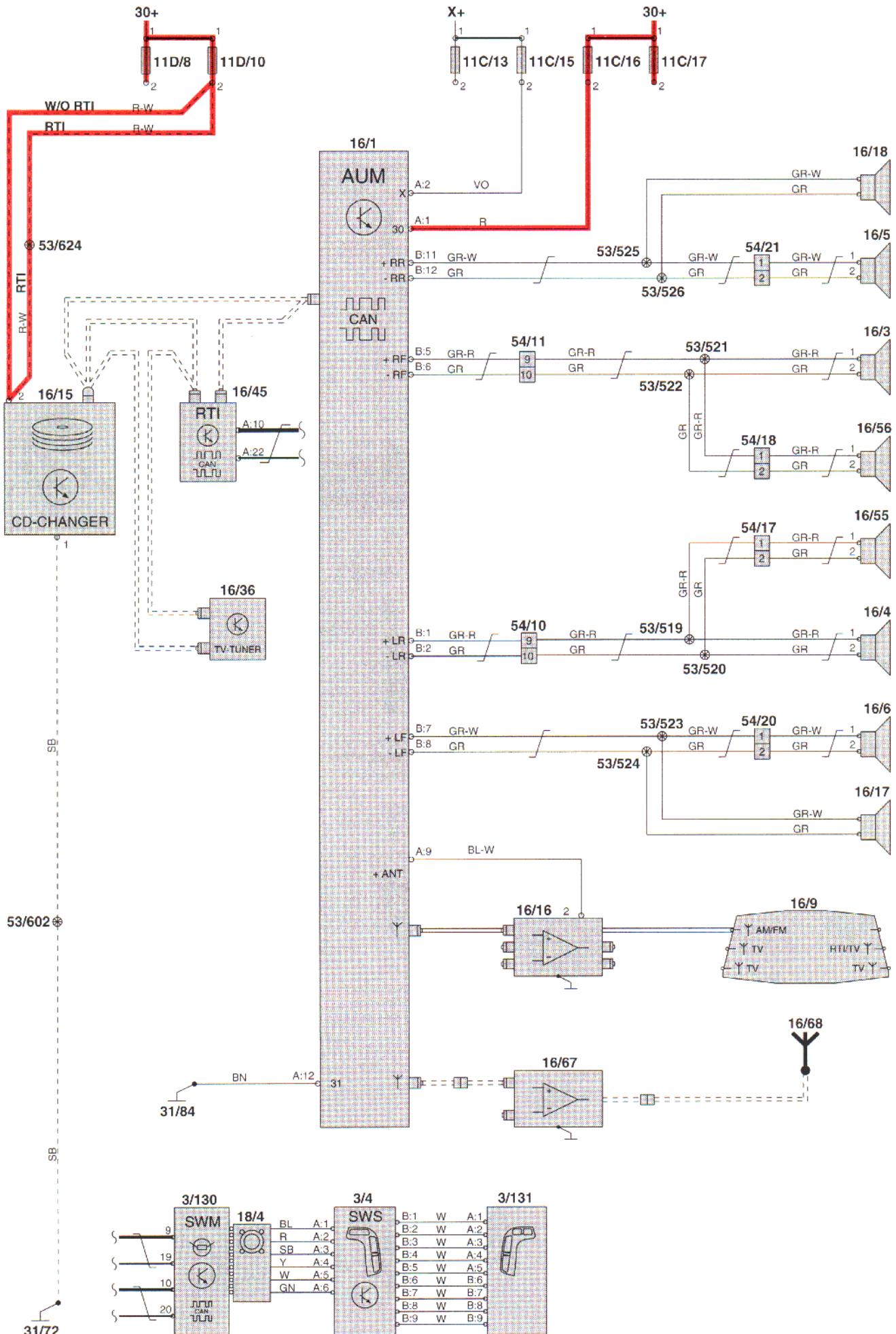
Seat belt reminder



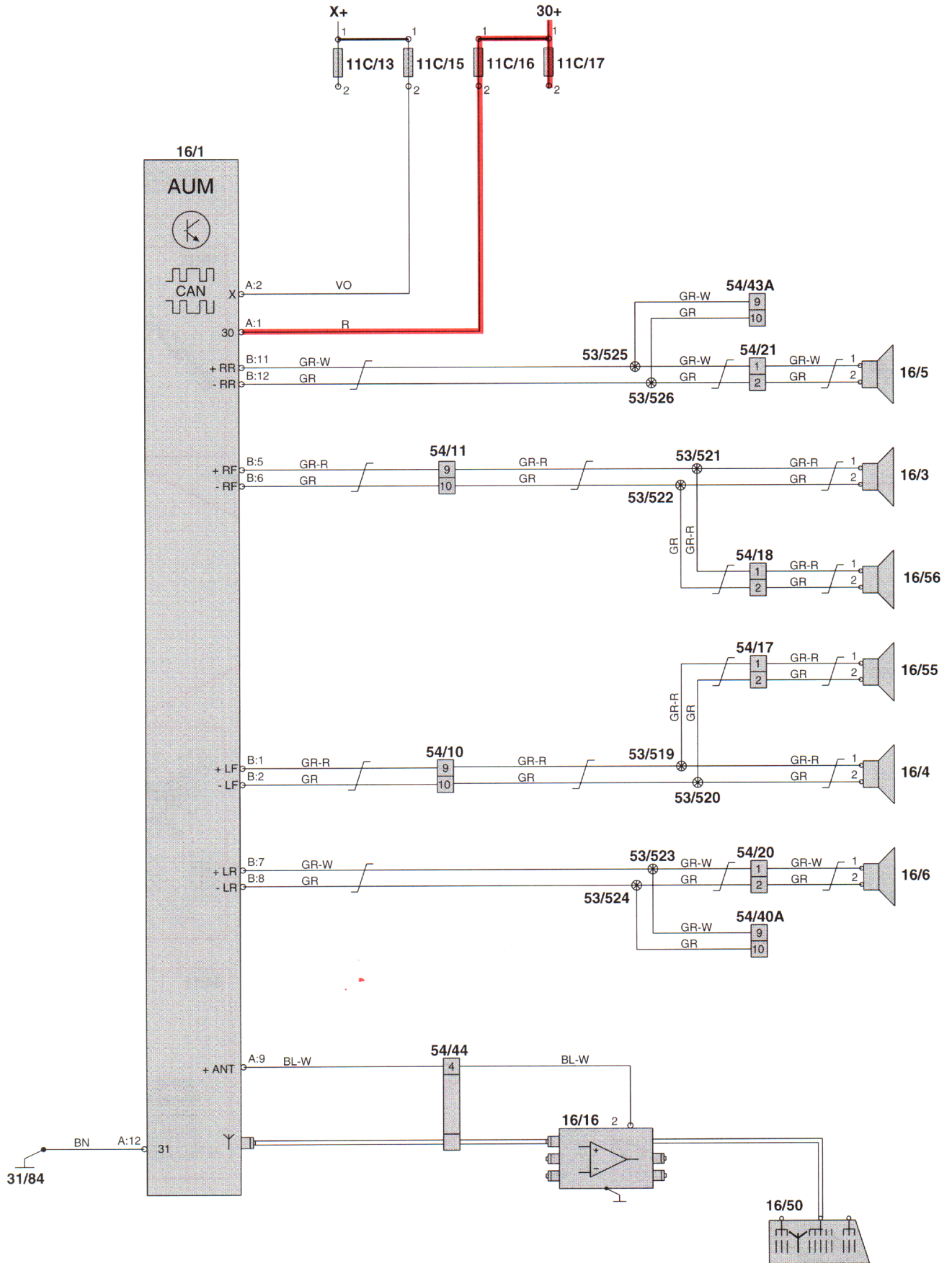
Driver information module



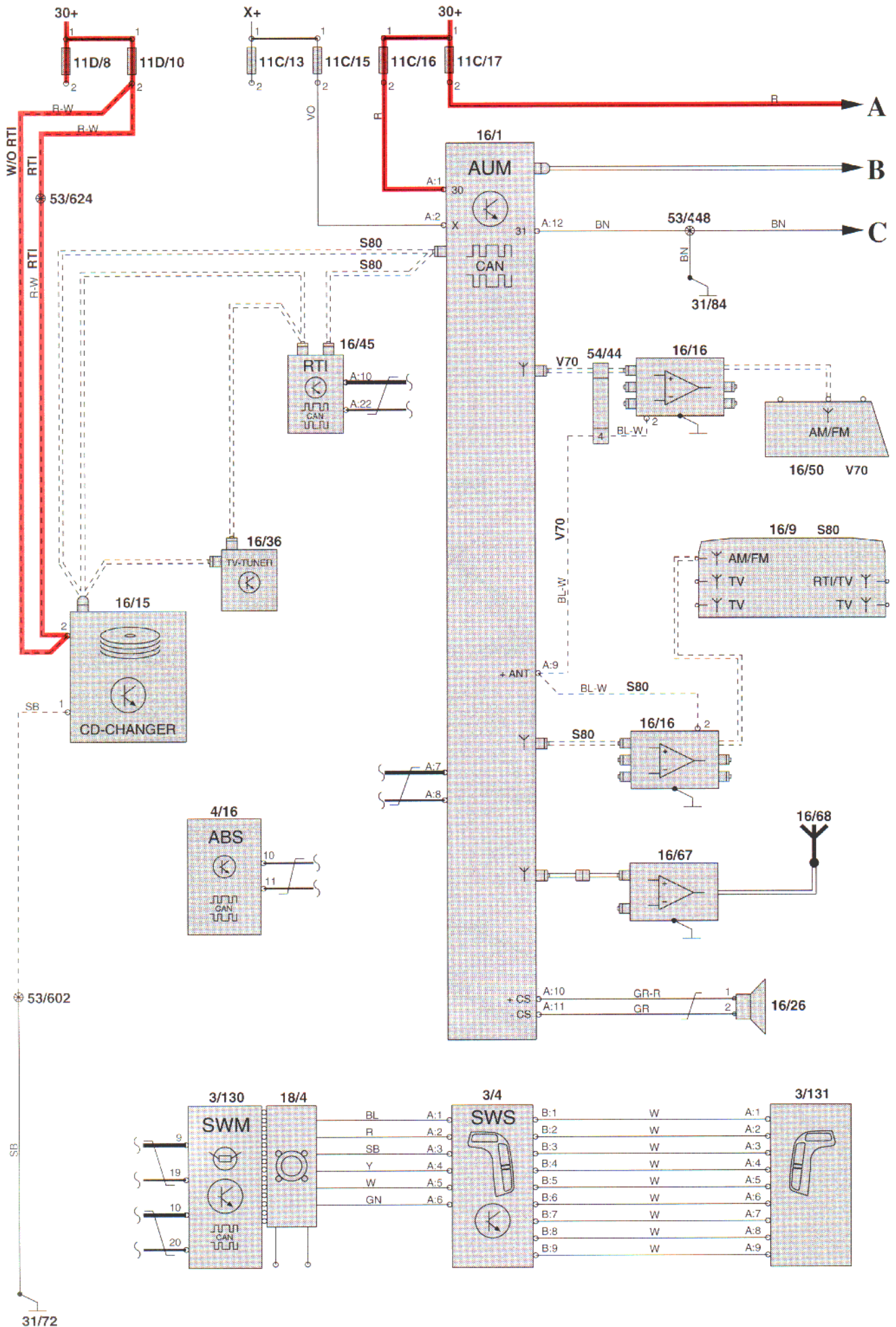
Radio without extra amplifier (S80)



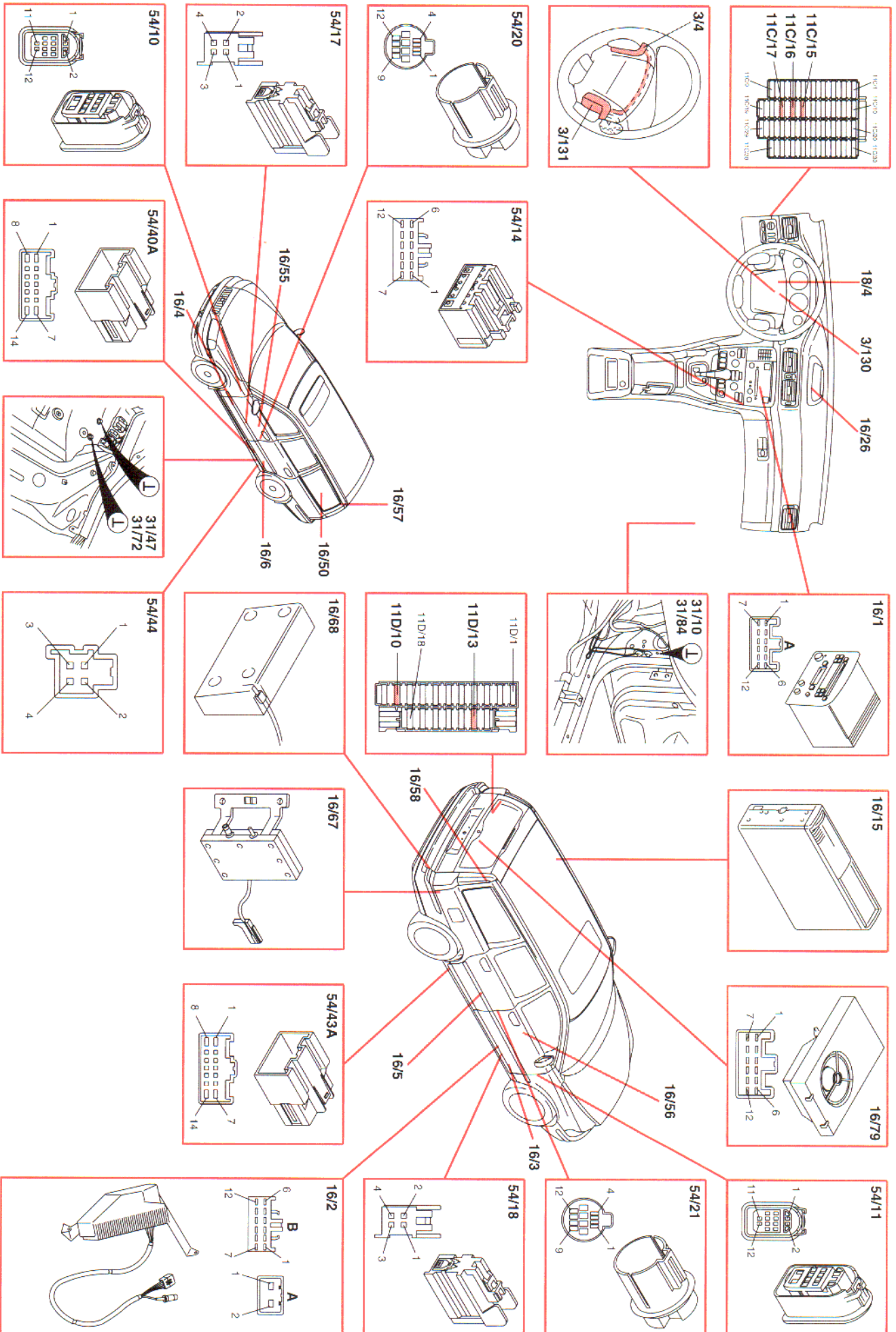
Radio without extra amplifier (V70)



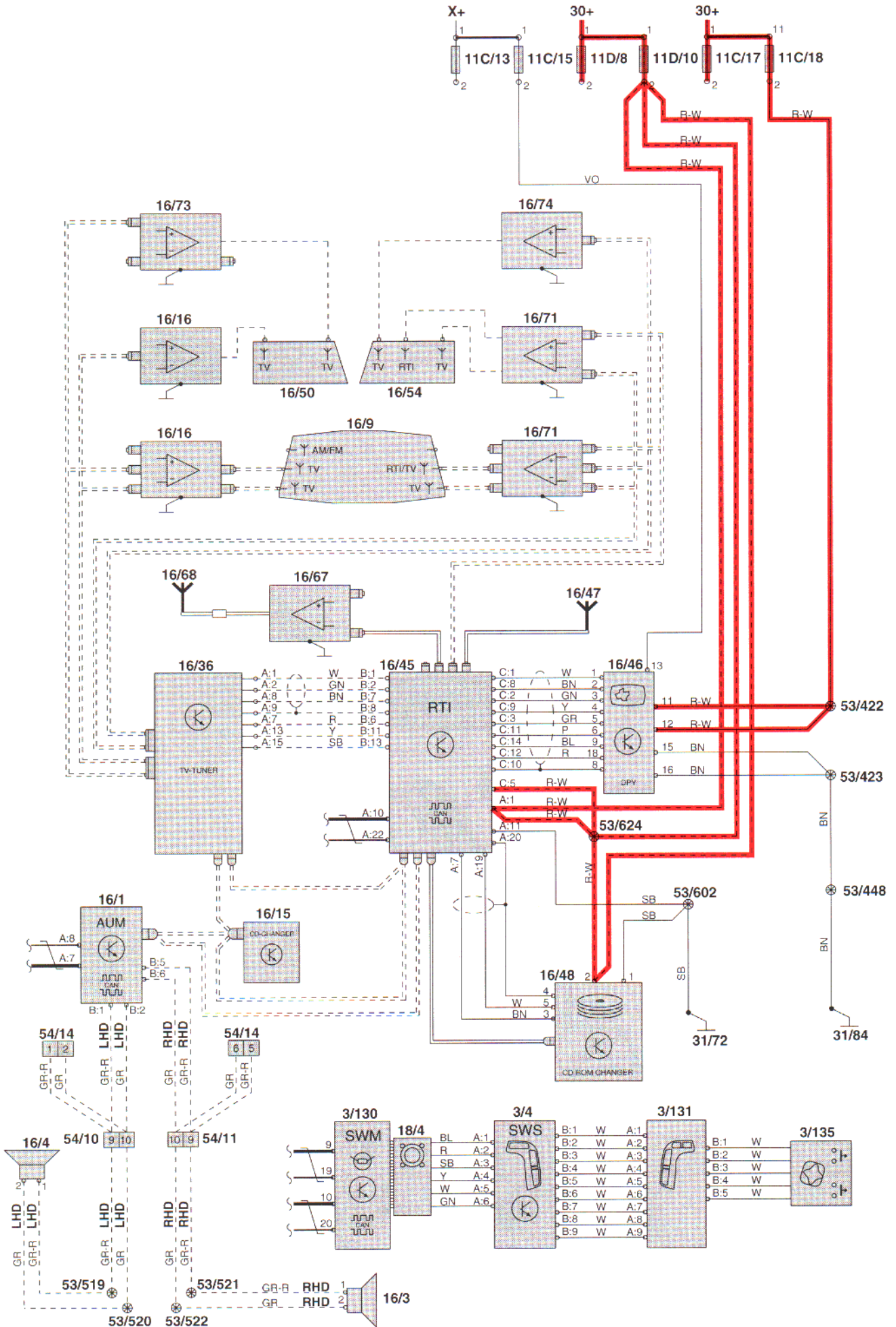
Radio with extra amplifier



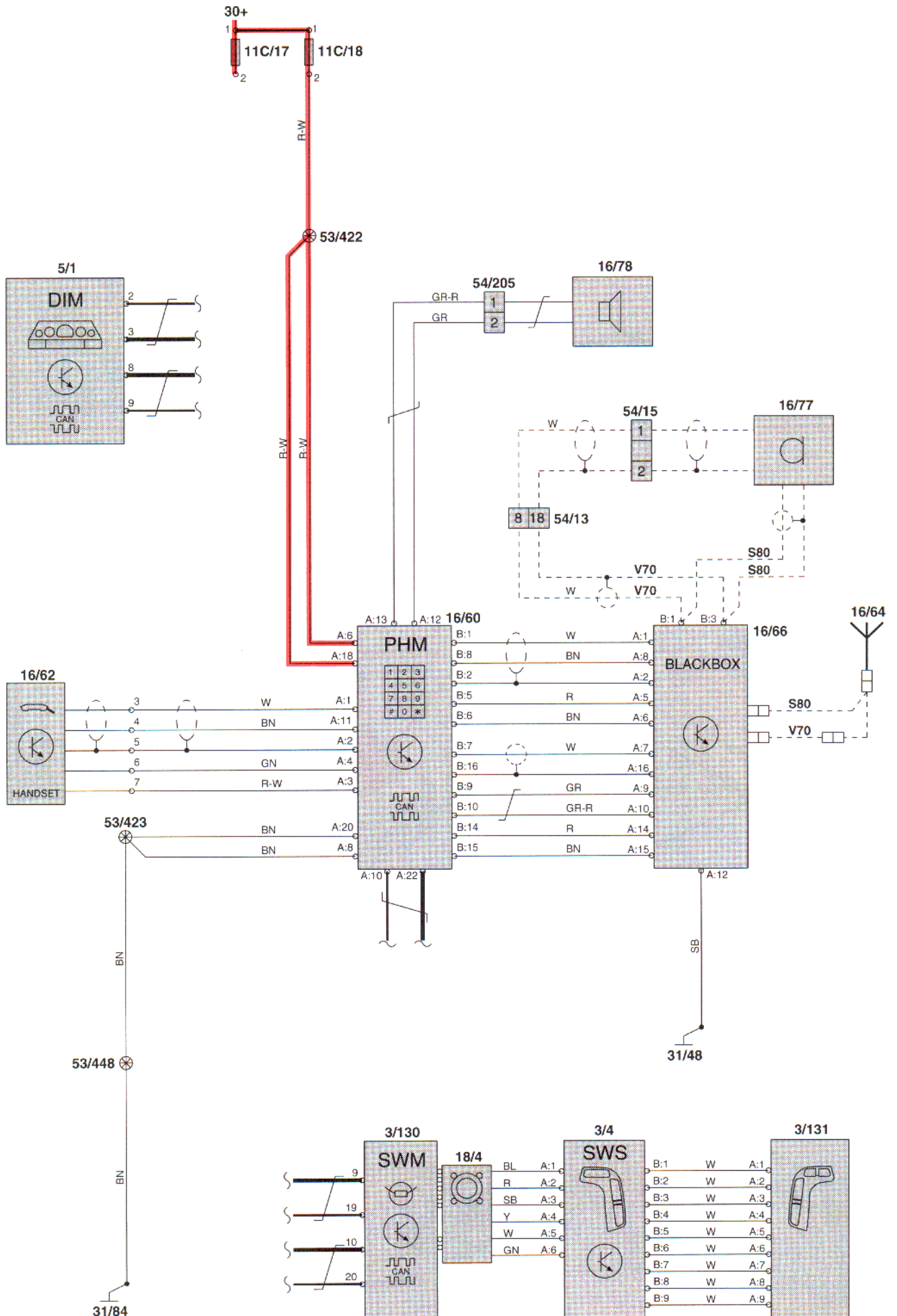
Radio with extra amplifier (V70)



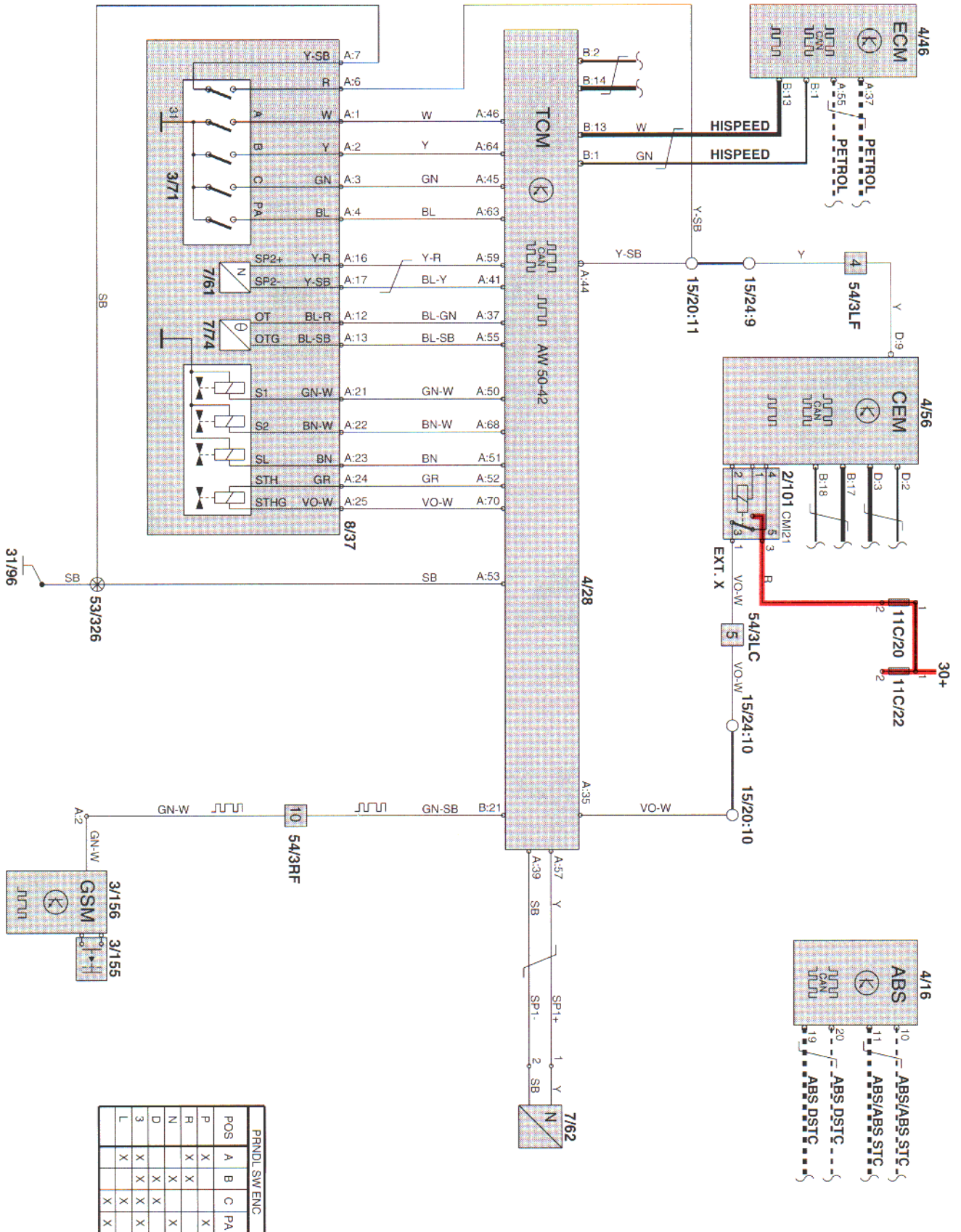
RTI Road Traffic Information



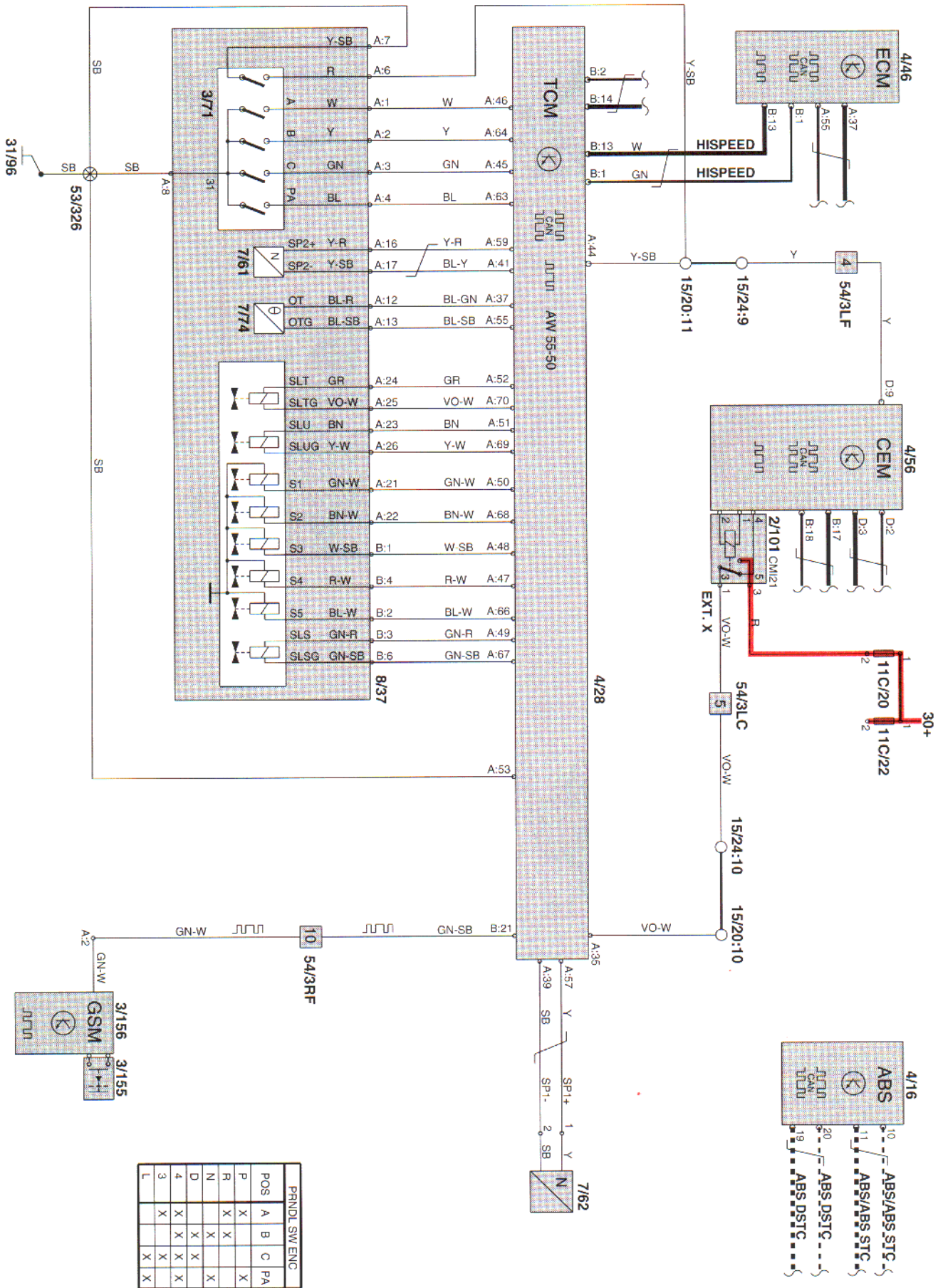
Mobile telephone



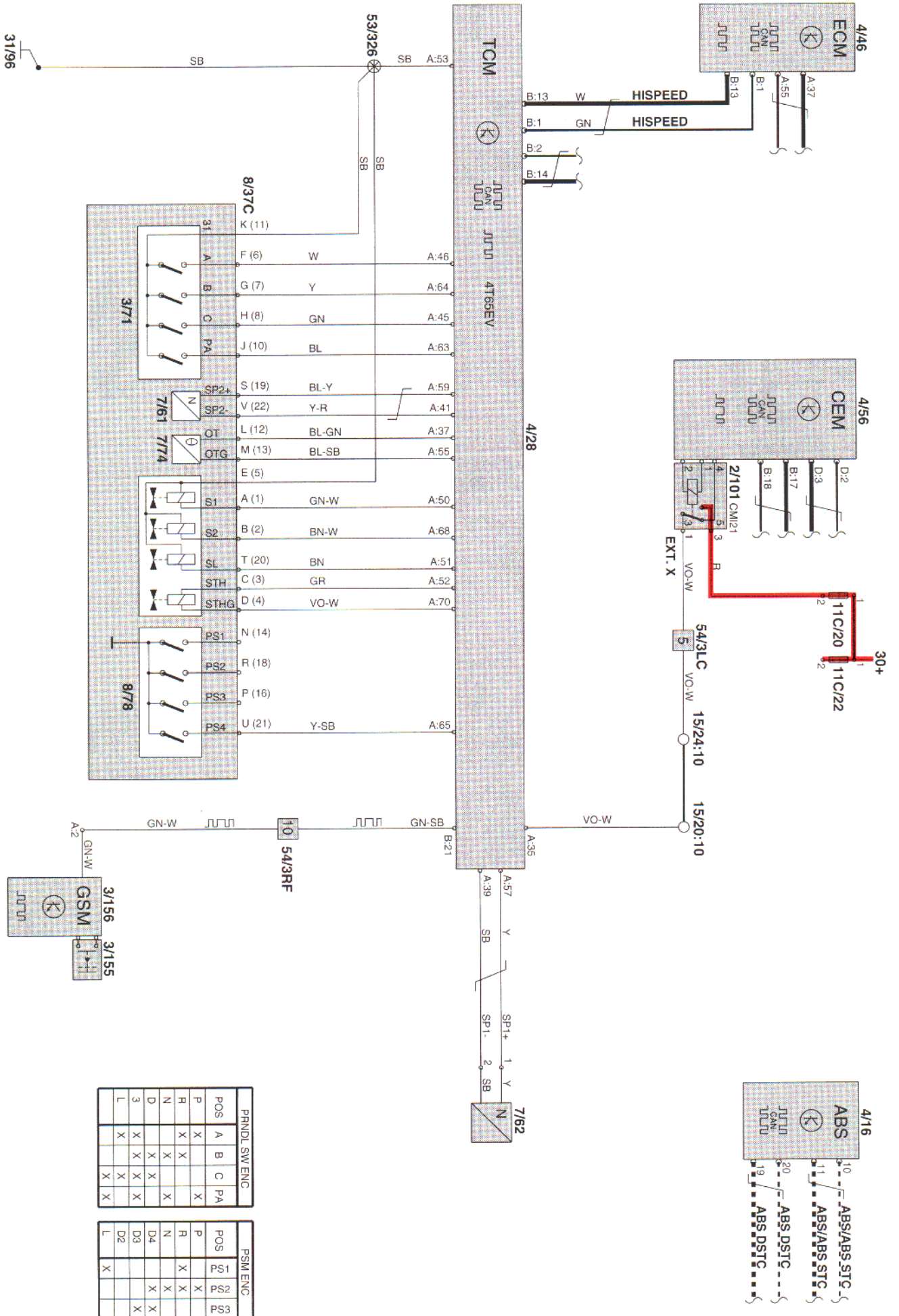
Automatic transmission AW 50-42

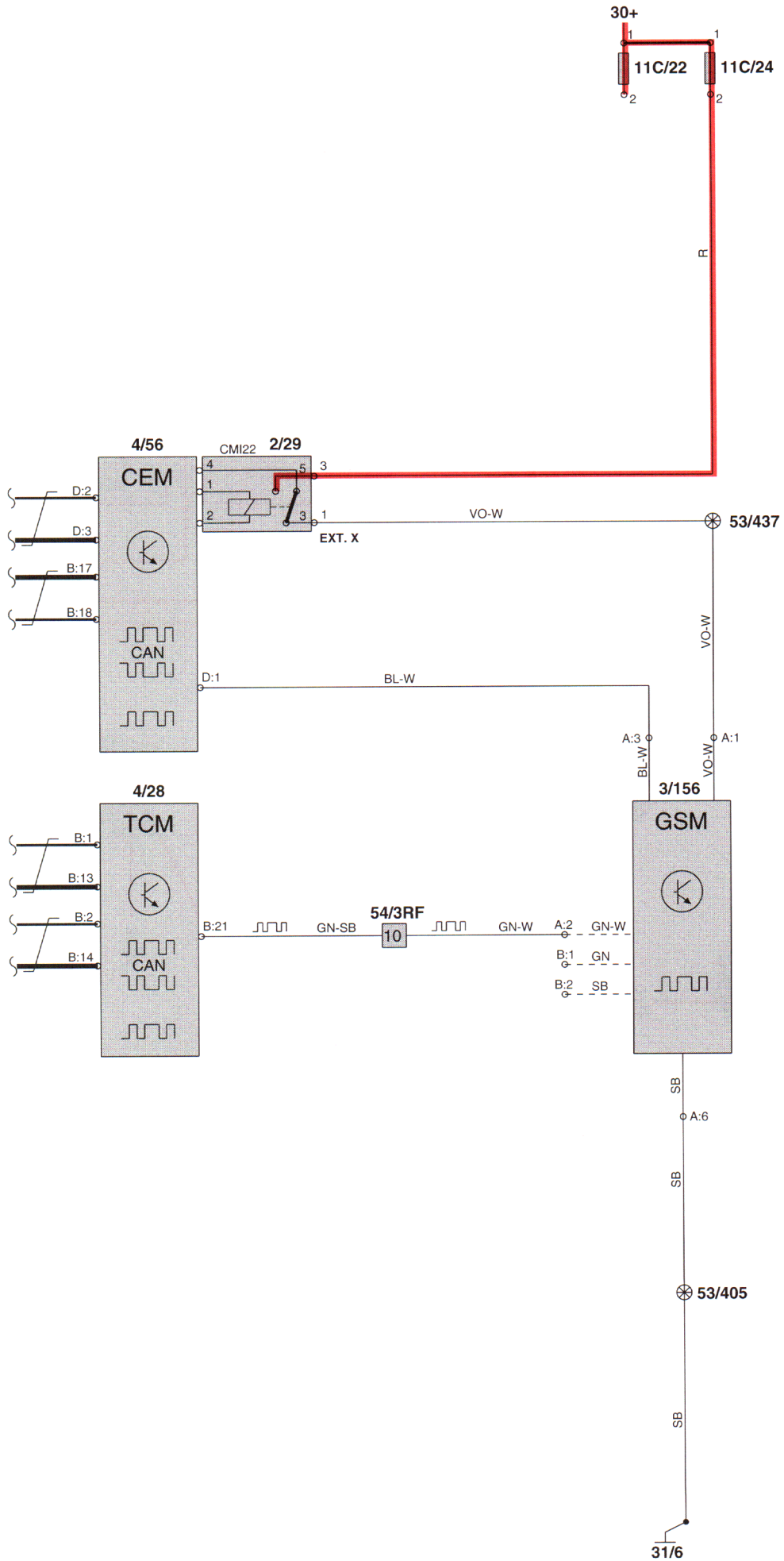


Automatic transmission AW 55-50

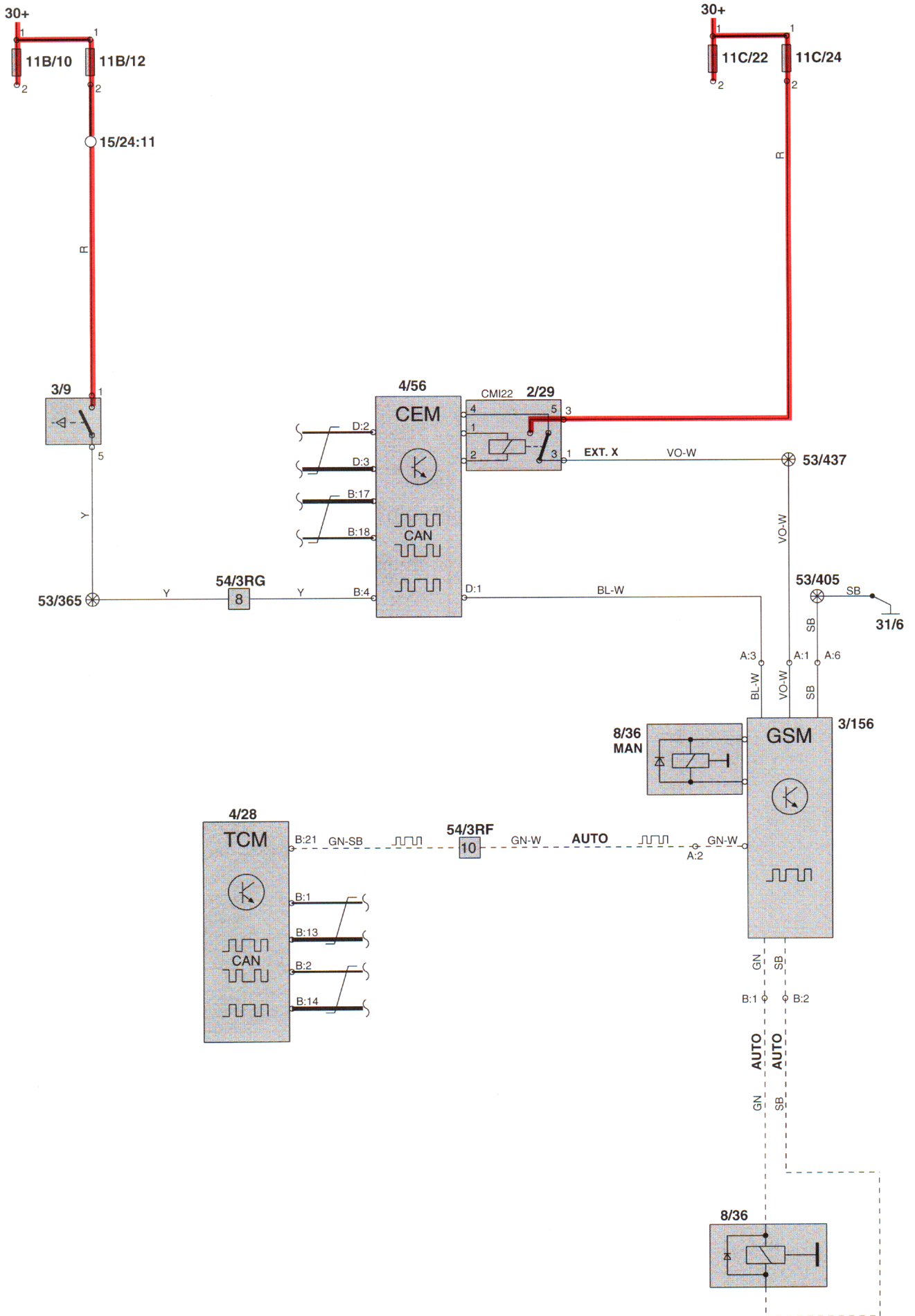


Automatic transmission 4T65EV

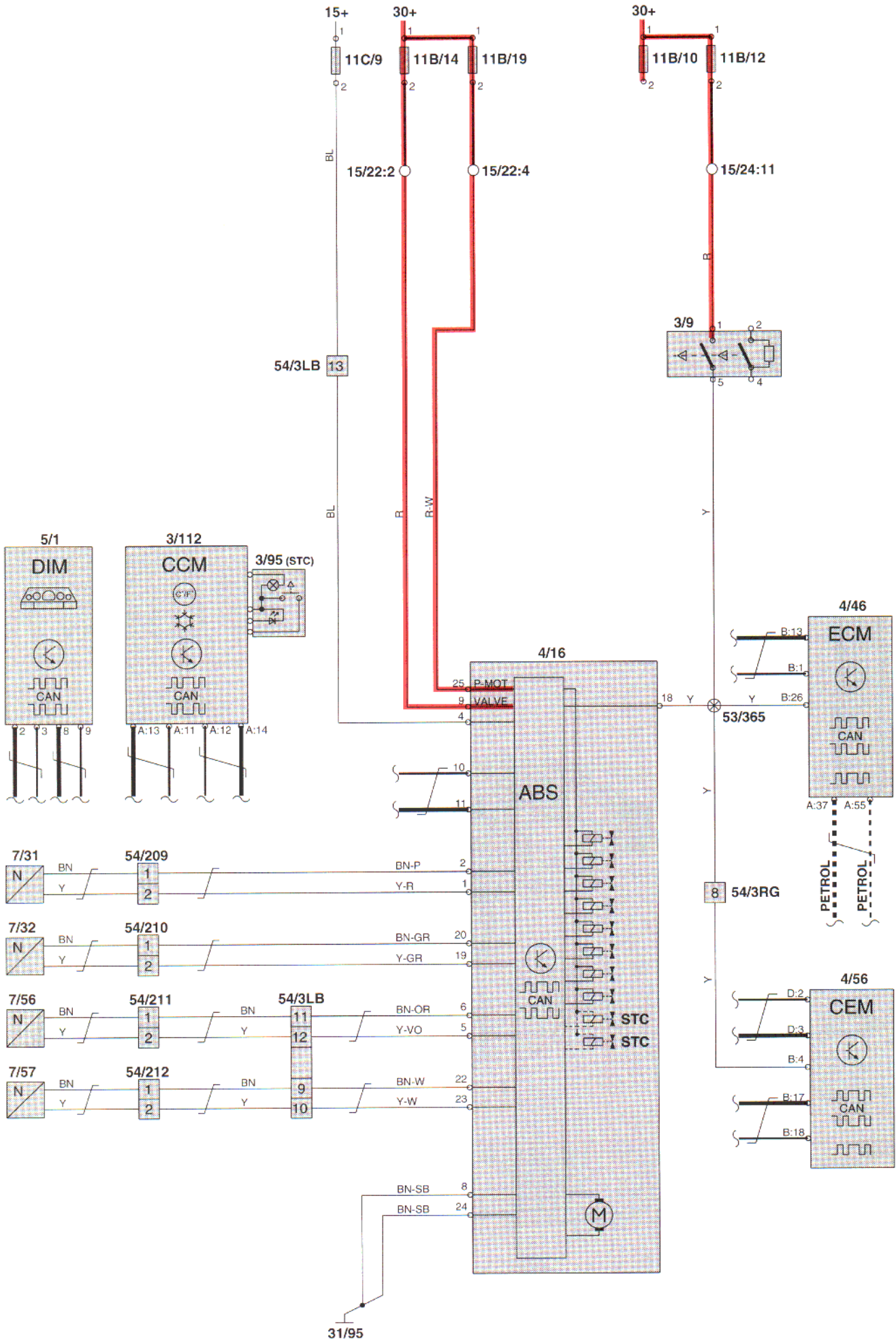




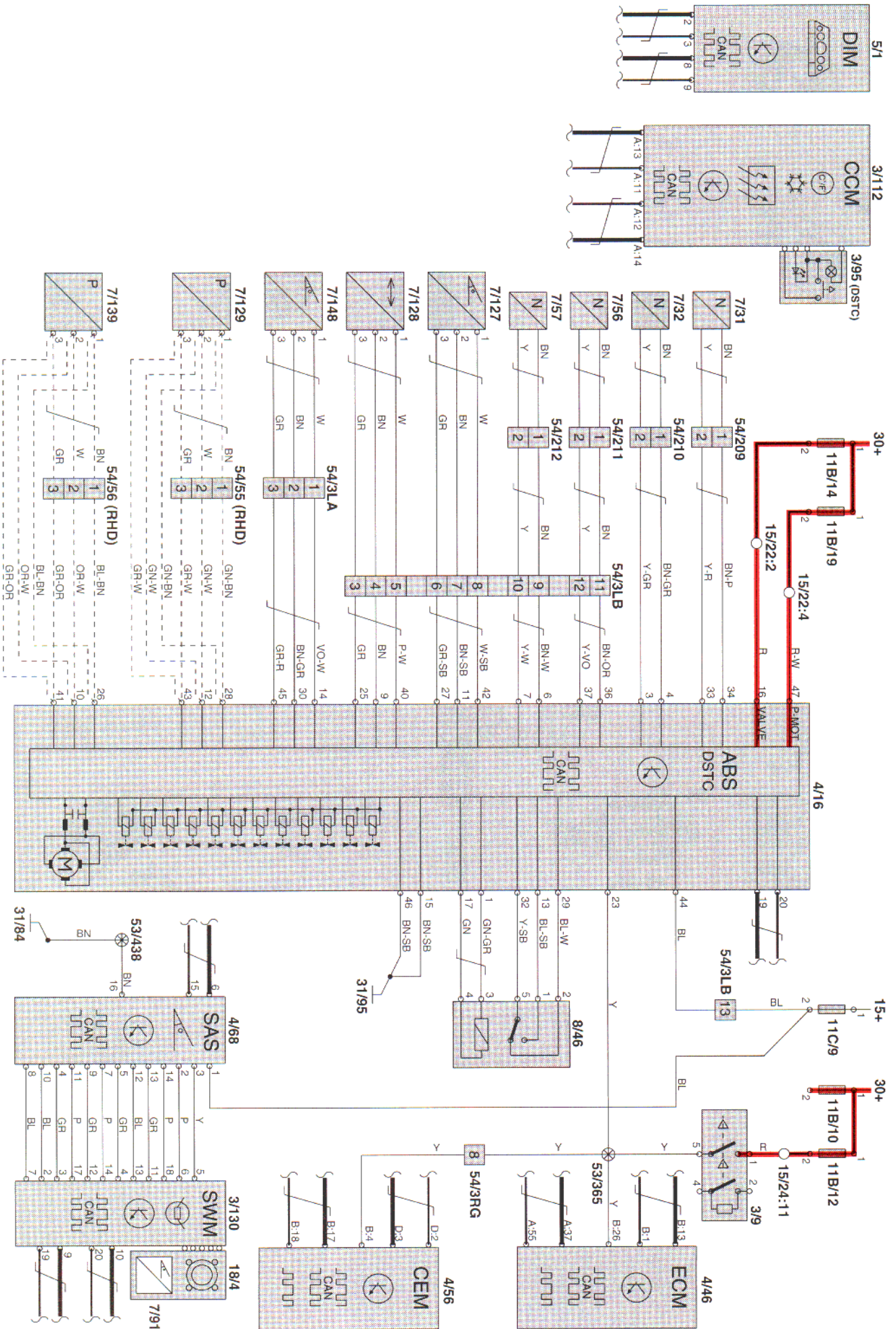
Shift lock



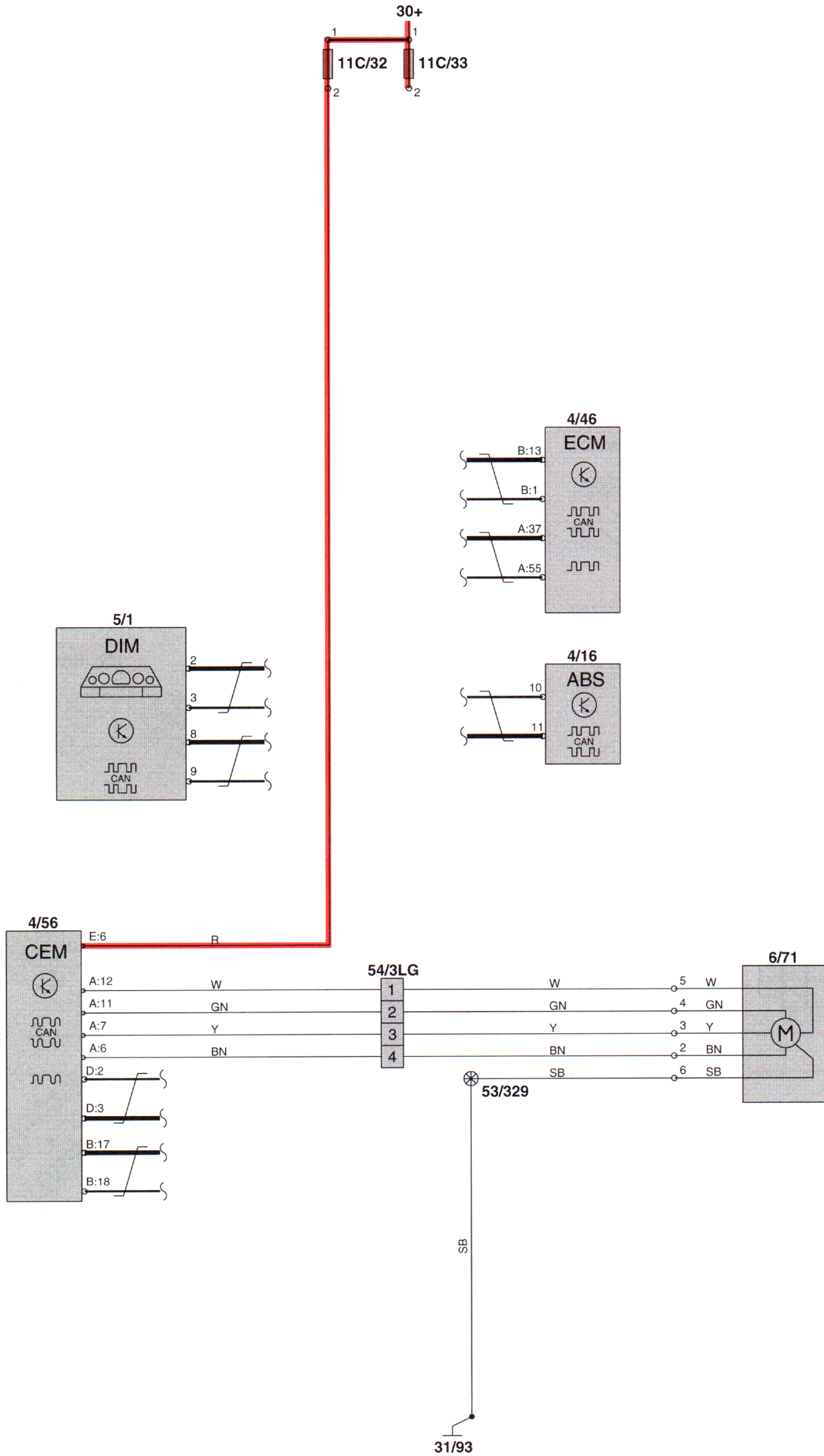
ABS Brake system and STC



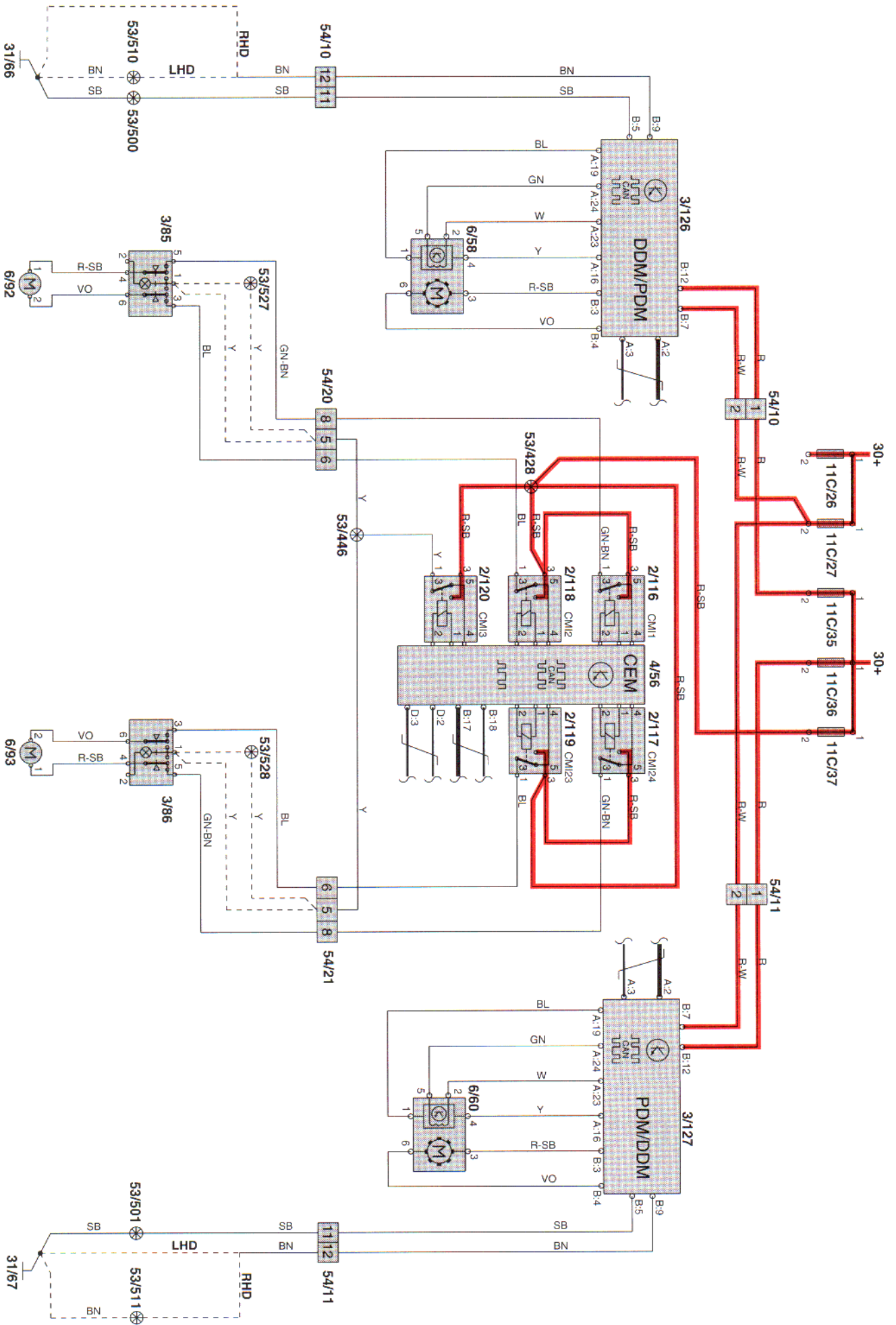
ABS Brake system and DSTC



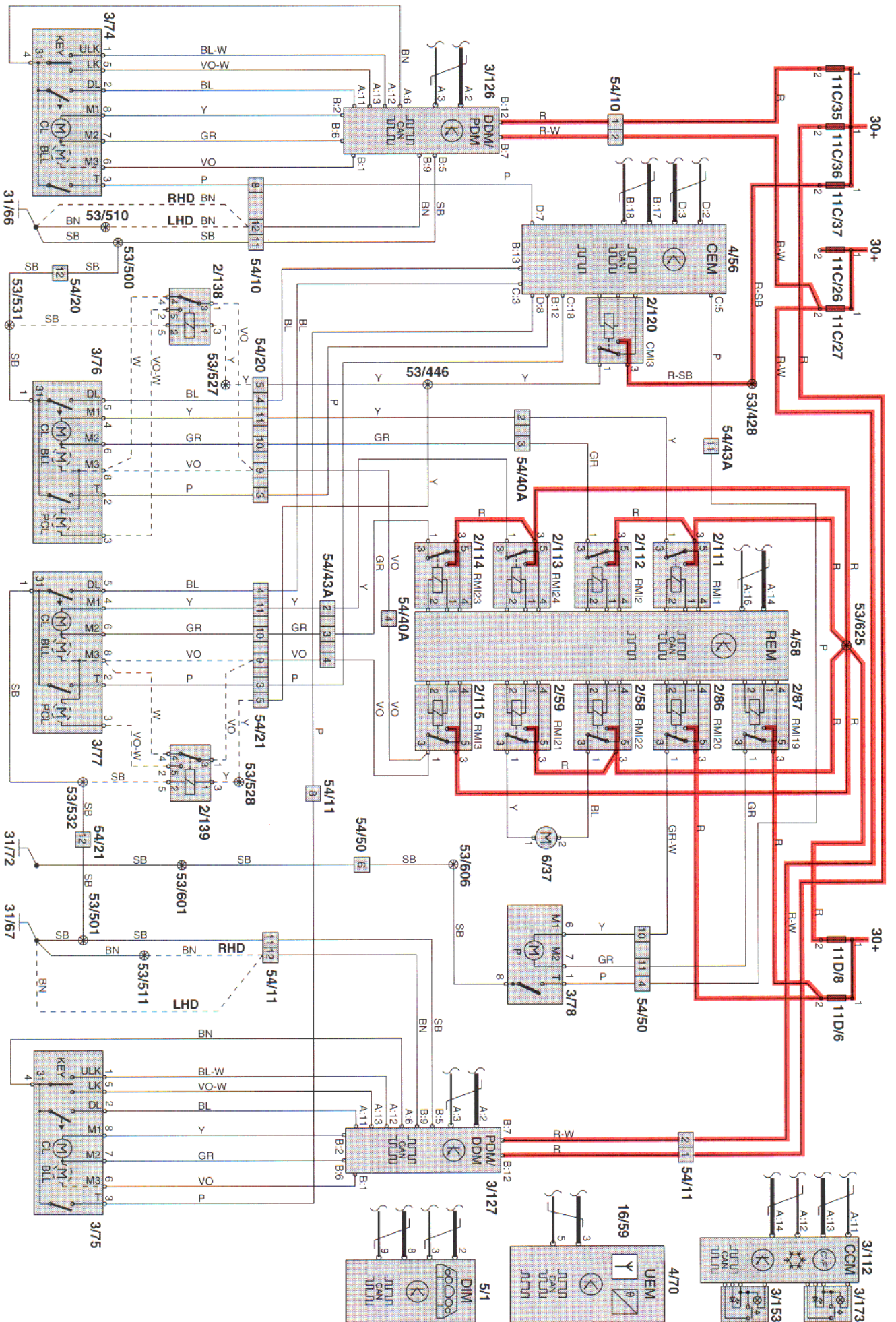
Electronic power steering



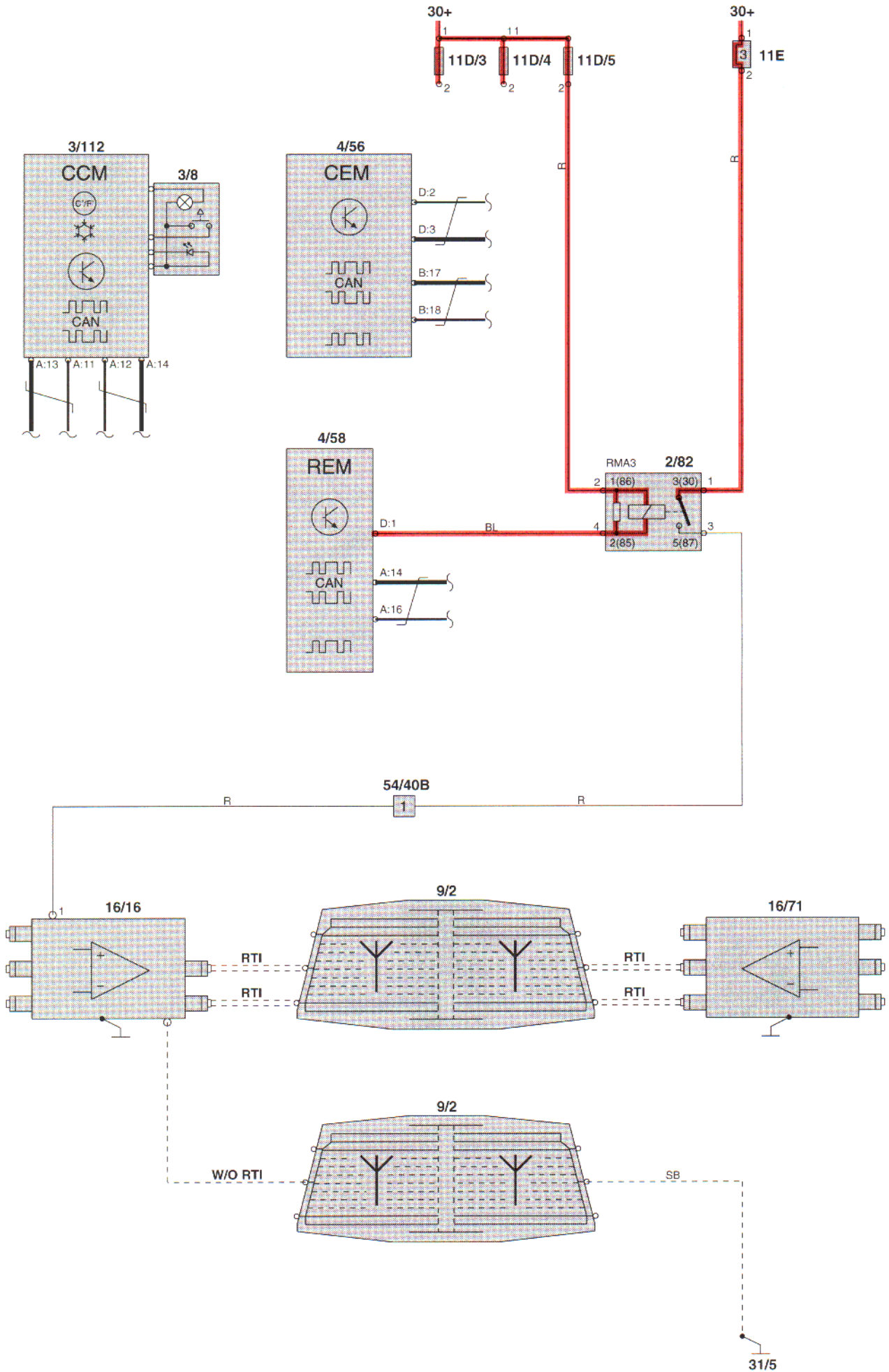
Power windows (V70)



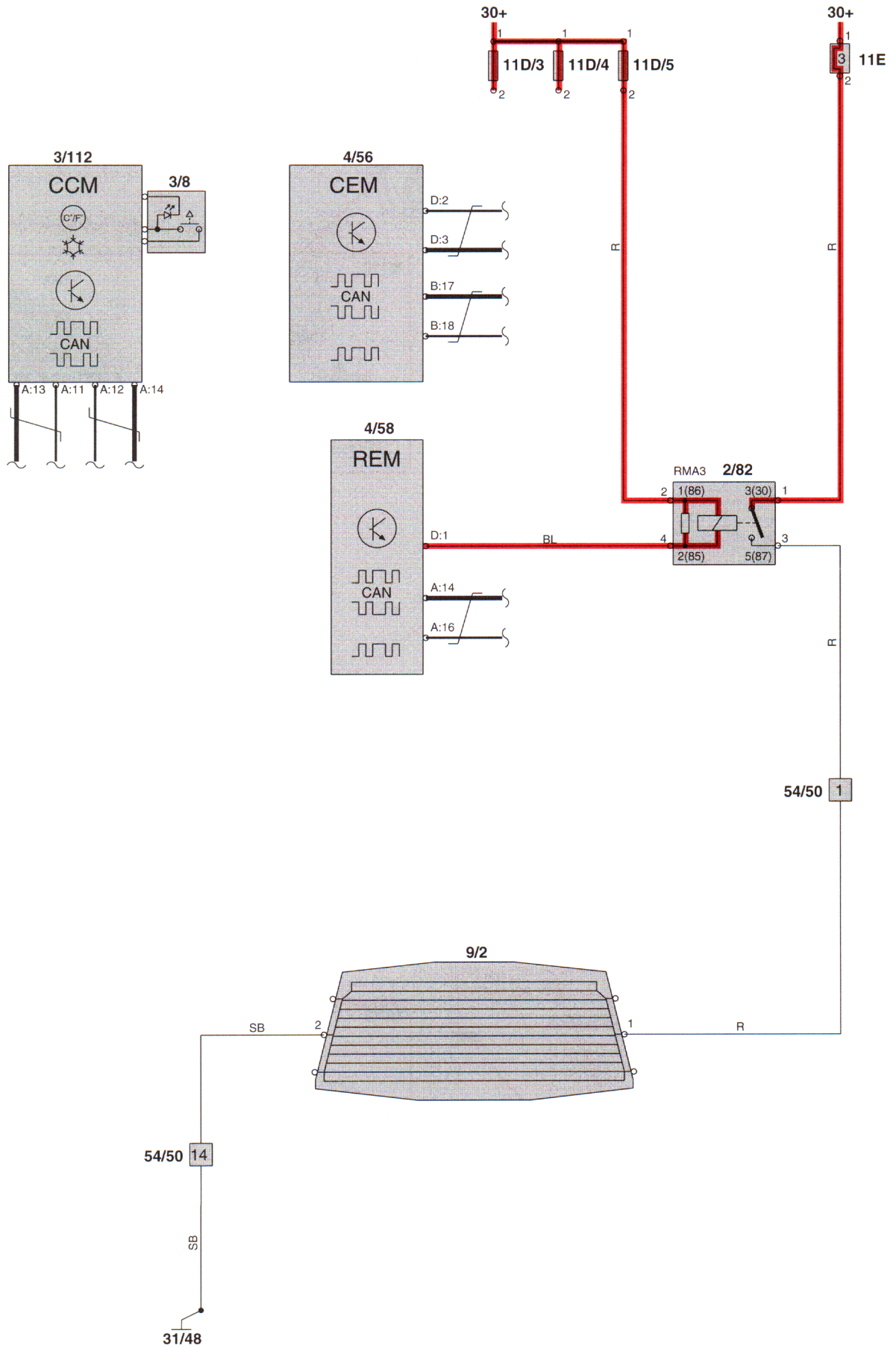
Central lock (V70)



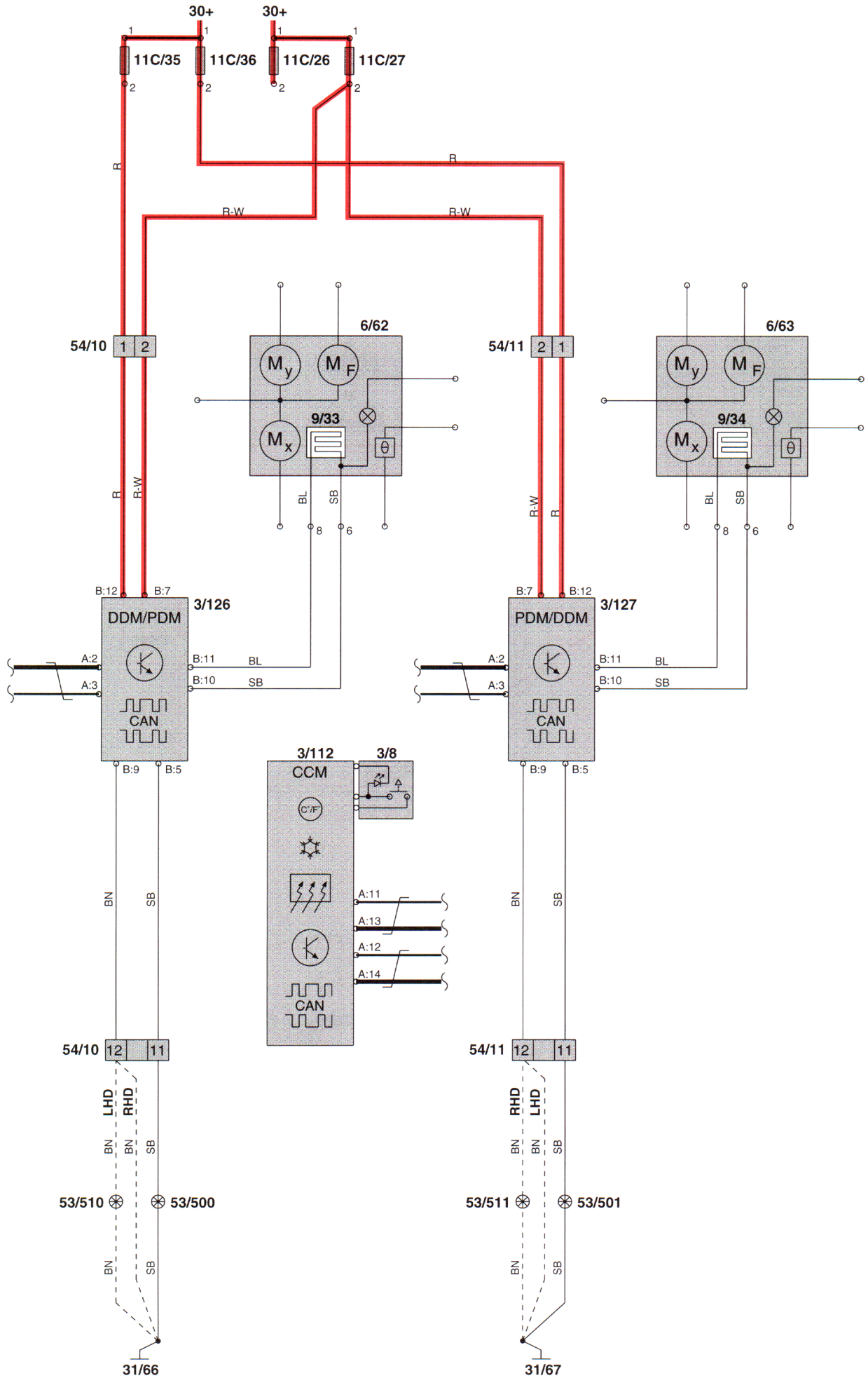
Heated rear window (S80)



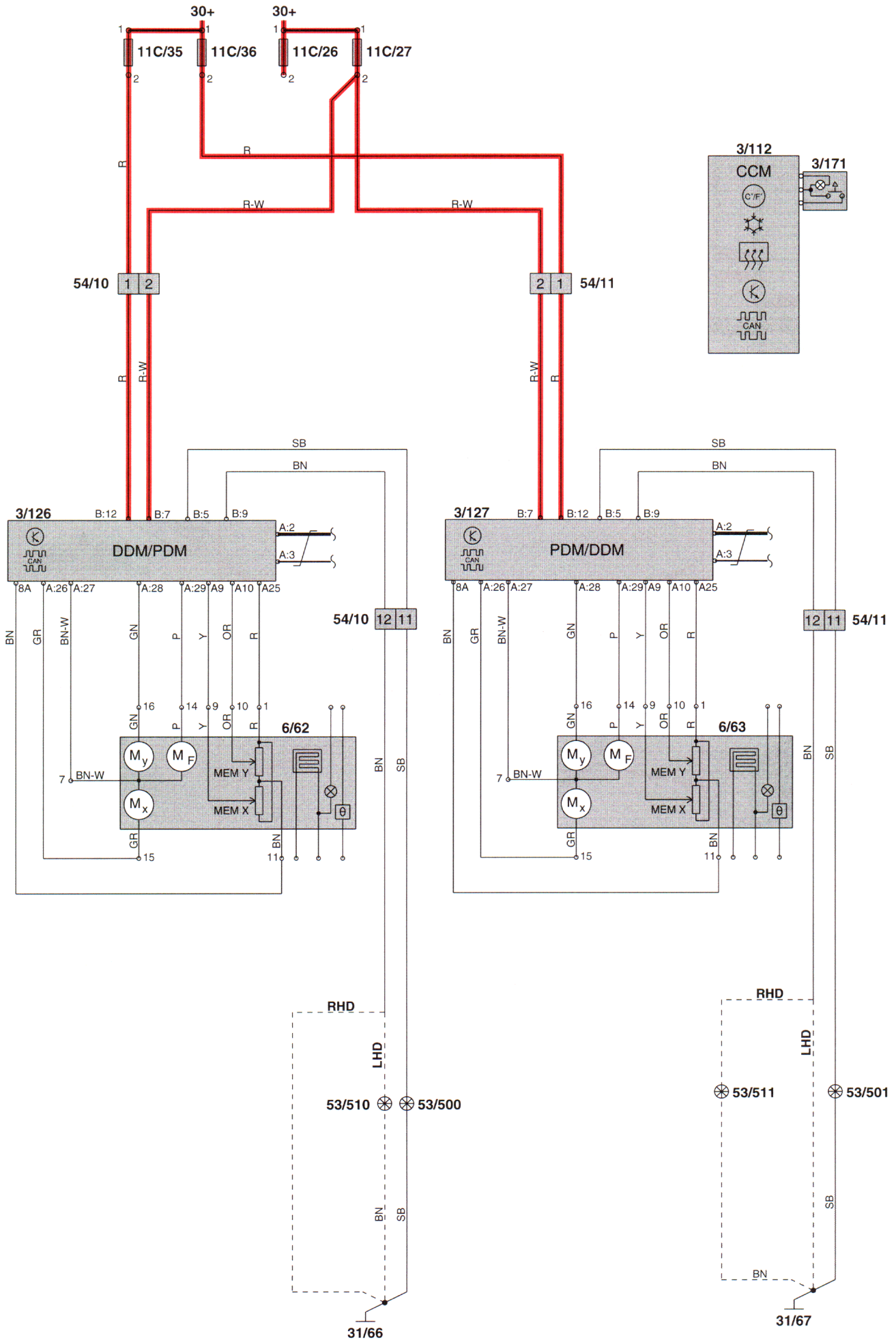
Heated rear window (V70)



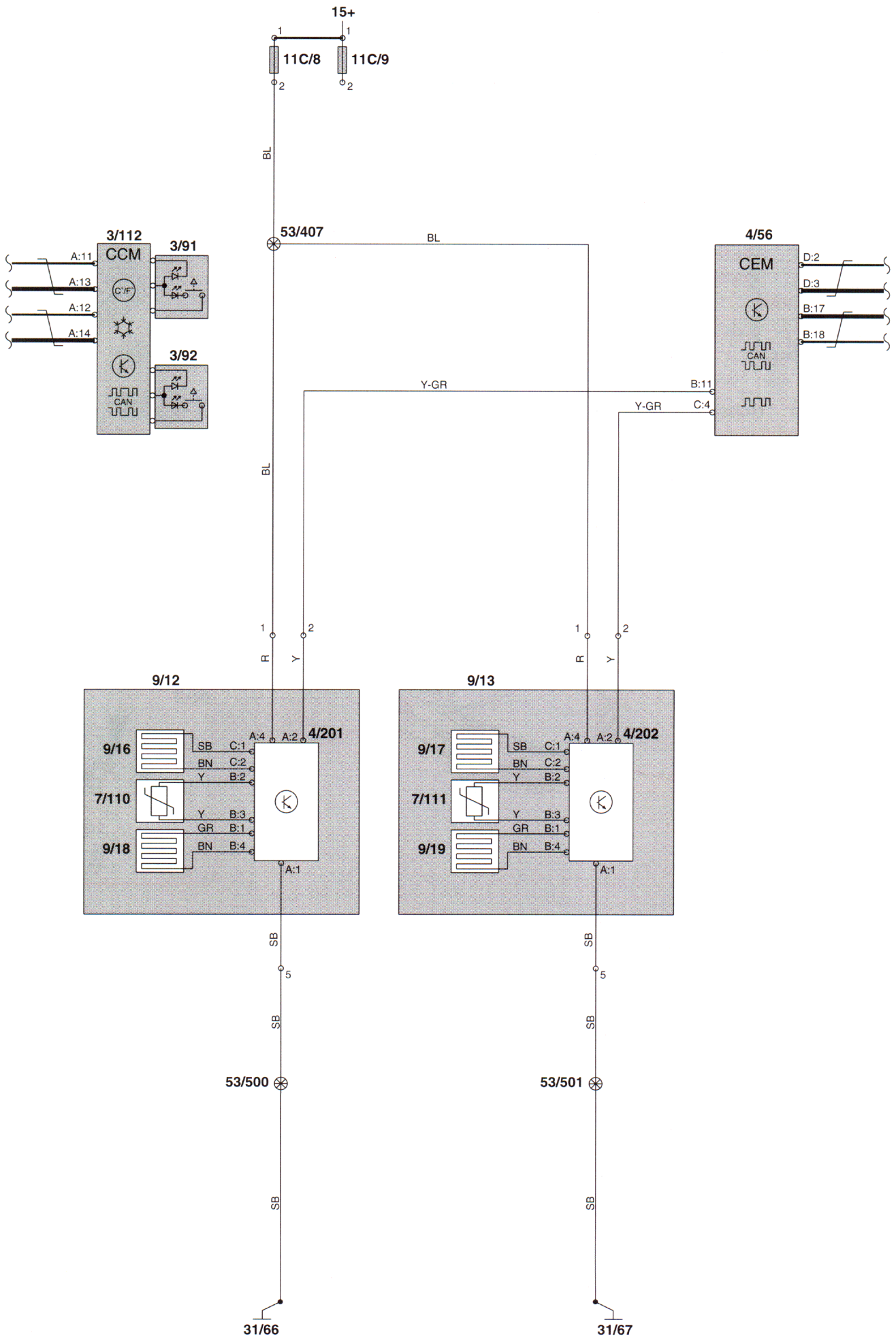
Heated door mirrors



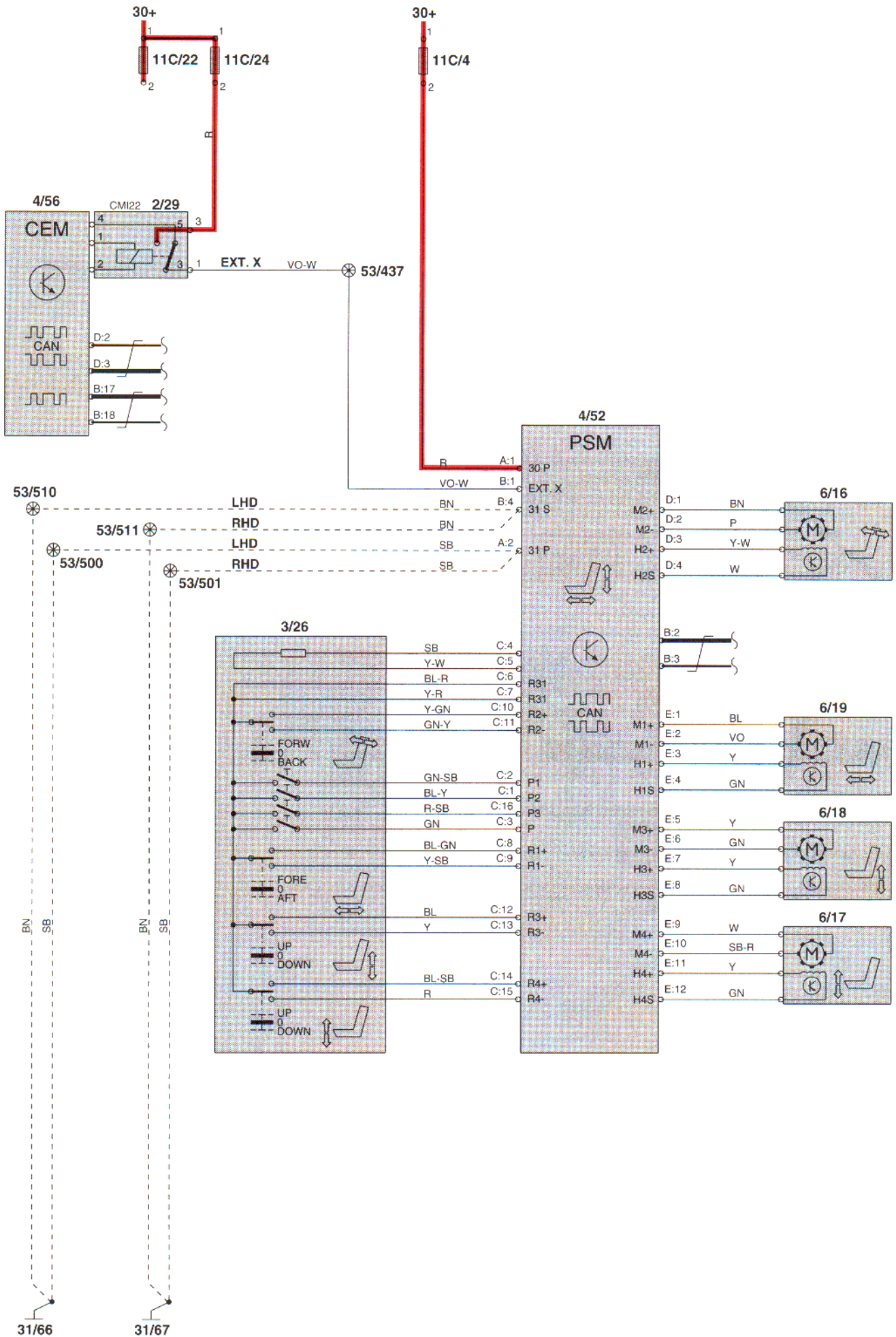
Power door mirrors



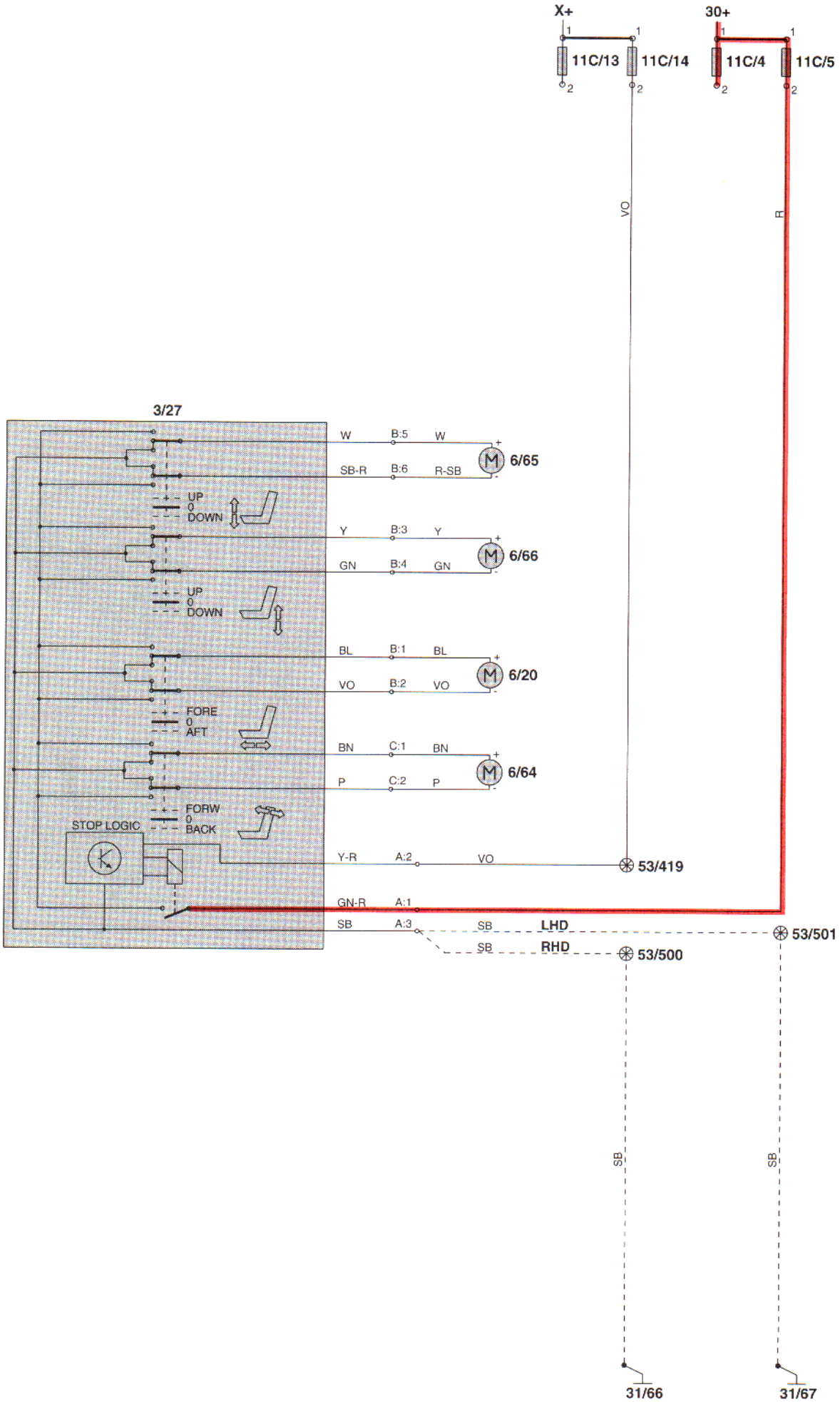
Heated seats



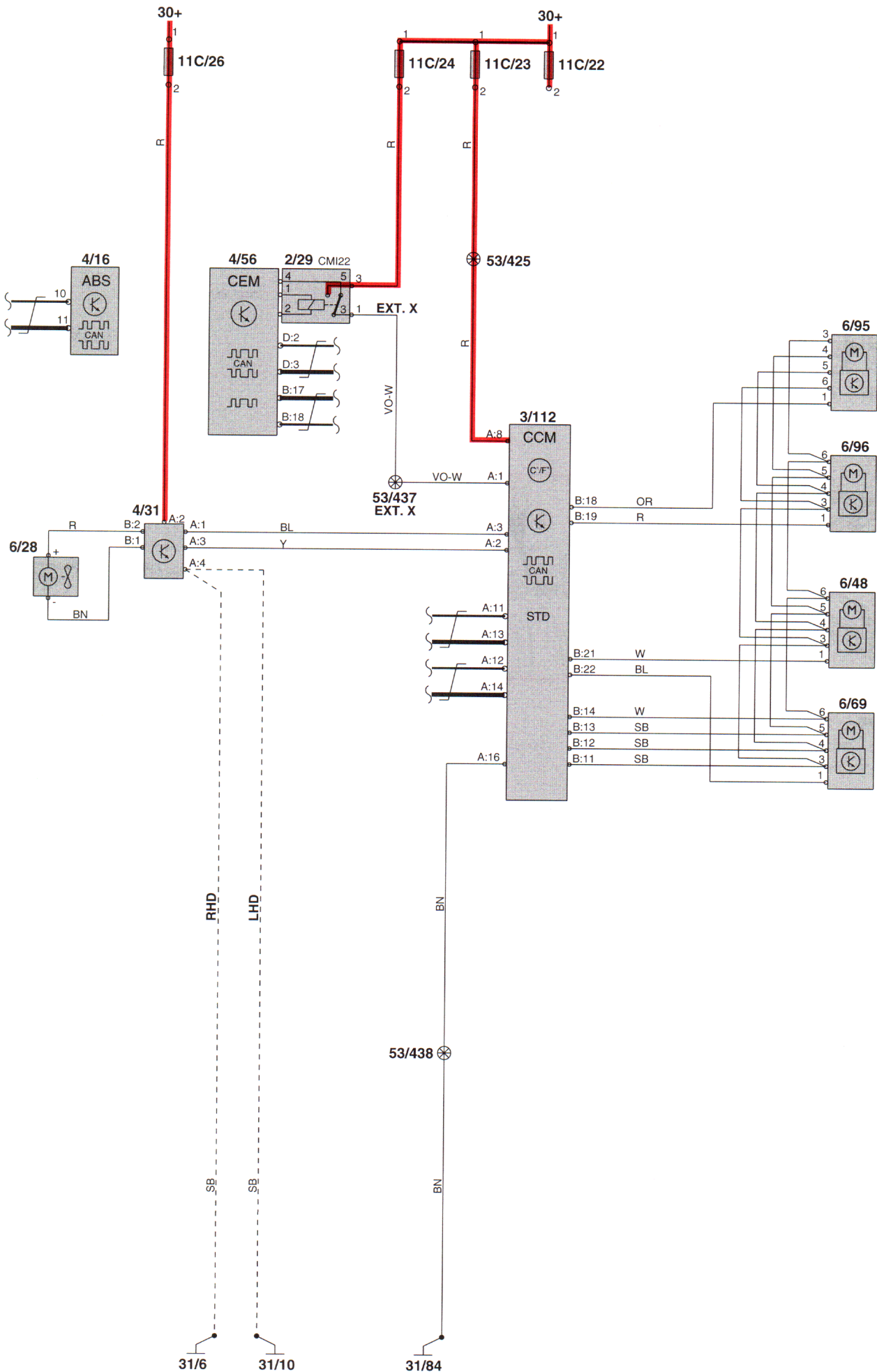
Power driver seat



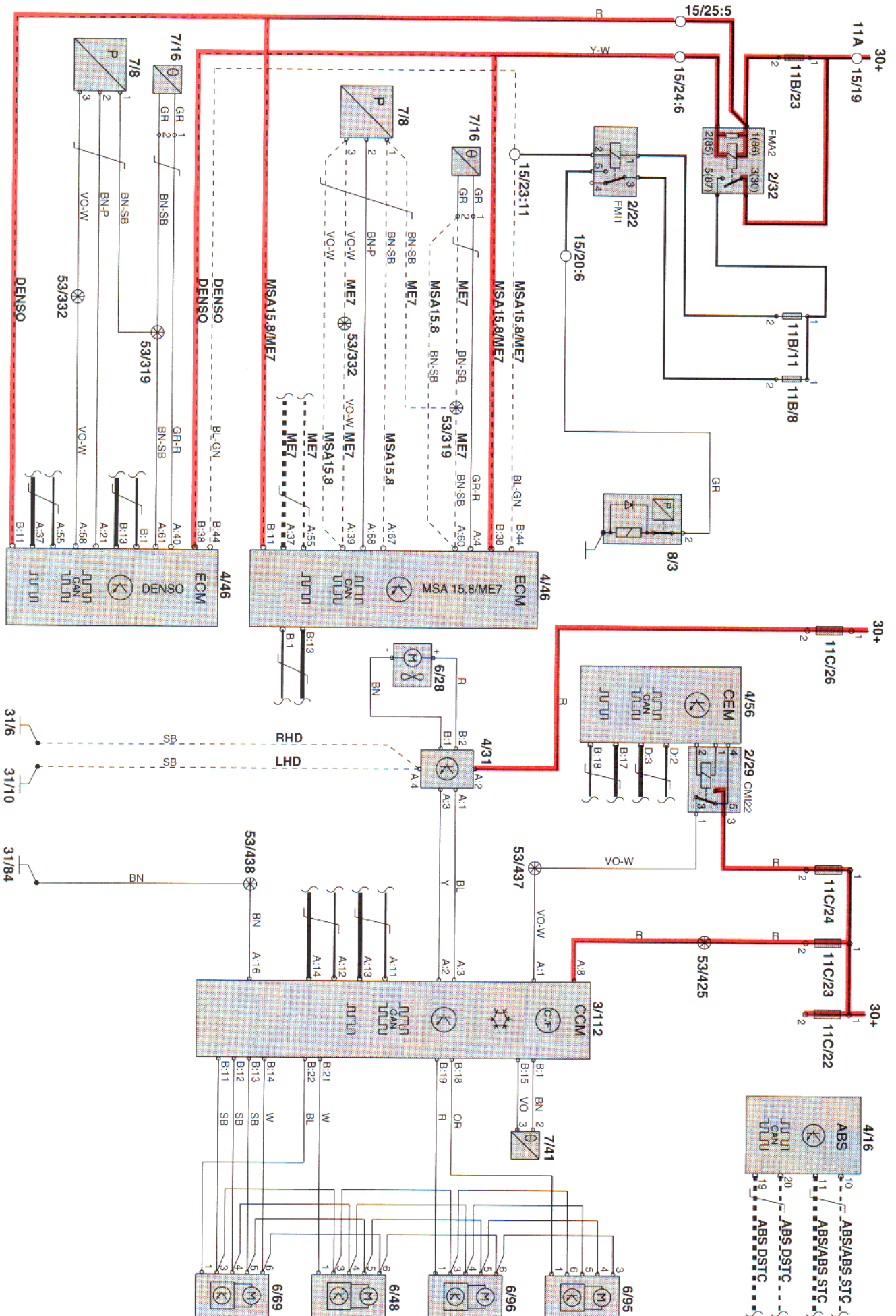
Power passenger seat



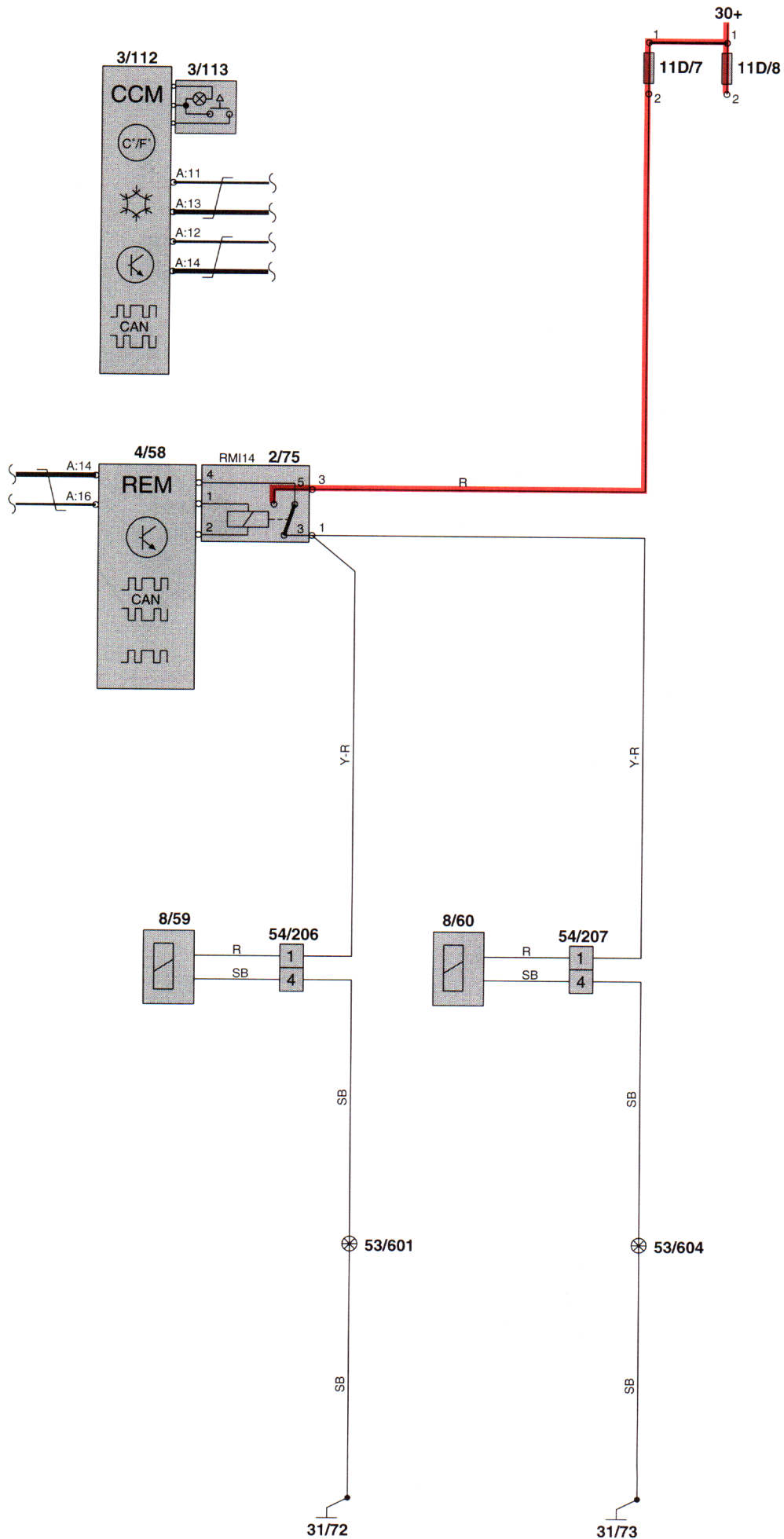
Standard heater



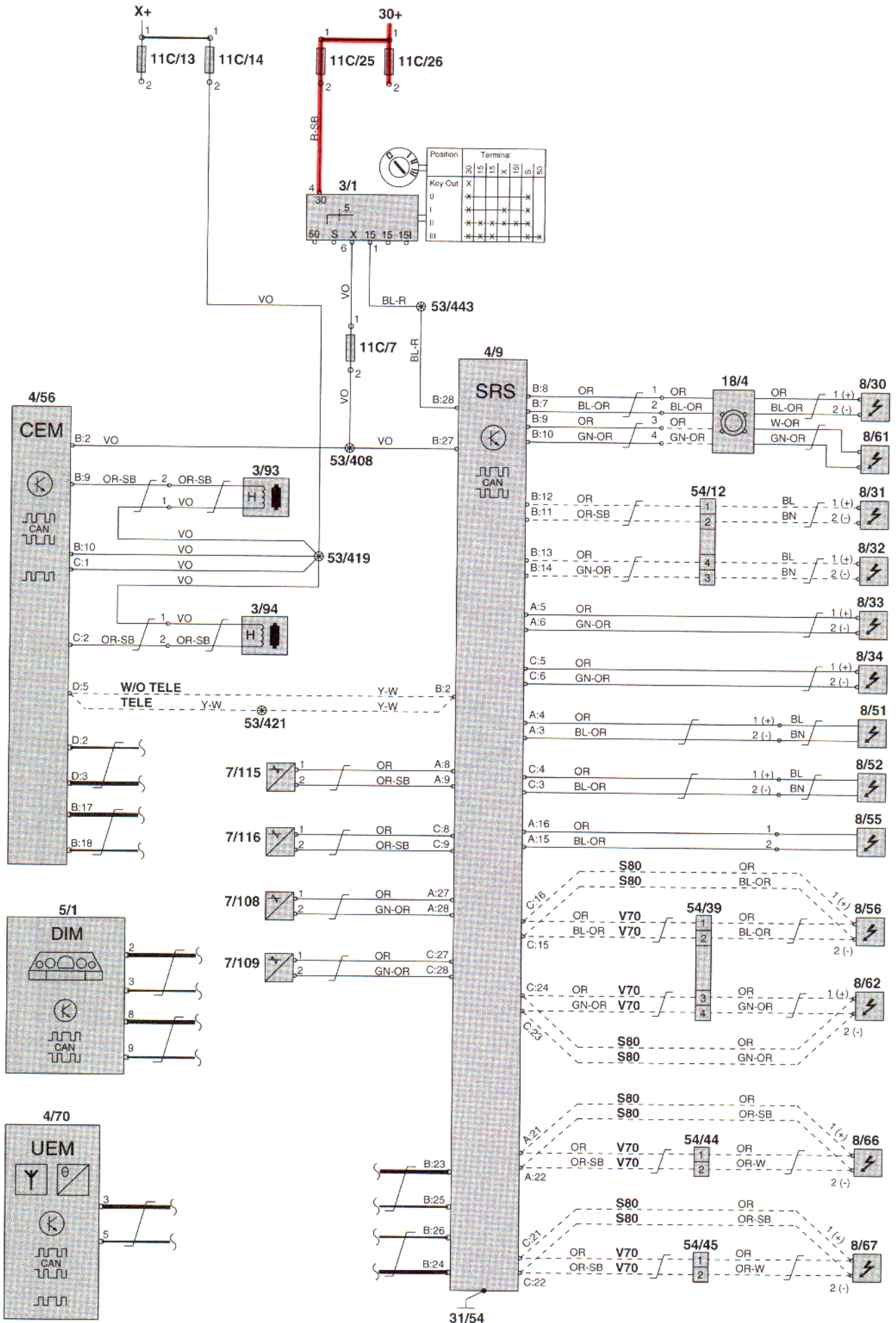
Manual climate control MCC



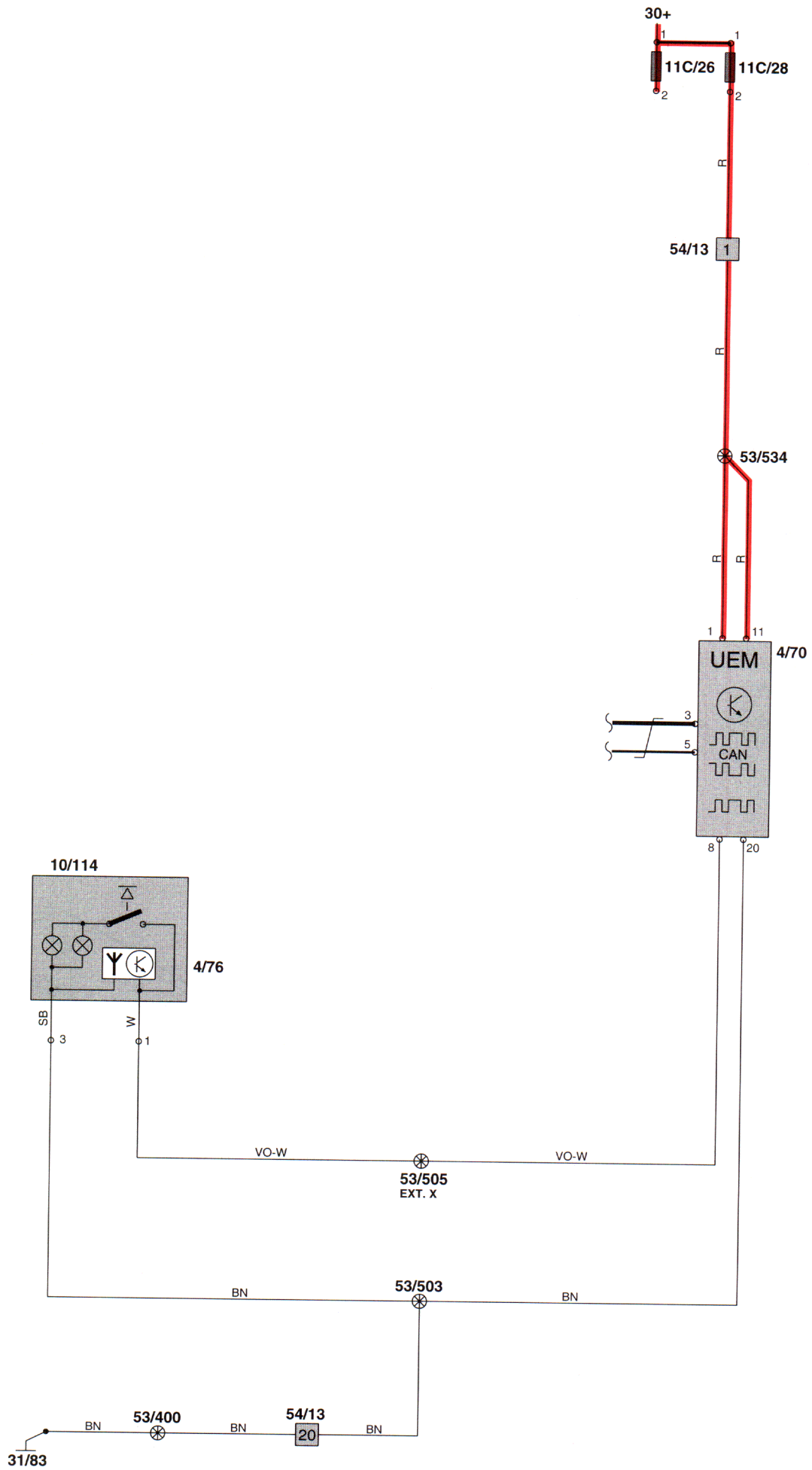
Electrically foldable head restraint



SRS Supplemental Restraint System



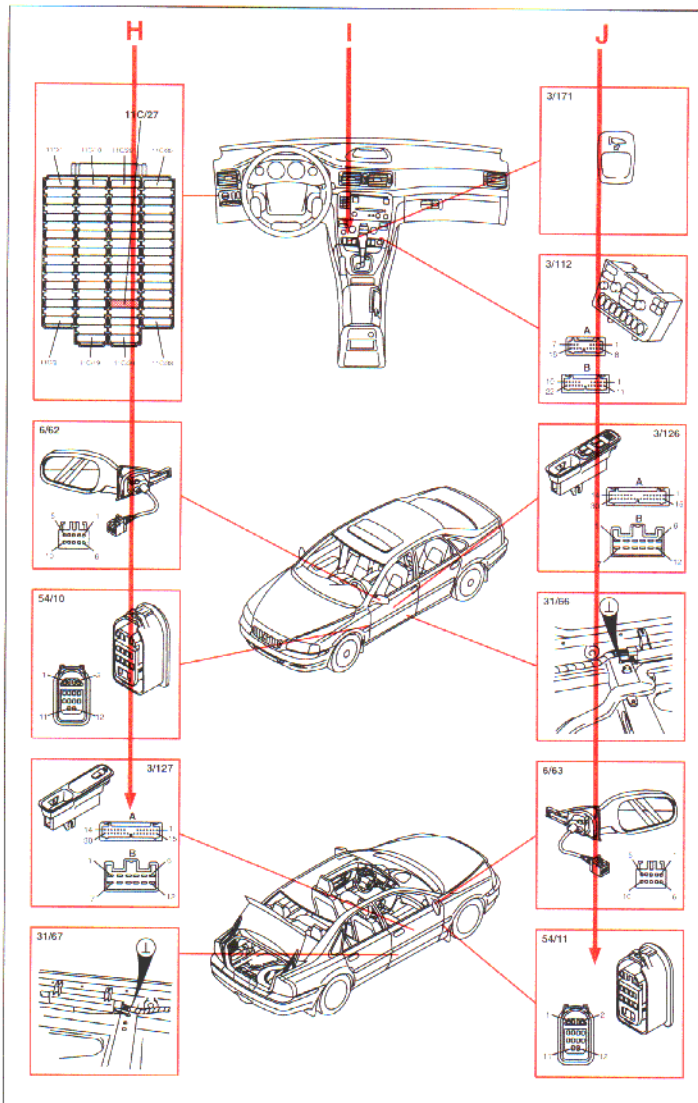
Remote controlled garage door opener








Component list

1/1	Battery	3/47	Parking brake contact
		3/53	Recirculation switch
2/14	Glow plug control relay	3/56	Fan switch
2/16	Rear window wiper	3/60	Auxiliary light switch
2/17	Horn relay	3/62	Alarm contact, hood
2/22	AC relay	3/71	Gear position contacts
2/23	Fuel pump relay	3/74	Lock unit, left front door
2/29	Extended X feed relay	3/75	Lock unit, right front door
2/30	X feed overload relay	3/76	Lock unit, left rear door
2/31	15-feed overload relay	3/77	Lock unit, right rear door
2/32	Engine control system main relay	3/78	Tailgate/trunk lock unit
2/34	Front fog light relay	3/80	Left central lock switch
2/35	Starter motor relay	3/82	Right central lock switch
2/49	Rear fog light relay	3/85	Power window switch, left rear door
2/52	Rear 15l feed relay	3/86	Right rear power window switch
2/58	Tank hatch locking relay	3/91	Left heated seat switch
2/59	Tank hatch unlocking relay	3/92	Right heated seat switch
2/61	Parking light relay	3/93	Seat belt lock switch - left seat
	Low beam relay	3/94	Seat belt lock switch - right seat
	High beam relay	3/95	Spin control switch
	Trunk opening relay	3/111	Light switch module (LSM)
	X feed rear overload relay	3/112	Switch module, climate control (CCM)
	Relay 1, heating plug for coolant	3/113	Rear foldable head restraint switch
	Rear foldable head restraint relay	3/117	Switch module, dome light
	Brake light relay	3/119	Auto climate switch
	Reversing light relay	3/121	Defroster switch
	Heated rear window relay	3/122	Vent switch
	Trailer fog light relay	3/123	Climate floor switch
	Tailgate locking relay	3/124	LH side temperature switch
	Rear washer motor relay	3/125	RH side temperature switch
	Low/high speed windshield wiper relay	3/126	Switch module, left front door (DDM/PDM)
	Intermittent windshield wiper relay	3/127	Switch module, right front door (PDM/DDM)
	Washer motor relay	3/130	Steering wheel module (SWM)
	Rear washer motor relay	3/131	Audio/telephone switch
	Relay for extended X feed, automatic transmission	3/135	RTI switch
	Relay 2, heating plug for coolant	3/153	Power Child Lock switch (PCL)
	Locking relay, central lock, left rear	3/155	Automatic transmission program selector
	Unlocking relay, central lock, left rear	3/156	Gear shift module (GSM)
	Locking relay, central lock, right rear	3/171	Switch for folding door mirrors
	Unlocking relay, central lock, right rear	3/173	Private tailgate/trunk lock switch
	Relay, central locking, rear door deadlock	3/174	Reduced alarm switch
	Rear power window up relay	3/183	Max defroster switch
	Right rear power window up relay		
	Rear power window down relay	4/7	Auxiliary heater control module (CPM)
	Right rear power window down relay	4/9	SRS control module
	Relay - power windows, power child lock rear door	4/16	Anti-lock brakes control module (ABS)
	Pager alarm relay	4/28	Transmission control module (TCM)
	Pager alarm relay	4/31	Blower control module
	Deadbolt relay, LH rear door	4/33	Sunroof control module (SRM)
	Deadbolt relay, RH rear door	4/46	Engine control module (ECM)
		4/50	Electronic throttle module (ETM)
	Ignition switch	4/52	Power driver seat control module (PSM)
	Cruise control switch (SWS)	4/56	Central electronic module (CEM)
3/6	Hazard warning flasher switch	4/58	Rear electronic module (REM)
3/8	Heated rear window/door mirrors switch	4/68	Control module delay angle sensor (SAS)
3/9	Brake light switch	4/70	Upper electronic module (UEM)
3/10	Reversing light contact	4/71	Cooling fan control module
3/25	Power sunroof switch	4/76	Remote control unit for garage door opener
3/26	Power driver seat control module	4/79	Pager alarm
3/27	Power passenger seat control module	4/201	Left heated seat control module
3/35	Trunk handle switch	4/202	Right heated seat control module
3/37	Horn contacts		

How to use the wiring diagram



-  = DIN cables, coaxial cables, etc.
-  = Data communication
-  = CAN communication
-  = Connection with engine compartment fuse box
-  = Further connection to.

D. Junction points

Junction points are numbered. The manual contains a list of the junction points, showing to which other components each point is joined. The section "Cable harness routing in vehicle" shows where they are located.

E. Electrical distribution

Feed to the fuse is shown in its entirety in the section "Electrical distribution".

F. Abbreviations

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

G. CAN communication

Wires only partially drawn in CAN communication are shown in their entirety in the section "Data communication".

H. Components

Component with corresponding connector.

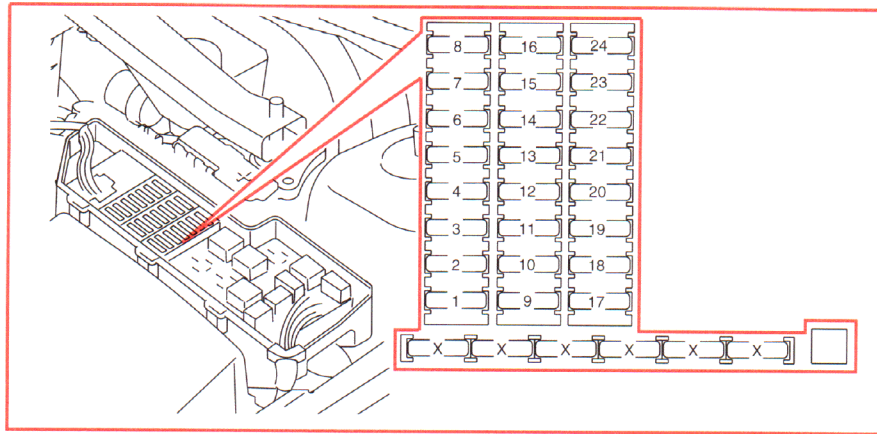
I. Component placement

This shows where the components are located in the vehicle.

J. Connectors

Connectors linking cable harnesses are described in the section "Connectors".

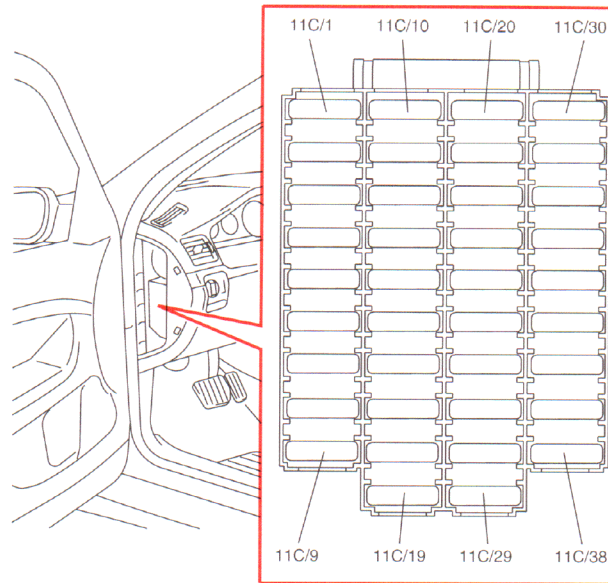
Fuses in the engine compartment



Fuses, 11B, in relay/fuse box I

No.	Fuse function	A
1	Auxiliary heater control module (CPM)	25
2	Accessory (auxiliary light)	-
3	-	-
4	Heated oxygen sensors	20
5	EVAP valve, camshaft reset valve, canister shut-off valve	15
6	Engine control module (ECM), Injectors, Mass air flow sensor (Gasoline), Injection pump Air volume sensor (Diesel)	15
7	Electronic throttle module (ETM)	10
8	Solenoid switch A/C, Accelerator pedal position sensor	10
9	Horn	15
10	Rear window washer motor	10
11	Glow plug control relay, Relays, heating plugs for coolant, A/C relay, Spark plugs with ignition coils EGR converter, Turbocharger control valve, Engine pad solenoid valve, PTC resistor - air preheating	20
12	Brake light switch	5
13	Windshield wiper	25
14	Control module ABS/DSTC	30
15	-	-
16	Headlight wiper/washer, Windshield washer	15
17	Low beam	15
18	High beam	20
19	Control module ABS/DSTC	30
20	Relay 2, heating plug for coolant	30
21	Relay 1, heating plug for coolant	30
22	Starter motor relay	25
23	Engine control system main relay	5
24	-	-

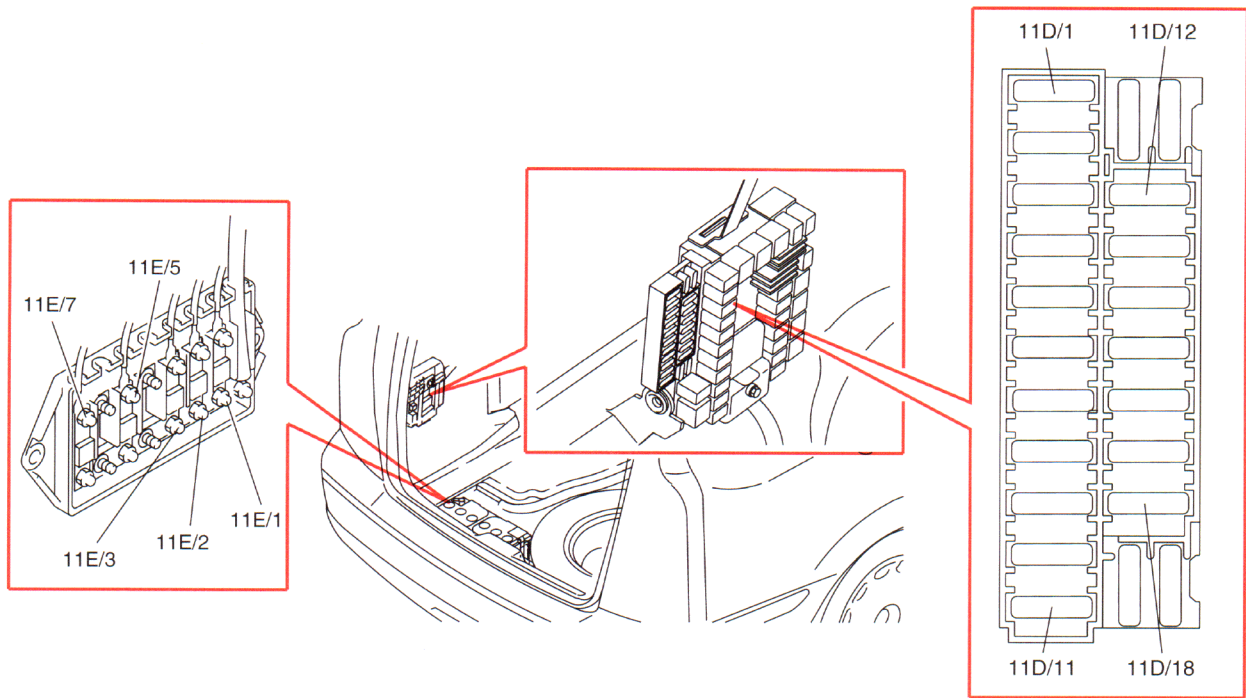
Fuses in the passenger compartment



Fuses, 11C, in the fuse box

No.	Fuse function	A
23	Light switch module (LSM), Data link connector, Climate control module (CCM)	5
24	Extended X feed via relay: Climate control module (CCM), Driver information module (DIM), Power driver seat, Geartronic, Shift lock, Combustion preheater module (CPM), (Parking heater)	10
25	Via Ignition switch: Starter motor relay, Engine control module (ECM), Central electronic module (CEM), Fuse 11C/7, SRS control module, Antenna ring	10
26	Blower	30
27	Via switch module for front door (DDM/PDM): Central locking, Power windows, Door warning lights, Heated door mirrors, Power door mirrors, Door mirror lighting	15
28	Overhead lighting, Upper electronic module (UEM), Switch module - dome light, Vanity mirror lighting	10
29	Alarm siren	5
30	Side marker light - left front, parking light - left front Parking/taillight lamps - left rear	10
31	Side marker light - right front, Parking light - right front Right rear lamps for parking lights and taillights, License plate lighting	10
32	Fuse 11C/29, Via Central electronic module (CEM): Interior lighting, Electronic power steering, Glove compartment lighting	10
33	Fuel pump	15
34	Sunroof	15
35	Via switch module, left front door (DDM/PDM): Central lock, Power windows, Heated door mirrors, Power door mirrors, Rearview mirror lighting, Door warning light	25
36	Via switch module, right front door (DDM/PDM): Central lock, Power windows, Heated door mirrors, Power door mirrors, Rearview mirror lighting, Door warning light	25
37	Rear power windows, Power child lock	30
38	-	-

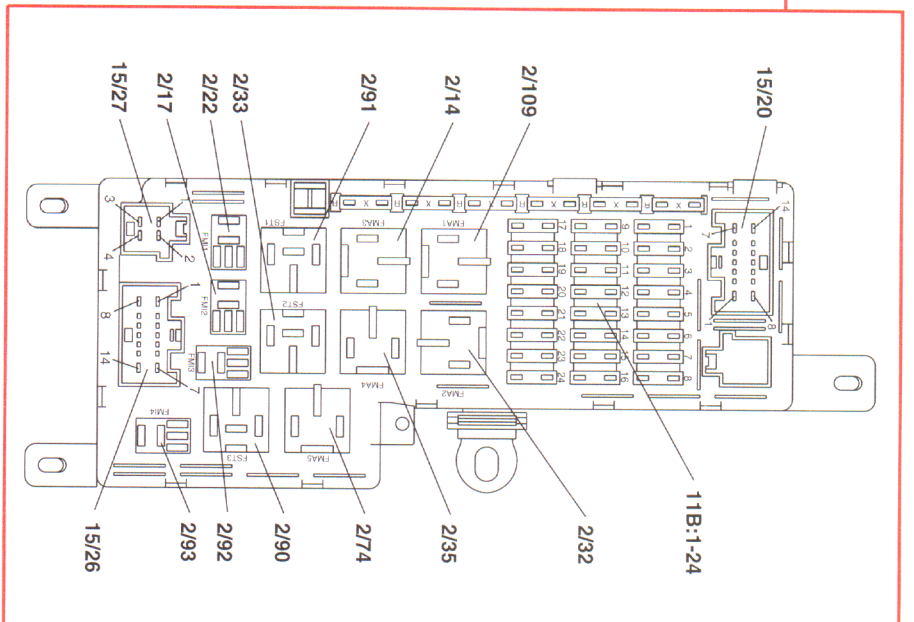
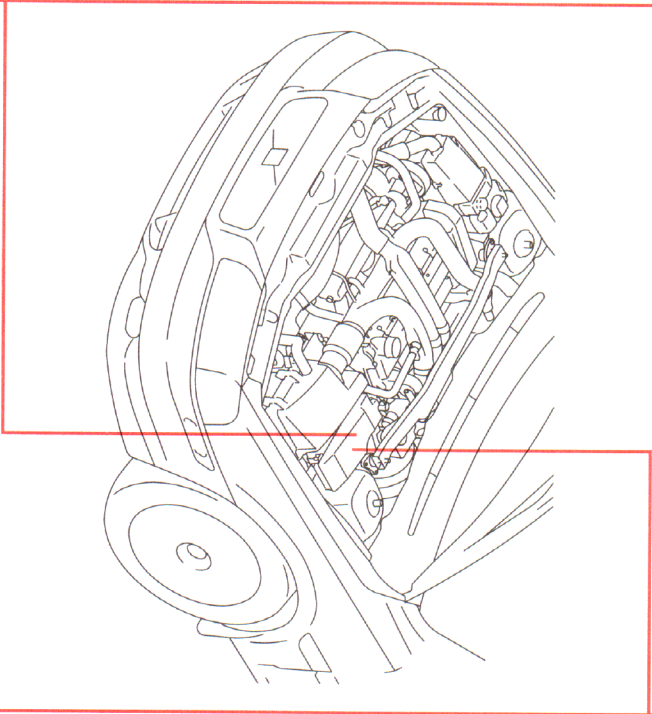
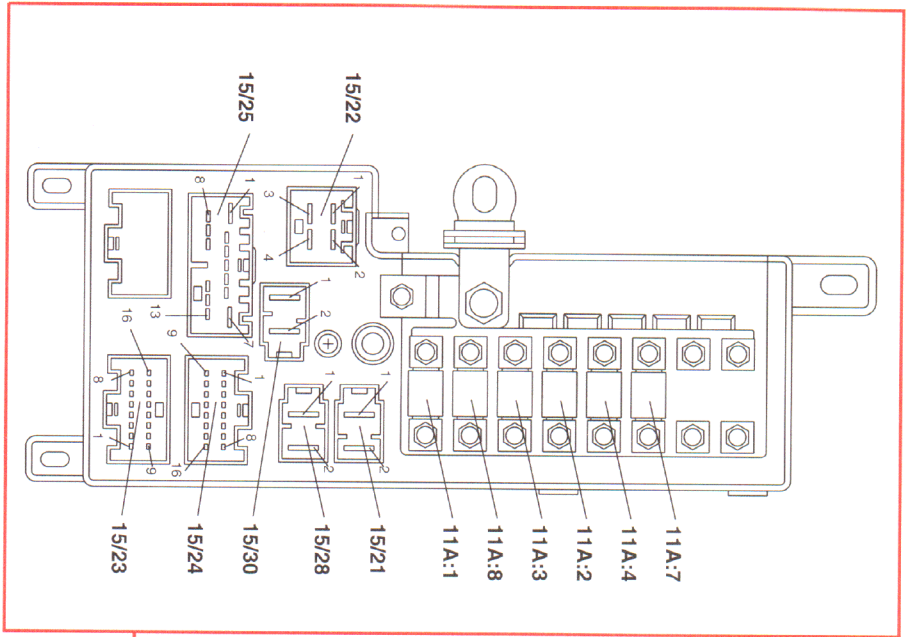
Fuses in cargo compartment

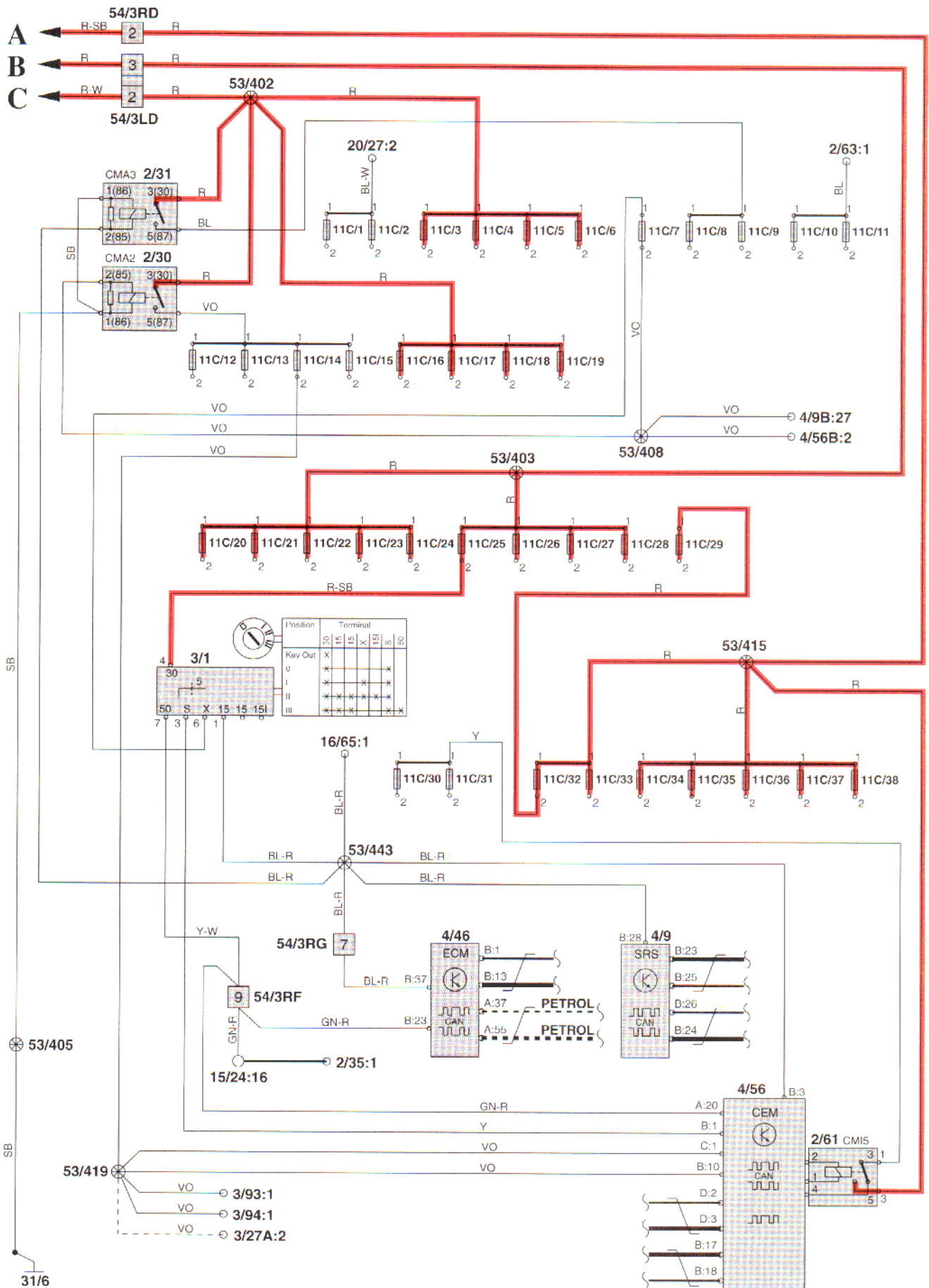


Main fuses, 11E, at battery

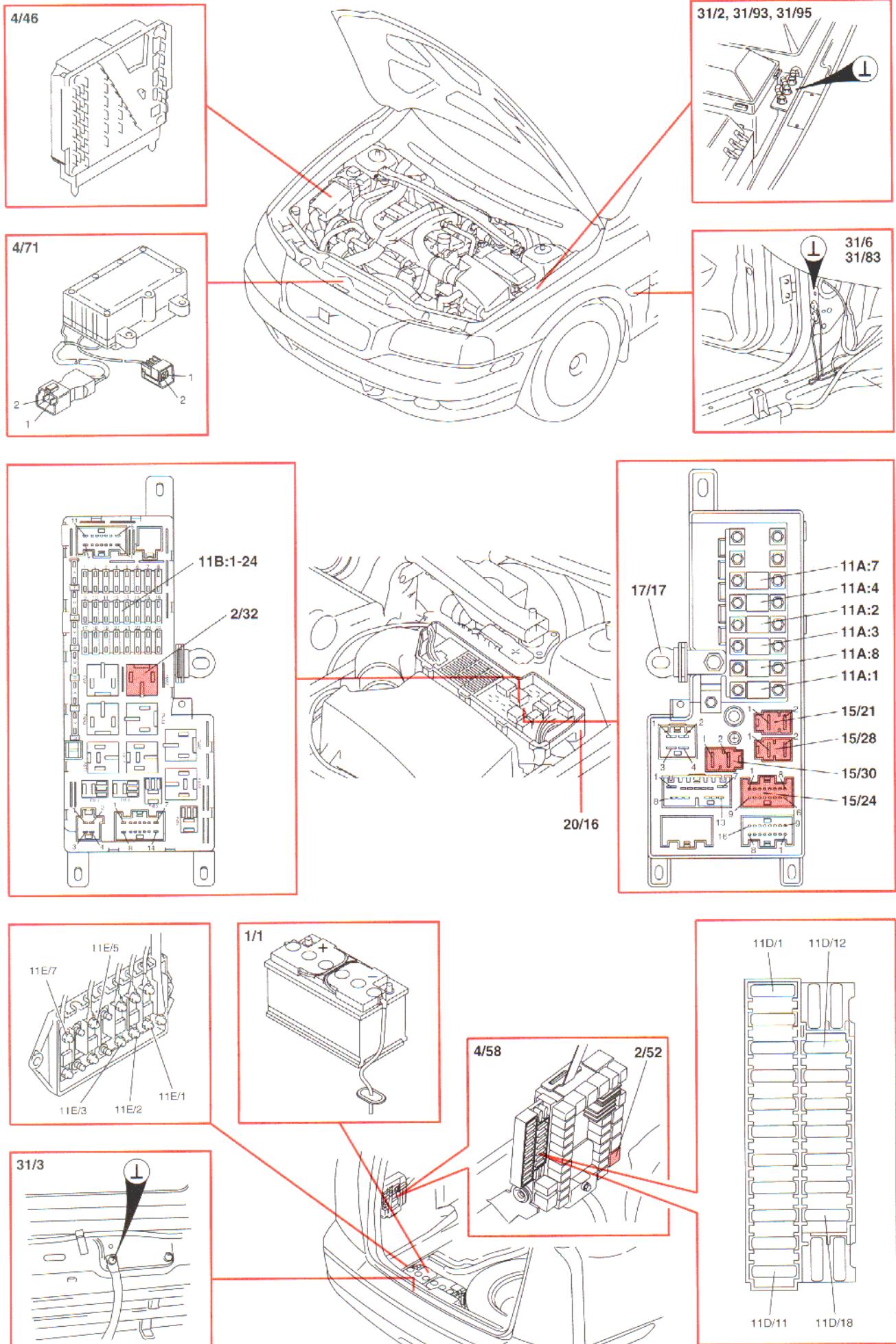
No.	Fuse function	A
1	Rear 15l feed	40
2	Fuses 11D/12-14	40
3	Heated rear window	40
4	-	-
5	Fuses 11D/6-10	40
6	-	-
7	Fuses 11D/1-5	40

Engine compartment relays/fuse box

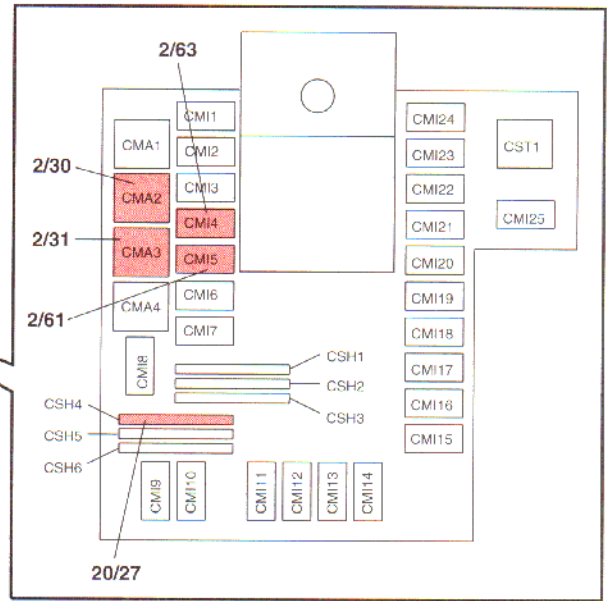
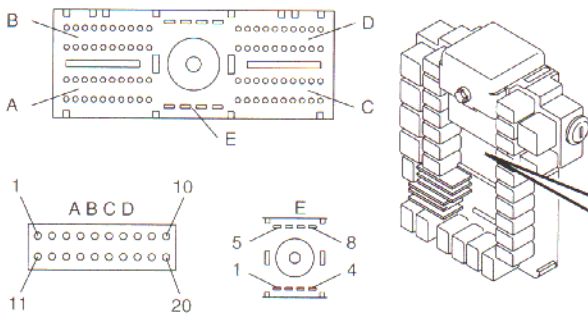




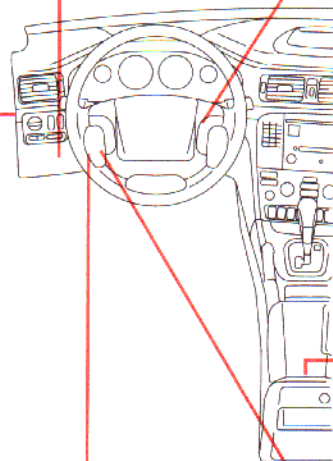
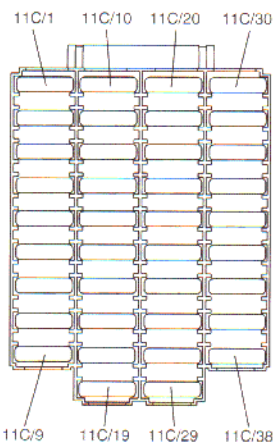
Electrical distribution



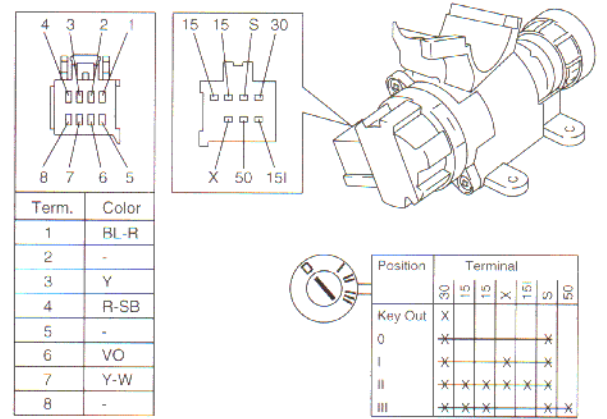
4/56



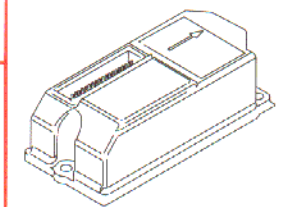
11C



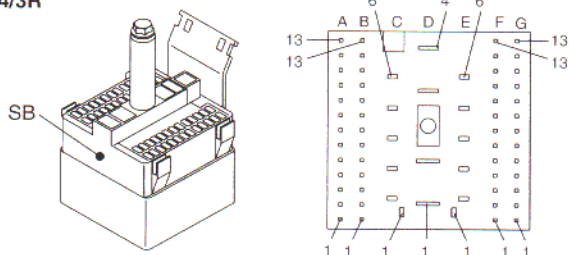
3/1



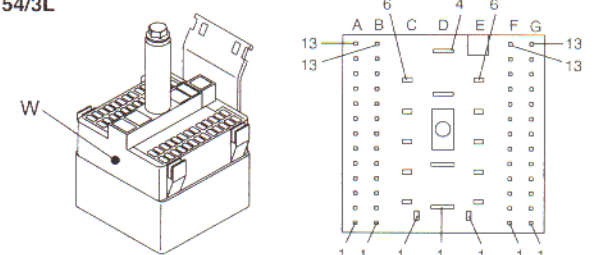
4/9

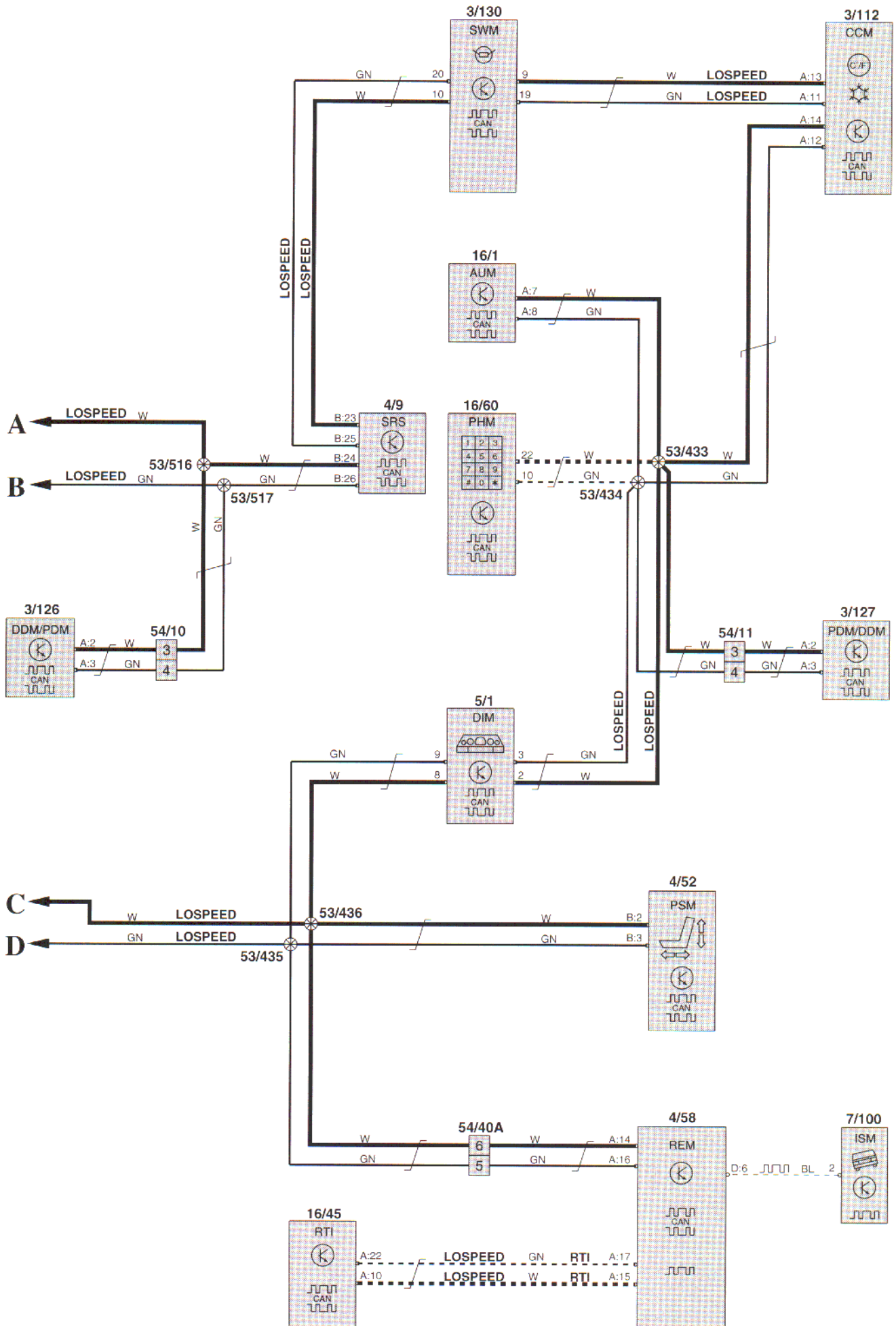


54/3R

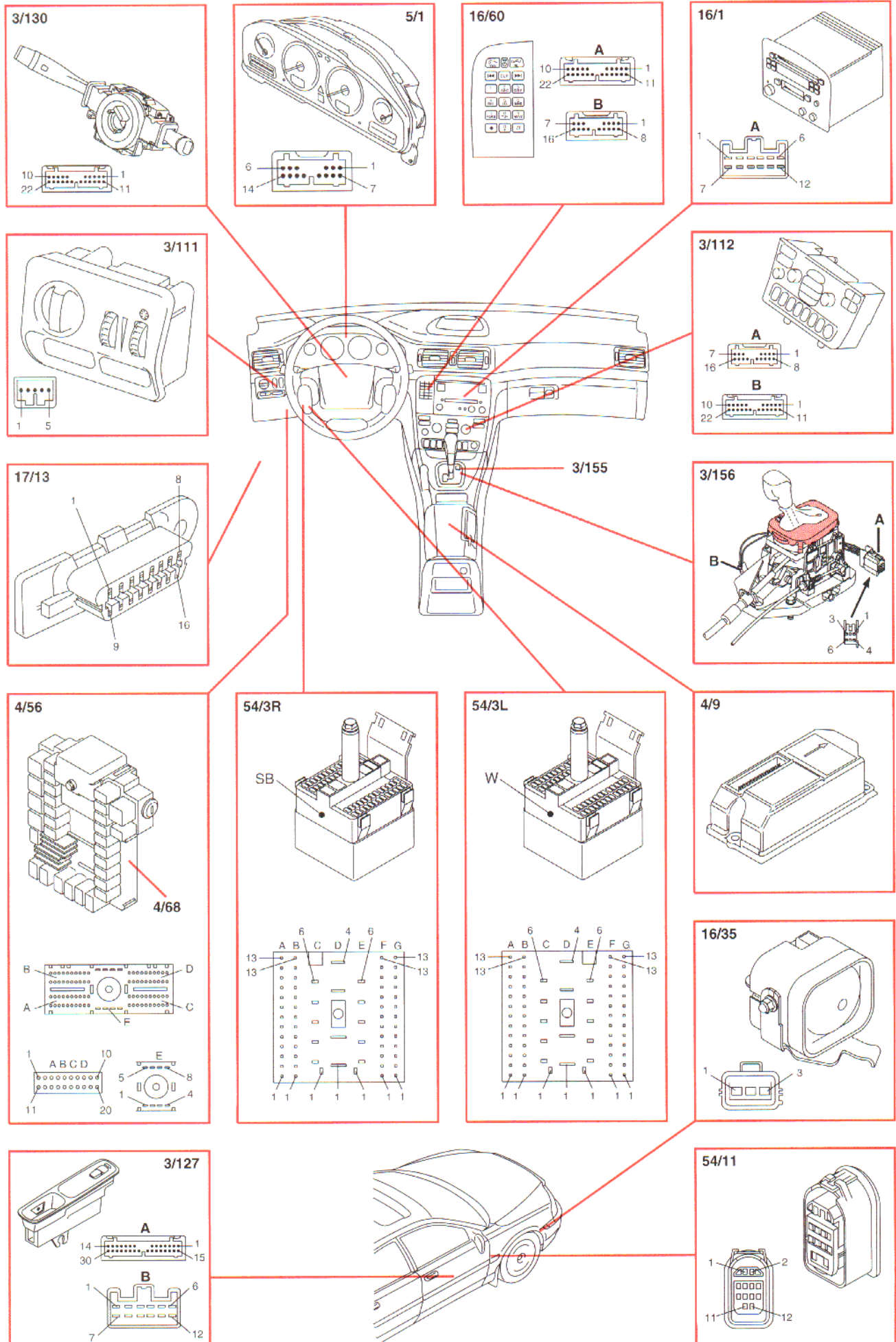


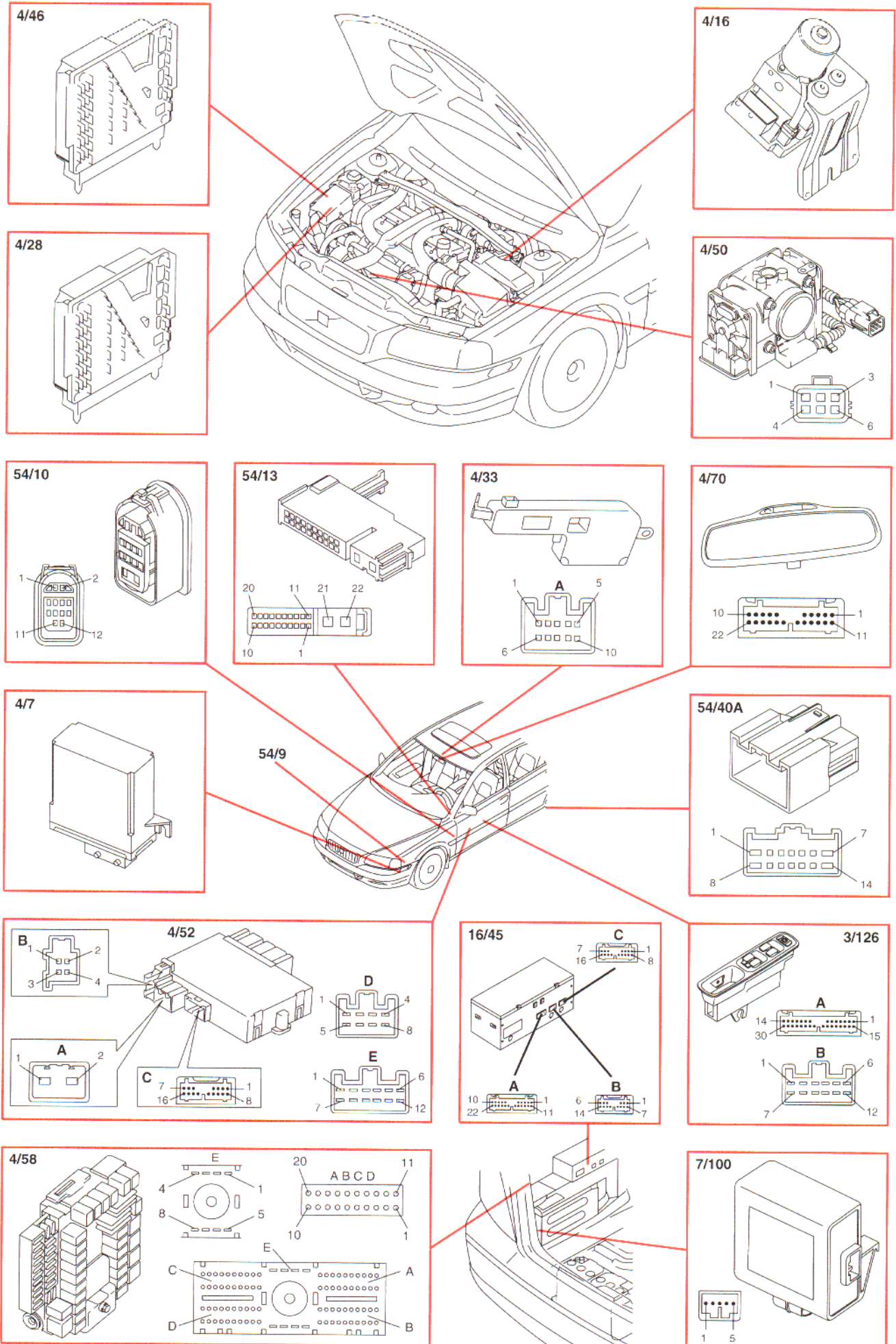
54/3L





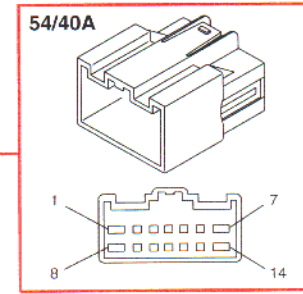
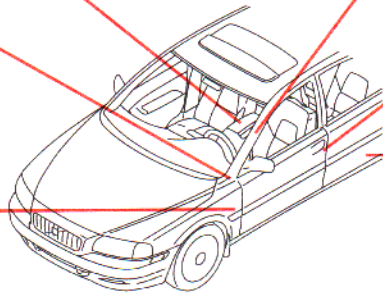
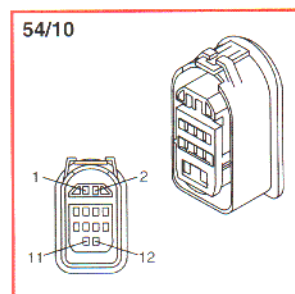
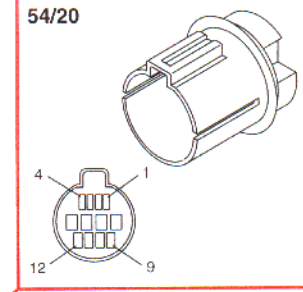
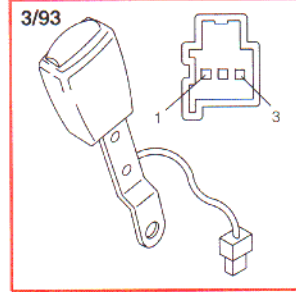
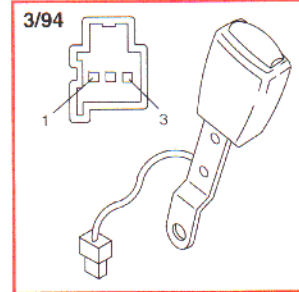
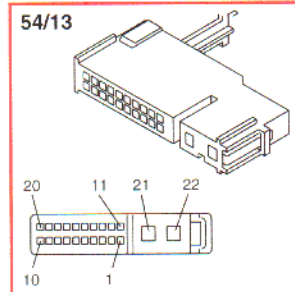
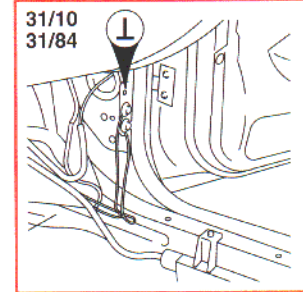
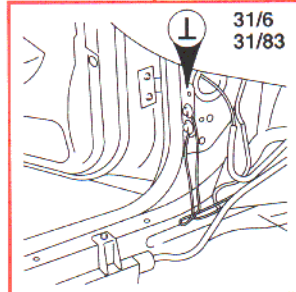
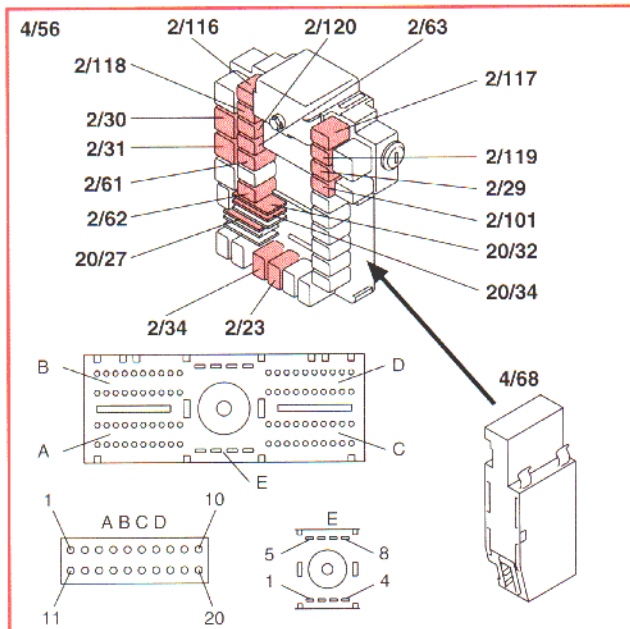
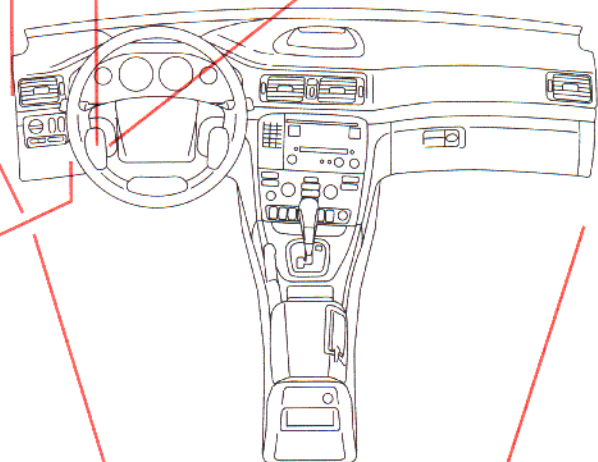
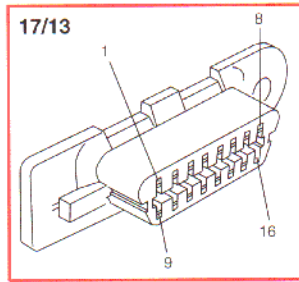
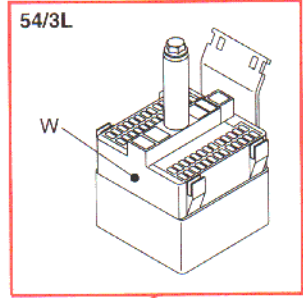
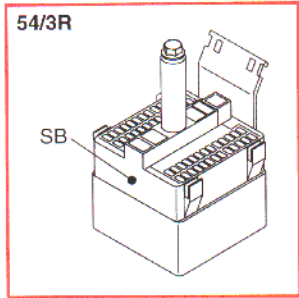
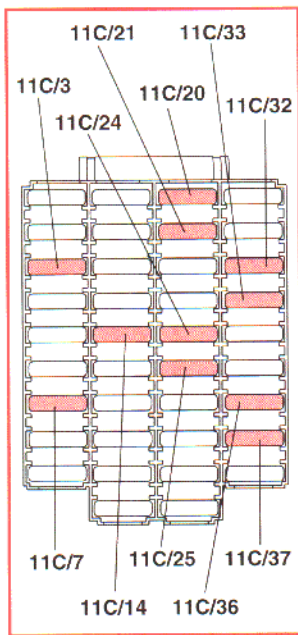
Data communication



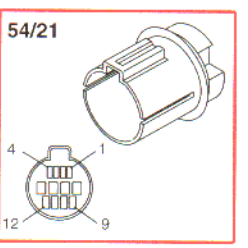
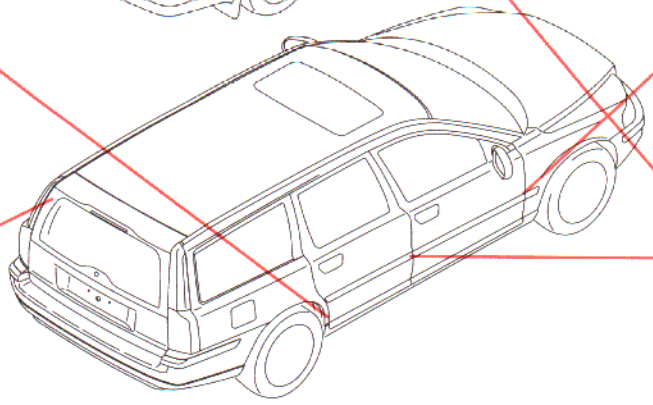
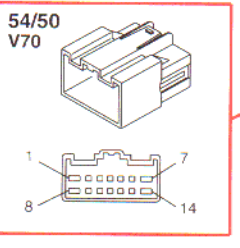
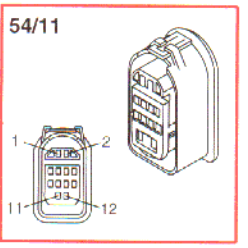
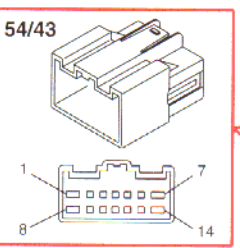
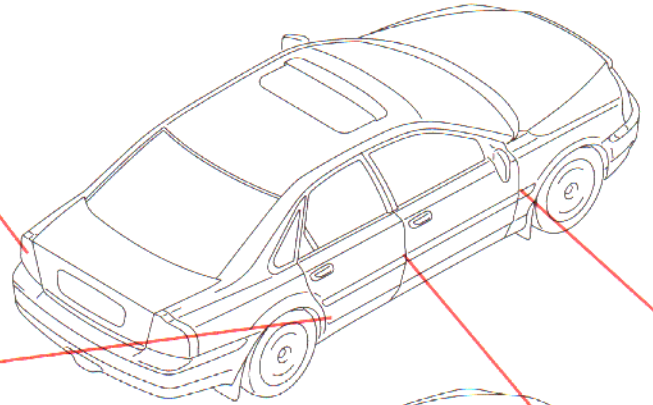
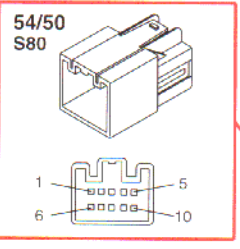
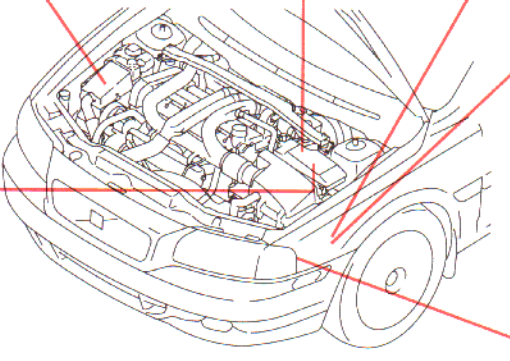
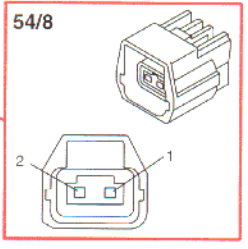
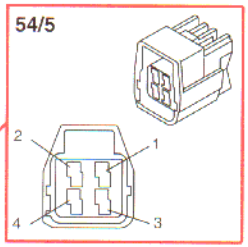
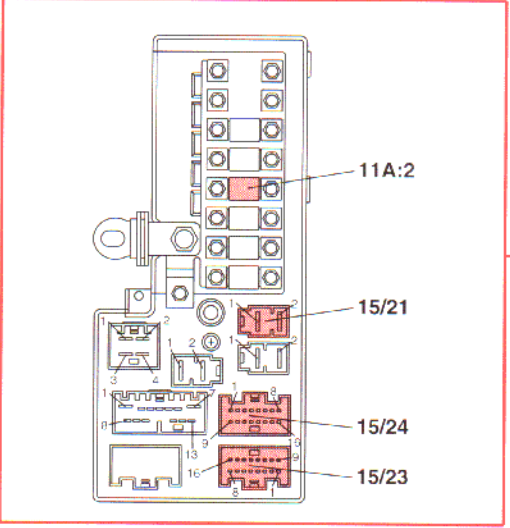
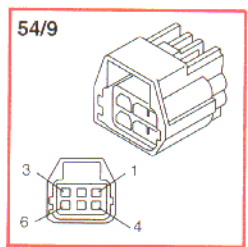
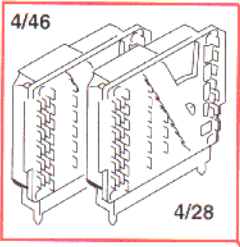
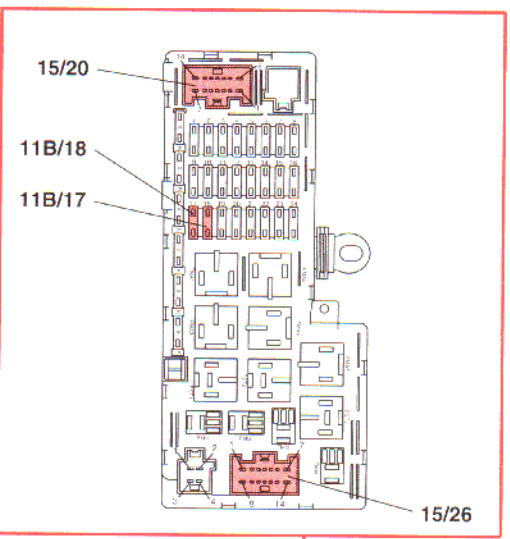
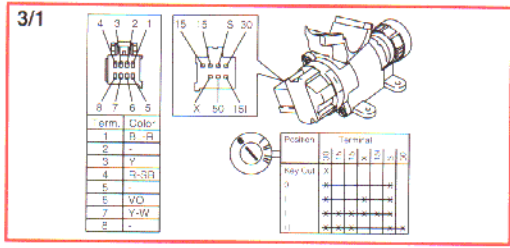


Electronic switching

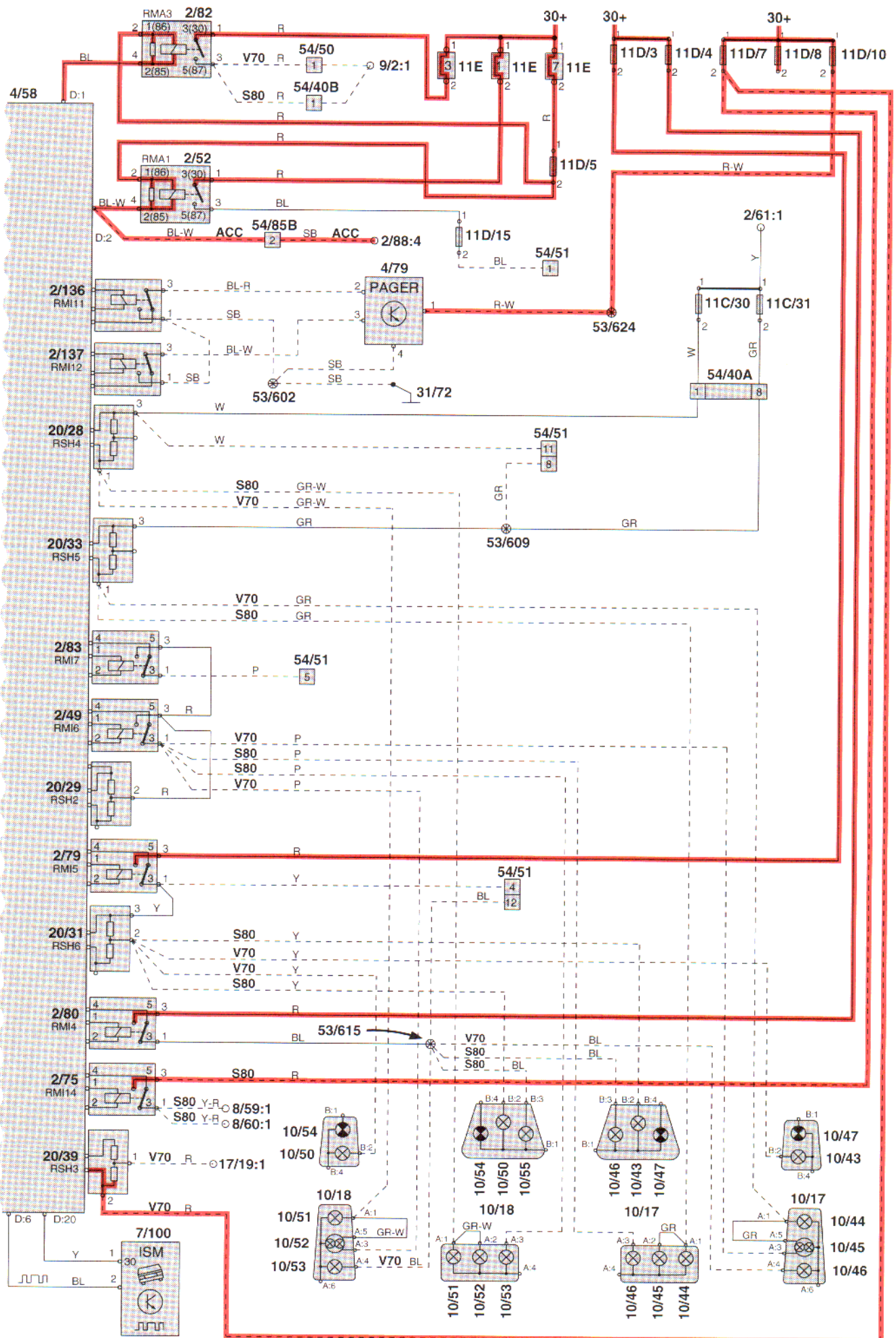
Central electronic module (CEM)



Electronic switching Central electronic module (CEM)

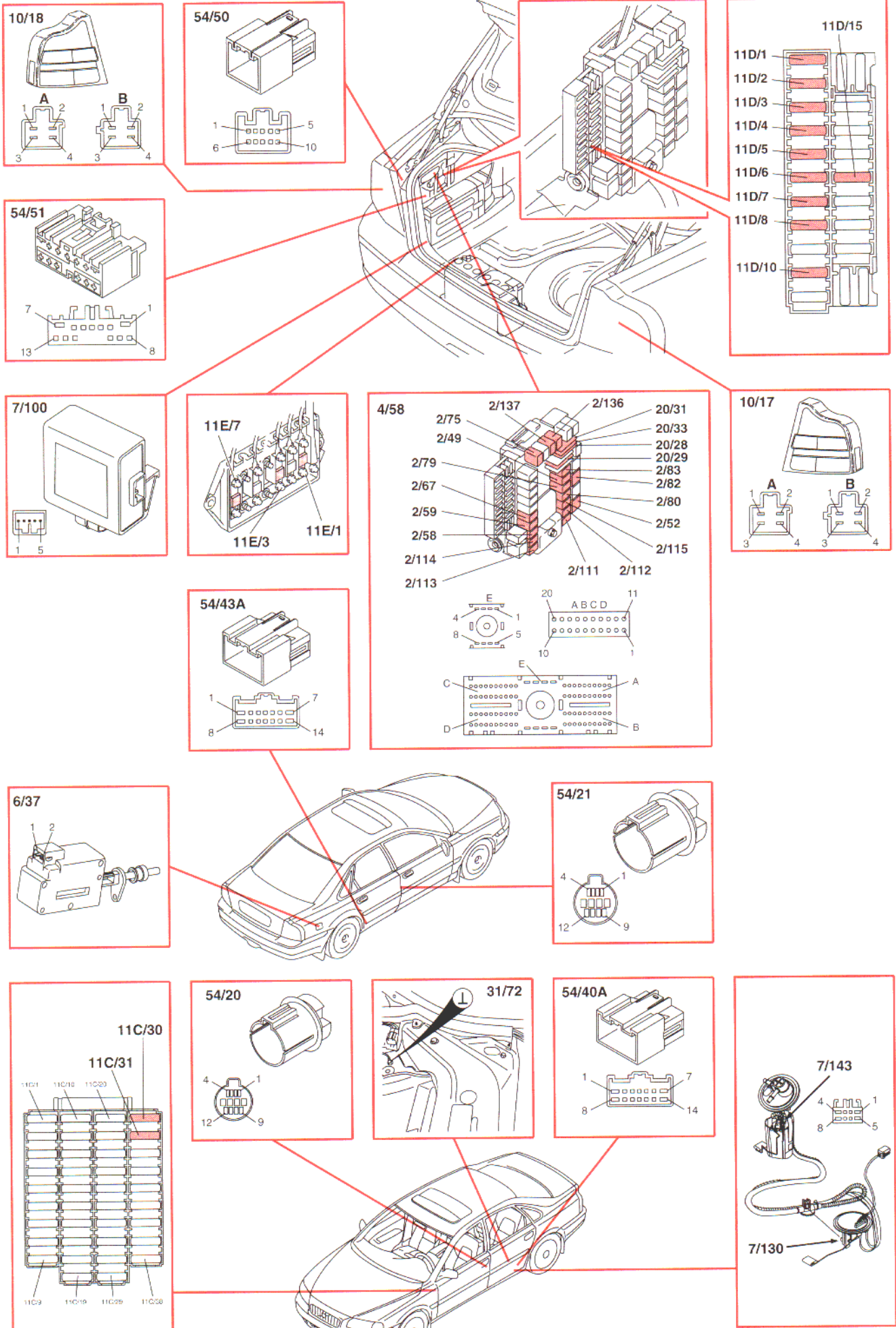


Electronic switching Rear electronic module (REM)

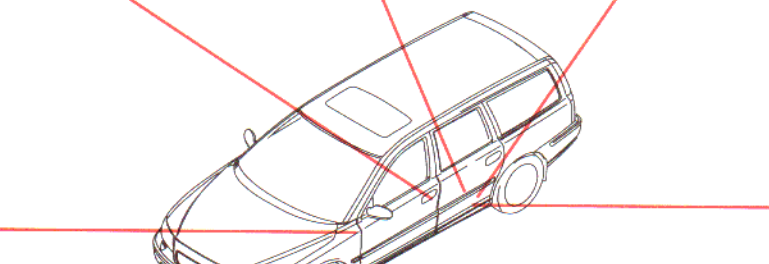
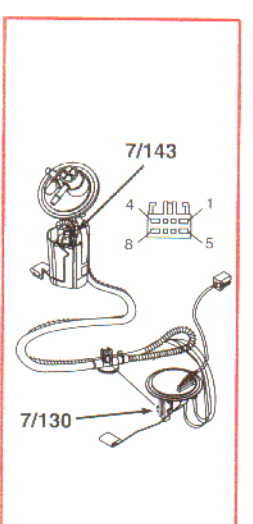
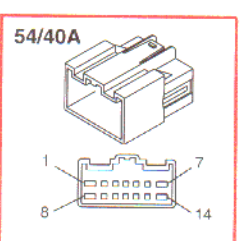
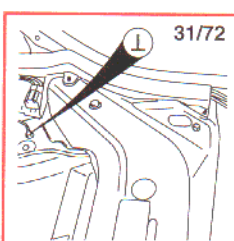
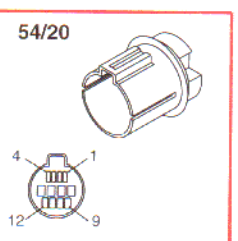
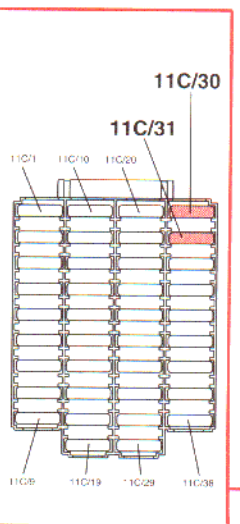
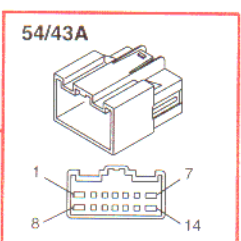
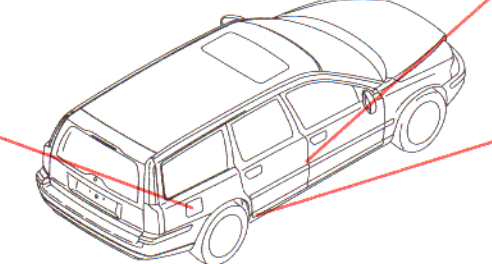
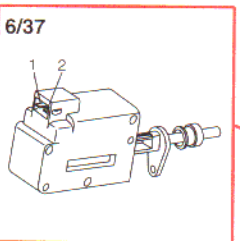
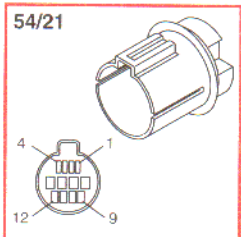
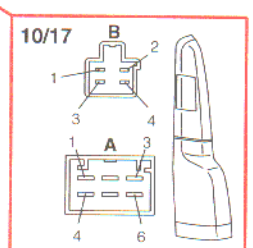
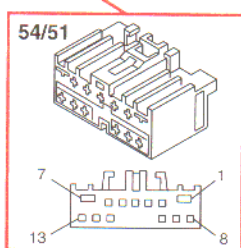
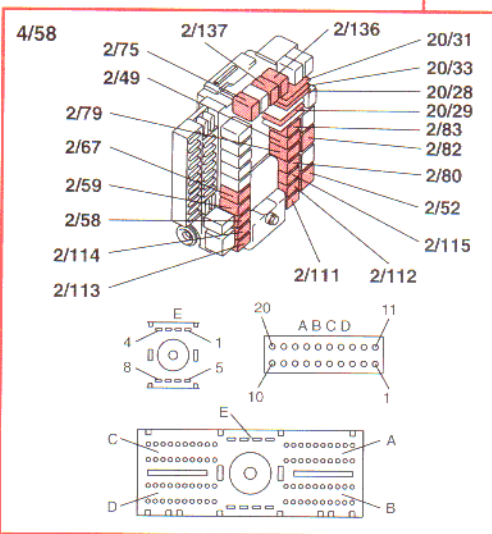
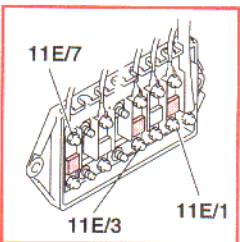
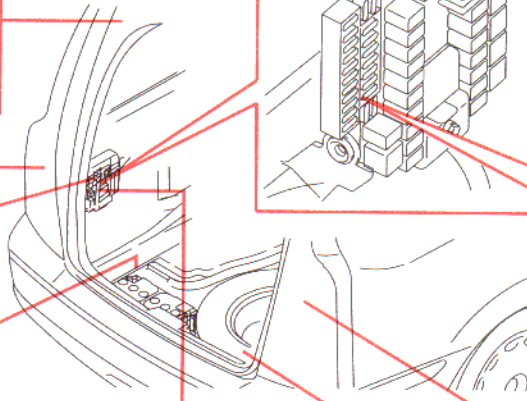
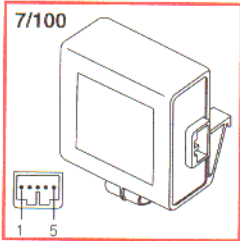
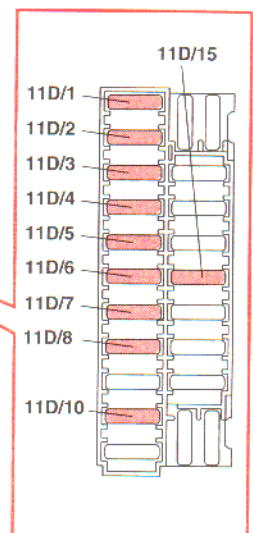
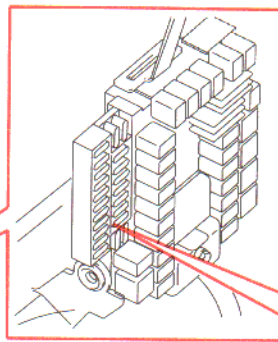
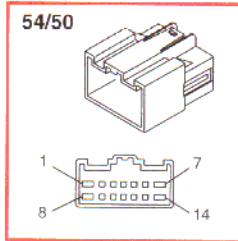
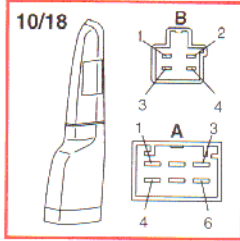


Electronic switching

Rear electronic module (REM) S80

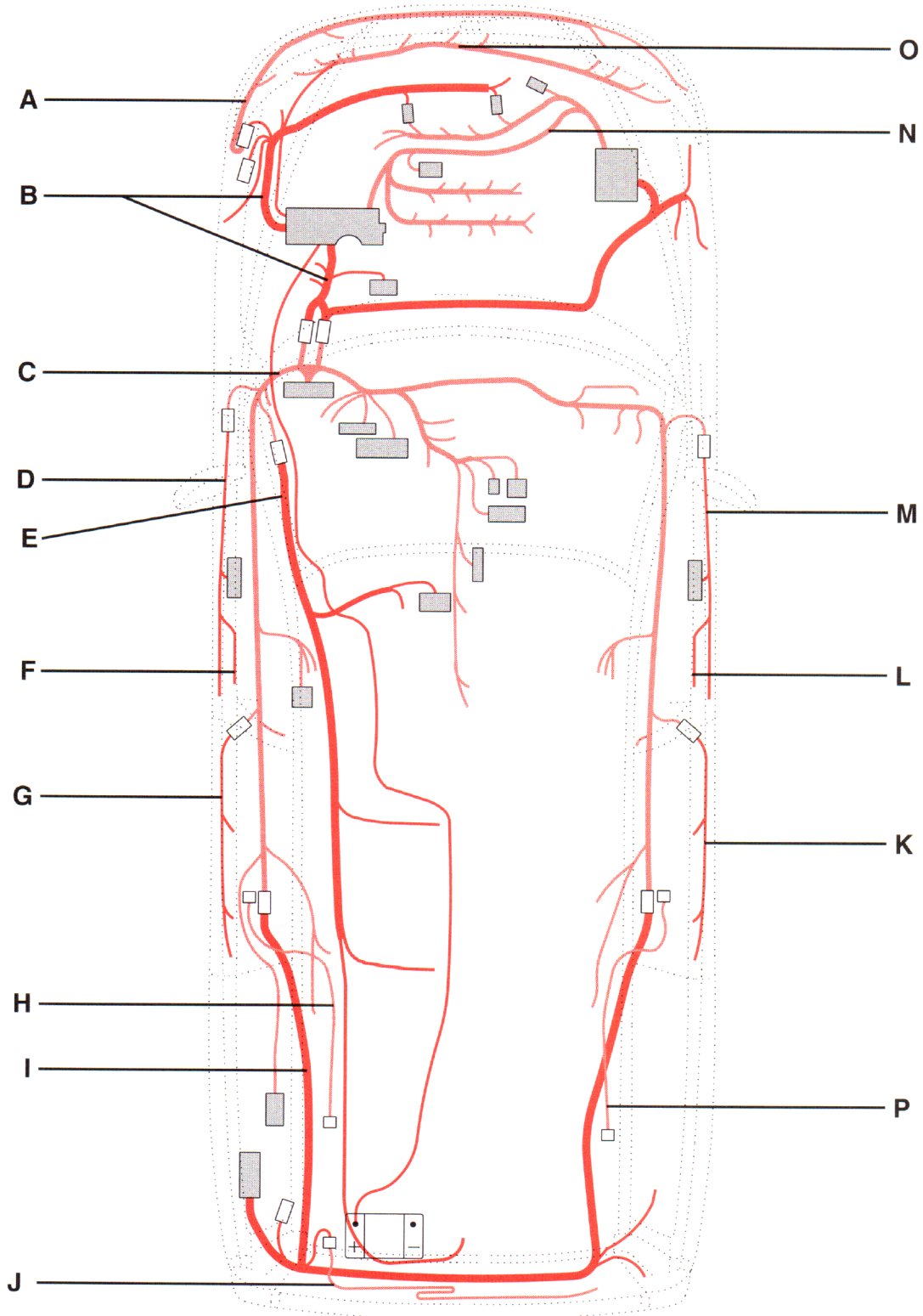


Electronic switching Rear electronic module (REM) V70

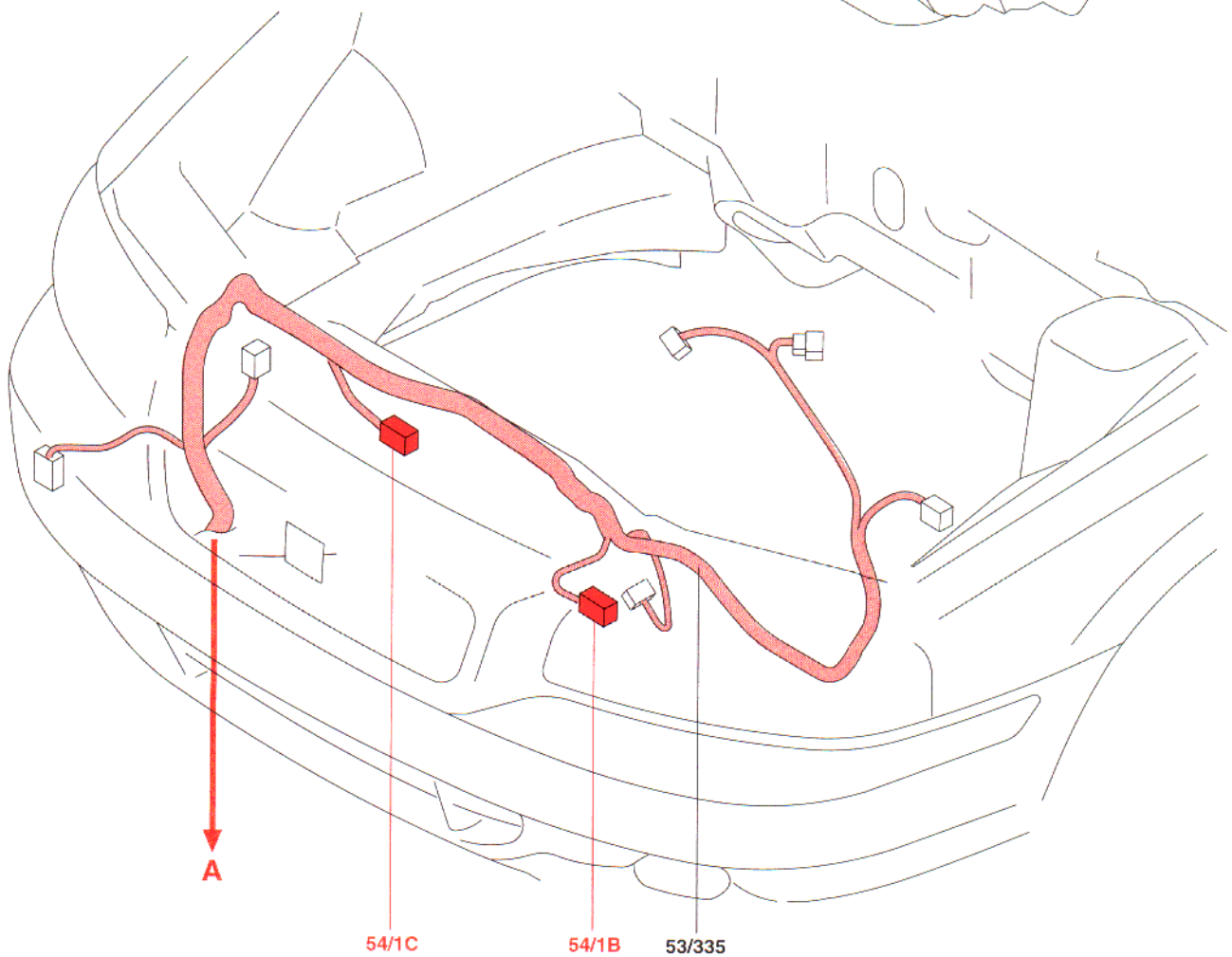
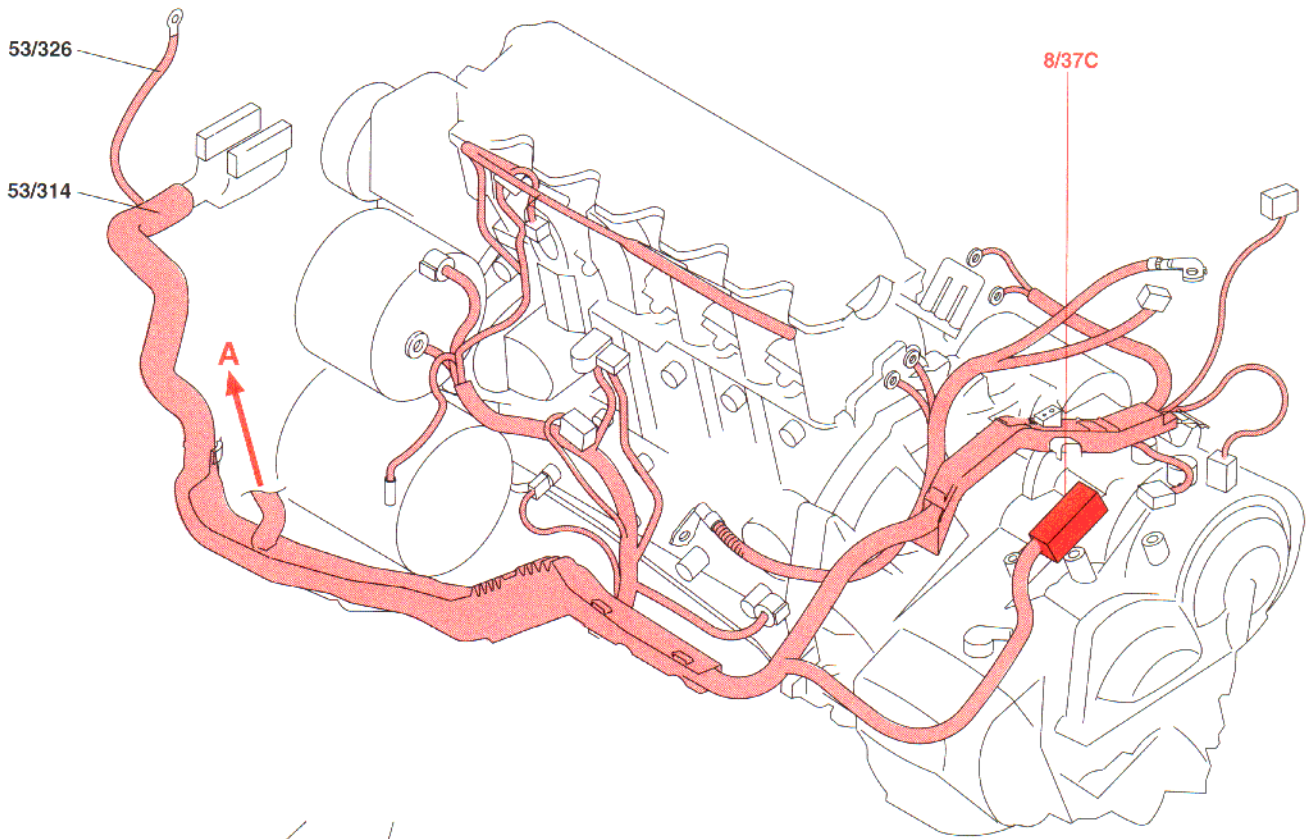


Cable harnesses - overview V70

- | | | | |
|---|-------------------------------------|---|--|
| A | Soft nose cable harness | I | Cargo compartment cable harness |
| B | Engine compartment cable harness | J | Tailgate cable harness |
| C | Passenger compartment cable harness | K | Right rear door cable harness |
| D | Left front door cable harness | L | Right door panel cable harness |
| E | Roof cable harness | M | Right front door cable harness |
| F | Left door panel cable harness | N | Engine cable harness |
| G | Left rear door cable harness | O | Front cable harness |
| H | Inflatable curtain cable harness | P | Right inflatable curtain cable harness |

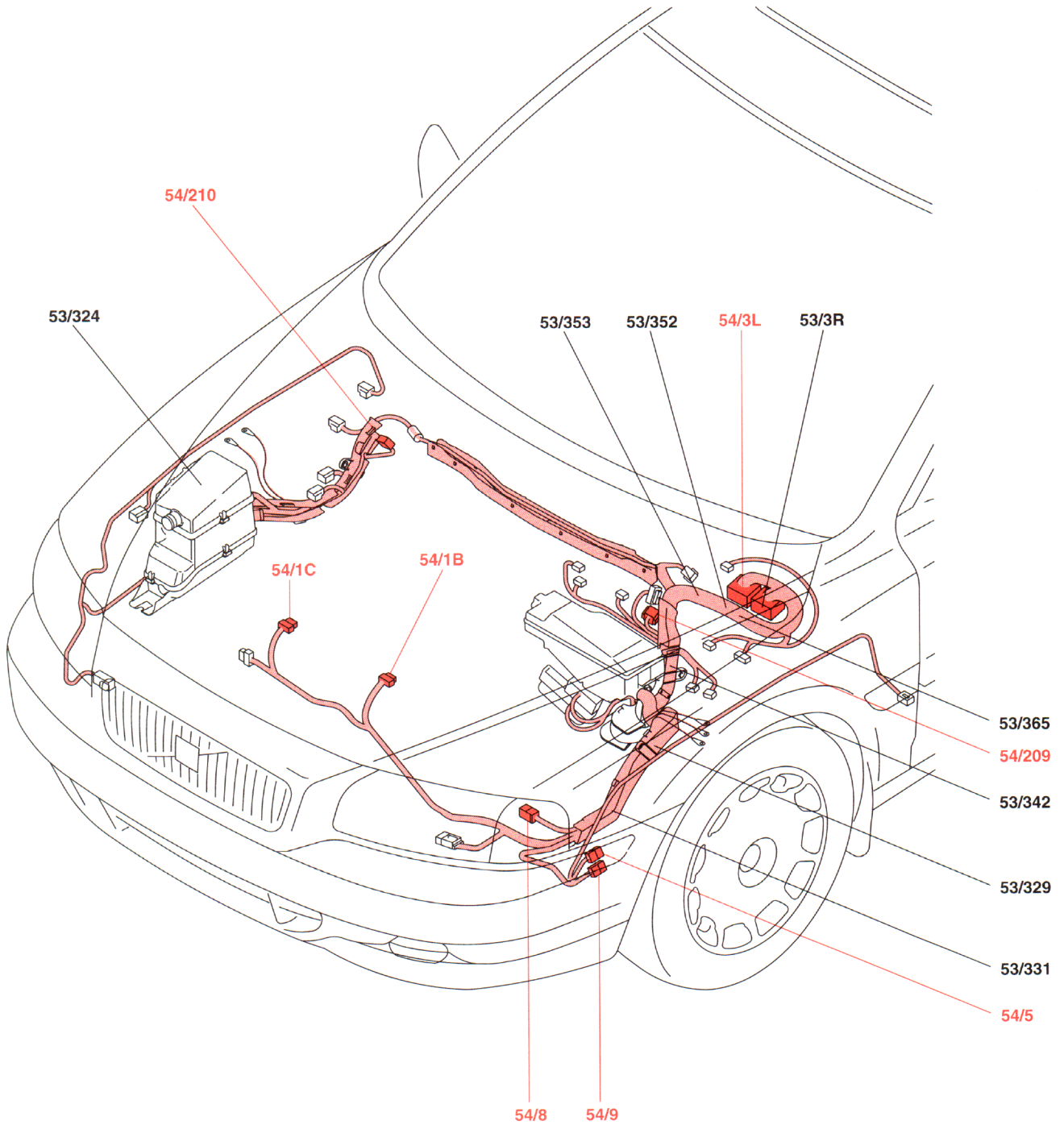


Engine cable harness (MSA 15.8)

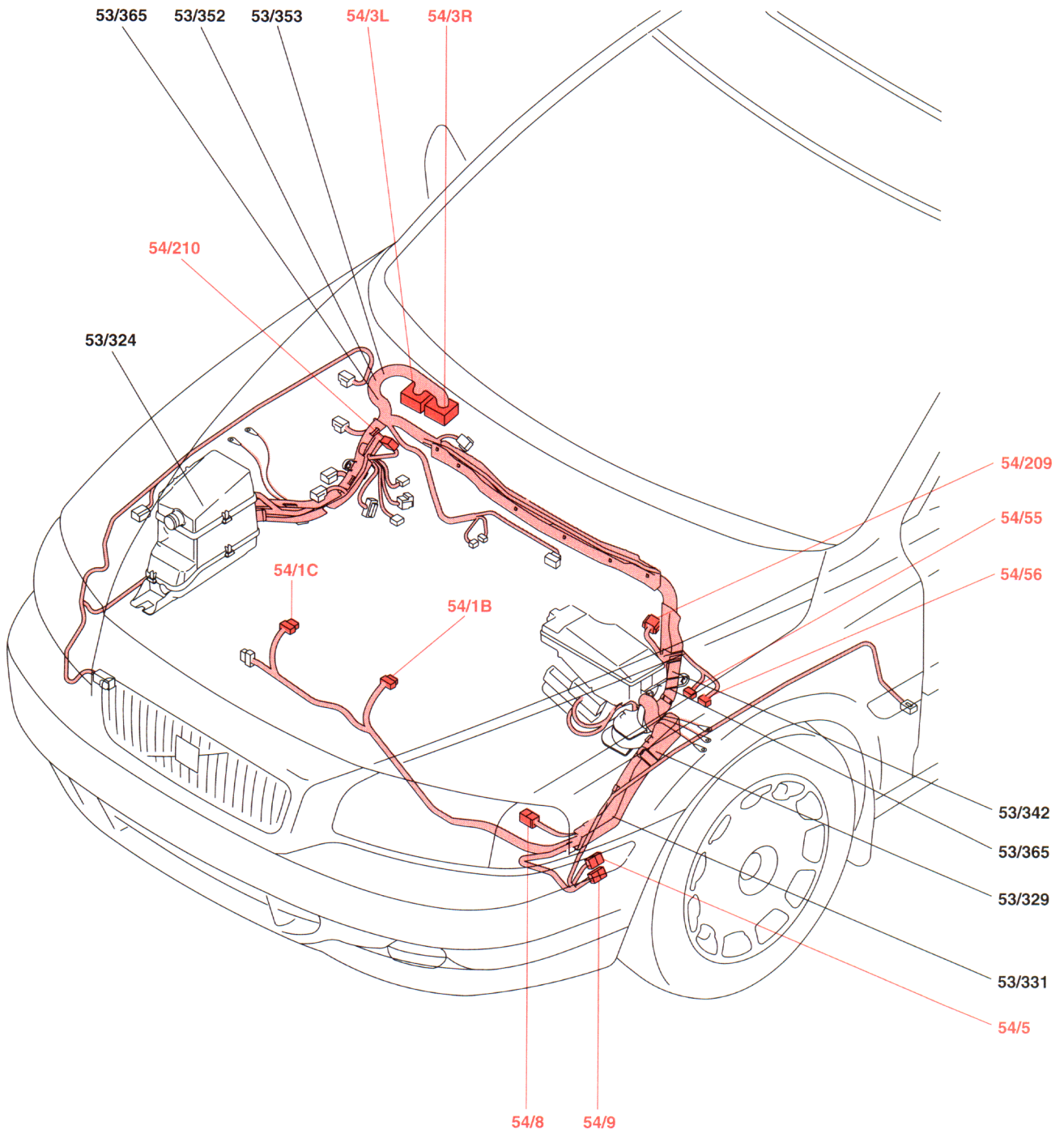


Cable harness routing in vehicle S80/V70

Engine compartment cable harness (LHD)

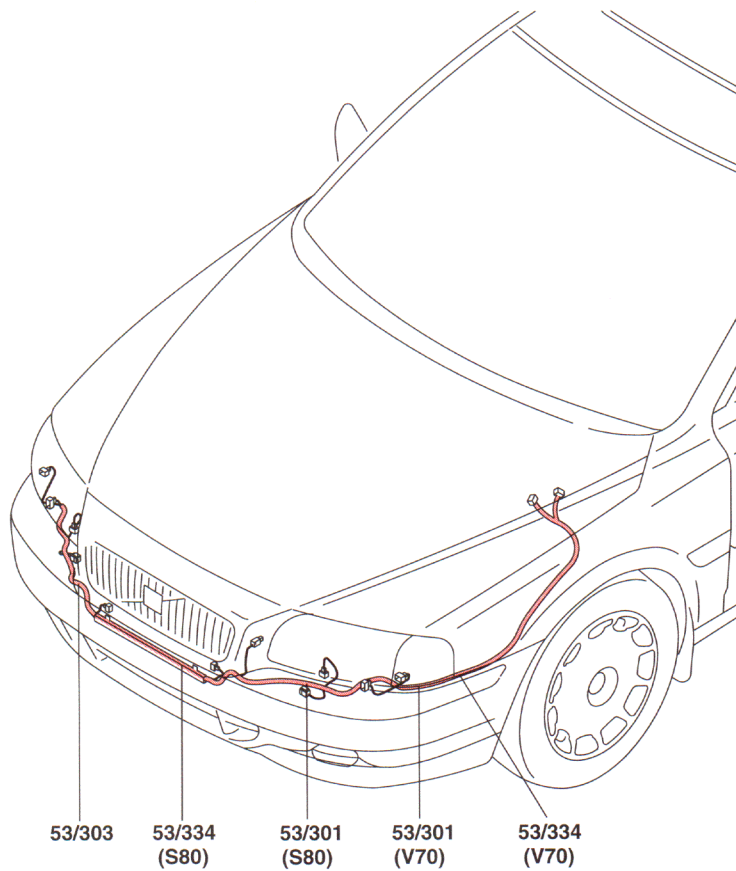


Engine compartment cable harness (RHD)

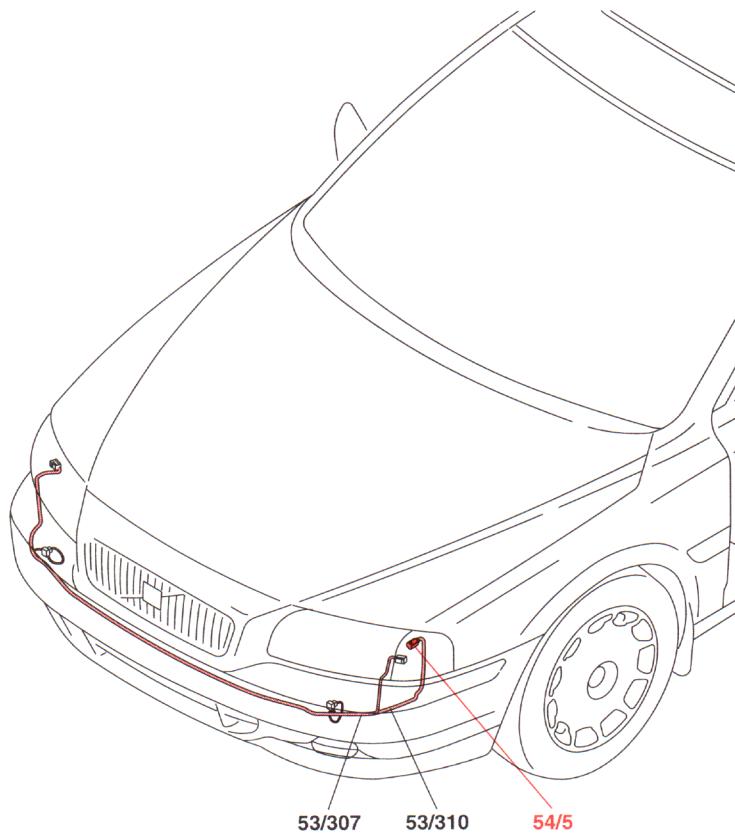


Cable harness routing in vehicle S80/V70

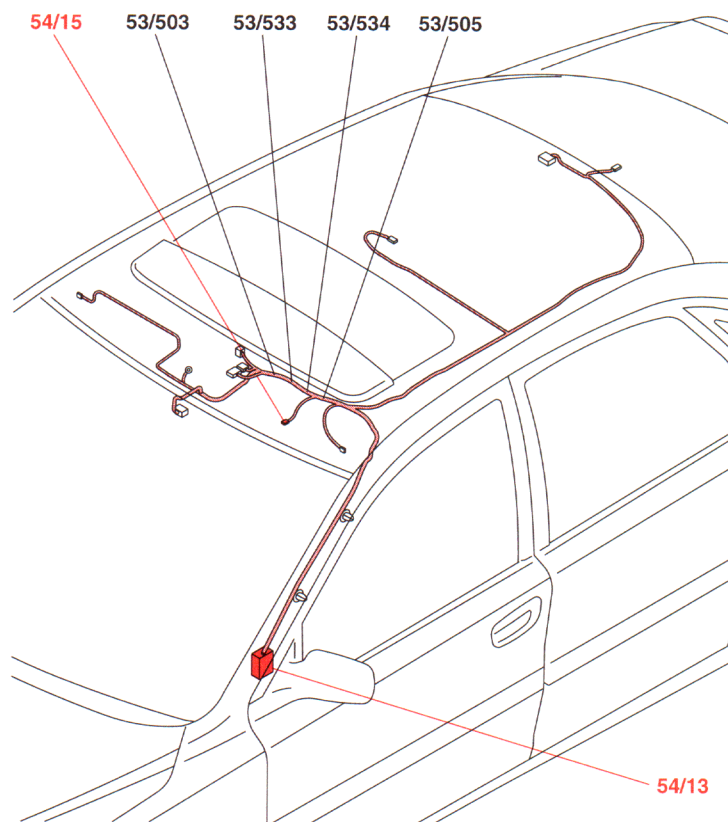
Front cable harness



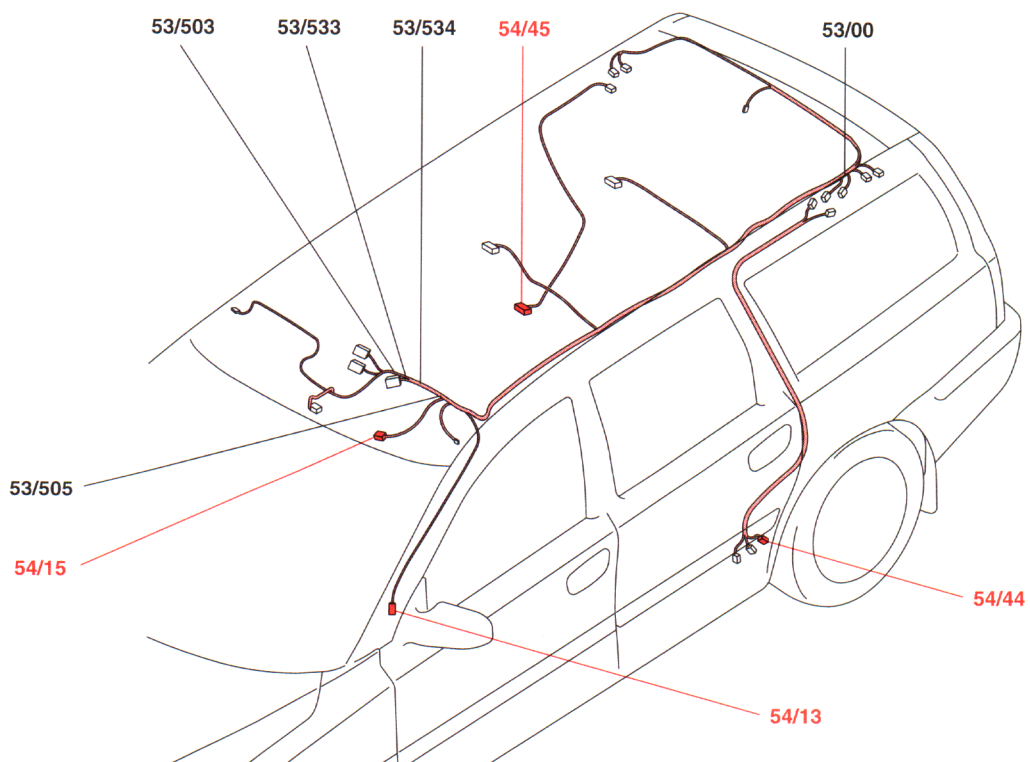
Soft nose cable harness



Roof cable harness S80

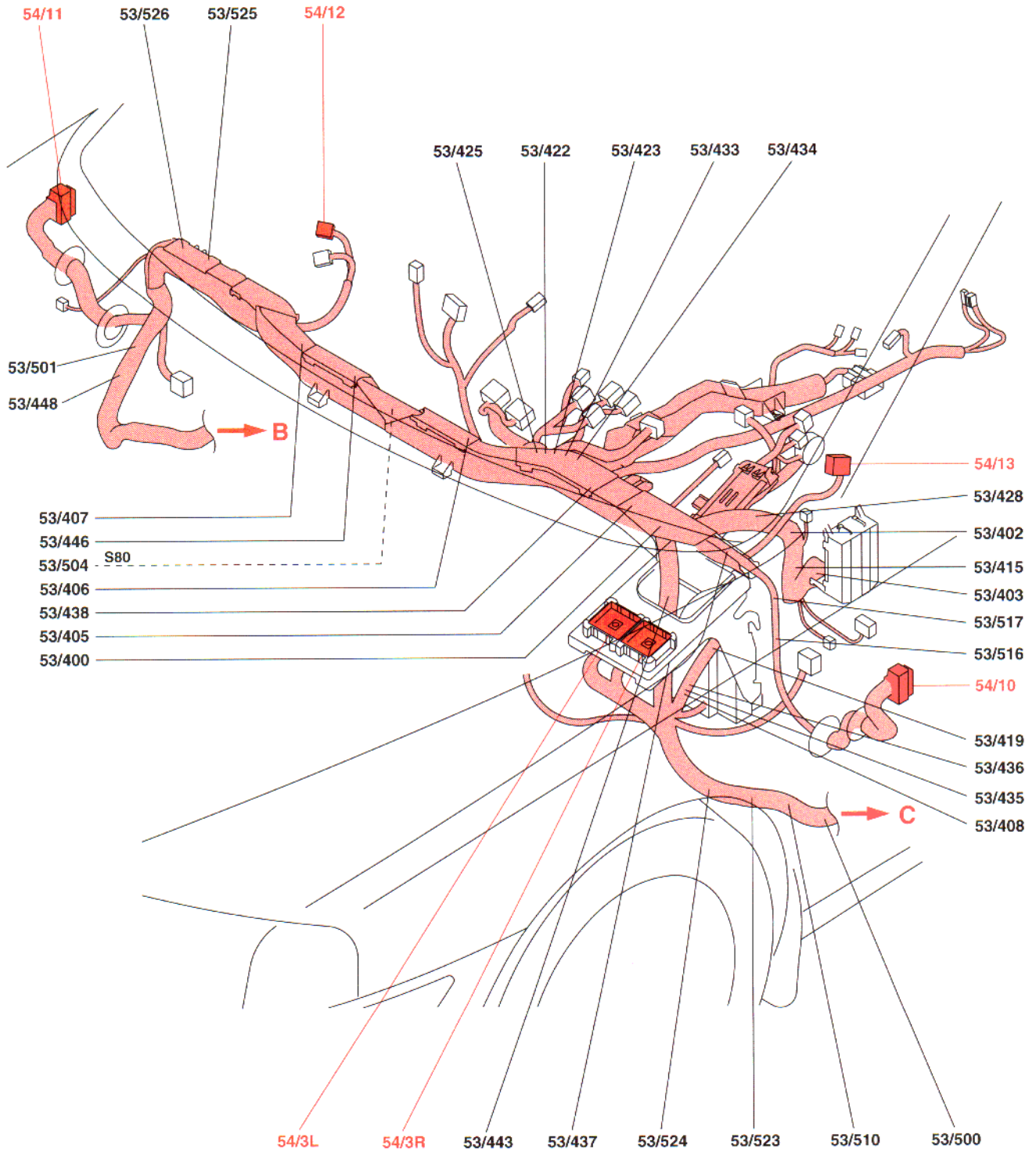


Roof cable harness V70
Inflatable curtain



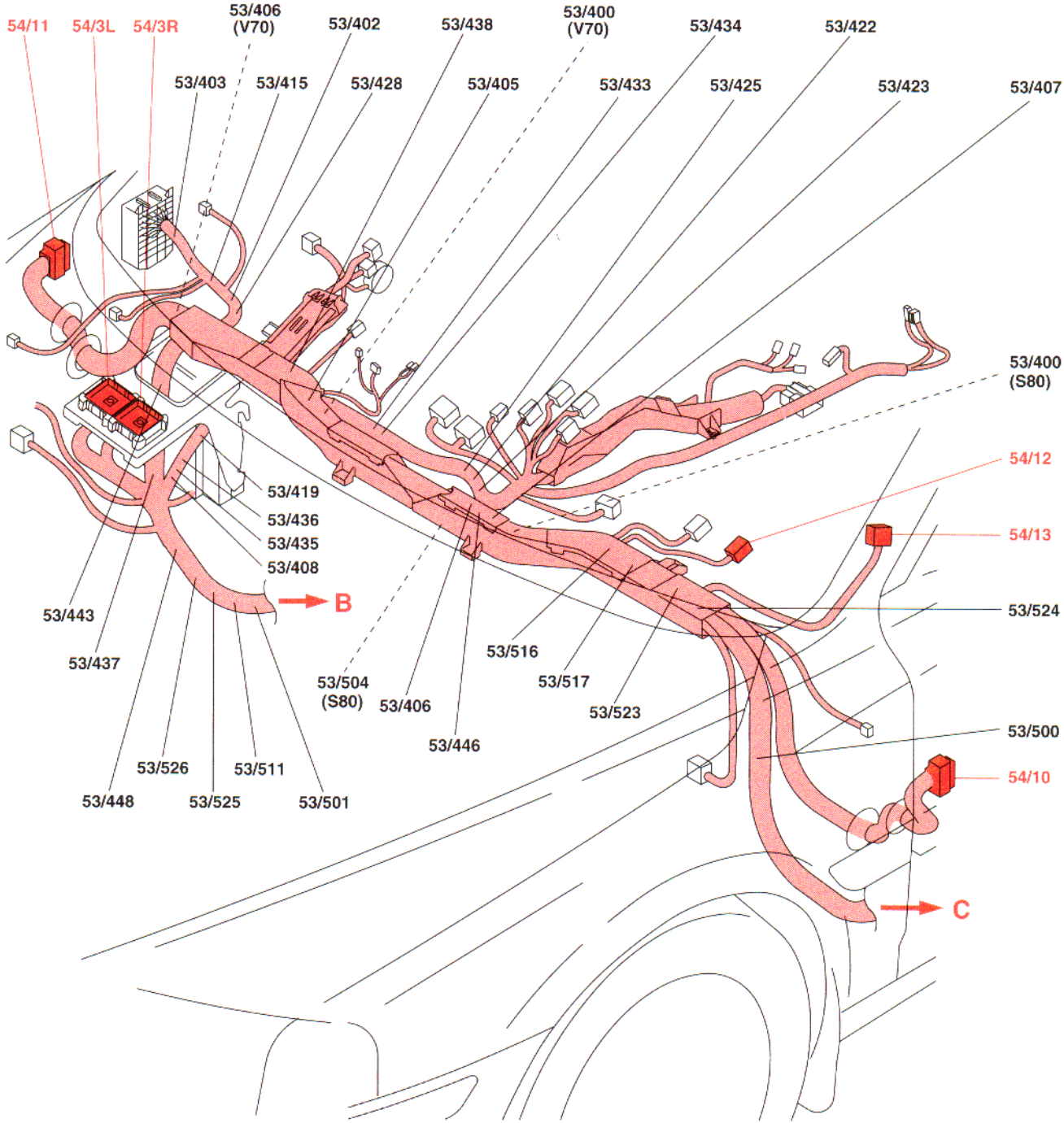
Cable harness routing in vehicle S80/V70

Passenger compartment cable harness, front portion (LHD)



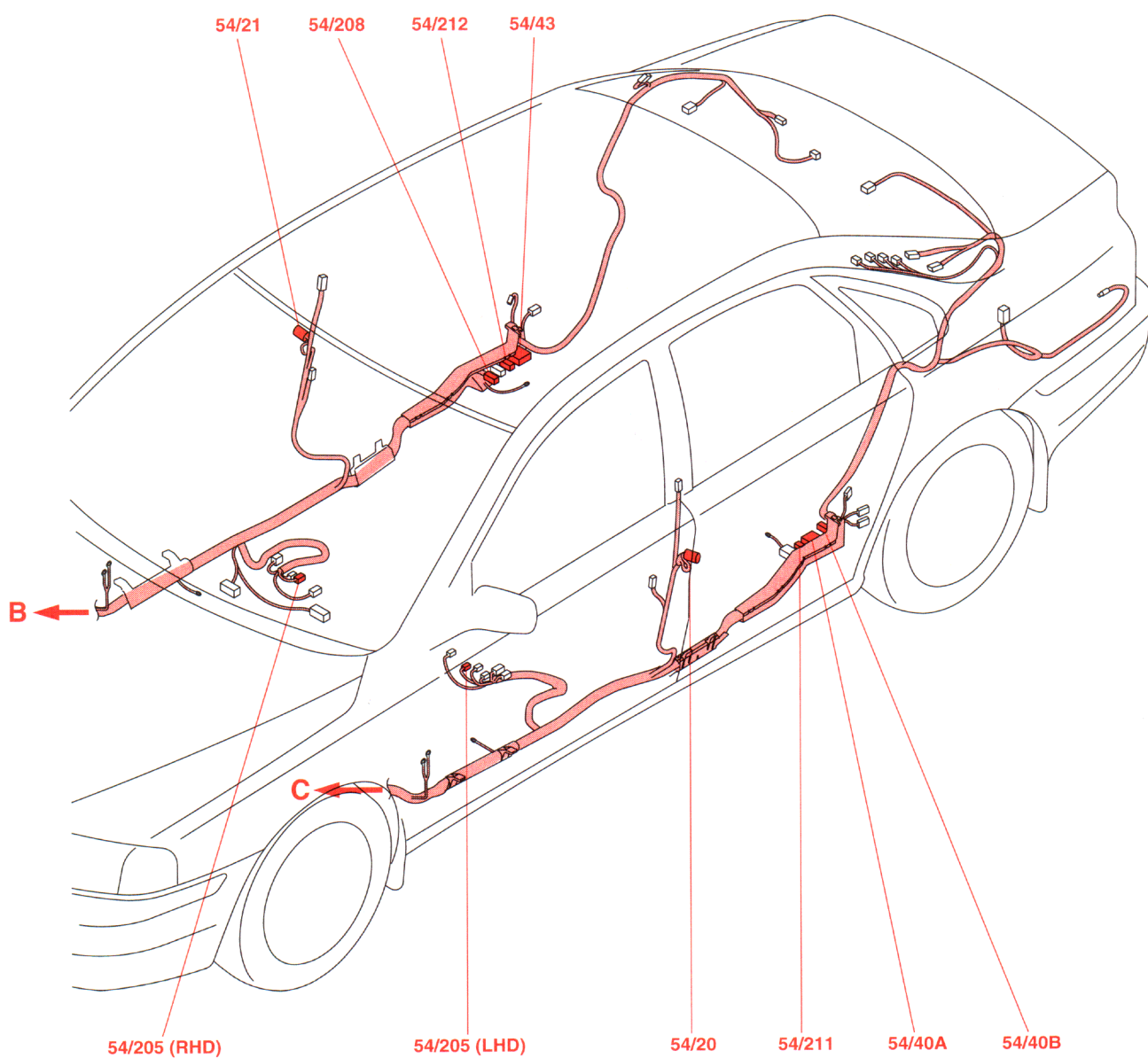
Cable harness routing in vehicle
S80/V70

Passenger compartment cable harness, front portion (RHD)

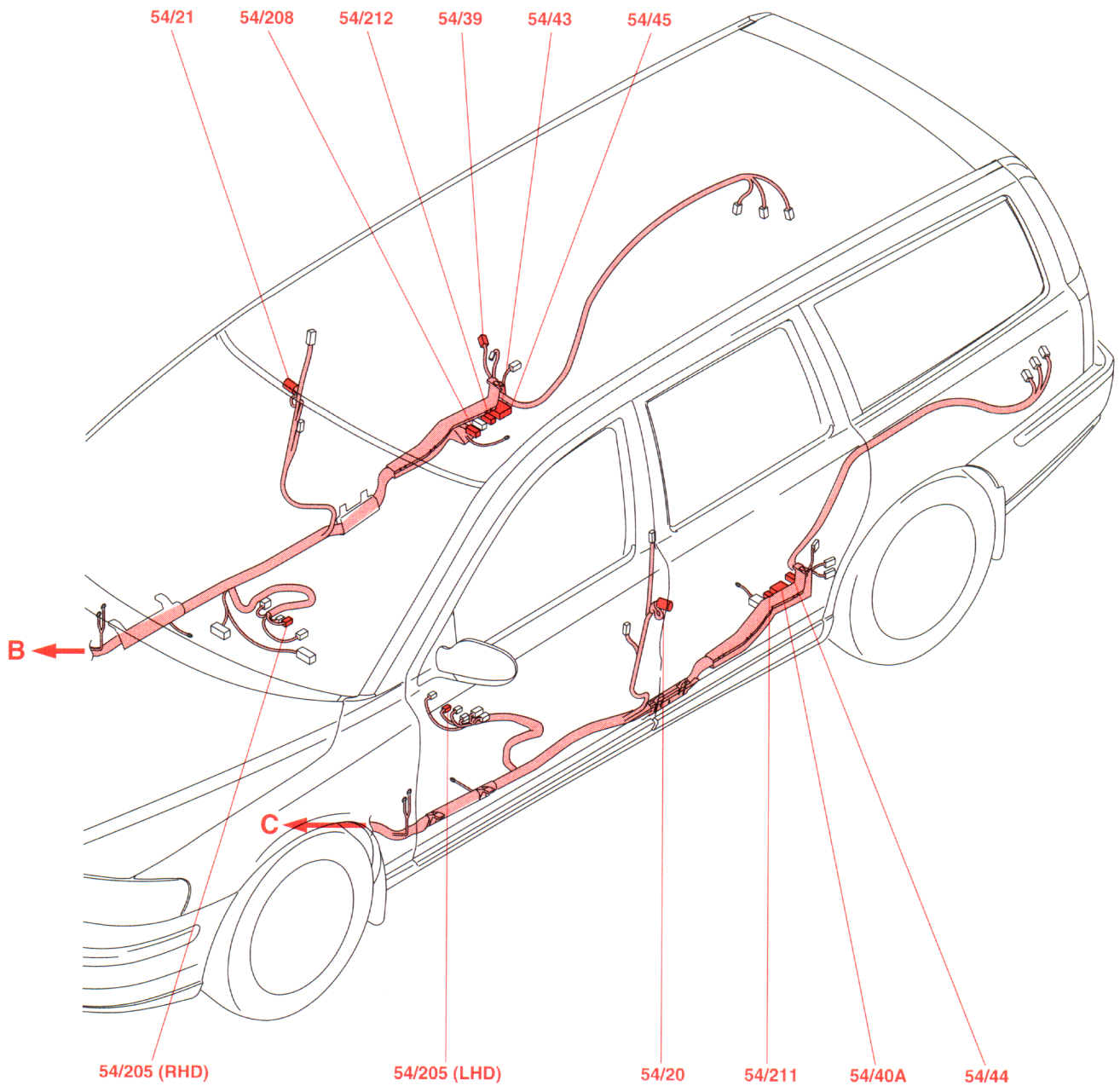


Cable harness routing in vehicle S80

Passenger compartment cable harness (rear portion)

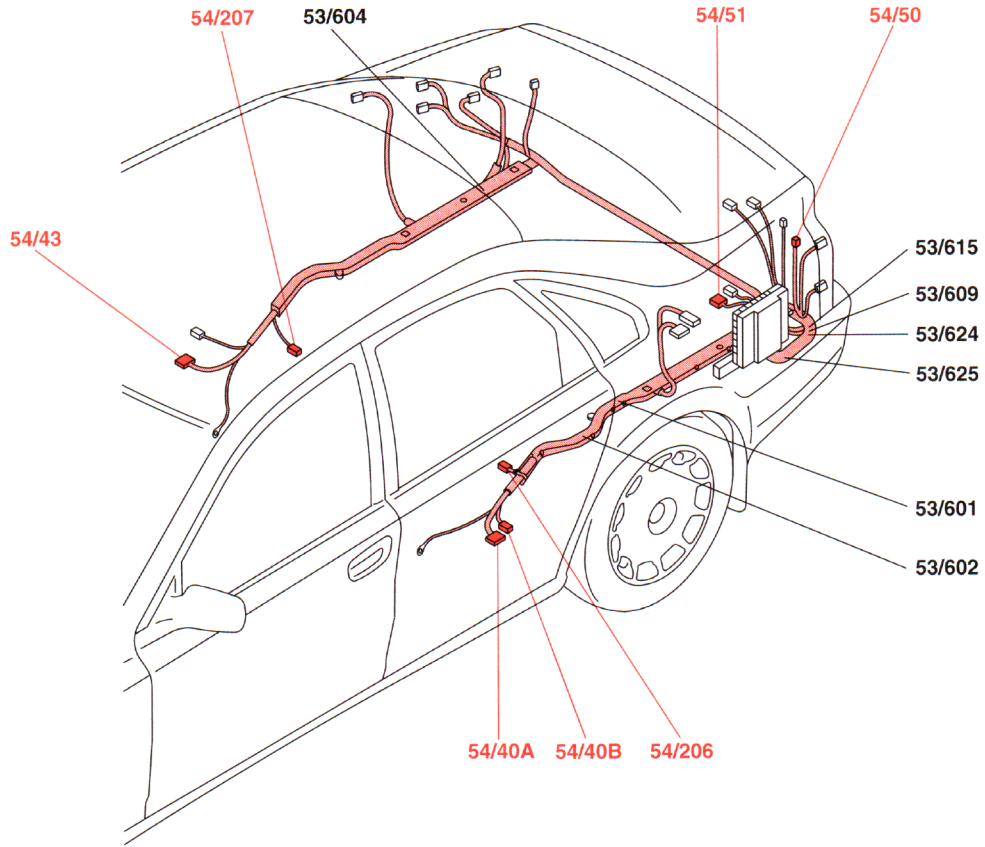


Passenger compartment cable harness (rear portion)

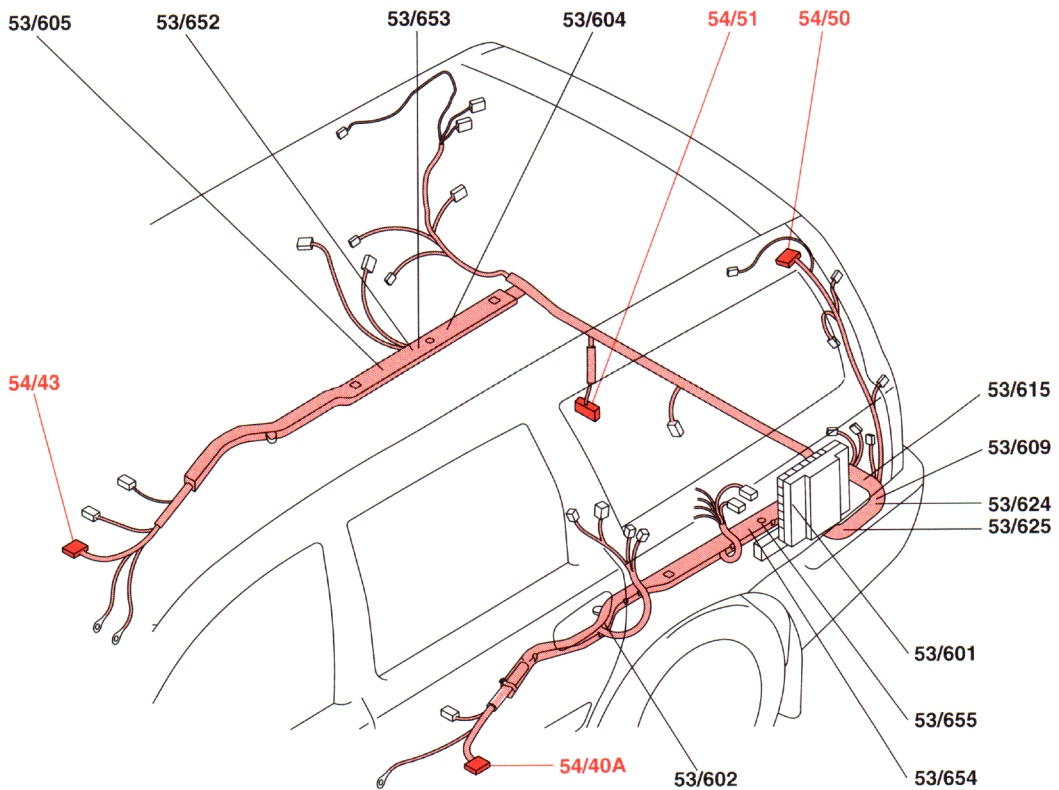


Cable harness routing in vehicle S80/V70

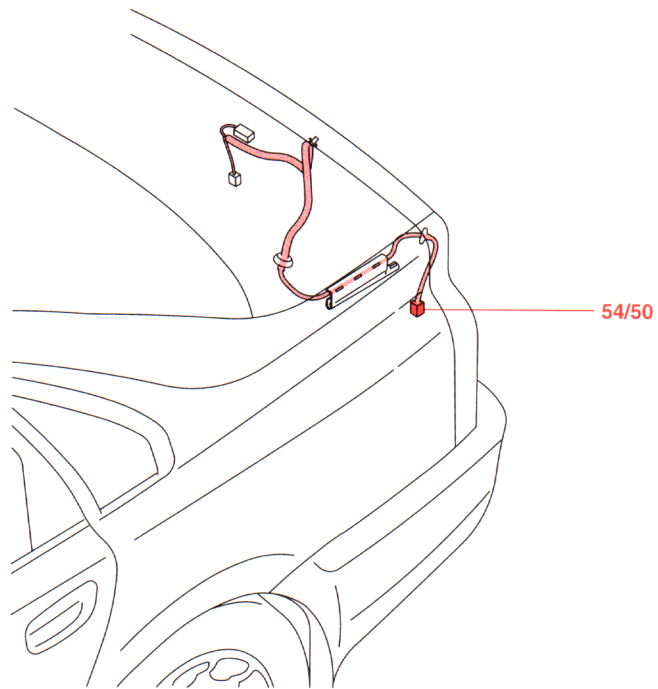
Cargo compartment cable harness S80



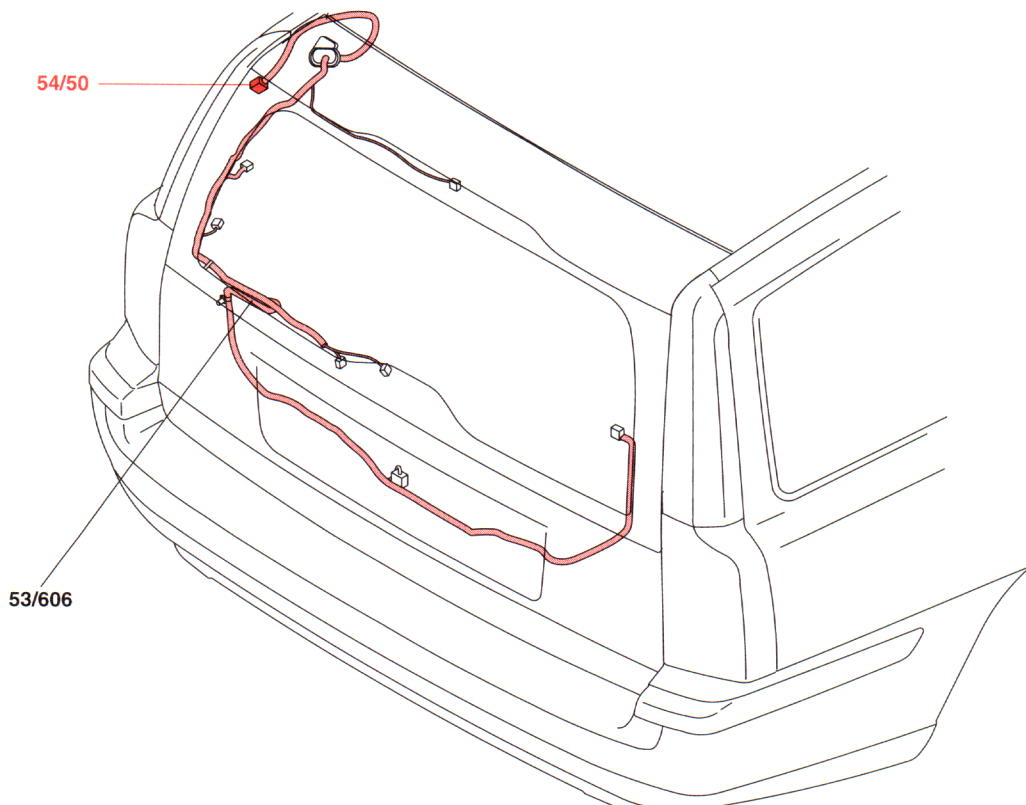
Cargo compartment cable harness V70



Tailgate cable harness S80

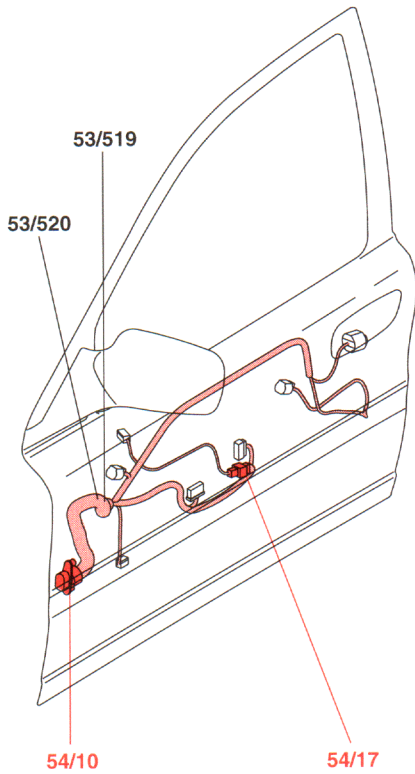


Tailgate cable harness V70

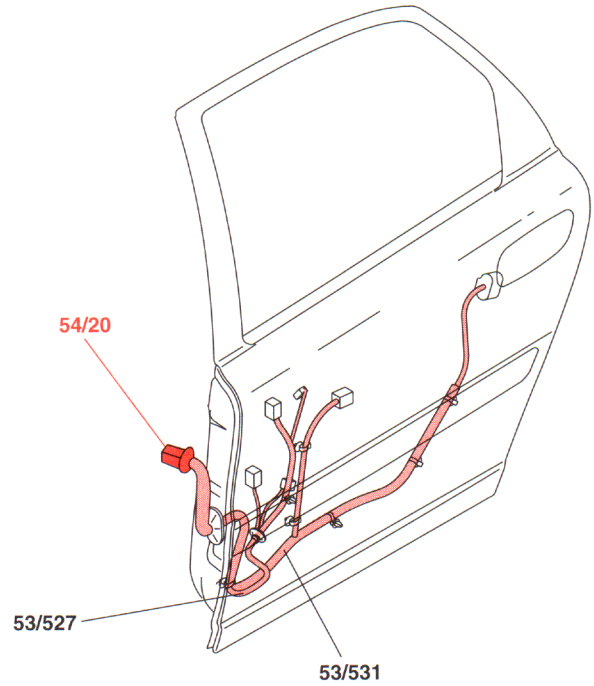


Cable harness routing in vehicle S80

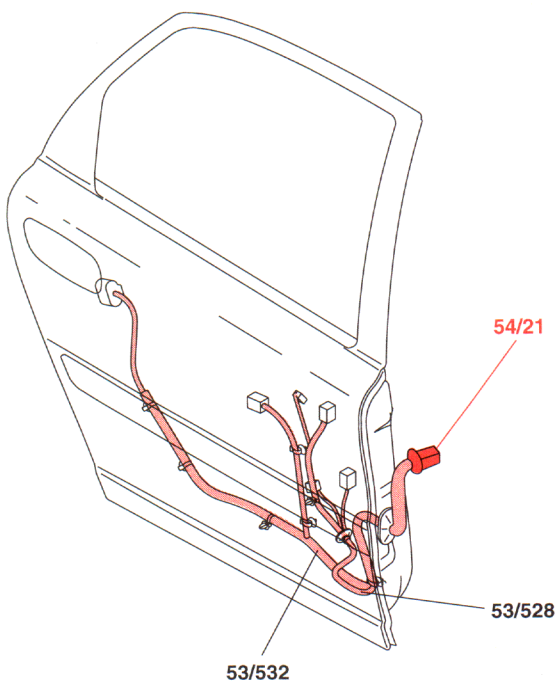
Left front door cable harness
Left door panel cable harness



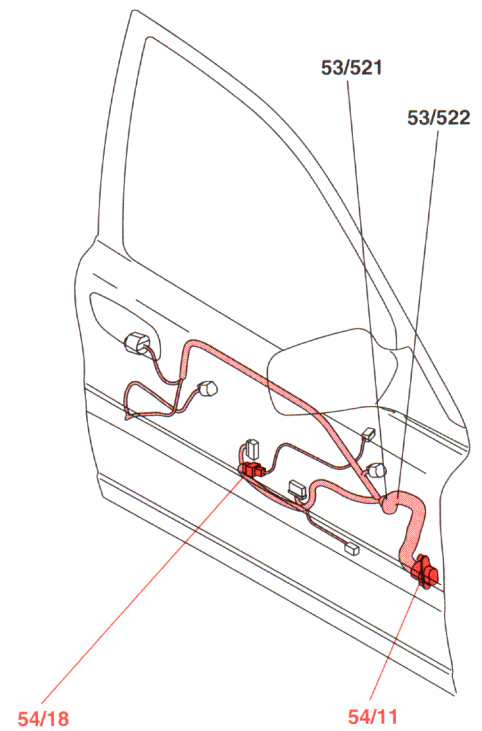
Left rear door cable harness



Right rear door cable harness

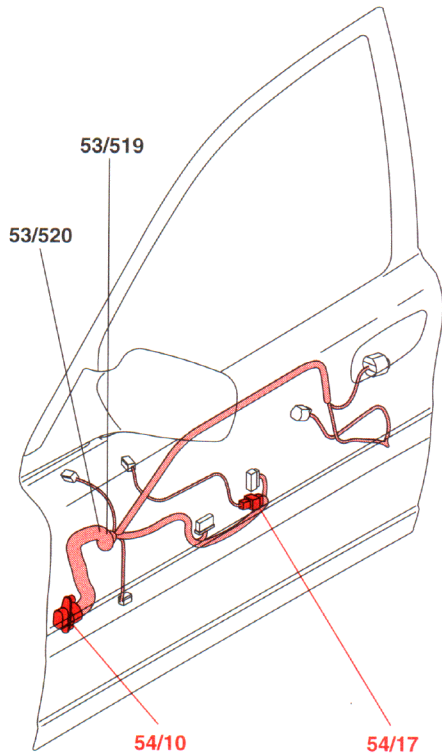


Right front door cable harness
Right door panel cable harness

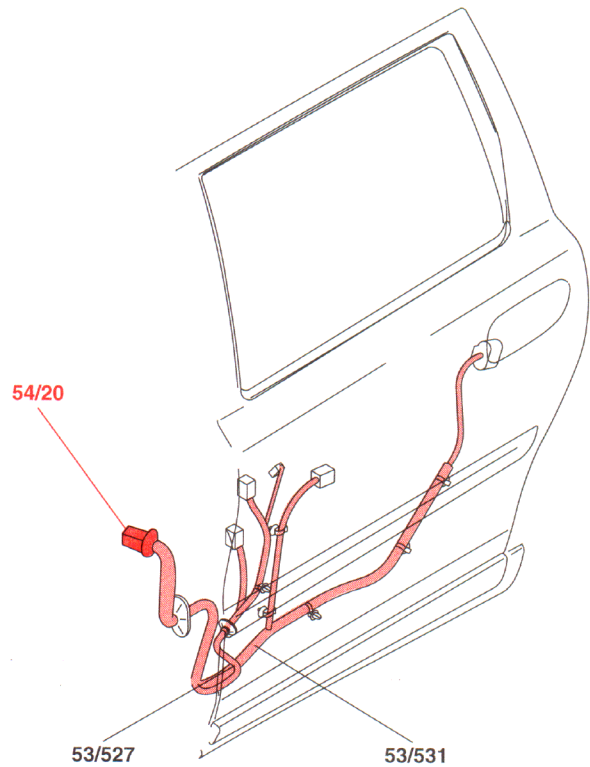


Cable harness routing in vehicle V70

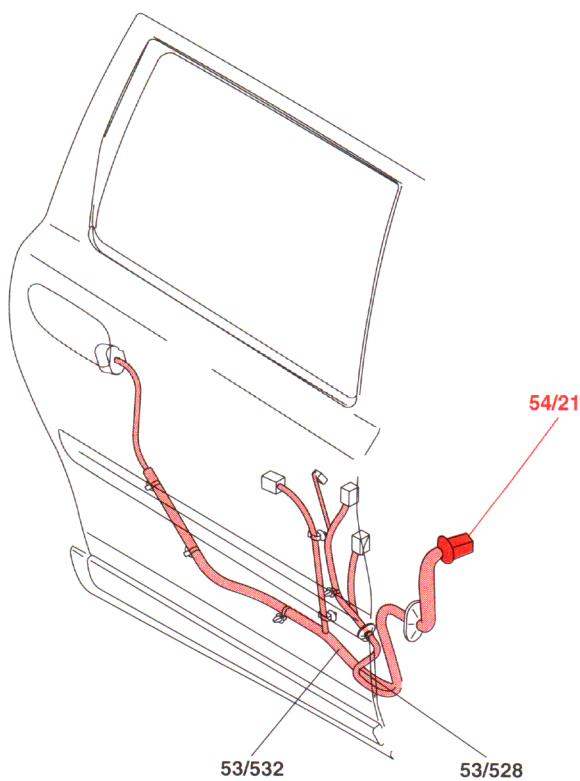
Left front door cable harness
Left door panel cable harness



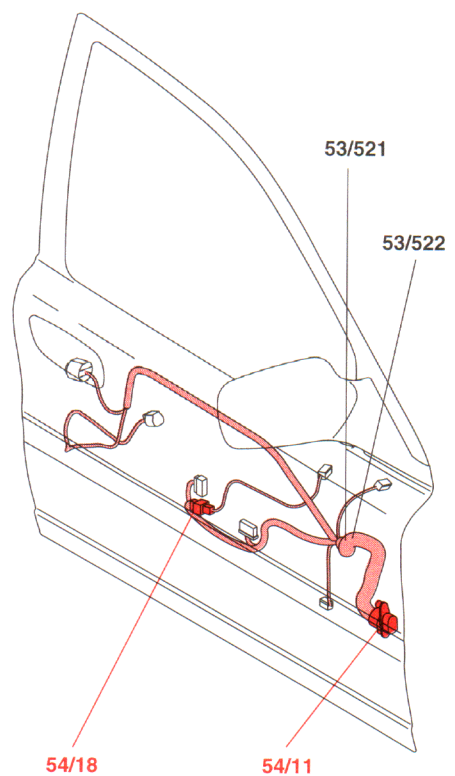
Left rear door cable harness

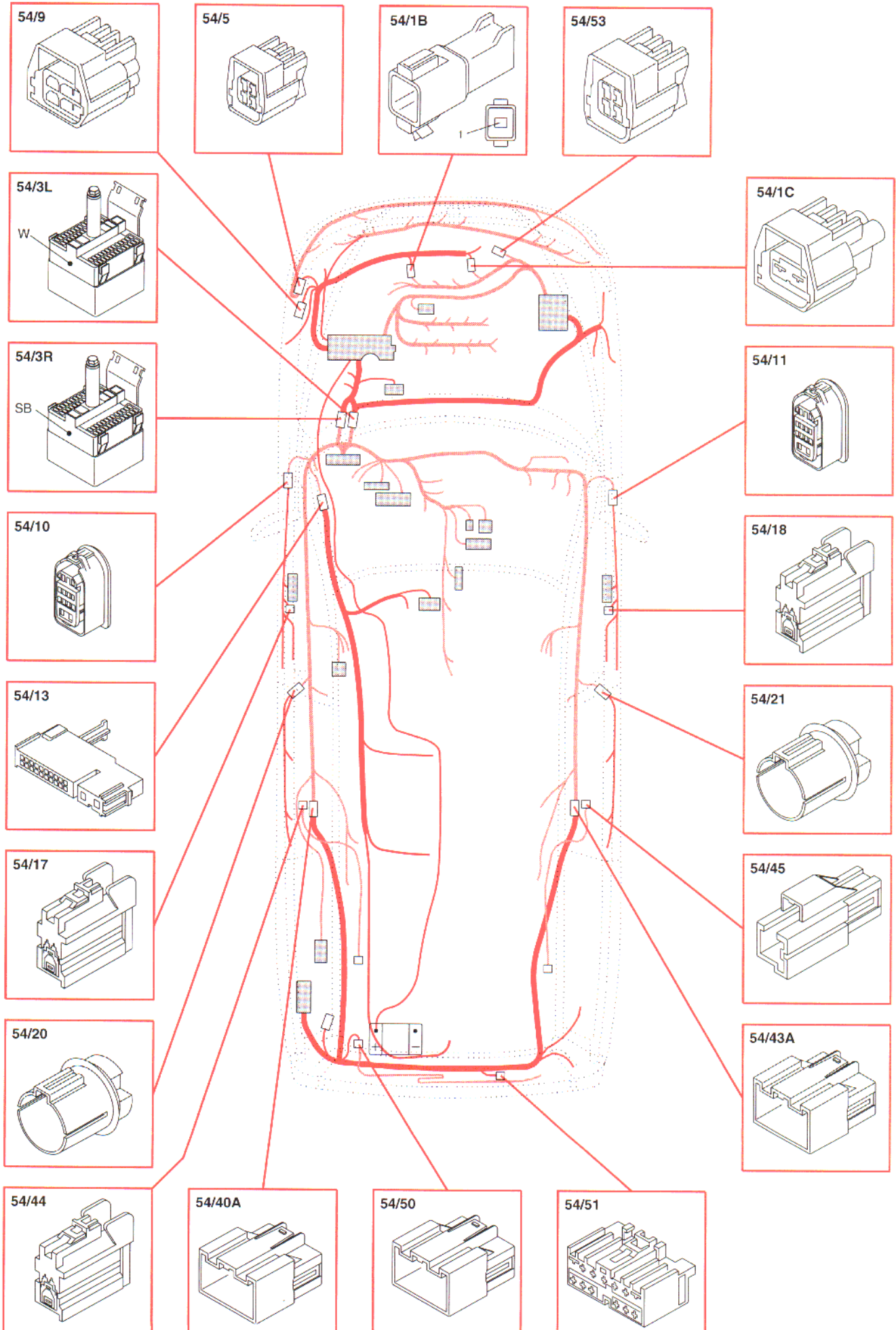


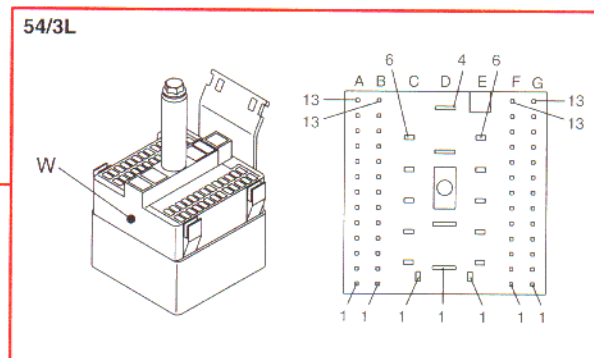
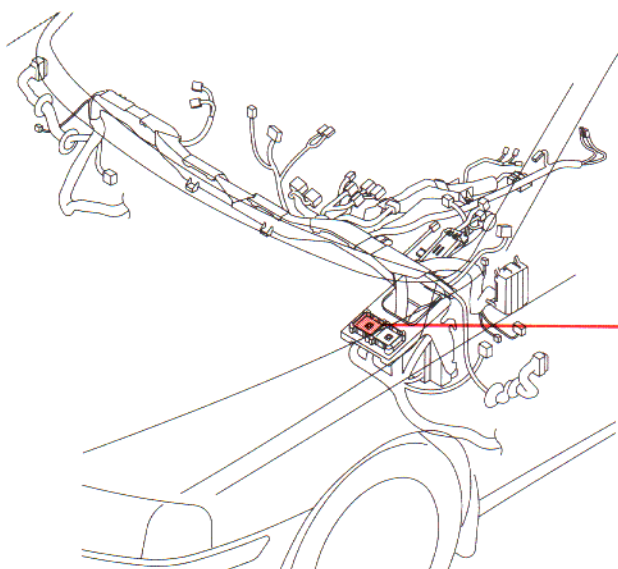
Right rear door cable harness



Right front door cable harness
Right door panel cable harness







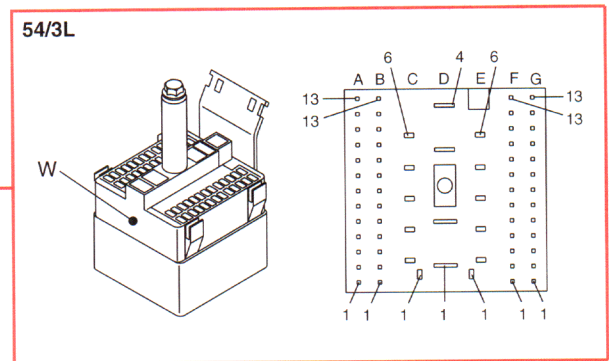
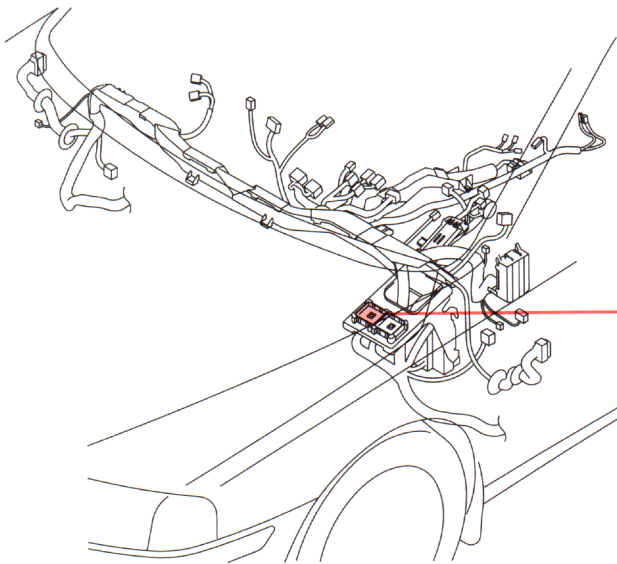
54/3LA White, 13 pin
Passenger compartment cable harness - Engine compartment cable harness

Pos	Female side	Male side	Color
1	Yaw angle speed sensor 7/148:1	ABS control module 4/16:14	W-VO
2	Yaw angle speed sensor 7/148:2	ABS control module 4/16:30	BN-GR
3	Yaw angle speed sensor 7/148:3	ABS control module 4/16:45	GR-R
4-6	-	-	-
7	Central electronic module (CEM) 4/56A:19	Horn relay 2/17:2	Y
8	Central electronic module (CEM) 4/56A:3	Starter motor relay 2/35:2	BN-W
9	-	-	-
10	Central electronic module (CEM) (V70) 4/56A:17	Rear washer motor relay 2/93:4	W
11	Central electronic module (CEM) 4/56A:16	Washer motor relay 2/92:2	BL
12	Central electronic module (CEM) 4/56A:14	Low/high speed windshield wiper relay 2/90:2	Y
13	Central electronic module (CEM) 4/56A:13	Intermittent windshield wiper relay 2/91:2	GR

54/3LB White, 13 pin
Passenger compartment cable harness - Engine compartment cable harness

Pos	Female side	Male side	Color
1-2	-	-	-
3	Lateral accelerometer (DSTC) 7/128:3	ABS control module (DSTC) 4/16:25	GR
4	Lateral accelerometer (DSTC) 7/128:2	ABS control module (DSTC) 4/16:9	BN
5	Lateral accelerometer (DSTC) 7/128:1	ABS control module (DSTC) 4/16:40	P-W
6	Yaw angle speed sensor (DSTC) 7/127:3	ABS control module (DSTC) 4/16:27	GR-SB
7	Yaw angle speed sensor (DSTC) 7/127:2	ABS control module (DSTC) 4/16:11	BN-SB
8	Yaw angle speed sensor (DSTC) 7/127:1	ABS control module (DSTC) 4/16:42	W-SB
9	ABS sensor, right rear 7/57:1	ABS control module 4/16:22 (DSTC 4/16:6)	BN-W
10	ABS sensor, right rear 7/57:2	ABS control module 4/16:23 (DSTC 4/16:7)	Y-W
11	ABS sensor, left rear 7/56:1	ABS control module 4/16:6 (DSTC 4/16:36)	BN-OR
12	ABS sensor, left rear 7/56:2	ABS control module 4/16:5 (DSTC 4/16:37)	Y-VO
13	Fuse 11C/9:2	ABS control module 4/16:4 (DSTC 4/16:44)	BL

Connector 54/3L



54/3LC White, 6 pin Passenger compartment cable harness - Engine compartment cable harness

Pos	Female side	Male side	Color
1	Canister shut-off valve 8/44:1	Fuse 11B/5:2	GN-GR
2	High beam relay 2/63:3	Fuse 11B/18:2	R
3	Low beam relay 2/62:3	Fuse 11B/17:2	R-W
4	-	-	-
5	Extended X feed relay 2/101:1	Transmission control module (TCM) 4/28A:35	VO-W
6	Shunt, left turn signal CEM 20/32:2	LH side turn signal 10/15:2	GN

54/3LD White, 4 pin Passenger compartment cable harness - Engine compartment cable harness

Pos	Female side	Male side	Color
1	-	-	-
2	Junction point 53/402	Fuse 11A/3:2	R
3	Junction point 53/403	Fuse 11A/4:2	R
4	-	-	-

54/3LE White, 6 pin
Passenger compartment cable harness - Engine compartment cable harness

Pos	Female side	Male side	Color
1	-	-	-
2	Fuse 11C/11:2	RH headlight 10/2:4 (A)	BL
3	Fuse 11C/2:2	RH headlight 10/2:3 (A)	BL-W
4	Fuse 11C/1:2	LH headlight 10/1:3 (A)	BL-W
5	Fuse 11C/10:2	LH headlight 10/1:4 (A)	BL
6	Front fog light relay 2/34:1	Connector 54/5:1	P

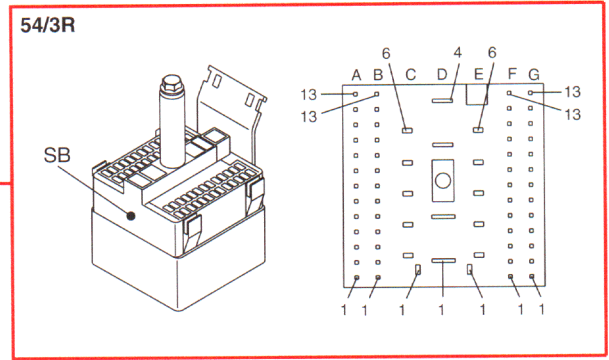
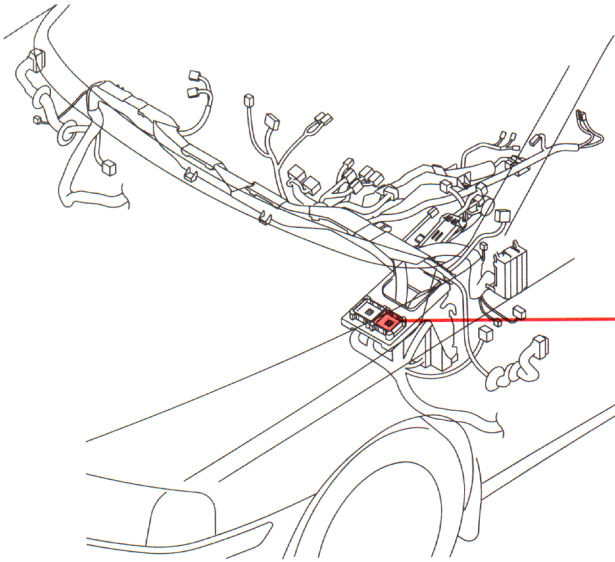
54/3LF White, 13 pin
Passenger compartment cable harness - Engine compartment cable harness

Pos	Female side	Male side	Color
1	-	-	-
2	Central electronic module (CEM) 4/56A:5	Generator 6/26B:1	R-W
3	Central electronic module (CEM) 4/56A:1	Reversing light contact 3/10:2	Y-GR
4	Central electronic module (CEM) 4/56D:9	Automatic transmission solenoids 8/37A:6 Transmission control module (TCM) 4/28A:44	Y
5-8	-	-	-
9	Combination instrument (DIM) 5/1:5	Brake fluid level sensor 7/4:1	Y-R
10	Fuse 11C/31:2	Connector 54/40A:8	GR
11	Fuse 11C/30:2	Connector 54/40A:1	W
12	Junction point 53/437	Connector 54/9:4	VO-W
13	Central electronic module (CEM) 4/56A:18 Light switch module (LSM) 3/111:3	Connector 54/9:6	GN-W

54/3LG White, 13 pin
Passenger compartment cable harness - Engine compartment cable harness

Pos	Female side	Male side	Color
1	Central electronic module (CEM) 4/56A:12	Speed-dependent stepper motor power steering 6/71:5	W-GR
2	Central electronic module (CEM) 4/56A:11	Speed-dependent stepper motor power steering 6/71:4	GN
3	Central electronic module (CEM) 4/56A:7	Speed-dependent stepper motor power steering 6/71:3	Y
4	Central electronic module (CEM) 4/56A:6	Speed-dependent stepper motor power steering 6/71:2	BN
5-7	-	-	-
8	Central electronic module (CEM) 4/56C:6	Connector 54/8:2	BN-W
9	Central electronic module (CEM) 4/56A:4	Alarm contact, hood 3/62:1	Y
10	-	-	-
11	Central electronic module (CEM) 4/56A:9	LH beam length adjustment motor 6/38:2 RH beam length adjustment motor 6/39:2	GN-R
12	-	-	-
13	Fuse 11C/12:2	Junction point 53/334	VO

Connector 54/3R



54/3RB Black, 13 pin
Passenger compartment cable harness - Engine compartment cable harness

Pos	Female side	Male side	Color
1	Central electronic module (CEM) 4/56B:18	Junction point 53/353	GN
2	Central electronic module (CEM) 4/56B:17	Junction point 53/352	W
3-11	-	-	-
12	Steering angle sensor control module (SAS) 4/68:6	Junction point 53/352	W
13	Steering angle sensor control module (SAS) 4/68:15	Junction point 53/353	GN

54/3RC Black, 6 pin
Passenger compartment cable harness - Engine compartment cable harness

Pos	Female side	Male side	Color
1-5	-	-	-
6	Right turn signal CEM 20/34:2	RH side turn signal 10/16:2	GN-W

54/3RD Black, 4 pin
Passenger compartment cable harness - Engine compartment cable harness

Pos	Female side	Male side	Color
1	-	-	-
2	Junction point 53/415	Fuse 11A/2:2	R
3-4	-	-	-

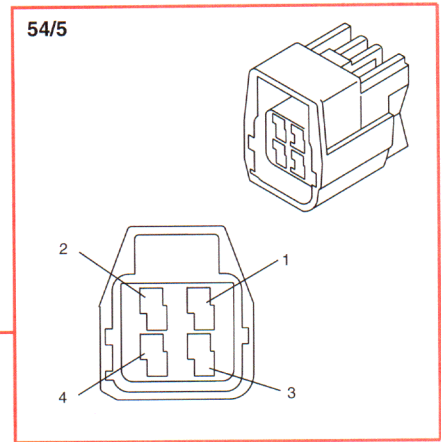
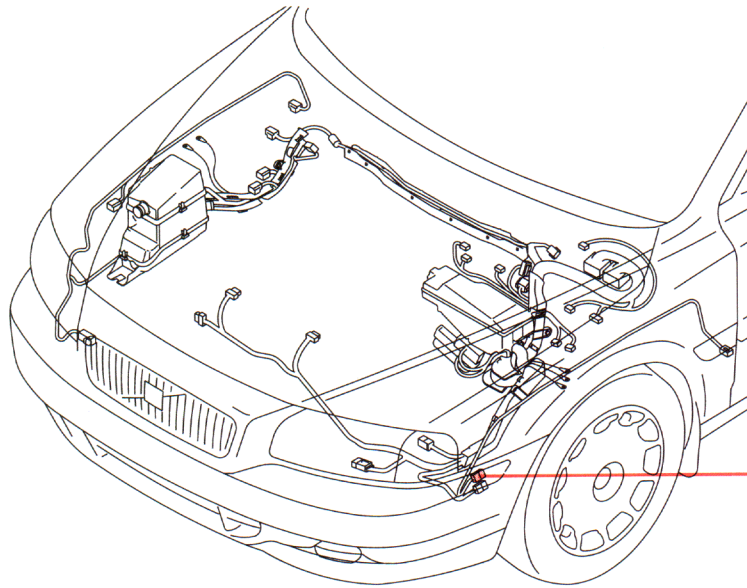
54/3RF Black, 13 pin
Passenger compartment cable harness - Engine compartment cable harness

Pos	Female side	Male side	Color
1-7	-	-	-
8	Fuse 11C/29:2	Alarm siren 16/35:1	R
9	Central electronic module (CEM) 4/56A:20 Ignition switch 3/1:7	Starter motor relay 2/32:1 Engine control module (ECM) 4/46B:23	GN-R
10	Gear shift module (GSM) 3/156A:2	Transmission control module (TCM) 4/28:B21	GN-SB
11	Central electronic module (CEM) 4/56B:15	Washer fluid level sensor 6/2:3	Y-GN
12	Central electronic module (CEM) 4/56B:16	Windshield wiper motor 6/1:3	BL-W
13	Connector 54/13:15	Alarm siren (SCM) 16/35:2	P

54/3RG Black, 13 pin
Passenger compartment cable harness - Engine compartment cable harness

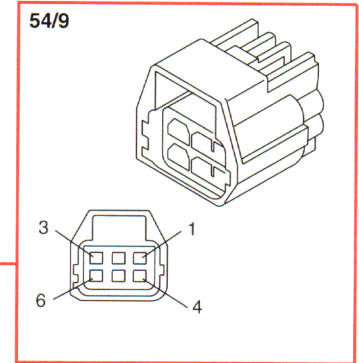
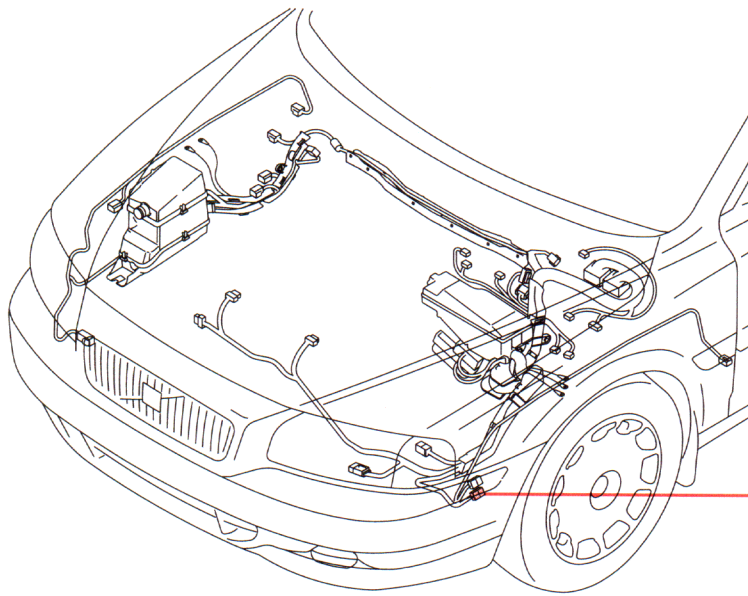
Pos	Female side	Male side	Color
1-2	-	-	-
3	Central electronic module (CEM) 4/56D:6 Data link connector 17/13:7	Engine control module (ECM) (MAN) 4/46B:22 Transmission control module (TCM) (AUTO) 4/28:22	W-SB
4	Connector 54/10:5	Engine control module (ECM) 4/46B:29	W-OR
5	Connector 54/10:6	Junction point 53/324	BN
6	Driver information module 5/1:4	Engine control module (ECM) 4/46B:46	GR
7	Junction point 53/443	Engine control module (ECM) 4/46B:37	BL-R
8	Central electronic module (CEM) 4/56B:4	Junction point 53/365	Y
9	Central electronic module (CEM) 4/56B:14	Engine control module (ECM) 4/46B:45	R-SB
10	Canister shut-off valve 8/44:2	Engine control module (ECM) 4/46B:40	GN
11	Tank pressure sensor 7/84:1	Junction point 53/324	BN
12	Tank pressure sensor 7/84:3	Engine control module (ECM) 4/46B:10	W-SB
13	Tank pressure sensor 7/84:2	Engine control module (ECM) 4/46B:31	GR-SB

Connector 54/5



54/5 **Dark gray, 4 pin**
Engine compartment cable harness - Soft nose cable harness

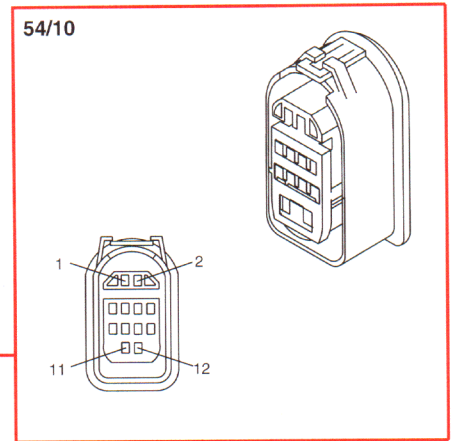
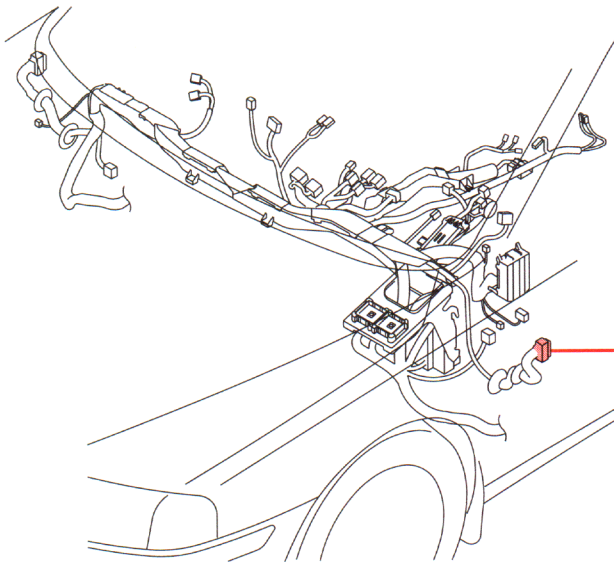
Pos	Female side	Male side	Color
1	Connector 54/3LE:6	Junction point 53/307	P
2	Connector 54/3LF:10	Side marker light, front right 10/73:1 (S80)	GR
3	Connector 54/3LF:11	Side marker light, front left 10/73:1 (S80)	W
4	Junction point 53/329	Junction point 53/310	SB



54/9 **Dark gray, 6 pin**
Engine compartment cable harness - Soft nose cable harness

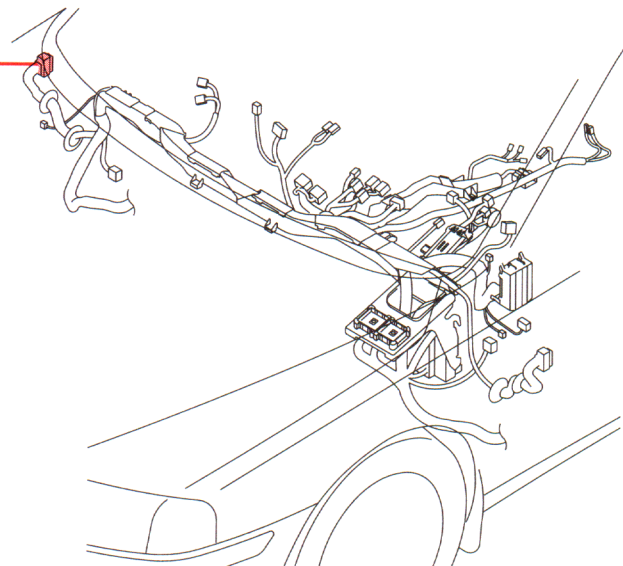
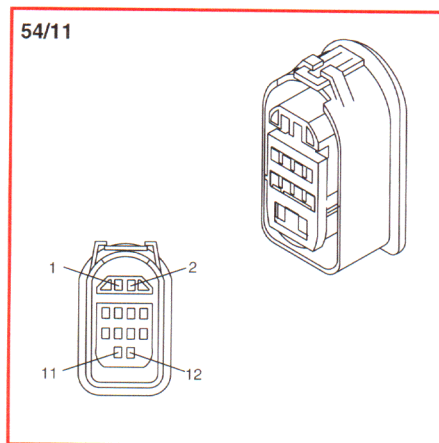
Pos	Female side	Male side	Color
1	Fuse 11B/9:2	Auxiliary heater control module 4/7:9	R
2	-	-	-
3	Junction point 53/331	Junction point 53/351	SB
4	Connector 54/3LF:12	Auxiliary heater control module 4/7:15	VO-W
5	-	-	-
6	Connector 54/3LF:13	Auxiliary heater control module 4/7:6	GN-W

Connector 54/10



54/10 Black, 12 pin Passenger compartment cable harness - Left front door cable harness

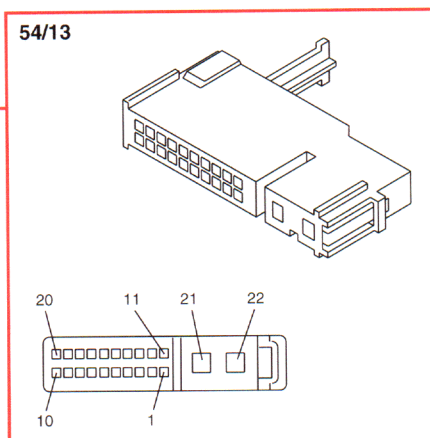
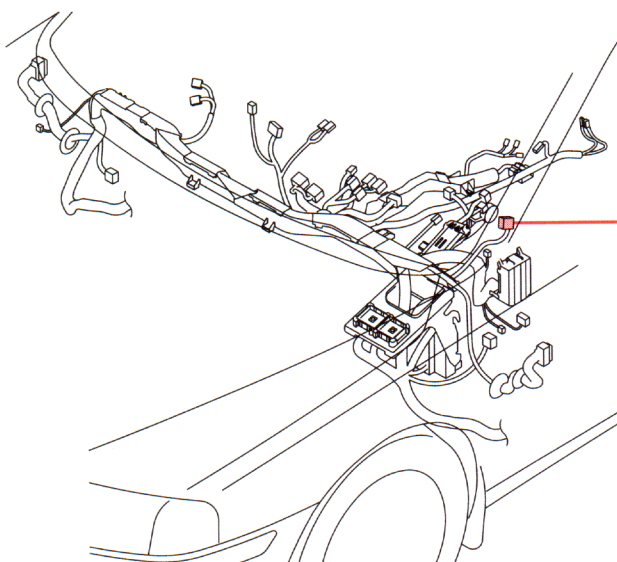
Pos	Female side	Male side	Color
1	Fuse 11C/35:2	Switch module, left front door (DDM/PDM) 3/126B:12	R
2	Fuse 11C/27:2	Switch module, left front door (DDM/PDM) 3/126B:7	R-W
3	Junction point 53/516	Switch module, left front door (DDM/PDM) 3/126A:2	W
4	Junction point 53/517	Switch module, left front door (DDM/PDM) 3/126A:3	GN
5	Connector 54/3RG:4	Power door mirrors 6/62:2	W
6	Connector 54/3RG:5	Power door mirrors 6/62:3	BN
7	-	-	-
8	Central electronic module (CEM) 4/56D:7	Lock unit, left front door 3/74:3	P
9	Radio or amplifier 16/1B:1 Connector 54/14:1	Junction point 53/519	GR-R
10	Radio or amplifier 16/1B:2 Connector 54/14:2	Junction point 53/520	GR
11	Junction point 53/500	Switch module, left front door (DDM/PDM) 3/126B:5	SB
12	Ground connection 31/66 Junction point 53/501 (RHD)	Switch module, left front door (DDM/PDM) 3/126B:9	BN



54/11 Black, 12 pin
Passenger compartment cable harness - Right front door cable harness

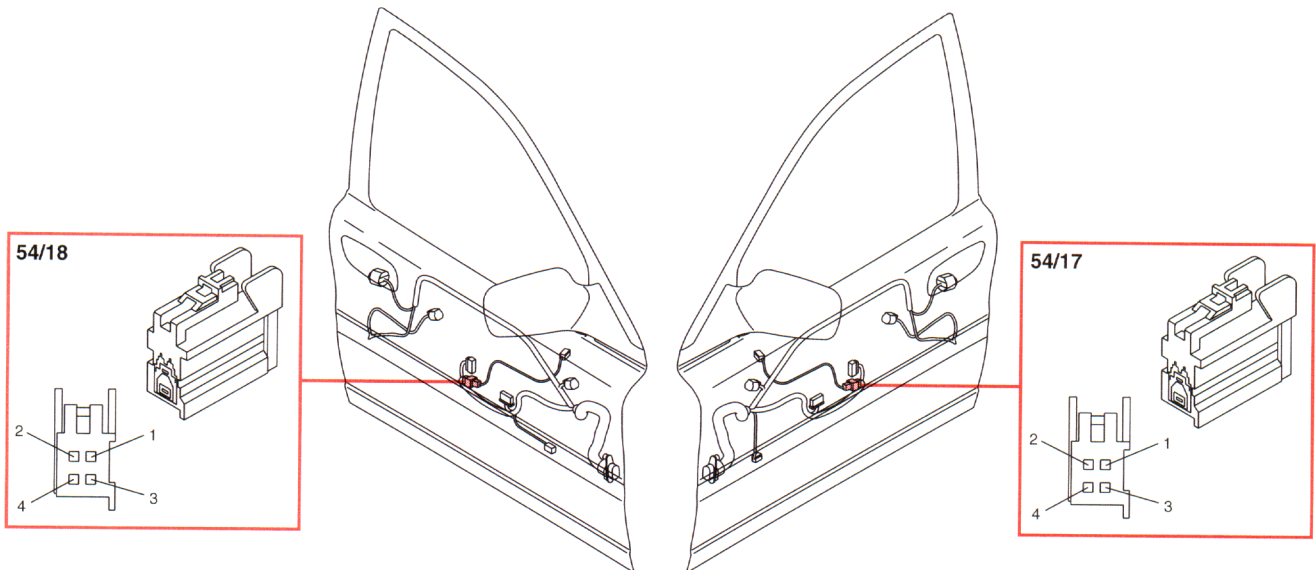
Pos	Female side	Male side	Color
1	Fuse 11C/36:2	Switch module, right front door (PDM/DDM) 3/127B:12	R
2	Fuse 11C/27:2	Switch module, right front door (PDM/DDM) 3/127B:7	R-W
3	Junction point 53/433	Switch module, right front door (PDM/DDM) 3/127A:2	W
4	Junction point 53/434	Switch module, right front door (PDM/DDM) 3/127A:3	GN
5-7	-	-	-
8	Central electronic module (CEM) 4/56D:8	Lock unit, right front door 3/75:3	P
9	Radio or amplifier 16/1B:5 Connector 54/14:5	Junction point 53/521	GR-R
10	Radio or amplifier 16/1B:6 Connector 54/14:6	Junction point 53/522	GR
11	Junction point 53/501	Switch module, right front door (PDM/DDM) 3/127B:5	SB
12	Ground connection 31/67 Junction point 53/511 (RHD)	Switch module, right front door (PDM/DDM) 3/127B:9	BN

Connector 54/13



54/13 **Black, 22 pin**
Passenger compartment cable harness - Roof cable harness

Pos	Female side	Male side	Color
1	Junction point 53/534	Fuse 11C/28:2	R
2-4	-	-	-
5	Upper electronic module (UEM) 4/70:3	Junction point 53/516	W
6	Upper electronic module (UEM) 4/70:5	Junction point 53/517	GN
7-10	-	-	-
11	Auxiliary brake light 10/19:5	Central electronic module (CEM) 4/56B:5	Y-R
12-14	-	-	-
15	Junction point 53/533	Connector 54/3RF:13	P
16-19	-	-	-
20	Junction point 53/503	Junction point 53/400	BN
21	Sunroof control module (SRM) 4/33A:1	Fuse 11C/34:2	R
22	Sunroof control module (SRM) 4/33A:10	Junction point 53/405	SB



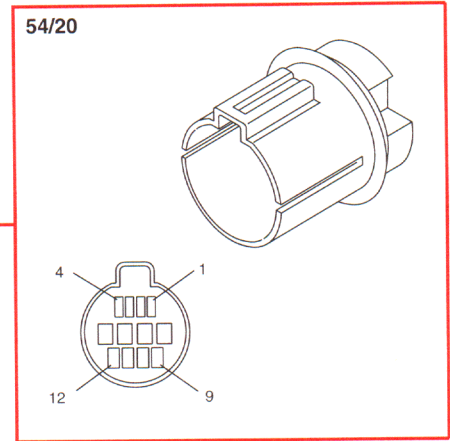
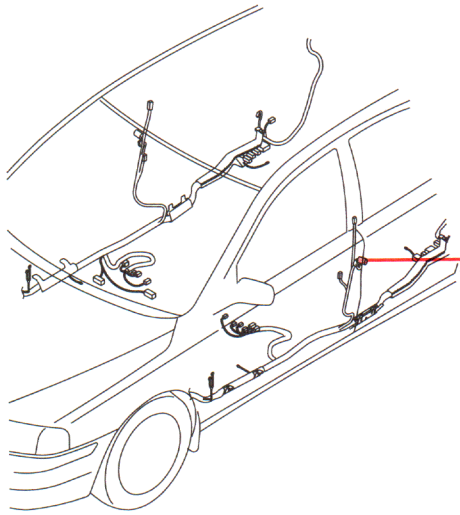
54/17 Light gray, 4 pin
 Left front door cable harness - Left door panel cable harness

Pos	Female side	Male side	Color
1	Junction point 53/519	Treble speaker, left front door 16/55:1	GR-R
2	Junction point 53/520	Treble speaker, left front door 16/55:2	GR
3-4	-	-	-

54/18 Light gray, 4 pin
 Right front door cable harness - Right door panel cable harness

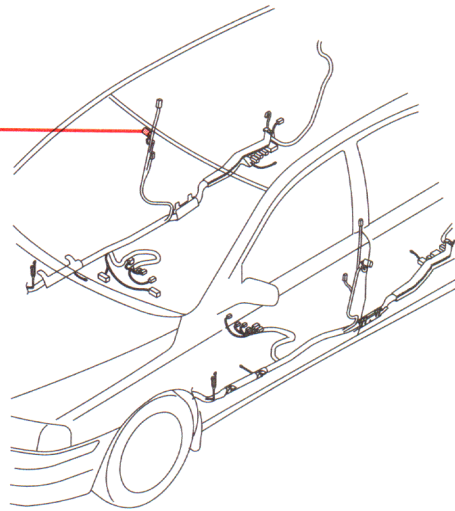
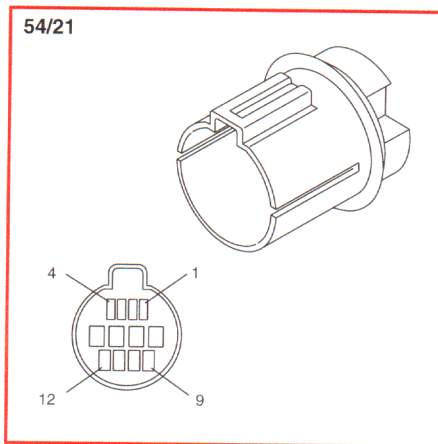
Pos	Female side	Male side	Color
1	Junction point 53/521	Treble speaker, right front door 16/56:1	GR-R
2	Junction point 53/522	Treble speaker, right front door 16/56:2	GR
3-4	-	-	-

Connector 54/20



54/20 Black, 12 pin
Passenger compartment cable harness - Left rear door cable harness

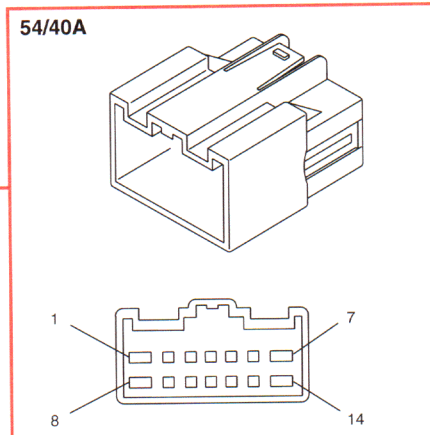
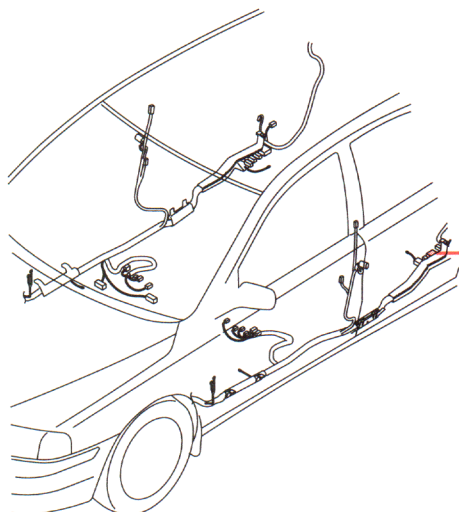
Pos	Female side	Male side	Color
1	Junction point 53/523	Speaker, left rear door 16/6:1	GR-W
2	Junction point 53/524	Speaker, left rear door 16/6:2	GR
3	Central electronic module (CEM) 4/56B:12	Lock unit, left rear door 3/76:2	P
4	Central electronic module (CEM) 4/56B:13	Lock unit, left rear door 3/76:5	BL
5	Junction point 53/446	Power window switch, left rear door 3/85:1	Y
6	Rear power window down relay 2/118:1	Power window switch, left rear door 3/85:3	BL
7	Junction point 53/504	Entry lighting, LH side rear door 10/22:2 (S80)	W
8	Rear power window up relay 2/116:1	Power window switch, left rear door 3/85:5	GN-BN
9	Connector 54/40A:4	Lock unit, left rear door 3/76:8	VO
10	Connector 54/40A:3	Lock unit, left rear door 3/76:6	GR
11	Connector 54/40A:2	Lock unit, left rear door 3/76:4	Y
12	Junction point 53/500	Junction point 53/531	SB



54/21 Black, 12 pin
Passenger compartment cable harness - Right rear door cable harness

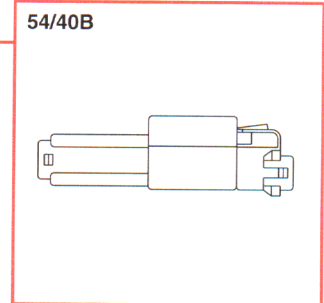
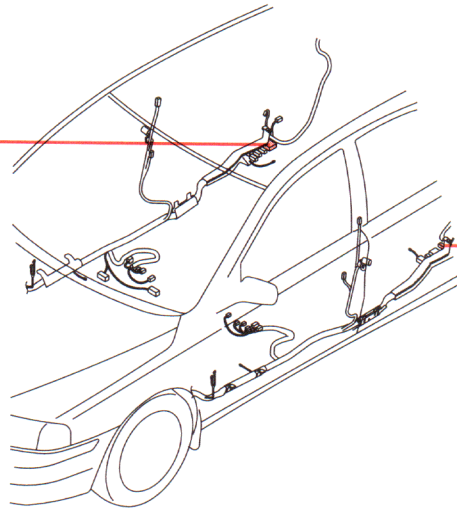
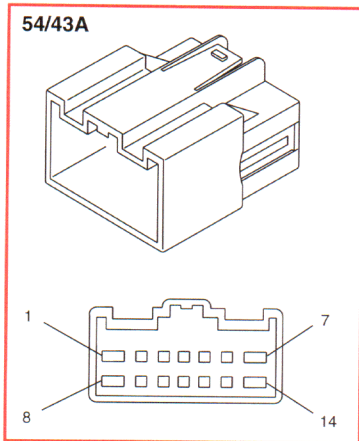
Pos	Female side	Male side	Color
1	Junction point 53/525	Speaker, right rear door 16/5:1	GR-W
2	Junction point 53/526	Speaker, right rear door 16/5:2	GR
3	Central electronic module (CEM) 4/56C:18	Lock unit, right rear door 3/77:2	P
4	Central electronic module (CEM) 4/56C:3	Lock unit, right rear door 3/77:5	BL
5	Junction point 53/446	Right rear power window switch 3/86:1	Y
6	Right rear power window down relay 2/119:1	Right rear power window switch 3/86:3	BL
7	Junction point 53/504	Entry lighting, rear RH side (S80) 10/123:2	W
8	Right rear power window up relay 2/117:1	Right rear power window switch 3/86:5	GN-BN
9	Connector 54/43:4	Lock unit, right rear door 3/77:8	VO
10	Connector 54/43:3	Lock unit, right rear door 3/77:6	GR
11	Connector 54/43:2	Lock unit, right rear door 3/77:4	Y
12	Junction point 53/501	Junction point 53/532	SB

Connector 54/40A



54/40A Light gray, 14 pin
Passenger compartment cable harness - Cargo compartment cable harness

Pos	Female side	Male side	Color
1	Connector 54/51:11	Fuse 11C/30:2	W
2	Locking relay, central lock, left rear 2/111:1	Connector 54/20:11	Y
3	Unlocking relay, central lock, left rear 2/112:1	Connector 54/20:10	GR
4	Connector 54/43:4	Connector 54/20:9	VO
5	Rear electronic module (REM) 4/58A:16	Junction point 53/435	GN
6	Rear electronic module (REM) 4/58A:14	Junction point 53/436	W
7	Connector 54/51:10	Connector 54/3LC:6	GN
8	Junction point 53/609	Fuse 11C/31:2	GR
9	-	-	-
10	Connector 54/44:4	Radio (AUM) 16/1A:9	BL-W
11	Rear electronic module (REM) 4/58A:2	Left fuel gauge sensor, ejector side 7/130:5	GN
12	Rear electronic module (REM) 4/58A:10	Left fuel gauge sensor, ejector side 7/130:6 Right fuel gauge sensor, pump side 7/143:6	BN
13	Rear electronic module (REM) 4/58A:8	Right fuel gauge sensor, pump side 7/143:7	BL
14	Rear electronic module (REM) 4/58A:4	Central electronic module (CEM) 4/56B:6	GN-Y



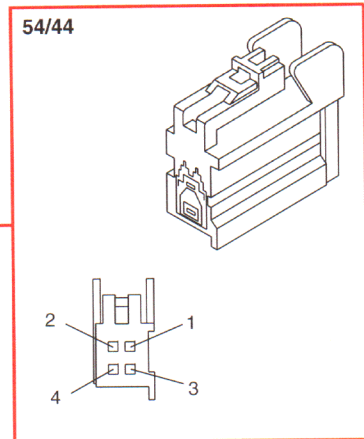
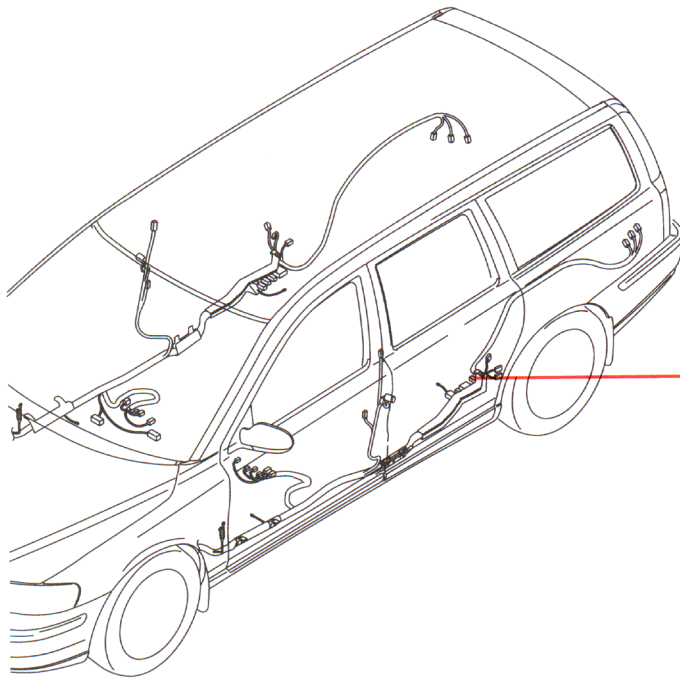
54/40B Black, 1 pin
 Passenger compartment cable harness - Cargo compartment cable harness

Pos	Female side	Male side	Color
1	Heated rear window relay 2/82:3 (S80)	Heated rear window 9/2:1 (via left antenna amplifier window antenna 16/16:1)	R

54/43A Light gray, 14 pin
 Passenger compartment cable harness - Cargo compartment cable harness

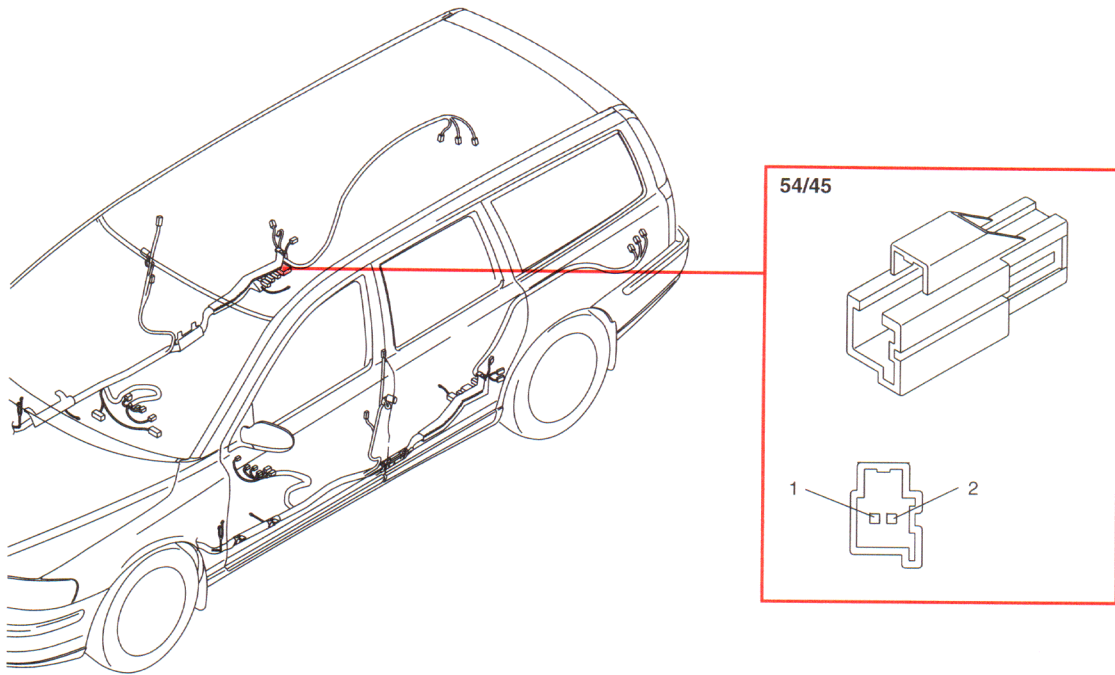
Pos	Female side	Male side	Color
1	-	-	-
2	Locking relay, central lock, right rear 2/113:1	Connector 54/21:11	Y
3	Unlocking relay, central lock, right rear 2/114:1	Connector 54/21:10	GR
4	Connector 54/40A:4	Connector 54/21:9	VO
5-6	-	-	-
7	Connector 54/51:19	Connector 54/3RC:6	GN-W
8-10	-	-	-
11	Connector 54/50:1	Central electronic module (CEM) 4/56C:5	P
12-14	-	-	-

Connector 54/44



54/44 Orange, 4 pin
Passenger compartment cable harness - IC cable harness

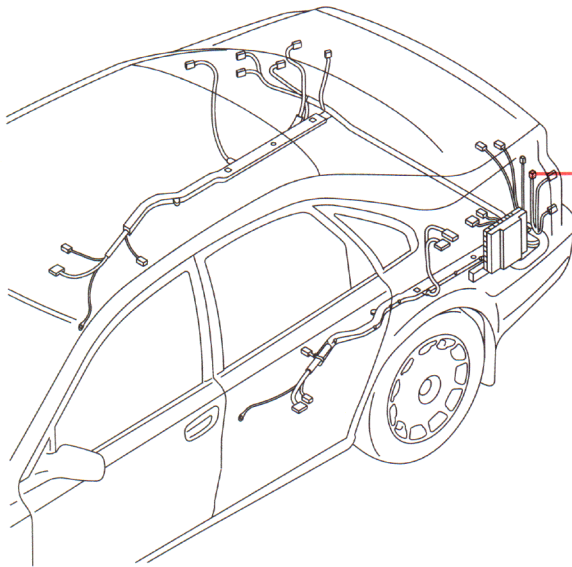
Pos	Female side	Male side	Color
1	LH side inflatable curtain igniter 8/66:1	SRS control module 4/9A:21	OR
2	LH side inflatable curtain igniter 8/66:2	SRS control module 4/9A:22	OR-SB
3	-	-	-
4	Left antenna amplifier, window antenna 16/16:2	Radio (AUM) 16/1A:9	BL-W



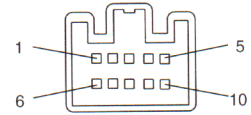
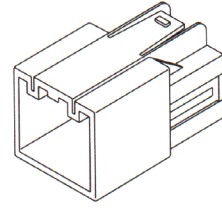
54/45 Orange, 2 pin
Passenger compartment cable harness - IC cable harness

Pos	Female side	Male side	Color
1	RH side inflatable curtain igniter 8/67:1	SRS control module 4/9C:21	OR
2	RH side inflatable curtain igniter 8/67:2	SRS control module 4/9C:22	OR-SB

Connector 54/50 S80

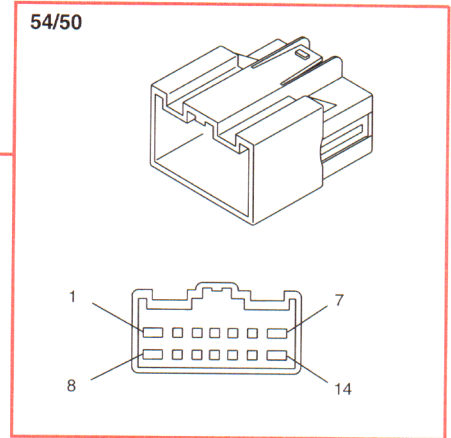
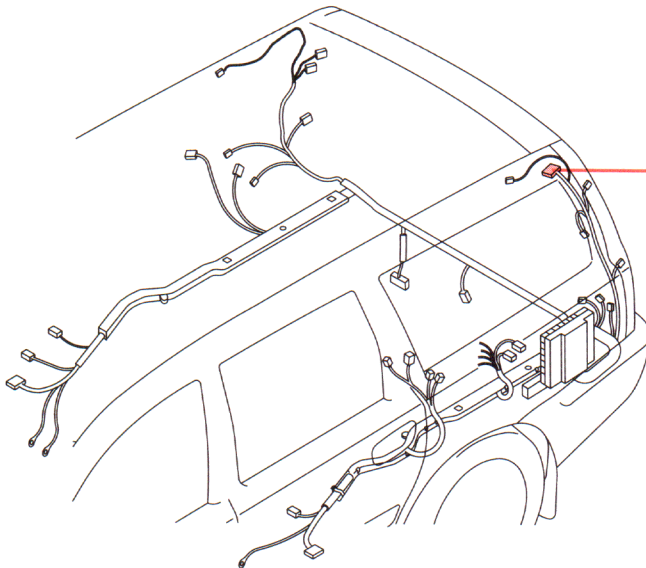


54/50



54/50 Light gray, 10 pin
Cargo compartment cable harness - Trunk cable harness

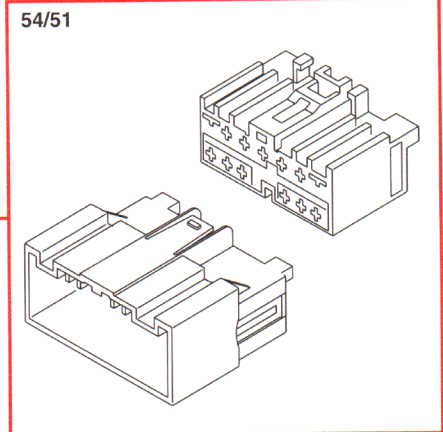
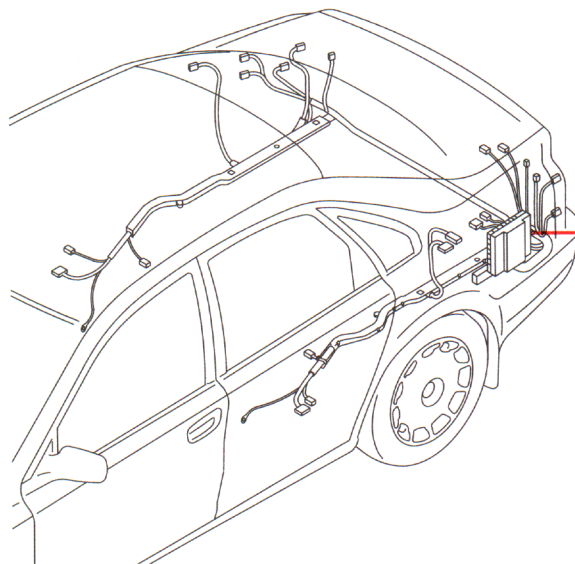
Pos	Female side	Male side	Color
1	Trunk lock unit 3/78:1	Connector 54/43:11	BN-OR/P
2	-	-	-
3	Trunk lock unit 3/78:2	Trunk opening relay 2/67:1	GR-W
4-6	-	-	-
7	License plate lighting 10/3:2	Junction point 53/609	GR
8	Trunk handle switch 3/35:1	Rear electronic module (REM) 4/58D:7	BL-BN/ BL
9	-	-	-
10	Trunk lock unit 3/78:4	Junction point 53/601	BL-SB/ SB



54/50 Light gray, 14 pin
Cargo compartment cable harness - Tailgate cable harness

Pos	Female side	Male side	Color
1	Heated rear window 9/2:1	Heated rear window relay 2/82:3	R
2	License plate lighting 10/5:1	Junction point 53/609	GR
3	Auxiliary brake light 10/19:1	Rear electronic module (REM) 4/58D:4	Y/Y-R
4	Tailgate lock unit 3/78:1	Connector 54/43A:11	P
5	Glass breakage coil, tailgate 7/137:1	Connector 54/43A:12	Y
6	Junction point 53/606	Junction point 53/601	SB
7	Rear window wiper motor 6/32:3	Junction point 53/601	SB
8	Rear window wiper motor 6/32:1	X feed rear overload relay 2/72:1	Y
9	Rear window wiper motor 6/32:2	Rear window wiper 2/16:1	W
10	Tailgate lock unit 3/78:6	Tailgate locking relay 2/86:1	Y
11	Tailgate lock unit 3/78:7	Rear washer motor relay 2/87:1	GR
12	-	-	-
13	-	-	-
14	Heated rear window 9/2:2	Ground connection 31/48	SB

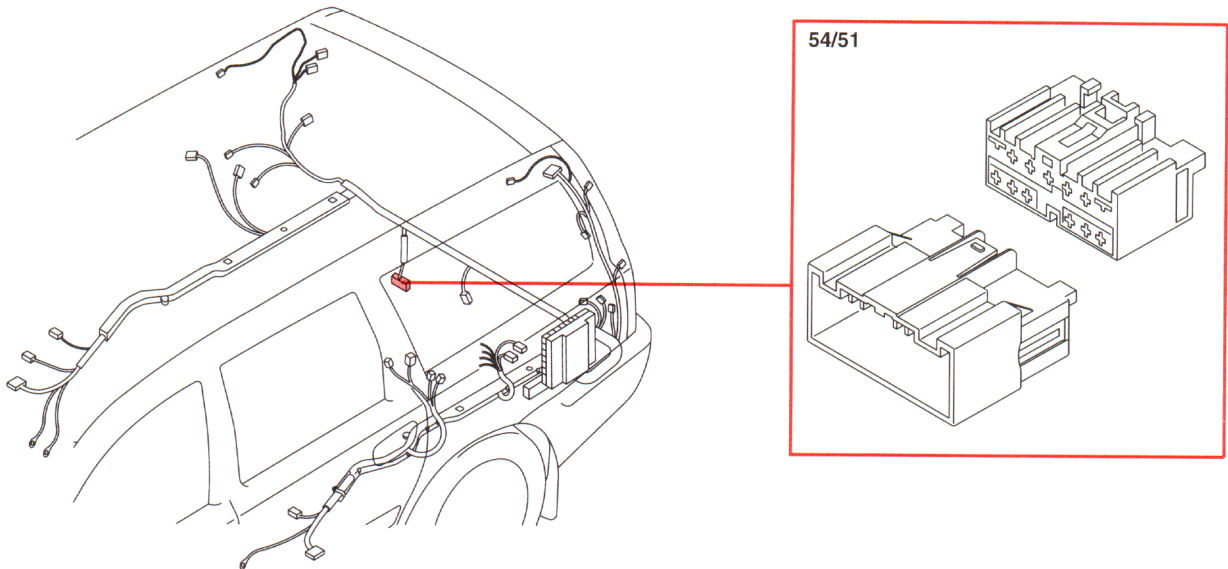
Connector 54/51 S80



54/51 Light gray, 13 pin Cargo compartment cable harness

Pos	Female side	Male side	Color
1	*	Fuse 11D/15:2	BL
2	*	Fuse 11D/9:2	R
3	-	-	-
4	*	Brake light relay 2/79:1	Y
5	*	Fog light relay 2/83:1	P
6	-	-	-
7	*	Ground connection 31/73	SB
8	*	Junction point 53/609	GR
9	*	RH rear light cluster 10/17B:1	GN-W
10	*	LH rear light cluster 10/18B:1	GN
11	*	Shunt, parking light 2/28:3	W
12	*	Junction point 53/615	BL
13	-	-	-

* Depends on accessory

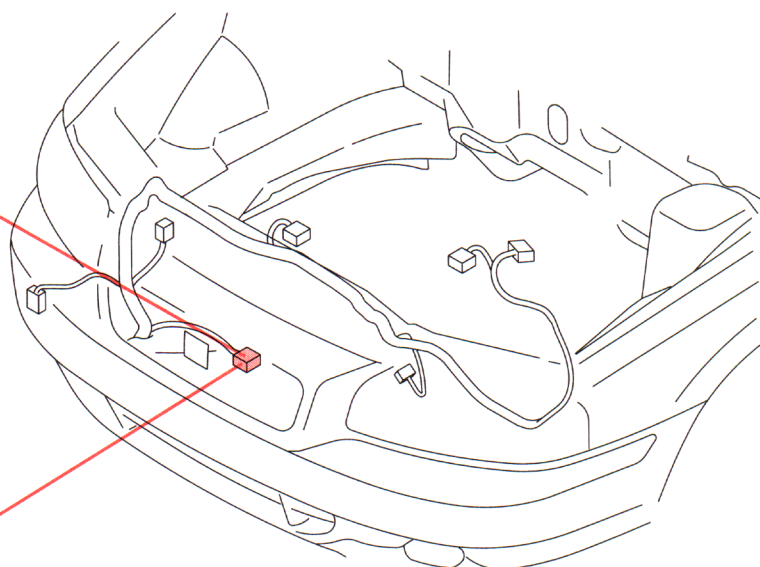
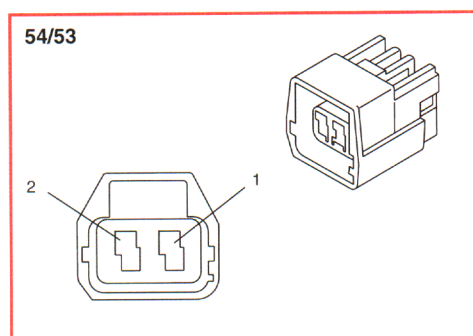
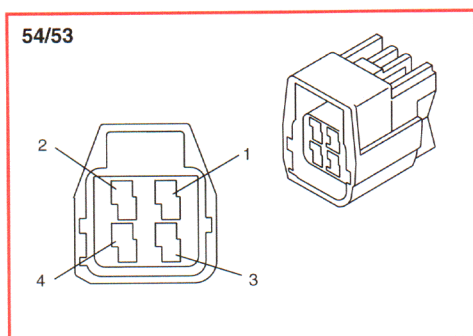


54/51 Light gray, 13 pin
Cargo compartment cable harness

Pos	Female side	Male side	Color
1	*	Fuse 11D/15:2	BL
2	*	Fuse 11D/9:2	R
3	-	-	-
4	*	Brake light relay 2/79:1	Y
5	*	Fog light relay 2/83:1	P
6	-	-	-
7	*	Ground connection 31/73	SB
8	*	Junction point 53/609	GR
9	*	RH rear light cluster 10/17B:1	GN-W
10	*	LH rear light cluster 10/18B:1	GN
11	*	Shunt, parking light 2/28:3	W
12	*	Junction point 53/615	BL
13	-	-	-

* Depends on accessory

Connector 54/53



54/53 Dark gray, 4 pin Engine cable harness - with turbo

Pos	Female side	Male side	Color
1	Engine control module (ECM) 4/46A:46	Front knock sensor 7/23	BN
2	Engine control module (ECM) 4/46A:64	Front knock sensor 7/23	SB
3	Engine control module (ECM) 4/46A:45	Front knock sensor 7/23	BN
4	Engine control module (ECM) 4/46A:67	Front knock sensor 7/23	SB

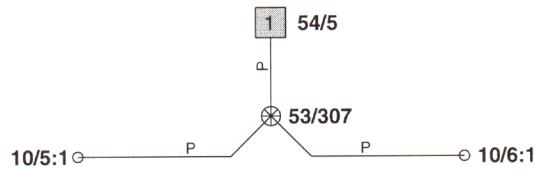
54/53 Dark gray, 2 pin Engine cable harness - without turbo

Pos	Female side	Male side	Color
1	Engine control module (ECM) 4/46A:46	Front knock sensor 7/23	BN
2	Engine control module (ECM) 4/46A:64	Front knock sensor 7/23	SB

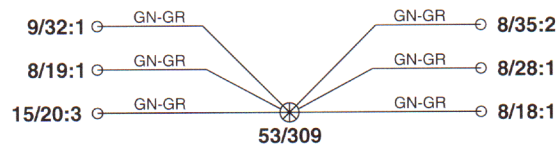
Junction points

- 53/307 Soft nose cable harness
- 53/309 Engine cable harness
- 53/310 Soft nose cable harness
- 53/314 Engine cable harness

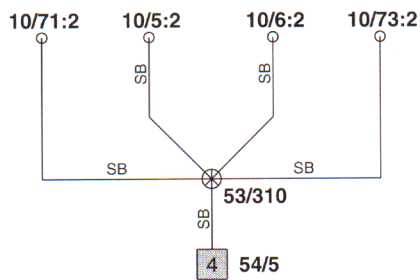
53/307



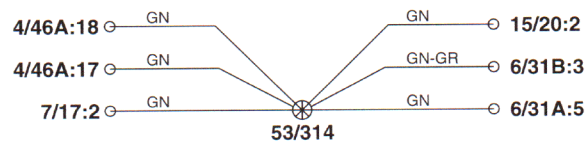
53/309



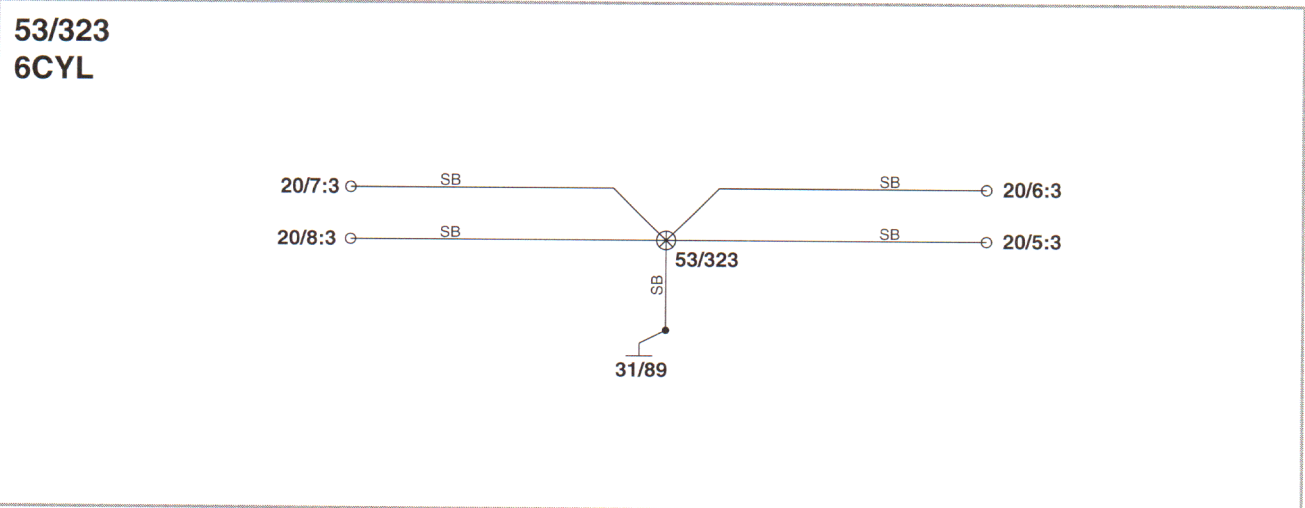
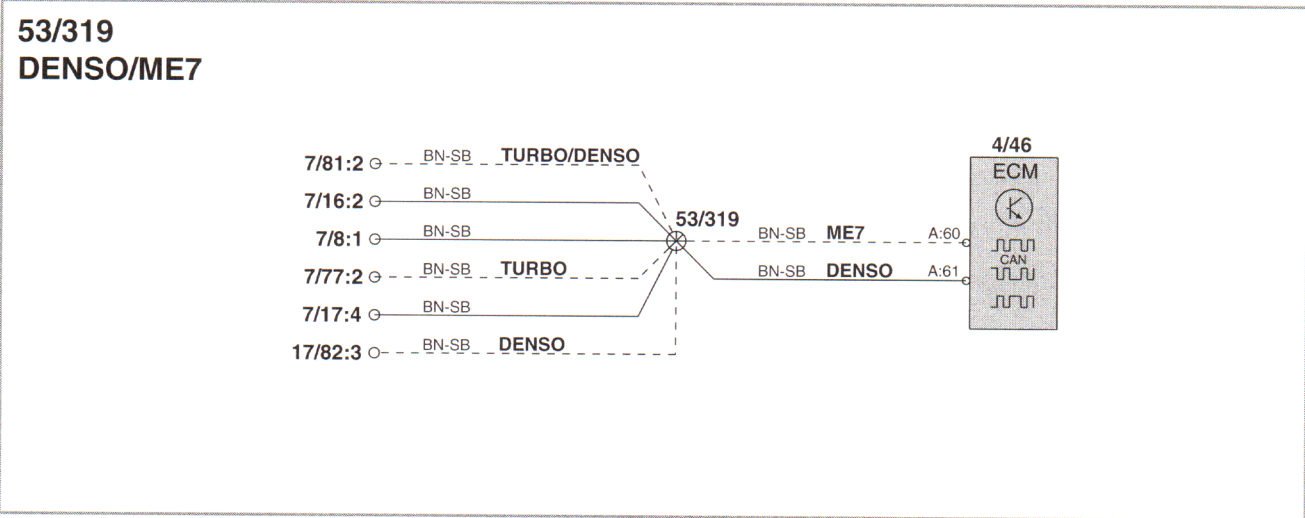
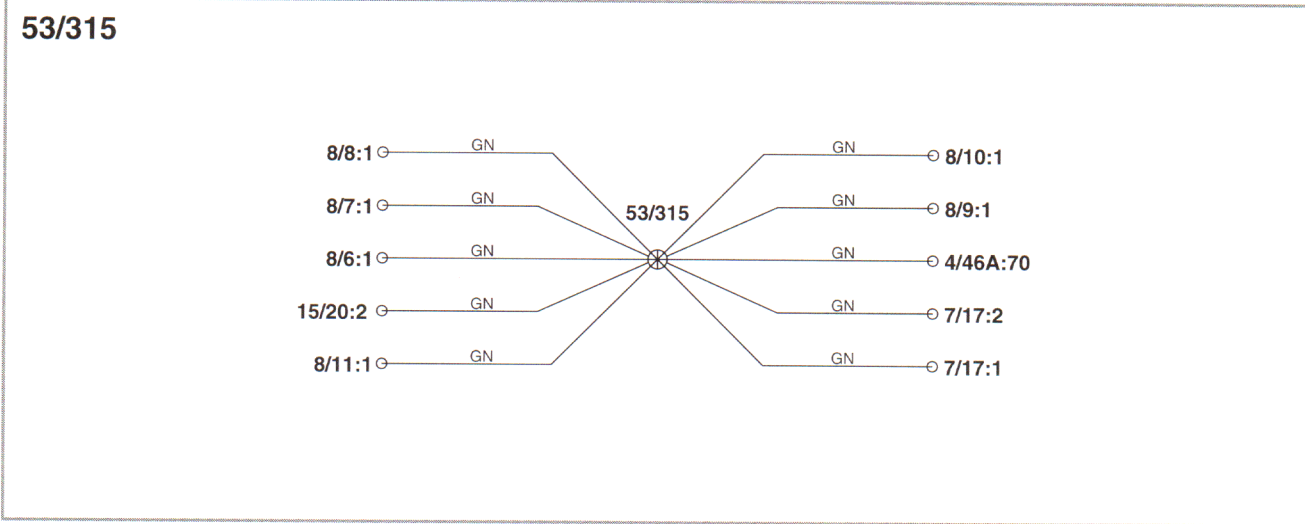
53/310



53/314

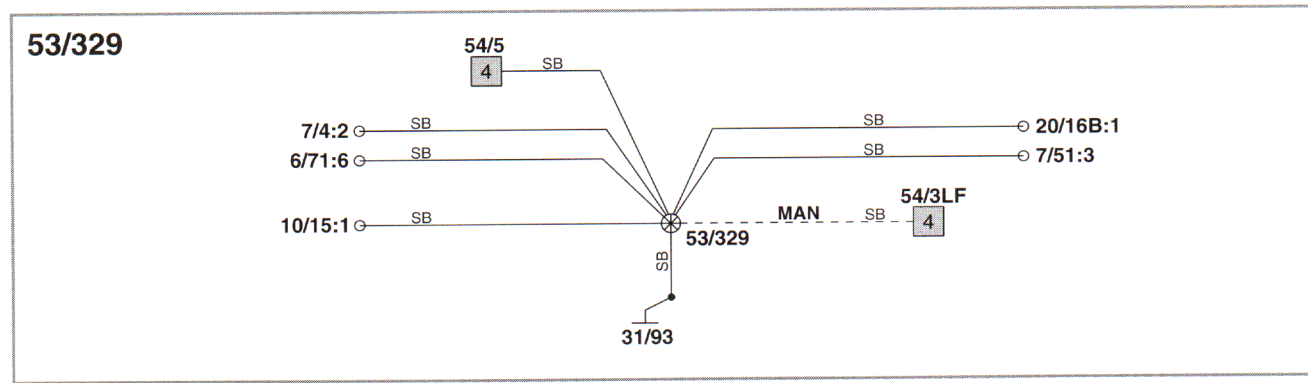
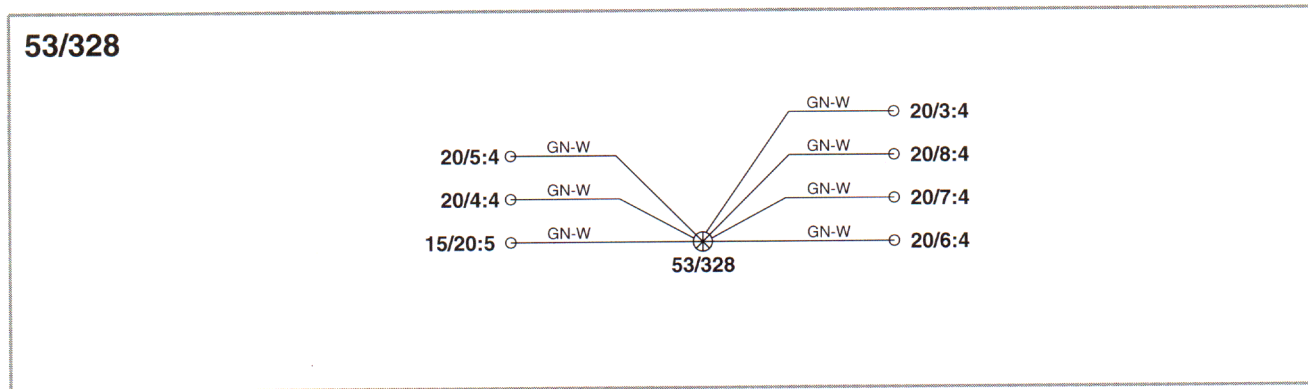
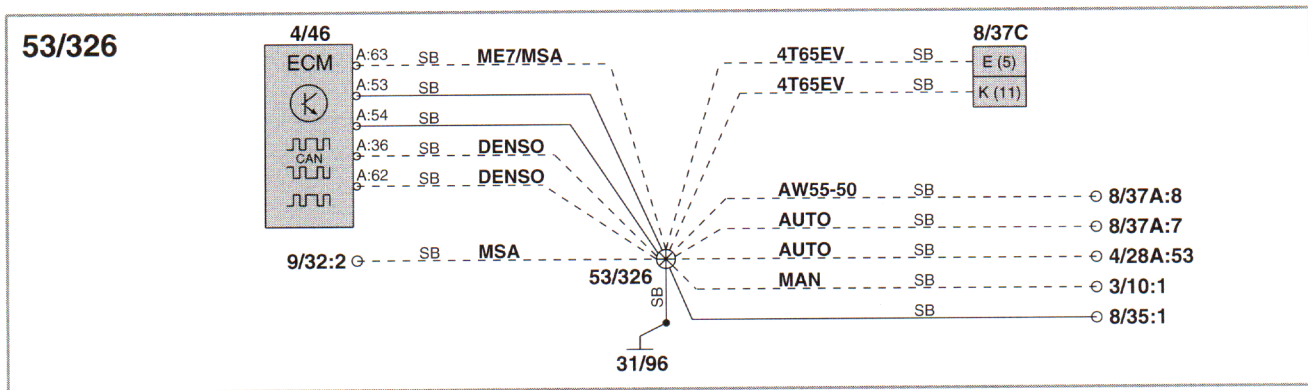
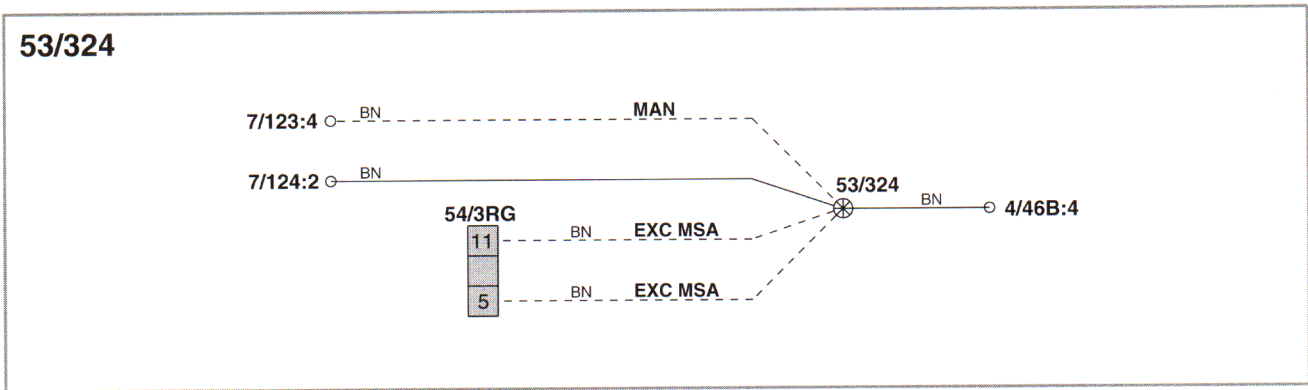


- 53/315 Engine cable harness
- 53/319 Engine cable harness
- 53/323 Engine cable harness

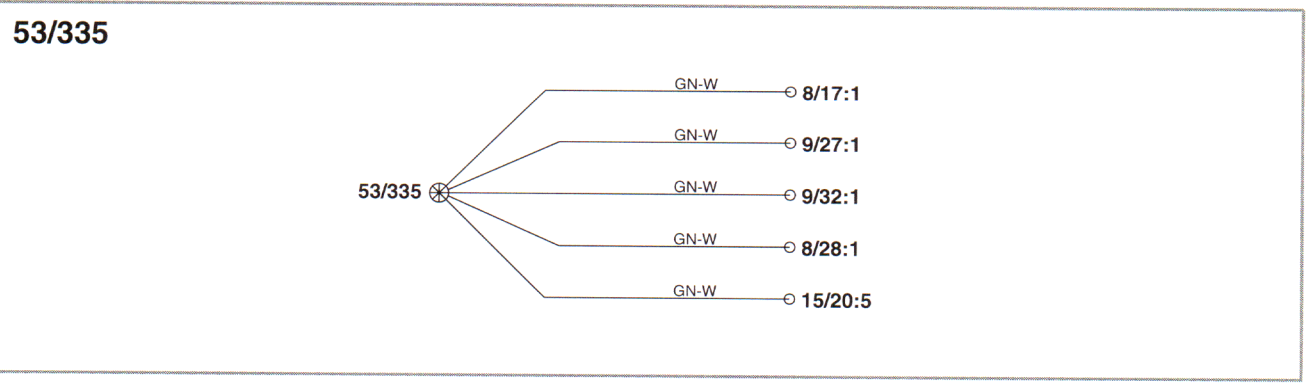
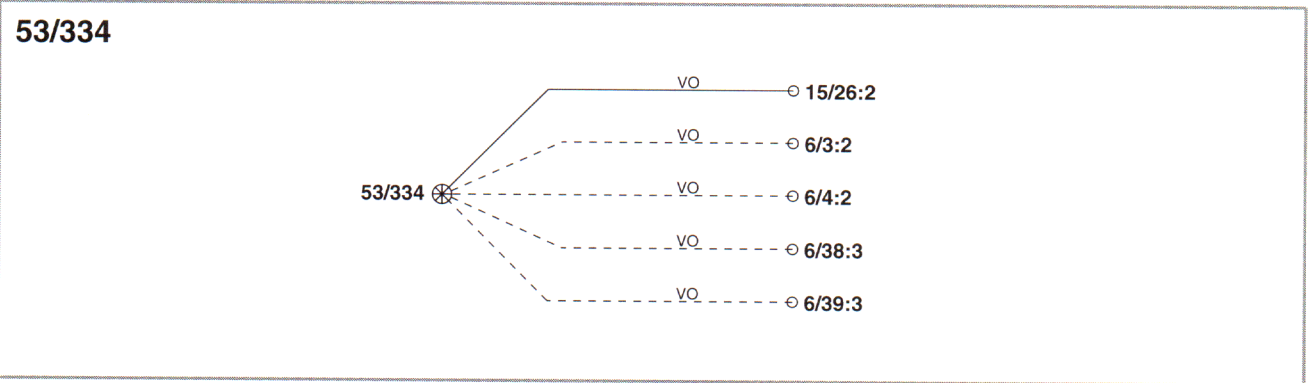
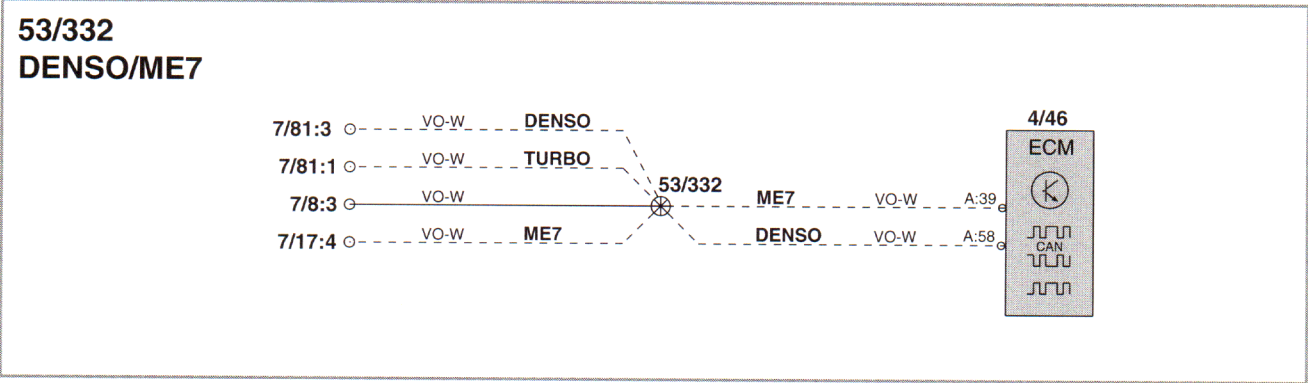
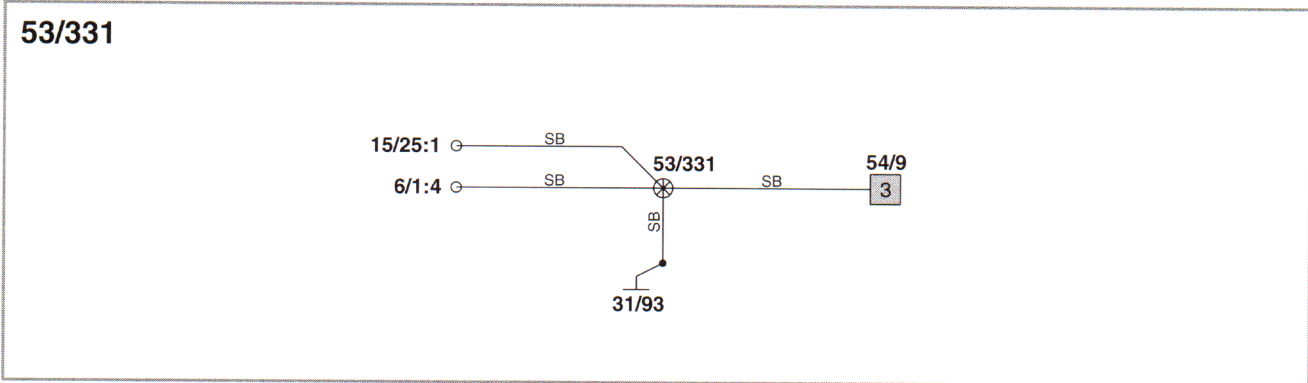


Junction points

- 53/324 Engine compartment cable harness
- 53/326 Engine cable harness
- 53/328 Engine cable harness
- 53/329 Engine compartment cable harness



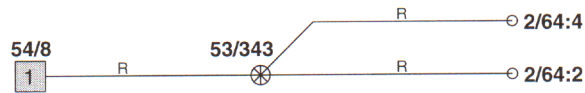
- 53/331 Engine compartment cable harness
- 53/332 Engine cable harness
- 53/334 Front cable harness
- 53/335 Engine cable harness



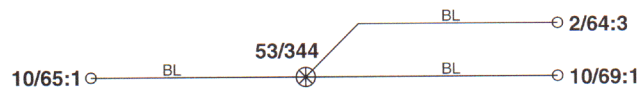
Junction points

- 53/343 Auxiliary light cable harness
- 53/344 Auxiliary light cable harness
- 53/345 Auxiliary light cable harness
- 53/352 Engine compartment cable harness

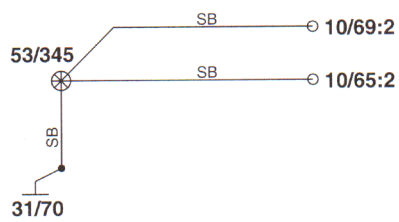
53/343



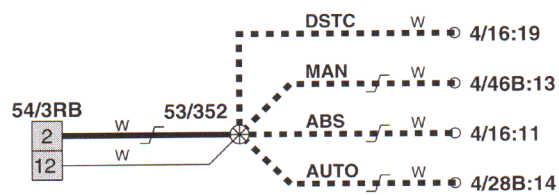
53/344



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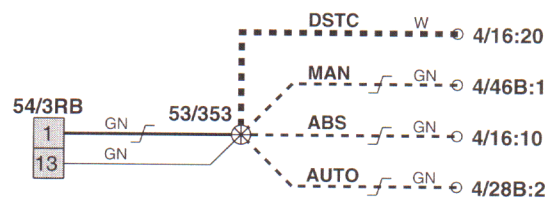


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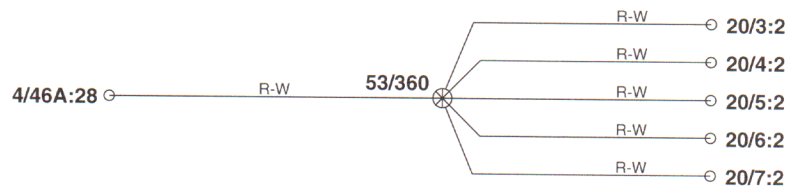


- 53/353 Engine compartment cable harness
- 53/360 Engine cable harness
- 53/365 Engine compartment cable harness
- 53/400 Passenger compartment cable harness

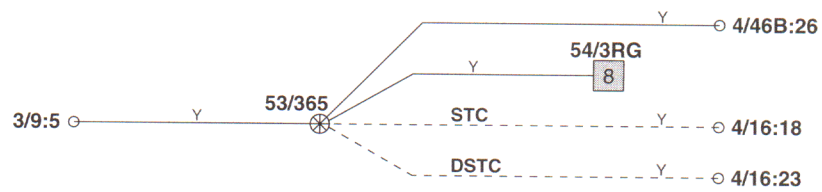
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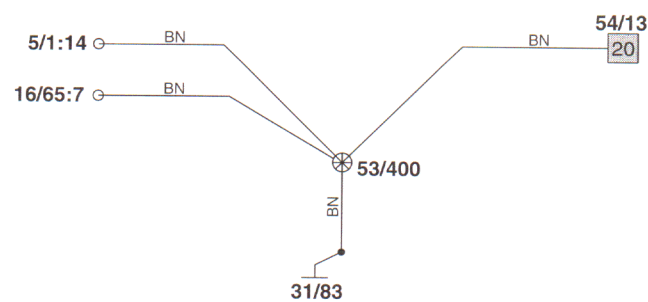
53/360 DENSO



53/365

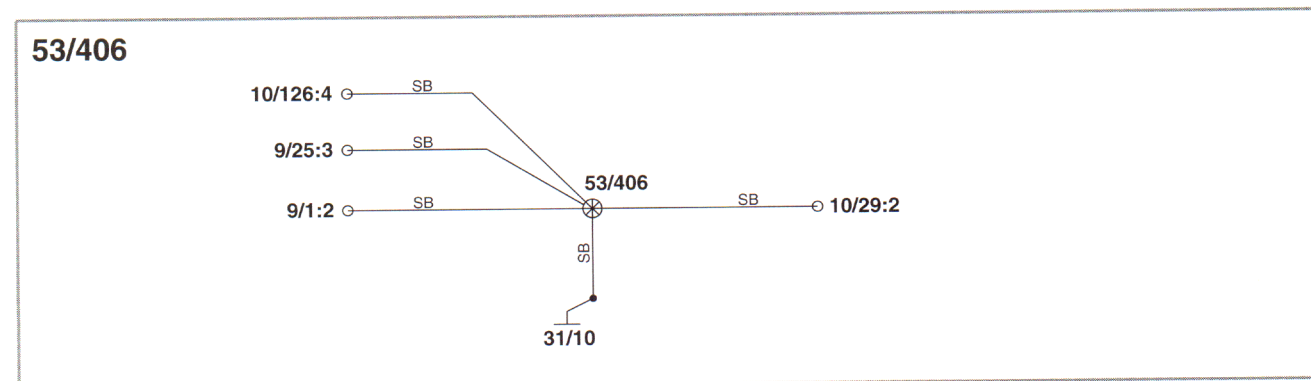
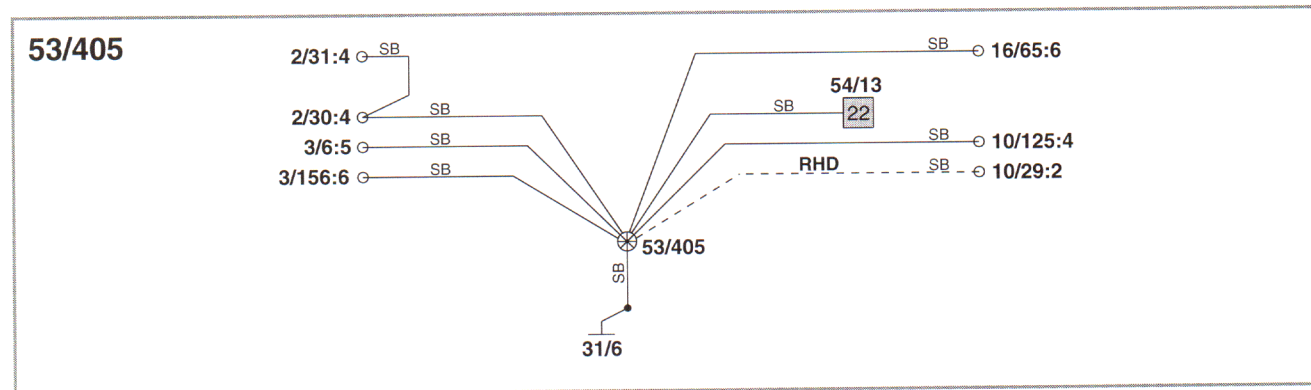
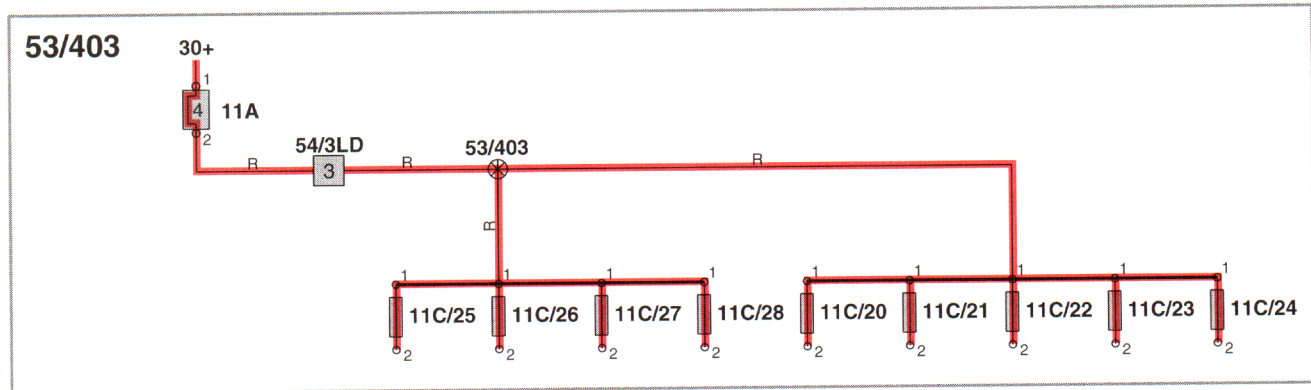
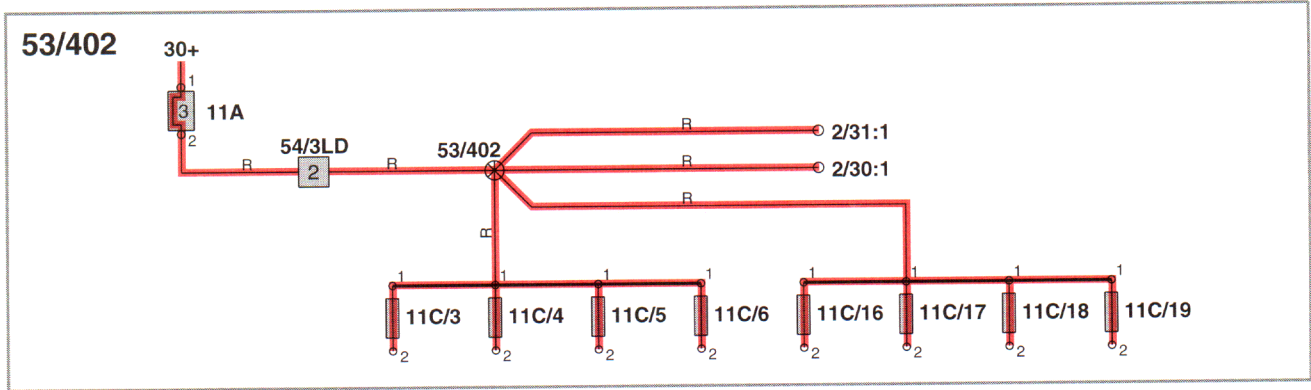


53/400



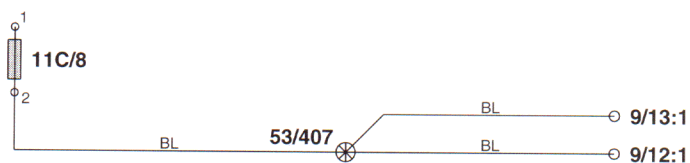
Junction points

- 53/402 Passenger compartment cable harness
- 53/403 Passenger compartment cable harness
- 53/405 Passenger compartment cable harness
- 53/406 Passenger compartment cable harness

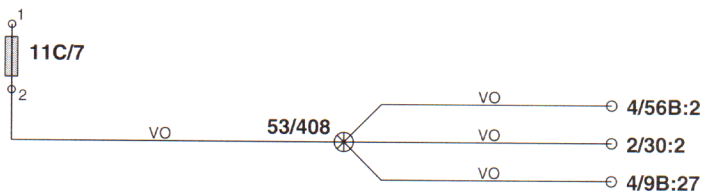


- 53/407 Passenger compartment cable harness
- 53/408 Passenger compartment cable harness
- 53/415 Passenger compartment cable harness
- 53/419 Passenger compartment cable harness

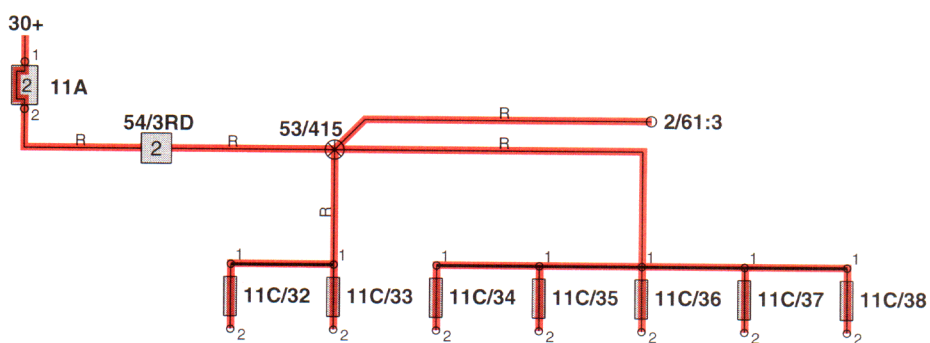
53/407



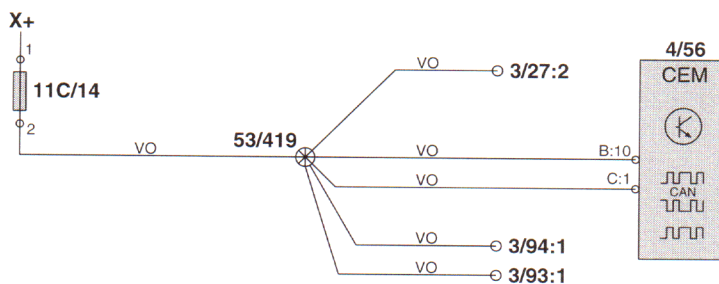
53/408



53/415

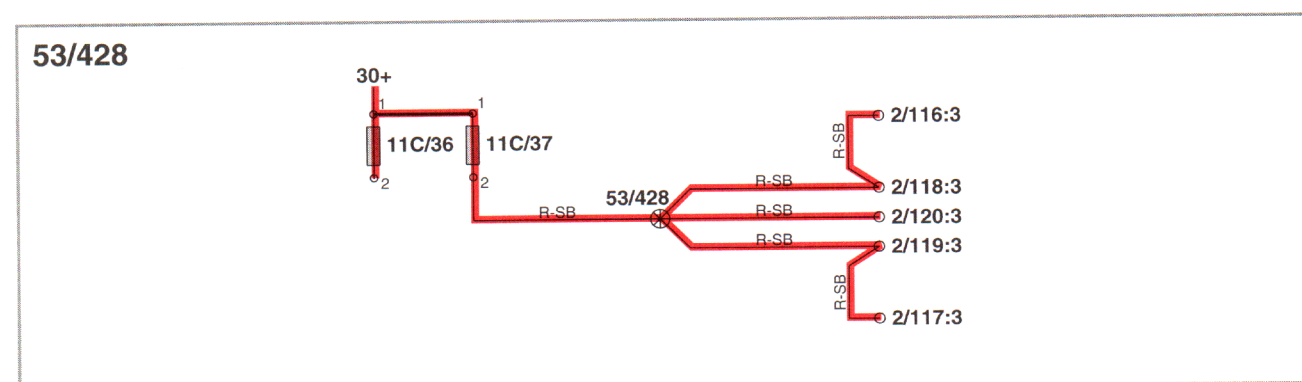
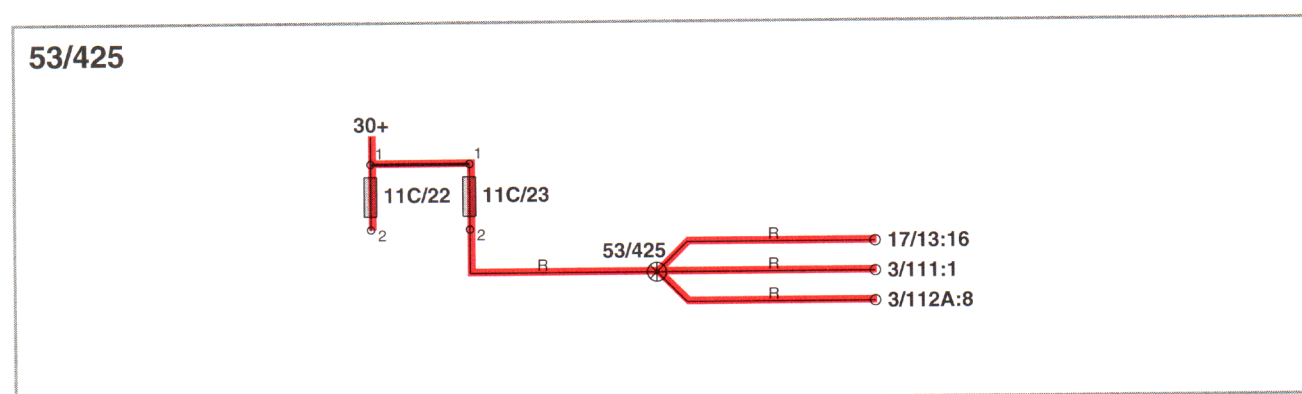
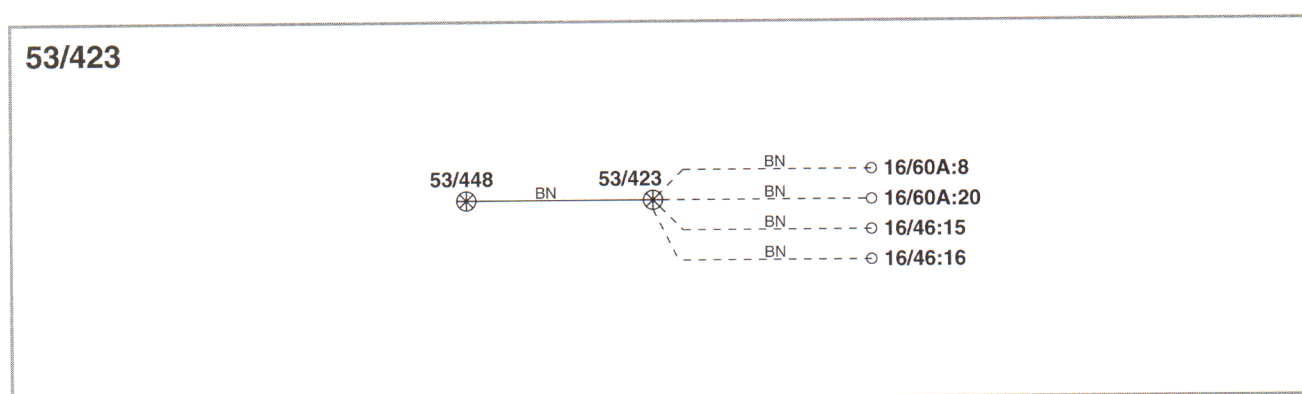
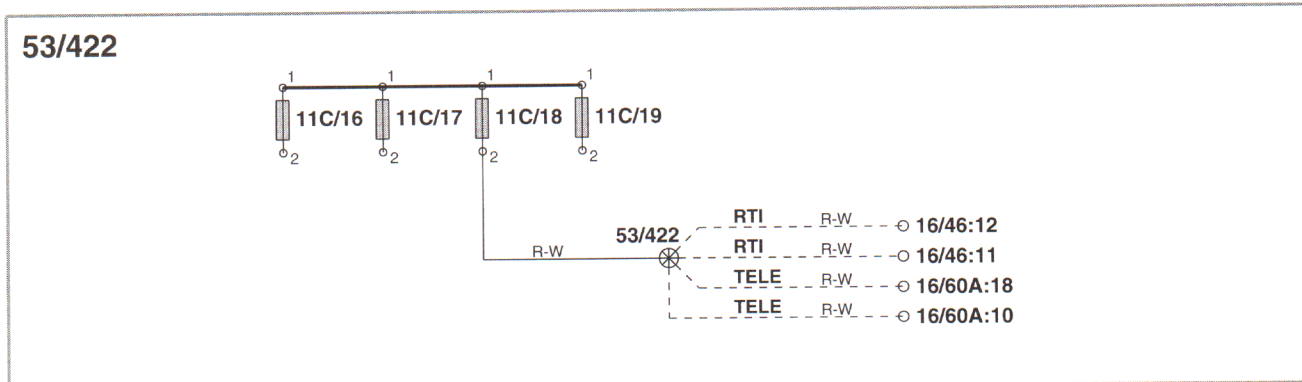


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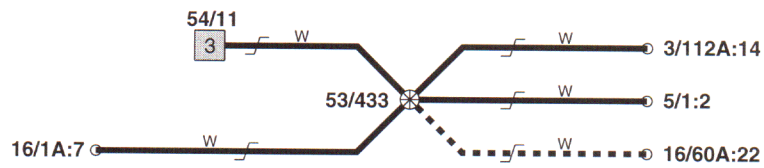
Junction points

- 53/422 Passenger compartment cable harness
- 53/423 Passenger compartment cable harness
- 53/425 Passenger compartment cable harness
- 53/428 Passenger compartment cable harness

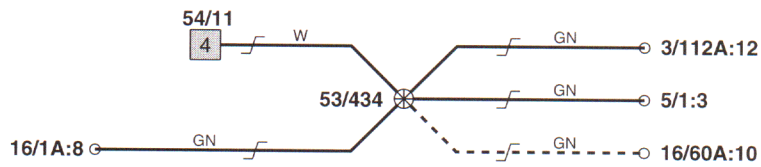


- 53/433 Passenger compartment cable harness
- 53/434 Passenger compartment cable harness
- 53/435 Passenger compartment cable harness
- 53/436 Passenger compartment cable harness

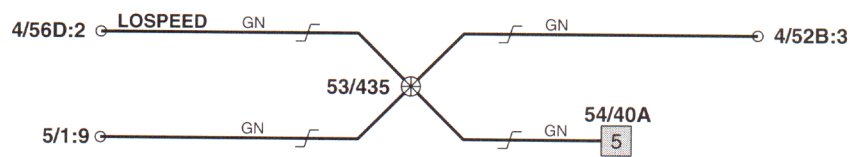
53/433



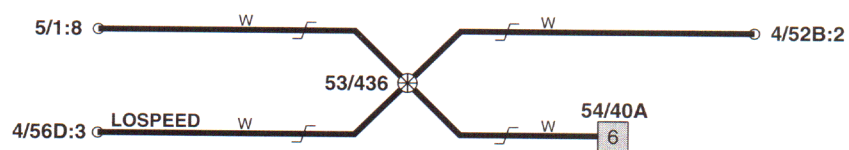
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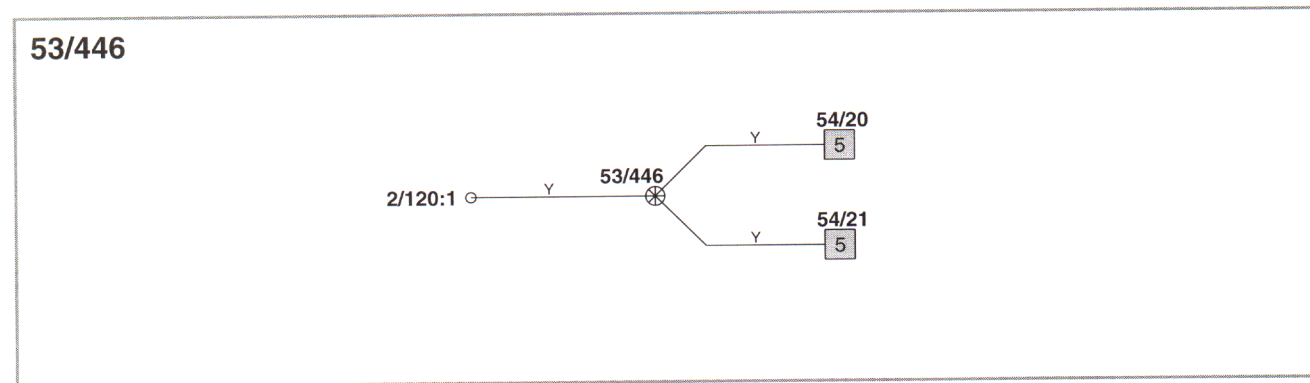
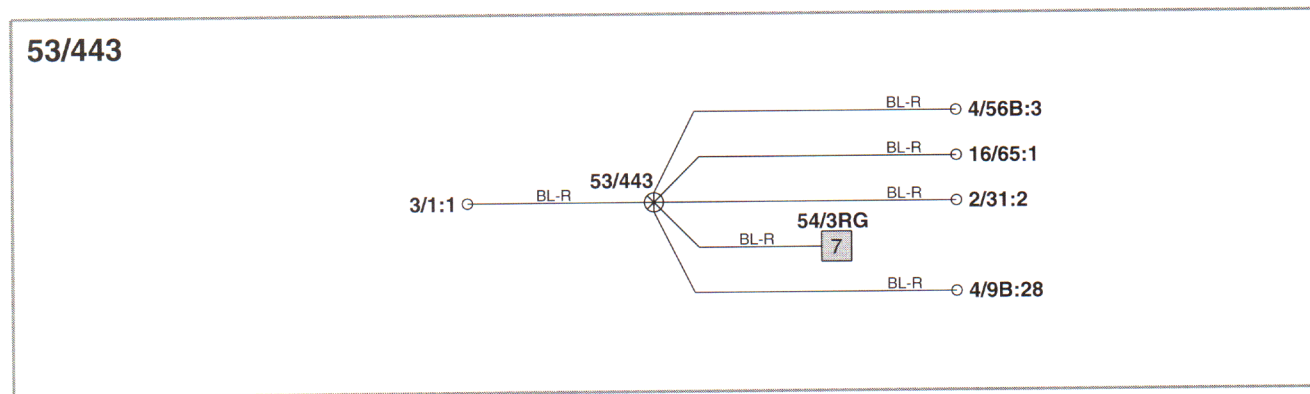
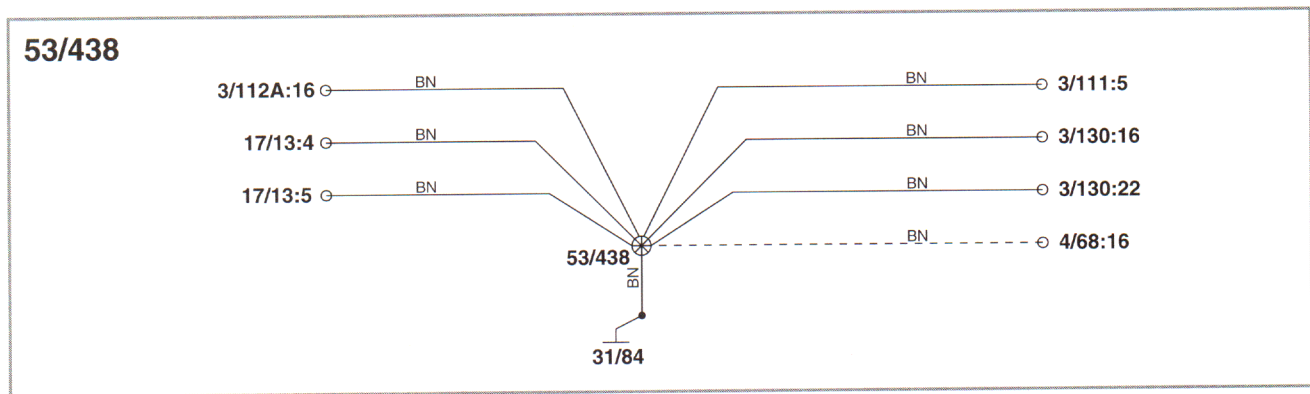
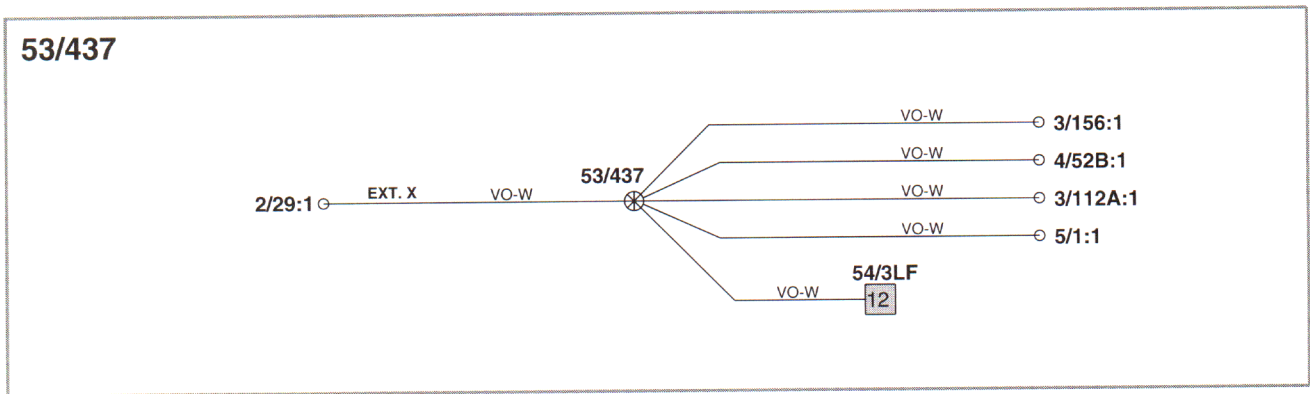


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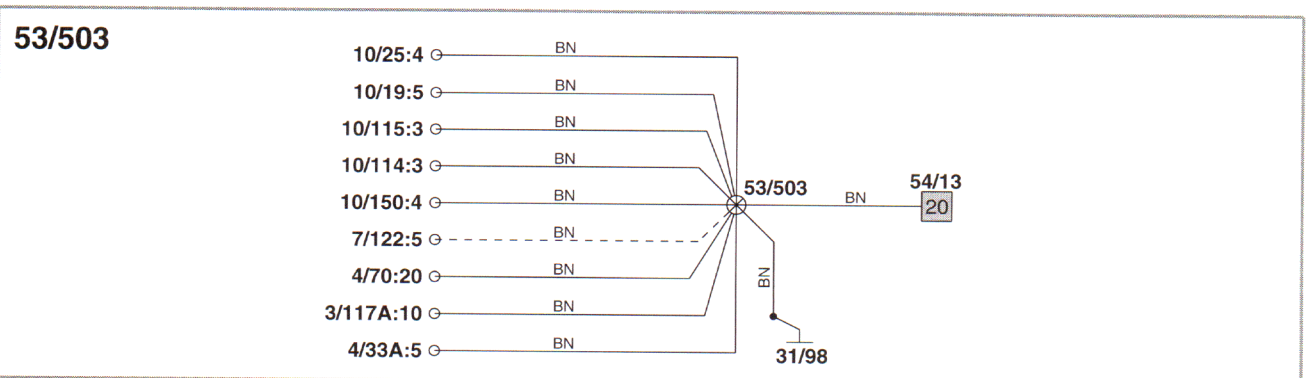
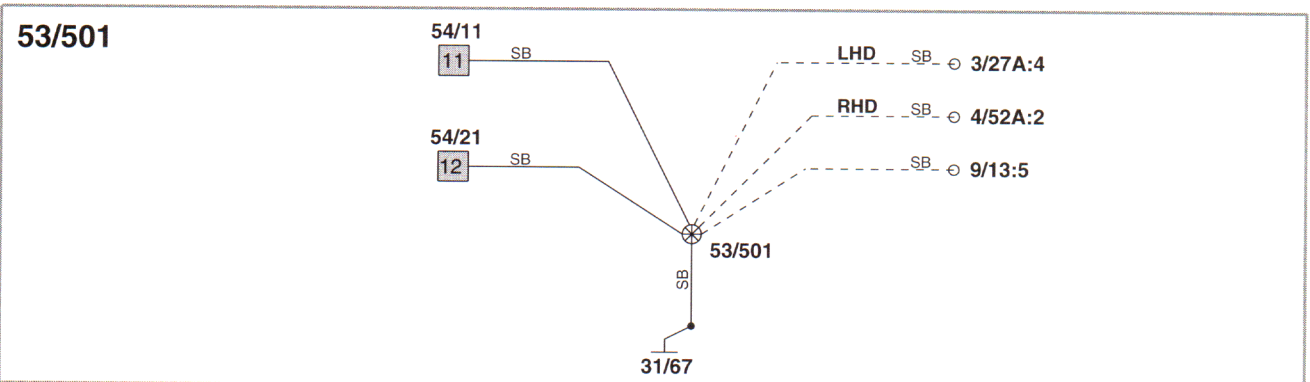
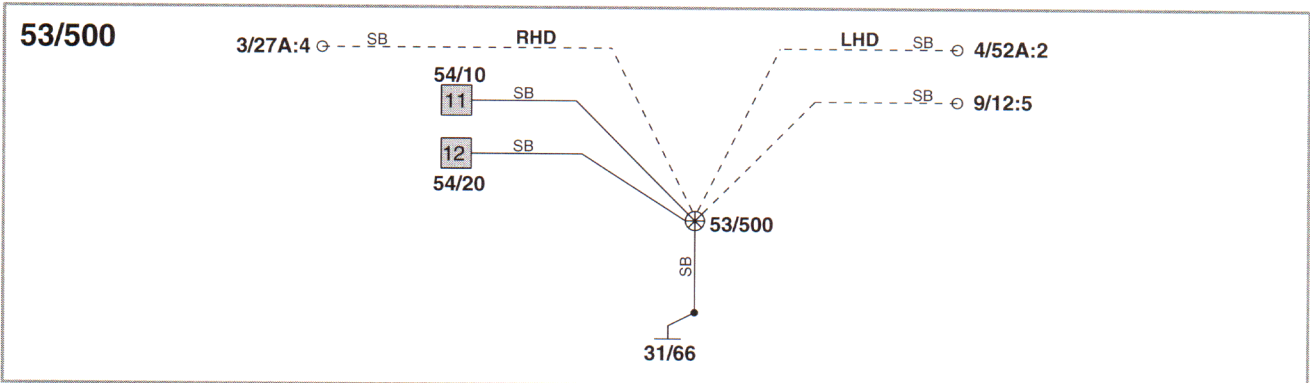
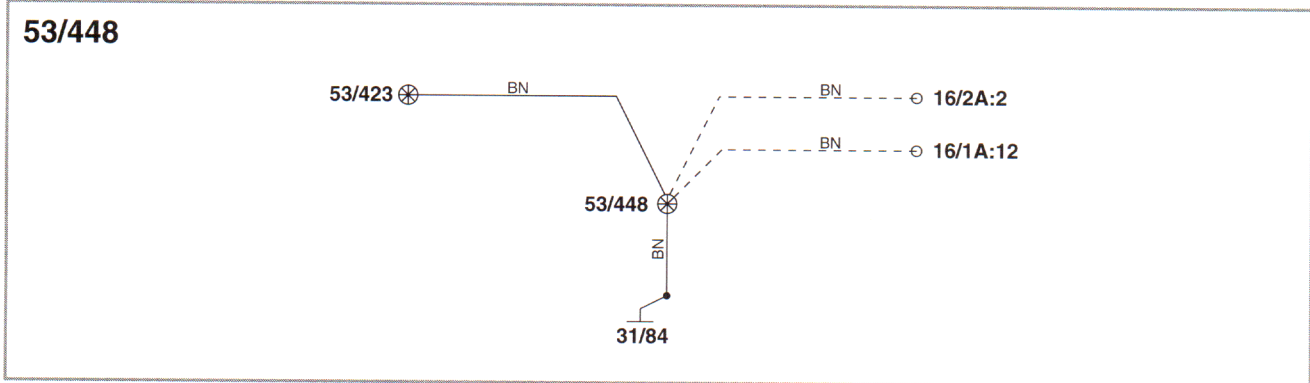


Junction points

- 53/437 Passenger compartment cable harness
- 53/438 Passenger compartment cable harness
- 53/443 Passenger compartment cable harness
- 53/446 Passenger compartment cable harness



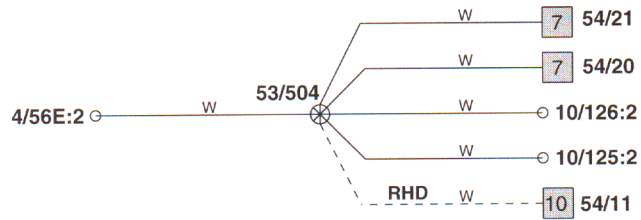
- 53/448 Passenger compartment cable harness
- 53/500 Passenger compartment cable harness
- 53/501 Passenger compartment cable harness
- 53/503 Roof cable harness



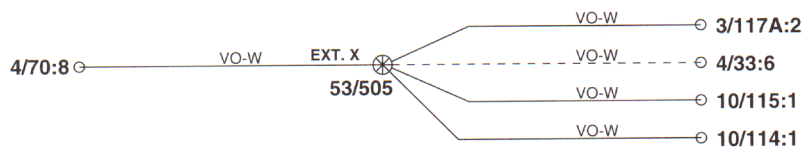
Junction points

- 53/504 Passenger compartment cable harness
- 53/505 Roof cable harness
- 53/510 Passenger compartment cable harness
- 53/511 Passenger compartment cable harness

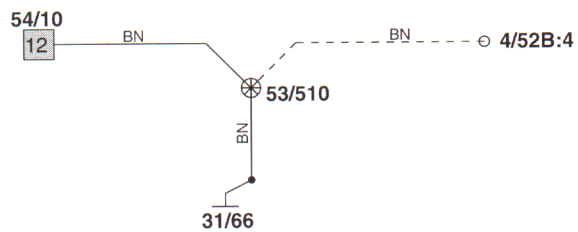
53/504



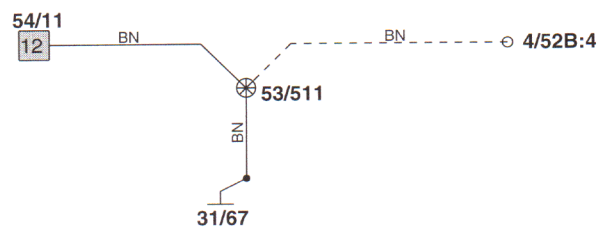
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53/510

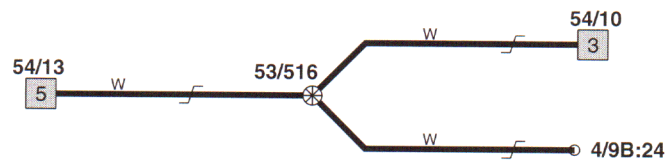


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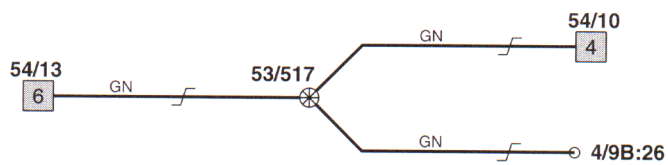


- 53/516 Passenger compartment cable harness
- 53/517 Passenger compartment cable harness
- 53/519 Left front door cable harness
- 53/520 Left front door cable harness

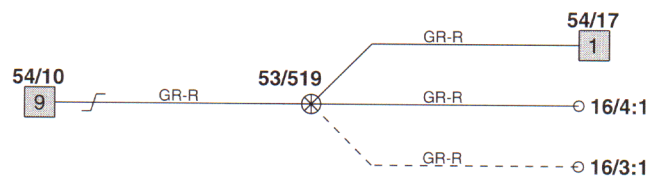
53/516



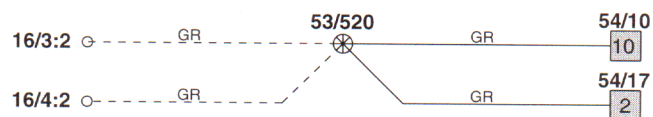
53/517



53/519



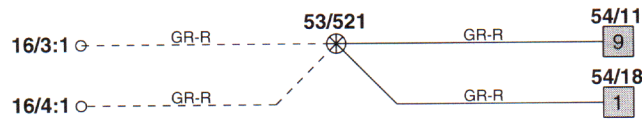
53/520



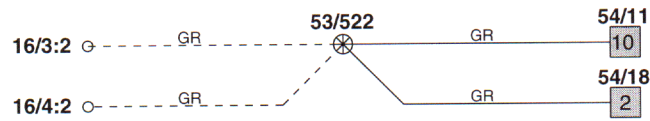
Junction points

- 53/521 Right front door cable harness
- 53/522 Right front door cable harness
- 53/523 Passenger compartment cable harness
- 53/524 Passenger compartment cable harness

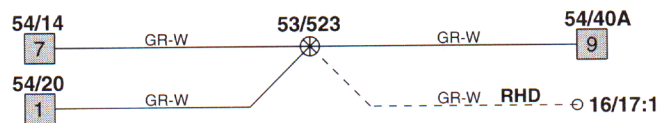
53/521



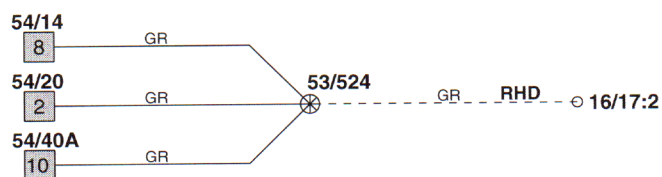
53/522



53/523

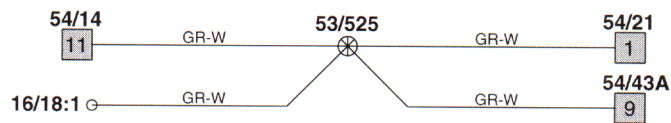


53/524

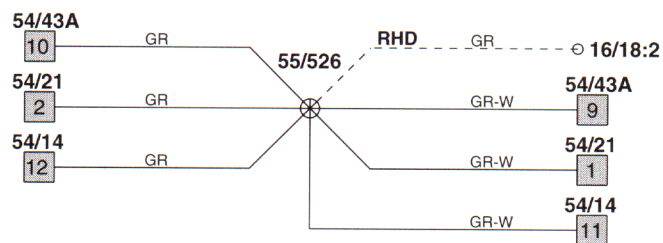


- 53/525 Passenger compartment cable harness
- 53/526 Passenger compartment cable harness
- 53/527 Left rear door cable harness
- 53/528 Right rear door cable harness

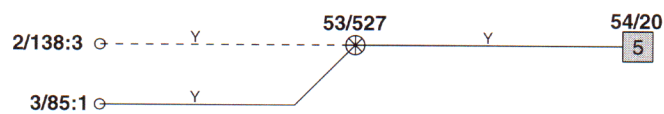
53/525



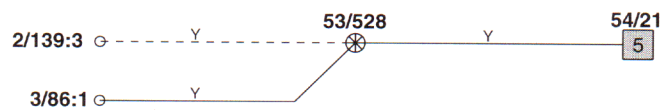
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53/527



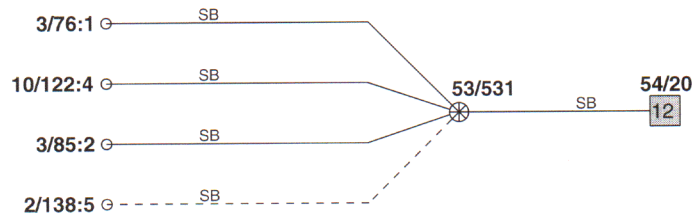
53/528



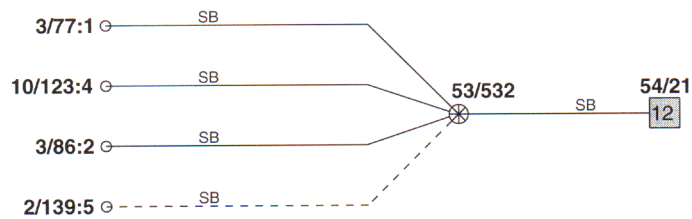
Junction points

- 53/531 Left rear door cable harness
- 53/532 Right rear door cable harness
- 53/533 Roof cable harness
- 53/534 Roof cable harness

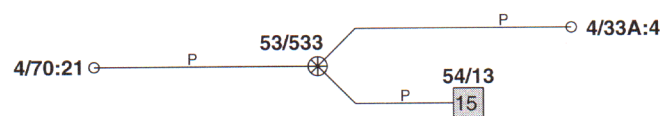
53/531



53/532



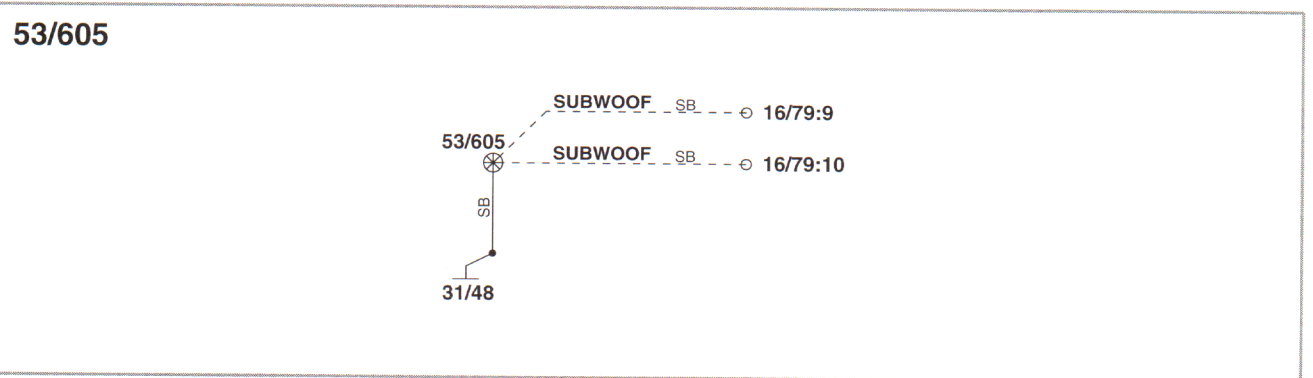
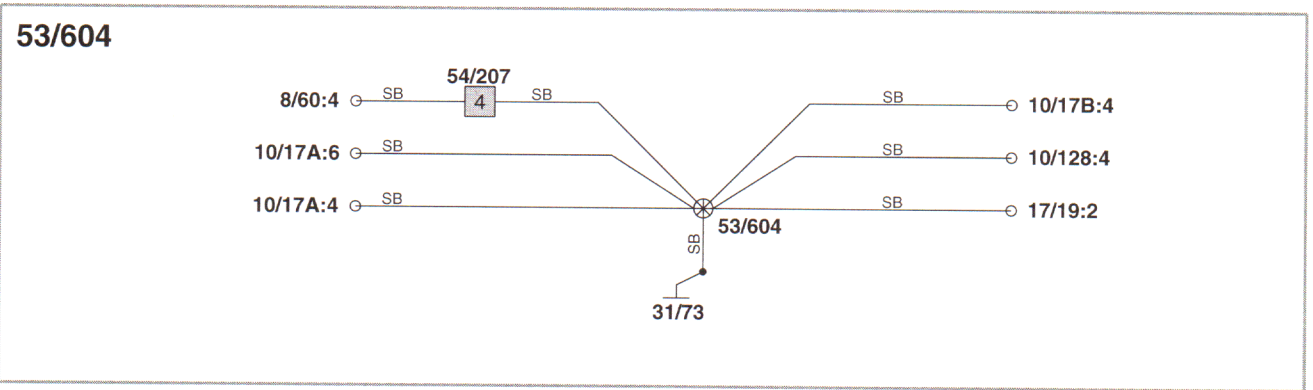
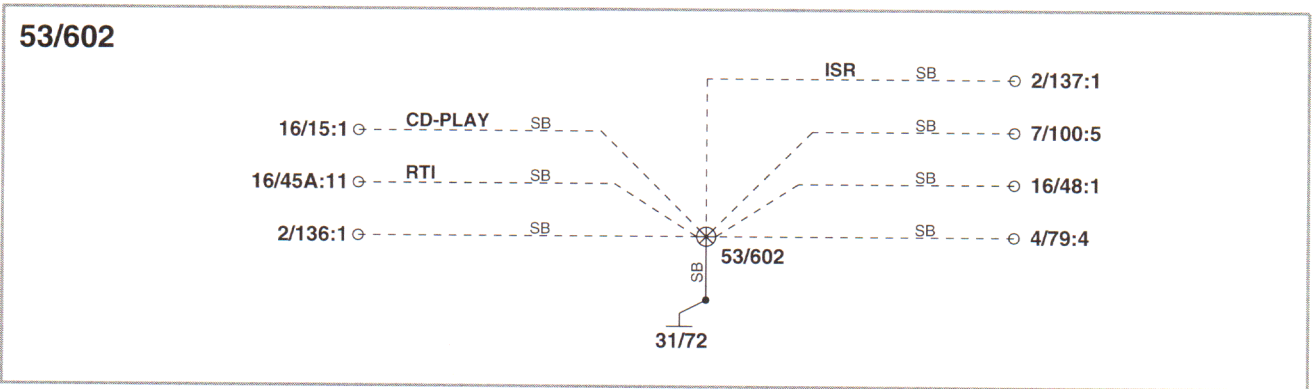
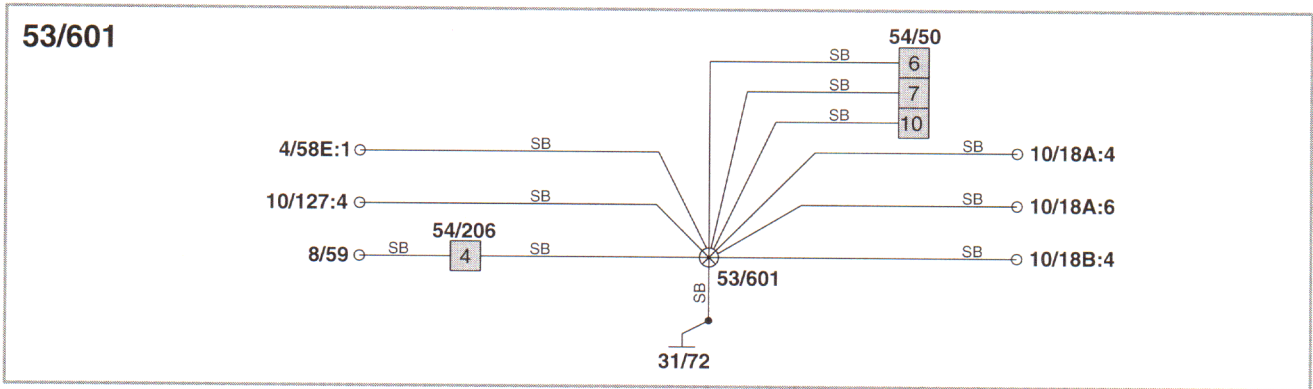
53/533



53/534



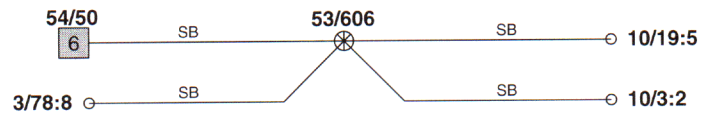
- 53/601 Cargo compartment cable harness
- 53/602 Cargo compartment cable harness
- 53/604 Cargo compartment cable harness
- 53/605 Cargo compartment cable harness



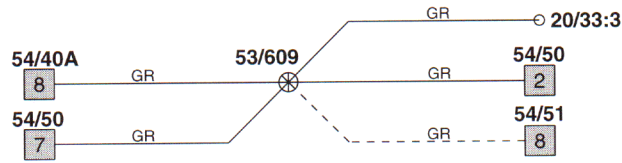
Junction points

- 53/606 Tailgate cable harness
- 53/609 Cargo compartment cable harness
- 53/615 Cargo compartment cable harness

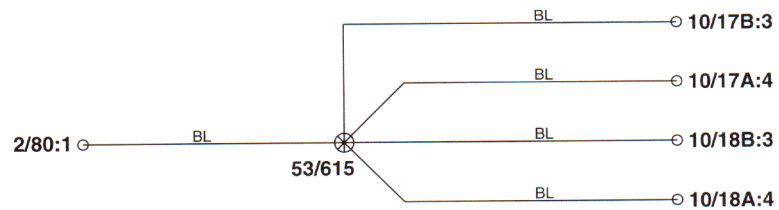
53/606



53/609

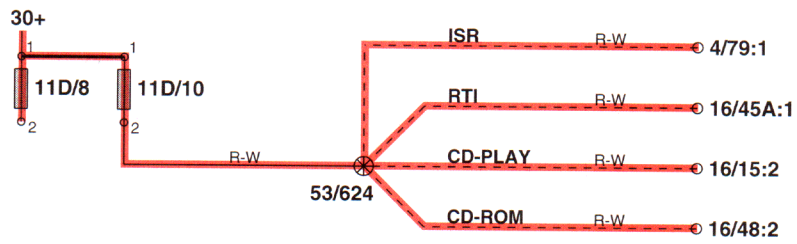


53/615

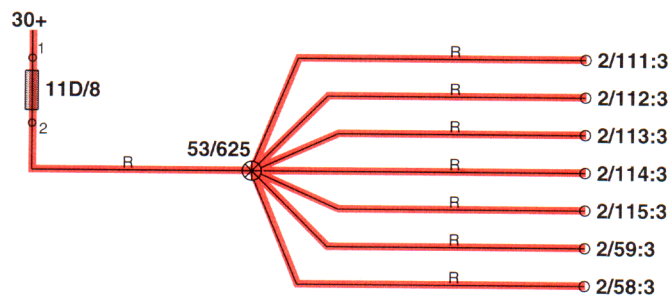


- 53/624 Cargo compartment cable harness
- 53/625 Cargo compartment cable harness
- 53/652 Cargo compartment cable harness

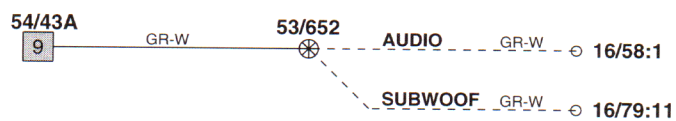
53/624



53/625

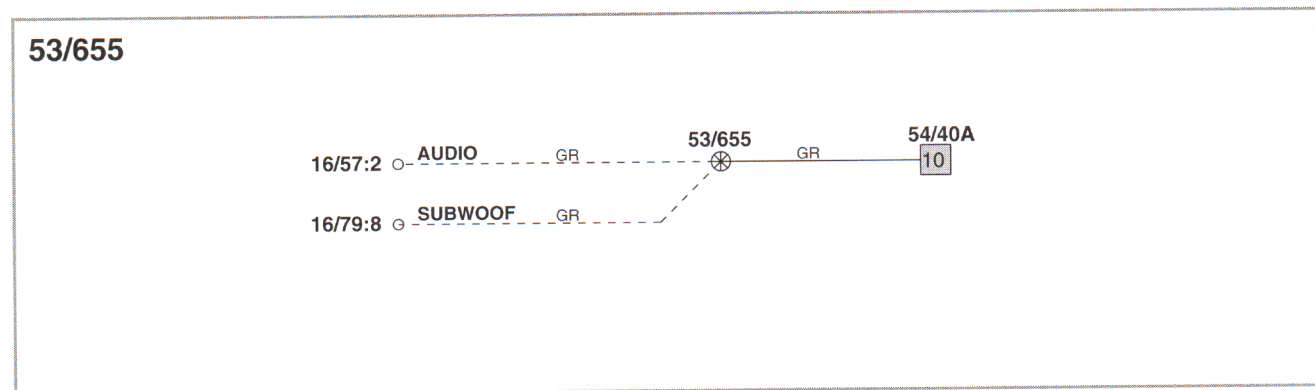
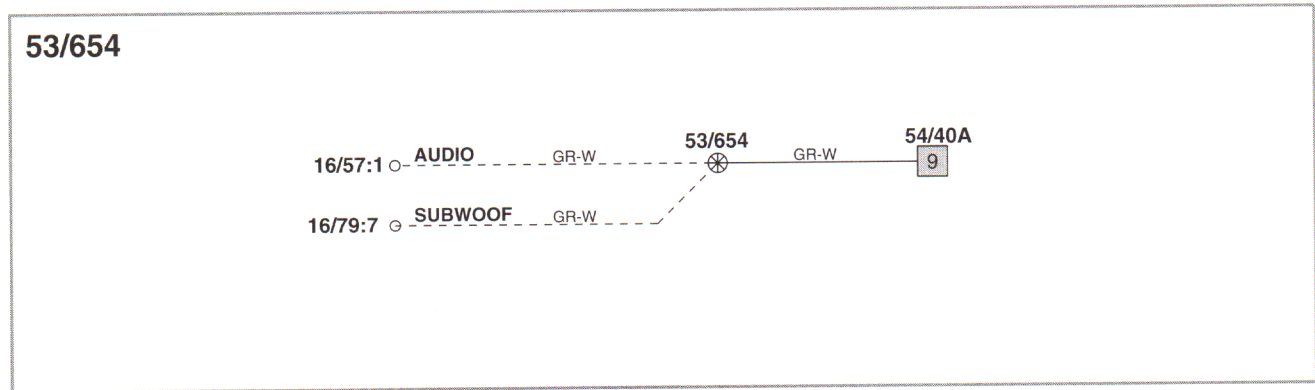
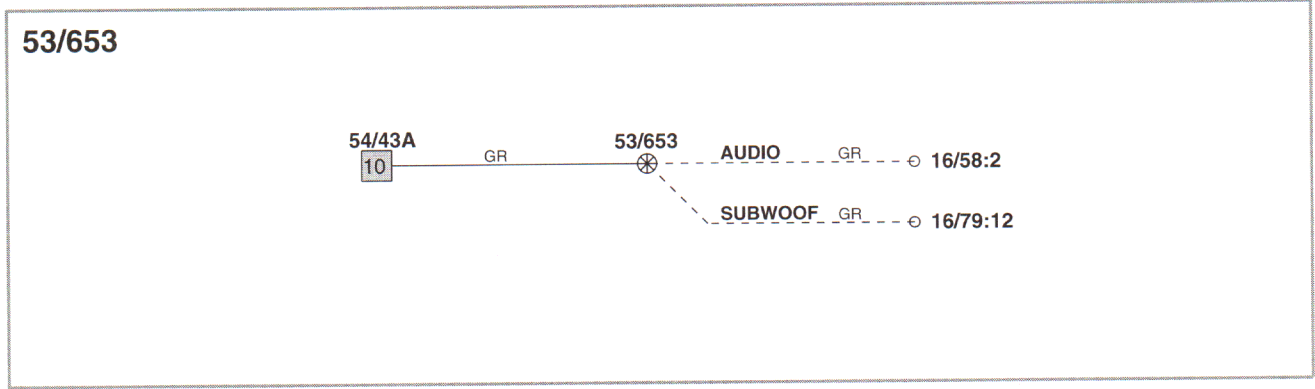


53/652



Junction points

- 53/653 Cargo compartment cable harness
- 53/654 Cargo compartment cable harness
- 53/655 Cargo compartment cable harness



Ground connection

31/67
Switch module, right front door (PDM/DDM)
Deadbolt relay, RH rear door
Lock unit, right rear door
Entry lighting, rear RH side (S80)
Right rear power window switch
Right seat warmer
Power driver seat control module (PSM) (RHD)
Power passenger seat control module (LHD)

31/70
Front auxiliary light

31/72
LH side cargo compartment lighting (S80)
Head restraint solenoid, left rear (S80)
LH rear light cluster
Rear electronic module (REM)
Tailgate/trunk lock unit
License plate lighting
Tailgate handle switch (S80)
Vehicle inclination sensor module (ISM)
CD changer (S80)
RTI system control module
RTI CD-ROM player
Auxiliary brake light (V70)
Rear window wiper motor (V70)
Pager alarm (ISR)
Pager alarm relay (ISR)

31/73
RH side cargo compartment lighting (S80)
Head restraint solenoid, right rear (S80)
RH rear light cluster
Connector
Cable harness, cargo compartment / towing bracket
Cargo compartment power outlet

31/83
Driver information module (DIM)
Antenna ring/Ignition switch lighting
Auxiliary brake light (S80)
Rear reading light
Upper electronic module (UEM)
Switch module, dome light
LH side vanity mirror lighting
RH side vanity mirror lighting
Microwave sensor alarm (MMS)
Sunroof control module (SRM)
Switch module, left front door (DDM/PDM)
Cargo compartment dome light (V70)
SIPS bag igniter, left front (S80)
SIPS bag igniter, right front (S80)

31/84
Light switch module (LSM)
Steering wheel module (SWM)
Switch module, climate control (CCM)
Data link connector
Radio (AUM)
Amplifier
Control module and telephone keypad (PHM)
RTI Display
Steering angle sensor control module (SAS)

31/88

Spark plug and ignition coil 1
Spark plug and ignition coil 2

31/89

Spark plug and ignition coil 3
Spark plug and ignition coil 4
Spark plug and ignition coil 5
Spark plug and ignition coil 6

31/91

Electronic throttle module (ETM)
PTC resistor - air preheating

31/93

LH headlight
RH headlight
Left front fog light
Right front fog light
Left front indicator light
Right front indicator light
Side marker light, front left (S80)
Side marker light, front right (S80)
Horn 1
Horn 2
Intermittent windshield wiper relay
Front washer motor relay
Capacitor
Brake fluid level sensor
Speed-dependent stepper motor
Power steering
Accelerator pedal position sensor
Coolant level sensor (S80)
Windshield wiper motor

31/93

Left headlight wiper motor
Right headlight wiper motor
LH beam length adjustment motor
RH beam length adjustment motor
Alarm contact, hood
LH side turn signal
Auxiliary heater control module (CPM)
Rear washer motor relay (V70)
Brake light switch

31/94

Alarm siren (SCM)

31/95

Anti-lock brakes control module (ABS)

31/96

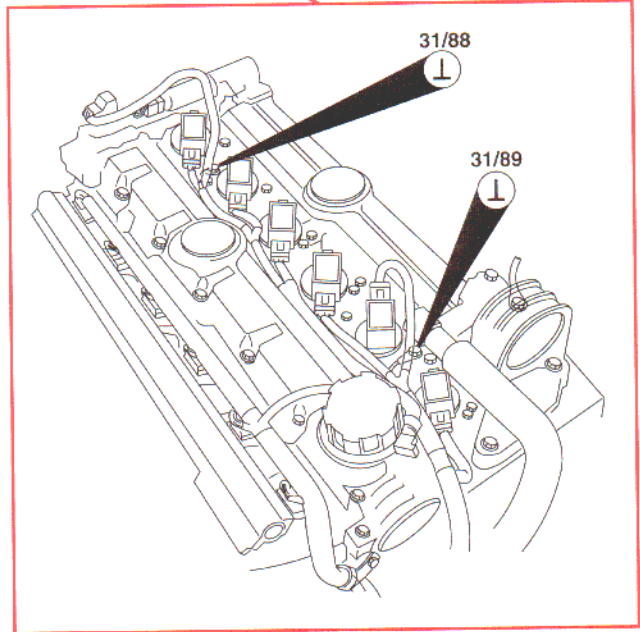
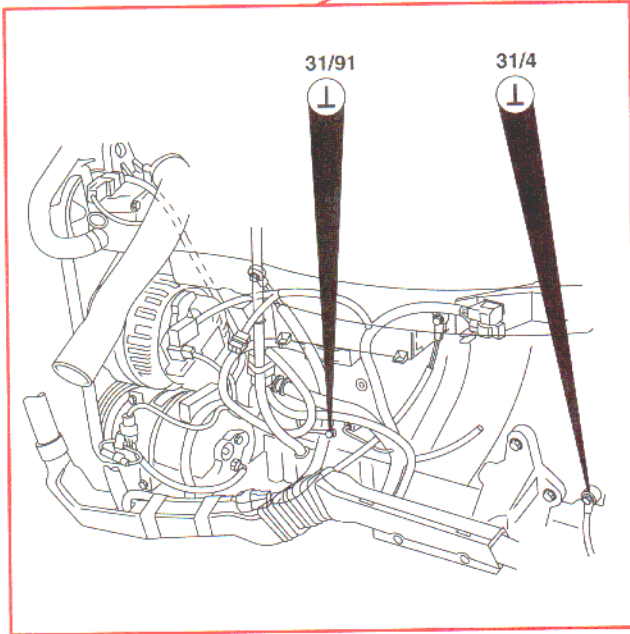
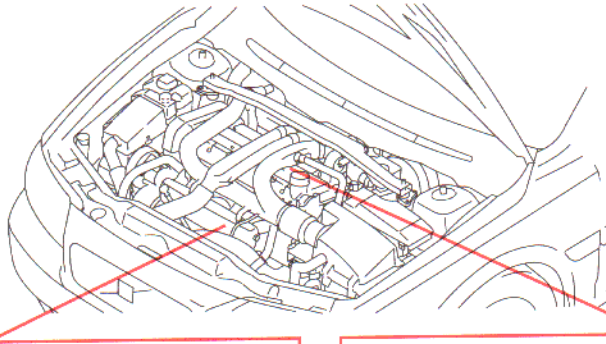
Engine control module (ECM)
Transmission control module (TCM)
Automatic transmission solenoids
Gear position contacts
Reversing light contact
PTC resistor - air preheating

31/98

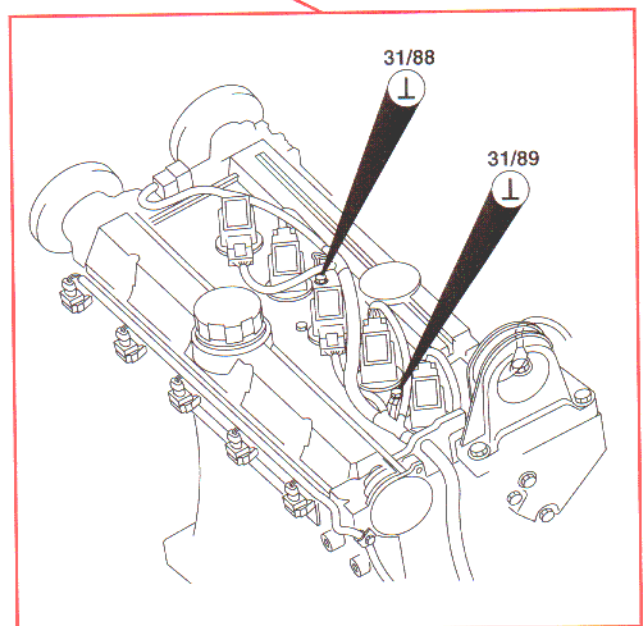
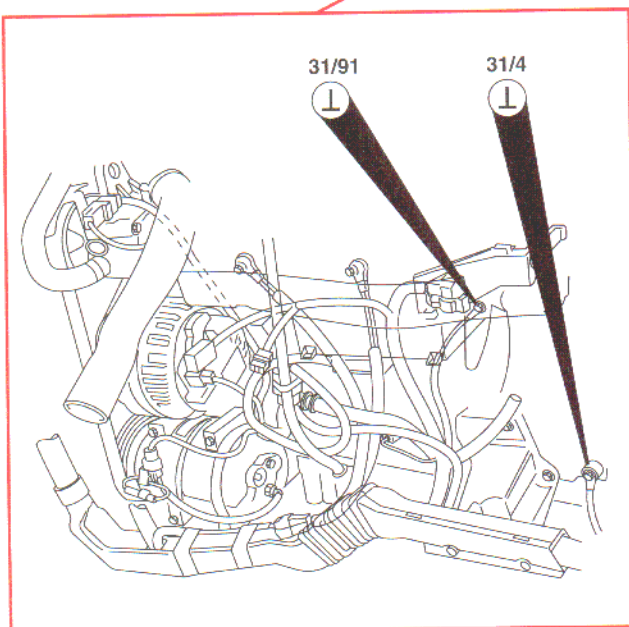
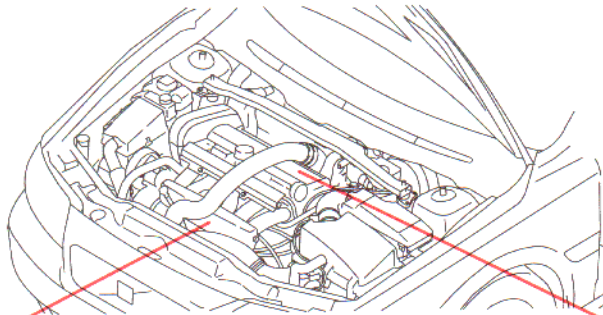
RH side vanity mirror lighting
Junction point 53/503

Ground connection

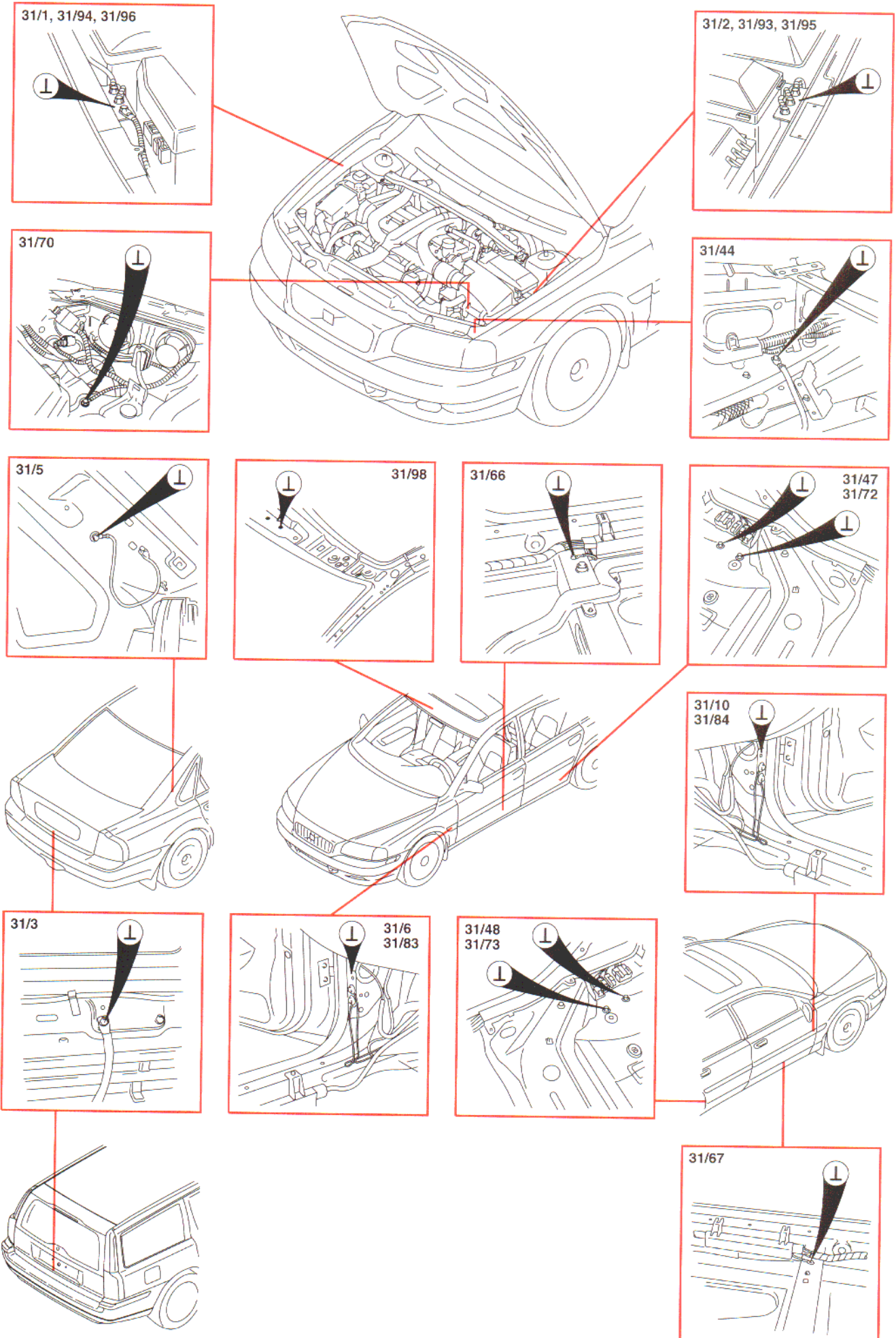
6CYL



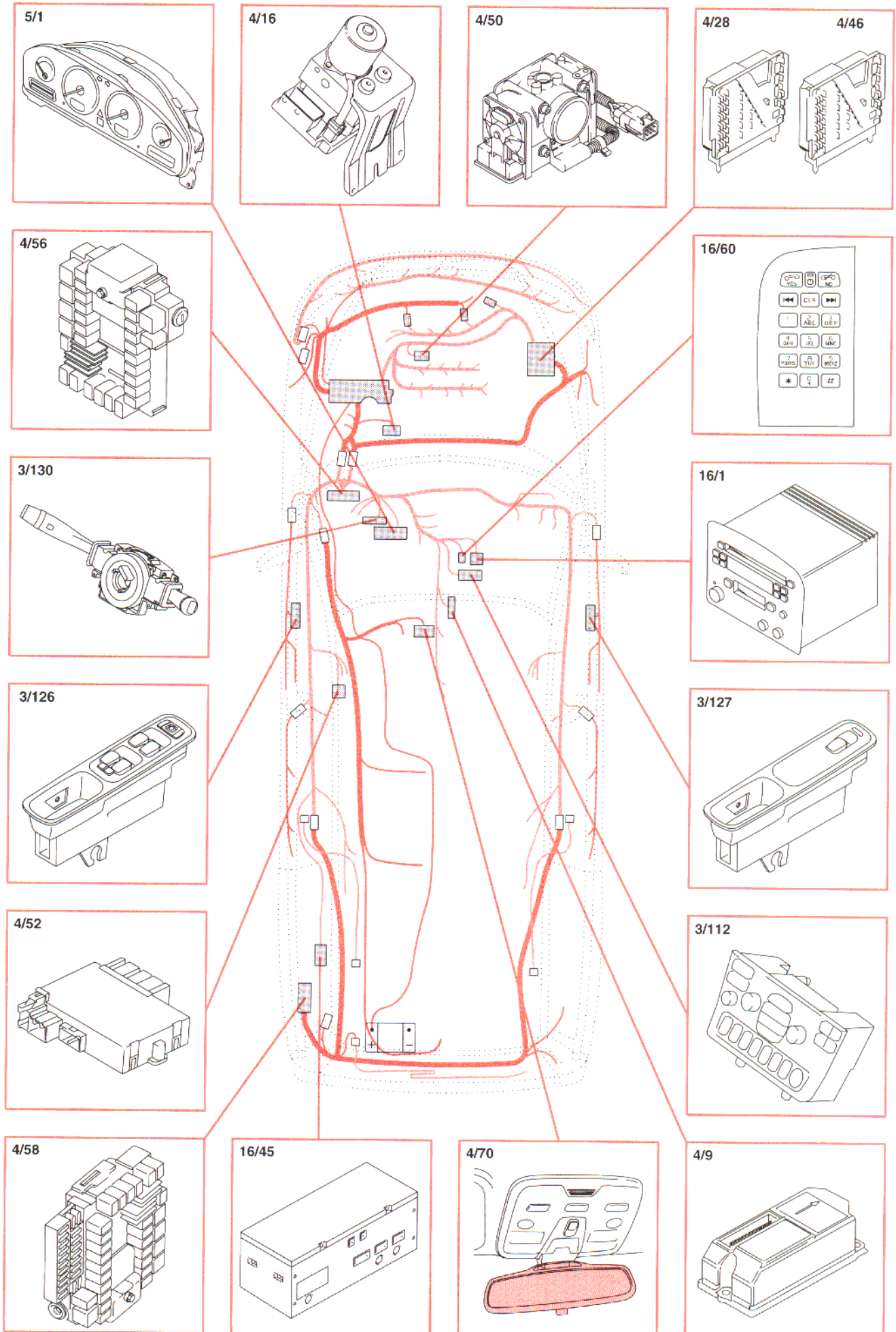
5CYL



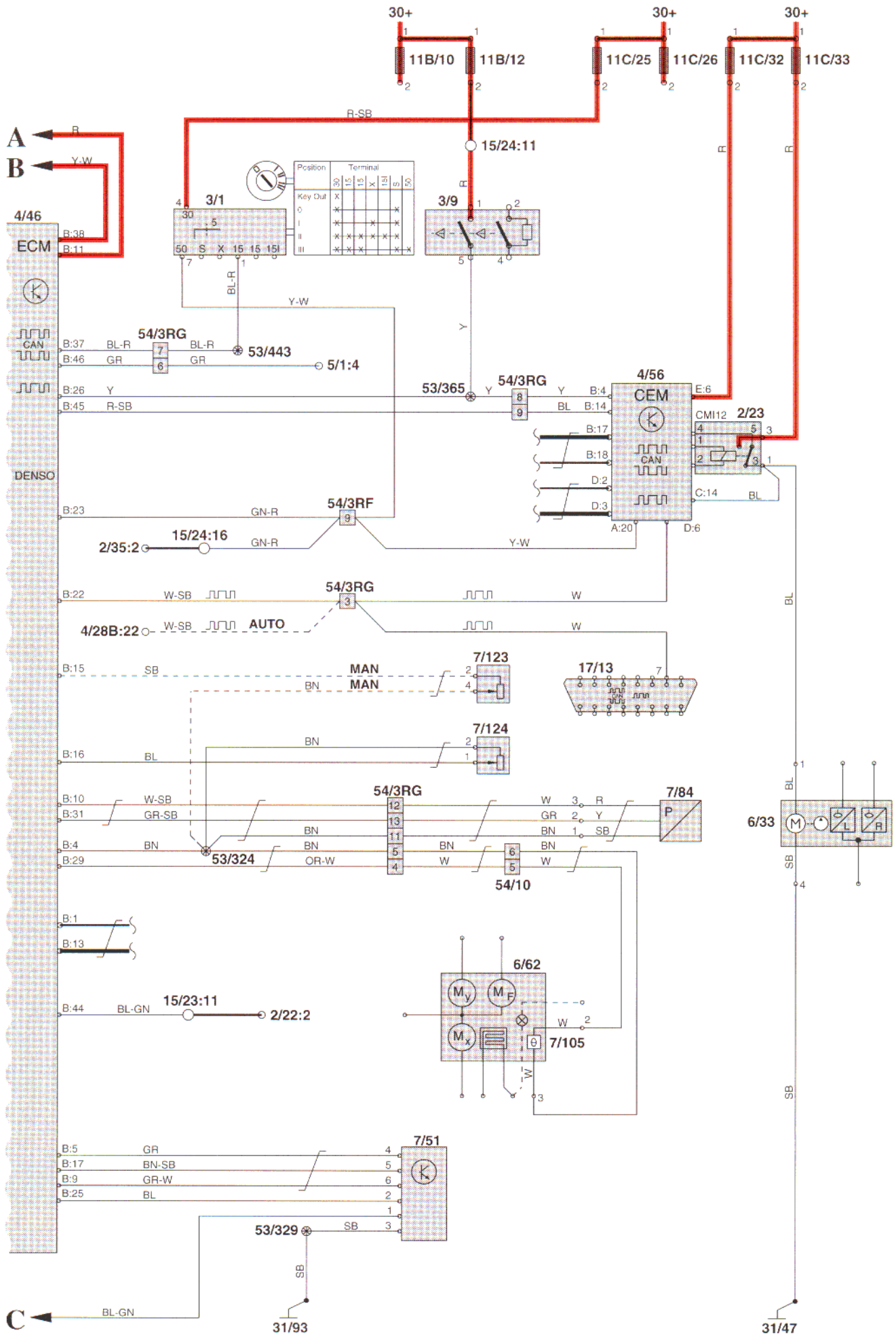
Ground connection



Control modules - overview V70

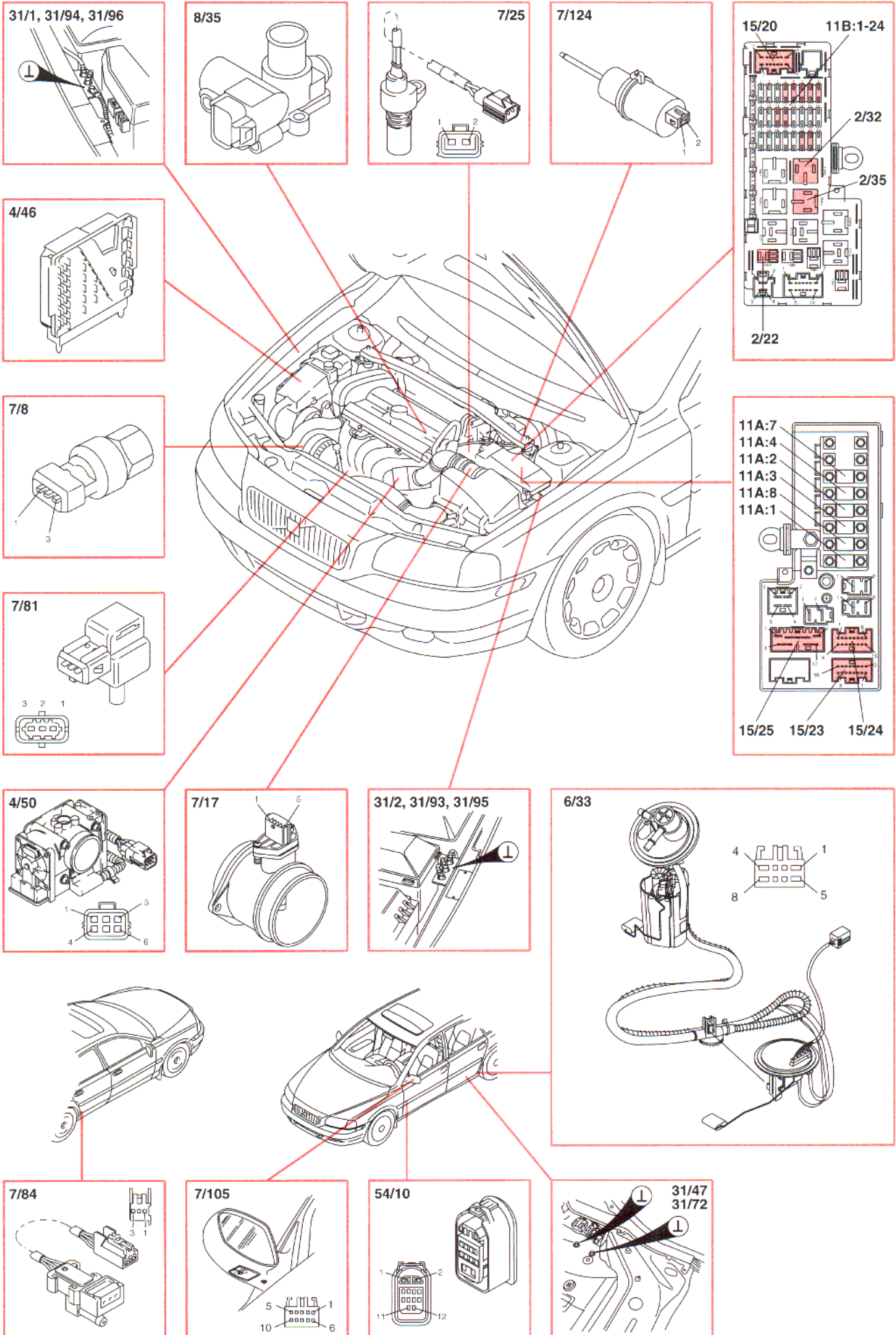


Engine control system Denso

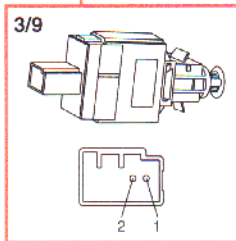
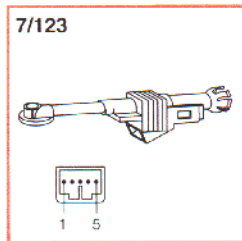
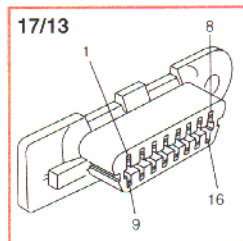
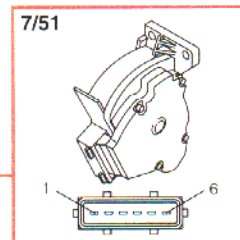
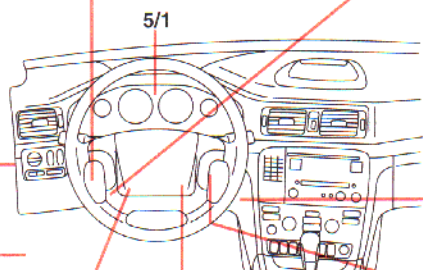
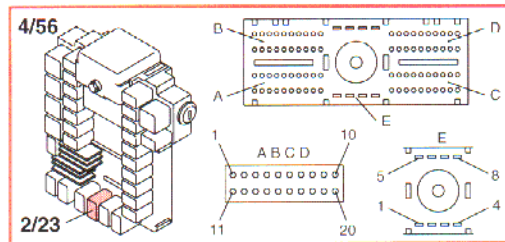
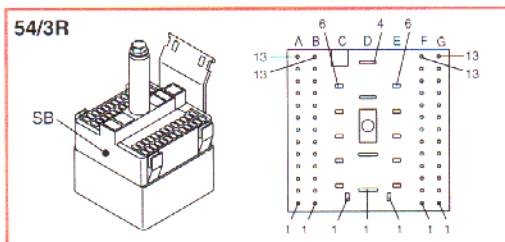
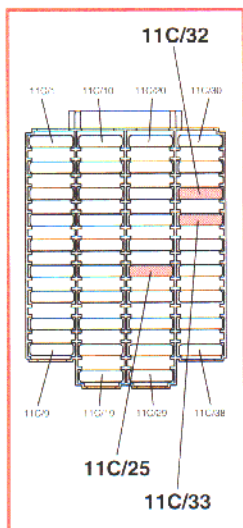


Engine control system

Denso

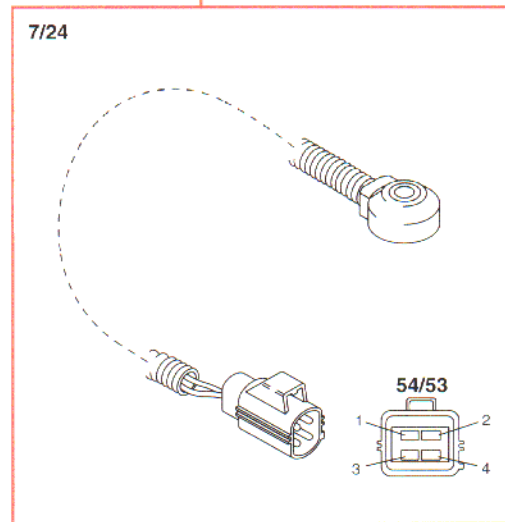
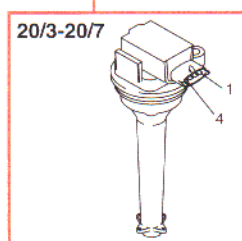
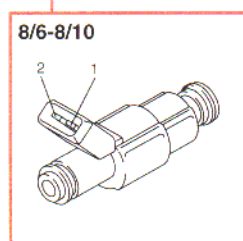
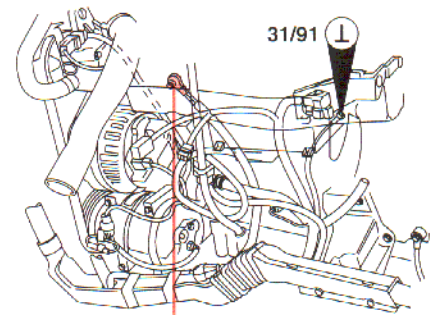
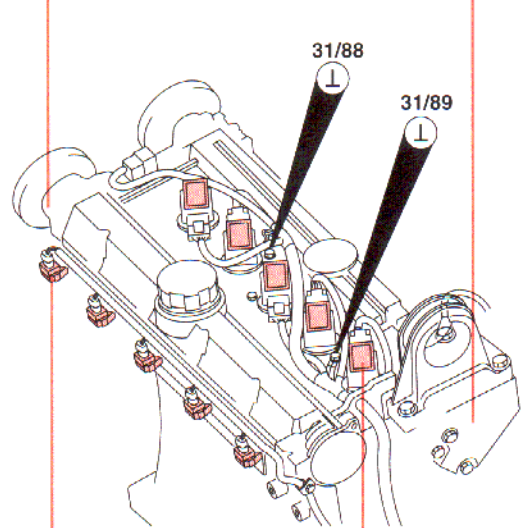
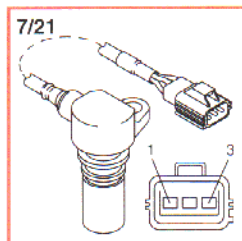
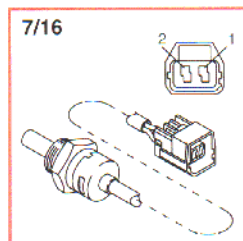


Engine control system Denso

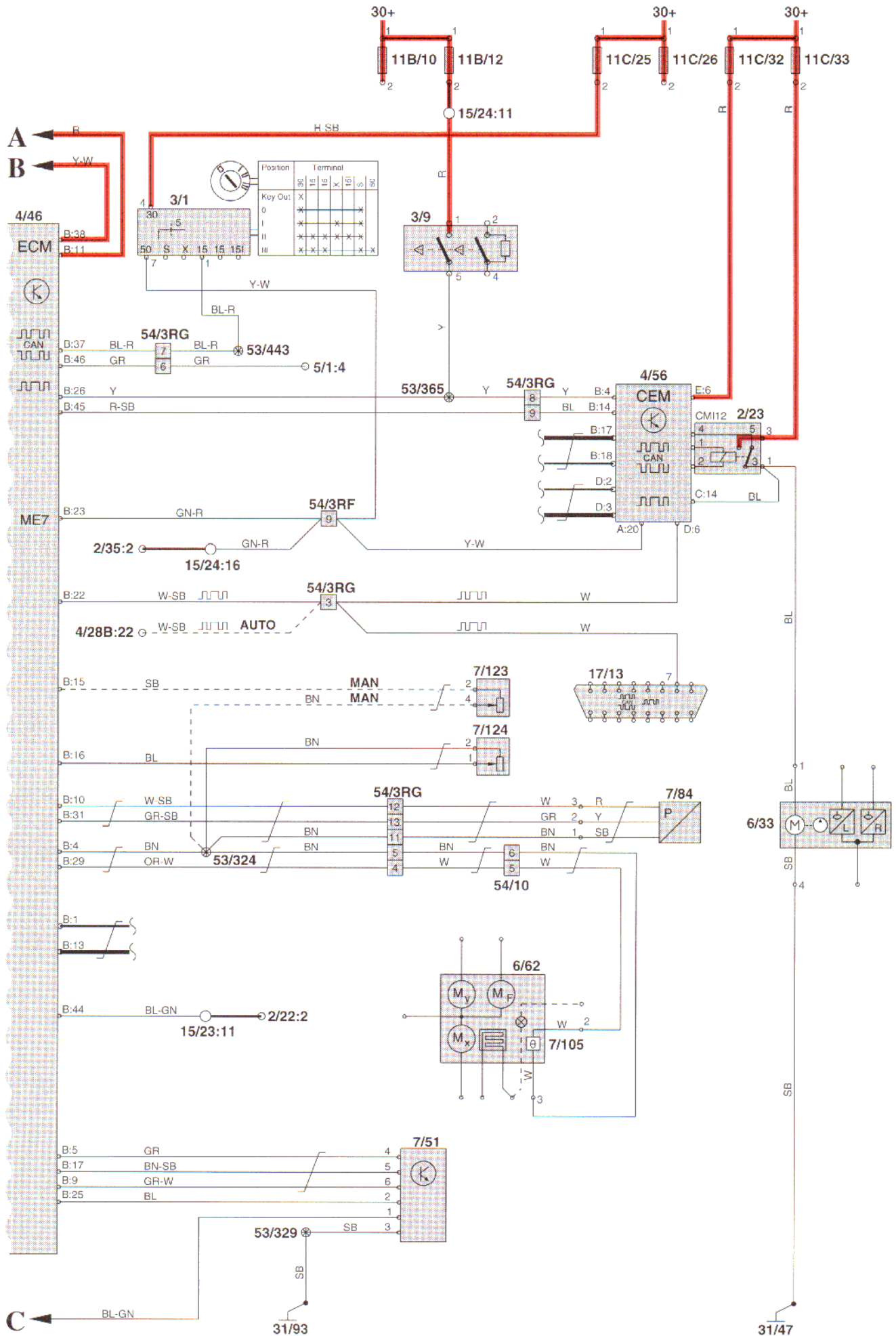


Term.	Color
1	BL-R
2	-
3	Y
4	R-SB
5	-
6	VO
7	Y-W
8	-

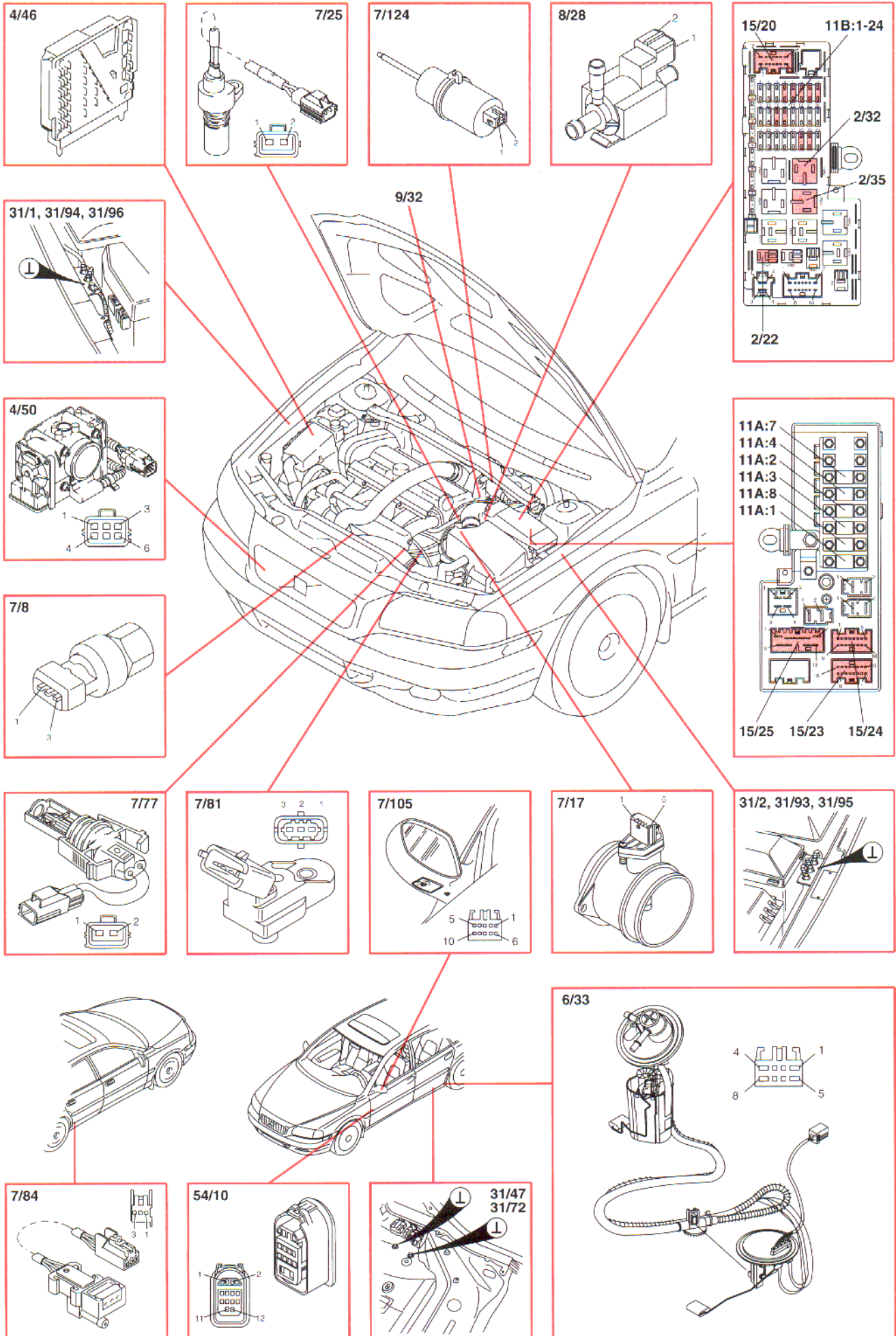
Position	Terminal
Key Out	X
0	X
I	X
II	X



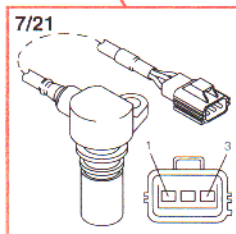
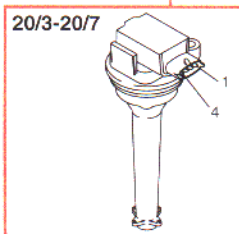
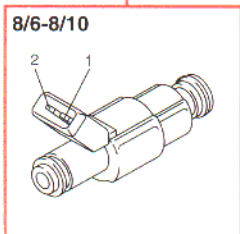
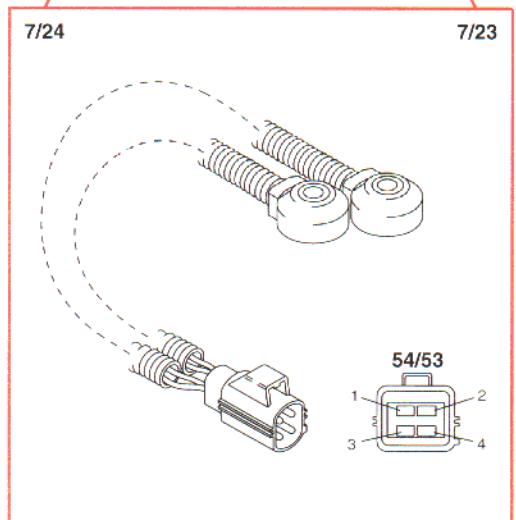
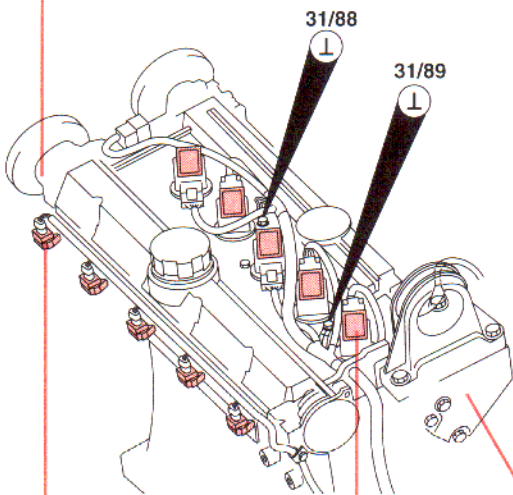
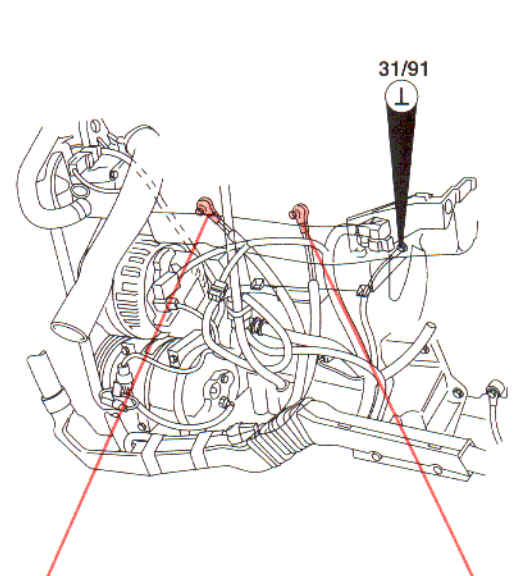
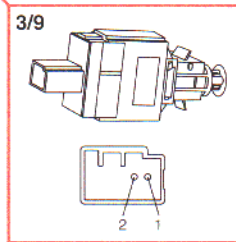
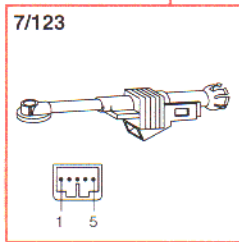
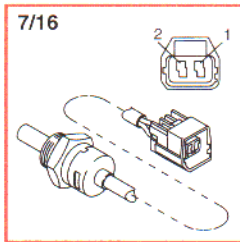
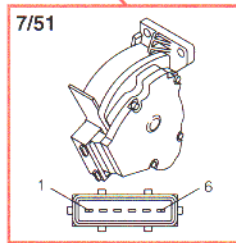
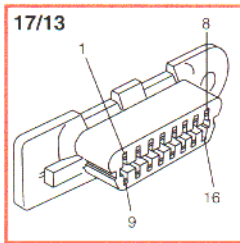
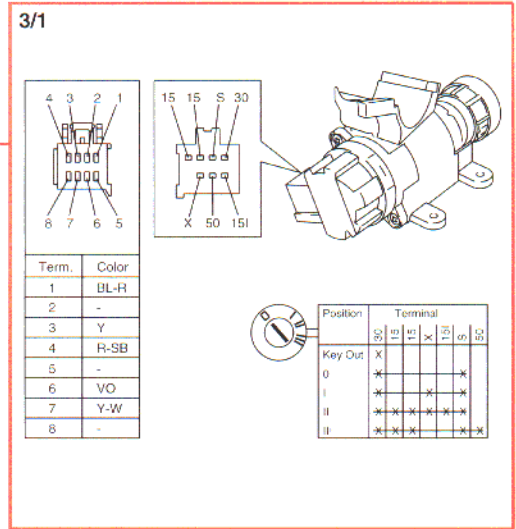
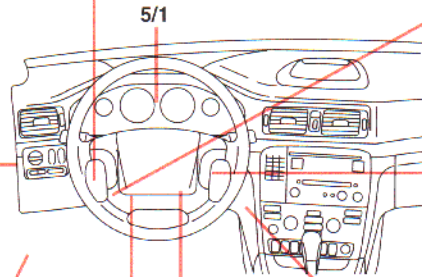
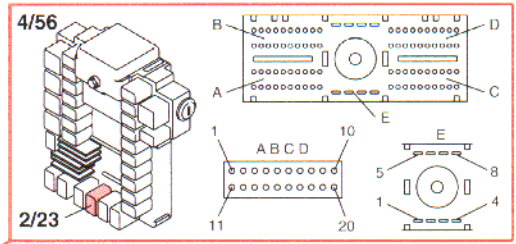
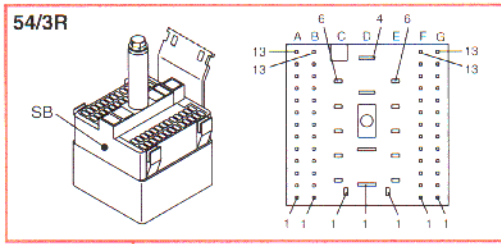
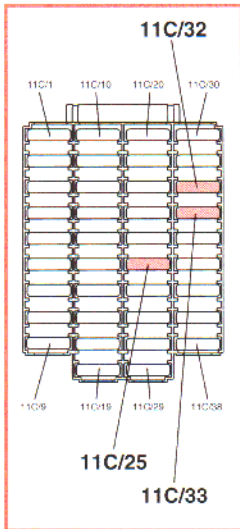
Engine control system ME7, 5 cylinder



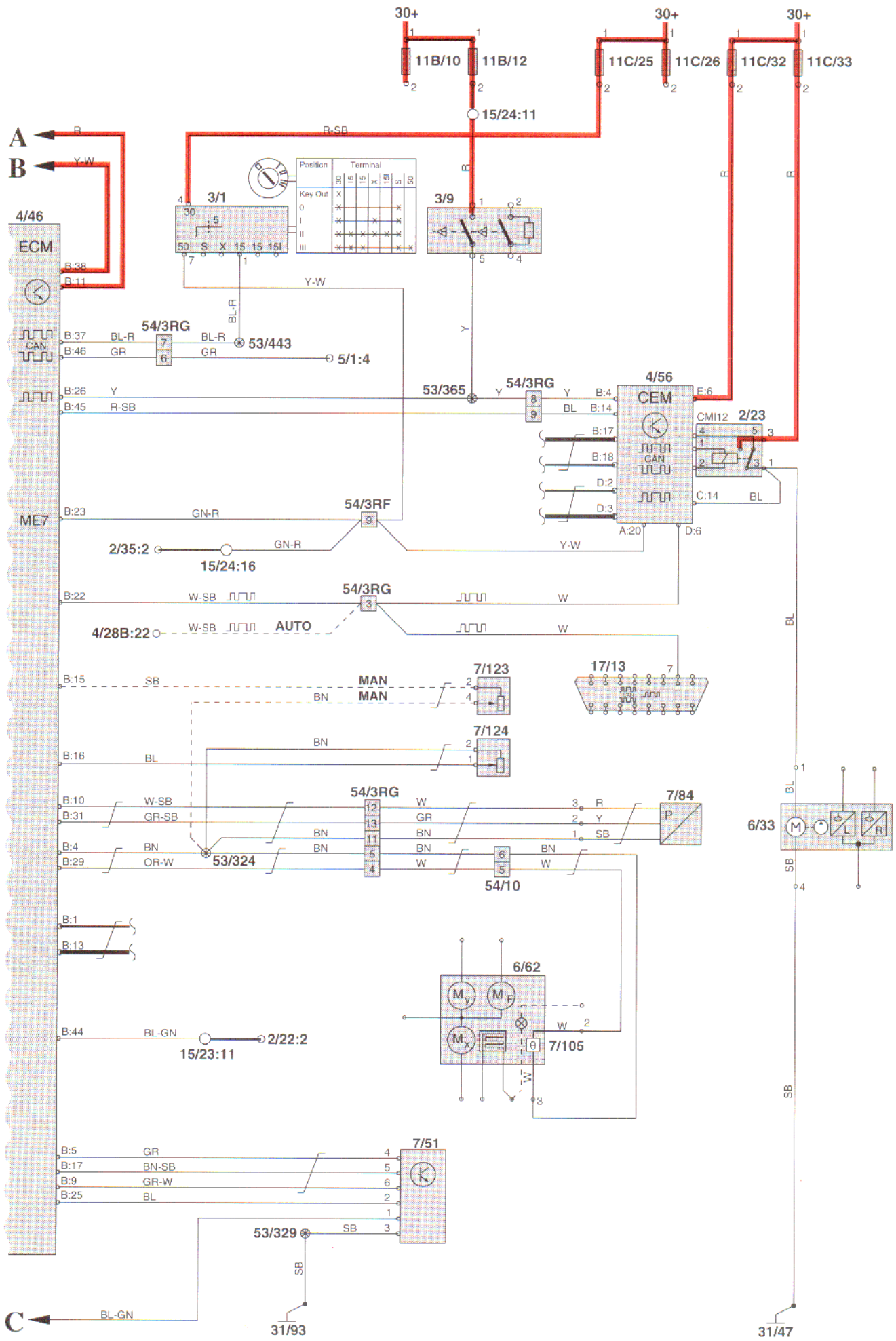
Engine control system ME7, 5 cylinder



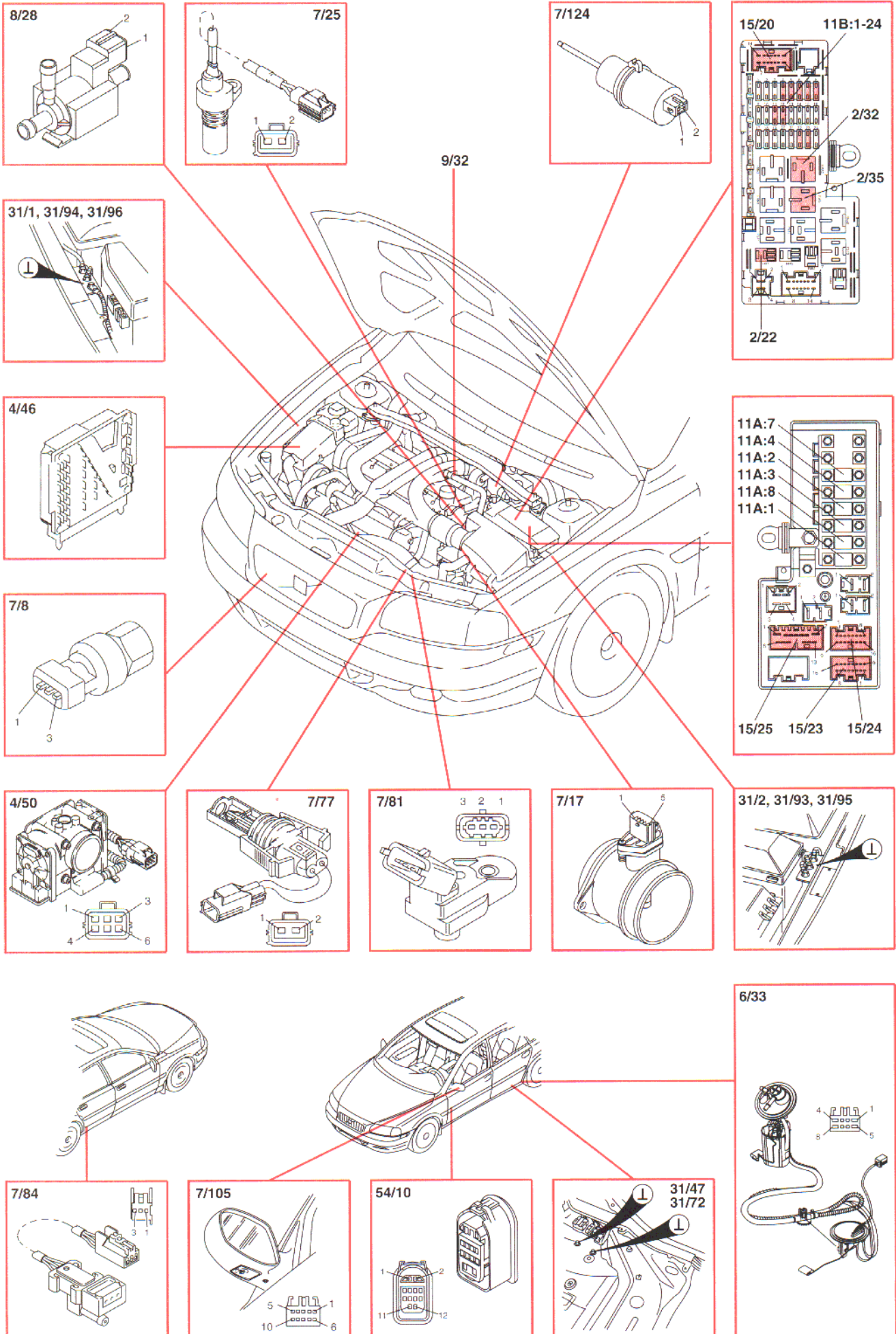
Engine control system ME7, 5 cylinder



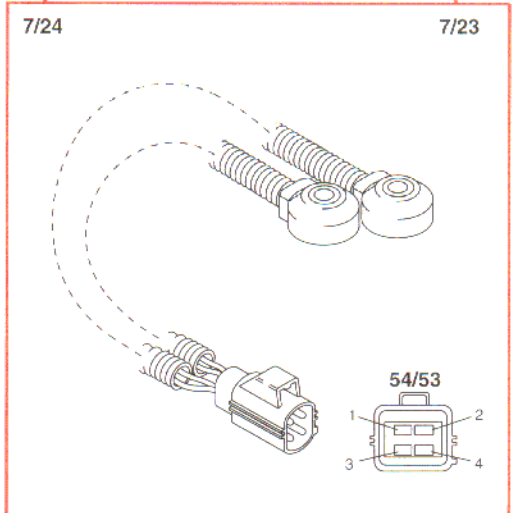
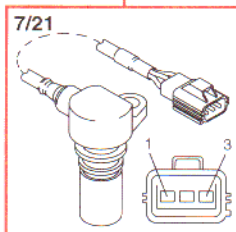
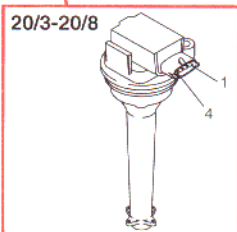
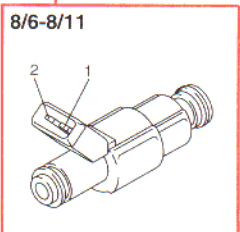
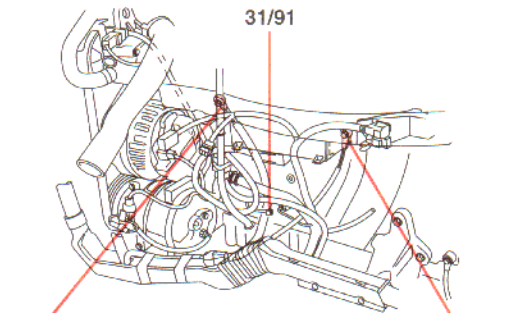
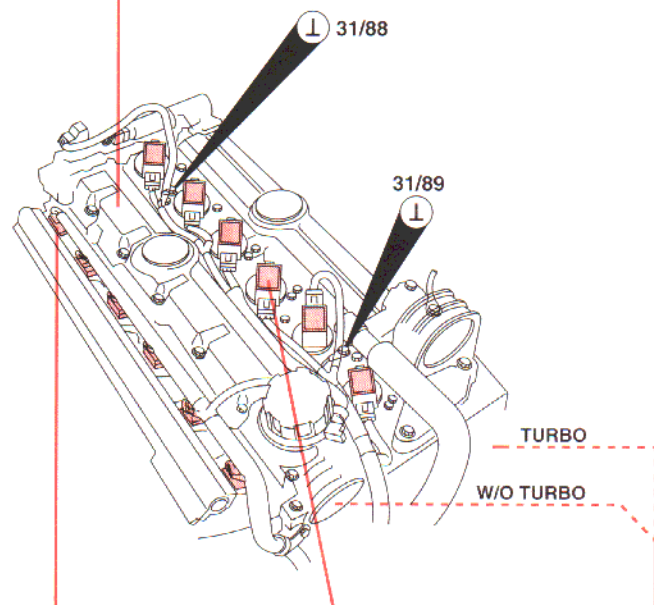
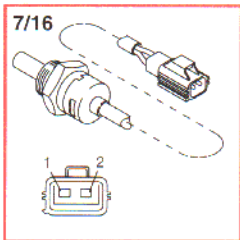
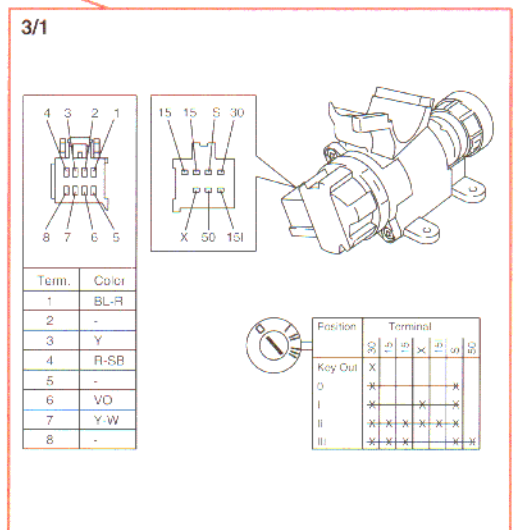
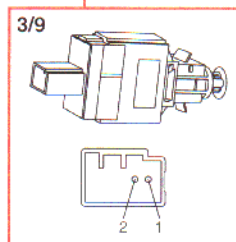
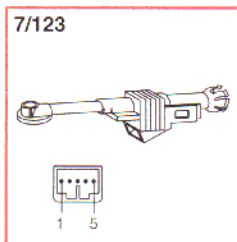
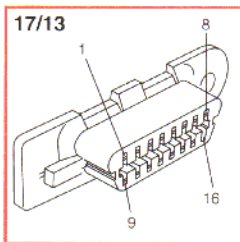
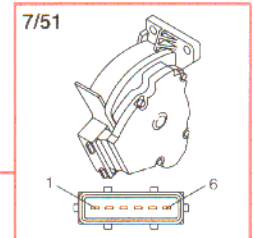
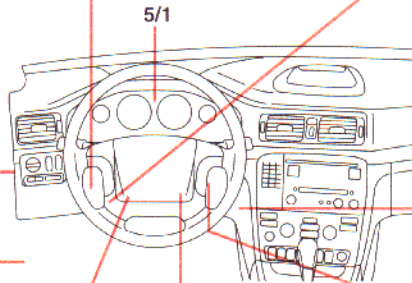
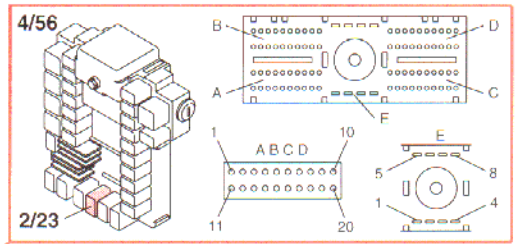
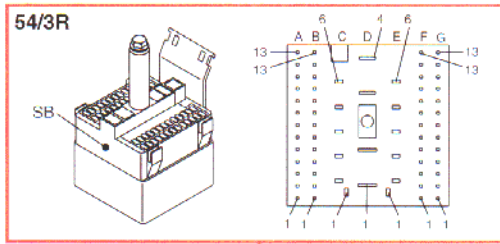
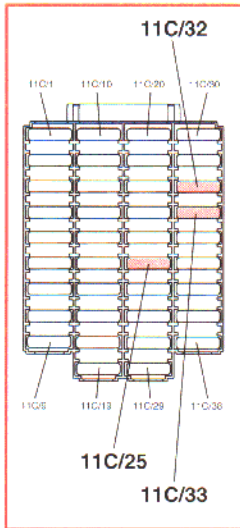
Engine control system ME7, 6 cylinder



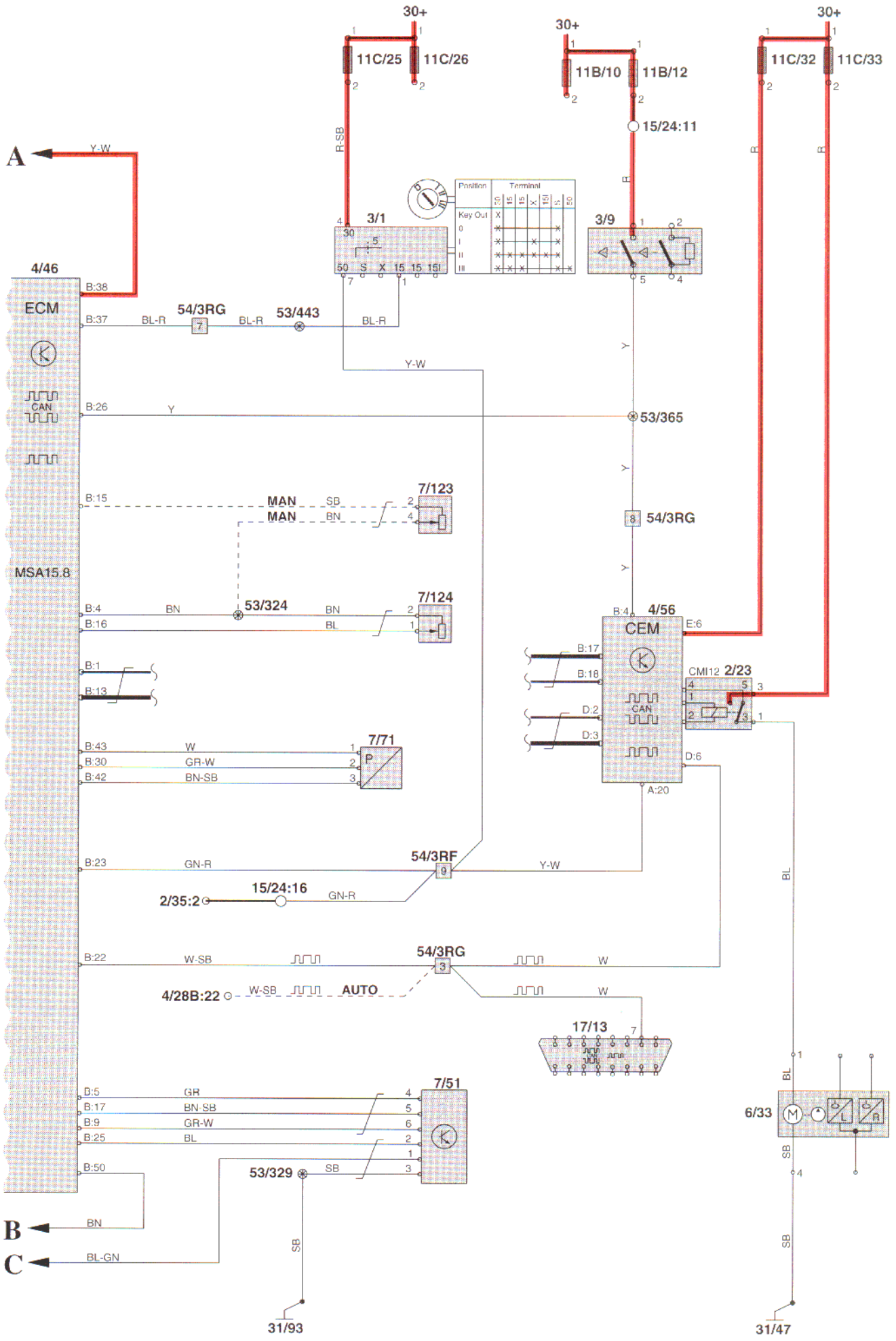
Engine control system ME7, 6 cylinder



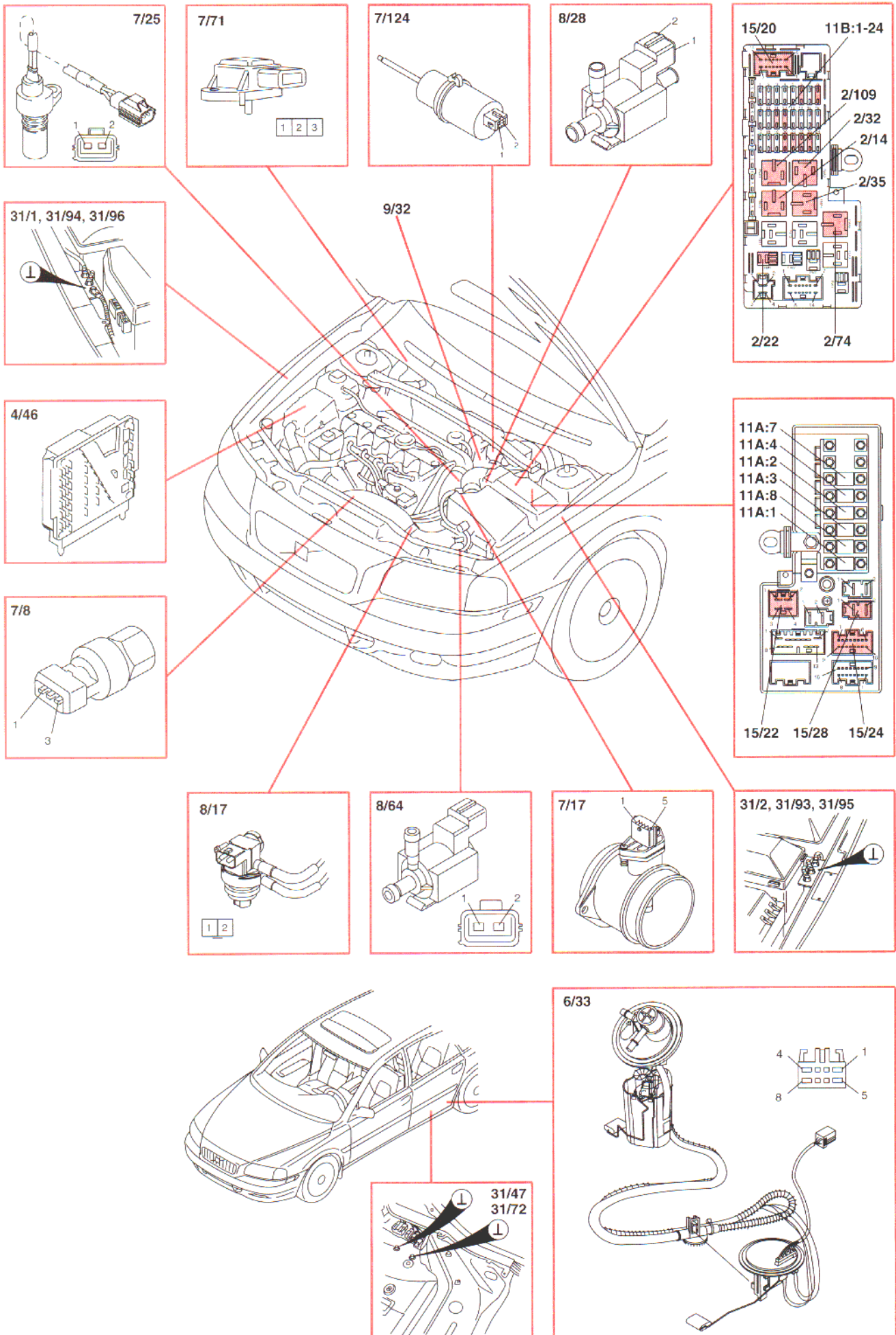
Engine control system ME7, 6 cylinder



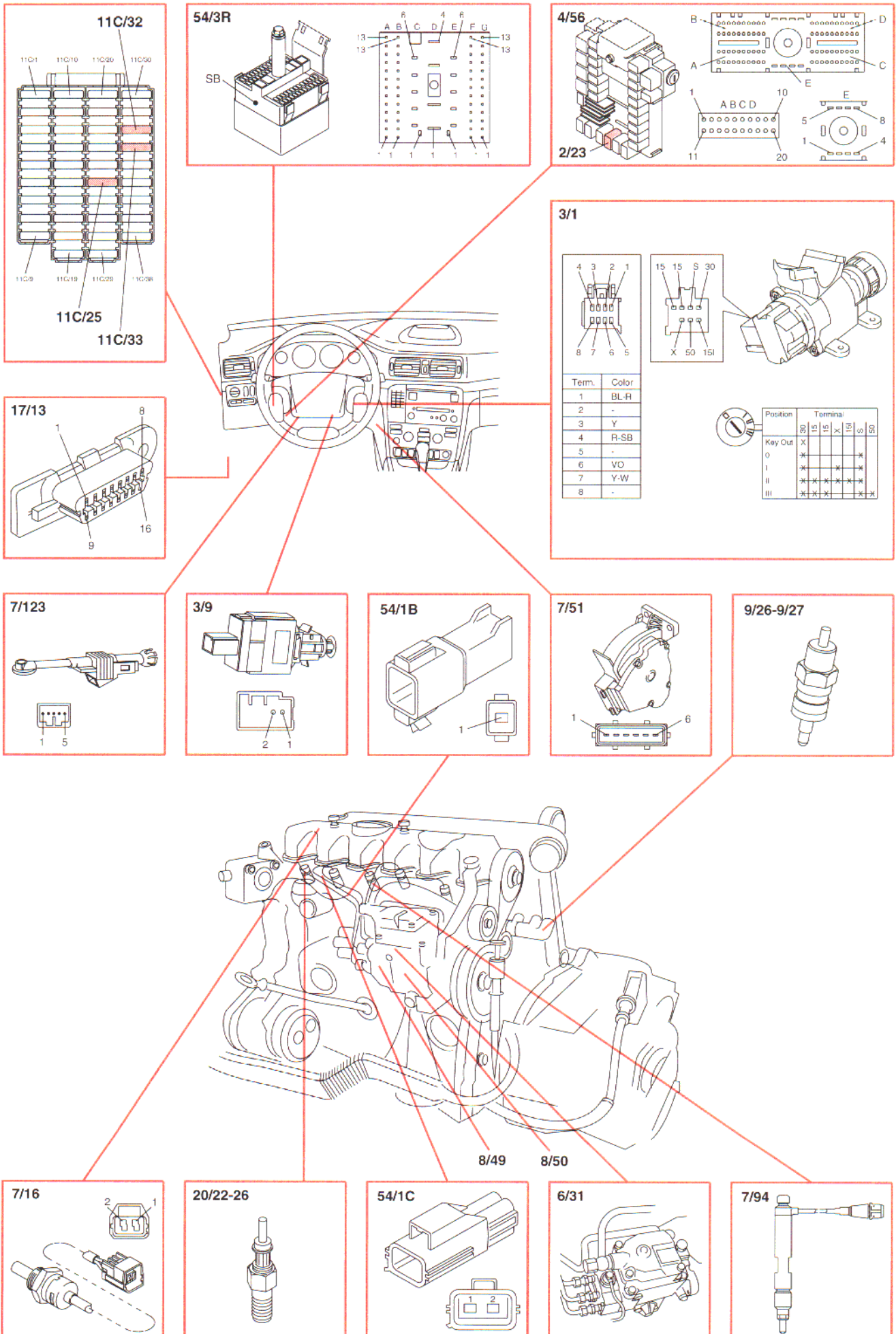
Engine control system MSA 15.8



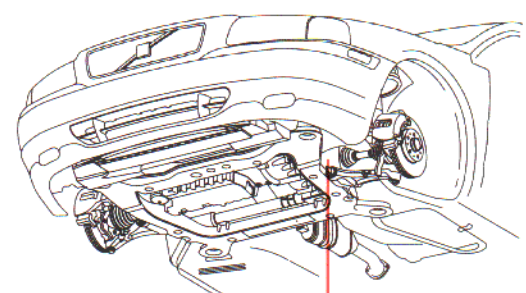
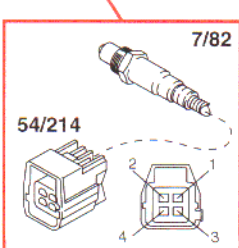
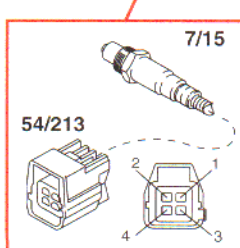
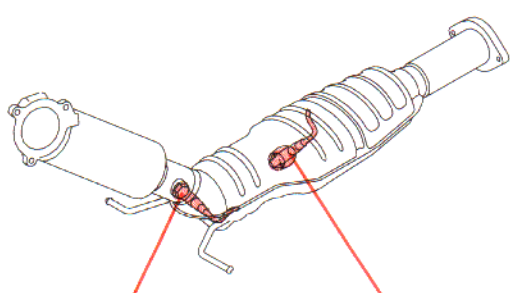
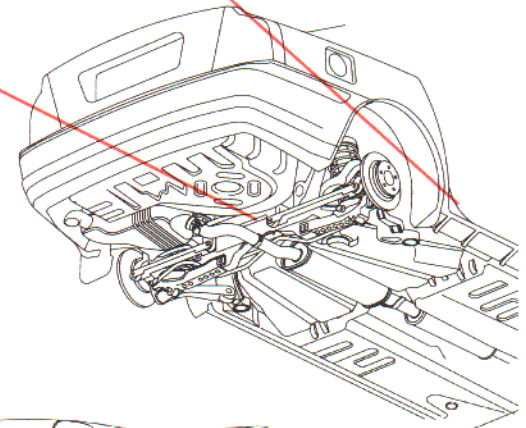
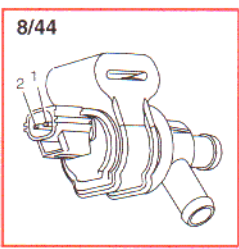
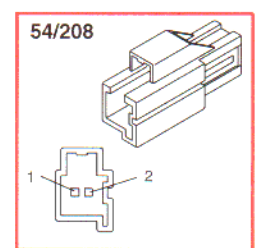
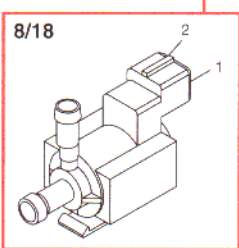
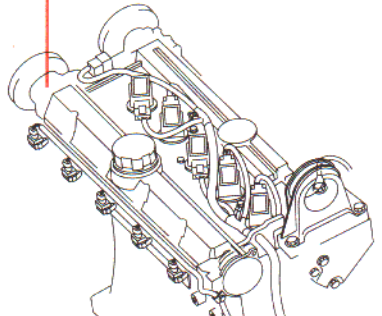
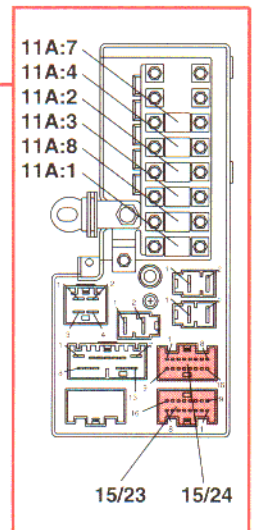
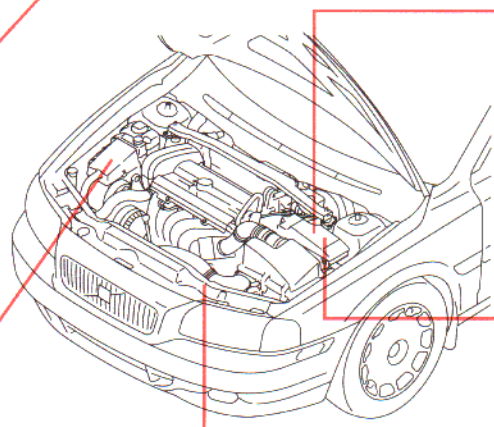
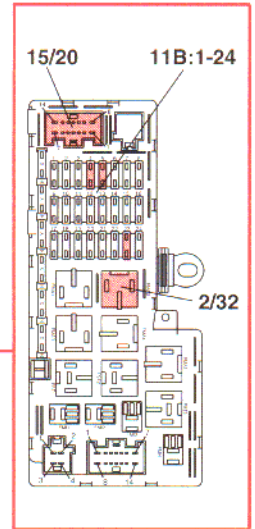
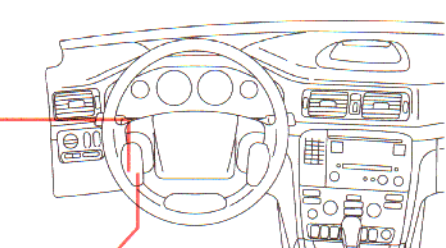
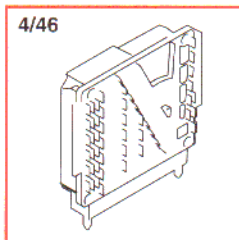
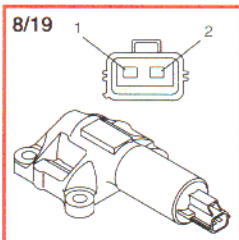
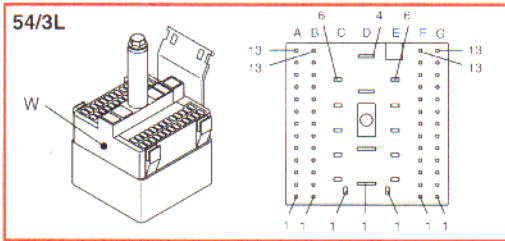
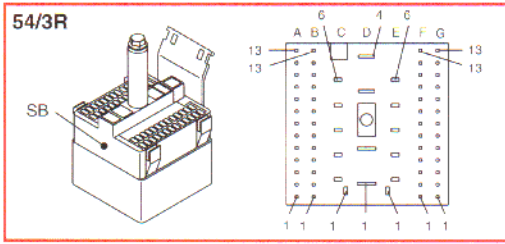
Engine control system MSA 15.8



Engine control system MSA 15.8

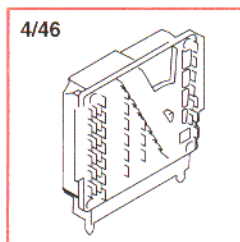
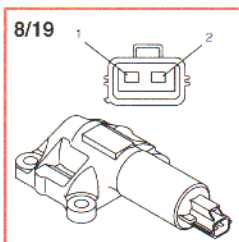
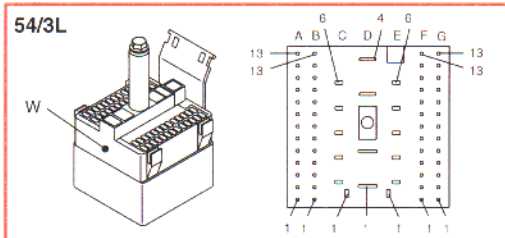
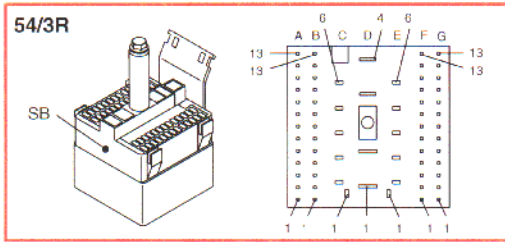


Emission control Denso



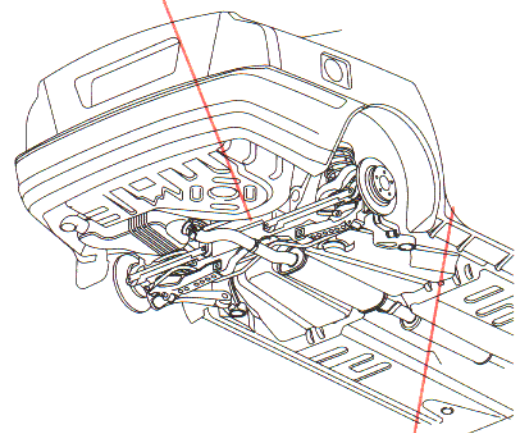
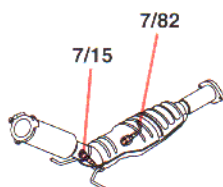
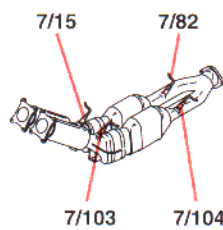
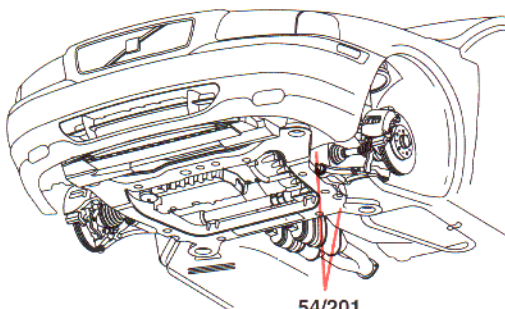
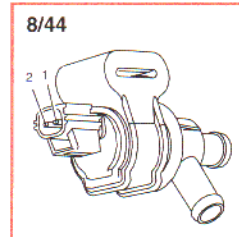
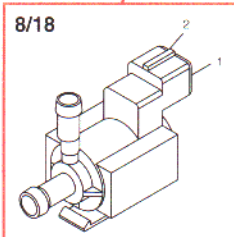
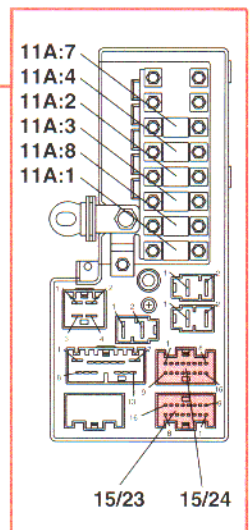
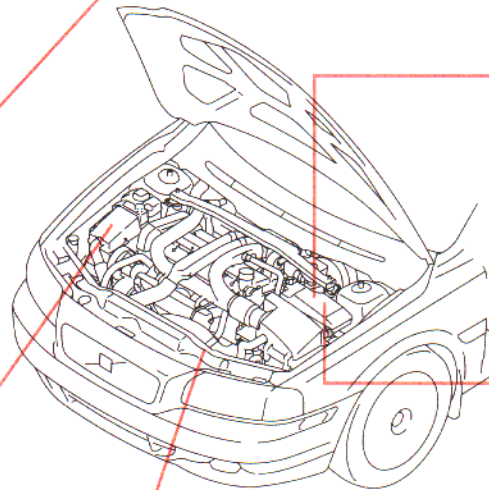
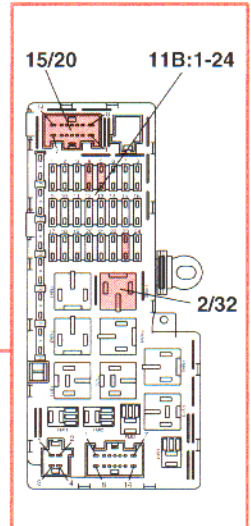
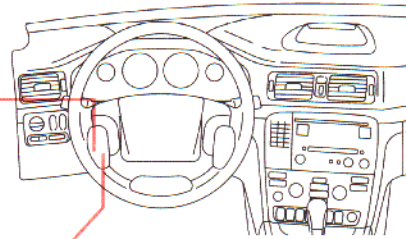
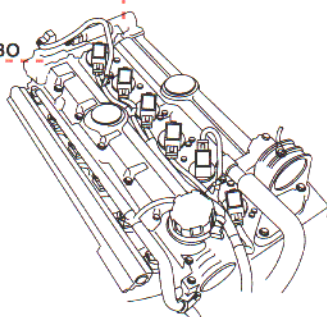
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Emission control ME7

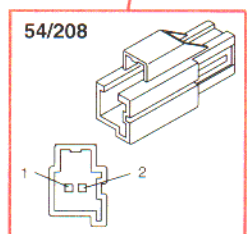
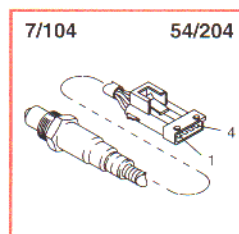
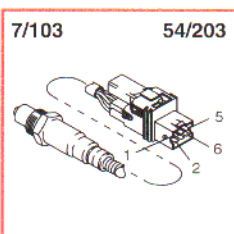
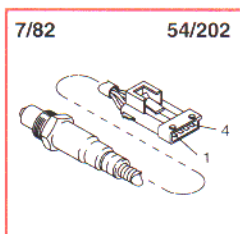
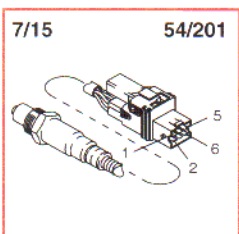


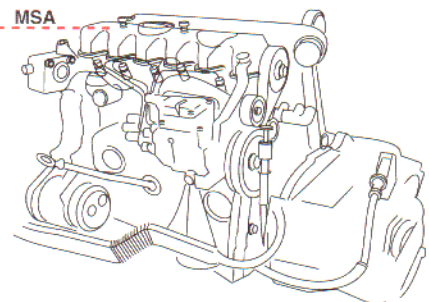
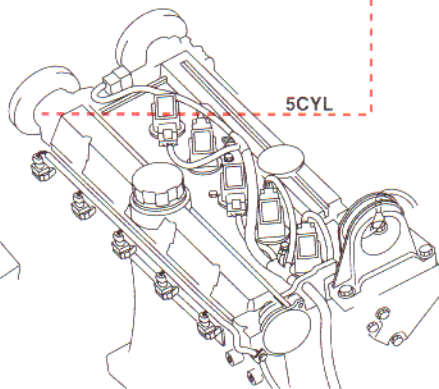
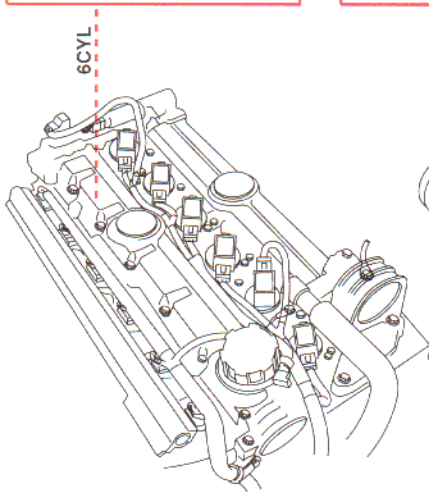
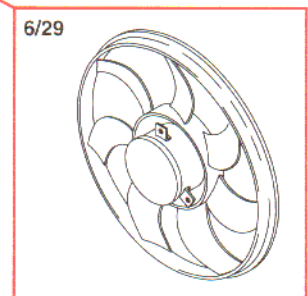
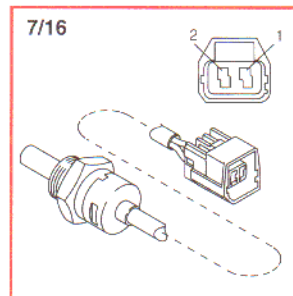
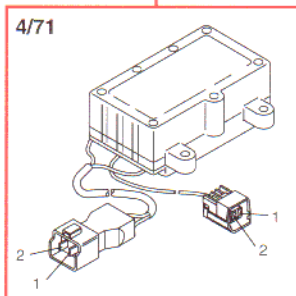
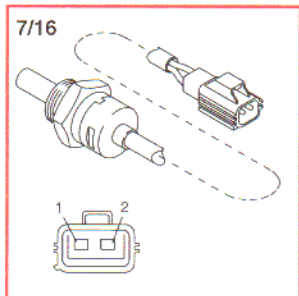
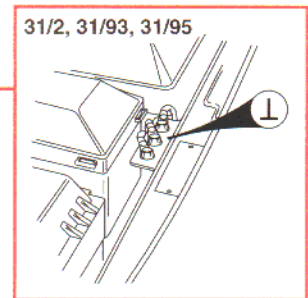
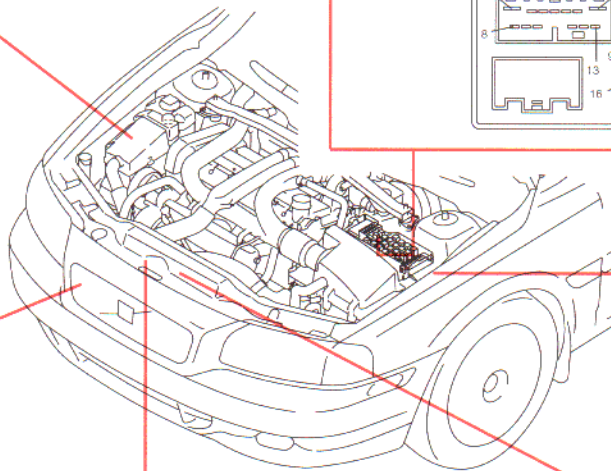
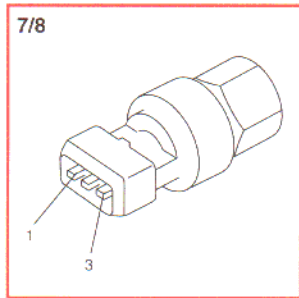
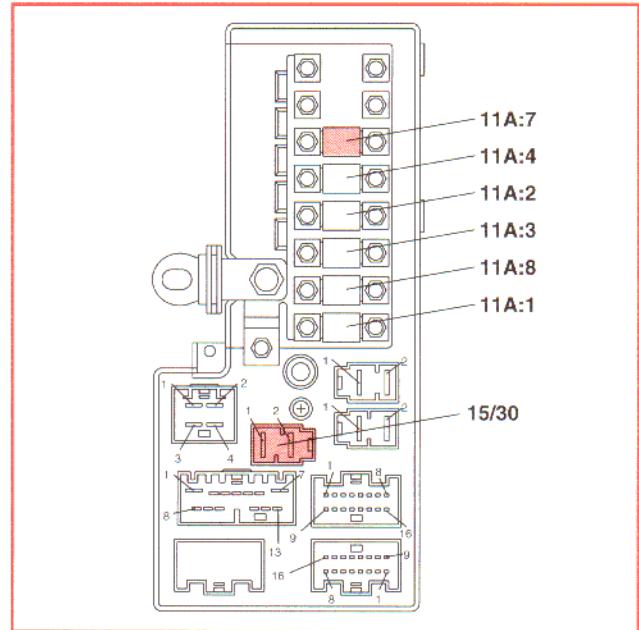
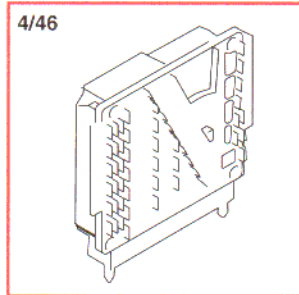
TURBO

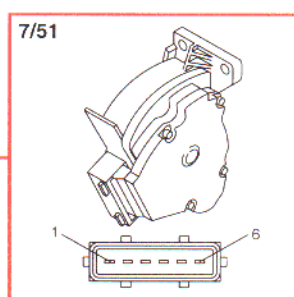
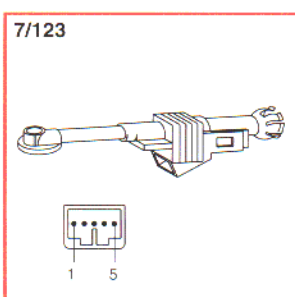
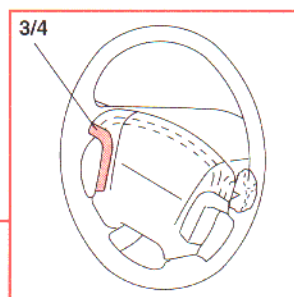
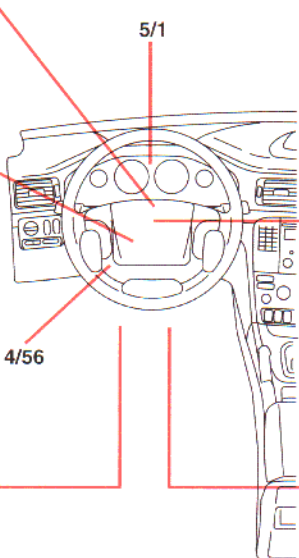
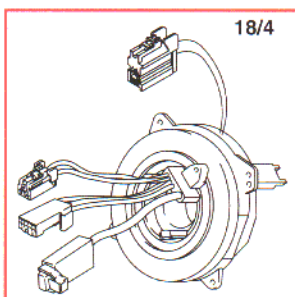
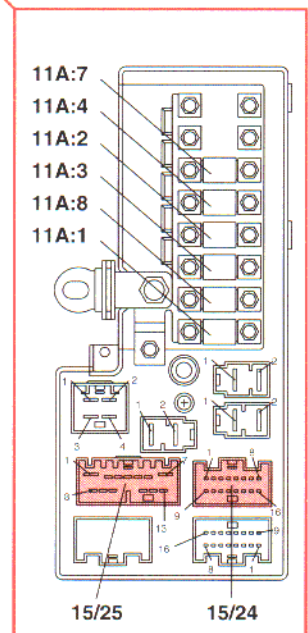
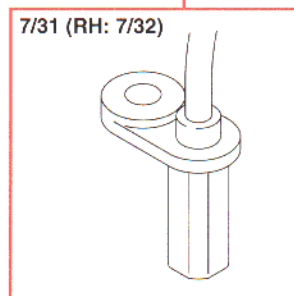
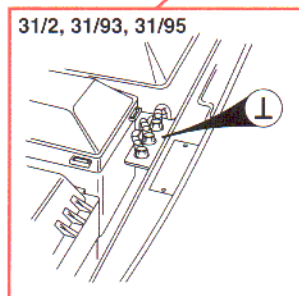
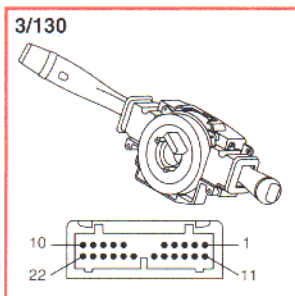
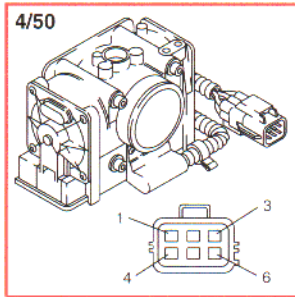
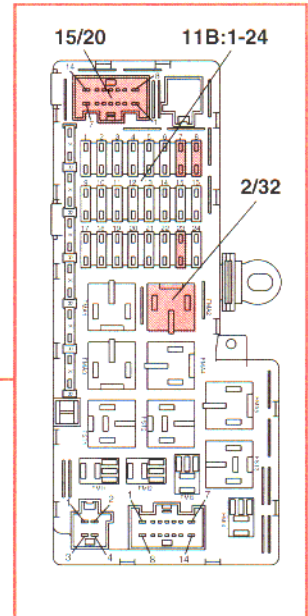
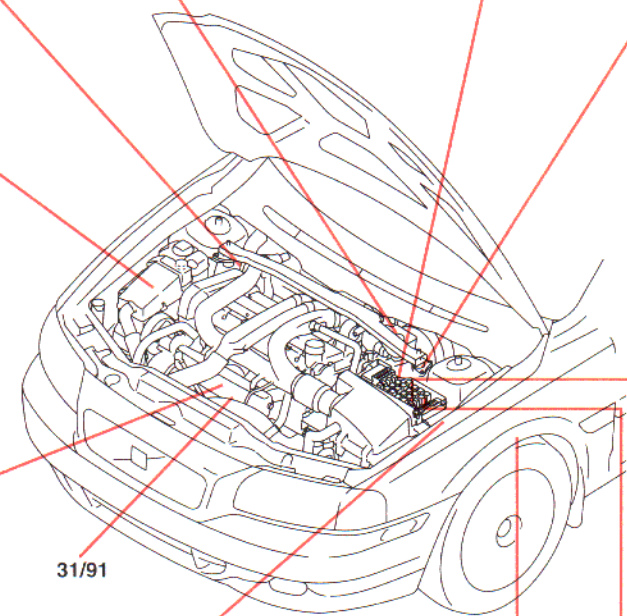
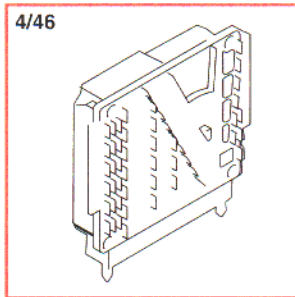
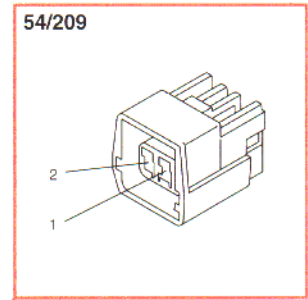
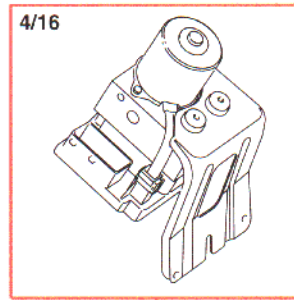
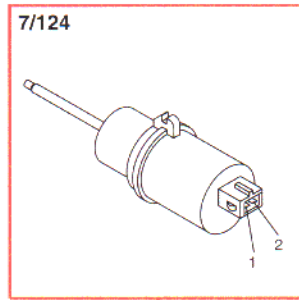
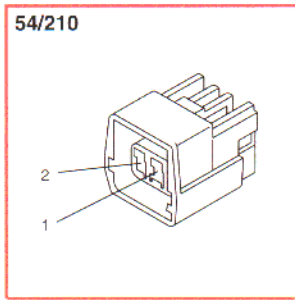
W/O TURBO



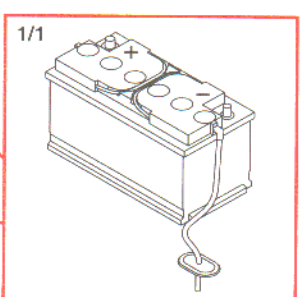
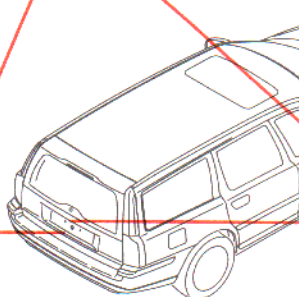
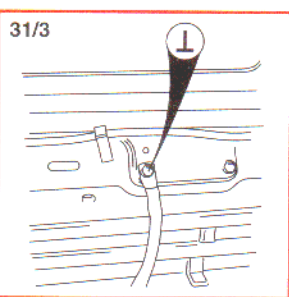
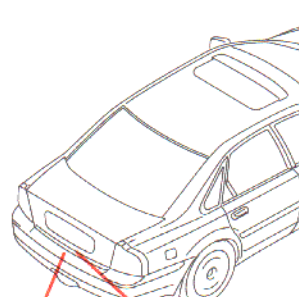
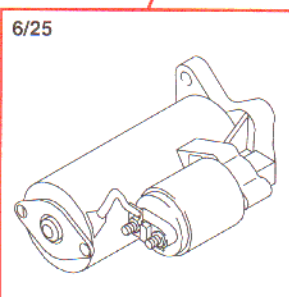
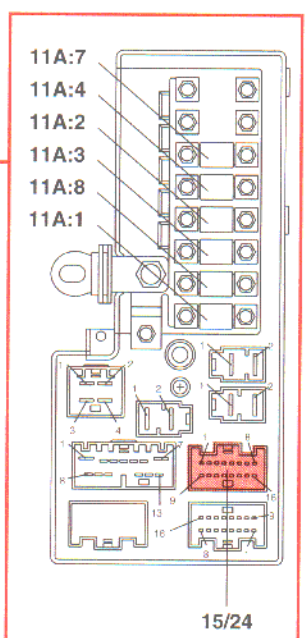
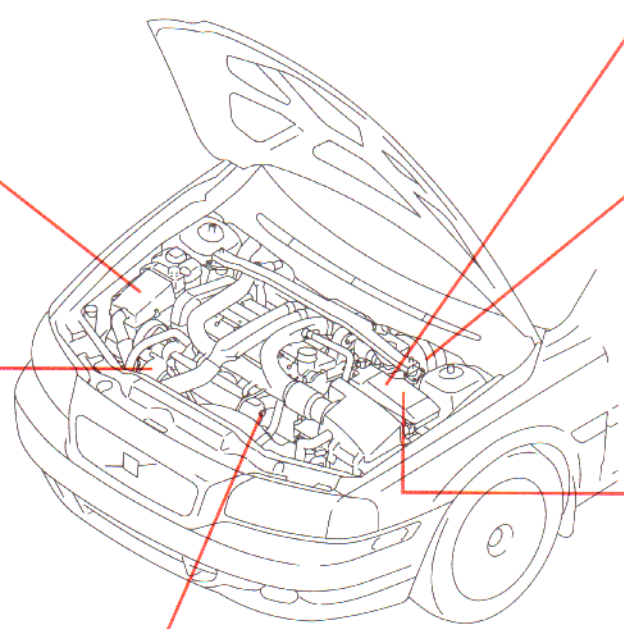
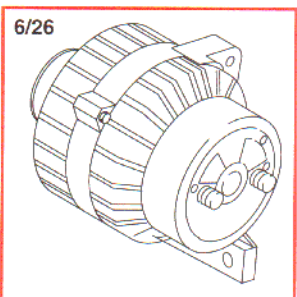
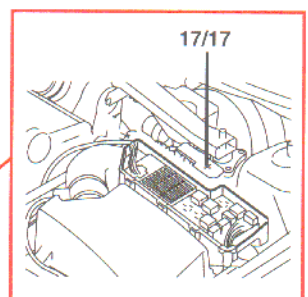
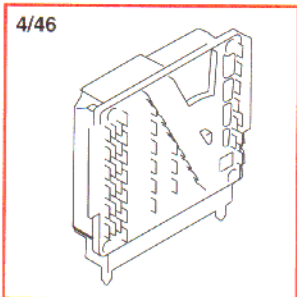
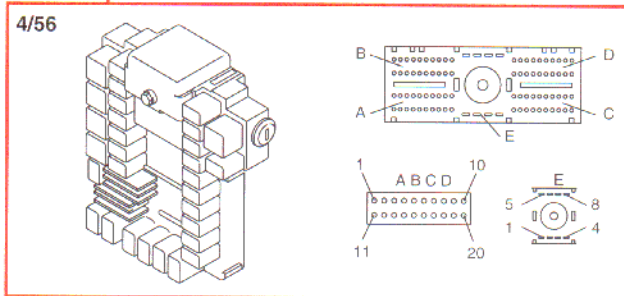
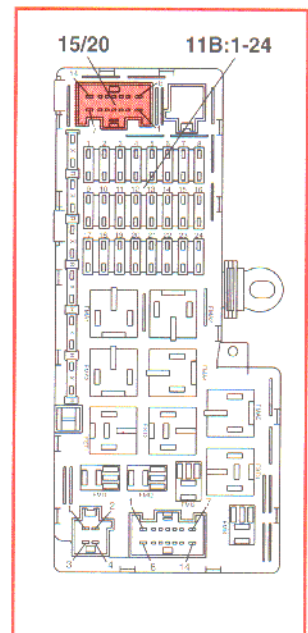
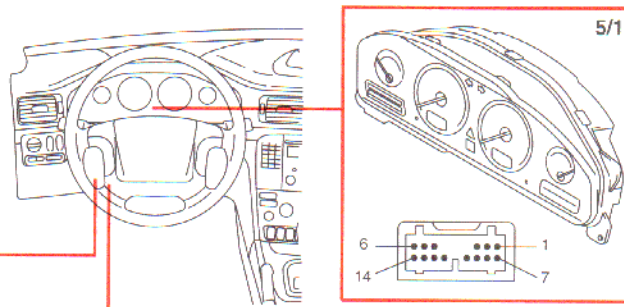
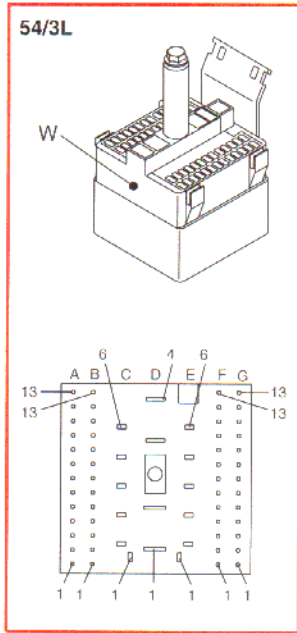
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54/203,
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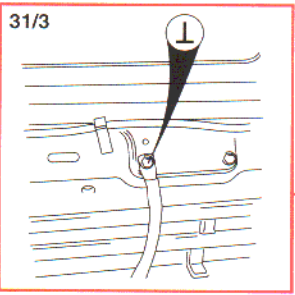
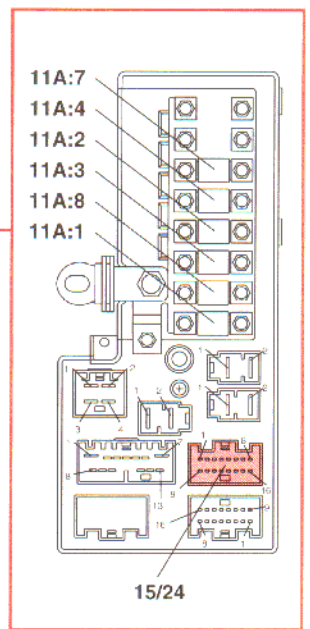
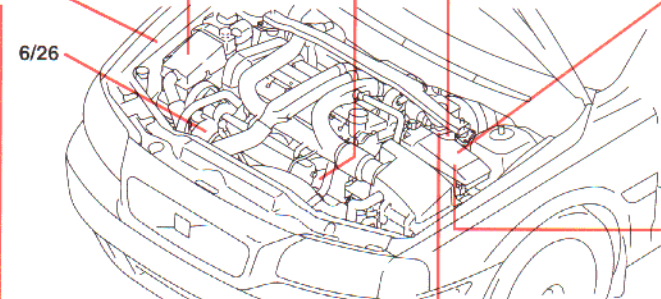
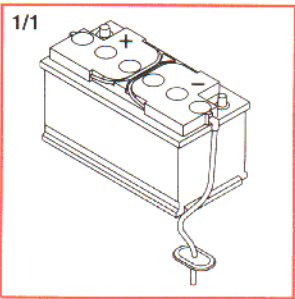
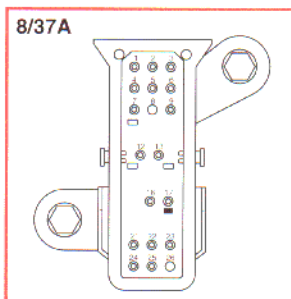
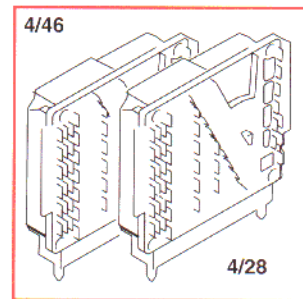
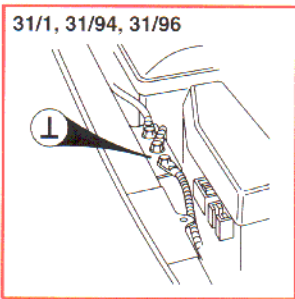
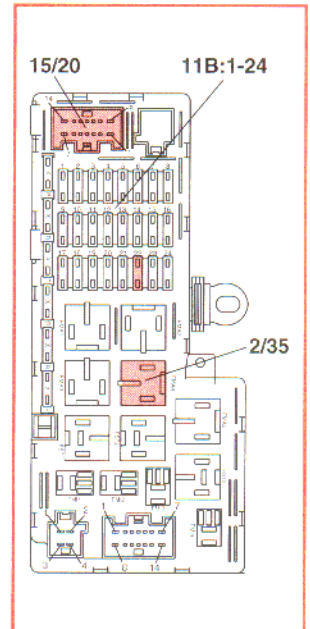
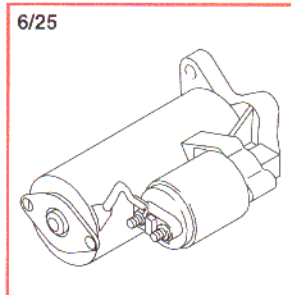
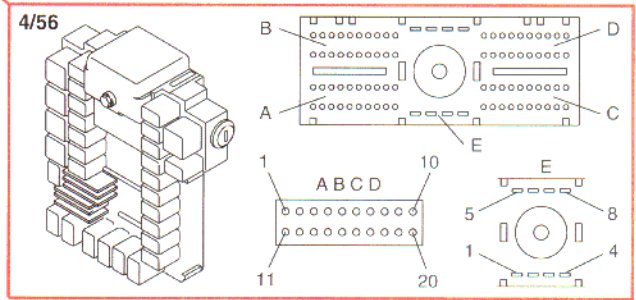
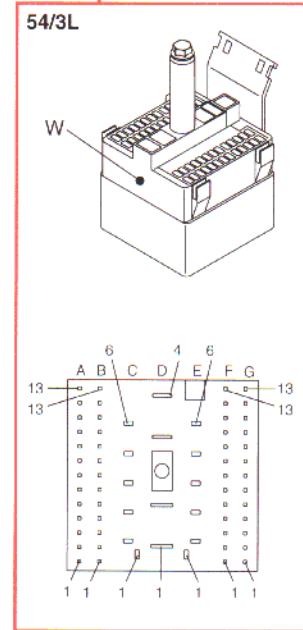
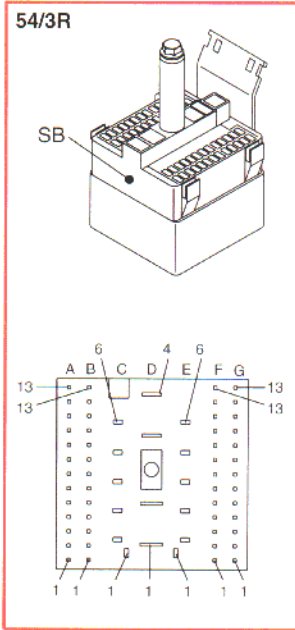
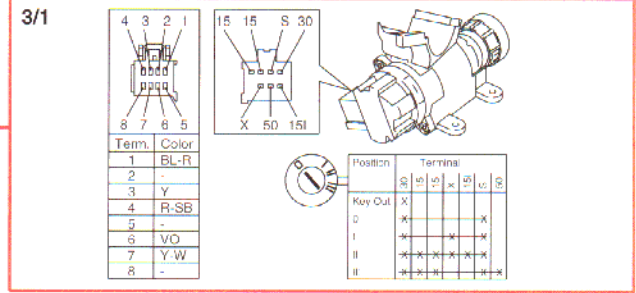
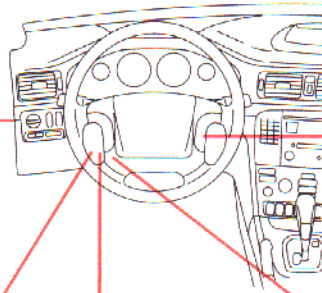
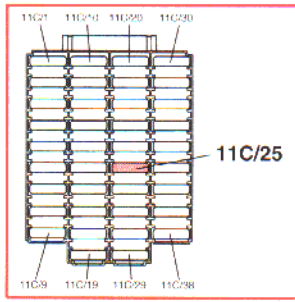




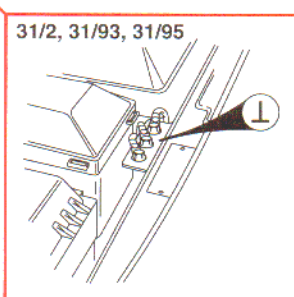
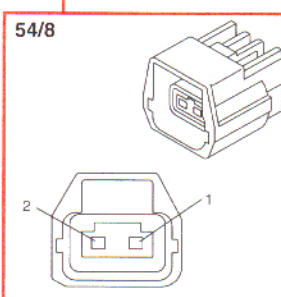
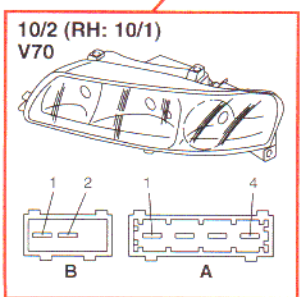
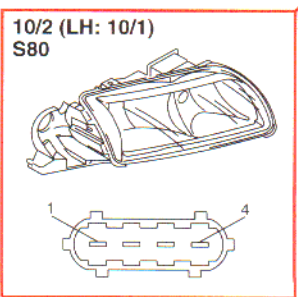
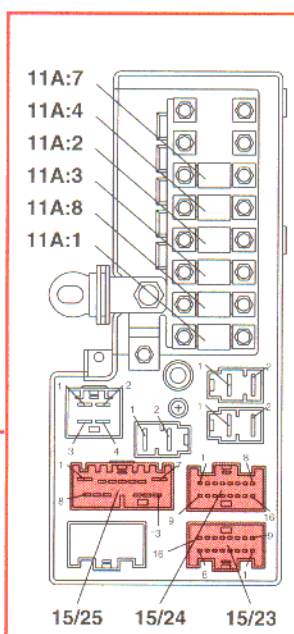
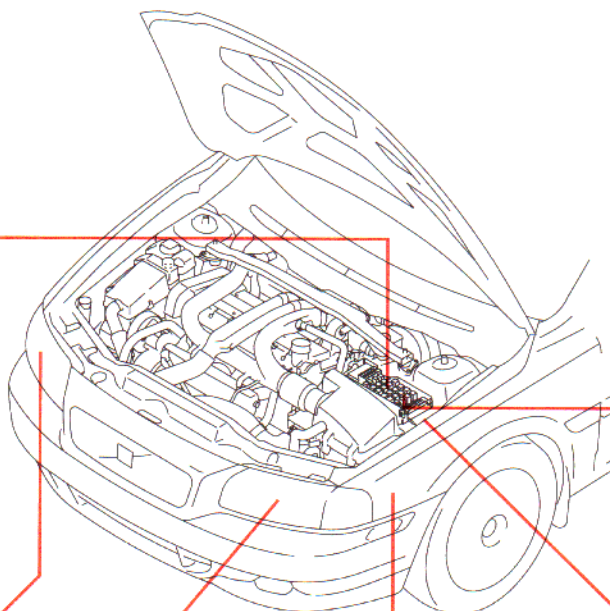
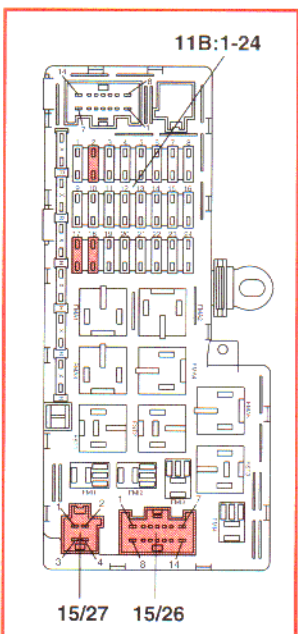
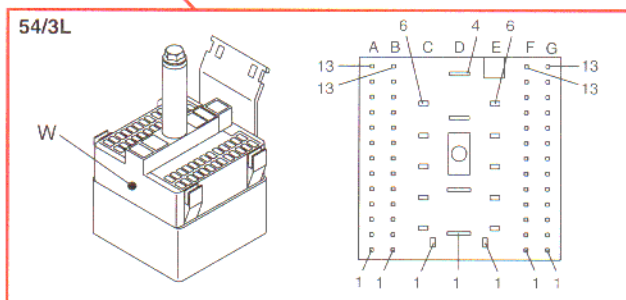
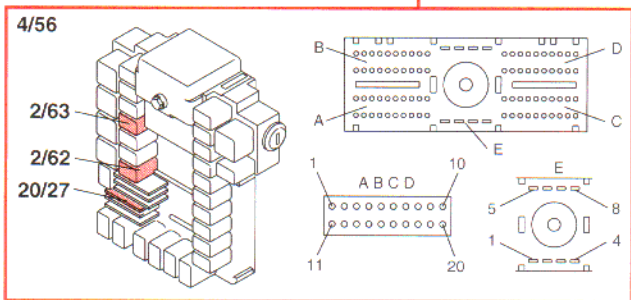
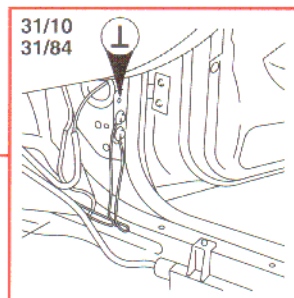
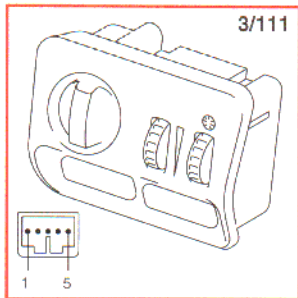
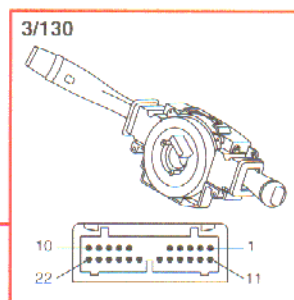
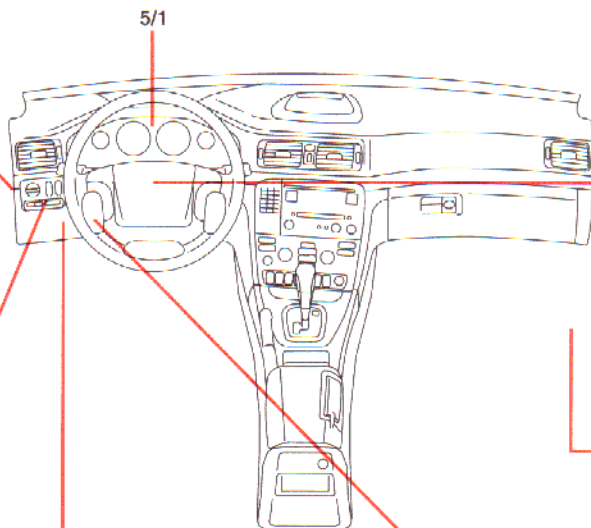
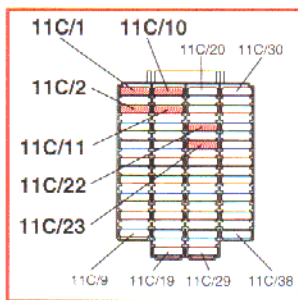


Power supply

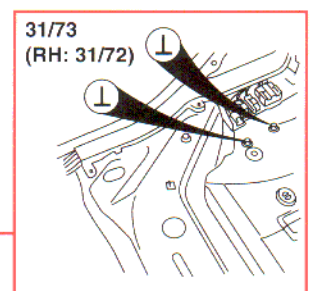
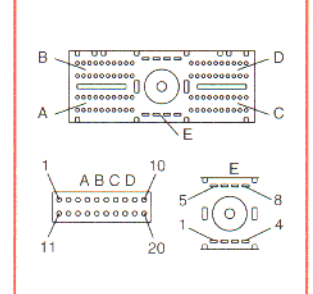
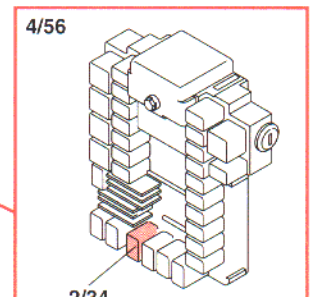
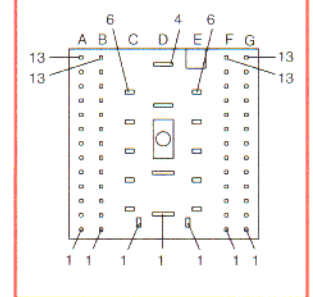
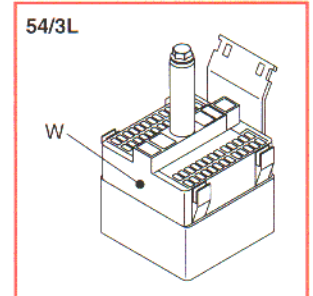
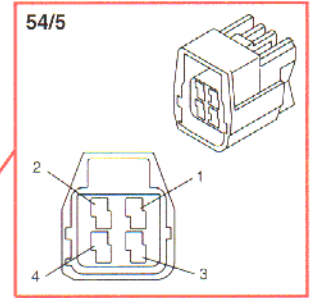
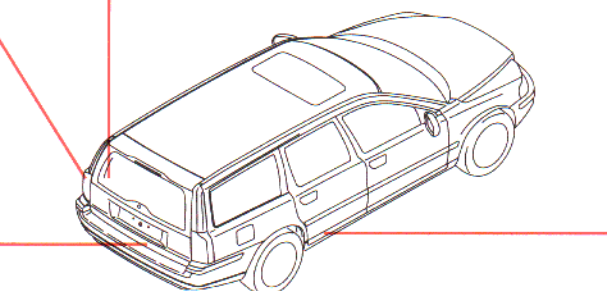
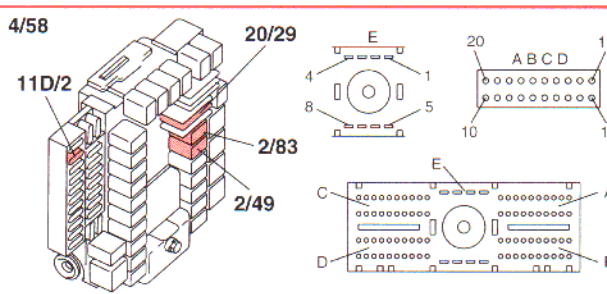
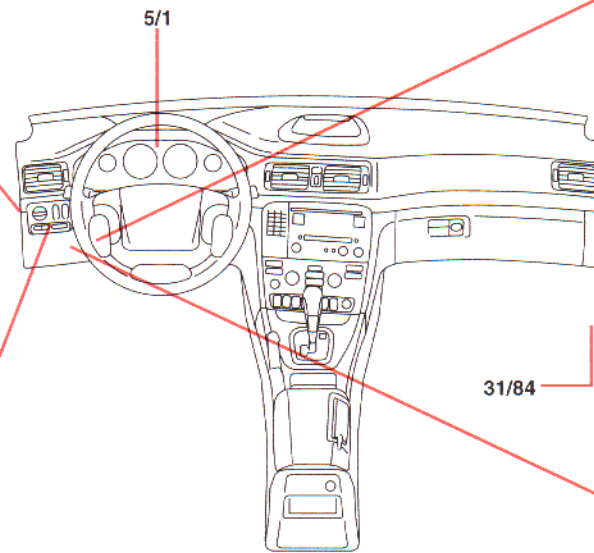
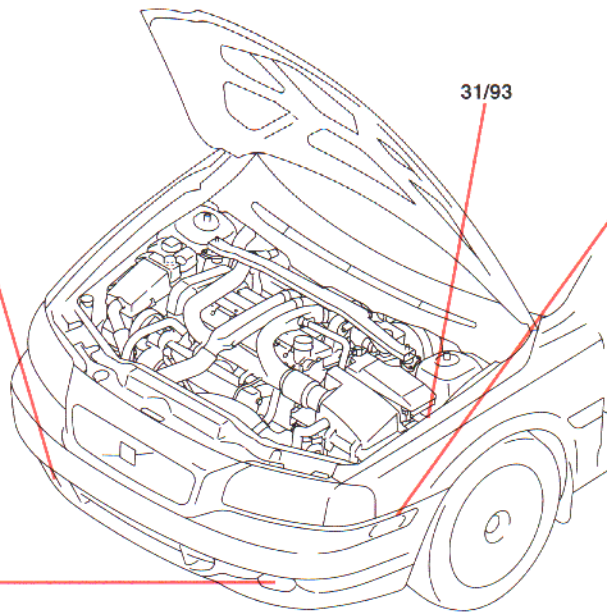
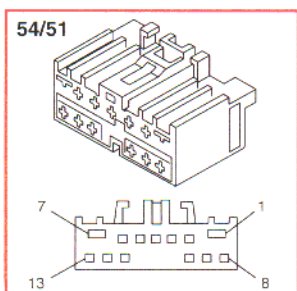
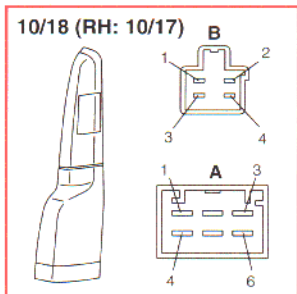
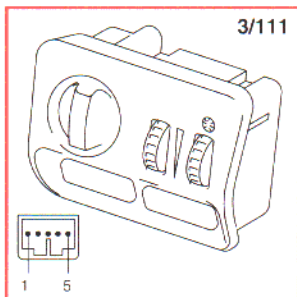
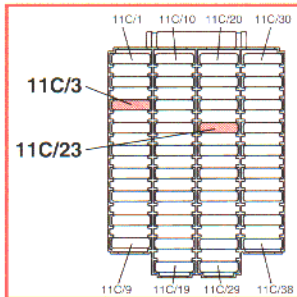
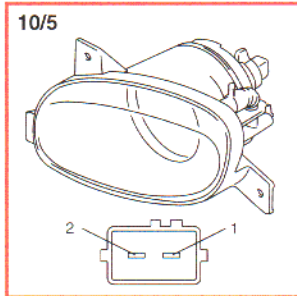
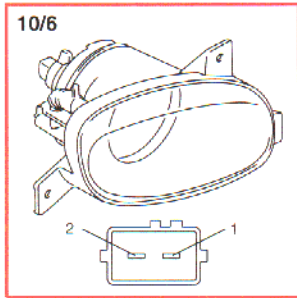




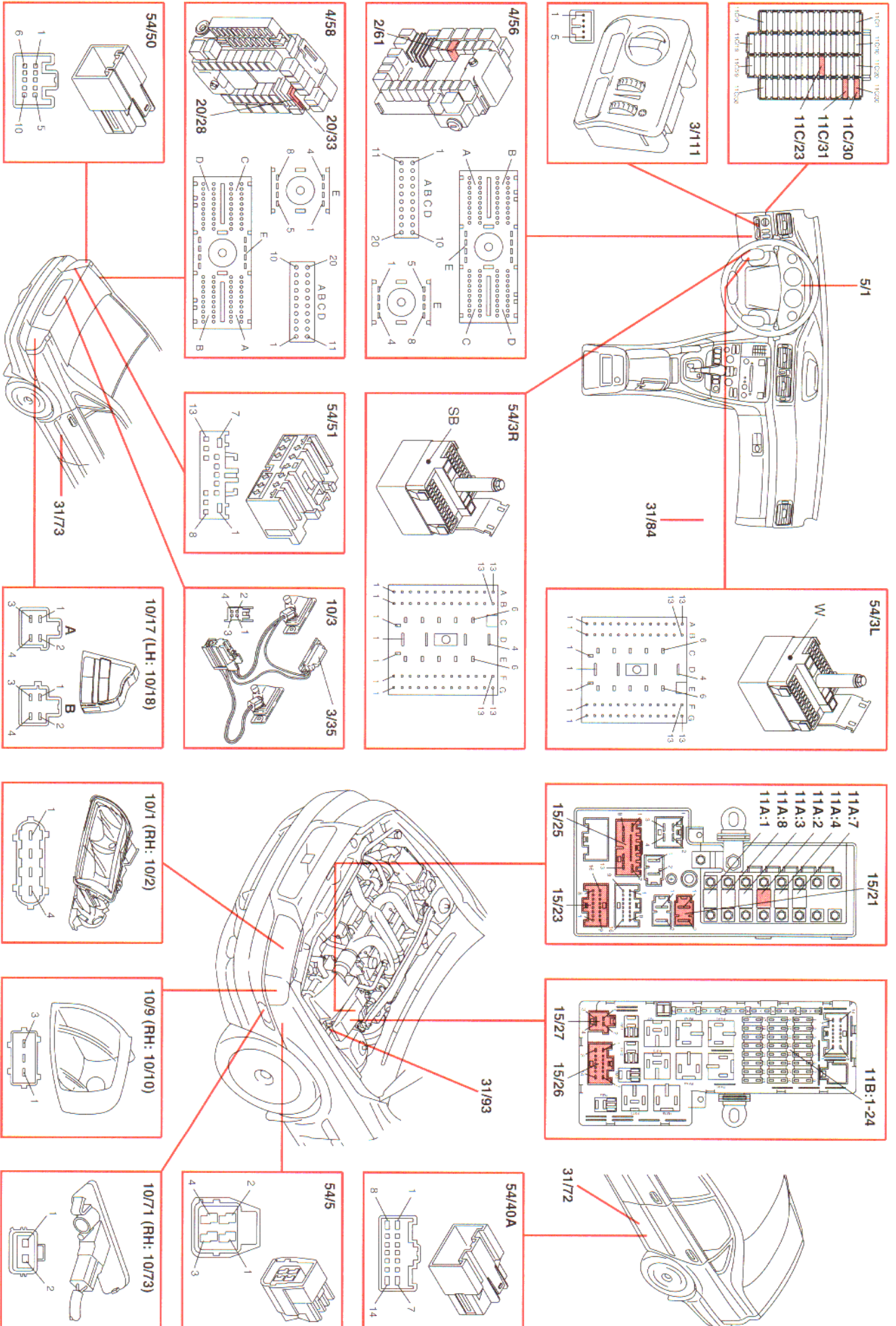
High beam, low beam, and auxiliary light wiring



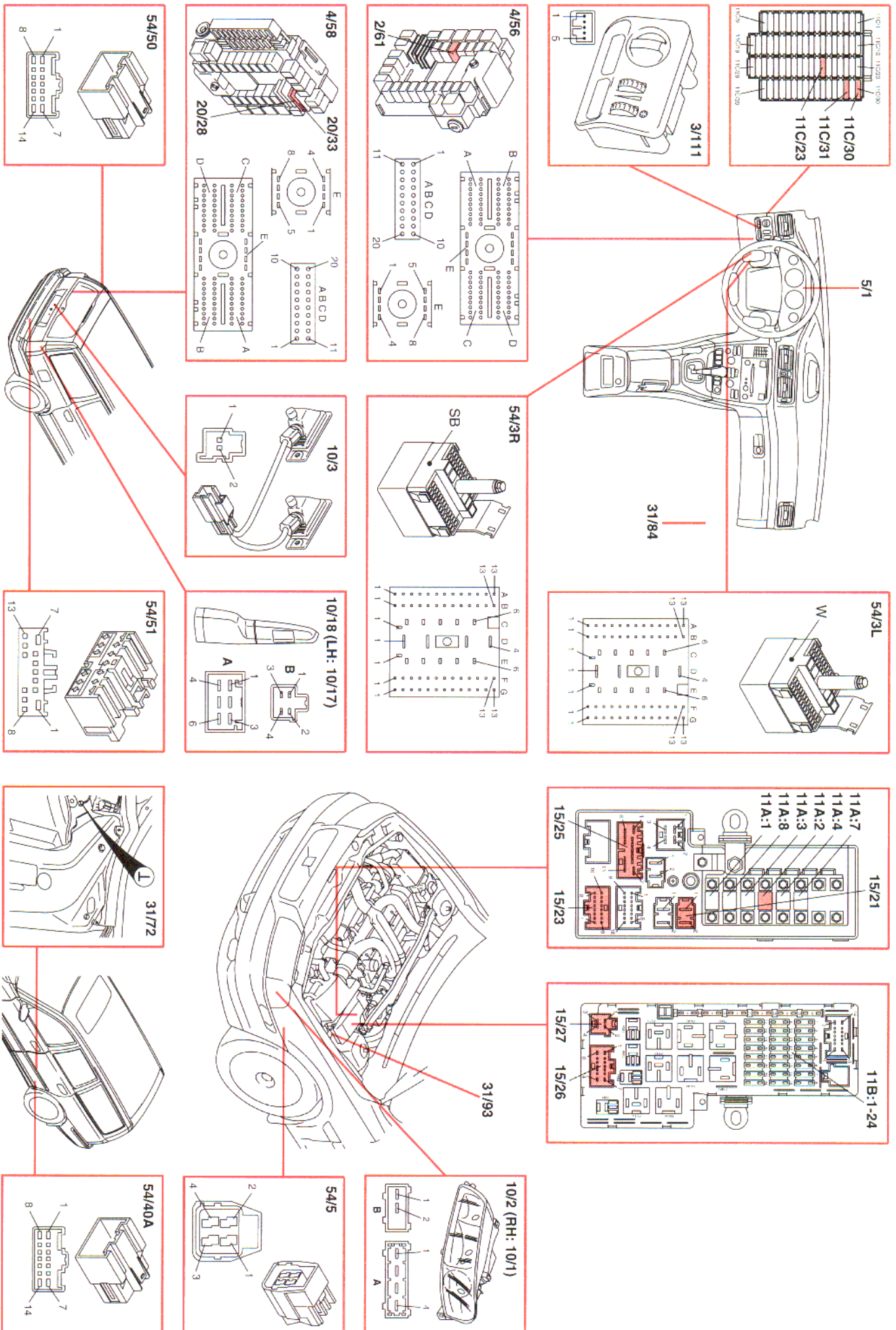
Fog lights (V70)



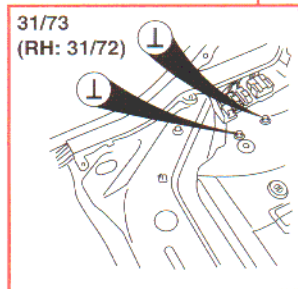
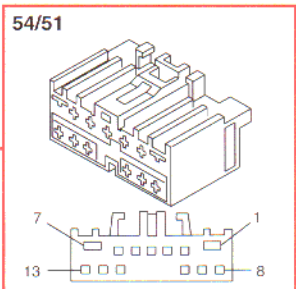
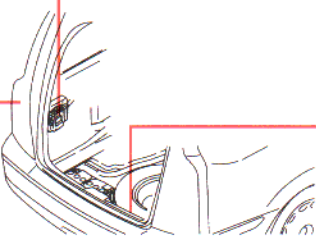
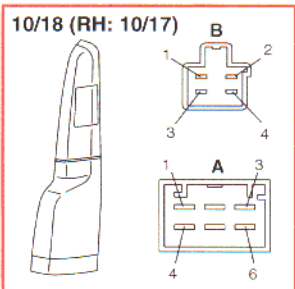
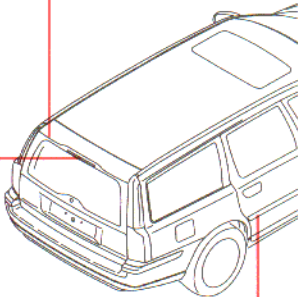
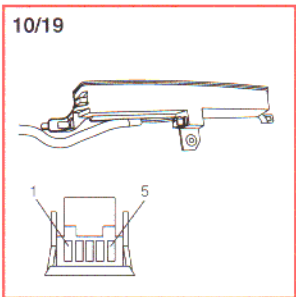
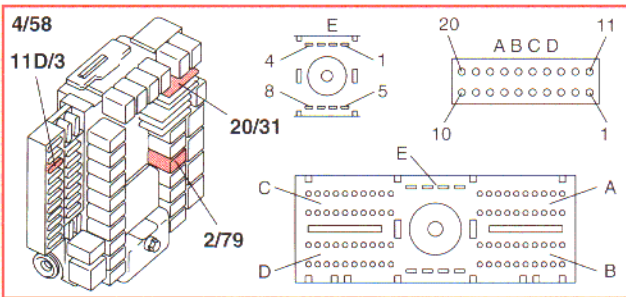
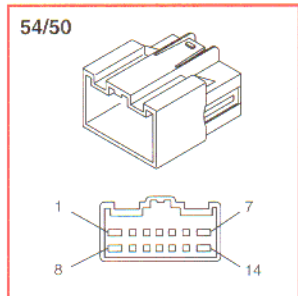
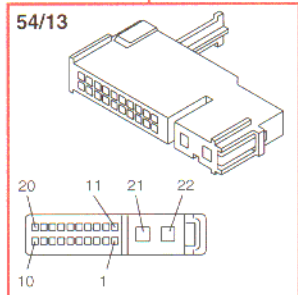
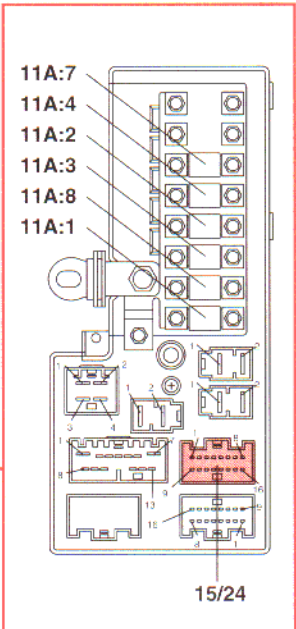
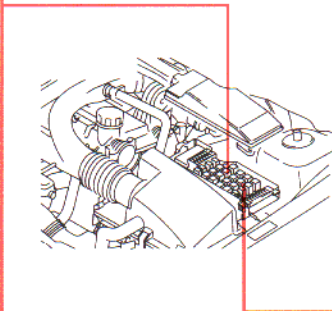
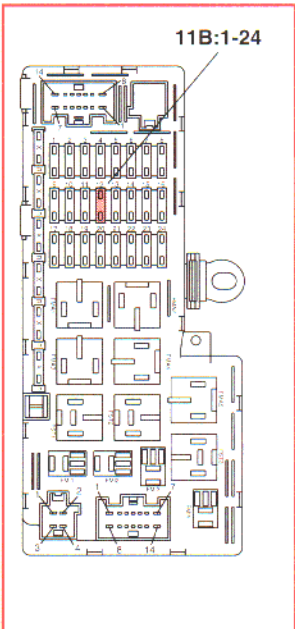
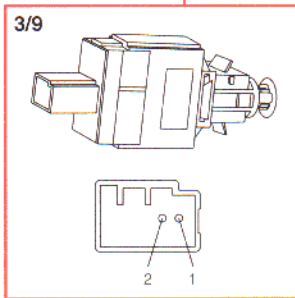
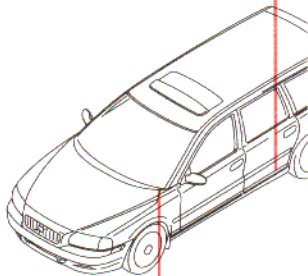
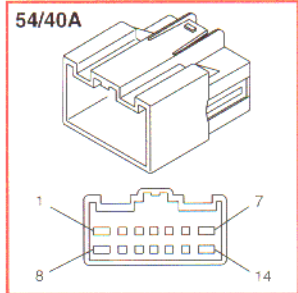
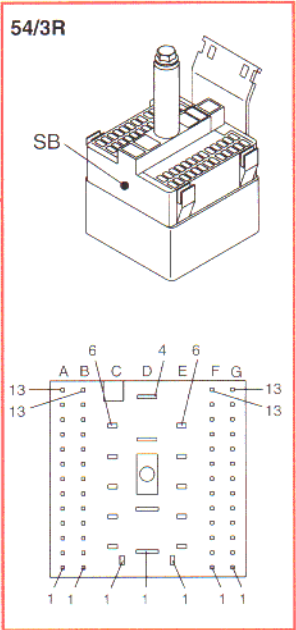
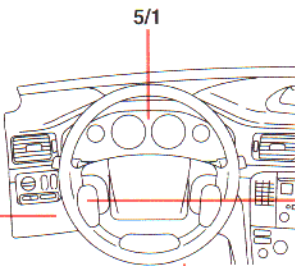
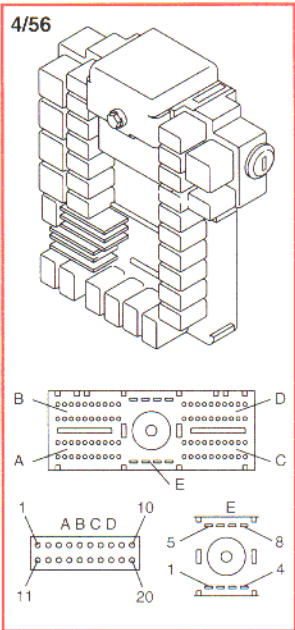
Parking lights, taillights, and license plate lighting (S80)



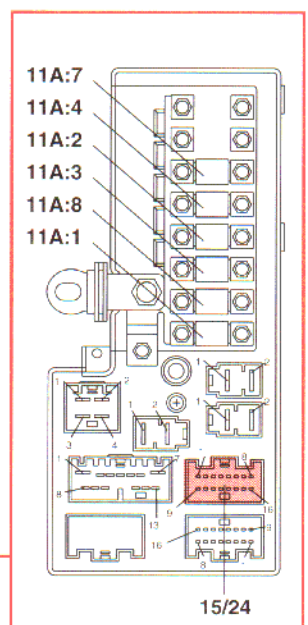
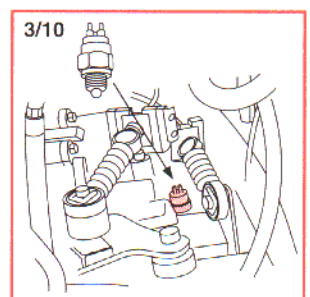
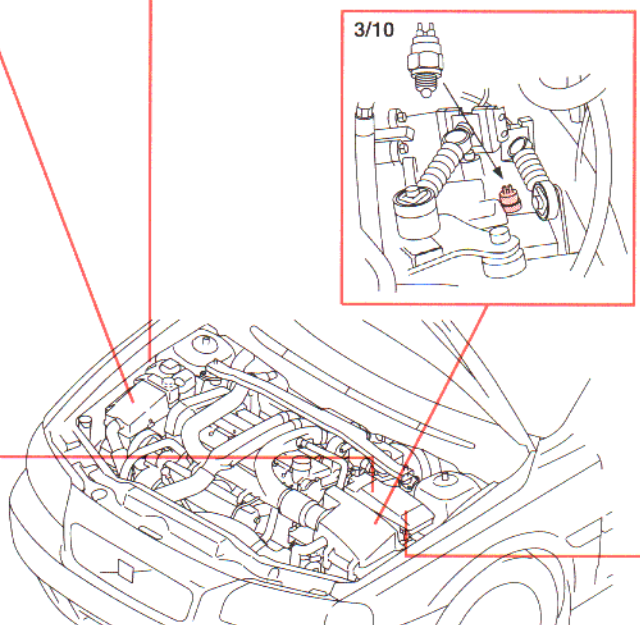
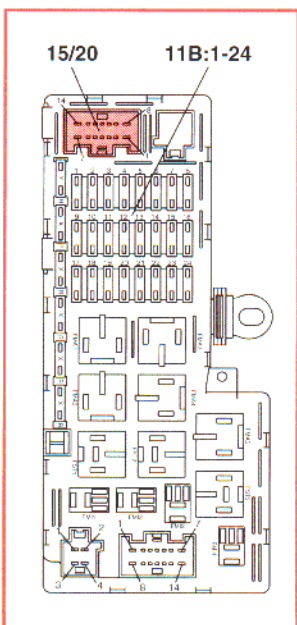
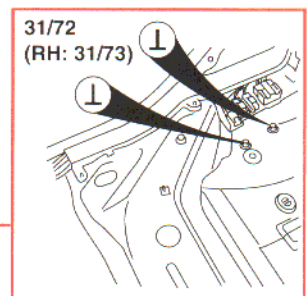
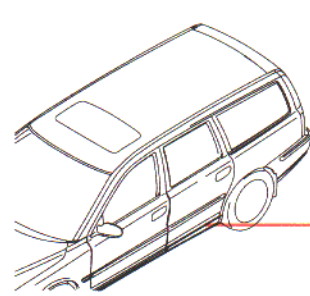
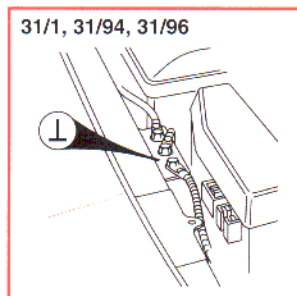
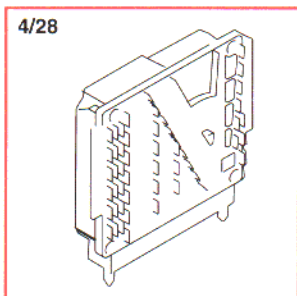
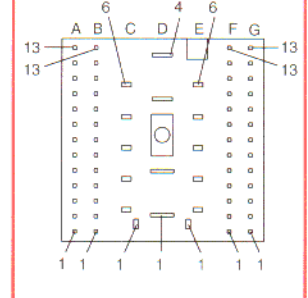
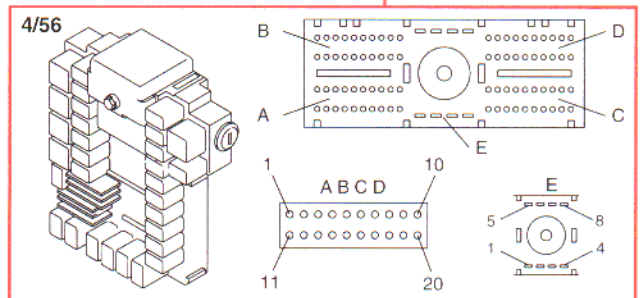
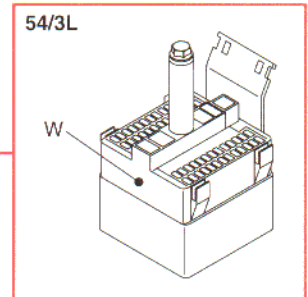
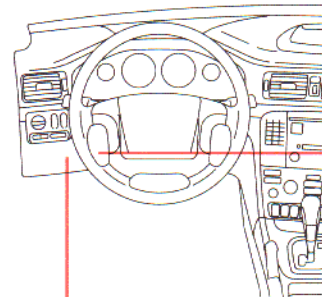
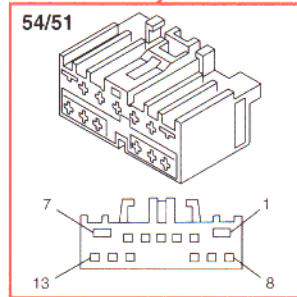
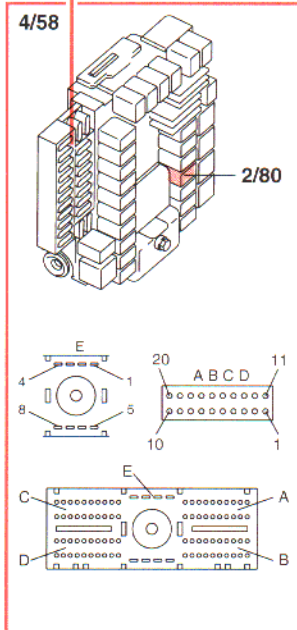
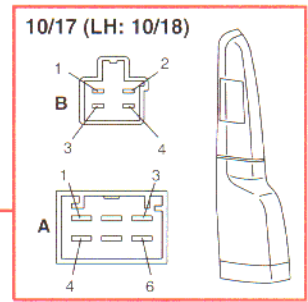
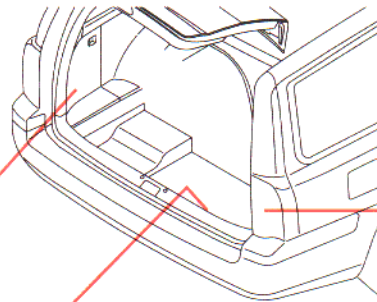
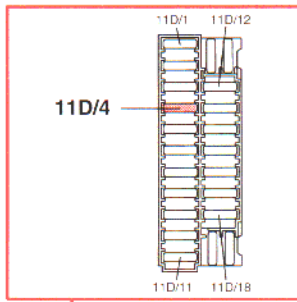
Parking lights, taillights, and license plate lighting (V70)



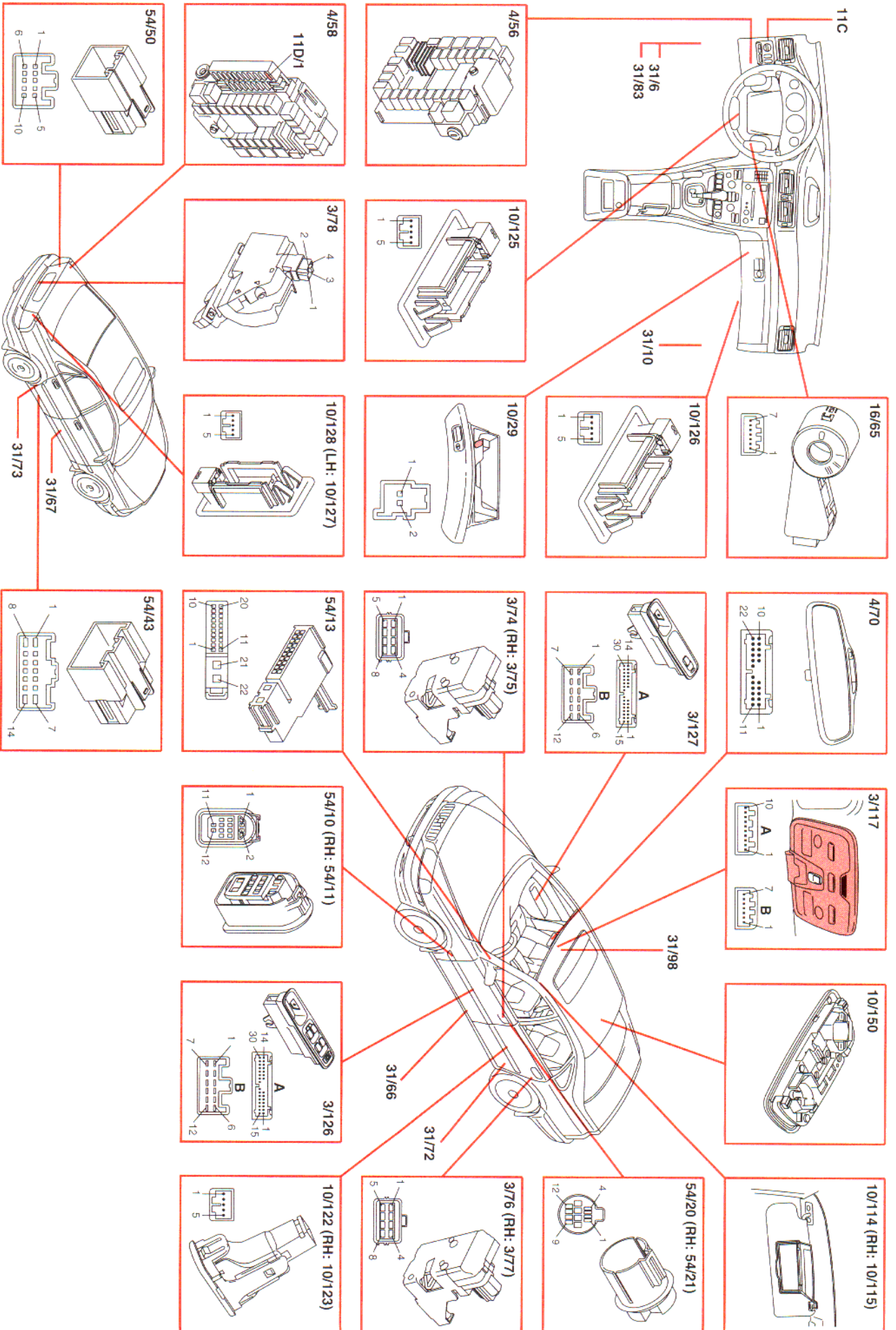
Brake lights (V70)

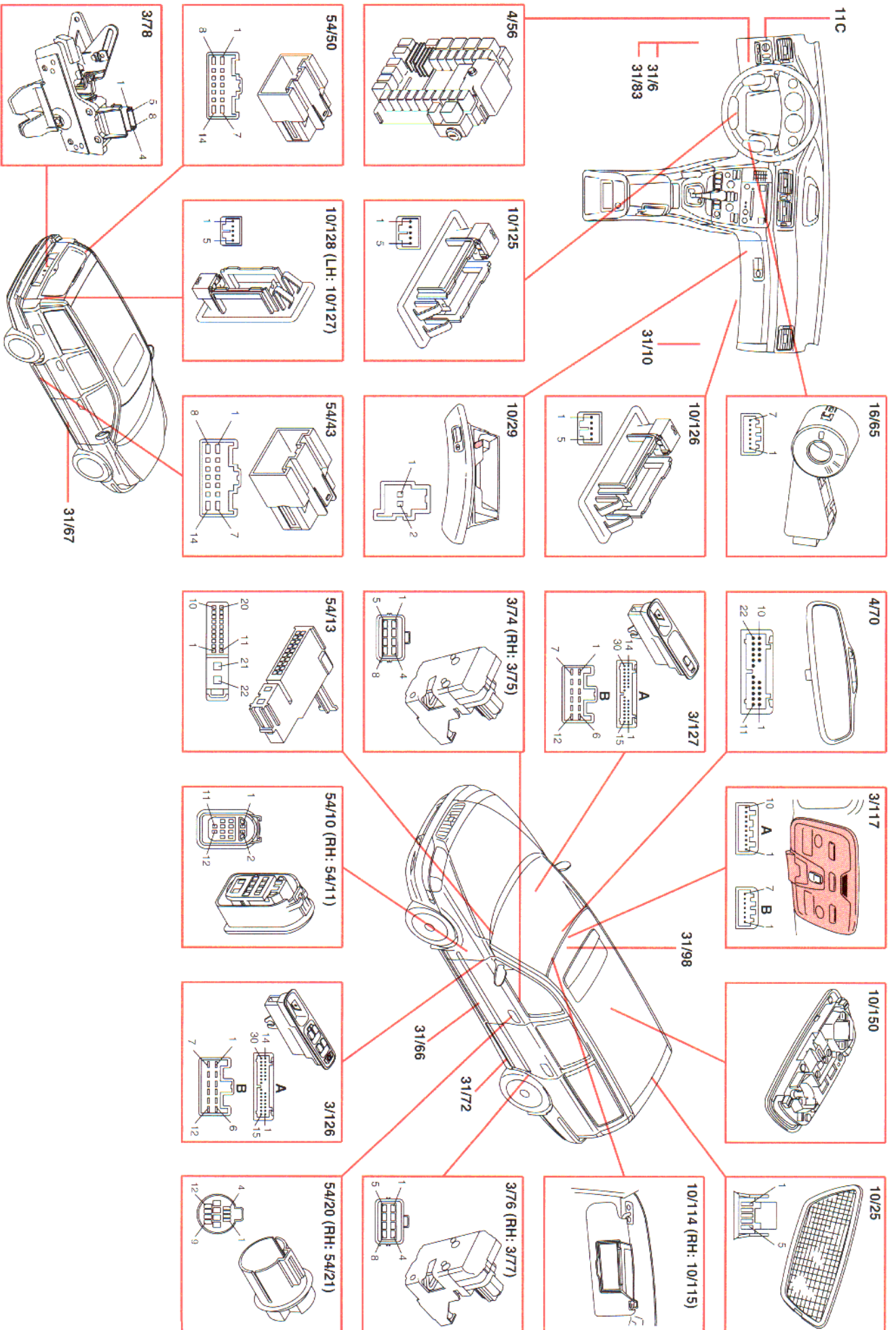


Reversing lights (V70)

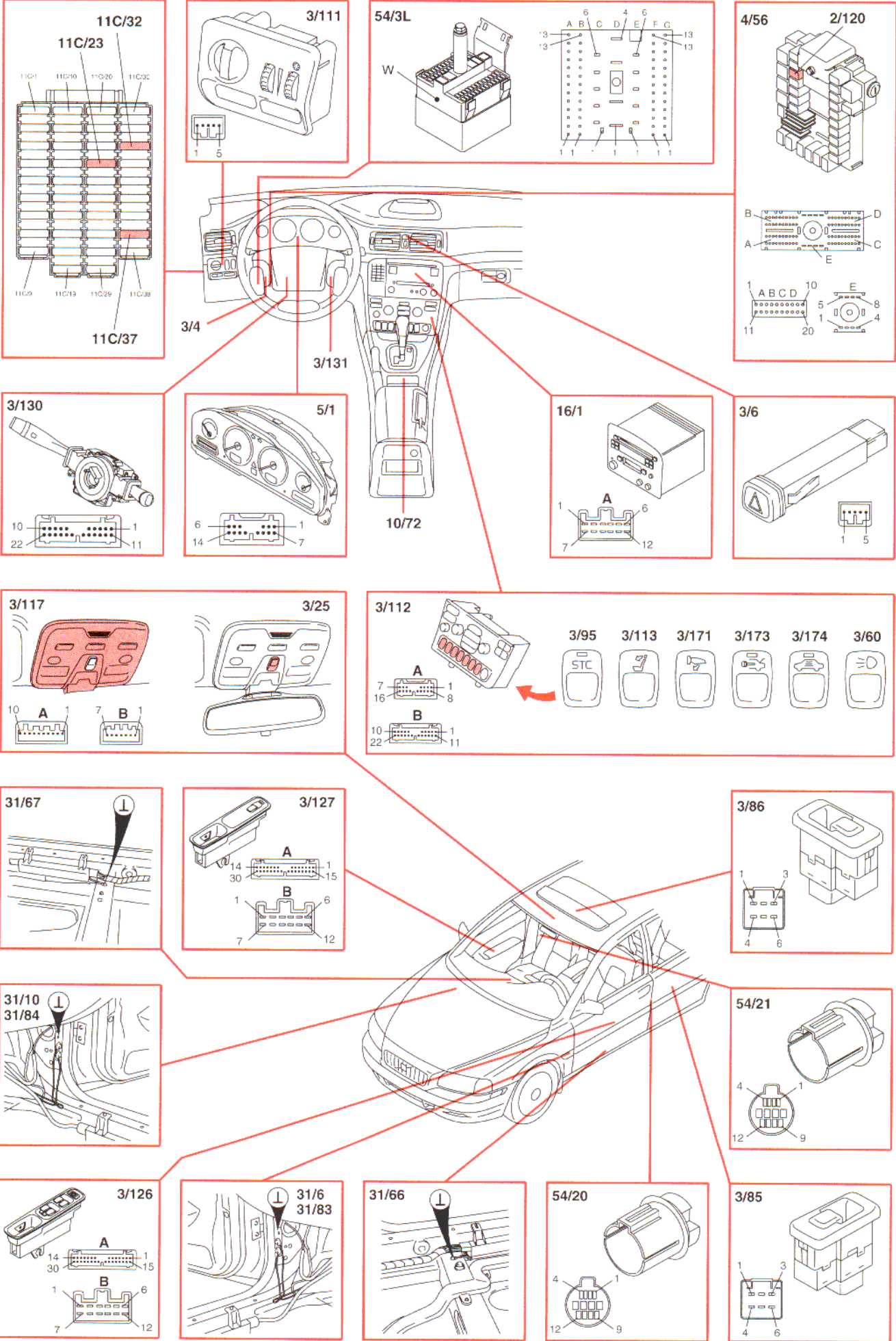


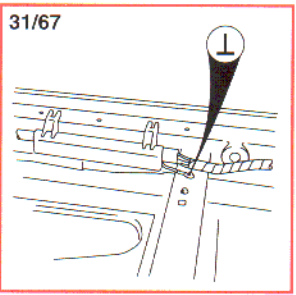
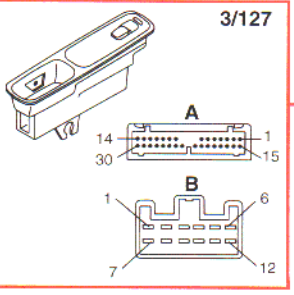
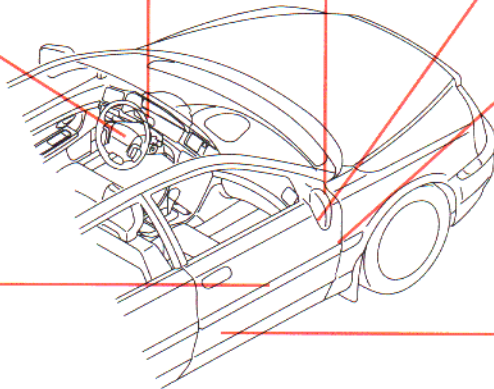
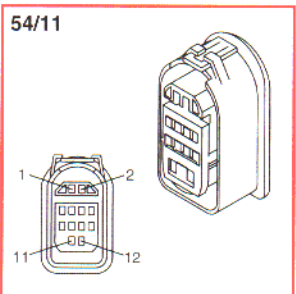
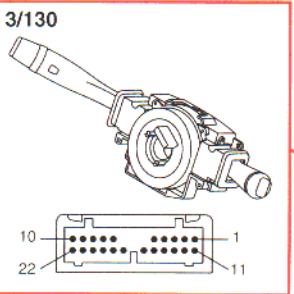
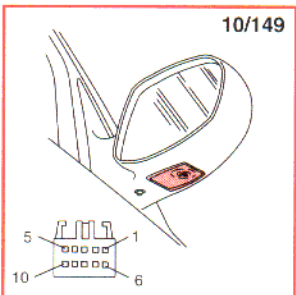
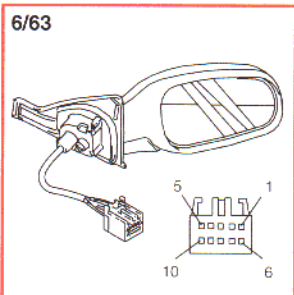
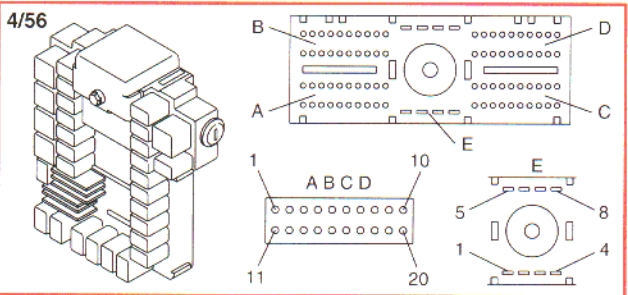
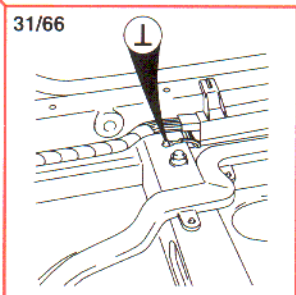
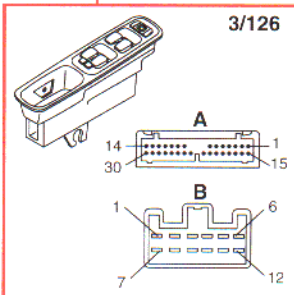
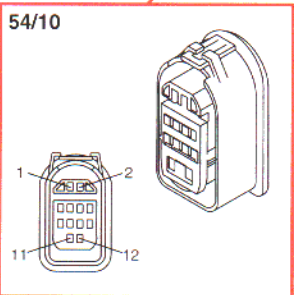
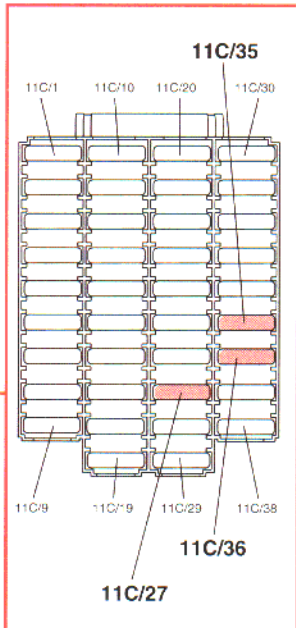
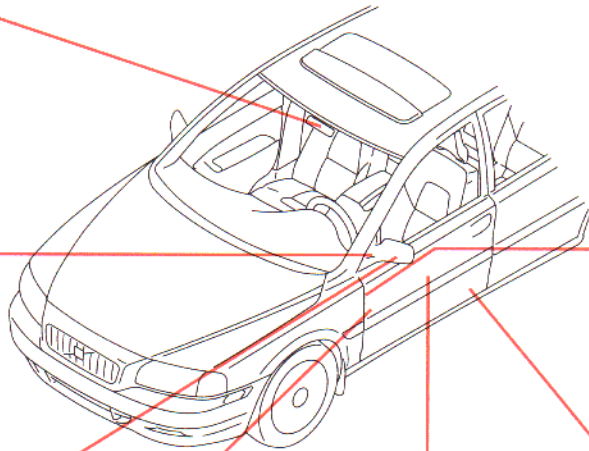
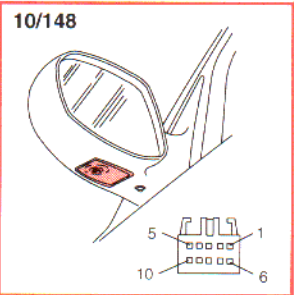
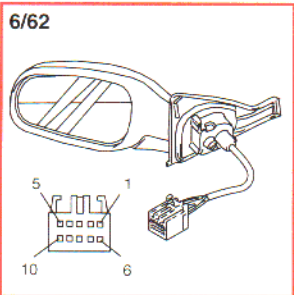
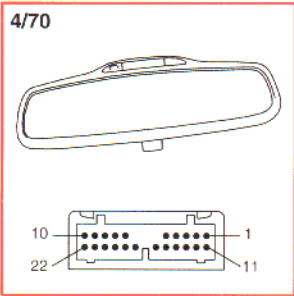
Interior lighting (S80)



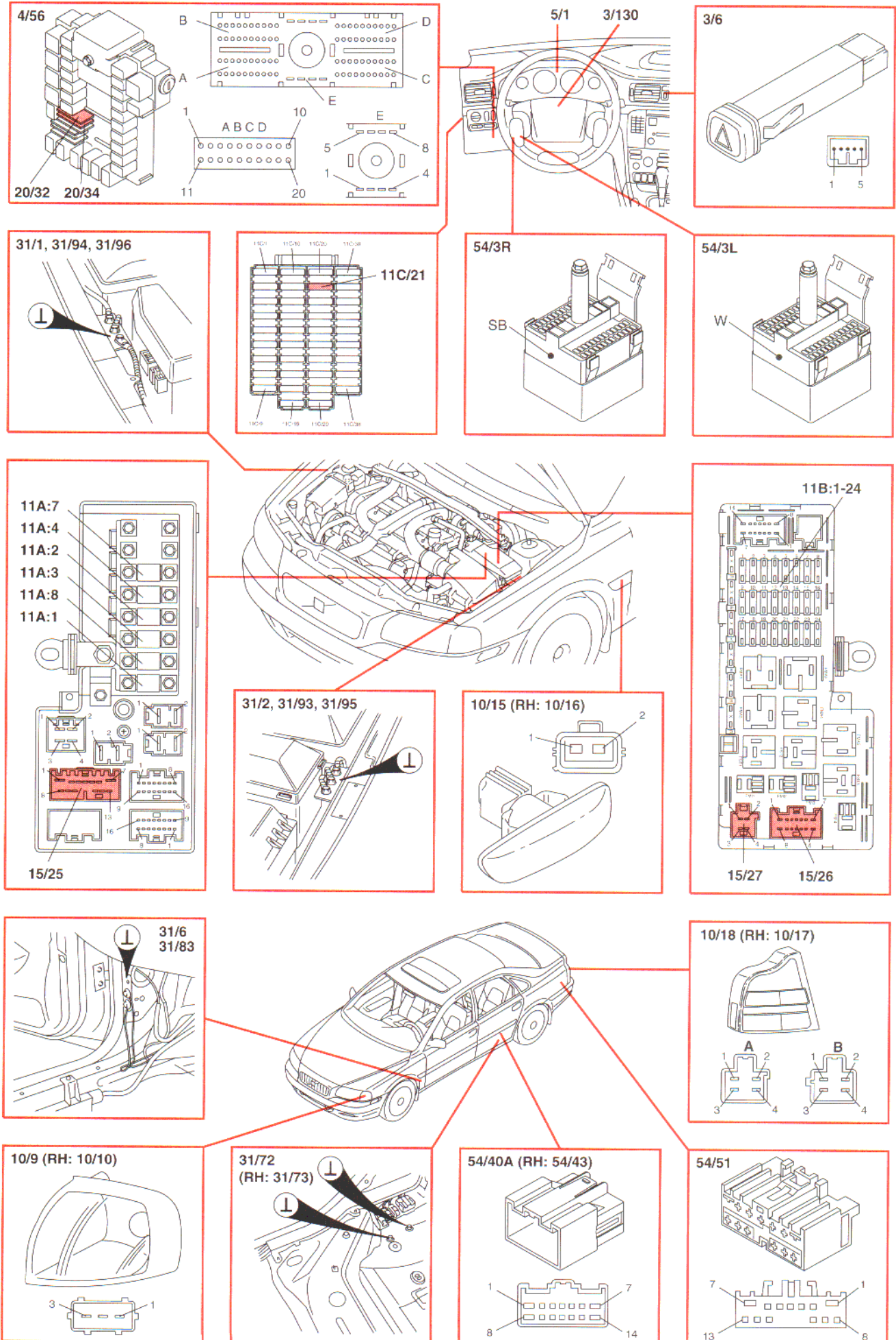


Instrument and control lighting

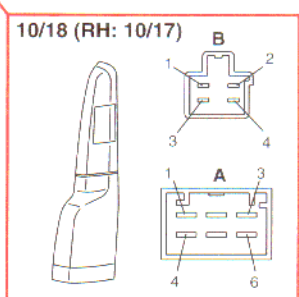
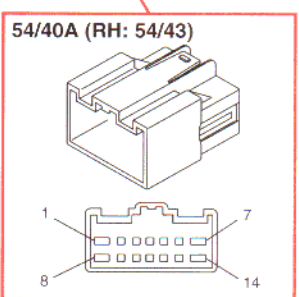
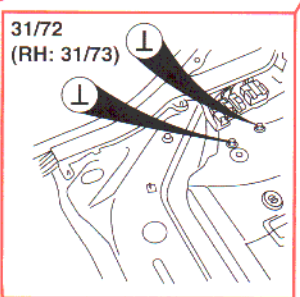
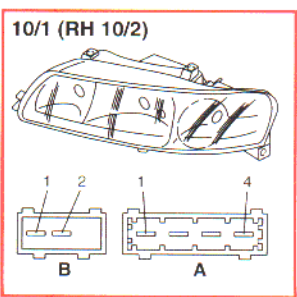
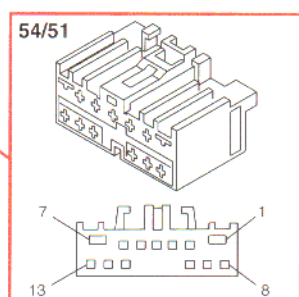
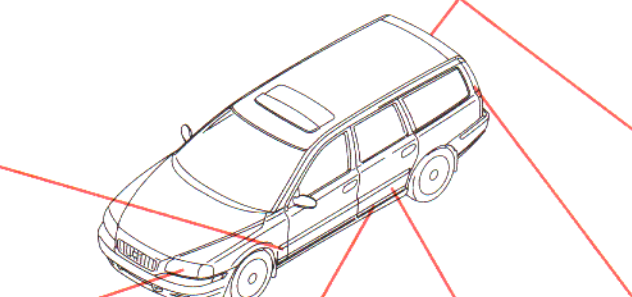
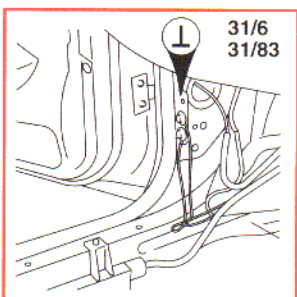
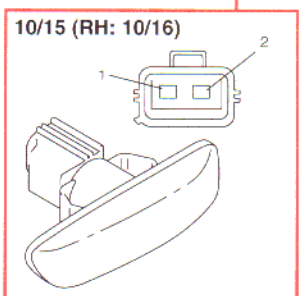
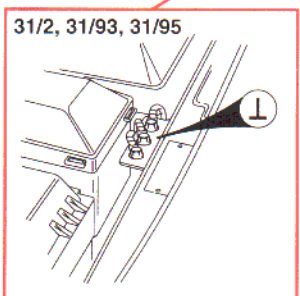
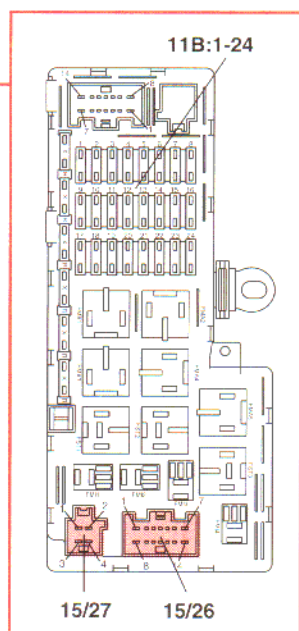
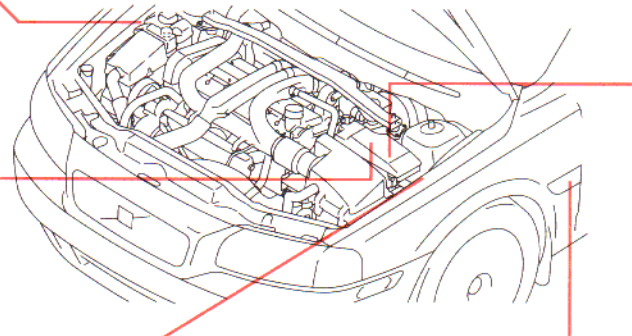
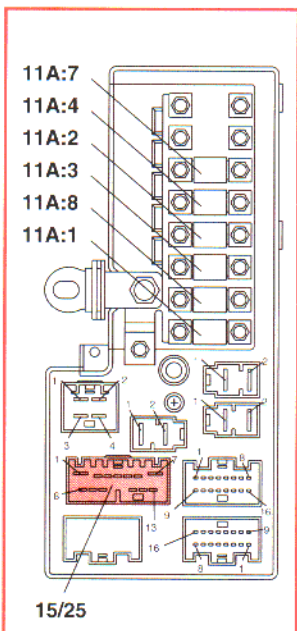
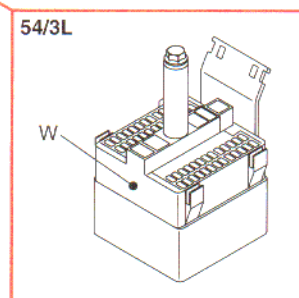
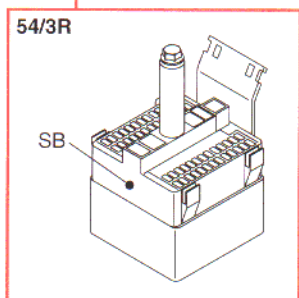
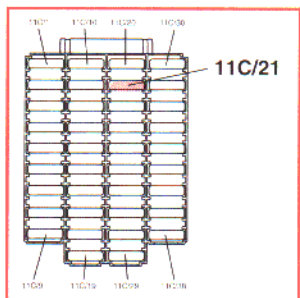
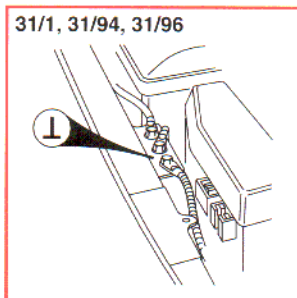
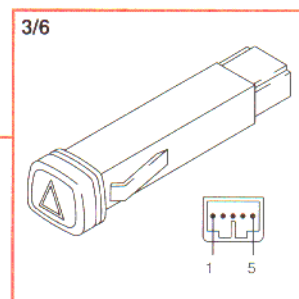
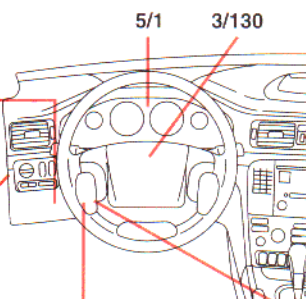
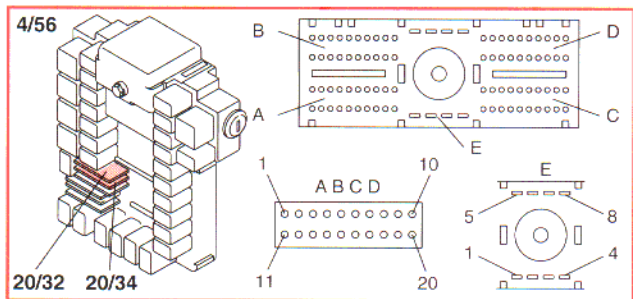


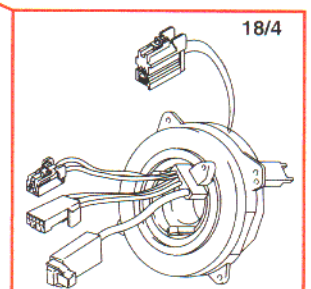
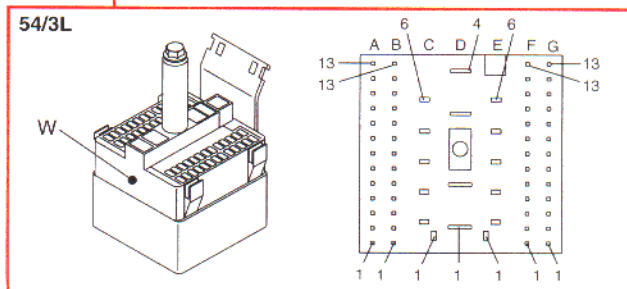
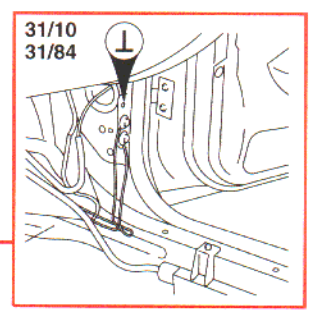
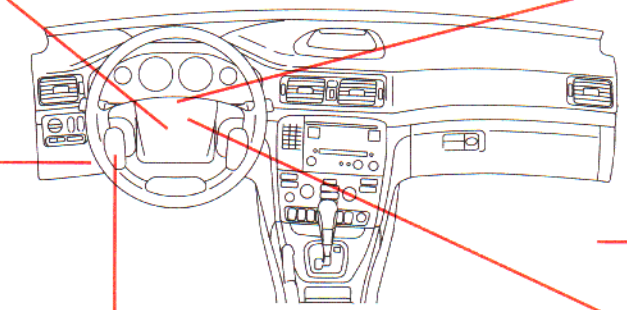
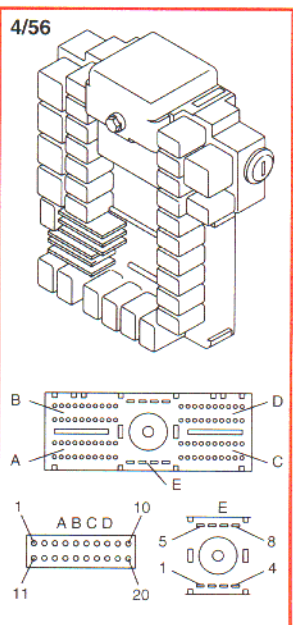
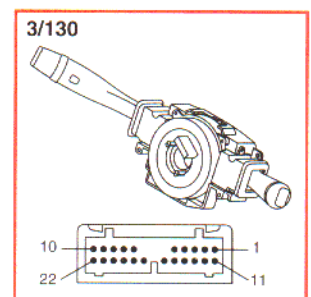
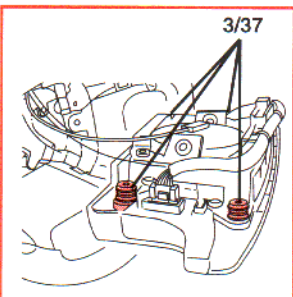
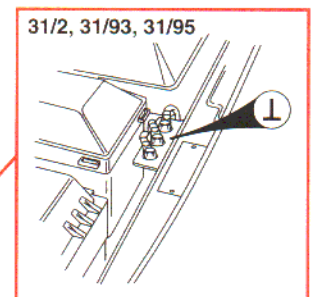
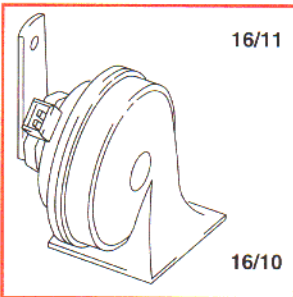
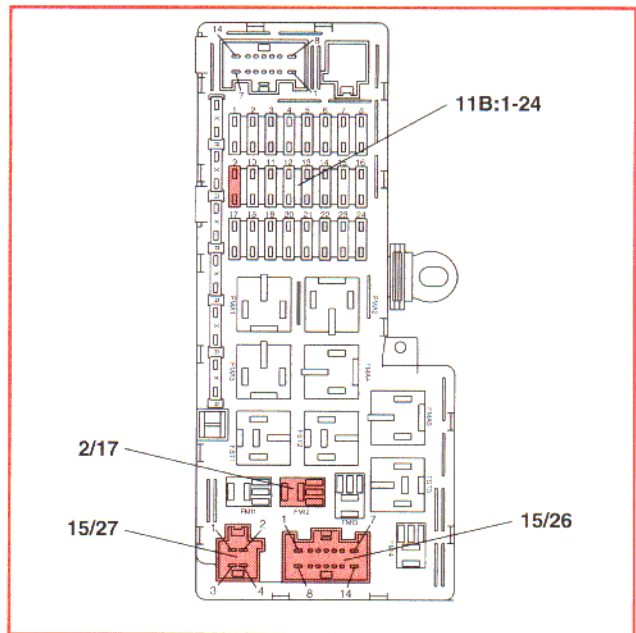
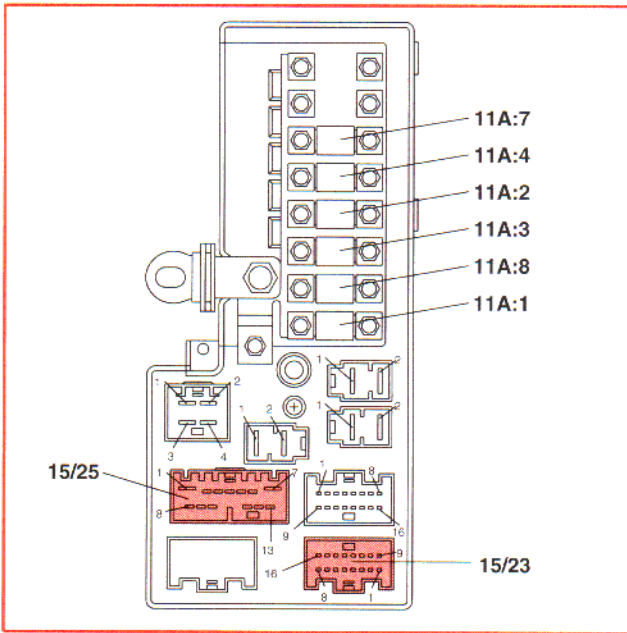


Turn signals and hazard warning flashers (S80)

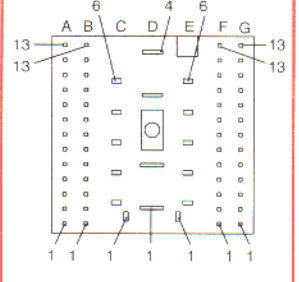
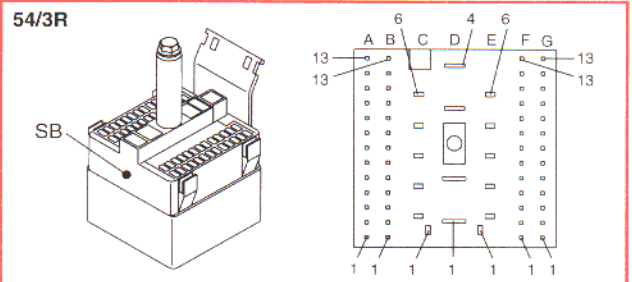
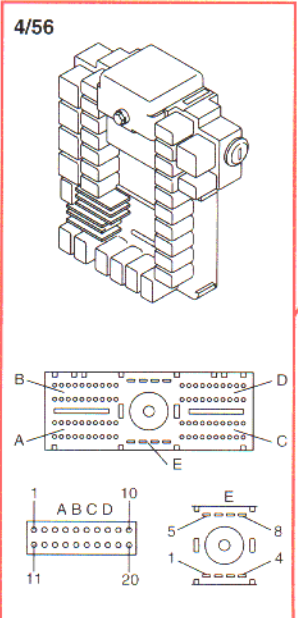
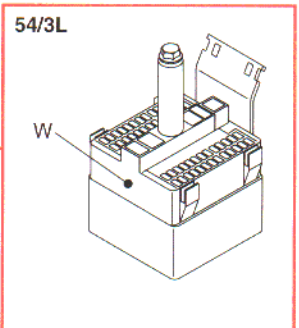
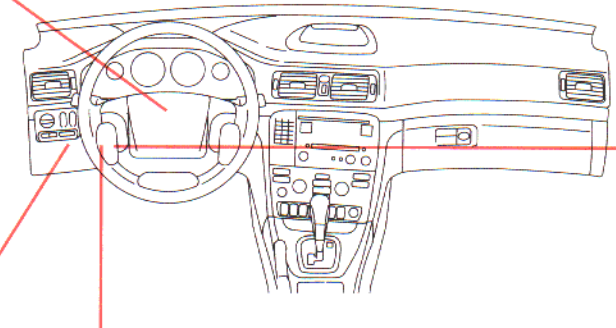
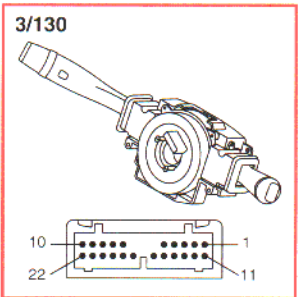
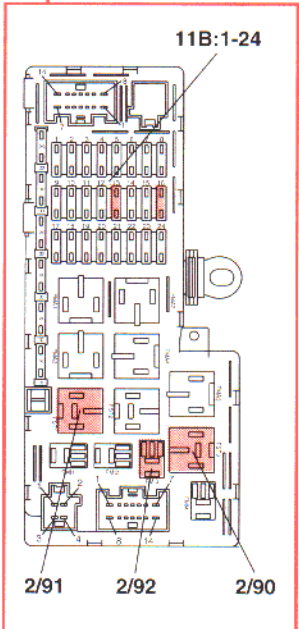
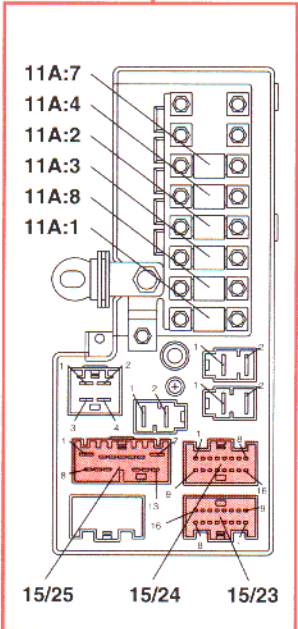
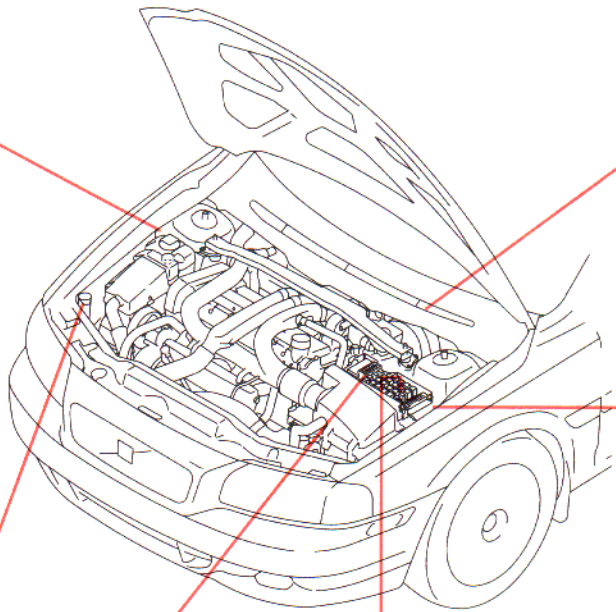
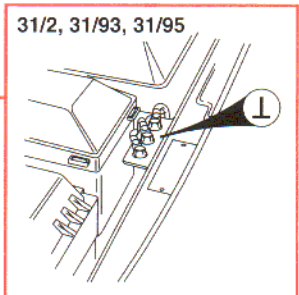
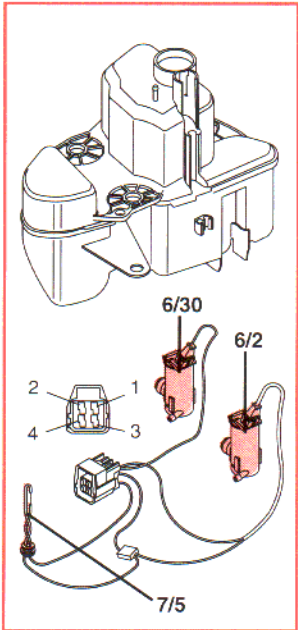
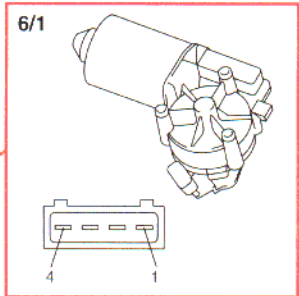
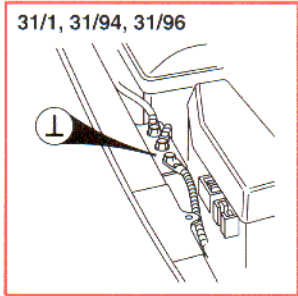


Turn signals and hazard warning flashers (V70)

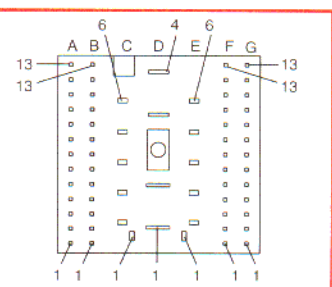
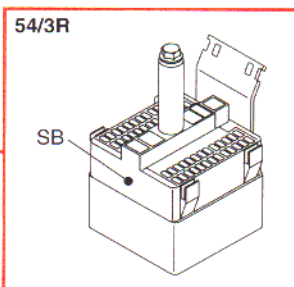
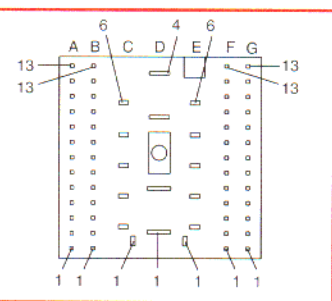
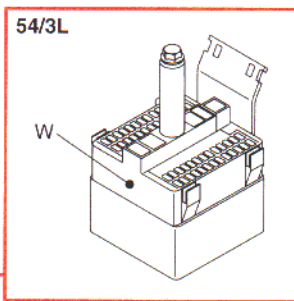
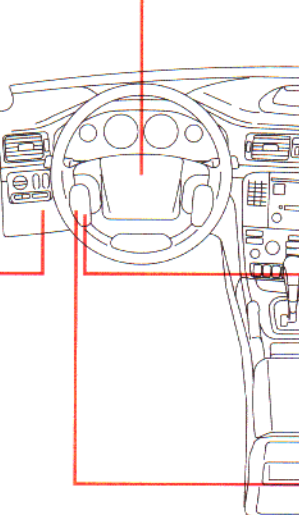
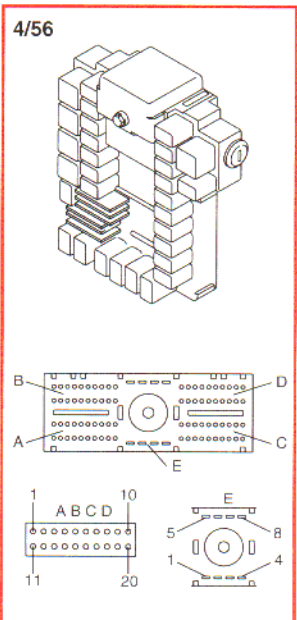
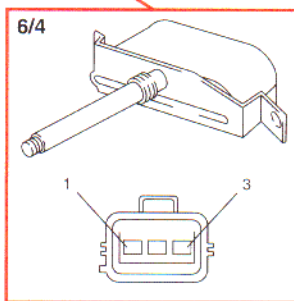
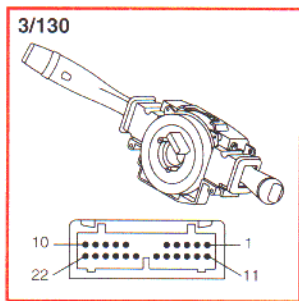
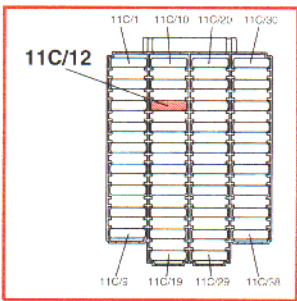
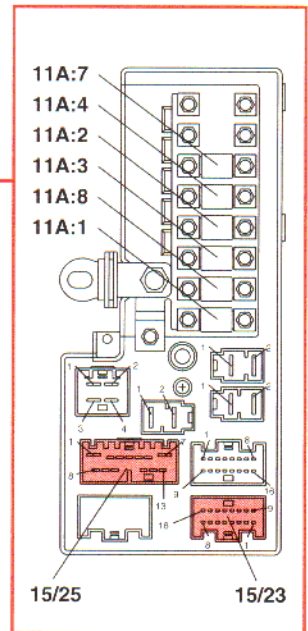
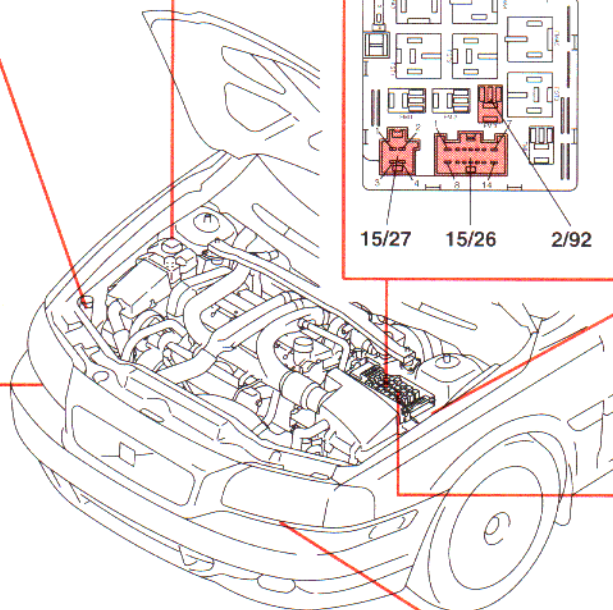
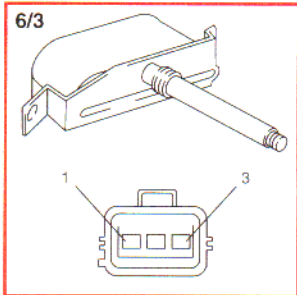
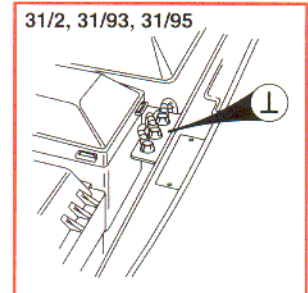
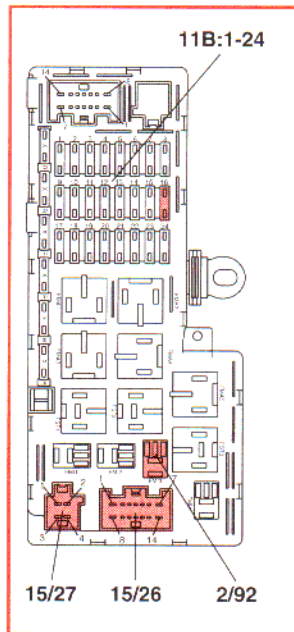
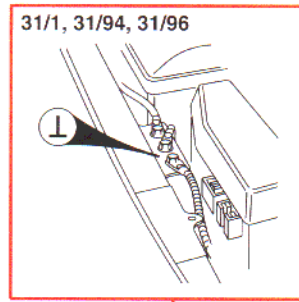
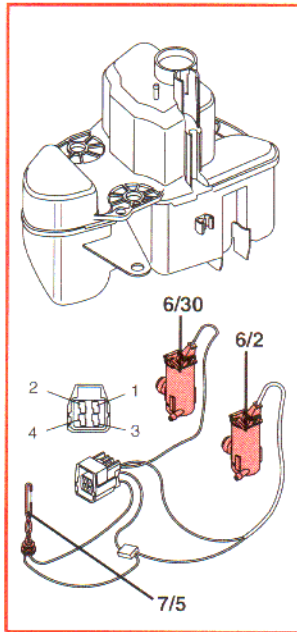




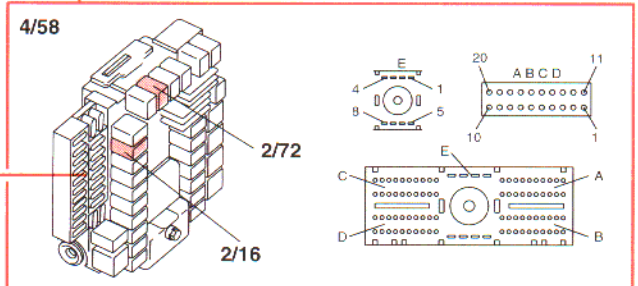
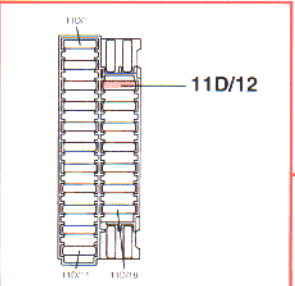
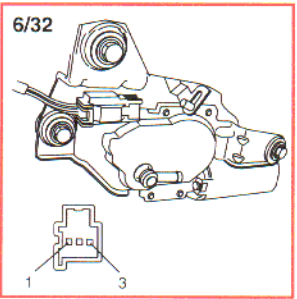
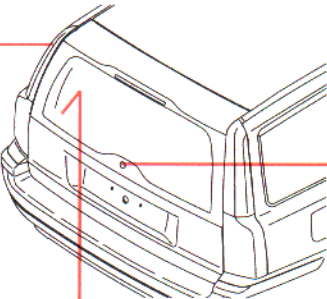
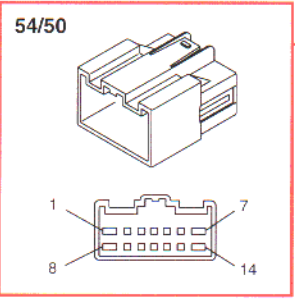
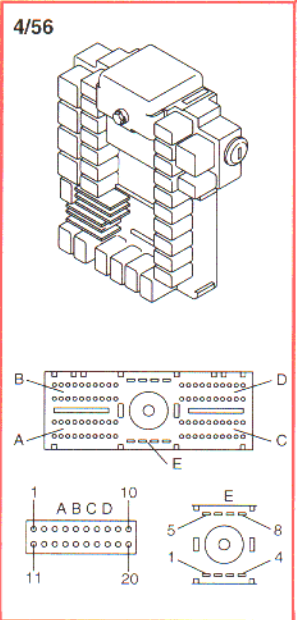
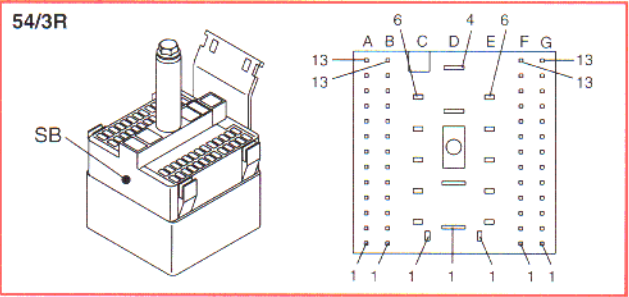
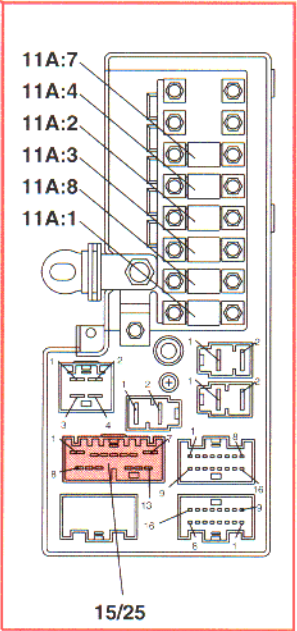
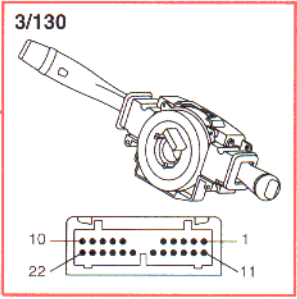
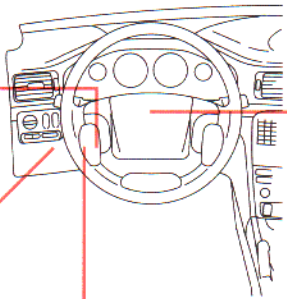
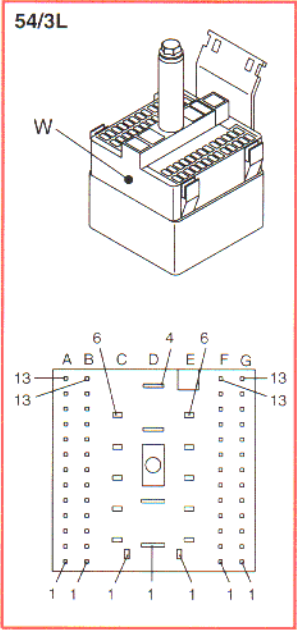
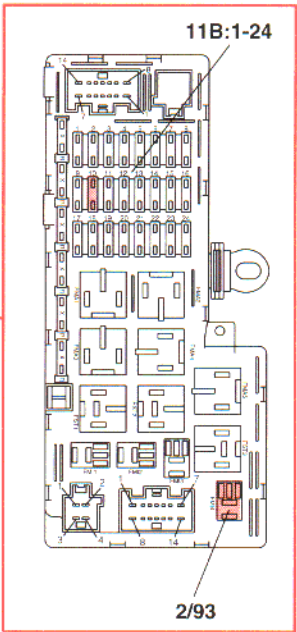
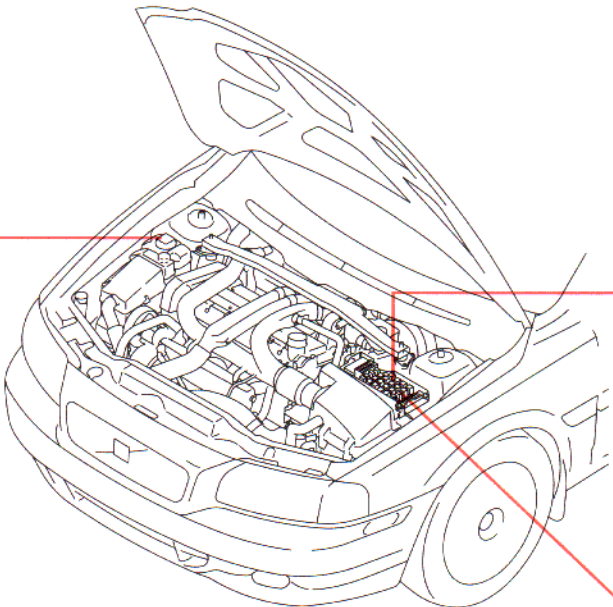
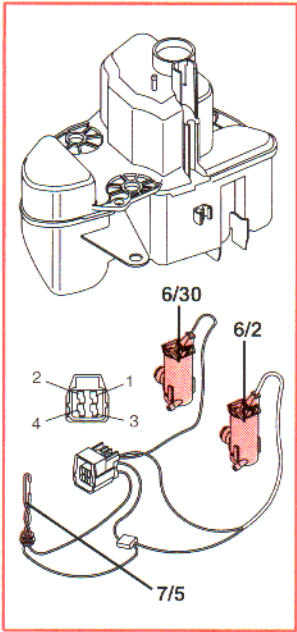
Windshield wiper/washer



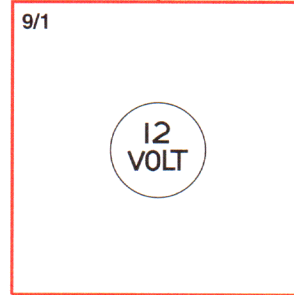
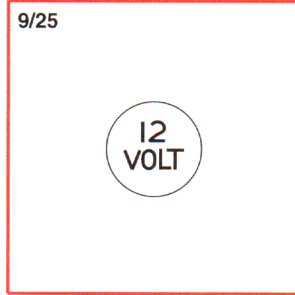
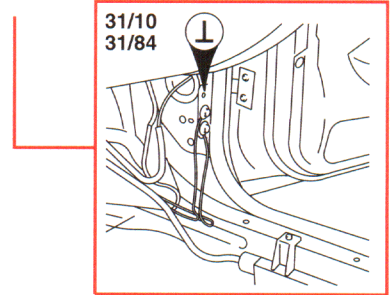
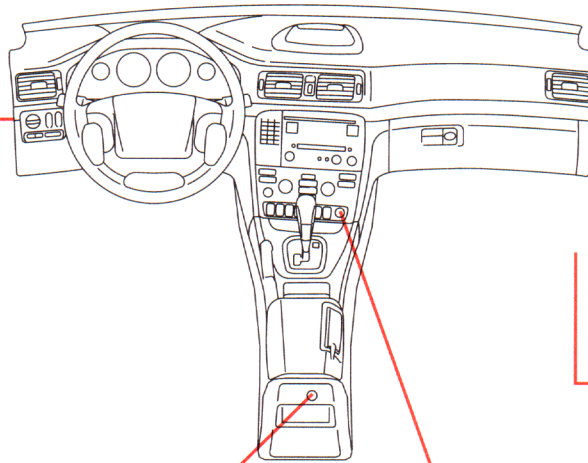
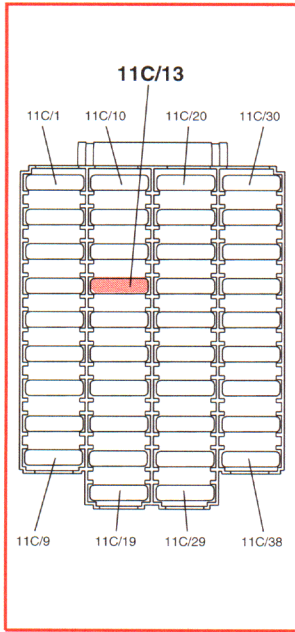
Headlight wiper/washer

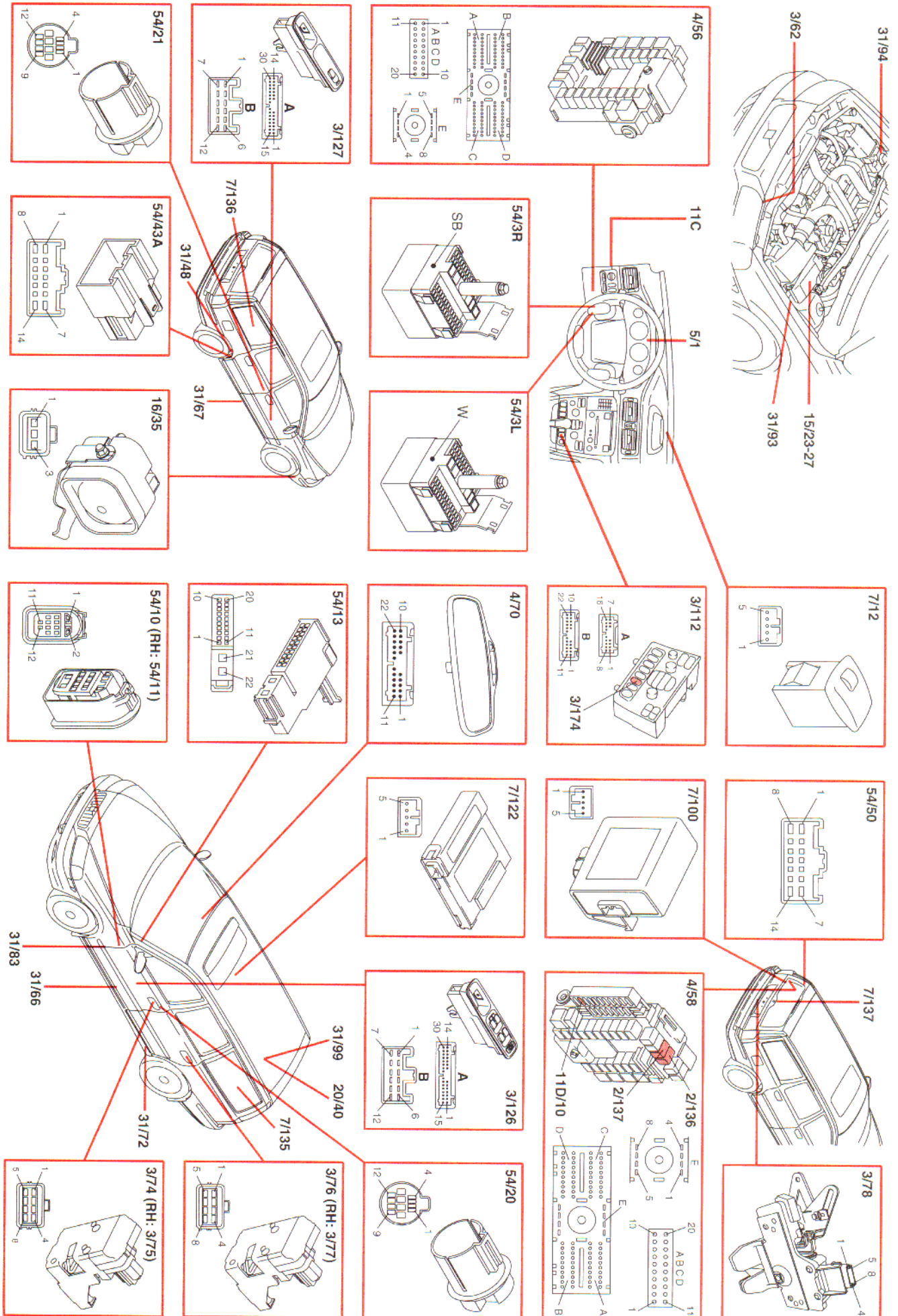


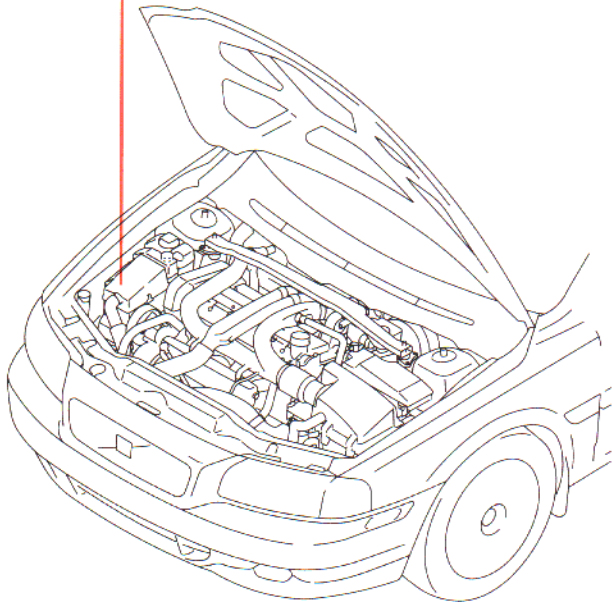
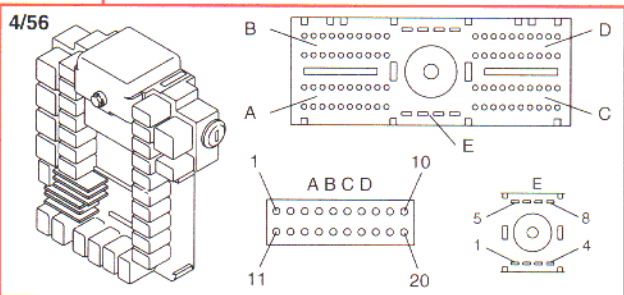
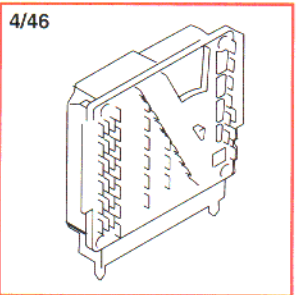
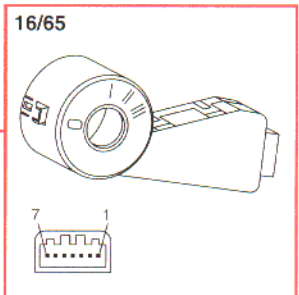
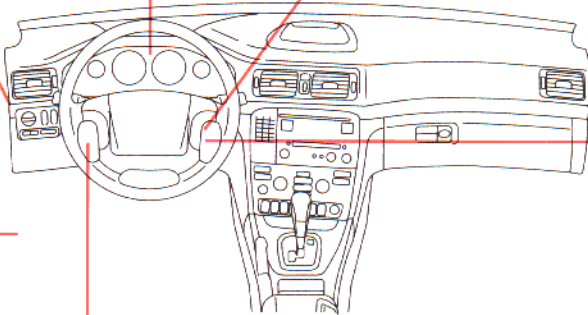
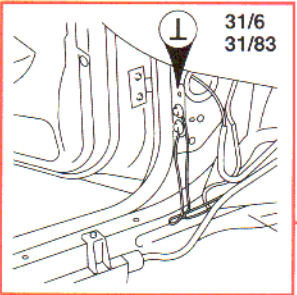
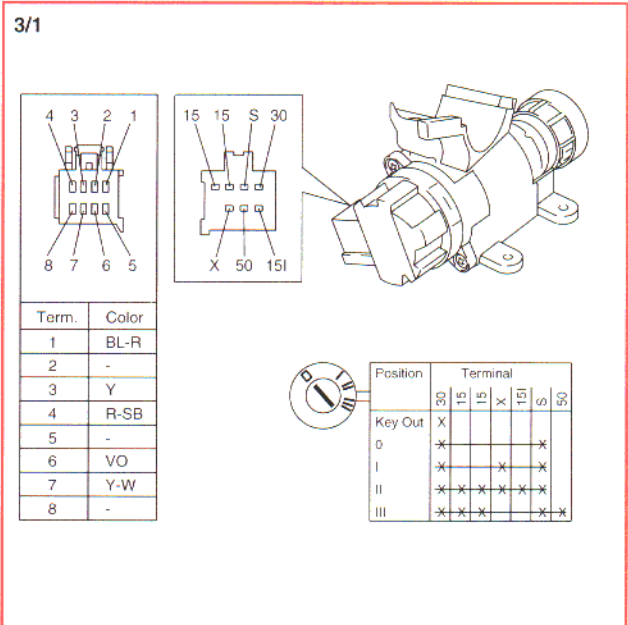
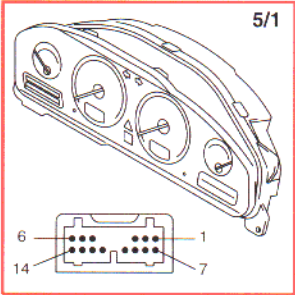
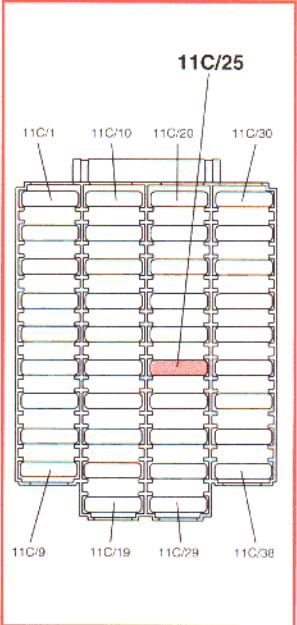
Rear window wiper/washer

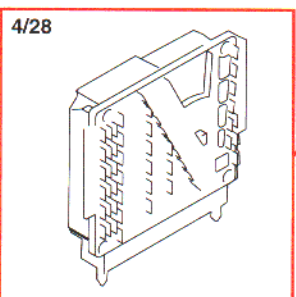
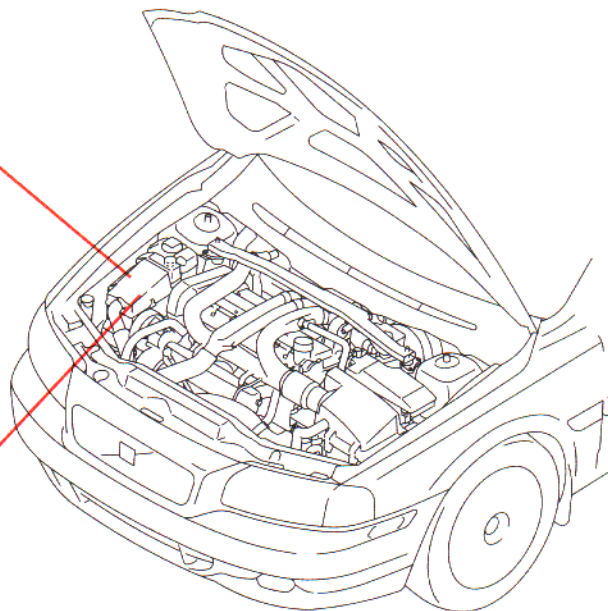
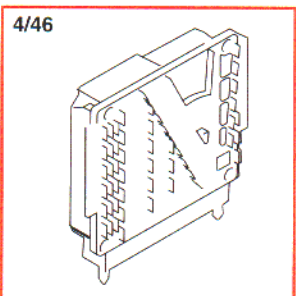
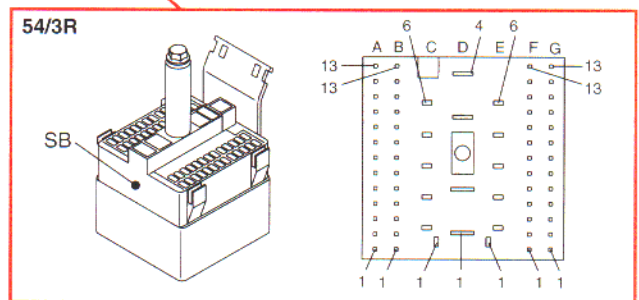
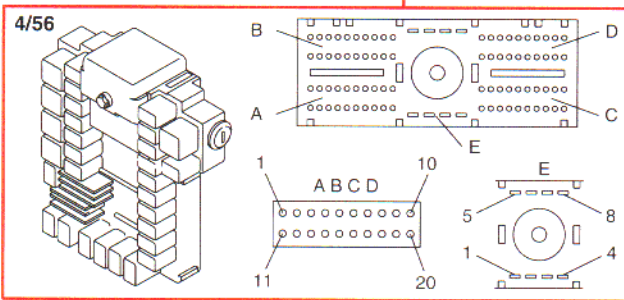
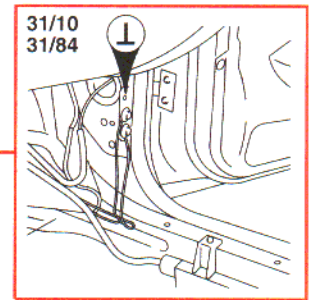
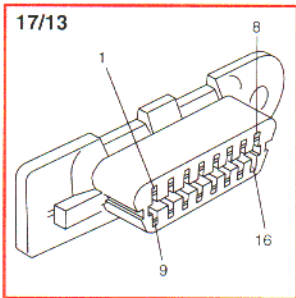
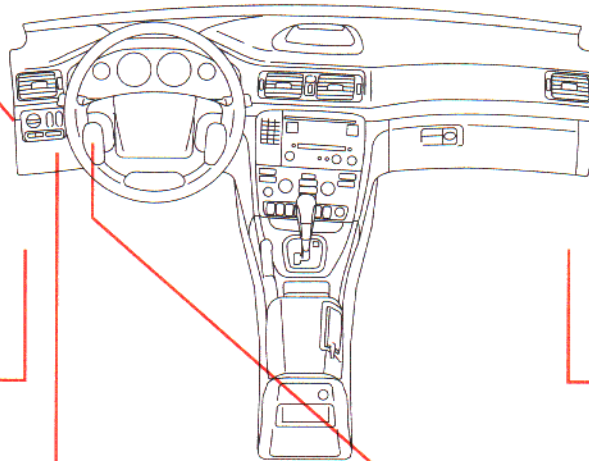
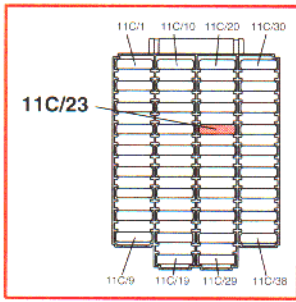


Cigarette lighter

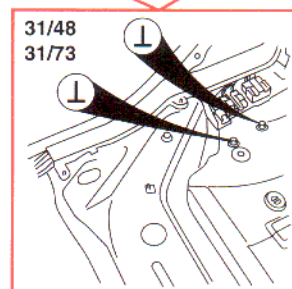
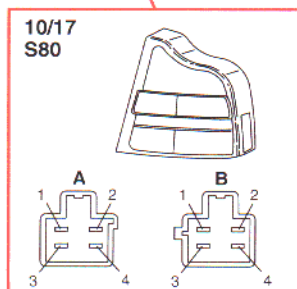
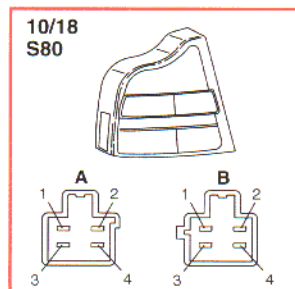
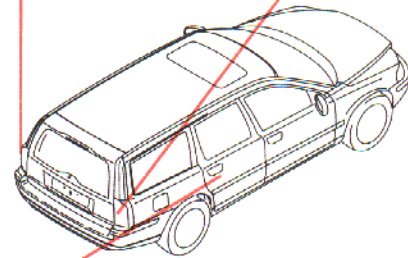
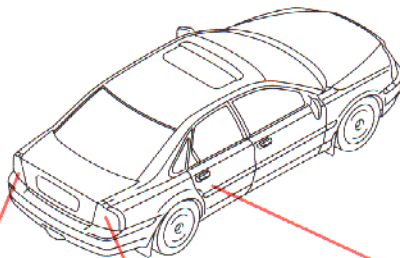
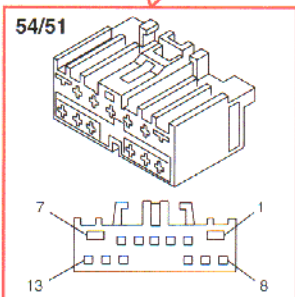
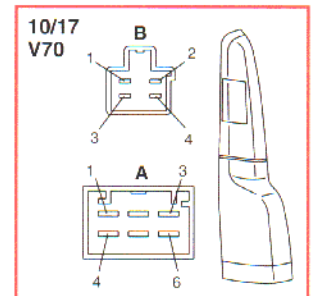
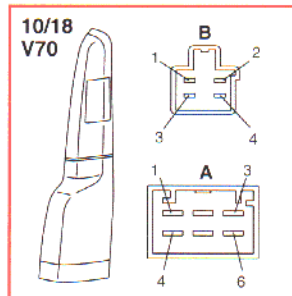
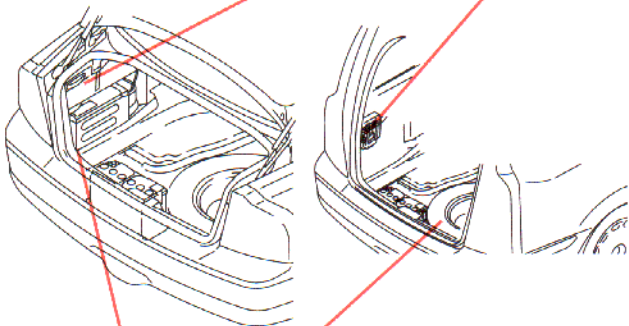
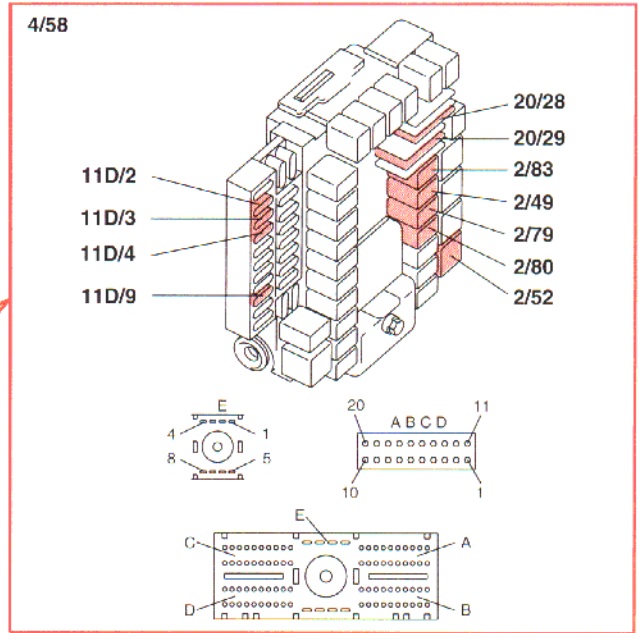
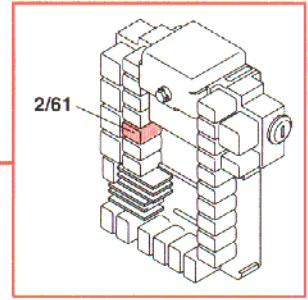
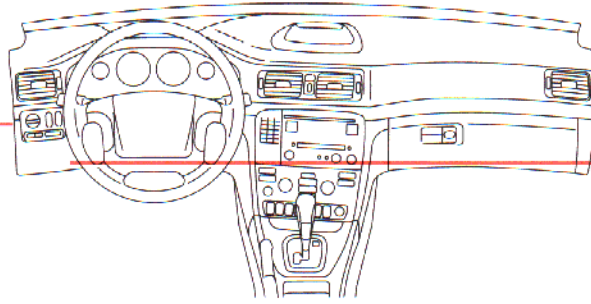
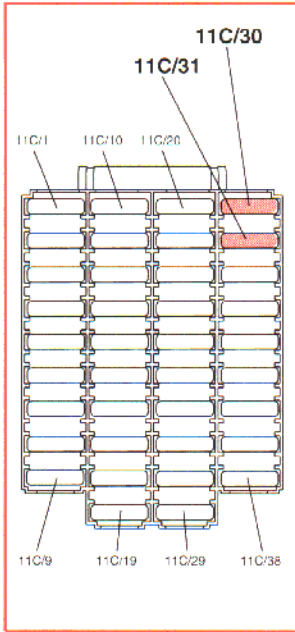


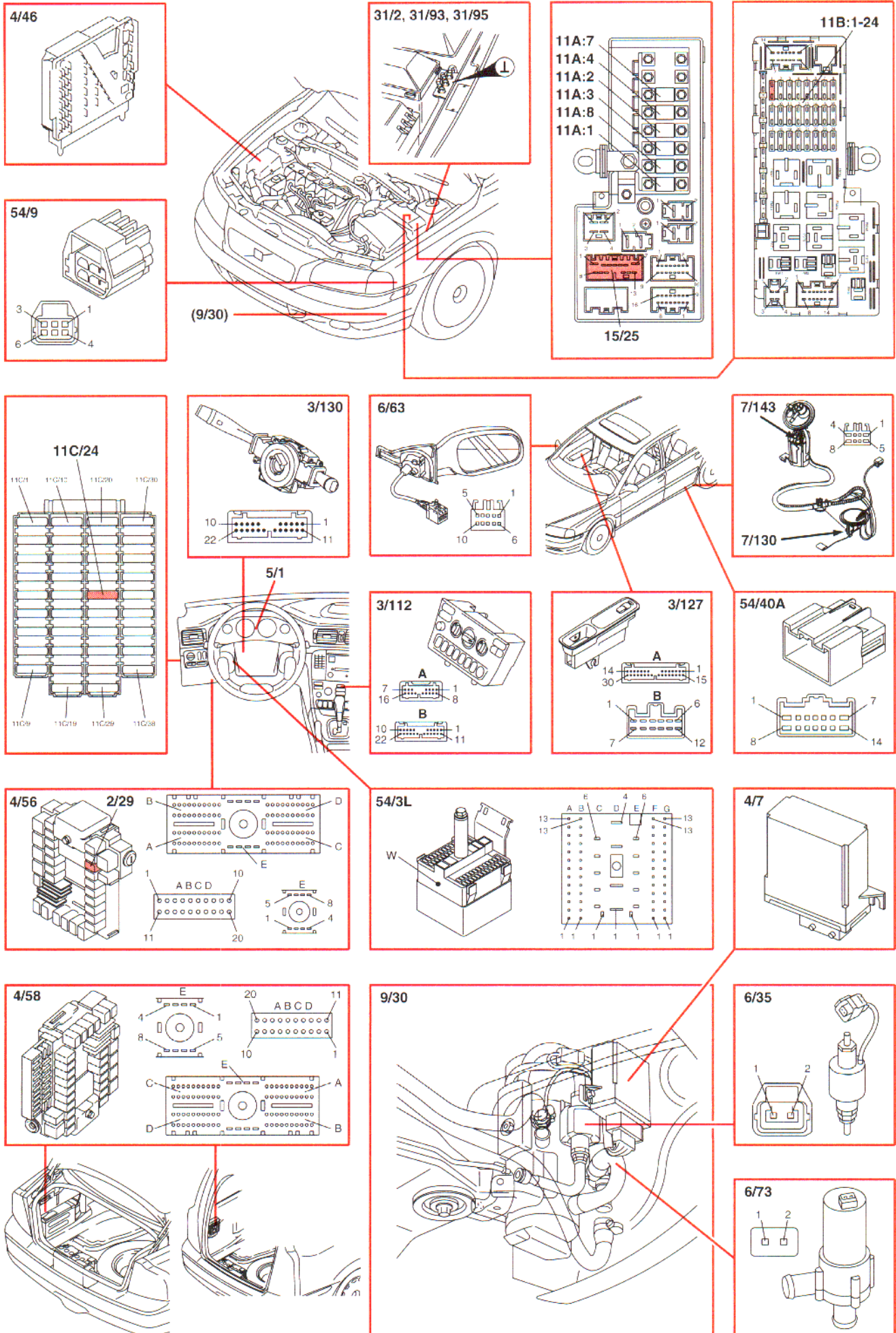




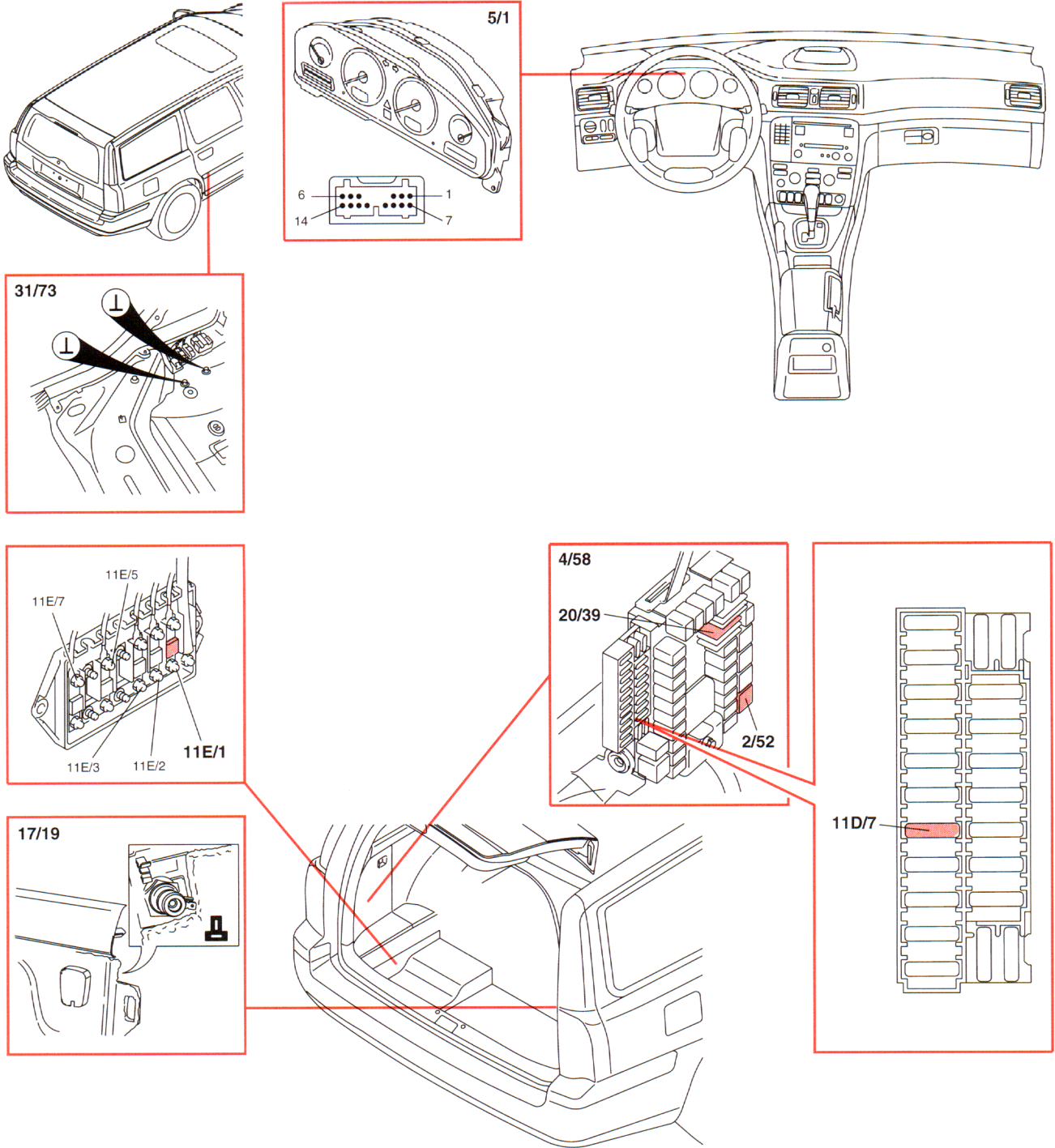


Towing bracket wiring

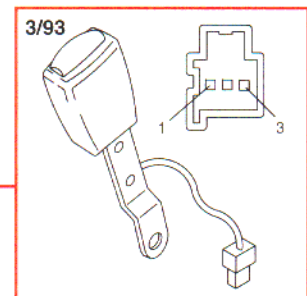
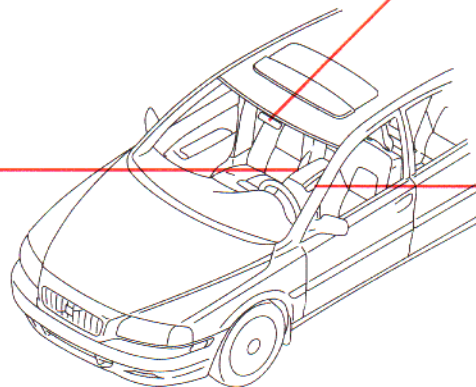
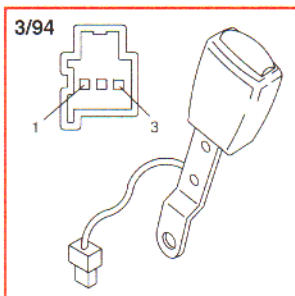
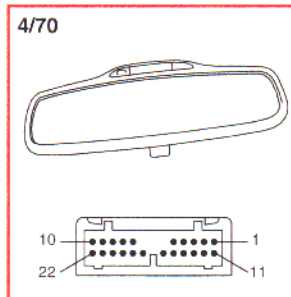
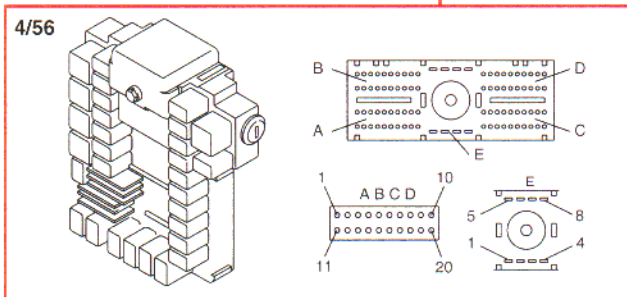
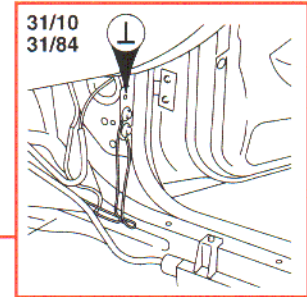
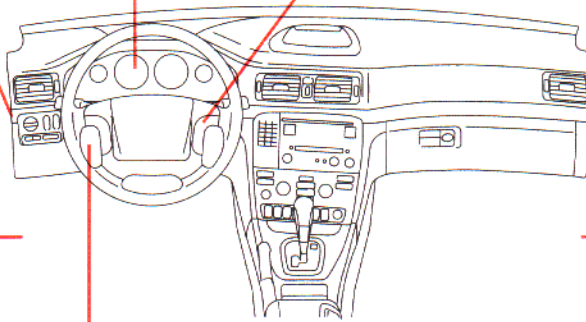
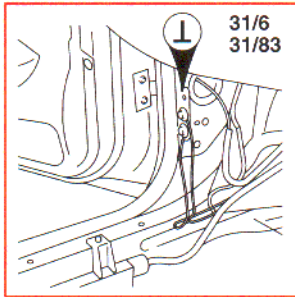
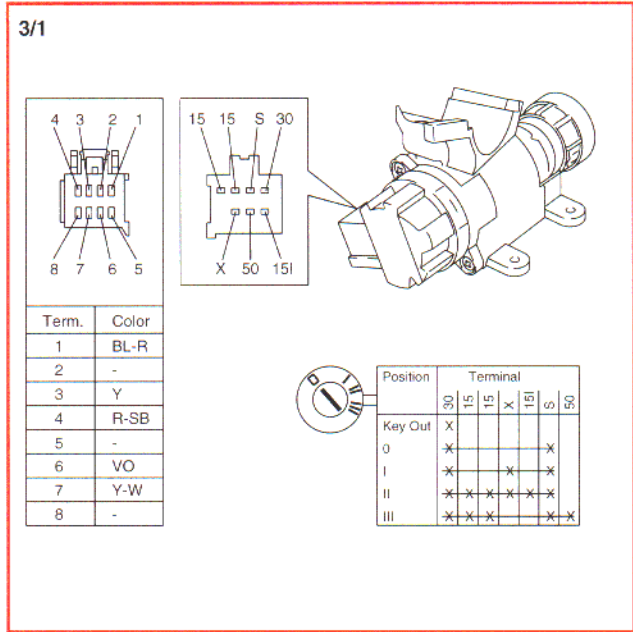
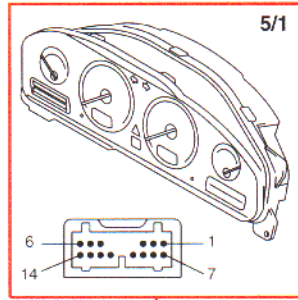
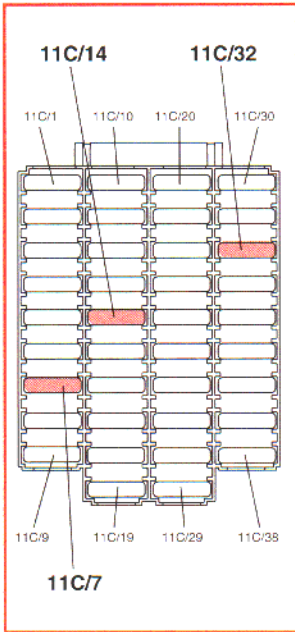




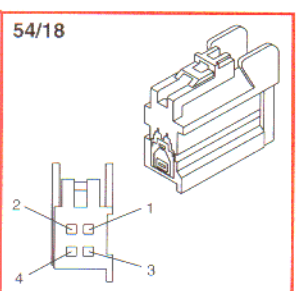
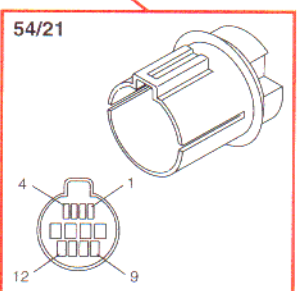
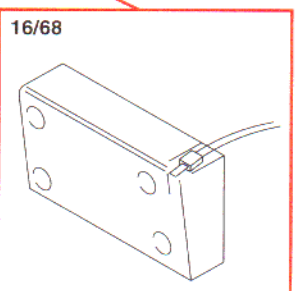
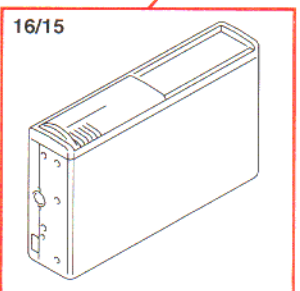
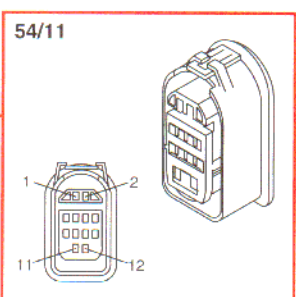
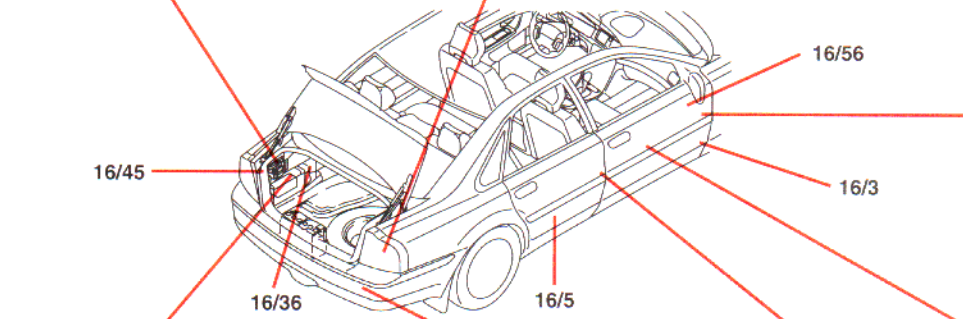
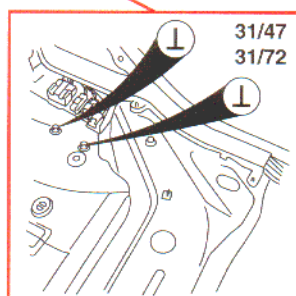
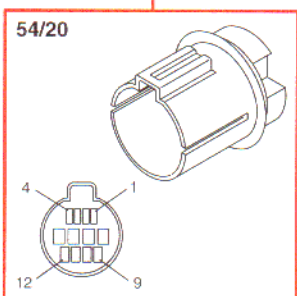
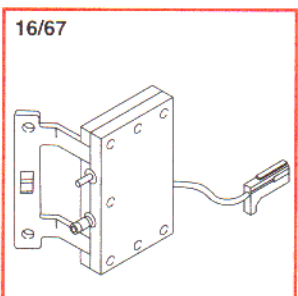
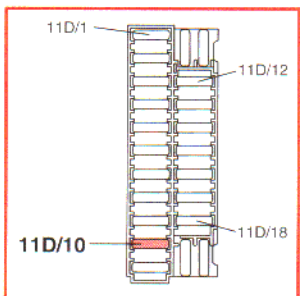
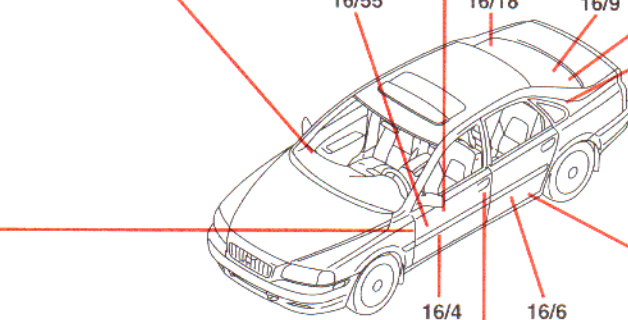
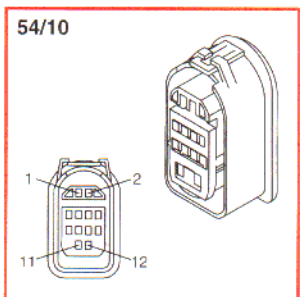
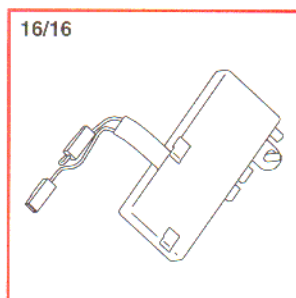
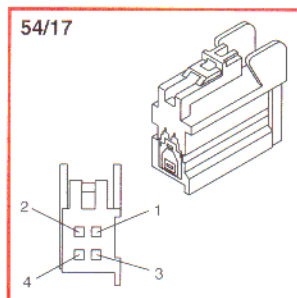
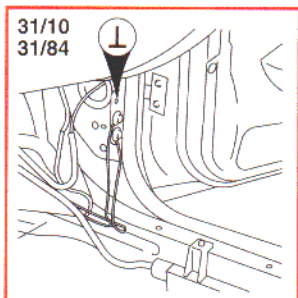
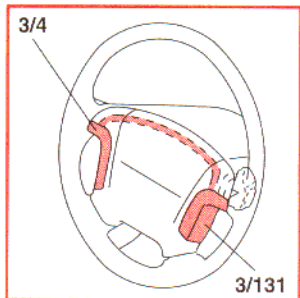
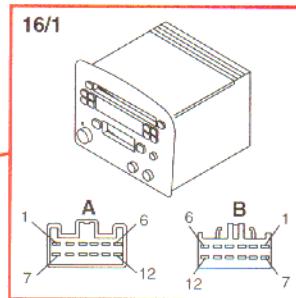
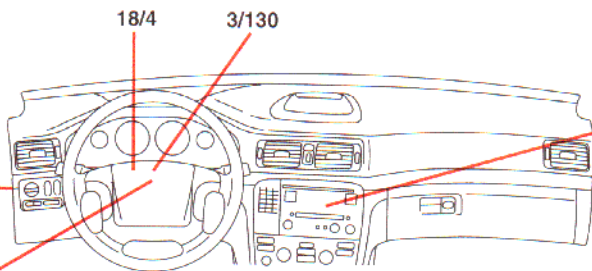
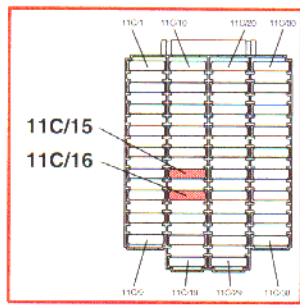
Cargo compartment outlet



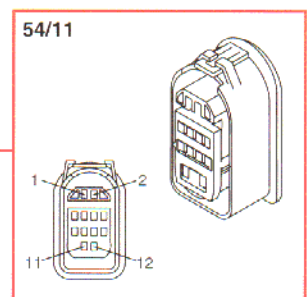
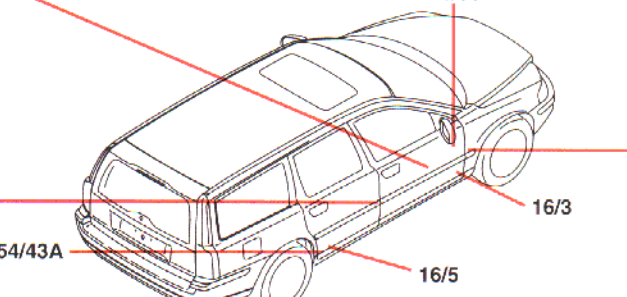
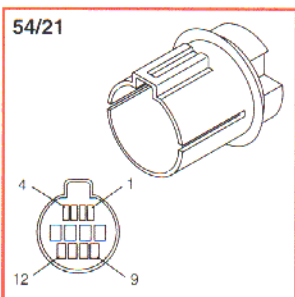
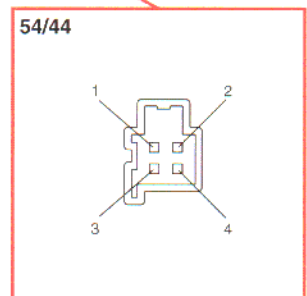
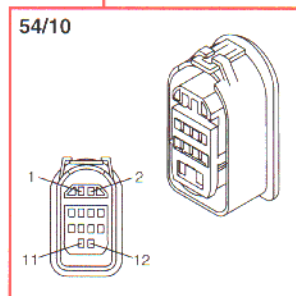
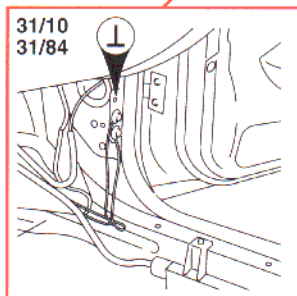
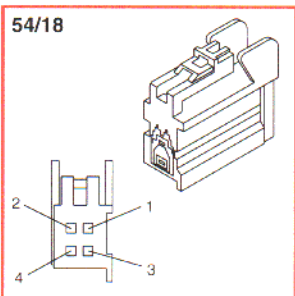
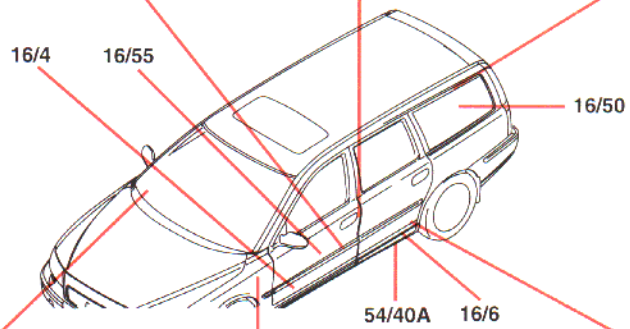
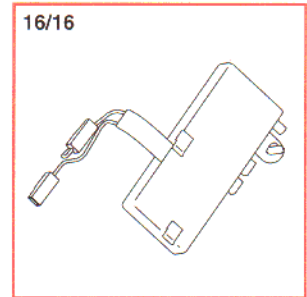
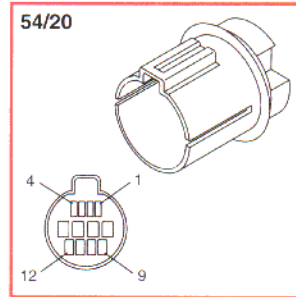
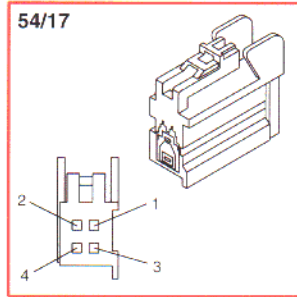
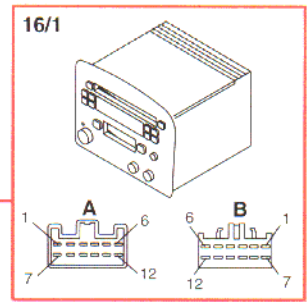
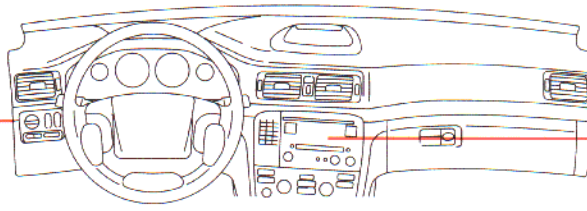
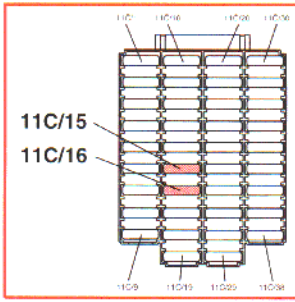
Seat belt reminder

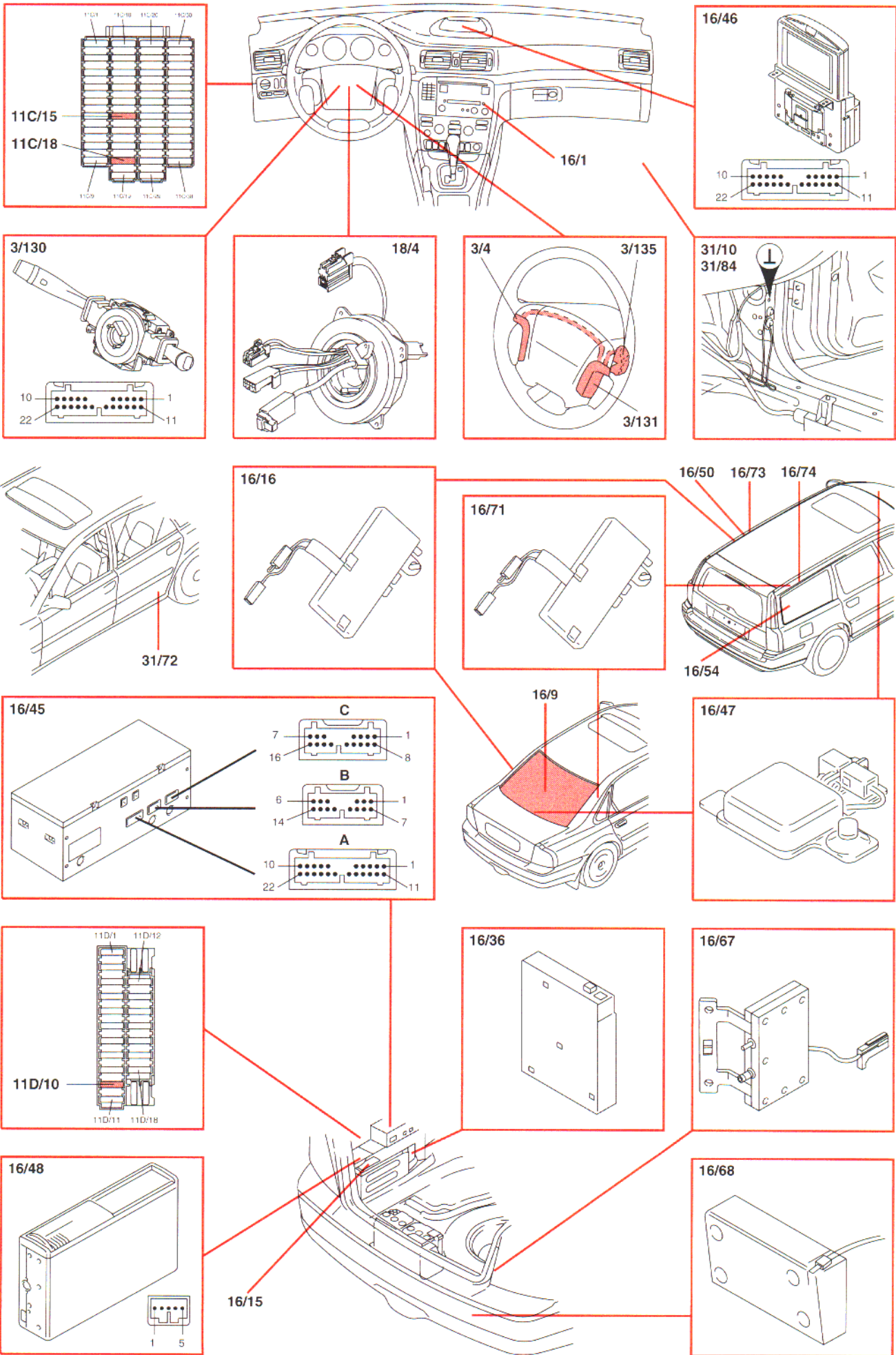


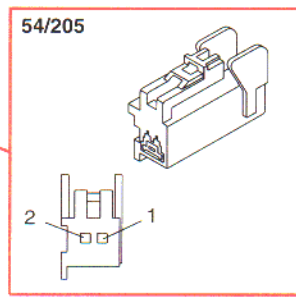
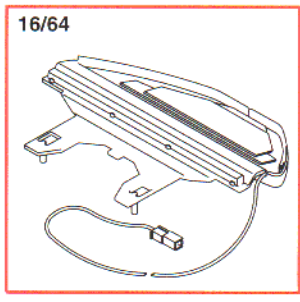
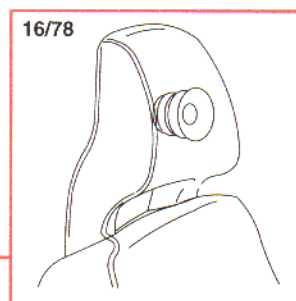
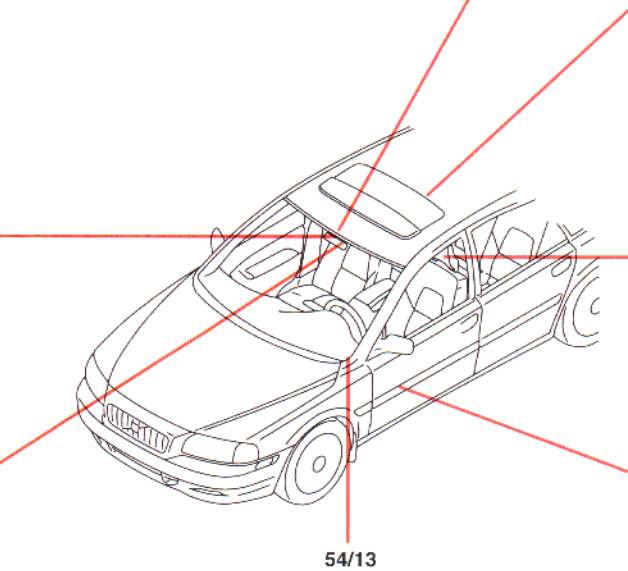
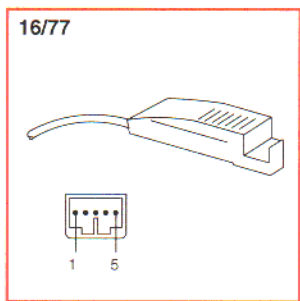
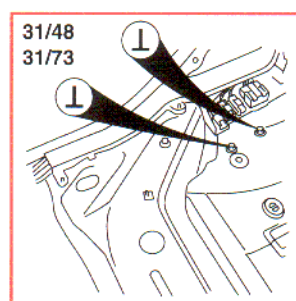
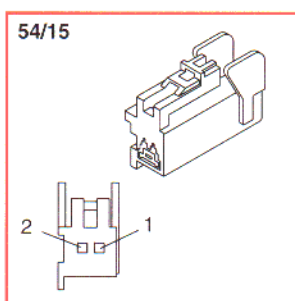
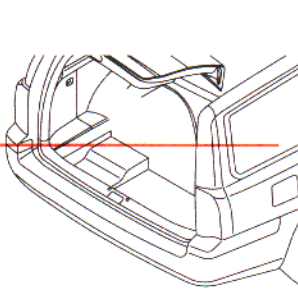
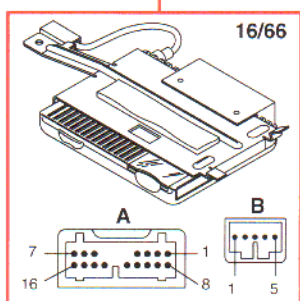
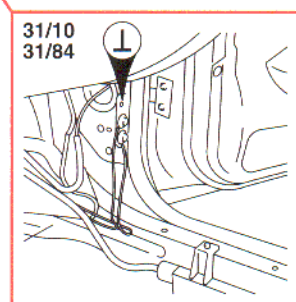
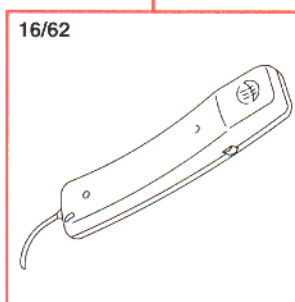
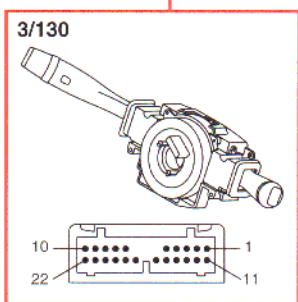
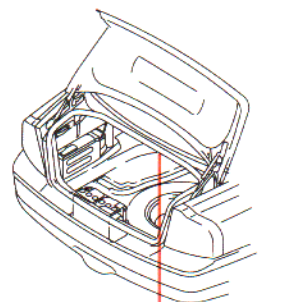
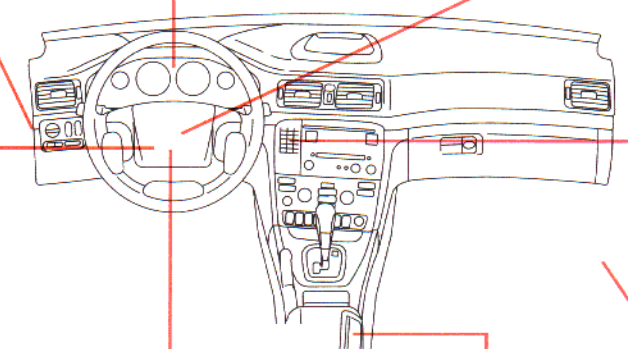
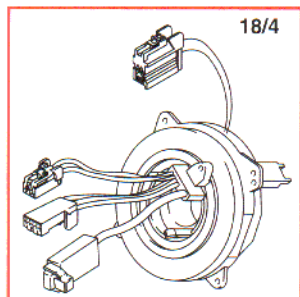
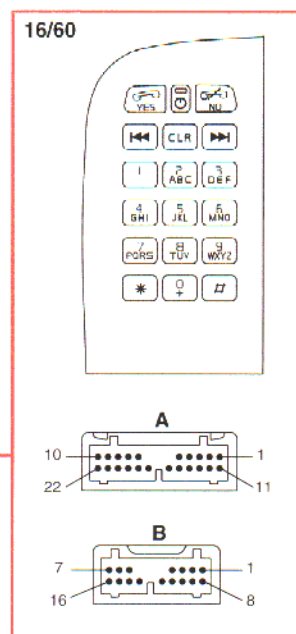
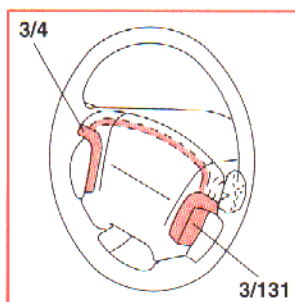
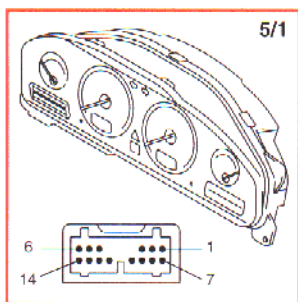
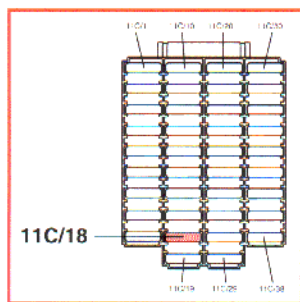
Radio without extra amplifier (S80)



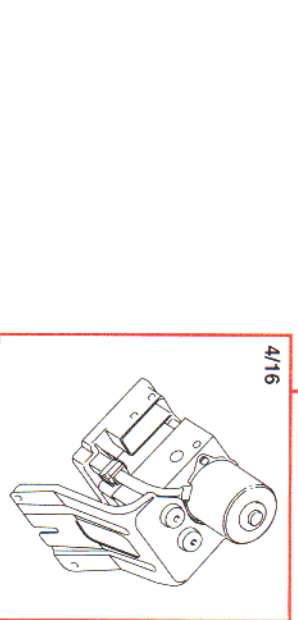
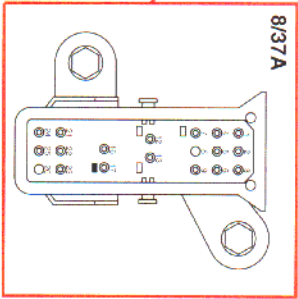
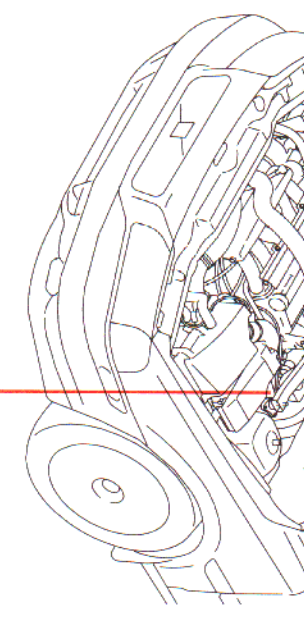
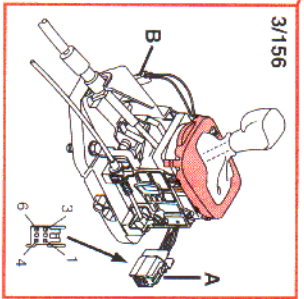
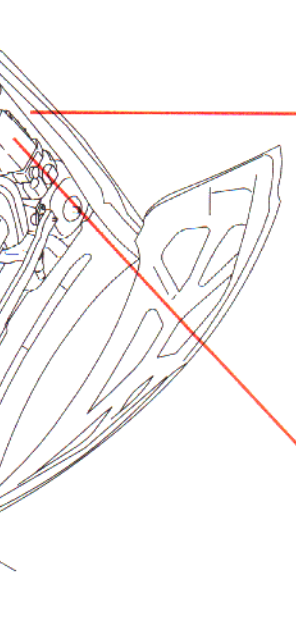
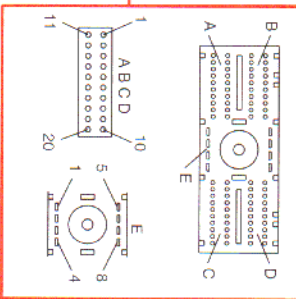
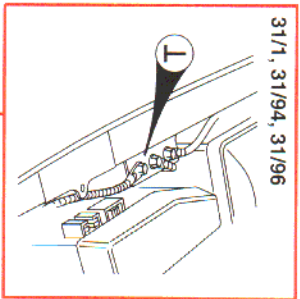
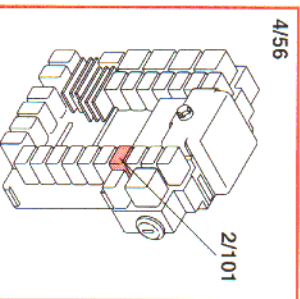
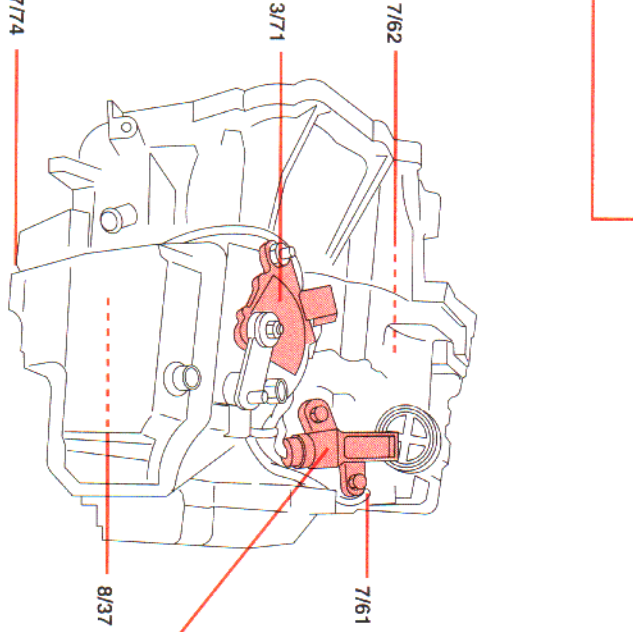
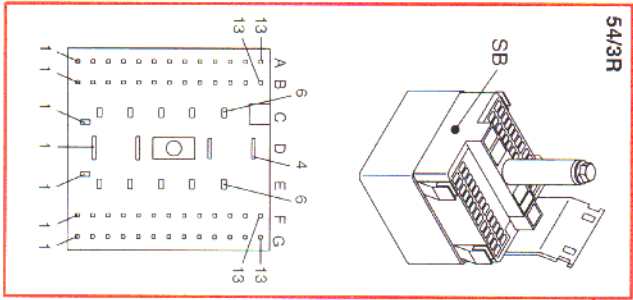
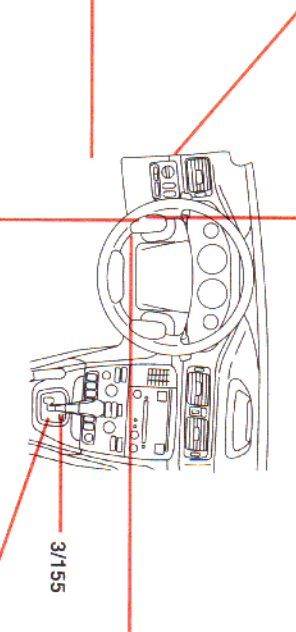
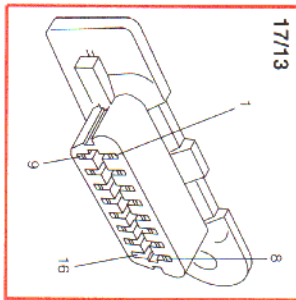
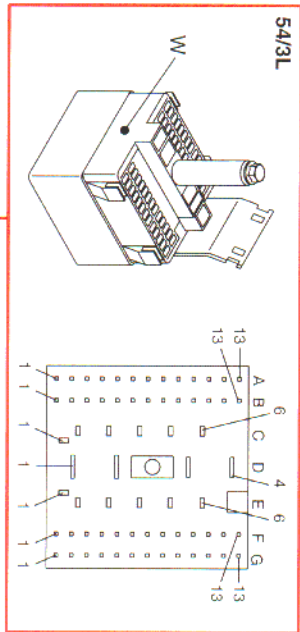
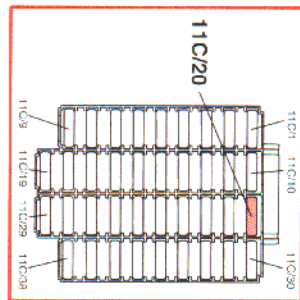
Radio without extra amplifier (V70)



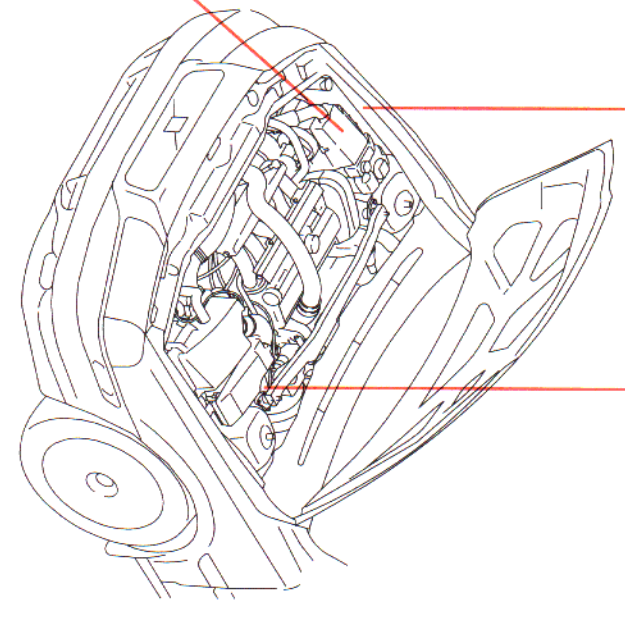
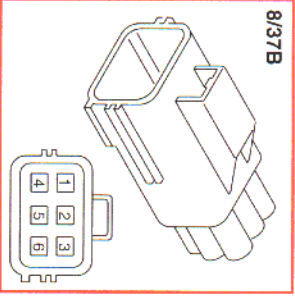
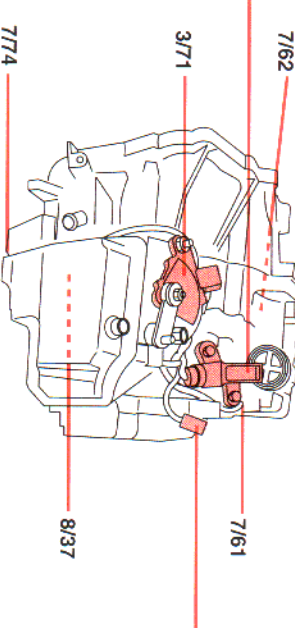
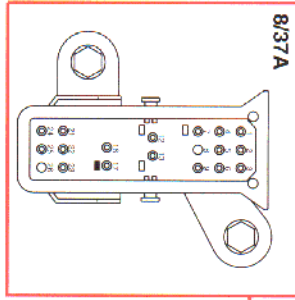
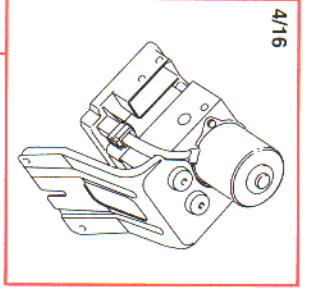
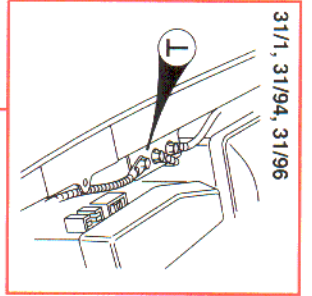
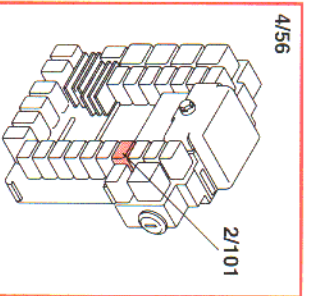
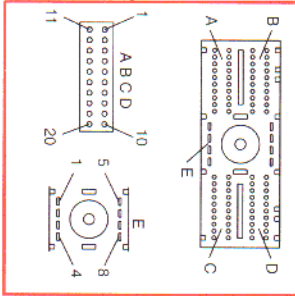
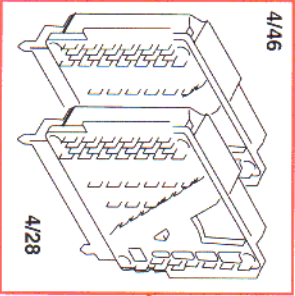
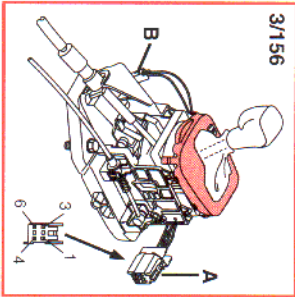
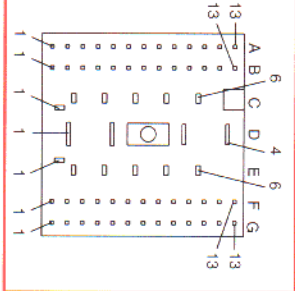
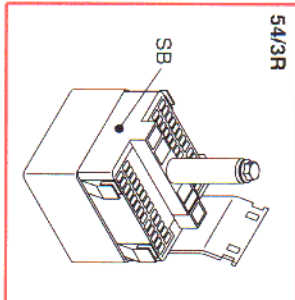
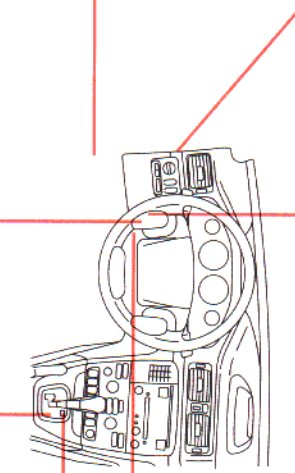
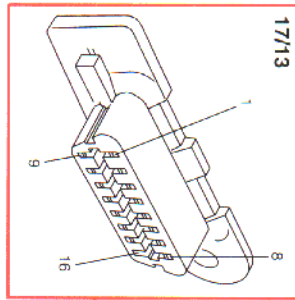
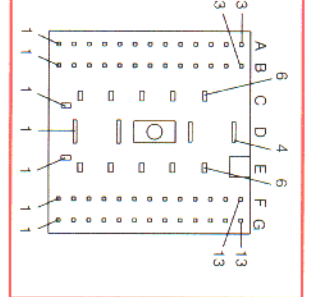
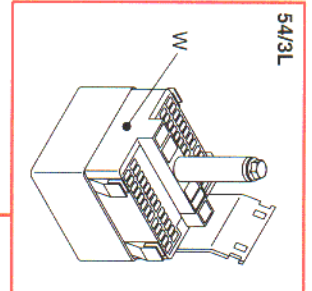
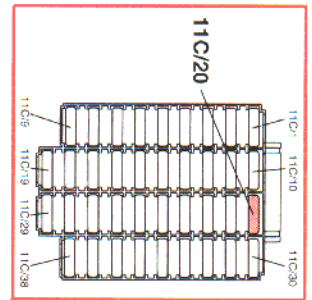


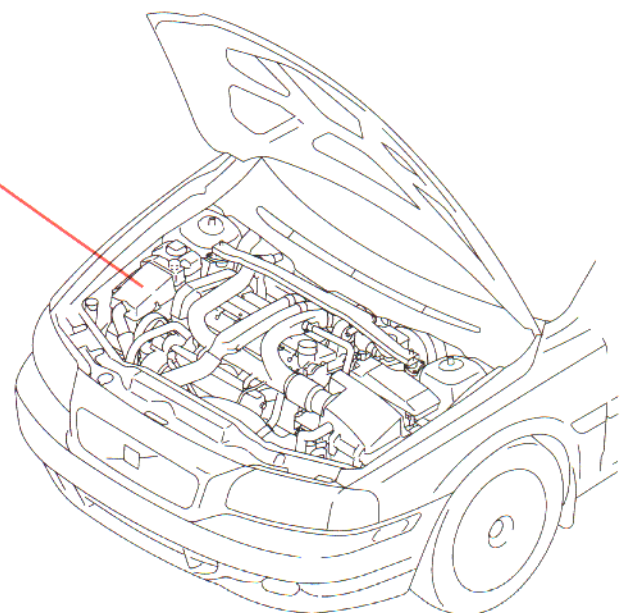
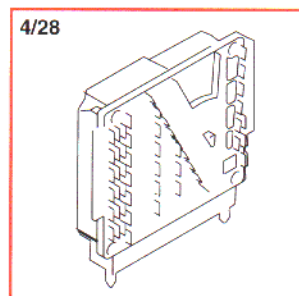
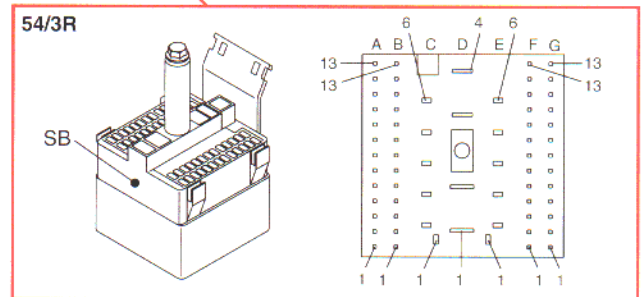
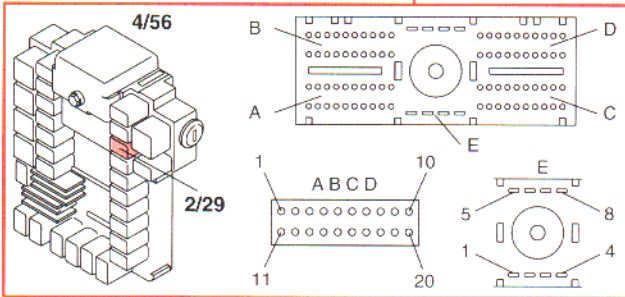
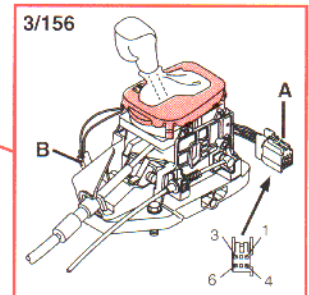
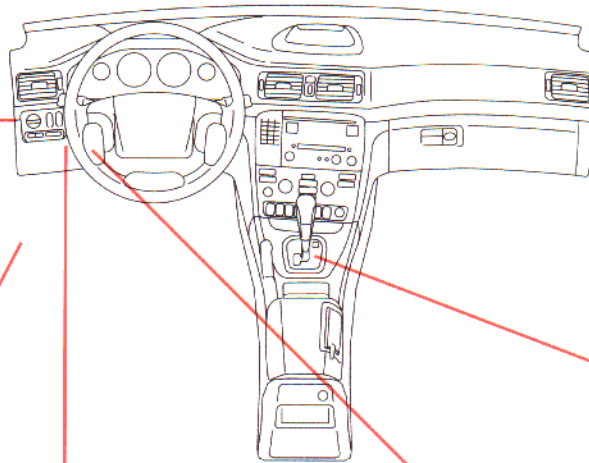
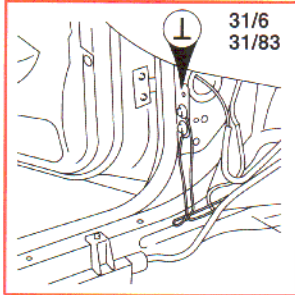
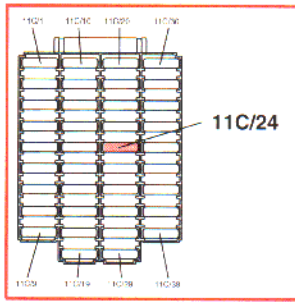


Automatic transmission AW 50-42

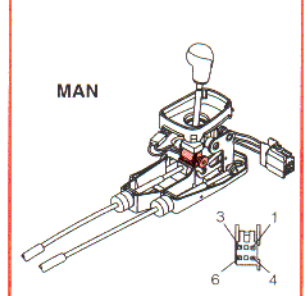
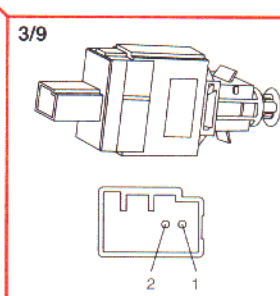
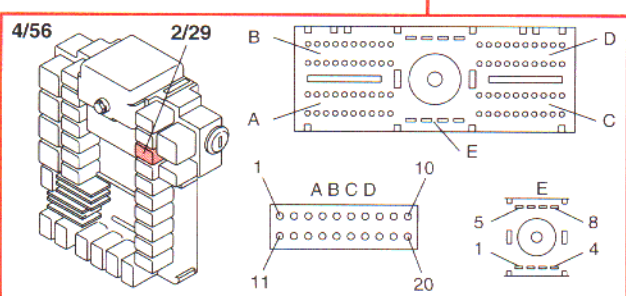
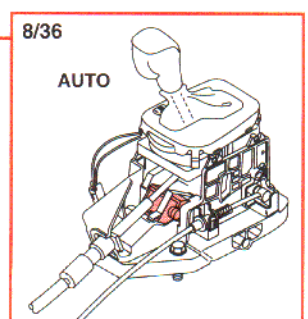
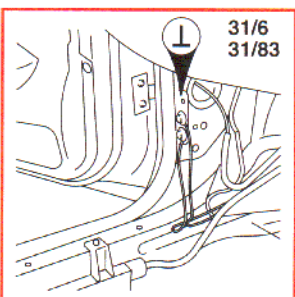
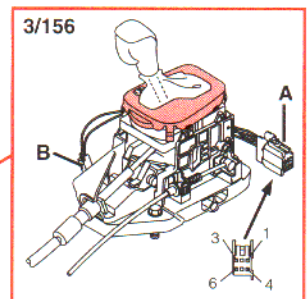
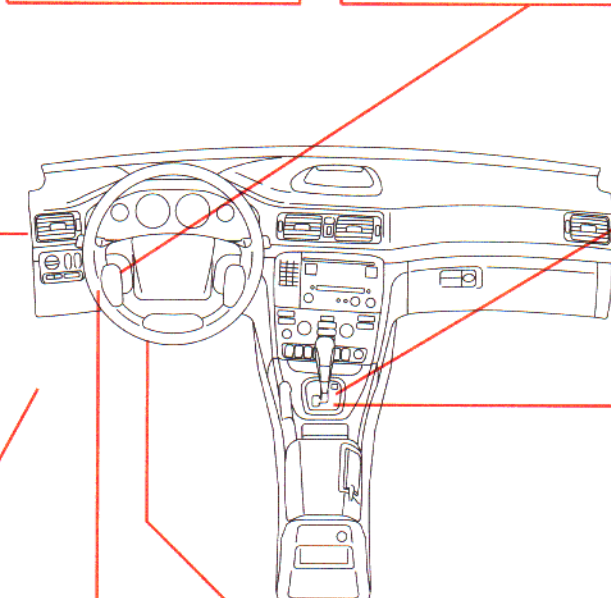
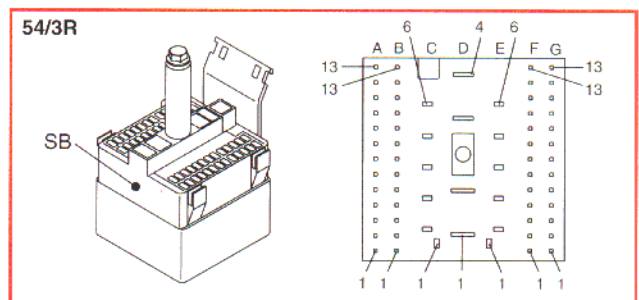
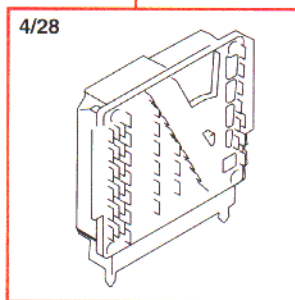
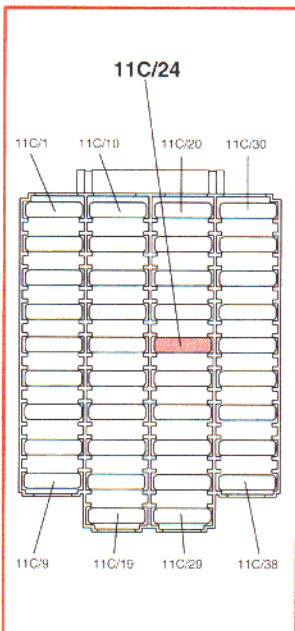
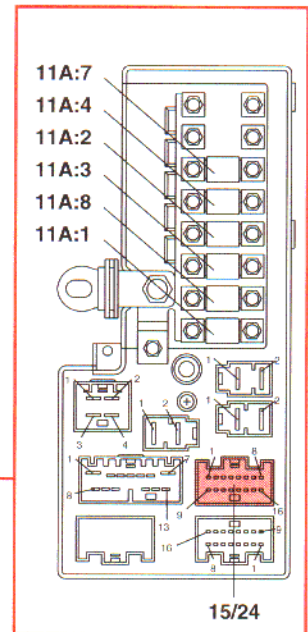
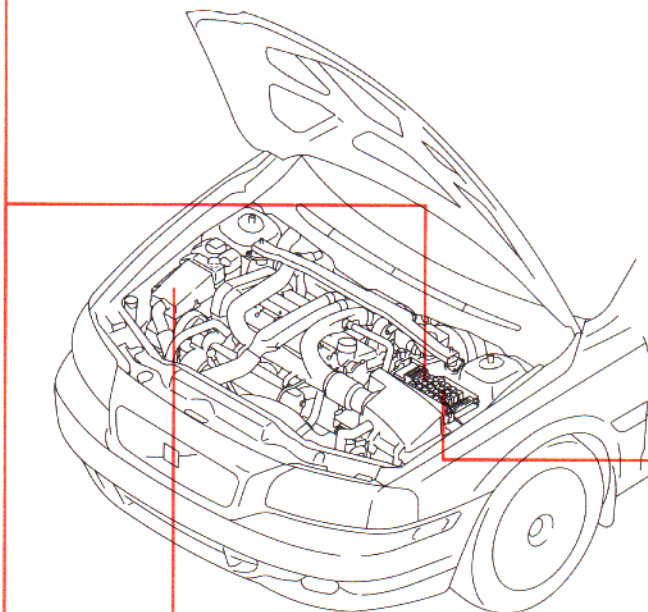
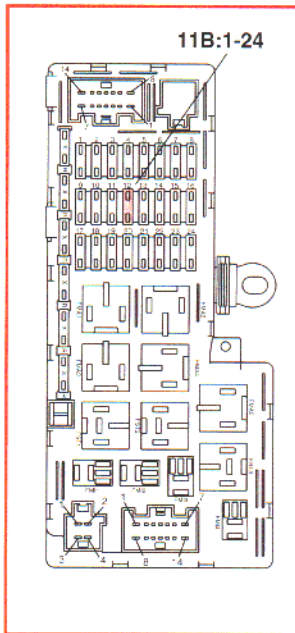


Automatic transmission AW 55-50

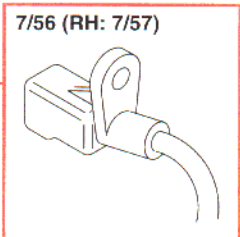
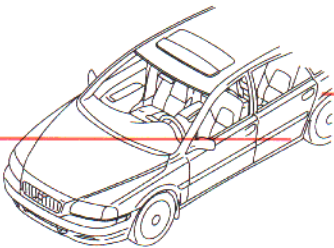
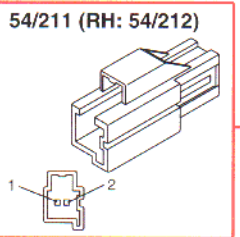
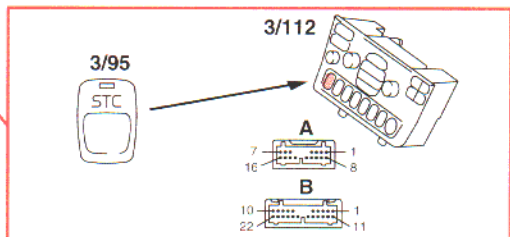
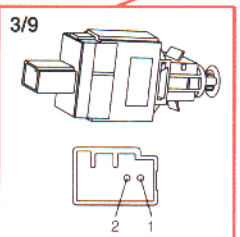
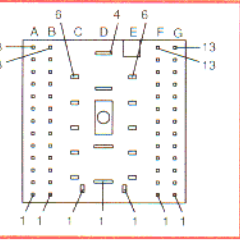
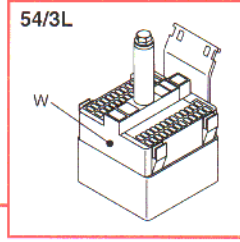
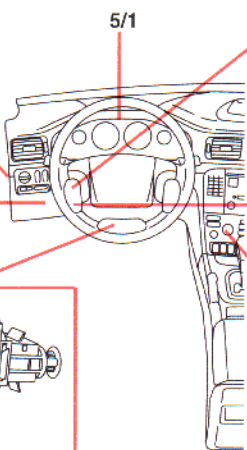
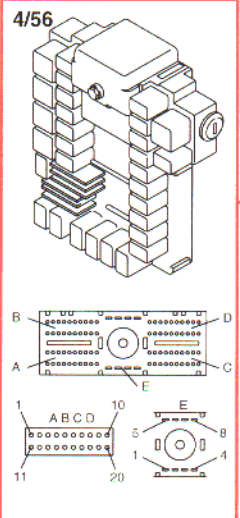
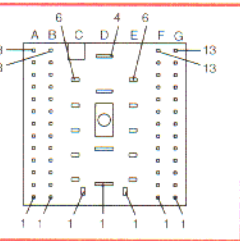
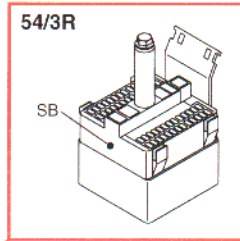
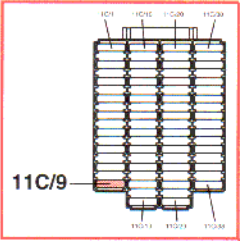
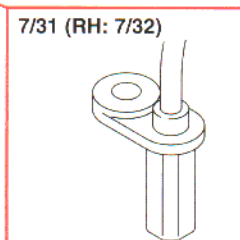
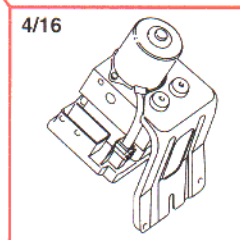
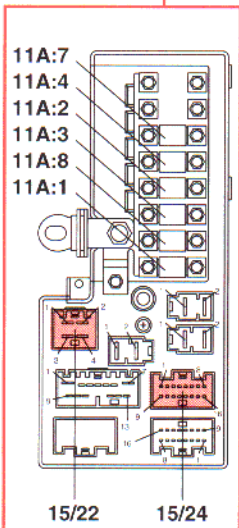
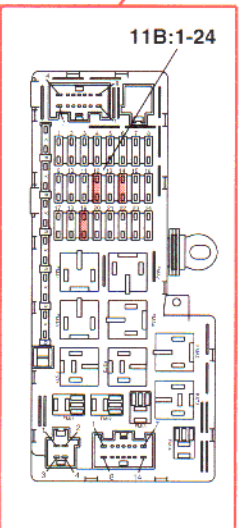
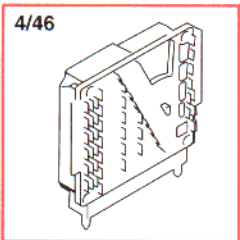
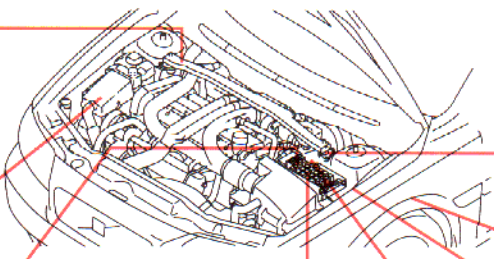
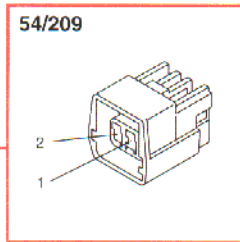
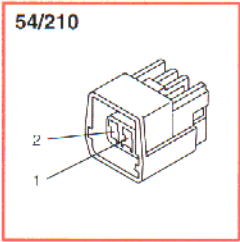




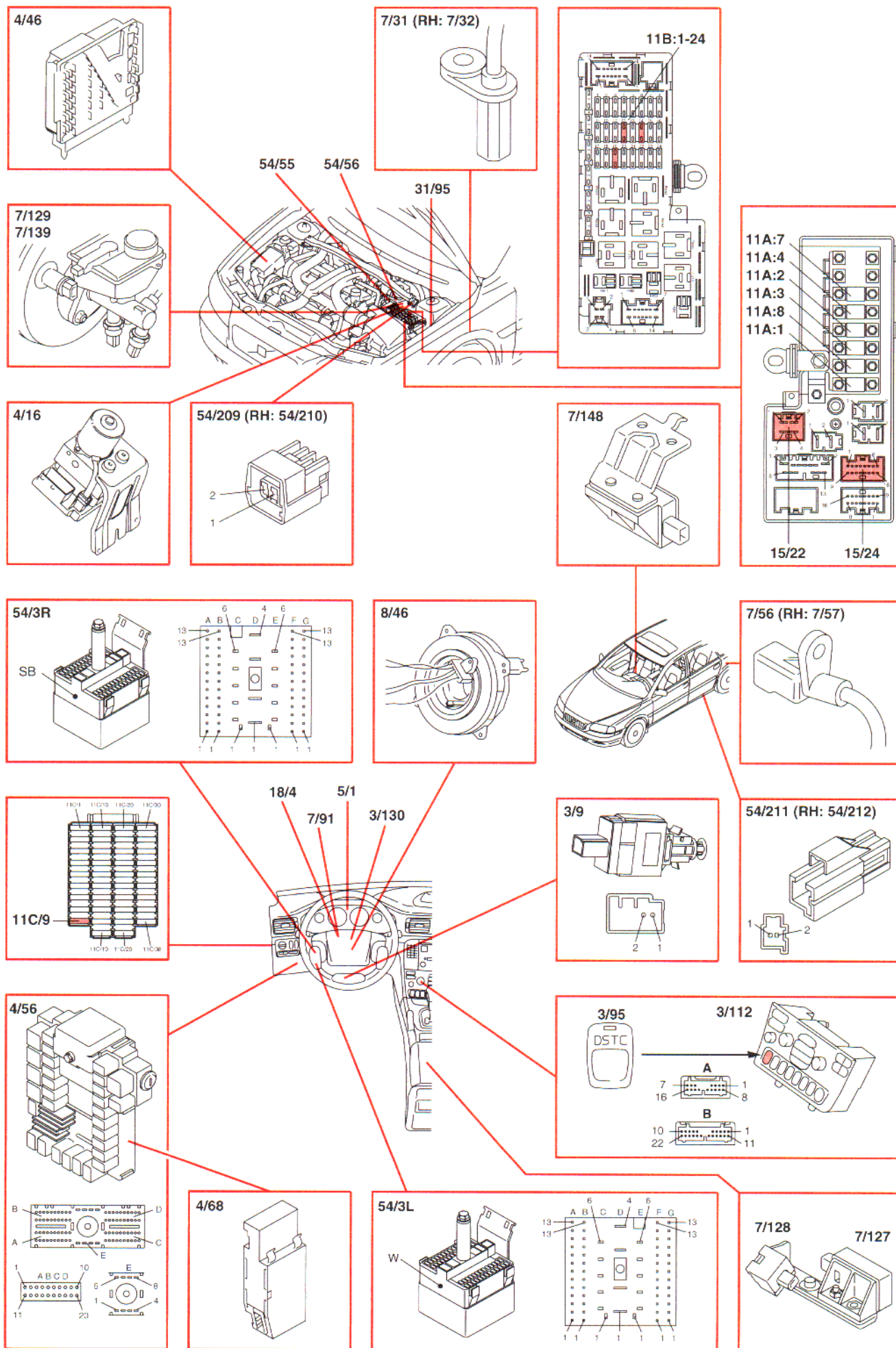
Shift lock



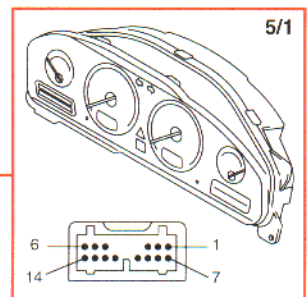
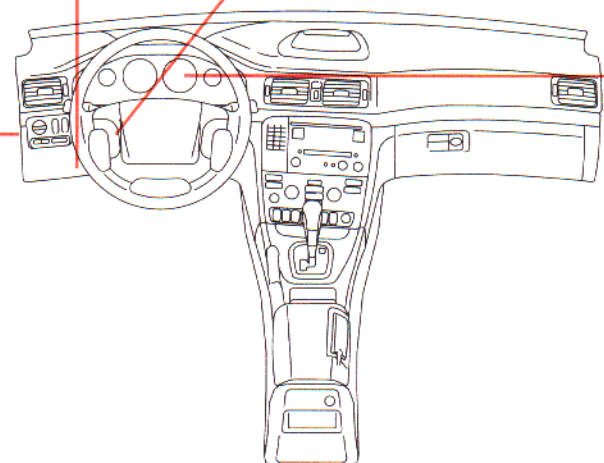
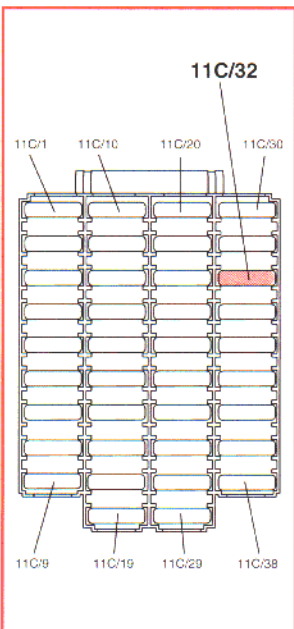
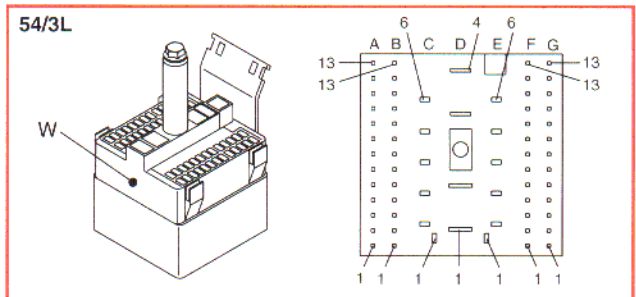
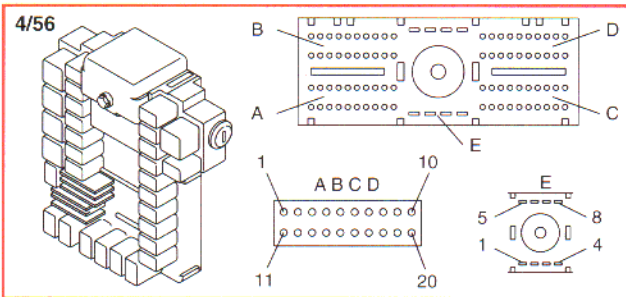
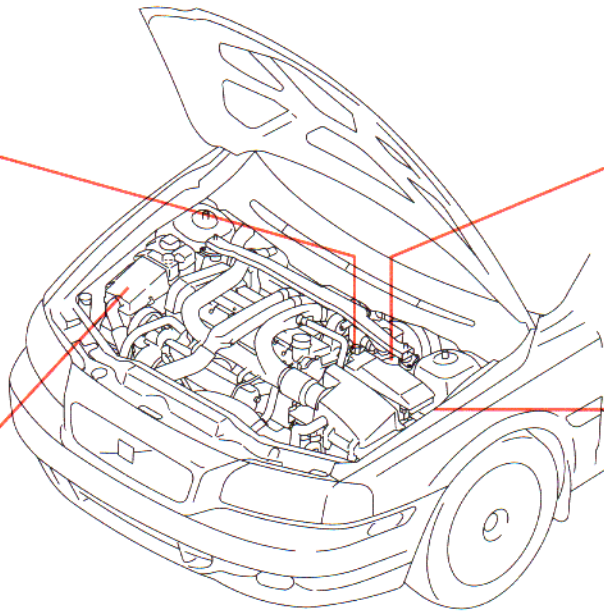
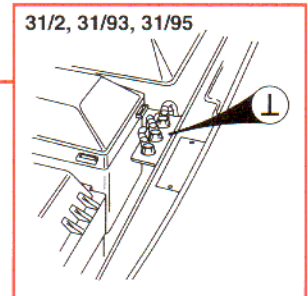
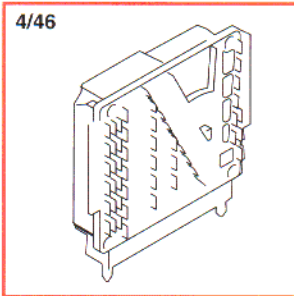
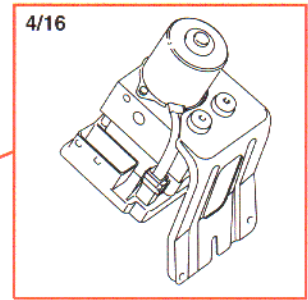
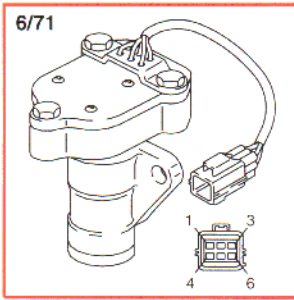
ABS Brake system and STC

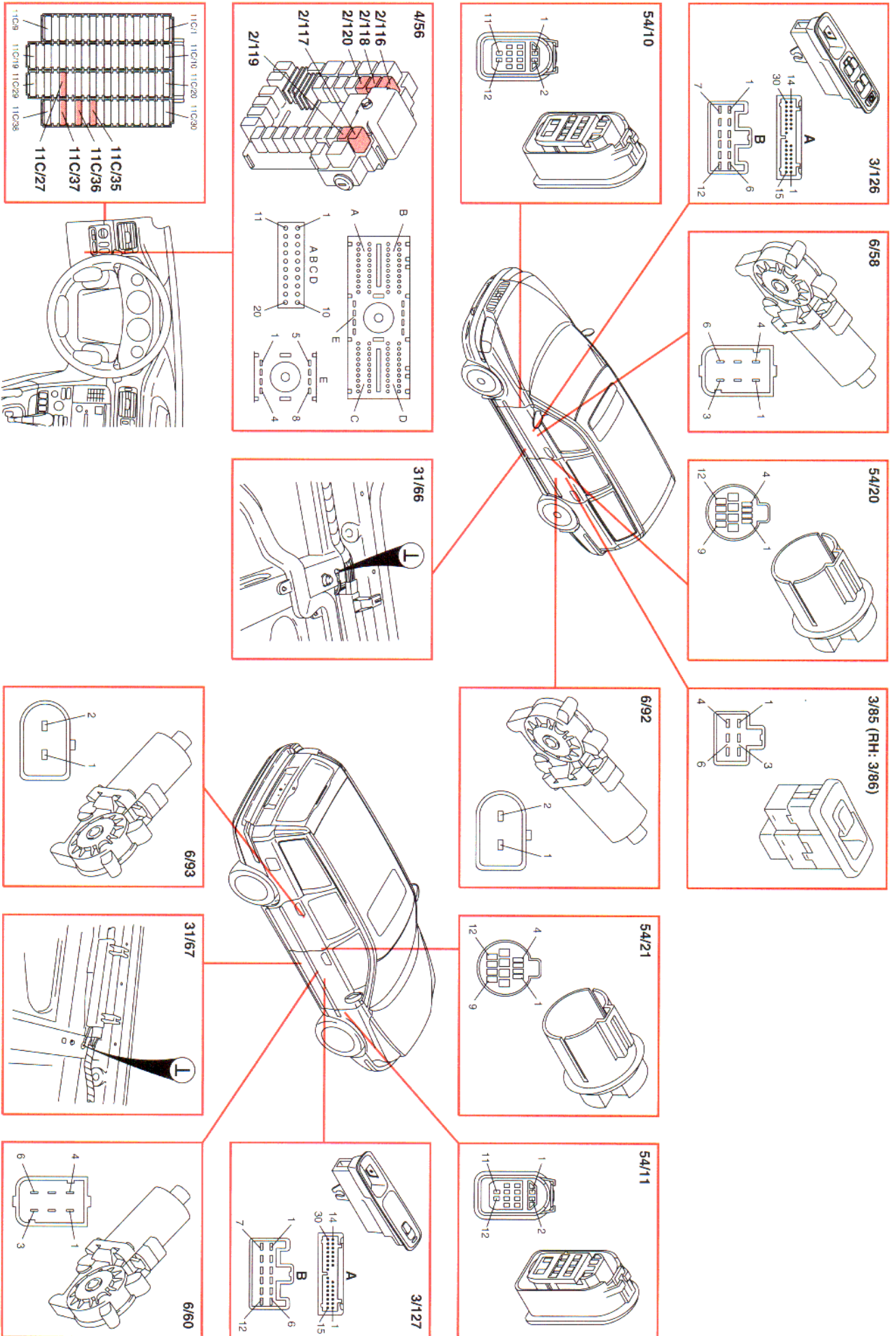


ABS Brake system and DSTC

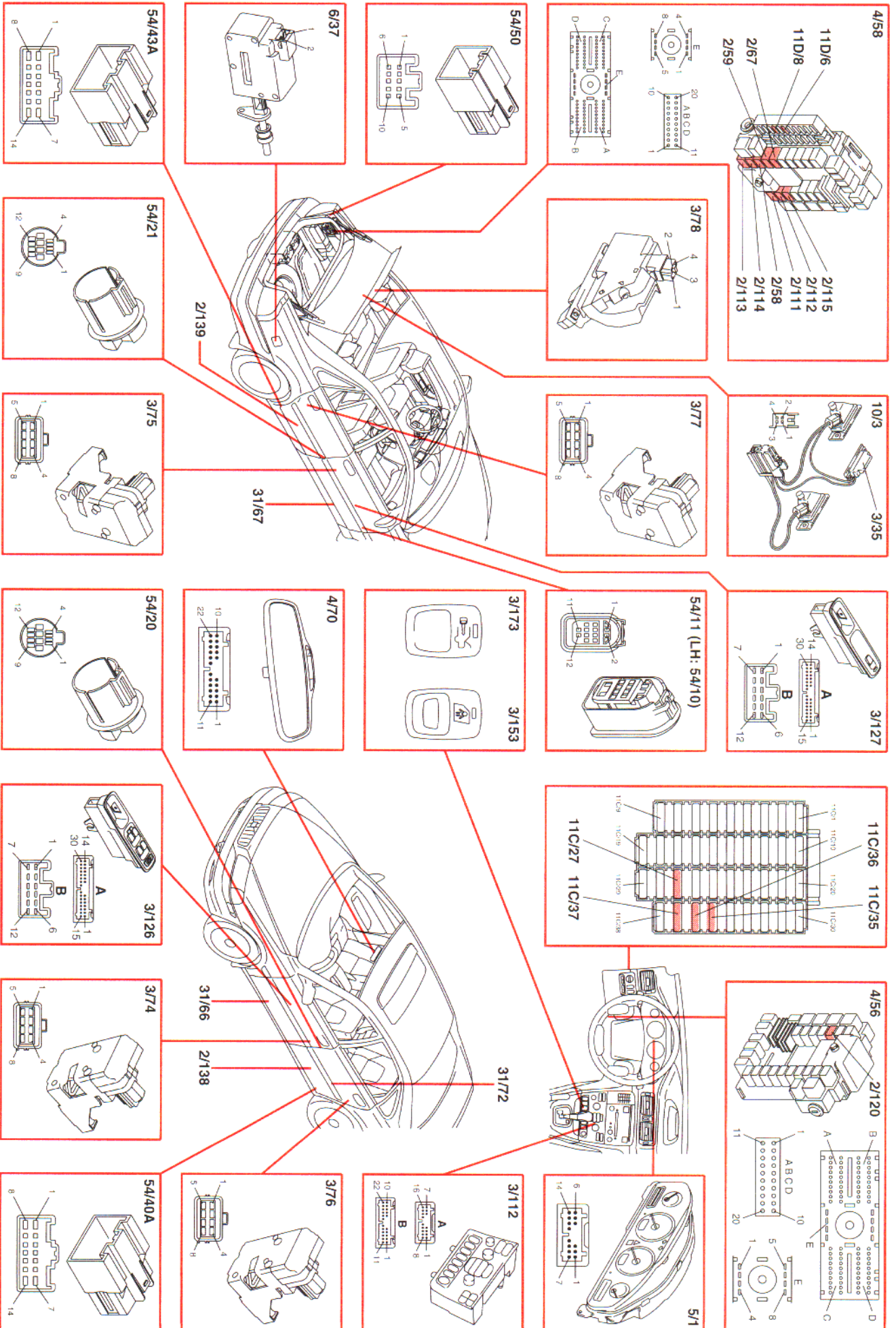


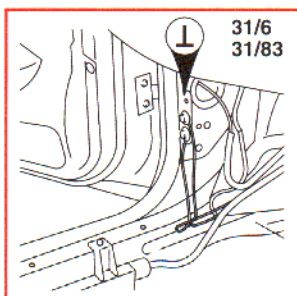
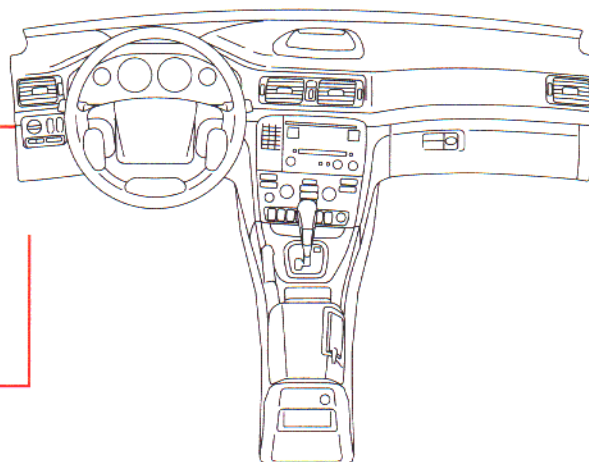
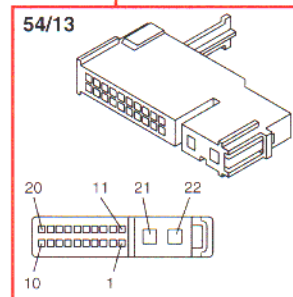
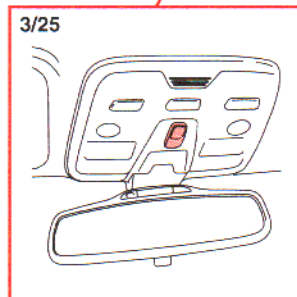
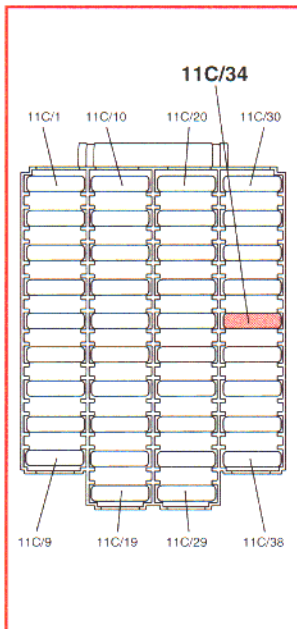
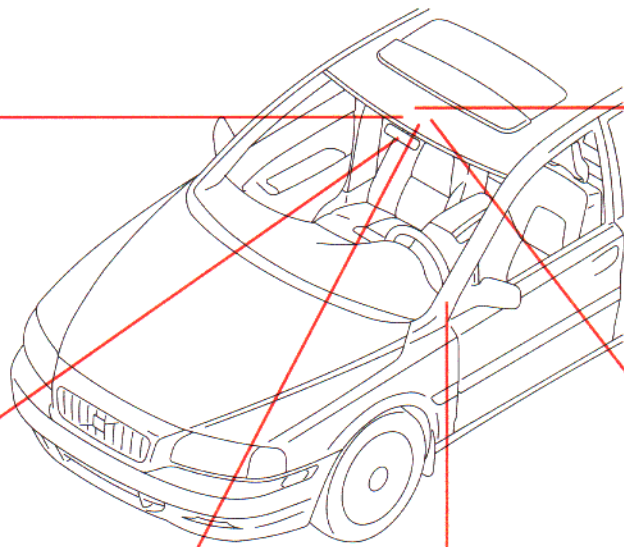
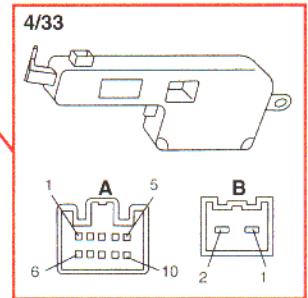
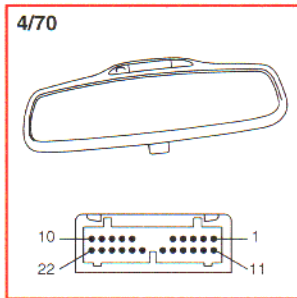
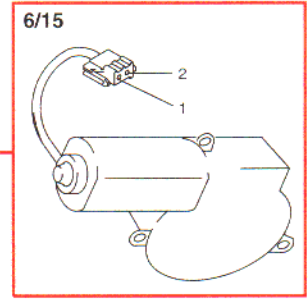
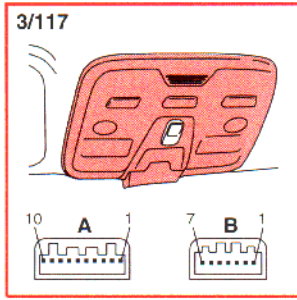
Electronic power steering



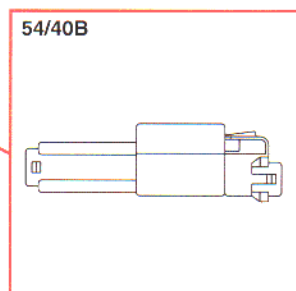
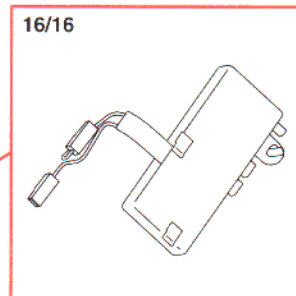
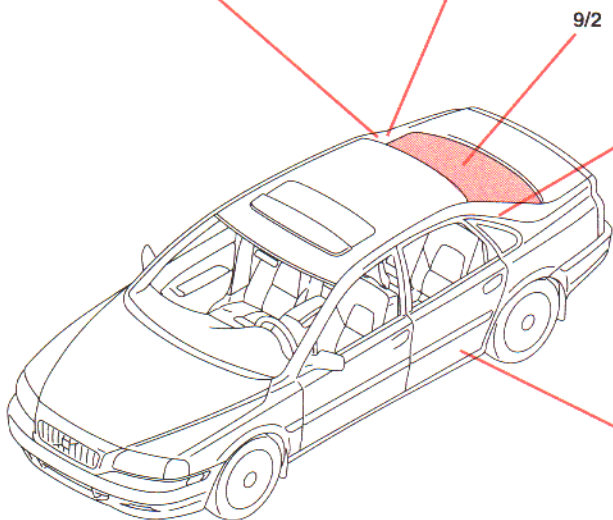
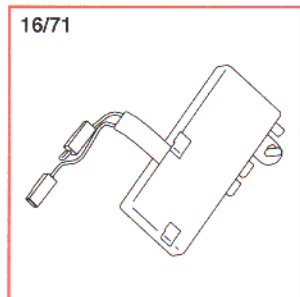
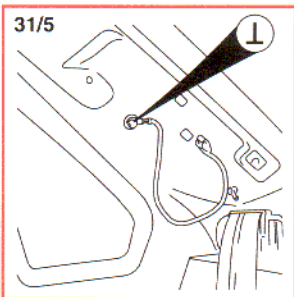
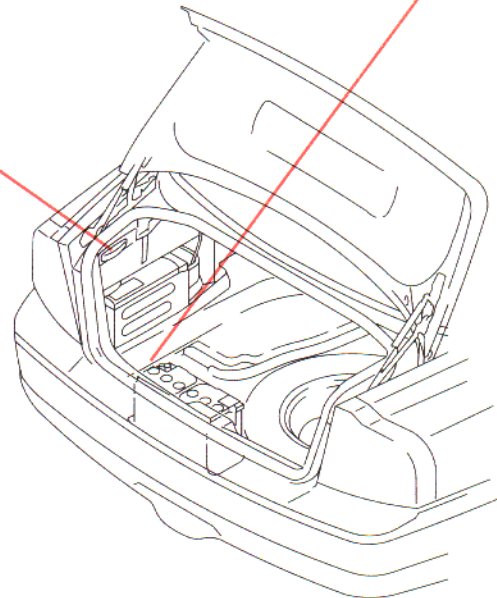
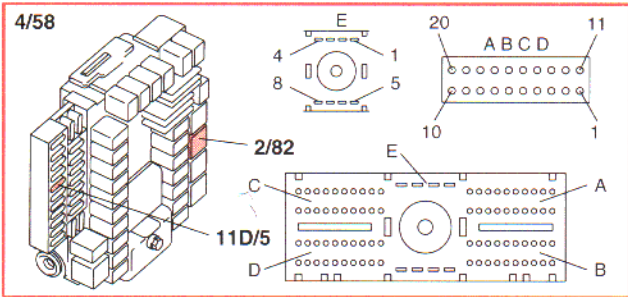
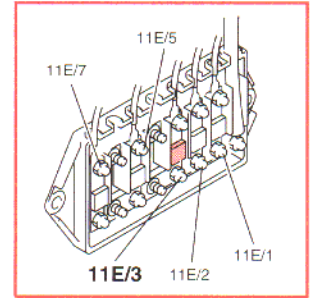
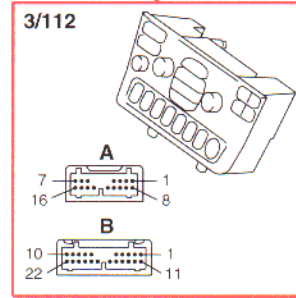
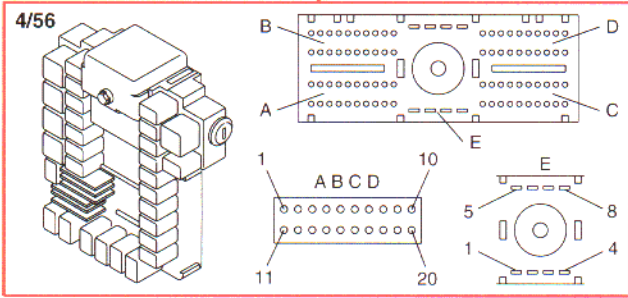
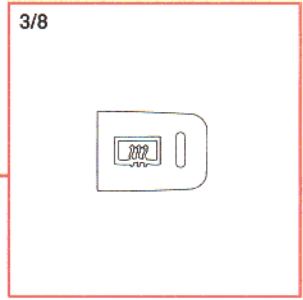
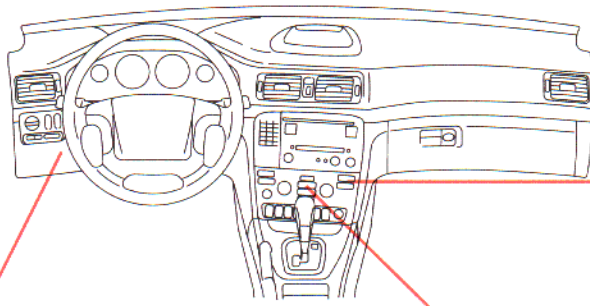


Central lock (S80)

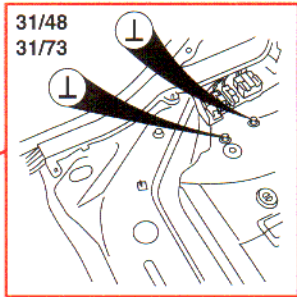
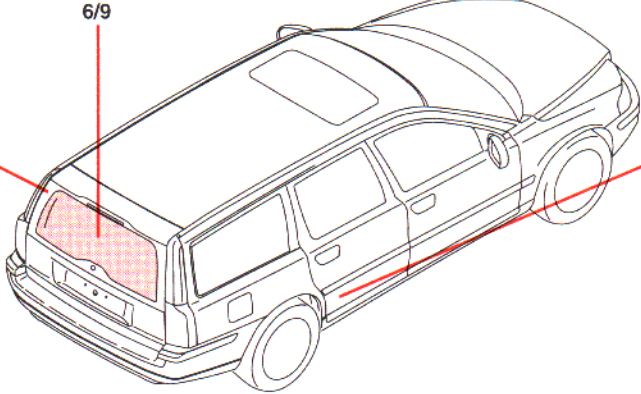
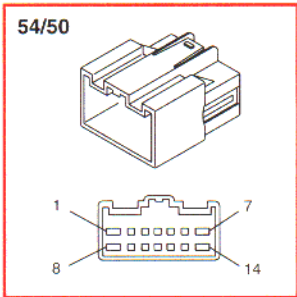
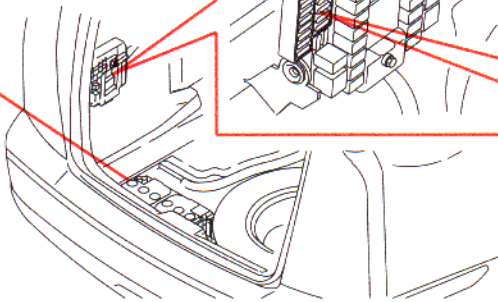
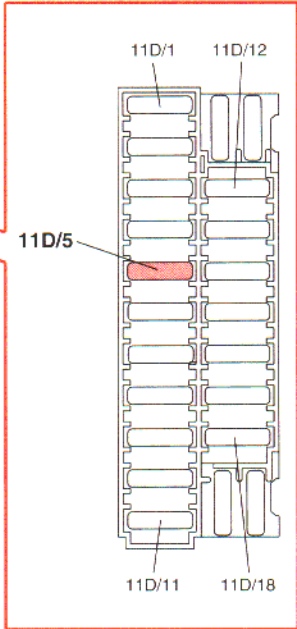
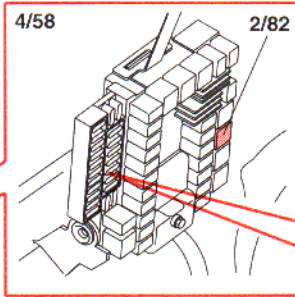
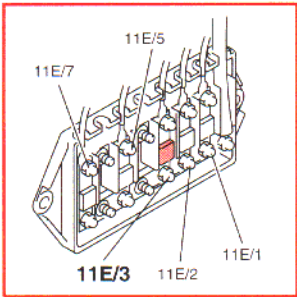
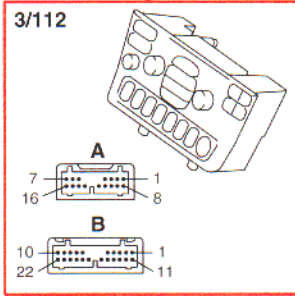
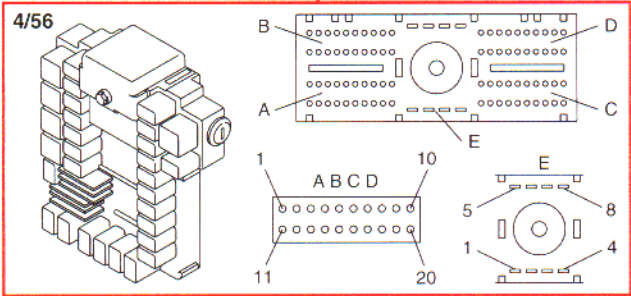
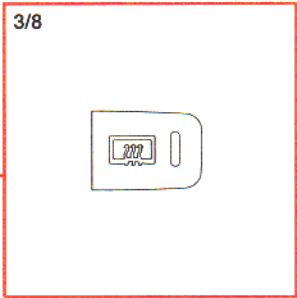
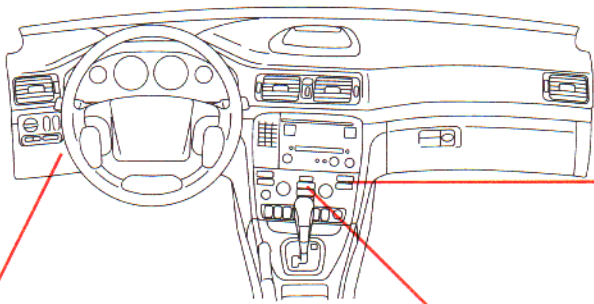




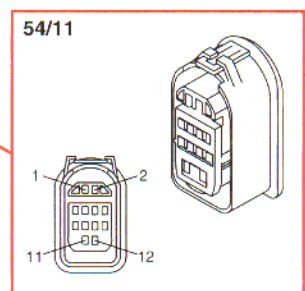
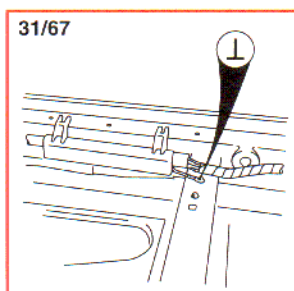
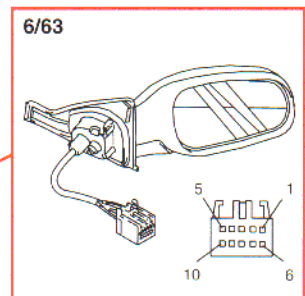
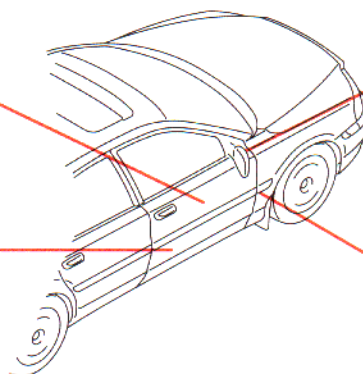
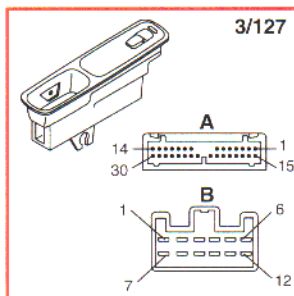
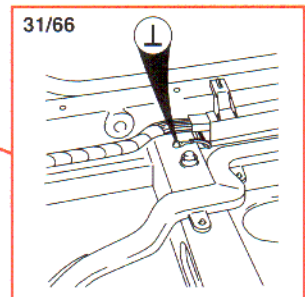
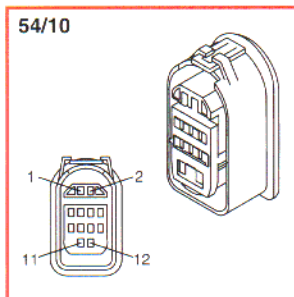
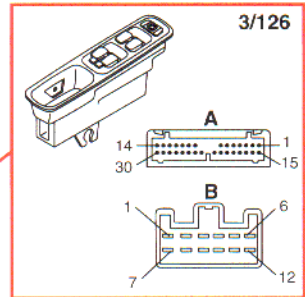
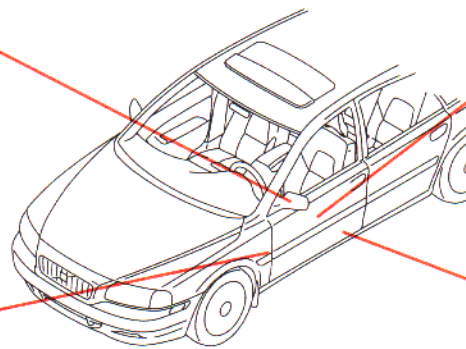
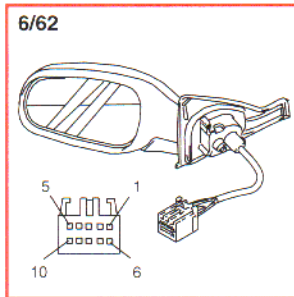
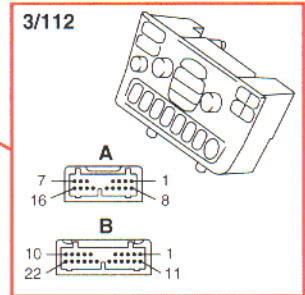
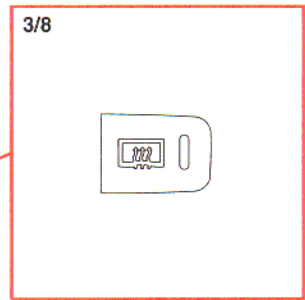
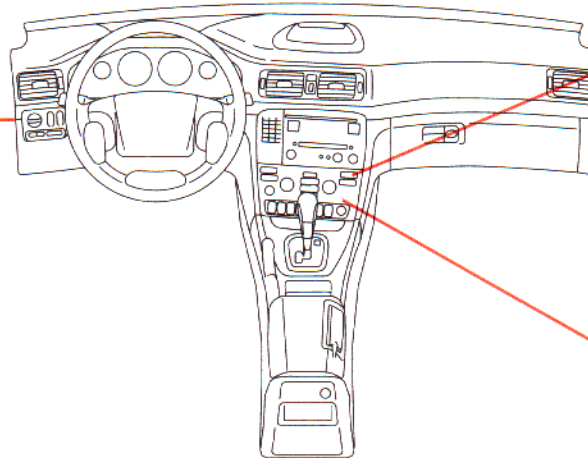
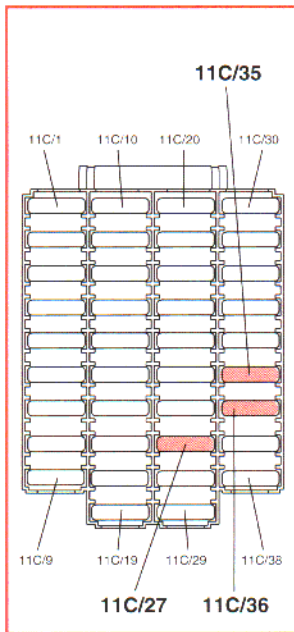
Heated rear window (S80)

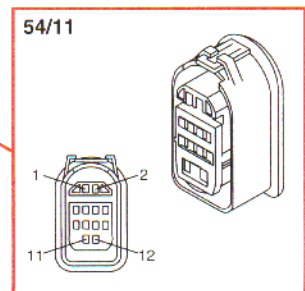
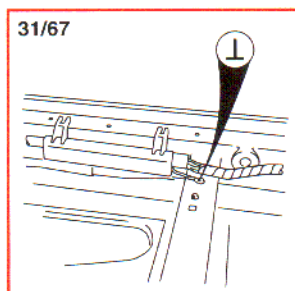
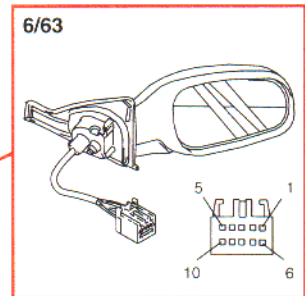
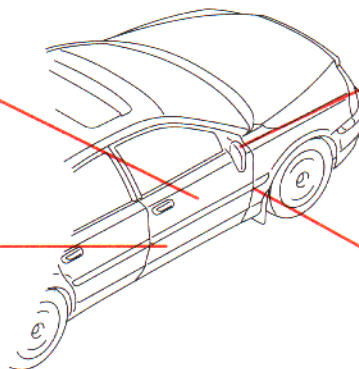
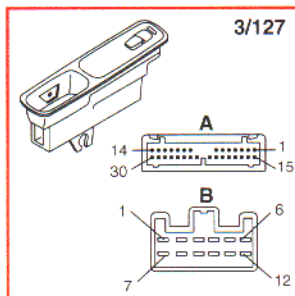
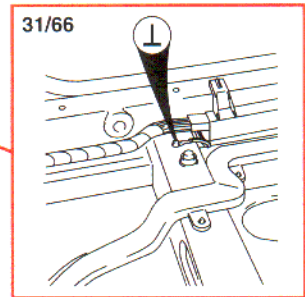
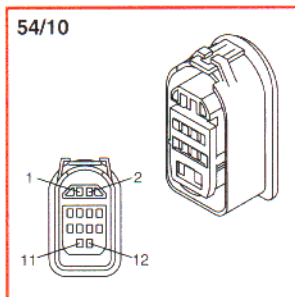
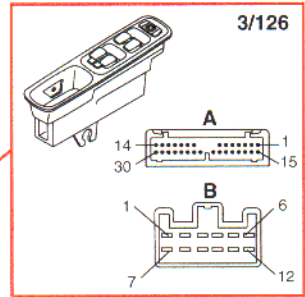
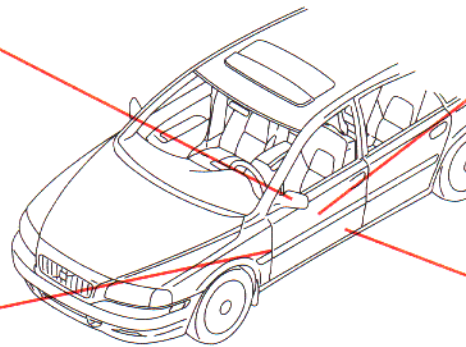
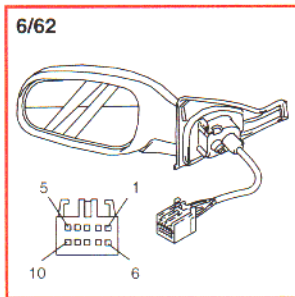
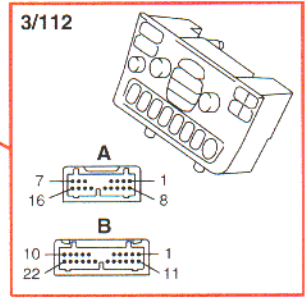
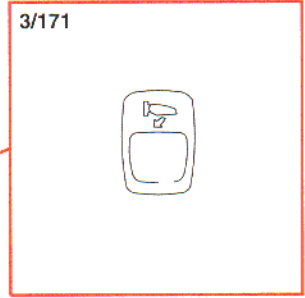
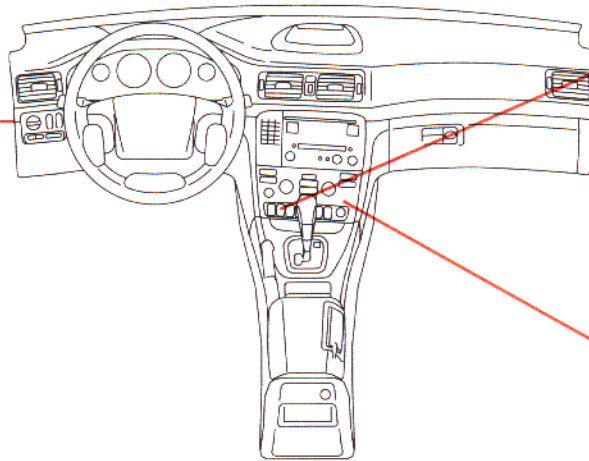
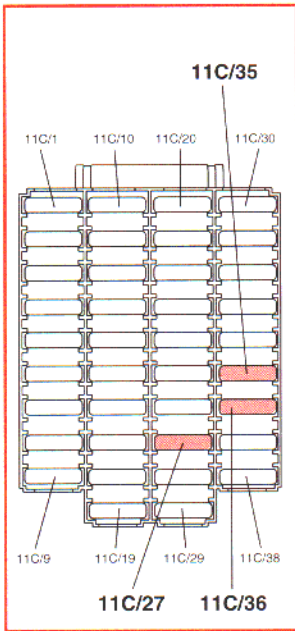


Heated rear window (V70)

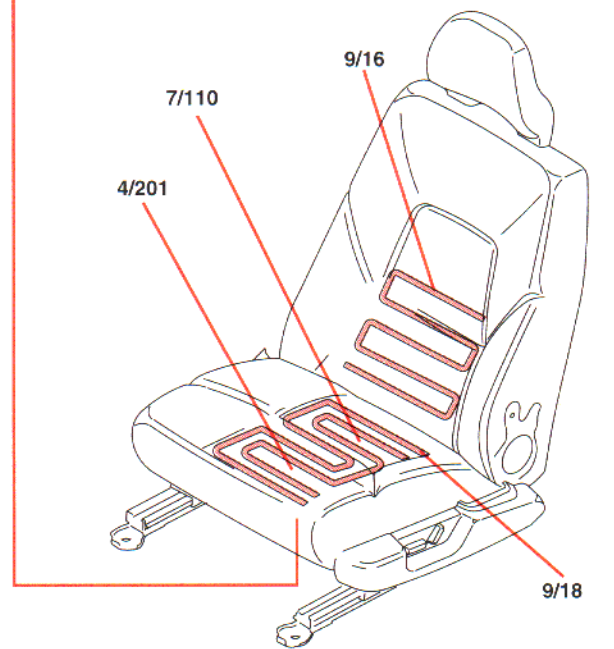
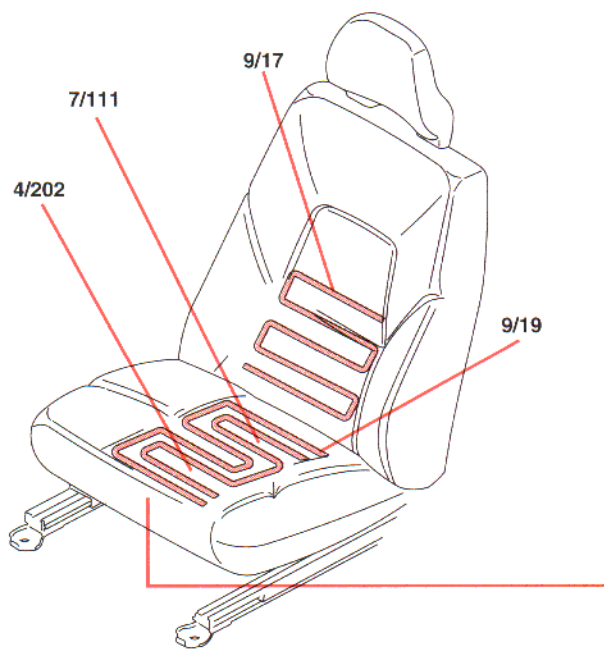
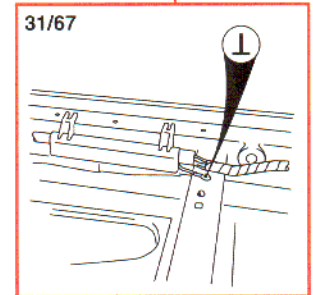
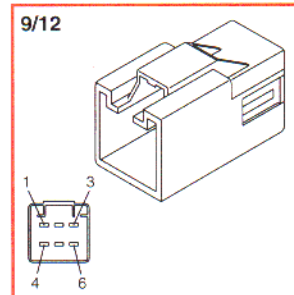
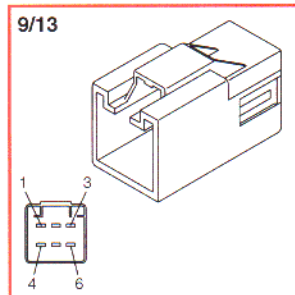
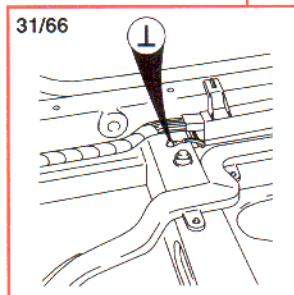
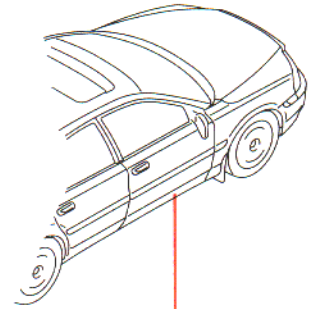
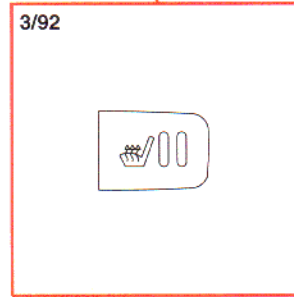
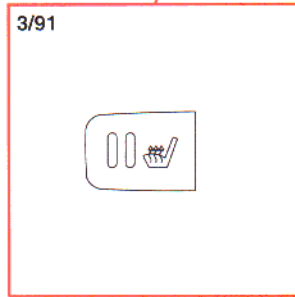
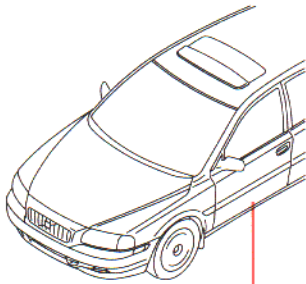
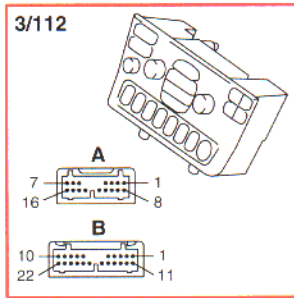
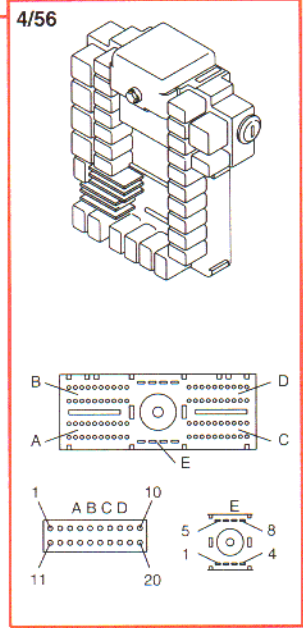
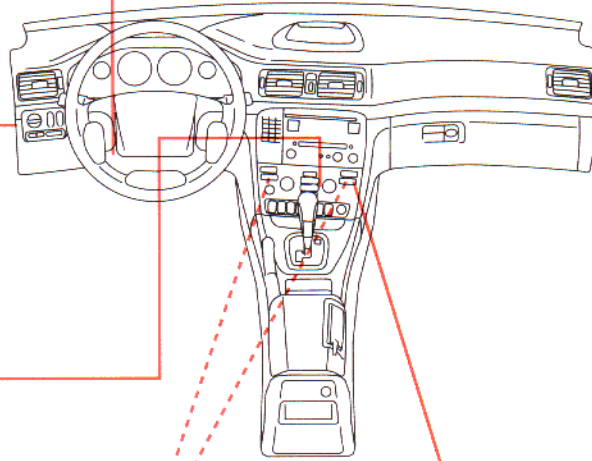
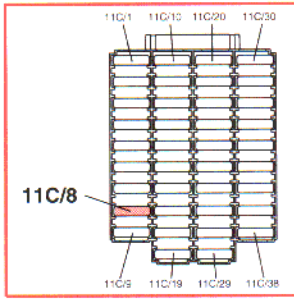


Heated door mirrors

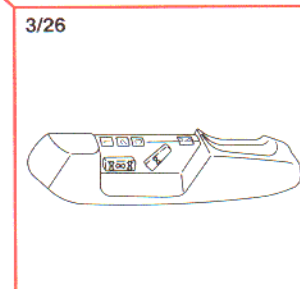
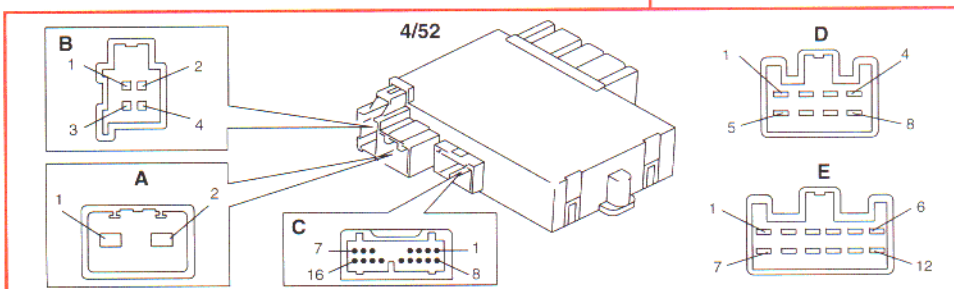
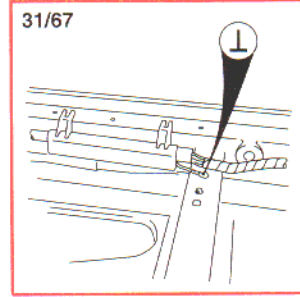
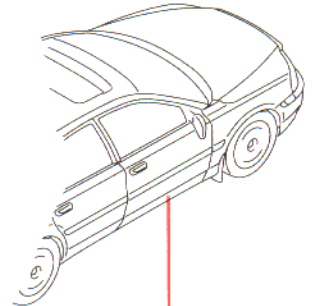
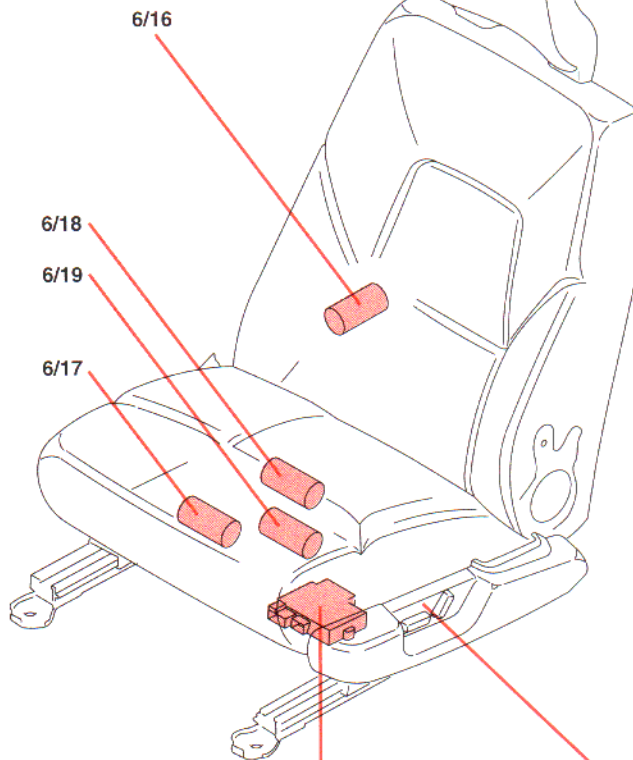
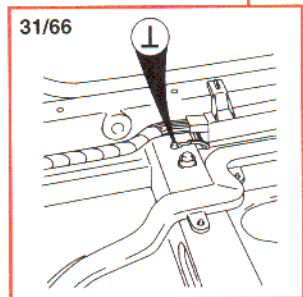
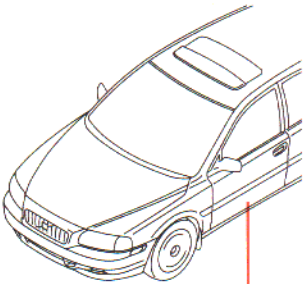
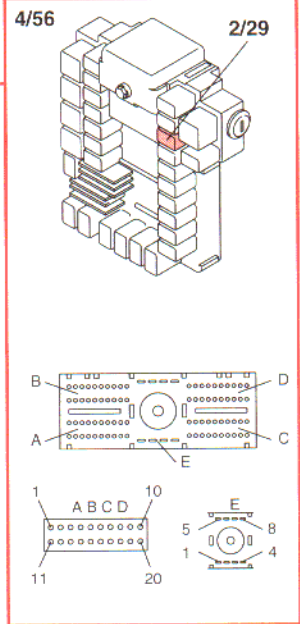
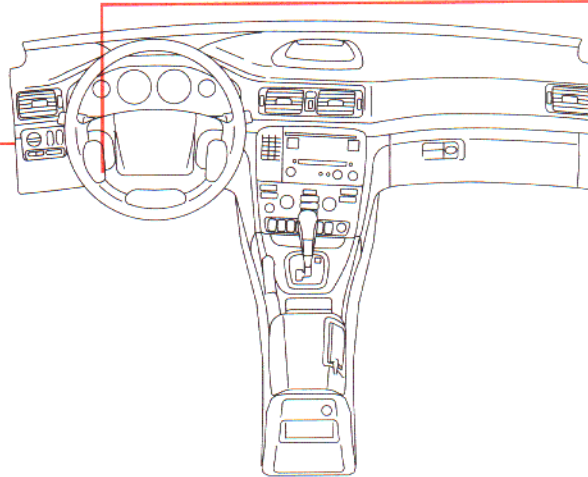
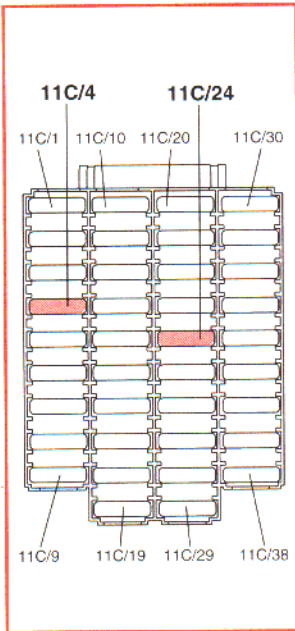




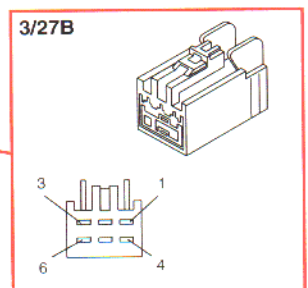
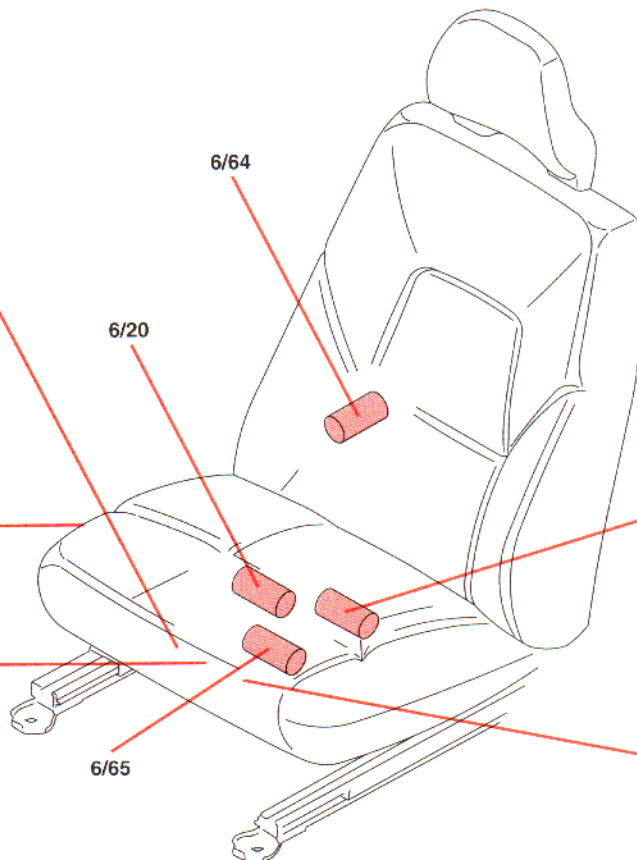
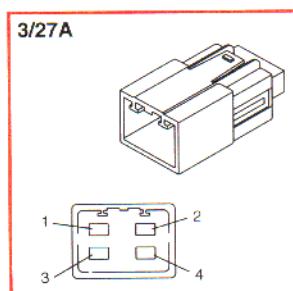
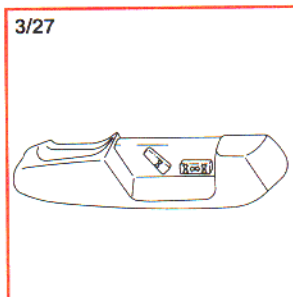
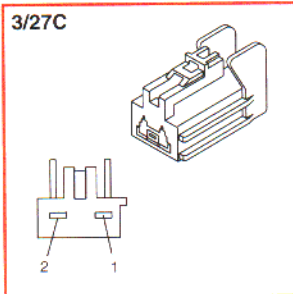
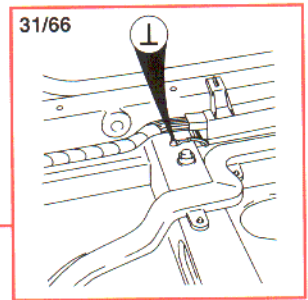
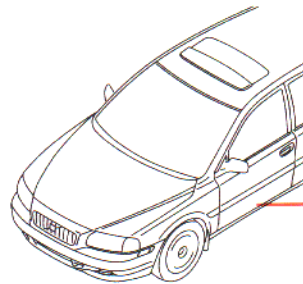
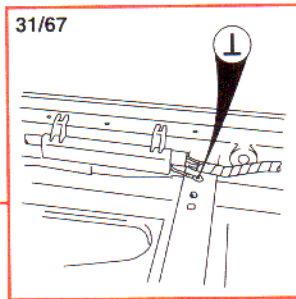
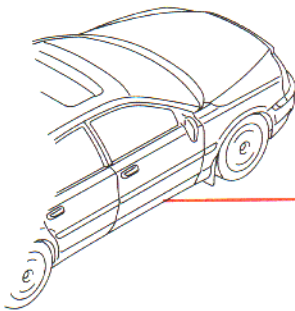
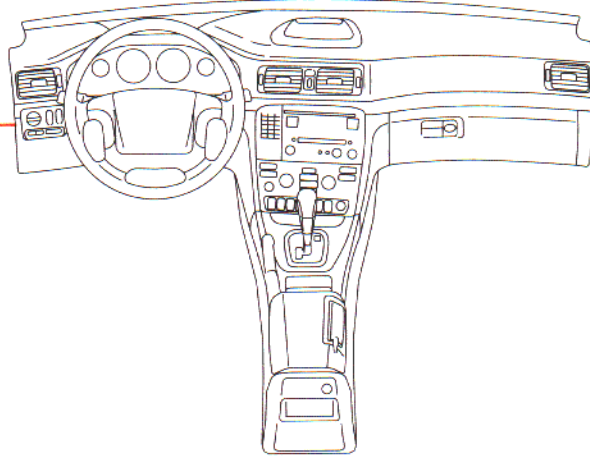
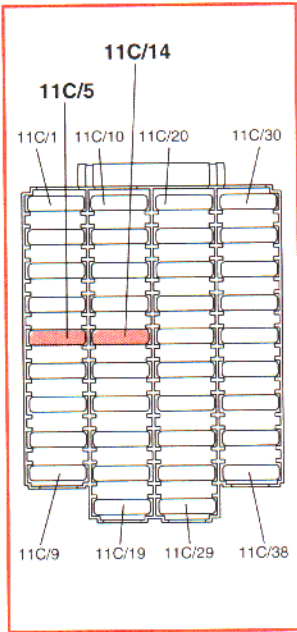
Heated seats

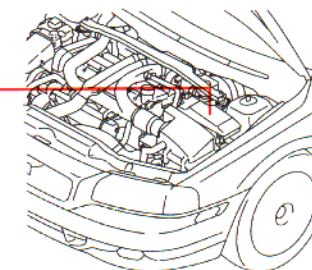
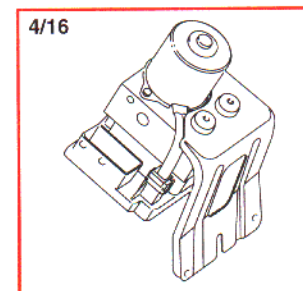
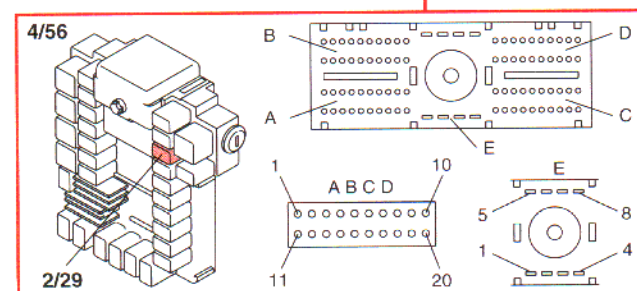
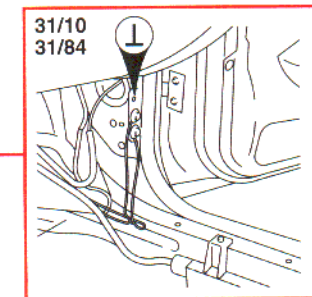
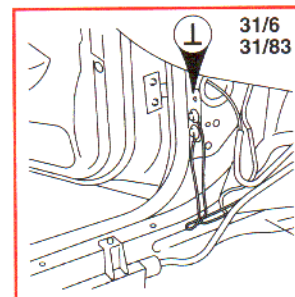
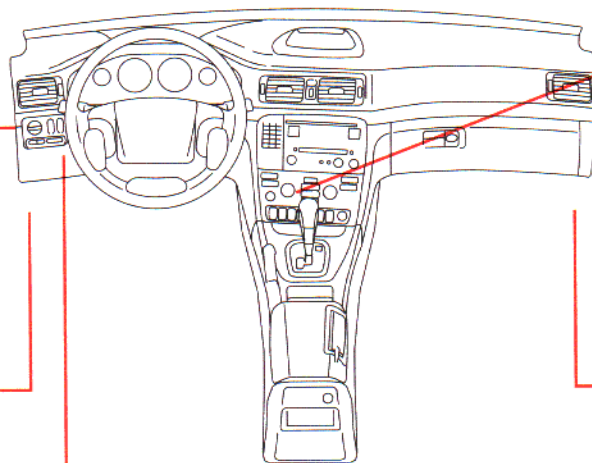
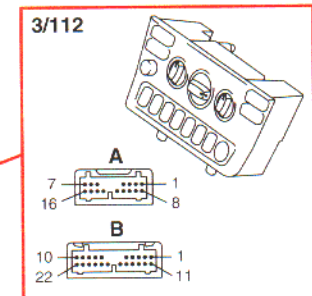
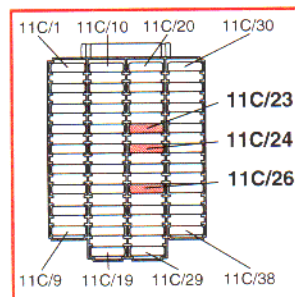
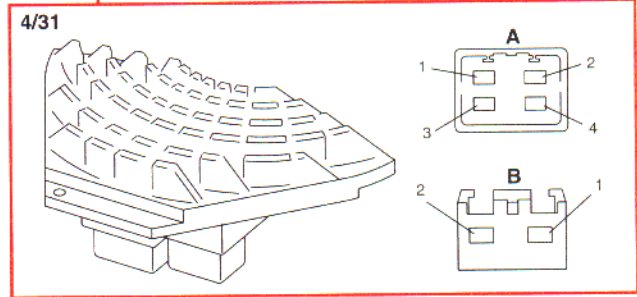
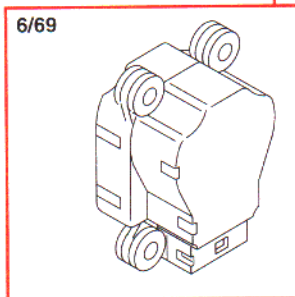
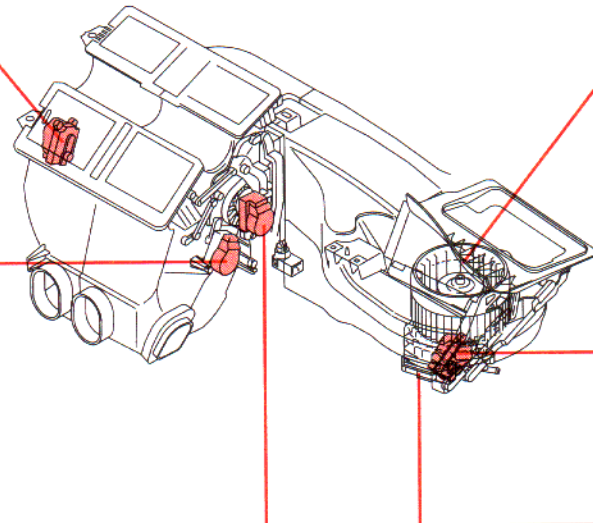
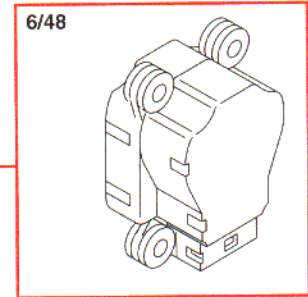
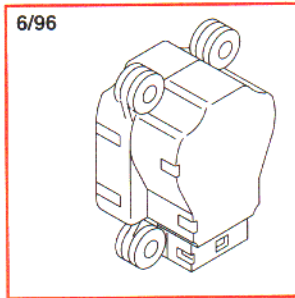
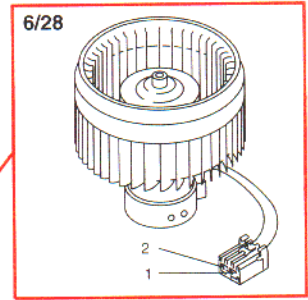
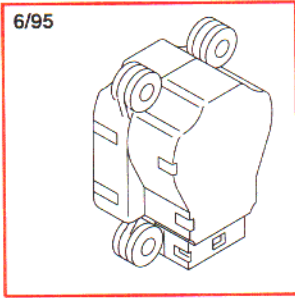


Power driver seat

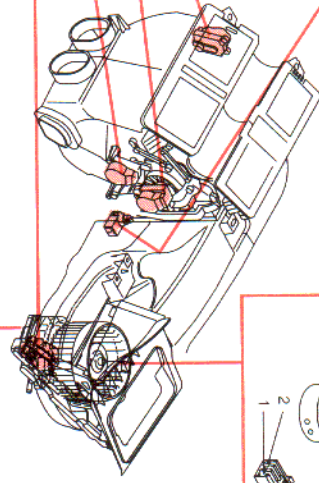
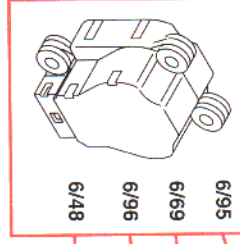
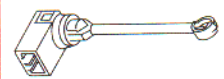


Power passenger seat

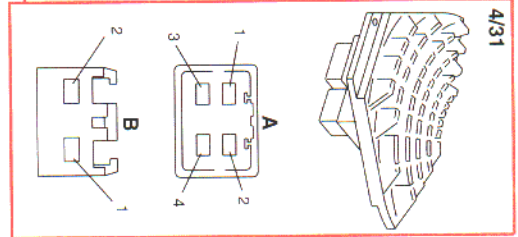
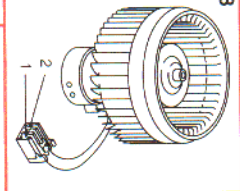




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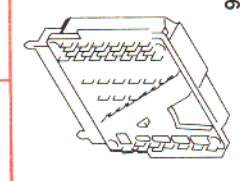


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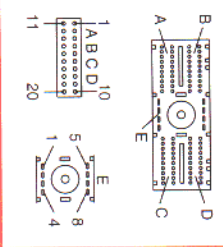
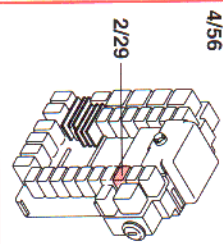


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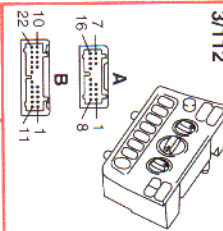
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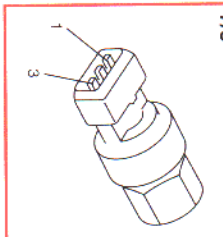
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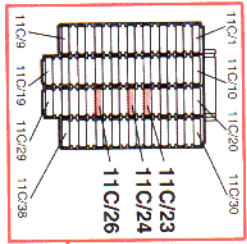
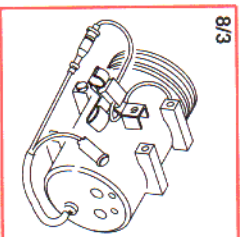
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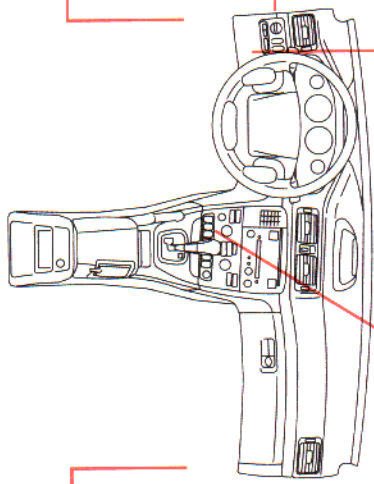
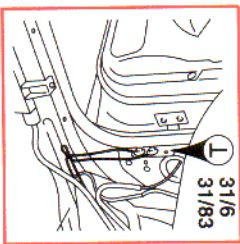
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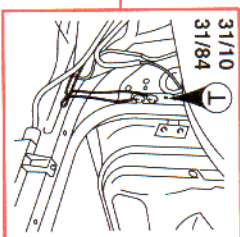
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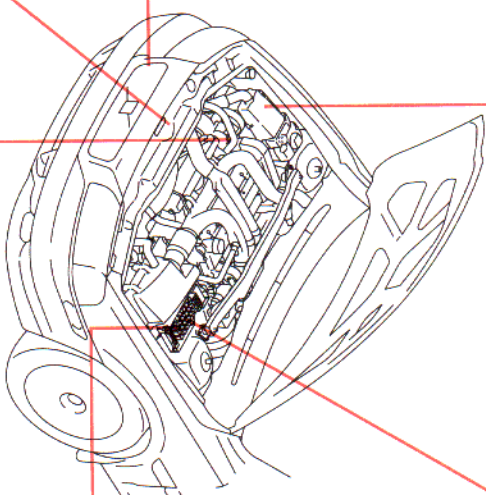
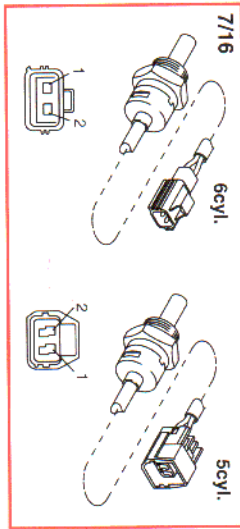
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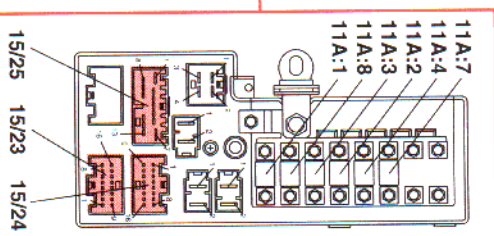
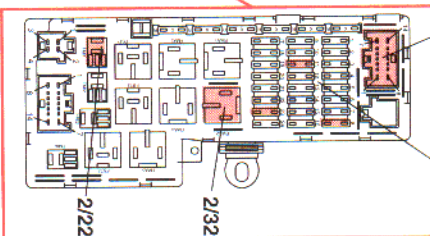


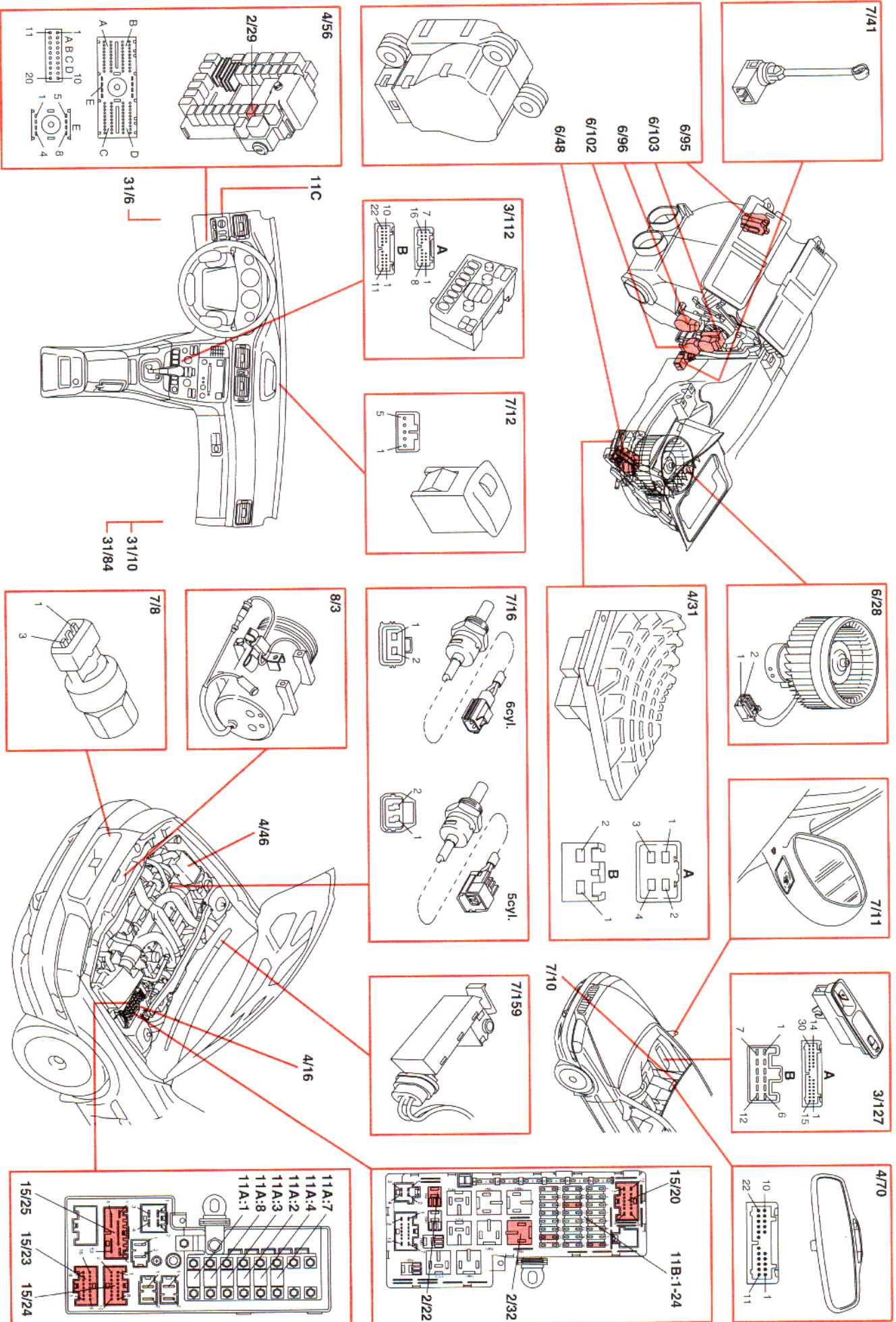
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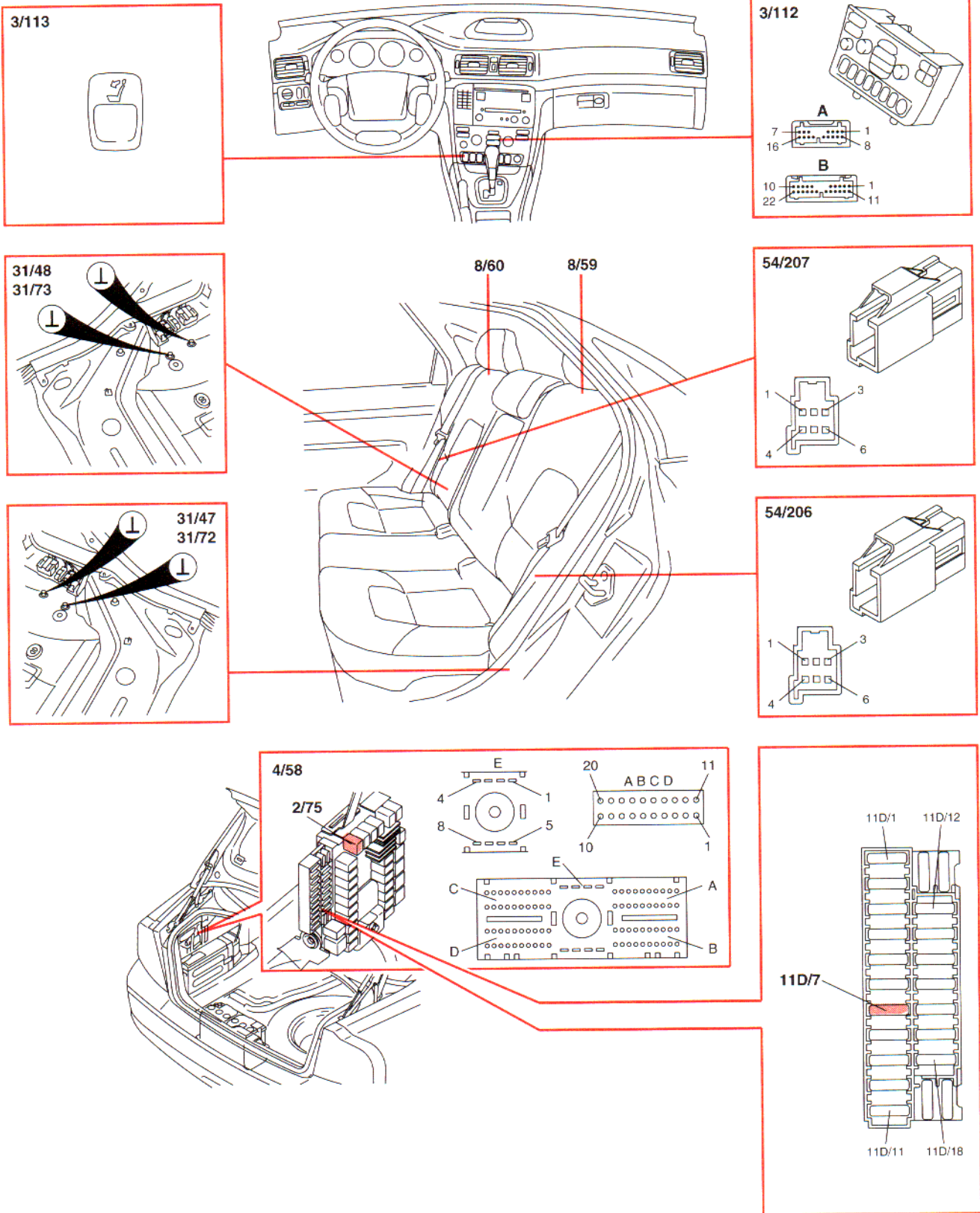
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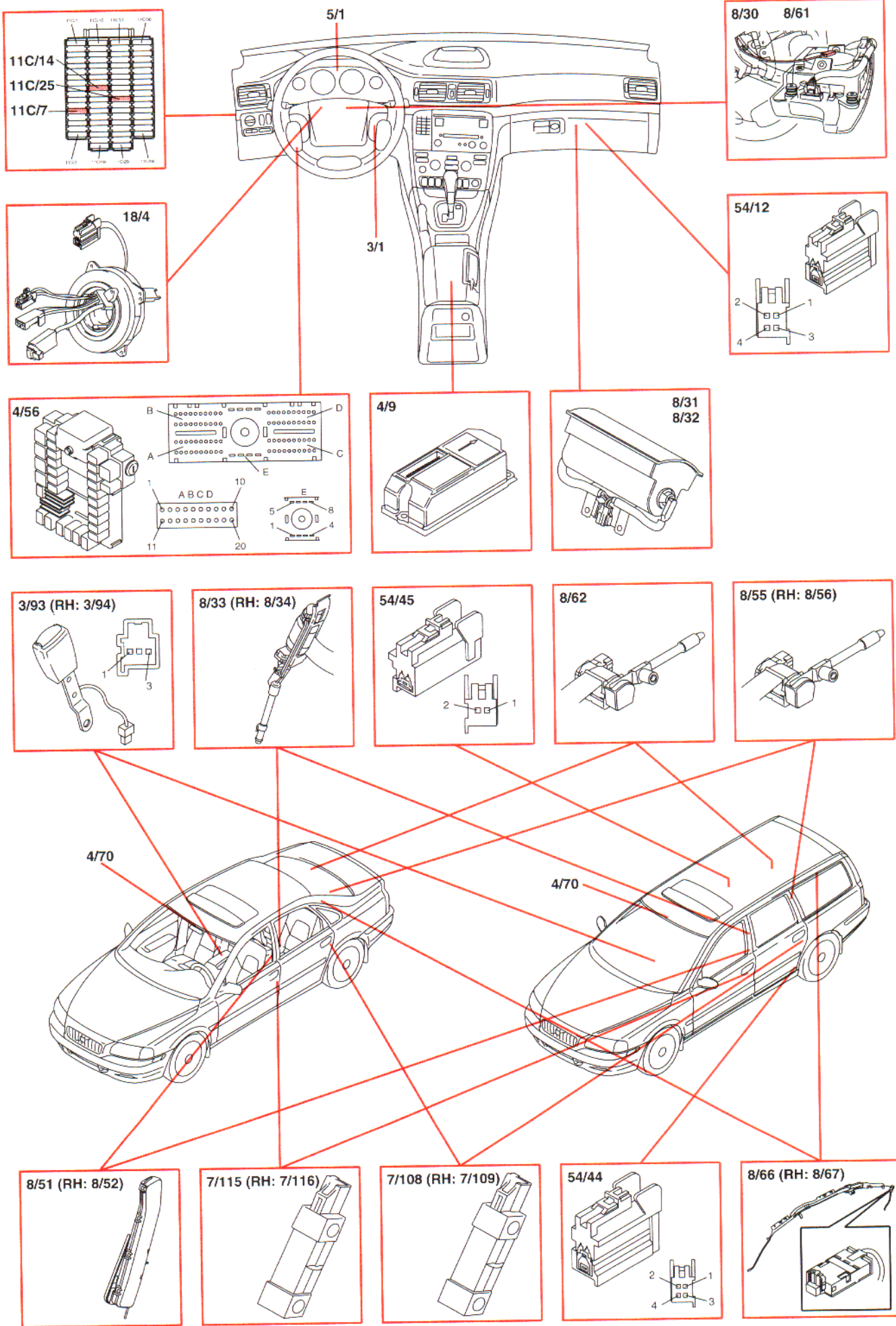




Electrically foldable head restraint



SRS Supplemental Restraint System



Remote controlled garage door opener

