

Service Manual

Cars

Section 3 (39)
Wiring diagrams
S80 1999

TP 3939202

VOLVO

Cars with SRS (Air bag)/SIPS bag

Warning

Cars equipped with a Supplemental Restraint System (SRS)/SIPS bag must be treated extra carefully when repairs are being made. This is to help prevent:

1. Injuries when carrying out a repair.
 2. Damage or malfunction of the SRS/SIPS bag system.
- Repair to either the SRS/SIPS bag itself or a related system or component must be carried out by an authorized Volvo workshop. Refer to the appropriate SRS and SIPS bag service manual for complete system information.

Is the car equipped with SRS?

Cars with SRS are most easily recognized by the SRS letters on the steering wheel pad. If the car is also equipped with an air bag on the passenger side, the letters 'SRS' will be embossed on the instrument panel above the glove compartment. On models from 1993 on, cars with SRS will also be equipped with pyrotechnical seat belt tensioners in the B-posts.

The SIPS bags are only installed in cars equipped with SRS systems, 1995-. Cars with SIPS bags can be recognized by the identifying labels on the windshield and on seat storage tray.

Dashboard or around steering column

Take care to avoid the SRS wiring being pinched, frayed or pierced by screws when working on the firewall, knee bolster, ignition switch, steering column casings, glove compartment, instrument panel, door sills and B-posts.

Center console

The SRS collision sensor is located between the handbrake and gear lever (selector) in the center console. Never install accessories on or near the sensor.

Repairs to steering gear and column

When carrying out repairs to the steering wheel, steering gear or column always follow the repair procedures given in the appropriate SRS service manual. The contact reel in the steering column will be damaged if the steering wheel is turned more than three turns in either direction.

Seats

The SIPS bag sensor is located in the front section of the seat storage tray. The SIPS-bag can be activated by a blow or pressure on the tray or if an object is caught between the tray and the door when the door is closed. Refer to the SIPS bag Service manual when carrying out work on the front seats.

Test terminal

Data Link Connector socket in passenger compartment.

Modifications introduced up to and including May 1998.

Any modifications made to the car after this date are not included in this manual.
See Service Bulletin if necessary.

Volvos are sold in versions adapted for different markets. These adaptations depend on many factors including legal, taxation and market requirements. This manual may therefore show illustrations and text which do not apply to cars in your country.

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Order number: TP 3939202

Supersedes TP3939201

We reserve the right to make alterations without prior notification

Abbreviations

There are a number of abbreviations in the book. These 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	= United Kingdom
J	= Japan
KOR	= Korea
N	= Norway
NL	= Holland
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

ALTER	= Alternatively
AUTO	= Automatic transmission
AWD	= Four wheel drive
BOX	= Refer to breakout box
DIESEL	= Diesel engines
EARLY	= Early type
EXC	= Exclusive
EXT. X	= Extended X-supply
GA	= Anti-theft alarm
HI SPEED	= High speed network
IMMO	= Immobilizer
LATE	= Late type
LH	= Left-hand side
LHD	= Left hand drive
LO SPEED	= Low speed network
MAN	= Manual transmission
OTHERS	= Other
PETROL	= Gasoline engines
RH	= Right-hand side
RHD	= Right hand drive
TURBO	= Turbocharged engines
W/O	= Without
5CYL	= 5 cylinder engines
6CYL	= 6 cylinder engines

How to use the diagrams

A. Component designation

Each component has a component designation. This consists of a type number and a component number.

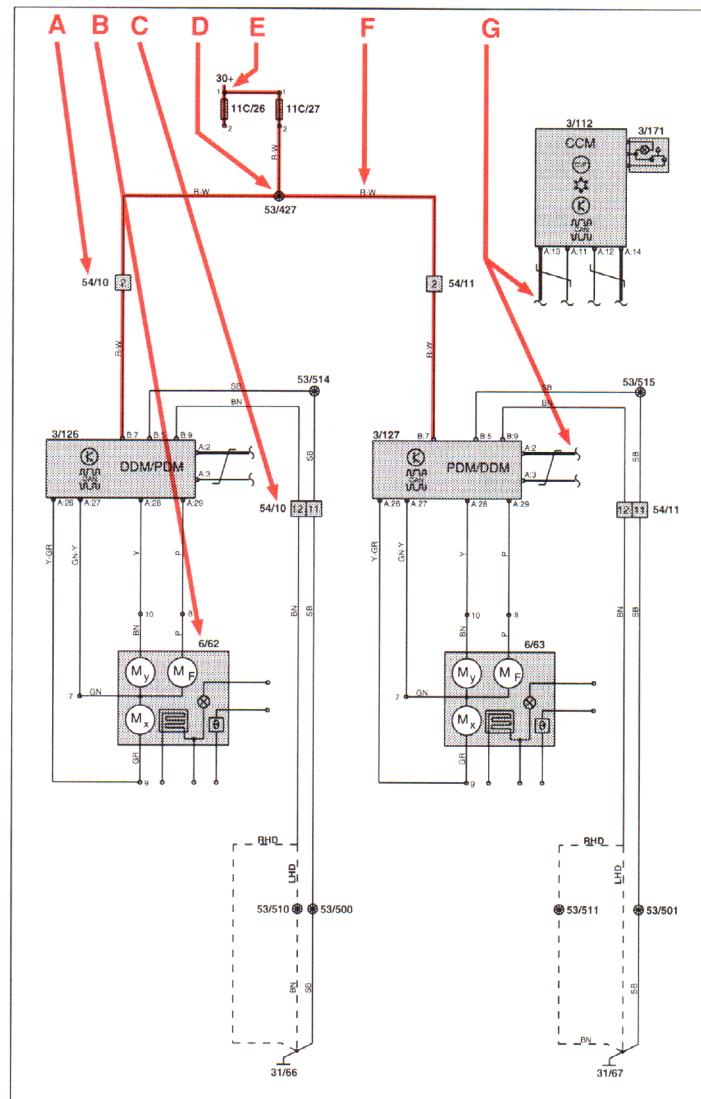
There is a list of component designations at the end of the book where you can obtain the components names.

B. Type number

The first part of the component designation indicates what type of component it is, for example switch, electric motor, etc.

Type numbers:

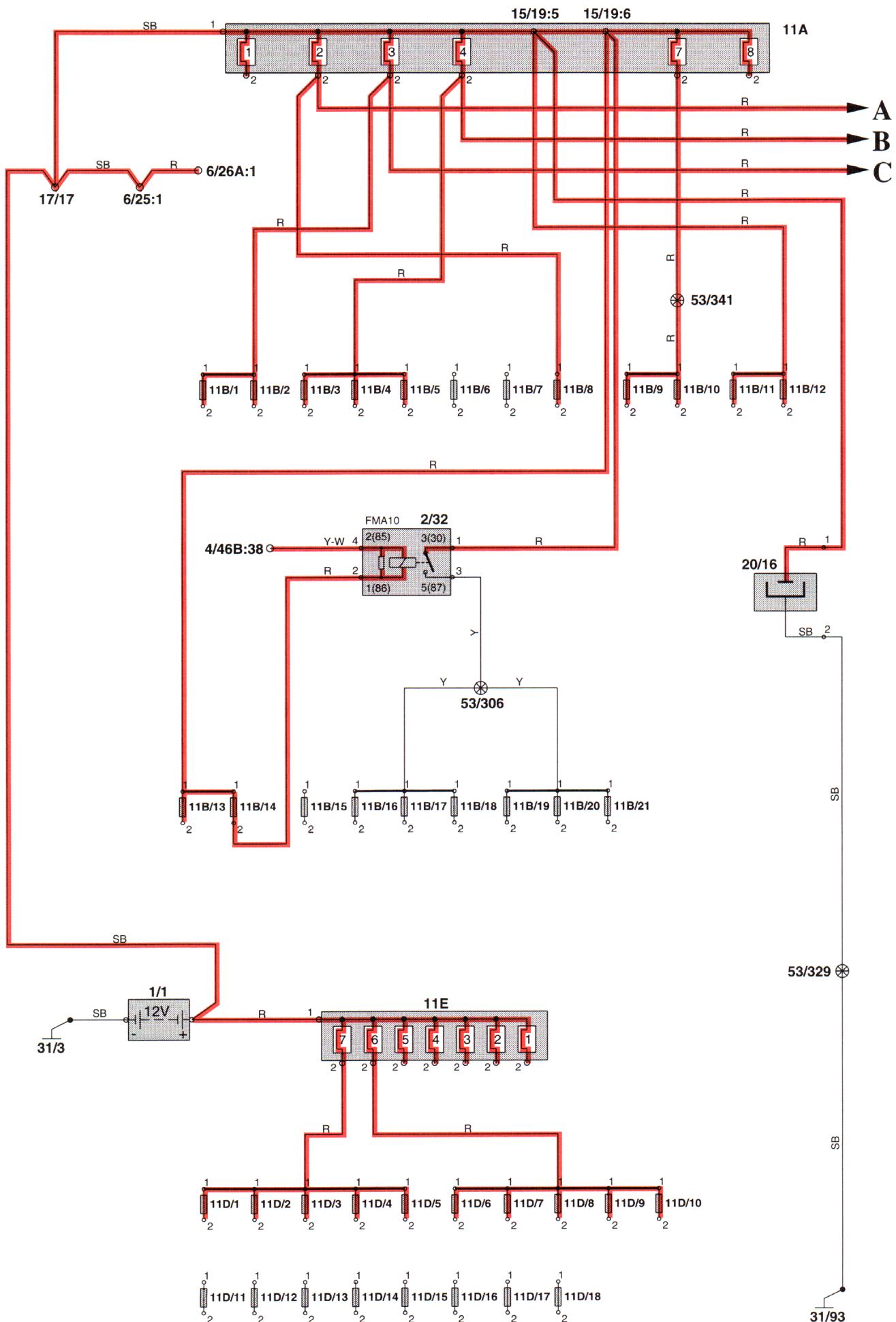
- 1 Battery
- 2 Relay
- 3 Electrical switch
- 4 Control module
- 5 Combined instrument panel
- 6 Electric motor
- 7 Sensor
- 8 Actuator
- 9 Heater element
- 10 Lamp
- 11 Fuse
- 15 Distribution rail, power supply
- 16 Audio
- 17 Service/ On board diagnostic system (OBD)
- 18 Contact Reel
- 20 Ignition components/ shunt
- 31 Ground connection
- 53 Branch point
- 54 Connector



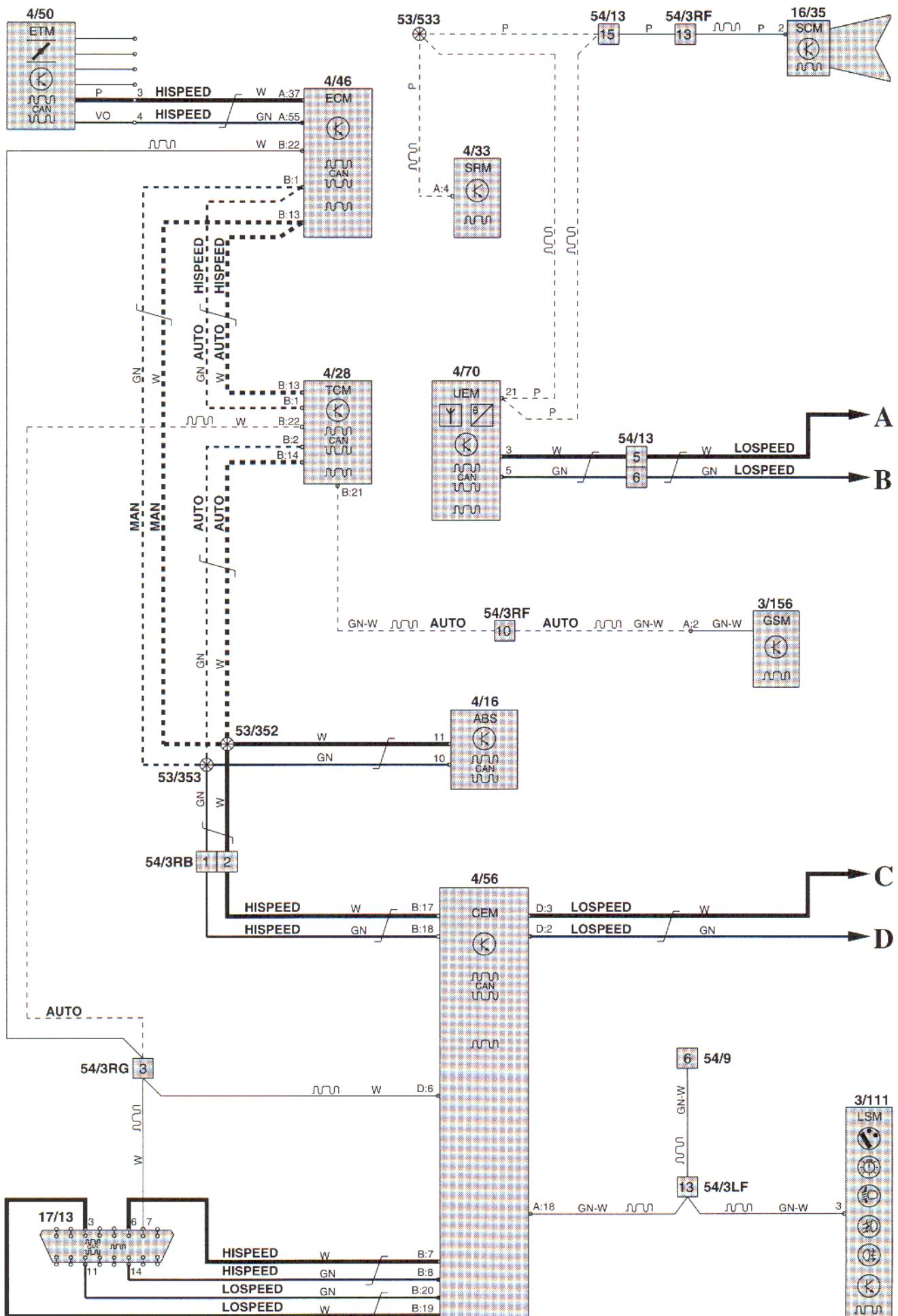
Explanation of symbols

	= System voltage
	= Ground connection
	= Screened cable
	= Branch point
	= Twisted pair
	= Electrical connection
	= No electrical connection
	= Variant
	= CAN-communication
	= CAN high signal (CAN H)
	= CAN low signal (CAN L)
	= Serial communication

Electrical distribution

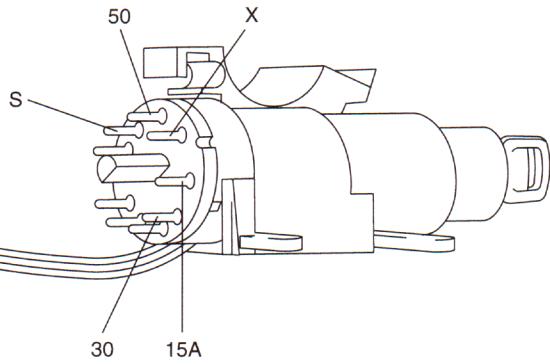
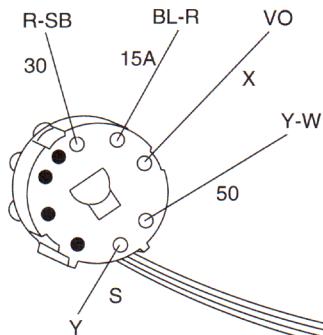


Data communication



Ignition switch

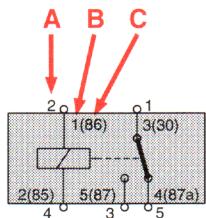
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Position	Terminal		Terminal					
	30	15	30	X	15A	15i	S	50
Key Out	X			X				
0	X			X		X		
I	X			X	X		X	
II	X	X		X	X	X	X	X
III	X	X		X	X		X	X

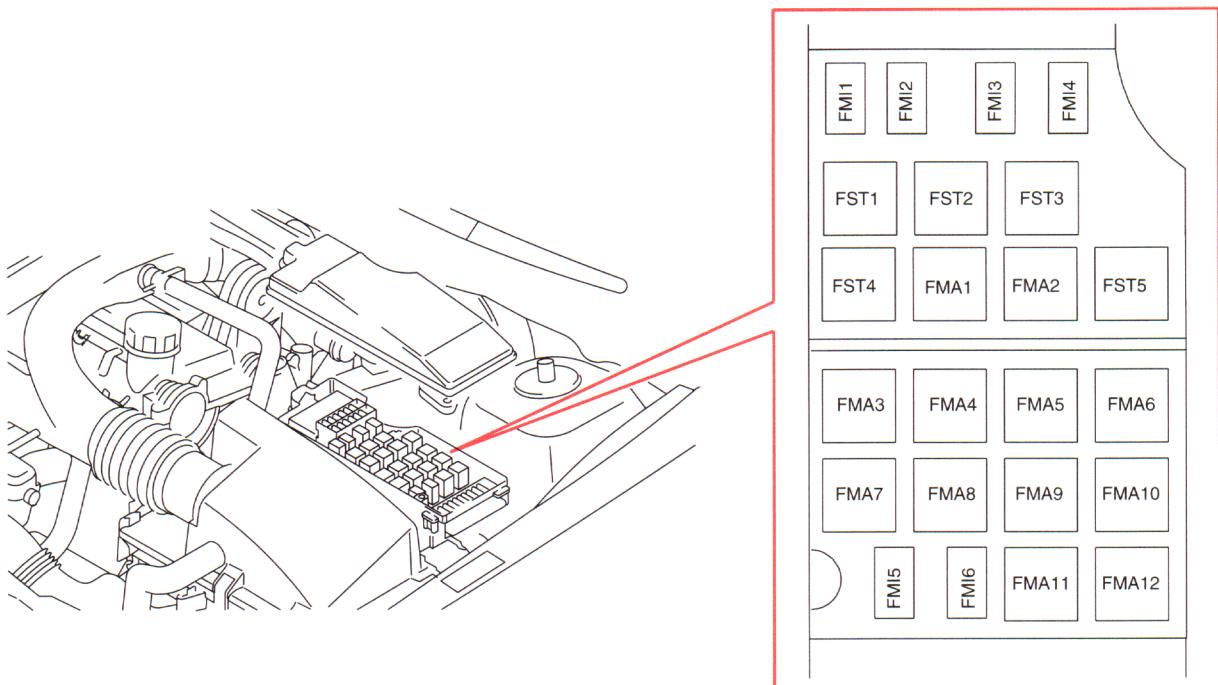
Relays general

The relay locations are given two or three different designations in the wiring diagram. This is described below.



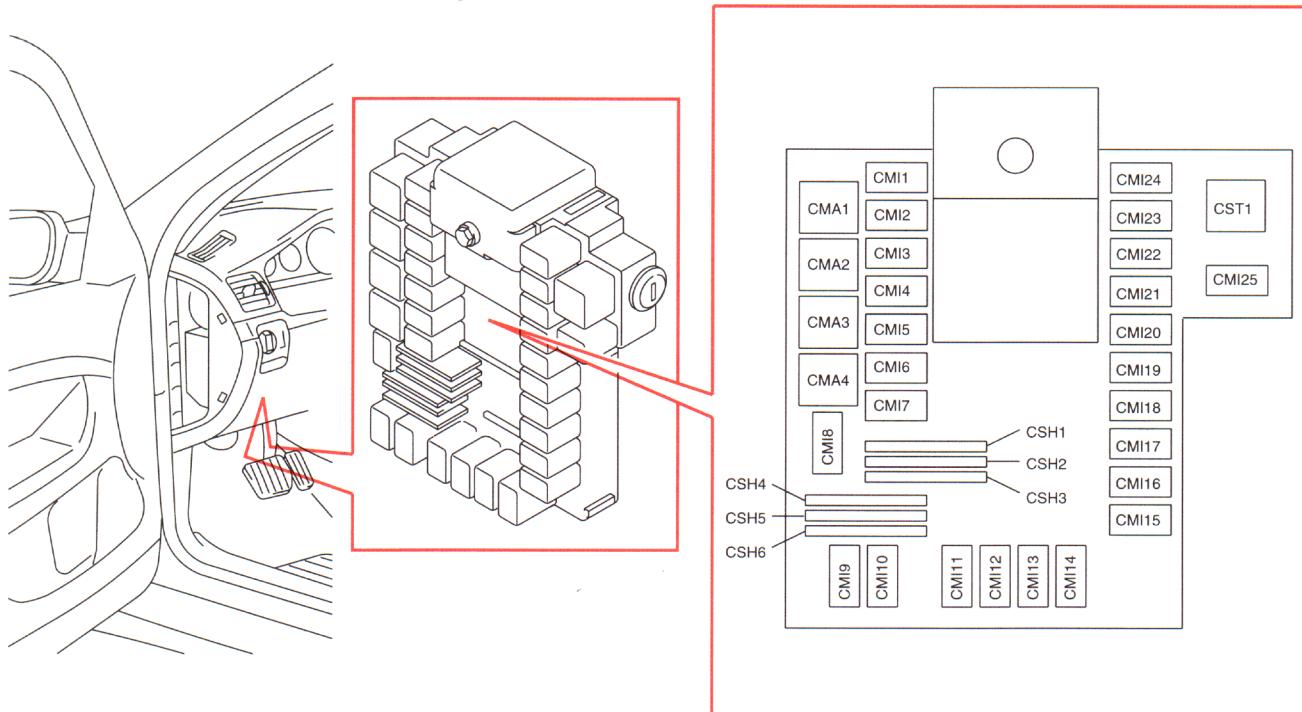
- A= Corresponds to the position on the reverse of the relay box (cable side)
- B= Corresponds to the position on the relay.
- C= Is an old designation that may occur on the relay.

Relays in engine compartment



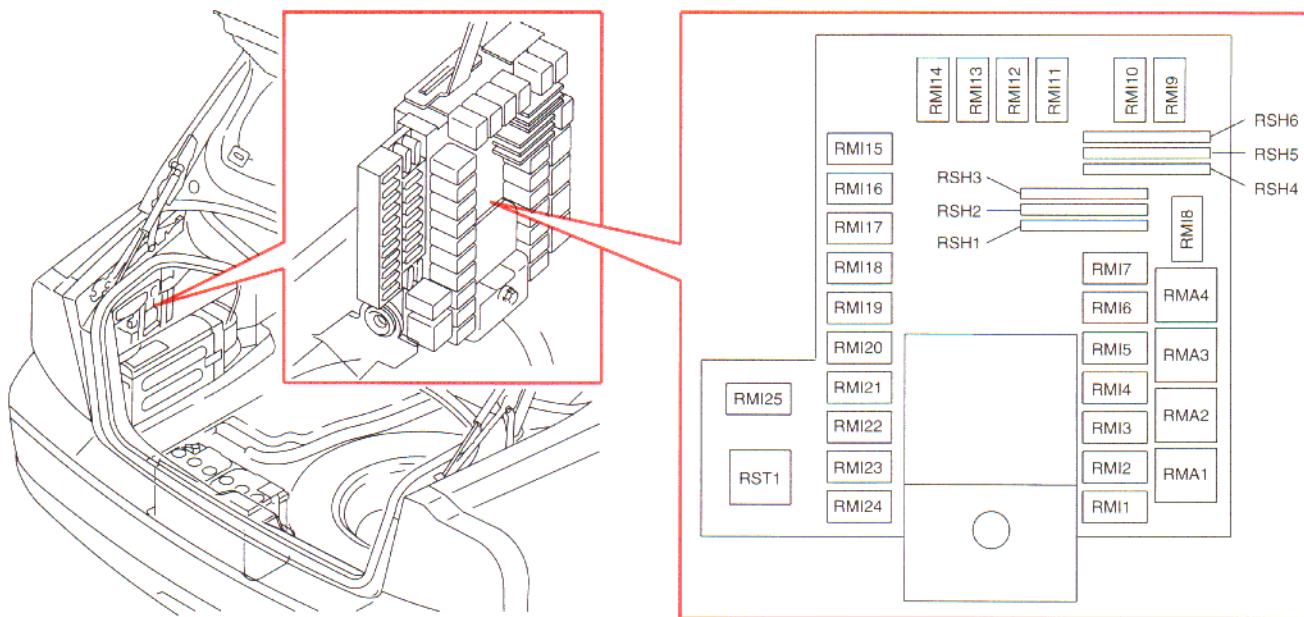
Terminal	Relay function
FMA1-9	-
FMA10	Main relay engine management system (2/32)
FMA11	-
FMA12	Relay starter motor (2/35)
FMI1	Air conditioning (A/C) relay (2/22)
FMI2-3	-
FMI4	Relay horn (2/17)
FMI5-6	-
FST1	Relay windshield wiper low-/high speed (2/90)
FST2-3	-
FST4	Relay windshield wiper intermittent (2/91)
FST5	Relay washer motor (2/92)

Relays in passenger compartment



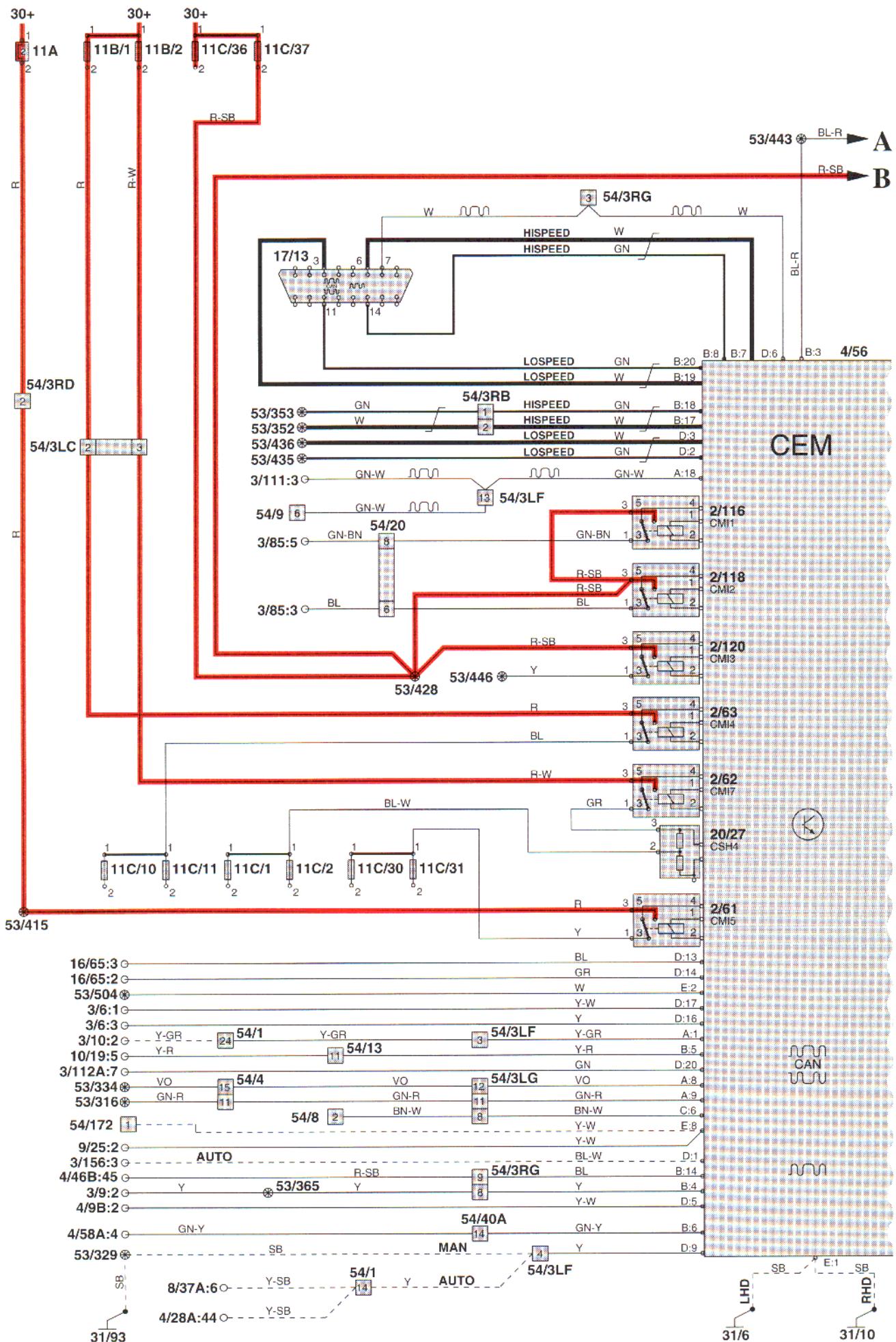
Terminal	Relay function
CMA1	-
CMA2	Overload relay X-supply (2/30)
CMA3	Overload relay 15-supply (2/31)
CMA4	-
CMI1	Relay power window up left rear (2/116)
CMI2	Relay power window down left rear (2/118)
CMI3	Relay power window child down safety limit rear doors (2/120)
CMI4	Relay high beam (2/63)
CMI5	Relay parking lamps (2/61)
CMI6	-
CMI7	Relay low beam (2/62)
CMI8-10	-
CMI11	Relay front fog lamps (2/34)
CMI12	Relay fuel pump (FP) (2/23)
CMI13-21	-
CMI22	Relay increased X supply (2/29)
CMI23	Relay power window down right rear (2/119)
CMI24	Relay power window up right rear (2/117)
CMI25	-
CSH1	Shunt left turn signal lamp CEM (20/32)
CSH2	Shunt right turn signal lamp CEM (20/34)
CSH3	-
CSH4	Shunt low beam CEM (20/27)
CSH5-6	-
CST1	-

Relays in cargo compartment



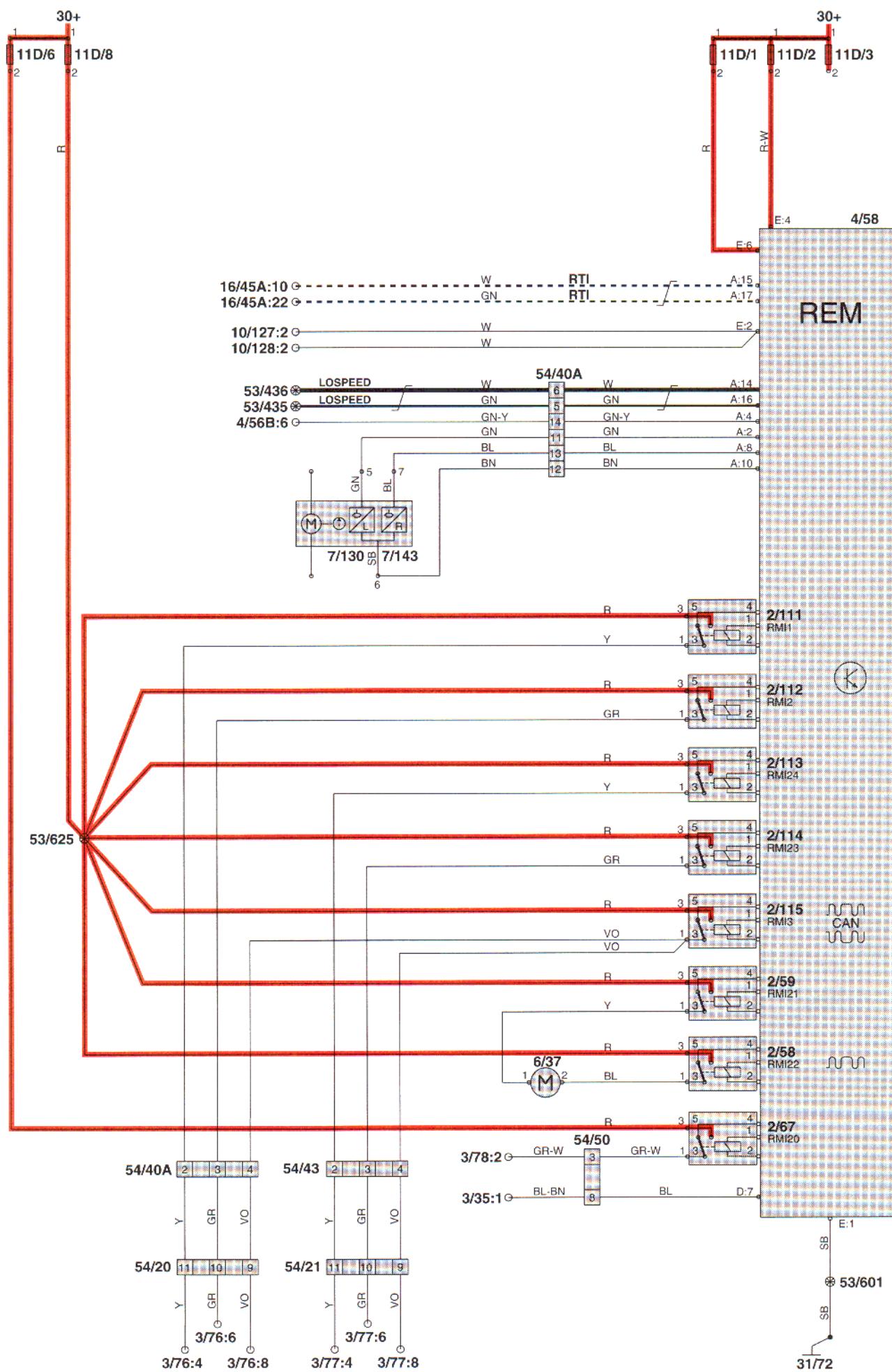
Terminal	Relay function
RMA1	Relay 15I-supply rear (2/52)
RMA2	-
RMA3	Relay rear windscreen heater (2/82)
RMA4	-
RMI1	Central locking relay locking left rear (2/111)
RMI2	Central unlocking relay locking left rear (2/112)
RMI3	Central locking relay deadlocks rear doors (2/115)
RMI4	Relay back-up (reversing) lamp (2/80)
RMI5	Relay stop (brake) lamp (2/79)
RMI6	Relay, rear foglamp (2/49)
RMI7	Relay fog lamp trailer (2/83)
RMI8-13	-
RMI14	Relay folding head restraint rear (2/75)
RMI15-19	-
RMI20	Relay trunk lid opening (2/67)
RMI21	Relay fuel tank filler cover unlocking (2/59)
RMI22	Relay fuel tank filler cover locking (2/58)
RMI23	Central unlocking relay locking right rear (2/114)
RMI24	Central locking relay locking right rear (2/113)
RMI25	-
RSH1	-
RSH2	Shunt fog lamp REM (20/29)
RSH3	-
RSH4	Shunt parking lamps REM (20/28)
RSH5	Shunt positions/tail lamp REM (20/33)
RSH6	Shunt stop (brake) lamp REM (20/31)
RST1	-

Electronic connection Central electronic module (CEM)

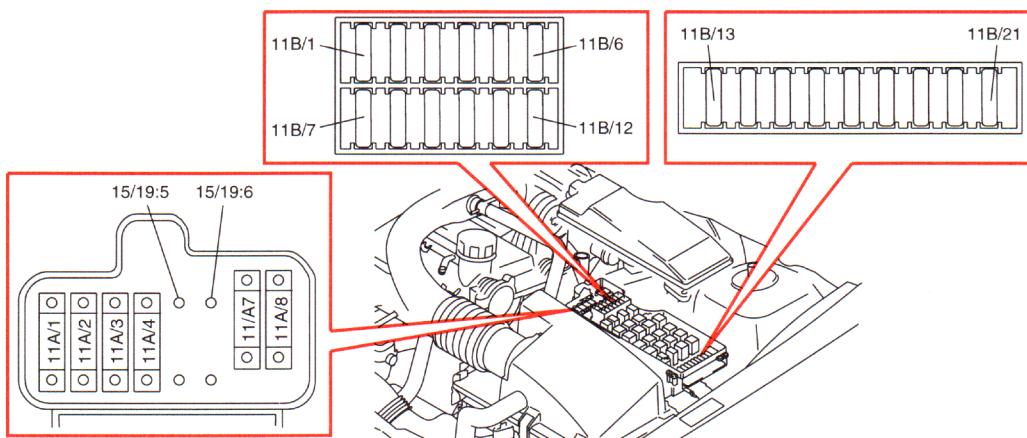


Electronic connection

Rear electronic module (REM)



Fuses, in engine compartment



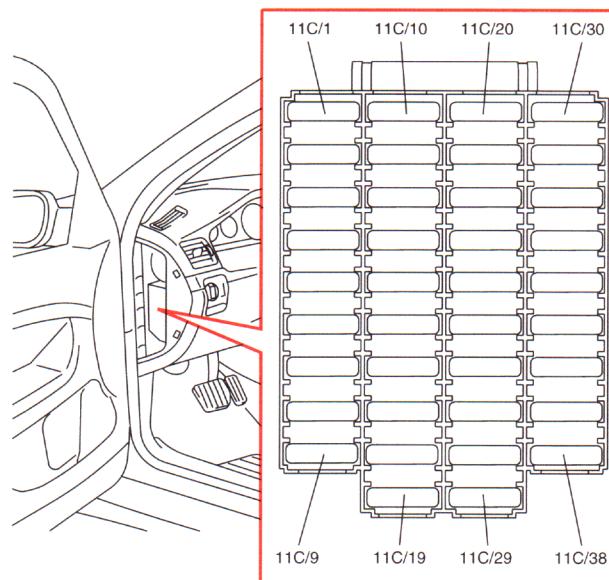
Main fuses, 11A, in the integrated relay/fusebox

No.	Fuse function	A
1	-	
2	Fuses 11B/8, 11C/32-38, Fuses 11C/30-31 (via relay parking lamps)	60
3	Fuses 11B/1-2, 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/3-5, 11C/20-28	60
5-6	-	
7	Engine cooling fan (FC), Fuses 11B/9-10	60
8	-	

Fuses, 11B, in the integrated relay/fusebox

No.	Fuse function	A
1	Fuses 11C/10-11 (via relay high beam)	20
2	Fuses 11C/1-2 (via relay low beam and Shunt low beam)	15
3	Stop (brake) lamp switch	5
4	Windshield wiper	25
5	Headlamp wiper/washer, Windshield washer	15
6-7	-	
8	Horn	15
9	(Parking heater)	
10	(Auxiliary lamps)	
11	Anti lock brakes (ABS)	30
12	Anti lock brakes (ABS)	30
13	Starter motor	25
14	Engine control module (ECM), Main relay engine management system	5
15	-	
16	Accelerator pedal (AP) position sensor, Transmission control module (TCM) (TCM), Magnetic clutch A/C	20
17	Spark plugs with ignition coils, Relay A/C	20
18	Engine control module (ECM), Injectors, Mass air flow (MAF) sensor	15
19	Heated oxygen sensors (HO2S)	20
20	Emission control, Turbocharger (TC) control valve, PTC resistor preheating of air	15
21	Throttle module (ETM)	10

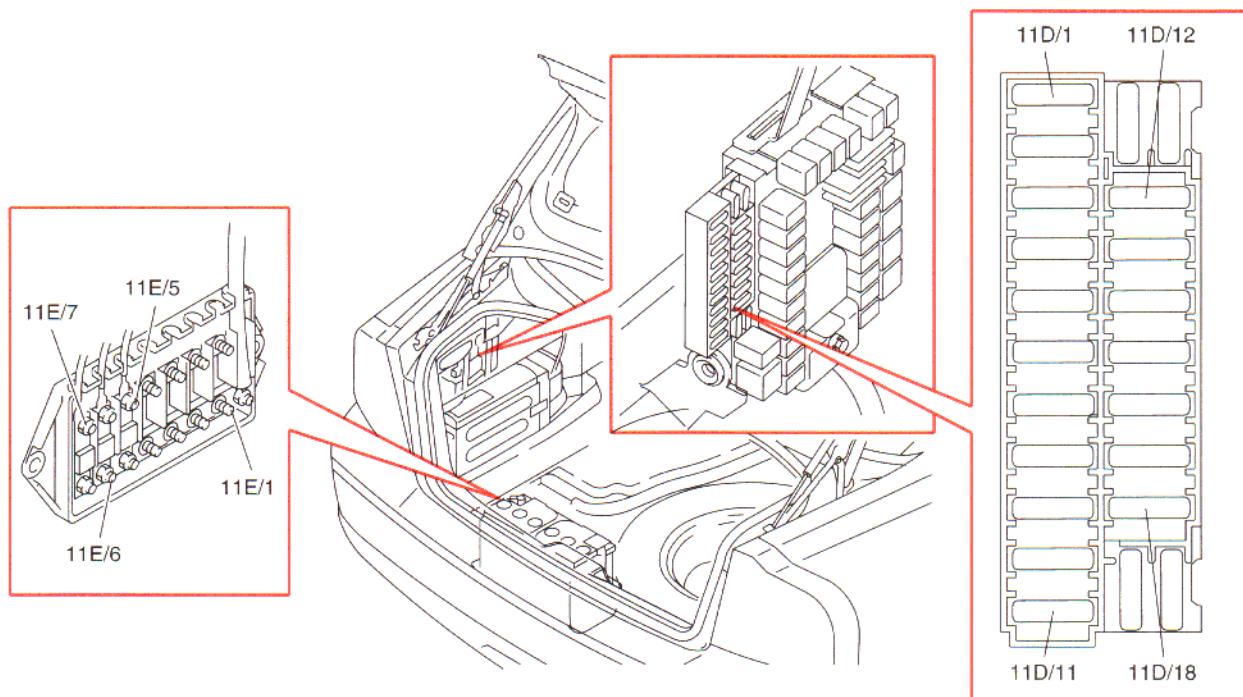
Passenger compartment fuses



Fuses, 11C, in the fusebox

No.	Fuse function	A
23	Electrical switch module lights (LSM), Data link connector (DLC) Electrical switch module climate control (CCM)	5
24	Increased X supply via relay: Electrical switch module climate control (CCM), Combined instrument panel (DIM), Power driver's seat, Geartronic, Shift lock, (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 fan control module	30
27	Via Electrical switch module front door (DDM/PDM): Central locking, Power windows, Door open warning lamps, Heated door mirrors, Power door mirrors, Lighting door mirrors	15
28	Courtesy lighting, Upper electronic control module (UEM), Electrical switch module courtesy light, Vanity mirror lighting	10
29	Alarm siren	5
30	Side marker lamps left front, Left position lamps front, Position lamps rear	10
31	Side marker lamps right front, Right position lamps front, Position / rear lamps, License plate lighting	10
32	Fuse 11C/29, Via Central electronic module (CEM): Courtesy lighting, electronic power steering	10
33	Fuel pump (FP)	15
34	Sun roof	15
35	Via Electrical switch module left front door (DDM/PDM): Central locking, Power windows, Power door mirror, Courtesy lighting	25
36	Via Electric switch module right front door (DDM/PDM): Central locking, Power windows	25
37	Rear power windows, Child down safety limit, Power door mirror, Courtesy lighting	30
38	-	

Fuses, in cargo compartment



Main Fuses, 11E, at battery

No.	Fuse function	A
1	-	
2	-	
3	-	
4	-	
5	Rear demist	40
6	Fuses 11D/6-10	40
7	Fuses 11D/1-5	40

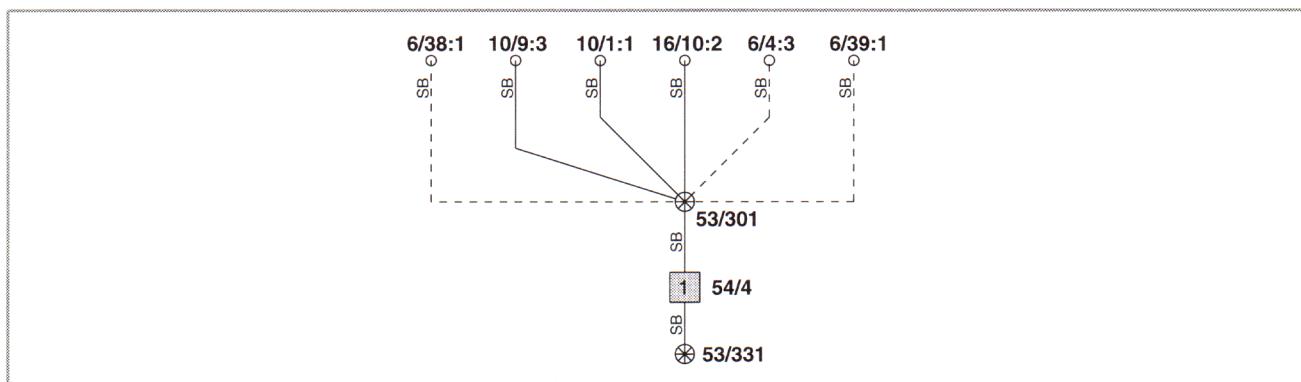
Fuses, 11D, in the integrated relay/fusebox

No.	Fuse function	A
1	Rear electronic module (REM), Via Rear electronic module (REM) 53/435: Cargo compartment lighting	10
2	Rear electronic module (REM): Fog tail lamp	10
3	Stop (brake) lamp	15
4	Back-up (reversing) lamp	10
5	-	
6	Trunk lid opening	10
7	Fold down head restraint	10
8	Central locking rear doors, Fuel tank filler cover unlocking	15
9	Tow hitch	20
10	CD changer, CD-ROM player RTI, RTI control module	10
11-18		

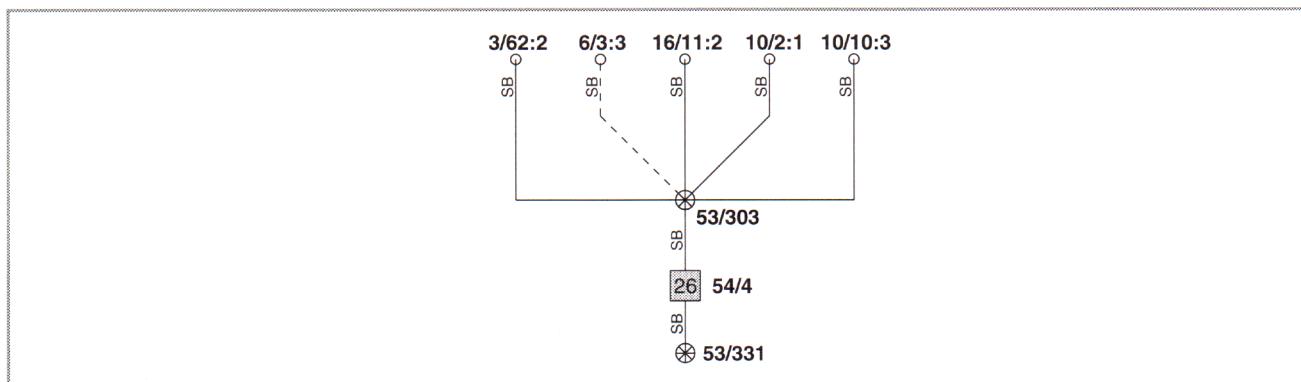
Junction points 53/301-53/305

For the location of junction points see section "Routing of cable harnesses in the car", pages 53 - 62.

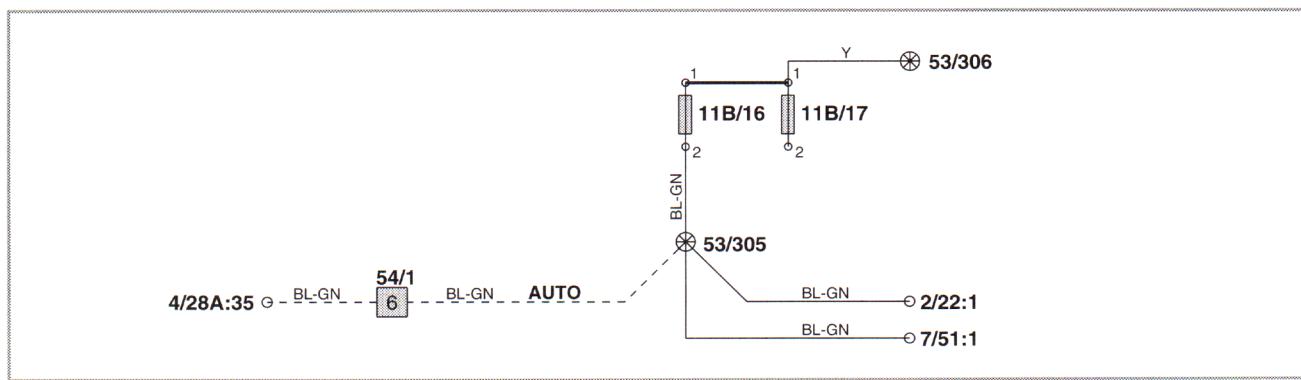
53/301 (Cable harness front)



53/303 (Cable harness front)



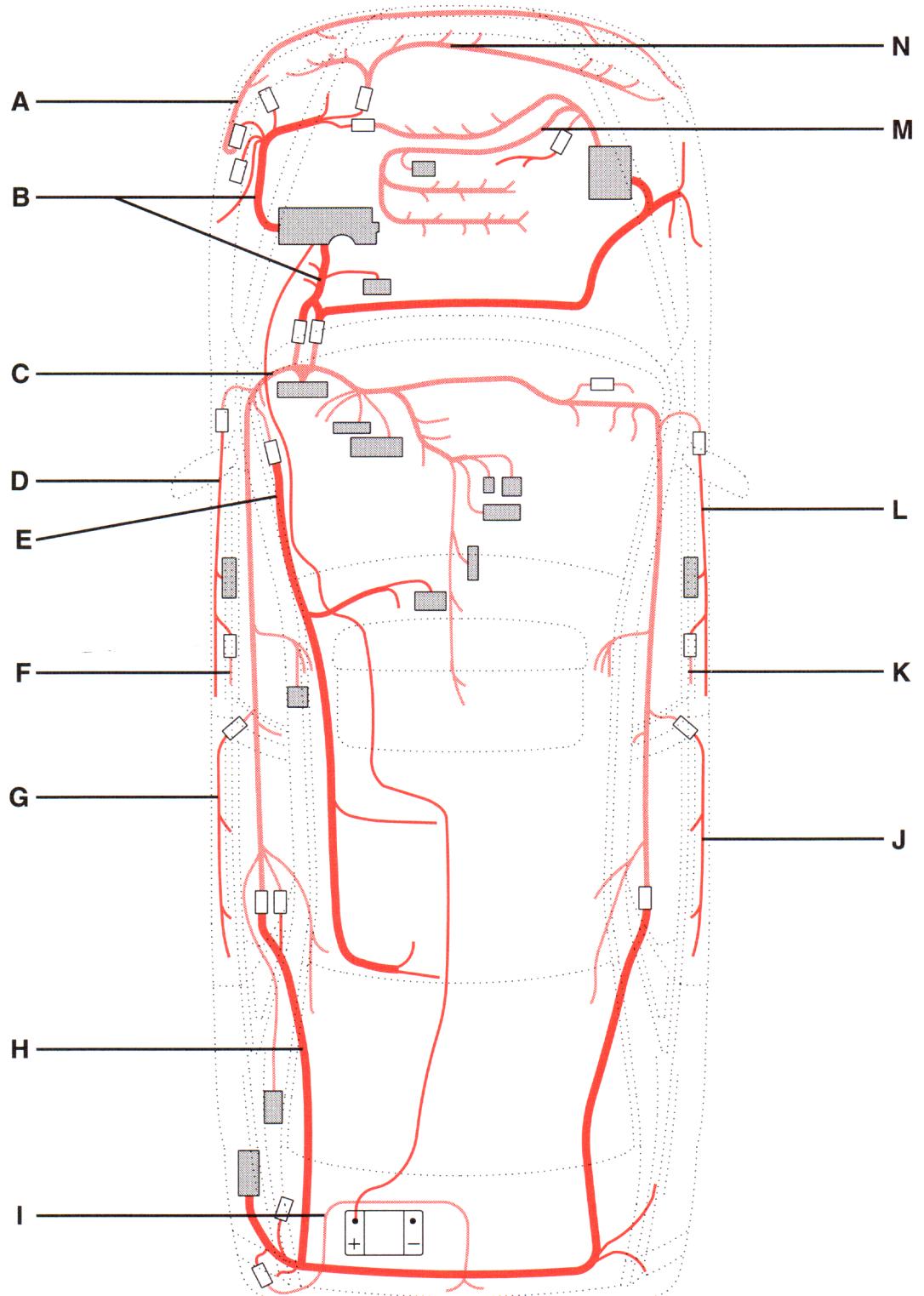
53/305 (Cable harness engine compartment)



Cable harnesses overview

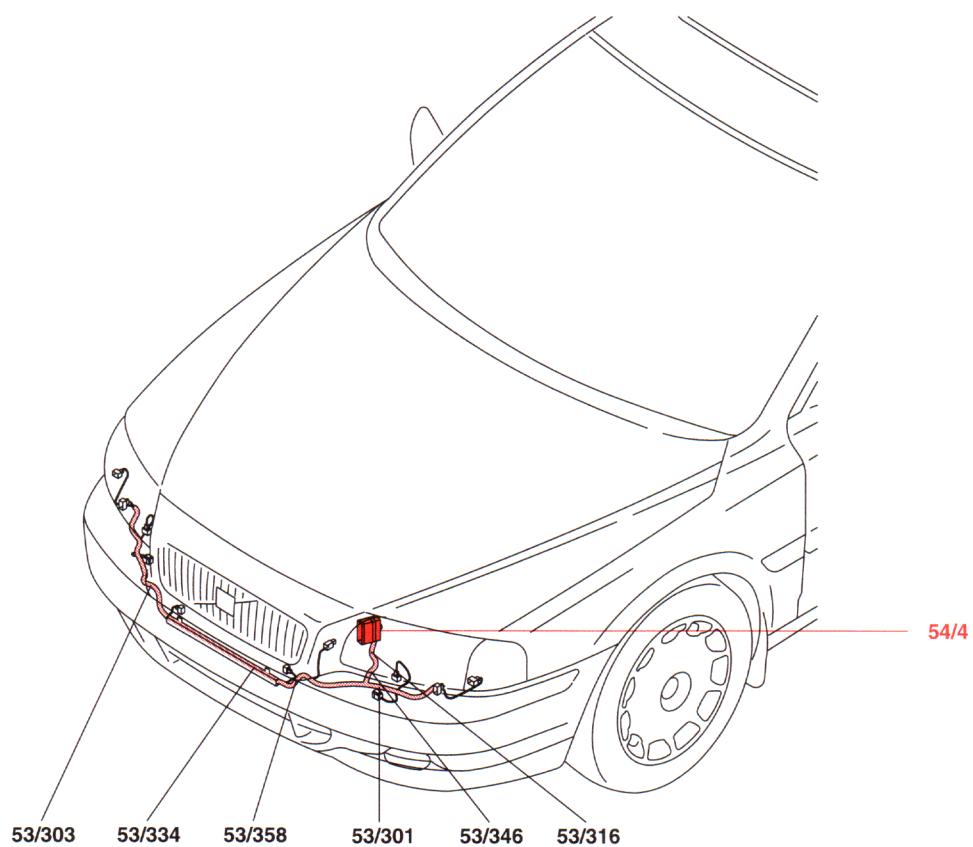
A Soft front cable harness
B Engine compartment harness
C Passenger compartment harness
D Left front door cable harness
E Roof harness
F Left door panel cable harness
G Left rear door harness

H Cargo compartment cable harness
I Trunk lid cable harness
J Right rear door harness
K Right door panel cable harness
L Right front door cable harness
M Engine harness
N Cable harness front

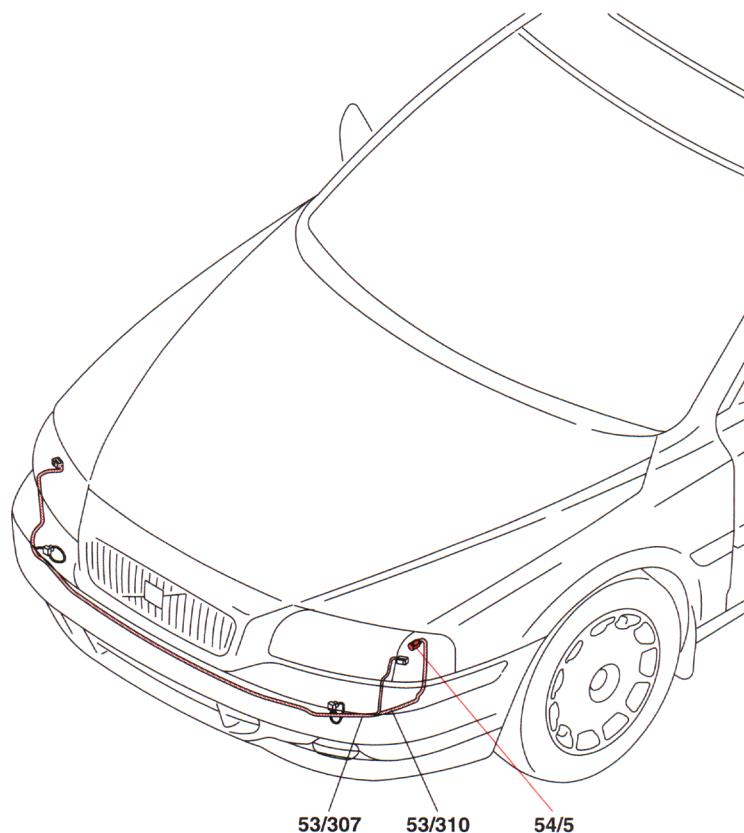


Routing of cable harnesses in the car

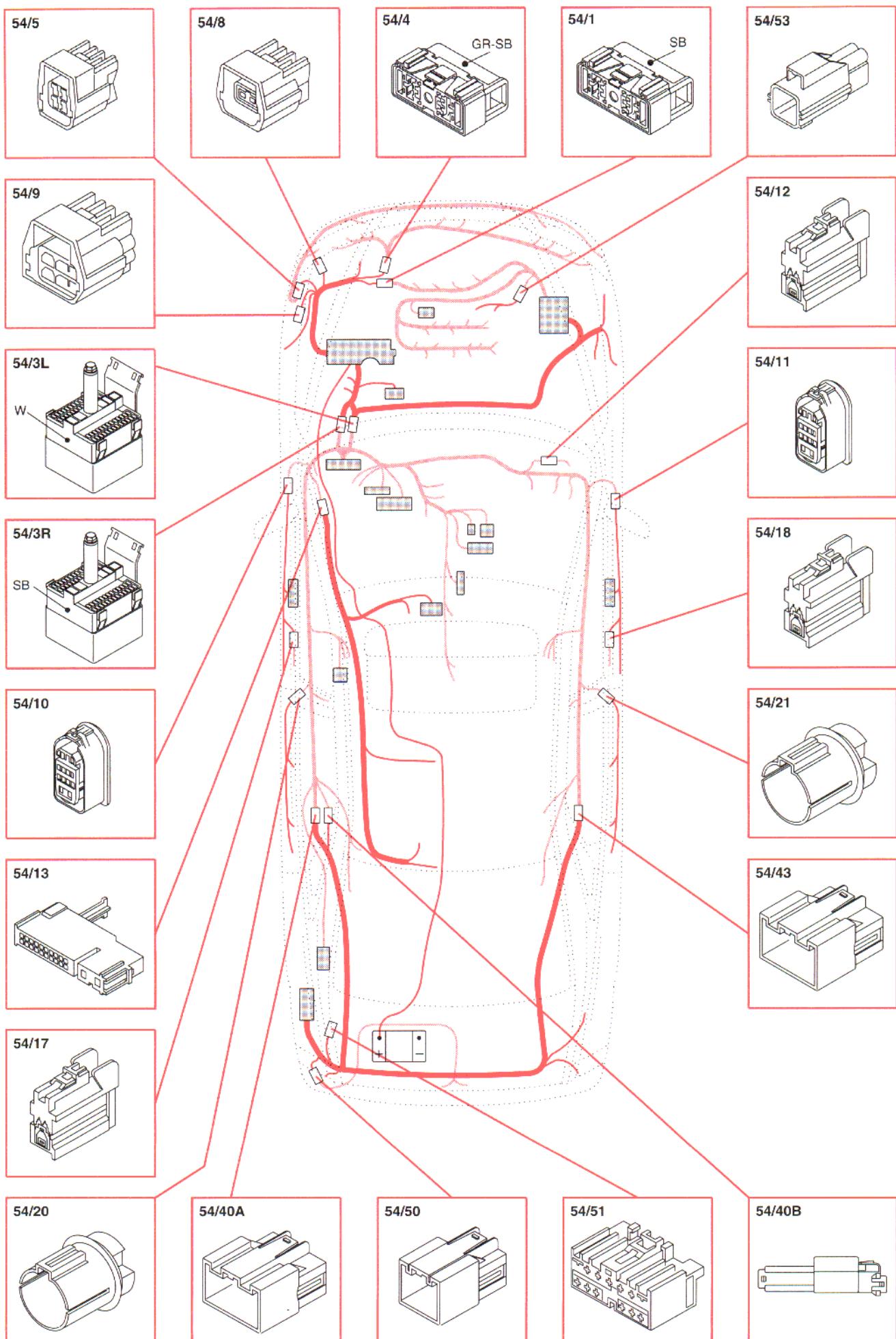
Cable harness front



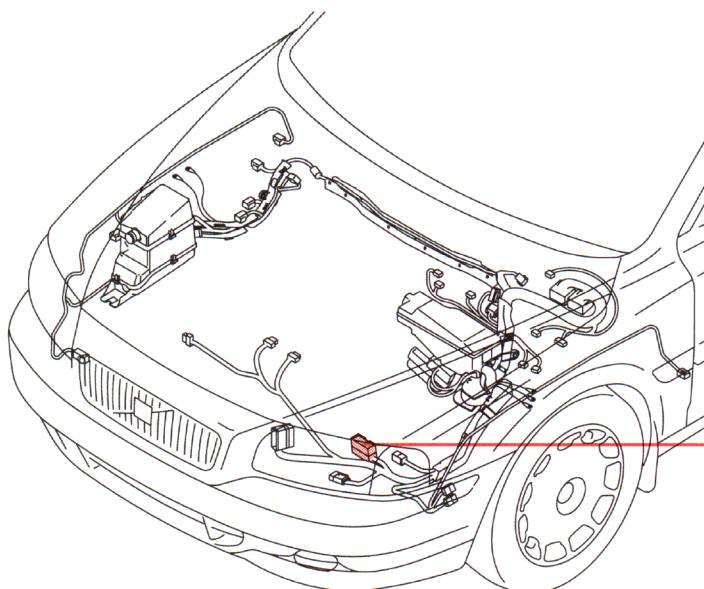
Soft front cable harness



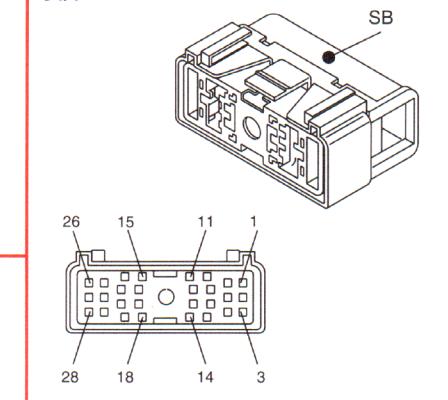
Connectors overview



Connector 54/1



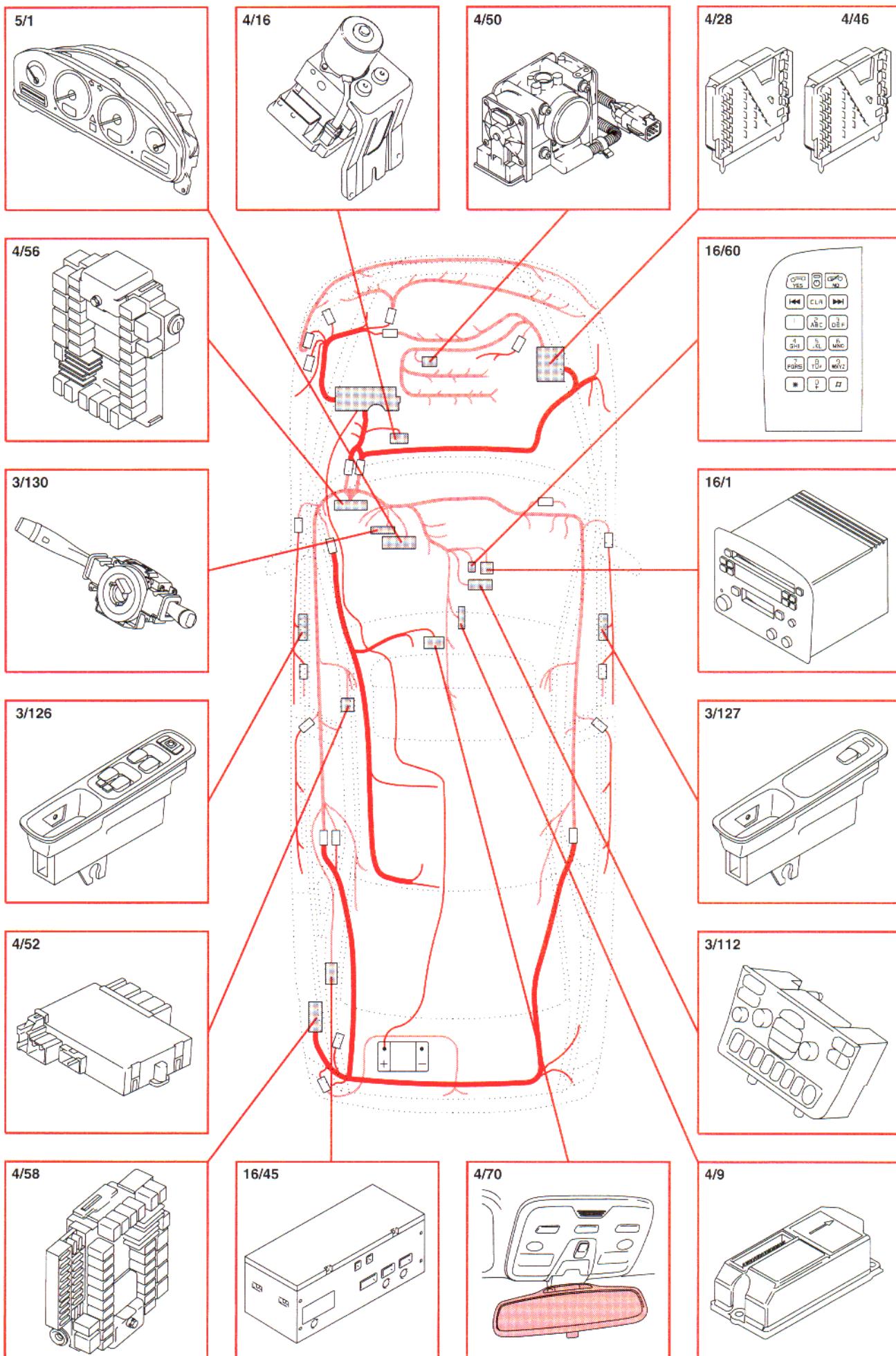
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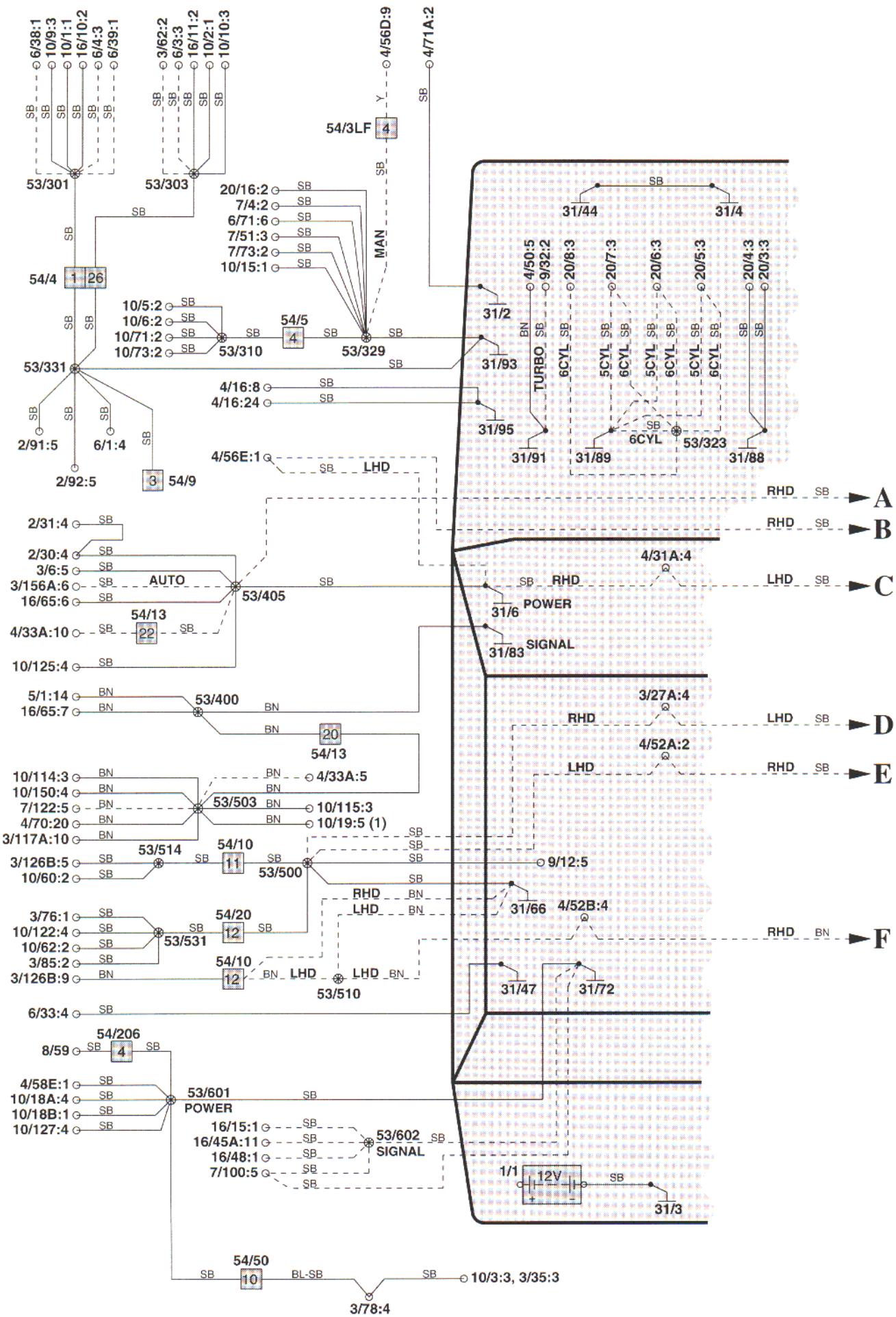
**54/1 Black 28-pin connector
Engine compartment harness - dashboard harness**

Term.	Female	Male	Color
1	Starter motor relay terminal 3	Starter motor connection 50	GN-R
2	Fuse 11B/20:2	Via junction point 53/357: canister purge (CP) valve terminal 1 Reset valve camshaft terminal 1 Turbocharger (TC) control valve terminal 1 PTC resistor preheating of air term.1	GN-GR
3-4	-	-	-
5	Connector 54/3LF:2	Generator (GEN) term. B:1	R-W
6	Fuse 11B/16:2 (via 53/305)	Transmission control module (TCM)(TCM) A:35	BL-GN
7-13	-	-	-
14	Connector 54/3LF:4	Transmission control module (TCM) A:44 (6cyl) Gear shift position switches (via 54/200:6) (5cyl)	Y
15-22	-	-	-
23	Relay A/C terminal 3	Magnetic clutch A/C	GR
24	Connector 54/3LF:3	Back-up (reversing) lamp switch terminal pos. 2	Y-GR
25	Fuse 11B/21:2	Electronic throttle module terminal 6	GN-SB
26	Fuse 11B/19:2	Via junction point 53/325: Heated oxygen sensor (HO2S) 1 and 3 terminal 3 Heated oxygen sensor (HO2S) 2 and 4 terminal 1	GN-BN
27	Fuse 11B/17:2 (via 53/348)	Spark plugs with ignition coils terminal 4 (via 53/321)	GN-W
28	Fuse 11B/18:2	Via junction point 53/320: Injectors terminal 1 Mass air flow (MAF) sensor term 2 Engine control module (ECM) A:70	GN

Control modules overview

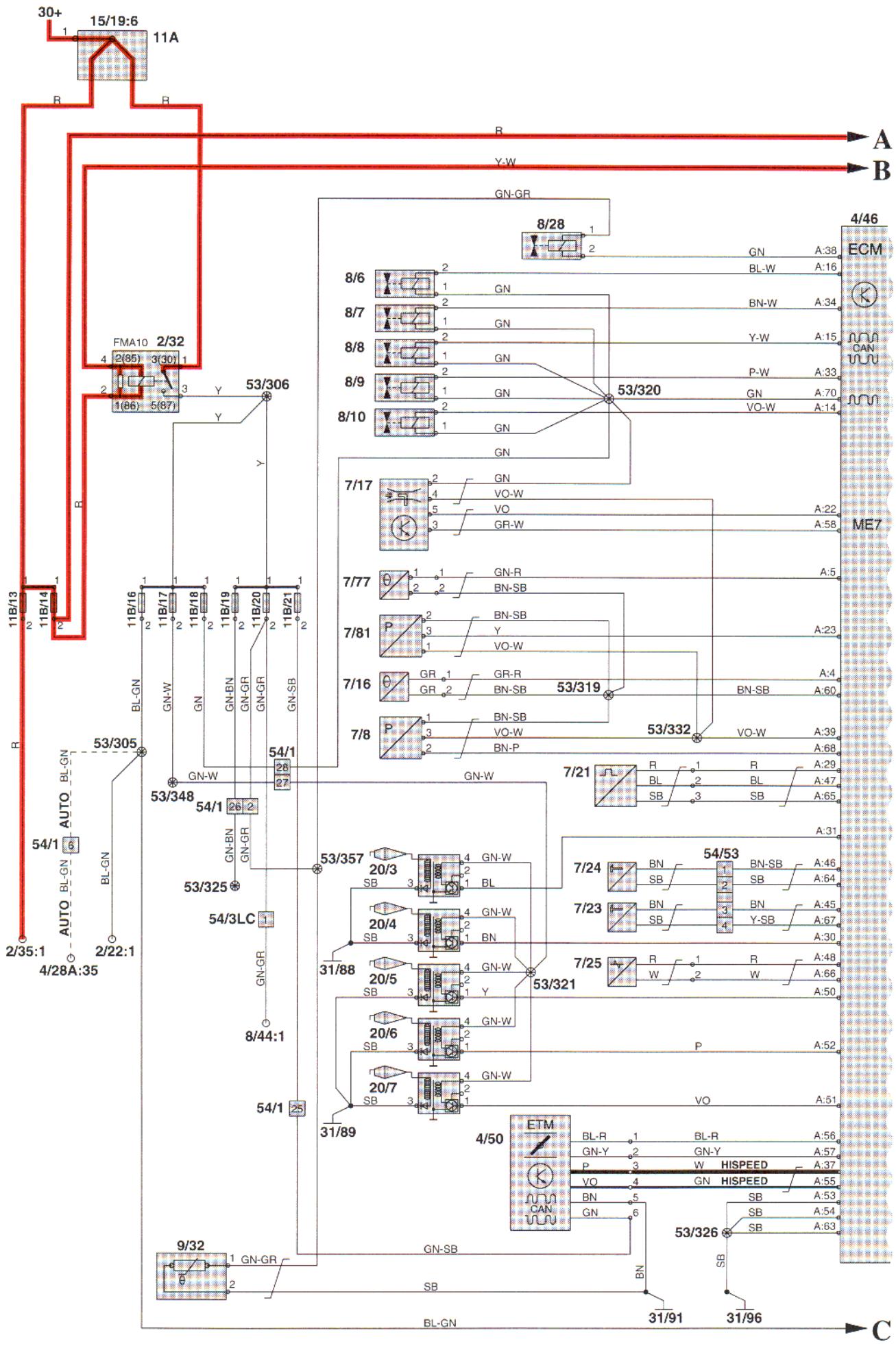


Ground terminals



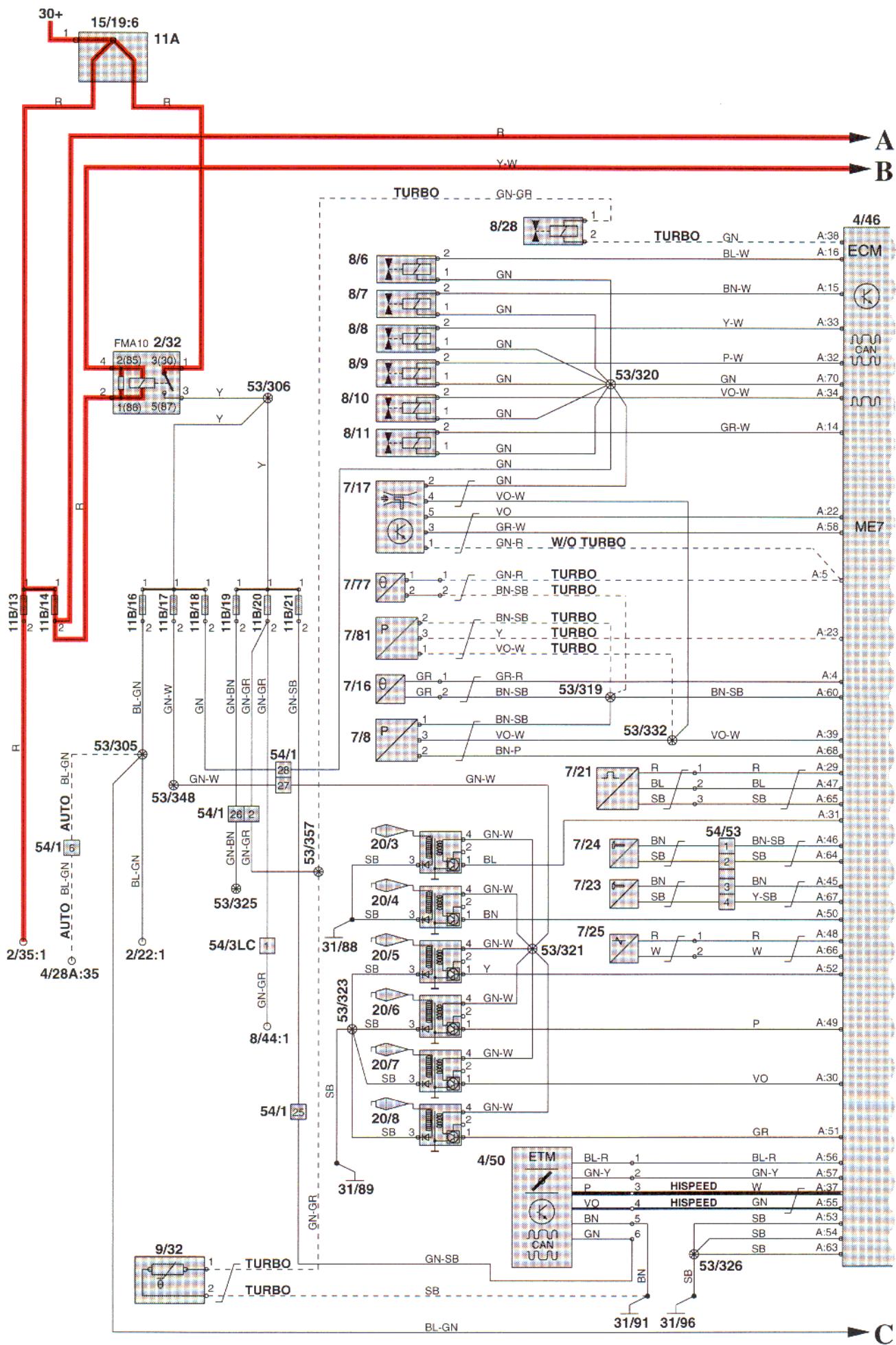
Engine management system ME7

5 cylinder engines

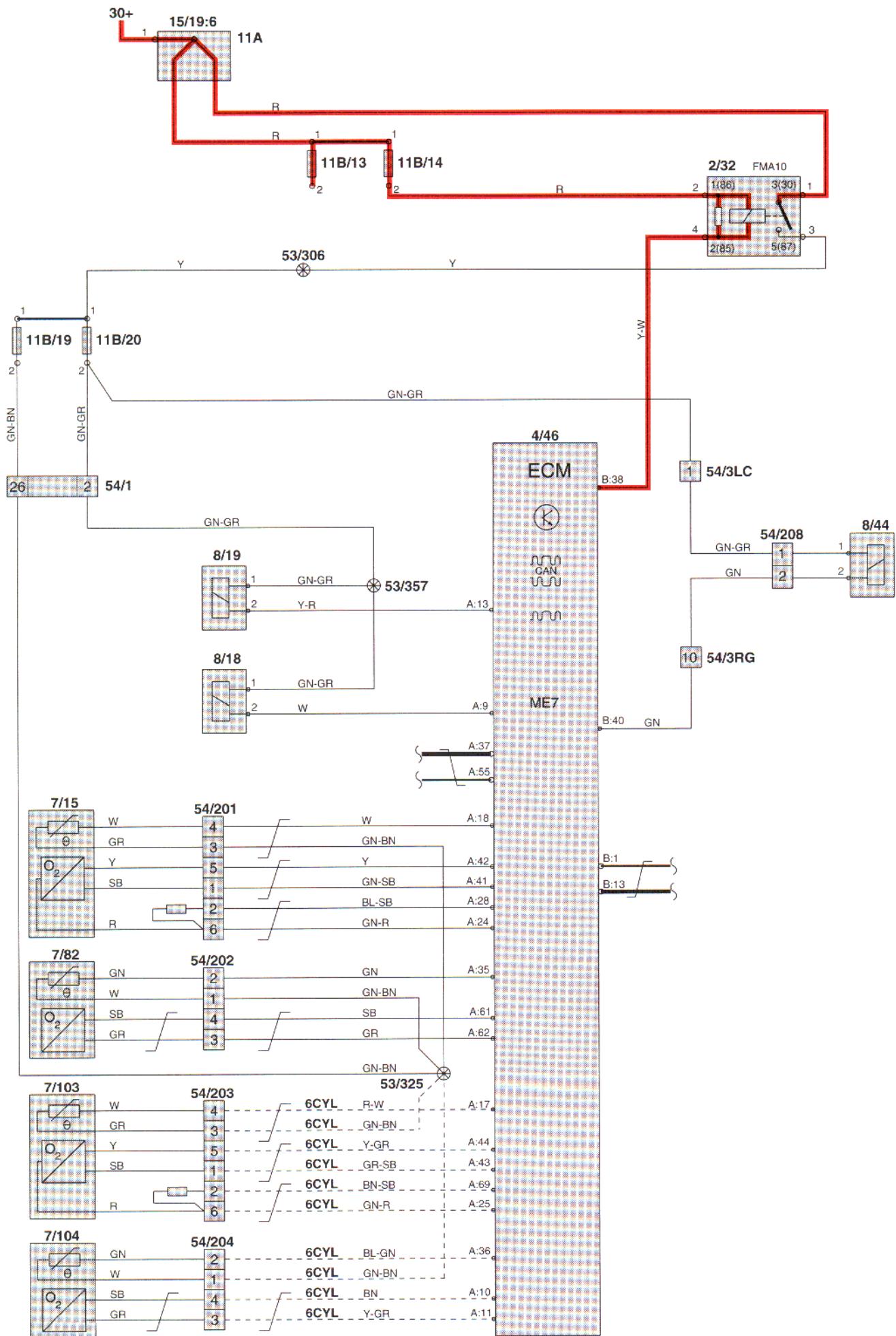


Engine management system ME7

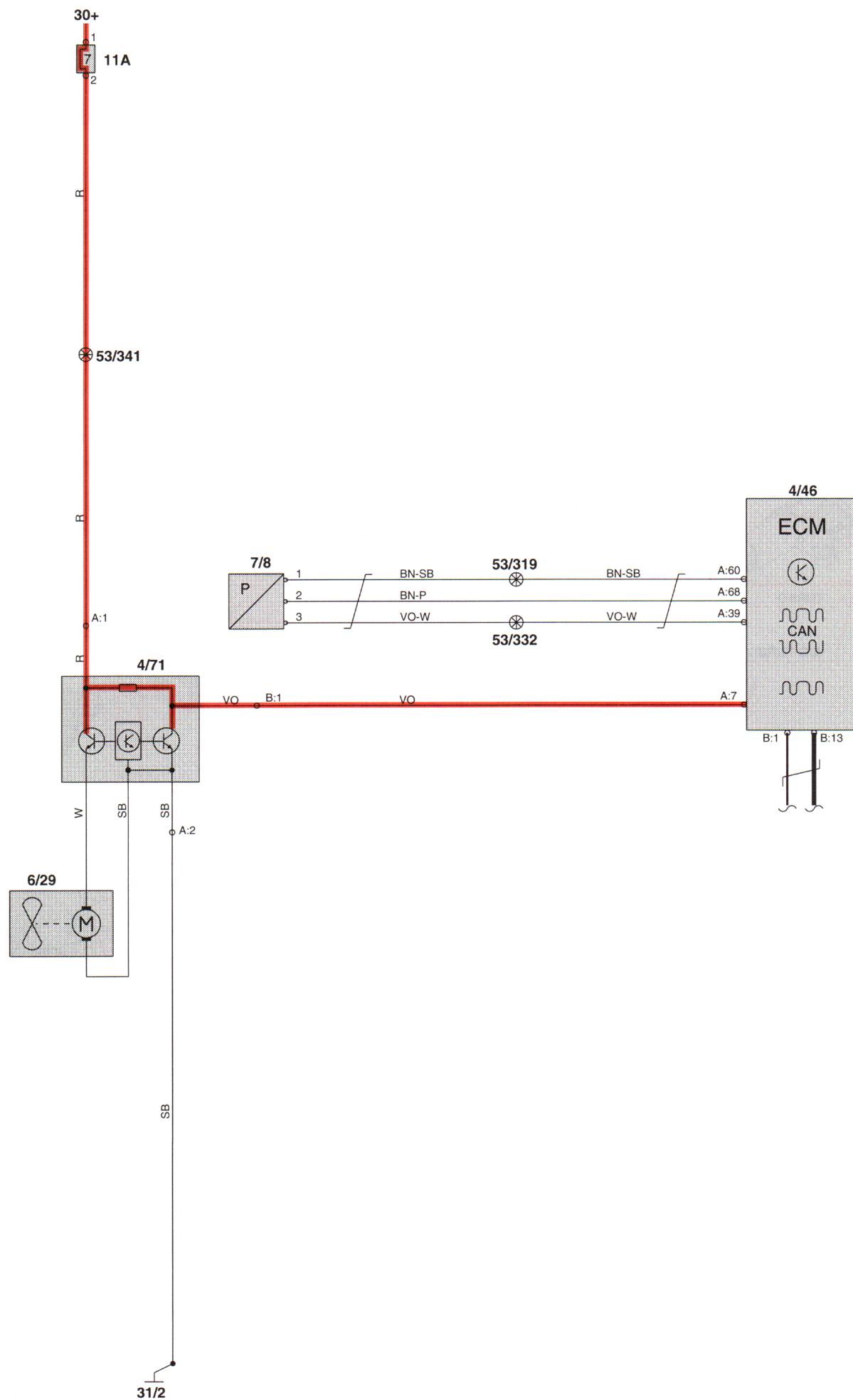
6 cylinder engines



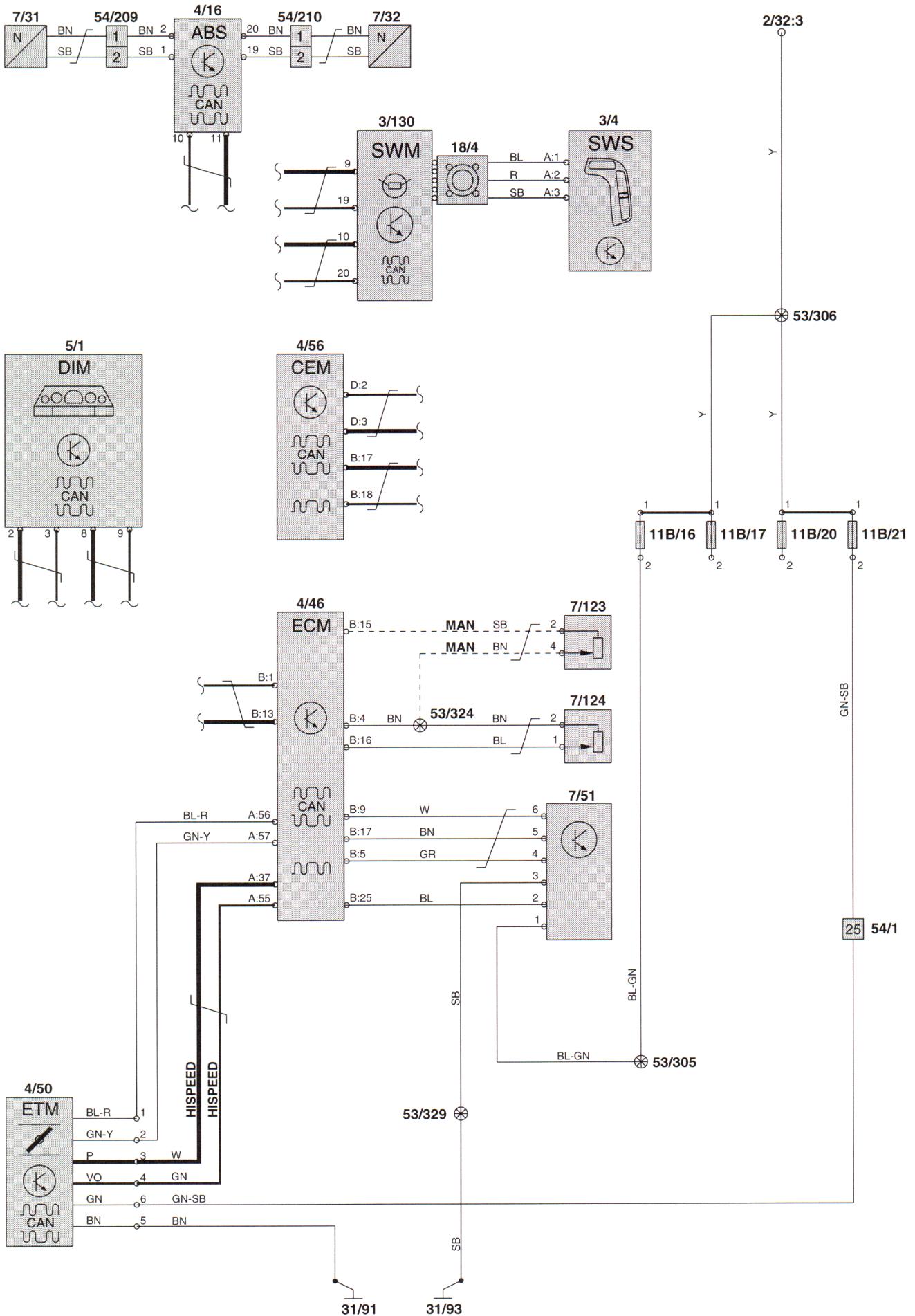
Emissions control ME7



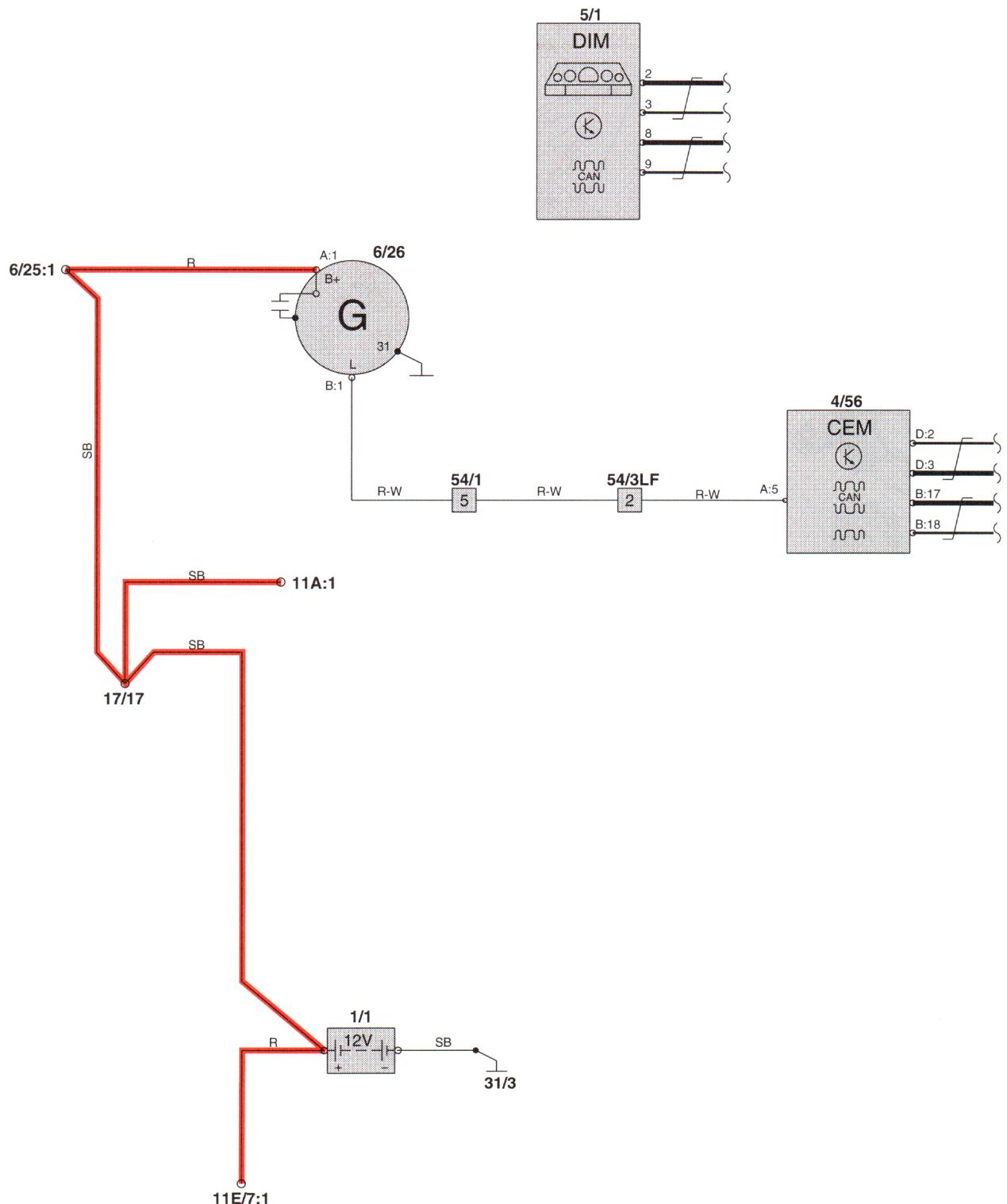
Engine cooling fan (FC)



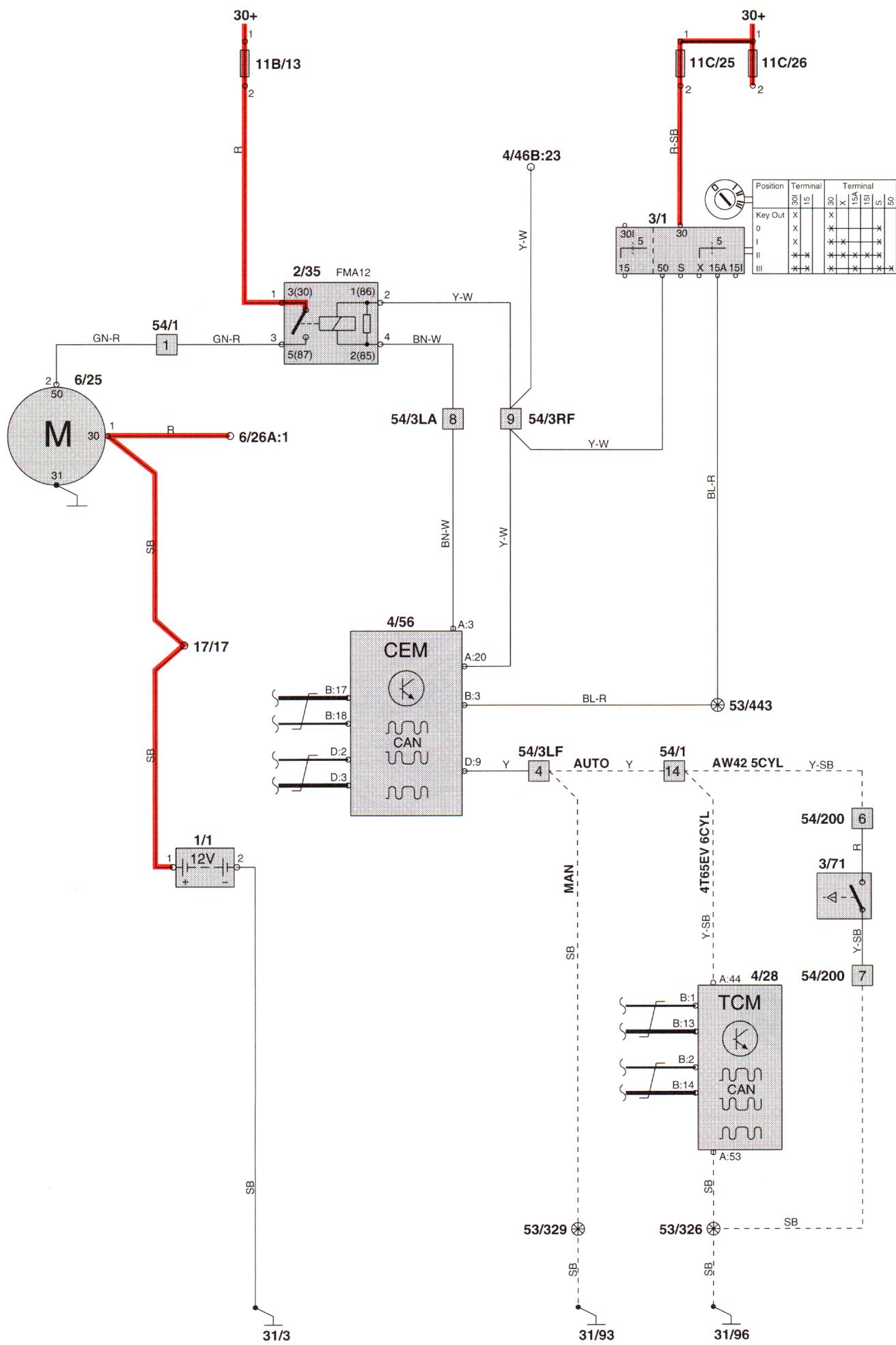
Cruise control



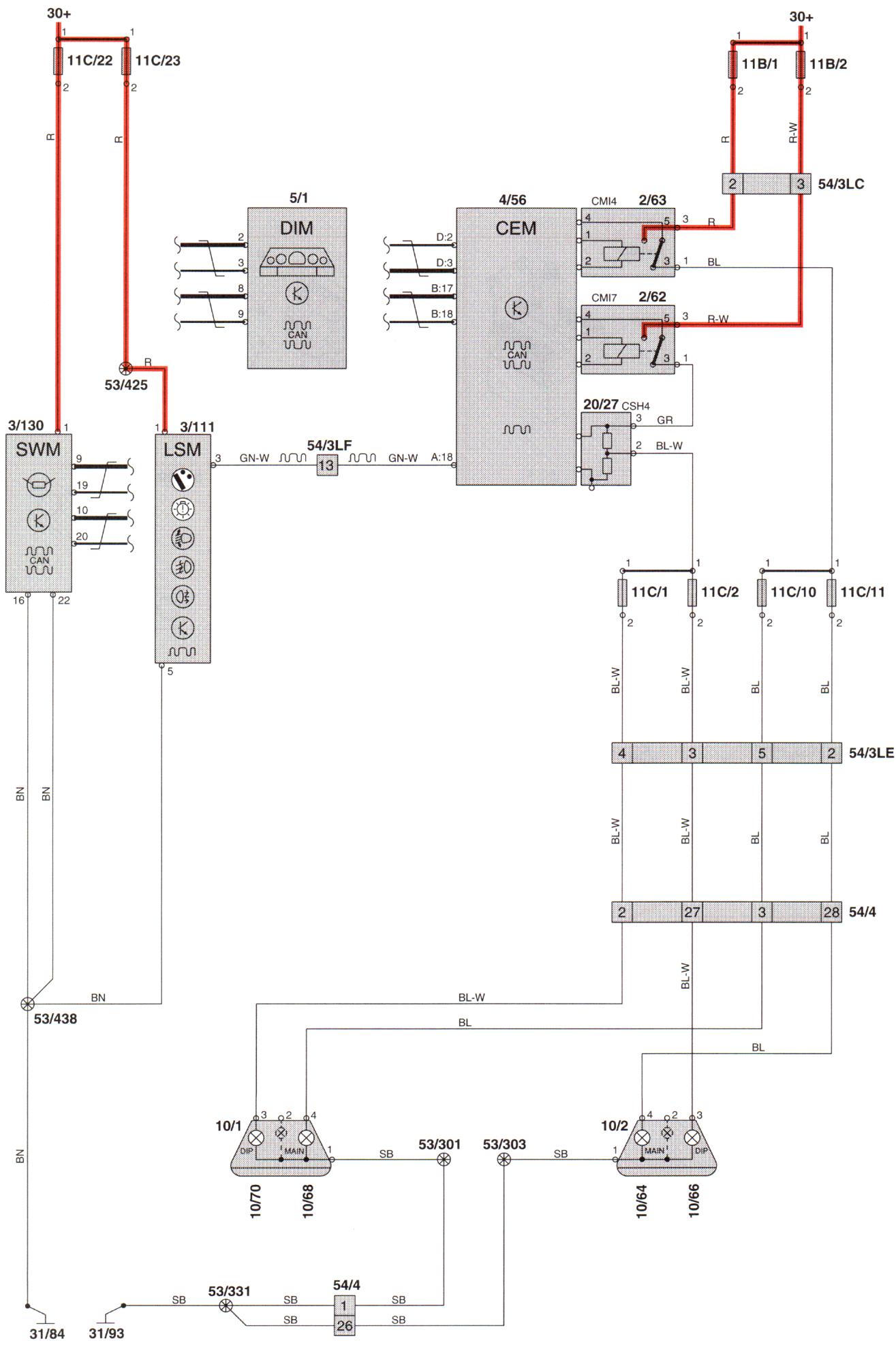
Power supply



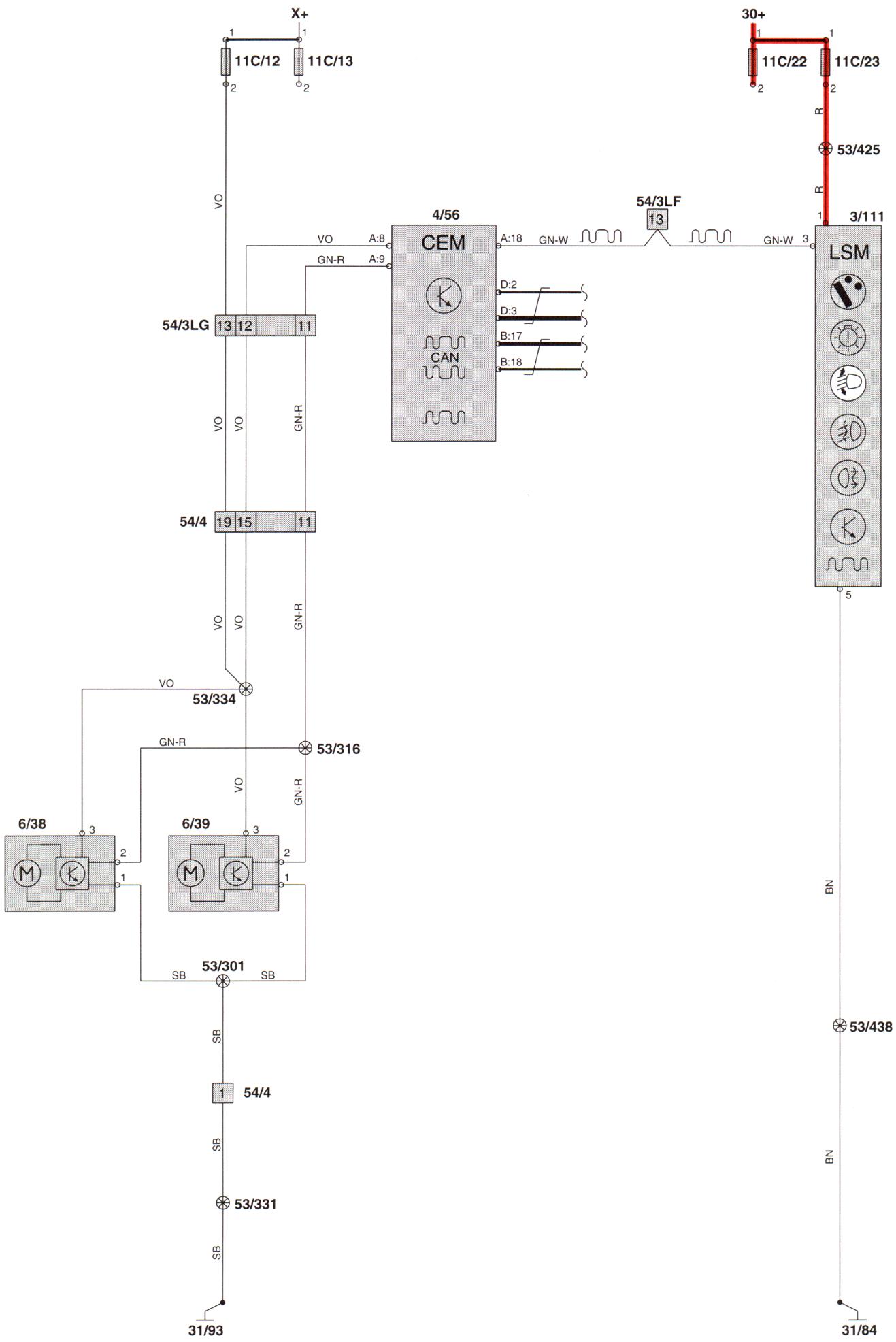
Starter system



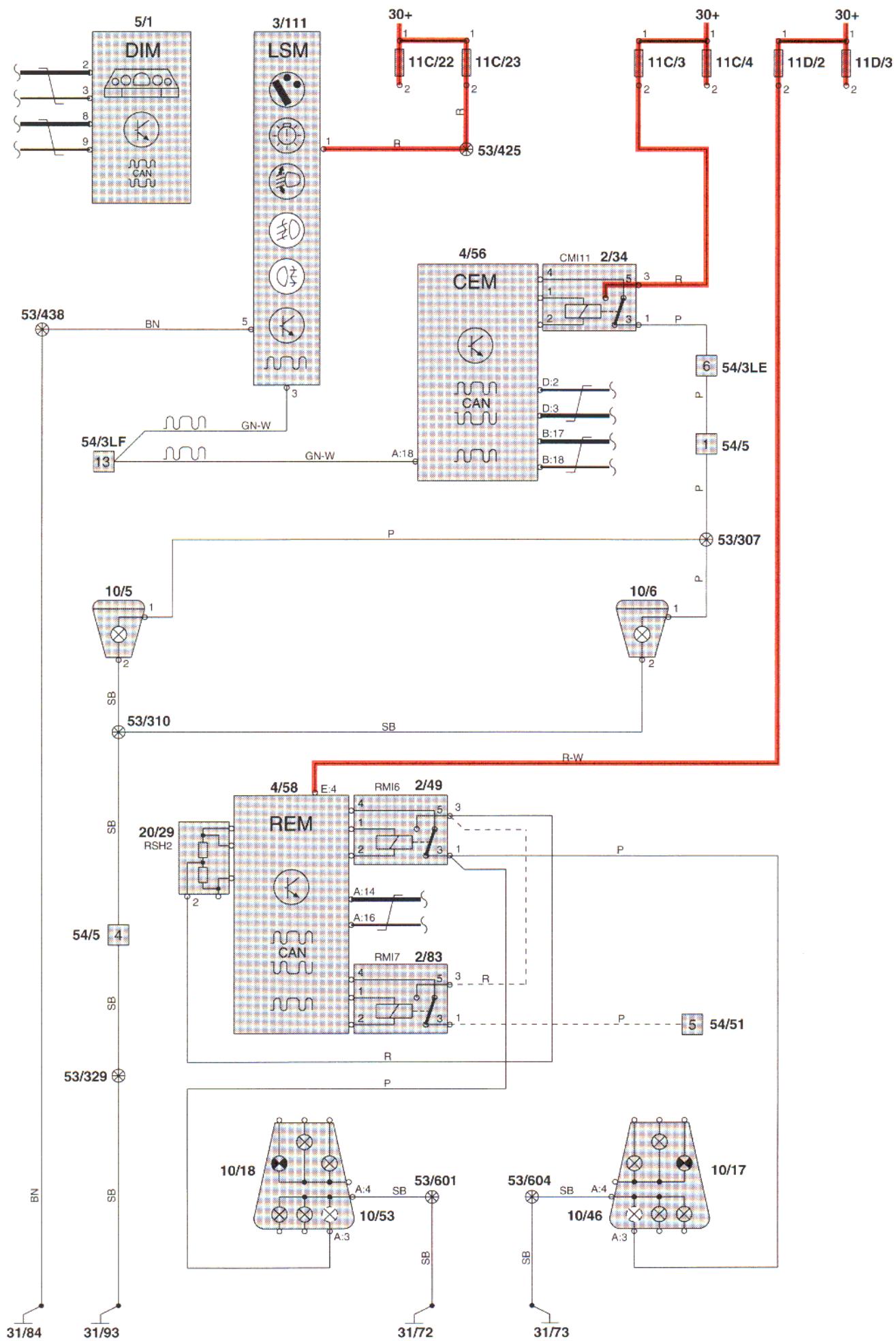
High and low beams



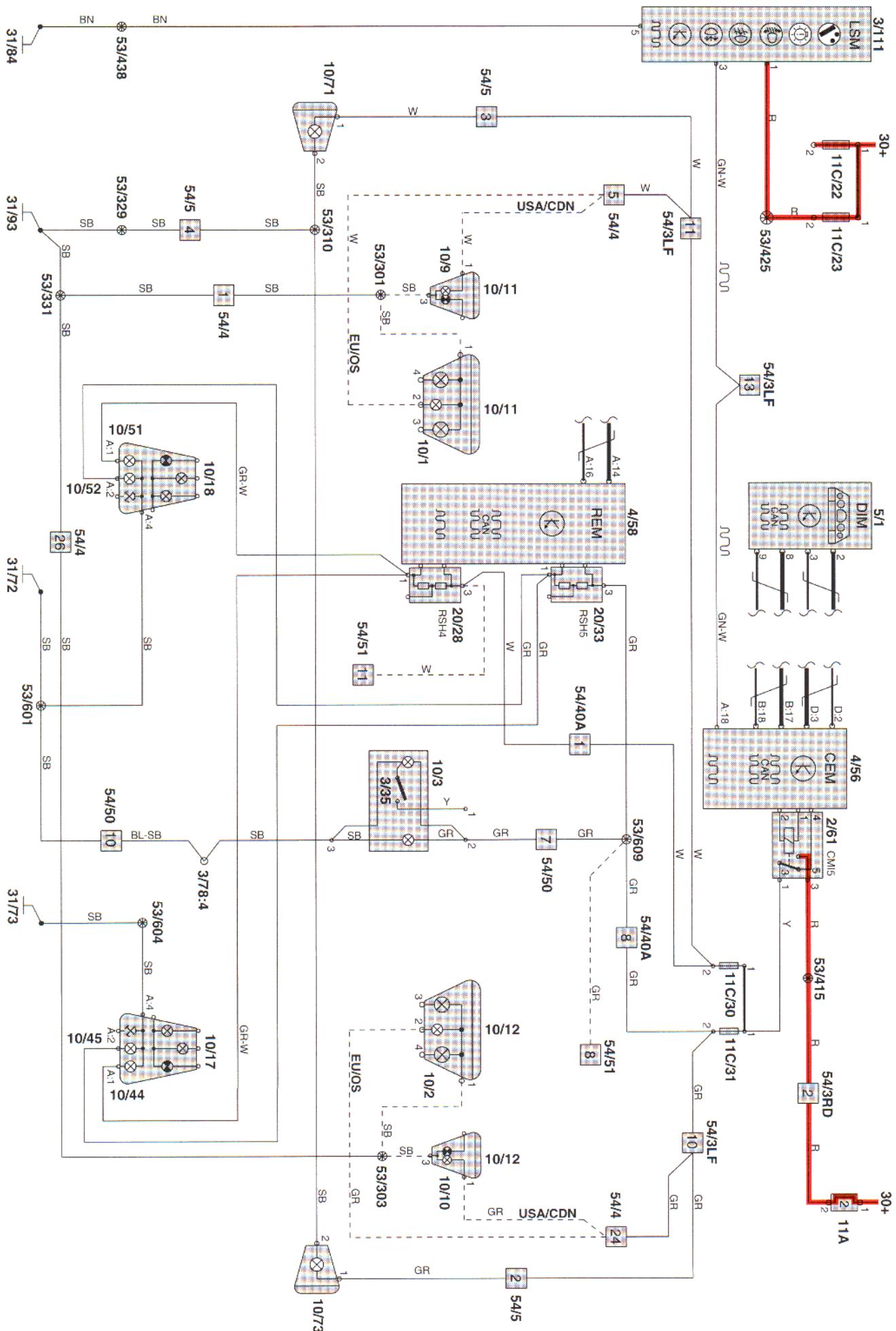
Beam height control



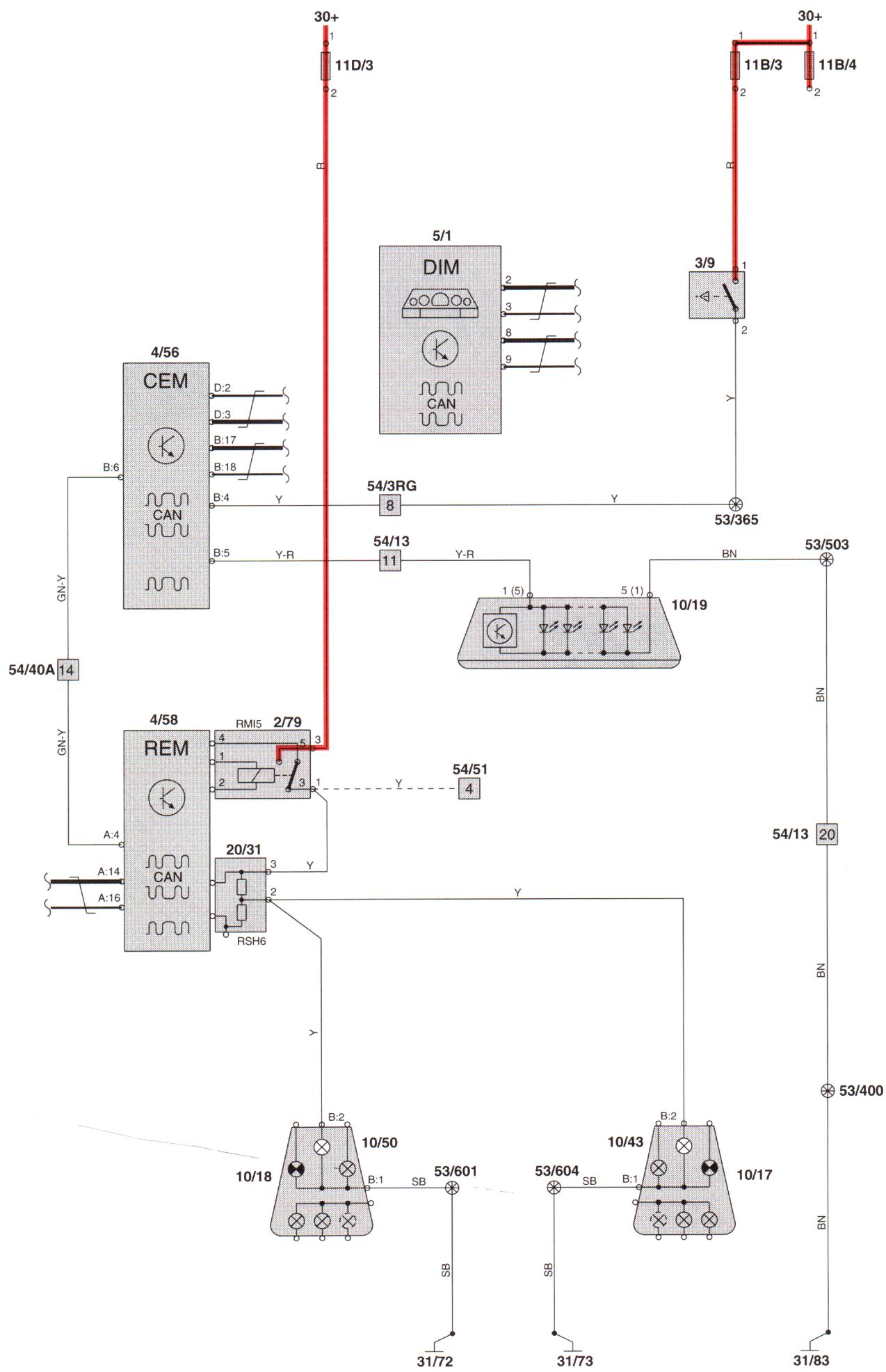
Fog lamp



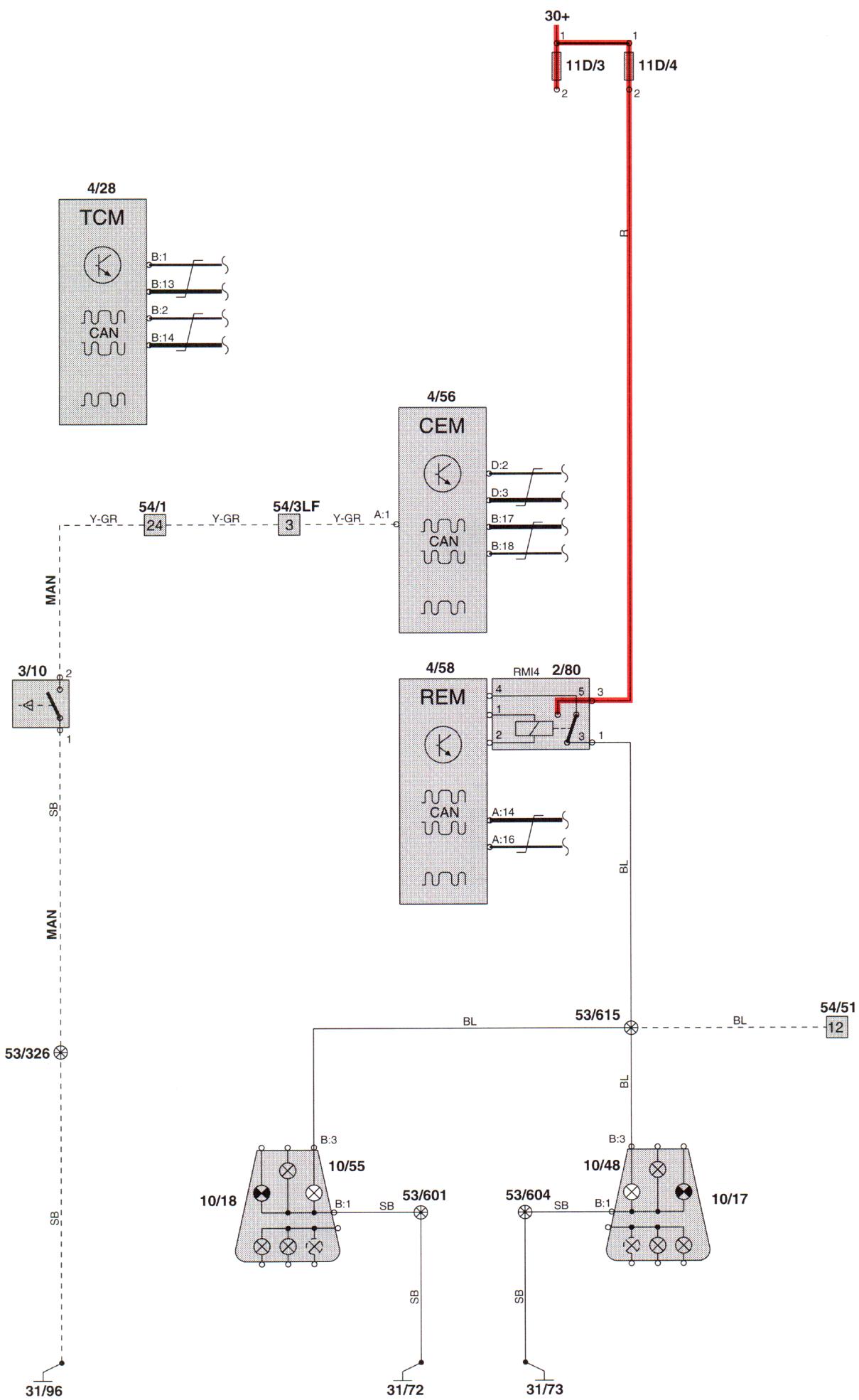
Parking lamps, tail lamps and license (number) plate lighting



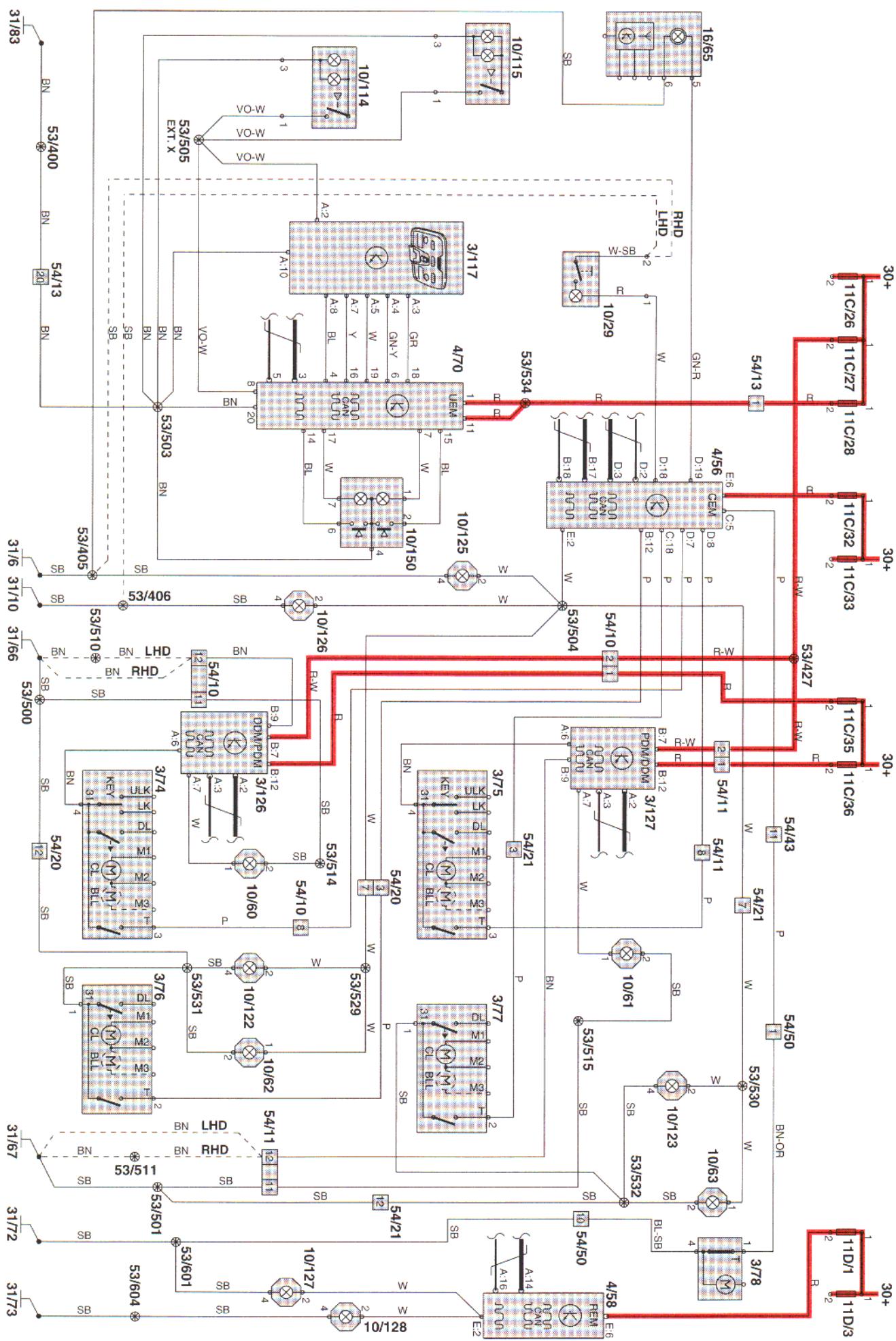
Brake (stop) lamps



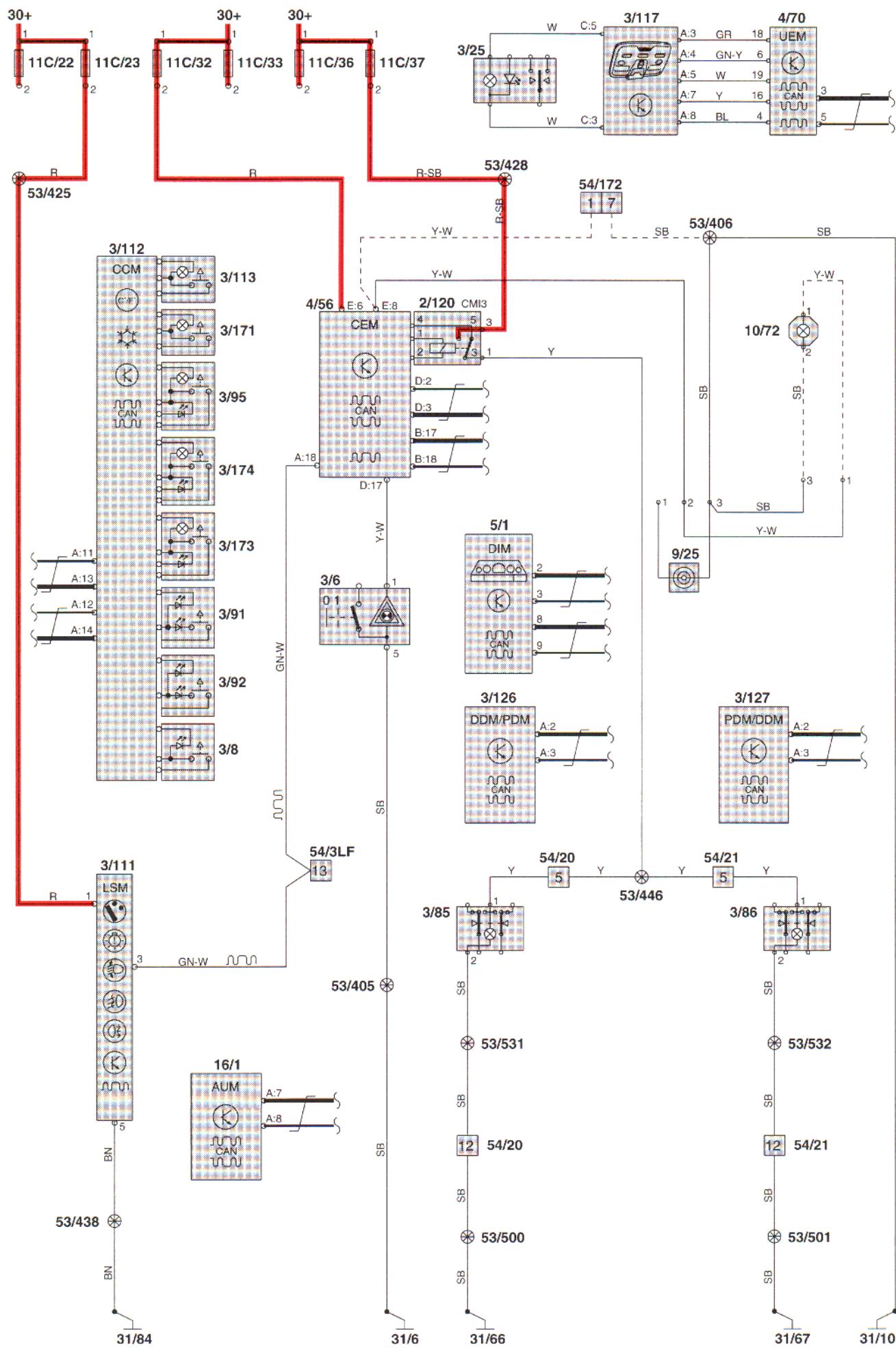
Reversing lamp



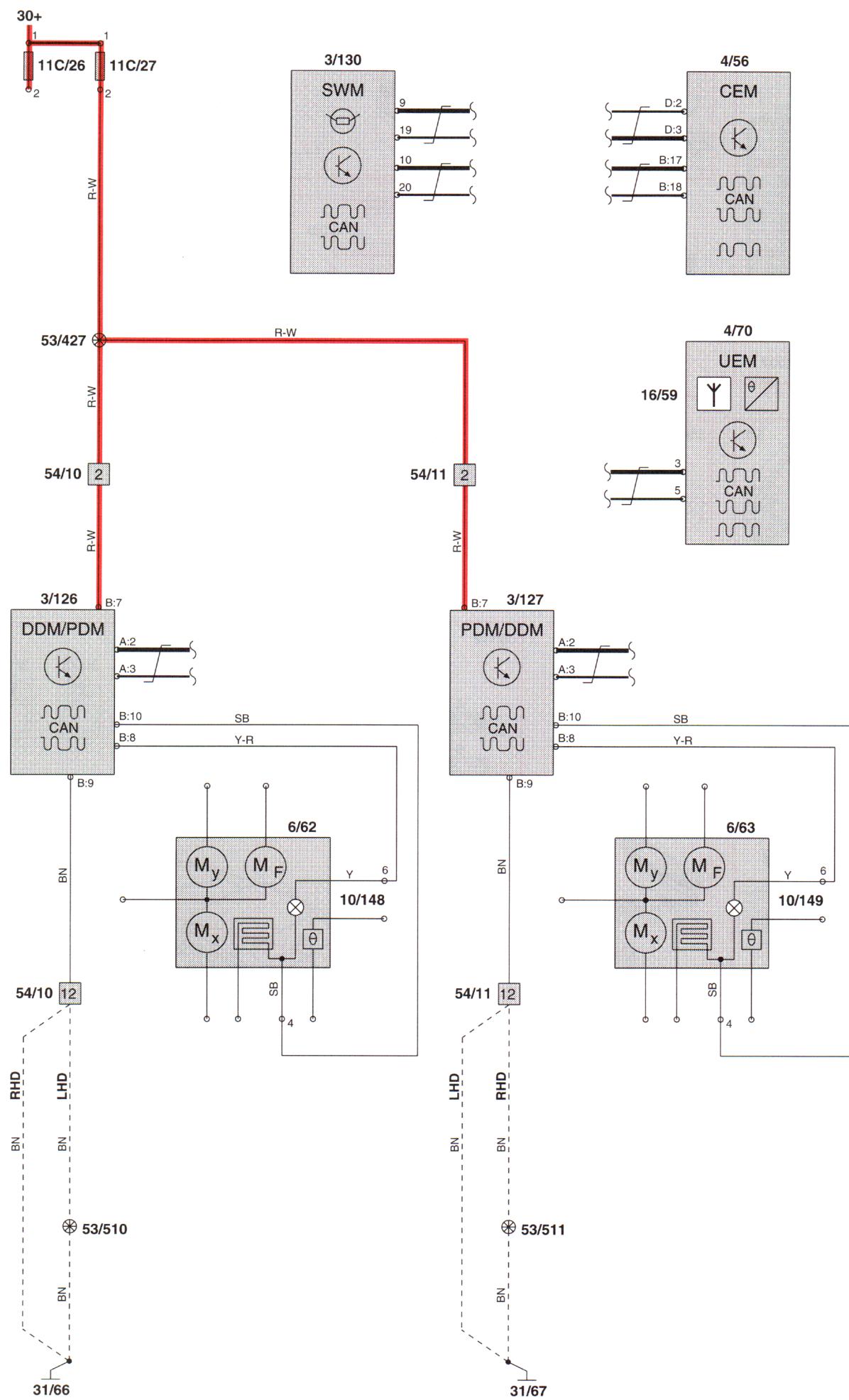
Interior lighting



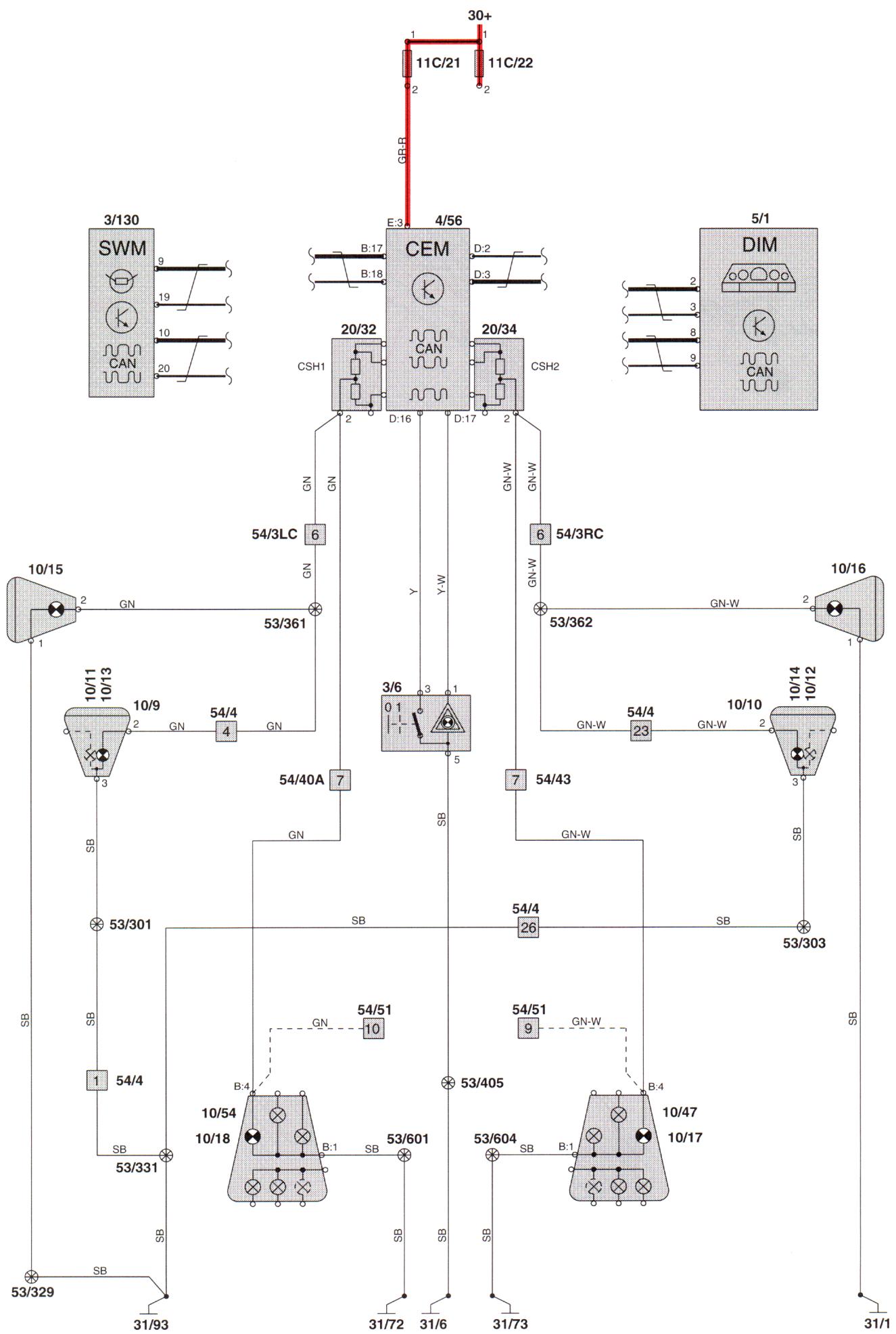
Instrument and control lighting



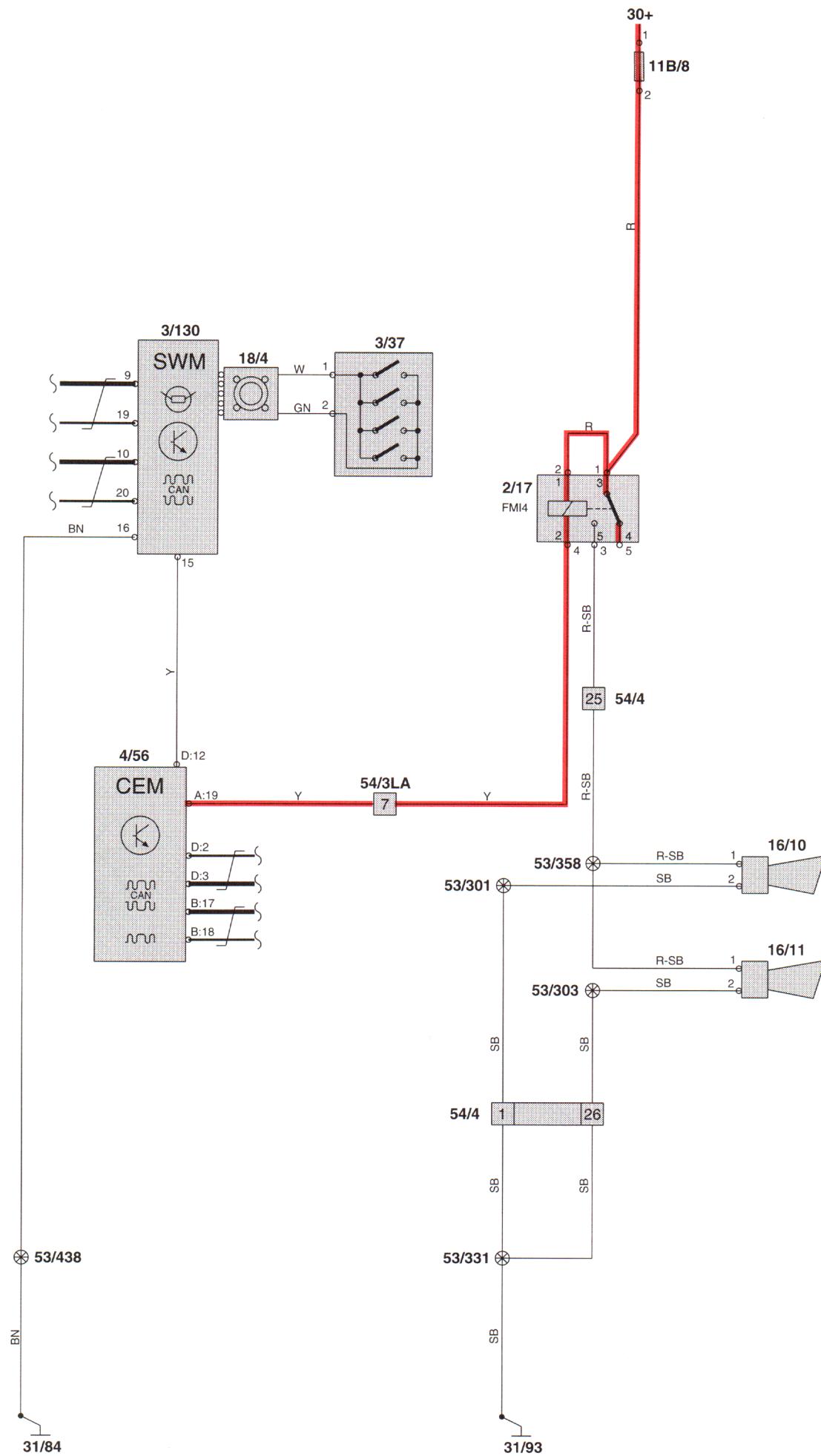
Interior lighting



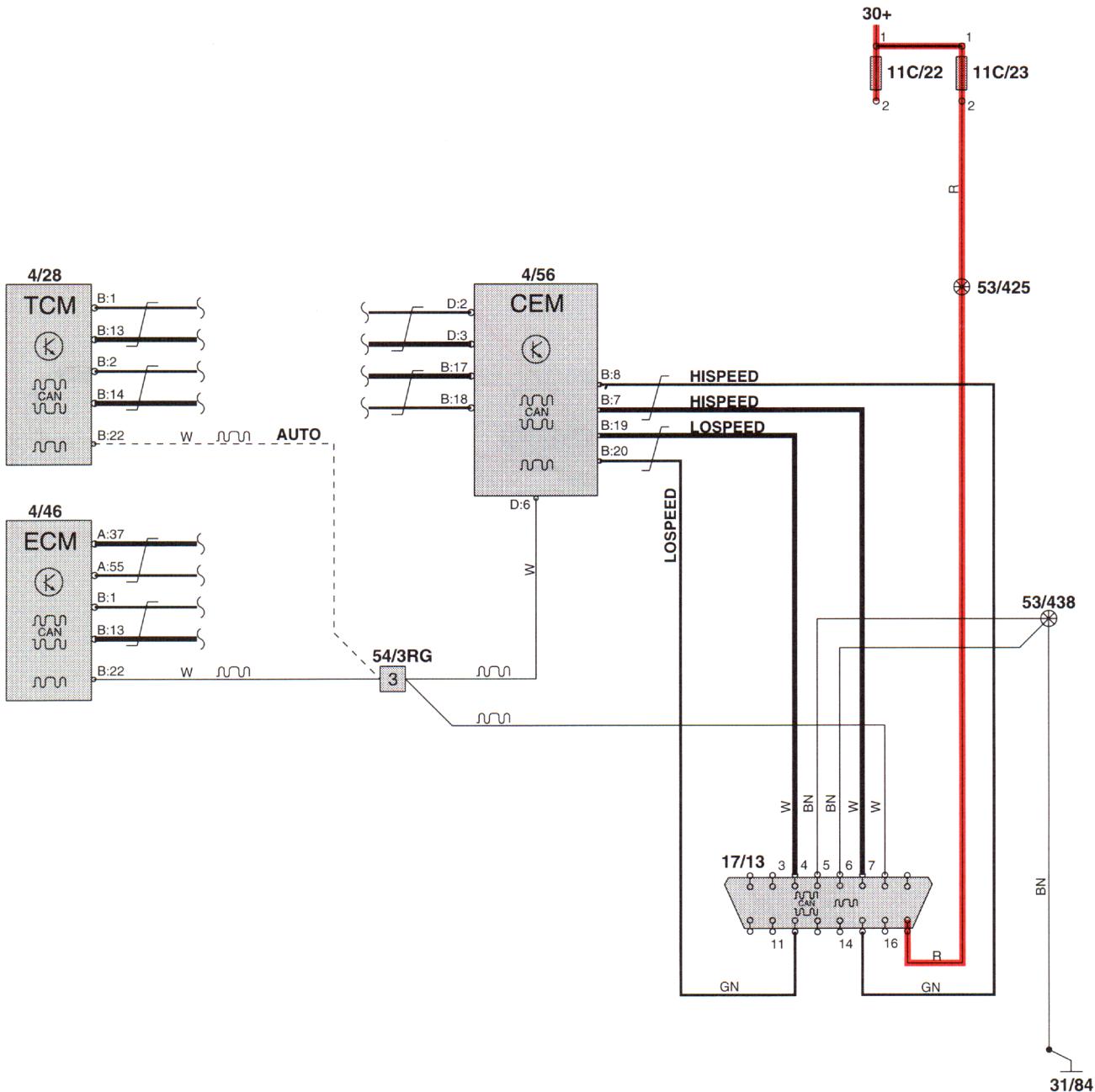
Turn signal lamps and hazard warning signal flashers



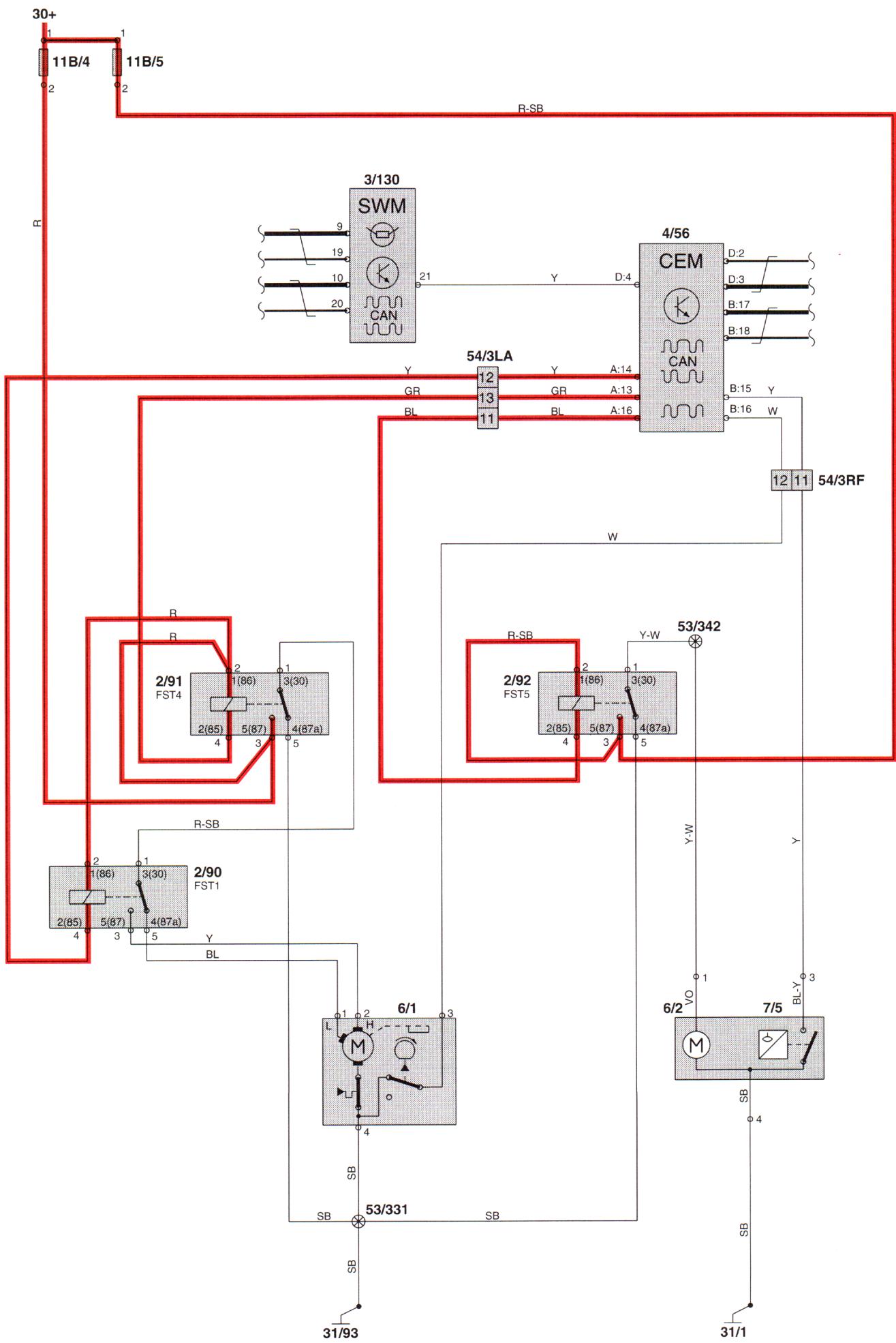
Signal horn



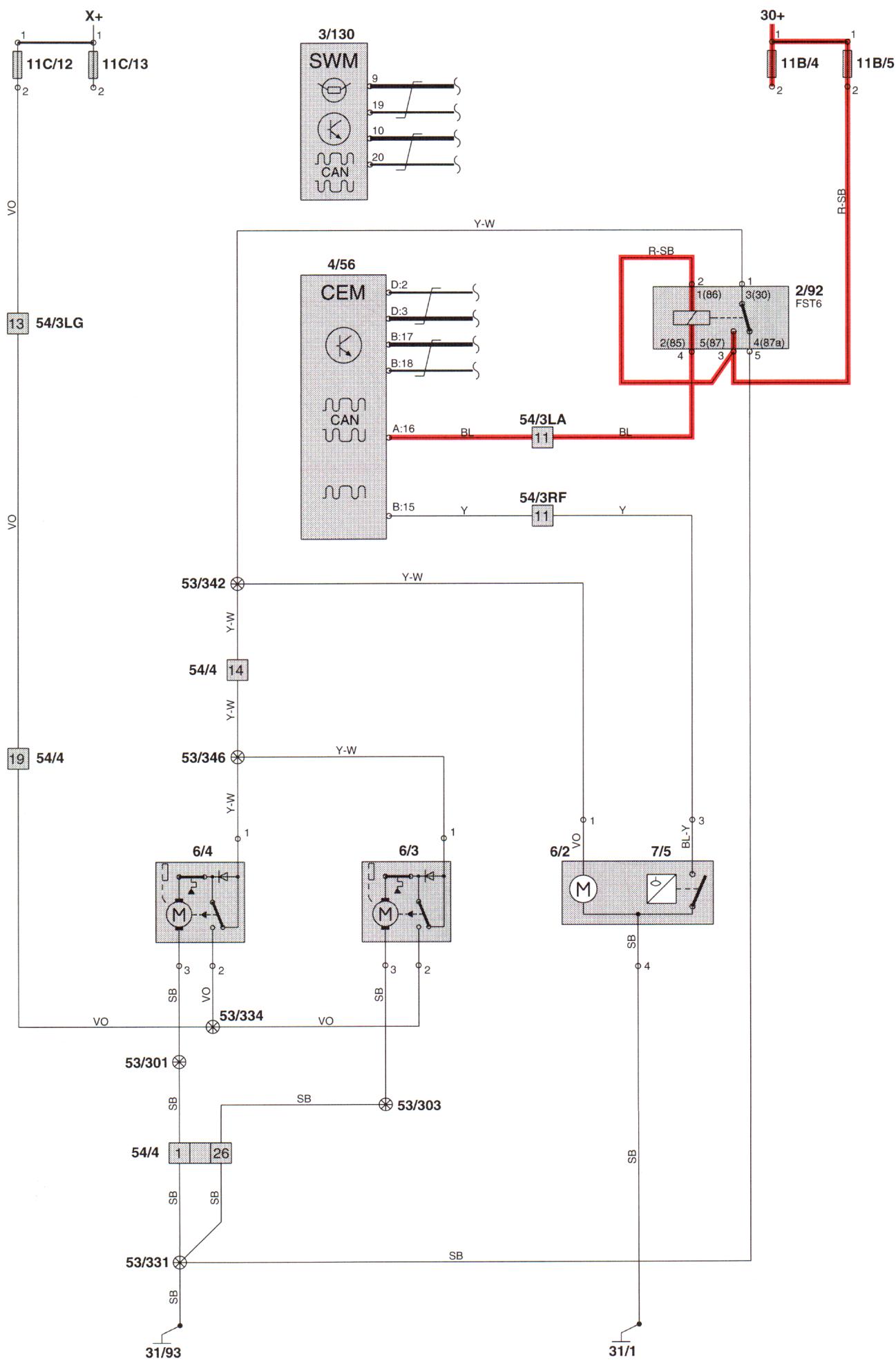
Diagnostics



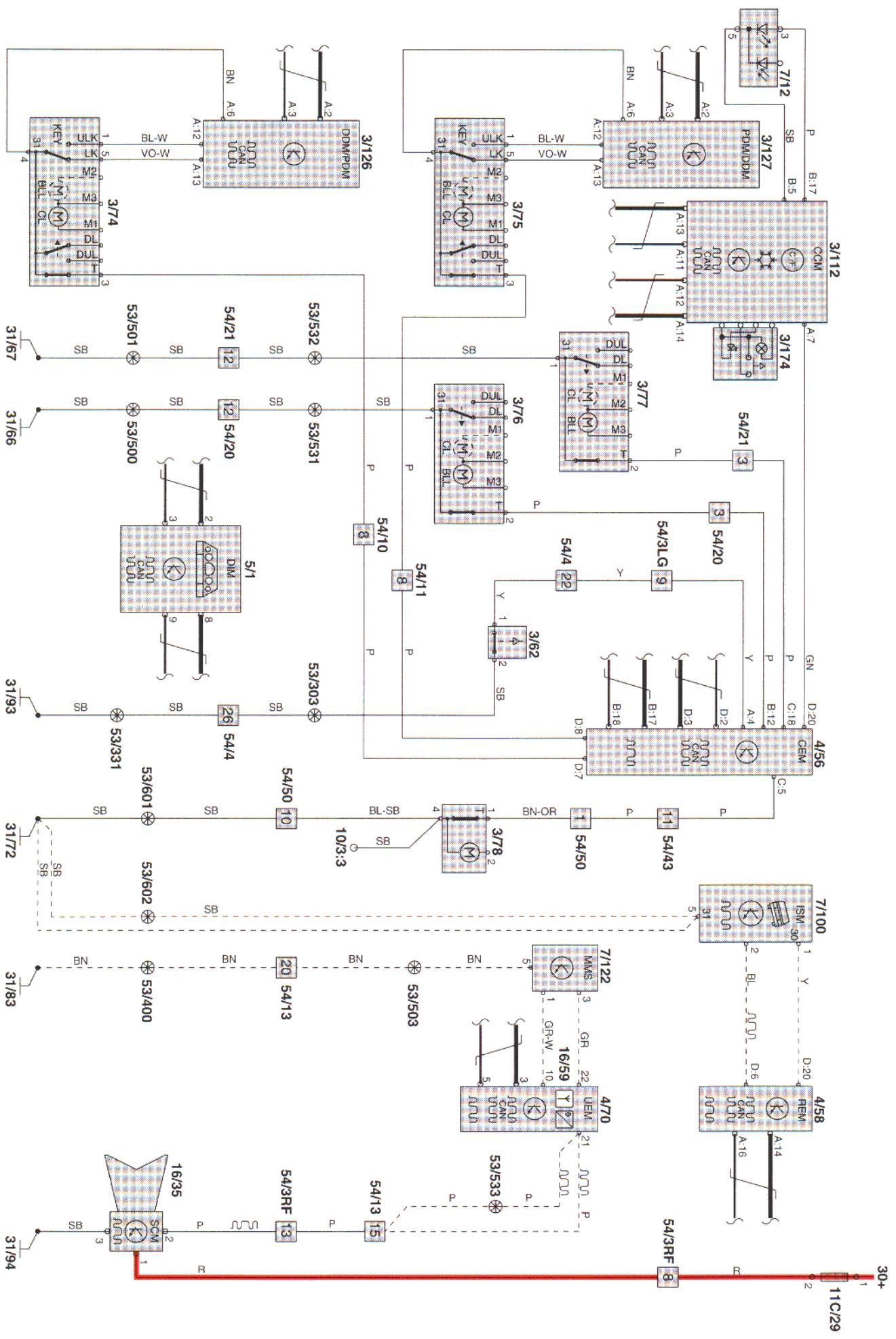
Wash/wipe Windshield



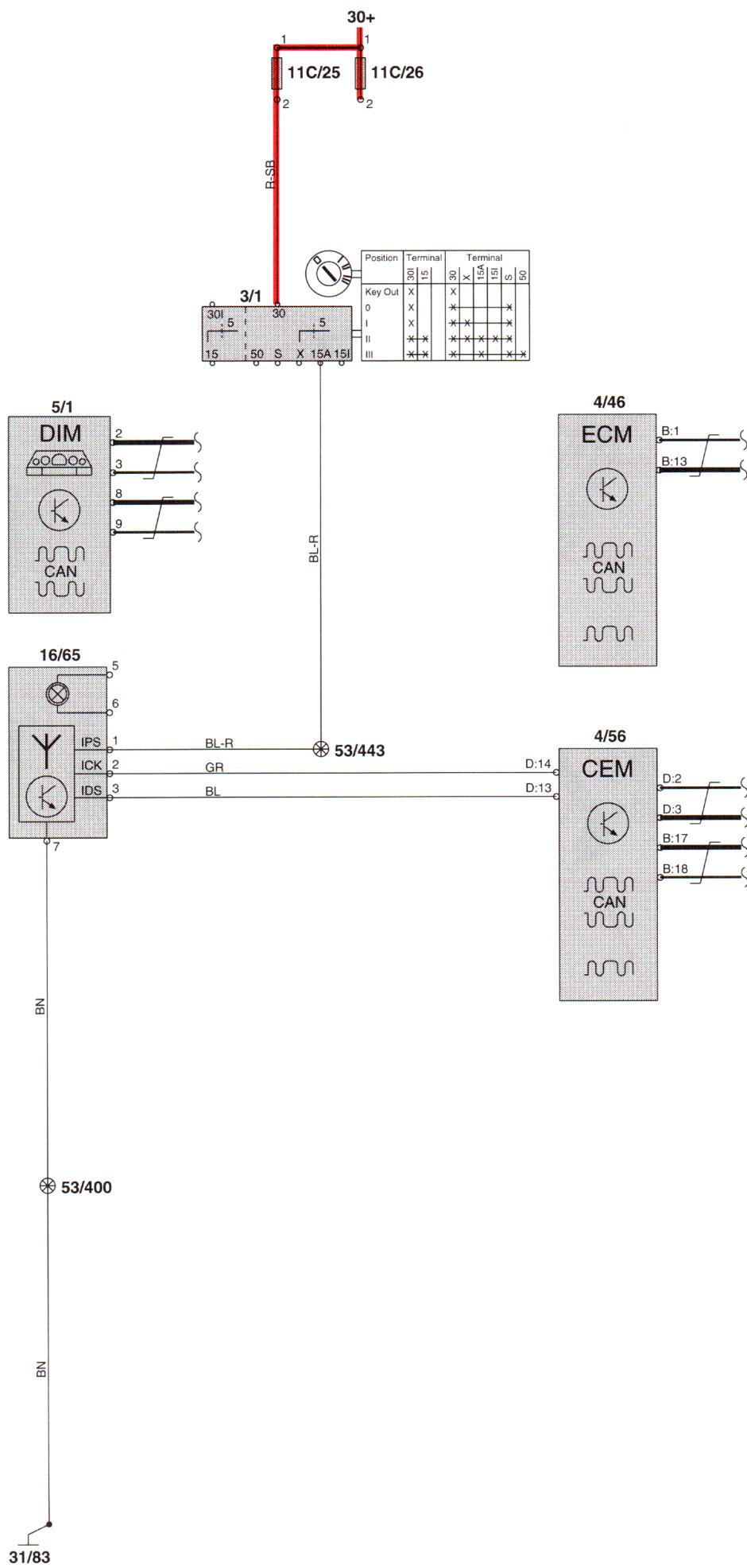
Wash/wipe Headlamp



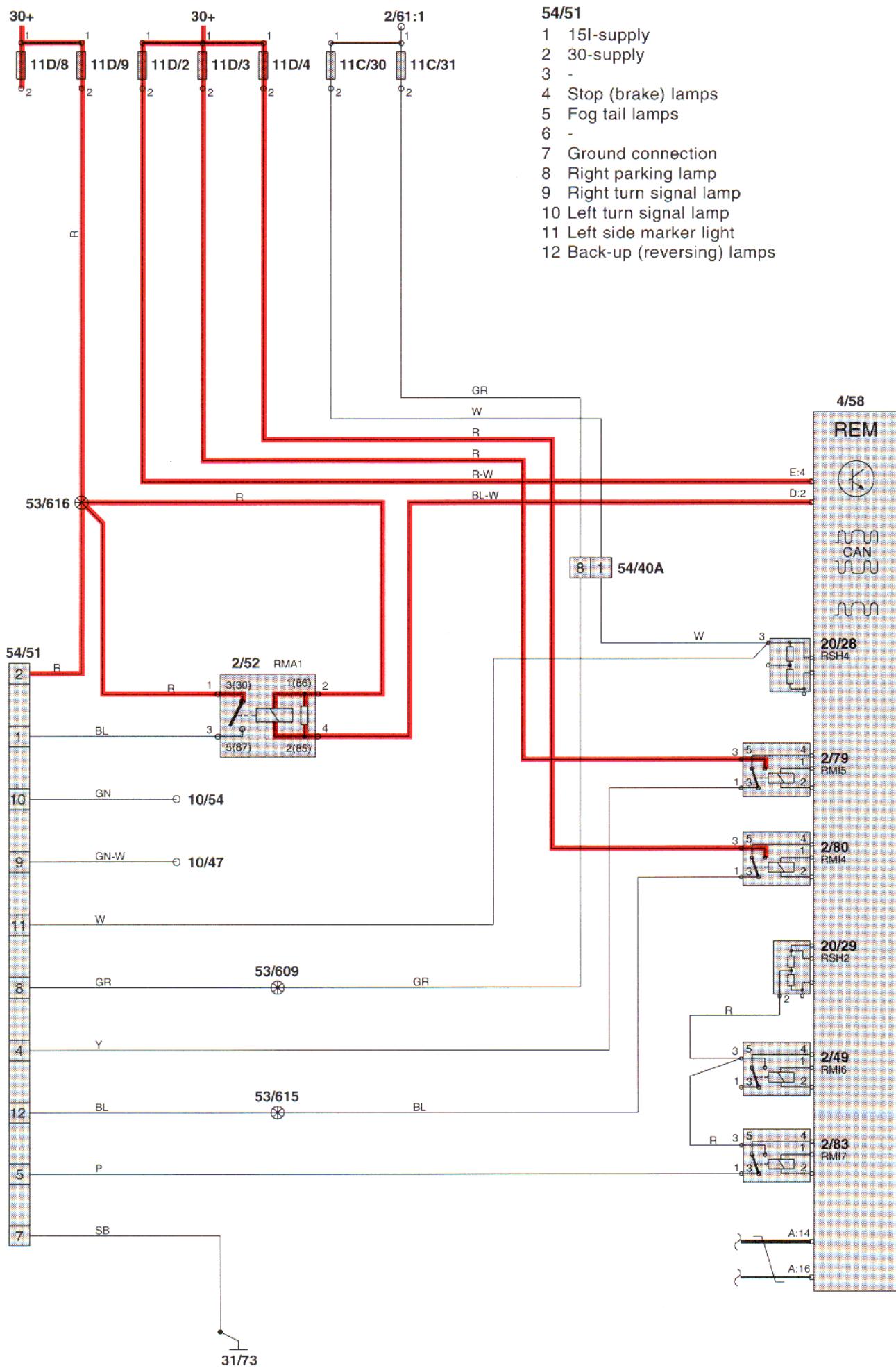
Anti-theft alarm



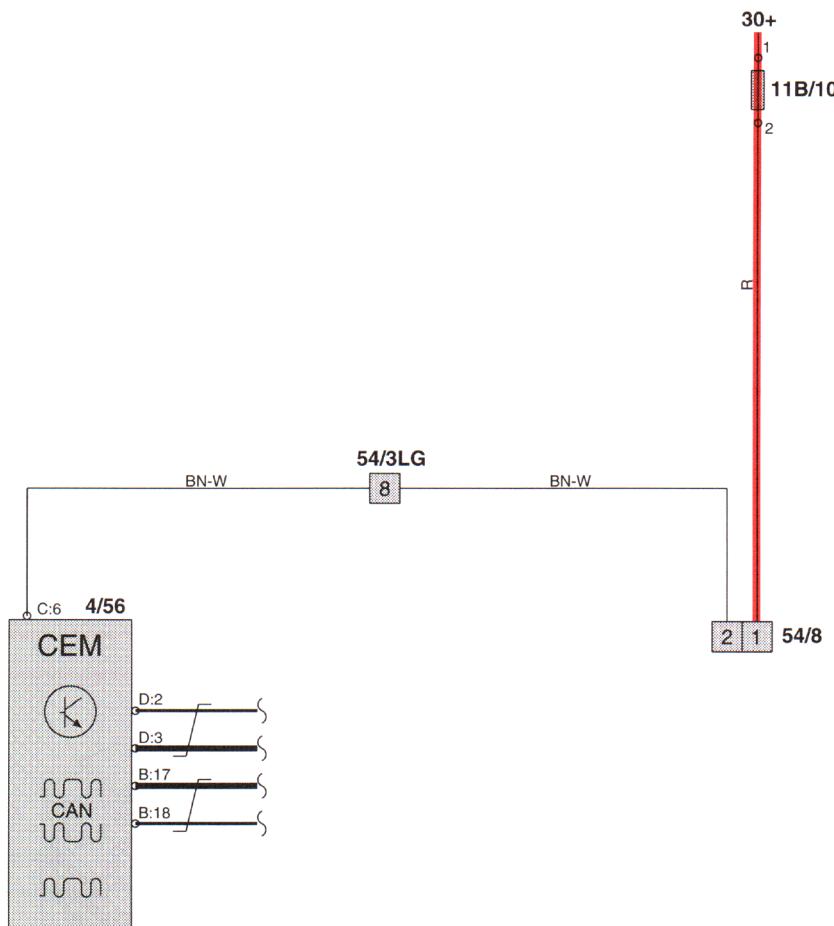
Immobilizer



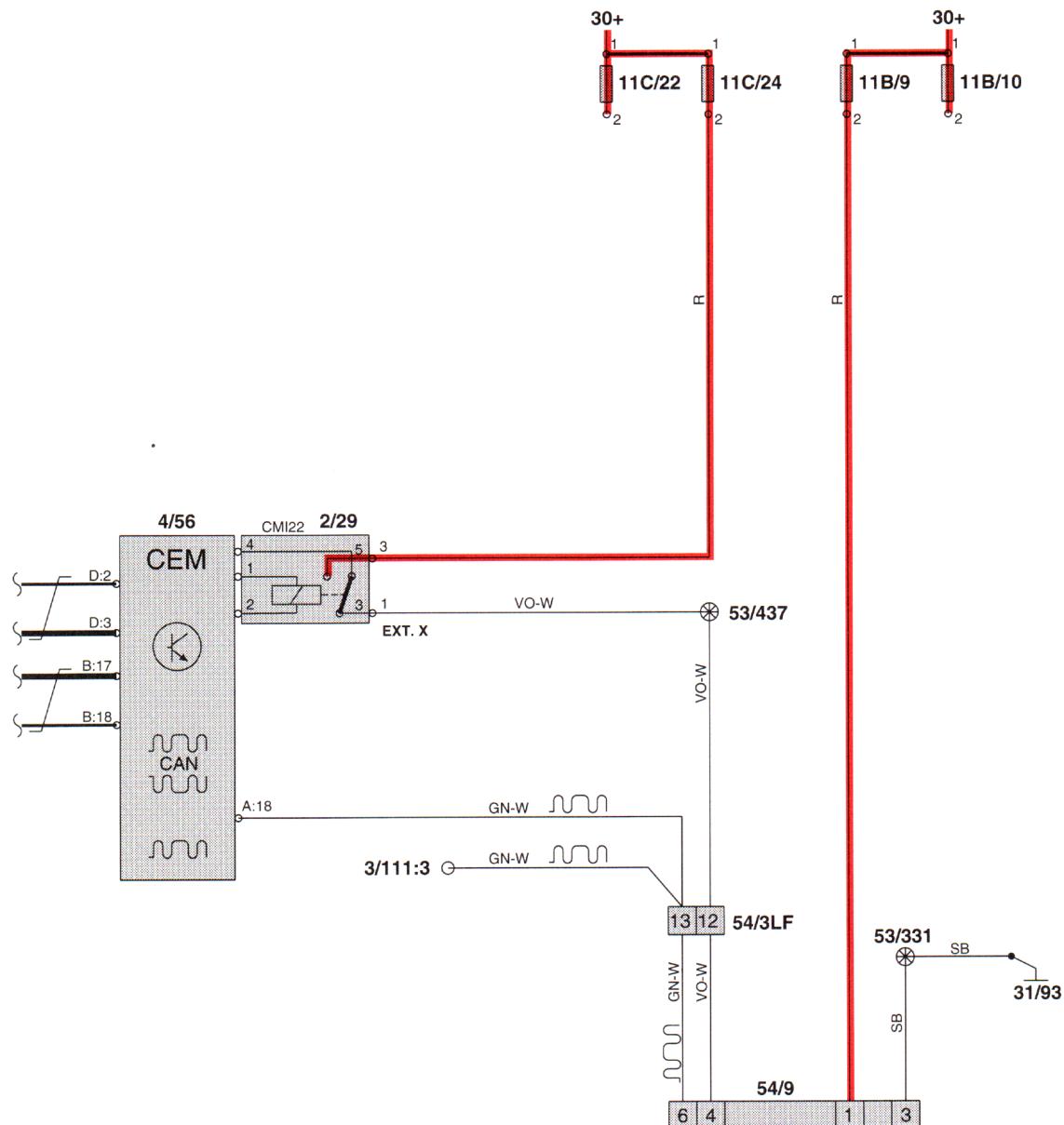
Tow hitch wiring



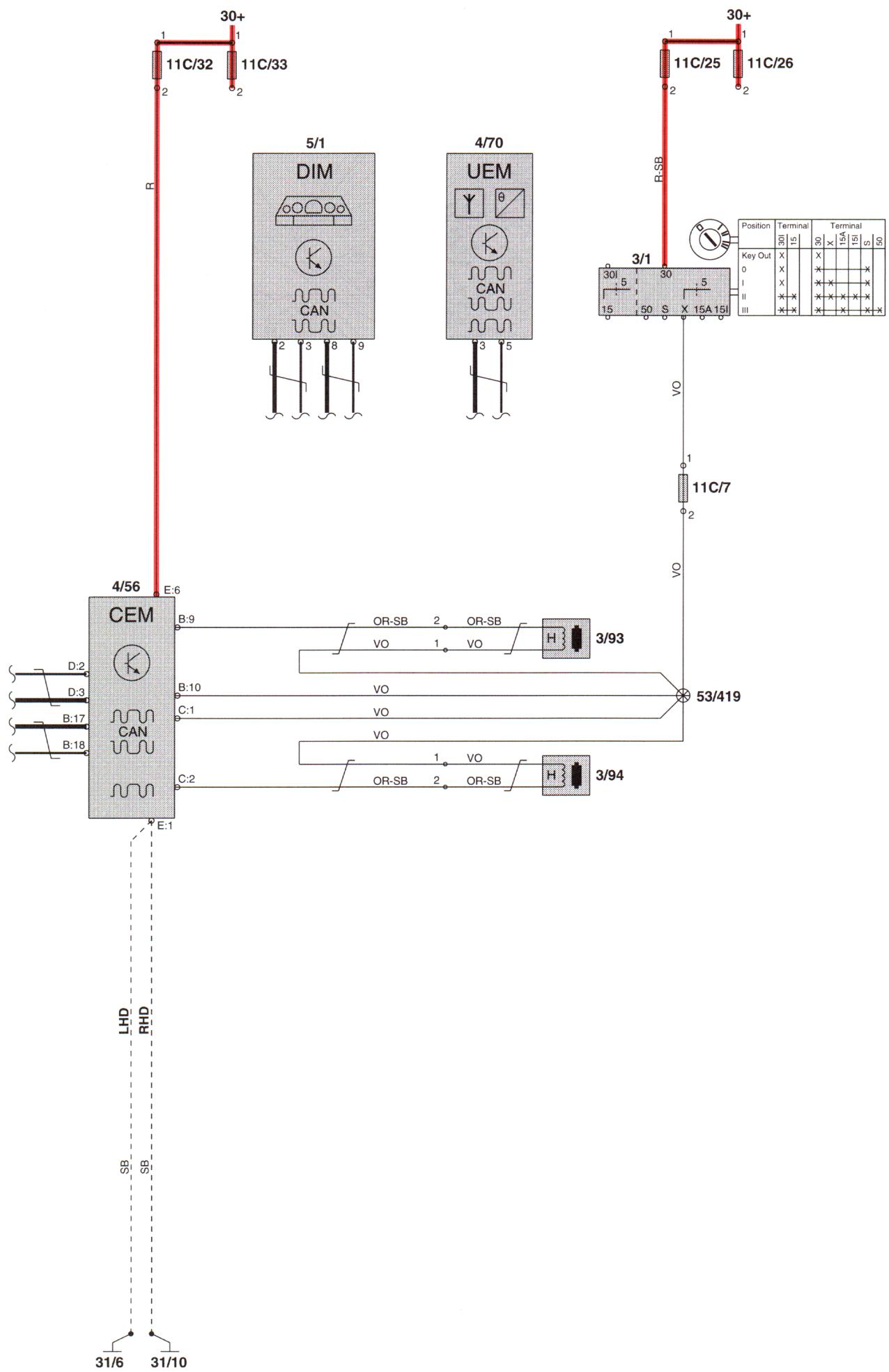
Auxiliary lamp wiring



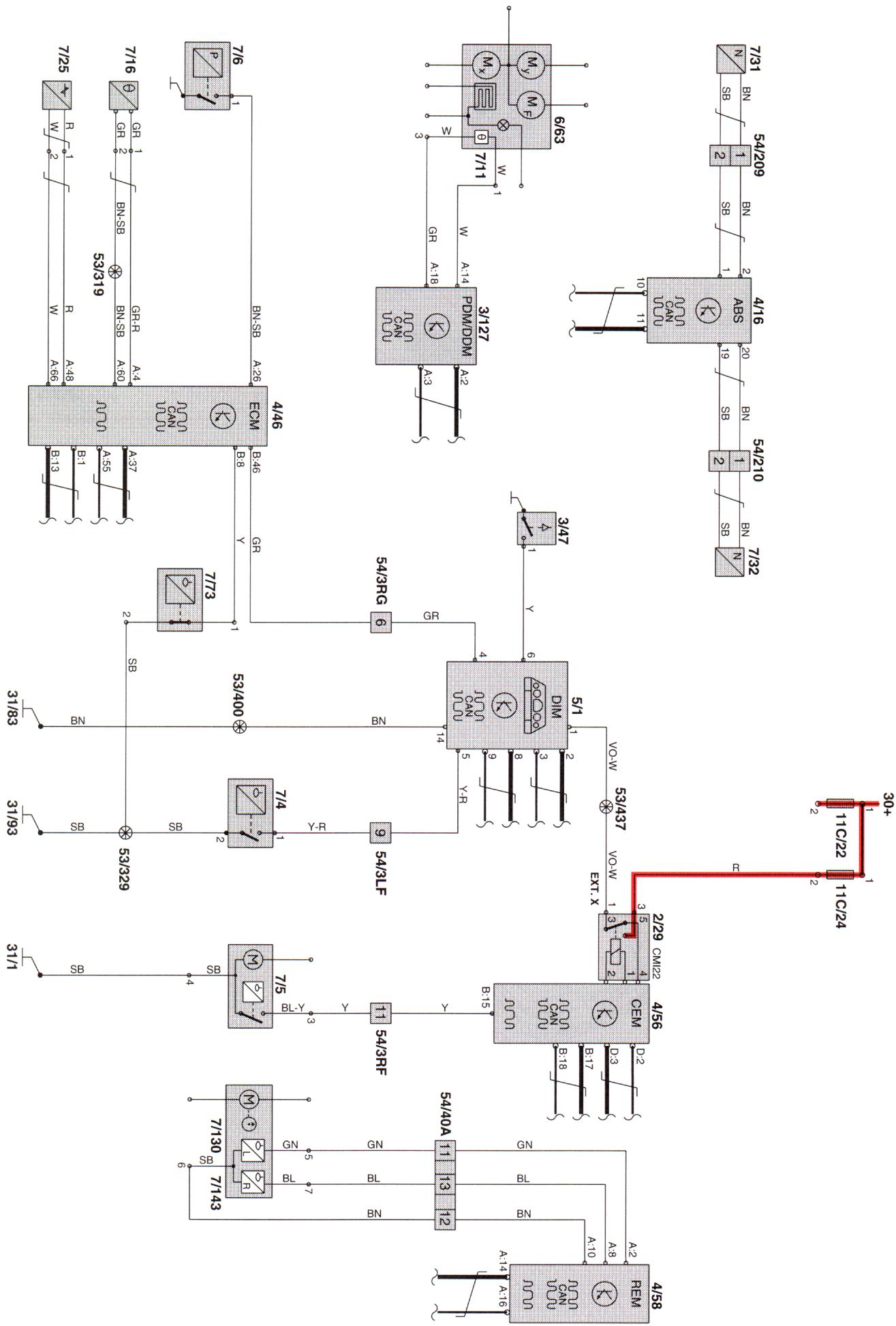
Parking heater



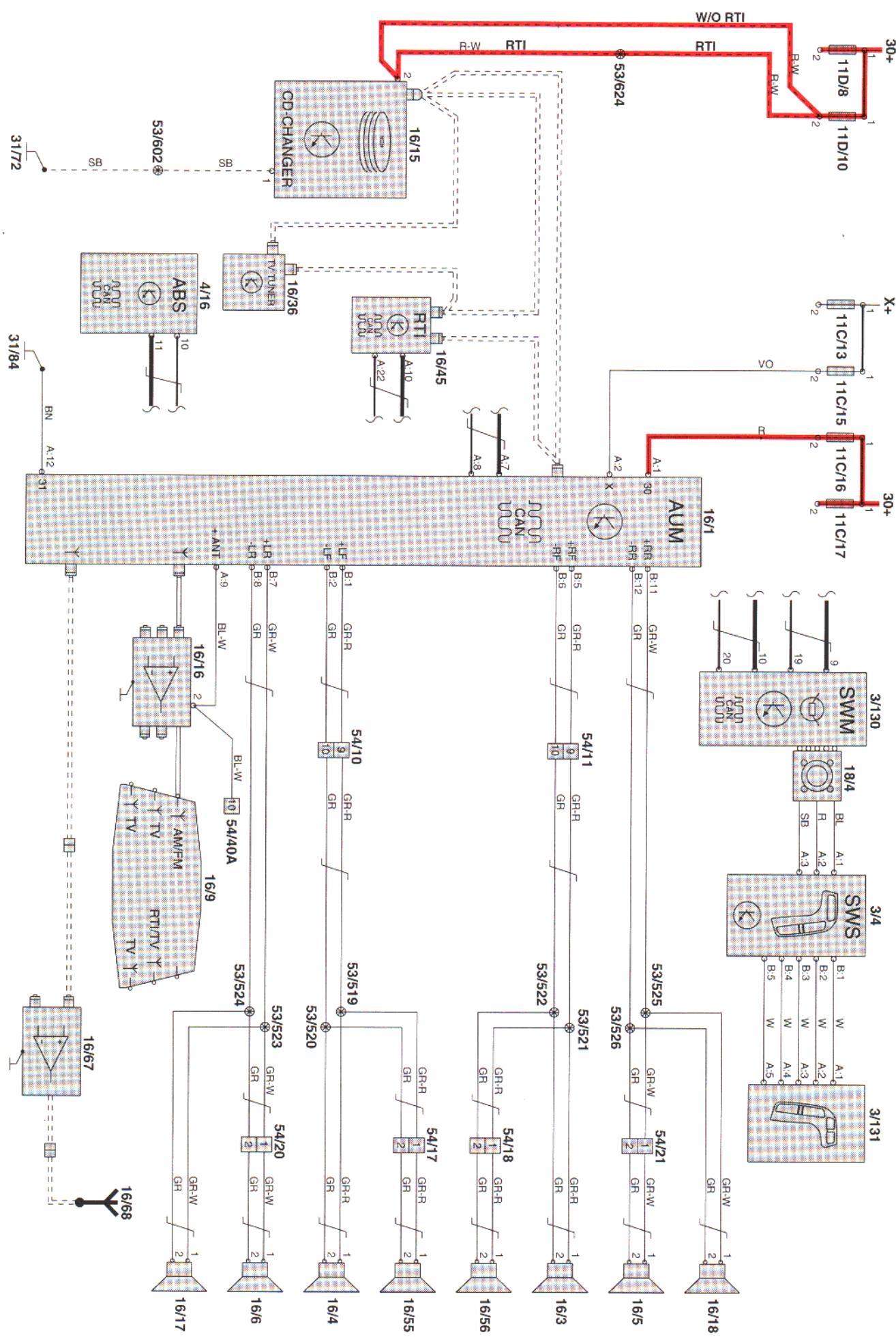
Seat belt reminder



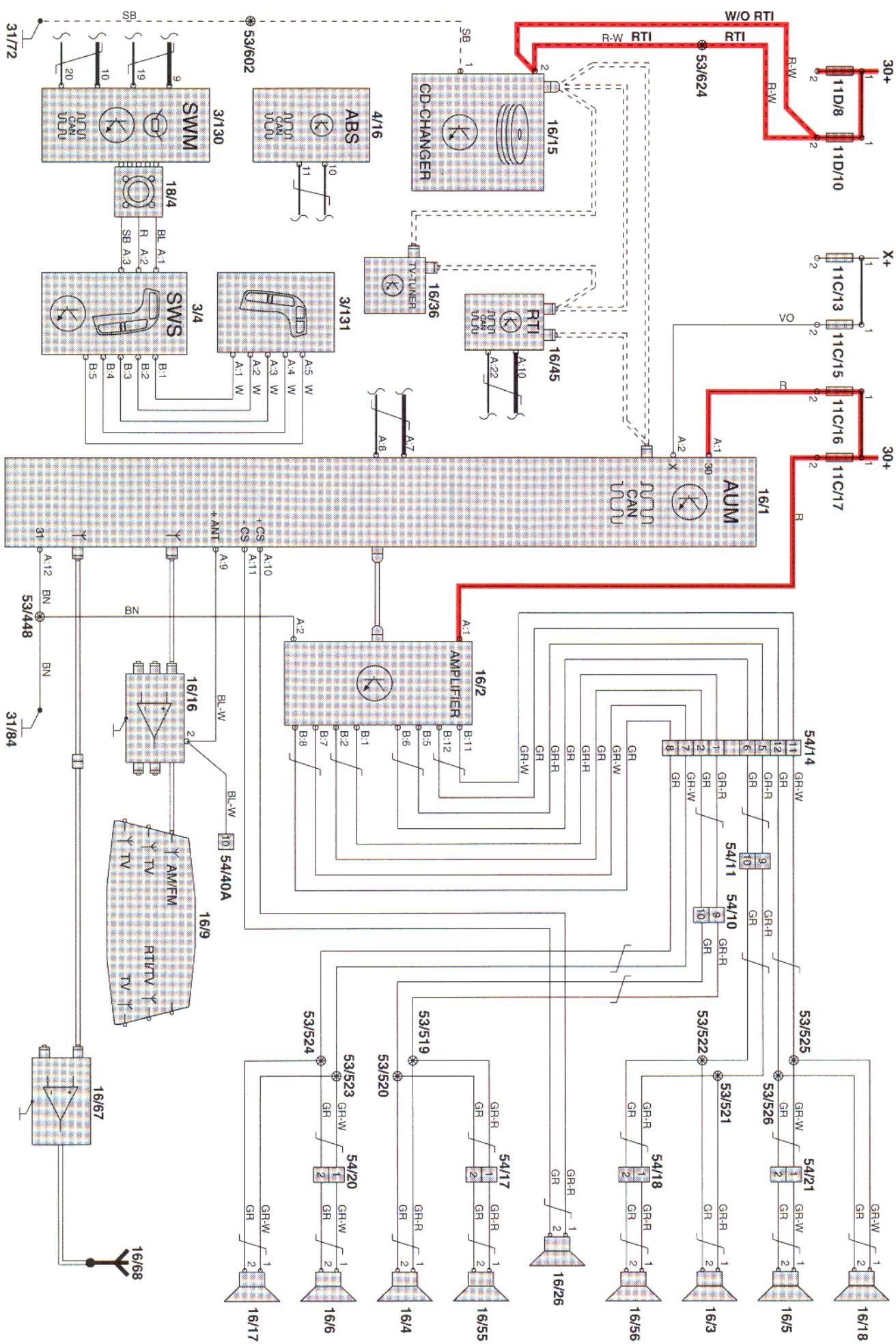
Combined instrument panel



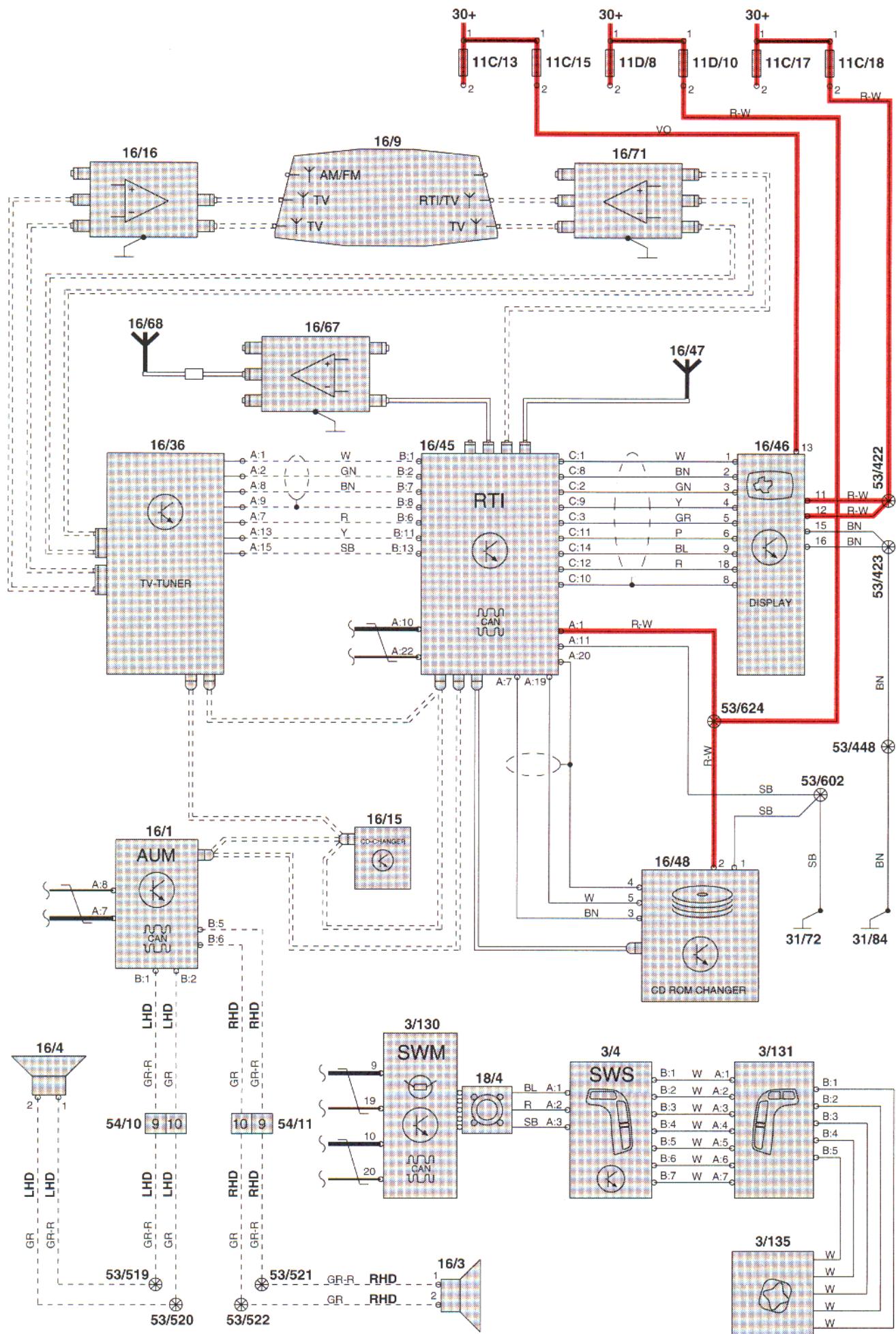
Radio Without extra amplifier



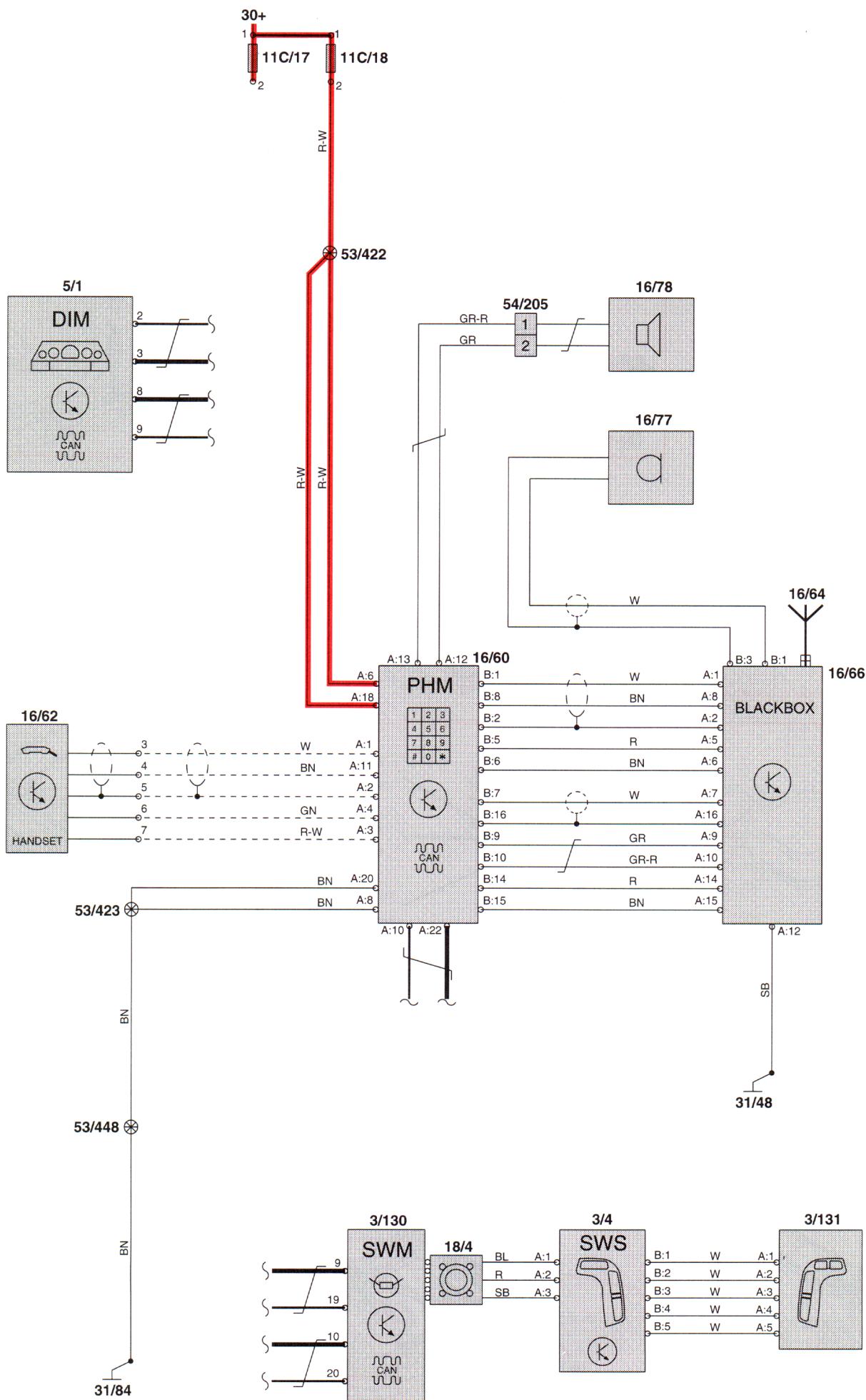
Radio Without extra amplifier



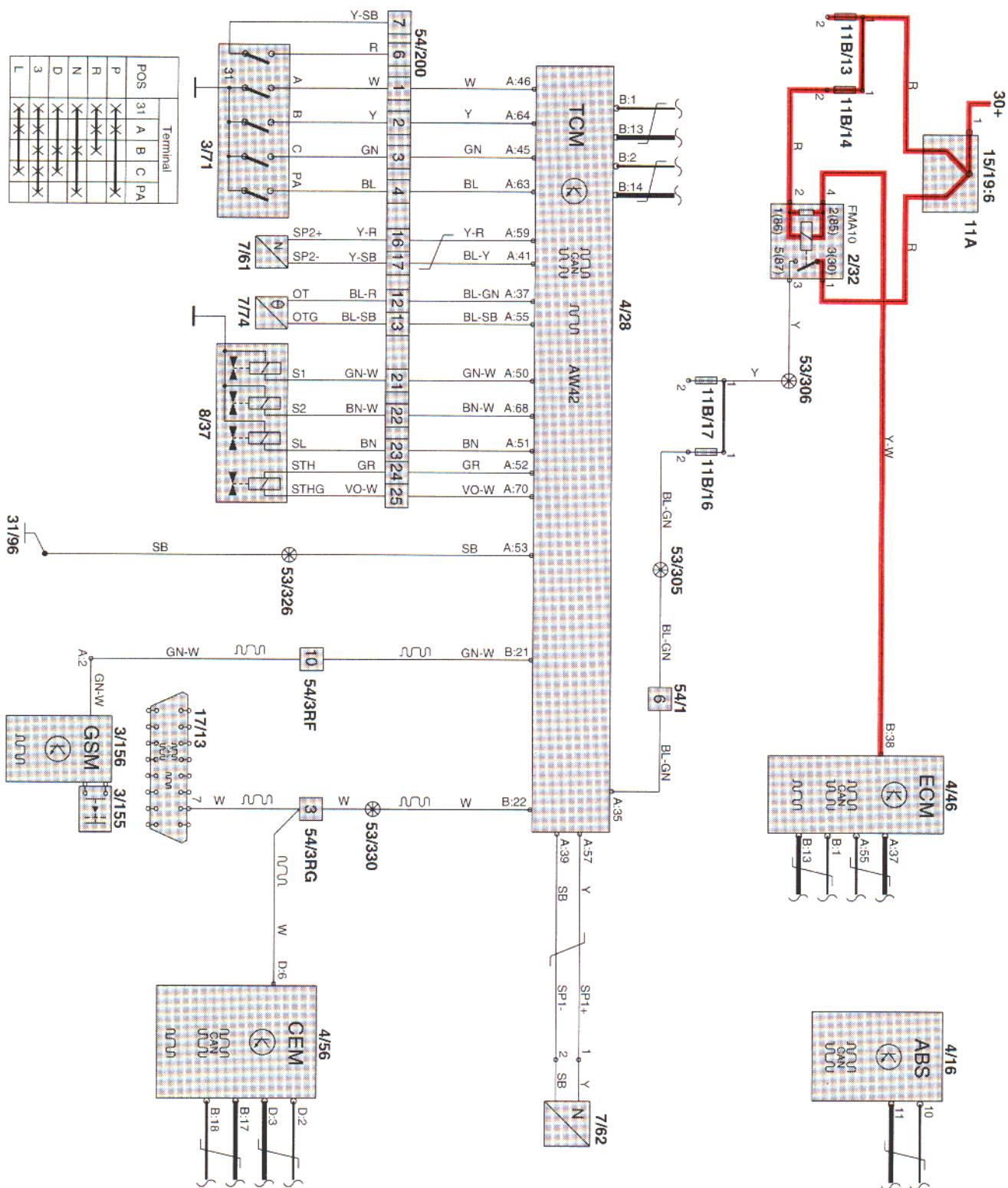
RTI Road Traffic Information



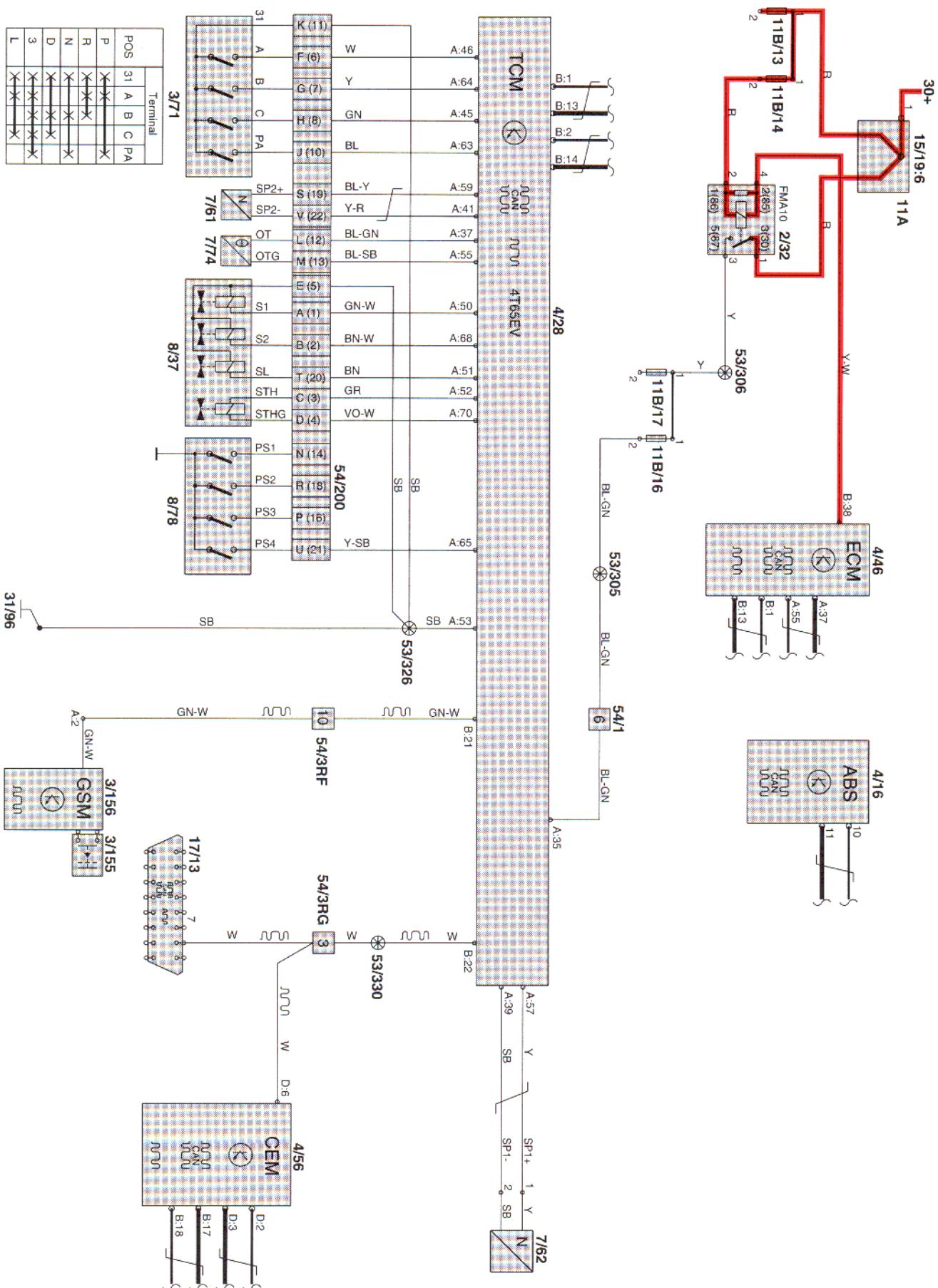
Carphone

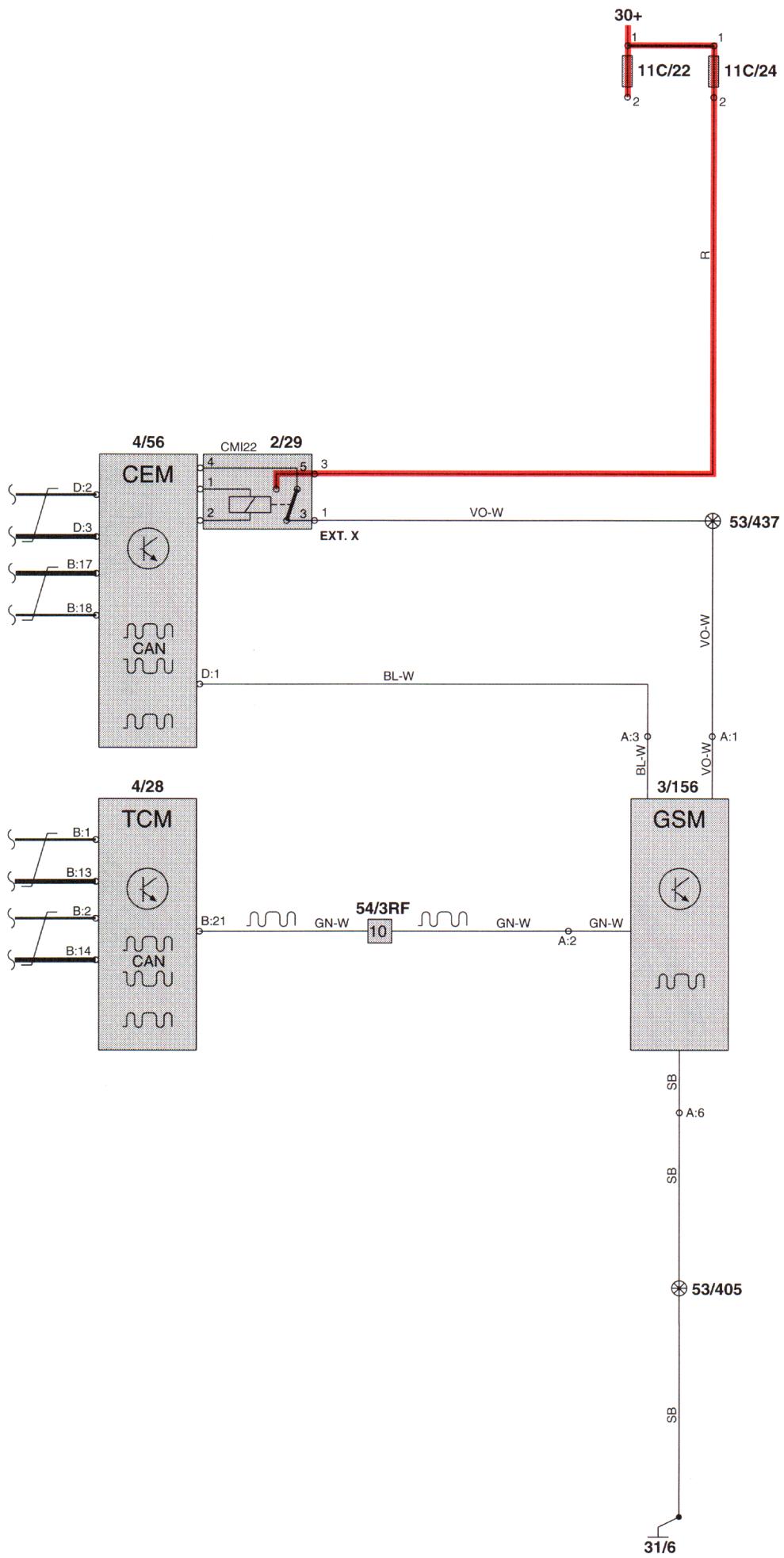


Automatic transmission AW42

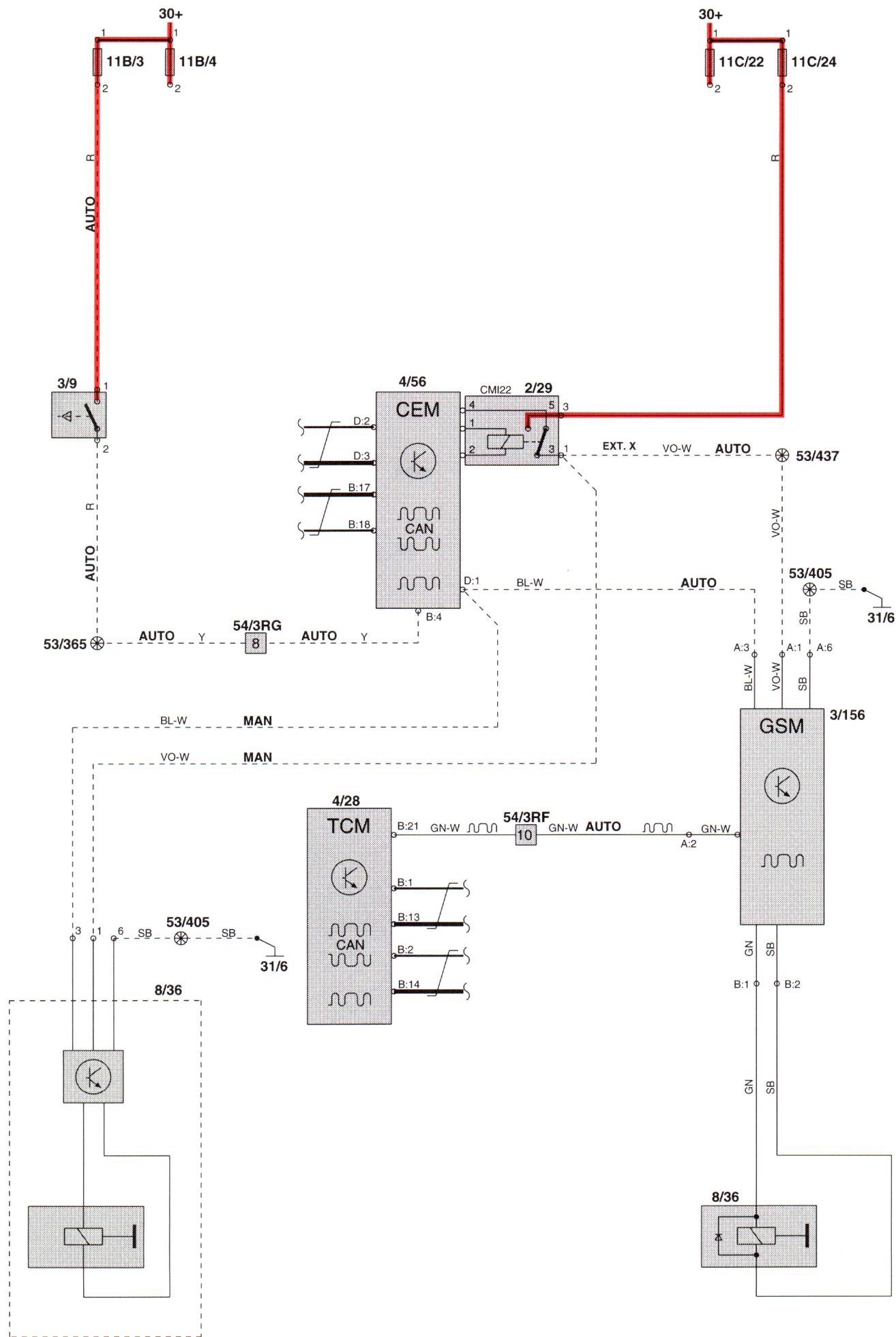


Automatic transmission 4T65EV





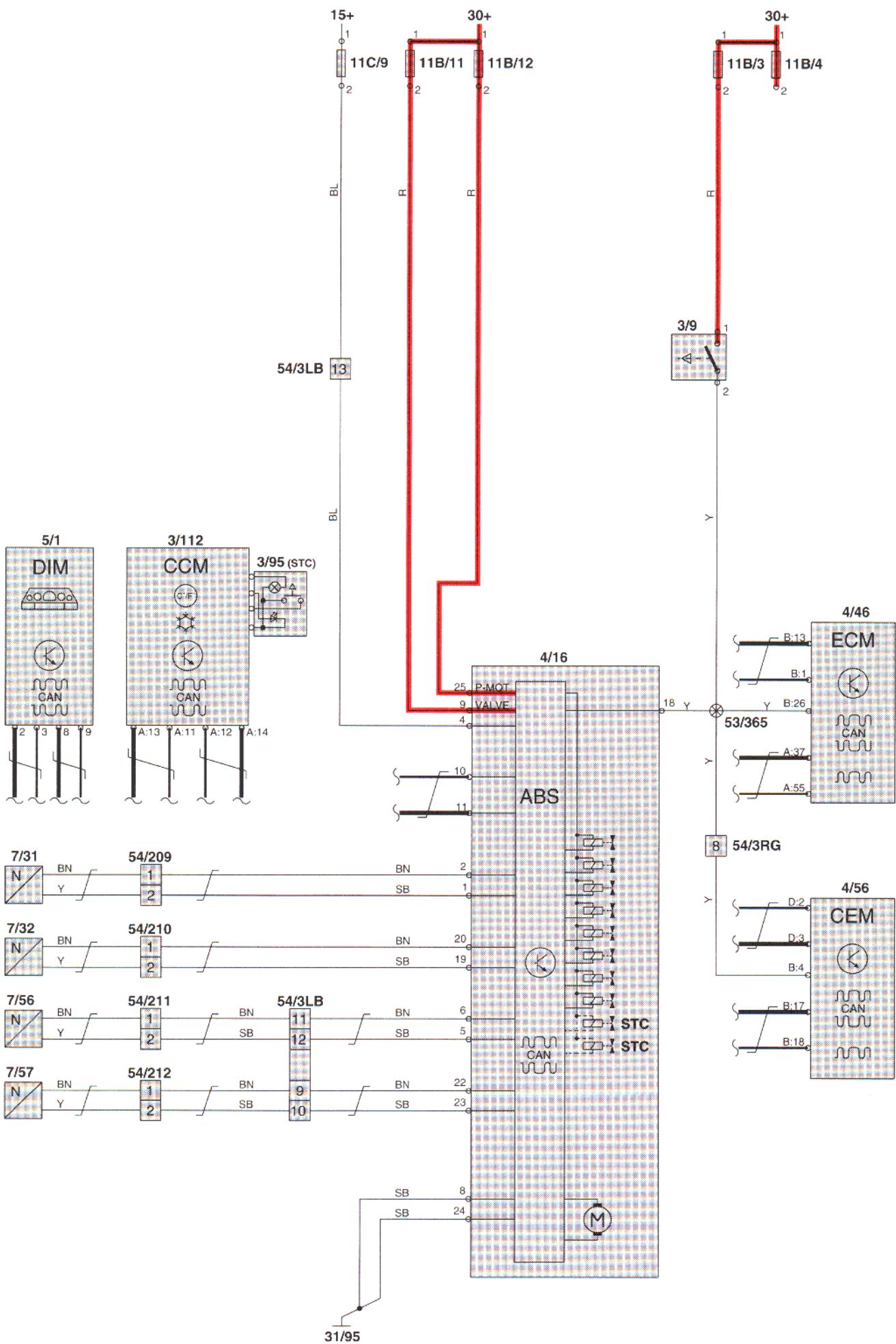
Shift lock



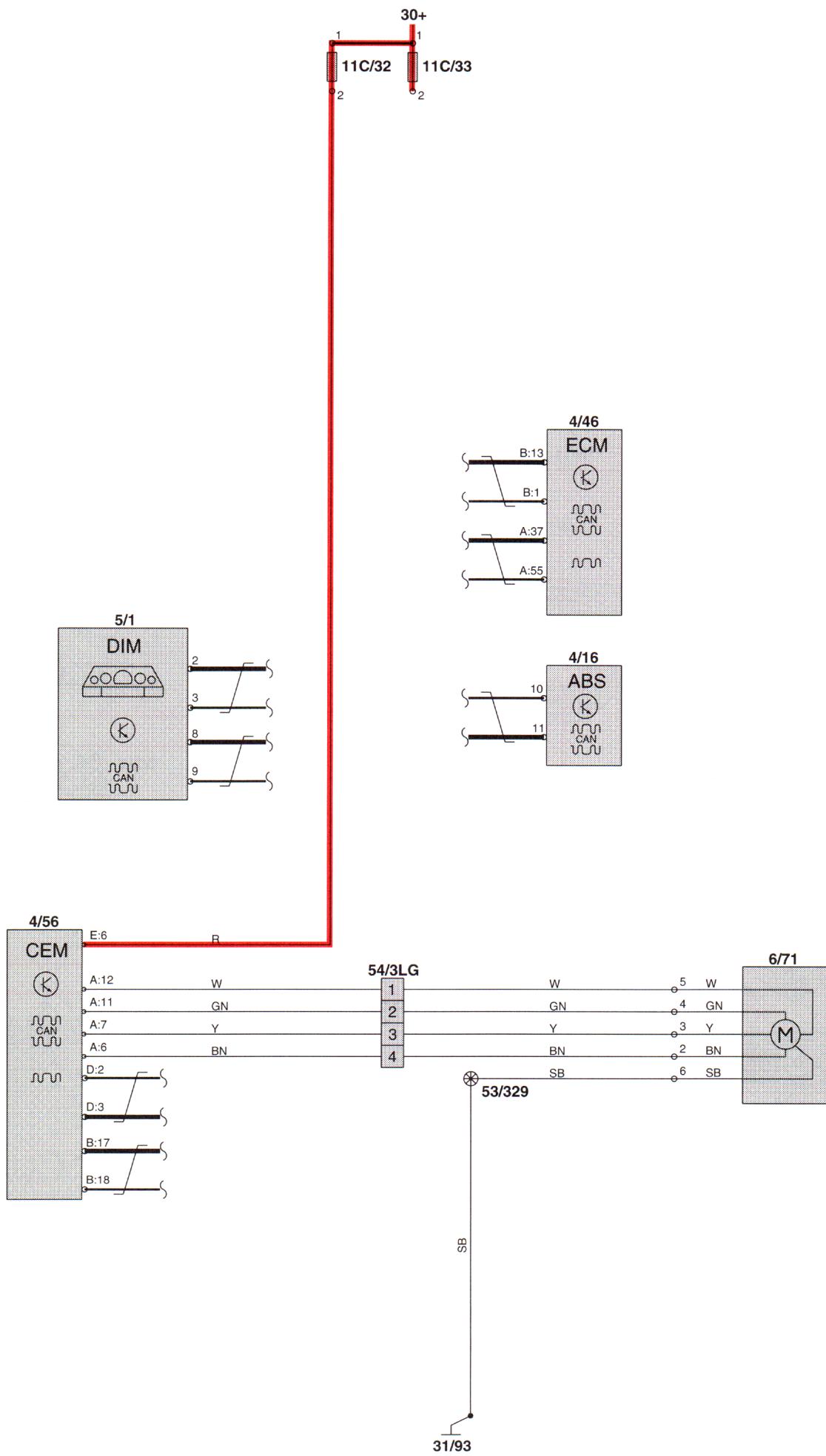
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SRS Supplemental Restraint System	198
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Follow-ups	last page of this manual

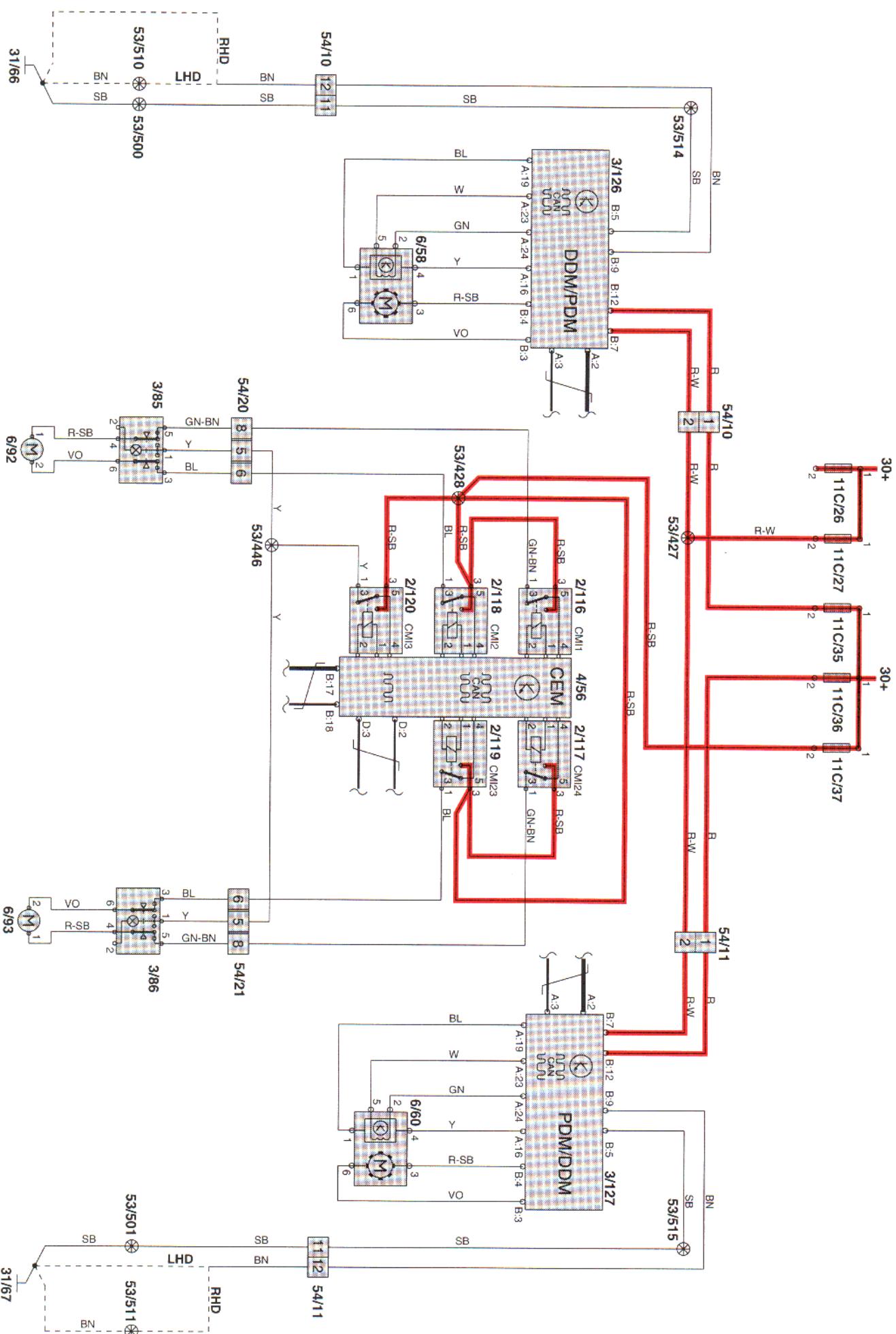
ABS brake system and STC



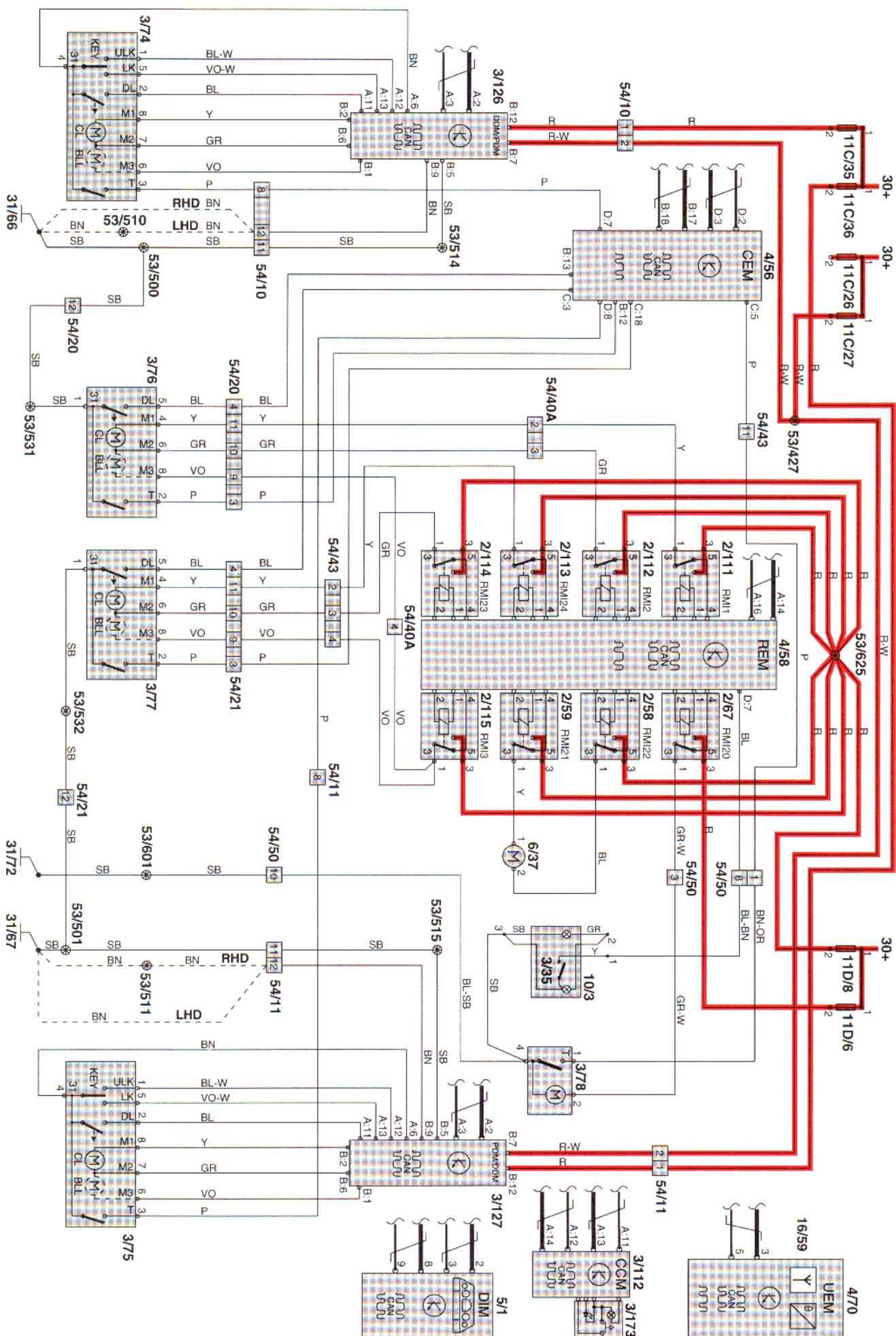
Electronic power steering



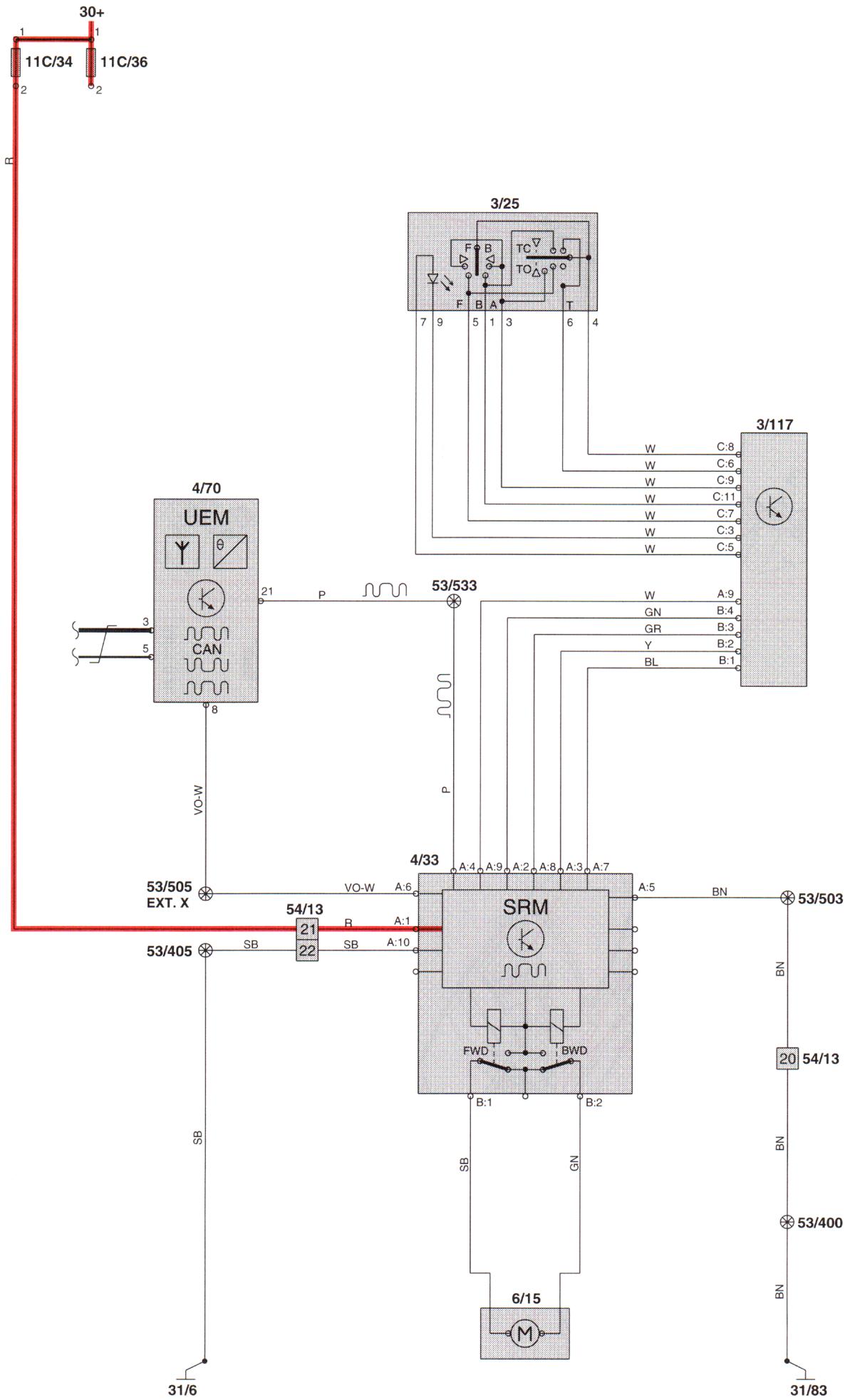
Power windows



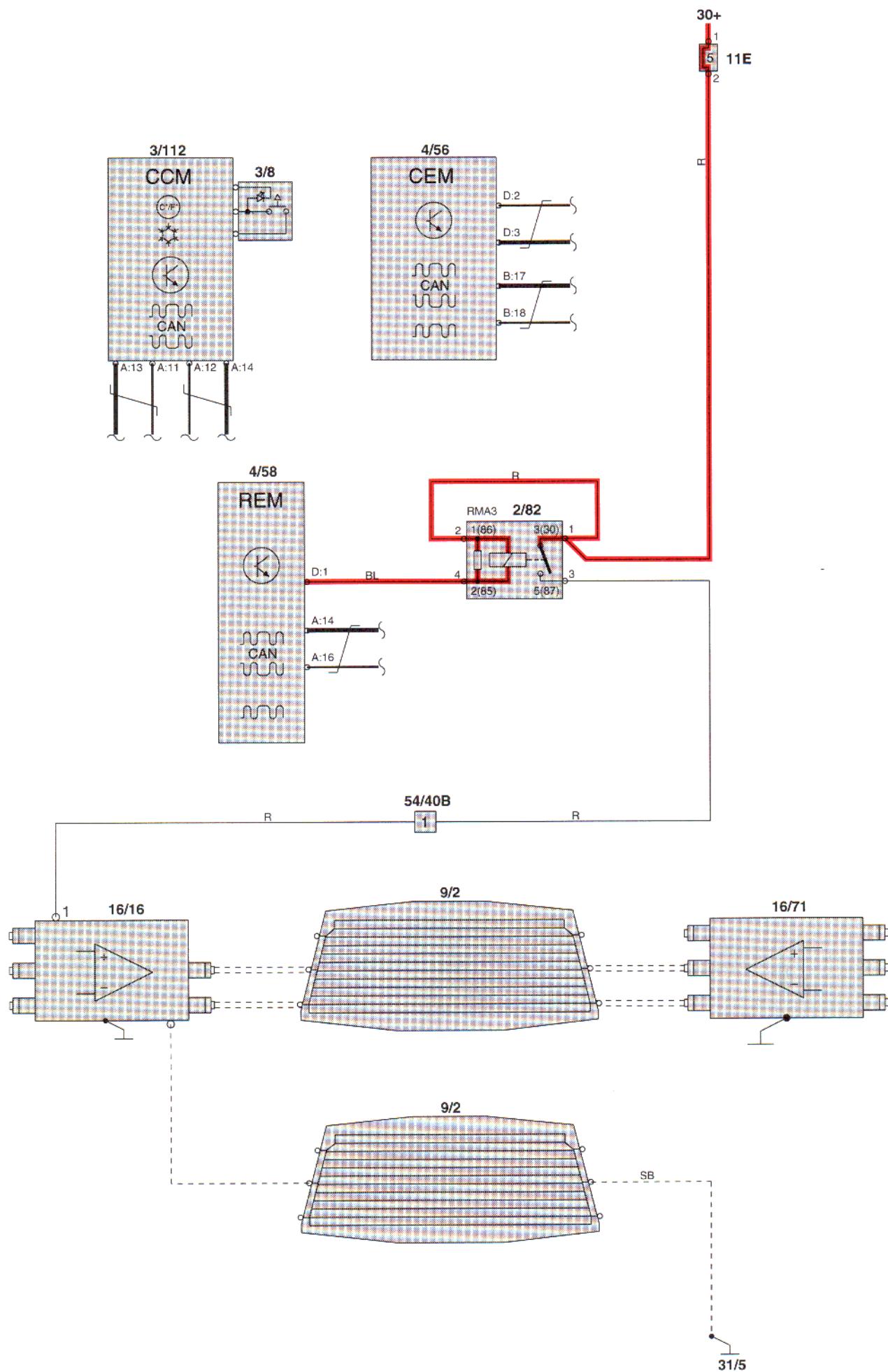
Central locking



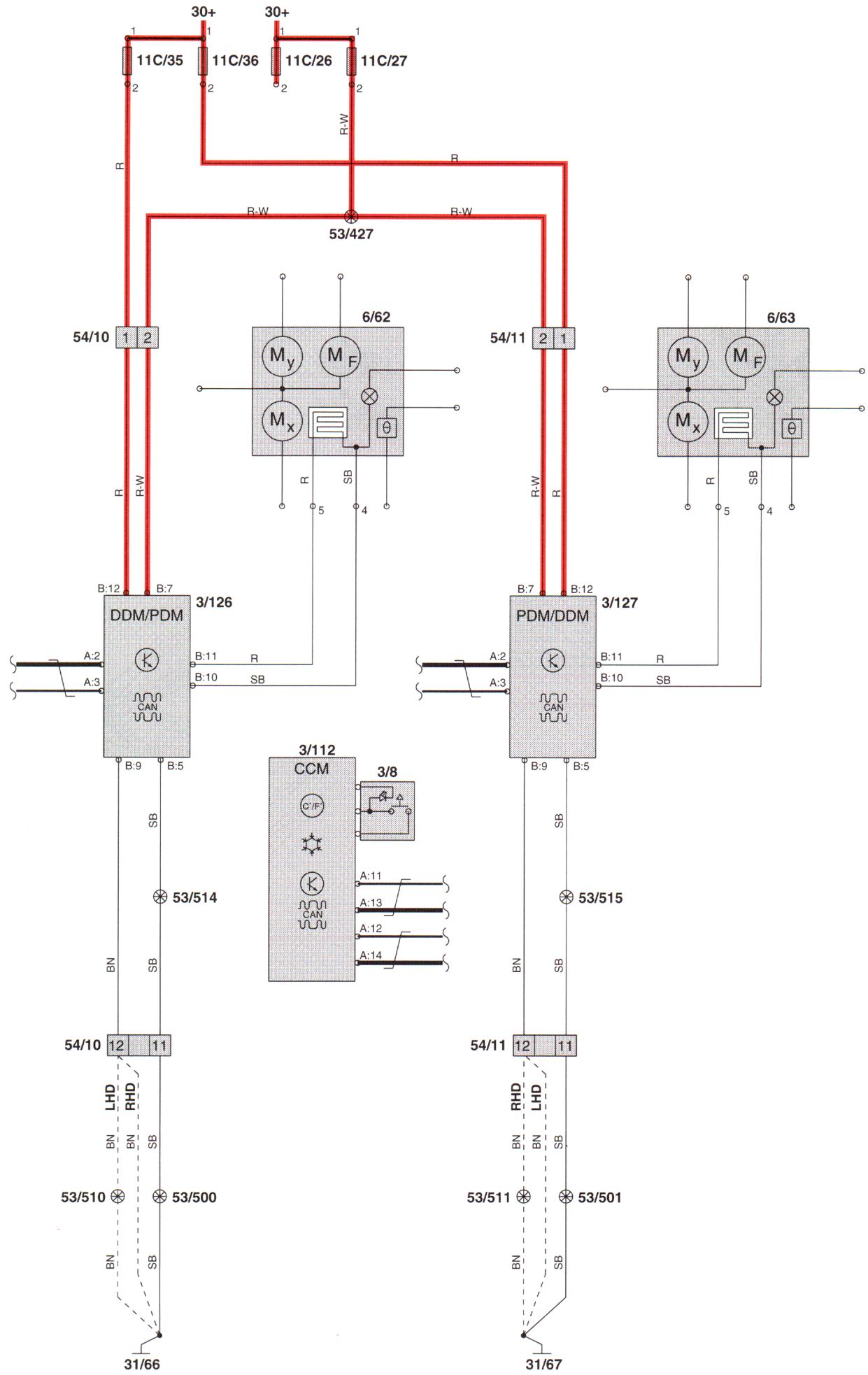
Power sunroof



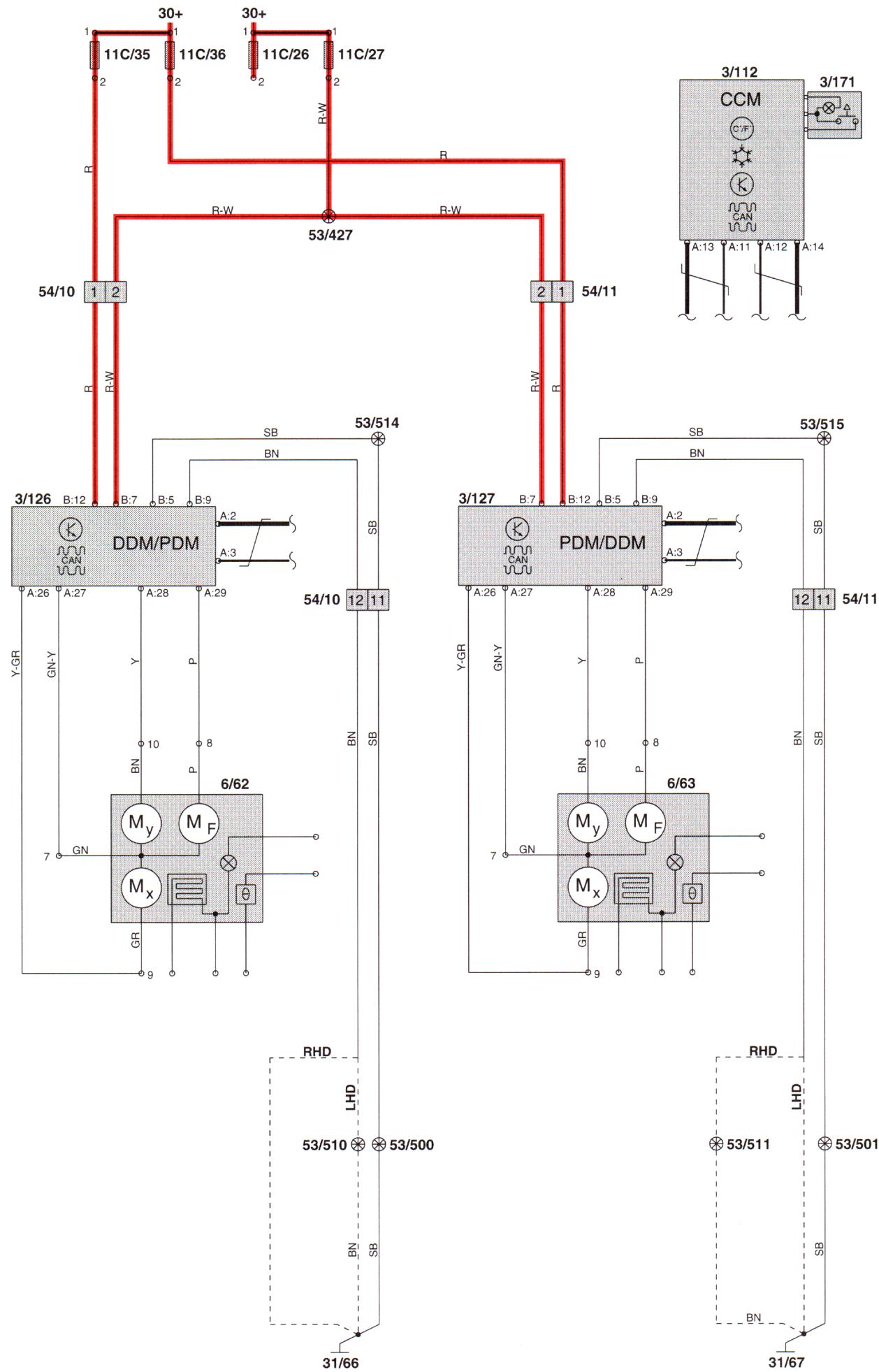
Rear demist



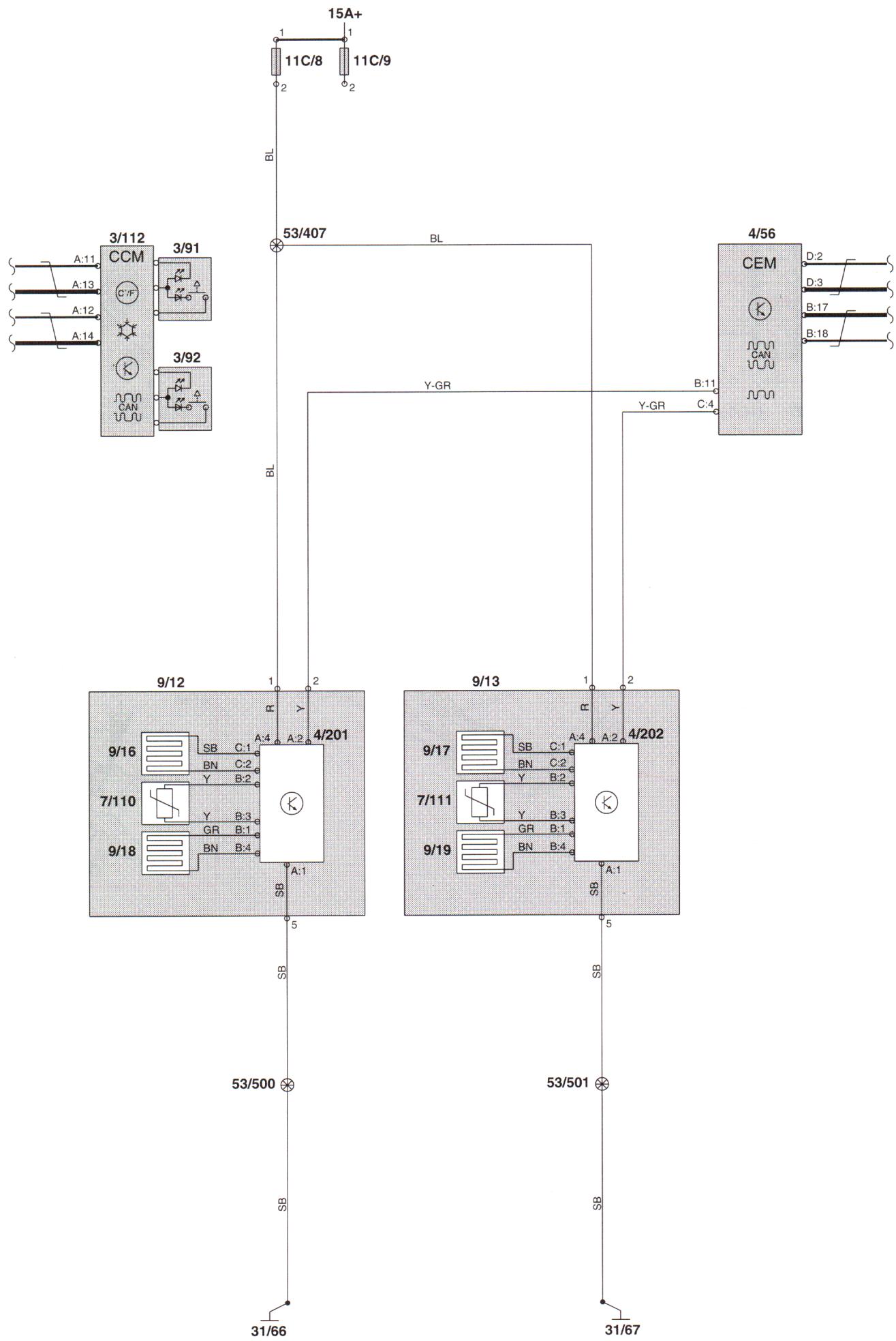
Heated door mirrors



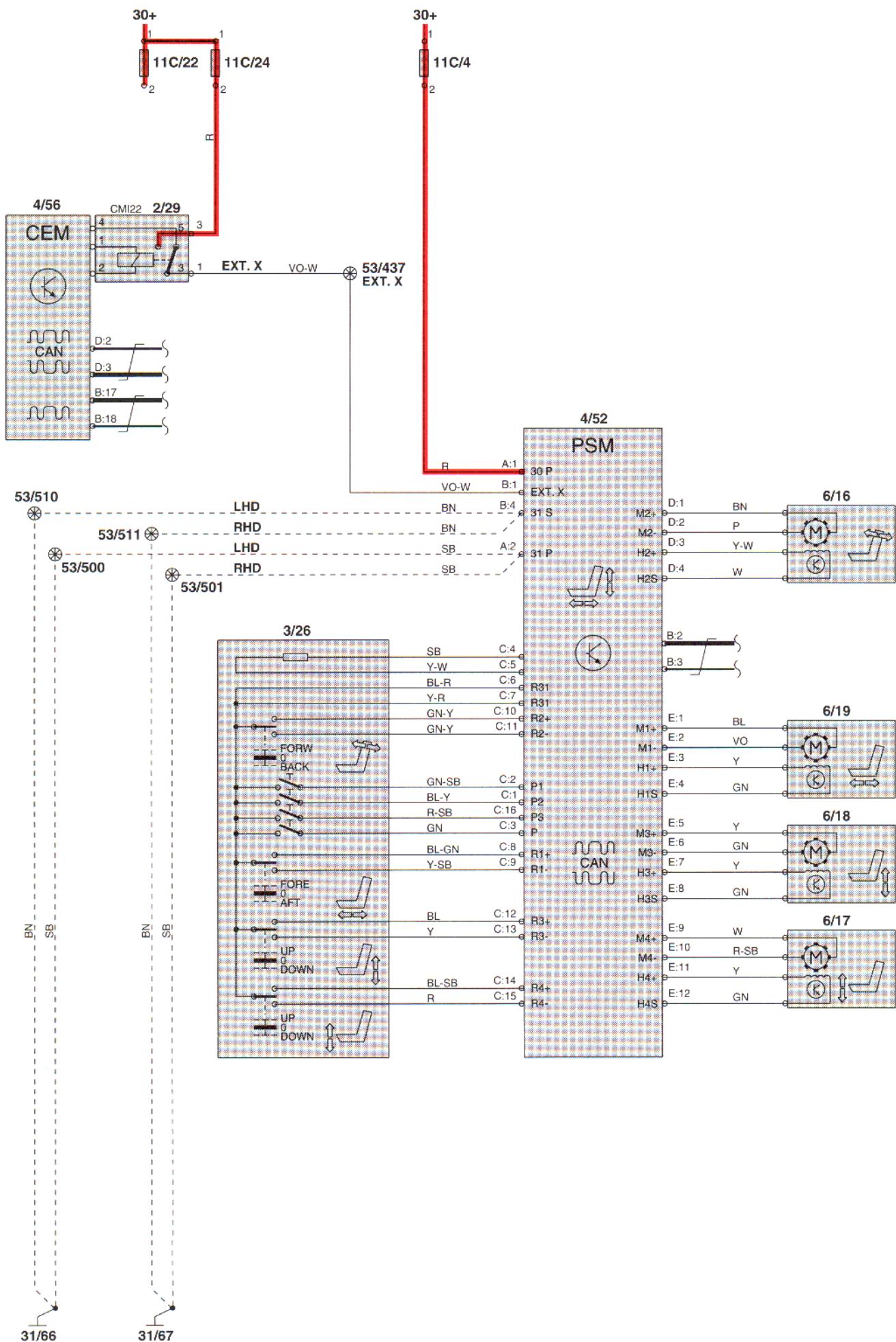
Power door mirrors



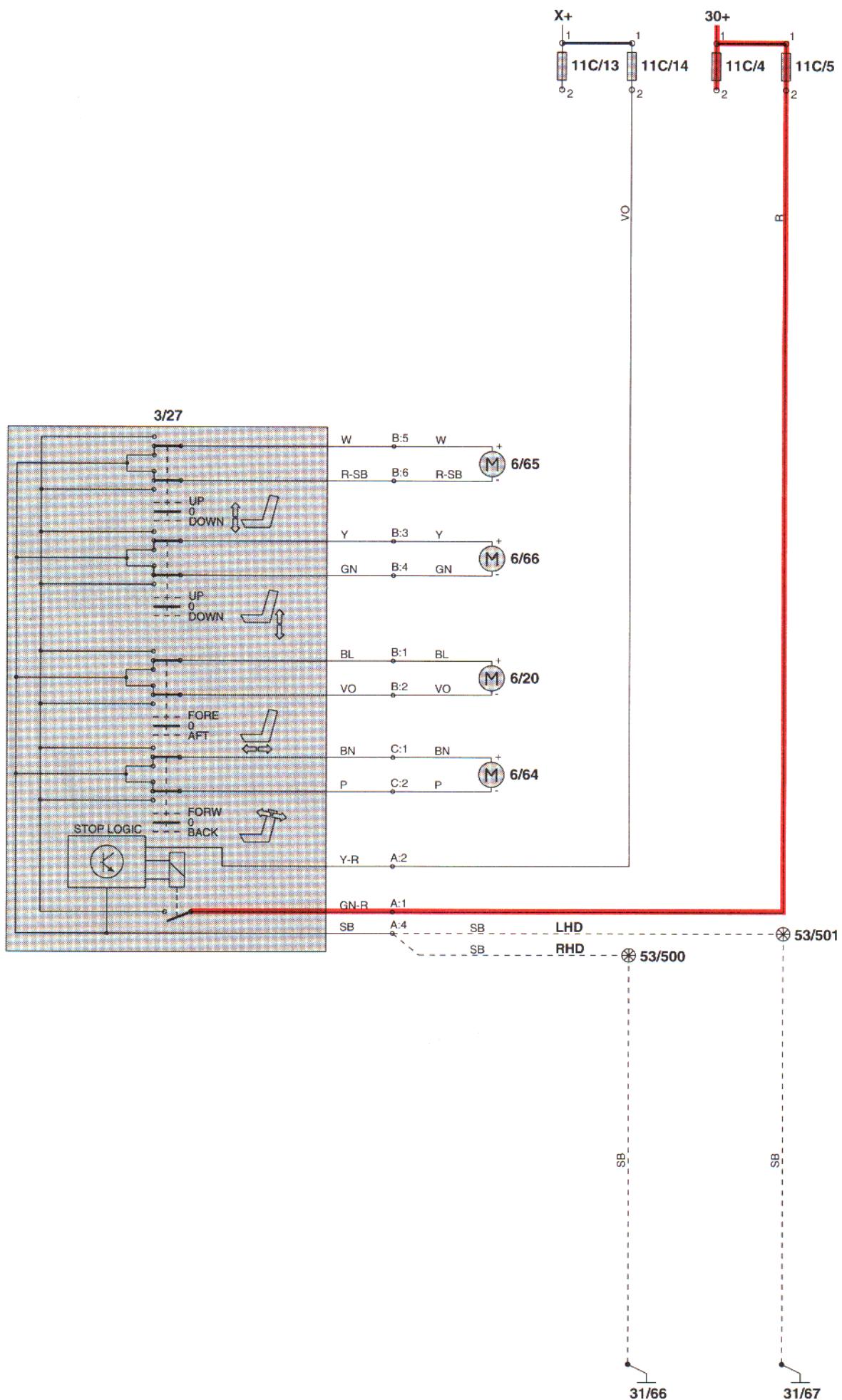
Electrically heated seats



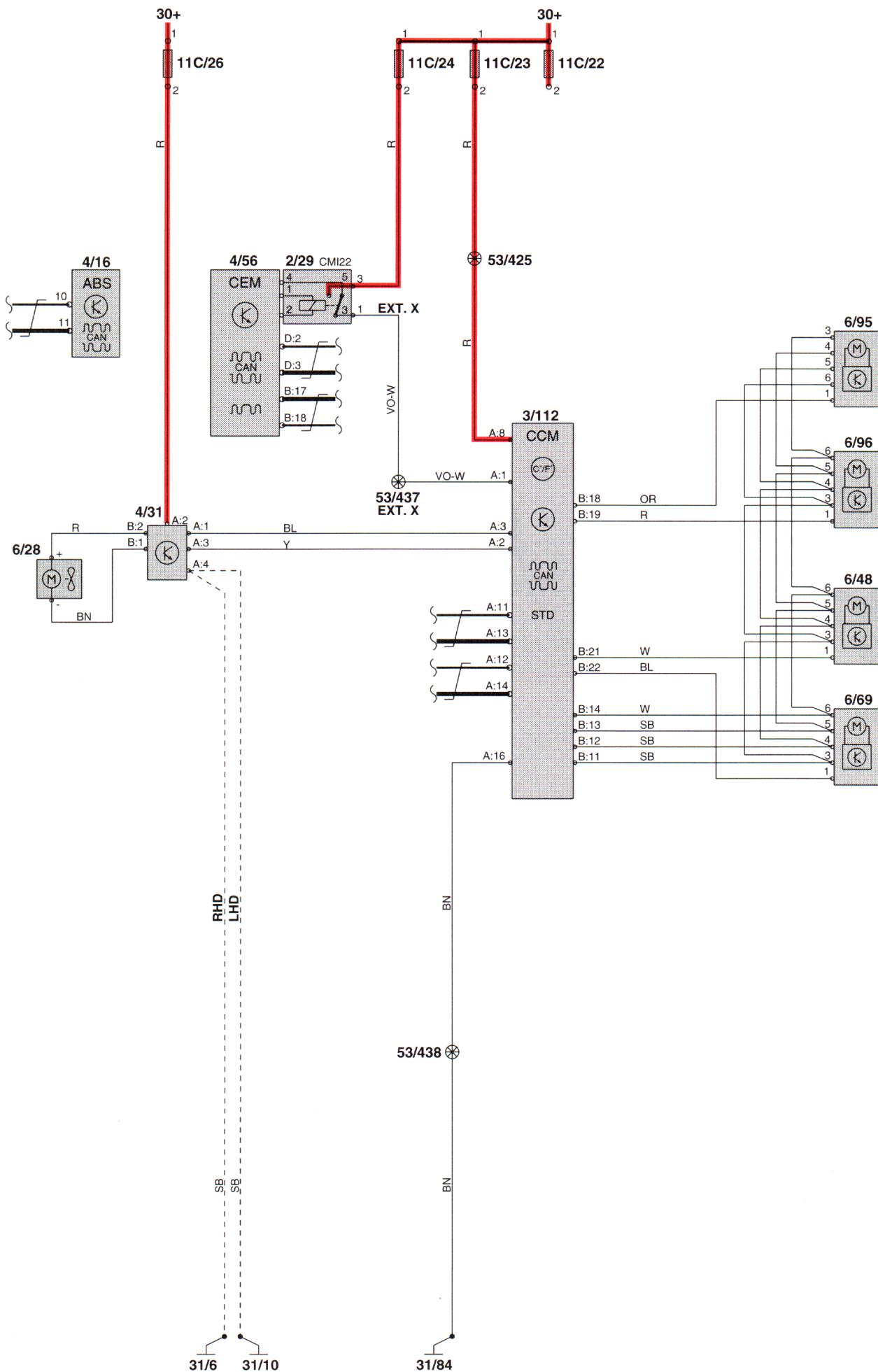
Electrically operated driver's seat



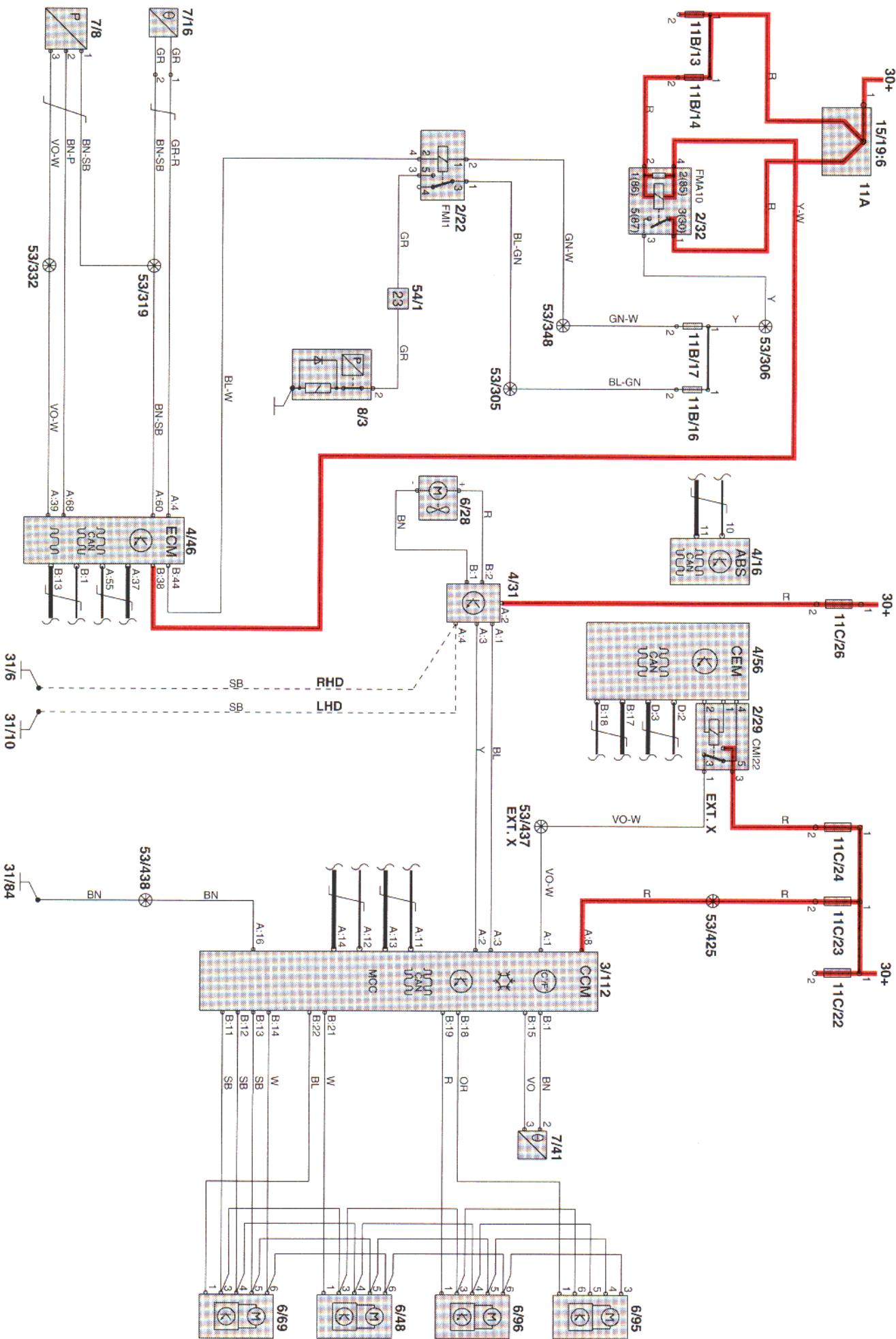
Power passenger seat



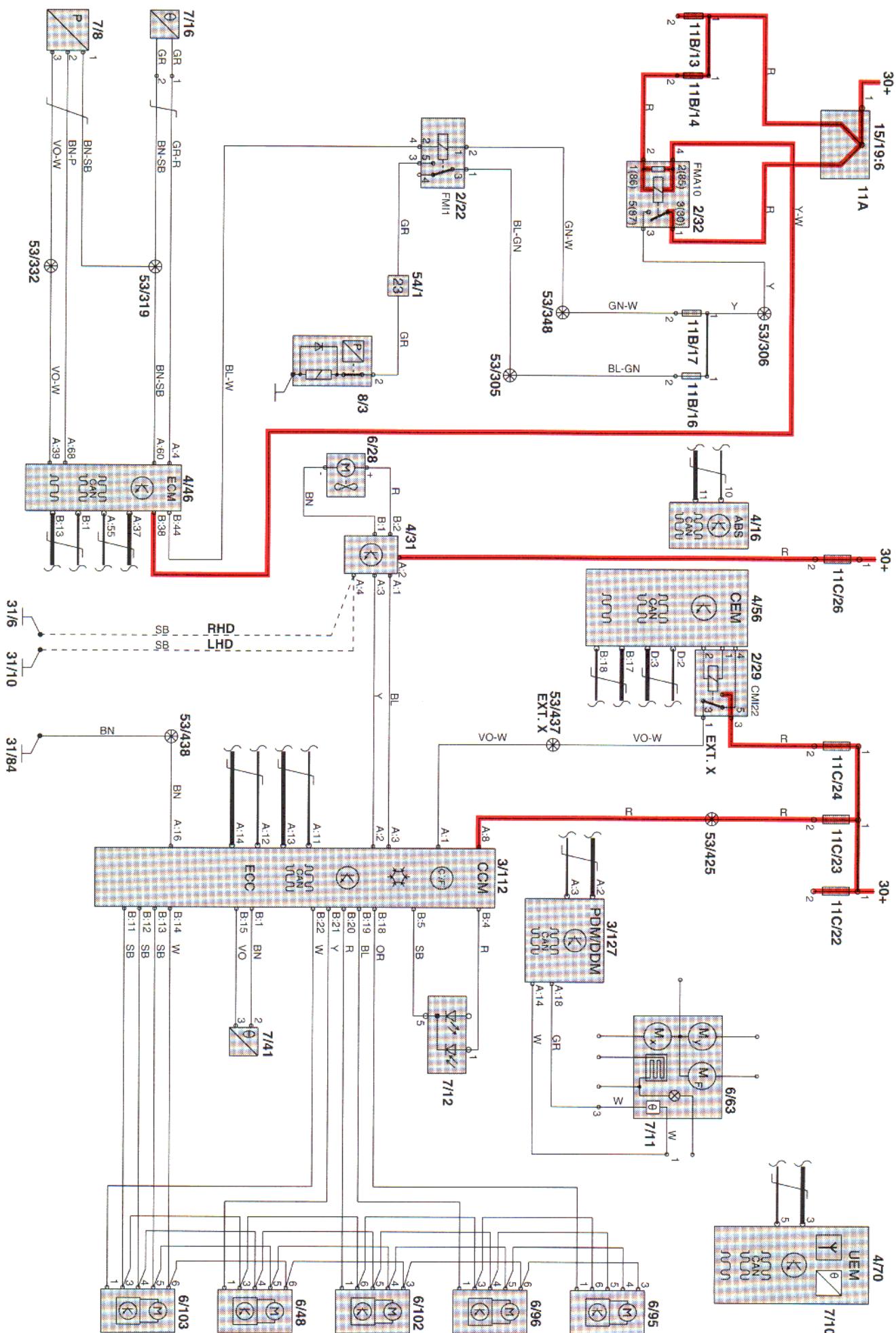
Parking heater



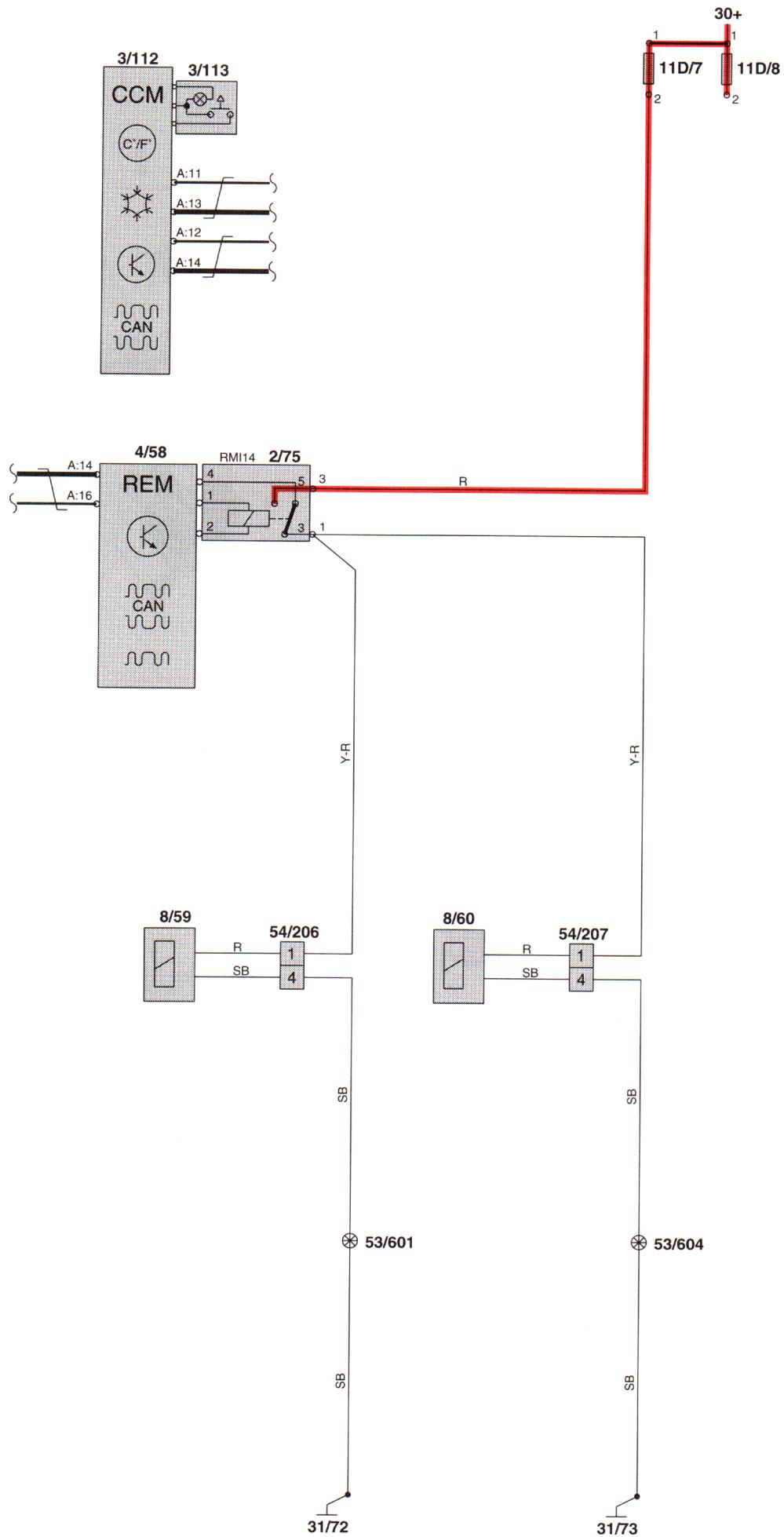
Manual climate control MCC



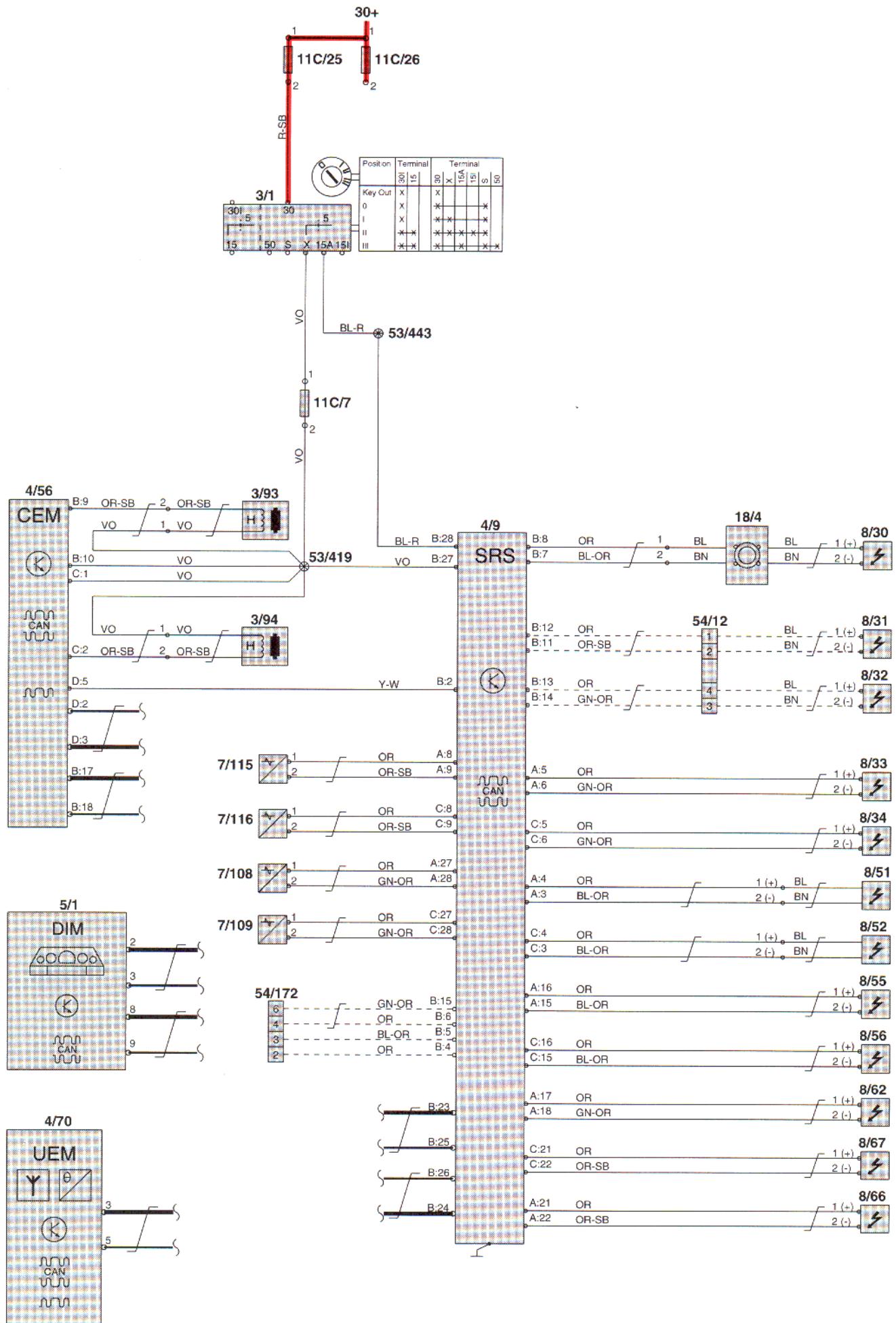
Electronic climate control ECC



Power folding head restraint



SRS Supplemental Restraint System



Component list

1/1	Battery	3/86	Electrical switch module power window right rear door
2/17	Horn relay	3/91	Heated seat switch front left
2/22	A/C relay	3/92	Heated seat switch front right
2/23	Fuel pump relay	3/93	Switch seat belt buckle left seat
2/29	Relay increased X-supply	3/94	Switch seat belt buckle right seat
2/30	Overload relay X-supply	3/95	Switch anti wheelspin control
2/31	Overload relay 15-supply	3/111	Electrical switch module lights (LSM)
2/32	Main relay engine management system	3/112	Electrical switch module climate control (CCM)
2/34	Relay, front fog light	3/113	Switch folding head restraint rear
2/35	Relay starter motor	3/117	Electrical switch module courtesy light
2/49	Relay, fog tail lamp	3/126	Electrical module left front door (DDM/PDM)
2/52	Relay 15I-supply rear	3/127	Electrical module right front door (PDM/DDM)
2/58	Relay fuel tank filler cover locking	3/130	Electrical switch module steering wheel levers (SWM)
2/59	Relay fuel tank filler cover unlocking	3/131	Switch audio/carphone
2/61	Relay parking lamps	3/135	Switch RTI
2/62	Relay low beam	3/155	Program selector, automatic transmission
2/63	Relay high beam	3/156	Switch gear selector module automatic transmission (GSM)
2/67	Trunk lid opening relay	3/171	Switch folding power door mirrors
2/75	Relay folding head restraint rear	3/173	Switch privacy lock trunk lid
2/79	Relay stop (brake) lamp	3/174	Switch reduced alarm
2/80	Relay back-up (reversing) lamp	4/9	SRS control module
2/82	Relay rear windshield heater	4/16	ABS control module
2/83	Relay fog lamp trailer	4/28	Transmission control module (TCM)
2/90	Relay windshield wiper low/high speed	4/31	Control module blower fan
2/91	Relay windshield wiper intermittent	4/33	Control module sun roof (SRM)
2/92	Relay washer motor	4/46	Engine control module (ECM)
2/111	Central locking relay locking left rear	4/50	Throttle body (TB) control module (ETM)
2/112	Central locking relay unlocking left rear	4/52	Control module power driver's seat (PSM)
2/113	Central locking relay locking right rear	4/56	Central electronic module (CEM)
2/114	Central locking relay unlocking right rear	4/58	Rear electronic module (REM)
2/115	Central locking relay deadlock position rear doors	4/70	Upper electronic module (UEM)
2/116	Power window relay up left rear	4/71	Engine cooling fan (FC) control module
2/117	Power window relay up right rear	4/201	Left heated seat control module
2/118	Power window relay down left rear	4/202	Right heated seat control module
2/119	Power window relay down right rear	5/1	Combined instrument panel (DIM)
2/120	Power window relay child down safety limit rear doors	6/1	Windshield wiper motor
3/1	Ignition switch	6/2	Washer motor
3/4	Electrical switch module cruise control (SWS)	6/3	Right headlamp washer motor
3/6	Hazard warning signal flasher switch	6/4	Left headlamp washer motor
3/8	Switch Rear demist/door mirrors	6/15	Motor sun roof
3/9	Stop (brake) light switch	6/16	Driver's seat rake motor
3/10	Back-up (reversing) light switch	6/17	Motor, up/down front edge of driver's seat
3/25	Switch power sun roof	6/18	Motor, up/down rear edge of driver's seat
3/26	Control unit power driver's seat	6/19	Motor forwards/backwards driver's seat
3/27	Control unit, power passenger seat	6/20	Motor forwards/backwards passenger seat
3/35	Trunk lid handle switch	6/25	Starter motor
3/37	Horn connectors	6/26	Generator
3/47	Parking brake switch	6/28	Blower fan
3/62	Alarm switch, bonnet	6/29	Engine cooling fan (FC)
3/71	Gear shift position switches	6/33	Fuel pump
3/74	Lock unit left front door	6/37	Central locking motor, tank cap
3/75	Lock unit right front door	6/38	Beam length control, left actuator
3/76	Lock unit left rear door	6/39	Beam length control, right actuator
3/77	Lock unit right rear door	6/48	Servo motor, recirculation shutter
3/78	Lock module, trunk/tailgate	6/58	Motor power window left front
3/85	Switch power window left rear door	6/60	Motor power window right front

Comments

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From
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Publication:.....
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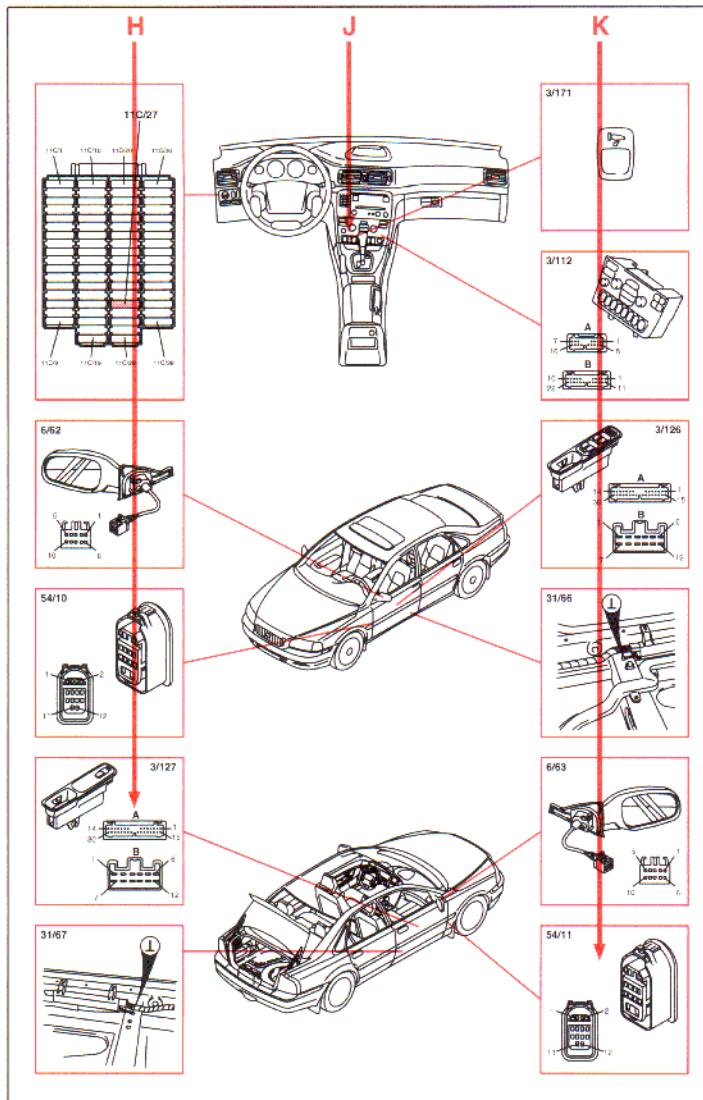
Section:..... Page:..... TP No:.....

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If you have any suggestions or comments about this manual make a copy of
this page, write down your comments and send to us.

How to use the diagrams



— = DIN cables, coaxial cables etc.

⌚ = See DATA Communication section

 = CAN-communication

D. Junction points

The junction points are numbered. There is a list of the different junction points in the manual. It shows which other components the junction points are joined to. The locations are shown in the section "Routing of cable harnesses in the car".

E. Electrical distribution

Supply to the fuse is displayed in its entirety in the section electrical distribution.

F. Abbreviations

There are a number of abbreviations used in the book. These are explained in the chapter "Abbreviations".

Example. R-W = Red-white

G. CAN-communication

A cable which is drawn as broken in the CAN communication, is displayed in its entirety in the section DATA communication.

H. Components

This shows which different positions the different cables are connected to on the relevant component.

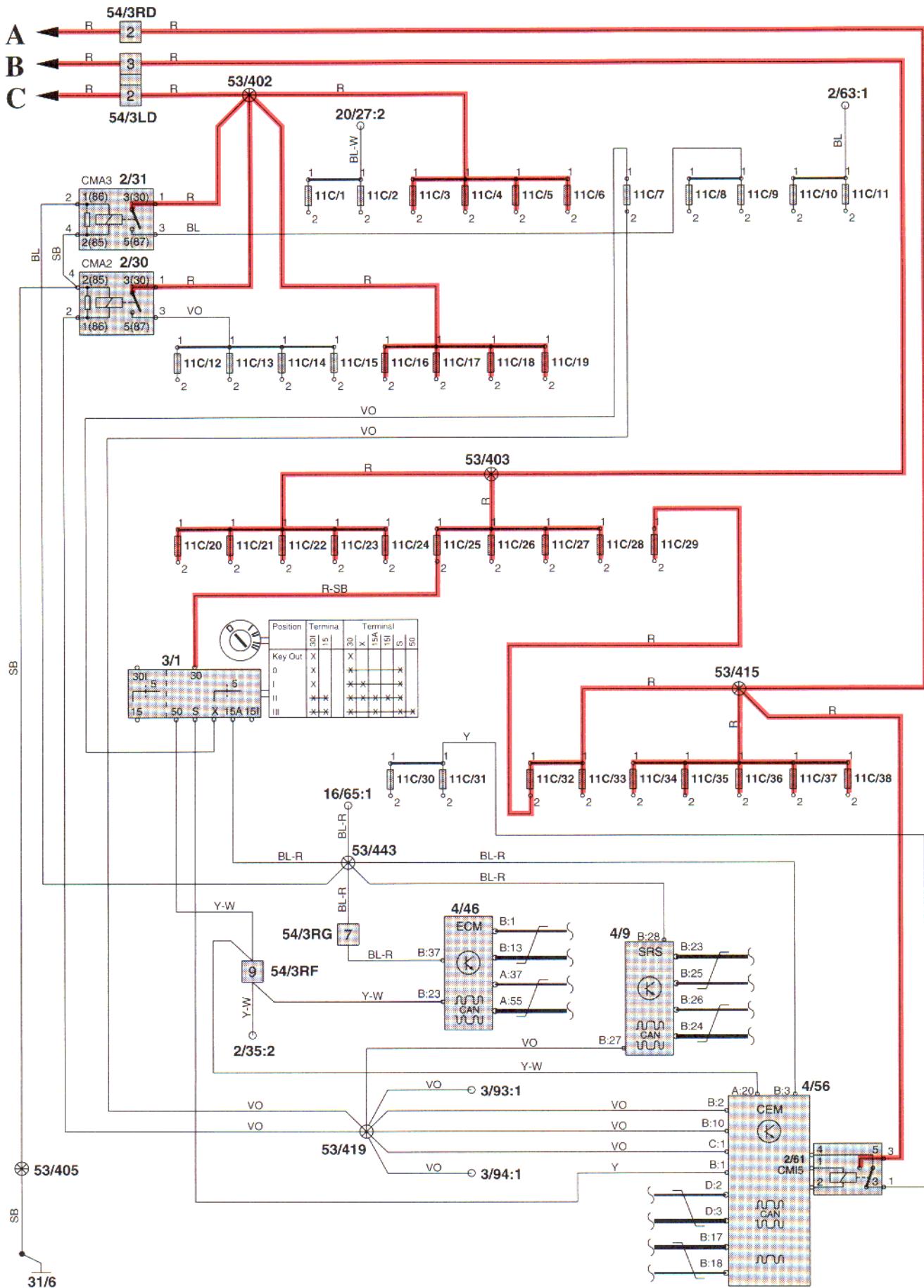
J. Location of components

It shows where the function components are placed.

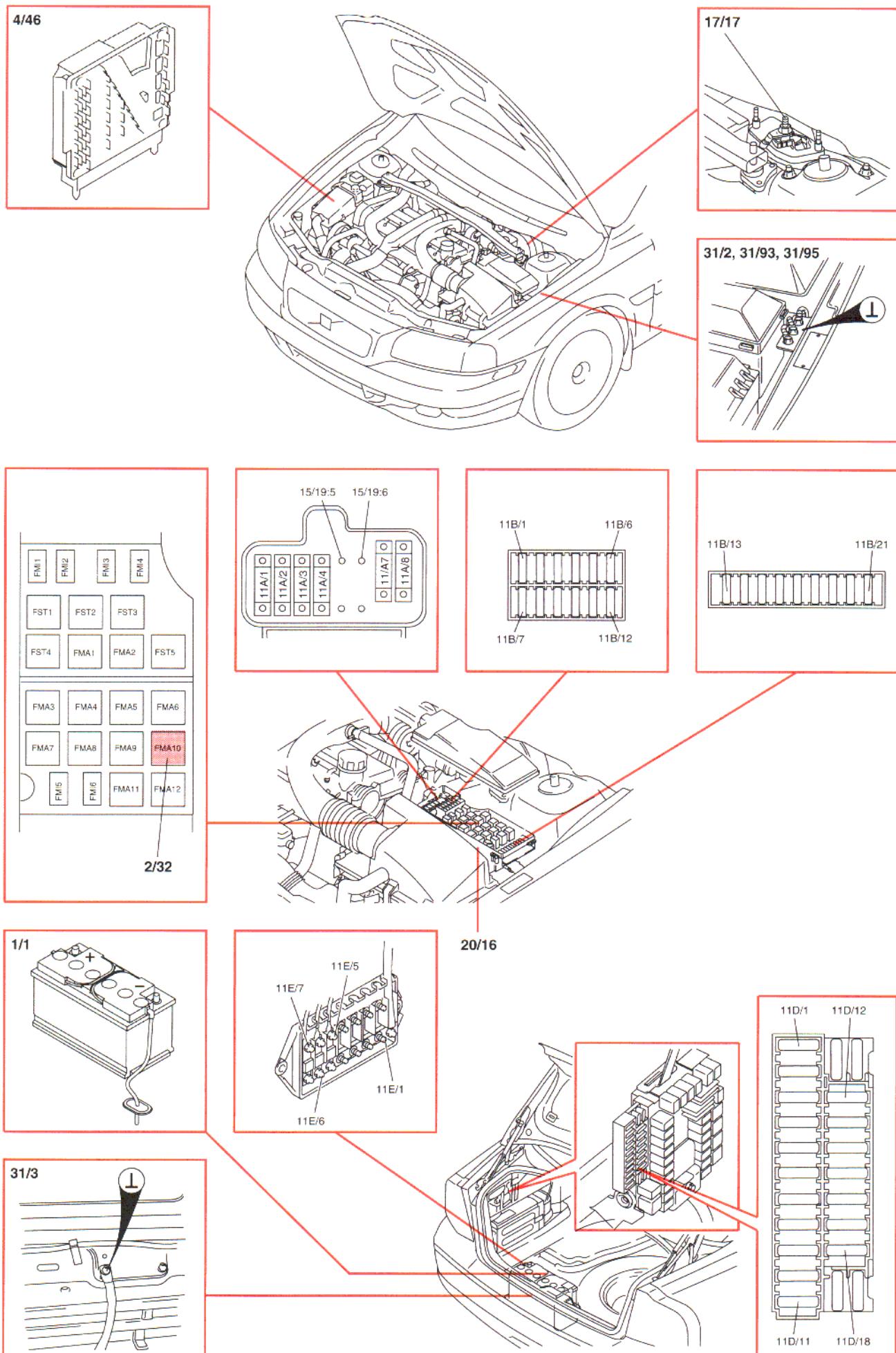
K. Connector

Connectors which are an interface between two cable harnesses are described in the section "Connectors".

Electrical distribution

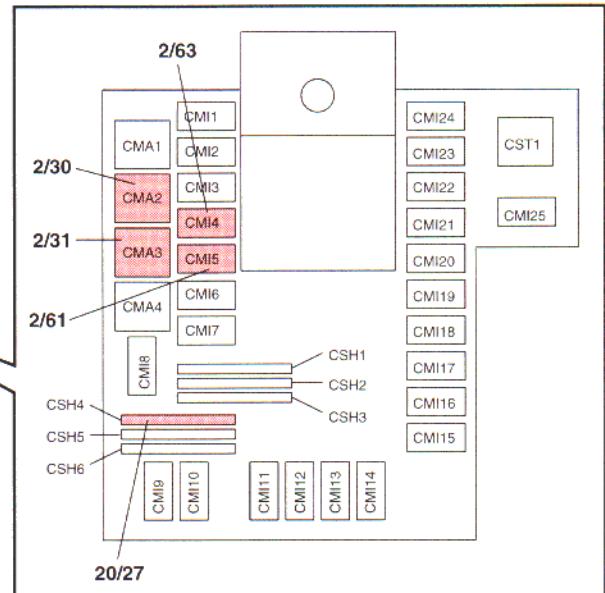
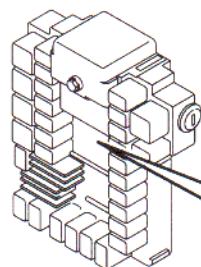
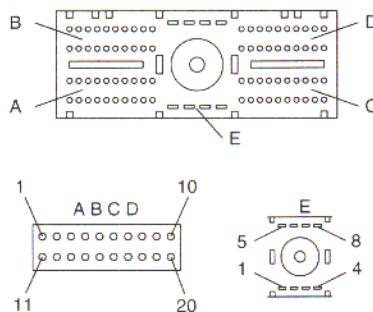


Electrical distribution

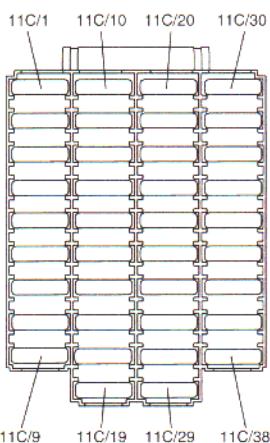


Electrical distribution

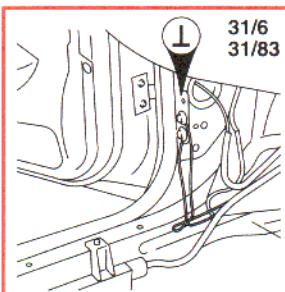
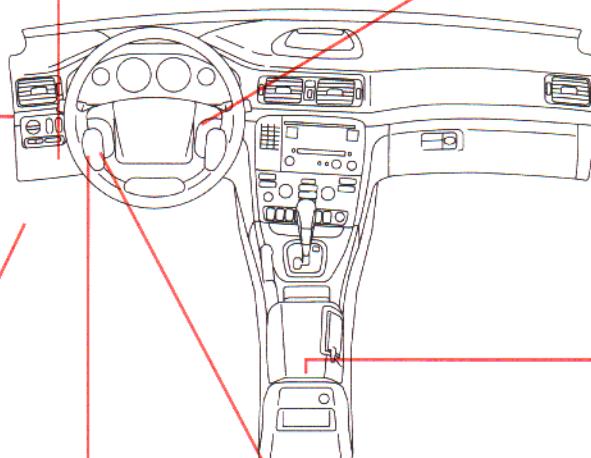
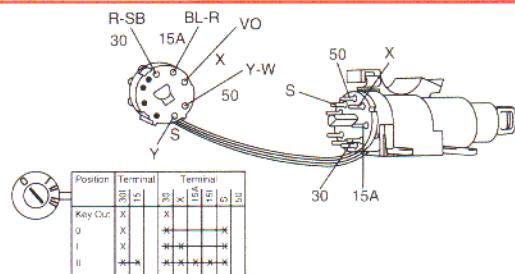
4/56



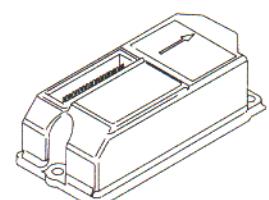
11C



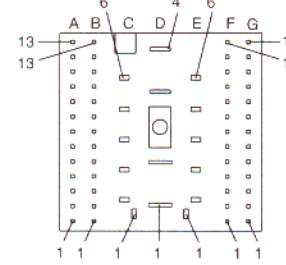
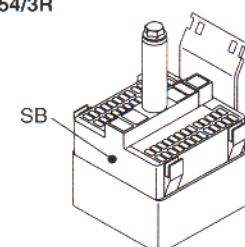
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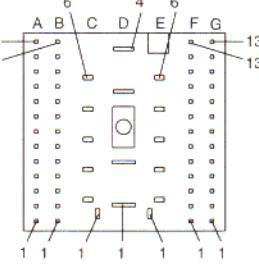
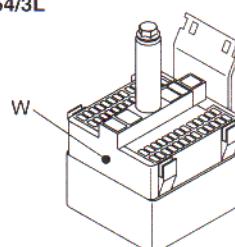
4/9



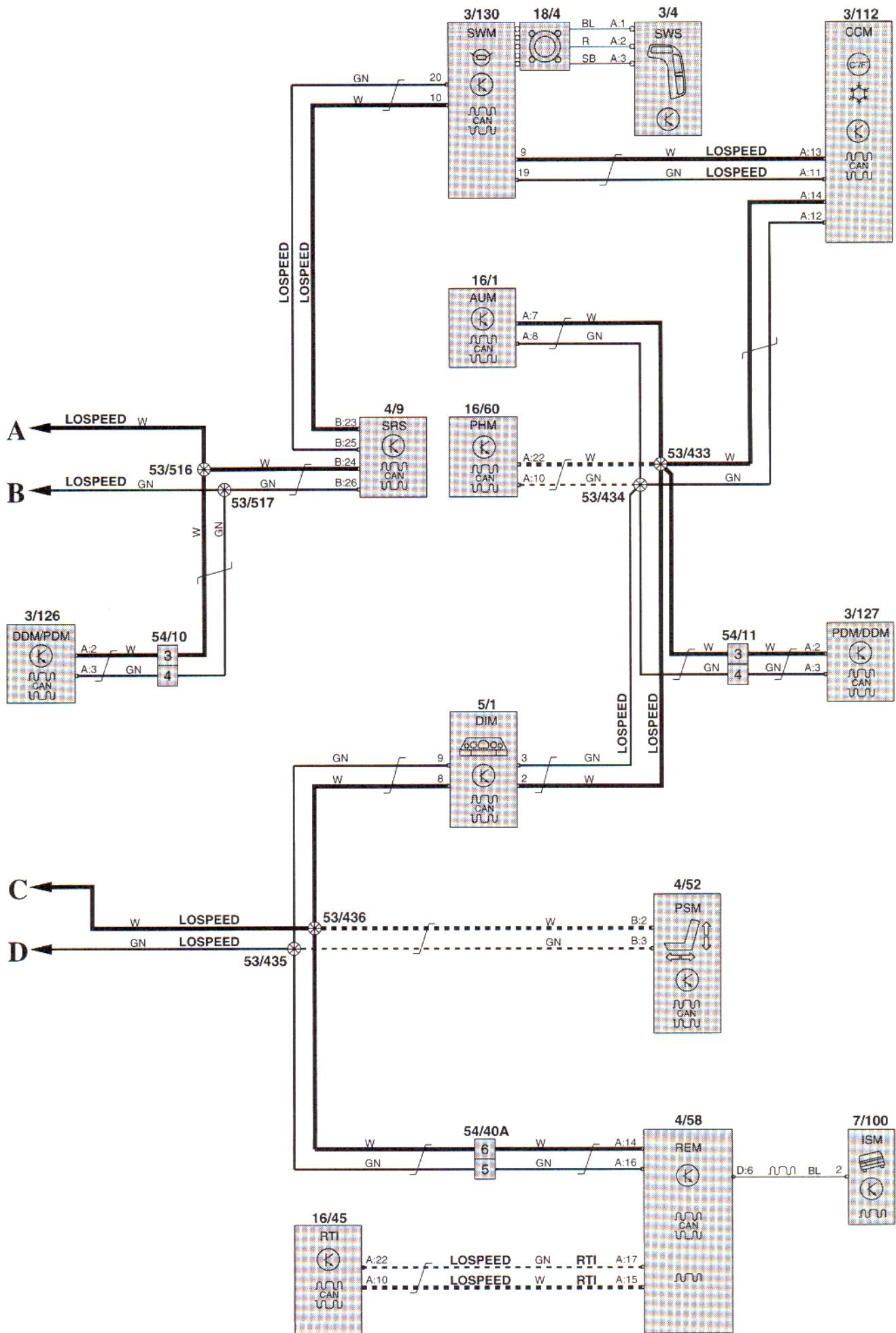
54/3R



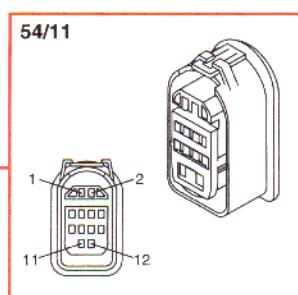
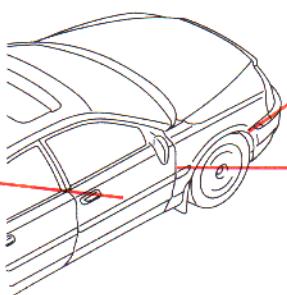
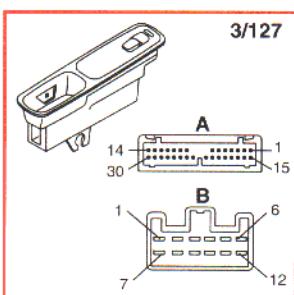
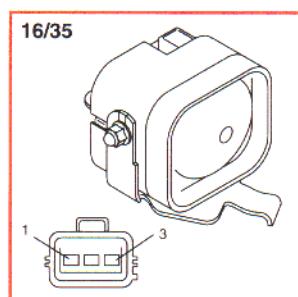
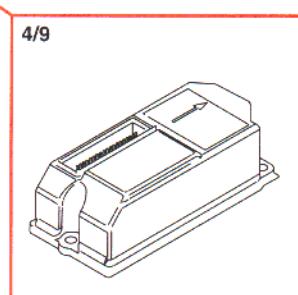
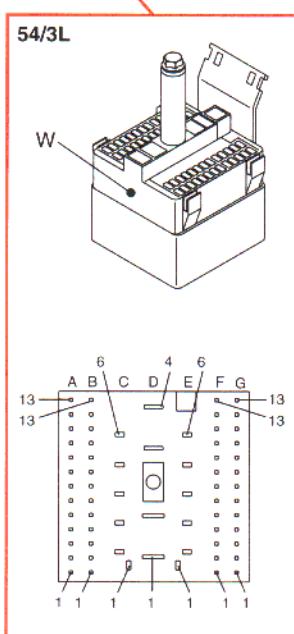
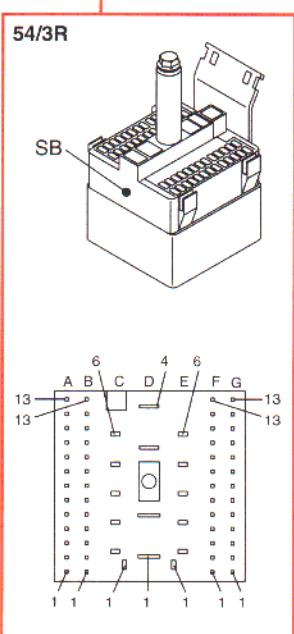
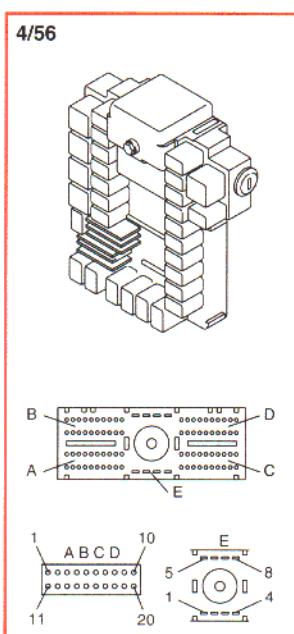
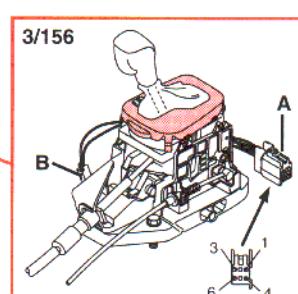
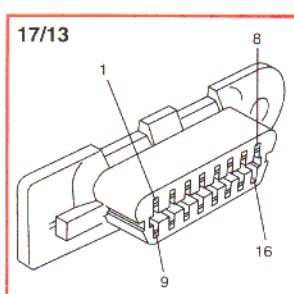
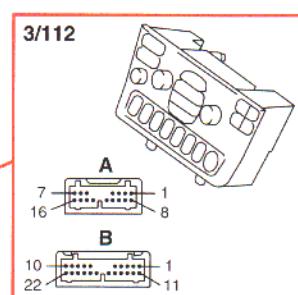
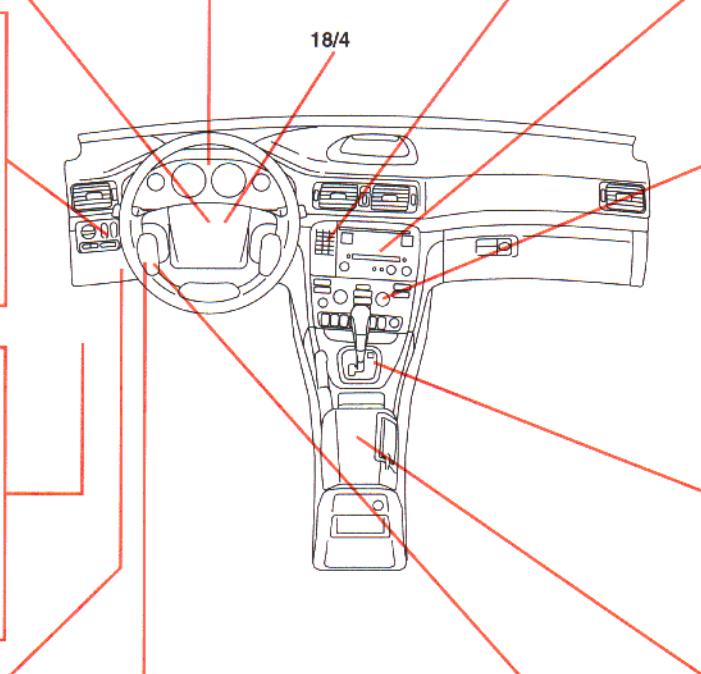
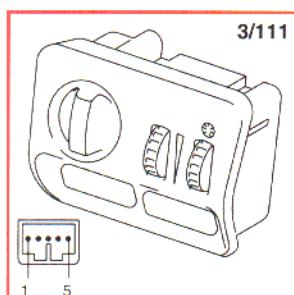
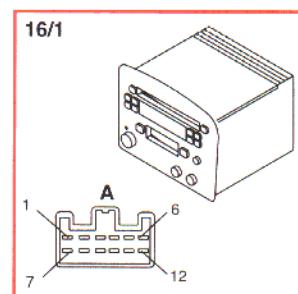
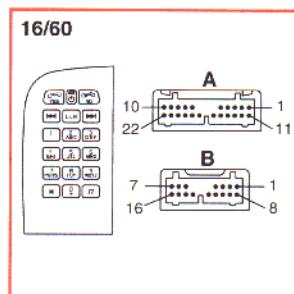
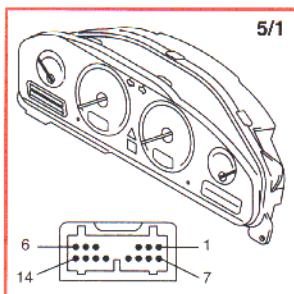
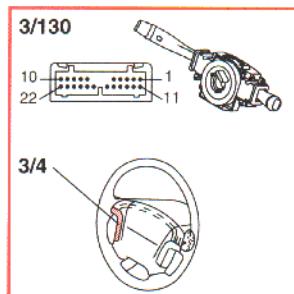
54/3L

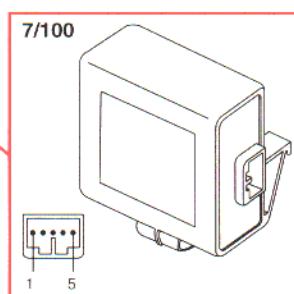
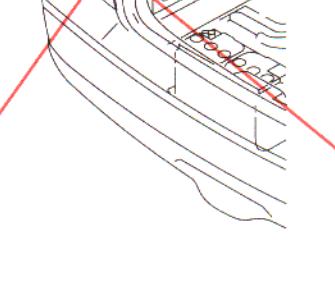
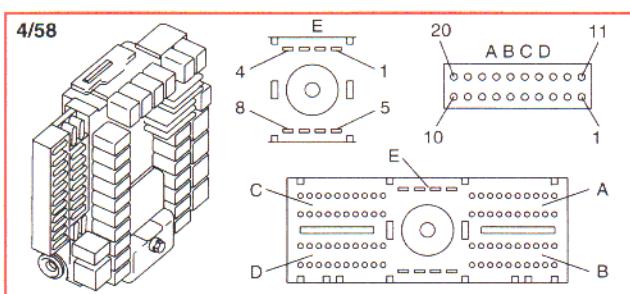
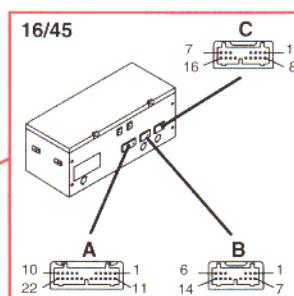
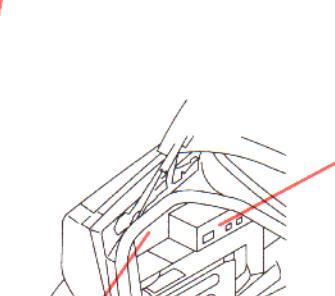
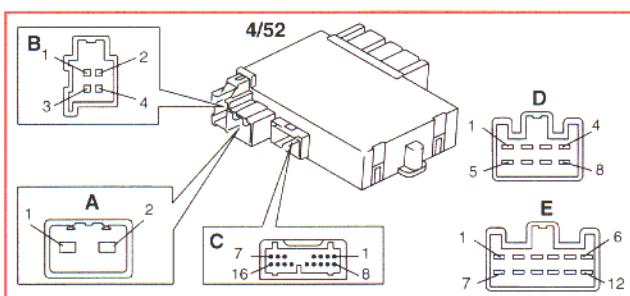
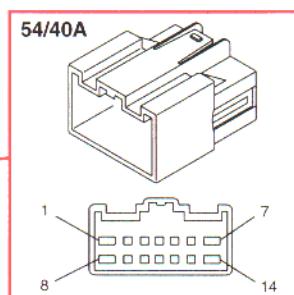
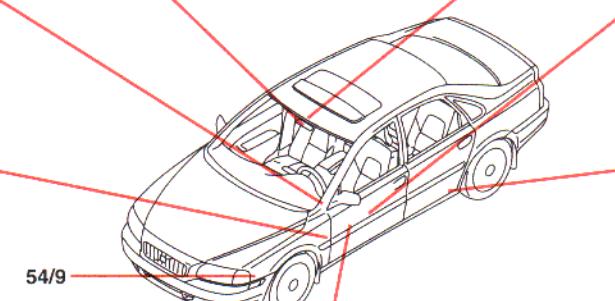
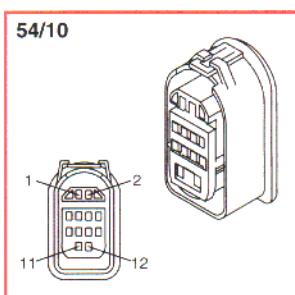
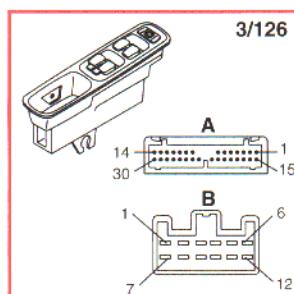
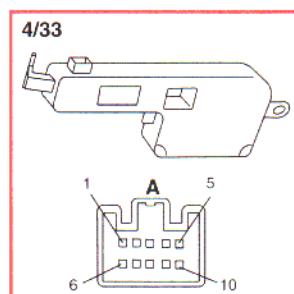
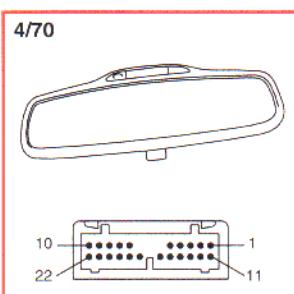
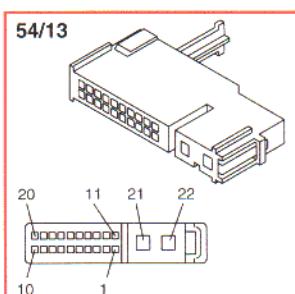
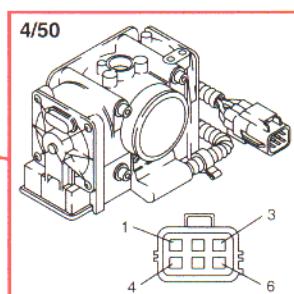
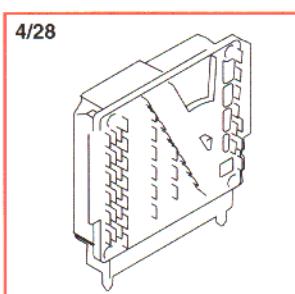
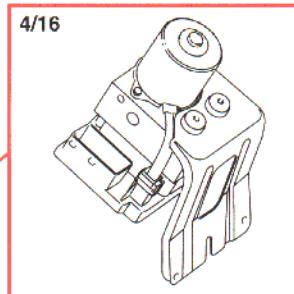
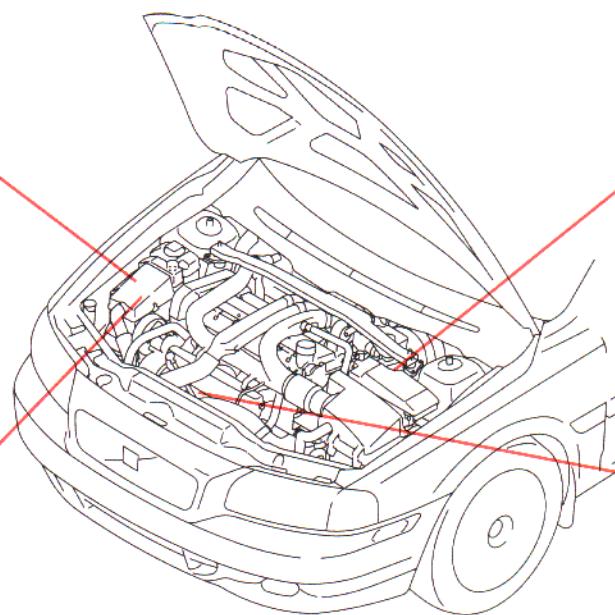
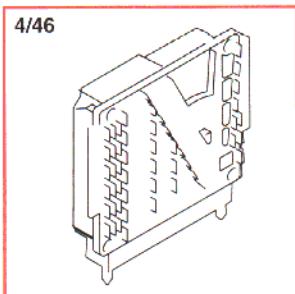


Data communication

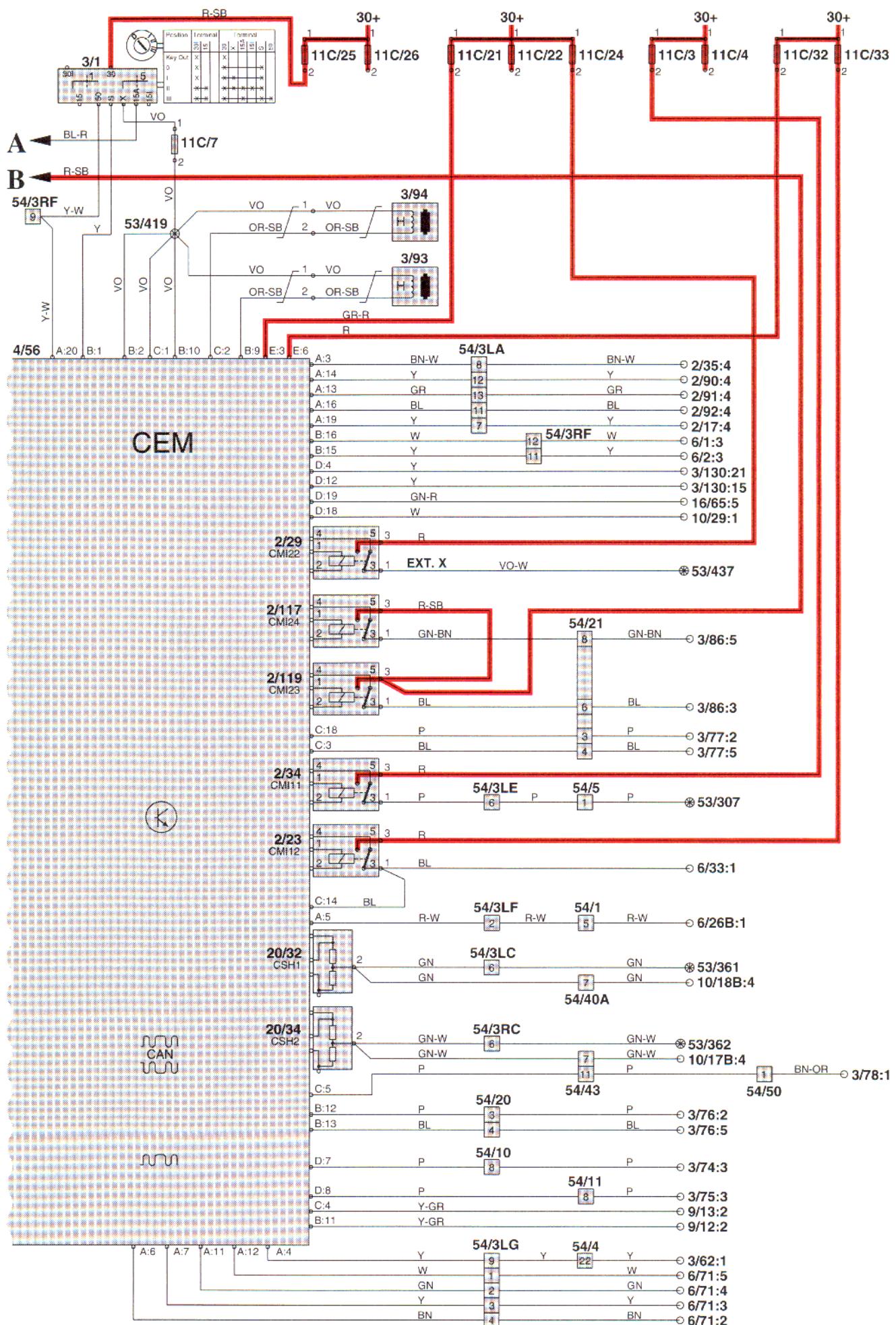


Data communication

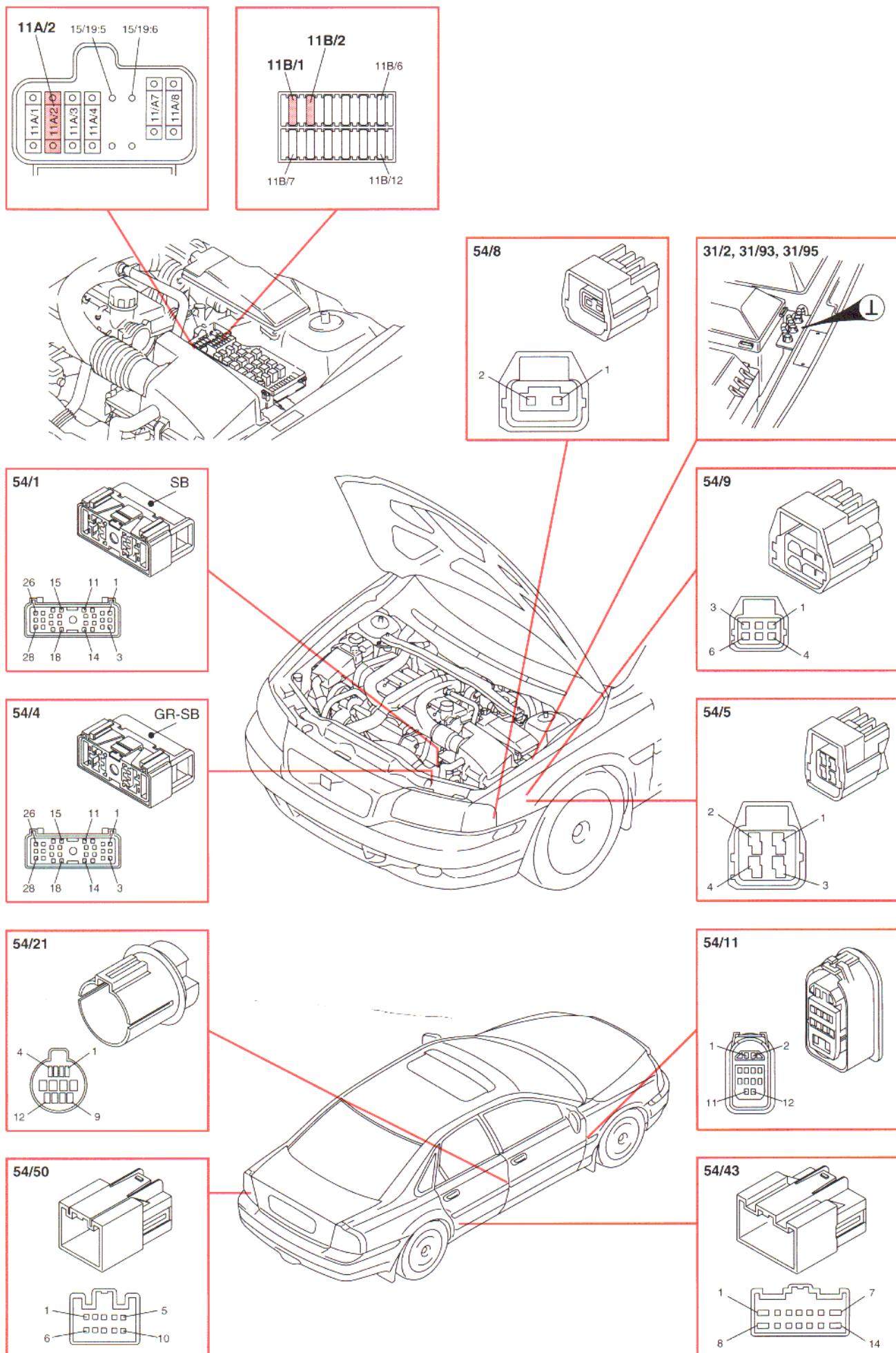




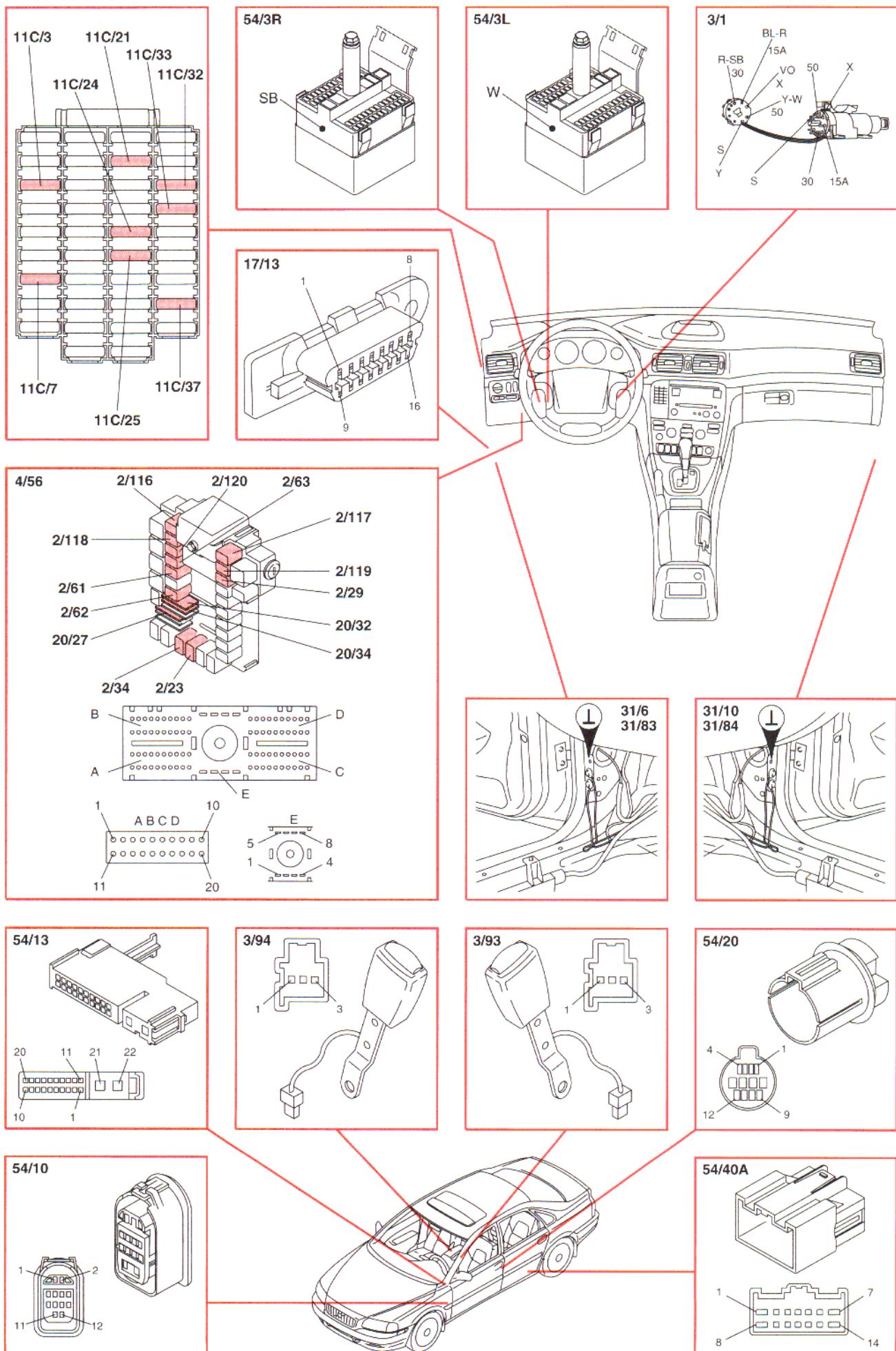
Electronic connection Central electronic module (CEM)



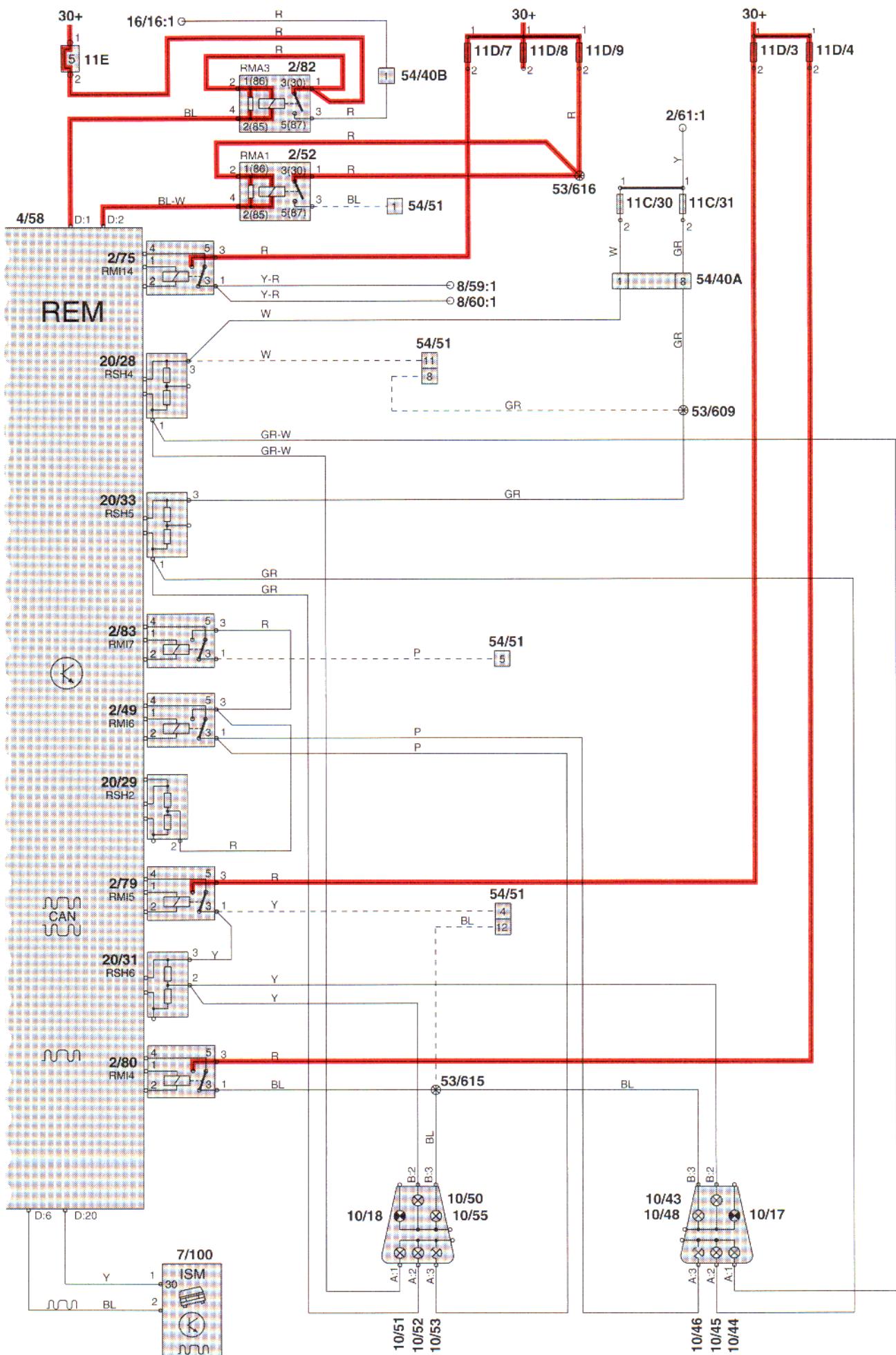
Electronic connection Central electronic module (CEM)



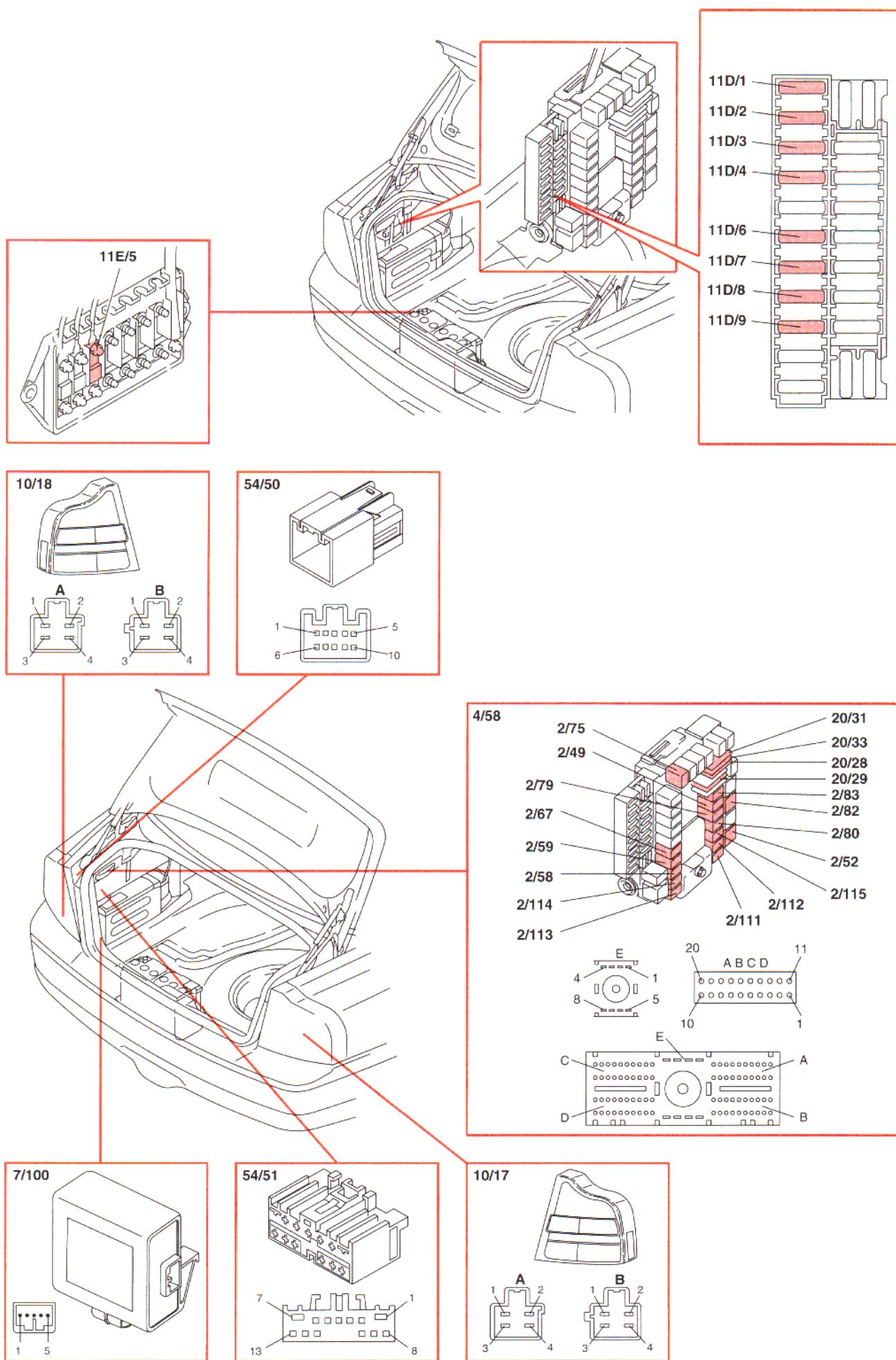
Electronic connection Central electronic module (CEM)



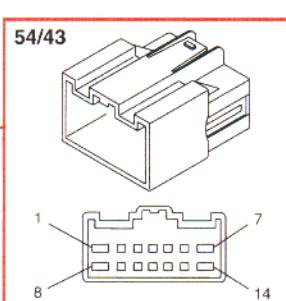
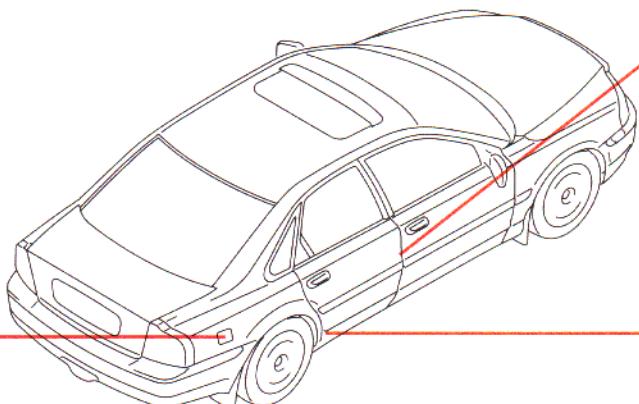
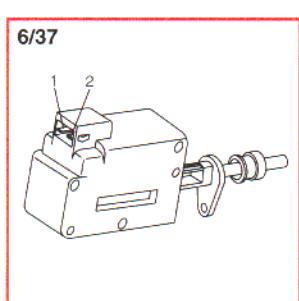
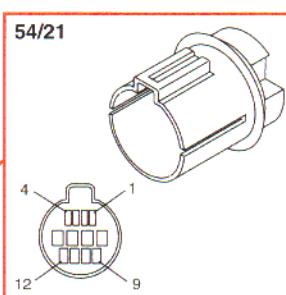
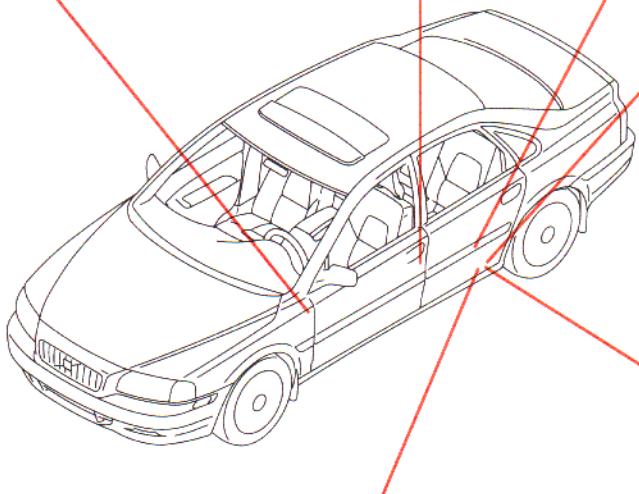
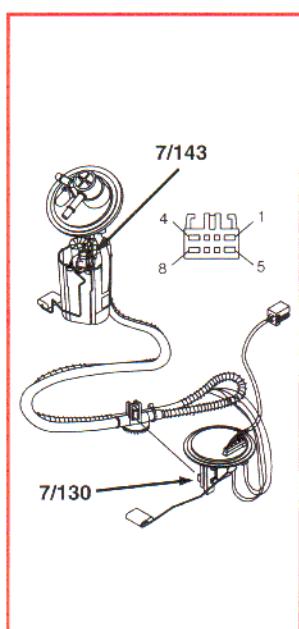
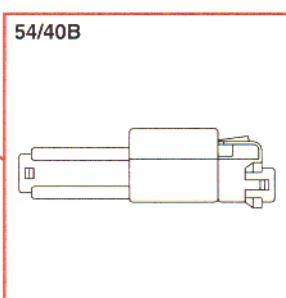
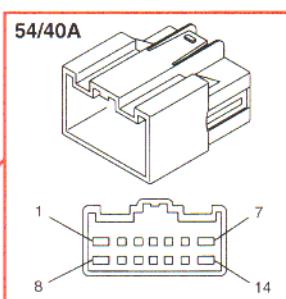
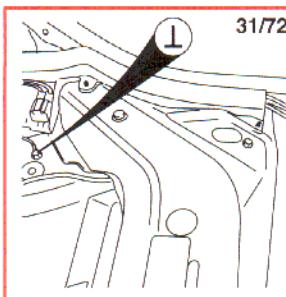
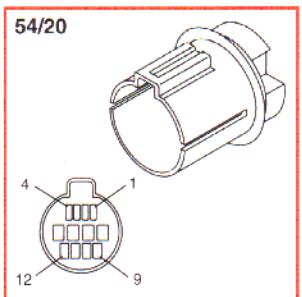
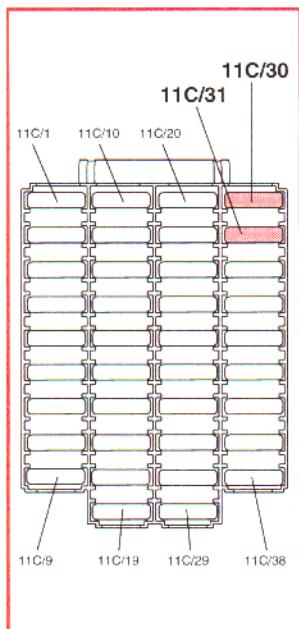
Electronic connection Rear electronic module (REM)



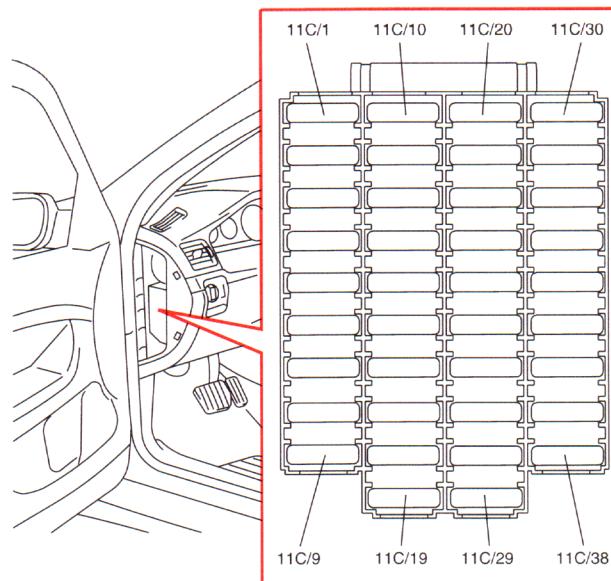
Electronic connection Rear electronic module (REM)



Electronic connection Rear electronic module (REM)



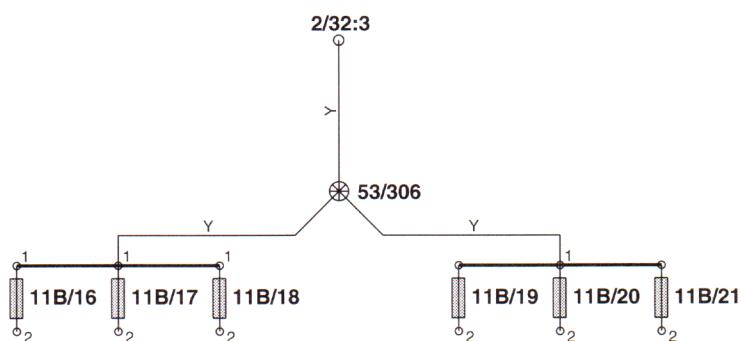
Passenger compartment fuses



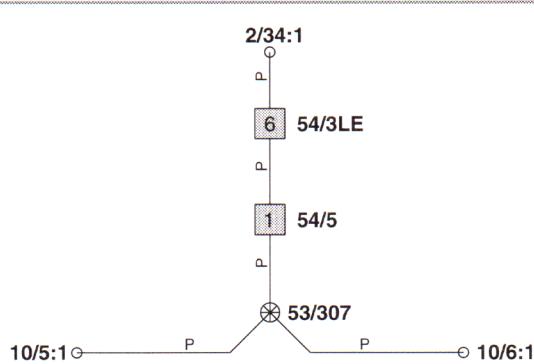
Fuses, 11C, in the fusebox

No.	Fuse function	A
1	Left dipped beam	10
2	Right dipped beam	10
3	Front fog lamps	15
4	Power driver's seat	30
5	Power passenger seat	30
6	-	
7	Central electronic module (CEM), Overload relay X+, SRS control module, Seat belt buckle electric switch	5
8	Heated seats	25
9	Anti lock brakes (ABS)	5
10	Left high beam	15
11	Right high beam	15
12	Headlamp wiper, Headlamp range adjustment	15
13	Cigarette lighter/12V outlet front and rear	20
14	Power passenger seat	5
15	Radio (AUM), RTI display	5
16	Radio (AUM)	20
17	Amplifier	30
18	Carphone, RTI display	10
19-20	-	
21	Via Central electronic module (CEM): Turn signal lamp	20
22	Electrical switch module steering wheel levers (SWM), Electrical switch module cruise control (SWS)	5

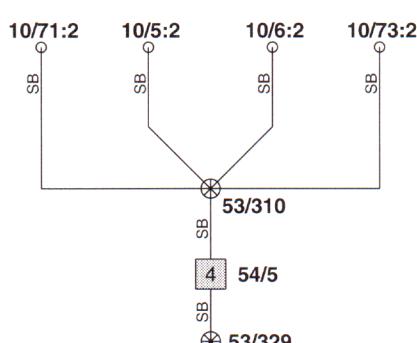
53/306 (Cable harness engine compartment)



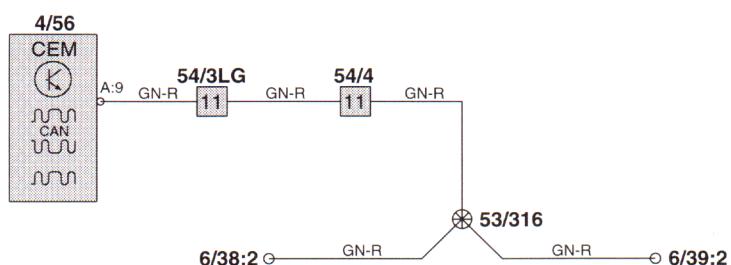
53/307 (Cable harness soft front)



53/310 (Cable harness soft front)

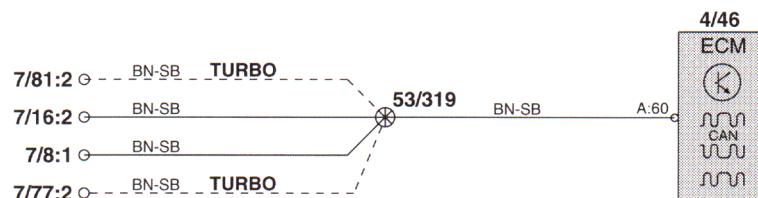


53/316 (Cable harness front)

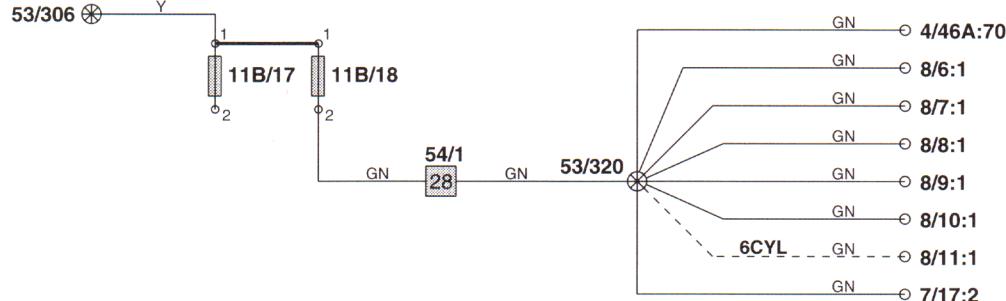


Junction points 53/319-53/323

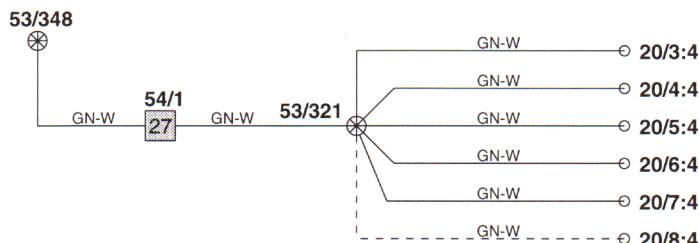
53/319 (Cable harness engine)



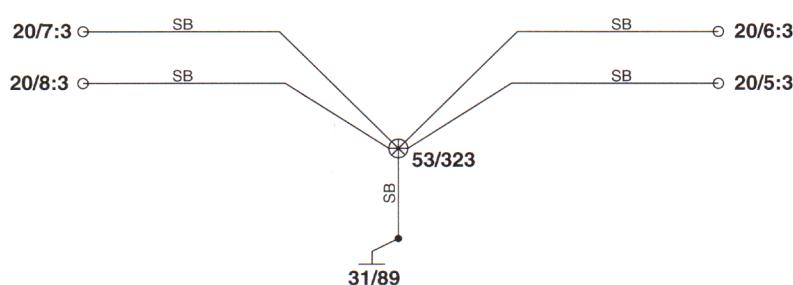
53/320 (Cable harness engine)



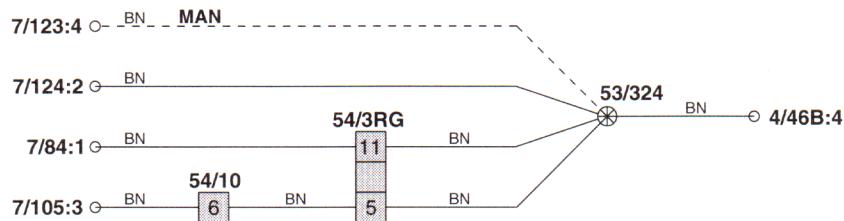
53/321 (Cable harness engine)



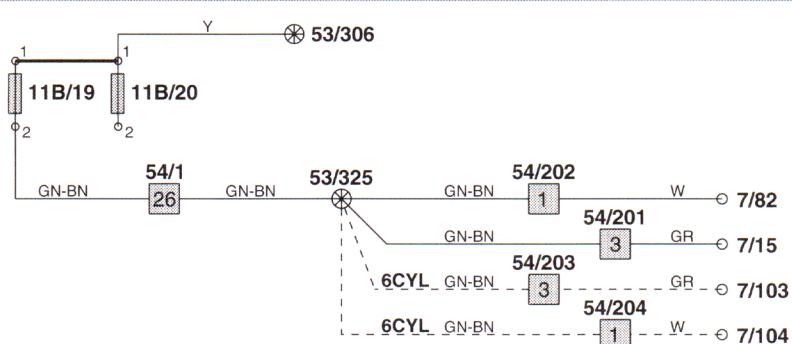
53/323 (Cable harness engine)



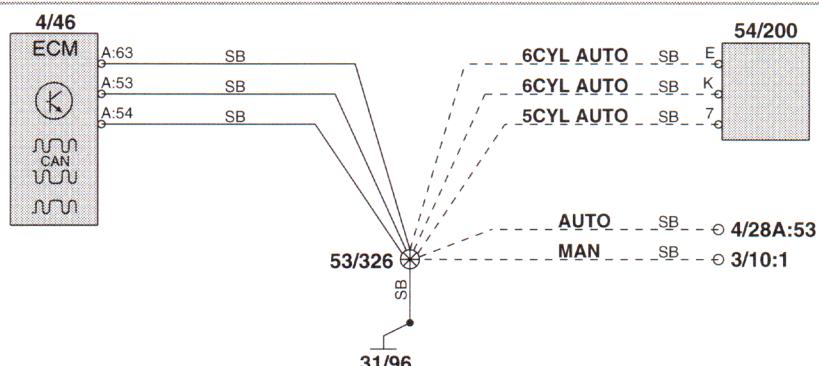
53/324 (Cable harness engine compartment)



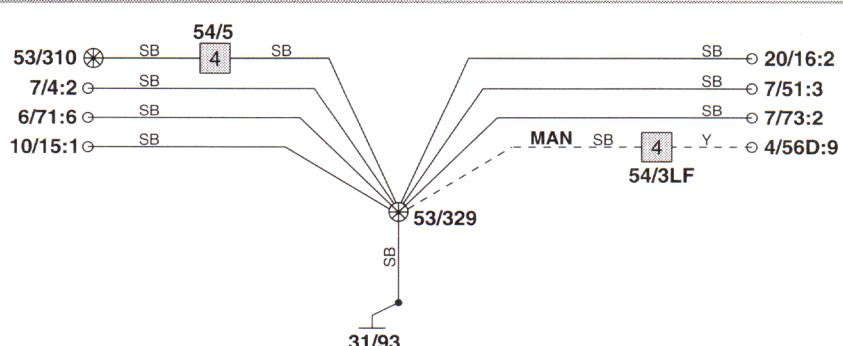
53/325 (Cable harness engine)



53/326 (Cable harness engine)

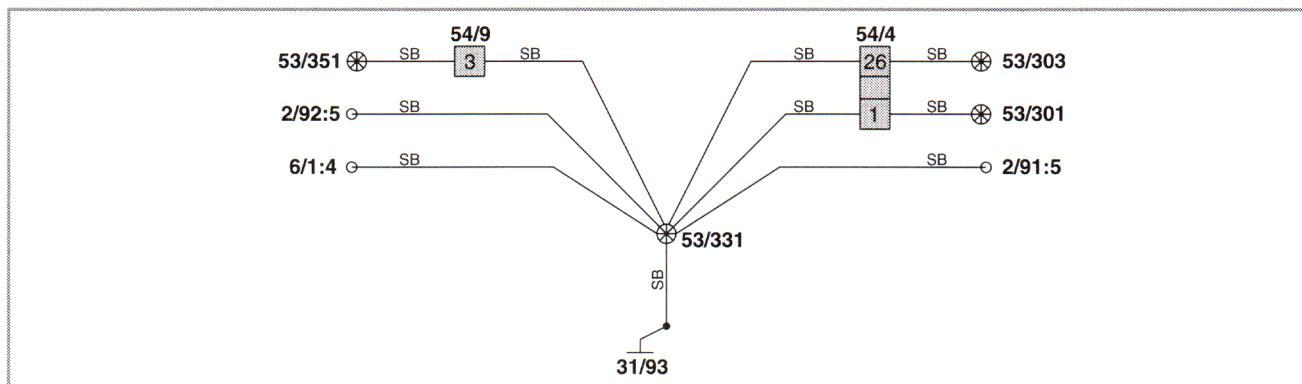


53/329 (Cable harness engine compartment)

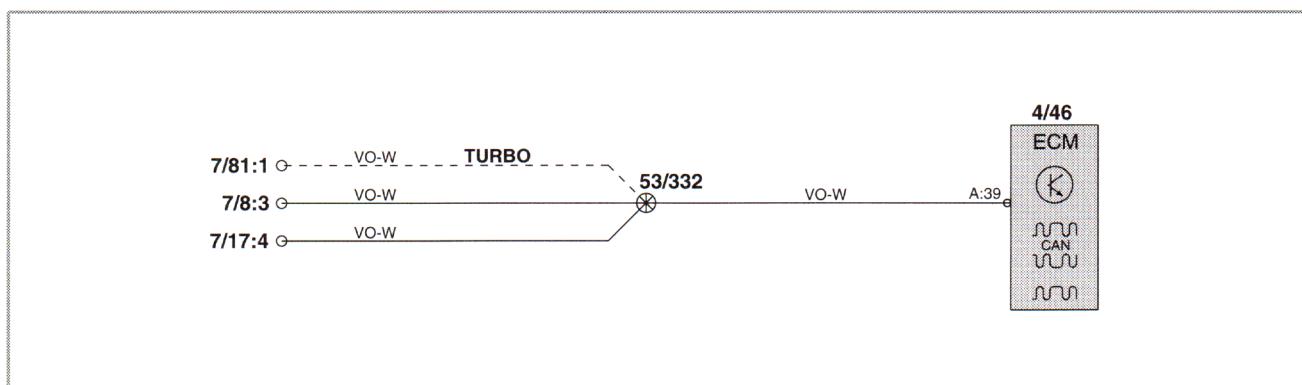


Junction points 53/331-53/341

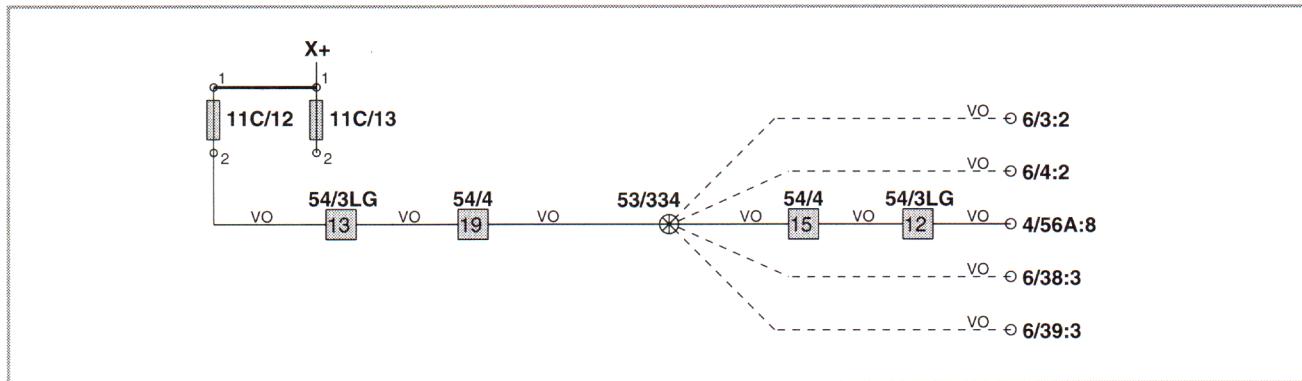
53/331 (Cable harness engine compartment)



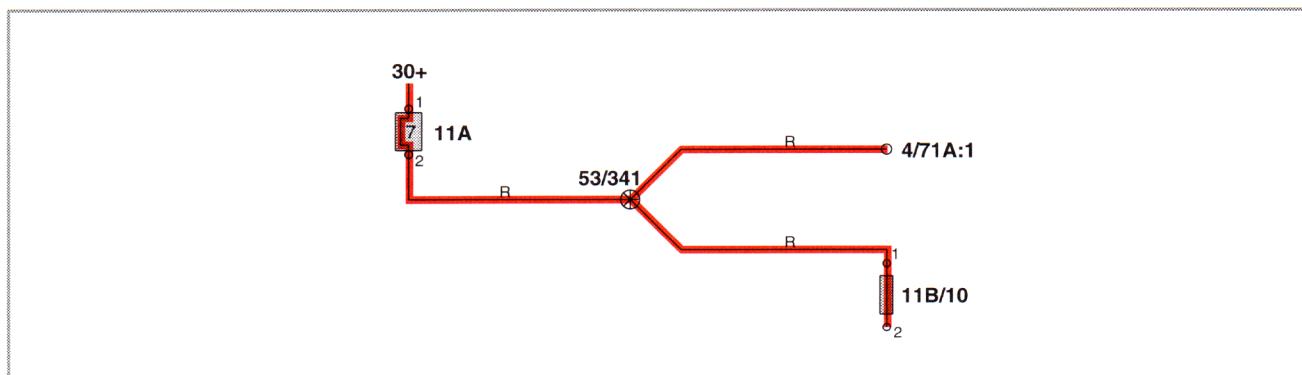
53/332 (Cable harness engine)



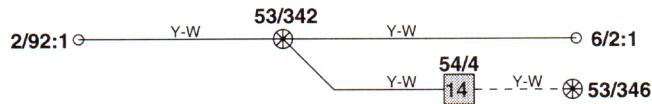
53/334 (Cable harness front)



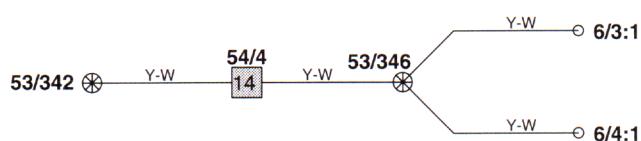
53/341 (Cable harness engine compartment)



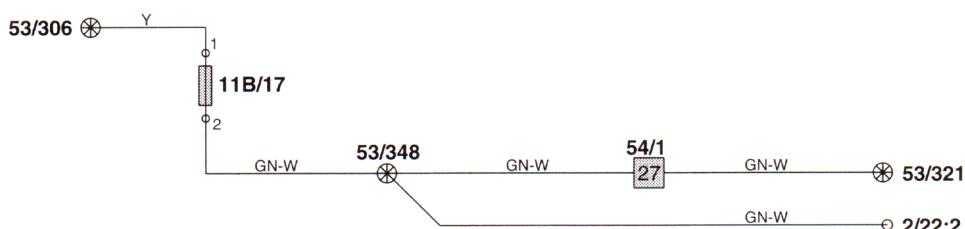
53/342 (Cable harness engine compartment)



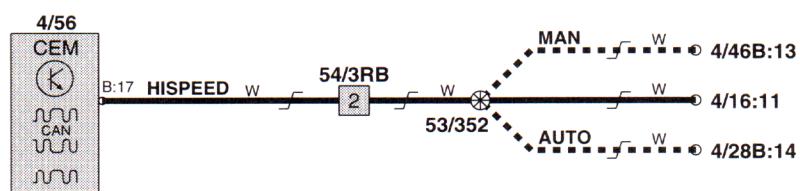
53/346 (Cable harness front)



53/348 (Cable harness engine compartment)

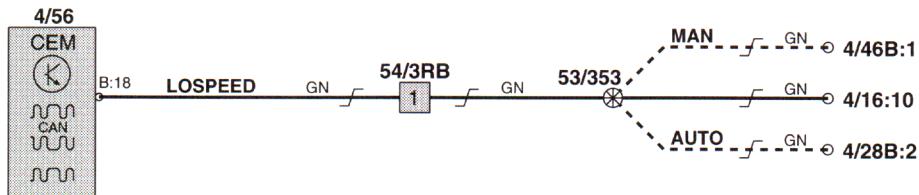


53/352 (Cable harness engine compartment)

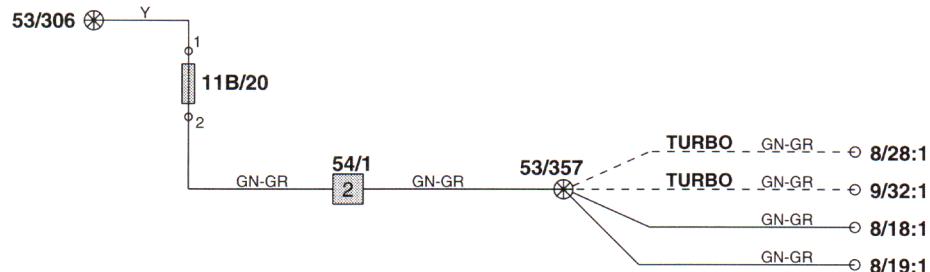


Junction points 53/353-53/361

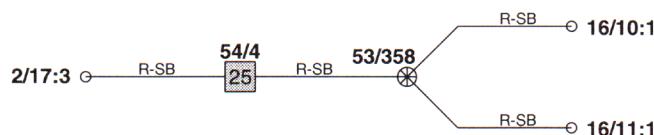
53/353 (Cable harness engine compartment)



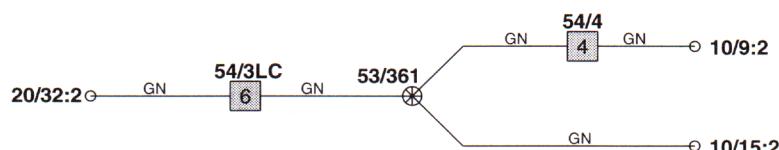
53/357 (Cable harness engine)



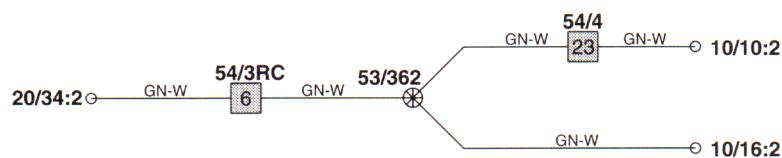
53/358 (Cable harness front)



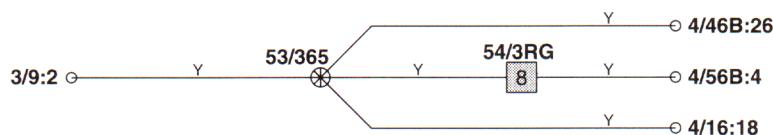
53/361 (Cable harness engine compartment)



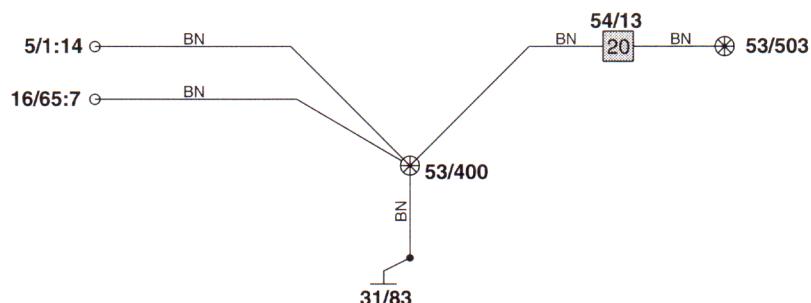
53/362 (Cable harness engine compartment)



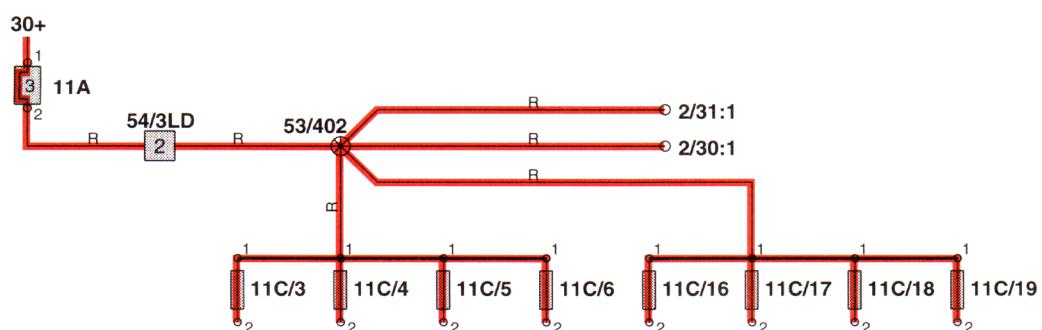
53/365 (Cable harness engine compartment)



53/400 (Cable harness passenger compartment)

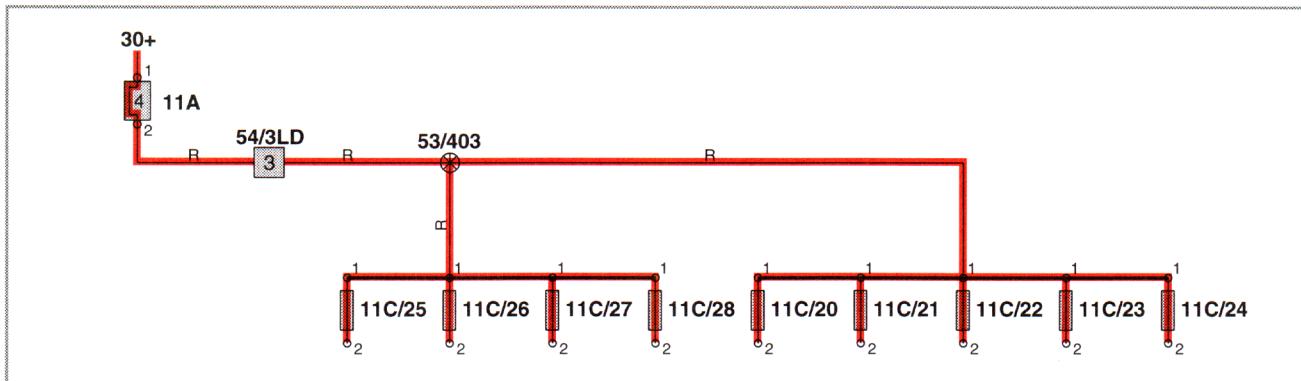


53/402 (Cable harness passenger compartment)

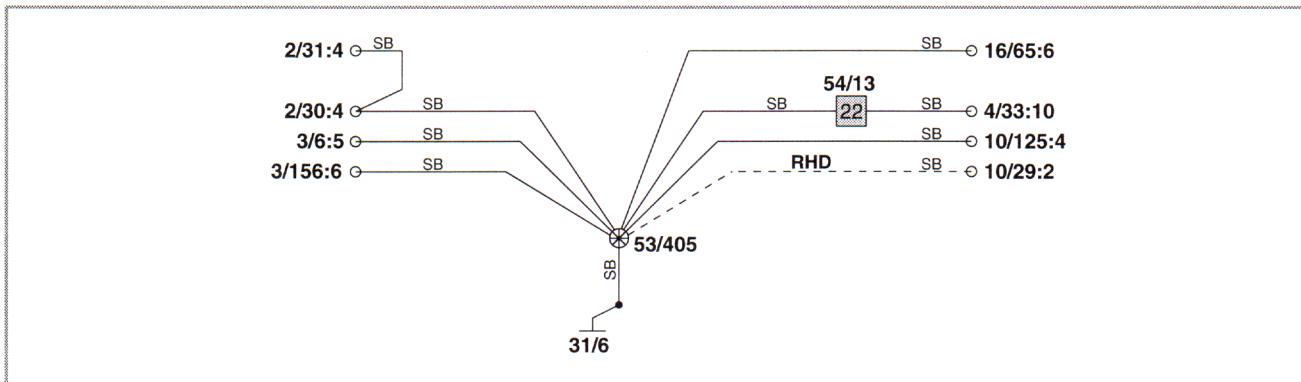


Junction points 53/403-53/407

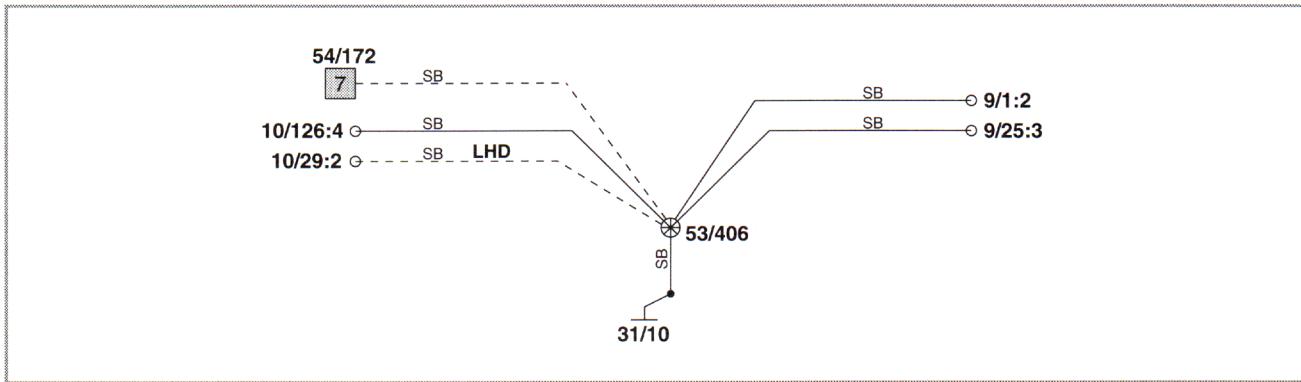
53/403 (Cable harness passenger compartment)



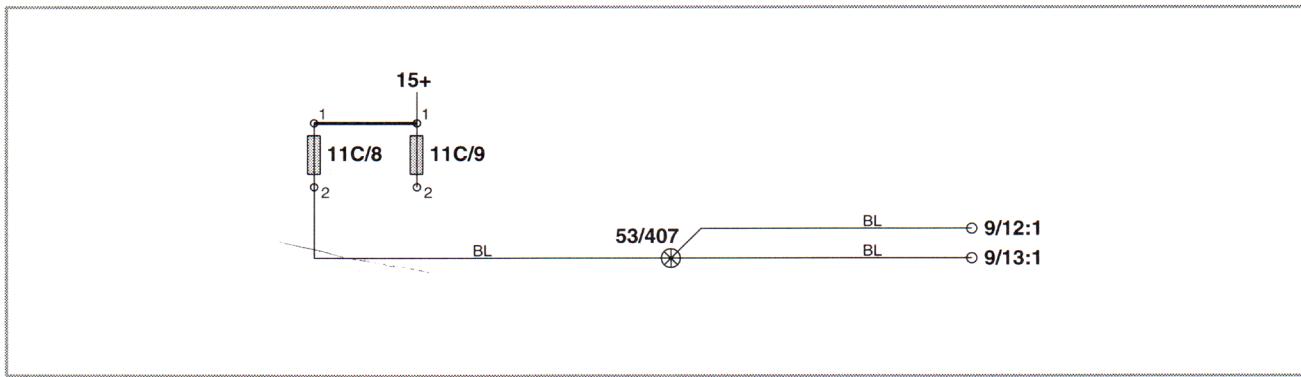
53/405 (Cable harness passenger compartment)



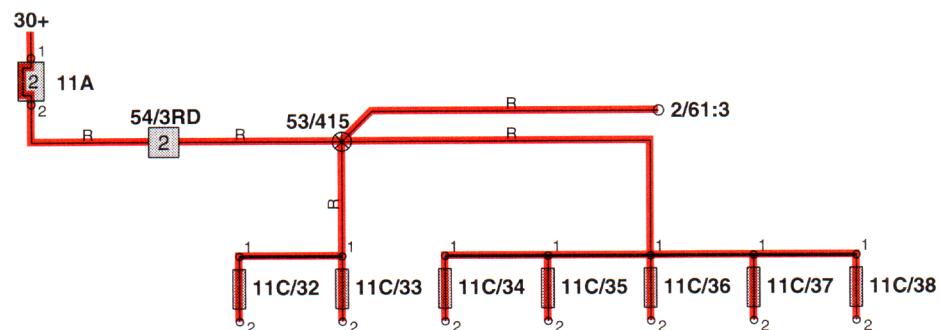
53/406 (Cable harness passenger compartment)



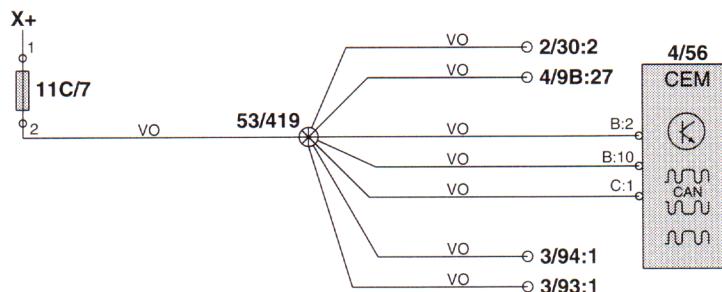
53/407 (Cable harness passenger compartment)



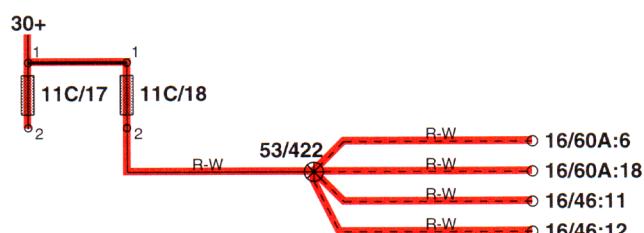
53/415 (Cable harness passenger compartment)



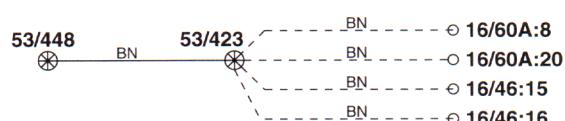
53/419 (Cable harness passenger compartment)



53/422 (Cable harness passenger compartment)

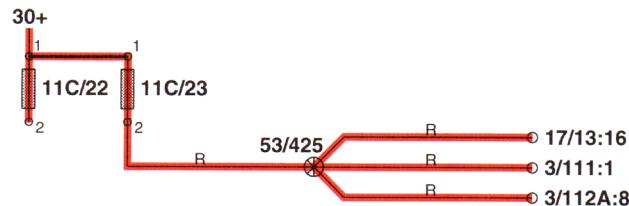


53/423 (Cable harness passenger compartment)

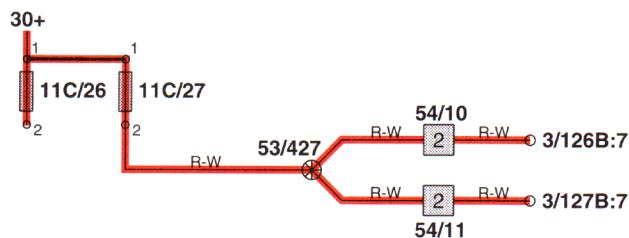


Junction points 53/425-53/433

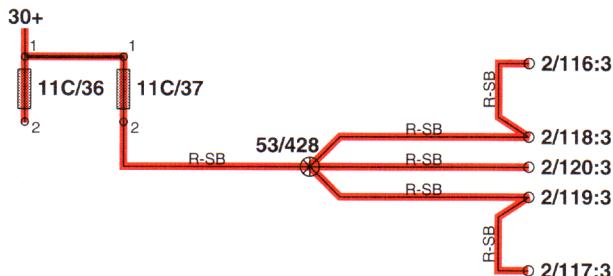
53/425 (Cable harness passenger compartment)



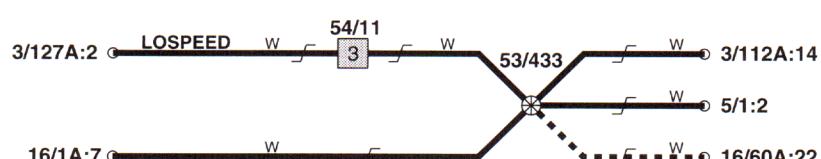
53/427 (Cable harness passenger compartment)



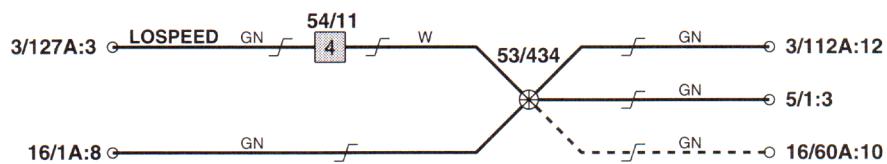
53/428 (Cable harness passenger compartment)



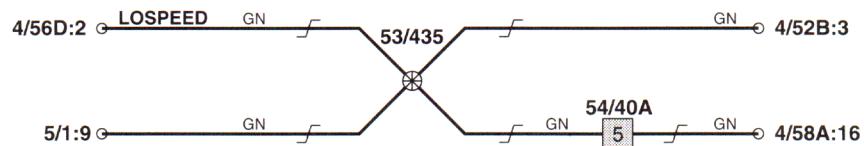
53/433 (Cable harness passenger compartment)



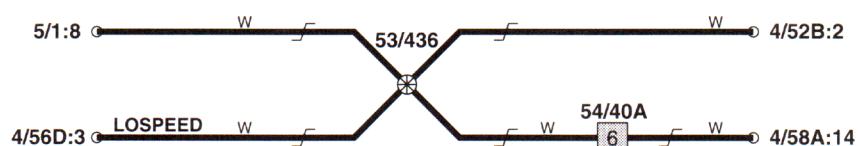
53/434 (Cable harness passenger compartment)



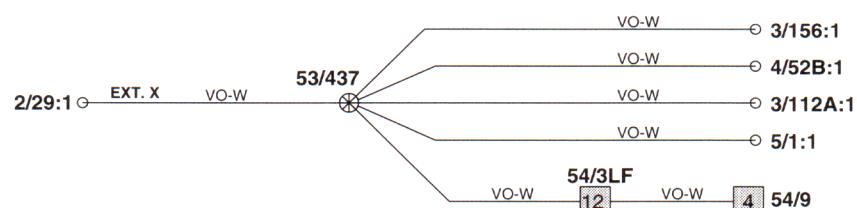
53/435 (Cable harness passenger compartment)



53/436 (Cable harness passenger compartment)

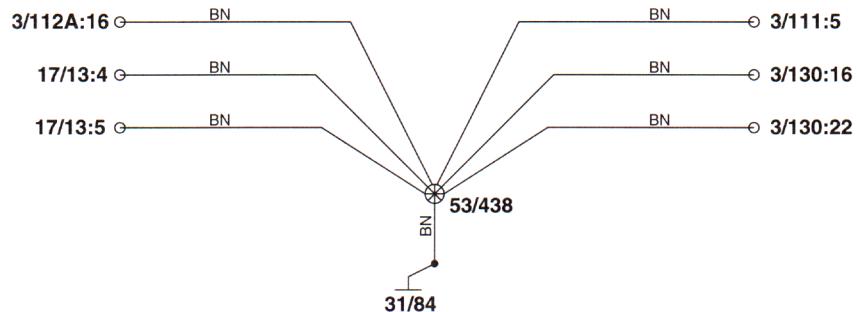


53/437 (Cable harness passenger compartment)

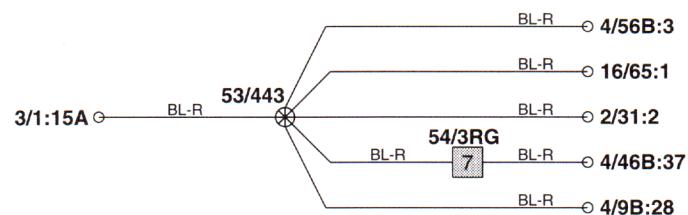


Junction points 53/438-53/448

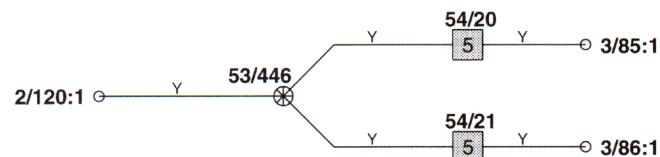
53/438 (Cable harness passenger compartment)



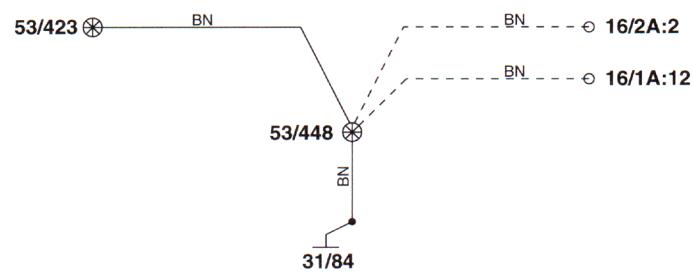
53/443 (Cable harness passenger compartment)



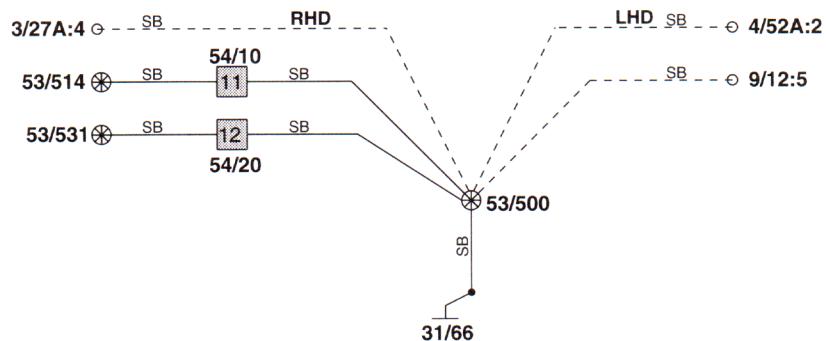
53/446 (Cable harness passenger compartment)



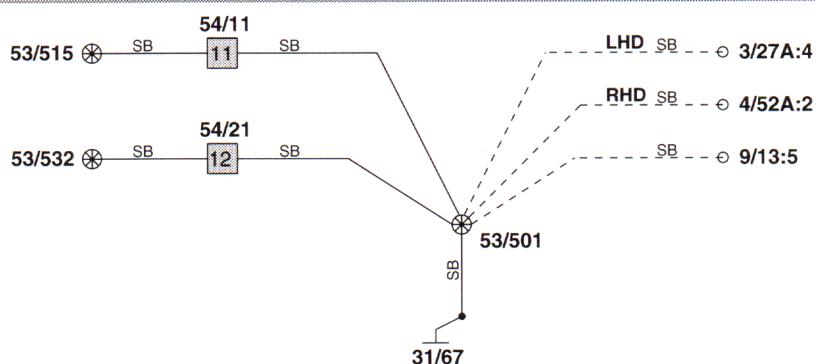
53/448 (Cable harness passenger compartment)



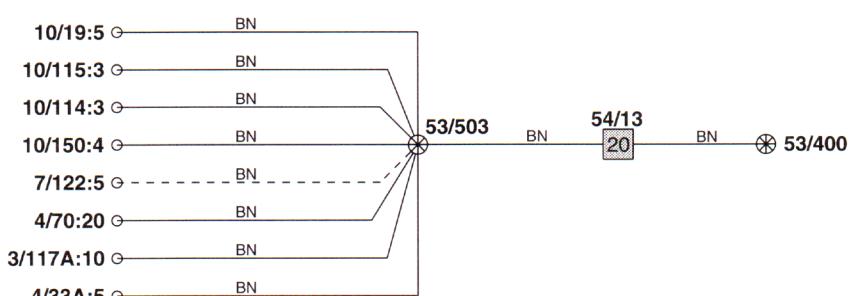
53/500 (Cable harness passenger compartment)



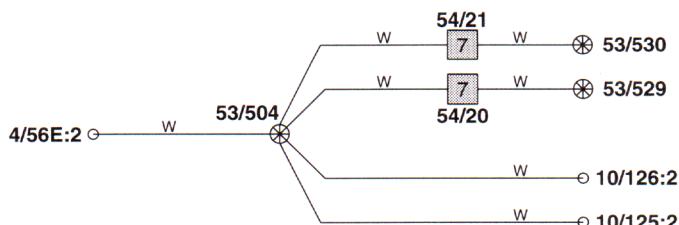
53/501 (Cable harness passenger compartment)



53/503 (Cable harness roof)

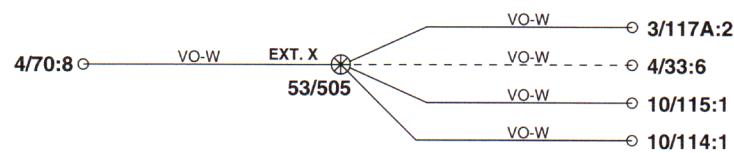


53/504 (Cable harness passenger compartment)

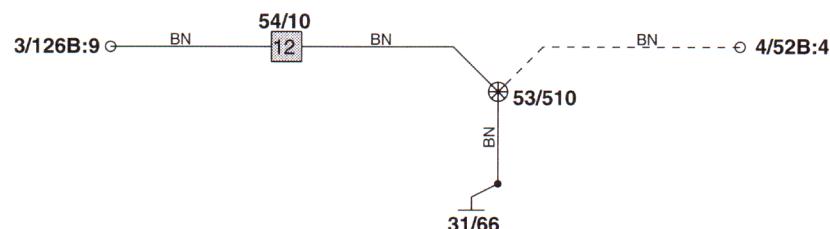


Junction points 53/505-53/514

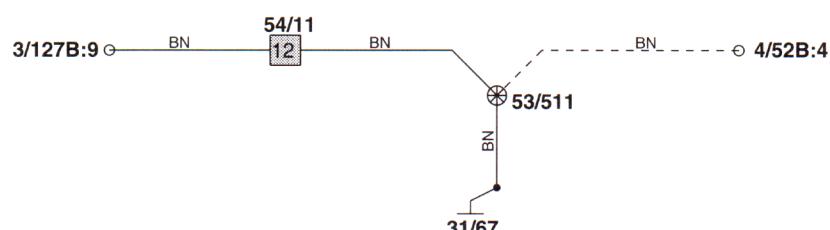
53/505 (Cable harness roof)



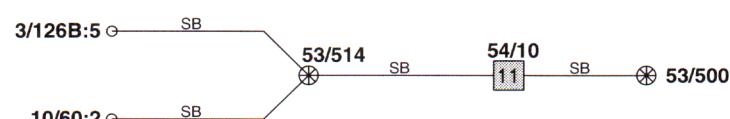
53/510 (Cable harness passenger compartment)



53/511 (Cable harness passenger compartment)

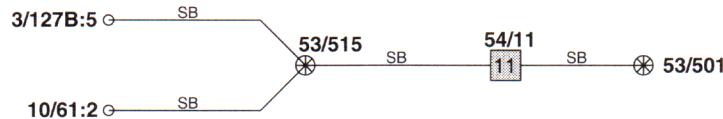


53/514 (Cable harness left front door)

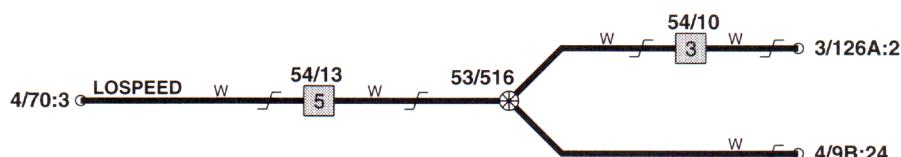


**Junction points
53/515-53/519**

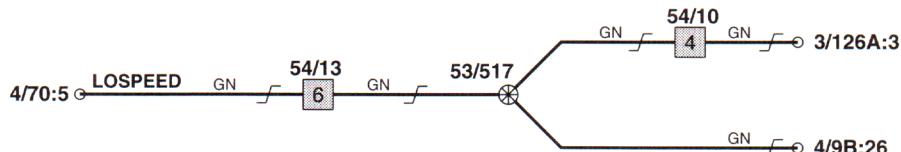
53/515 (Cable harness right front door)



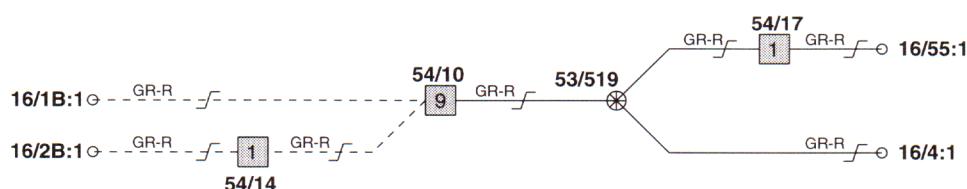
53/516 (Cable harness passenger compartment)



53/517 (Cable harness passenger compartment)

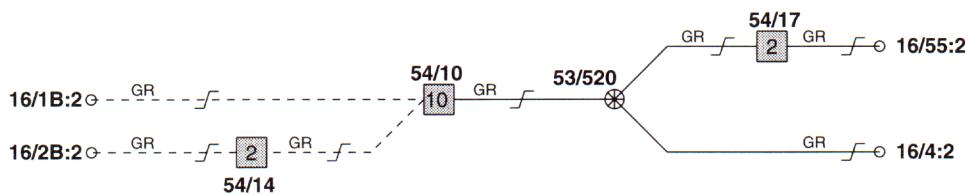


53/519 (Cable harness left front door)

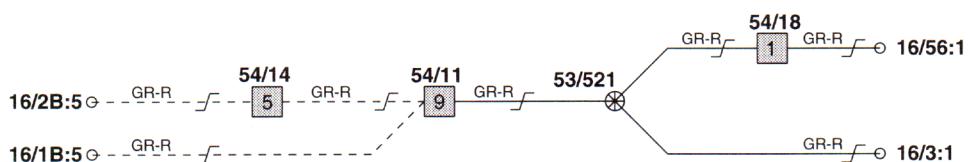


Junction points 53/520-53/523

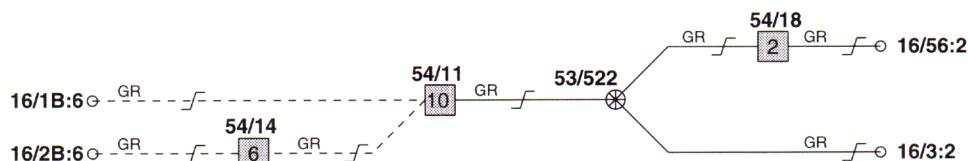
53/520 (Cable harness left front door)



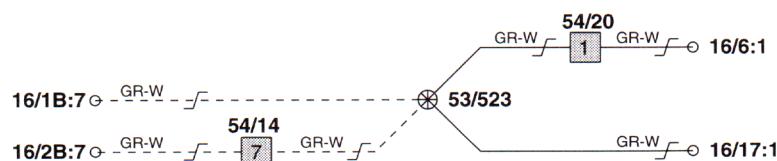
53/521 (Cable harness right front door)



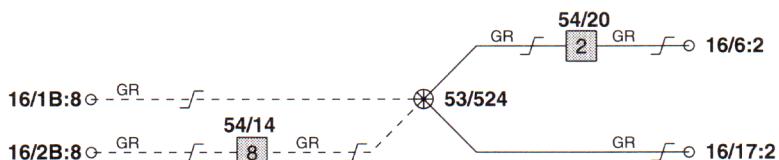
53/522 (Cable harness right front door)



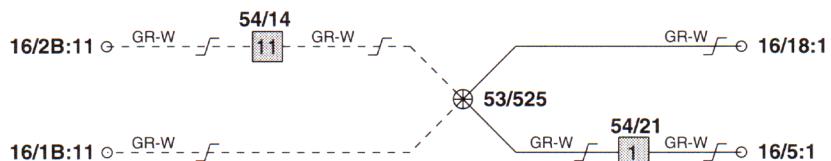
53/523 (Cable harness passenger compartment)



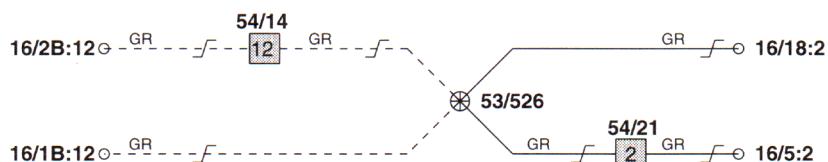
53/524 (Cable harness passenger compartment)



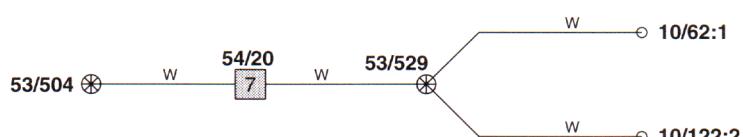
53/525 (Cable harness passenger compartment)



53/526 (Cable harness passenger compartment)

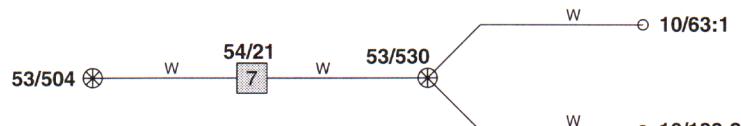


53/529 (Cable harness left rear door)

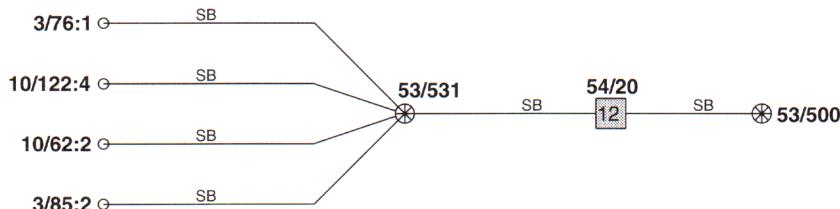


Junction points 53/530-53/533

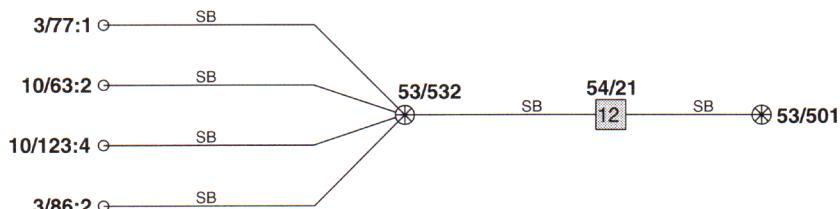
53/530 (Cable harness right rear door)



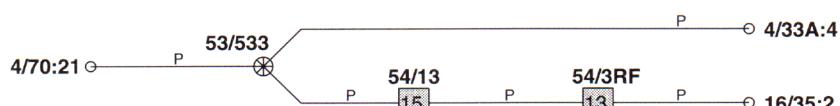
53/531 (Cable harness left rear door)



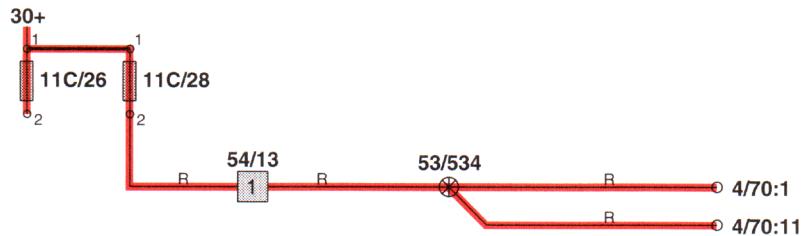
53/532 (Cable harness right rear door)



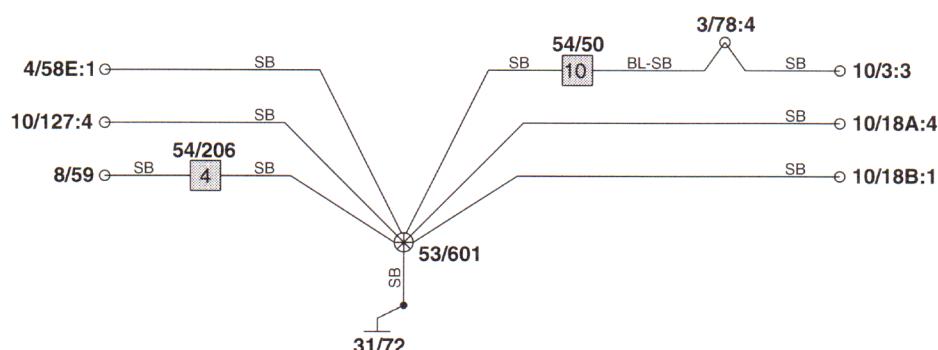
53/533 (Cable harness roof)



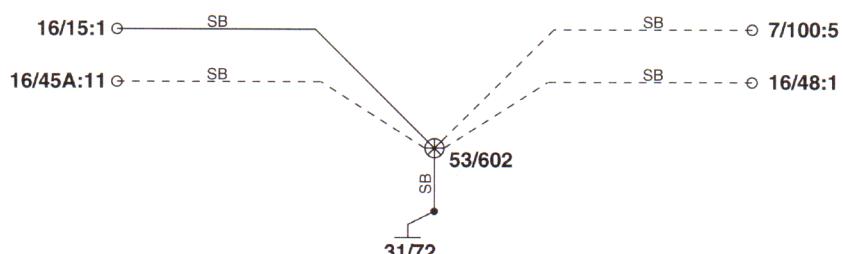
53/534 (Cable harness roof)



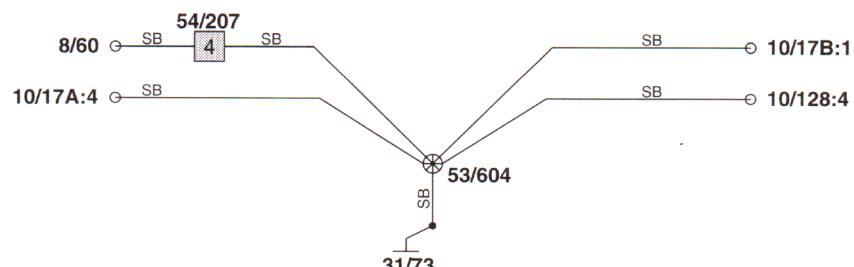
53/601 (Cable harness cargo compartment)



53/602 (Cable harness cargo compartment)

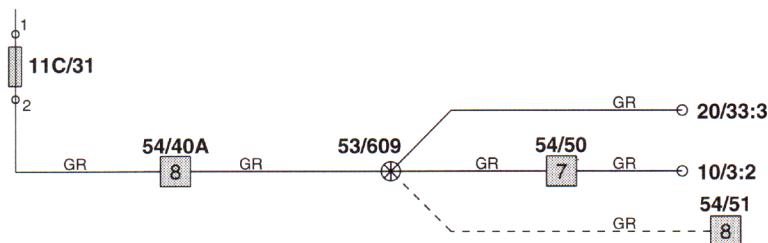


53/604 (Cable harness cargo compartment)

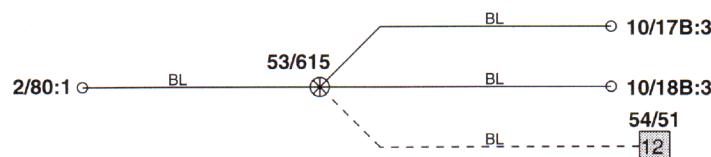


Junction points 53/609-53/624

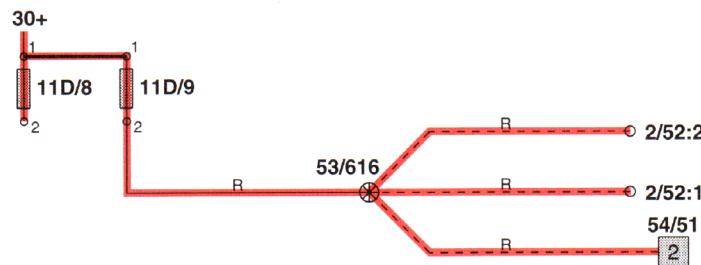
53/609 (Cable harness cargo compartment)



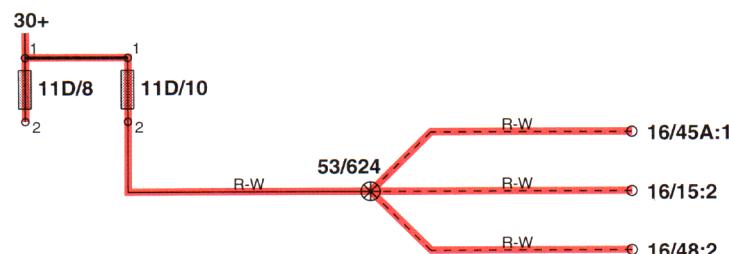
53/615 (Cable harness cargo compartment)



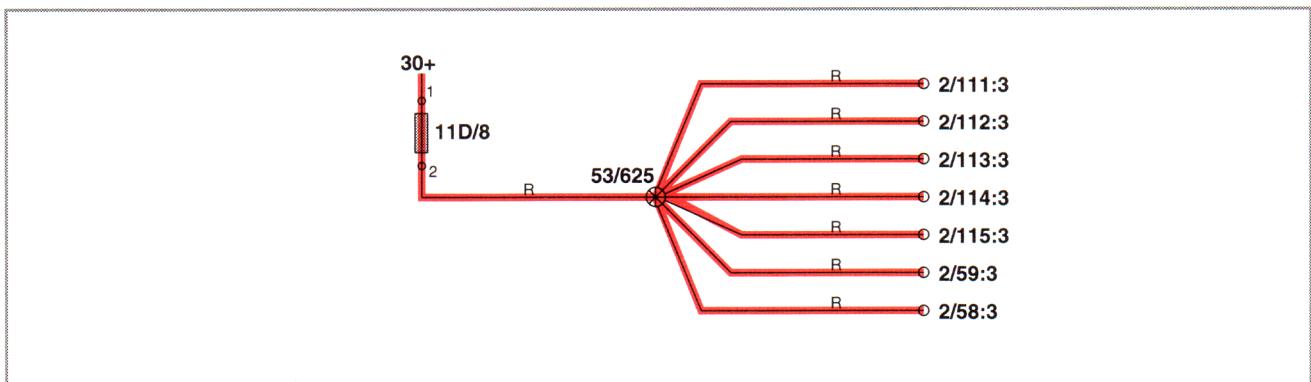
53/616 (Cable harness cargo compartment)



53/624 (Cable harness cargo compartment)

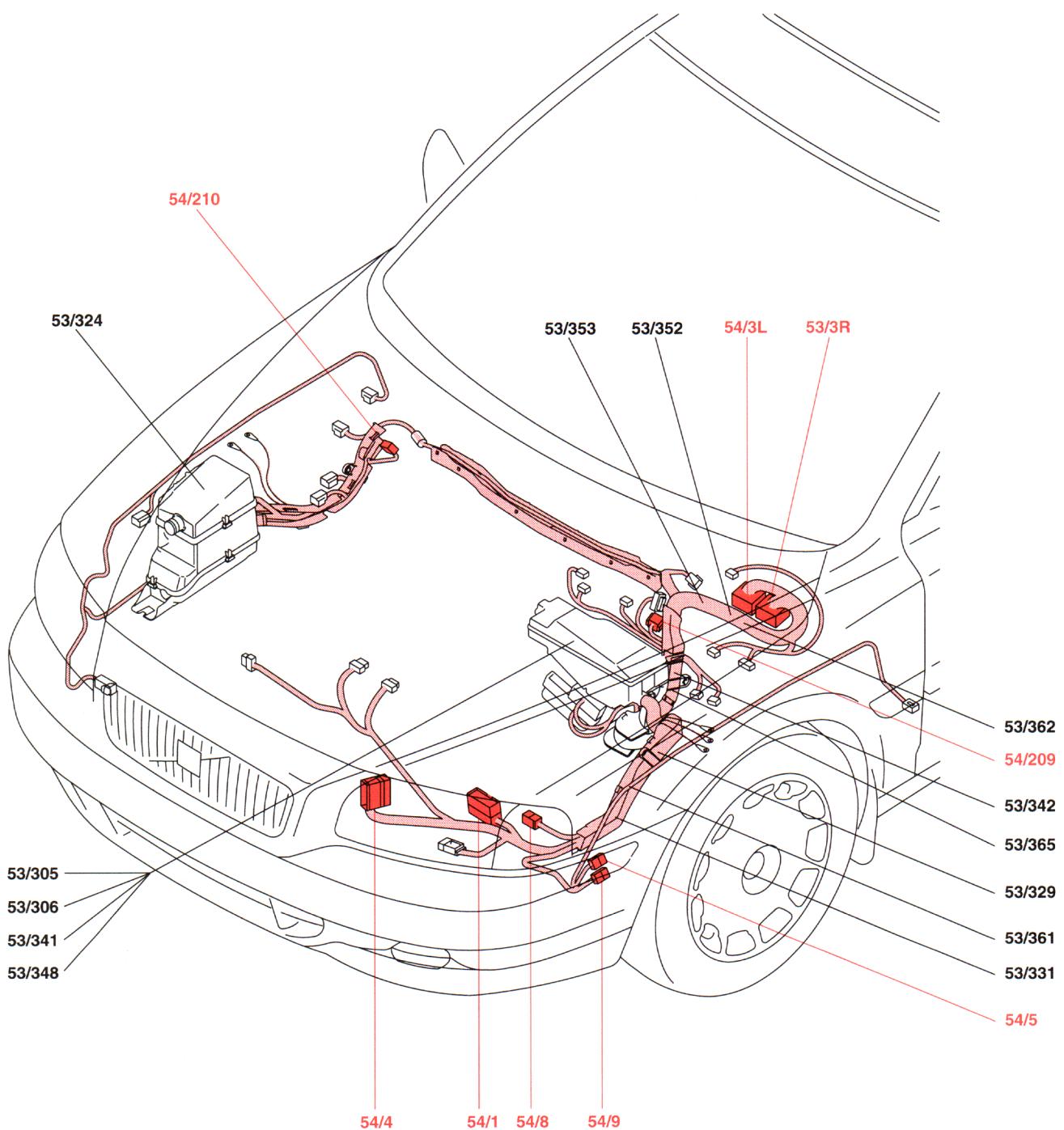


53/625 (Cable harness cargo compartment)



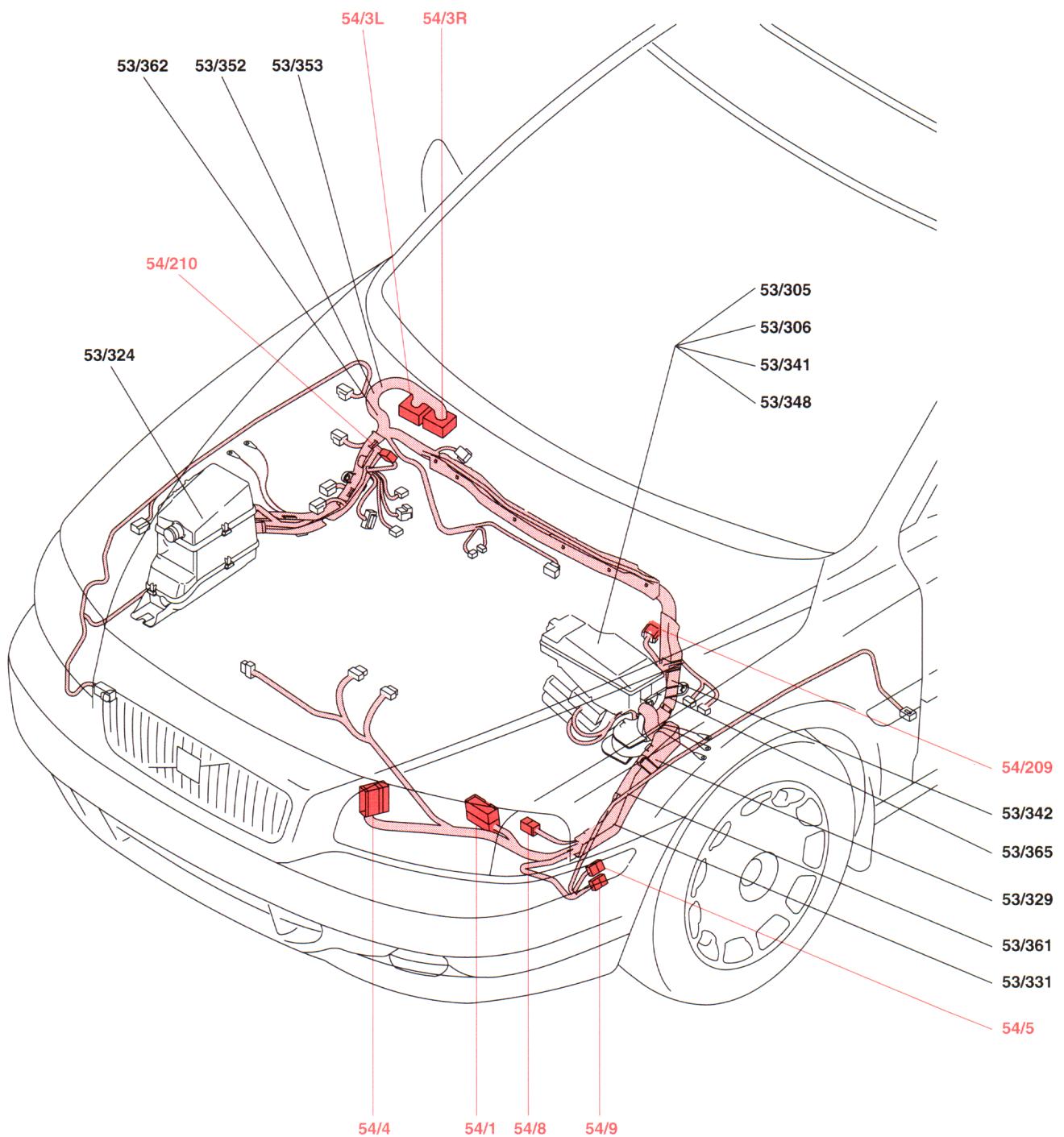
Routing of cable harnesses in the car

Engine compartment harness (LHD)

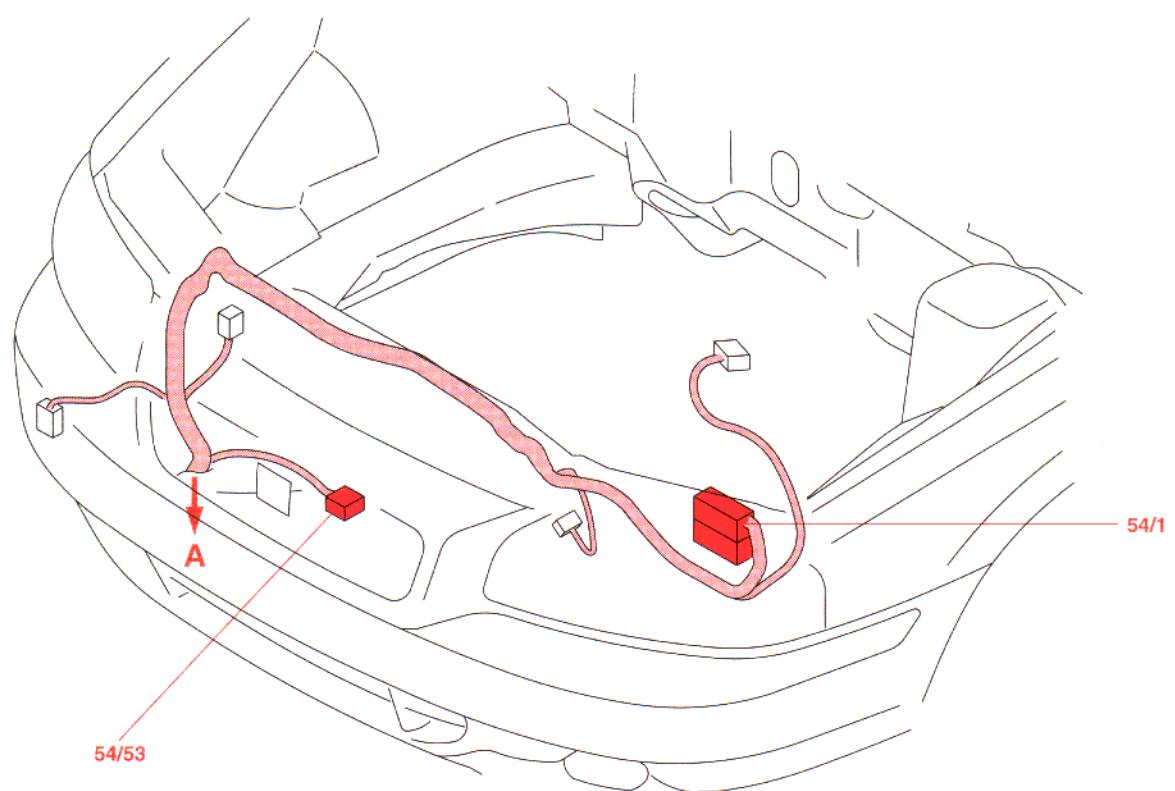
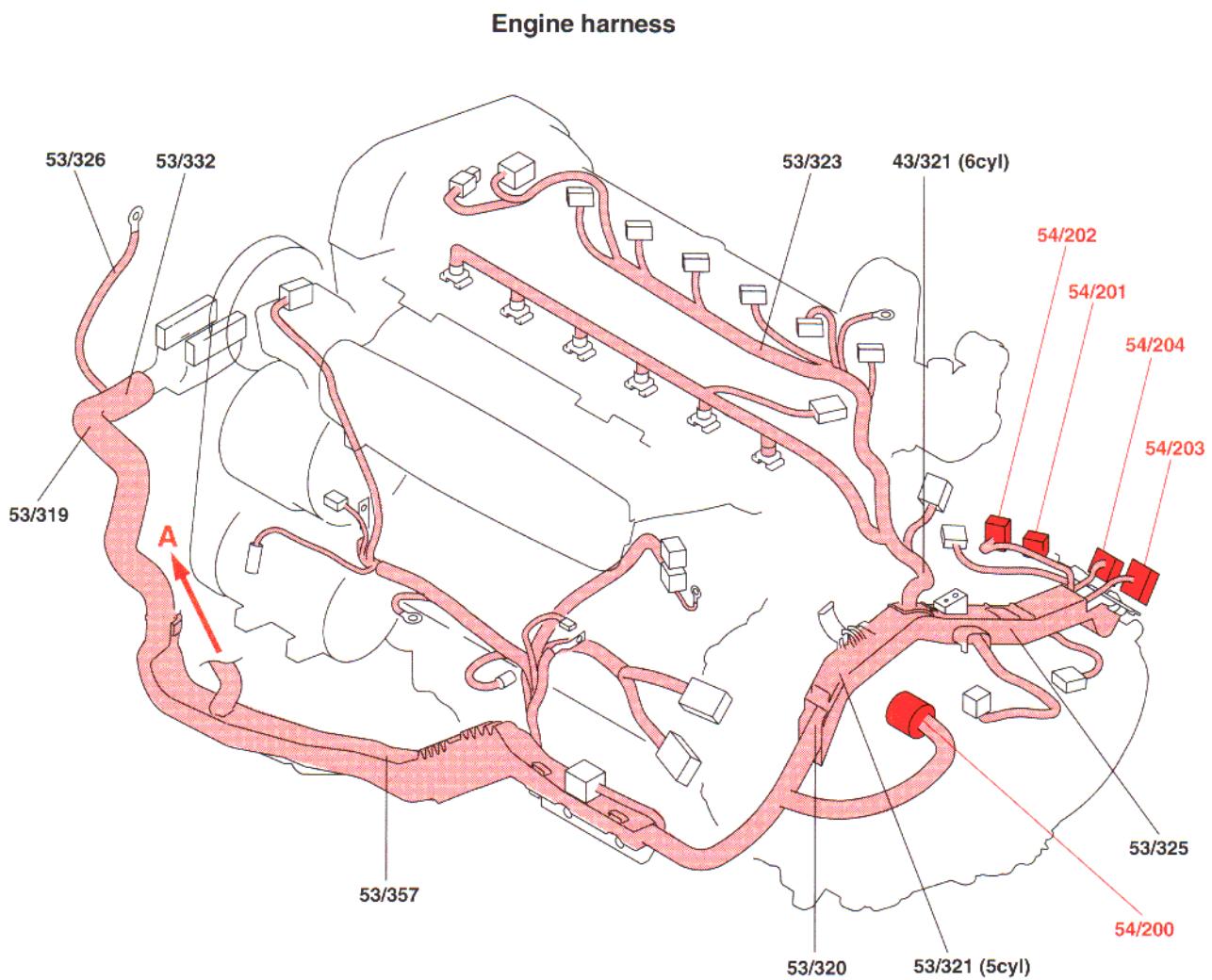


Routing of cable harnesses in the car

Engine compartment harness (RHD)

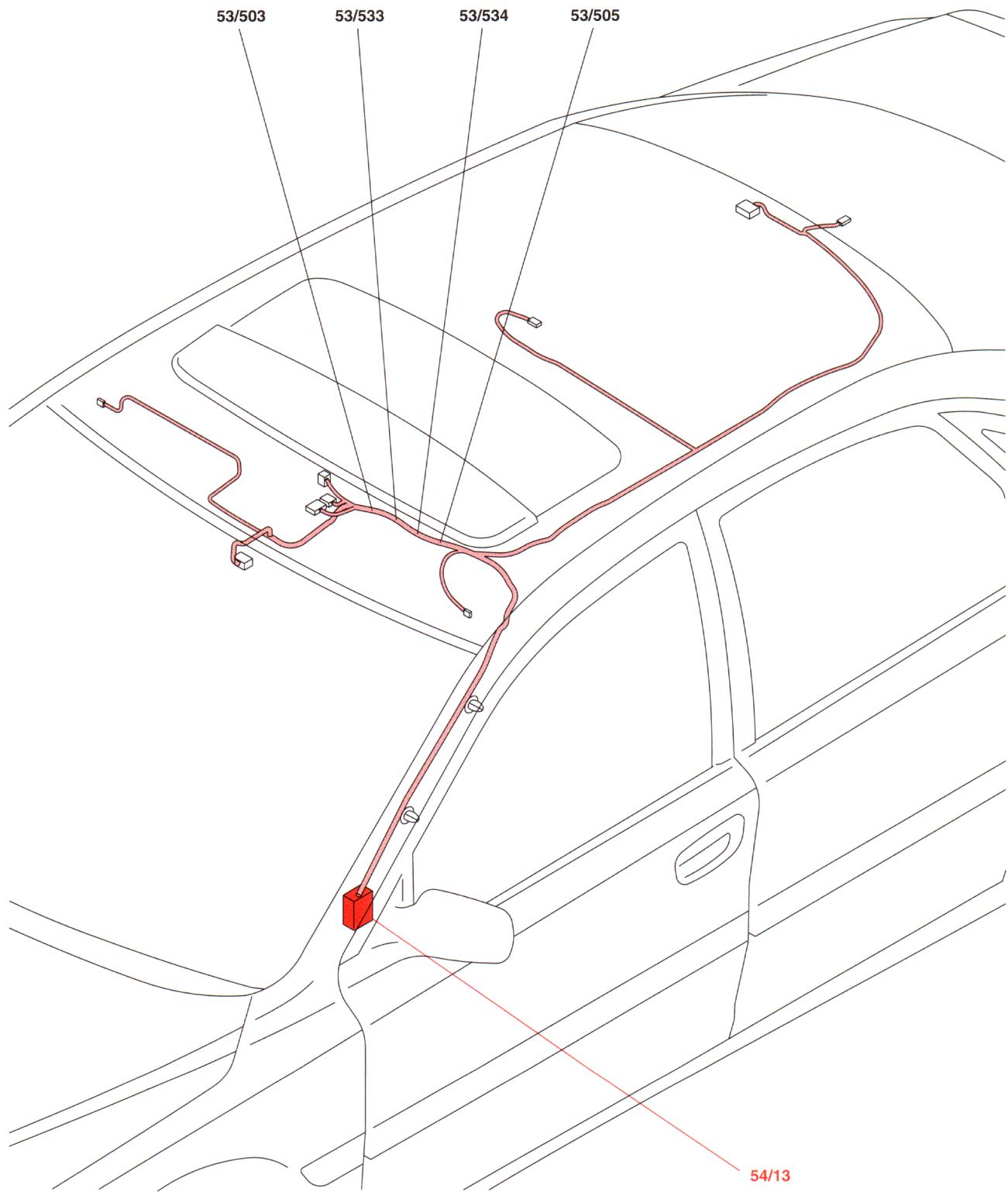


Routing of cable harnesses in the car



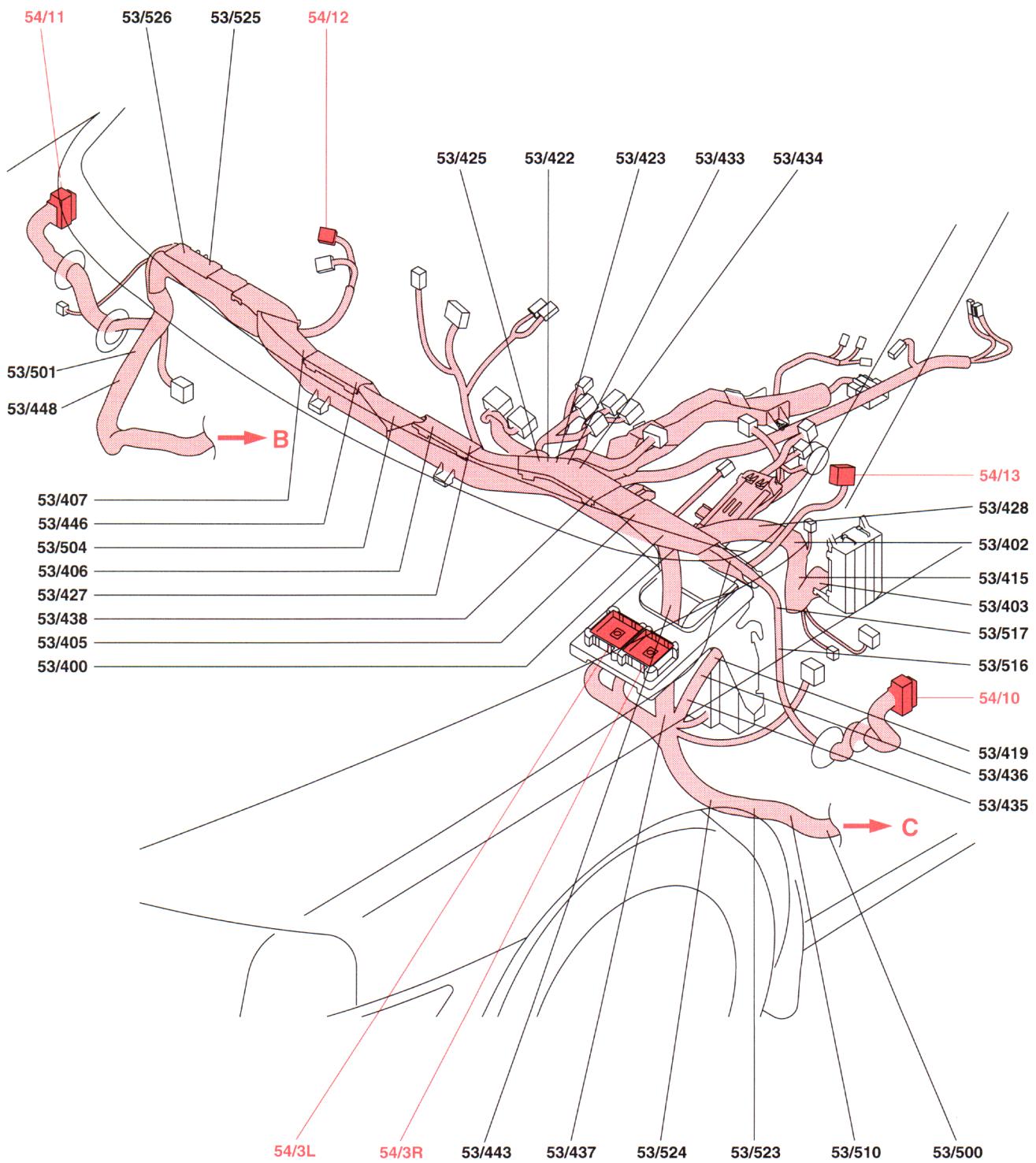
Routing of cable harnesses in the car

Roof harness



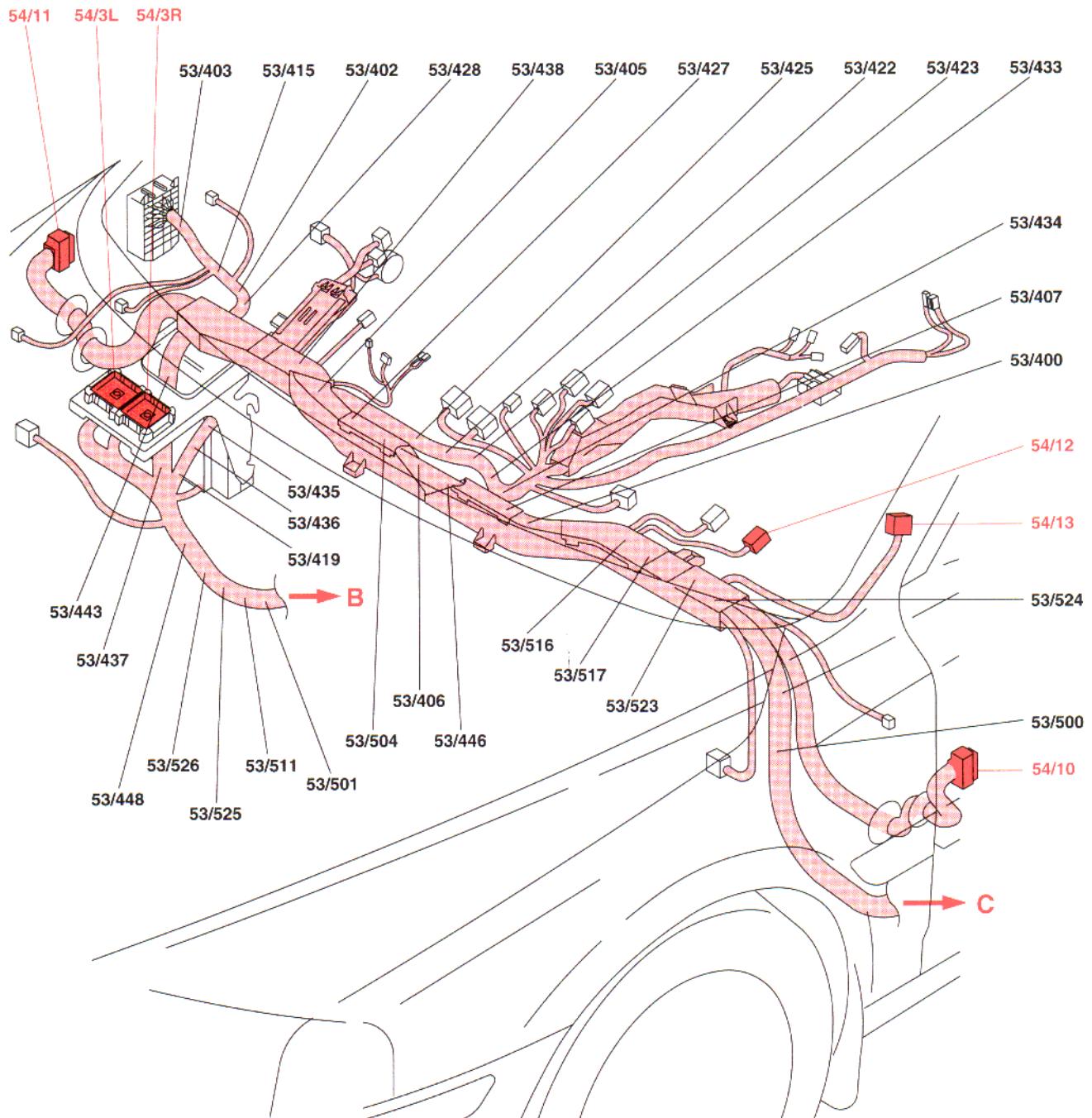
Routing of cable harnesses in the car

Passenger compartment cable harness, front section (LHD)



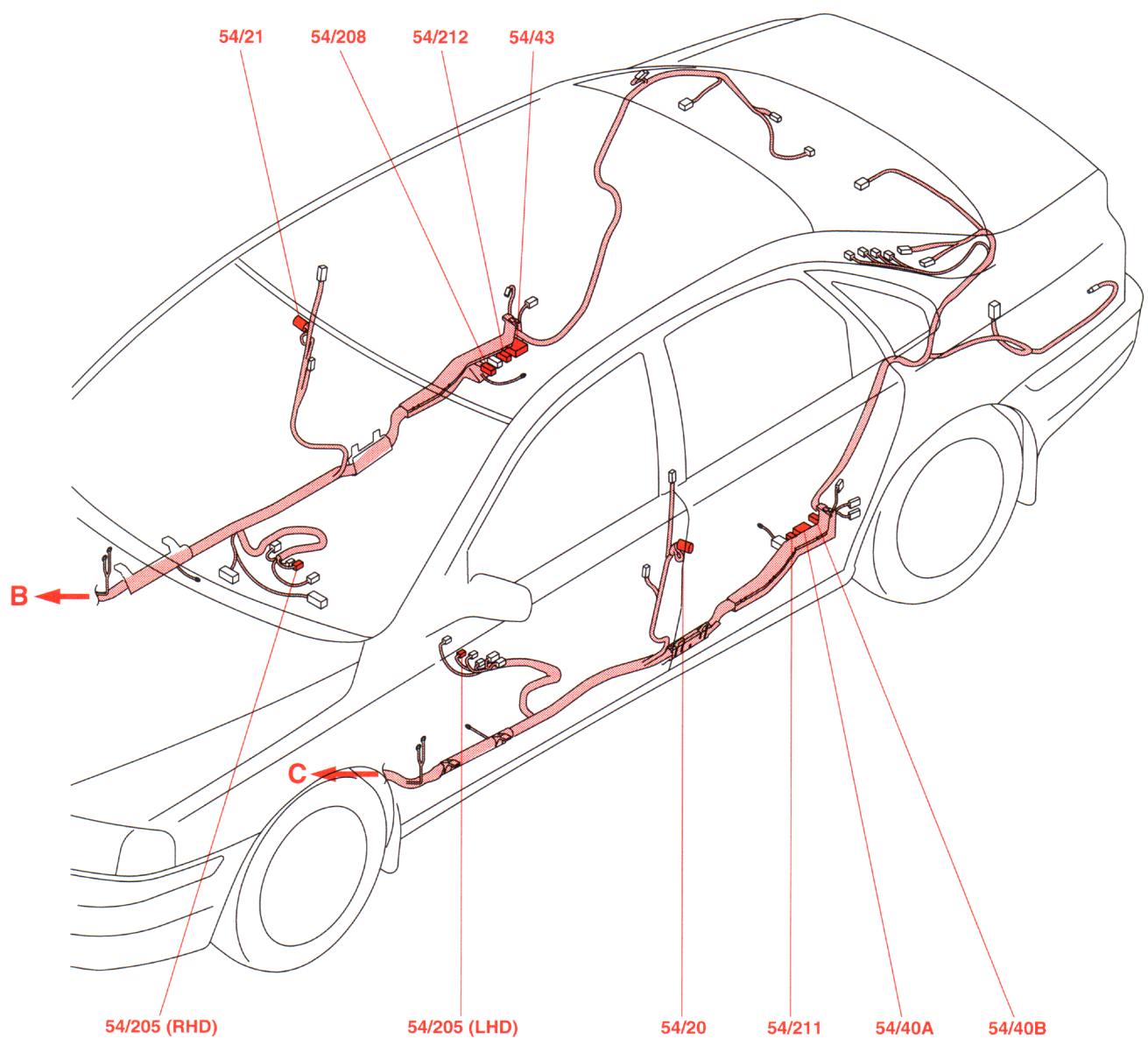
Routing of cable harnesses in the car

Passenger compartment cable harness, front section (RHD)



Routing of cable harnesses in the car

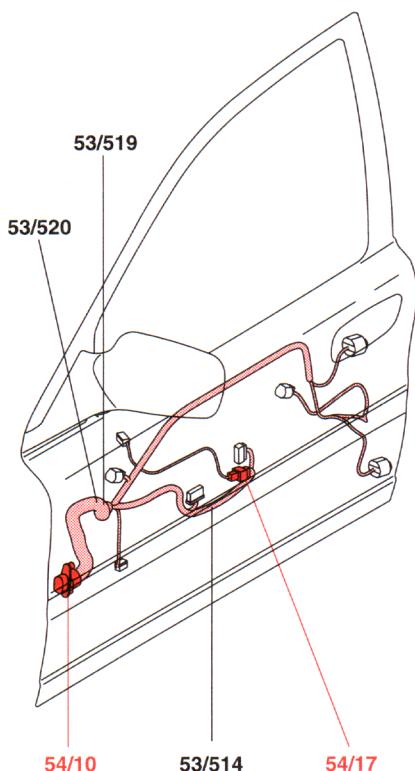
Passenger compartment cable harness, rear section



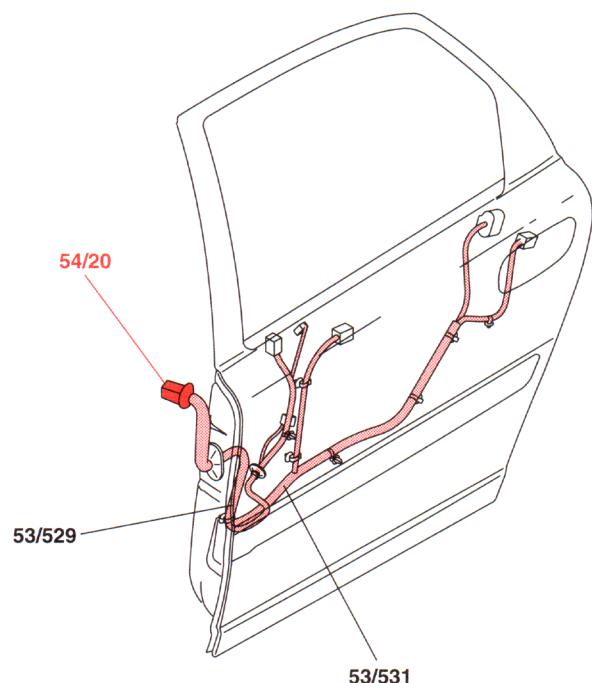
Routing of cable harnesses in the car

Left front door harness

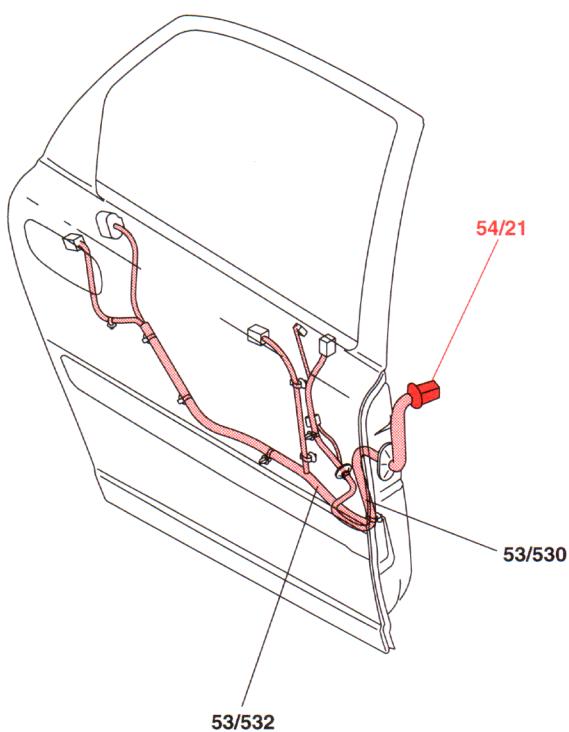
Left door panel cable harness



Left rear door harness

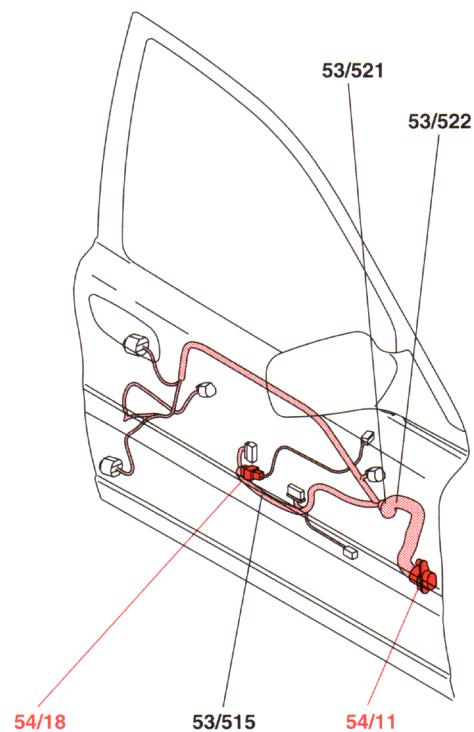


Right rear door harness



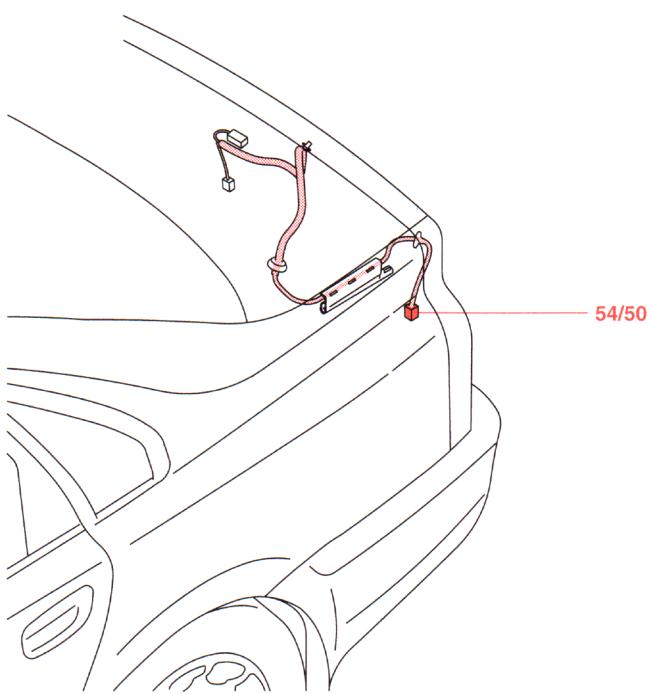
Right front door harness

Right door panel cable harness

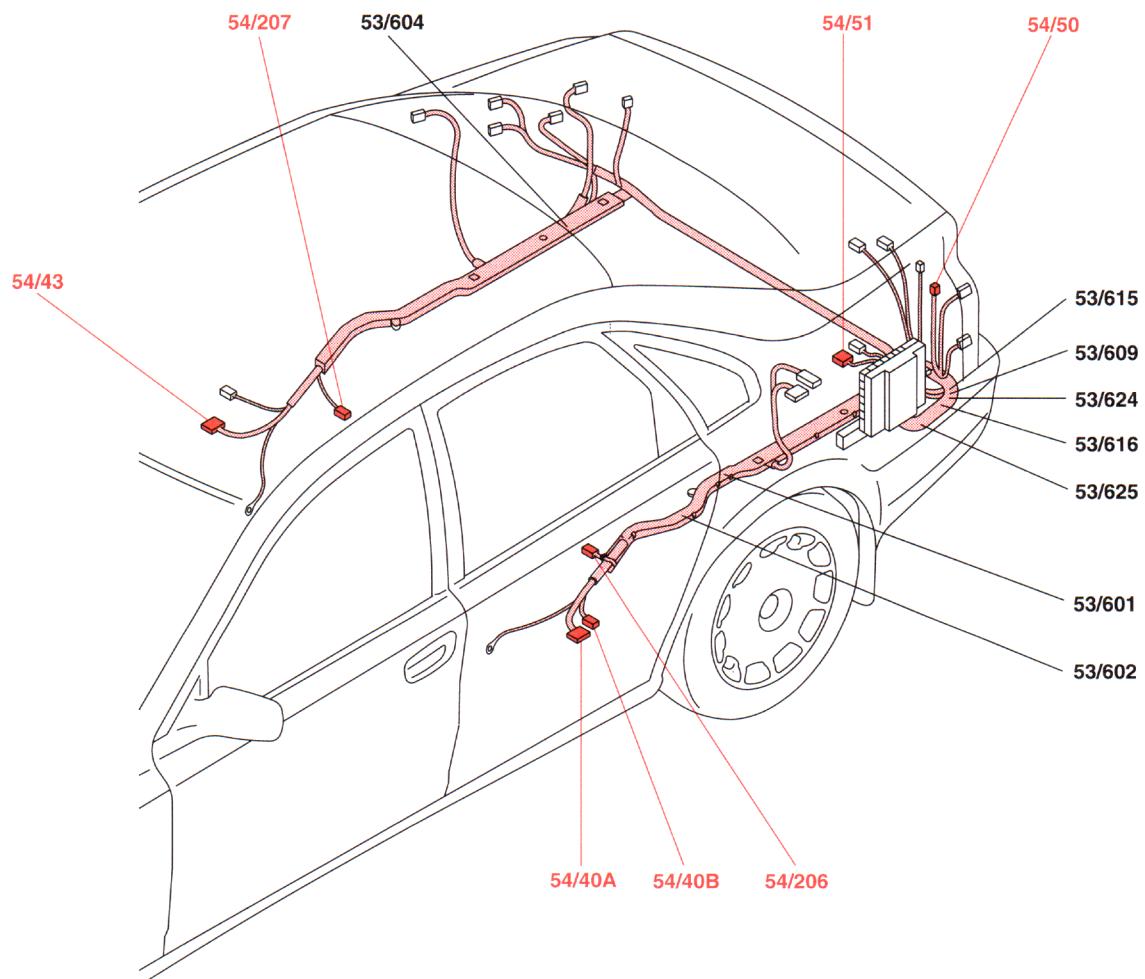


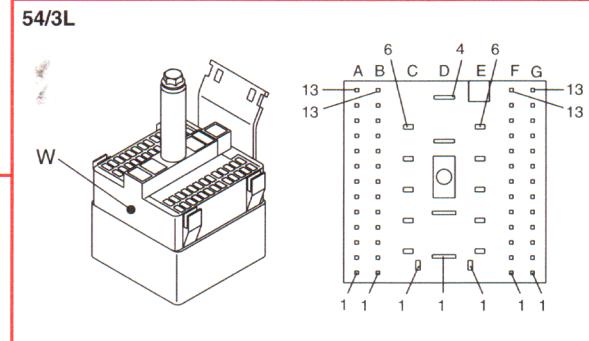
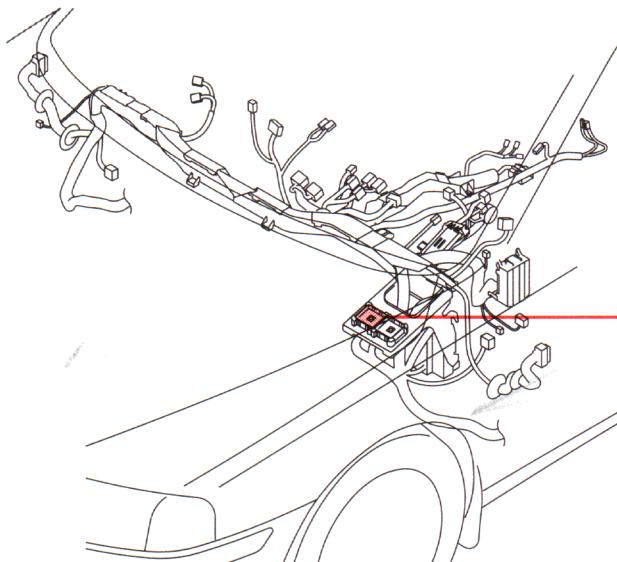
Routing of cable harnesses in the car

Trunk lid cable harness



Cargo compartment cable harness





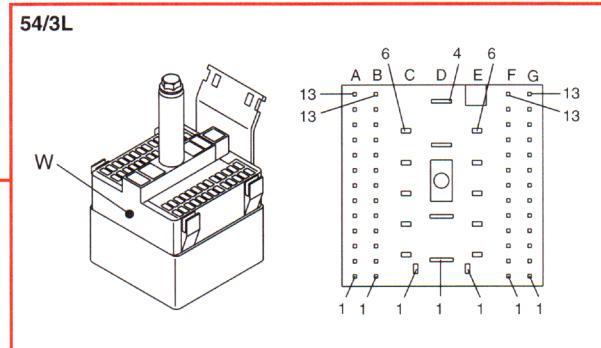
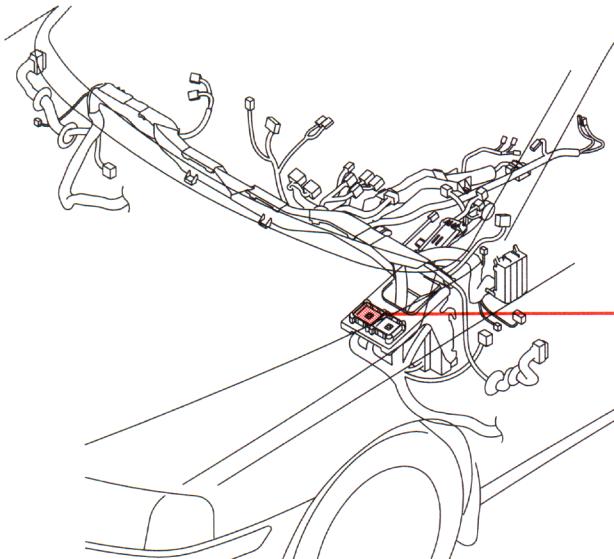
**54/3LA White 13-pin
Passenger compartment harness - Engine compartment harness**

Term.	Female	Male	Color
1-6	-	-	-
7	Central electronic module (CEM) A:19	Relay signal horn terminal 4	Y
8	Central electronic module (CEM) A:3	Relay signal horn terminal 4	BN-W
9-10	-	-	-
11	Central electronic module (CEM) A:19	Relay signal horn terminal 4	BL
12	Central electronic module (CEM) A:14	Relay windshield wiper low/high speed terminal 4	Y
13	Central electronic module (CEM) A:13	Relay windshield wiper intermittent terminal 4	GR

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

Term.	Female	Male	Color
1-8	-	-	-
9	ABS sensor, right rear terminal 1	ABS control module terminal 22	BN
10	ABS sensor, right rear terminal 2	ABS control module terminal 23	SB
11	ABS sensor, left rear terminal 1	ABS control module terminal 6	BN
12	ABS sensor, left rear terminal 2	ABS control module terminal 5	SB
13	Fuse 11C/9:2	ABS control module terminal 4	BL

Connector 54/3L



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

Term.	Female	Male	Color
1	EVAP canister shut-off valve term 1	Fuse 11B/20:2	GN-GR
2	Relay high beam terminal 3	Fuse 11B/1:2	R
3	Relay high beam terminal 3	Fuse 11B/2:2	R-W
4-5	-	-	-
6	Shunt left turn signal lamp Central electronic module term 2	Via junction point 53/361: Connector 54/4:4 Left side turn signal flasher term 2	GN

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

Term.	Female	Male	Color
1	-	-	-
2	Via junction point 53/402: Overload relay X-supply terminal 1 Overload relay X-supply terminal 1 Fuse 11C/4:1 Fuse 11C/17:1	Fuse 11A/3:2	R
3	Via junction point 53/403: Fuse 11C/22:1 Fuse 11C/26:1	Fuse 11A/4:2	R
4	-	-	-

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

Term.	Female	Male	Color
1	-		
2	Fuse 11C/11:2	Connector 54/4:28	BL
3	Fuse 11C/2:2	Connector 54/4:27	BL-W
4	Fuse 11C/1:2	Connector 54/4:2	BL-W
5	Fuse 11C/10:2	Connector 54/4:3	BL
6	Relay front fog lamps terminal 1	Connector 54/5:1	P

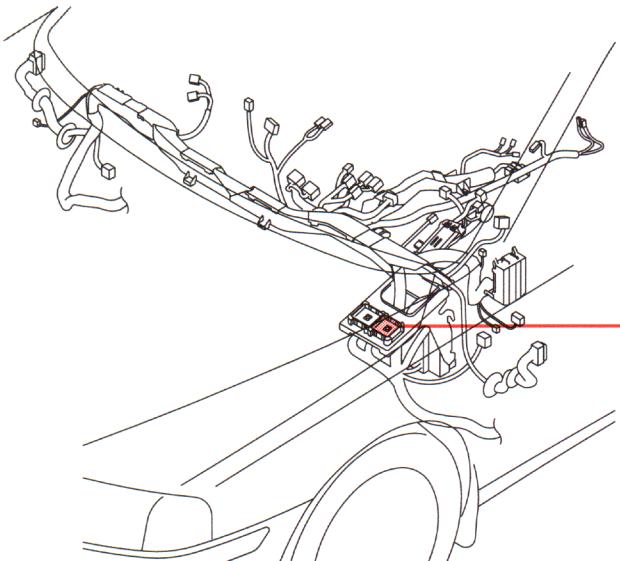
54/3LF White 13-pin**Passenger compartment harness - Engine compartment harness**

Term.	Female	Male	Color
1	-	-	-
2	Central electronic module (CEM) A:5	Connector 54/1:5	R-W
3	Central electronic module (CEM) A:1	Connector 54/1:24	Y-GR
4	Central electronic module (CEM) D:9	Connector 54/1:14, (AUTO) Ground terminal 31/93 (via 53/329) (MAN)	Y SB
5-8	-	-	-
9	Combined instrument panel (DIM) terminal 5	Brake fluid level terminal 1	Y-R
10	Fuse 11C/31:2	Connector 54/4:24 Connector 54/5:2	GR
11	Fuse 11C/30:2	Connector 54/4:5 Connector 54/5:3	W
12	Relä utökad X-matning pos. 1, (via 53/437)	Connector 54/9:4	VO-W
13	Central electronic module (CEM) A:18 Electrical switch module lights (LSM) term 3	Connector 54/9:6	GN-W

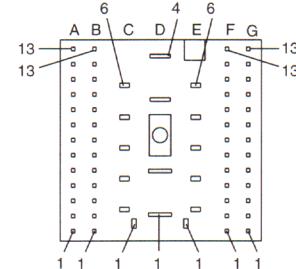
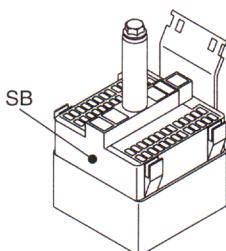
54/3LG White 13-pin**Passenger compartment harness - Engine compartment harness**

Term.	Female	Male	Color
1	Central electronic module (CEM) A:12	Stepper motor speed related power steering terminal 5	W
2	Central electronic module (CEM) A:11	Stepper motor speed related power steering terminal 4	GN
3	Central electronic module (CEM) A:12	Stepper motor speed related power steering terminal 3	Y
4	Central electronic module (CEM) A:6	Stepper motor speed related power steering terminal 2	BN
5-7	-	-	-
8	Central electronic module (CEM) C:6	Connector 54/8:22	BN-W
9	Central electronic module (CEM) A:4	Connector 54/4:22	Y
10	-	-	-
11	Central electronic module (CEM) A:9	Connector 54/4:11	GR-R
12	Central electronic module (CEM) A:8	Connector 54/4:15	VO
13	Fuse 11C/12:2	Connector 54/4:19	VO

Connector 54/3R



54/3R



54/3RB Black 13-pin connector

Passenger compartment harness - Engine compartment harness

Term.	Female	Male	Color
1	Central electronic module (CEM) B:18	Via junction point 53/353: ABS control module term. 10 Engine control module (ECM) B:1 (MAN) Transmission control module (TCM) B:2 (AUTO)	GN
2	Central electronic module (CEM) B:17	Via junction point 53/352: ABS control module term. 11 Engine control module (ECM) B:13 (MAN) Transmission control module (TCM) B:14 (AUTO)	W
3-13	-	-	-

54/3RC Black 6-pin connector

Passenger compartment harness - Engine compartment harness

Term.	Female	Male	Color
1-5	-	-	-
6	Shunt right turn signal lamp CEM terminal 2	Via junction point 53/362: Connector 54/4:23 Right side turn signal flasher term 2	GN-W

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

Term.	Female	Male	Color
1	-	-	-
2	Via junction point 53/415: Fuse 11C/33:1 Fuse 11C/36:1 Relay high beam terminal 3	Fuse 11A/2:2	R
3-4	-	-	-

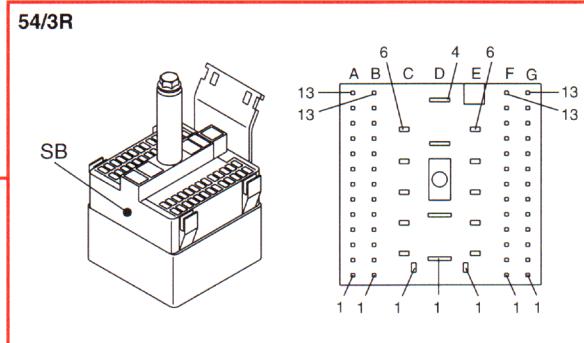
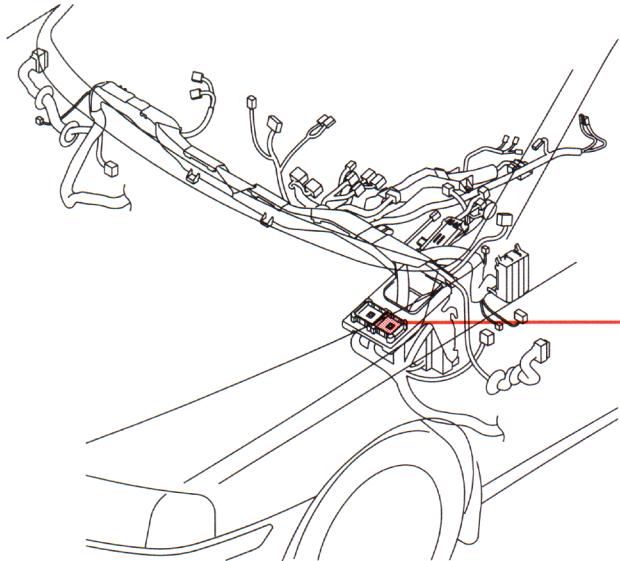
54/3RF Black 13-pin connector
Passenger compartment harness - Engine compartment harness

Term.	Female	Male	Color
1-7	-	-	-
8	Fuse 11C/29:2	Alarm siren module terminal 1	R
9	Central electronic module (CEM) A:20 Ignition switch term. 50	Relay starter motor term 2 Engine control module (ECM) B:23	Y-W
10	Gear shift module switch automatic transmission (GSM) term 2	Transmission control module (TCM) B:21	GN-W
11	Central electronic module (CEM) B:15	Windshield washer reservoir level sensor terminal 3	Y
12	Central electronic module (CEM) B:1	Windshield wiper motor. 3	W
13	Connector 54/13:15	Alarm siren terminal 2	P

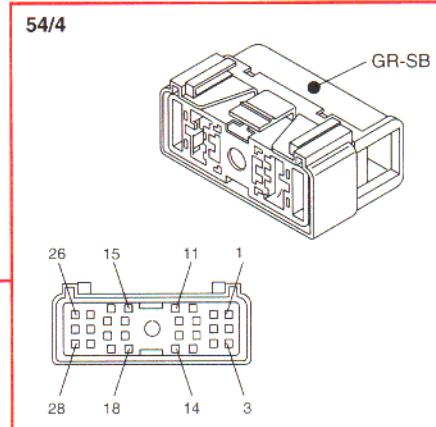
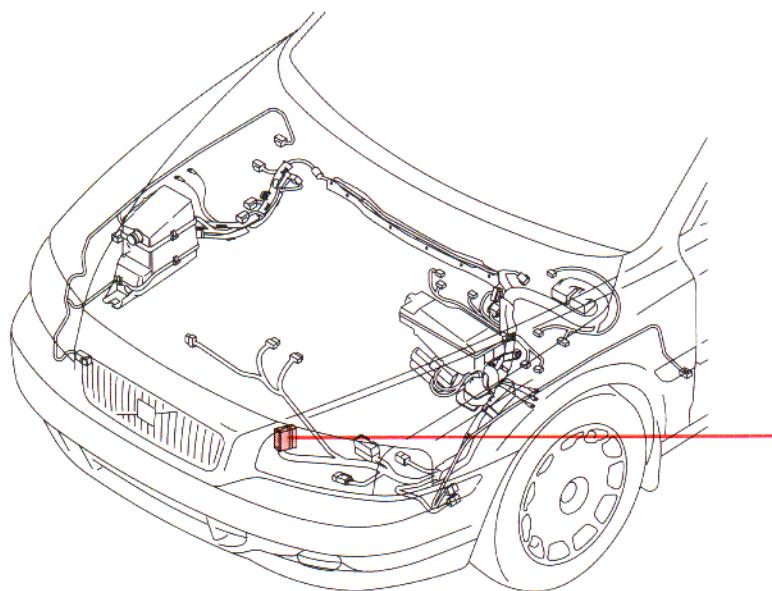
54/3RG Black 13-pin connector
Passenger compartment harness - Engine compartment harness

Term.	Female	Male	Color
1-2	-	-	-
3	Central electronic module (CEM) D:6 Data Link Connector (DLC) terminal 7	Engine control module (ECM) B:22 (MAN) Transmission control module (TCM) B:22 (AUTO)	W
4	Connector 54/10:5	Engine control module (ECM) B:29	W
5	Connector 54/10:6	Via junction point 53/324: Engine control module (ECM) B:4 Connector 54/3RG:11 Brake pedal sensor term 2 Clutch pedal sensor term 4, (MAN)	BN
6	Combined instrument panel terminal 4	Engine control module (ECM) B:46	GR

Connector 54/3R



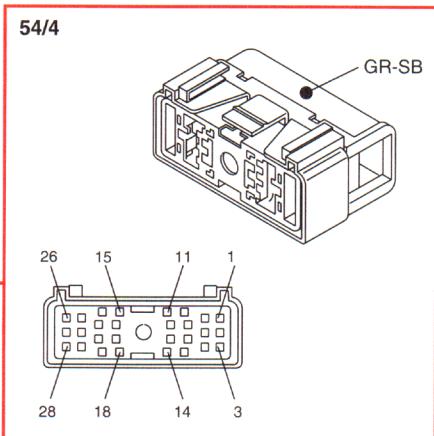
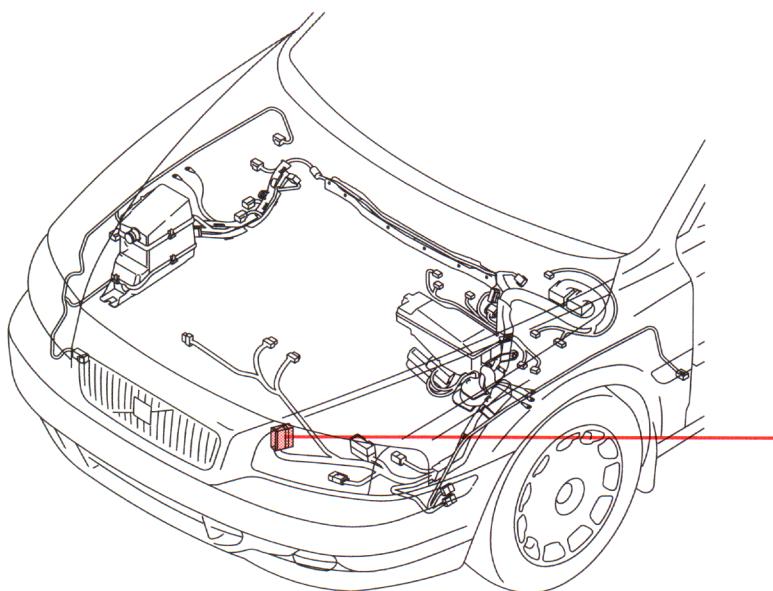
Term.	Female	Male	Color
7	Via junction point 53/443: Central electronic module (CEM) B 3 Ignition switch term. 15A Antenna ring/ignition switch lighting terminal 1 Overload relay 15-supply terminal 2 SRS control module B:28	Engine control module (ECM) B:37	BL-R
8	Central electronic module (CEM) B:4	Via junction point 53/365: Engine control module (ECM) B:26 Brake pedal sensor term 2 ABS control module pos.18	Y
9	Central electronic module (CEM) B:14	Engine control module (ECM) B:45	R-SB
10	EVAP canister shut-off valve terminal 2	Engine control module (ECM) B:40	GN
11	Fuel tank pressure sensor term 1	Via junction point 53/324: Engine control module (ECM) B:4 Connector 54/3RG:5 Brake pedal sensor term 2 Clutch pedal sensor term 4, (MAN)	BN
12	Fuel tank pressure sensor terminal 3	Engine control module (ECM) B:10	W
13	Fuel tank pressure sensor terminal 2	Engine control module (ECM) B:31	GR



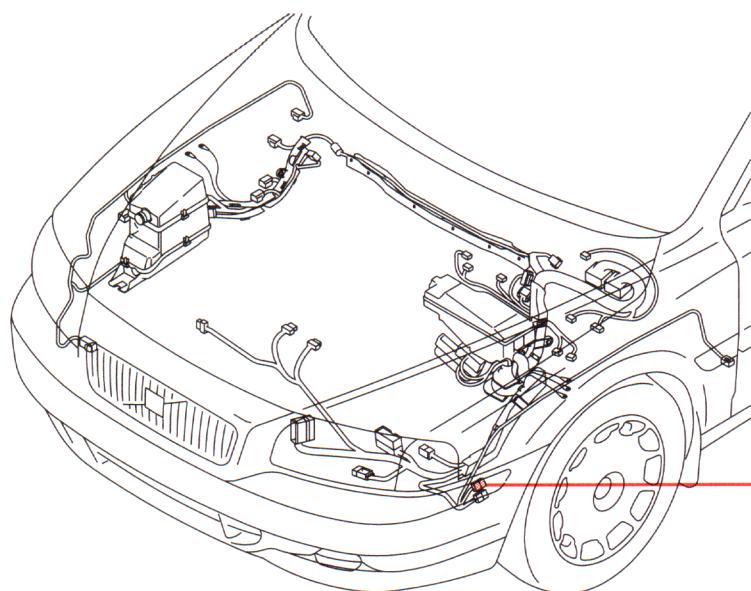
54/4 Gray-black 28-pin connector Engine compartment harness - front harness

Term.	Female	Male	Color
1	Ground terminal left wheel arch (via junction point 53/331)	Via junction point 53/301: Left headlamp term 1 Left front turn signal lamp term 3 Signal horn 1 term 2 Left headlamp wiper motor term.3 Left headlamp range adjuster actuator motor term.1 Right headlamp range adjuster actuator motor term.1	SB
2	Connector 54/3LE:4	Left low beam terminal 3	BL-W
3	Connector 54/3LE:5	Left low beam terminal 4	BL
4	Via junction point 53/361: Left side turn signal flasher term 2 Connector 54/3LC:6	Left turn signal lamp bulb terminal 2	GN
5	Connector 54/5:3 (via connector 54/3LF:11)	Left parking lamp front terminal 2 (EU/OS) terminal 1 (USA/CDN)	W
6-10	-	-	-
11	Connector 54/3LG:11	Via junction point 53/316: Left headlamp range adjuster actuator motor terminal 2 Right headlamp range adjuster actuator motor term .2	GN-R
12-13	-	-	-
14	Via junction point 53/342: Relay washer motor term.1 Washer motor term 1	Via junction point 53/346: Left headlamp wiper motor pos.1 Headlight wiper motor right pos.1	Y-W

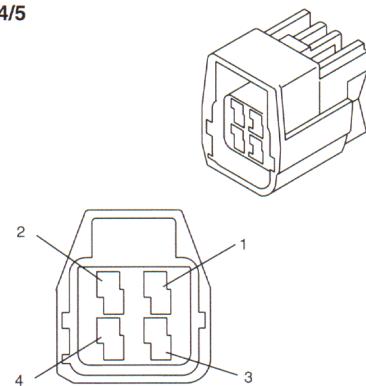
Connector 54/4



Term.	Female	Male	Color
15	Connector 54/3LG:12	Connector 54/4:19 (via junction point 53/334)	VO
16-18	-	-	-
19	Connector 54/3LG:13	Via junction point 53/334: Left headlamp wiper motor pos.2 Right headlamp wiper motor pos.2 Left headlamp range adjuster actuator motor terminal 3 Right headlamp range adjuster actuator motor terminal 3 Connector 54/4:15	VO
20-21	-	-	-
22	Connector 54/3LG:9	Alarm contact hood terminal 1	Y
23	Via junction point 53/362: Right side turn signal flasher term 2 Connector 54/3RC:6	Right turn signal lamp front terminal 2	GN-W
24	Connector 54/5:2 (via connector 54/3LF:10)	Right parking lamp front terminal 2 (EU/OS) terminal 1 (USA/CDN)	GR
25	Relay signal horn terminal 3	Via junction point 53/358: Signal horn 1 term 1 Signal horn 2 terminal 1	R-SB
26	Ground terminal left wheel arch (via junction point 53/331)	Via junction point 53/303: Left headlamp term 1 Right front turn signal lamp term 3 Signal horn 2 term 2 Right headlamp wiper motor pos.3 Alarm contact hood terminal 2	SB
27	Connector 54/3LE:3	Right low beam terminal 3	BL-W
28	Connector 54/3LE:5	Left low beam terminal 4	BL



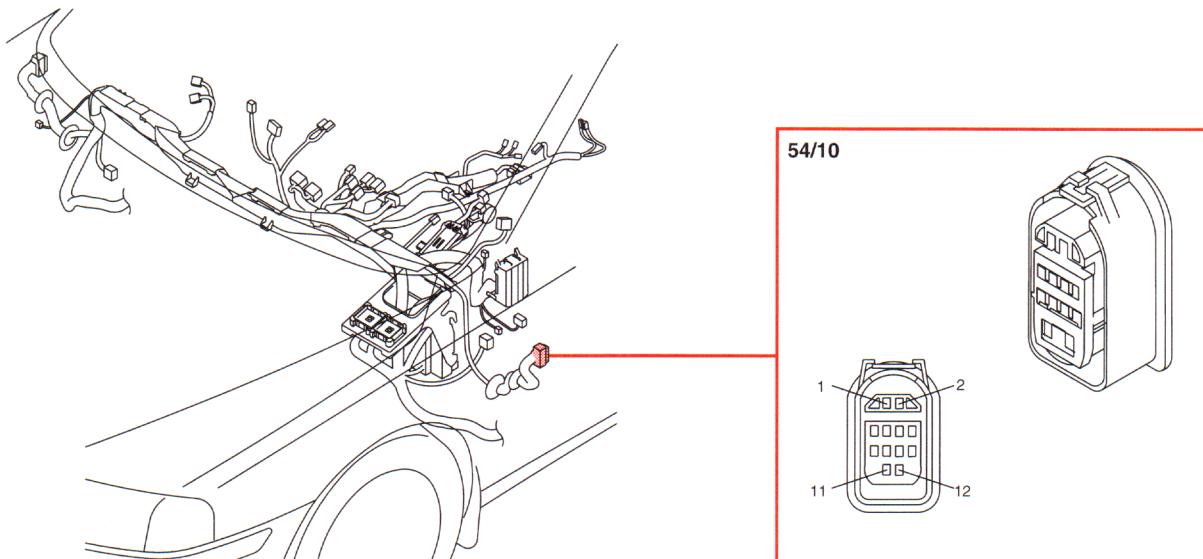
54/5



54/5 Dark gray 4-pin Engine compartment harness - Soft front harness

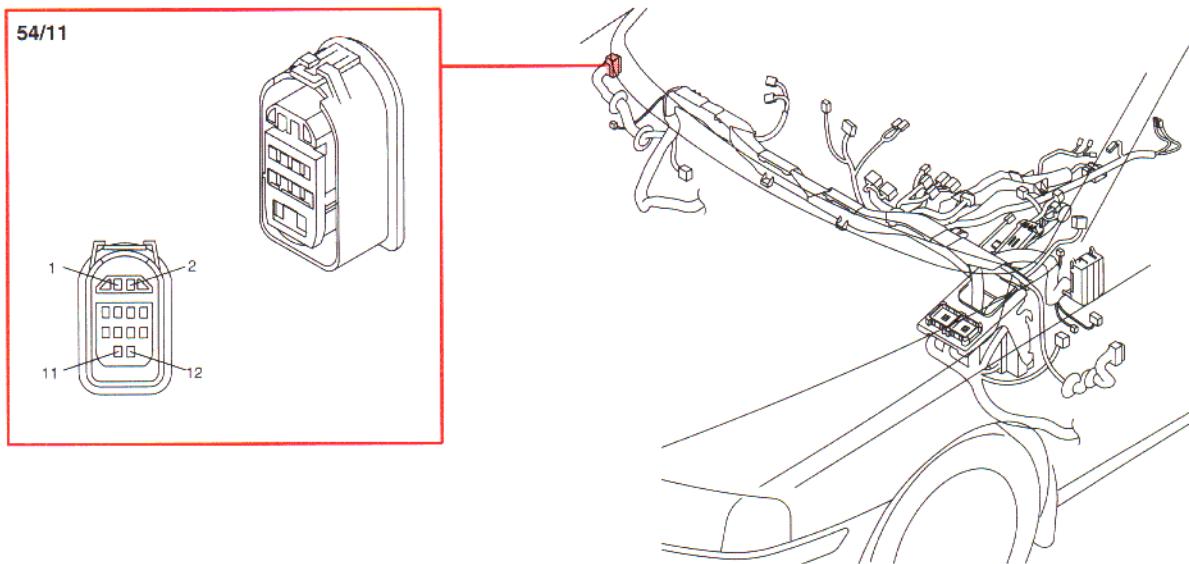
Term.	Female	Male	Color
1	Connector 54/3LE:6	Via junction point 53/307: Left front fog lamp term 1 Right front fog lamp term 1	P
2	Connector 54/4:24 (via connector 54/3LF:10)	Right front sidemarker lamp terminal 1	GR
3	Connector 54/4:5 (via connector 54/3LF:11)	Left front sidemarker lamp terminal 1	W
4	Ground terminal left wheel arch (via junction point 53/329)	Via junction point 53/310: Left front fog lamp term 2 Right front fog lamp term 2 Left front sidemarker lamp term 2 Right front sidemarker lamp term 2	SB

Connector 54/10



54/10 Black 12-pin connector Passenger compartment harness - left front door harness

Term.	Female	Male	Color
1	Fuse 11C/35:2	Electrical switch module left front door (DDM/PDM) B:12	R
2	Via junction point 53/427: Fuse 11C/27:2 Connector 54/11:2	Electrical switch module left front door (DDM/PDM) B:7	R-W
3	Via junction point 53/516: SRS control module B:24 SRS control module Connector 54/13:5	Electrical switch module left front door (DDM/PDM) A:2	W
4	Via junction point 53/517: SRS control module B:26 Connector 54/13:6	Electrical switch module left front door (DDM/PDM) A:3	GN
5	Connector 54/3RG:4	Outside temperature sensor engine control module (ECM) terminal 1	W
6	Connector 54/3RG:5	Outside temperature sensor engine control module (ECM) terminal 3	BN
7	-	-	-
8	Central electronic module (CEM) D:7	Lock unit left front door terminal 3	P
9	Radio B:1 or Amplifier B:1	Via junction point 53/519: Left front door-mounted loud speakers terminal 1 Connector 54/17:1	GR-R
10	Radio B:2 or Amplifier B:2	Via junction point 53/520: Left front door-mounted loudspeakers terminal 2 Connector 54/17:2	GR
11	Ground terminal front seat support left-hand side (via junction point 53/500)	Via junction point 53/514: Electrical module left front door (DDM/PDM) B:5 Door open warning lamp left front, 2	SB
12	Ground terminal front left seat support (LHD): Via junction point 53/510	Electrical switch module left front door (DDM/PDM) B:9	BN

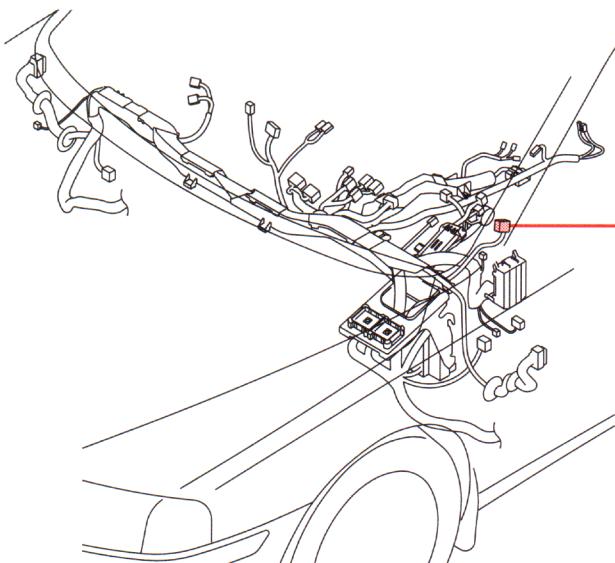


54/11 Black 12-pin connector

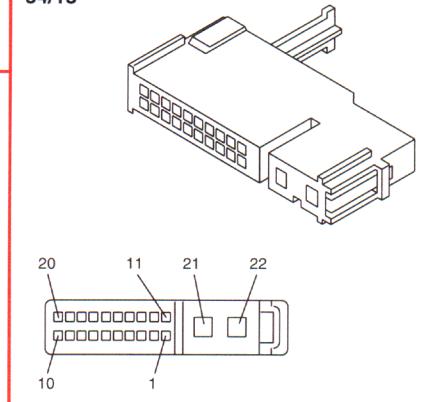
(Passenger compartment harness - right front door harness)

Term.	Female	Male	Color
1	Fuse 11C/36:2	Electrical switch module right front door (PDM/DDM) B:12	R
2	Via junction point 53/427: Fuse 11C/27:2 Connector 54/10:2	Electrical switch module right front door (PDM/DDM) B:7	R-W
3	Via junction point 53/433: Electrical switch module climate control module (CCM) A:14 Combined instrument panel (DIM) term 2 Radio (AUM) A:7 Control unit and keypad carphone (PHM) A:22	Electrical switch module right front door (PDM/DDM) A:2	W
4	Via junction point 53/434: Electrical switch module climate control module (CCM) A:12 Combined instrument panel (DIM) term 3 Radio (AUM) A:8 Control unit and keypad carphone (PHM) A:10	Electrical switch module right front door (PDM/DDM) A:3	GN
5-7	-	-	-
8	Central electronic module (CEM) D:8	Lock unit left front door terminal 3	P
9	Radio B:5 or Amplifier B:5	Via junction point 53/521: Right front door-mounted loudspeakers terminal 1 Connector 54/18:1	GR-R
10	Radio B:6 or Amplifier B:6	Via junction point 53/522: Right front door-mounted loudspeakers terminal 2 Connector 54/18:2	GR
11	Ground terminal front seat support right-hand side (via junction point 53/501)	Via junction point 53/515: Electrical module right front door (PDM/DDM) B:5 Door open warning lamp right front term. 2	SB
12	Ground terminal seat support front right-hand side (RHD): Via junction point 53/511	Electrical switch module right front door (PDM/DDM) B:9	BN

Connector 54/13

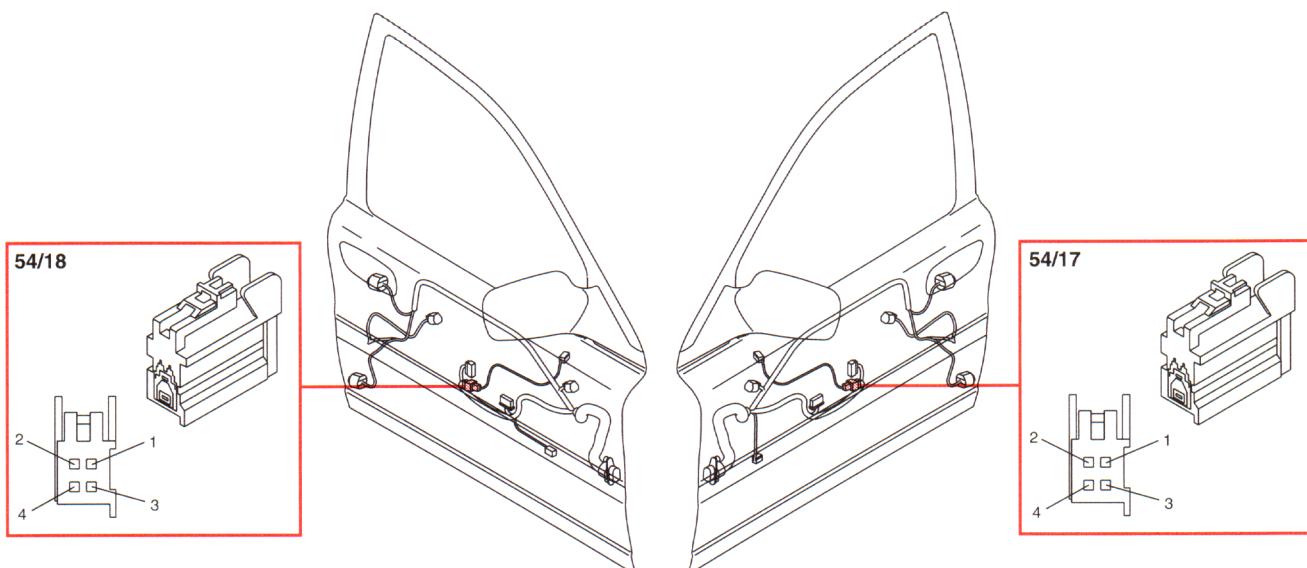


54/13



54/13 Black 22-pin connector Passenger compartment harness - Roof harness

Term.	Female	Male	Color
1	Via junction point 53/534: Upper electronic module (UEM) terminal 1 and 11	Fuse 11C/28:2	R
2-4	-	-	-
5	Upper electronic module (UEM) terminal 3	Via junction point 53/516: SRS control module B:24 Connector 54/10:3	W
6	Upper electronic module (UEM) terminal 5	Via junction point 53/517: SRS control module B:26 Connector 54/10:4	GN
7-10	-	-	-
11	High-mounted stop (brake) lamp terminal 5	Central electronic module (CEM) B:5	Y-R
12-14	-	-	-
15	Upper electronic module (UEM) term. 21 or Via junction point 53/533: Upper electronic module (UEM) terminal 21 Sunroof module (SRM) A:4	Connector 54/3RF:13	P
16-19	-	-	-
20	Via junction point 53/503: Upper electronic module (UEM) terminal 20 Electrical switch module roof lamp A:10 High-level brake light terminal 5 (1) Vanity mirror lighting left-hand side term 3 Vanity mirror lighting right -hand side term 3 Rear reading lights terminal 4 Microwave sensor alarm (MMS) terminal 5 Sunroof module (SRM) A:5	Ground terminal A post left side (via junction point 53/400)	BN
21	Sunroof module (SRM) A:1	Fuse 11C/34:2	R
22	Sunroof module (SRM) A:10	Ground terminal A post left side (via junction point 53/405)	SB



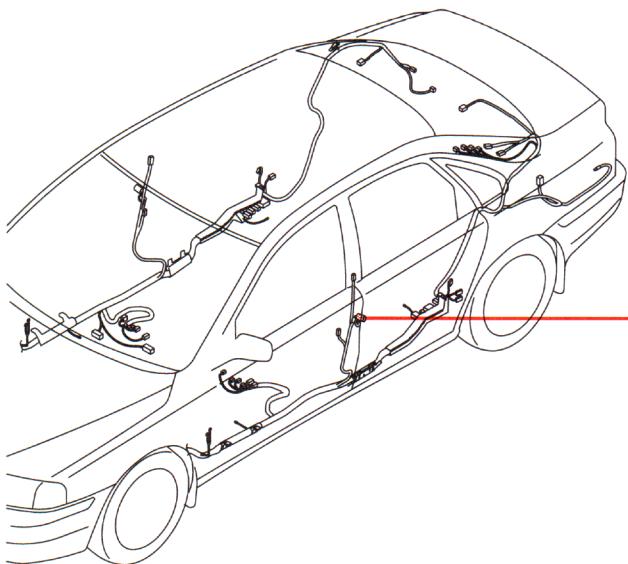
**54/17 Light gray 4-pin
Left front door cable harness - Cable harness left door panel**

Term.	Female	Male	Color
1	Via junction point 53/519: Left front door-mounted loud speakers terminal 1 Connector 54/10:9	Treble loudspeaker left front door terminal 1	GR-R
2	Via junction point 53/520: Left front door-mounted loudspeakers terminal 2 Connector 54/10:10	Treble loudspeaker left front door terminal 2	GR
3-4	-	-	-

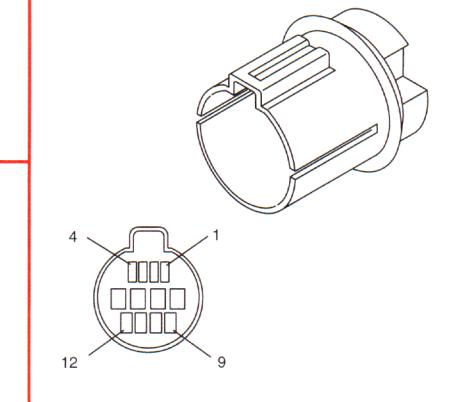
**54/18 Light gray 4-pin
Right front door cable harness - Cable harness right door panel**

Term.	Female	Male	Color
1	Via junction point 53/521: Right front door-mounted loudspeakers terminal 1 Connector 54/11:9	Treble loudspeaker right front door terminal 1	GR-R
2	Via junction point 53/522: Right front door-mounted loudspeakers terminal 2 Connector 54/11:10	Treble loudspeaker right front door terminal 2	GR
3-4	-	-	-

Connector 54/20

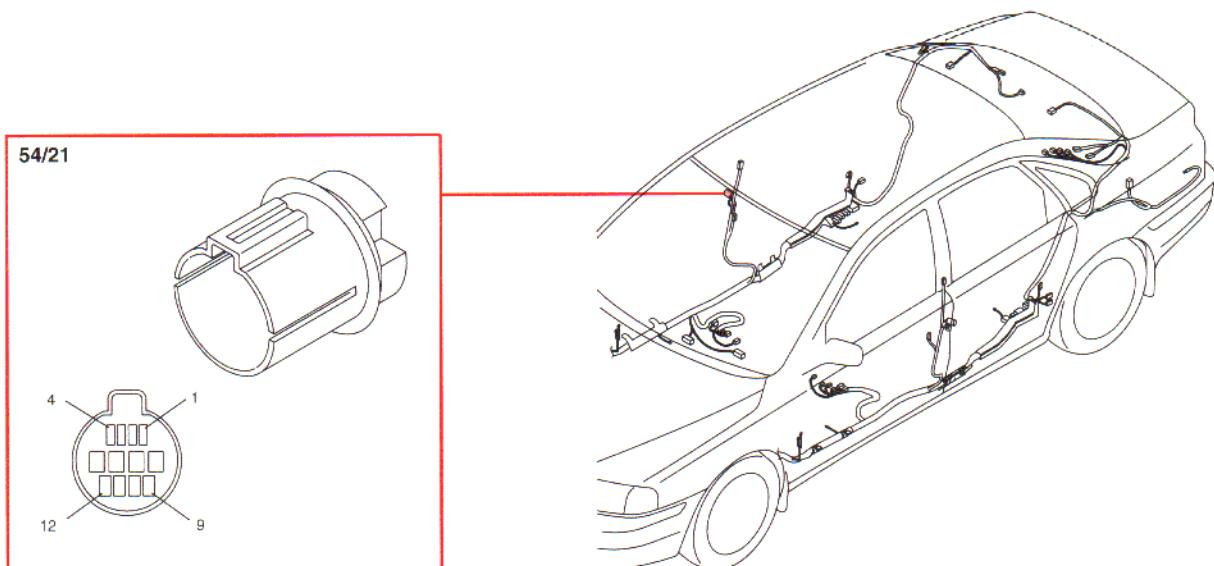


54/20



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

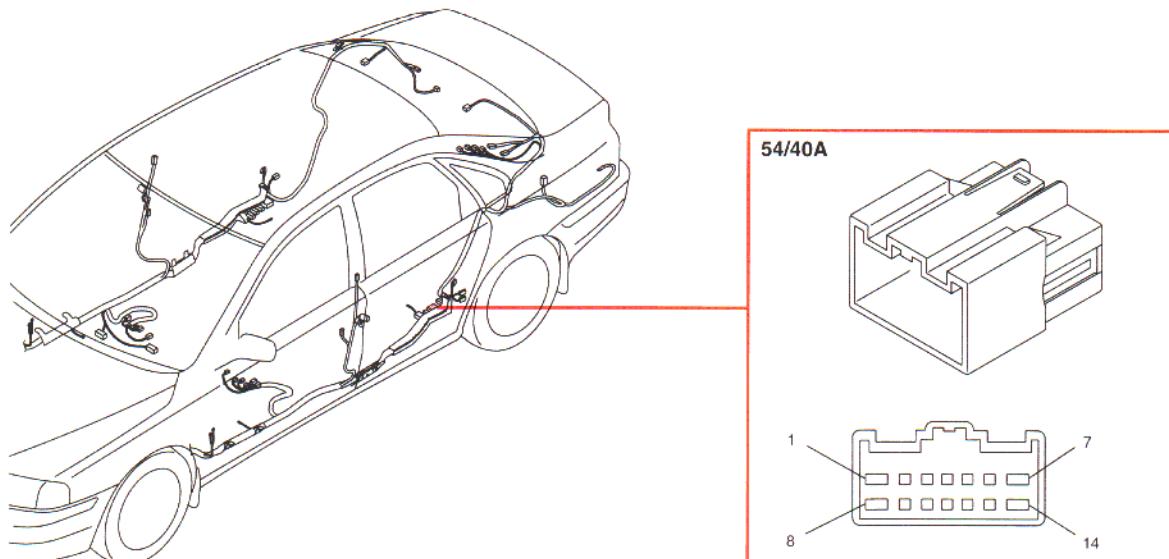
Term.	Female	Male	Color
1	Via junction point 53/523: Radio (AUM) B:7 or Amplifier B:7 Parcel shelf loudspeaker left-hand side terminal 1	Loudspeaker left rear door terminal 1	GR-W
2	Via junction point 53/524: Radio (AUM) B:8 or Amplifier B:8 Parcel shelf loudspeaker left-hand side terminal 2	Loudspeaker left rear door terminal 2	GR
3	Central electronic module (CEM) B:12	Lock unit left rear door terminal 2	P
4	Central electronic module (CEM) B:13	Lock unit left rear door terminal 5	BL
5	Via junction point 53/446: Power window relay child down safety limit rear doors terminal 1 Connector 54/21:5	Power window switch left rear door terminal 1	Y
6	Relay power window down left rear terminal 1	Power window switch left rear door terminal 3	BL
7	Via junction point 53/504: Central electronic module (CEM) E:2 Courtesy lighting front left-hand side terminal 2 Courtesy lighting front right-hand side terminal 2 Connector 54/21:7	Via junction point 53/529: Door open warning lamp left rear terminal 1 Courtesy lighting rear left-hand side terminal 2	W
8	Relay power window up left rear terminal 1	Power window switch left rear door terminal 5	GN-BN
9	Connector 54/40A:4	Lock unit left rear door terminal 8	VO
10	Connector 54/40A:3	Lock unit left rear door terminal 6	GR
11	Connector 54/40A:2	Lock unit left rear door terminal 4	Y
12	Ground terminal front seat support left-hand side (via junction point 53/500)	Via junction point 53/531: Lock unit left rear door terminal 1 Power window switch left rear door terminal 2 Door open warning lamp left rear terminal 2 Courtesy lighting rear left-hand side terminal 4	SB



**54/21 Black 12-pin connector
Passenger compartment harness - Right rear door harness)**

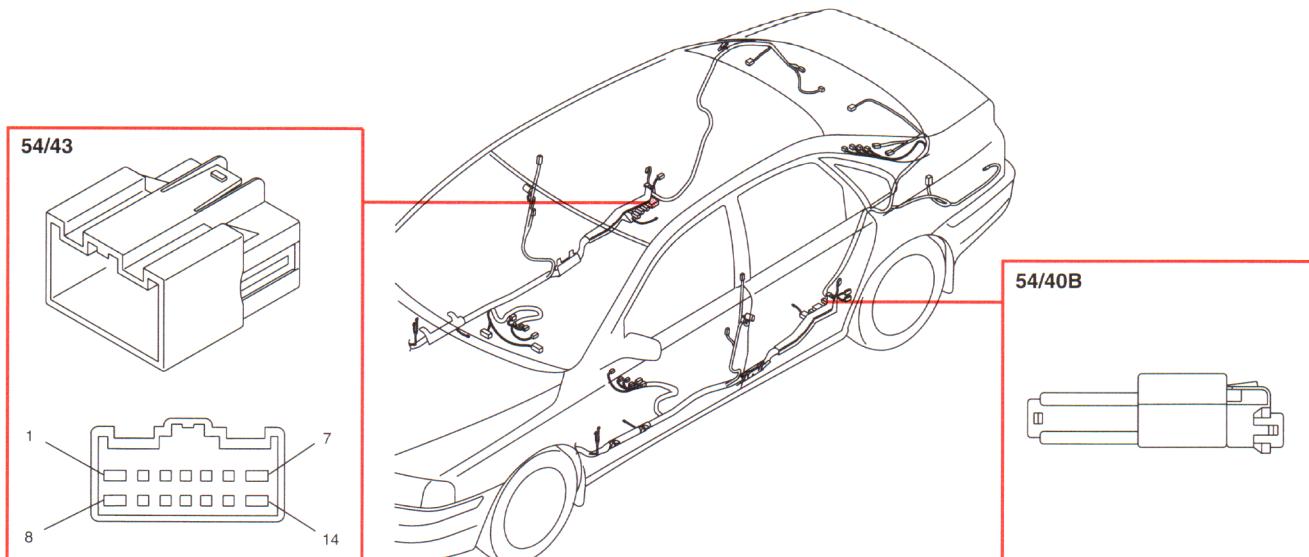
Term.	Female	Male	Color
1	Via junction point 53/525: Radio (AUM) B:11 or Amplifier B:11 Parcel shelf loudspeaker right-hand side terminal 1	Loudspeaker right rear door terminal 1	GR-W
2	Via junction point 53/526: Radio (AUM) B:12 or Amplifier B:12 Parcel shelf loudspeaker right-hand side terminal 2	Loudspeaker right rear door terminal 2	GR
3	Central electronic module (CEM) C:18	Lock unit left rear door terminal 2	P
4	Central electronic module (CEM) C:3	Lock unit left rear door terminal 5	BL
5	Via junction point 53/446: Power window relay child down safety limit rear doors terminal 1 Connector 54/20:5	Power window switch right rear door terminal 1	Y
6	Relay power window down right rear terminal 1	Power window switch right rear door terminal 3	BL
7	Via junction point 53/504: Central electronic module (CEM) E:2 Courtesy lighting front left-hand side terminal 2 Courtesy lighting front right-hand side terminal 2 Connector 54/20:7	Via junction point 53/530: Door open warning lamp right rear terminal 1 Courtesy lighting rear right-hand side terminal 2	W
8	Relay power window up right rear terminal 1	Power window switch right rear door terminal 5	GN-BN
9	Connector 54/43A:4	Lock unit right rear door terminal 8	VO
10	Connector 54/43A:3	Lock unit right rear door terminal 6	GR
11	Connector 54/43A:2	Lock unit left rear door terminal 4	Y
12	Ground terminal front seat support right-hand side (via junction point 53/501)	Via junction point 53/532: Lock unit right rear door terminal 1 Power window switch right rear door terminal 2 Door open warning lamp right rear terminal 2 Courtesy lighting rear right-hand side terminal 4	SB

Connector 54/40A



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

Term.	Female	Male	Color
1	Connector 54/51:11 (via Shunt parking lamp rear electronic module (REM) terminal 3)	Fuse 11C/30:2	W
2	Relay central locking locking left rear terminal 1	Connector 54/20:11	Y
3	Relay central locking unlocking left rear terminal 1	Connector 54/20:10	GR
4	Connector 54/43:4 (via central locking relay deadlock rear doors terminal 1)	Connectors 54/20:9	VO
5	Rear electronic module (REM) A:16	Via junction point 53/435: Central electronic module (CEM) D:2 Control module power driver's seat (PSM) B:3 Combined instrument panel (DIM) terminal 9	GN
6	Rear electronic module (REM) A:14	Via junction point 53/436: Central electronic module (CEM) D:3 Control module power driver's seat (PSM) B:2 Combined instrument panel (DIM) terminal 8	W
7	Connector 54/51:10 (via Left turn signal lamp rear B:4)	Connector 54/3LC:6 (via Shunt left turn signal lamp central electronic module CEM term 2)	GN
8	Via junction point 53/609: Shunt parking-/ tail lamps rear electronic module (REM) terminal 3 Connector 54/50:7 Connector 54/51:8	Fuse 11C/31:2	GR
9	-	-	-
10	-	Radio (AUM) A:9 (via left antenna amplifier window antenna terminal 2)	BL-W
11	Rear electronic module (REM) A:2	Fuel level sensor left, ejection side terminal 5	GN
12	Rear electronic module (REM) A:10	Fuel level sensor left, ejection side terminal 6 Fuel level sensor right, pump side terminal 6	BN
13	Rear electronic module (REM) A:8	Fuel level sensor right, pump side terminal 7	BL
14	Rear electronic module (REM) A:4	Central electronic module (CEM) B:6	GN-Y



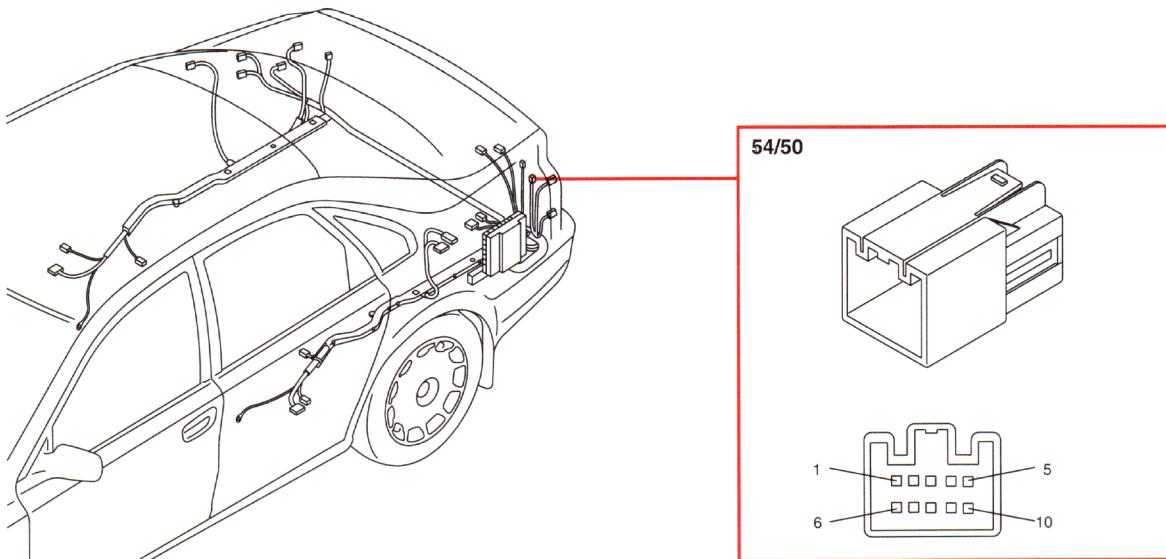
54/40B Black 1-pin connector
Passenger compartment harness - Cargo compartment cable harness

Term.	Female	Male	Color
1	Relay rear demist terminal 3	Rear demist (via left antenna amplifier window antenna)	R

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

Term.	Female	Male	Color
1	-	-	-
2	Relay central locking locking right rear terminal 1	Connector 54/21:11	Y
3	Relay central locking unlocking right rear terminal 1	Connector 54/21:10	GR
4	Connector 54/40A:4 (via central locking relay deadlock rear doors terminal 1)	Connectors 54/21:9	VO
5-6	-	-	-
7	Connector 54/51:9 (via Right turn signal lamp rear B:4)	Connector 54/3RC:6 (via Shunt right turn signal lamp central electronic module (CEM) term 2)	GN-W
8-10	-	-	-
11	Connector 54/50:1	Central electronic module (CEM) C:5	P
12-14	-	-	-

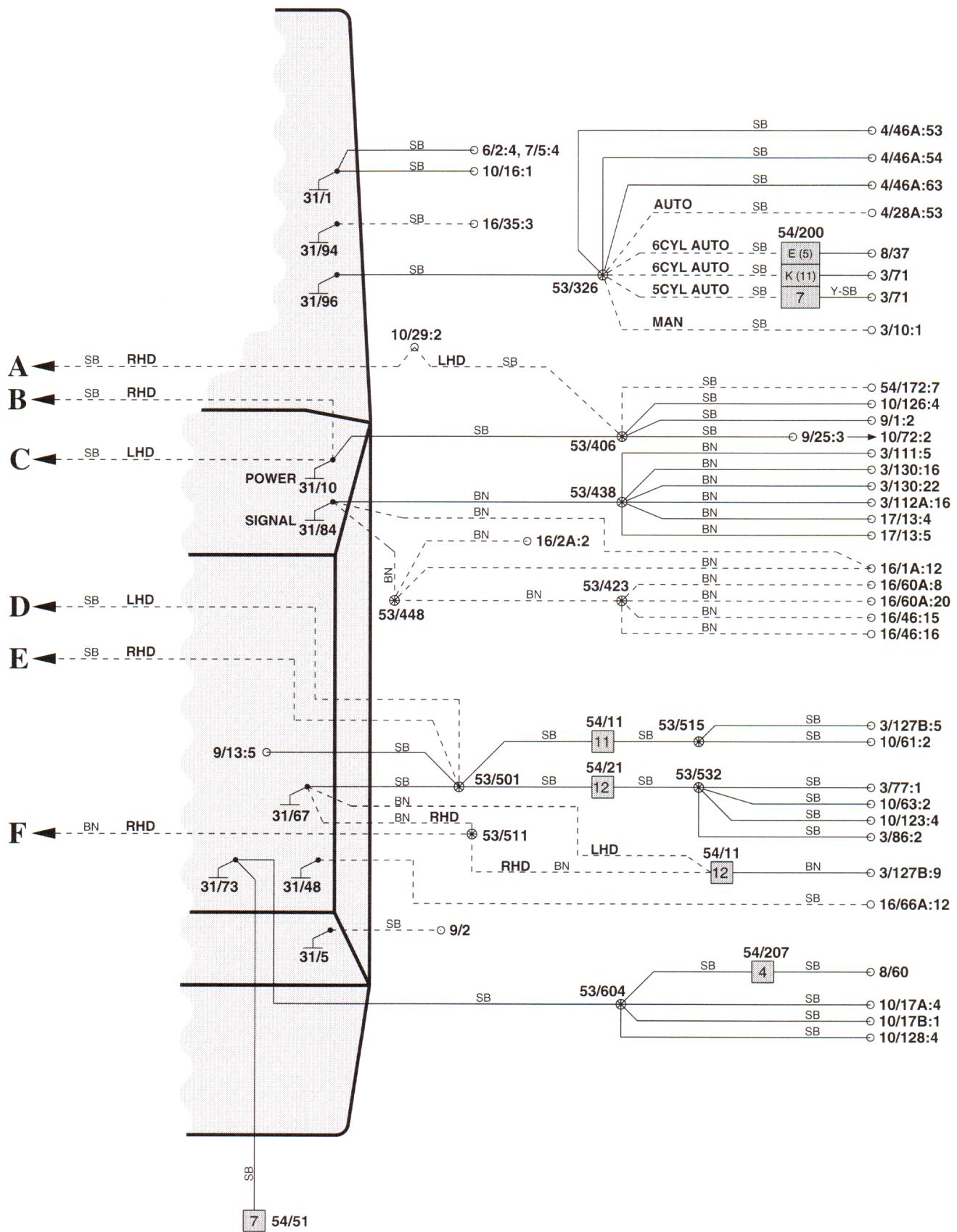
Connector 54/50



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

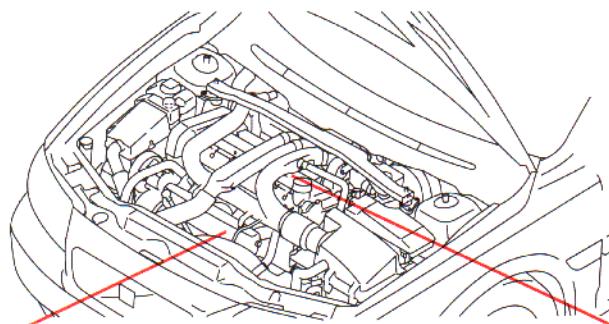
Term.	Female	Male	Color
1	Lock unit tailgate term.1	Connector 54/43:11	BN-OR/P
2	-	-	-
3	Lock unit trunk lid terminal 2	Relay trunk lid opening terminal 1	GR-W
4-6	-	-	-
7	License plate lighting terminal 2	Via junction point 53/609: Connector 54/40A:8 Connector 54/51:8 Shunt parking-/ tail lamps rear electronic module (REM) terminal 3	GR
8	Electrical switch trunk lid handle terminal 1	Rear electronic module (REM) D:7	BL-BN/BL
9	-	-	-
10	Via Lock unit trunk lid terminal 4: License plate lighting terminal 3 Electrical switch trunk lid handle terminal 3	Ground terminal rear seat support left-hand side 2 (via junction point 53/601)	BL-SB/SB

Ground terminals



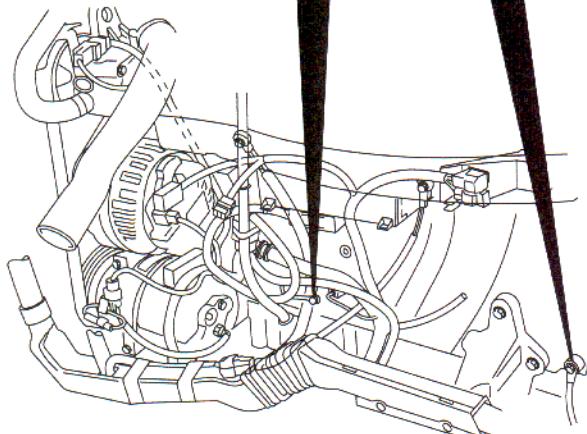
Ground terminals

6CYL



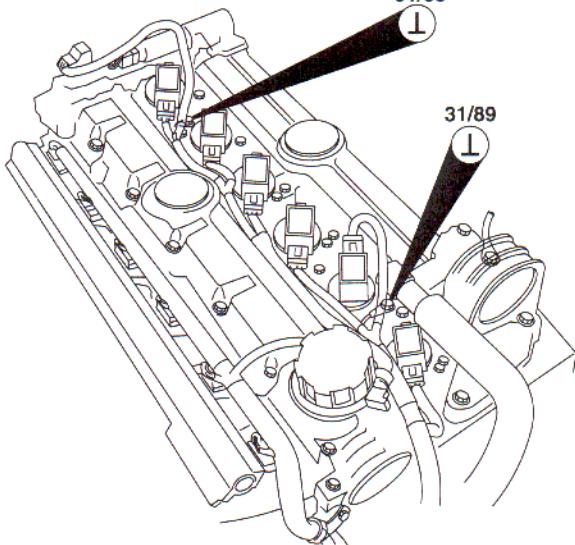
31/91

31/4

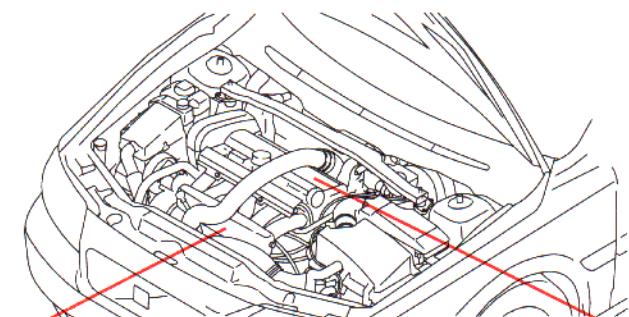


31/88

31/89

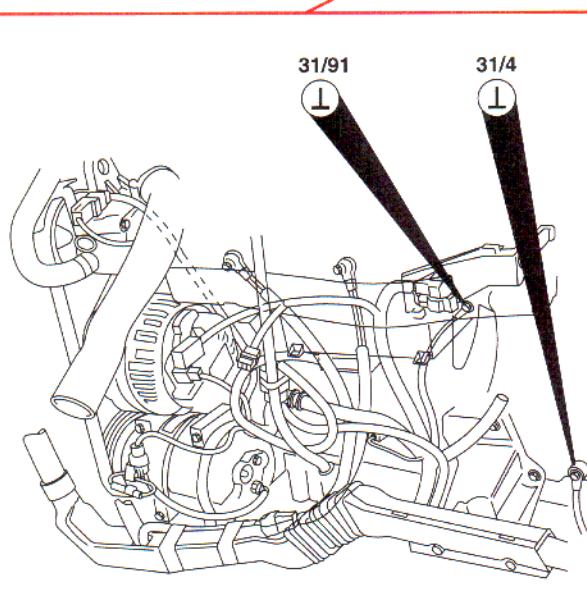


5CYL



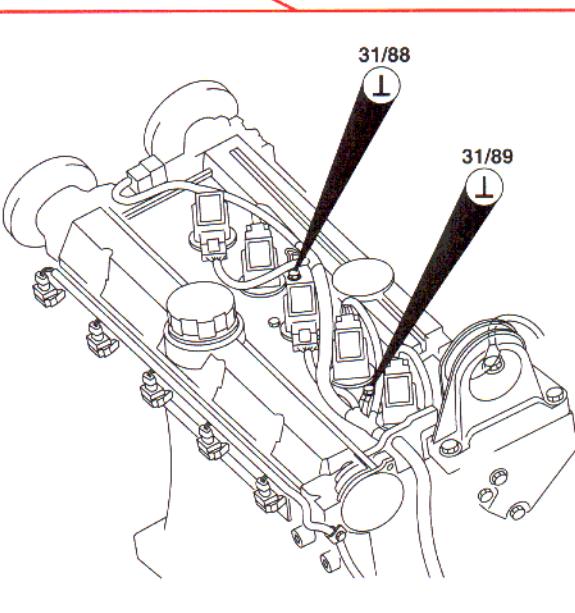
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31/4

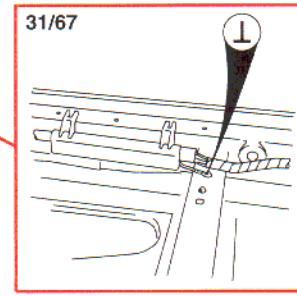
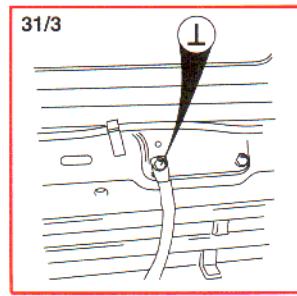
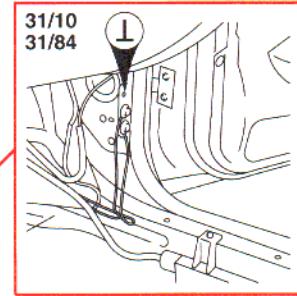
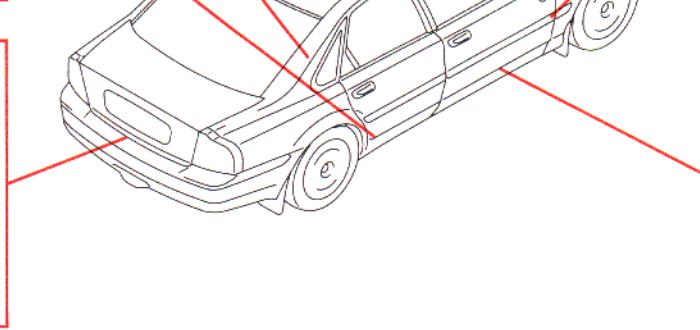
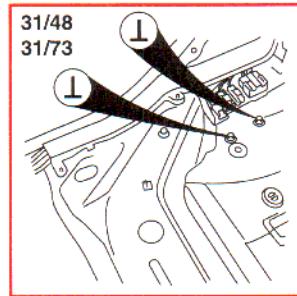
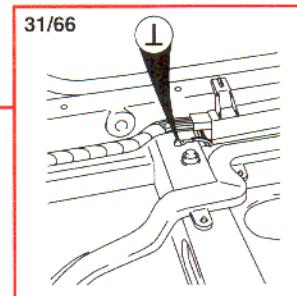
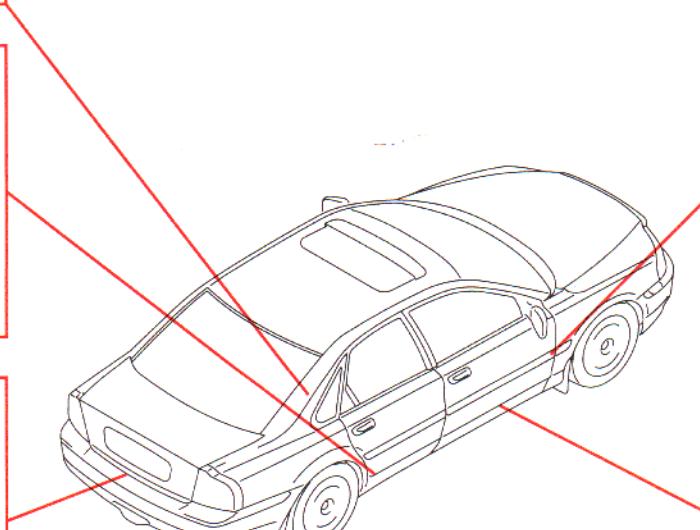
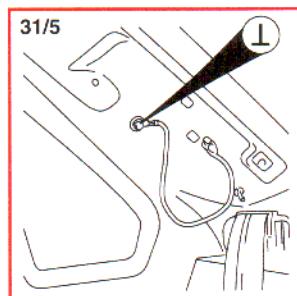
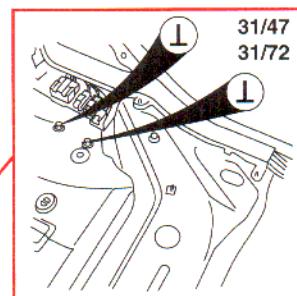
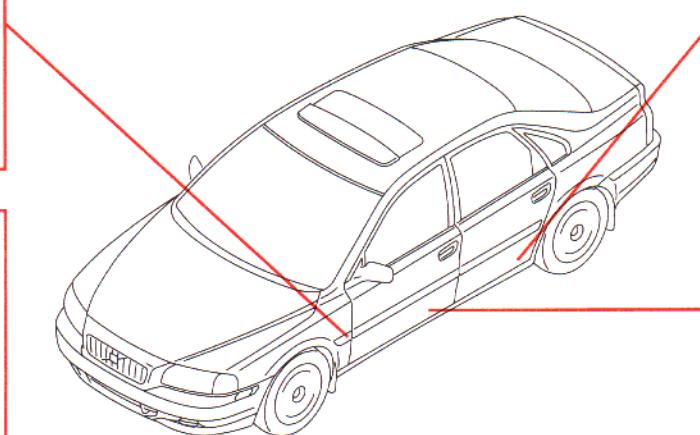
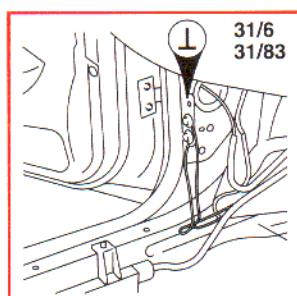
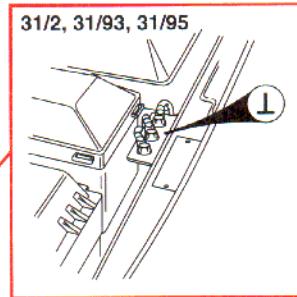
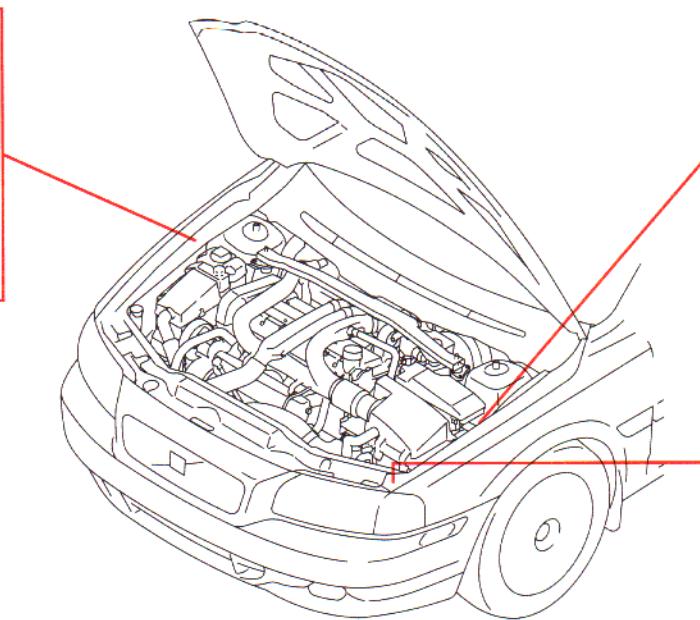
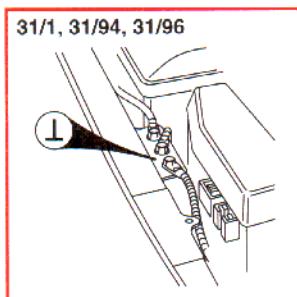


31/88

31/89



Ground terminals



Ground terminals

31/1
Washer fluid level sensor
Washer motor
Right side flasher light

31/2
Engine cooling fan (FC) control module

31/3
Battery

31/4
Ground terminal left side member engine compartment

31/5
Heated rear window

31/6
Overload relay 15-supply
Overload relay X-supply
Hazard warning signal flasher switch
Ignition switch light
Courtesy lighting left-hand side front
Central electronic module (CEM) (LHD)
Blower fan control module (RHD)
Glove compartment lighting (RHD)
Control module sun roof (SRM)
Switch lever module automatic transmission (GSM)

31/10
Cigarette lighter/ 12V-output front
Cigarette lighter/ 12V-output rear
Courtesy lighting right-hand side front
Central electronic module (CEM) (RHD)
Control module blower fan (LHD)
Glove compartment lighting (LHD)
Ashtray lighting front
Connector
Airbag disconnection contact breaker passenger side (control panel lighting)

31/44
Ground terminal engine

31/47
Fuel pump

31/48
Carphone receiver

31/66
Electrical module left front door (DDM/PDM)
Open-door warning lamp, front
Lock unit left rear door
Courtesy lighting left-hand side rear
Open-door warning lamp, rear left
Electrical switch module power window left rear door
Heated seat left
Control unit, power passenger seat (RHD)
Control module power driver's seat (PSM) (LHD)

31/67
Electrical module right front door (PDM/DDM)
Open-door warning lamp, front right
Lock unit right rear door
Courtesy lighting right-hand side rear
Open-door warning lamp, rear right
Electrical switch module power window right rear door
Heated seat right
Control unit, power passenger seat (LHD)
Control module power driver's seat (PSM) (RHD)

31/72
Cargo compartment lighting left-hand side
Solenoid head restraint left rear
Left tail light
Rear electronic module (REM)
Lock module, trunk/tailgate
License plate lighting
Trunk lid handle switch
Car tilt sensor (ISM)
CD changer
Control module RTI
CD-ROM player RTI

31/73
Cargo compartment lighting right-hand side
Solenoid head restraint right rear
Right tail light
Connector
Cargo compartment harness - tow hitch

31/93
Left headlamp
Right headlamp
Left front fog lamp
Right front fog lamp
Left front turn signal lamp
Right front turn signal lamp
Side marker lamps left front
Side marker lamps right front
Horn 1
Horn 2
Relay windshield wiper intermittent
Relay washer motor
Capacitor
Brake fluid level sensor
Stepper motor speed related power steering
Accelerator pedal (AP) position sensor
Coolant level sensor
Windshield wiper motor
Left headlamp washer motor
Right headlamp washer motor
Beam length control, left actuator
Beam length control, right actuator
Central electronic module (CEM)
Alarm switch, bonnet
Left side turn signal flasher
Connector
Engine compartment cable harness - parking heater

31/84
Electrical switch module lights (LSM)
Electrical switch module steering wheel levers (SWM)
Electrical switch module climate control-unit (Climate control module (CCM))
Data link connector (DLC)
Radio (AUM)
Amplifier
Control unit and keypad carphone (PHM)
Display RTI

31/94
Alarm siren (SCM)

31/88
Spark plug with ignition coil 1
Spark plug with ignition coil 2

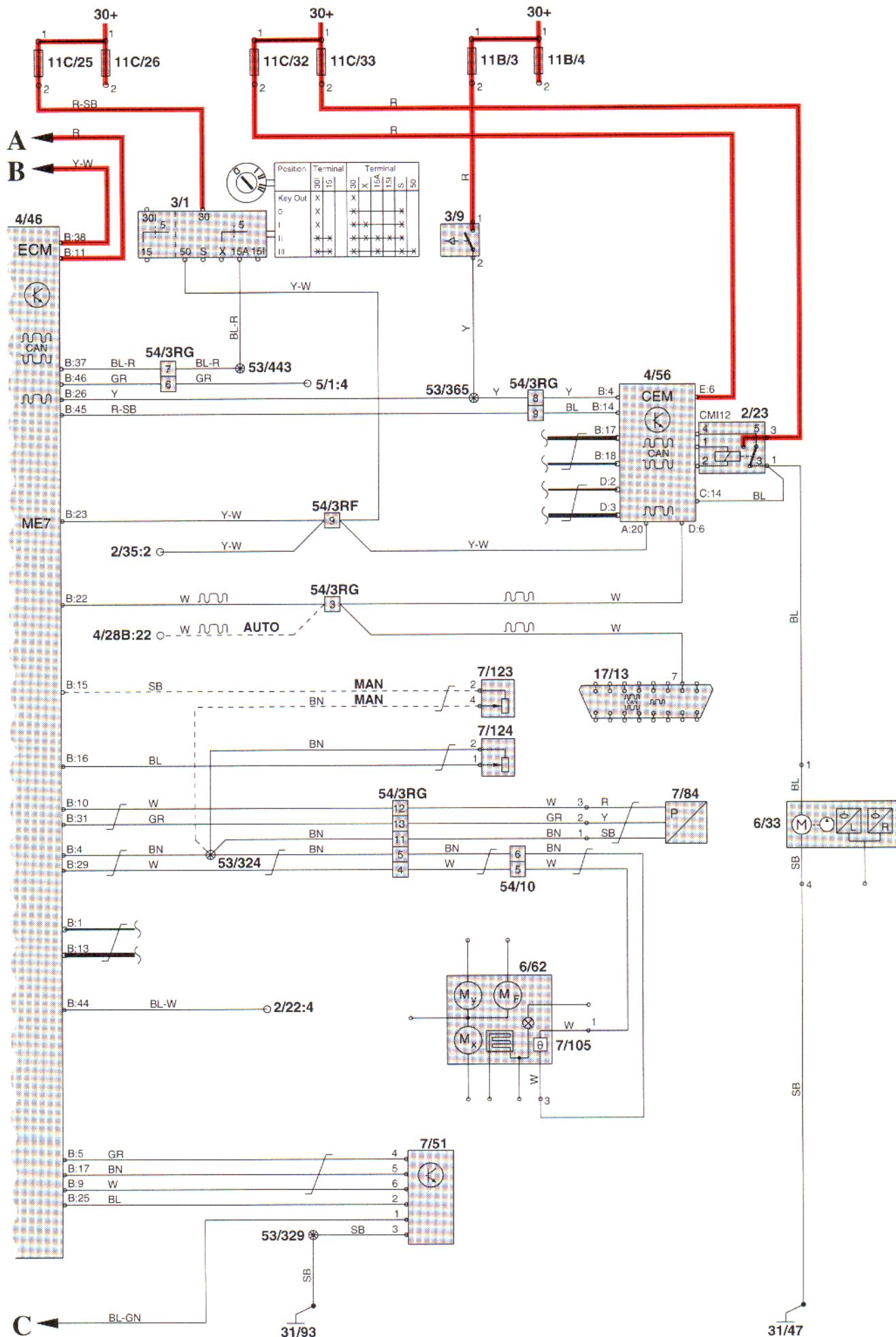
31/95
ABS control module

31/89
Spark plug with ignition coil 3
Spark plug with ignition coil 4
Spark plug with ignition coil 5
Spark plug with ignition coil 6

31/96
Engine control module (ECM)
Transmission control module (TCM)
Solenoids, automatic transmission
Gear shift position switches
Back-up (reversing) light switch

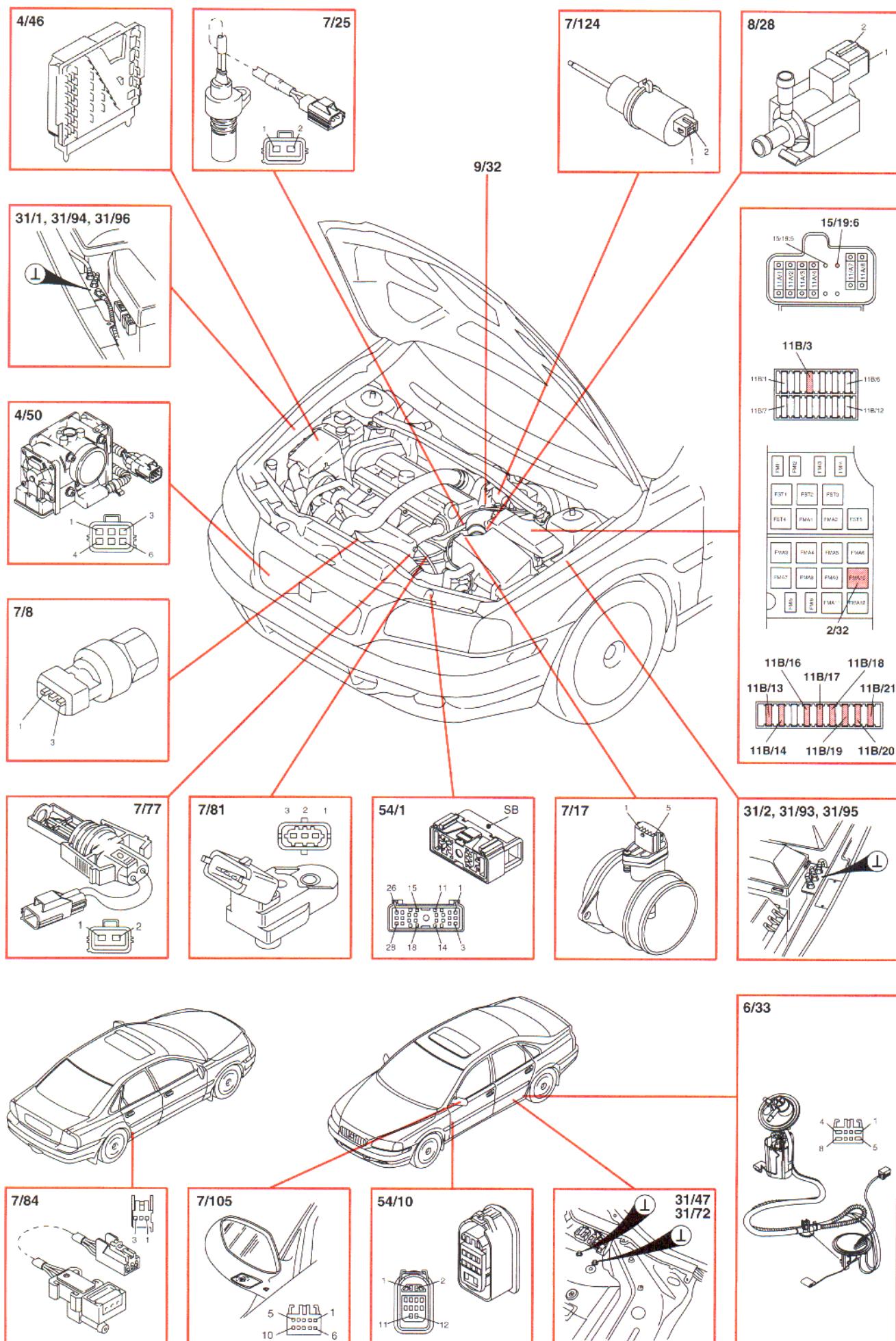
31/91
Throttle body (TB) control module (ETM)
PTC resistor preheating of air

Engine management system ME7 5 cylinder engines

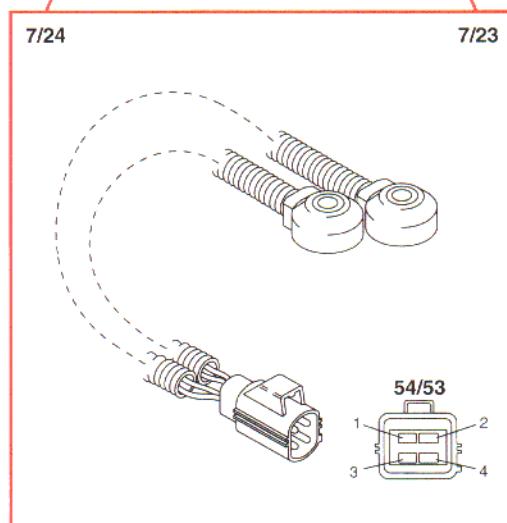
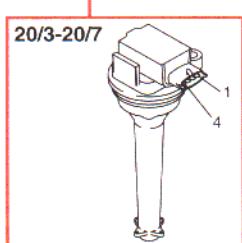
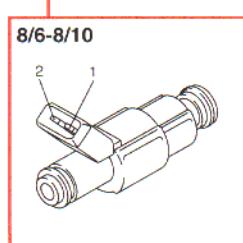
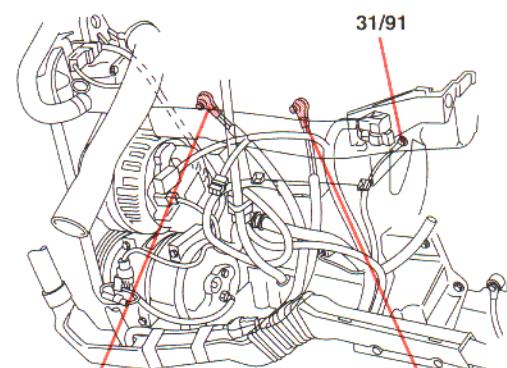
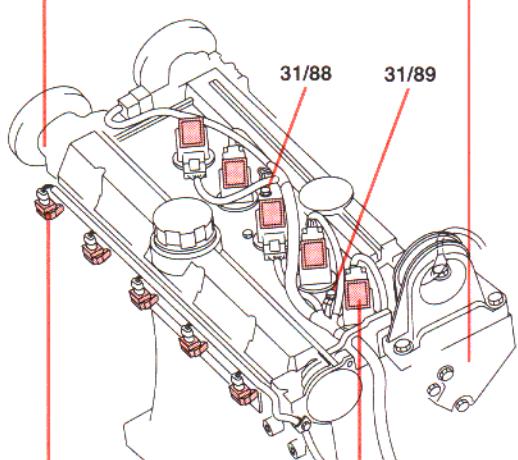
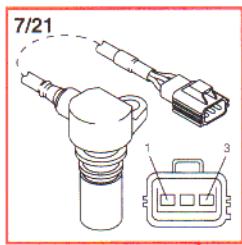
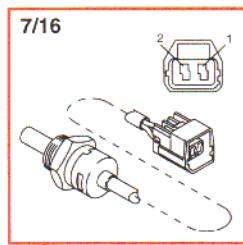
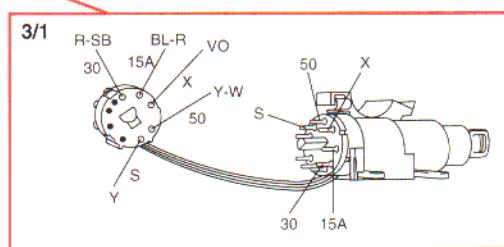
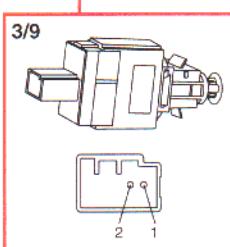
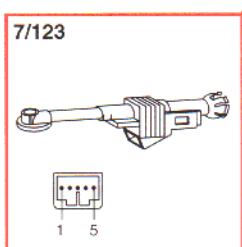
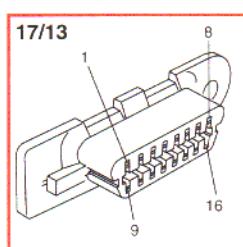
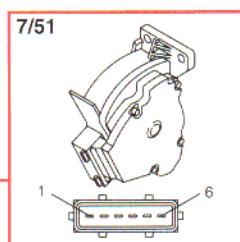
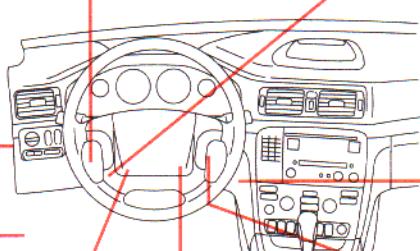
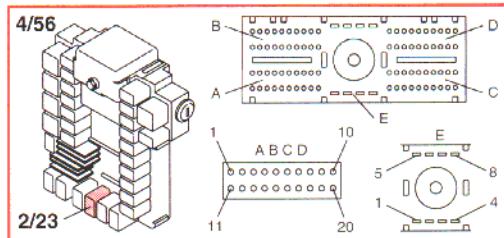
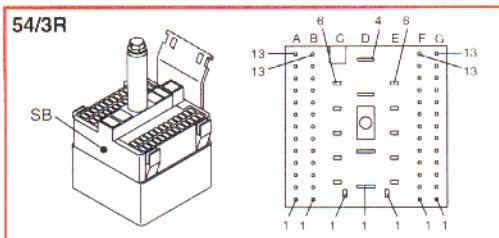
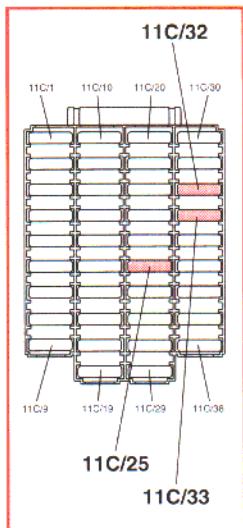


Engine management system ME7

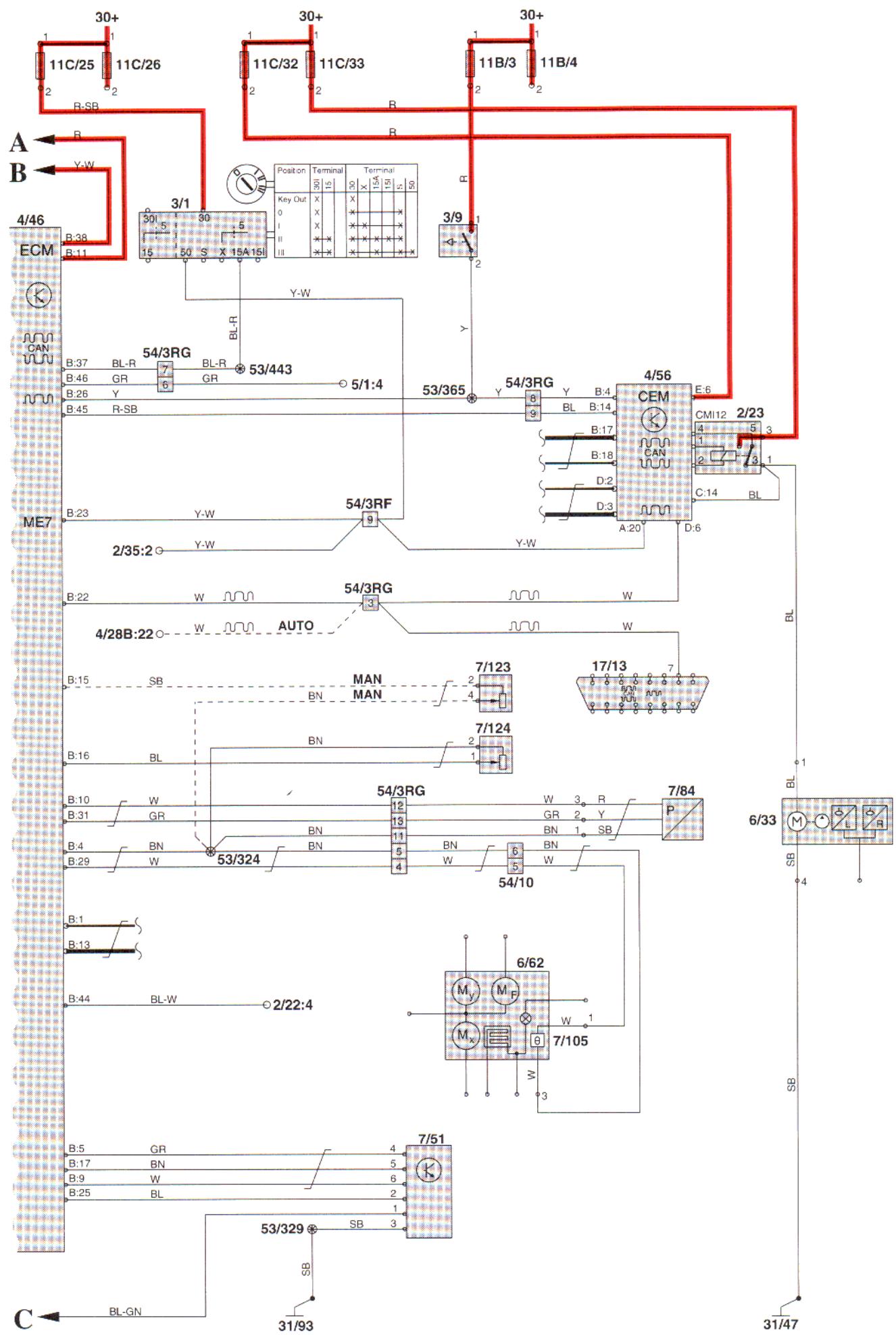
5 cylinder engines



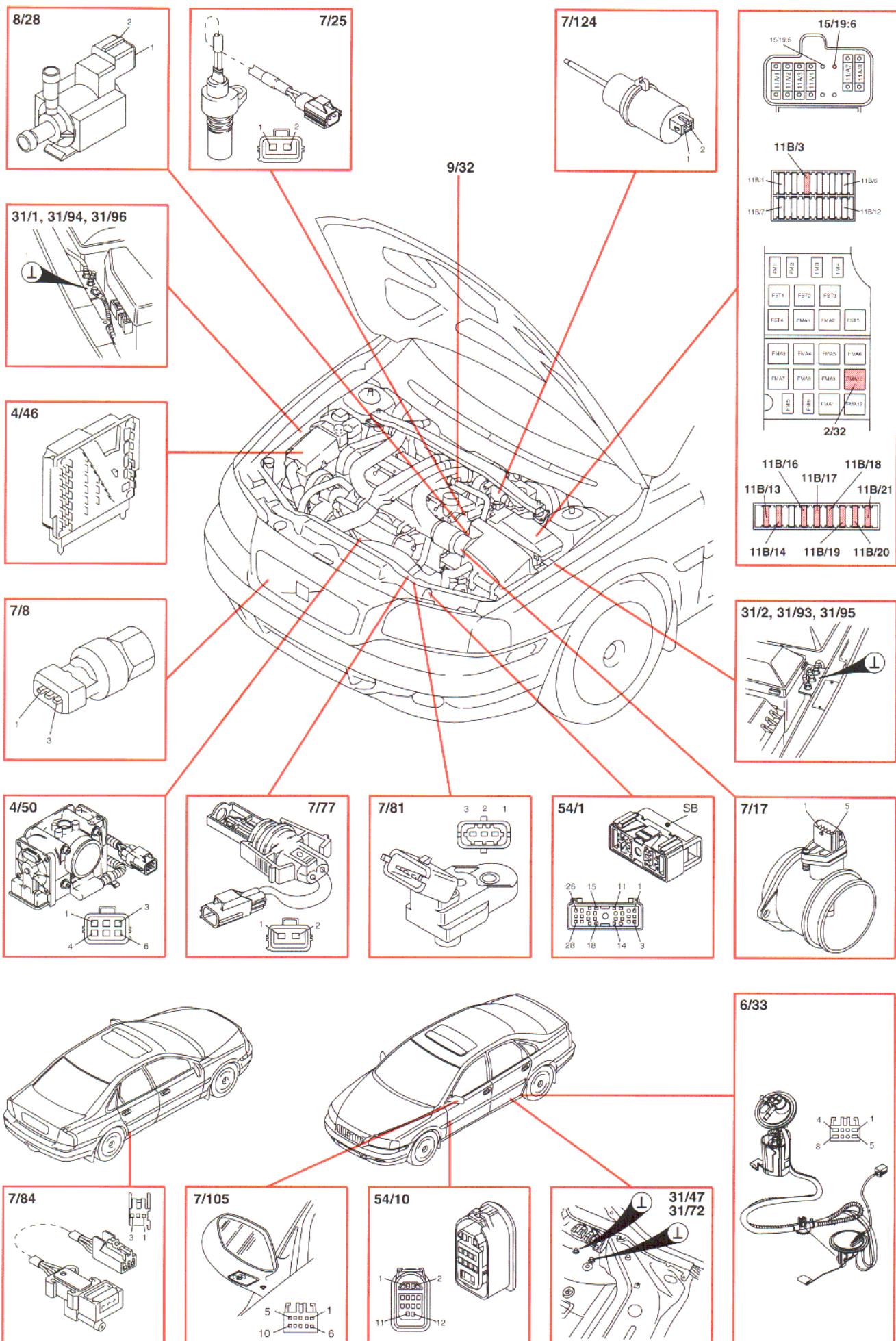
Engine management system ME7 5 cylinder engines



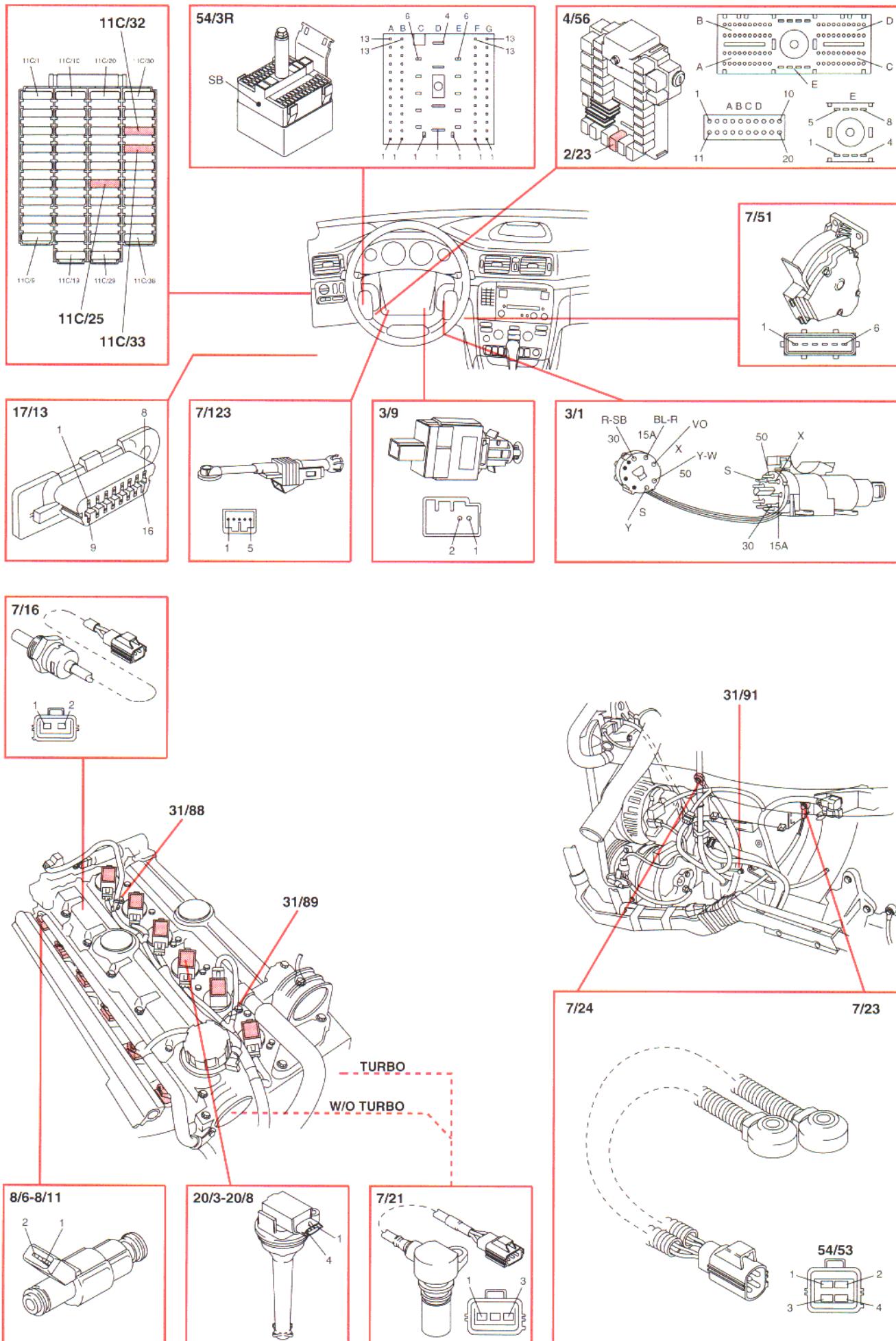
Engine management system ME7 6 cylinder engines



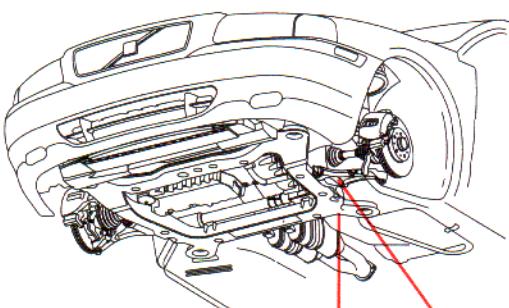
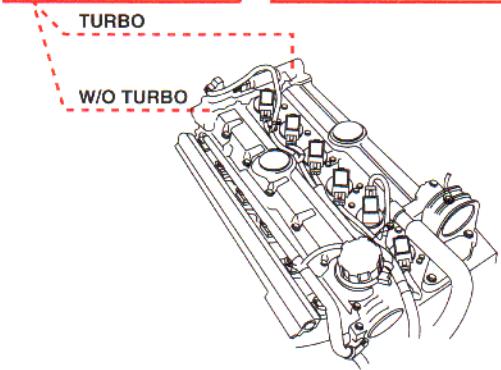
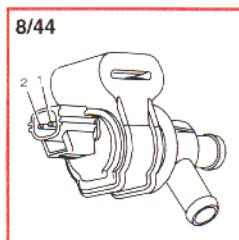
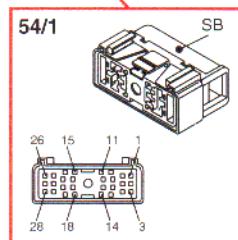
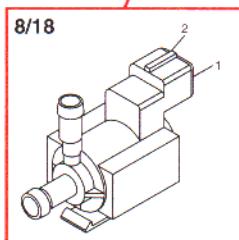
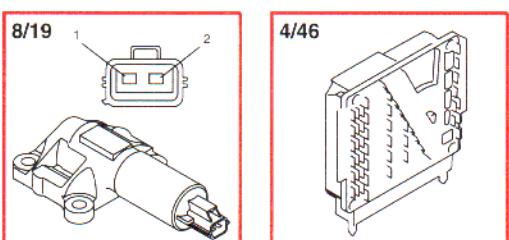
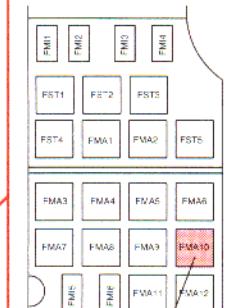
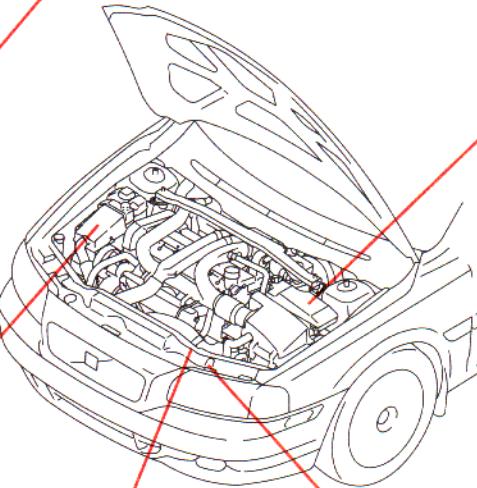
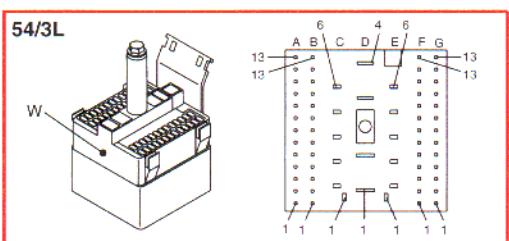
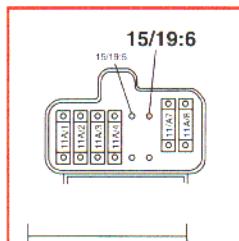
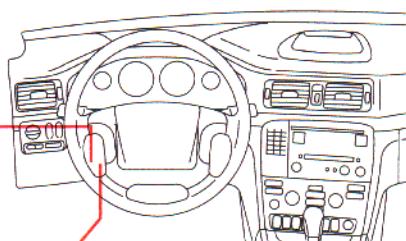
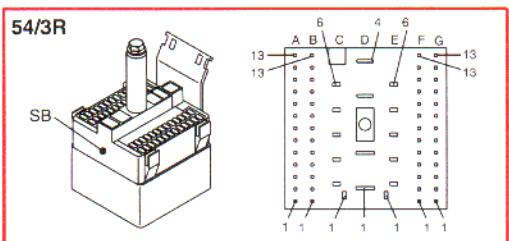
Engine management system ME7 6 cylinder engines



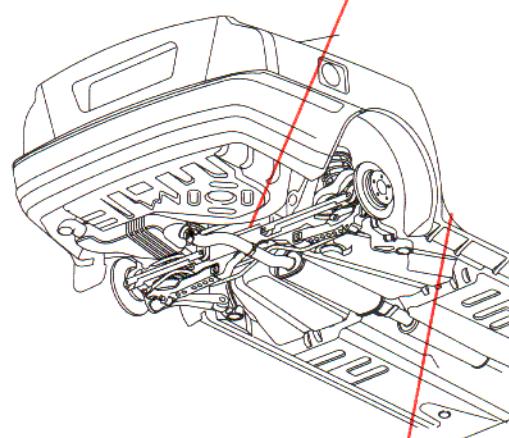
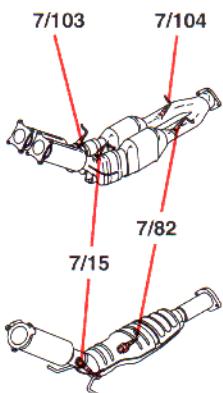
Engine management system ME7 6 cylinder engines



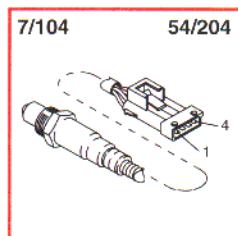
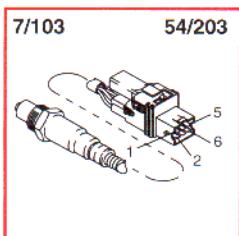
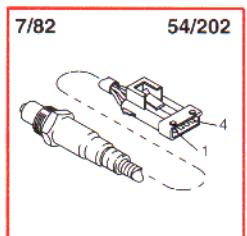
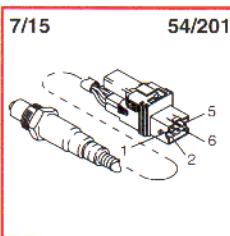
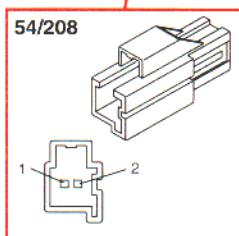
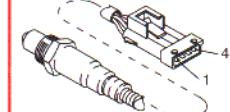
Emissions control ME7



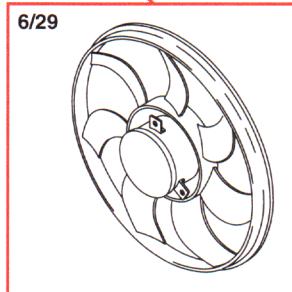
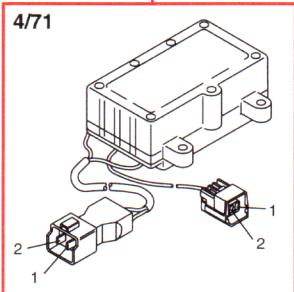
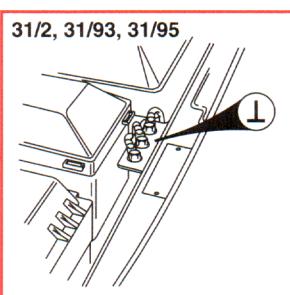
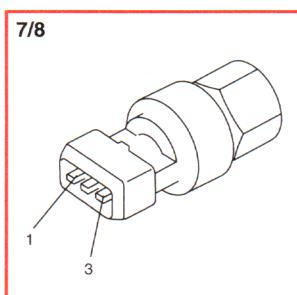
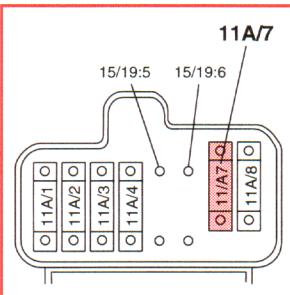
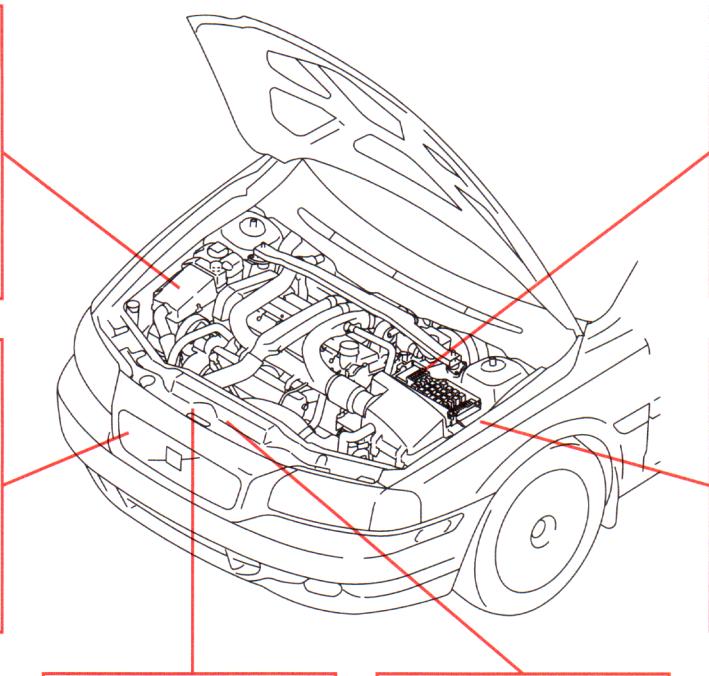
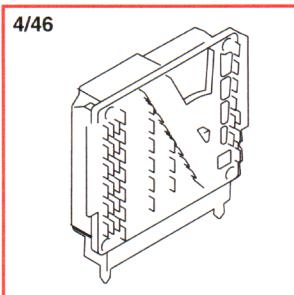
**54/203,
54/204**

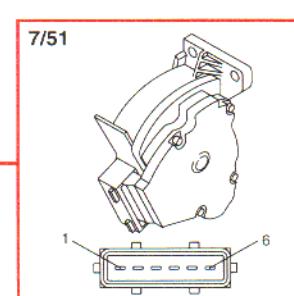
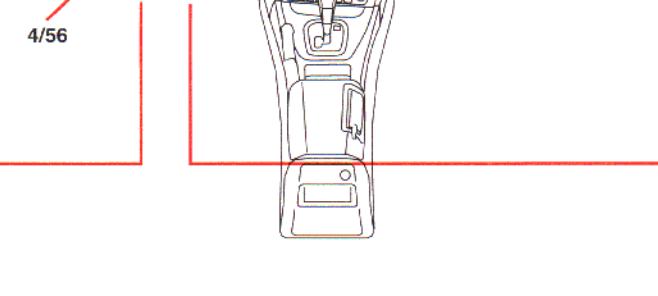
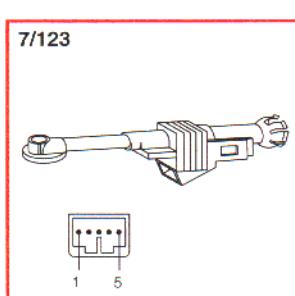
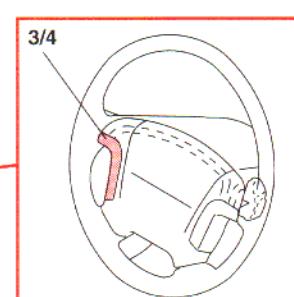
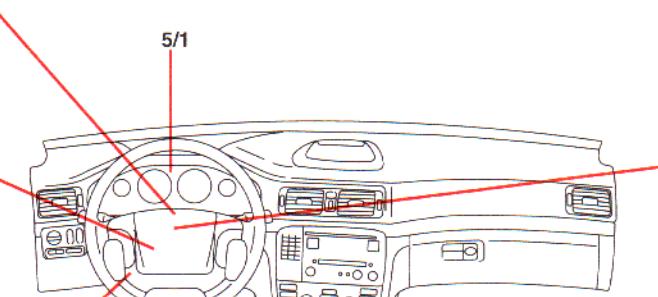
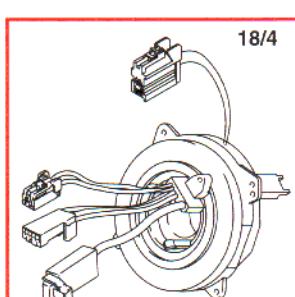
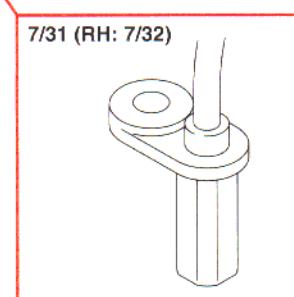
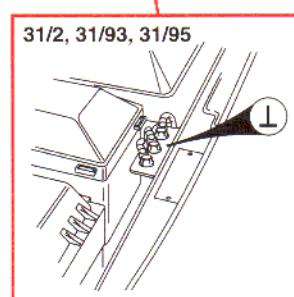
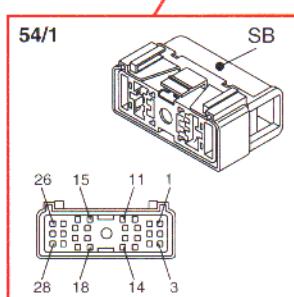
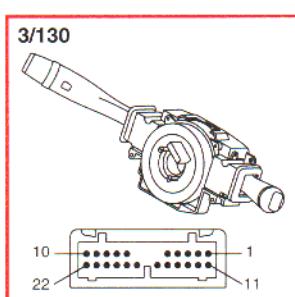
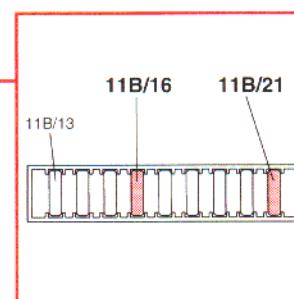
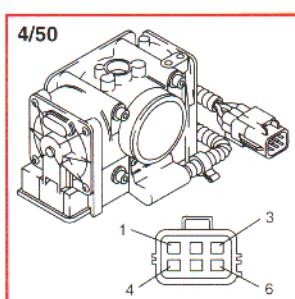
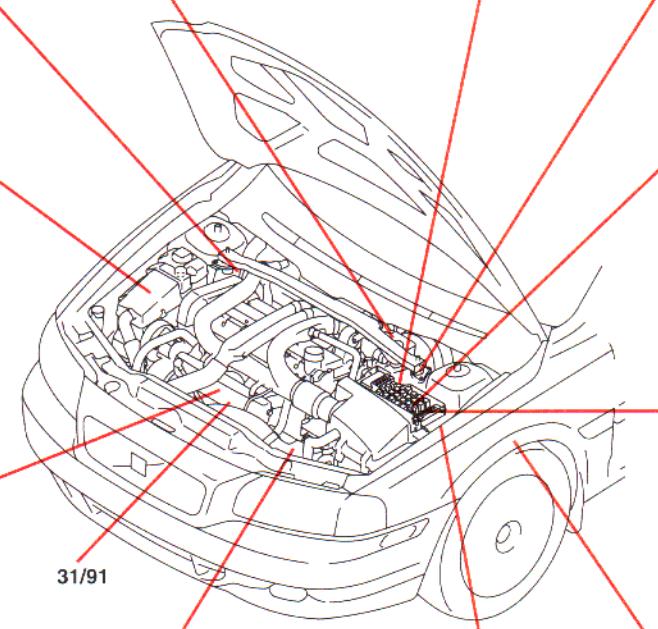
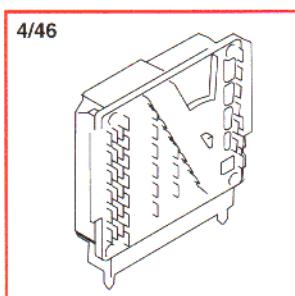
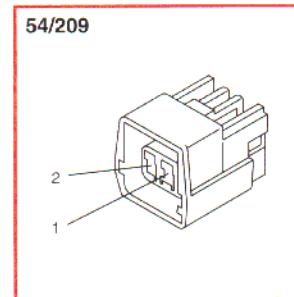
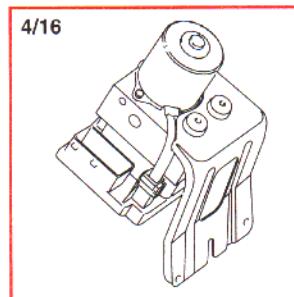
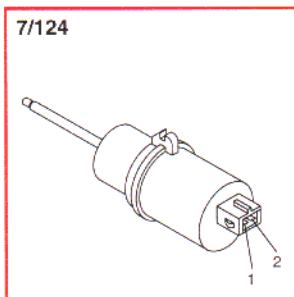
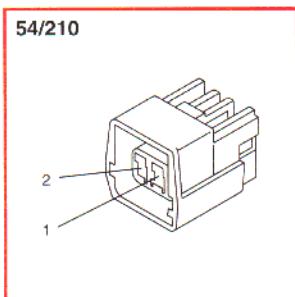


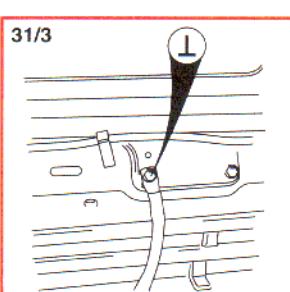
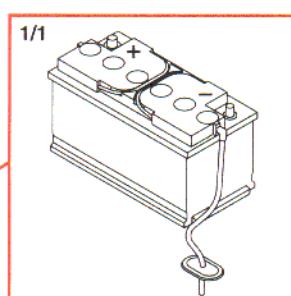
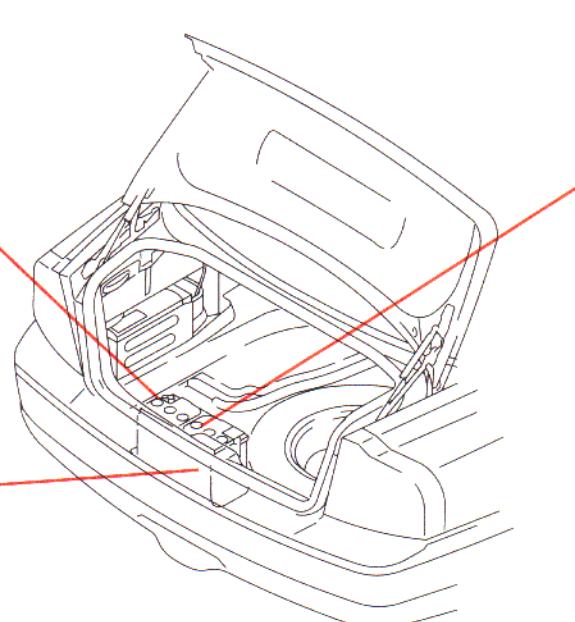
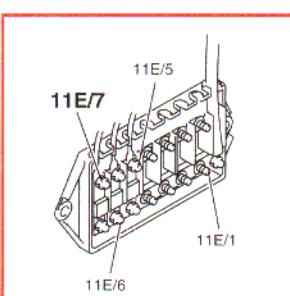
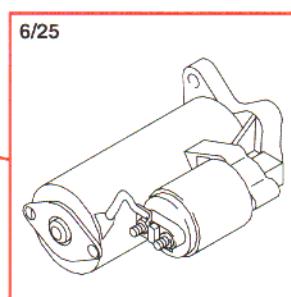
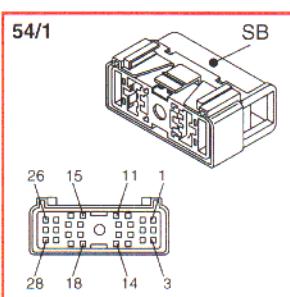
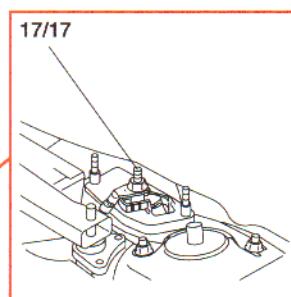
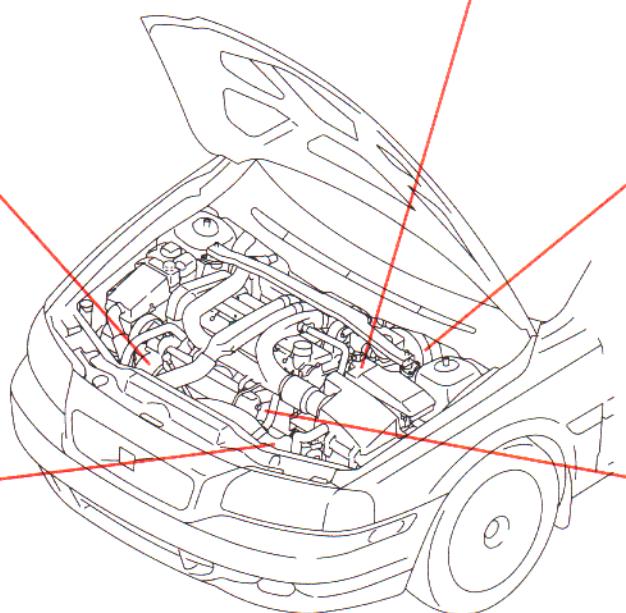
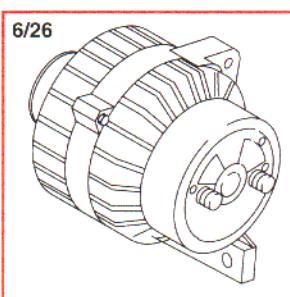
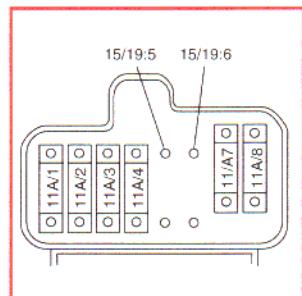
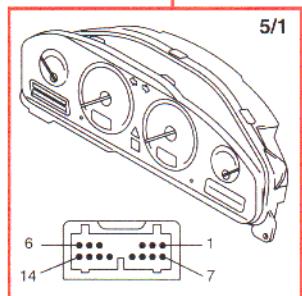
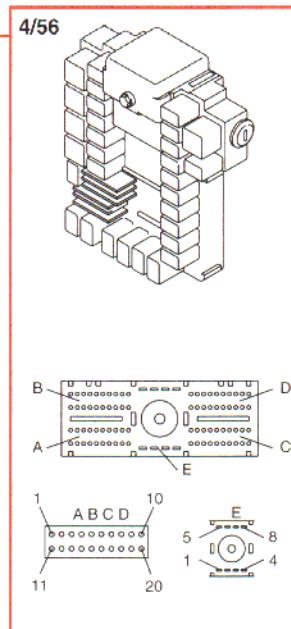
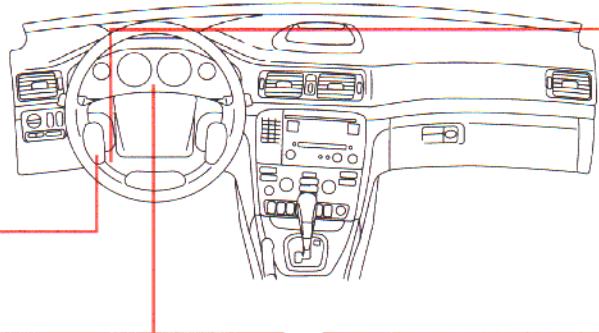
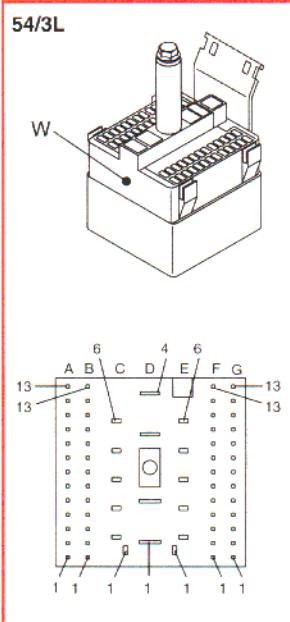
7/104



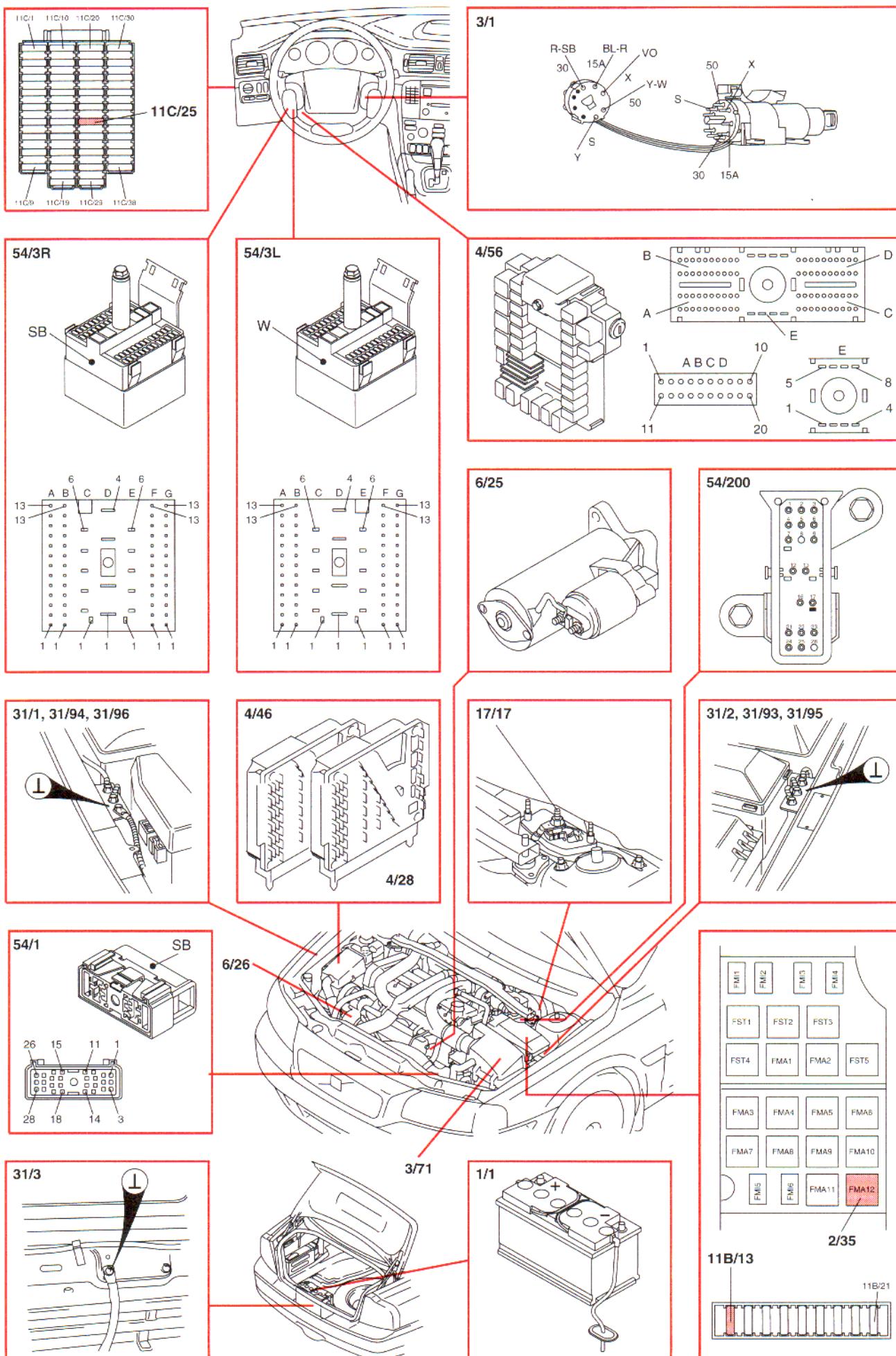
Engine cooling fan (FC)



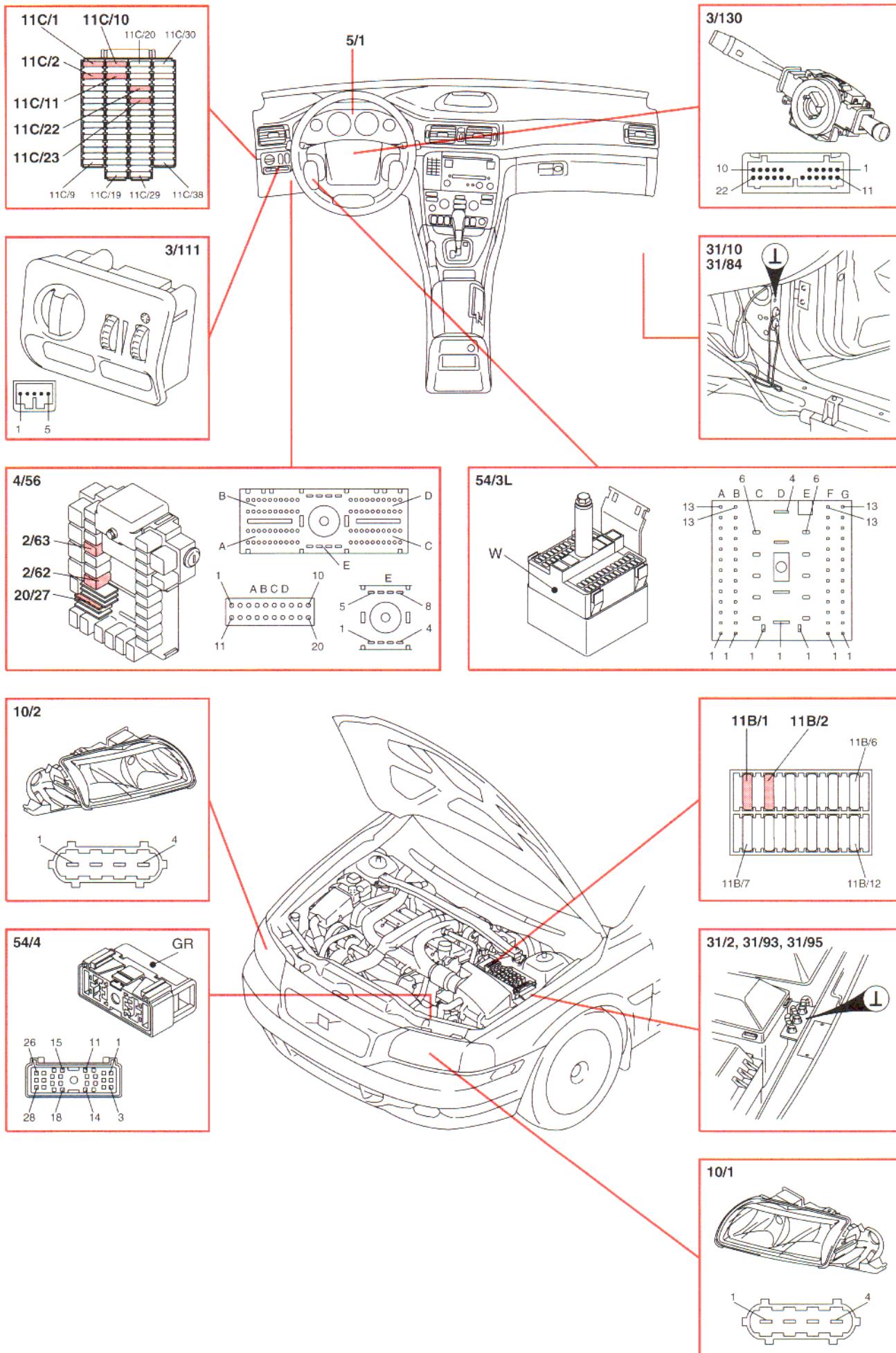




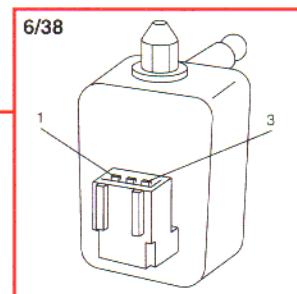
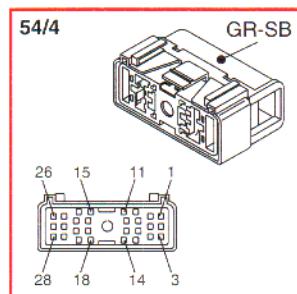
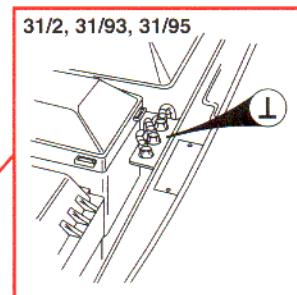
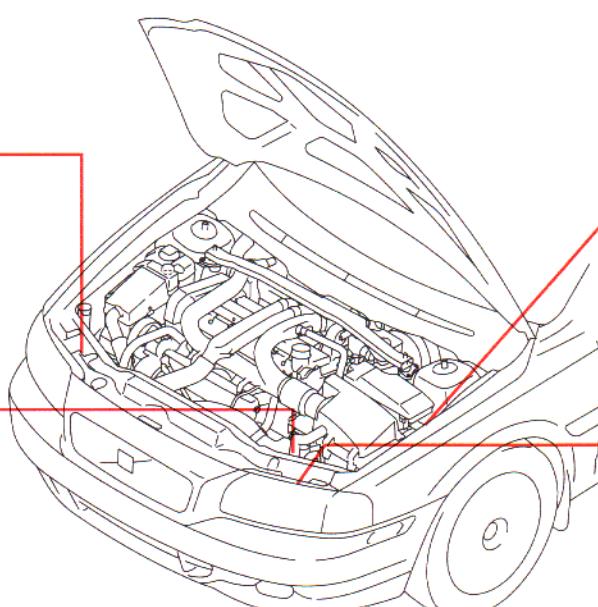
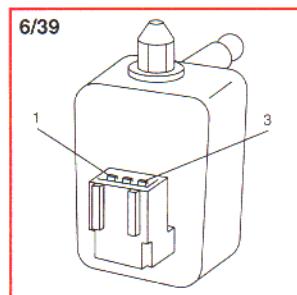
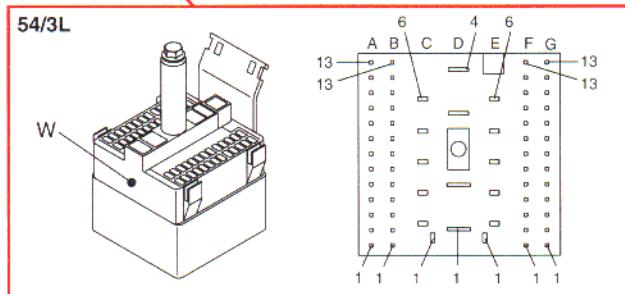
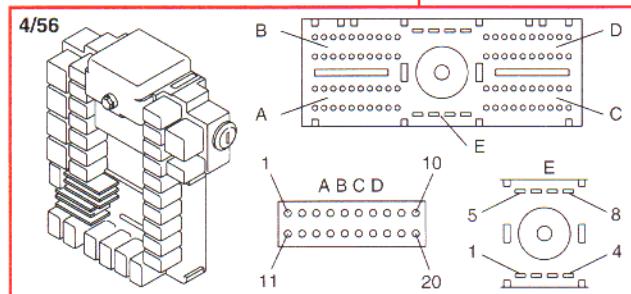
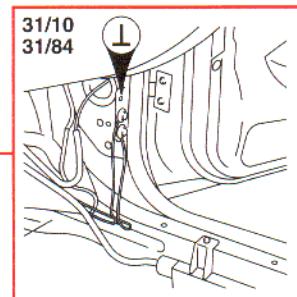
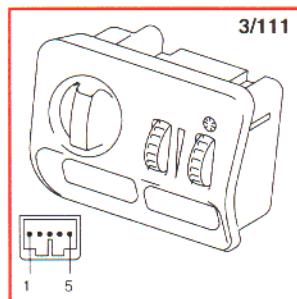
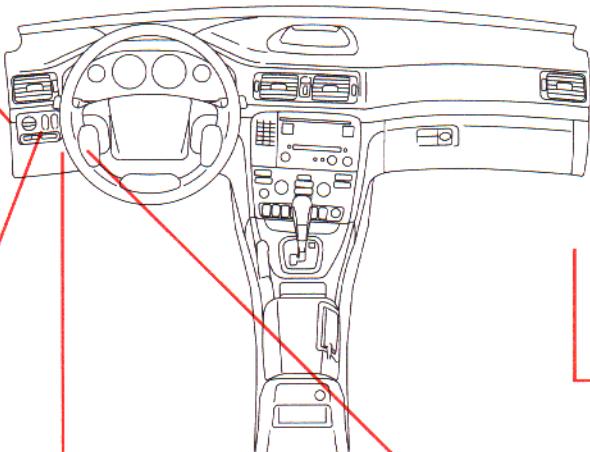
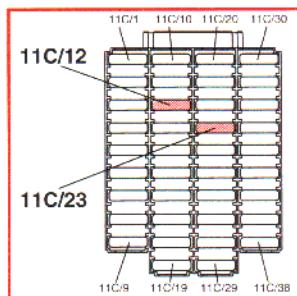
Starter system



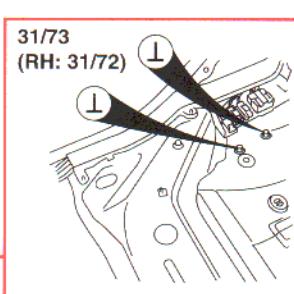
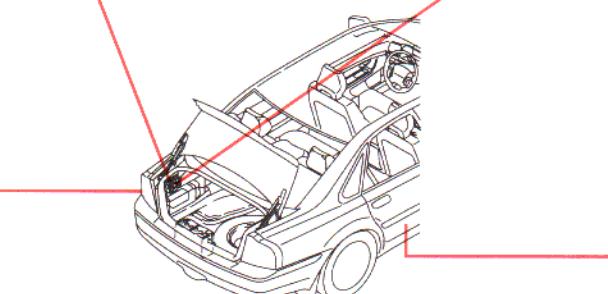
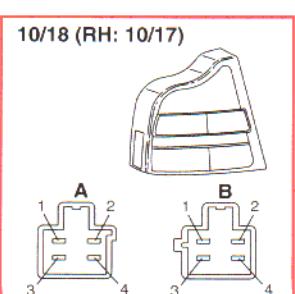
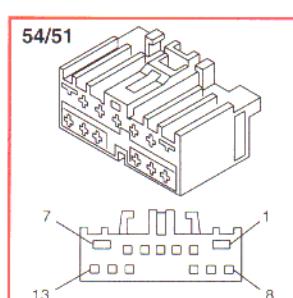
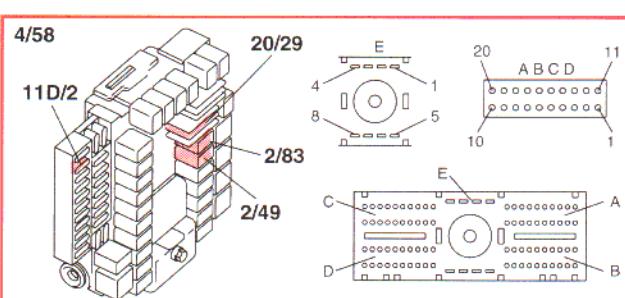
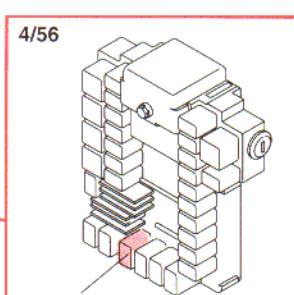
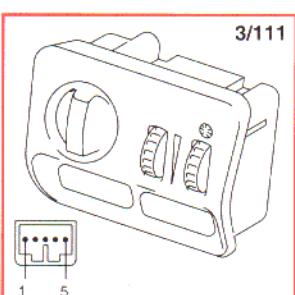
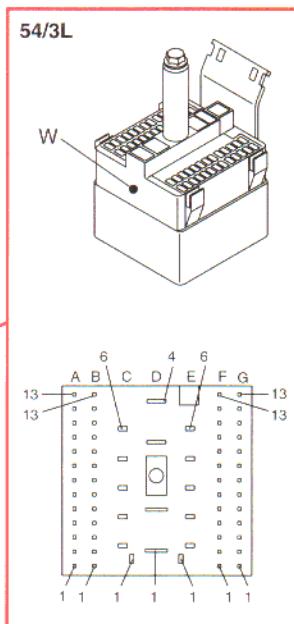
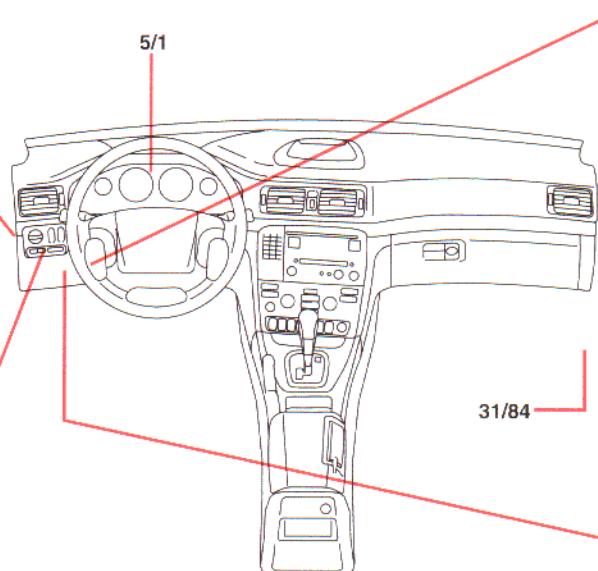
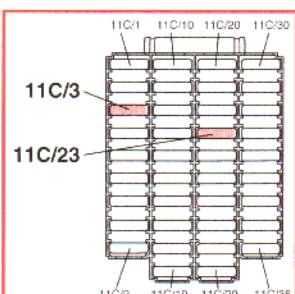
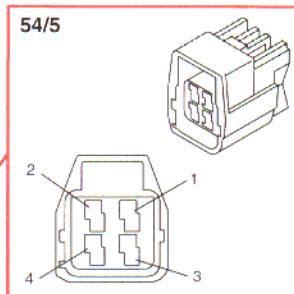
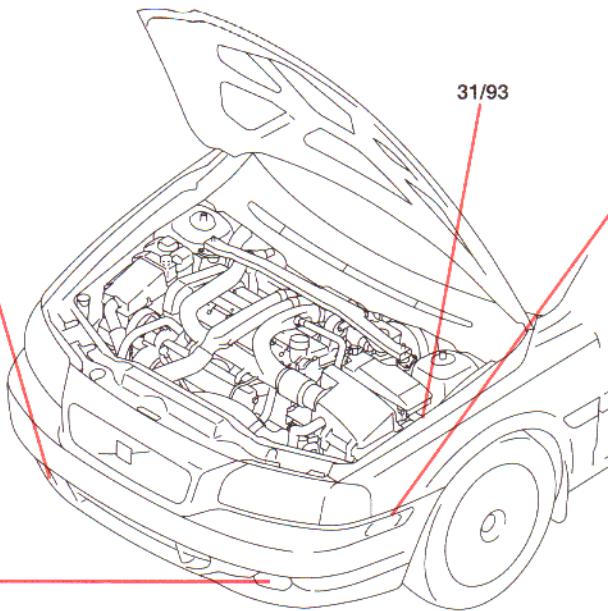
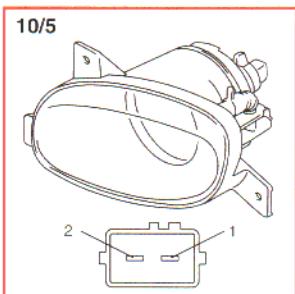
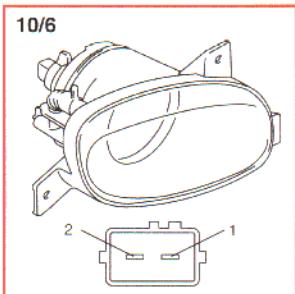
High and low beams



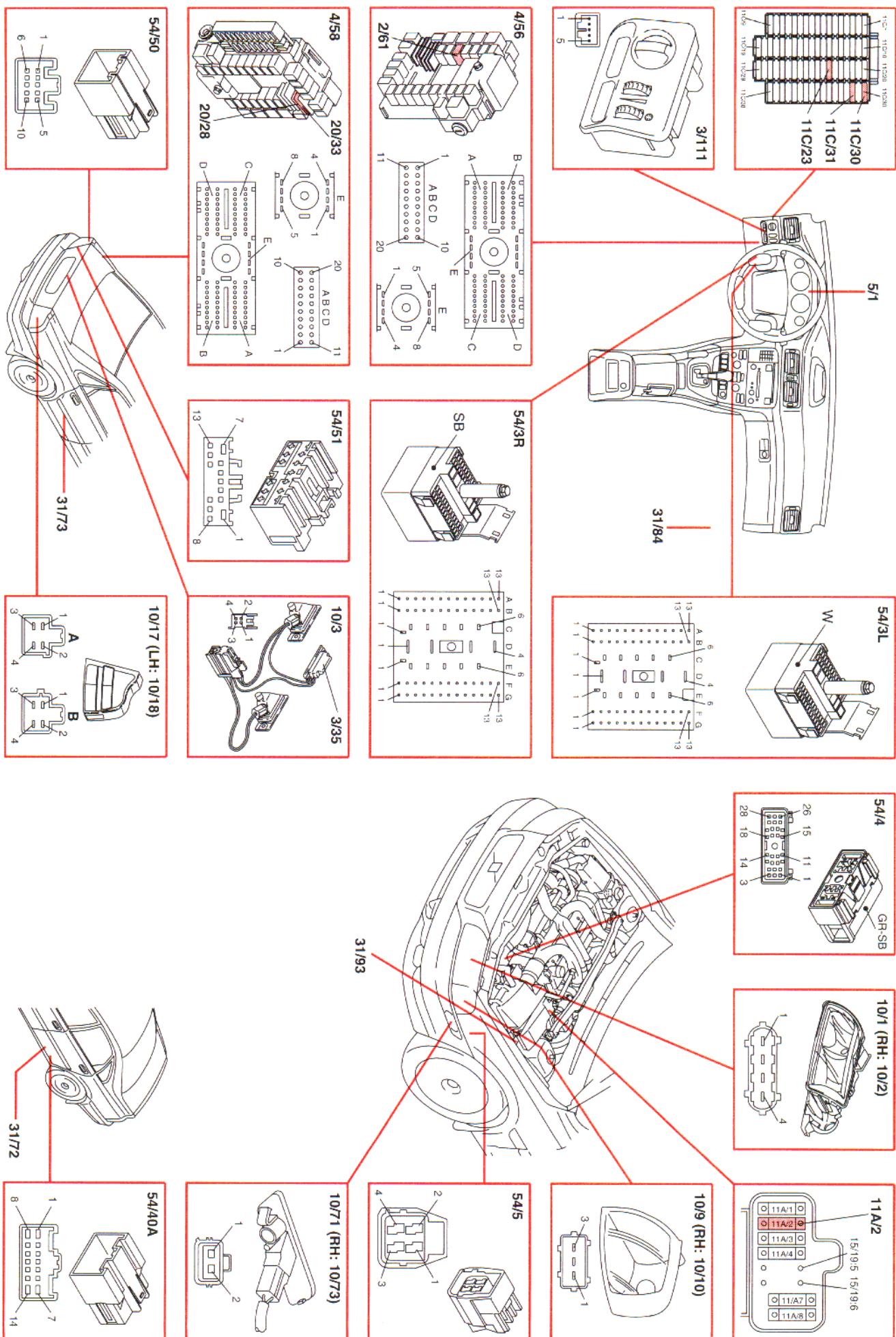
Beam height control



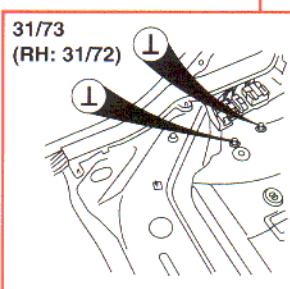
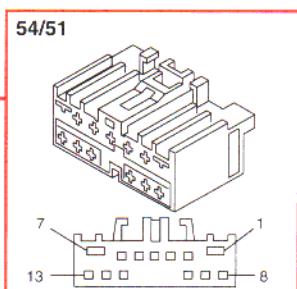
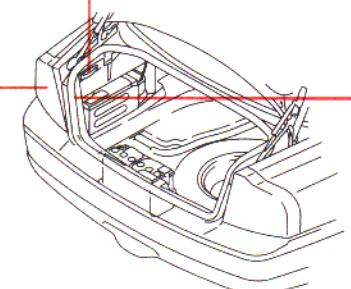
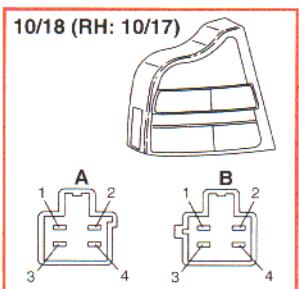
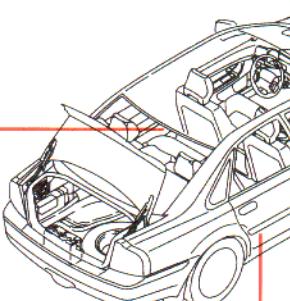
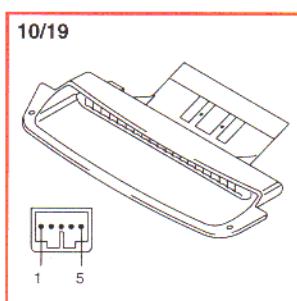
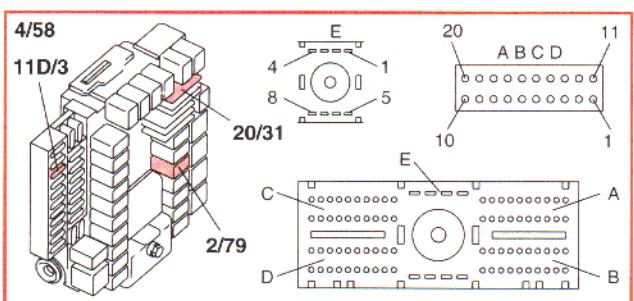
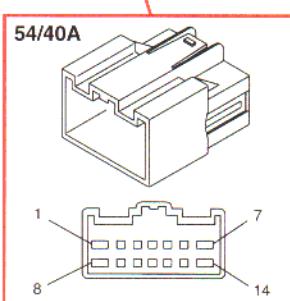
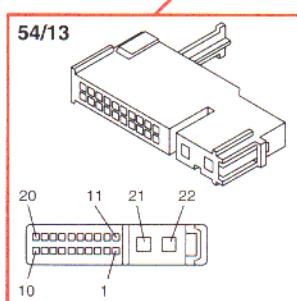
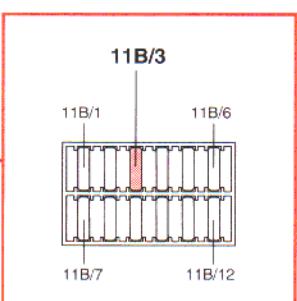
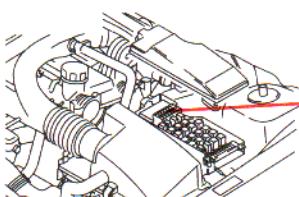
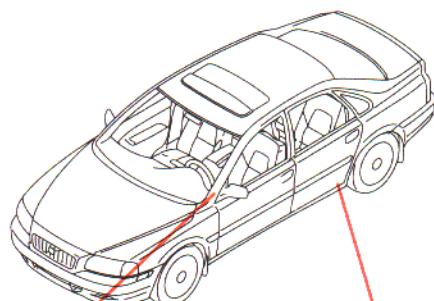
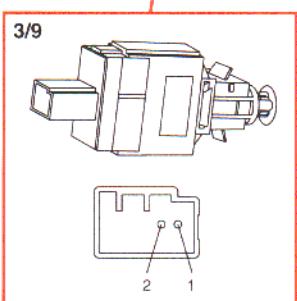
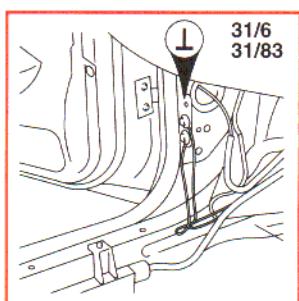
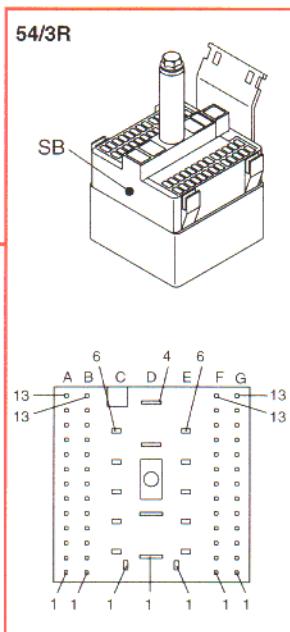
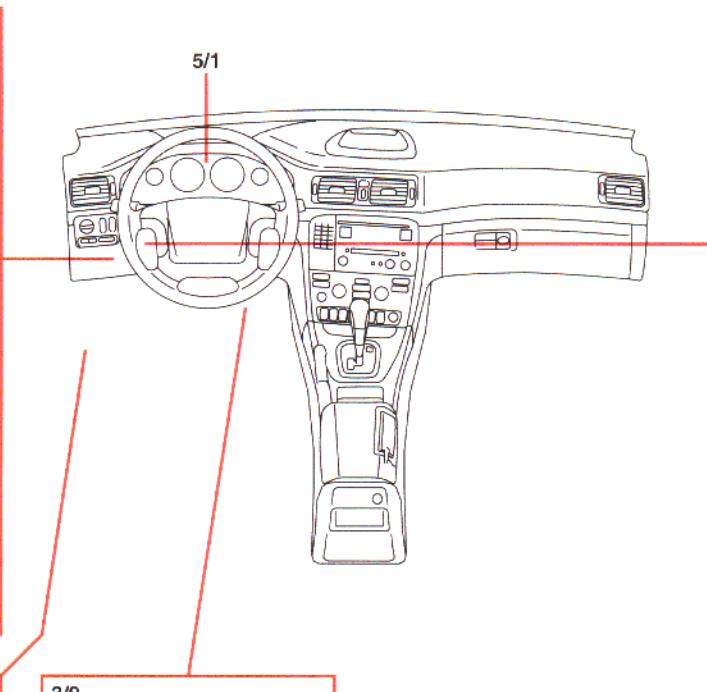
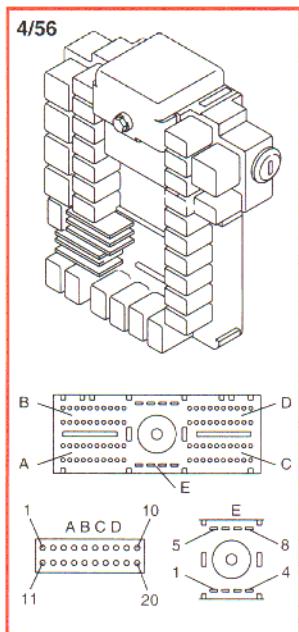
Fog lamp



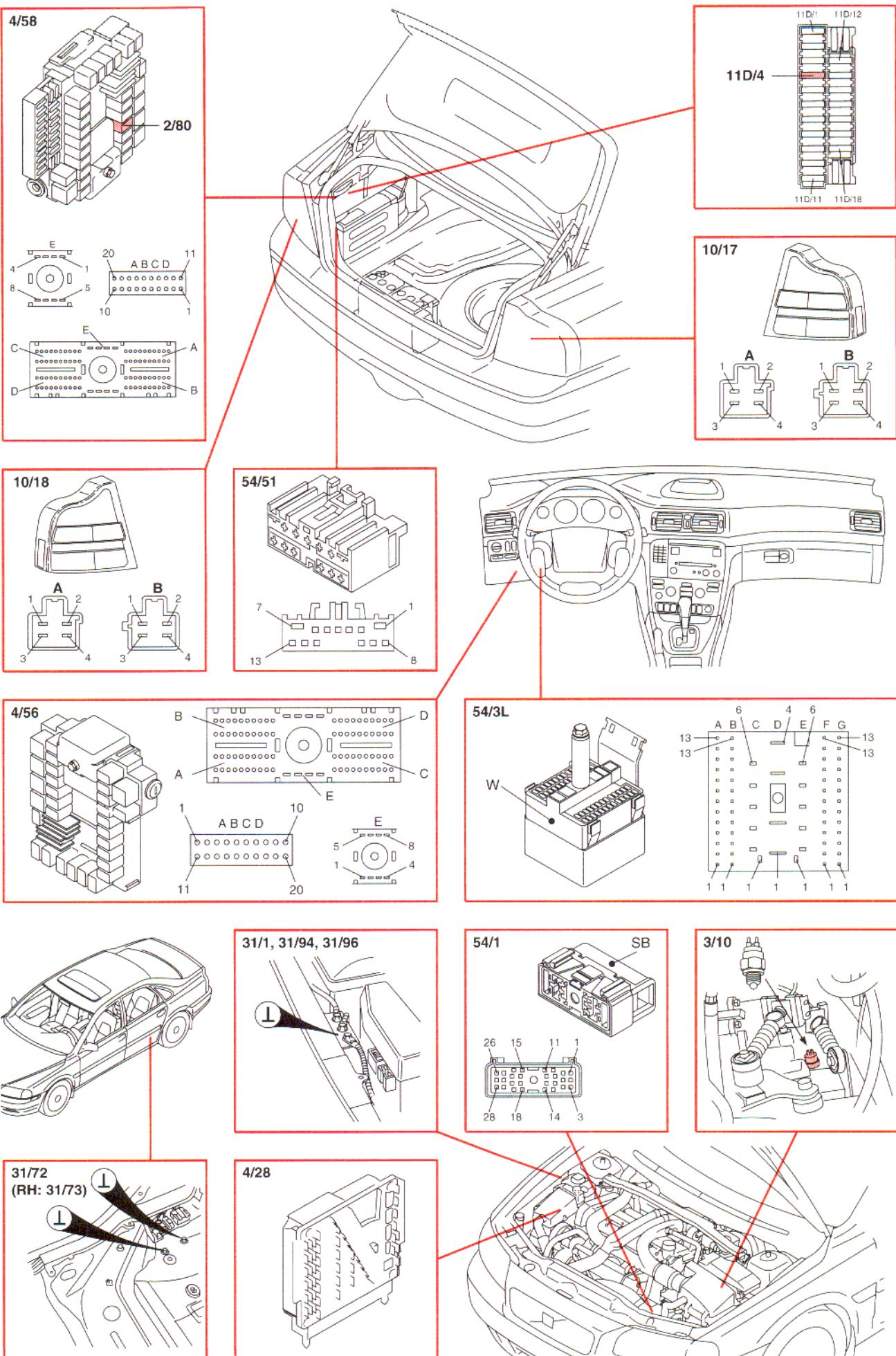
Parking lamps, tail lamps and license (number) plate lighting



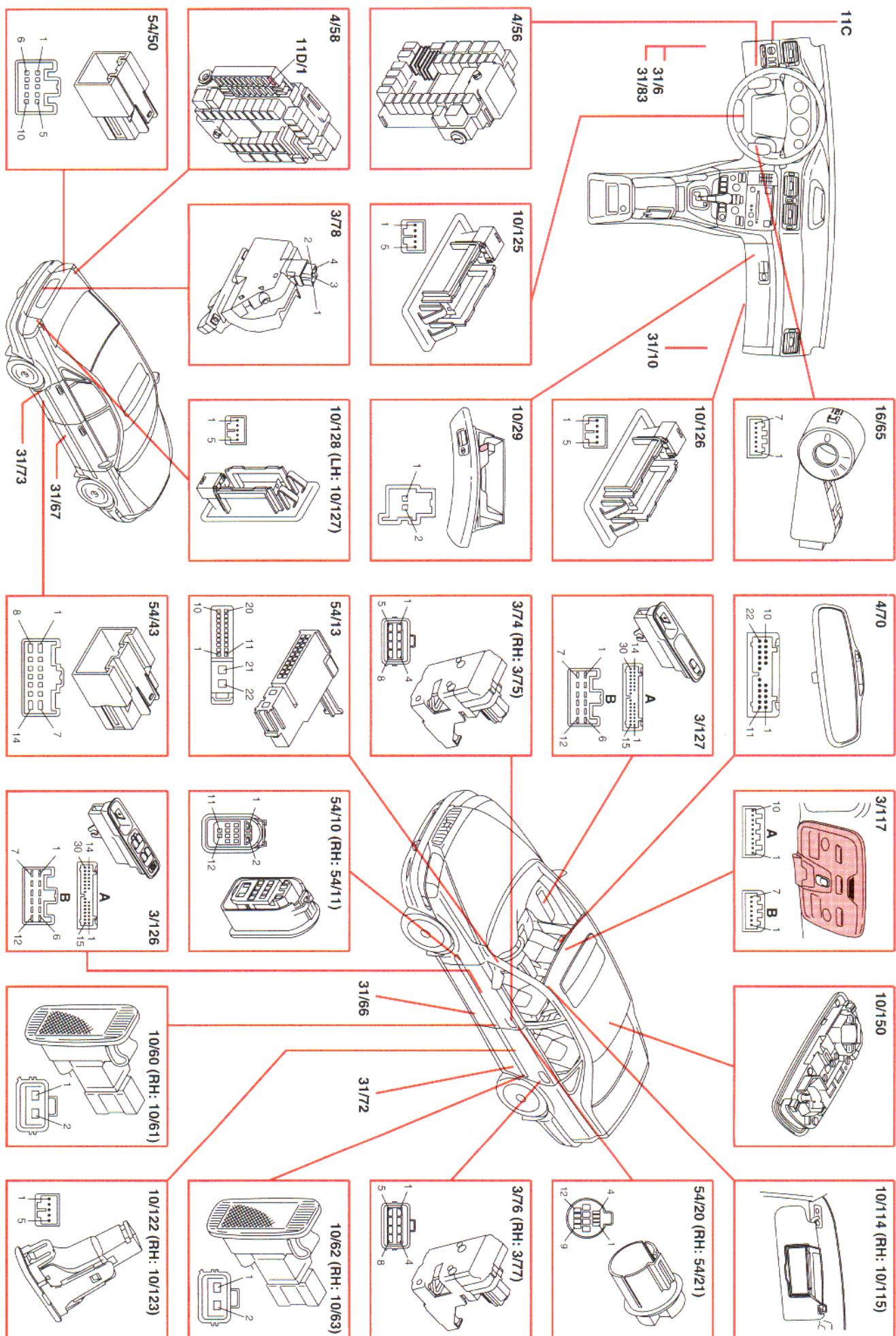
Brake (stop) lamps



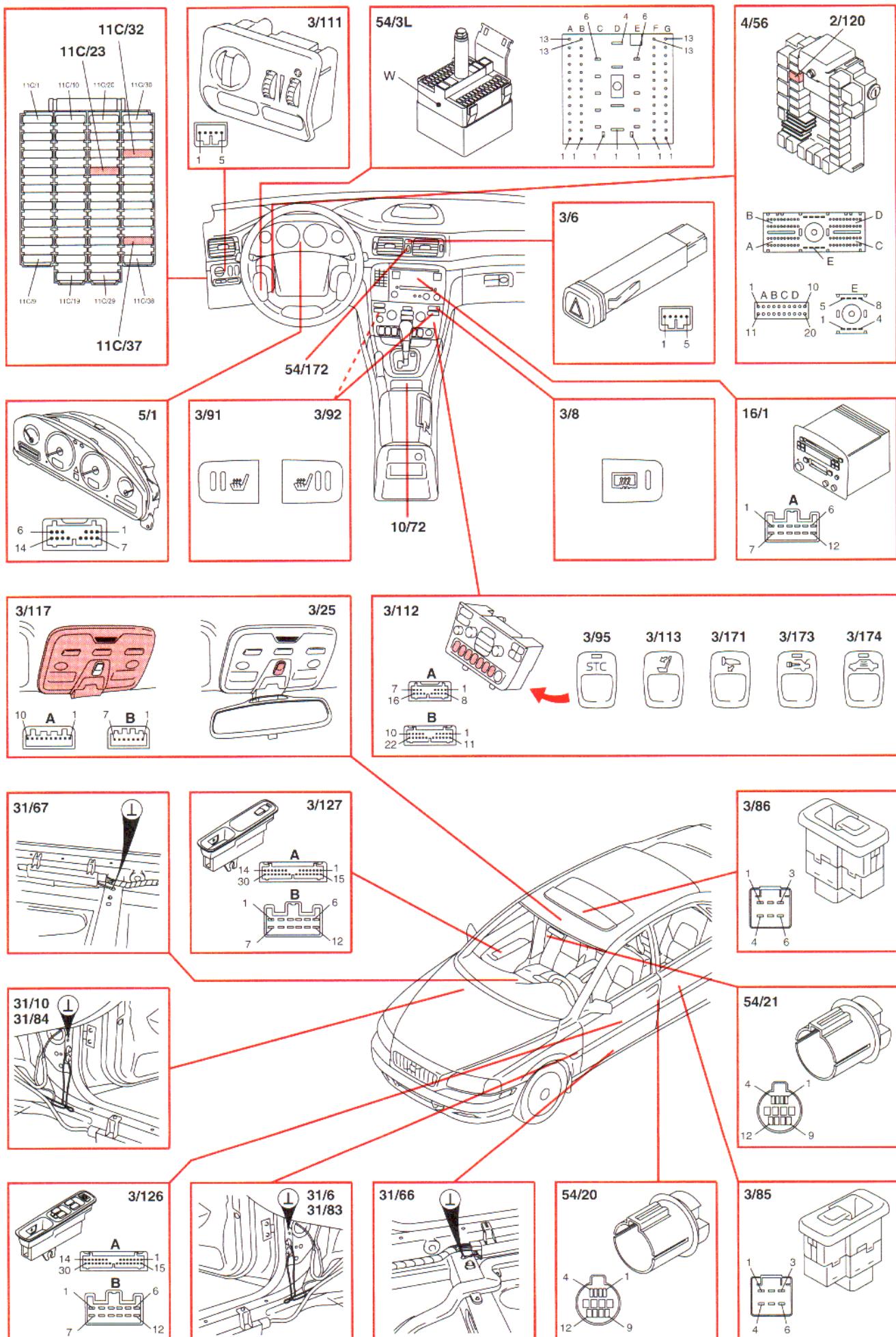
Reversing lamp

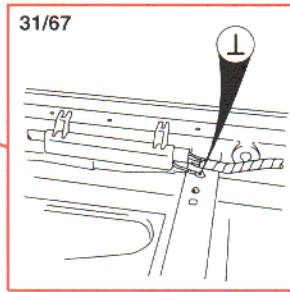
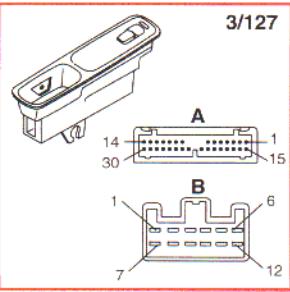
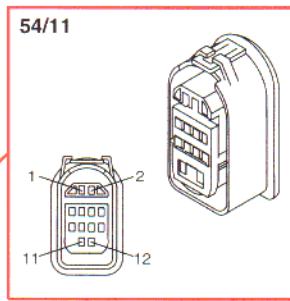
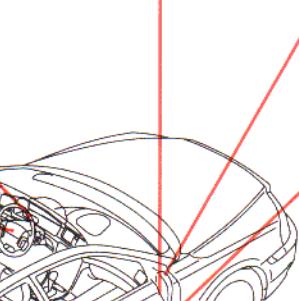
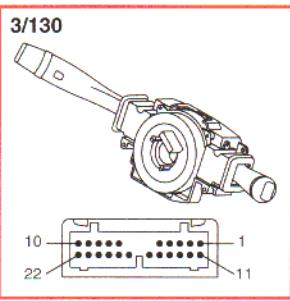
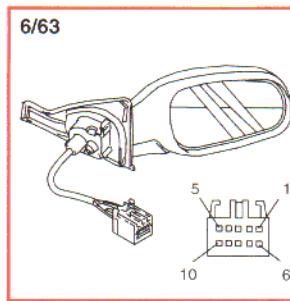
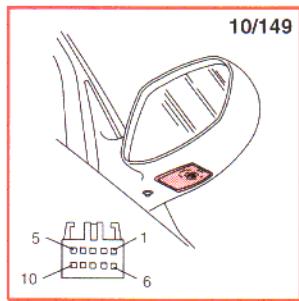
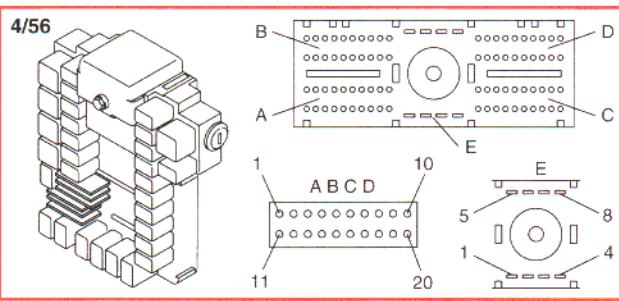
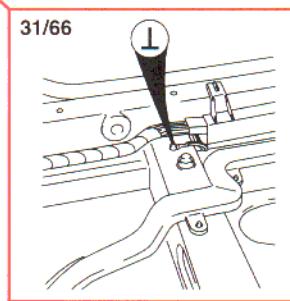
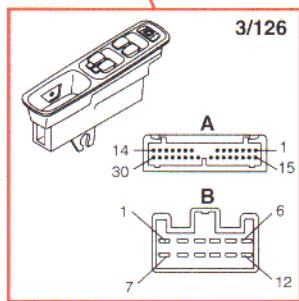
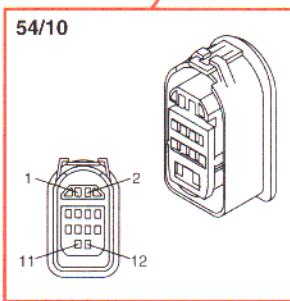
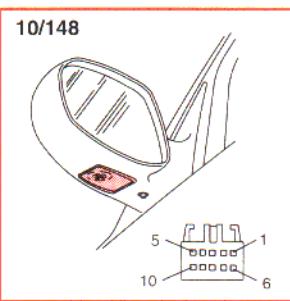
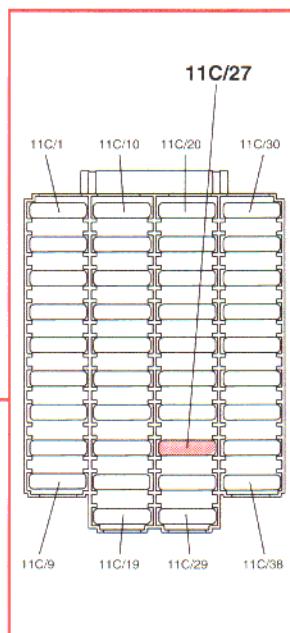
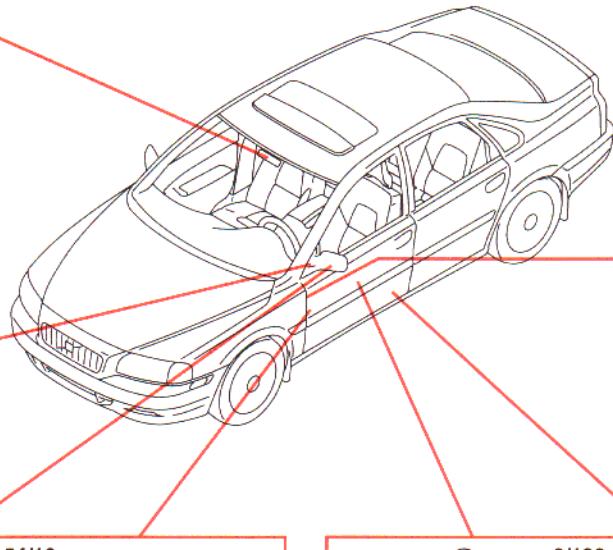
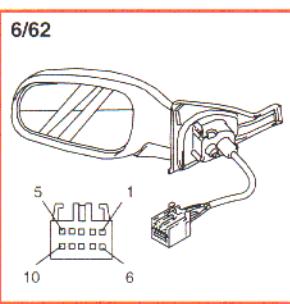
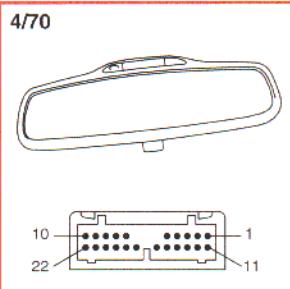


Interior lighting

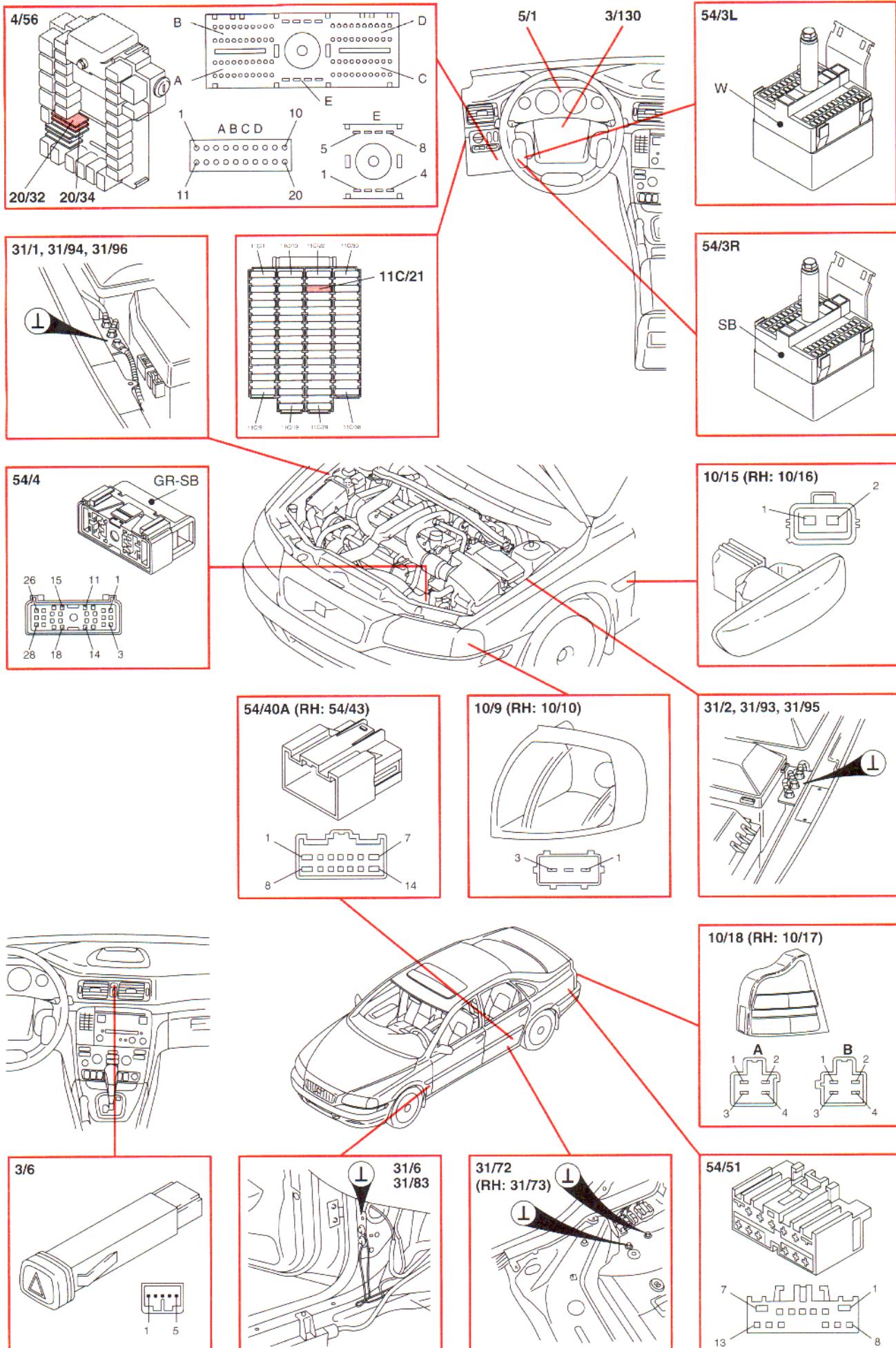


Instrument and control lighting

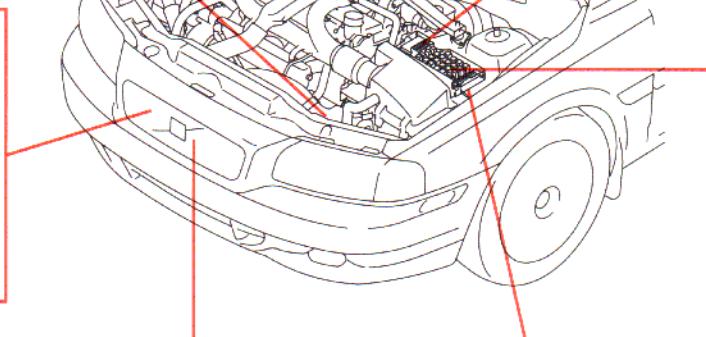
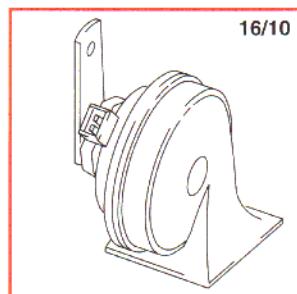
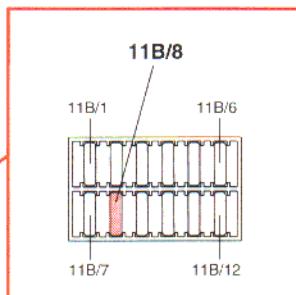
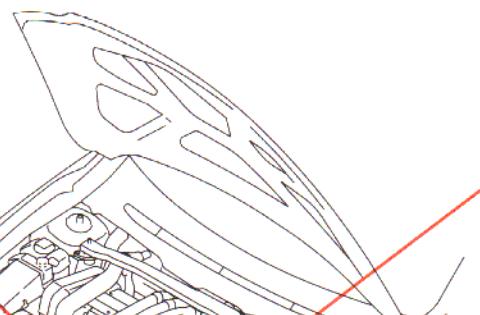
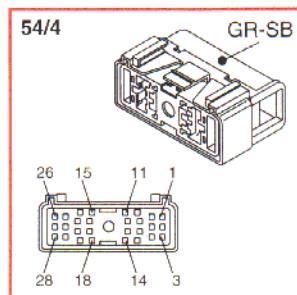




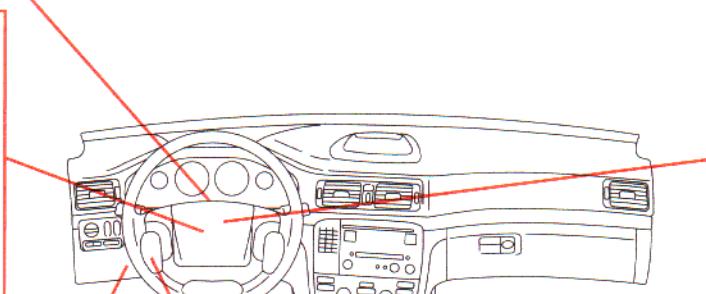
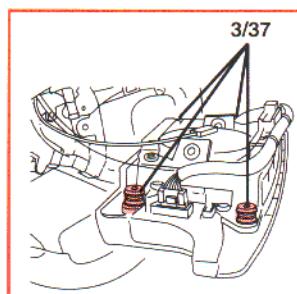
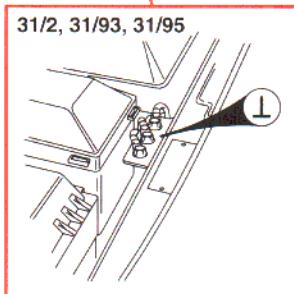
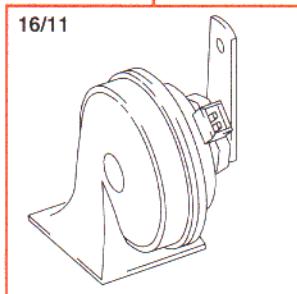
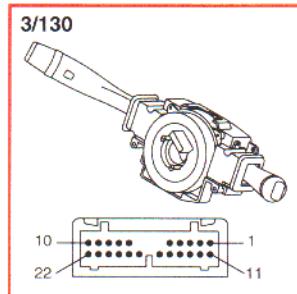
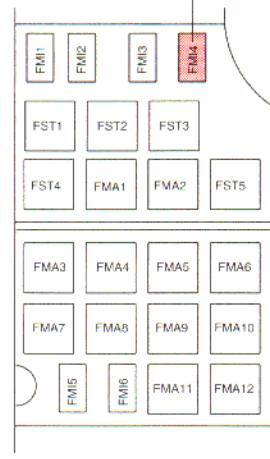
Turn signal lamps and hazard warning signal flashers



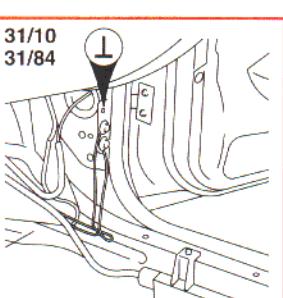
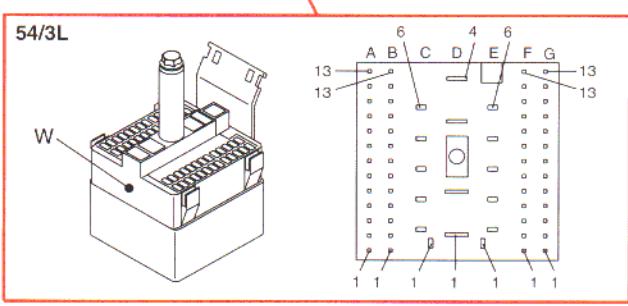
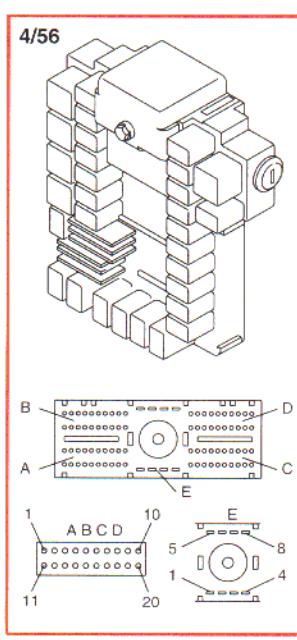
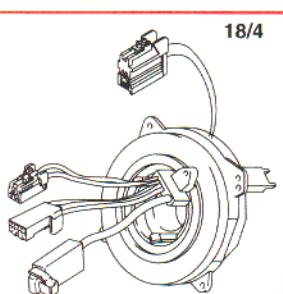
Signal horn



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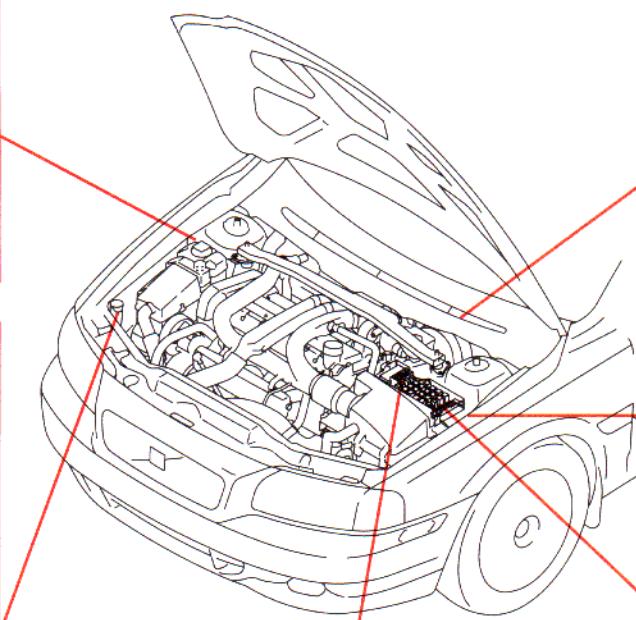
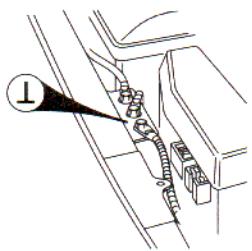


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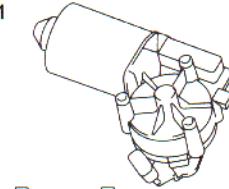


Wash/wipe Windshield

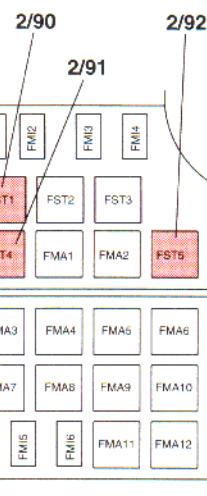
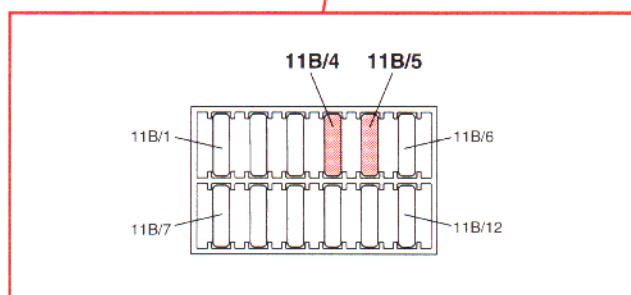
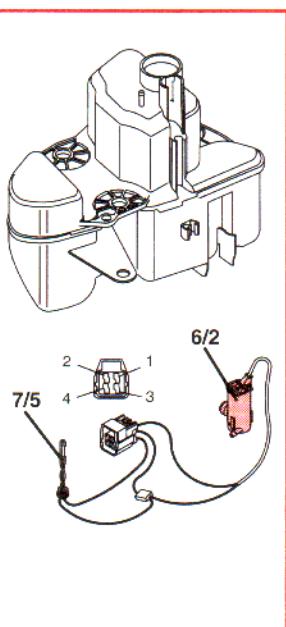
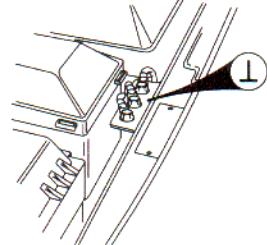
31/1, 31/94, 31/96



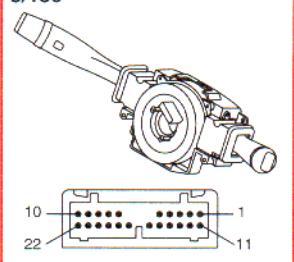
6/1



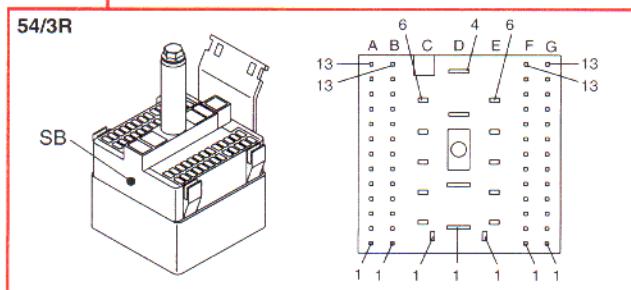
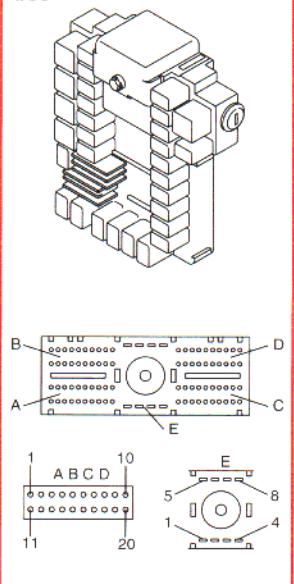
31/2, 31/93, 31/95



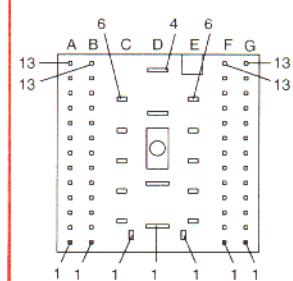
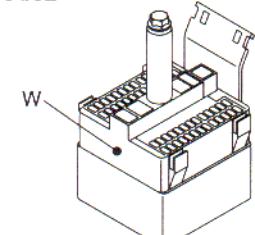
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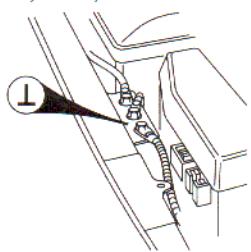


54/3L

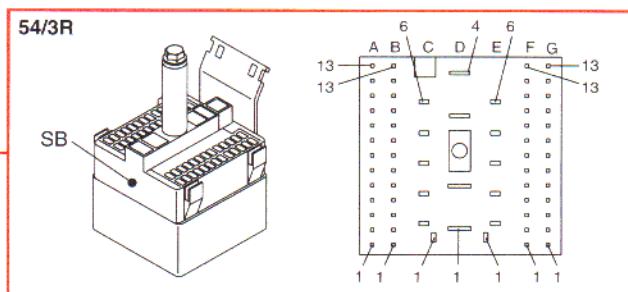
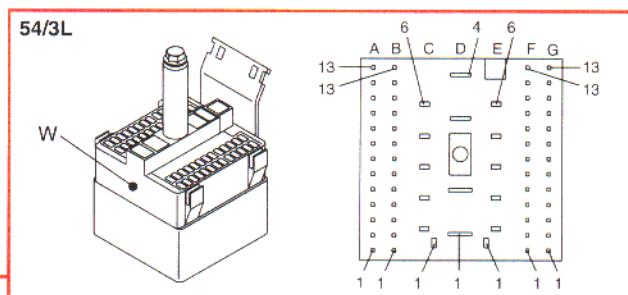
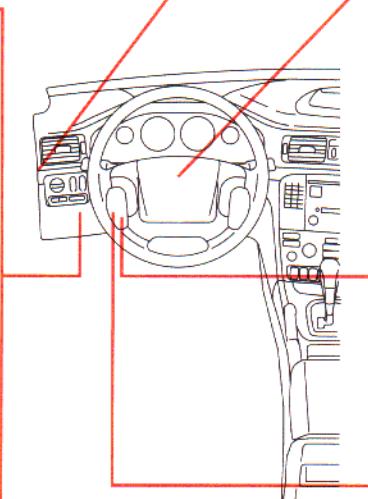
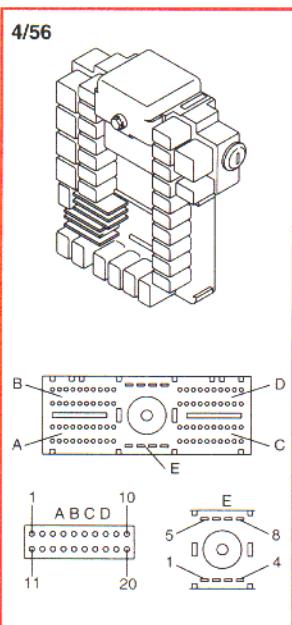
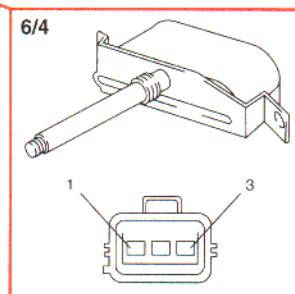
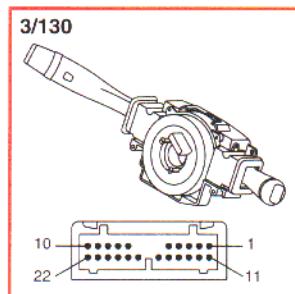
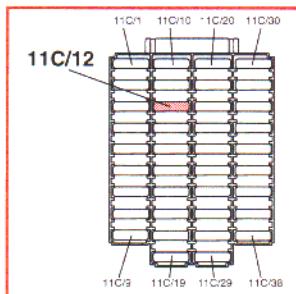
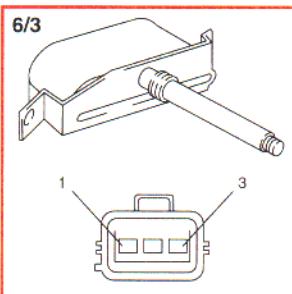
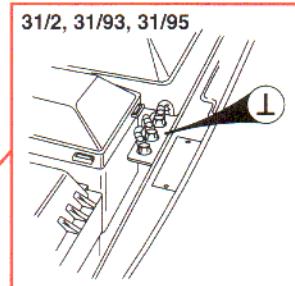
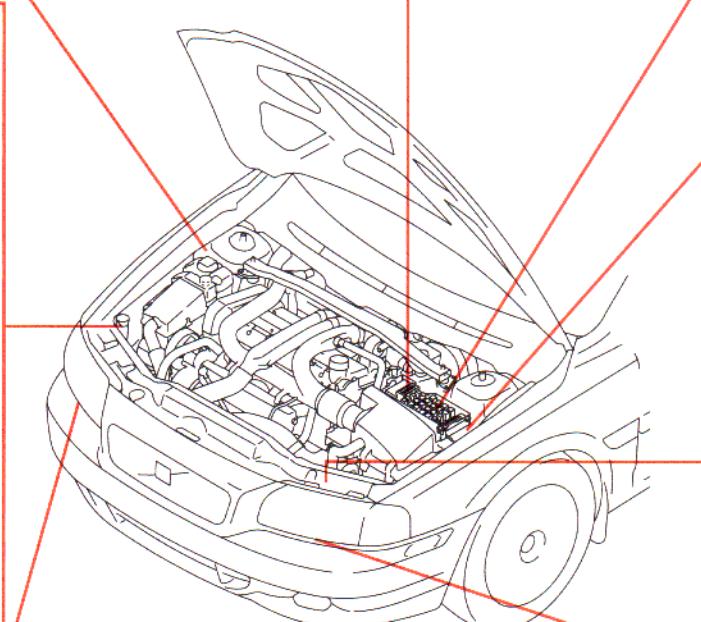
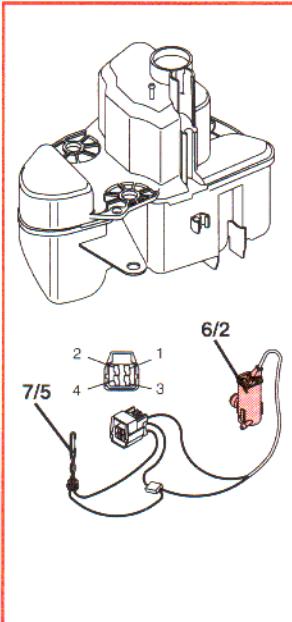
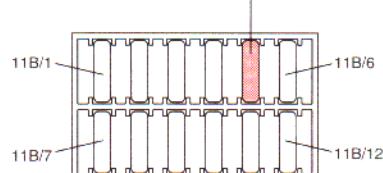


Wash/wipe Headlamp

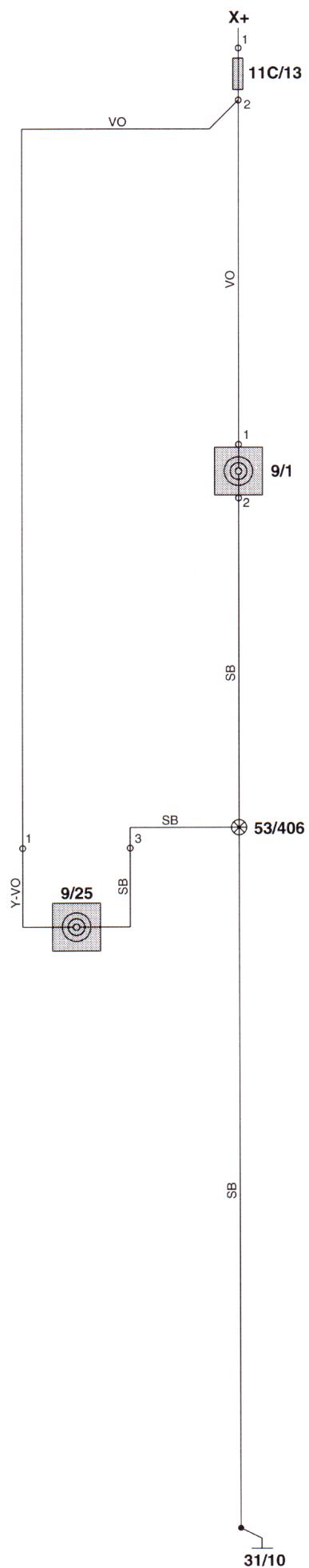
31/1, 31/94, 31/96



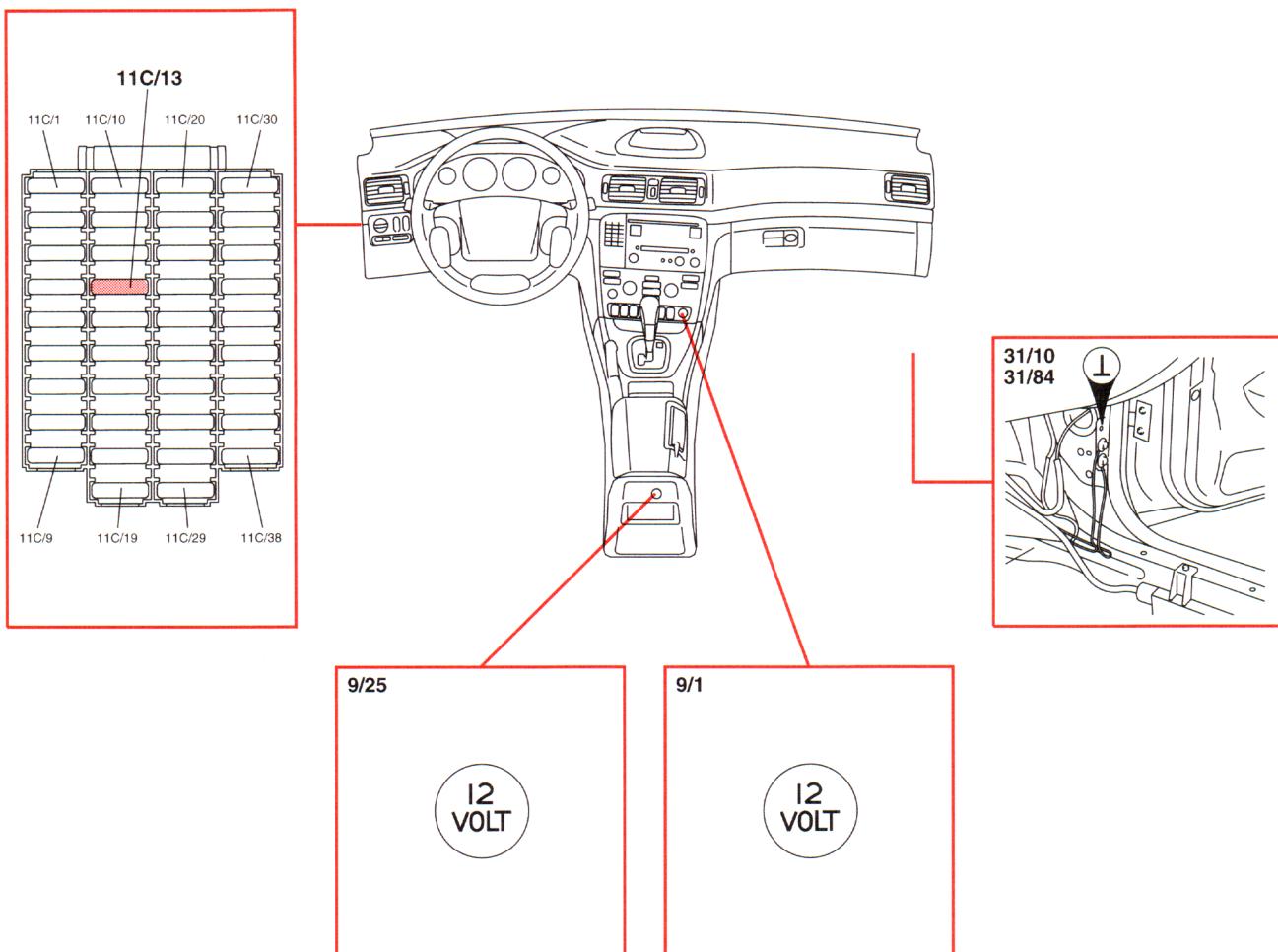
11B/5



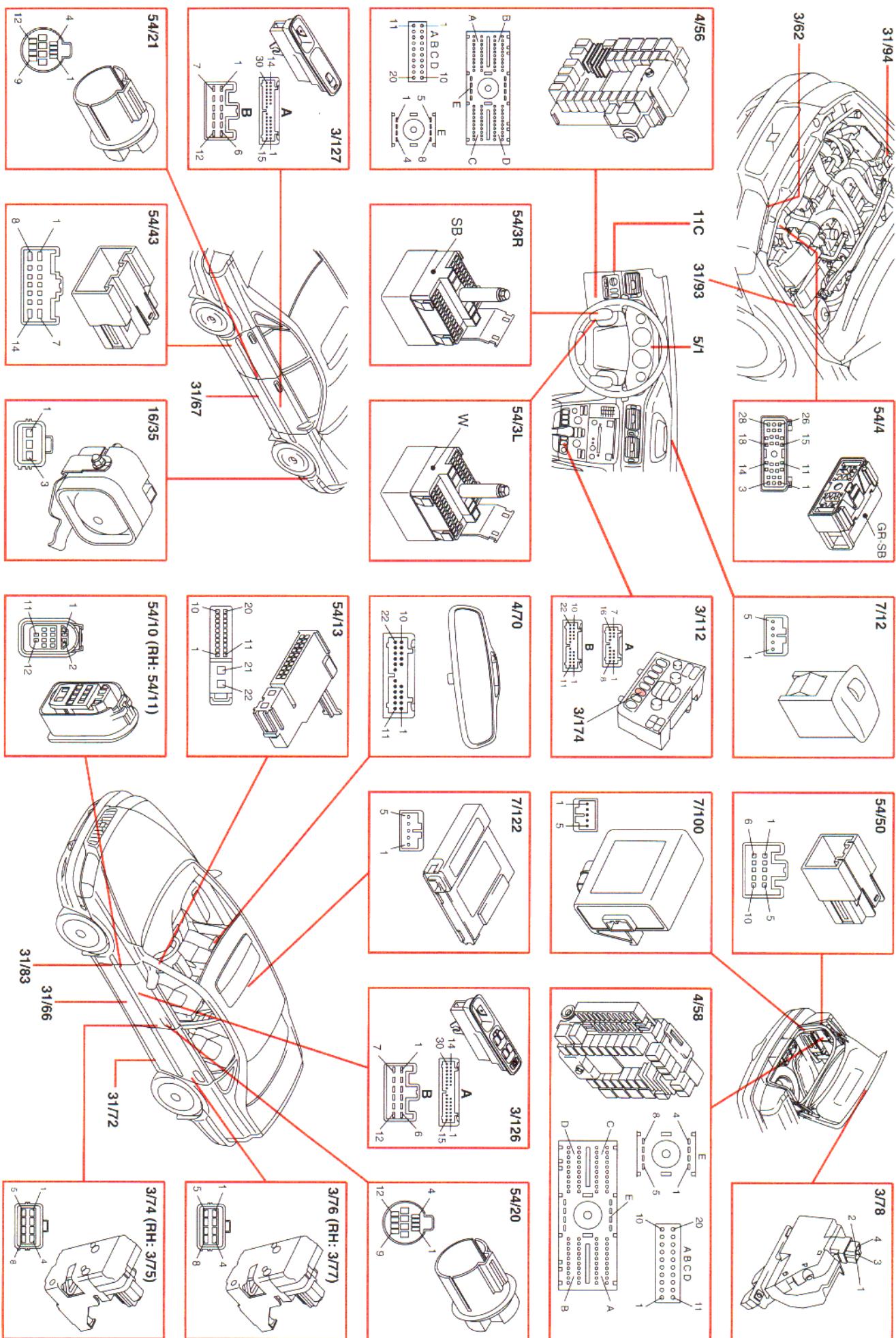
Cigarette lighter

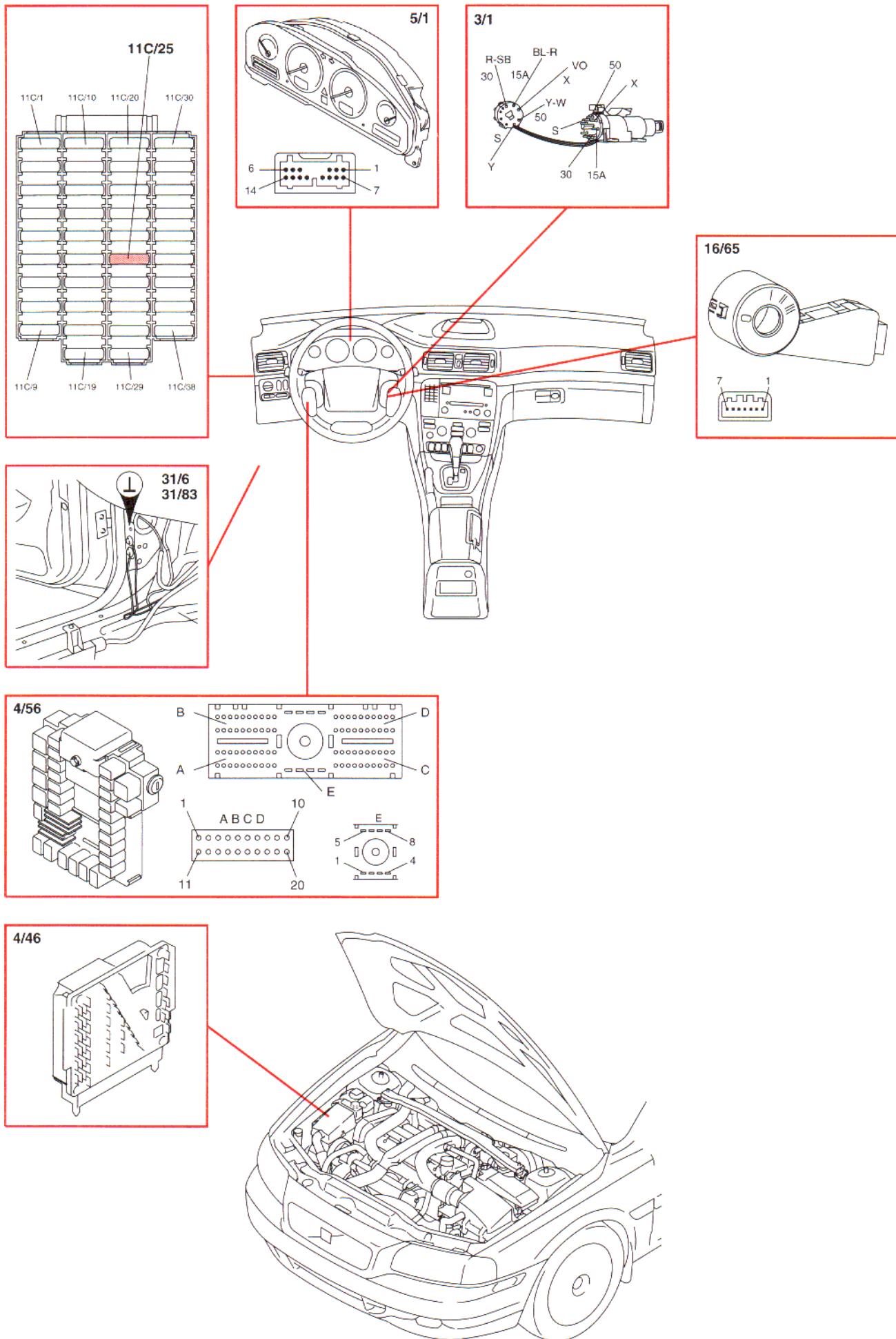


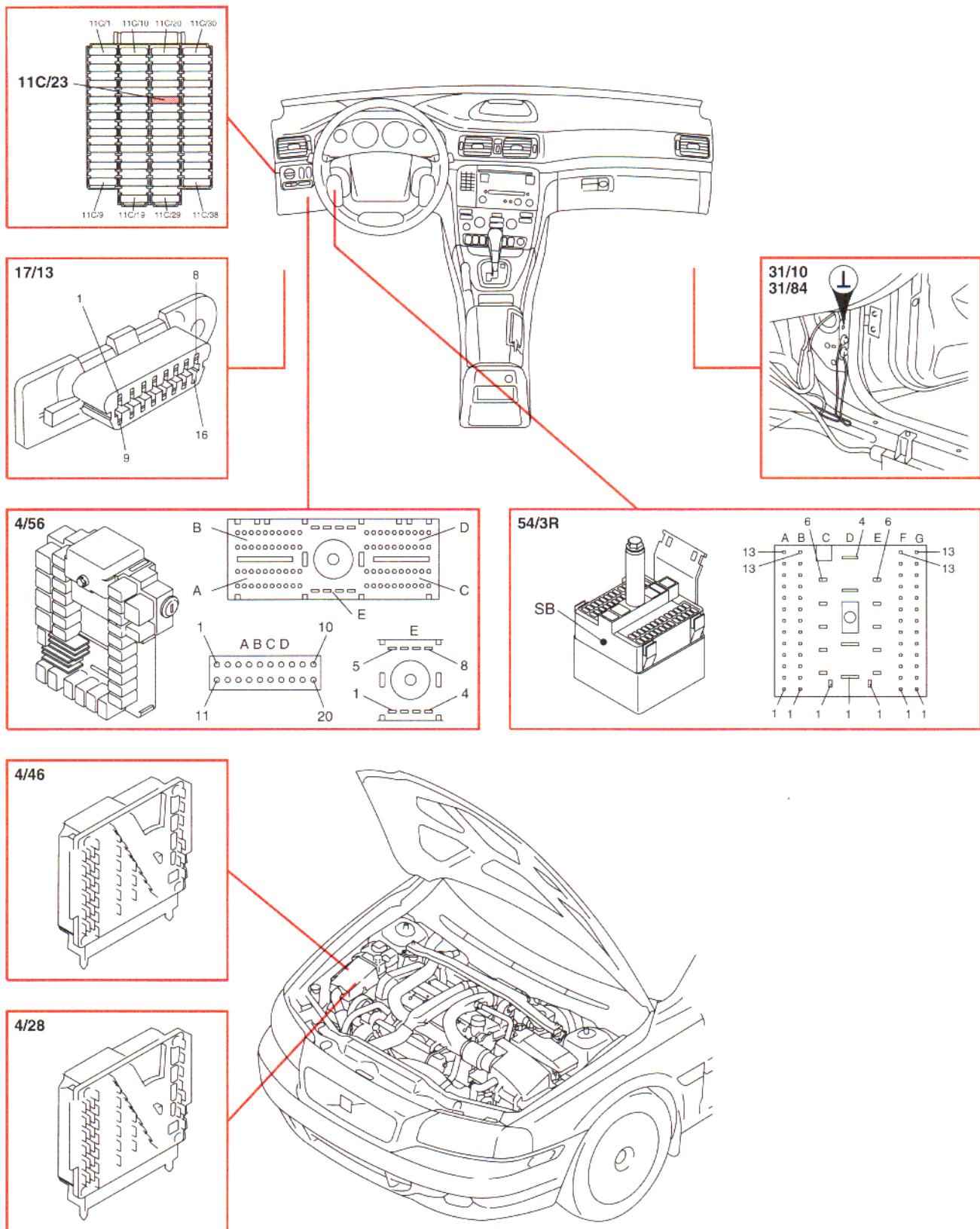
Cigarette lighter



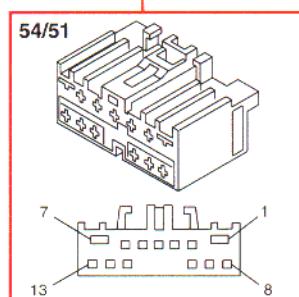
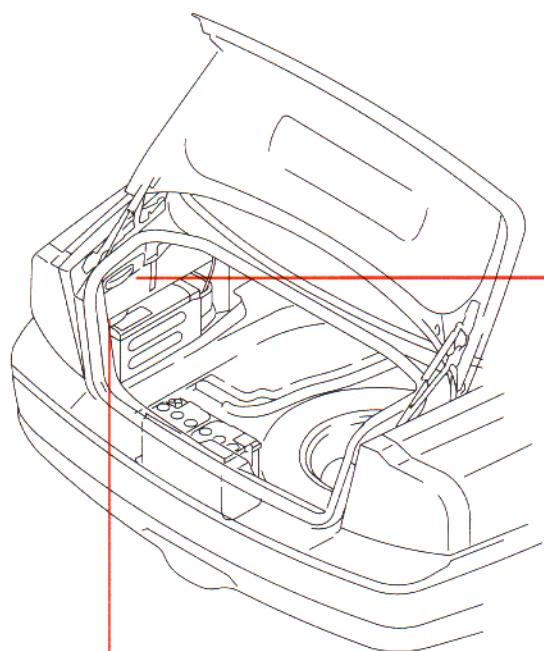
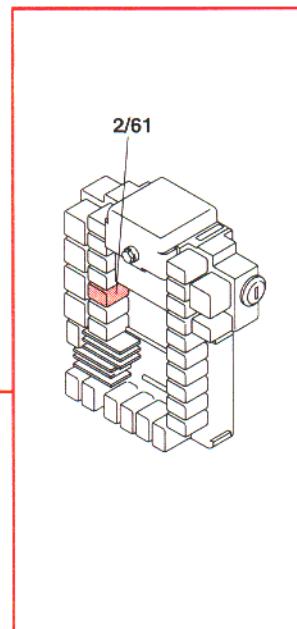
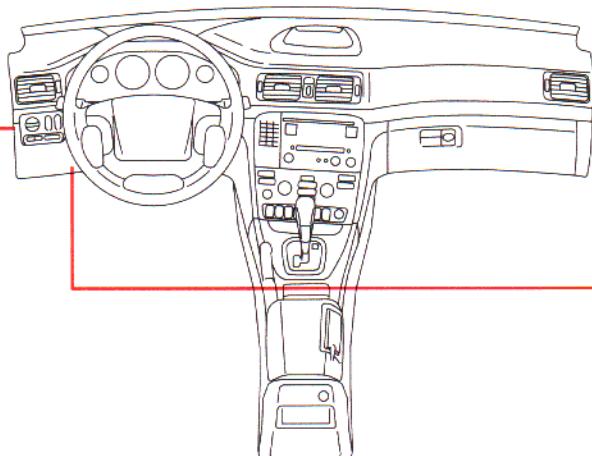
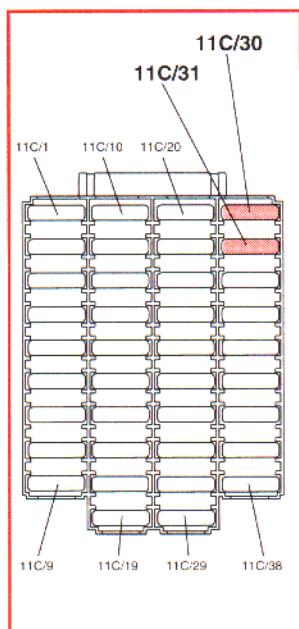
Anti-theft alarm



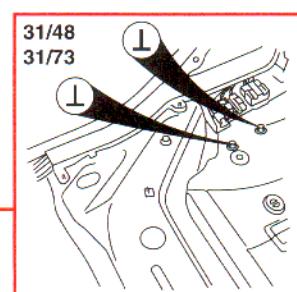
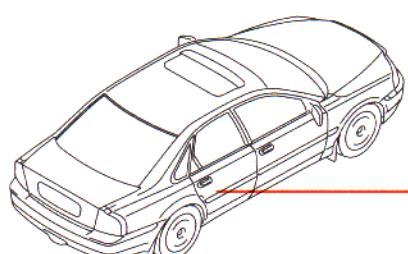
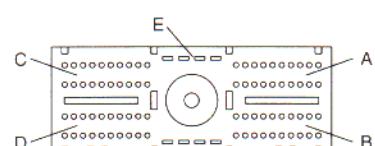
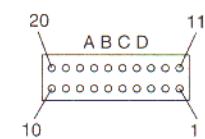
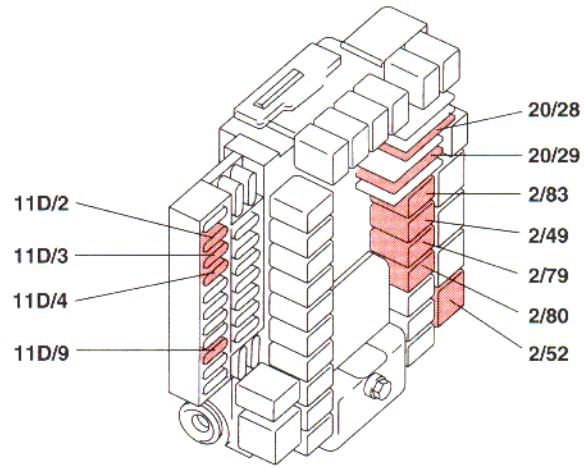




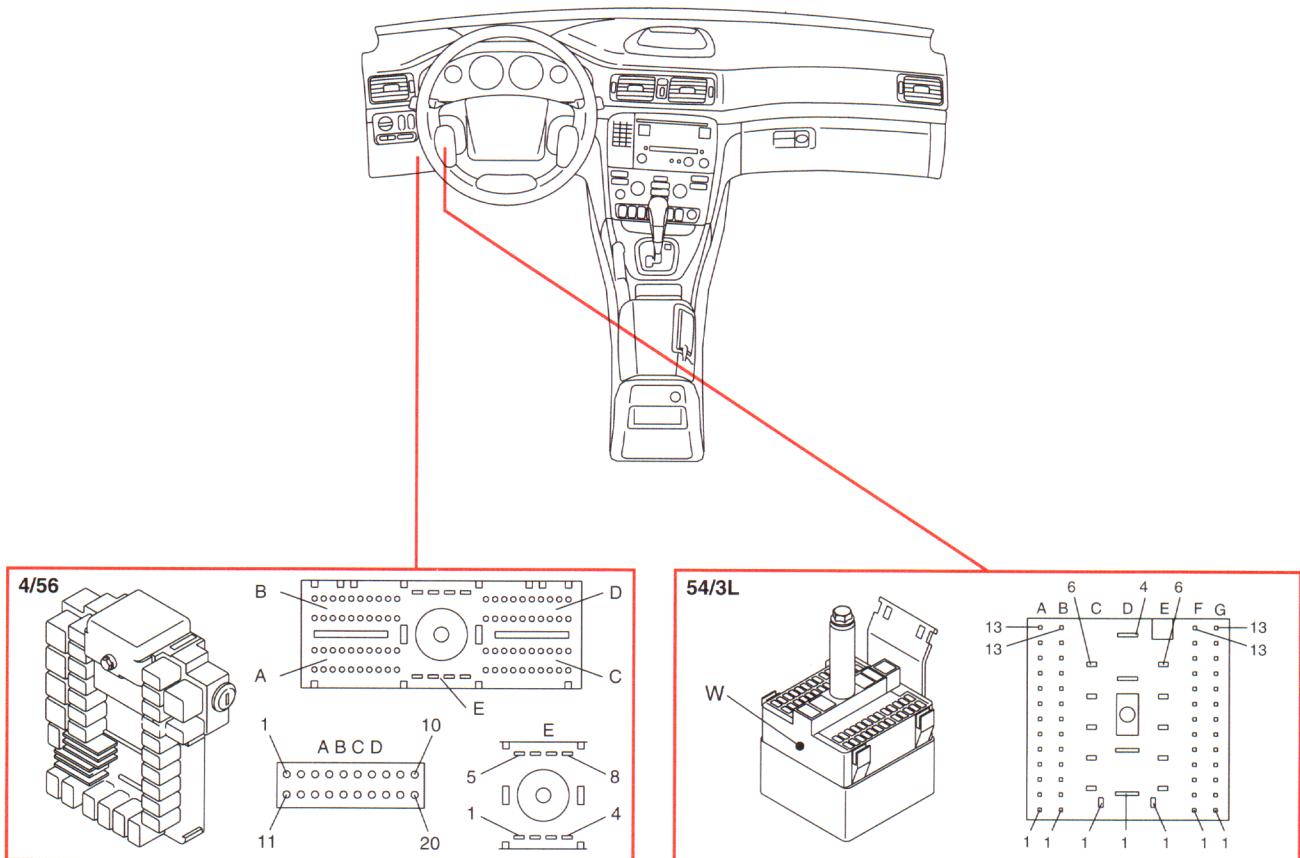
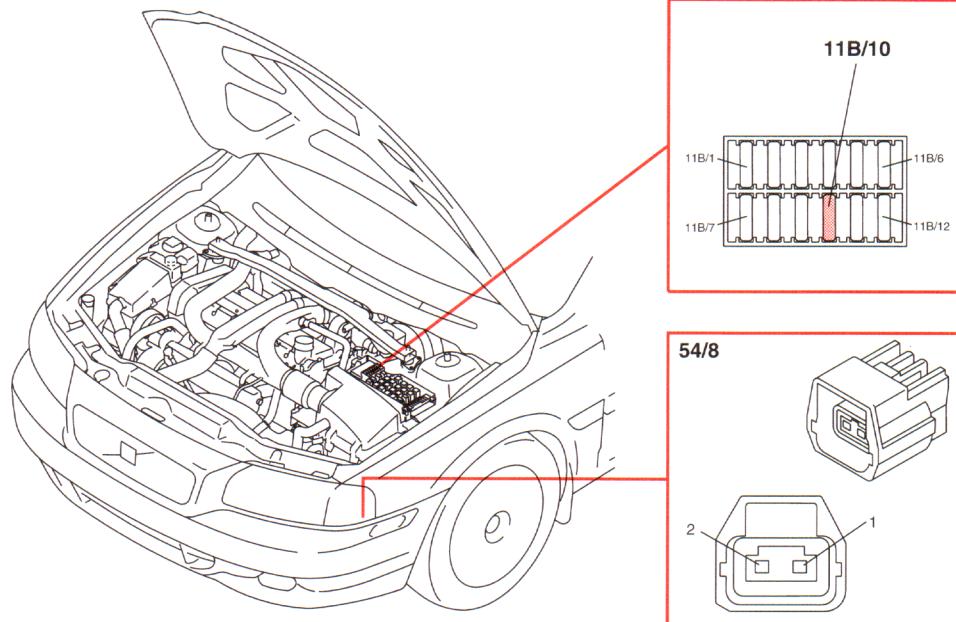
Tow hitch wiring



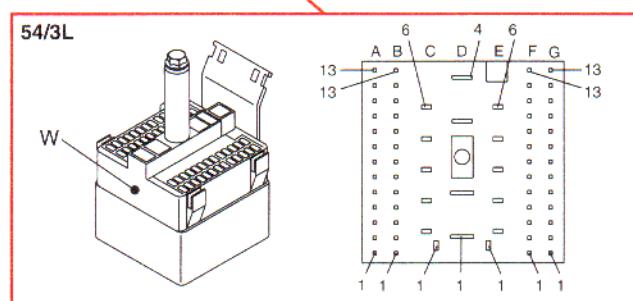
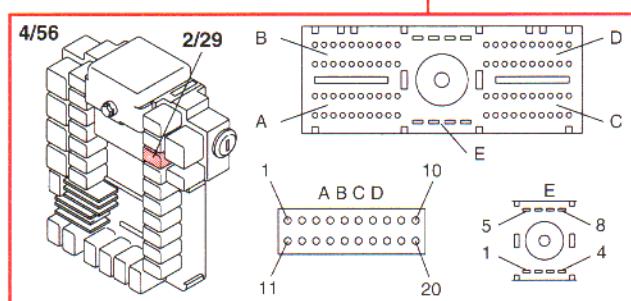
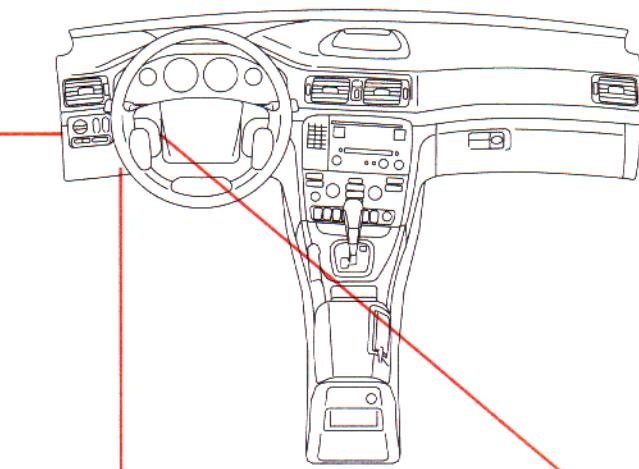
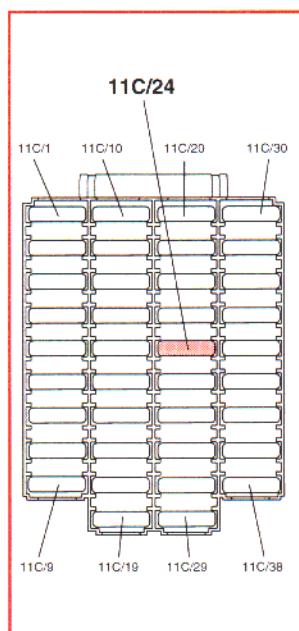
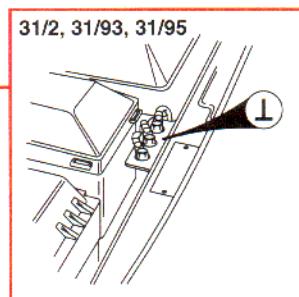
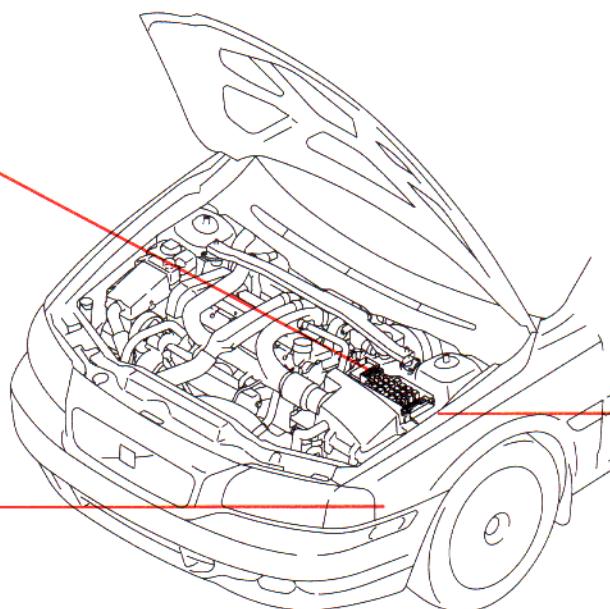
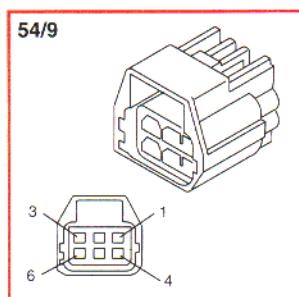
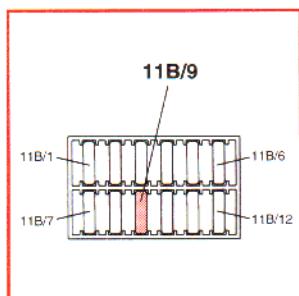
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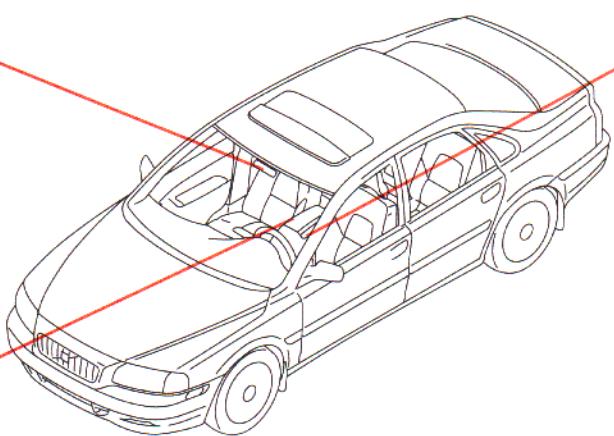
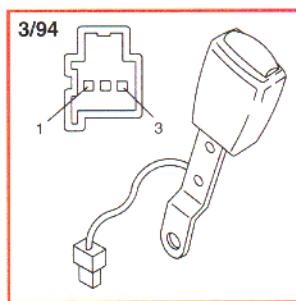
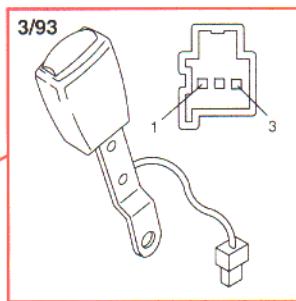
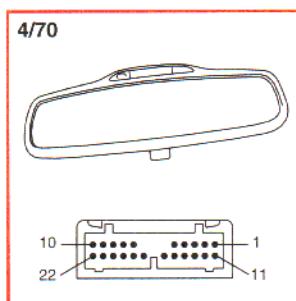
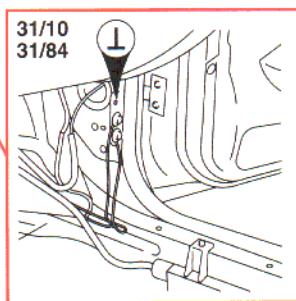
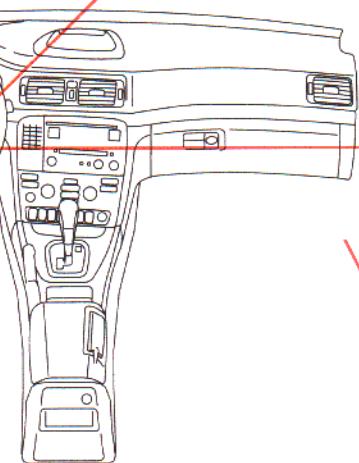
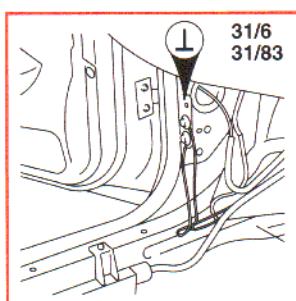
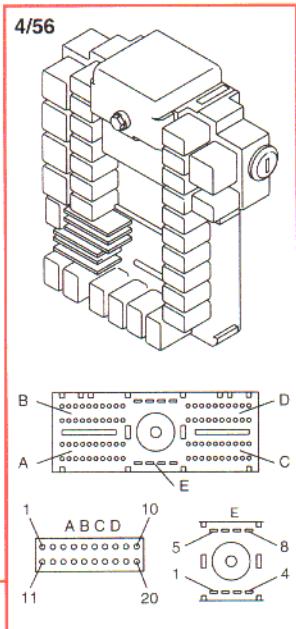
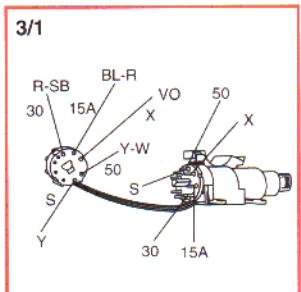
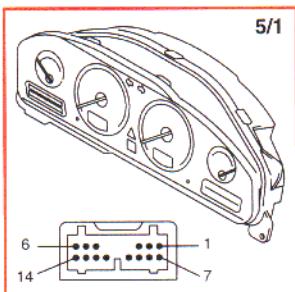
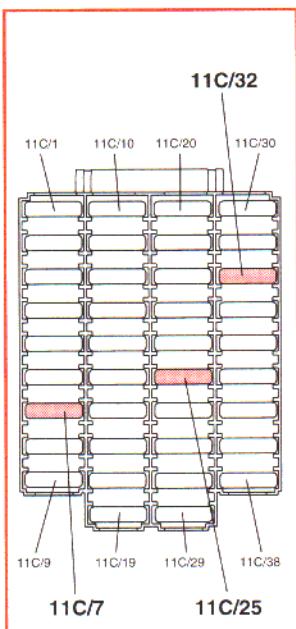
Auxiliary lamp wiring



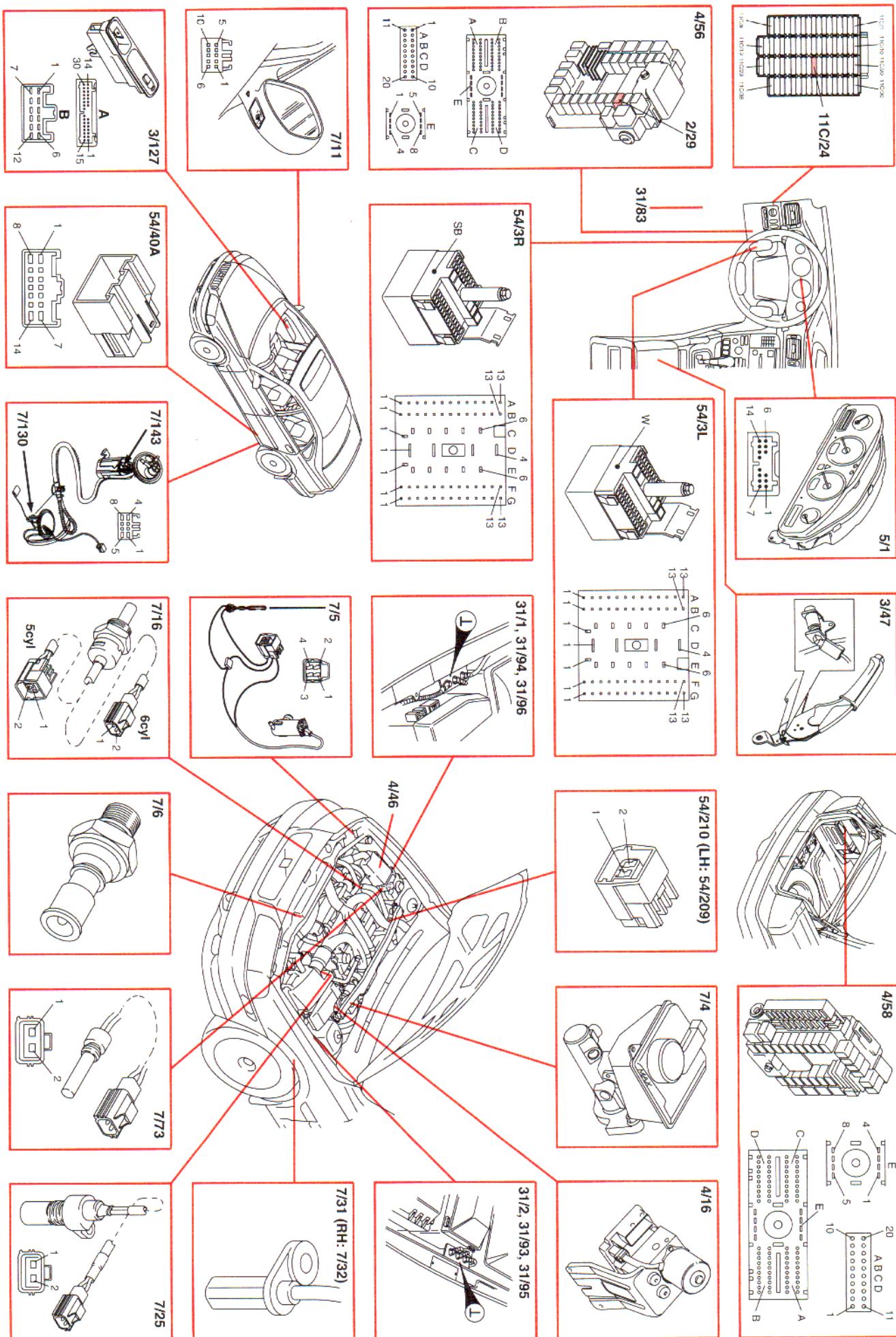
Parking heater



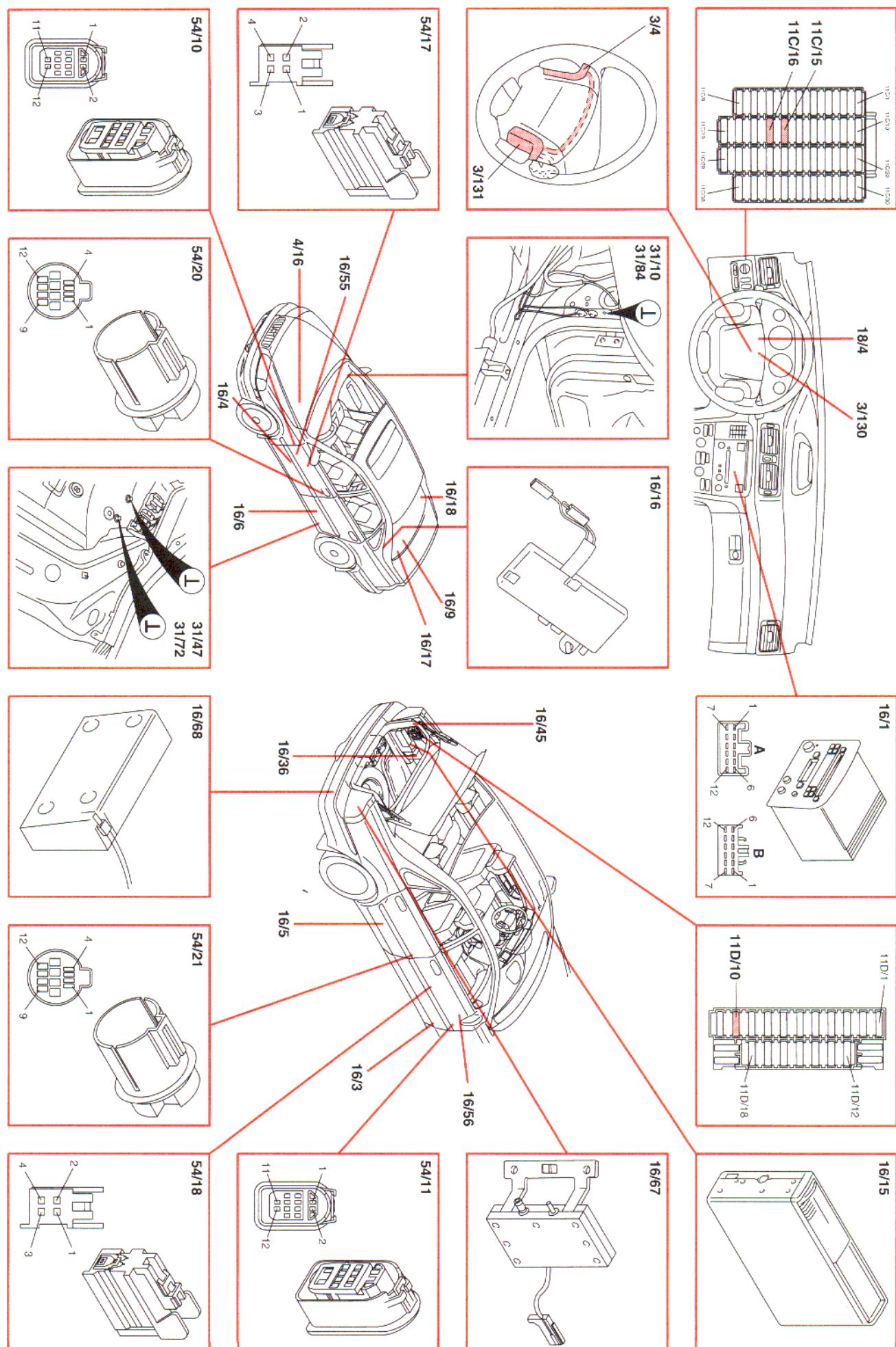
Seat belt reminder



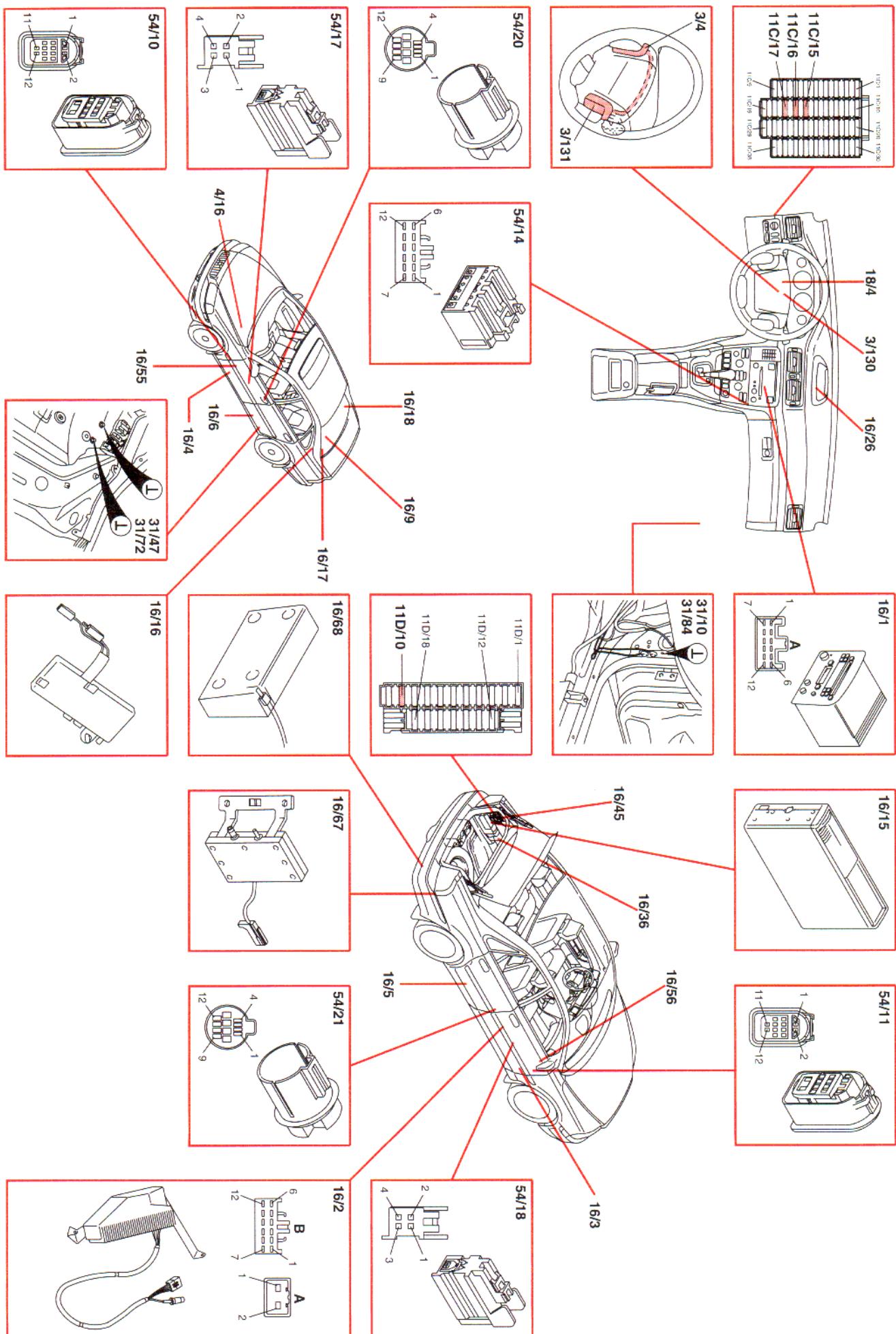
Combined instrument panel

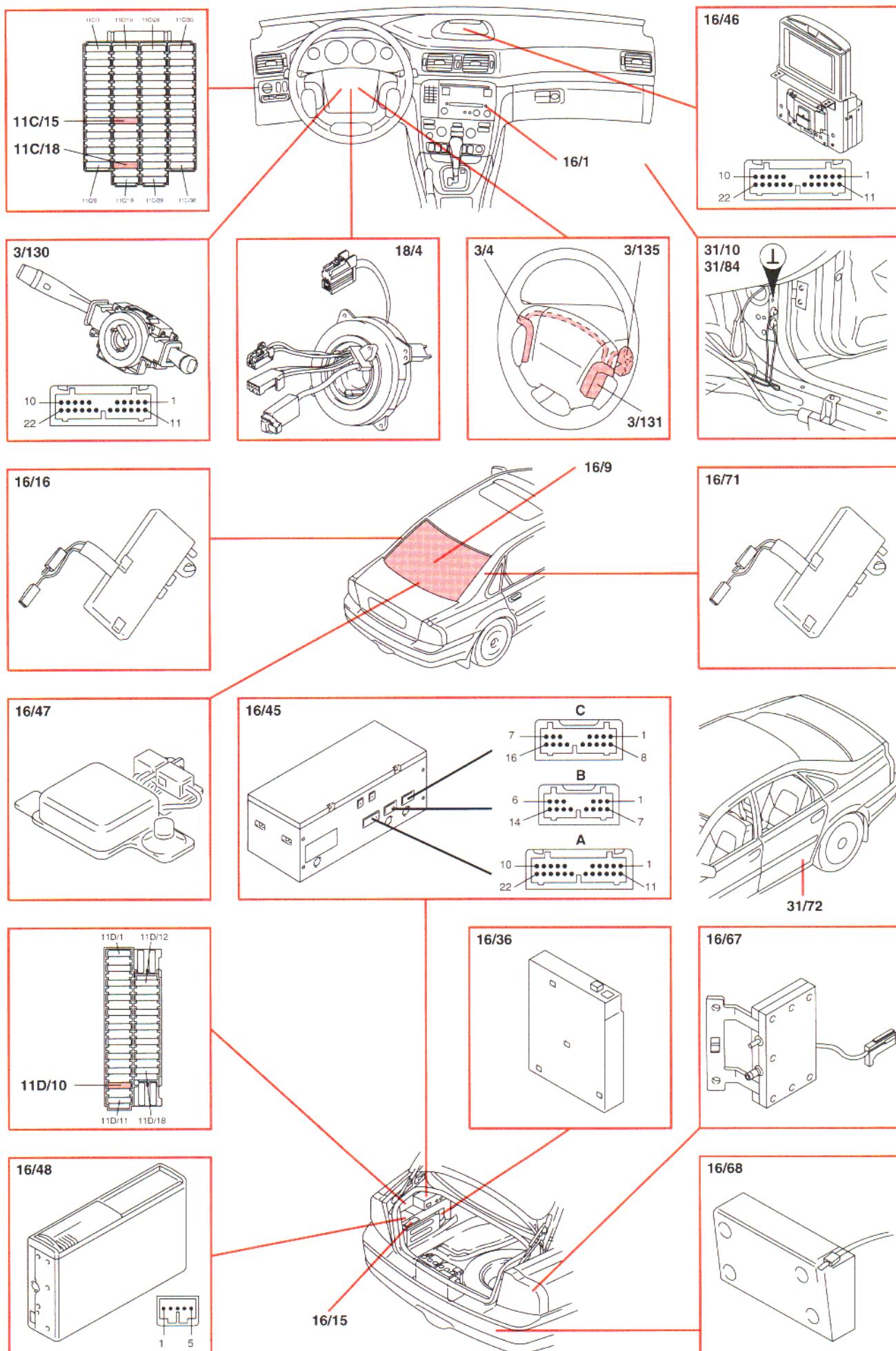


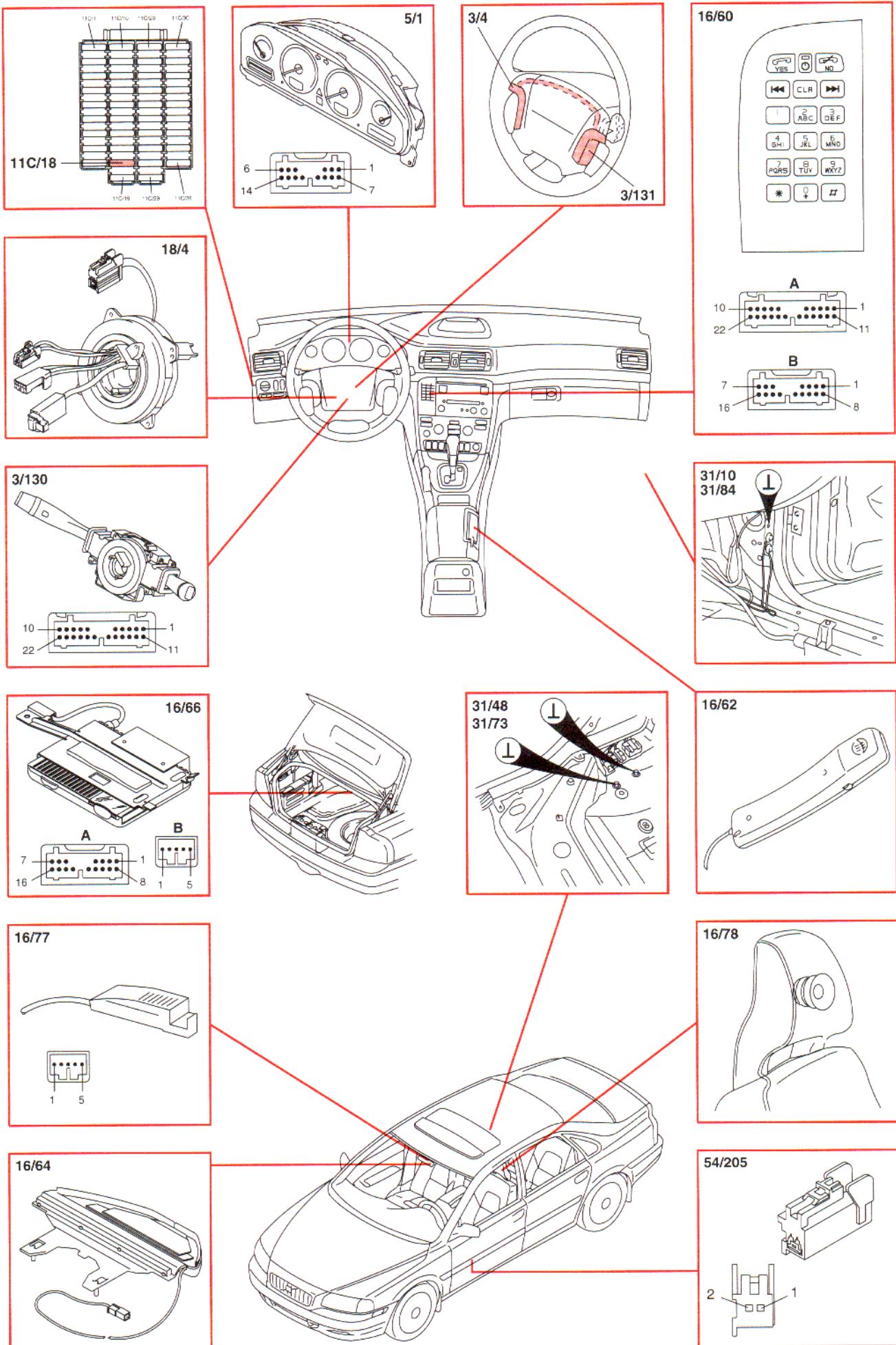
Radio Without extra amplifier



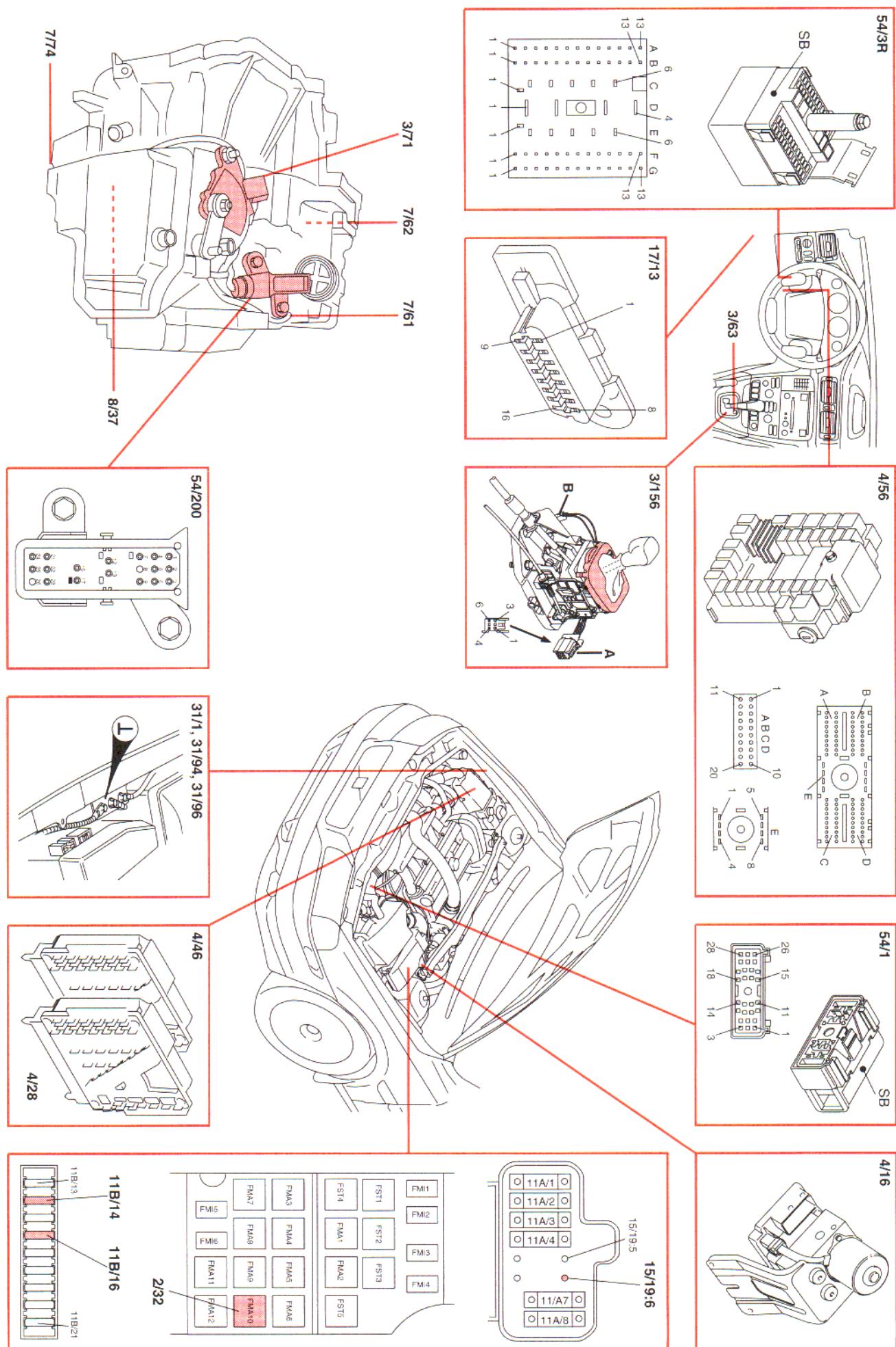
Radio Without extra amplifier



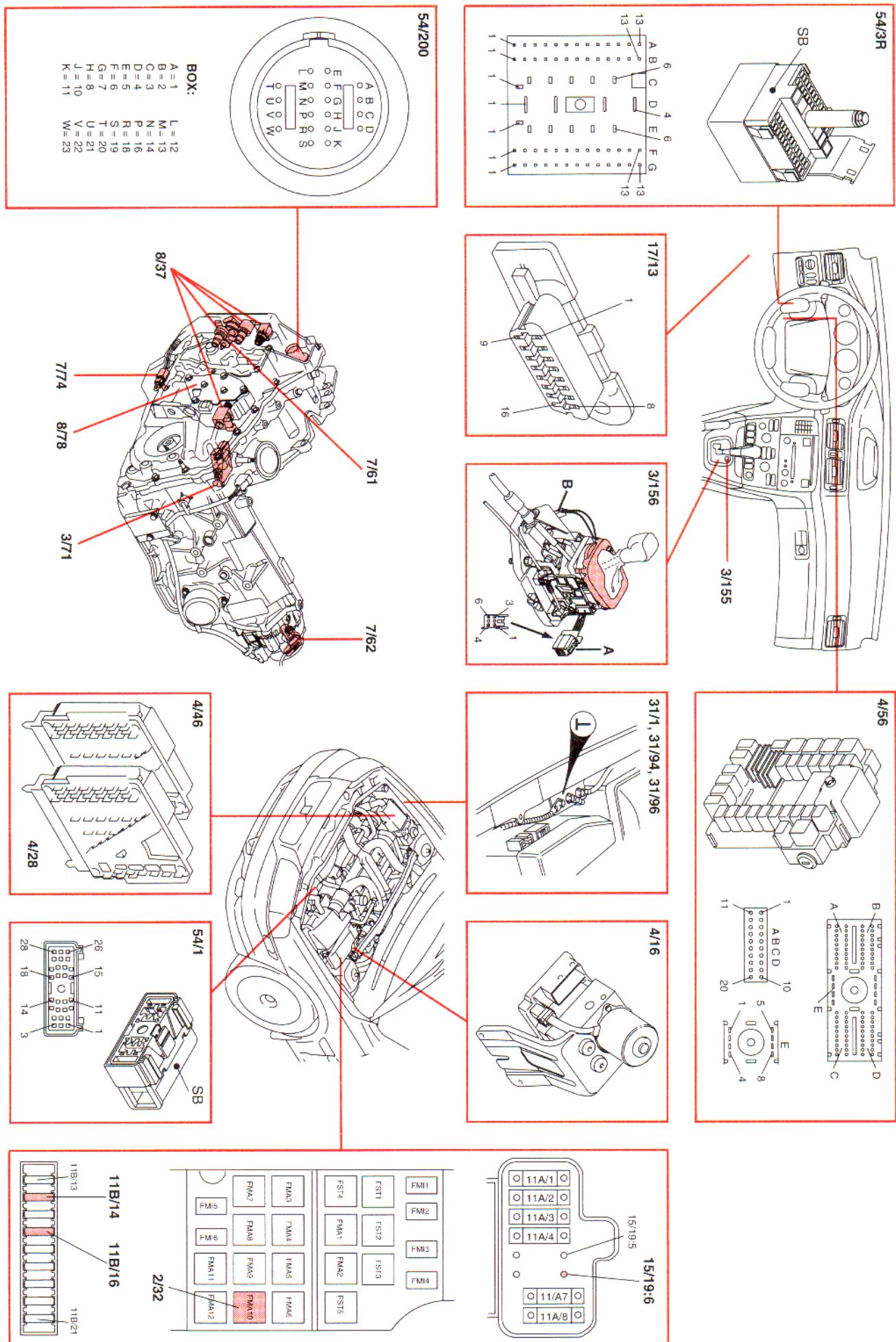


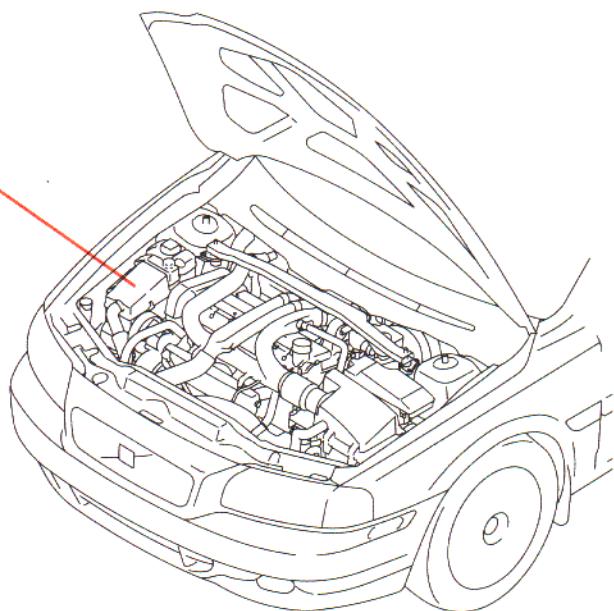
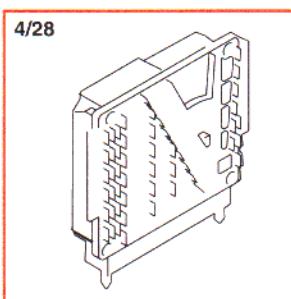
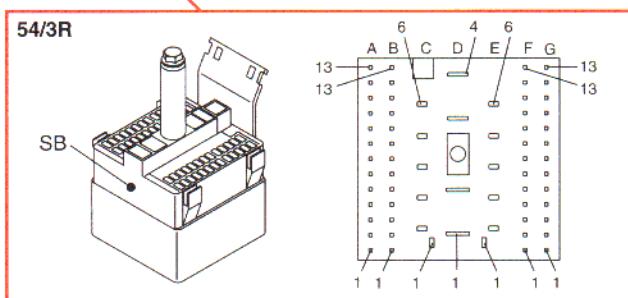
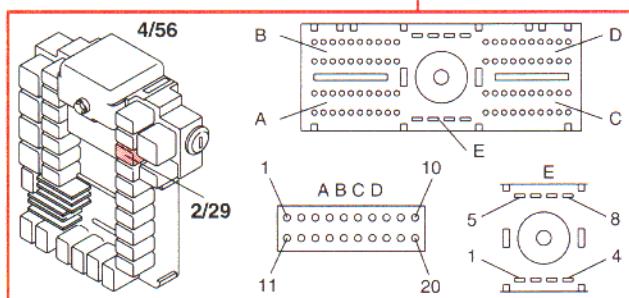
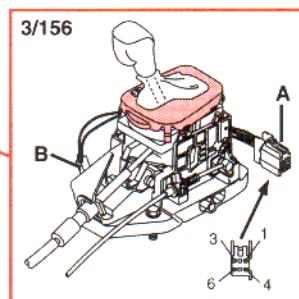
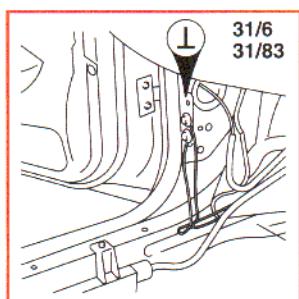
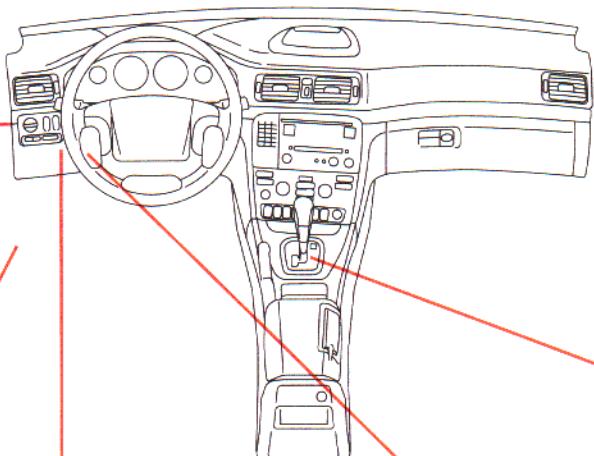
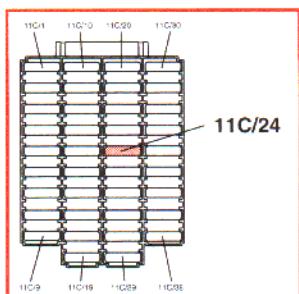


Automatic transmission AW42

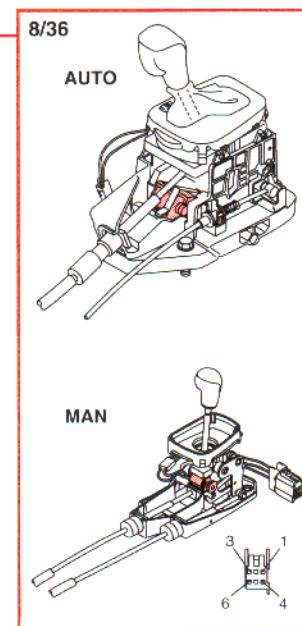
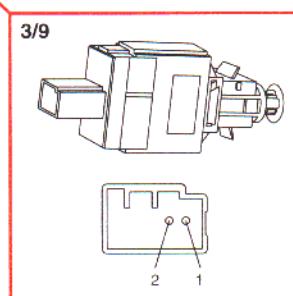
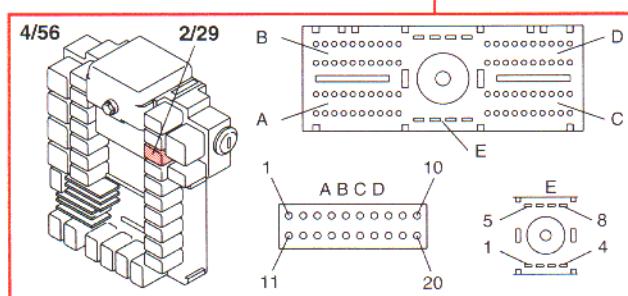
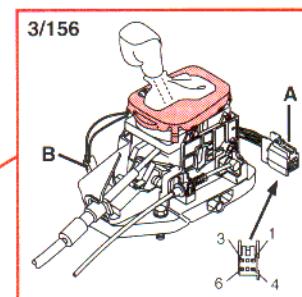
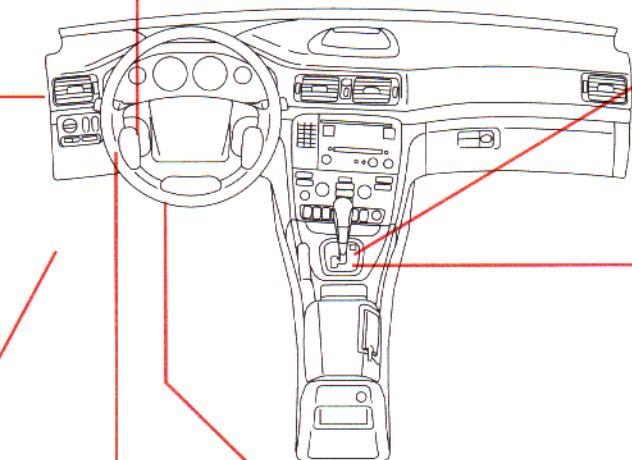
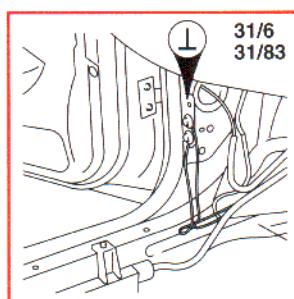
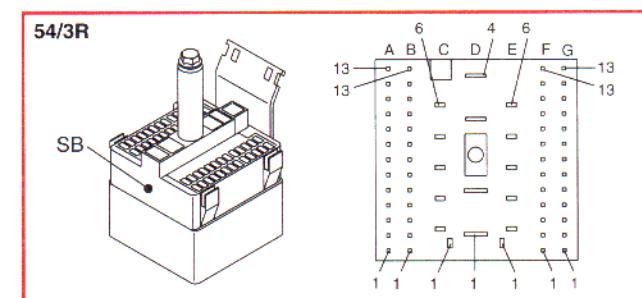
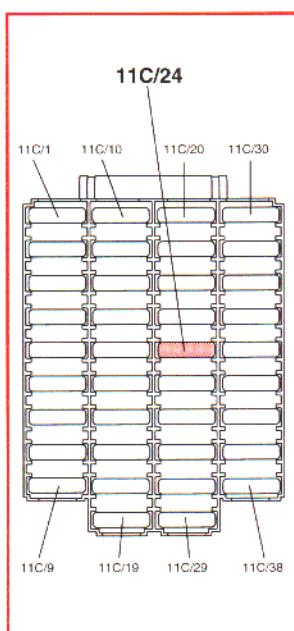
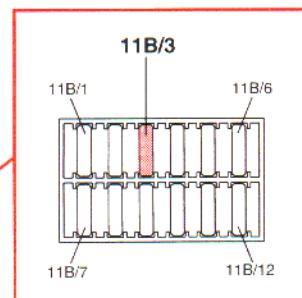
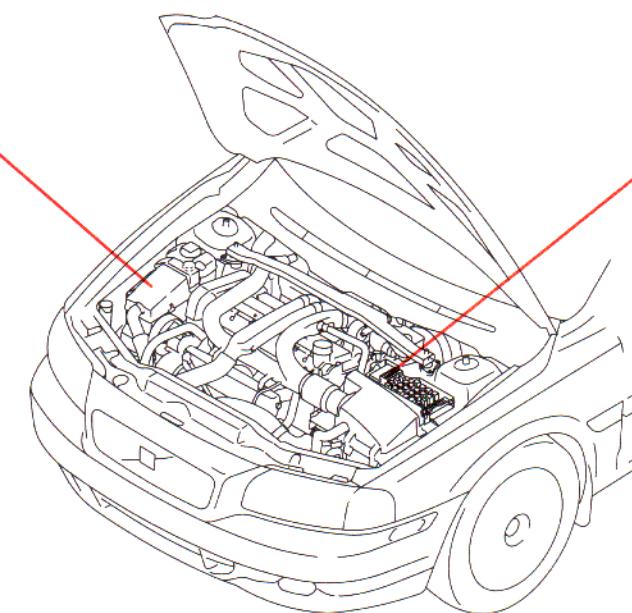
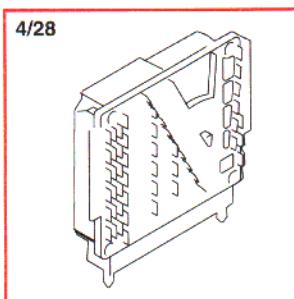


Automatic transmission 4T65EV

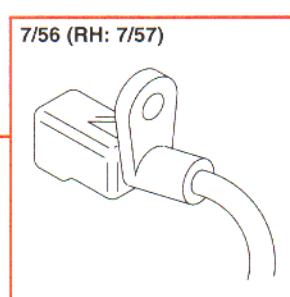
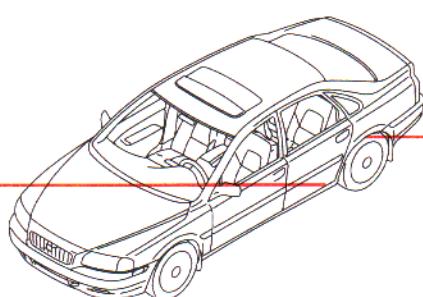
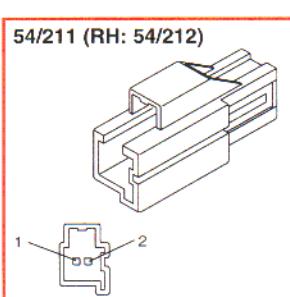
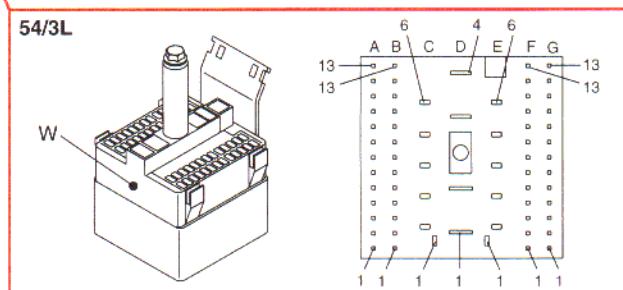
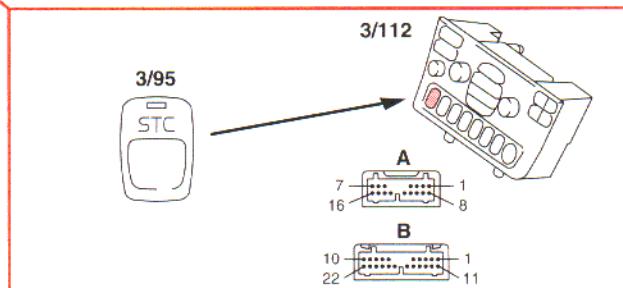
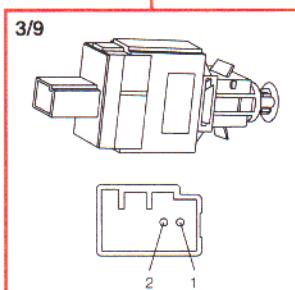
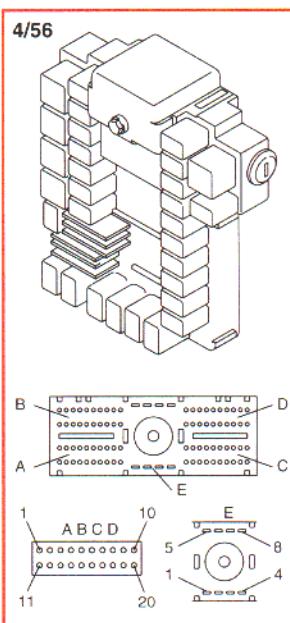
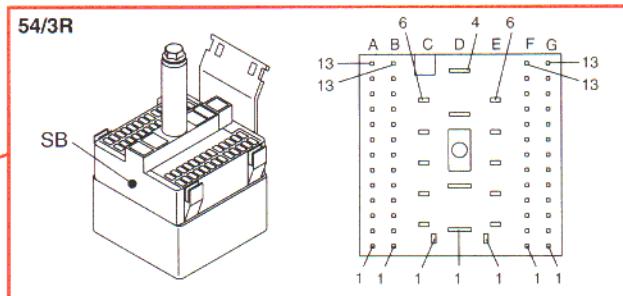
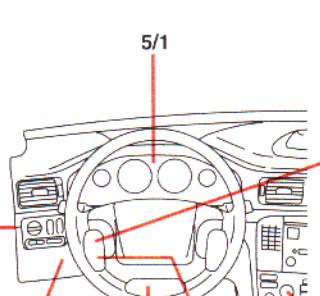
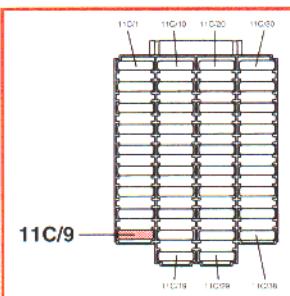
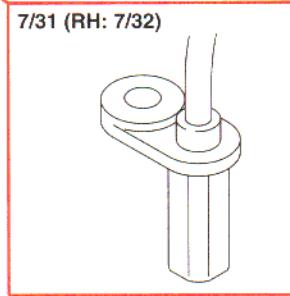
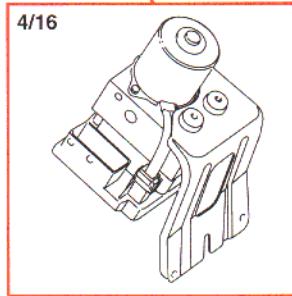
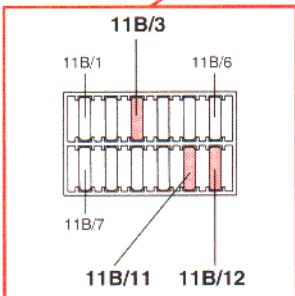
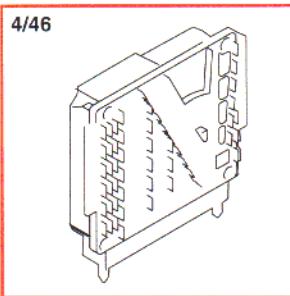
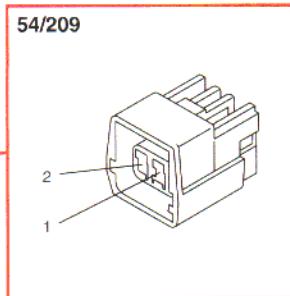
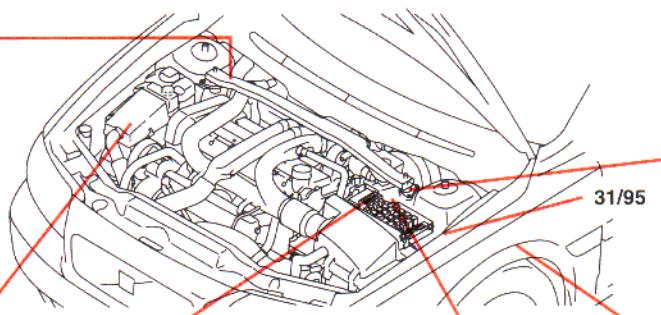
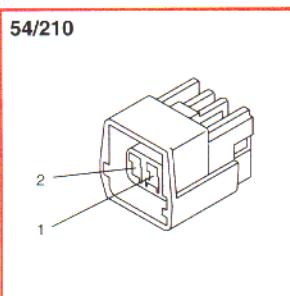




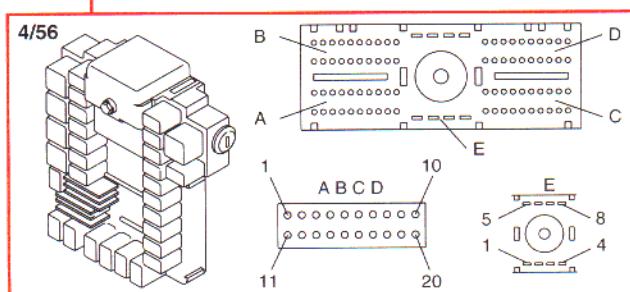
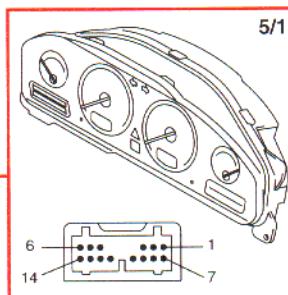
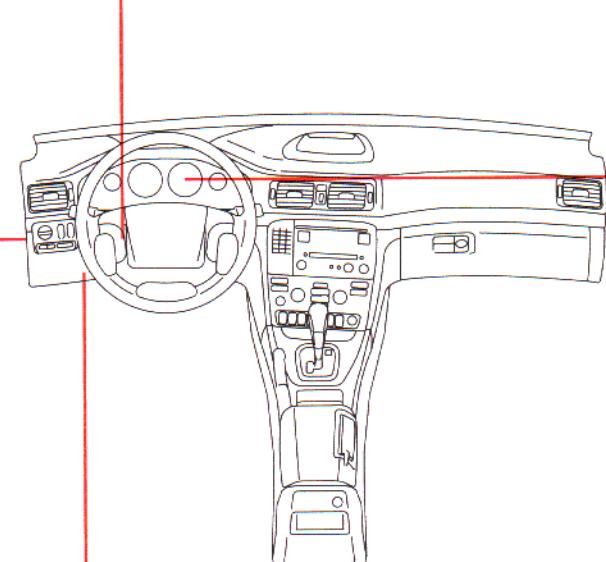
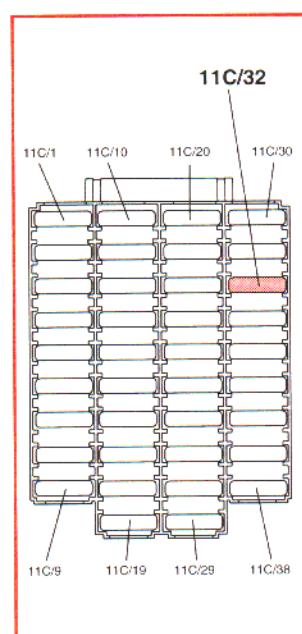
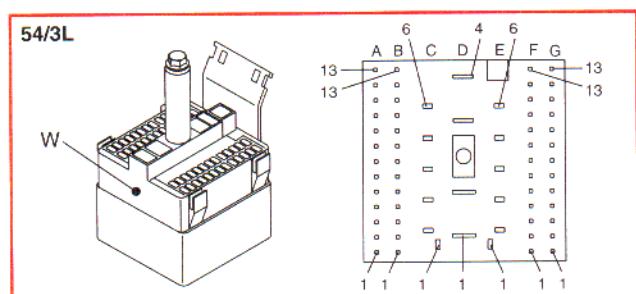
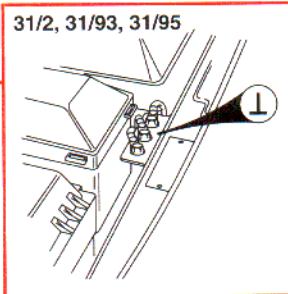
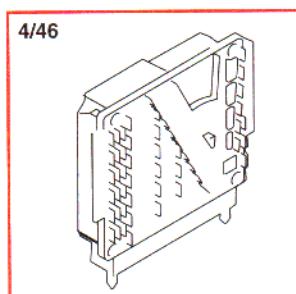
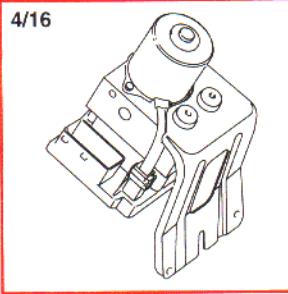
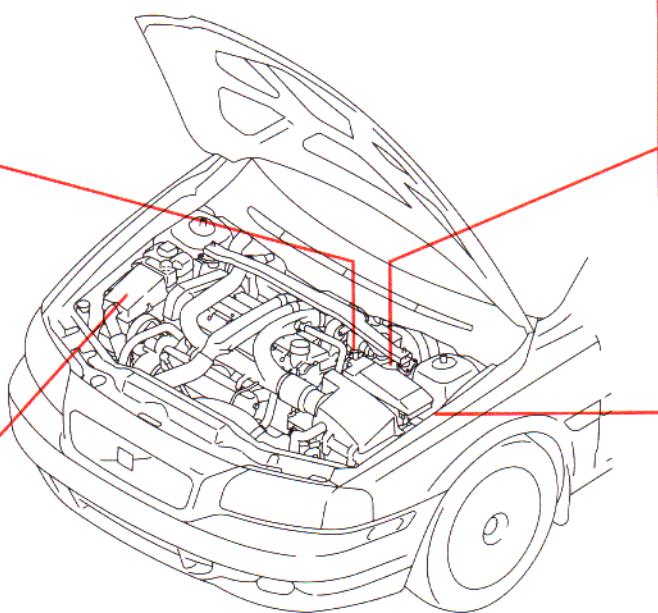
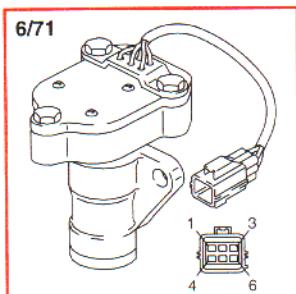
Shift lock



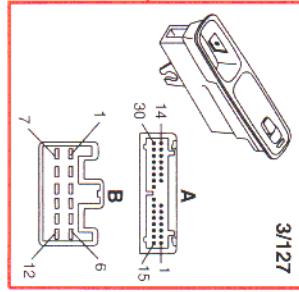
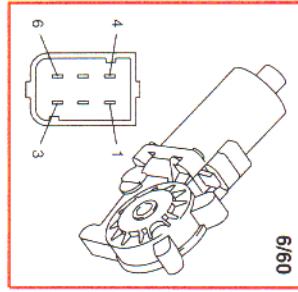
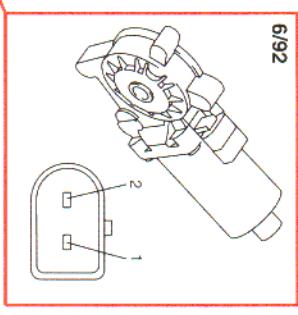
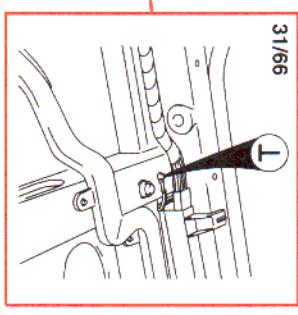
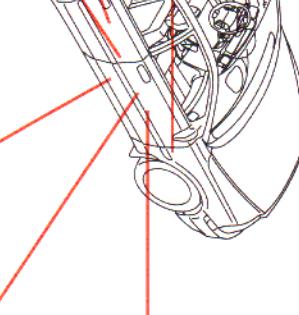
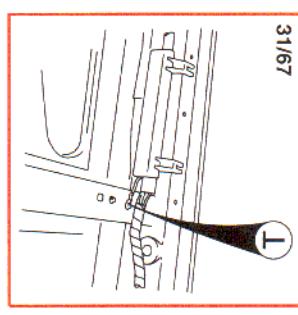
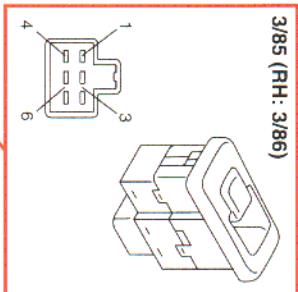
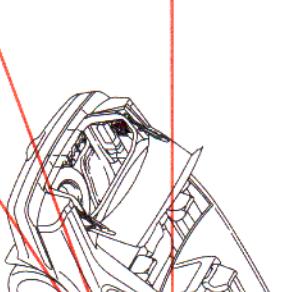
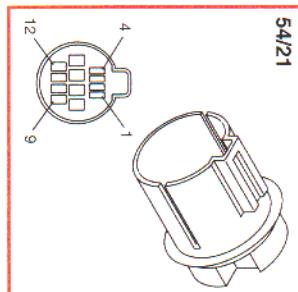
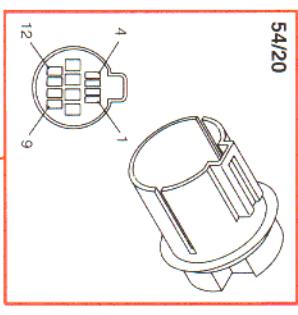
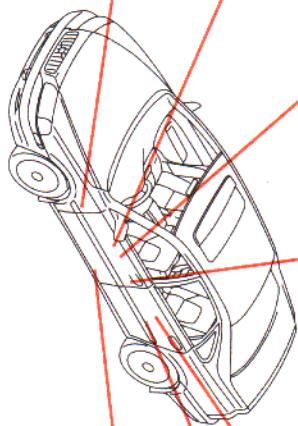
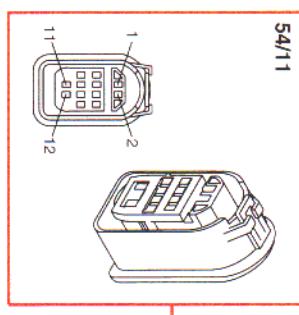
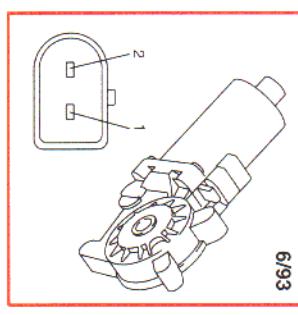
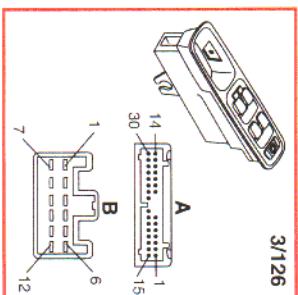
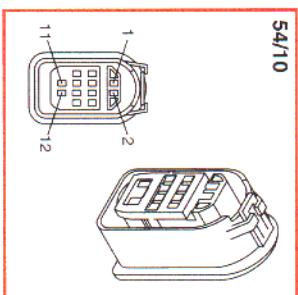
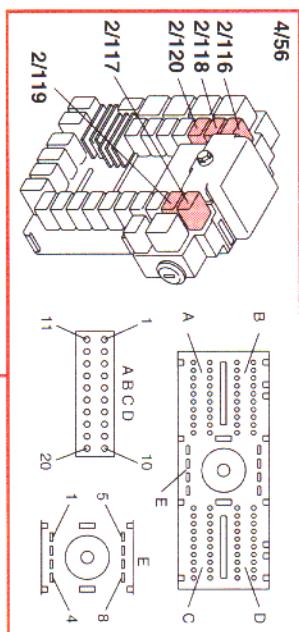
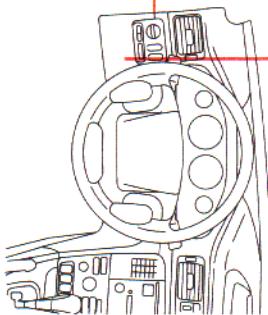
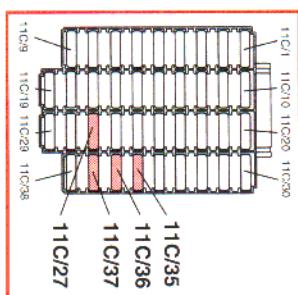
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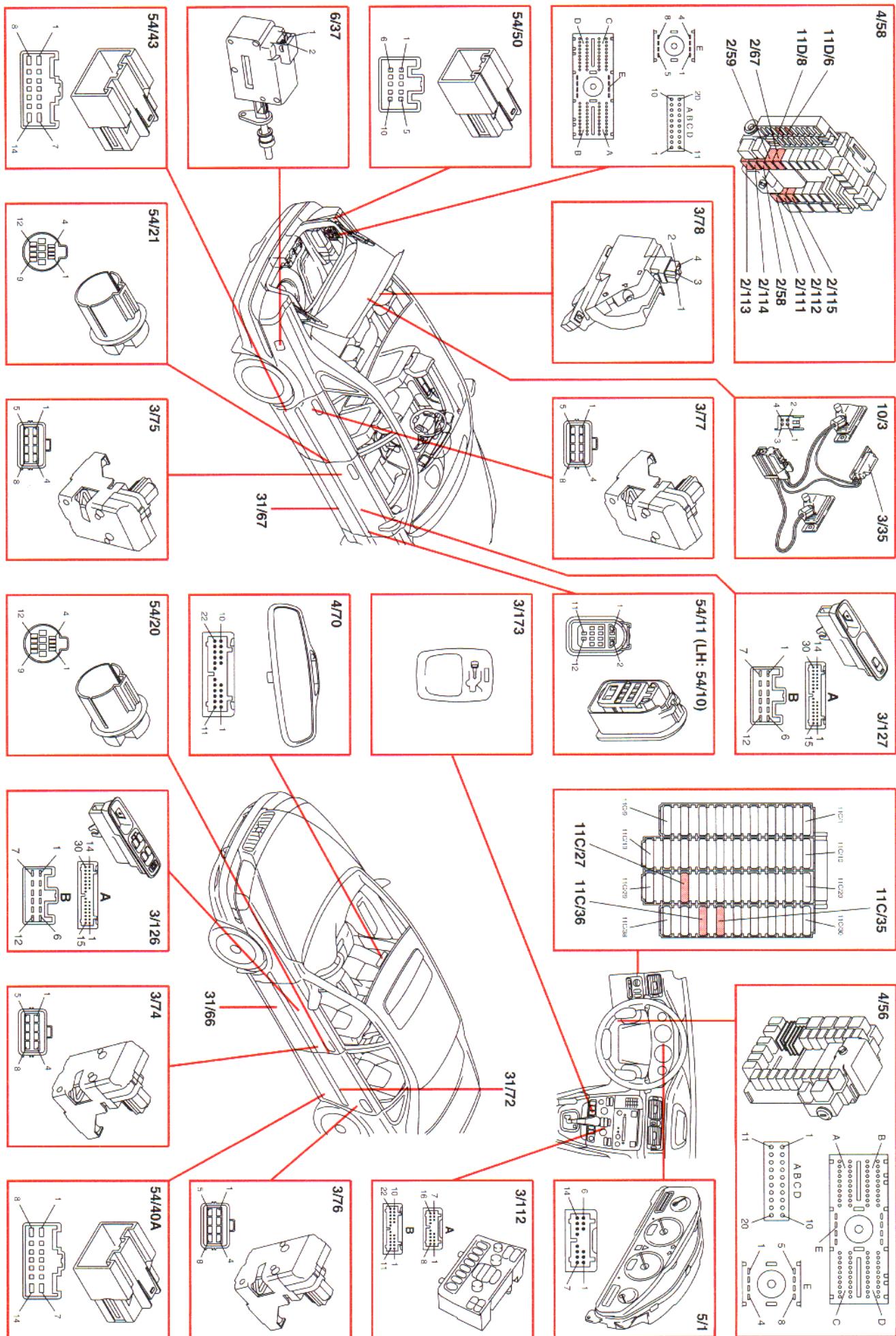
Electronic power steering

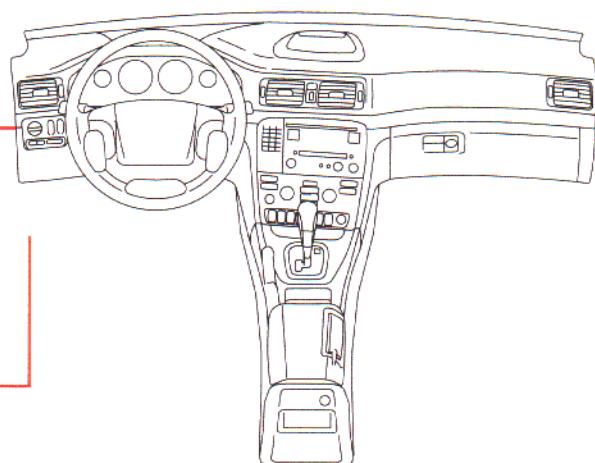
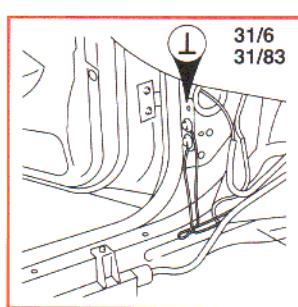
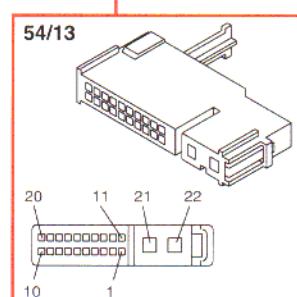
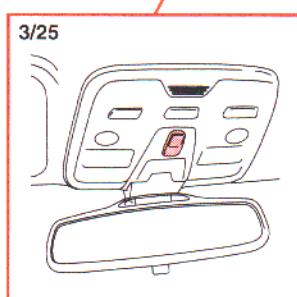
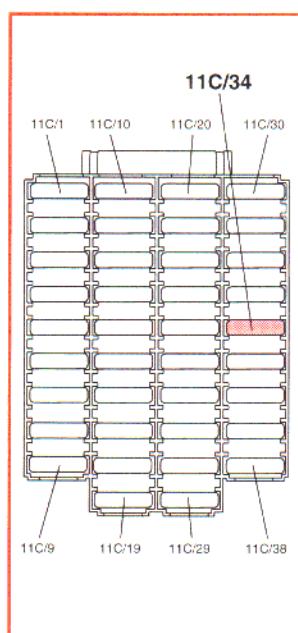
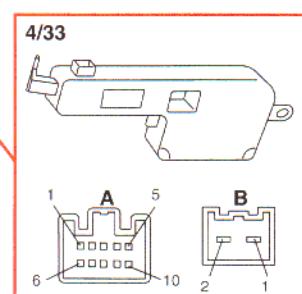
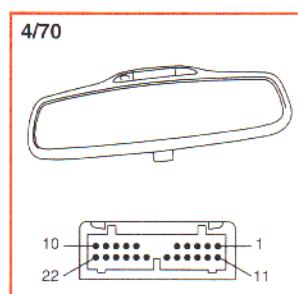
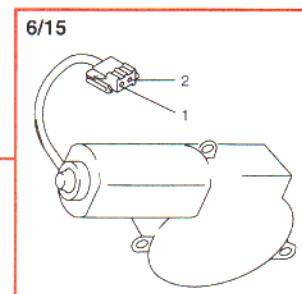
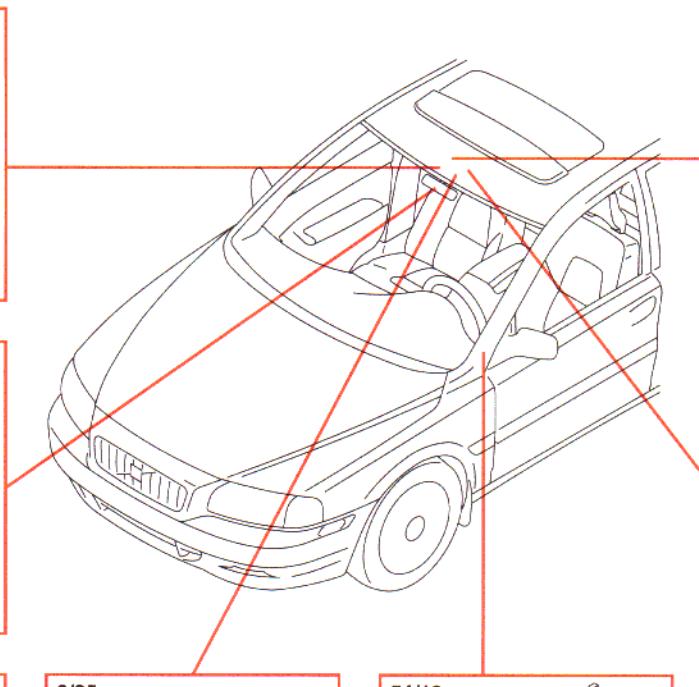
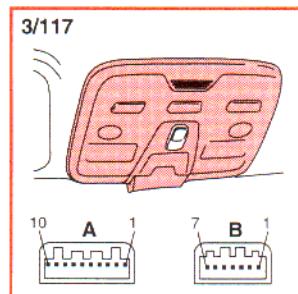


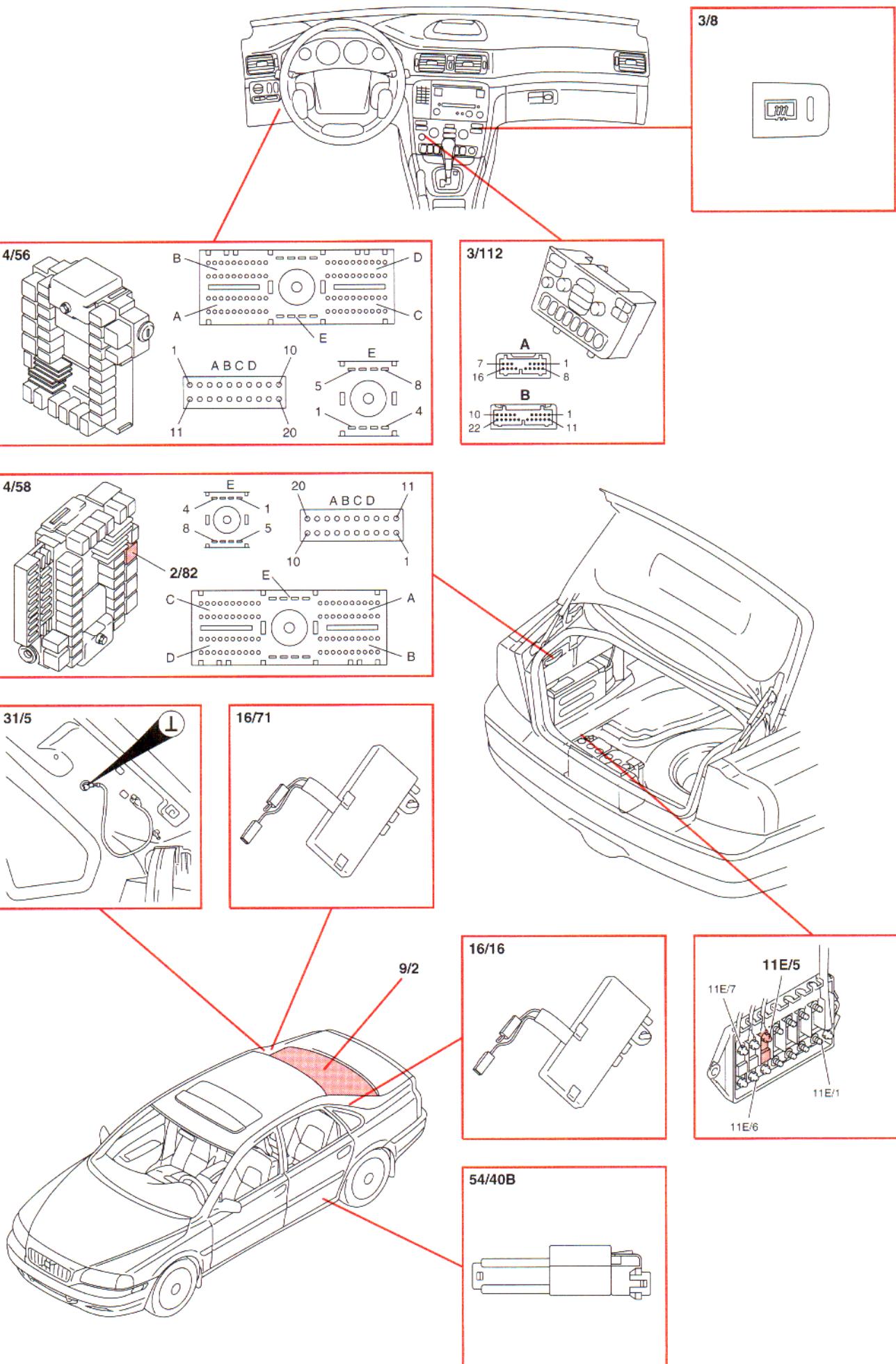
Power windows



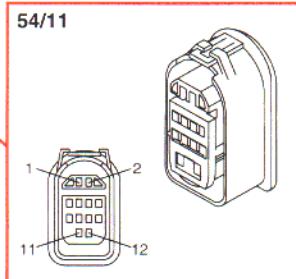
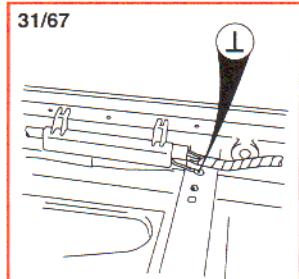
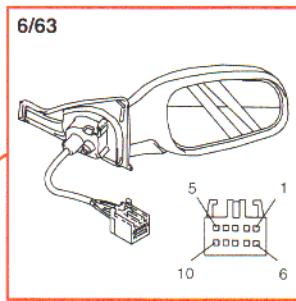
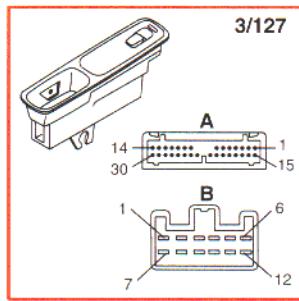
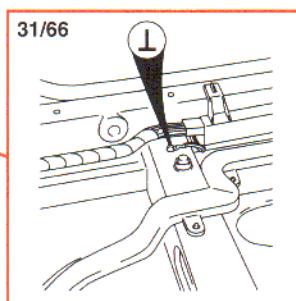
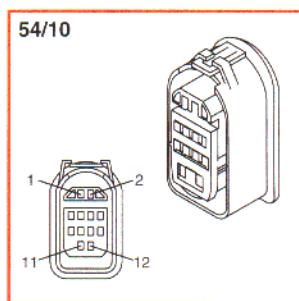
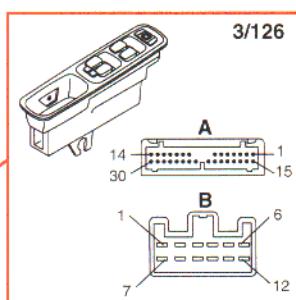
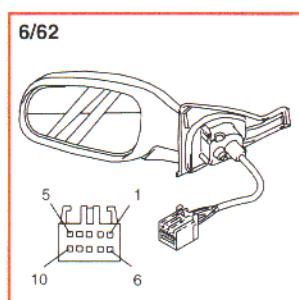
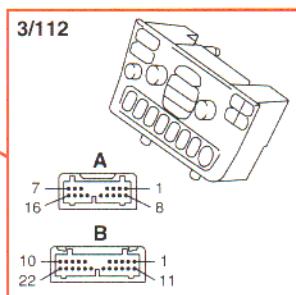
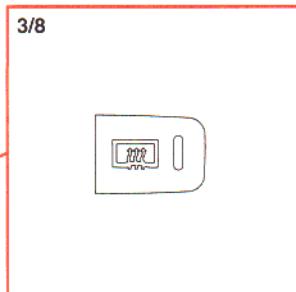
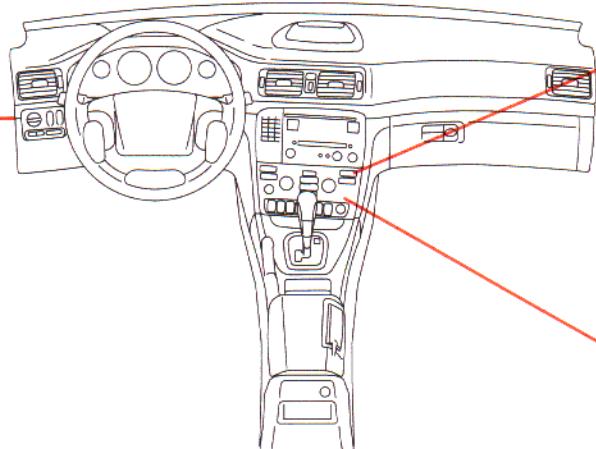
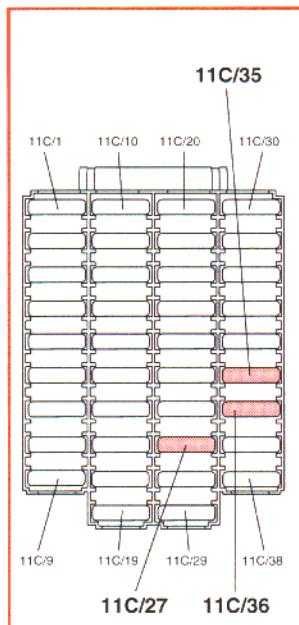
Central locking



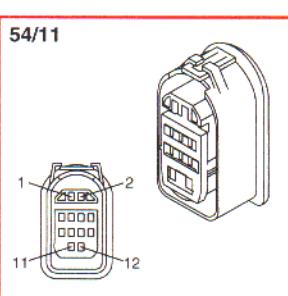
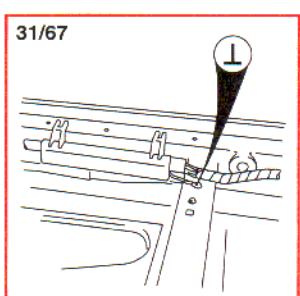
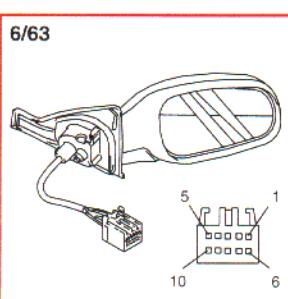
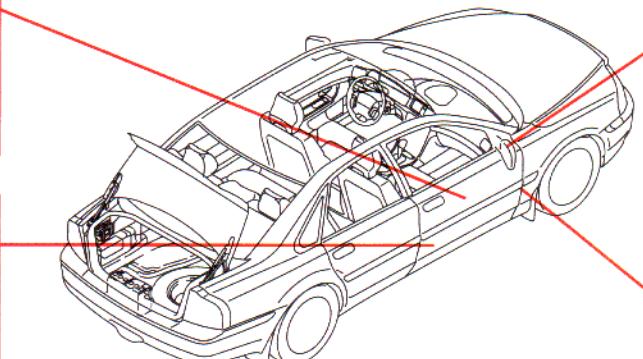
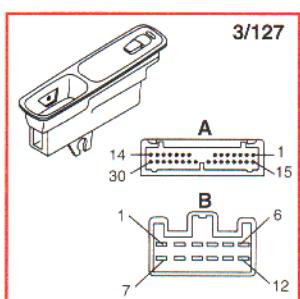
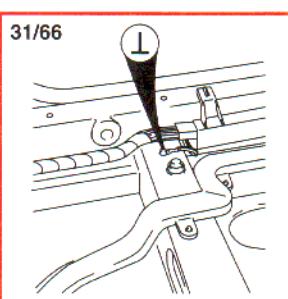
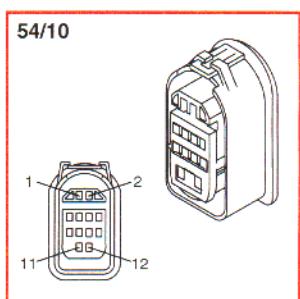
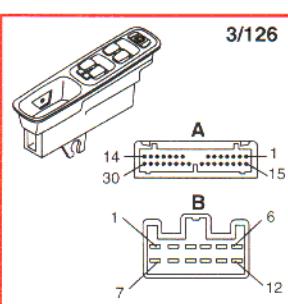
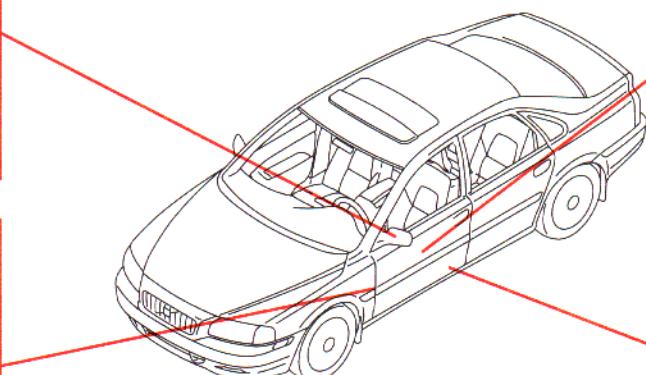
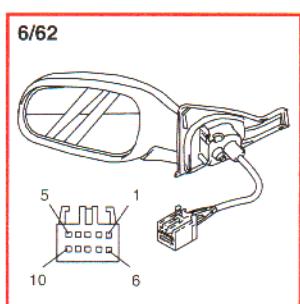
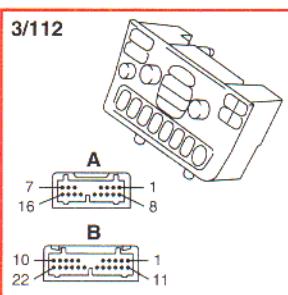
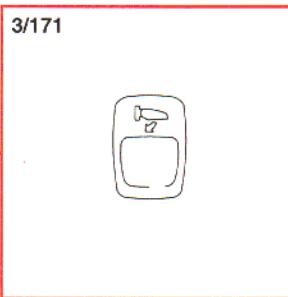
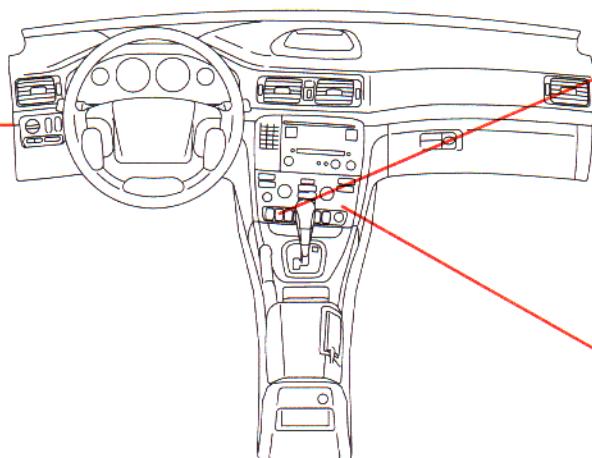
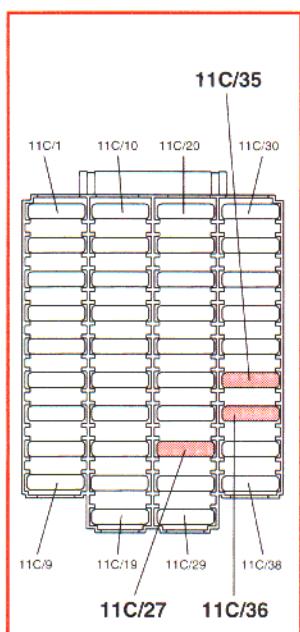




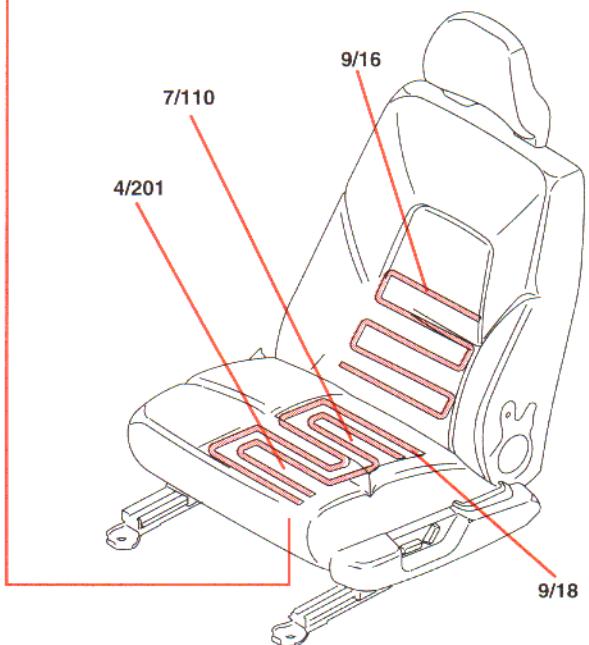
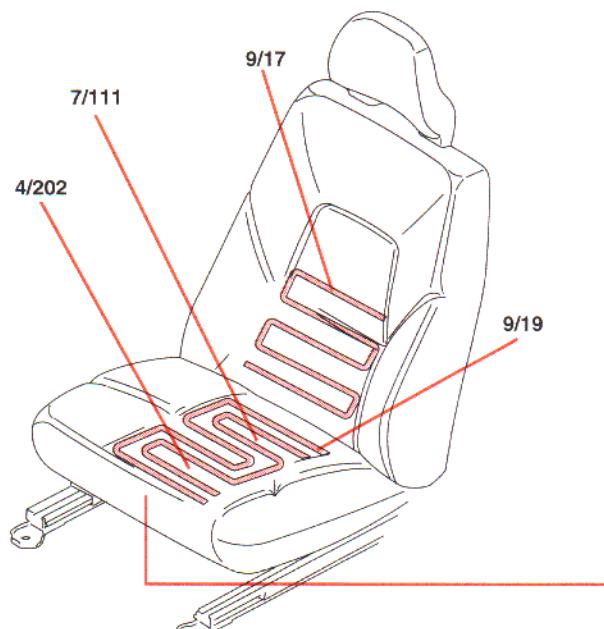
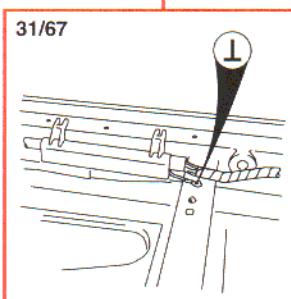
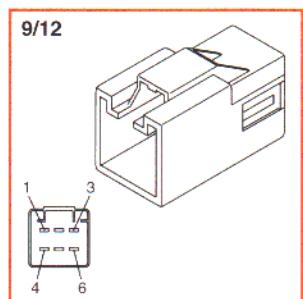
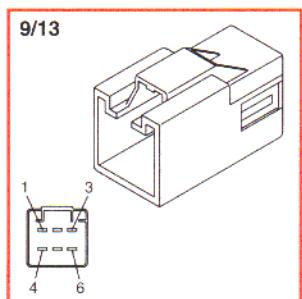
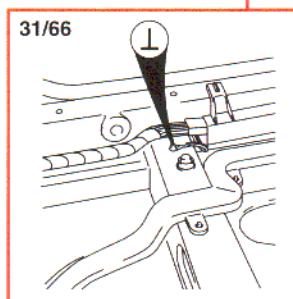
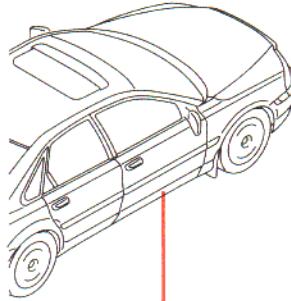
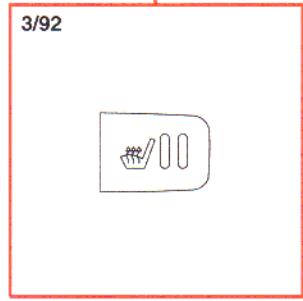
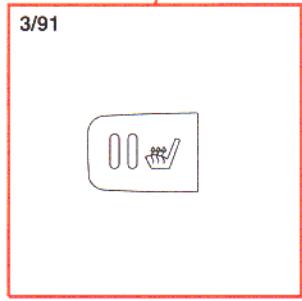
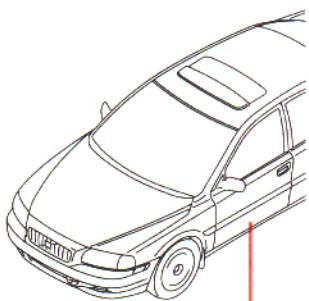
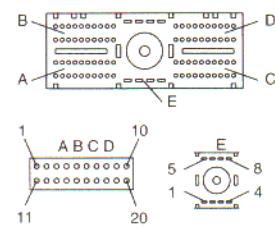
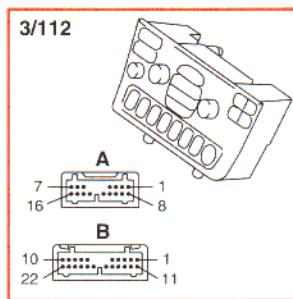
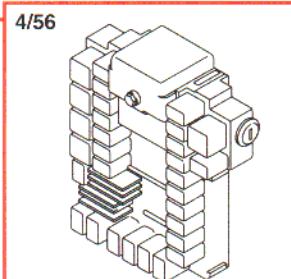
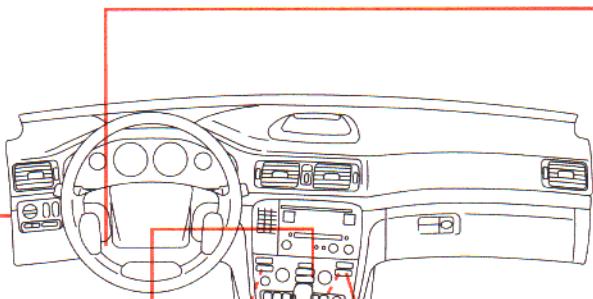
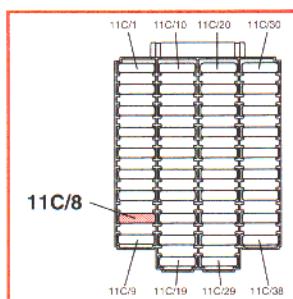
Heated door mirrors



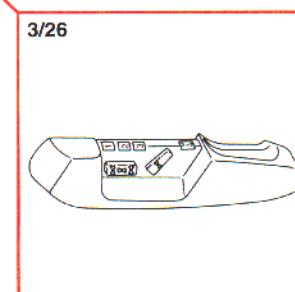
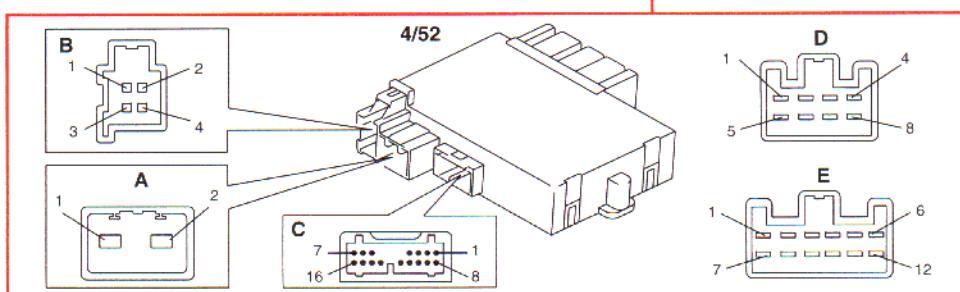
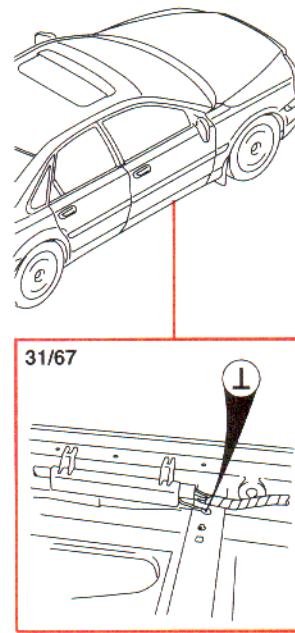
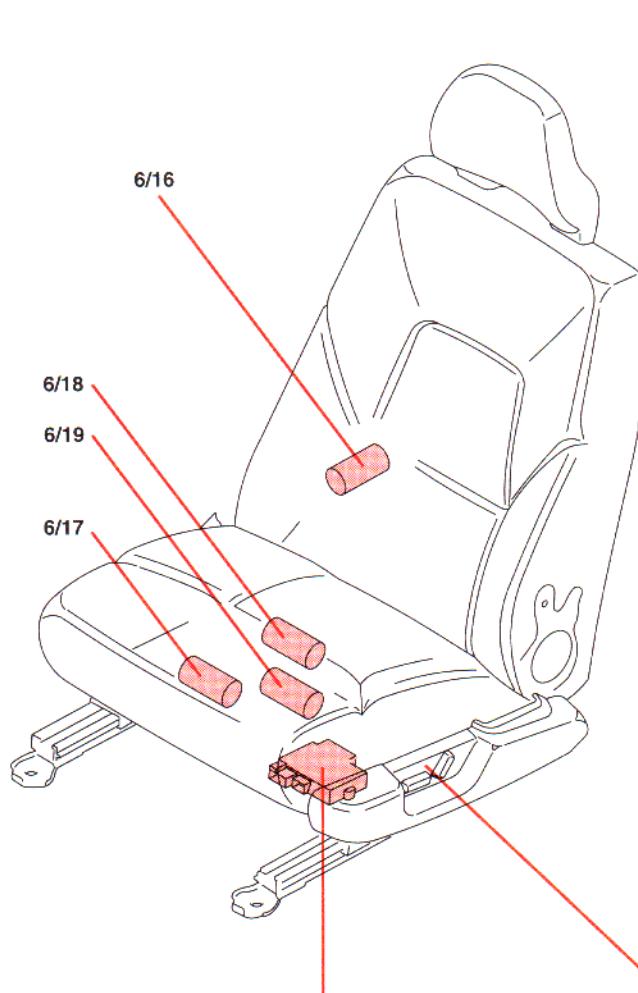
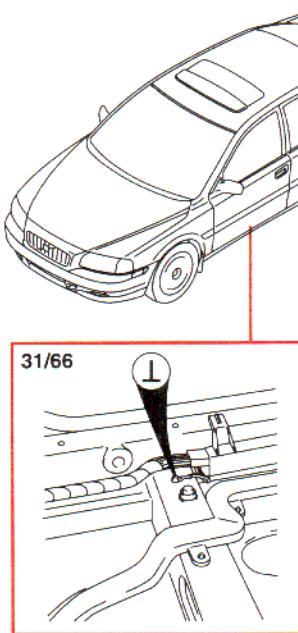
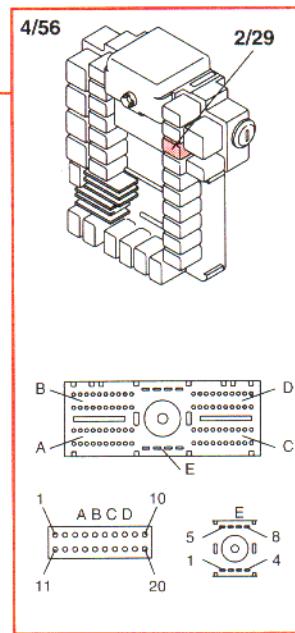
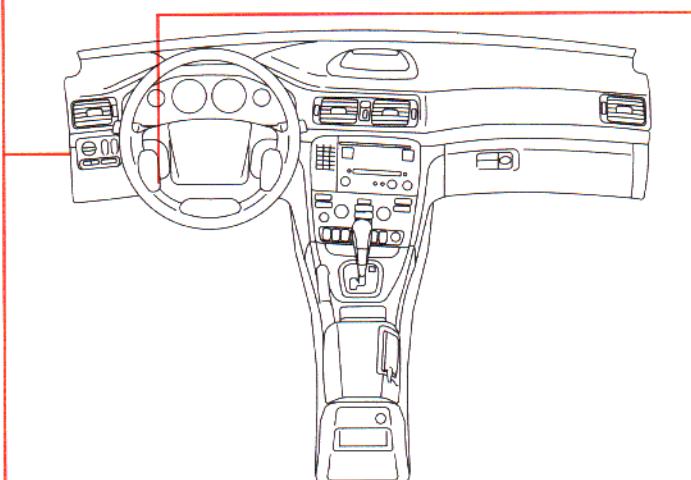
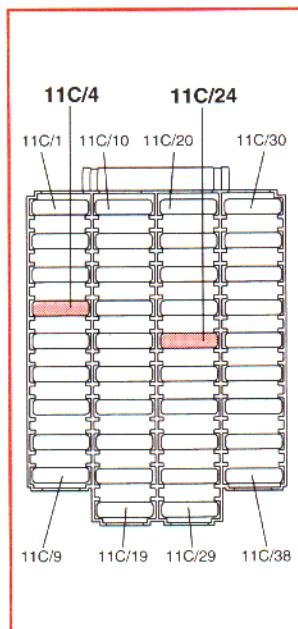
Power door mirrors



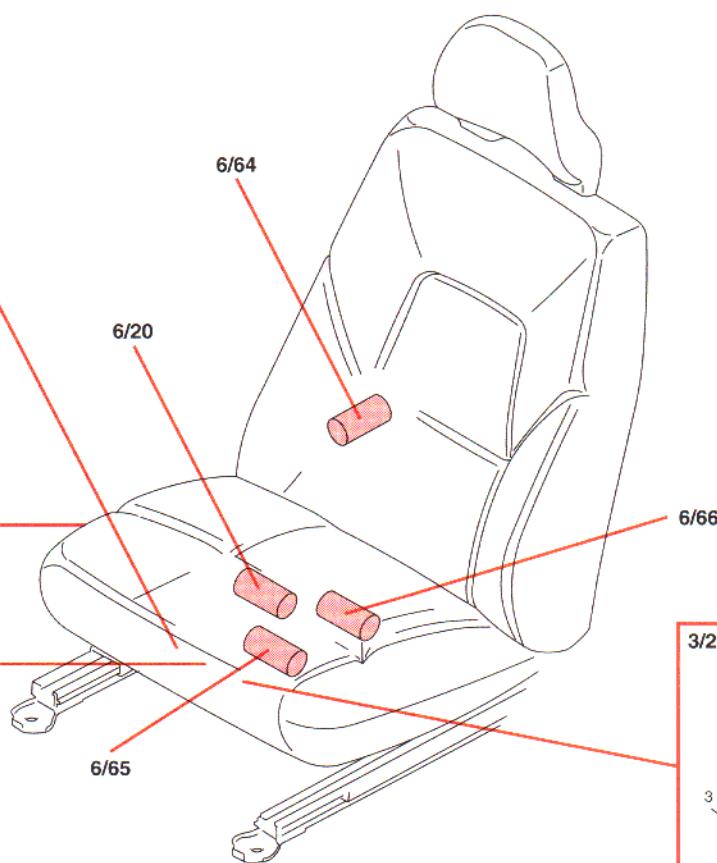
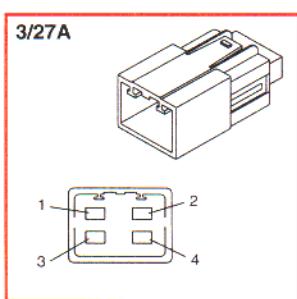
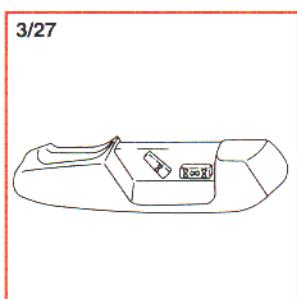
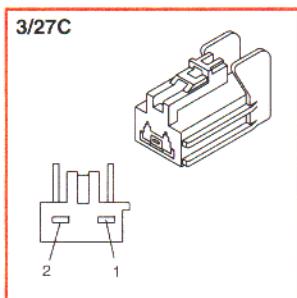
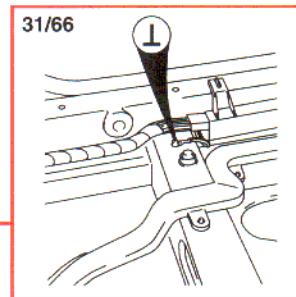
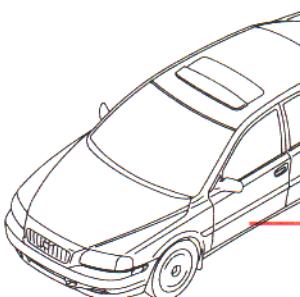
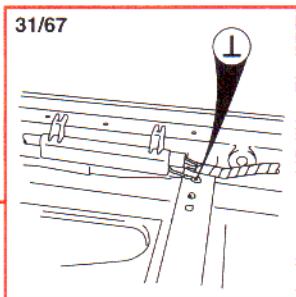
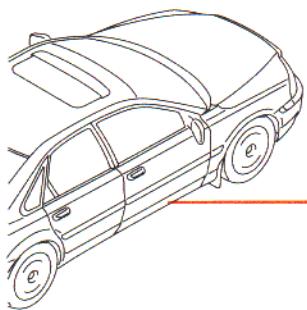
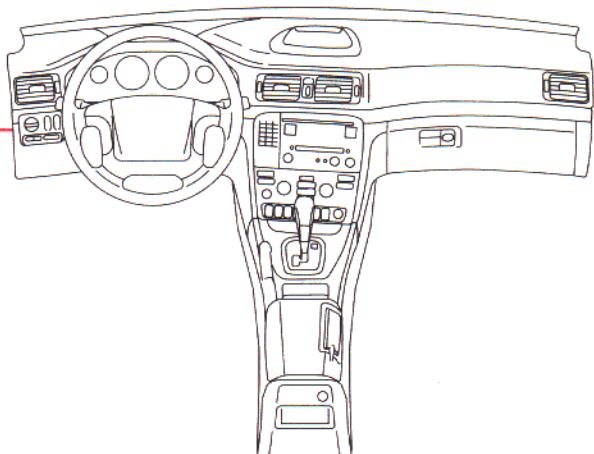
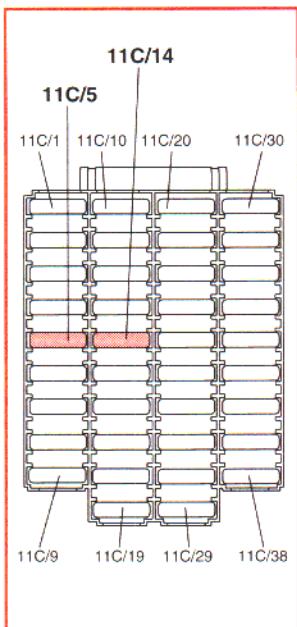
Electrically heated seats



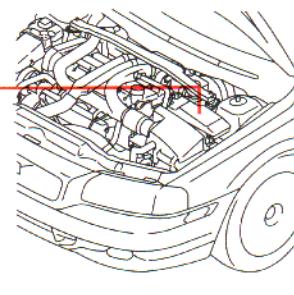
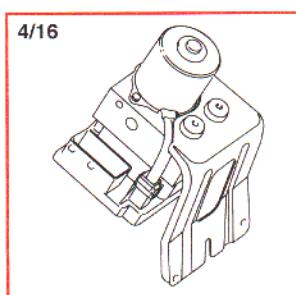
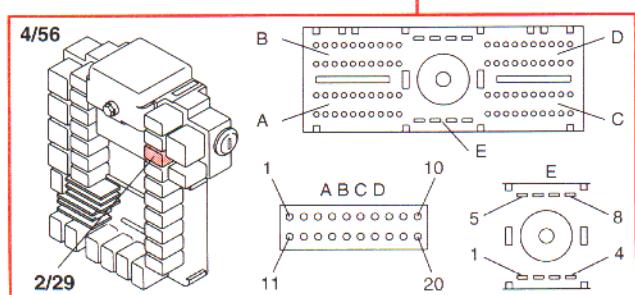
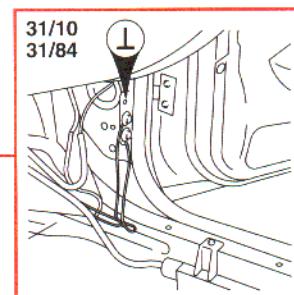
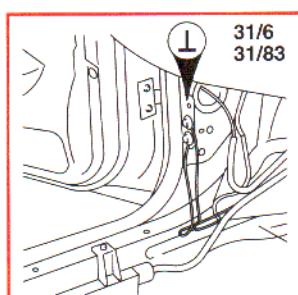
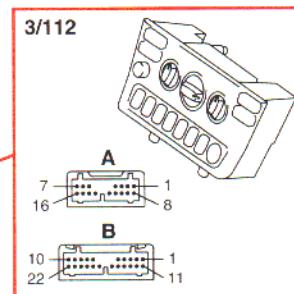
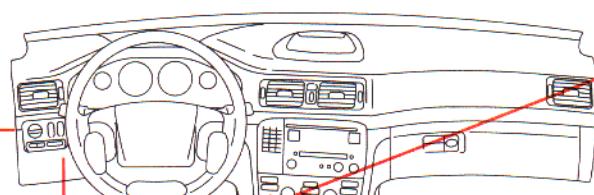
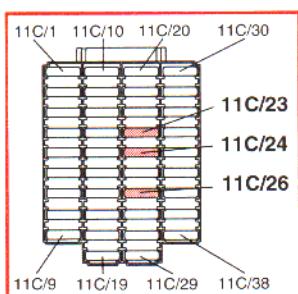
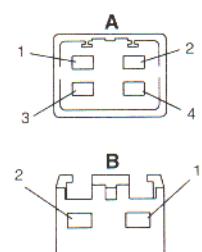
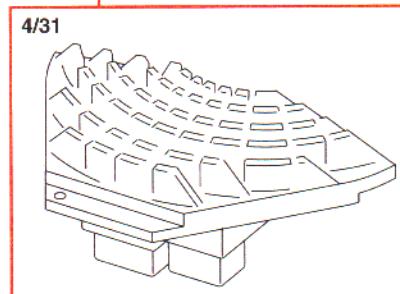
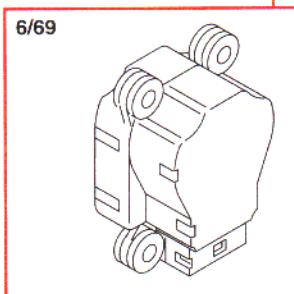
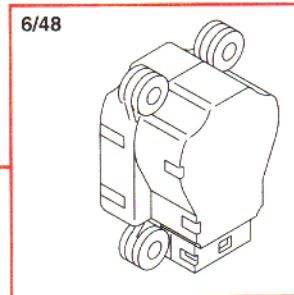
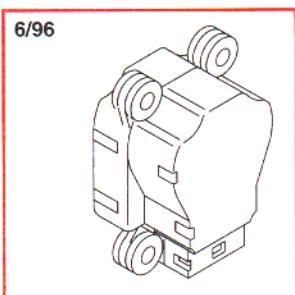
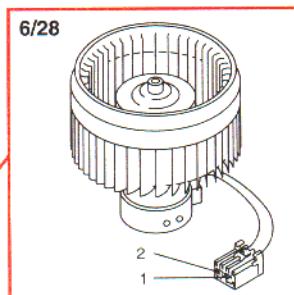
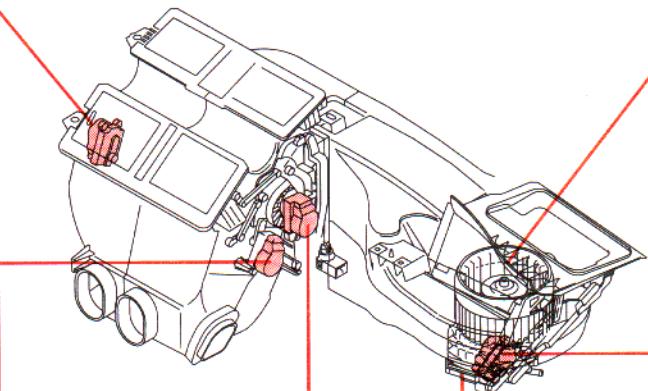
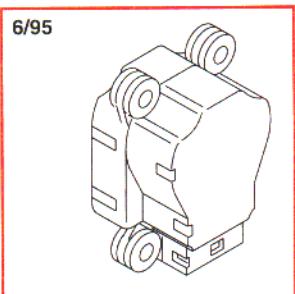
Electrically operated driver's seat



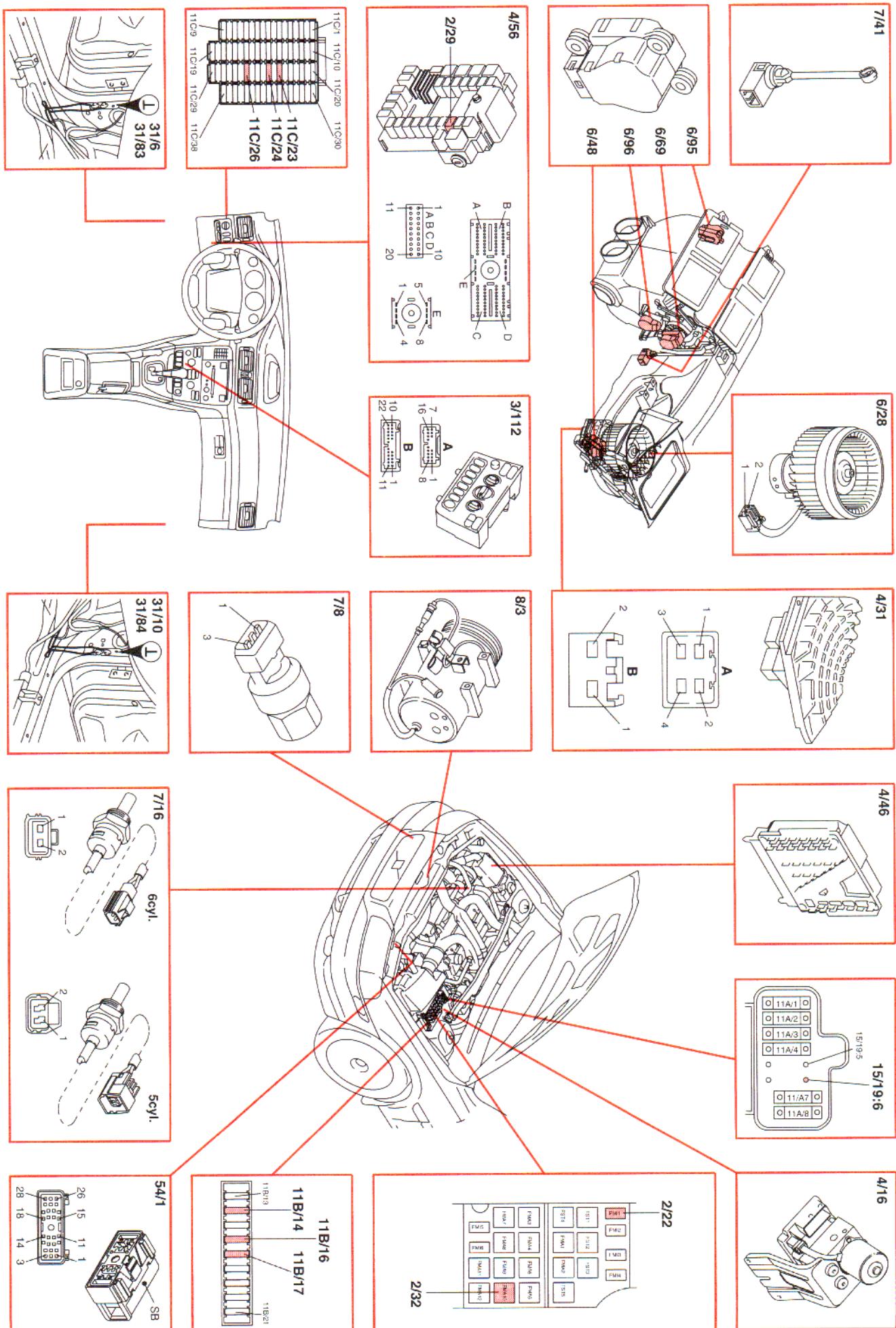
Power passenger seat



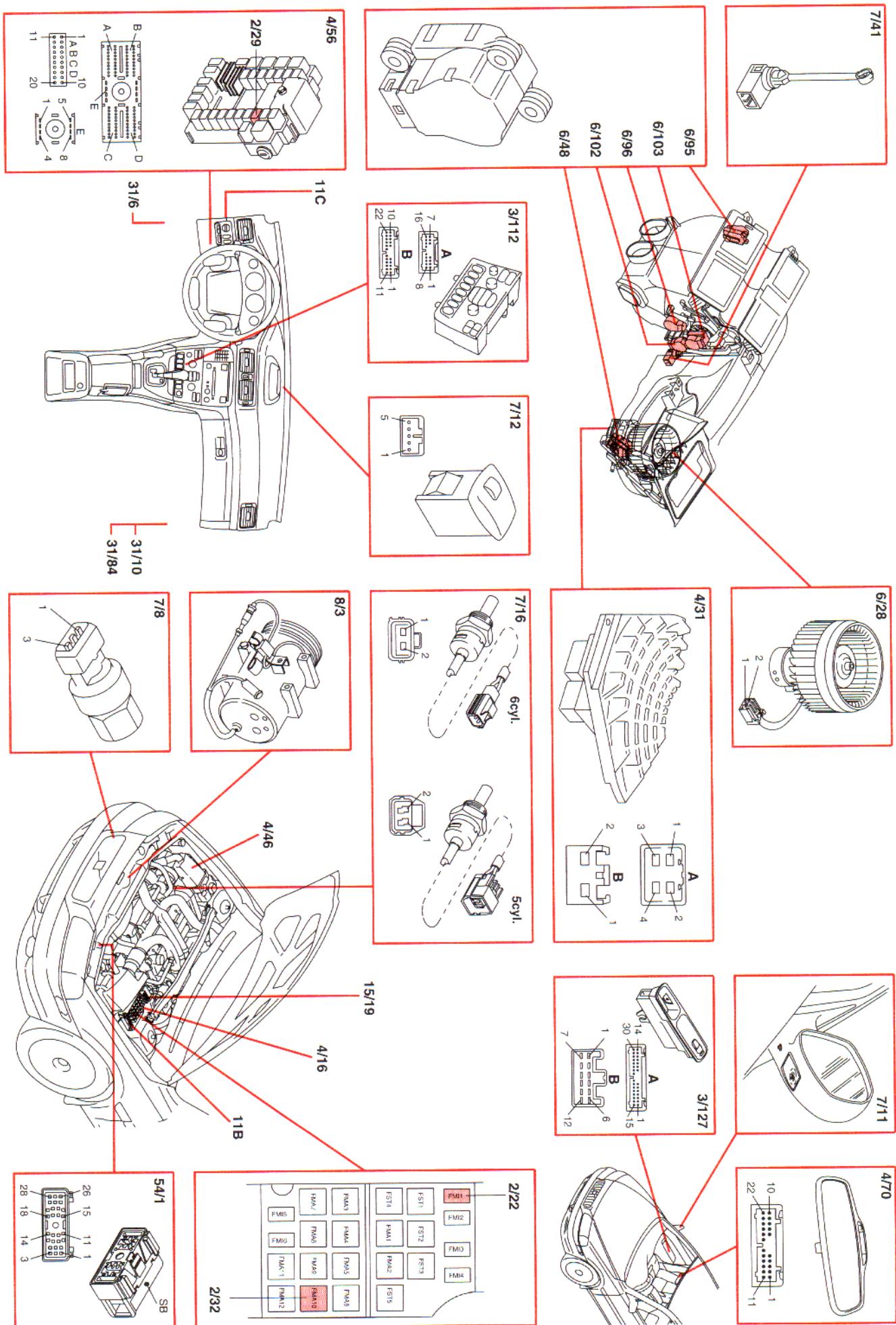
Parking heater



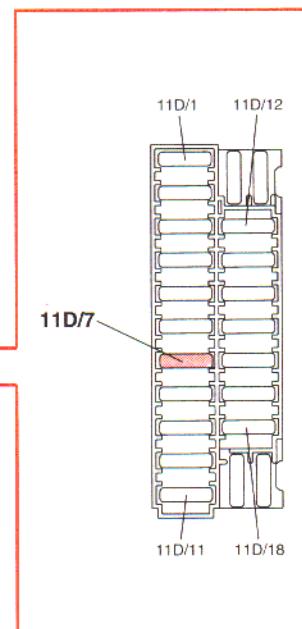
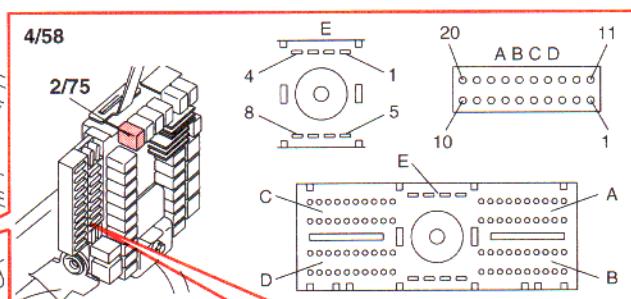
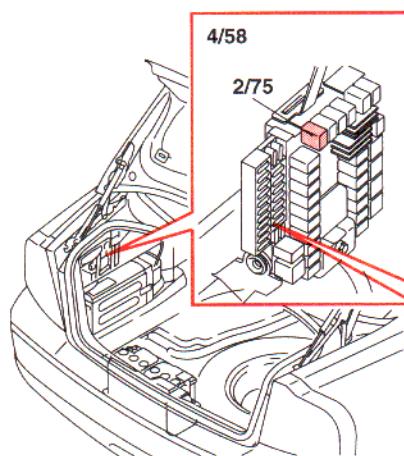
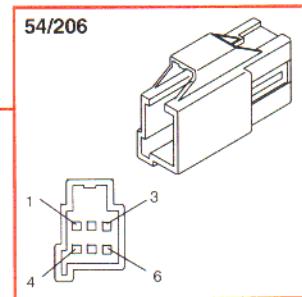
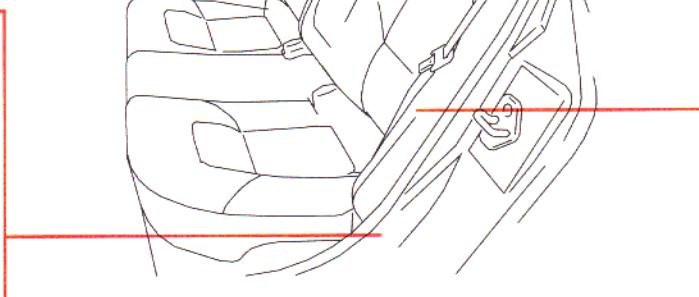
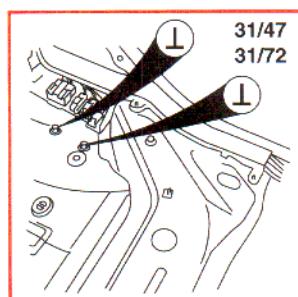
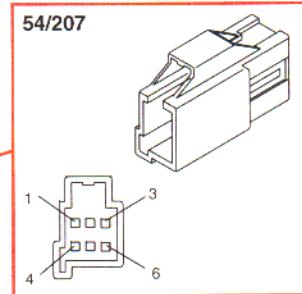
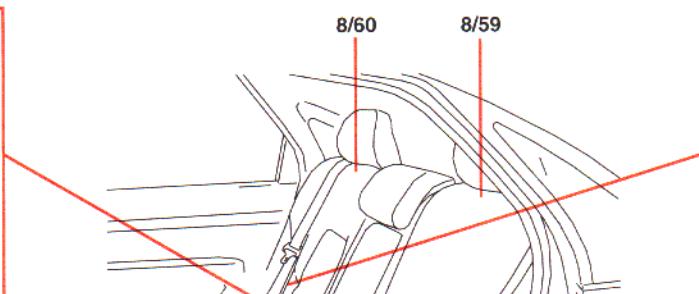
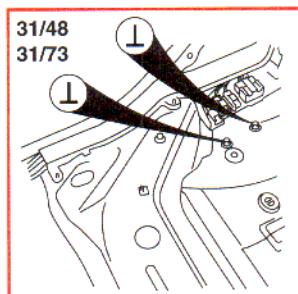
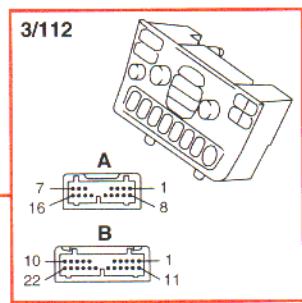
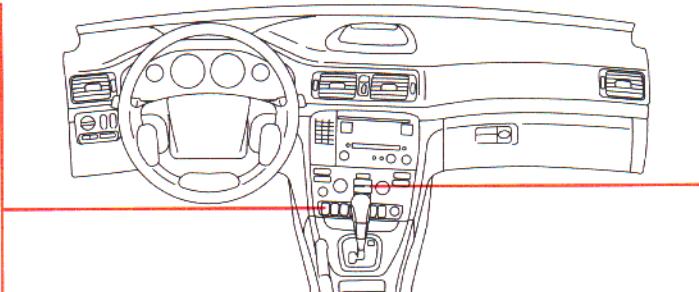
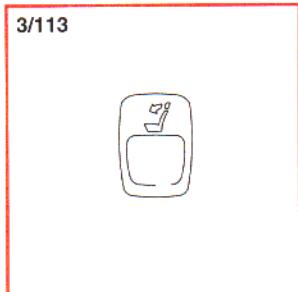
Manual climate control MCC



Electronic climate control ECC



Power folding head restraint



SRS Supplemental Restraint System

