

Service Manual Cars

Section 3(39)
Wiring Diagrams
850 1995

TP 3907202

VOLVO

Cars with SRS

Warning

Cars equipped with a Supplemental Restraint System (SRS) 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 system. Repair to either the SRS itself or a related system or component must be carried out by an authorized Volvo workshop. Refer to the appropriate SRS 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.

Dashboard or around steering column

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

Centre console

The SRS collision sensor is located between the handbrake and gear lever (selector) in the centre console. Never install accessories on or near the sensor. The collision sensor connector on 1992 models must **never** be disconnected.

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.

Modifications to September 1994 included

Modifications introduced after the above date are not covered in this manual. See Service Bulletins as applicable.

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.

Volvo owners planning to export their car(s) to another country should investigate the applicable safety and exhaust emission requirements. In some cases it may be impossible to comply with these requirements.

Contents

How to use the diagrams	2	Group 38	
Fuses	4	Bulb malfunction indicator	120
Location of relays inside the central electrical unit	6	Seat belt reminder	122
Location of relays outside the central electrical unit	7	Seat belt and key reminder, USA, Canada, Korea	124
Connection on rails in central electrical unit	8	Combined instrument, VDO	126
Ignition switch	8	Combined instrument, Yasaki	130
Connectors	9	Clock module/ambient temp. and clock module/trip computer (combined instrument VDO)	134
Cable harness and connectors		Clock module/ambient temp. and clock module (combined instrument Yasaki)	136
Left-hand drive cars - Overview	28	Group 39	
Cable harness and connectors		Radio, 4-door	138
Right-hand drive cars - Overview	29	Radio, 5-door	140
Routing of cable harness in the car	30	Radio with extra amplifier, 4-door	142
Branching points	38	Radio with extra amplifier, 5-door	144
Electrical distribution unit	52	Group 43	
Ground points	54	AW 50-42 electronically controlled automatic transmission (LH 3.2 & EZ 129 K MFI & DI)	146
Group 23/28		AW 50-42 electronically controlled automatic transmission (Fenix 5.2 MFI)	148
Multipoint fuel injection (MFI), LH 3.2 & EZ 129 K	58	AW 50-42 electronically controlled automatic transmission (Motronic 4.3 SFI)	150
Multipoint fuel injection (MFI) system, Fenix 5.2	60	P-shift lock, automatic transmission	152
Sequential fuel injection (SFI) system, Motronic 4.3 (B 5204 T, B 5234 T/T5)	62	Group 59	
Sequential fuel injection (SFI) system, Motronic 4.3 (B 5254 S)	64	ABS brake system and TRACS	154
Group 26		Group 83	
Engine cooling fan (EZ 129 K DI)	66	Power windows, Left-hand drive cars	156
Engine cooling fan (Fenix 5.2, Motronic 4.3 SFI)	68	Power windows, Right-hand drive cars	158
Group 27		Central locking, 4-door	160
Cruise control	70	Central locking, 5-door	162
Group 32/33		Central locking with deadlock, 4-door	164
Charging circuit and starting system	72	Central locking with deadlock, 5-door	166
Group 35		Power sunroof	168
High and low beams	74	Group 84	
High and low beams, DIM-DIP (GB)	76	Heated rear window and door mirrors	170
Beam width control	78	Power door mirrors	172
Fog lights	80	Group 85	
Parking lights, tail lights and license plate lights, 4-door	82	Electrically heated seats	174
Parking lights, tail lights and license plate lights, 5-door	84	Heated rear seat	176
Brake lights, 4-door	86	Power seat with memory	178
Brake lights, 5-door	88	Group 87	
Backup (reversing) lights	90	Heater fan	180
Inside lighting, 4-door	92	Manual climate unit MCC (LH 3.2 & EZ 129 K)	182
Inside lighting, 5-door	94	Manual climate unit MCC (Fenix 5.2 MFI, Motronic 4.3 SFI)	184
Instrument and control lighting	96	Electronic climate unit ECC (LH 3.2 & EZ 129 K)	186
Group 36		Electronic climate unit ECC (Fenix 5.2 MFI and Motronic 4.3 SFI)	188
Turn signal / hazard lights, 4-door	98	Exhaust temperature sensor (Japan)	190
Turn signal / hazard lights, 5-door	100	Group 88	
Horn	102	Supplemental Restraint System (SRS)	192
Windshield and headlight wash/wipe, early type	104	Supplemental Restraint System (SRS), USA/Canada	194
Windshield and headlight wash/wipe, late type	106	Follow-ups	196
Tailgate wash/wipe	108	Component list (fold-out)	at end of book
Cigar lighter	110	Index	at end of book
Anti-theft alarm, 4-door	112		
Anti-theft alarm, 5-door	114		
Group 37			
On-board diagnostic system (OBD system)	116		
Pre-routed wiring for accessories	118		

Order no. TP 3907032 (UK) Supersedes TP 3907031

Order no. TP 3907202 (USA/CDN) Supersedes TP 3907201
--

We reserve the right to make alterations without prior notification.







How to use the diagrams

Look up the relevant electrical function in the index.
 Let us say you want to look at the brake lights in a 4-door car.
 According to the index, the brake lights are found on page 86.

Here you can see how the components are connected and, in most cases, their internal wiring.

A chart is often used to illustrate the functions of a switch.

The chart will show which functions are associated with the different positions on the switch (in this case the ignition switch).

-  No voltage
-  System voltage potential
-  Potential less than system voltage
-  Shielded lead
-  Ground connection
-  Screened wire
- LHD Left Hand Drive
- RHD Right Hand Drive

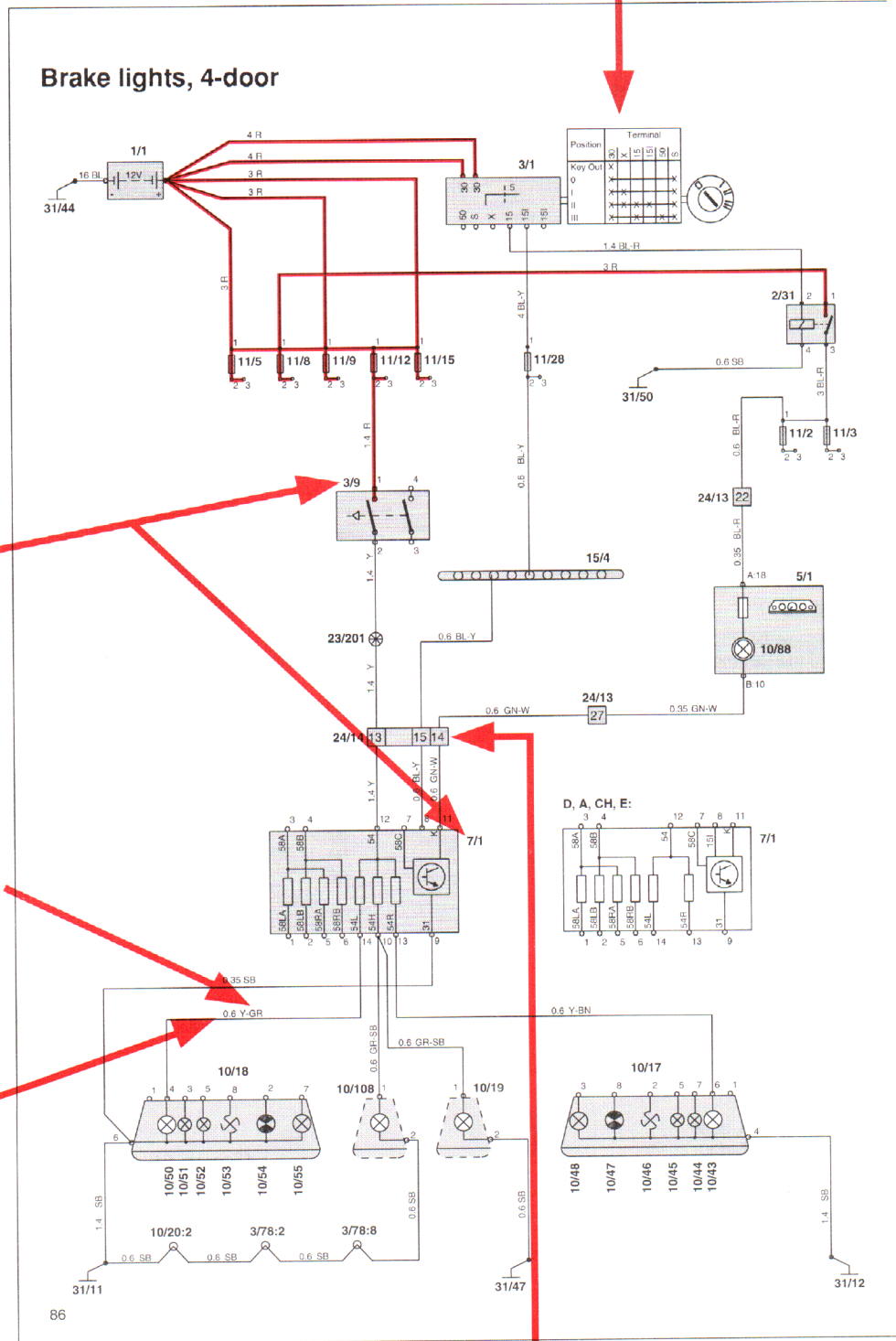
There is a component number for each component.
 At the back of this book, you will find a complete component list where you can see what each component is called.

Lead colors are shown by letters:

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

Y-GR = Yellow - grey

Lead cross-section area is expressed in square millimetres.



In right-hand drive cars connector 24/3 pos. 1-25 is the equivalent of connector 24/14 due to differences in cable routing. See diagram page 29.

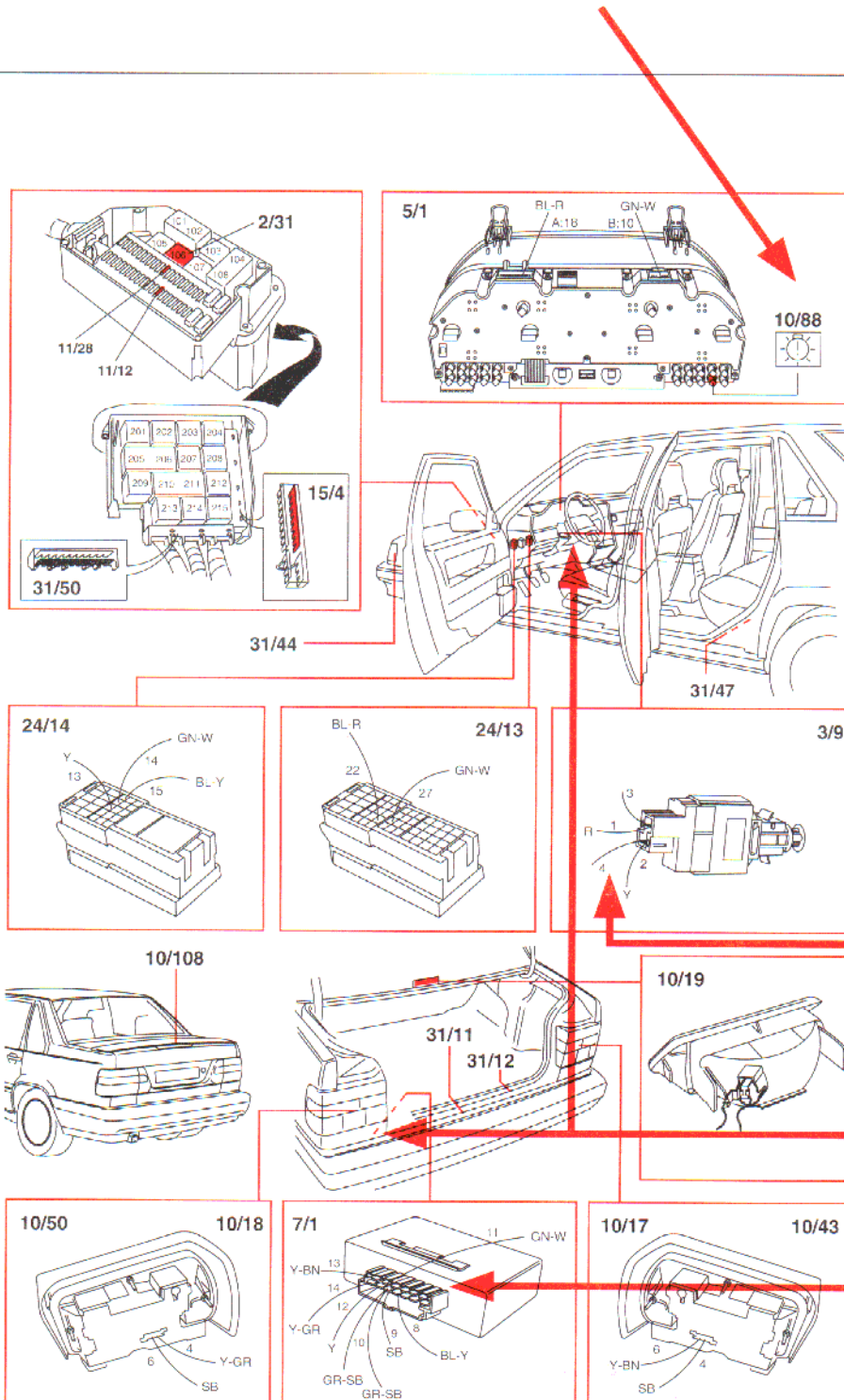
How to use the diagrams

The component ID usually consists of a type number and a component number. The type number (in this case 10) identifies the type of component, i.e. a lamp, switch or electric motor. (For specifics, see list on right) The component number (88) identifies the specific component in question, i.e. bulb failure warning lamp, light switch or sunroof motor.

Type numbers:

- 1 Battery
- 2 Relay
- 3 Switch
- 4 Control module
- 5 Combined instrument
- 6 Electric motor
- 7 Sensor
- 8 Actuator
- 9 Heater element
- 10 Lamp
- 11 Fuse
- 15 Distribution rail, current supply
- 16 Audio
- 17 Service socket
- 18 Bridge connector
- 19 Gauge
- 20 Ignition component
- 23 Branching point
- 24* Connector
- 25 Bridge
- 31 Ground connection

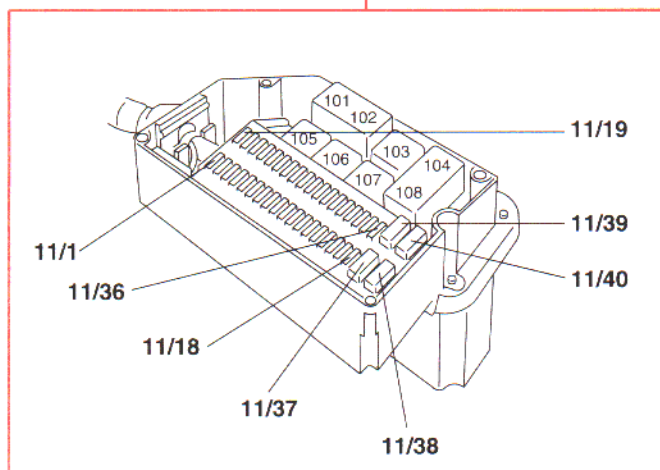
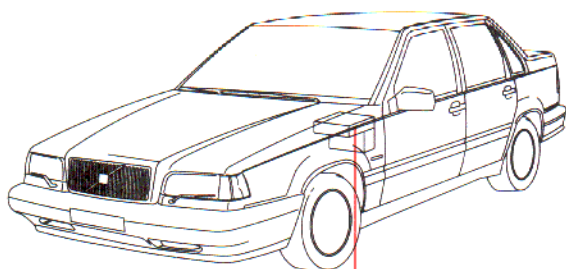
* In certain cases the letter C is used. In those cases the component number is also replaced by letters.



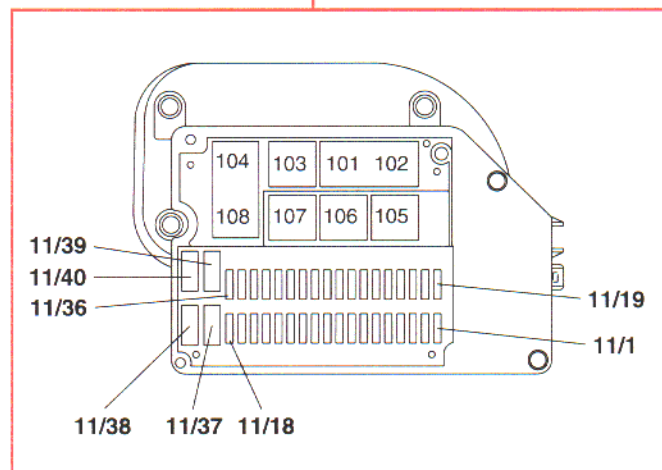
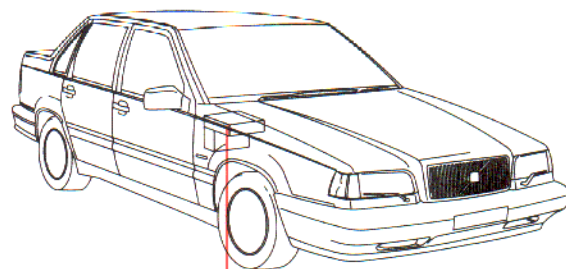
Here you can see how the leads are connected to the components.

You can also see the location in the car of the components related to the function in question.

LEFT HAND DRIVE CARS (LHD)



RIGHT HAND DRIVE CARS (RHD)



Fuse no. Circuits

- 1 LH 3.2 Multiport fuel injection (MFI), EZ 129 K Distributor Ignition (DI) Motronic 4.3 SFI, Automatic transmission, Fenix 5.2 fuel and ignition system, Main relay, Fenix 5.2 fuel system (MFI)
- 2 Fuel pump, Alarm
- 3 Exhaust temp. sensor (Japan), Interior lighting, Speed warning
- 4 Spare
- 5 Heater fan, 4th speed
- 6 Central lock, Alarm, Relay for deadlock setting
- 7 Radio
- 8 Air pump
- 9 ABS, TRACS
- 10 Heated rear seat
- 11 Heated rear window and door mirrors
- 12 Brake lights
- 13 Turn signal/hazard lights, High beam flasher, Alarm
- 14 ABS, TRACS
- 15 +30-rail (15/2):
Inside lighting, Glove compartment lighting, Entry lighting, Open-door warning lamps, Trunk lighting, Remote-controlled central locking/alarm, Seat belt reminder, diagnostic socket OBDII (17/13)
- 16 Power antenna, (trailer socket), (Accessories)
- 17 Key warning USA, Canada, Korea
- 18 Front fog lights
- 19 High beam, left
- 20 High beam, right, High beam warning (Accessories)

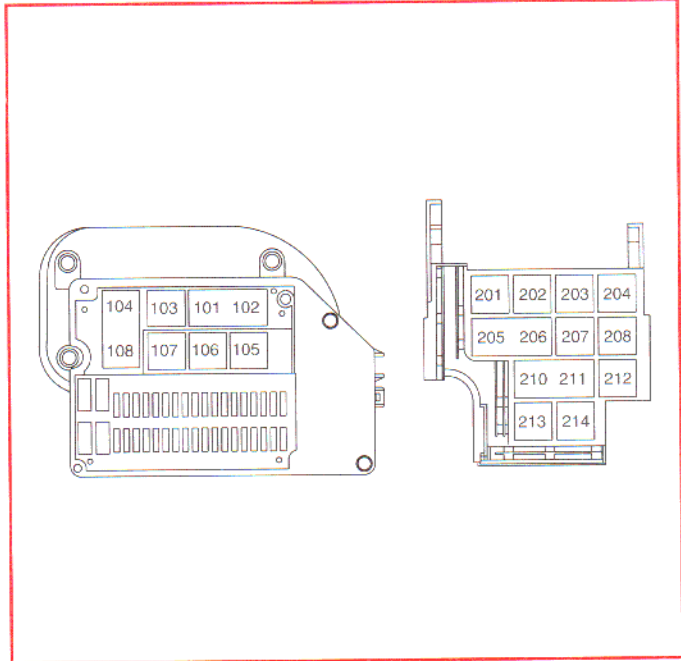
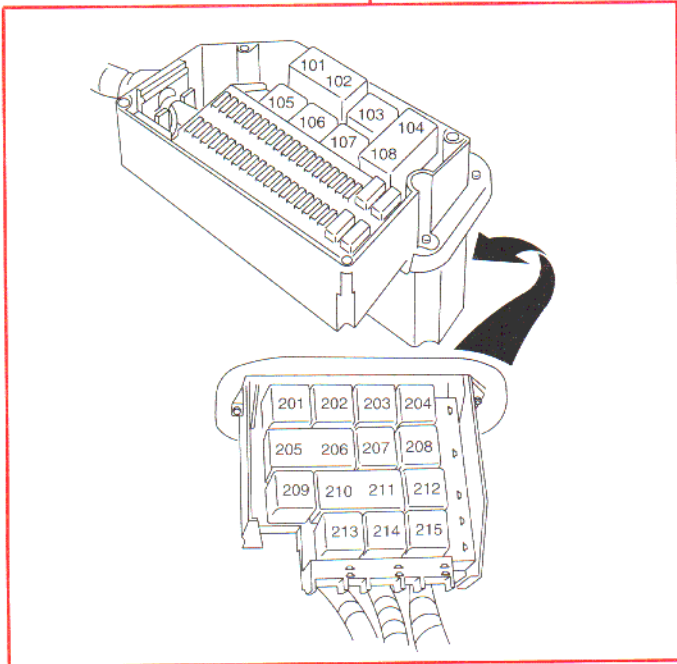
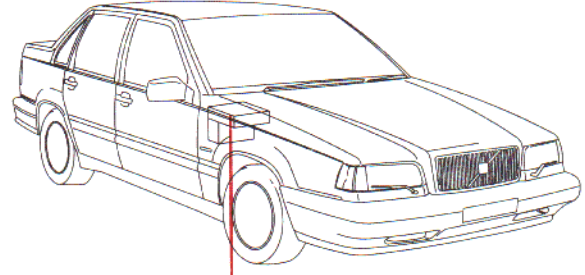
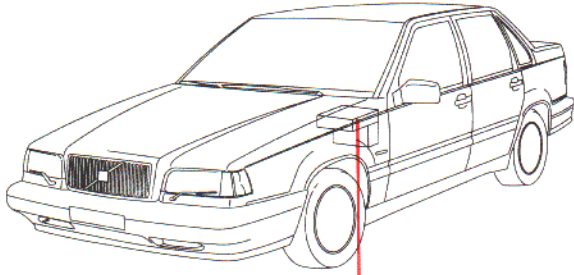
Fuse no. Circuits

- 21 Low beam, left (Accessories)
- 22 Low beam, right
- 23 Parking lights, License plate light (Accessories)
- 24 Parking lights
- 25 Rear fog lights, rear fog light warning
- 26 Heated front seats, Power door mirrors
- 27 Back-up lights, Turn signal, TRACS
- 28 +15l-rail (15/4):
Heated rear window and door mirrors
Seat belt reminder, Cruise control, Bulb malfunction indicator, Germany, P-shift lock automatic transmission, Heated rear seat
- 29 ABS, TRACS
- 30 Cigar lighter
- 31 Heater fan speeds 1-3, Climate unit, Recirculation
- 32 Radio, Remote-controlled central locking/alarm
- 33 Data link connector (DLC) A (17/7)
+X-rail (15/8):
Power seat, Beam width control, Tailgate wash/wipe
- 34 Windshield wiper/washer, Horn, Headlight wiper/washer
- 35 Ashtray lighting, Instrument and control lighting, Rheostat, Cigarlighter illumination, Power sunroof (Accessories)
- 36 Spare
- 37 Trip fuse for power windows and power sunroof
- 38 Spare
- 39 Automatic fuse for power seat, left
- 40 Automatic fuse for power seat, right

Location of relays inside the central electrical unit

LEFT HAND DRIVE CARS (LHD)

RIGHT HAND DRIVE CARS (RHD)

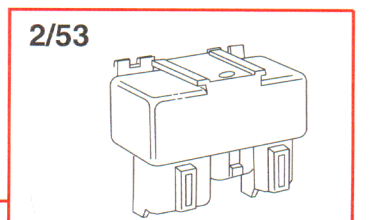
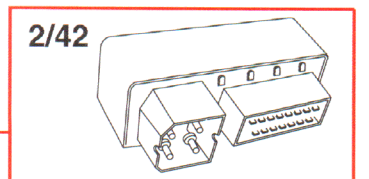
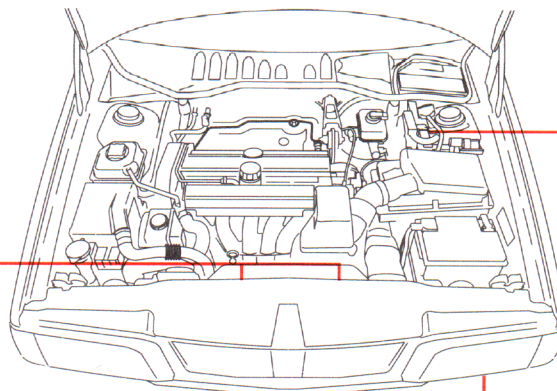
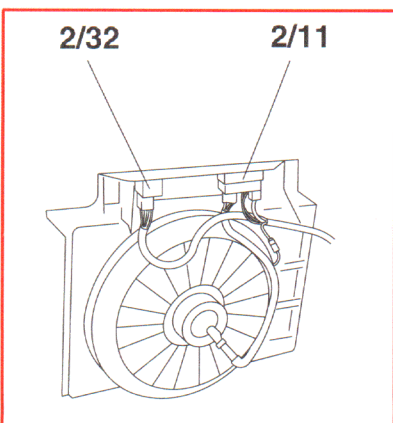
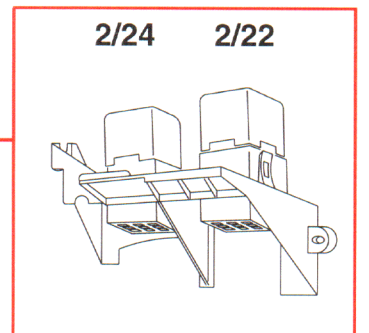
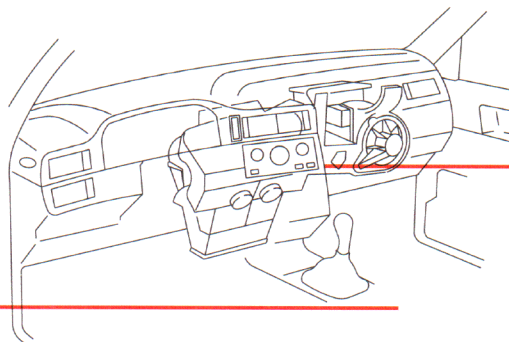
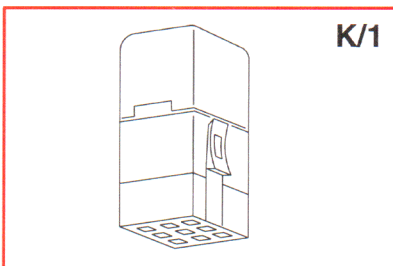
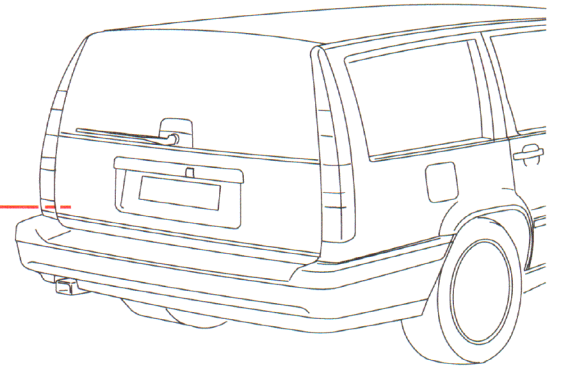
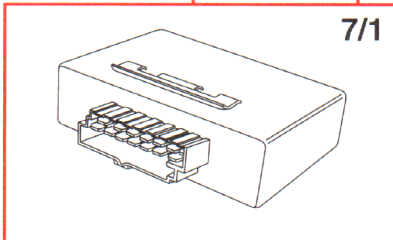
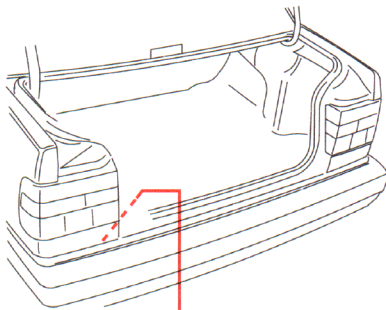
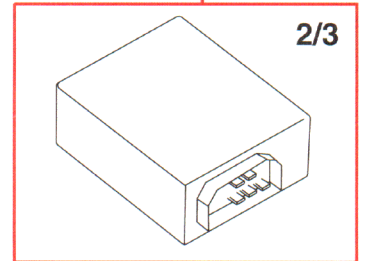
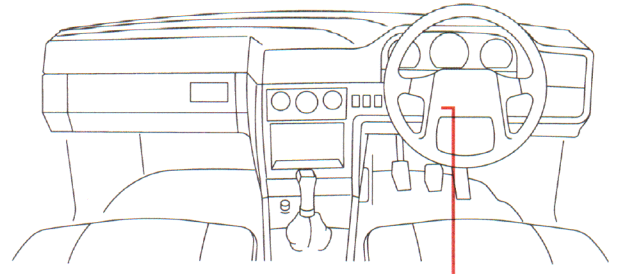


- 101-102 Control module, cruise control (4/3)
- 103 Fuel pump relay (2/23)
- 104, 108 Main headlight relay with bulb malfunction indicator (2/1)
- 105 Overload relay +X supply (2/30)
- 106 Overload relay +15 supply (2/31)
- 107 Overload relay +X supply (2/60)
- 201 Fog light relay (2/2)
- 202 Relay, deadlock setting (2/47)
- 203 Relay, windshield intermittent wiper (2/4)
- 204 Relay, tailgate intermittent wiper (2/16)
- 205-206 Relay, central lock and delayed inside lighting (2/7)
- 207 Speed warning (2/51) or exhaust temp. sensor relay (2/15)
- 208 Relay, heated rear window and door mirrors (2/44)
- 210-211 Relay, anti-theft alarm (2/28)
- 212 Relay, seat belt reminder/key warning (2/5)
- 213 Front fog lights, bridge (25/9)
- 214 Relay, heated rear seat (2/43)

If the car is not equipped with a theft alarm, position 210 is bridged and 211 is unconnected.

Location of relays outside the central electrical unit

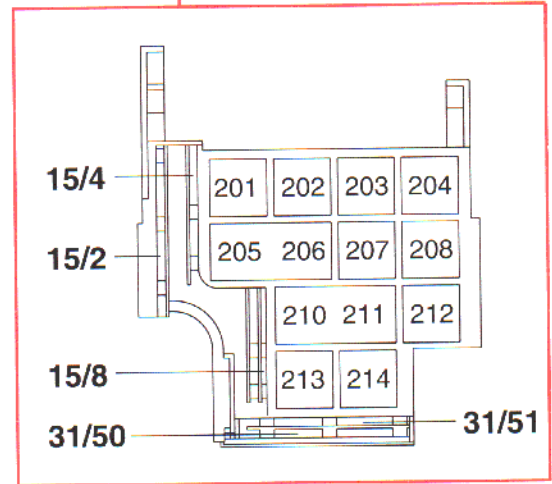
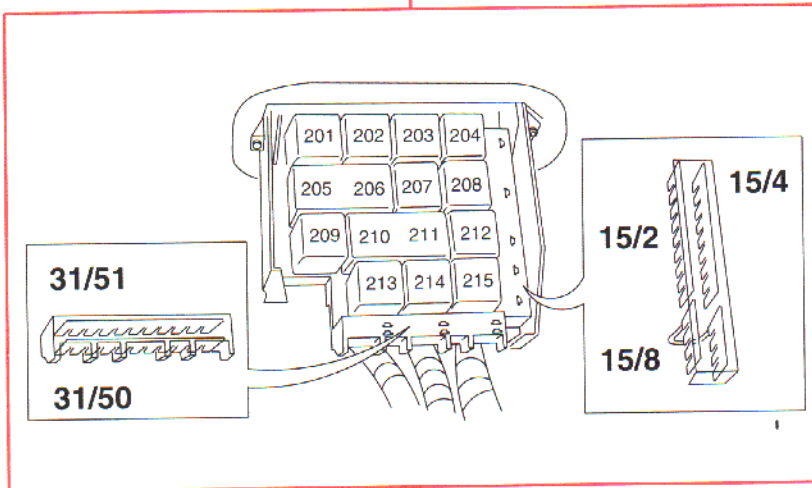
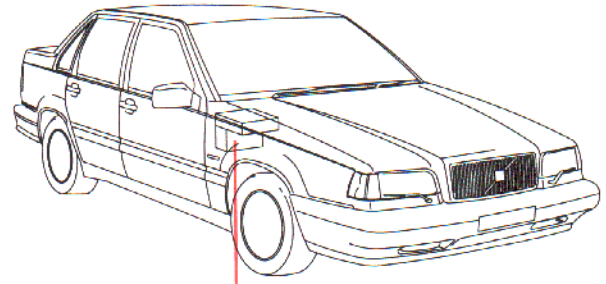
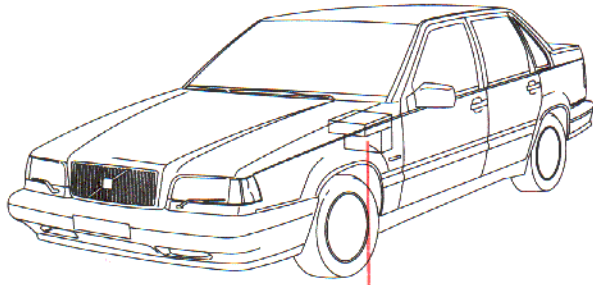
- 2/3 DIM-DIP regulator
- 2/11 Engine cooling fan relay
- 2/22 A/C relay
- 2/24 Fan relay, max.
- 2/32 Main relay fuel system
- 2/42 Combination relay ABS
- 2/53 Relay, air pump
- 7/1 Rear bulb failure warning sensor
- K/1 Relay, autdown power window



Connection on rails in the central electrical unit

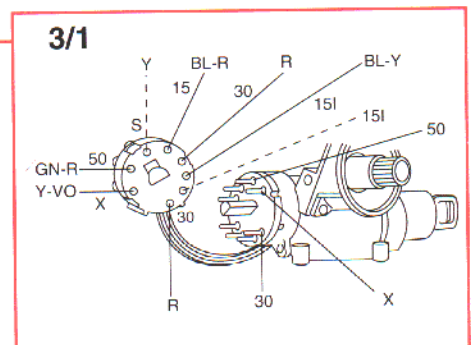
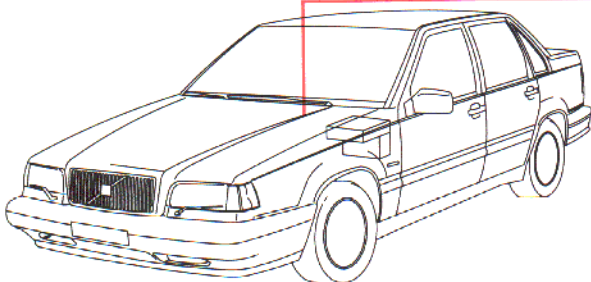
LEFT HAND DRIVE CARS (LHD)

RIGHT HAND DRIVE CARS (RHD)



- 15/2 30 rail
- 15/4 15I rail
- 15/8 X rail
- 31/50 Ground connection rail (power ground)
- 31/51 Ground connection rail (signal ground)

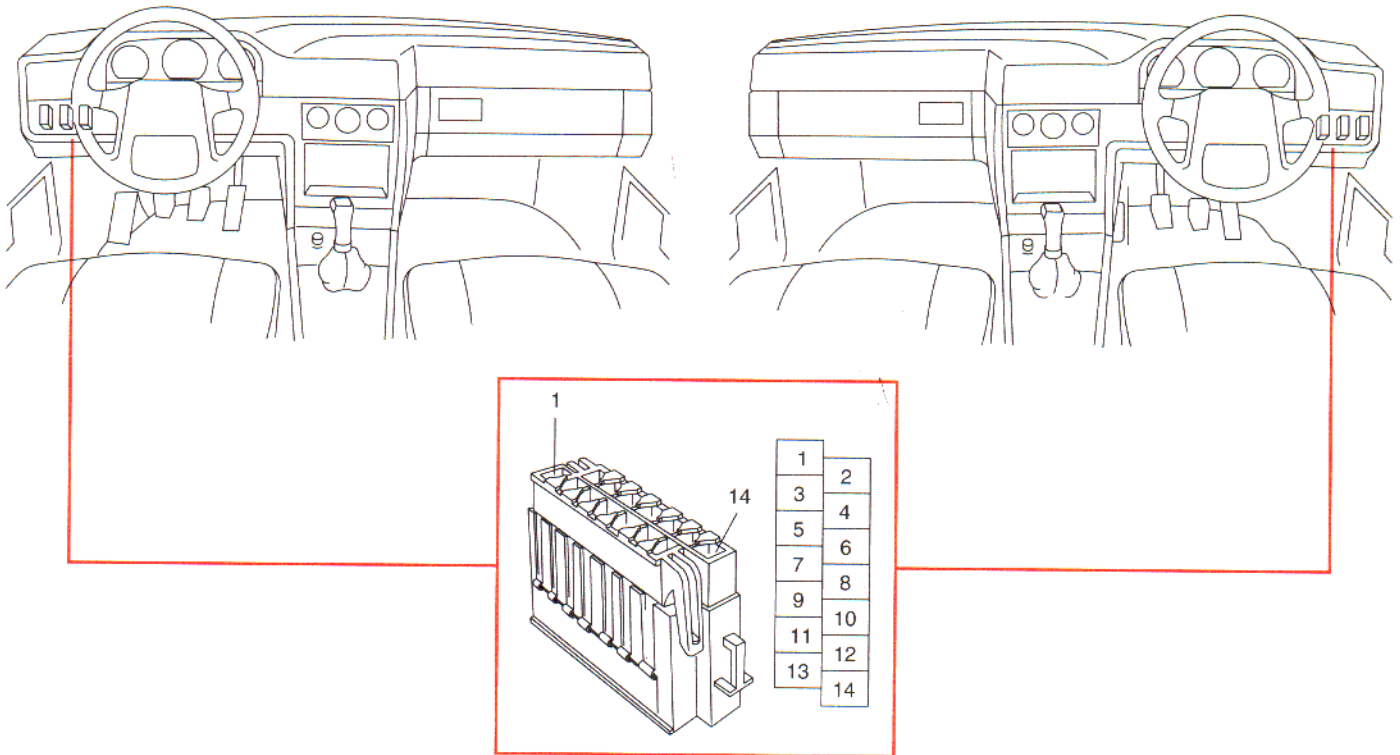
Ignition switch



Inputs
+30: two leads from battery positive terminal

Key position:	Voltage at connection:
- Key out	30
0 Off	30, S
I Radio	30, S, X
II Drive	30, S, X, 15, 15I
III Start	30, S, 15, 50

Connector 24/1 (14-pin) Instrument panel harness - Firewall harness

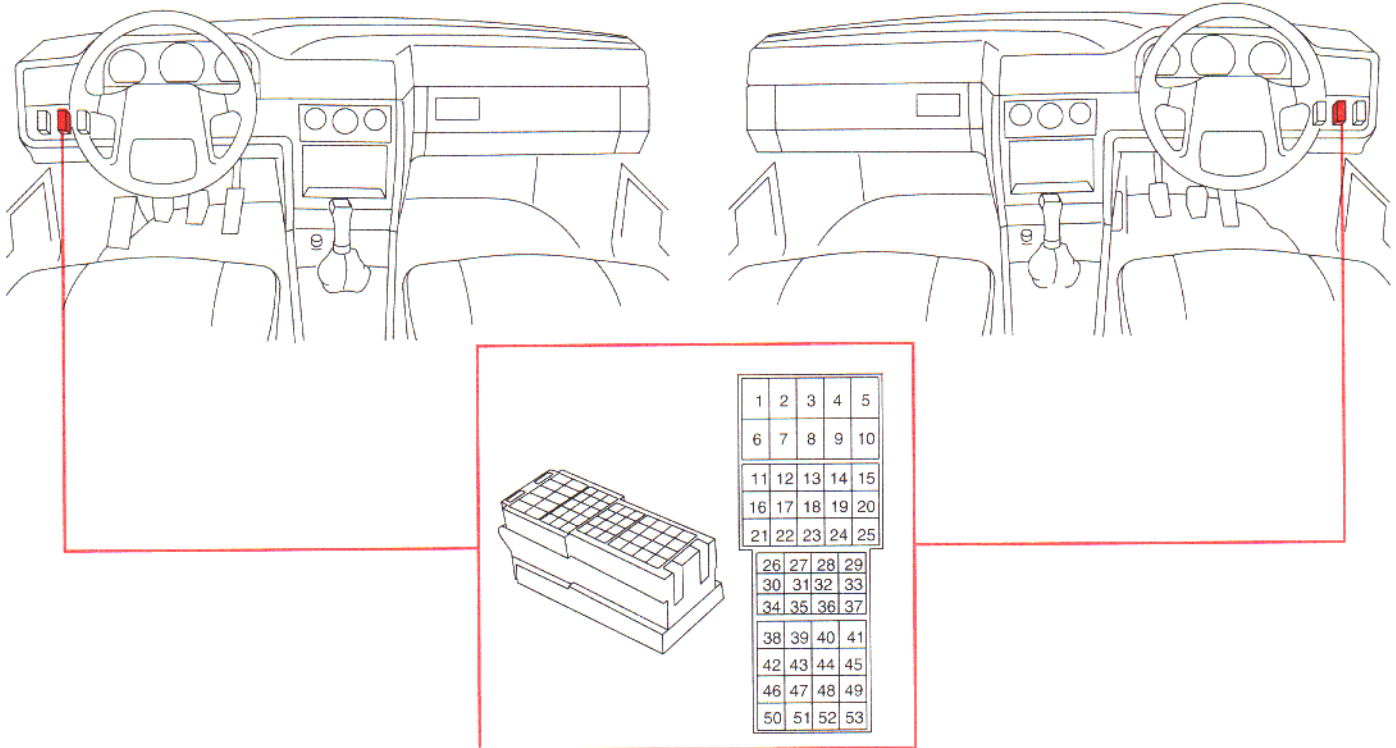


Pos	To/From		Via	Color
1	Handbrake switch, warning signal	(-)		Y
2**)	3*) Lock, left front door, entry lighting	(-)	24/5:10	W-SB
3**)	2*) Lock, right front door, entry lighting	(-)	24/6:10	Y-SB
4	Control module, power sunroof, forward-signal	(+)	24/20:2	GN
5	Control module, power sunroof, rear-signal	(+)	24/20:3	W
6	Fuel level sensor	(variable signal)	24/4:12	Y-GR
7	Fuel level sensor	(-)	24/4:13	Y-R
8	Radio, ground left A-post	(-)	23/415	SB
9	Power antenna Antenna amplifier	(+)	24/3:34	BL-W
10	Branching point 23/414, from rheostat, variable supply to A/C lights ECC control module lights to tunnel control lighting to gear selector lighting to cigar lighter lighting, heated rear seat switch	(+)	24/12:2 24/12:2 24/7:6 24/37:1	P
11	SRS, warning signal			GN-BN
12	SRS, supply Styrenhet ECC, matning	(D-)	24/11:1	R-W
13	-			
14	-			

*) Only RHD cars

***) Only LHD cars

Connector 24/2 (53-pin) Engine compartment harness - firewall harness



Pos	To/From		Via	Color
1	Power seat right, supply	(30+)	24/4:1	GN
2	Branching point 23/412, supply Control module, power sunroof Power window switch	(X+)	24/20:1	BL BL BL
3	-			
4	Heated rear window *)	(+)	24/3:5	Y-R
5	Seat heater switch, supply Switch, power door mirrors, supply	(15I+)	24/7:1 24/7:1	BL-Y
6	Climate unit, supply	(X+)	24/12:1	Y-VO
7	Relay, heater fan max (climate unit), supply	(30+)	24/10:1	R
8	Relay, heater fan max (climate unit), supply	(30+)	24/10:1	R
9	Power seat left, supply *)	(30+)	24/3:1	GN-R
10	Power antenna *)	(30+)	24/3:6	GR-R
11	Fuel pump , supply	(+)	24/4:11	P
12	Branching point 23/410 "open door warning" Lock, left front door Lock, left rear door Lock, right front door Lock, right rear door	(-)	24/5:2 24/3:30 24/6:2 24/4:19	Y-W
13	Courtesy light, delayed inner lighting	(-)	24/9:2	P-SB
14	Branching point 23/411, supply Lock, left front door, open-door warning lamp Lock, right front door, open-door warning lamp Lock, left rear door, open-door warning lamp, trunk lighting Lock, right rear door, open-door warning lamp Courtesy light, Inside lighting Vanity mirror lighting, left and right side OBD II socket	(30+)	24/5:1 24/6:1 24/3:31 24/4:18 24/9:1	R
15	Courtesy light, (Seat belt reminder)	(-)	24/9:3	GR

*) Only RHD cars

Connector 24/2 (53-pin) Engine compartment harness - firewall harness

Pos	To/From		Via	Color
16	Seat belt lock, left or right seat	(-)	24/3:28 **) 24/4:16 *)	GR-SB
17	Power seat right, supply	(X+)	24/4:28	Y-VO
	Power seat left, supply		24/3:29	
18	Heated door mirrors left side, supply	(+)	24/5:18	Y-R
	Heated door mirrors right side, supply		24/6:18	
19	Branching point 23/408, central lock unlocking M+			Y-BN
	Lock, left front door		24/5:14	
	Lock, right front door		24/6:14	
	Lock, left rear door, trunk (boot) lid and tank flap locking motor		24/3:35	
	Lock, right rear door		24/4:6	
20	Branching point 23/409 central lock locking M-	(-/+)		Y
	Lock, left front door		24/5:15	
	Lock, right front door		24/6:15	
	Lock, left rear door, trunk (boot) lid, tank flap locking motor		24/3:36	
	Lock, right rear door		24/4:7	
21	Locking signal to control module	(-)		Y-GR
	Lock, right front door		24/6:17	
	Lock, trunk (boot) lid		24/3:37	
	Lock, left front door		24/5:17	
22	Lock, left front door, unlocking signal	(-)	24/5:16	GR-R
23	Lock, right front door, unlocking signal	(-)	24/6:16	BL-P
24	ABS sensor, left rear	(variable signal)	24/4:22	GN-R
25	ABS sensor, left rear	(-)	24/4:23	GN-Y
26	ABS sensor, right rear	(variable signal)	24/4:24	GN-W
27	ABS sensor, right rear	(-)	24/4:25	GN-SB
28	-			
29	A/C-relay (A/C-off from EZK, Fenix 5.2 or Motronic 4.3 control module)	(-)	24/11:2	BL-SB
30	A/C-relay (A/C-off to EZK, Fenix 5.2 or Motronic 4.3 control module)	(+)	24/11:3	BL-GR
31	SRS, supply	(X+)		OR
32	SRS, on-board diagnostic system (OBD system)			BN-SB
33	Solenoid, P-shift lock	(+)		GN
34	Program selector MS1 (Automatic transmission)	(-)	24/7:11	BN-GR
35	Program selector MS2 (Automatic transmission)	(-)	24/7:12	GN-OR
36	Program selector W (Automatic transmission)	(+)	24/7:13	GR-OR
37	Lock unit, left front door, key warning	(-)	24/5:10	W-SB
38	ECC control module, on board diagnosis (OBD)		24/11:4	GN-BN
39	ECC control module, engine coolant temperature signal	(variable signal)	24/11:5	GN-GR
40	ECC control module, speed signal 48 pulses/wheel rev.	(pulse freq.)	24/11:6	GR-W
41	Switch, heated rear seat, left side	(-)	24/37:2	R-W
42	Switch, heated rear seat, right side	(-)	24/37:3	BN-W
43	Switch, heated rear seat, left side		24/37:4	VO-W
	Thermostat, rear seat left side		24/3:41	
44	Switch, heated rear seat, right side		24/37:5	BL-W
	Thermostat, rear seat right side		24/4:30	
45	Power seat left, on-board diagnosis (OBD)		24/3:45	BN-OR
	Power seat right, on-board diagnosis (OBD)		24/4:29	
46	Anti-theft lock position, left front door		24/5:4	VO
	Anti theft lock position, left rear door		24/3:42	
47	Microswitch, deadlock, anti-theft alarm left front door		24/5:11	BL-BN
	Microswitch, deadlock, anti-theft alarm right front door		24/6:11	
48	Deadlock, right front door		24/6:4	VO
	Deadlock, right rear door		24/4:8	
49	-			
50	Control Module Motronic 4.3, OBDII diagnosis			Y-BN
51	Control Module Motronic 4.3 & auto. gearbox control module, OBDII USA/Canada			W
	Thermoelement, 3-way catalytic converter TWC (Japan)			W-SB (OR-SB)
52	Data Link Connector DLC OBDII, ground point, USA/Canada	(-)		BN
	Thermoelement, 3-way catalytic converter TWC (Japan)			
53	Cigar lighter, supply	(X+)		Y-VO

*) Only RHD cars

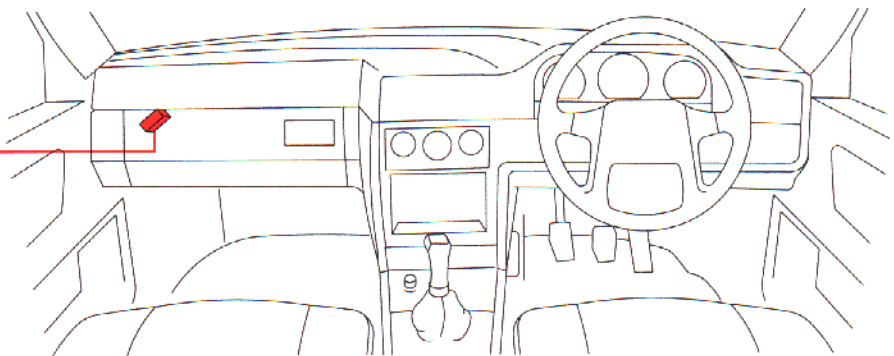
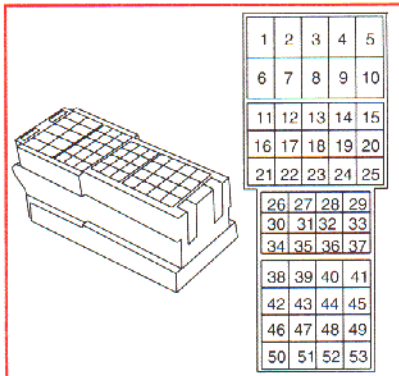
**) Only LHD cars

Connector 24/3 (53-pin)

RHD cars: 53-pin

Firewall harness - left rocker (door sill) panel harness

Pos. 1-25 right-hand drive cars only



Pos	To/From		Via ***)	Color
1	Power seat, left, supply	(30+)		GN-R
2	-			
3	-			
4	-			
5	Heated rear window	(+)	24/25:1	Y-R
6	Power antenna	(30+)		GR-R
7	-			
8	-			
9	-			
10	-			
11	Bulb failure warning sensor, rear Parking lights/tail lights, left and right License plate lighting	(+)	24/25:11	W
12	Bulb failure warning sensor, rear Supply, warning function Parking light rear, left and right	(+)		GR
13	Bulb failure warning sensor, rear Brake lights, left/right and high-level brake light	(+)		Y
14	Bulb failure warning sensor, rear	(-)		GN-W
15	Bulb failure warning sensor, rear, supply	(15I+)		BL-Y
16	Backup (reversing) lights, left and right	(+)		BL
17	Rear fog light, right	(+)		VO-W
18	Turn signal, left rear	(+)		GN
19	Turn signal, right rear	(+)		BL-GN
20	Lock, trunk/tailgate, unlocking signal	(-)	24/25:6	GN-BN
21	Tailgate wash/wipe motor, supply	(X+)	24/25:9	BL-OR (Y-VO)
22	Tailgate wash/wipe motor, control signal	(+)	24/25:8	OR-SB (GN-OR)
23	Trunk/tailgate lighting Lock, trunk/tailgate lid, microswitch	(-)	24/25:13	BL-BN
24	-			
25	-			

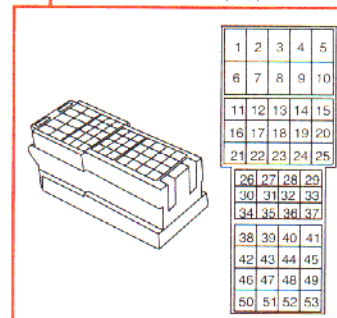
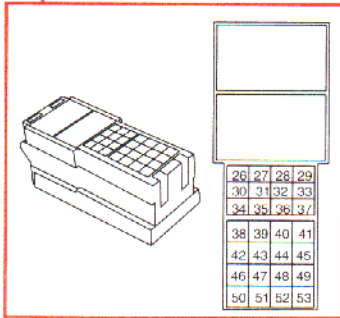
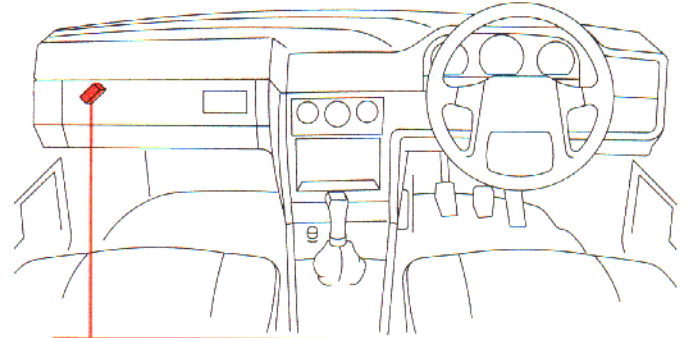
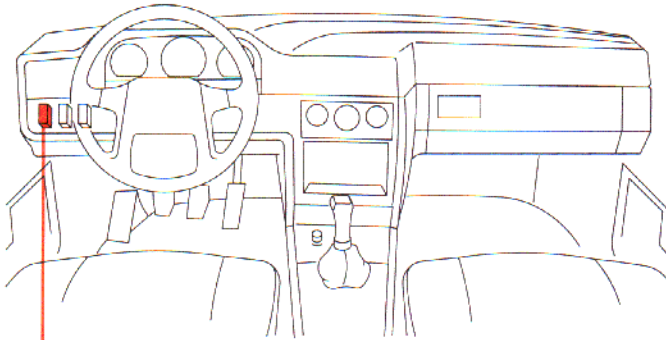
***) Only 5-door cars

Connector 24/3

LHD cars: pos. 26-53 in 53-pin

RHD cars: 53-pin

Firewall harness - left rocker (door sill) panel harness

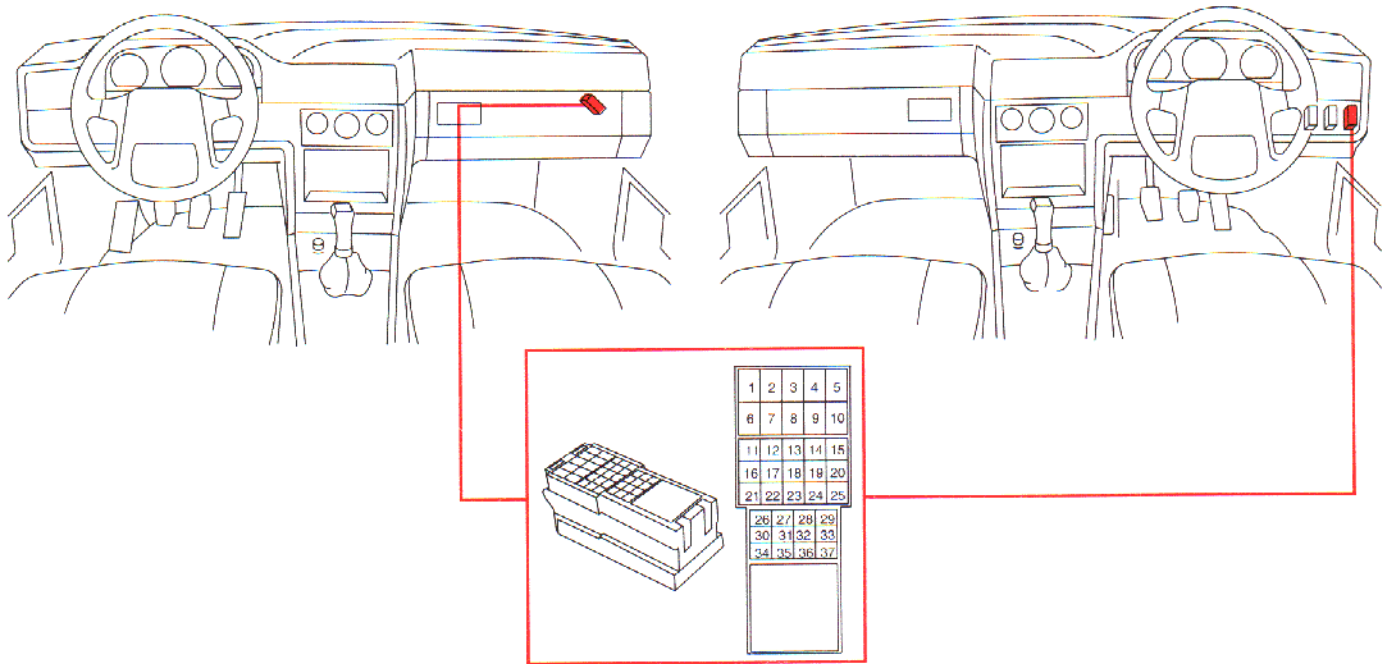


Pos	To/From		Via	Color
26	-			
27	Heated seat, left	(+)	24/21:1	Y-R
28	Seat belt lock, left seat	(-)	24/21:6	GR-SB
29	Power seat, left, supply	(X-)		Y-VO
30	Lock, left rear door, open-door warning	(-)	24/17:11	Y-W
31	Lock, left rear door, open-door warning lamp supply Trunk lighting supply	(30+)	24/17:4 24/17:4	R
32	Loudspeaker, rear shelf, left D-post Loudspeaker, left rear door	(+)	24/17:1	BN-W
33	Loudspeaker, rear shelf, left D-post Loudspeaker, left rear door	(-)	24/17:2	BN-SB
34	Power antenna	(+)		BL-W
35	Branching point 23/400 central lock, Unlocking M- Lock motor, left rear Lock motor, trunk lid Lock motor, tank cap	(+/-)	24/17:8 24/25:3 ***)	Y-BN
36	Branching point 23/401 central lock, Locking M- Lock motor, left rear Lock motor, trunk lid Lock motor, tank cap	(-/+)	24/17:9 24/25:4 ***)	Y
37	Lock, trunk, lock signal	(-)	24/25:5 ***)	Y-GR
38	Power window switch, left rear door	(+/-)	24/17:7	GN-GR
39	Power window switch, left rear door	(/-)	24/17:10	R-SB
40	Power window switch, on/off left rear door	(+)	24/17:3	GR-R
41	Thermostat, left rear seat	(+)		VO-W
42	Lock motor, rear door, deadlock		24/17:6	VO
43	-			
44	-			
45	Power seat, left, on-board diagnostic system (OBD)			BN-OR
46	Seat belt tensioner, left side igniter	(+)		BL-R
47	Seat belt tensioner, left side igniter	(-)		BL-W
48	Loudspeaker, right D-post ***)	(+)		P-W
49	Loudspeaker, right D-post ***)	(-)		P-SB
50	-			
51	-			
52	-			
53	-			

***) Only 5-door cars

Connector 24/4, pos. 1-37 (53-pin)

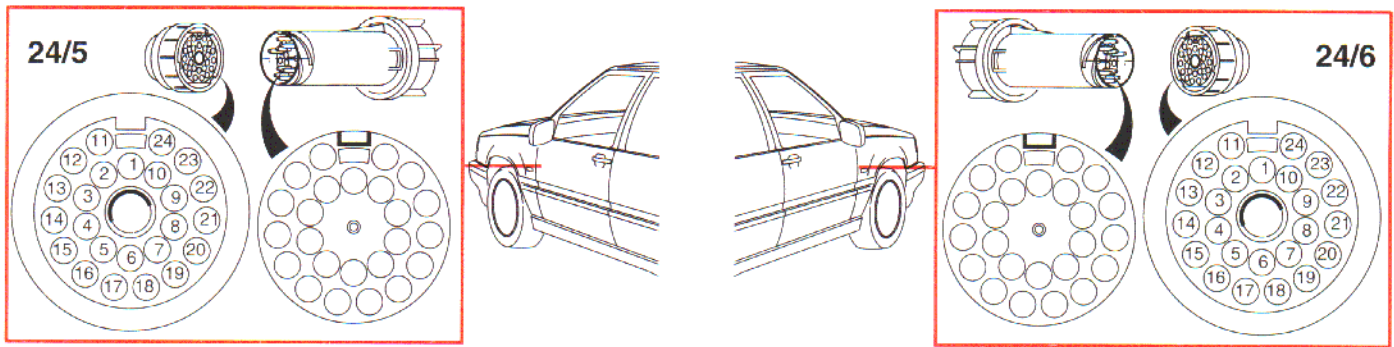
Firewall harness - right rocker (door sill) panel harness



Pos	To/From		Via	Color
1	Power seat, right, supply	(30+)		GN
2	Power window switch, right rear door	(+/-)	24/18:7	GN-W
3	Power window switch, right rear door	(-/+)	24/18:10	GN-Y
4	Power window switch, ON/OFF rear door	(+)	24/18:3	GR-R
5	-			
6	Lock, M+, right rear door, unlocking	(+/-)	24/18:8	Y-BN
7	Lock, M-, right rear door, locking	(-/+)	24/18:9	Y
8	Lock, rear door, deadlock		24/18:6	VO
9	-			
10	-			
11	Fuel pump , supply	(+)		P
12	Fuel level sensor	(variable signal)		Y-GR
13	Fuel level sensor	(-)		Y-R
14	Loudspeaker, rear shelf, right Loudspeaker, right rear door	(-)	24/18:1	P-W
15	Loudspeaker, rear shelf, right Loudspeaker, right rear door	(-)	24/18:2	P-SB
16	Seat belt lock, right seat	(-)	24/22:6	GR-SB
17	-			
18	Lock, right rear door, supply open-door warning lamp	(30+)	24/18:4	R
19	Lock, right rear door, "open-door warning"	(-)	24/18:11	Y-W
20	-			
21	Heated seat, right	(+)	24/22:1	GN-BN
22	ABS sensor, left rear	(variable signal)	24/19:1	GN-R
23	ABS sensor, left rear	(-)	24/19:3	GN-Y
24	ABS sensor, right rear	(variable signal)	24/19:2	GN-W
25	ABS sensor, right rear	(-)	24/19:4	GN-SB
26	-			
27	-			
28	Power seat, supply	(X+)		Y-VO
29	Power seat, on-board diagnostic system (OBD)			BN-OR
30	Thermostat, right rear seat	(+)		BL-W
31	-			
32	-			
33	-			
34	Seat belt tensioner, right igniter	(+)		BL-R
35	Seat belt tensioner, right igniter	(-)		BL-W
36	-			
37	-			

Connector 24/5

Connector 24/6



Connector 24/5 (24-pin). Firewall harness - Left front door harness

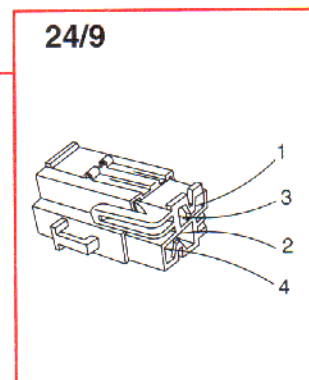
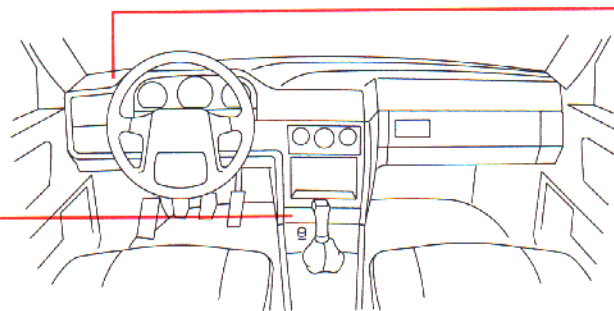
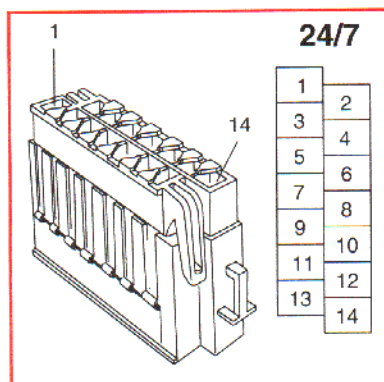
Pos	To/From		Color
1	Lock, supply open-door warning lamp	(30+)	R
2	Lock, "open-door warning"	(-)	Y-W
3	-		
4	Lock unit, deadlock position		VO
5	Door loudspeaker	(+)	GN-W
6	Lock unit, ground connection Door mirror, heating coil ground point	(-)	SB
7	Door loudspeaker	(-)	GN-BN
8	-		
9	-		
10	Lock, entry lighting and key-warning	(-)	W-SB
11	Lock, deadlock/anti-theft alarm (microswitch)	(-)	BL-BN
12	-		
13	Power window motor	(+/-)	BL-GN
14	Lock unit, unlocking M+	(+/-)	Y-BN
15	Lock unit, locking M-	(-/+)	Y
16	Lock, unlocking signal	(-)	GR-R
17	Lock, locking signal	(-)	Y-GR
18	Door mirror heating coil, supply	(+)	Y-R
19	Power door mirror, horizontal adjustment	(+/-)	GR
20	Power door mirror, vertical/horizontal adjustment	(-/+)	BN-W
21	Power door mirror, vertical adjustment	(+/-)	BN-SB
22	Power window motor	(-/+)	GN
23	-		
24	-		

Connector 24/6 (24-pin). Firewall harness - Right front door harness

Pos	To/From		Color
1	Lock, supply open-door warning lamp	(30-)	R
2	Lock, "open-door warning"	(-)	Y-W
3	-		
4	Lock unit, deadlock position		VO
5	Door loudspeaker	(+)	R-W
6	Lock unit, ground connection Door mirror, heating coil ground point	(-)	SB
7	Door loudspeaker	(-)	R-SB
8	-		
9	-		
10	Lock, entry lighting	(-)	Y-SB
11	Lock, deadlock/anti-theft alarm (microswitch)	(-)	BL-BN
12	-		
13	Power window motor	(+/-)	BL-W
14	Lock unit, unlocking motor M+	(+/-)	Y-BN
15	Lock unit, locking motor M-	(-/+)	Y
16	Lock, unlocking signal	(-)	BL-P
17	Lock, locking signal	(-)	Y-GR
18	Heated door mirror, supply	(+)	Y-R
19	Power door mirror, horizontal adjustment	(+/-)	GR
20	Power door mirror, vertical/horizontal adjustment	(-/+)	BN-W
21	Power door mirror, vertical adjustment	(+/-)	BN-SB
22	Power window motor	(-/+)	W
23	-		
24	-		

Connector 24/7 (14-pin) Firewall harness - Tunnel harness

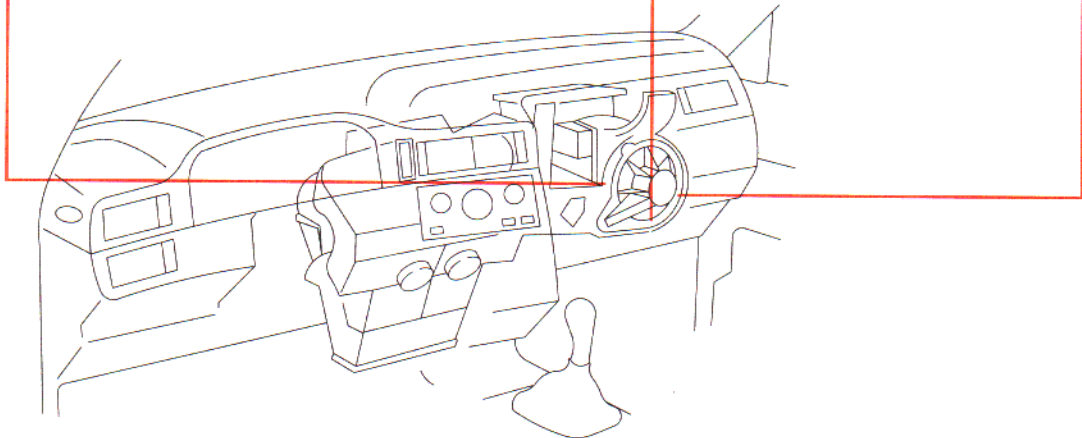
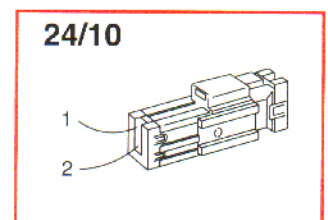
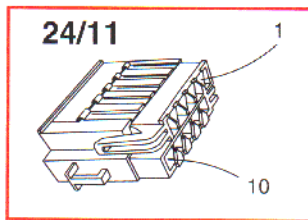
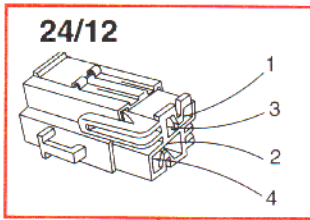
Pos	To/From		Color
1	Branching point 23/503, supply Switch, heated seat, left Switch, heated seat, right Switch, left power door mirror Switch, right power door mirror	(15I+)	BL-Y
2	Switch, left power door mirror, horizontal adjustment	(+/-)	GN-GR
3	Switch heated seat, left	(+)	Y-R
4	Switch, left power door mirror, horizontal/vertical adjustment	(-/+)	GN-R
5	Switch heated seat, right	(+)	GN-BN
6	Switch heated seat, left, control lighting variable supply Switch heated seat, right, control lighting variable supply Ashtray lighting, rear, variable supply	(+)	P
7	Left power door mirror switch, vertical adjustment	(+/-)	GN-Y
8	Right power door mirror switch, horizontal adjustment	(+/-)	GR
9	Right power door mirror switch, horizontal/vertical adjustment	(-/+)	BN-W
10	Right power door mirror switch, vertical adjustment	(+/-)	BN-SB
11	Program selector MS1 (Automatic transmisson)	(-)	BN-GR
12	Program selector MS2 (Automatic transmisson)	(-)	GN-OR
13	Program selector W (Automatic transmisson)	(+)	GR-OR
14	Branching point 23/502, ground, Program selector (Automatic transmisson) Switch, heated seat, left Switch, heated seat, right Switch, left power door mirror Switch, right power door mirror Lighting, rear ashtray	(-)	SB



Connector 24/9 (4-pin) Firewall harness - Roof harness

Pos	To/From		Color
1	Courtesy light, supply	(30+)	R
2	Courtesy light, delayed inner lighting	(-)	P-SB
3	Courtesy light (Seat belt reminder)	(-)	GR
4	Courtesy light, ground point Reading light, left rear Reading light, right rear		SB

Connectors 24/10, 24/11, 24/12



Connector 24/10 (2-pin), Firewall harness - Blower fan / A/C harness

Pos	To/From		Color
1	Blower fan relay, max, supply Branching point 23/309, ECC supply Blower fan Blower fan, power stage	(30+)	R
2	Branching point 23/304, ground A/C Blower fan relay, max REC and A/C switch Recirculation servomotor Lighting, A/C Blower fan ECC control module Blower fan, power stage Cabin temperature sensor, driver and passenger side	(-)	SB

Connector 24/11 (10-pin), Firewall harness - A/C harness

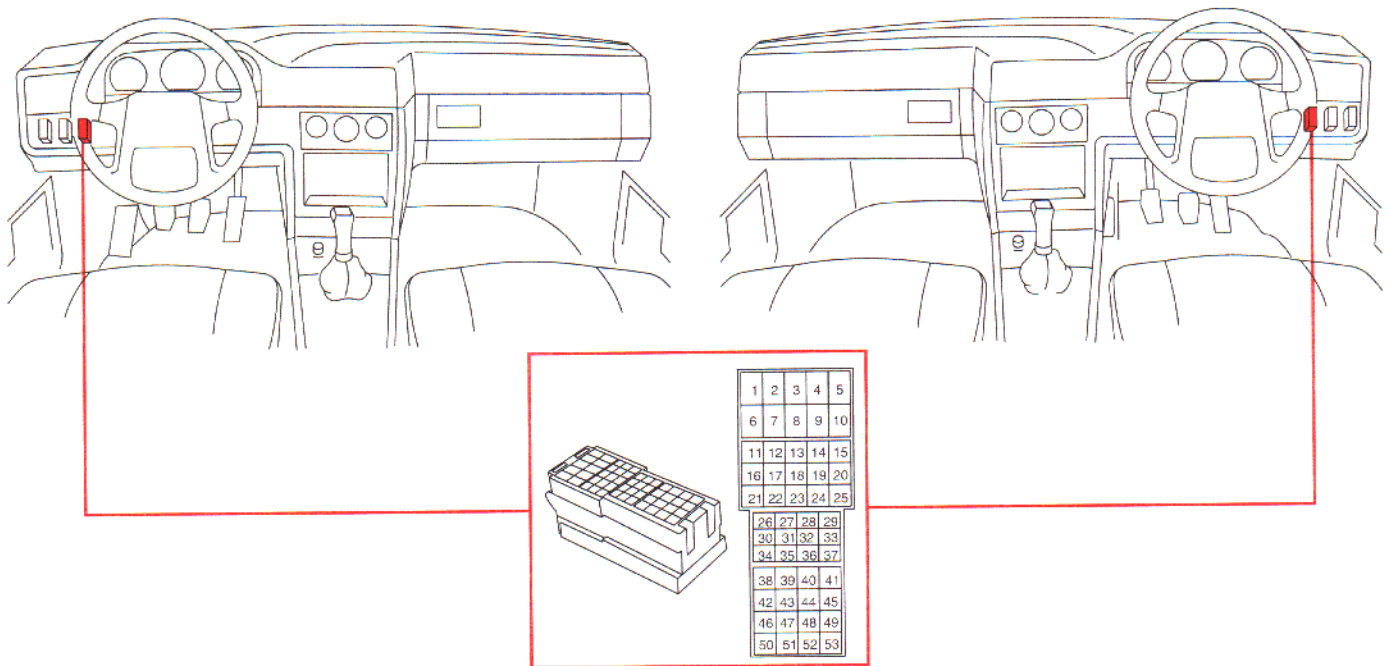
Pos	To/From		Color
1	ECC module, supply	(D+)	R-W
2	A/C relay (A/C-off from control module (EZK) (DI) (Fenix 5.2) (MFI) or Motronic 4.3	(-)	BL-SB
3	A/C relay (A/C-off to control module (EZK) (DI) (Fenix 5.2) (MFI) or Motronic 4.3	(+)	BL-GR
4	ECC control module, on-board diagnostic system (OBD)		GN-BN
5	ECC control module, engine temp-signal	(variable signal)	GN-GR
6	ECC control module, speed signal 58/pulses wheel revolution	(pulse frequency)	GR-W
7	-		
8	-		
9	-		
10	ECC control module, ground connection *)	(-)	GR-SB

Connector 24/12 (4-pin), Firewall harness - Heater fan / A/C harness

Pos	To/From		Color
1	Branching point 23/305, A/C unit supply Blower fan switch REC and A/C switch Recirculation servomotor ECC control module A/C relay Blower fan relay, max	(X+)	Y-VO
2	A/C lights, variable supply ECC control module lights, variable supply	(+)	P
3	-		
4	-		

*) Only RHD cars

Connector 24/13 (53-pin) Engine compartment harness- Instrument panel harness

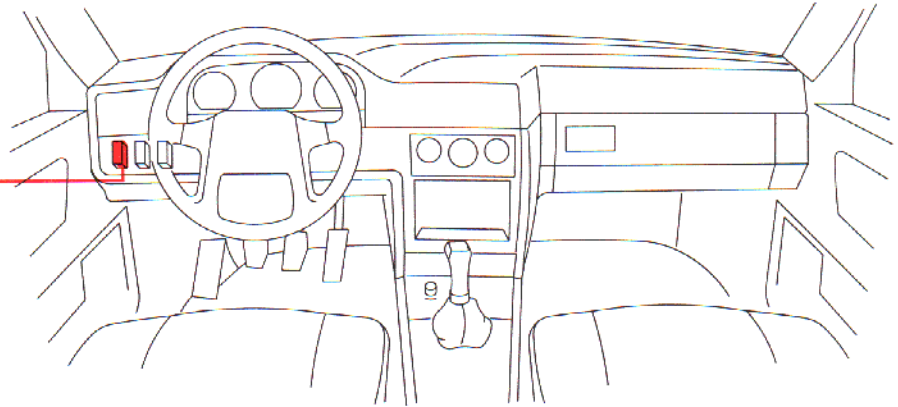
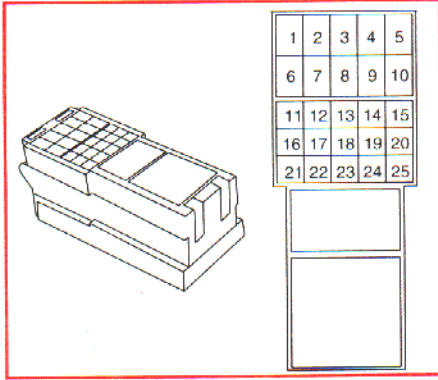


Pos	To/From		Color
1	Branching point 23/301, ground Light switch Rheostat for control lighting Switch, rear fog lights Combined instrument Headlight flasher relay Switch, power sunroof Ashtray lighting, front Switch, heated rear window and door mirrors Radio Glove box lighting LED alarm warning Remote-controlled central locking/alarm TRACS switch SRS, passenger side Connector, 8-pin, accessories, A:8	(-)	SB
2	Headlight flasher relay, supply TRACS switch, supply	(15I+)	BL-GR BL-Y
3	Headlight flasher relay, supply Headlight flasher relay, supply	(30+) (30+)	R R
4	Connector, 8-pin, accessories, A:1 Connector, 1-pin, accessories	(30+)	R
5	Light switch, supply	(15I+)	BL-Y
6	Connector, 8-pin, accessories; pos. A:7 (early version) Switch, front fog light (late version)	(-)	GN-OR BN-P
7	Combined instrument, oil level warning light	(+)	BN-P
8	TRACS switch	(-)	GN
9	Light switch, signal automatic low beam		GN-R
10	Radio (+BATT), supply	(30+)	R-SB
11	Switch, heated rear window and door mirrors	(-)	BL-SB
12	Switch, heated rear window and door mirrors	(+)	Y-R
13	Main light switch Rear fog light switch, supply	(+)	Y
14	Light switch, Parking lights Rheostat Connector, 8-pin, accessories, A:5	(+)	W
15	Light switch, supply Combined instrument, supply	(30+)	R-SB

Connector 24/14 (pos 1-25 in 53-pin) Engine compartment harness - Door sill harness, left, at left A-post

LHD cars only

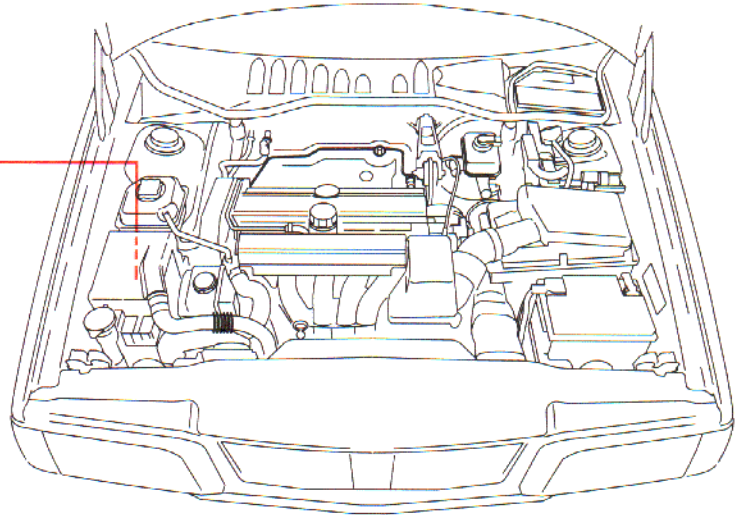
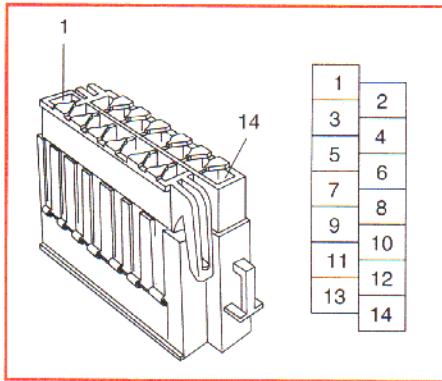
In RHD cars, connector 24/14 corresponds to 24/3, pos. 1-25 owing to different wiring routing. See page 29.



Pos	To/From		Via ***)	Color
1	Power seat, left, supply	(30+)		GN-R
2	-			
3	-			
4	-			
5	Heated rear window	(+)	24/25:1	Y-R
6	Power antenna	(30+)		GR-R
7	-			
8	-			
9	-			
10	-			
11	Bulb failure warning sensor, rear Parking lights/tails lights left and right License plate lighting	(+)	24/25:11	W
12	Bulb failure warning sensor, rear Supply, warning function Parking left 2 left and right	(+)		GR
13	Bulb failure warning sensor, rear Brake lights, left/right and high-level brake light	(+)		Y
14	Bulb failure warning sensor, rear	(-)		GN-W
15	Bulb failure warning sensor, rear, supply	(15l+)		BL-Y
16	Backup (reversing) lights, left and right	(+)		BL
17	Rear fog light, left	(+)		VO-W
18	Turn signal, left rear	(+)		GN
19	Turn signal, right rear	(+)		BL-GN
20	Lock, trunk (boot) lid, unlocking signal	(-)	24/25:6	GN-BN
21	Tailgate wiper motor, supply	(X+)	24/25:9	Y-VO
22	Tailgate wiper motor, control signal	(+)	24/25:8	GN-OR
23	Trunk (boot) lighting Lock, trunk (boot) lid, microswitch	(-)	24/25:13	BL-BN
24	-			
25	-			

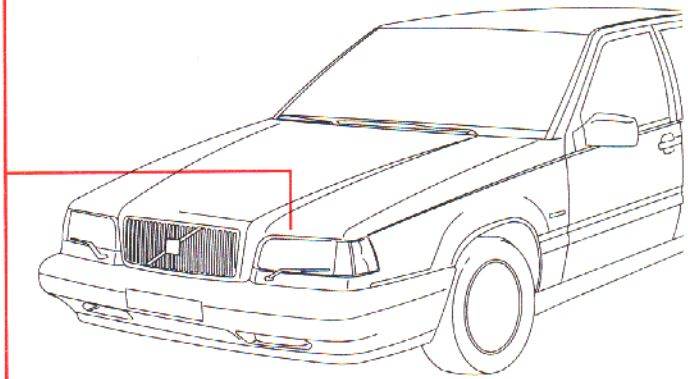
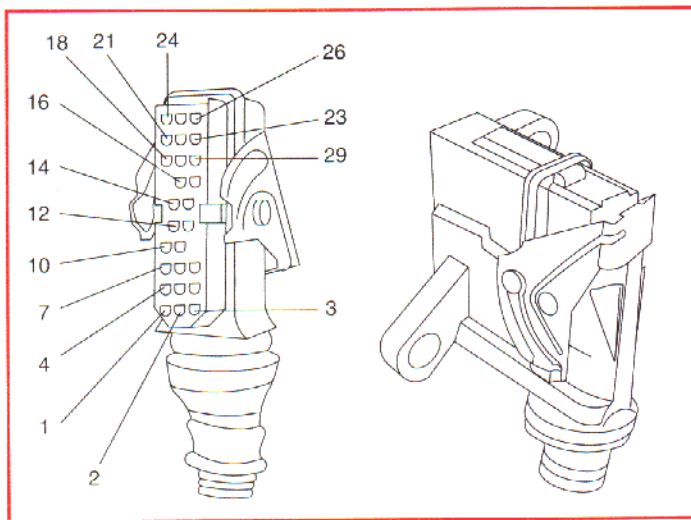
***) Only 5-door cars

Connector 24/15 (14-pin) Engine compartment harness - Engine harness



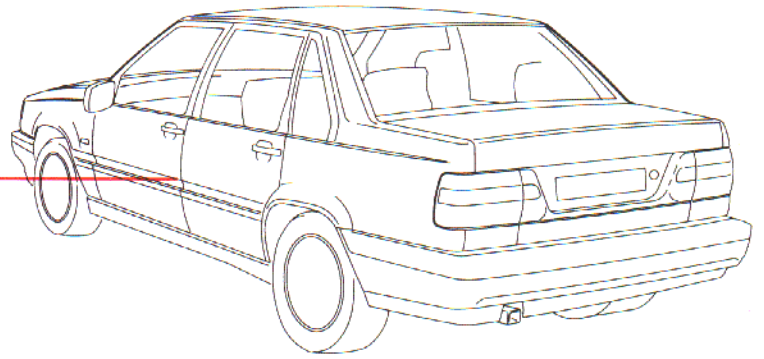
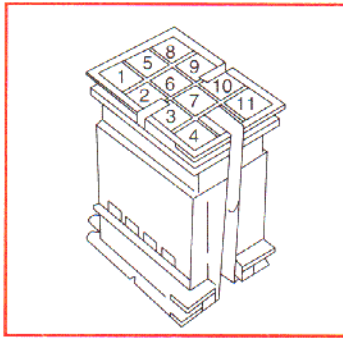
Pos	To/From		Color
1	Control module (EZ 129 K) (DI) , pos. A:30, supply Control module (LH 3.2) (MFI), pos. A:30 Control module, automatic transmission, pos. A:30 Control module (Fenix 5.2) (MFI), pos. A:12, supply Main relay, fuel system Control module, automatic transmission, pos. A:30 Control module, Motronic 4.3 SFI pos. A:12, supply Control module, automatic transmission, pos. A:30	(15+)	BL-R
2	Backup (reversing) light switch, supply (man. transmission) Transmission range sensor, pos. 9, supply (Automatic transmission)	(15I-)	BL-GR
3	Generator D+	(D+)	R-W
4	Oil pressure sensor	(-)	BN-SB
5	Speedometer	(variable pulse frequency)	Y-BN
6	Speedometer	(-)	GN-Y
7	Backup (reversing) light switch (man. transmission) Transmission range sensor, pos. 5 (Automatic transmission)	(+)	BL
8	Starter motor, pos. 50 (man. transmission) Transmission range sensor, pos. 6 (Automatic transmission)	(+)	GN-R
9	Solenoid switch A/C Control module (LH 3.2) (MFI), pos. A:25	(-)	GR
10	OBD II DLC, ground connection	(-)	BN
11	-		
12	-		
13	-		
14	Turbo control valve	(+)	BL-R (GN)

Connector 24/16 (26-pin) Engine compartment harness - Front harness Early version only



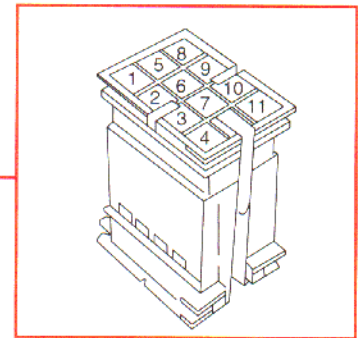
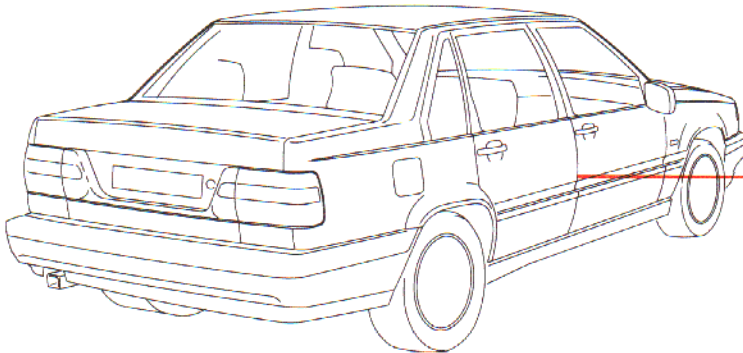
Pos	To/From		Color
1	Low beam, left	(+)	GN
2	Parking light, front left	(+)	W
3	High beam, right	(+)	BL-W
4	High beam, left	(+)	BL
5	Parking light, front right	(+)	GR
6	Low beam, right	(+)	GN-W
7	Beam width control actuator, supply	(X+)	OR-W
8	Left turn signal, front	(+)	GN
9	-		
10	Branching point 23/105, supply Horn1 and 2 Headlight wiper motors	(X+)	Y-VO
11	Right turn signal, front	(+)	BL-GN
12	-		
13	Branching point 23/107 Headlight wiper motors	(+)	Y-W
14	-		
15	Beam width actuator, control signal	(variable signal)	BL
16	-		
17	Branching point 23/104, horn 1 and 2	(-)	Y-SB
18	Branching point, 23/100, ground connection right Parking light, front right Right turn signal, front Headlamp motor, right	(-)	SB
19	-		
20	Branching point, 23/101, ground connection left Parking light, front left Left turn signal, front Headlamp motor, left	()	SB
21	-		
22	-		
23	-		
24	Main lights, left, ground connection	(-)	SB
25	Beam width control actuator, ground connections	(-)	OR-SB
26	Main lights, right, ground connection		SB

Connector 24/17 (11-pin) Door sill harness, left - Left rear door harness



Pos	To/From		Color
1	Door loudspeaker	(+)	BN-W
2	Door loudspeaker	(-)	BN-SB
3	Cut-off, power window motors, rear	(+)	GR-R
4	Lock, supply, open-door warning lamp	(30+)	R
5	Lock, ground connection	(-)	SB
6	Lock unit, deadlock position		VO
7	Power window switch, (from driver)	(+/-)	GN-GR
8	Lock module, unlocking M+	(+/-)	Y-BN
9	Lock module, locking M-	(-/+)	Y
10	Power window switch, (from driver)	(-/+)	R-SB
11	Lock, open-door warning	(-)	Y-W

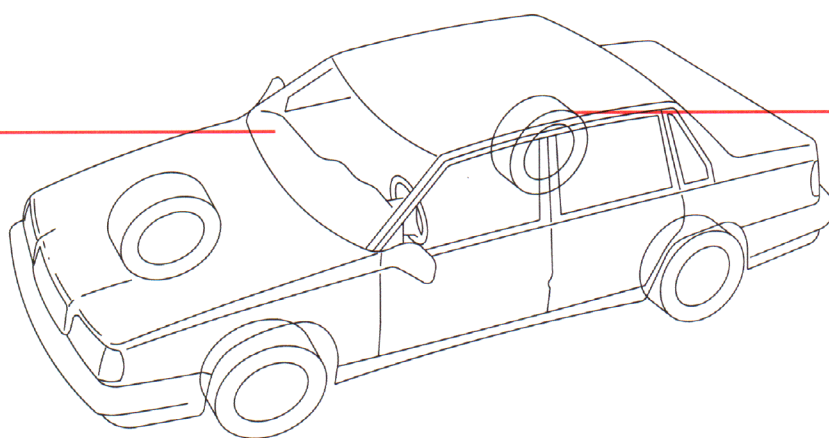
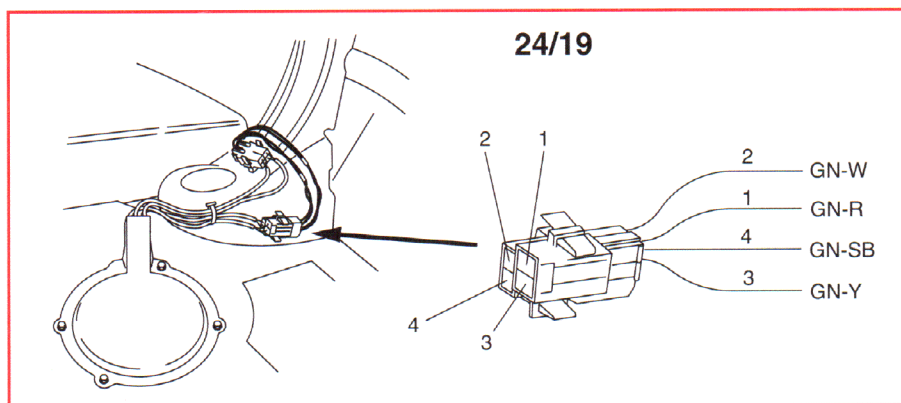
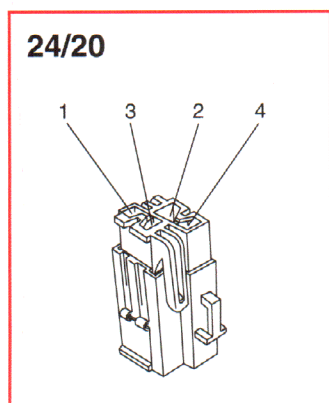
Connector 24/18 (11-pin) Door sill harness, right - Right rear door harness



Pos	To/From		Color
1	Door loudspeaker	(+)	BN-W
2	Door loudspeaker	(-)	BN-SB
3	Cut-off, power window motors, rear	(+)	GR-R
4	Lock, supply, open-door warning lamp	(30+)	R
5	Lock, ground connection	(-)	SB
6	Lock unit, deadlock position		VO
7	Power window switch, (from driver)	(+/-)	GN-GR
8	Lock module, unlocking M+	(+/-)	Y-BN
9	Lock module, locking M-	(-/+)	Y
10	Power window switch, (from driver)	(-/+)	R-SB
11	Lock, open-door warning	(-)	Y-W

Connector 24/19 (4-pin) Door sill harness, right - Rear wheel sensor harness

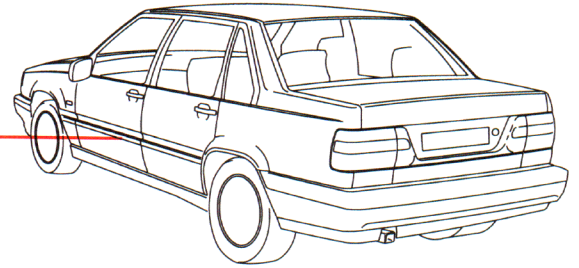
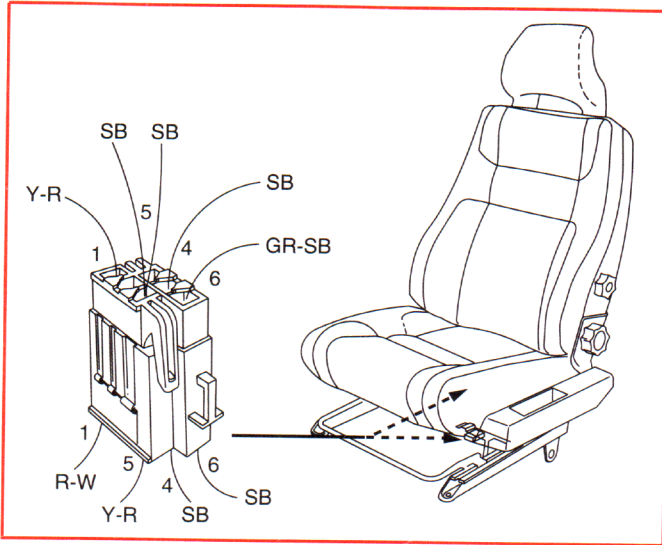
Pos	To/From	Color
1	ABS sensor, rear wheel, left (variable signal)	GN-R
2	ABS sensor, rear wheel, right (variable signal)	GN-W
3	ABS sensor, rear wheel, left (-)	GN-Y
4	ABS sensor, rear wheel, right (-)	GN-SB



Connector 24/20 (4-pin) Firewall harness - Power sunroof harness

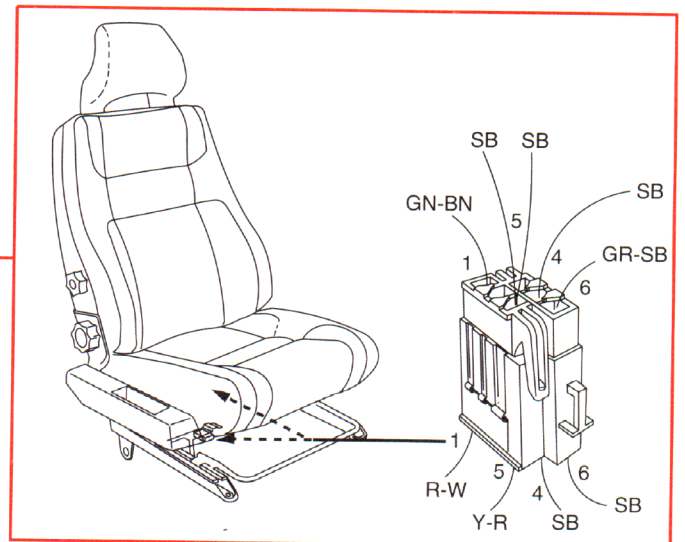
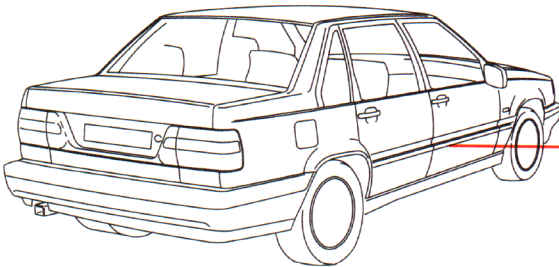
Pos	To/From	Color
1	Control module, power sunroof, supply (X+)	BL
2	Control module, power sunroof, signal forward (+)	GN
3	Control module, power sunroof, signal rearward (+)	W
4	Control module, power sunroof, ground connection (-)	SB

Connector 24/21 (6-pin) Door sill harness, left - Left seat harness



Pos	To/From		Color
1	Heated seat, heating coil	(+)	Y-R (R-W)
2	-		
3	-		
4	Seat belt lock, ground connection **)	(-)	SB
5	Heated seat, ground connection	(-)	SB (Y-R)
6	Seat belt lock **)	(-)	GR-SB (SB)

Connector 24/22 (6-pin) Door sill harness, right - Right seat harness

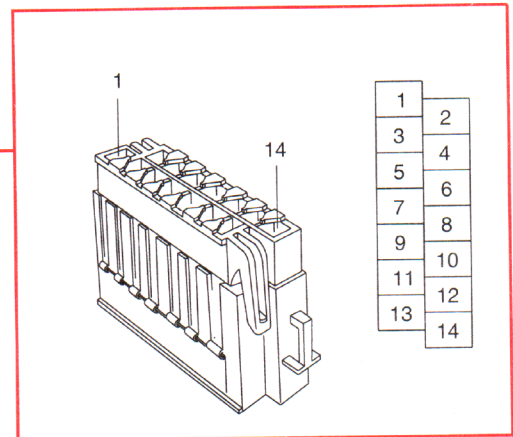
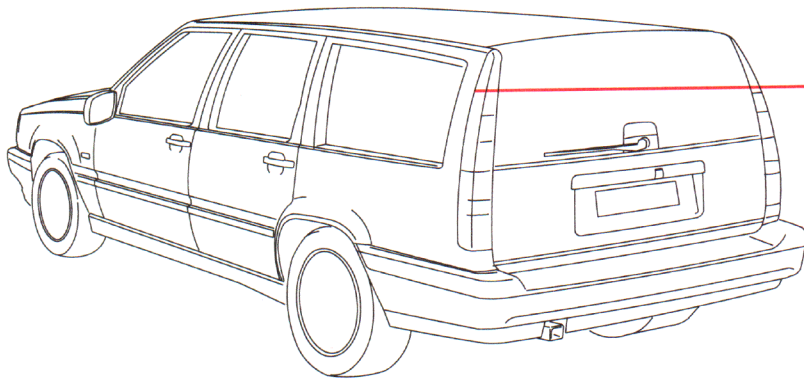


Pos	To/From		Color
1	Heated seat, heating coil	(+)	GN-BN (R-W)
2	-		
3	-		
4	Seat belt lock, ground connection *)	(-)	SB
5	Heated seat, ground connection	(-)	SB (Y-R)
6	Seat belt lock *)	(-)	GR-SB (SB)

*) Only RHD cars

***) Only LHD cars

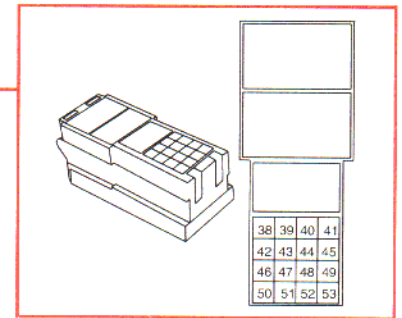
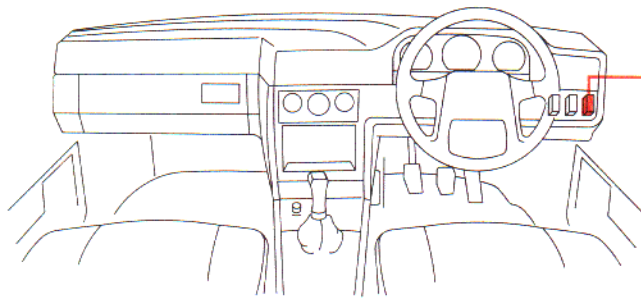
24/25 Connector, 14-pin Left door sill harness - tailgate harness



Pos.	To / From		Color
1	Heated rear window	(+)	Y-R
2	-		
3	Lock, trunk/tailgate, unlocking M+	(+/-)	Y-BN
4	Lock, trunk/tailgate, locking M-	(-/+)	Y
5	Lock, trunk/tailgate, locking signal	(-)	Y-GR
6	Lock, trunk/tailgate, unlocking signal	(-)	GN-BN
7	Rear window wiper motor, ground connection	(-)	OR-SB
8	Rear window wiper motor, control signal	(+)	GN-OR
9	Rear window wiper motor, supply	(X+)	Y-VO
10	Branching point 23/601, ground connection License plate light Extra brake light Lock, trunk/tailgate		SB
11	License plate light	(+)	W
12	High-level brake light	(+)	GR-SB
13	Lock, trunk/tailgate, microswitch	(-)	BL-BN
14	Heated rear window, ground connection	(-)	SB

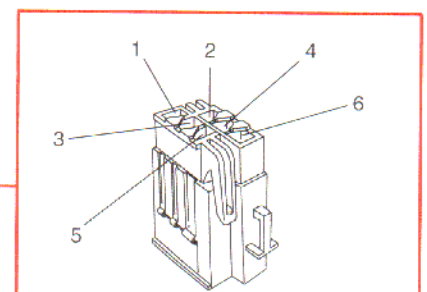
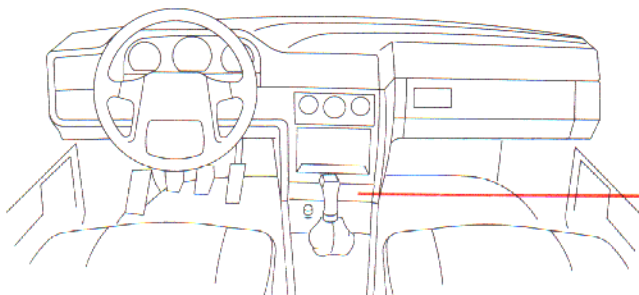
Connector 24/34 (pos. 38-53 in 53-pin) Engine room harness - firewall harness

Only RHD cars



Pos	To/From		Via	Color
38	Bulb failure warning sensor, rear Parking lights/tail lights left and right License plate lighting	(+)	24/3:11	W
39	Bulb failure warning sensor, rear Warning function supply Parking lights rear, left and right	(+)	24/3:12	GR
40	Bulb failure warning sensor, rear Brake lights, left/right and high-level brake light	(+)	24/3:13	Y
41	Bulb failure warning sensor, rear, warning sensor	(-)	24/3:14	GN-W
42	Bulb failure warning sensor, rear, supply	(15I+)	24/3:15	BL-Y
43	Backup (reversing) lights, left and right	(+)	24/3:16	BL
44	Rear fog light, right	(+)	24/3:17	VO-W
45	Turn signal, left rear	(+)	24/3:18	GN
46	Turn signal, right rear	(+)	24/3:19	BL-GN
47	Lock, trunk/tailgate, unlocking signal	(-)	24/3:20	GN-BN
48	Tailgate wash/wiper motor, supply	(X+)	24/3:21	Y-VO (BL-OR)
49	Tailgate wash/wiper motor, control signal	(+)	24/3:22	GN-OR (OR-SB)
50	Trunk/tailgate lighting Lock unit, trunk/tailgate, microswitch	(-)	24/3:23	BL-BN
51	-			
52	-			
53	-			

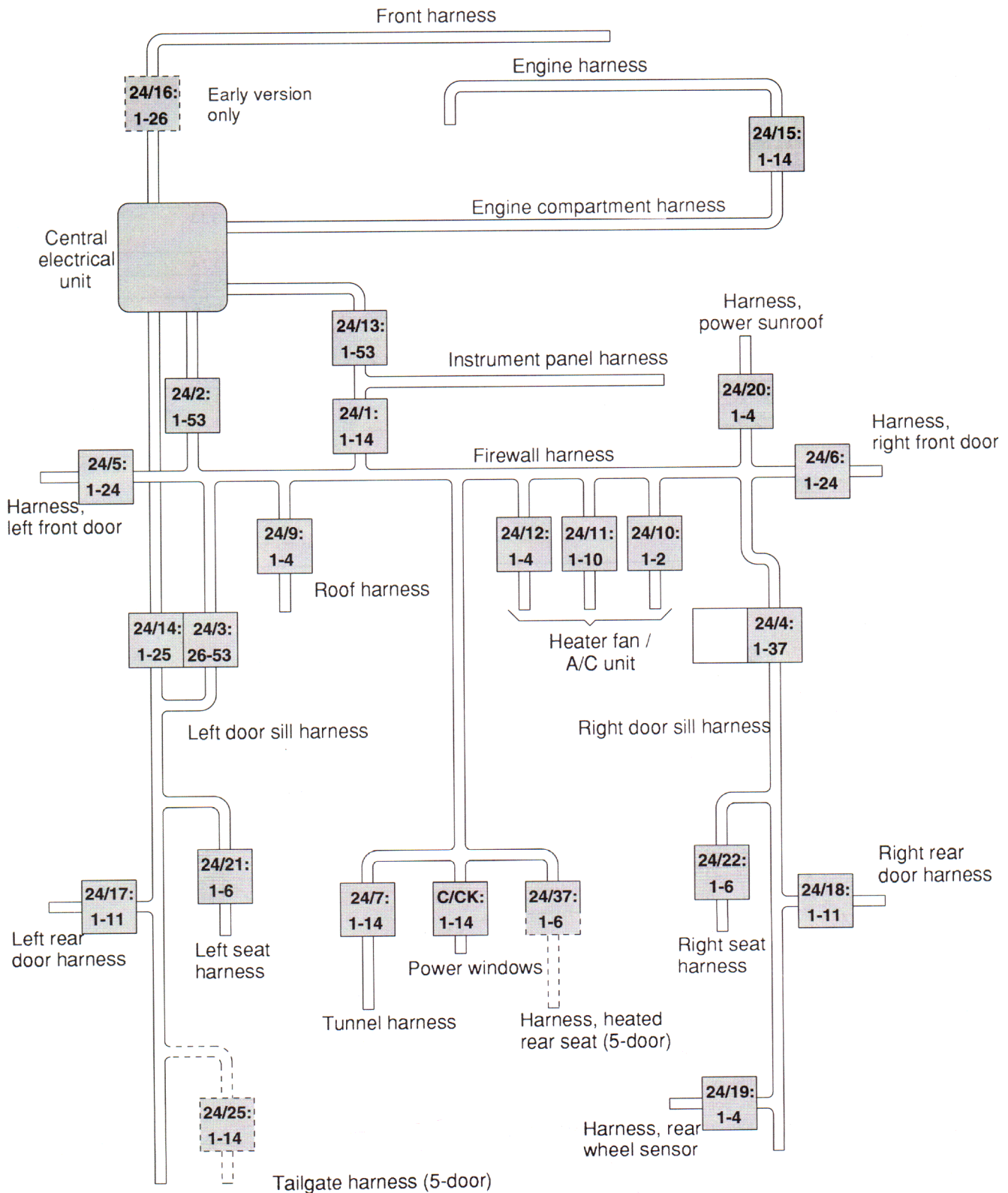
24/37 Connector, 6-pin Firewall harness - heated rear seat switch harness



Pos.	To / From		Color
1	Switch, heated rear seat, right side, pos. 2 Switch, heated rear seat, left side, pos. 2	(+)	P
2	Switch, heated rear seat, left side, pos. 1	(-)	R-W
3	Switch, heated rear seat, right side, pos. 1	(-)	BN-W
4	Switch, heated rear seat, left side, pos. 6	(+)	VO-W
5	Switch, heated rear seat, right side, pos. 6	(+)	BL-W
6	Switch, heated rear seat, right side, pos. 5, ground connection Switch, heated rear seat, left side, pos. 5, ground connection	(-)	SB

Wiring harnesses and connectors

Overview, LHD cars



Wiring harnesses and connectors

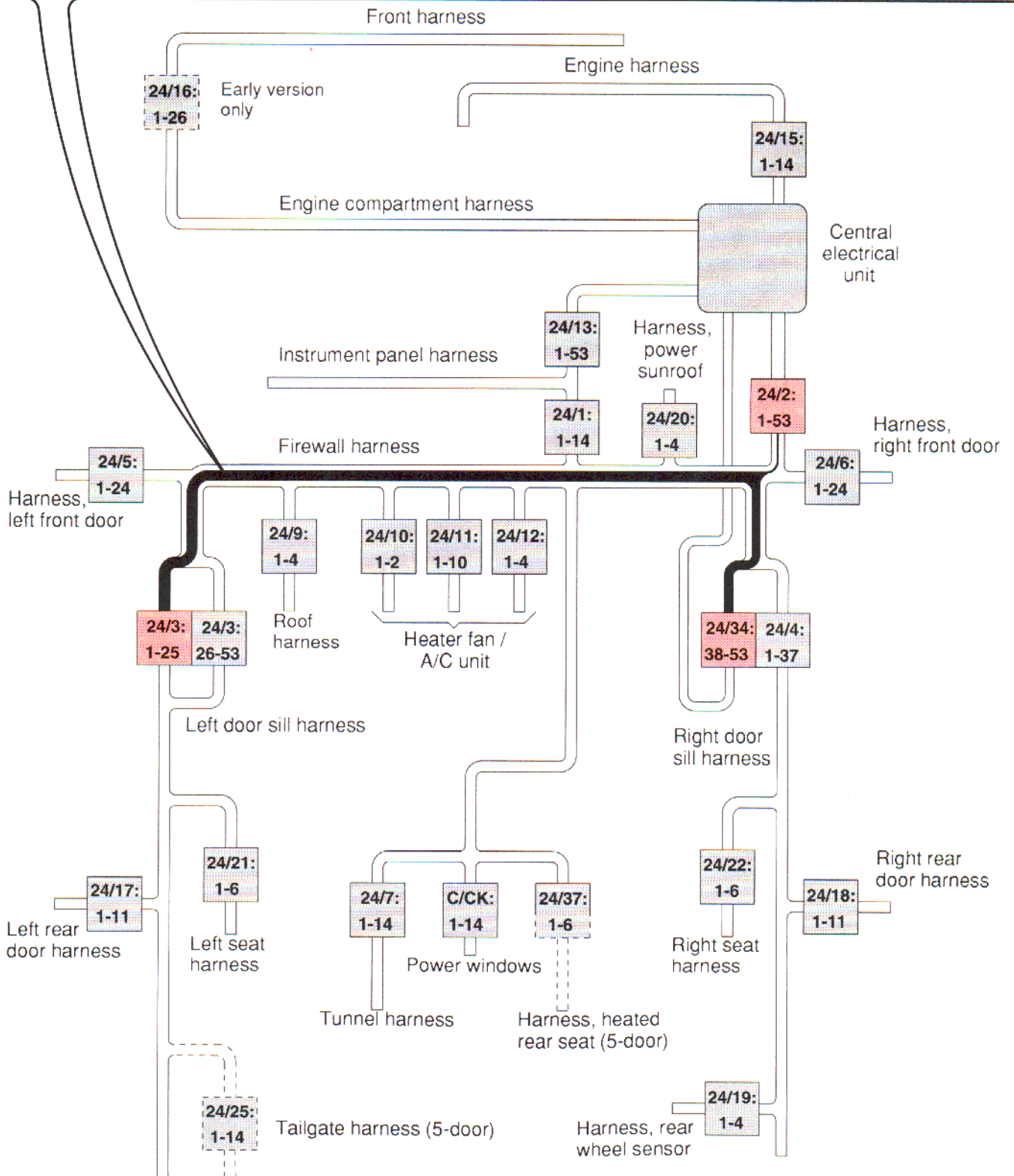
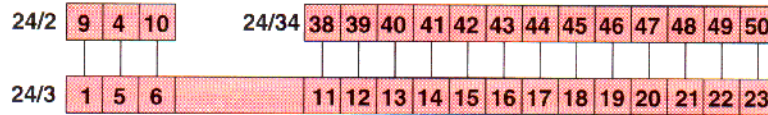
Overview, RHD cars

The direct connection between the engine compartment wiring harness and the door sill harness in LHD cars, corresponds to a connection via the firewall harness in RHD cars.

Connector 24/14 (LHD) corresponds to connector 24/3, pos. 1-25.

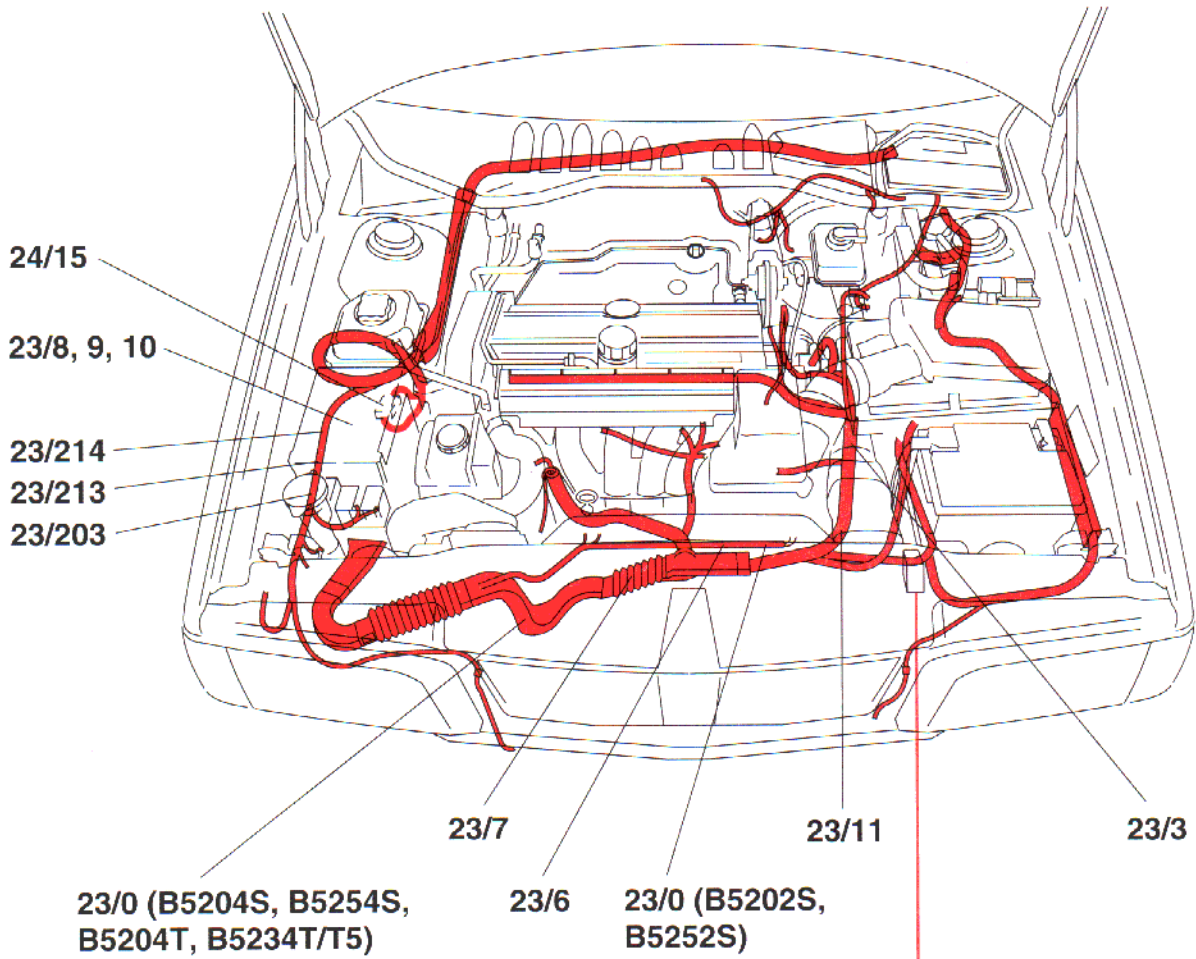
Furthermore, connectors 24/34 and some of the positions in connector 24/2 are used.

The diagram shows which connectors and which positions are connected to each other.

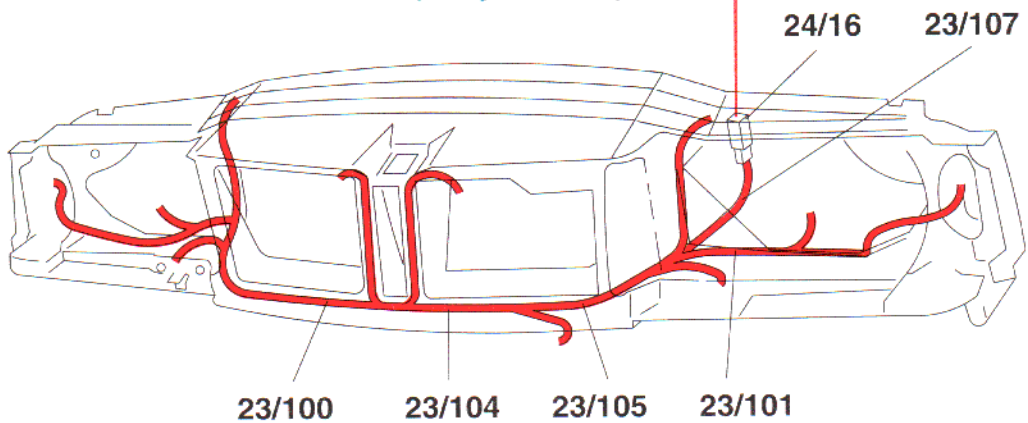


Routing of cable harness in the car

Engine compartment harness, engine harness (early version)
Engine harness

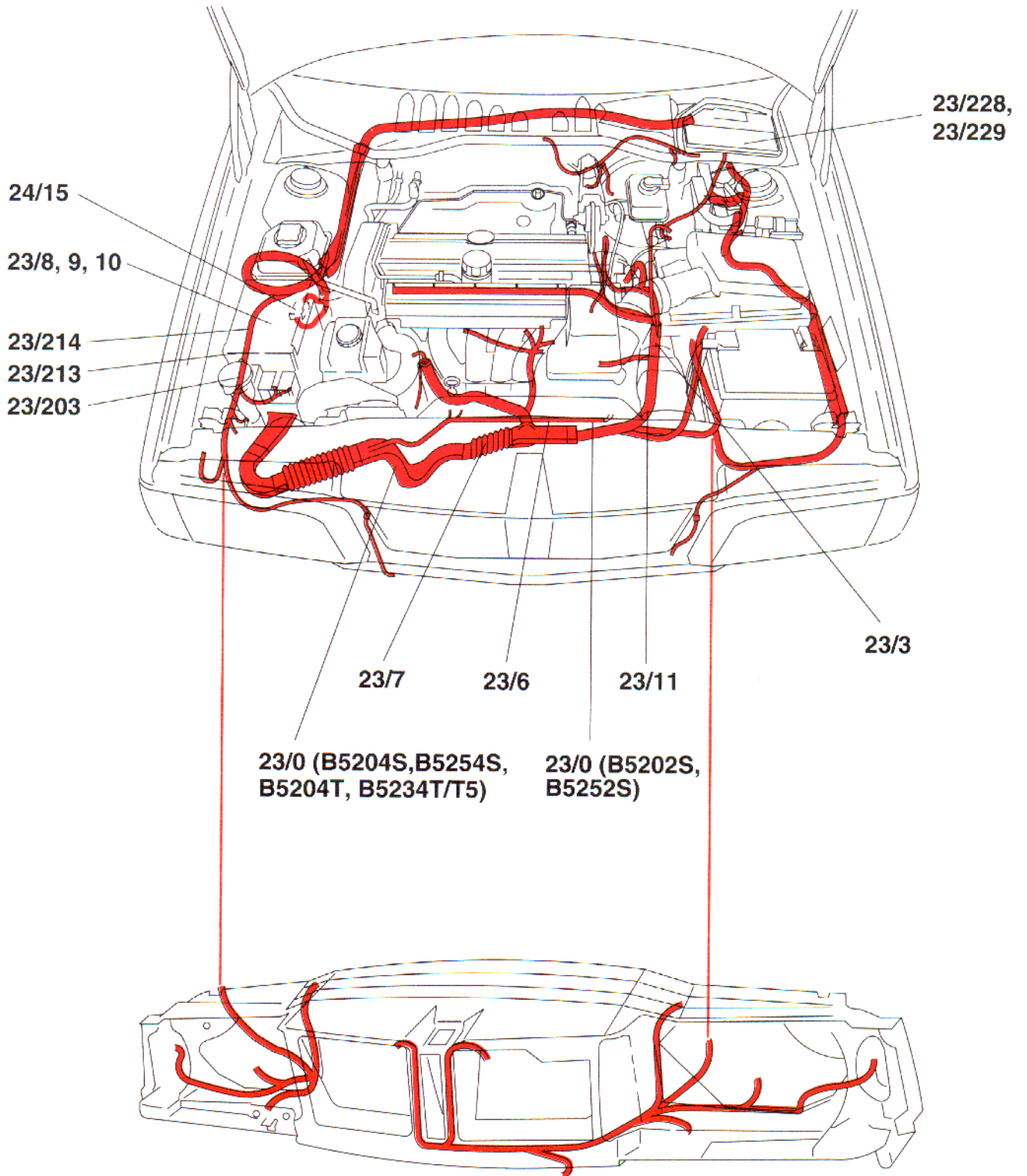


Front harness (early version)



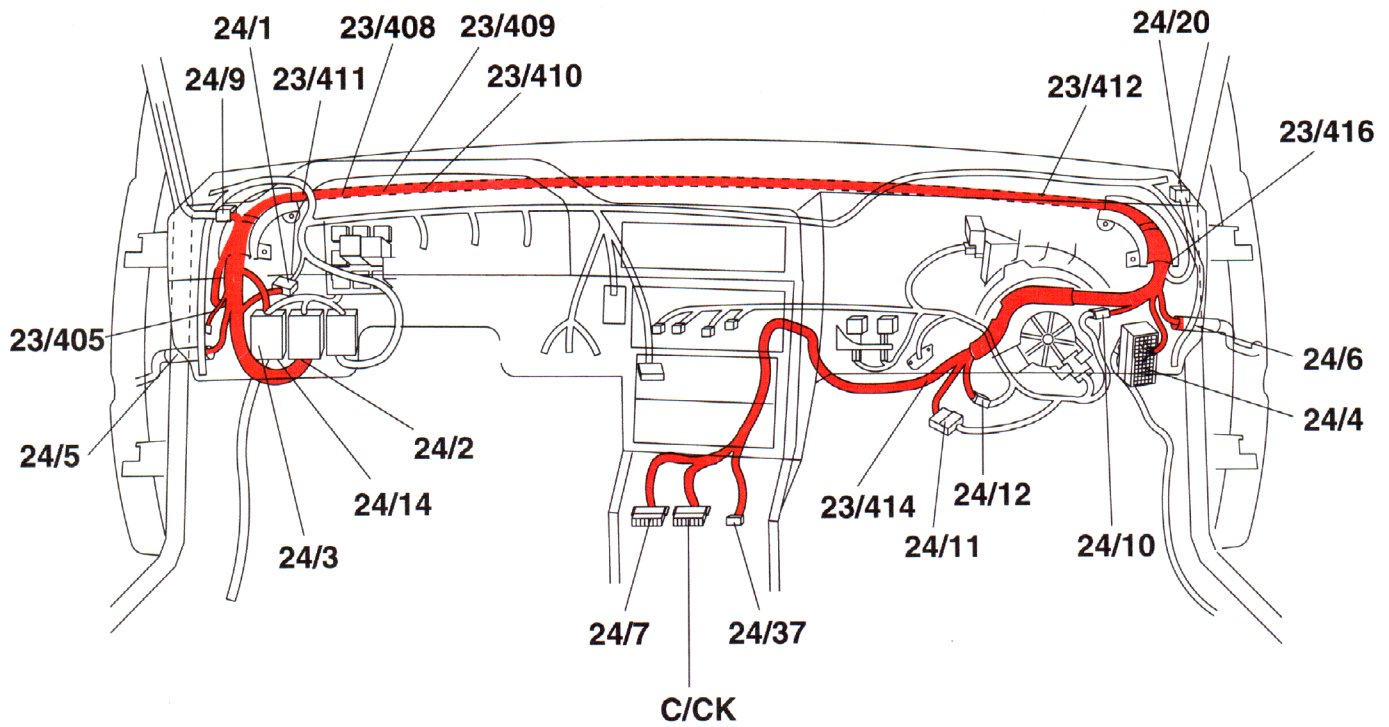
Routing of cable harness in the car

Engine compartment harness, engine harness (late version)
Engine harness

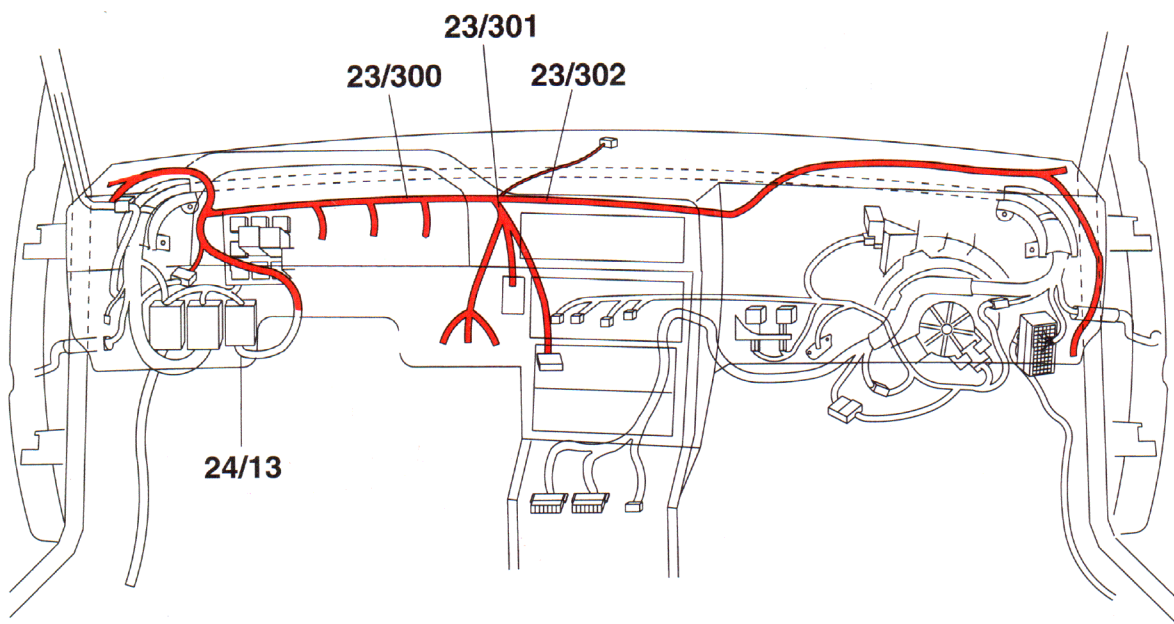


Routing of cable harness in the car

Firewall harness

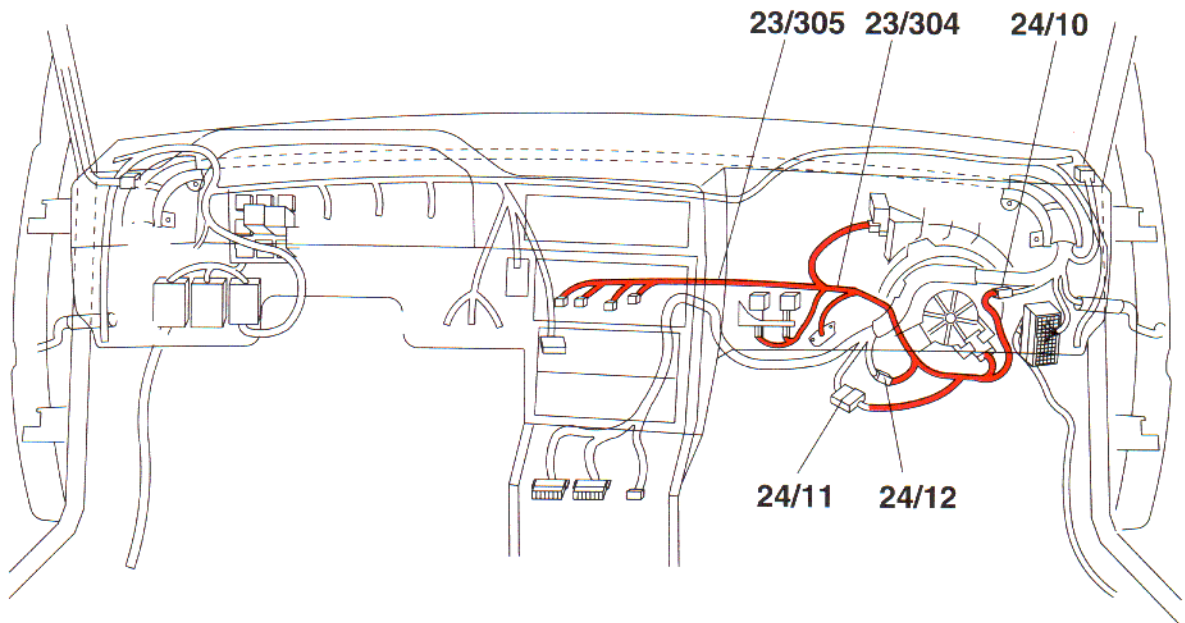


Instrument panel harness

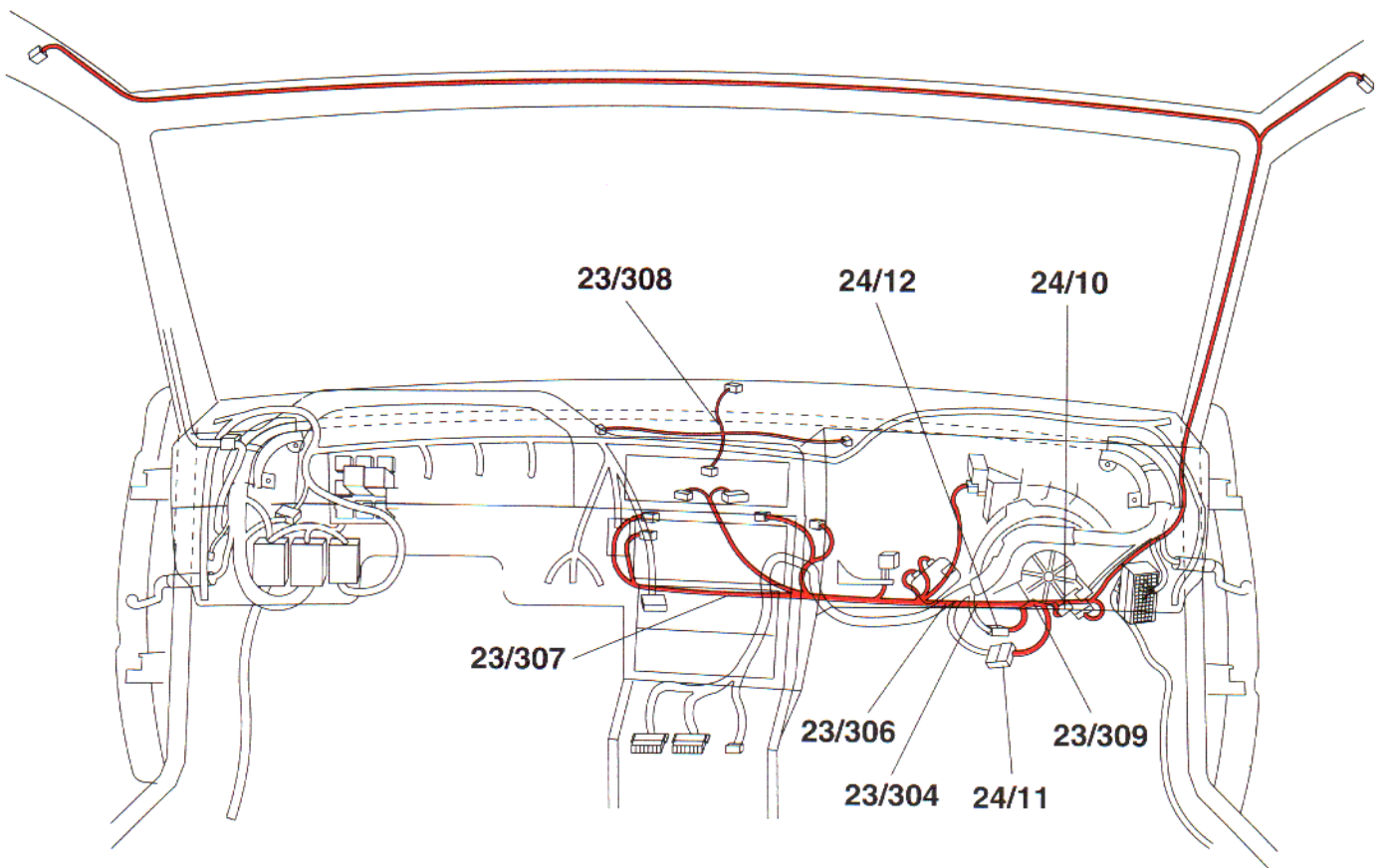


Routing of cable harness in the car

Harness blower fan/climate unit (not ECC)

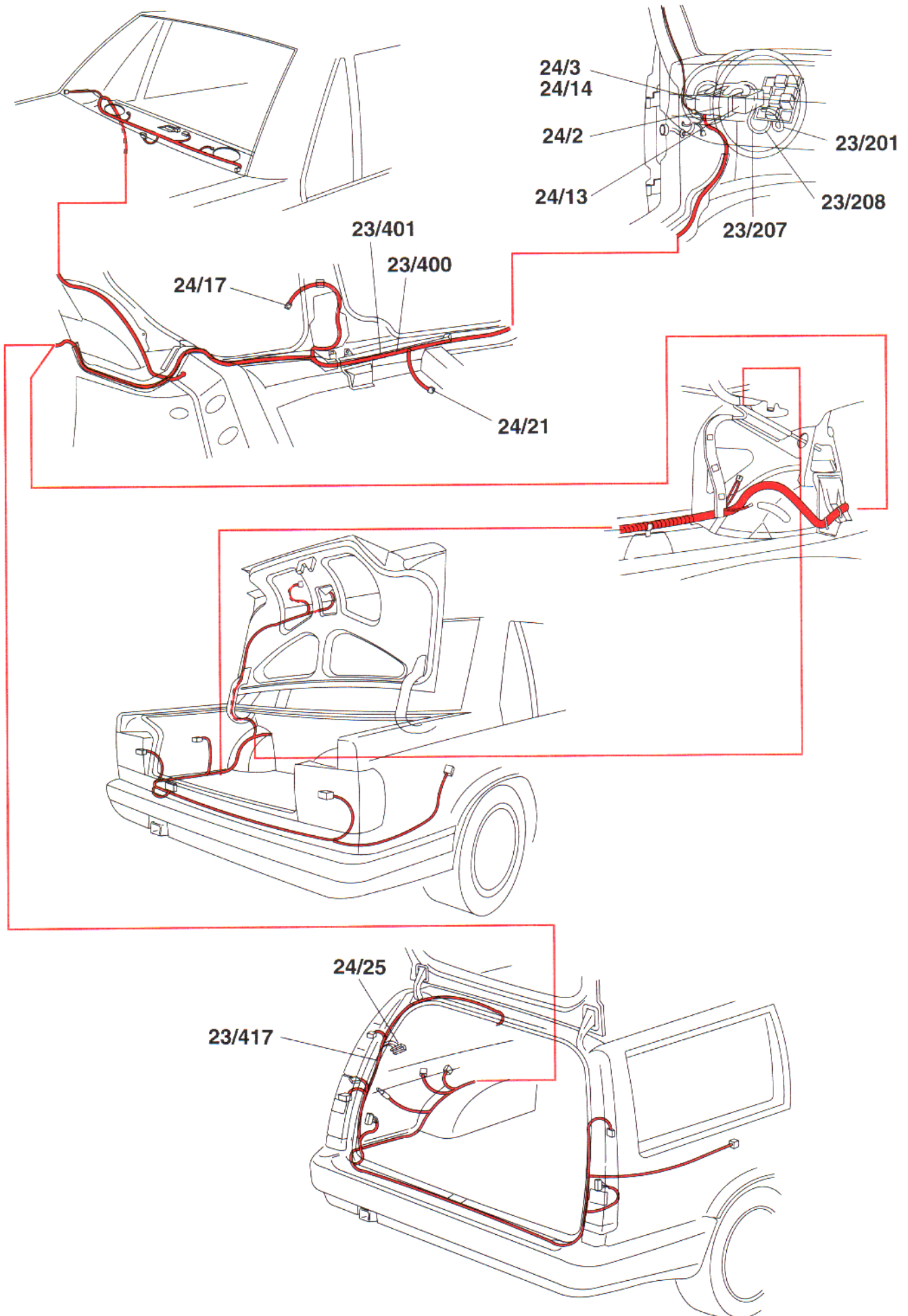


Harness blower fan/climate unit Harness solar sensor ECC



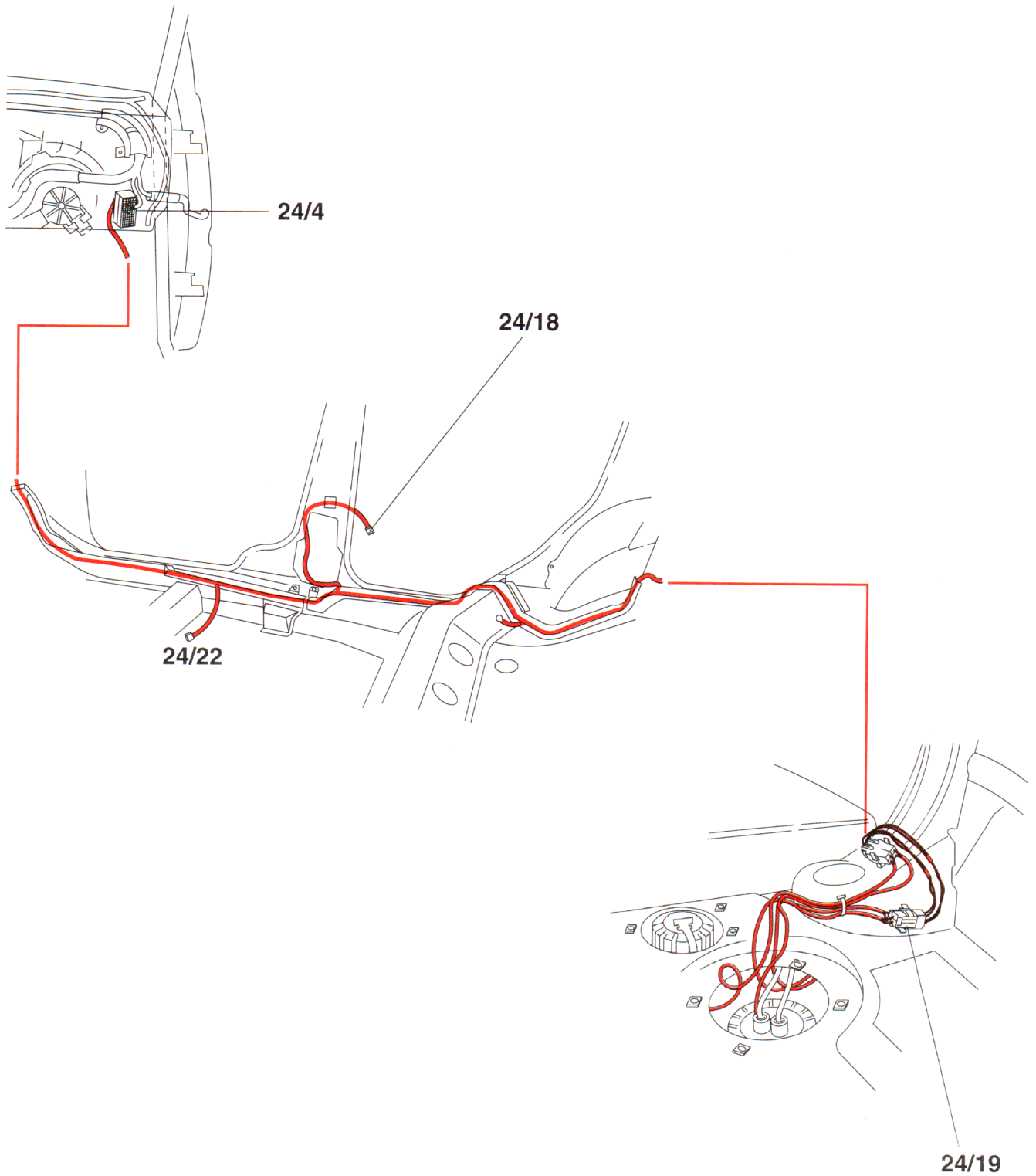
Routing of cable harness in the car

Door sill harness, left



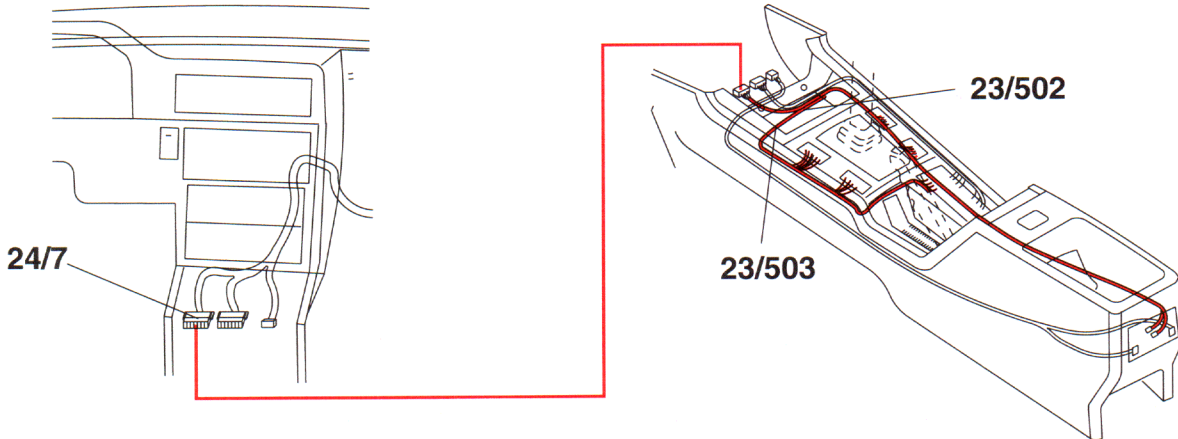
Routing of cable harness in the car

Door sill harness, right

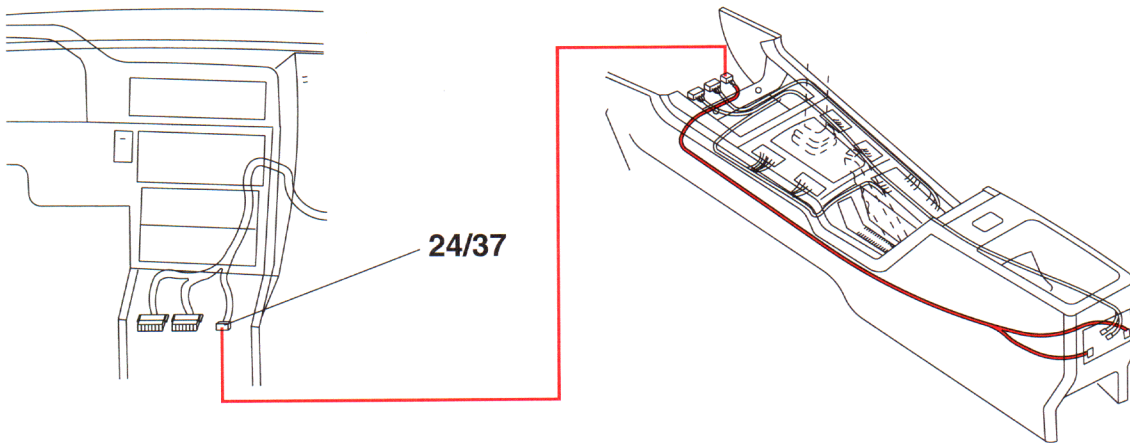


Routing of cable harness in the car

Tunnel harness

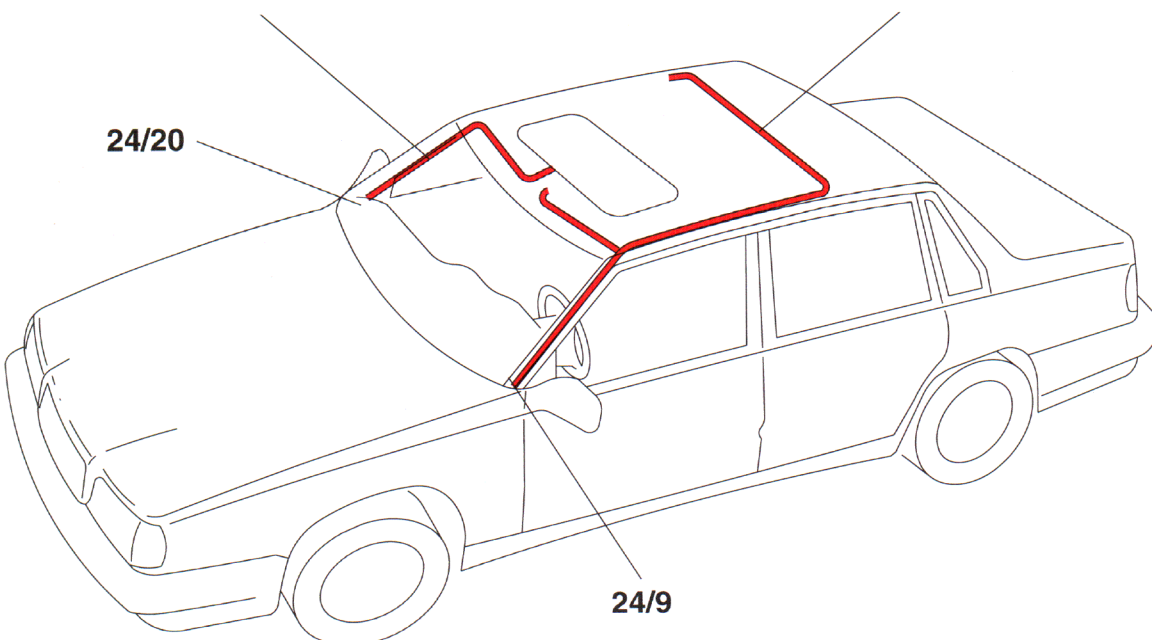


Harness heated rear seat switch

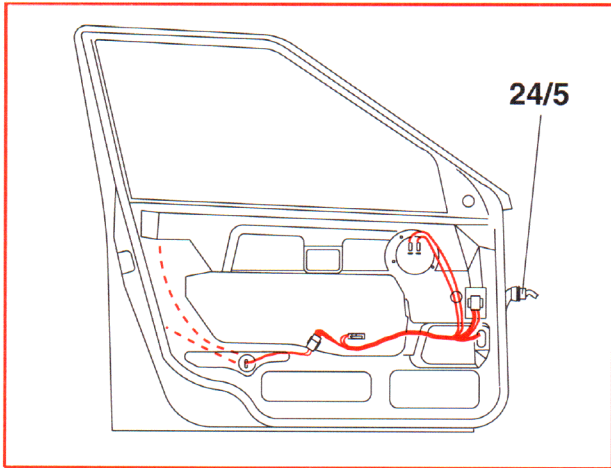


Power sunroof harness

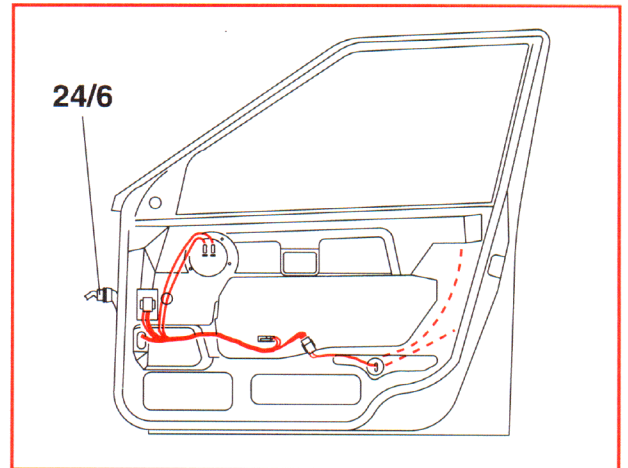
Roof harness



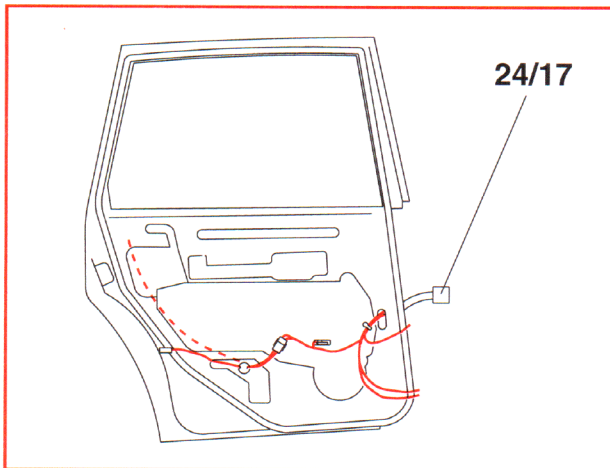
Routing of cable harness in the car



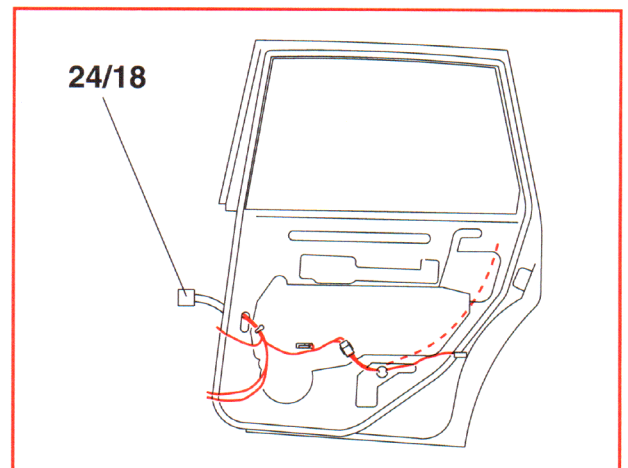
Left front door harness



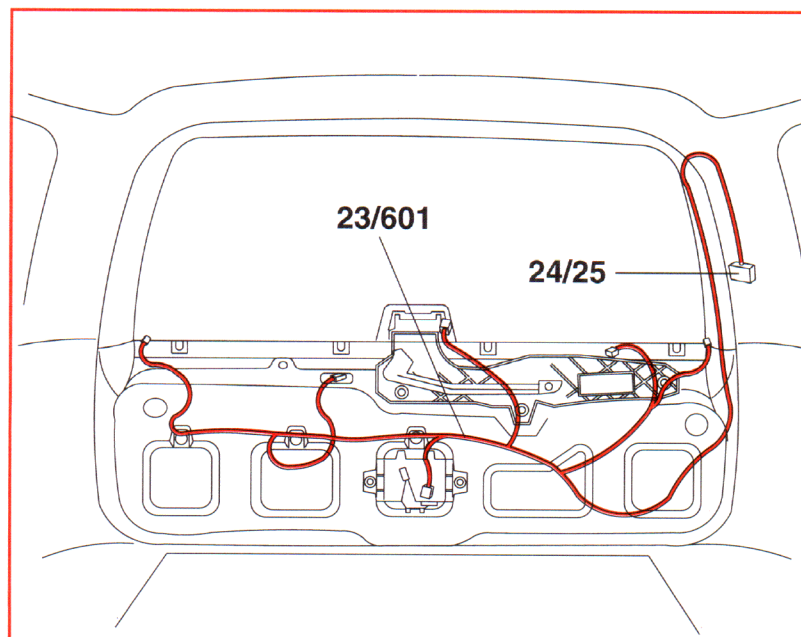
Right front door harness



Left rear door harness



Right rear door harness



Tailgate harness

Branching points

For location of branching points, refer to
Cable harness routing in the car pages 30-37

23/0 (Engine harness)

On/Off	Color	Remarks
1/1:+ Battery	R	
2/32:2 Main relay fuel system	R	Not Fenix 5.2 MFI
2/32:4 Main relay fuel system	R	
4/10A:10 Control module EZK (DI) ignition system	R	
4/28A:10 Transmission Control module, AW 50-42 automatic transmission	R	
4/41A:26 Control module, Fenix 5.2 MFI	R	
4/45A:10 Control module, LH Jetronic 3.2 MFI	R	
4/46A:26 Control module, Motronic 4.3 MFI	R	

23/3 (Engine harness)

On/Off	Color	Remarks
4/45A:9 Control module, LH Jetronic 3.2 MFI	GR	
8/6:2- Injectors	GR	
8/10:2		

23/6 (Engine harness)

On/Off	Color	Remarks
2/32:3 Main relay fuel system	GN	
8/17:1 EGR converter	GN	Not EZ 129 K
8/18:1 EVAP valve	GN	Only Motronic 4.3
8/28:1 Turbo control valve (via connector 24/15:14 Engine compartment harness - Engine harness)	GN	Only B5204T, B5234T/T5
8/43:1 Solenoid, aux. air intake	GN	Only Fenix 5.2
23/11 Branching point	GN	

23/7 (Engine harness)

On/Off	Color	Remarks
6/25:1 Starter motor	GR	
2/11:1A Engine cooling fan FC relay	R	

23/8 (Engine cable hares, in the control module box)

On/Off	Color	Remarks
4/41A:18 Control module, Fenix 5.2 MFI	BN-SB	
4/46A:18 Control module, Motronic 4.3 MFI	BN-SB	
7/16:2 Engine Coolant Temperature Sensor ECT (+)	BN-SB	
7/21:1 Camshaft position sensor (CMP)	BN-SB	
7/37:2 Temperature sensor, EGR	BN-SB	Only Motronic 4.3
7/54:1 Throttle position (TP) sensor	BN-SB	
7/77:2 Intake air temperature sensor (IAT sensor)	BN-SB	Only Fenix 5.2
7/81:A Pressure sensor, intake manifold	BN-SB	Only Fenix 5.2

23/9 (Engine harness, in control module box)

On/Off	Color	Remarks
4/41A:17 Control module, Fenix 5.2 MFI	P-SB	
4/46A:17 Control module, Motronic 4.3 MFI	P-SB	
7/23:2 Knock sensor (KS), rear	P-SB	
7/24:2 Knock sensor (KS), front	P-SB	

23/10 (Engine cable hares, in the control module box)

On/Off	Color	Remarks
4/41A:15 Control module, Fenix 5.2 MFI	VO	
7/54:2 Throttle position (TP) sensor	VO	
7/81:C Pressure sensor, intake manifold	VO	

23/11 (Engine harness)

On/Off	Color	Remarks
4/41A:27 Control module, Fenix 5.2 MFI	GN	
4/45A:19 Control module, LH Jetronic 3.2 MFI	GN	
4/46A:27 Control module, Motronic 4.3 MFI	GN	
7/15:1 Heated oxygen sensor (HO2S), front	GN	
7/17:3 Mass air flow (MAF) sensor	GN	
7/47:1 PTC resistor, pre-heater	GN	B5204T, B5234T/T5 only
7/82:1 Heated oxygen sensor (HO2S), rear	GN	Motronic 4.3 MFI only on certain markets
8/5:2 IAC idling valve	GN	
8/6:1- Injectors	GN	
8/10:1		
23/6 Branching point	GN	

23/100 (Front harness, earlier versions only)

On/Off	Color	Remarks
31/44 Ground point engine compartment (ground point battery - body) (via connector 24/16:18 Engine room harness - front harness)	SB	
6/3:3 Right headlight wiper motor	SB	
10/10:2 Right side marker light and turn signal, front	SB	

23/101 (Front harness, earlier versions only)

On/Off	Color	Remarks
31/44 Ground point engine compartment (ground point battery - body) (via connector 24/16:20 Engine room harness - front harness)	SB	
6/4:3 Left headlight wiper motor	SB	
10/9:2 Left side marker light and turn signal, front	SB	

Branching points

23/104 (Front harness, earlier versions only)

On/Off	Color	Remarks
3/37 Horn contacts (via connector 24/16:17 Engine room harness - front harness)	Y-SB	
16/10:1 Horn 1	Y-SB	
16/11:1 Horn 2	Y-SB	

23/105 (Front harness, earlier versions only)

On/Off	Color	Remarks
11/34:2 Fuse (via connector 24/16:10 Engine room harness - front harness)	Y-VO	
6/3:2 Right headlight wiper motor	Y-VO	
6/4:2 Left headlight wiper motor	Y-VO	
16/10:2 Horn 1	Y-VO	
16/11:2 Horn 2	Y-VO	

23/107 (Front harness, earlier versions only)

On/Off	Color	Remarks
3/12:8 Switch, windshield wipe/wash	Y-W	
2/4:4 Windshield wiper intermittent relay	Y-W	
6/2:1 Washer motor front (via connector 24/16:13 Engine room harness - front harness)	Y-W	
6/3:1 Right headlight wiper motor	Y-W	
6/4:1 Left headlight wiper motor	Y-W	

23/201 (Engine room harness, in-car)

On/Off	Color	Remarks
3/9:2 Stop (Brake) light switch	Y	
4/3:6S Control module, Cruise control	Y	
4/16:32 ABS control module	Y	
4/28:26 Transmission Control module, AW 50-42 automatic transmission	Y	
7/1:12 Bulb failure warning sensor, rear (via connector 24/14:13 Engine compartment harness - left rocker (door sill) panel harness)	Y	Left-hand drive only
7/1:12 Bulb failure warning sensor, rear (via connector 24/34:40 Engine room harness - firewall harness) and connector 24/3:13 Firewall harness - left rocker (door sill) panel harness)	Y	Right-hand drive only

23/203 (Engine compartment harness)

On/Off	Color	Remarks
31/50 Ground terminal power ground central electronics module	SB	
6/2:2 Washer motor front	SB	
6/3:3 Right headlight wiper motor	SB	Later versions only
6/30:2 Tailgate washer motor	SB	
7/5:1 Washer fluid level sensor	SB	
7/73:2 Coolant level sensor	SB	
10/6:2 Right fog light assy.	SB	
10/10:2 Right side marker light and turn signal, front	SB	Later versions only
10/16:2 Right side flasher light	SB	
16/19:2 Alarm signal	SB	Right-hand drive only
17/7:8 Data Link Connector DLC A	SB	

23/207 (Engine compartment harness, in-car)

On/Off	Color	Remarks
2/28:3A Alarm relay	GN	
3/3:3 Switch, Turn signal/High (main) and low beams	GN	
3/6:5 Switch, hazard lights with flasher relay 5/1B:7 Combined instrument (via connector 24/13:24 Engine compartment harness - Dashboard harness)	GN GN	
10/13:1 Left turn signal, front (via connector 24/16:8 Engine room harness - front harness)	GN	
10/15:1 Left side flasher light	GN	
10/54:2 Light, left turn signal, rear (via connector 24/14:18 Engine compartment harness - left rocker (door sill) panel harness)	GN	Left-hand drive 4-door only
10/54:2 Light, left turn signal, rear (via connector 24/34:45 Engine room harness - firewall harness and connector 24/3:18 Firewall harness - left rocker (door sill) panel harness)	GN	Right-hand drive 4-door only
10/54:3B Light, left turn signal, rear (via connector 24/14:18 Engine compartment harness - left rocker (door sill) panel harness)	GN	Left-hand drive 5-door only
10/54:3B Light, left turn signal, rear (via connector 24/34:45 Engine room harness - firewall harness and connector 24/3:18 Firewall harness - left rocker (door sill) panel harness)	GN	Right-hand drive 5-door only

23/208 (engine room harness, in-car)

On/Off	Color	Remarks
2/28:5A Alarm relay	BL-GN	
3/3:7 Switch, Turn signal/High (main) and low beams	BL-GN	
3/6:4 Switch, hazard lights with flasher relay 5/1A:1 Combined instrument (via connector 24/13:25 Engine compartment harness - Dashboard harness)	BL-GN BL-GN	
10/14:1 Right turn signal, front (via connector 24/16:11 Engine room harness - front harness)	BL-GN	Left-hand drive only
10/16:1 Right side flasher light	BL-GN	
10/47:3B Lamp, right turn signal, rear (via connector 24/14:19 Engine compartment harness - left rocker (door sill) panel harness)	BL-GN	Left-hand drive 5-door only
10/47:3B Lamp, right turn signal, rear (via connector 24/34:46 Engine room harness - firewall harness and connector 24/3:19 Firewall harness - left rocker (door sill) panel harness)	BL-GN	Right-hand drive 5-door only
10/47:8 Lamp, right turn signal, rear (via connector 24/14:19 Engine compartment harness - left rocker (door sill) panel harness)	BL-GN	Left-hand drive 4-door only
10/47:8 Lamp, right turn signal, rear (via connector 24/34:46 Engine room harness - firewall harness and connector 24/3:19 Firewall harness - left rocker (door sill) panel harness)	BL-GN	Right-hand drive only 4-door

Branching points

23/213 (Engine compartment harness)

On/Off	Color	Remarks
17/7:6 Data Link Connector DLC A	W	
4/10B:5 Control module EZK (DI) ignition system	W	
17/13:7 Data Link Connector DLC OBDII (via connector 24/2:51 Engine room harness - firewall harness)	W	
4/28B:22 Transmission Control module, AW 50-42 automatic transmission	W	
4/46B:36 Control module, Motronic 4.3 MFI	W	

23/214 (Engine compartment harness)

On/Off	Color	Remarks
17/7:2 Data Link Connector DLC A	Y-BN	
17/13:3 Data Link Connector DLC OBDII (via connector 24/2:50 Engine room harness - firewall harness)	Y-BN	
4/46B:5 Control module, Motronic 4.3 MFI	Y-BN	

23/228 (Engine compartment harness, late versions only)

On/Off	Color	Remarks
3/12:8 Switch, windshield wiper/wash	Y-W	
2/4:4 Windshield wiper intermittent relay	Y-W	
6/2:1 Washer motor front	Y-W	
6/3:1 Right headlight wiper motor	Y-W	
6/4:1 Left headlight wiper motor	Y-W	

23/229 (Engine compartment harness, late versions only)

On/Off	Color	Remarks
11/34:2 Fuse	Y-VO	
6/3:2 Right headlight wiper motor	Y-VO	
6/4:2 Left headlight wiper motor	Y-VO	
16/10:2 Horn 1	Y-VO	
16/11:2 Horn 2	Y-VO	

23/300 (Dashboard harness)

On/Off	Color	Remarks
4/4:4 Rheostat	P	
3/2:1 Light switch	P	
3/6:2 Switch, hazard lights with flasher relay	P	
3/8:2 Switch, heated rear window/door mirrors	P	
3/25:2 Switch, power sunroof	P	
3/58:2 Switch, rear fog light	P	
3/59:2 Beam length control	P	
3/95:2 Switch, TRACS	P	
3/99:2 Front fog light switch	P	
5/1A:10 Combined instrument	P	
10/72:2 Ashtray lighting, front	P	
16/1:10A Radio	P	
23/414 Branching point (via connector 24/1:10 Dashboard harness - firewall harness)	P	

23/301 (Dashboard harness)

On/Off	Color	Remarks
31/50 Ground point power ground central electronics unit (via connector 24/13:1 Engine compartment harness - Dashboard harness)	SB	
3/2:10 Light switch	SB	
3/6:3 Switch, hazard lights with flasher relay	SB	
3/8:5 Switch, heated rear window/door mirrors	SB	
3/25:5 Switch, power sunroof	SB	
3/58:5 Switch, rear fog light	SB	
3/95:5 Switch, TRACS	SB	
3/99:5 Front fog light switch	SB	
4/4:2 Rheostat	SB	
4/19:1 Remote control module, central lock/anti-theft alarm	SB	
5/1A:17 Combined instrument	SB	
7/68:5 Solar sensor ECC/indication LED - anti-theft alarm (via connector 24/29:2 at firewall)	SB	Only ECC
10/29:2 Glove compartment lighting	SB	
10/72:1 Ashtray lighting, front	SB	
10/113:2 Alarm warning LED	SB	Not ECC
16/1:11A Radio	SB	
24/35A:8 8-pin connector, accessories	SB	

23/302 (Dashboard harness)

On/Off	Color	Remarks
15/2 30 rail in central electronics module (via connector 24/13:21 Engine compartment harness - Dashboard harness)	R	
4/19:5 Remote control module, central lock/anti-theft alarm	R	
10/29:1 Glove compartment lighting	R	
10/97:1 Entry lighting, driver side	R	
10/102:1 Entry lighting, passenger side	R	

23/304 (Blower fan harness/climate unit)

On/Off	Color	Remarks
23/416 Branching point (via connector 24/10:2 Firewall harness - blower fan harness/climate unit)	SB	
2/24:4 Blower Fan relay, max.	SB	
3/54:4D REC and A/C switch	SB	
3/55:1C A/C panel lights	SB	
4/30A:6 Control module, ECC	SB	
4/31:2B Power Stage, blower fan	SB	
6/28:2 Blower fan	SB	
6/48:4 Servo motor, recirculation shutter	SB	
7/64:2 Driver side in-car temperature sensor	SB	
7/65:2 Passenger side in-car temperature sensor	SB	

Branching points

23/305 (Blower fan harness/climate unit, MCC only)

On/Off	Color	Remarks
11/31:2 Fuse (via connector 24/12:1 Firewall harness - blower fan harness/climate unit and connector 24/2:6 Engine room harness - firewall harness)	Y-VO	
3/54:1D REC and A/C switch	Y-VO	
3/56:4A Blower fan switch	Y-VO	
6/48:1 Servo motor, recirculation shutter	Y-VO	

23/306 (Blower fan harness/climate unit)

On/Off	Color	Remarks
4/30A:9 Control module, ECC	BN	
4:30A:10 Control module, ECC	BN	
6/45:1 Servo motor, temperature shutter, driver's side	BN	
6/46:1 Servo motor temperature shutter, passenger side	BN	
6/47:1 Servo motor floor and defroster shutters	BN	
6/48:1 Servo motor, recirculation shutter	BN	
6/49:1 Servo motor, ventilation shutter	BN	
7/11:4 Outer temperature sensor, ECC	BN	
7/64:3 Driver side in-car temperature sensor	BN	
7/65:3 Passenger side in-car temperature sensor	BN	

23/307 (Blower fan harness/climate unit)

On/Off	Color	Remarks
4/30A:8 Control module, ECC	VO	
6/45:2 Servo motor, temperature shutter, driver's side	P-W	
6/46:2 Servo motor temperature shutter, passenger side	P-W	
6/47:2 Servo motor floor and defroster shutters	P-W	
6/48:2 Servo motor, recirculation shutter	P-W	
6/49:2 Servo motor, ventilation shutter	P-W	

23/308 (Solar sensor harness ECC)

On/Off	Color	Remarks
4/30C:10 Control module, ECC	BN	
7/59:4 Left side duct temperature sensor	BN	
7/60:4 Right side duct temperature sensor	BN	
7/68:4 Solar sensor ECC/indication LED - anti-theft alarm	BN	

23/309 (Blower fan harness/climate unit)

On/Off	Color	Remarks
11/5:2, 3 Fuse (via connector 24/10:1 Firewall harness - blower fan harness/climate unit and connector 24/2:7, 8 Engine room harness - firewall harness)	R	
4/31:4A Power Stage, blower fan	R	
6/28:1 Blower fan	R	

23/400 (Left rocker (door sill) panel)

On/Off		Color	Remarks
23/408	Branching point (via connector 24/3:35) Firewall harness - left rocker (door sill) panel harness	Y-BN	
3/76:3	Lock module, rear left side (via connector 24/17:8) Left side rocker (door sill) panel - left side harness rear door)	Y-BN	
3/78:6	Lock module, trunk (boot)	Y-BN	Only 4-door
3/78:6	Lock module, trunk (boot) (via connector 24/25:3) Left side rocker (door sill) panel harness - tailgate harness)	Y-BN	Only 5-door
6/37:1	Central lock motor, tank cap	Y-BN	

23/401 (Left rocker (door sill) panel harness)

On/Off		Color	Remarks
23/409	Branching point (via connector 24/3:36) Firewall harness - left rocker (door sill) panel harness	Y	
3/76:4	Lock module, rear left side (via connector 24/17:9) Left side rocker (door sill) panel - left side harness rear door)	Y	
3/78:7	Lock module, trunk (boot)	Y	Only 4-door
3/78:7	Lock module, trunk (boot) (via connector 24/25:4) Left side rocker (door sill) panel harness - tailgate harness)	Y	Only 5-door
6/37:2	Central lock motor, tank cap	Y	

23/405 (Firewall harness)

On/Off		Color	Remarks
31/7	Ground point A-post driver side	SB	
3/74:14	Lock module, left front (via connector 24/5:6) Firewall harness - Left front door harness)	SB	Left-hand drive only
3/75:14	Lock module, right front (via connector 24/6:6) Firewall harness - harness right front door)	SB	Right-hand drive only
4/33:4	Control module, power sunroof (via connector 24/20:4) Firewall harness - harness power sunroof)	SB	Right-hand drive only
10/22:6	Dome light in-car (via connector 24/9:4) Firewall - roof harness	SB	Left-hand drive only
10/114:2	Vanity mirror lighting, left side	SB	Left-hand drive only
10/115:2	Vanity mirror lighting, right side	SB	Right-hand drive only

Branching points

23/408 (Firewall harness)

On/Off	Color	Remarks
2/7:5A Central locking/delayed courtesy lighting relay (via connector 24/2:19 Engine room harness - firewall harness)	Y-BN	
3/74:10 Lock module, left front (via connector 24/5:14 Firewall harness - Left front door harness)	Y-BN	
3/75:10 Lock module, right front (via connector 24/6:14 Firewall harness - harness right front door)	Y-BN	
3/77:3 Lock module, right rear (via connector 24/4:6 Firewall harness - right rocker (door sill) panel harness and connector 24/18:8 Right rocker (door sill) harness - right rear door harness)	Y-BN	
23/400 Branching point (via connector 24/3:35 Firewall harness - left rocker (door sill) panel harness)	Y-BN	

23/409 (Firewall harness)

On/Off	Color	Remarks
2/7:3A Central locking/delayed courtesy lighting relay (via connector 24/2:20 Engine room harness - firewall harness)	Y	
3/74:12 Lock module, left front (via connector 24/5:15 Firewall harness - Left front door harness)	Y	
3/75:12 Lock module, right front (via connector 24/6:15 Firewall harness - harness right front door)	Y	
3/77:4 Lock module, right rear (via connector 24/4:7 Firewall harness - right rocker (door sill) panel harness and connector 24/18:9 Right rocker (door sill) harness - right rear door harness)	Y	
23/401 Branching point (via connector 24/3:36 Firewall harness - left rocker (door sill) panel)	Y	

23/410 (Firewall harness)

	On/Off	Color	Remarks
2/7:2B	Central locking/delayed courtesy lighting relay (via connector 24/2:12 Engine room harness - firewall harness)	Y-W	
3/74:6	Lock module, left front (via connector 24/5:2 Firewall harness - Left front door harness)	Y-W	
3/75:6	Lock module, right front (via connector 24/6:2 Firewall harness - harness right front door)	Y-W	
3/76:2	Lock module, rear left side (via connector 24/3:30 Firewall harness - left rocker (door sill) panel harness) and connector 24/17:11 Left side rocker (door sill) panel - left side harness rear door)	Y-W	
10/32:2	Warning lamp, left rear door	Y-W	
3/77:2	Lock module, right rear (via connector 24/4:19 Firewall harness - right rocker (door sill) panel harness and connector 24/18:11 Right rocker (door sill) harness - right rear door harness)	Y-W	
10/33:2	Warning lamp, right rear door	Y-W	

23/411 (Firewall harness)

	On/Off	Color	Remarks
15/2	30 rail in central electronics module (via connector 24/2:14 Engine room harness - firewall harness)	R	
10/22:1	Dome light in-car (via connector 24/9:1 Firewall - roof harness)	R	
10/24:1	Trunk (boot) lighting (via connector 24/3:31 Firewall harness - left rocker (door sill) panel harness) and connector 24/17:4 Left side rocker (door sill) panel - left side harness rear door)	R	
10/32:1	Warning lamp, left rear door	R	
10/30:2	Warning lamp, left front door (via connector 24/5:1 Firewall harness - Left front door harness)	R	
10/31:2	Warning lamp, right front door (via connector 24/6:1 Firewall harness - harness right front door)	R	
10/33:1	Warning lamp, right rear door (via connector 24/4:18 Firewall harness - right rocker (door sill) panel harness and connector 24/18:4 Right rocker (door sill) harness - right rear door harness)	R	
10/114:1	Vanity mirror lighting, left side	R	
10/115:1	Vanity mirror lighting, right side	R	
17/13:16	Data Link Connector DLC OBDII	R	Motronic 4.3 MFI only for certain markets

Branching points

23/412 (Firewall harness)

On/Off	Color	Remarks
11/37:2 Fuse 37 (via connector 24/2:2 Engine room harness - firewall harness)	BL	
3/97:10 Switch, auto-down relay, power window	BL	
4/33:1 Control module, power sunroof (via connector 24/20:1 Firewall harness - harness power sunroof)	BL	

23/414 (Firewall harness)

On/Off	Color	Remarks
23/300 Branching point (via connector 24/1:10 Dashboard harness - Firewall harness)	P	
3/55:2C A/C panel lights (via connector 24/12:2 Firewall harness - blower fan harness/climate unit)	P	
3/64:2 Switch for heated rear seat, left side 3/69:2 Switch for heated rear seat, right side (via connector 24/37:1 Firewall - heated rear seat switch harness)	P	
3/91:2 Switch, heated left seat 3/92:2 Switch, heated right seat 10/98:2 Ashtray lighting, rear (via connector 24/7:6 Firewall - tunnel harness)	P	
4/30A:3 Control module, ECC (via connector 24/12:2 Firewall harness - blower fan harness/climate unit)	P	
10/37:2 Cigar lighter lighting	P	
10/40:1 Gear shift position lighting	P	

23/416 (Firewall harness)

On/Off		Color	Remarks
31/15	Ground point A-post passenger side	SB	
3/64:5	Switch for heated rear seat, left side	SB	
3/69:5	Switch for heated rear seat, right side (via connector 24/37:6 Firewall - heated rear seat switch harness)	SB	
3/75:14	Lock module, right front (via connector 24/6:6 Firewall harness - harness right front door)	SB	Left-hand drive only
3/97:11	Switch, auto-down relay, power window	SB	
4/33:4	Control module, power sunroof (via connector 24/20:4 Firewall harness - harness power sunroof)	SB	Left-hand drive only
8/36:2	Solenoid, P-shift lock	SB	
9/1:2	Cigar lighter	SB	
10/22:6	Dome light in-car (via connector 24/9:4 Firewall - roof harness)	SB	Right-hand drive only
10/37:1	Cigar lighter lighting	SB	
10/40:2	Gear selector light	SB	
10/114:2	Vanity mirror lighting, left side	SB	Right-hand drive only
10/115:2	Vanity mirror lighting, right side	SB	Left-hand drive only
17/13:4	OBD II Data Link Connector DLC	SB	Motronic 4.3 MFI only for certain markets
23/304	Branching point (via connector 24/10:2 Firewall harness - blower fan harness/climate unit)	SB SB	
23/502	Branching point (via connector 24/7:14 Firewall - tunnel harness)	SB	

Branching points

23/417 (Left rocker (door sill) panel harness, 5-door only)

On/Off	Color	Remarks
31/11 Ground point trunk, left side	SB	
6/34:4 Power antenna	SB	
10/18:1A Left tail light	SB	
10/18:1B Left tail light	SB	
16/16:4 Antenna booster	SB	
23/601 Branching point (via connector 24/25:10 Left side rocker (door sill) panel harness - tailgate harness)	SB	

23/502 (Tunnel harness)

On/Off	Color	Remarks
23/416 Branching point (via connector 24/7:14 Firewall - tunnel harness)	SB	
3/63:5 Driving mode selector, automatic transmission	SB	
3/87:4 Switch, power door mirror, left side	SB	
3/88:4 Switch, power door mirror, right side	SB	
3/91:5 Switch, heated left seat	SB	
3/92:5 Switch, heated right seat	SB	
10/98:1 Rear ashtray lighting	SB	

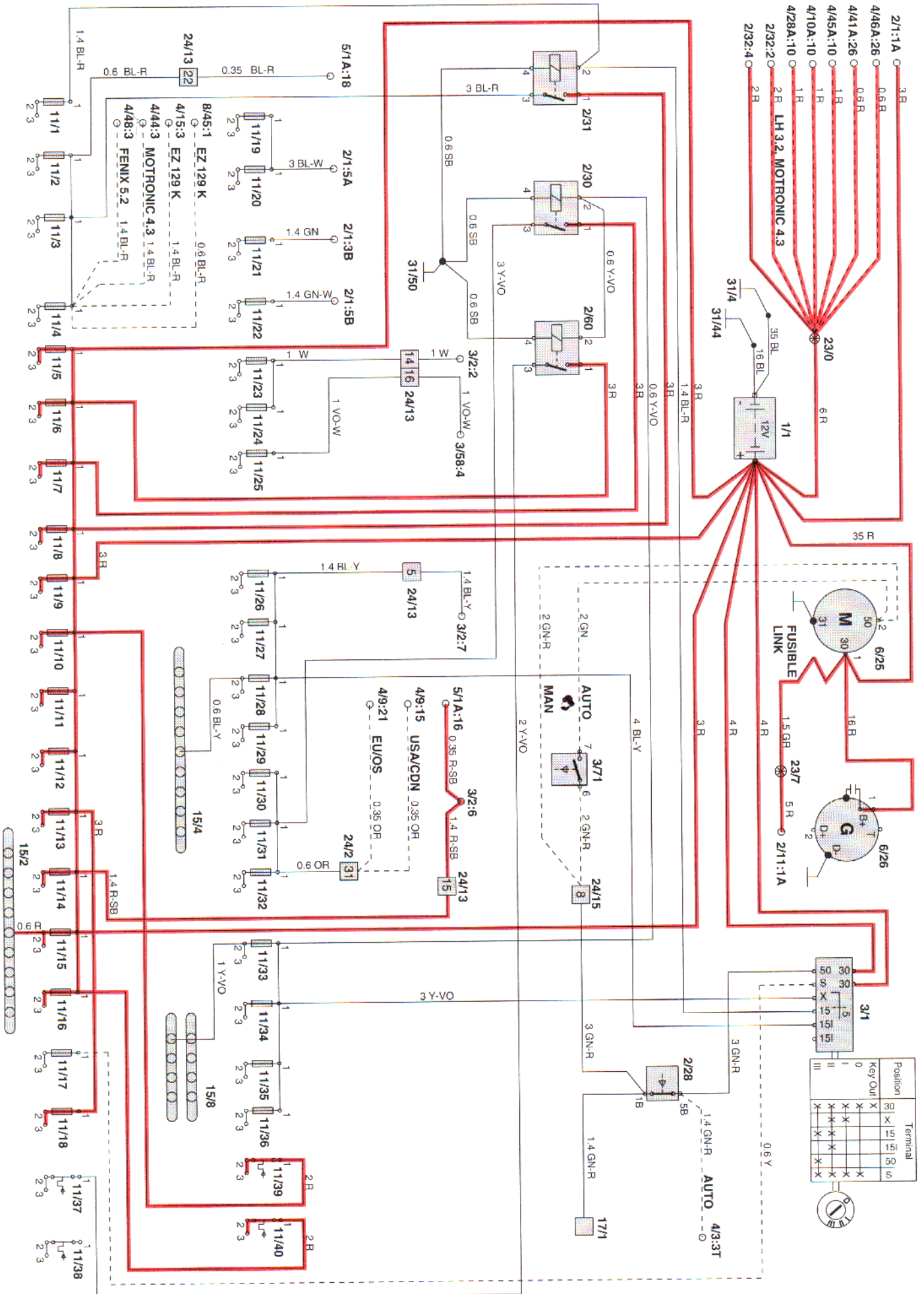
25/503 (Tunnel harness)

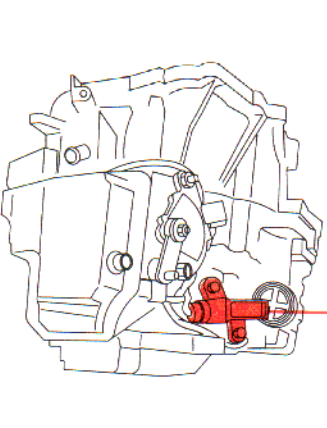
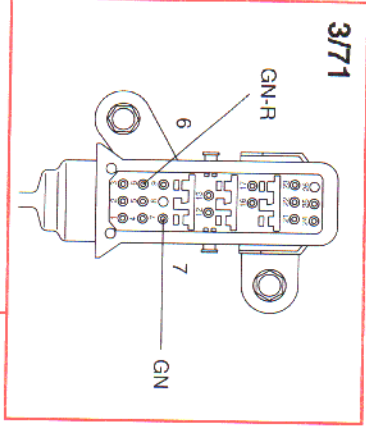
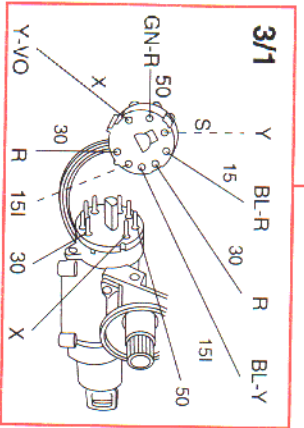
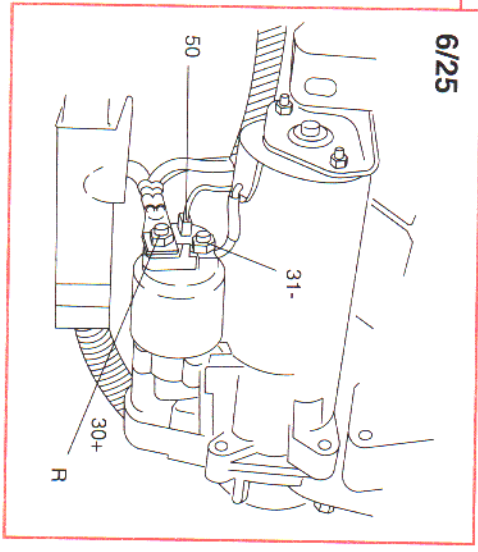
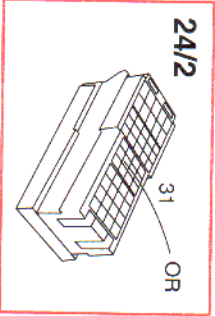
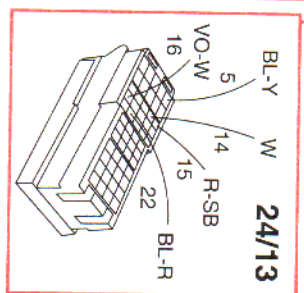
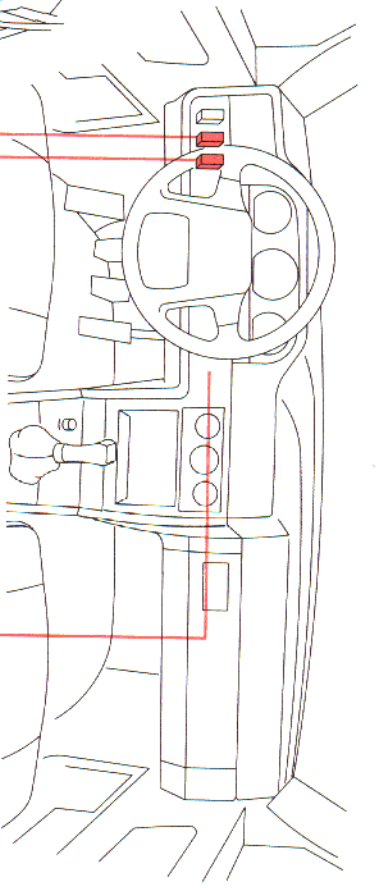
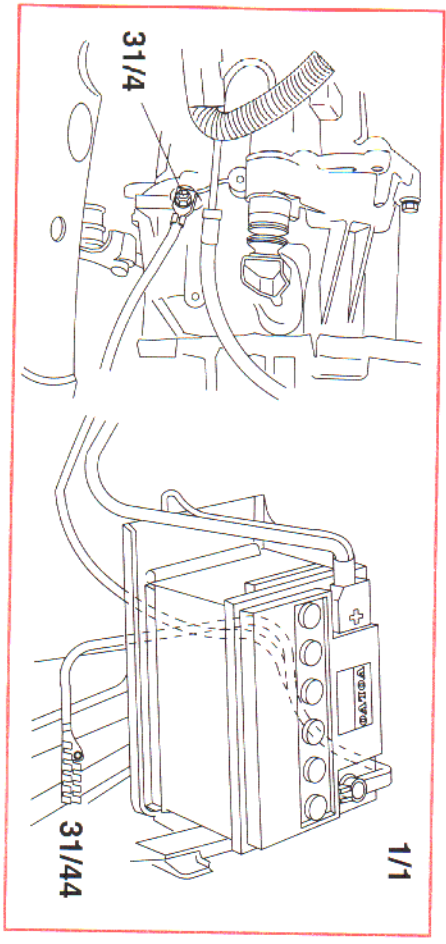
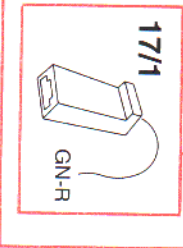
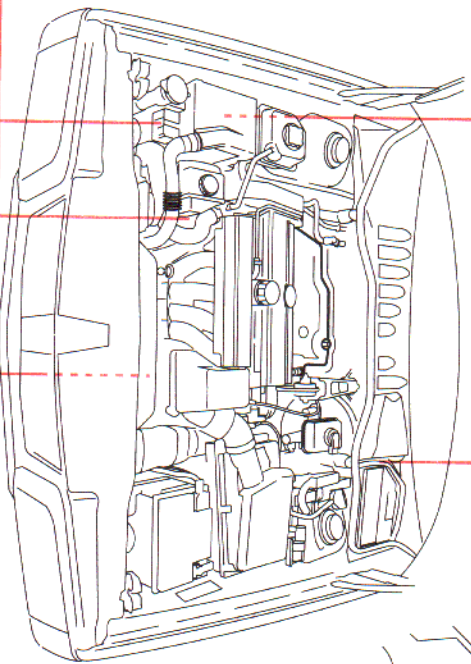
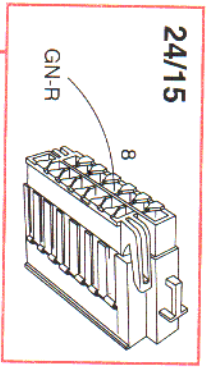
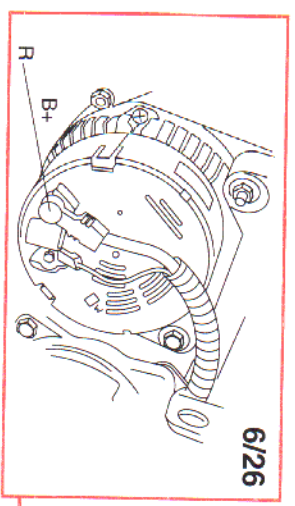
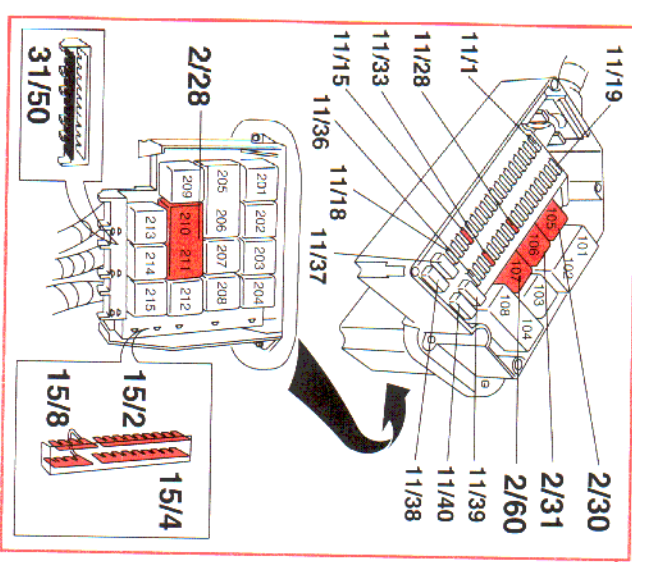
On/Off	Color	Remarks
11/26:2 Fuse (via connector 24/7:1 Firewall - tunnel harness) and connector 24/2:5 Engine room harness - firewall harness)	BL-Y	
3/87:2 Switch, power door mirror, left side	BL-Y	
3/88:2 Switch, power door mirror, right side	BL-Y	
3/91:3 Switch, heated left seat	BL-Y	
3/92:3 Switch, heated right seat	BL-Y	

23/601 (Tailgate harness 5-door only)

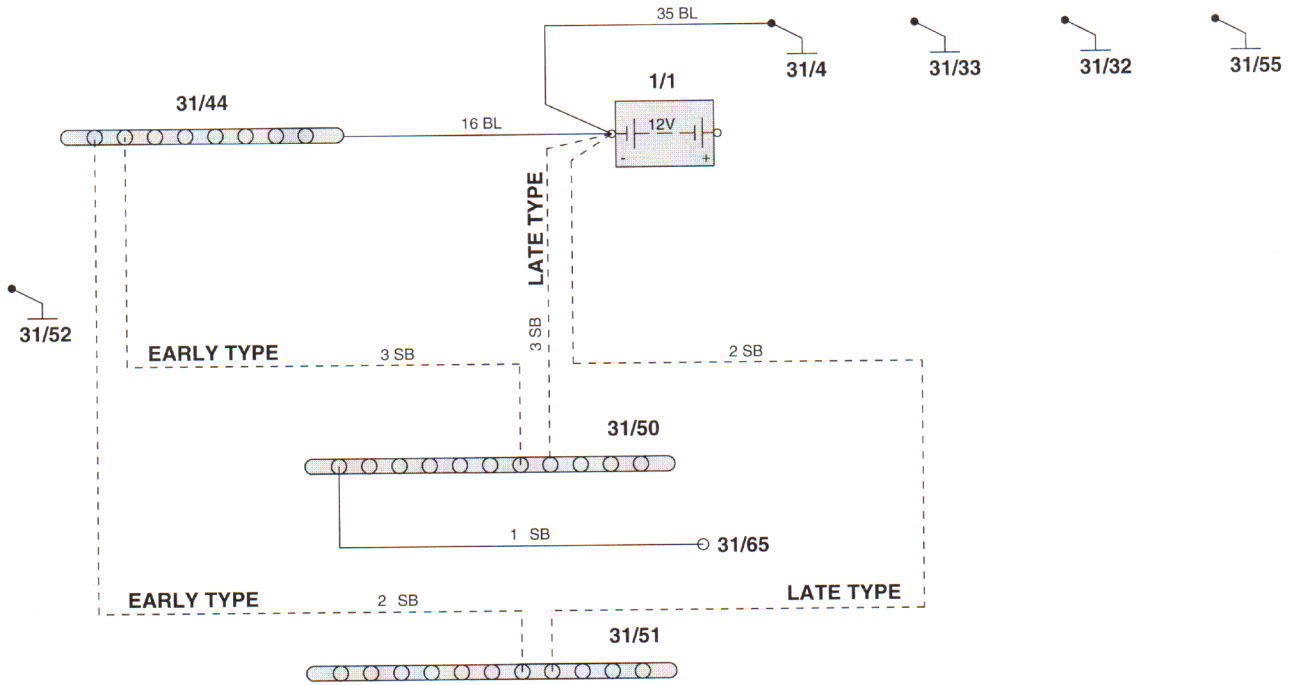
On/Off	Color	Remarks
23/417 Branching point (via connector 24/25:10 Left side rocker (door sill) panel harness - tailgate harness)	SB	
3/78:8 Lock module, trunk (boot)	SB	
10/19:2 High-level brake light	SB	
10/20:2 Registration plate light	SB	

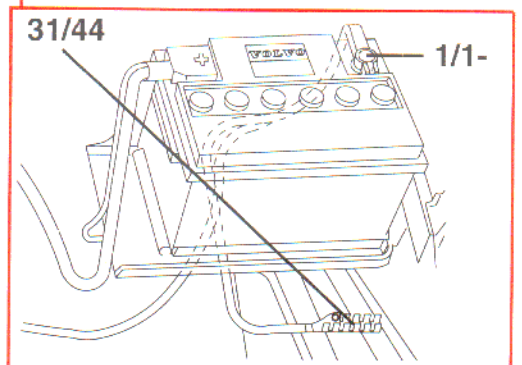
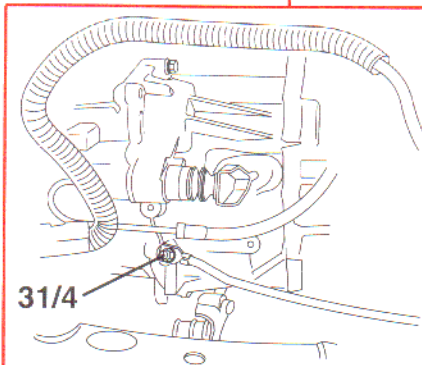
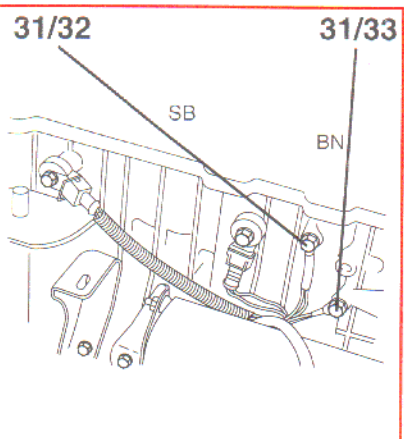
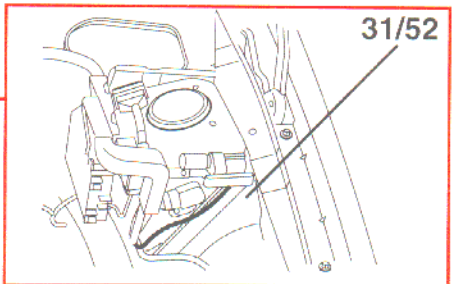
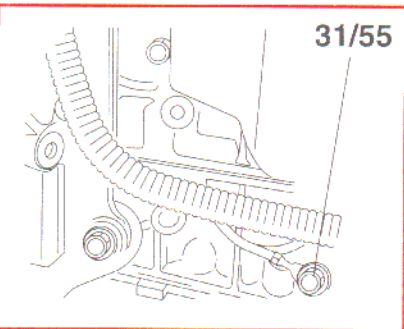
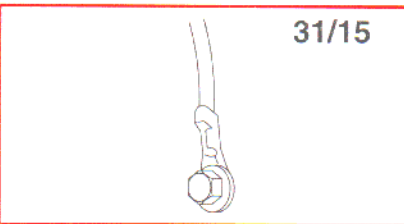
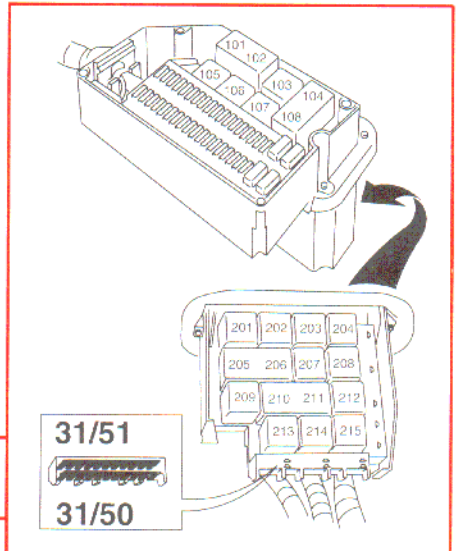
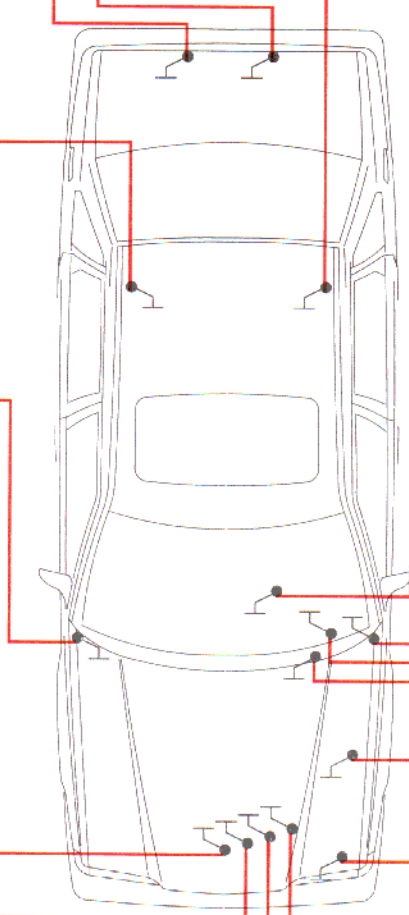
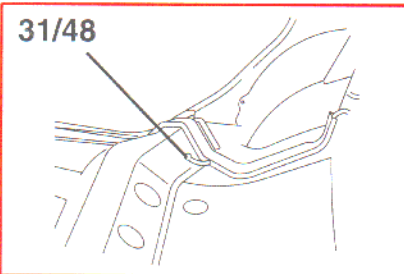
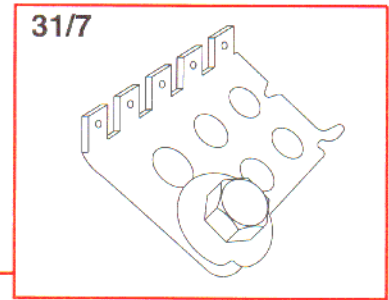
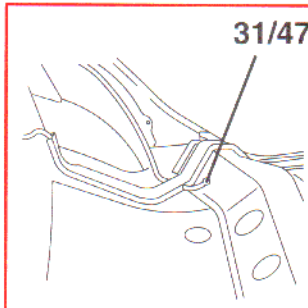
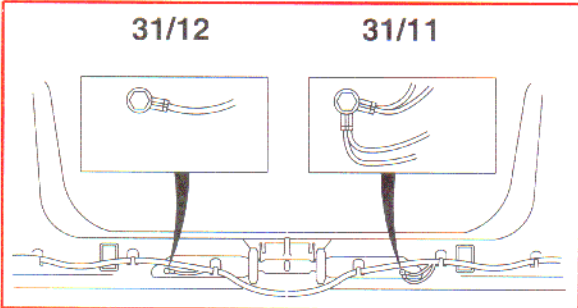
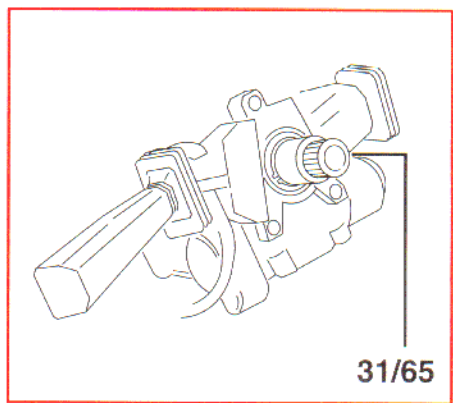
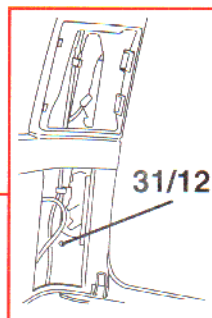
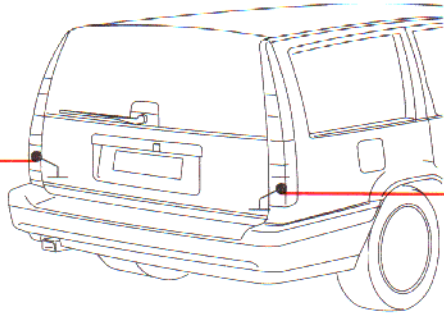
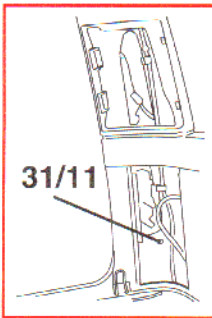
Electrical distribution unit





Ground points





Ground points

1/1 - Late type

Battery
Combination relay ABS
Alarm switch, hood
Kick-down switch on throttle controls (LHD)
ABS control module
Right headlight wiper motor
Left headlight wiper motor
Brake fluid level sensor (LHD)
Left front light
Right front light
Left parking light and turn signal, front
Right parking light and turn signal, front
Left side indicator light
Left front fog light Assy.

31/4

Battery

31/7

LHD:

Lock, left front
Power door mirror, left side
Courtesy light
Reading light, left rear
Reading light, right rear
Vanity mirror lighting, left side
Radio

RHD:

Lock, right front
Control module, power sunroof
Power door mirror, right side
Vanity mirror lighting, right side
Radio

31/11

Lock, trunk (boot)
Bulb malfunction indicator, rear
Power antenna
Antenna booster
Left tail light
License plate light
Extra brake light, spoiler

31/12

Right tail light

31/15

Blower fan Max. relay (Not ECC)
Climate control
Program selector, automatic transmission
Switch for heated rear seat, left side
Switch for heated rear seat, right side
Lock, left front (RHD)
Lock, right front (LHD)
Switch, power door mirror, left side
Switch, power door mirror, right side
Switch, heated left seat
Switch, heater right seat
Switch, auto-down relay, power window
Control module, ECC
Power module blower fan (ECC)
Control module, power sunroof (LHD)
Blower fan
Servo motor, recirculation shutter (Not ECC)
Power door mirror, left side (RHD)
Power door mirror, right side (LHD)
In-car temperature sensor driver side (ECC)
In-car temperature sensor passenger side (ECC)
Solenoid, P-shift lock
Cigarette lighter
Courtesy light (RHD)
Reading light, left rear (RHD)
Reading light, right rear (RHD)
Cigarette lighter illumination
Gear selector light
Ashtray lighting, rear
Vanity mirror lighting, left side (RHD)
Vanity mirror lighting, right side (LHD)
DLC OBDII (Motronic 4.3 MFI)

31/32

Control module EZK (DI) ignition system
Control module, AW 50-42 automatic transmission
Control module, Fenix 5.2 MFI
Control module, LH 3.2 MFI
Control module, Motronic 4.3 MFI
PTC resistor pre-heater (Motronic 4.3 MFI)

31/33

Control module EZK (DI) ignition system
Control module, AW 50-42 automatic transmission
Control module, Fenix 5.2 MFI
Control module, LH 3.2 MFI
Control module, Motronic 4.3 MFI
DLC OBDII (Motronic 4.3 MFI)

31/44 Early type

Battery
 Combination relay ABS
 Alarm switch, hood
 Kick-down switch on throttle controls (RHD)
 ABS control module
 Right headlight wiper motor
 Left headlight wiper motor
 Air pump, (Fenix 5.2 MFI)
 Brake fluid level sensor (LHD)
 Left front light
 Right front light
 Left parking light and turn signal, front
 Right parking light and turn signal, front
 Left side indicator light

31/44 Late type

Air pump (Fenix 5.2 MFI)

31/47

Lock, rear left side
 Seat belt lock, left seat (LHD)
 Control module, left seat
 Backrest heater pad, left seat
 Backrest element, left rear seat
 Extra brake light (4 door)
 Heated rear window (4 door)

31/48

Lock, right rear
 Seat belt lock, right seat (RHD)
 Control module, right seat
 Fuel pump
 Backrest heater pad, right seat
 Backrest element, right rear seat

31/50

Regulator, DIM-DIP
 Central lock/delayed courtesy lighting relay
 Alarm relay (RHD)
 Overload relay X+
 Overload relay 15+
 Heated rear seat relay (LHD)
 Relay, deadlock setting
 Overload relay X+
 Light switch
 Switch, hazard lights with flasher relay
 Switch, el. heated rear window/door mirrors
 Switch, power sunroof
 Horn switch (via 31/65)
 Switch, rear fog light
 Switch, TRACS
 Rheostat
 Security circuit SRS (in 5/1)
 Remote control module, central lock/anti-theft alarm
 Combined instrument
 Windshield wiper motor
 Washer motor front
 Washer motor rear window (5 door)
 Brake fluid level sensor (RHD)
 Washer fluid level sensor
 Solar sensor ECC/indication LED - anti-theft alarm
 Coolant level sensor
 Right side indicator light
 Glove compartment lighting
 Ashtray lighting, front
 Alarm warning LED
 Radio
 Alarm signal
 OBD (Diagnostic) socket A
 8-pin connector, accessories
Early type:
 Kick-down switch on throttle controls (LHD)
Late type:
 Kick-down switch on throttle controls (RHD)
 Right front fog light assy.

31/51

Main headlight relay with bulb malfunction indicator
 Windshield wiper intermittent relay
 Seatbelt reminder/key warning relay (USA, Kanada, Korea)
 Relay, exhaust temperature sensor
 Intermittent wipe relay rear window (5 door)
 Fuel pump relay
 Alarm relay (LHD)
 Heated rear seat relay (RHD)
 Relay, electrically heated rear window/door mirror
 Speed warning
 Switch rear window wash/wipe (5 door)
 Beam width control
 Cruise control control module
 Combined instrument
 Beam length control, left actuator

31/52

DI Ignition Discharge Module (power stage) and ignition coil (LH 3.2 & EZ 129 K)
 DI Ignition Discharge Module (power stage) and ignition coil (Motronic 4.3 MFI)
 Ignition power stage, Fenix 5,2 MFI

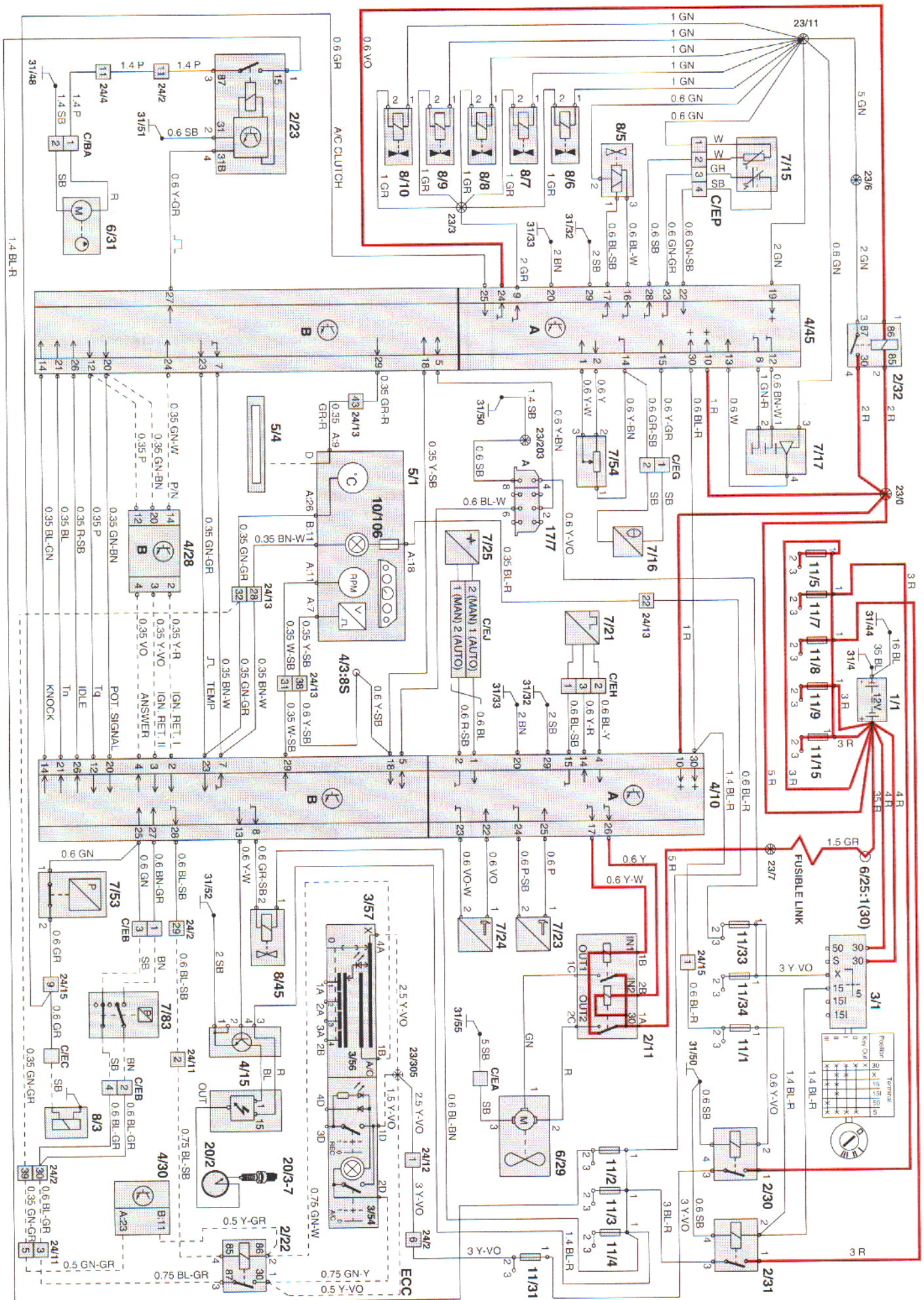
31/55

Engine cooling fan

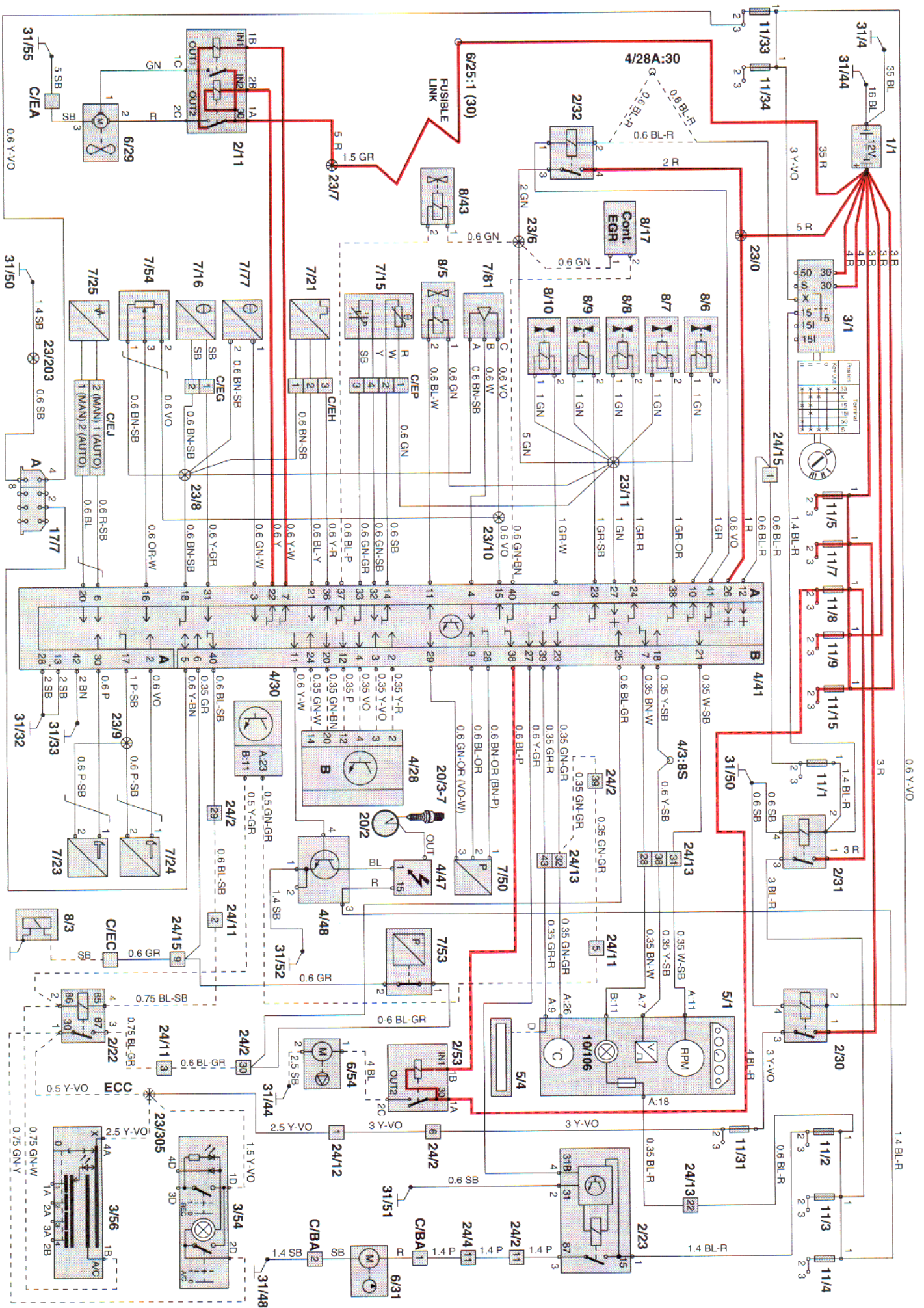
31/65

Horn connectors

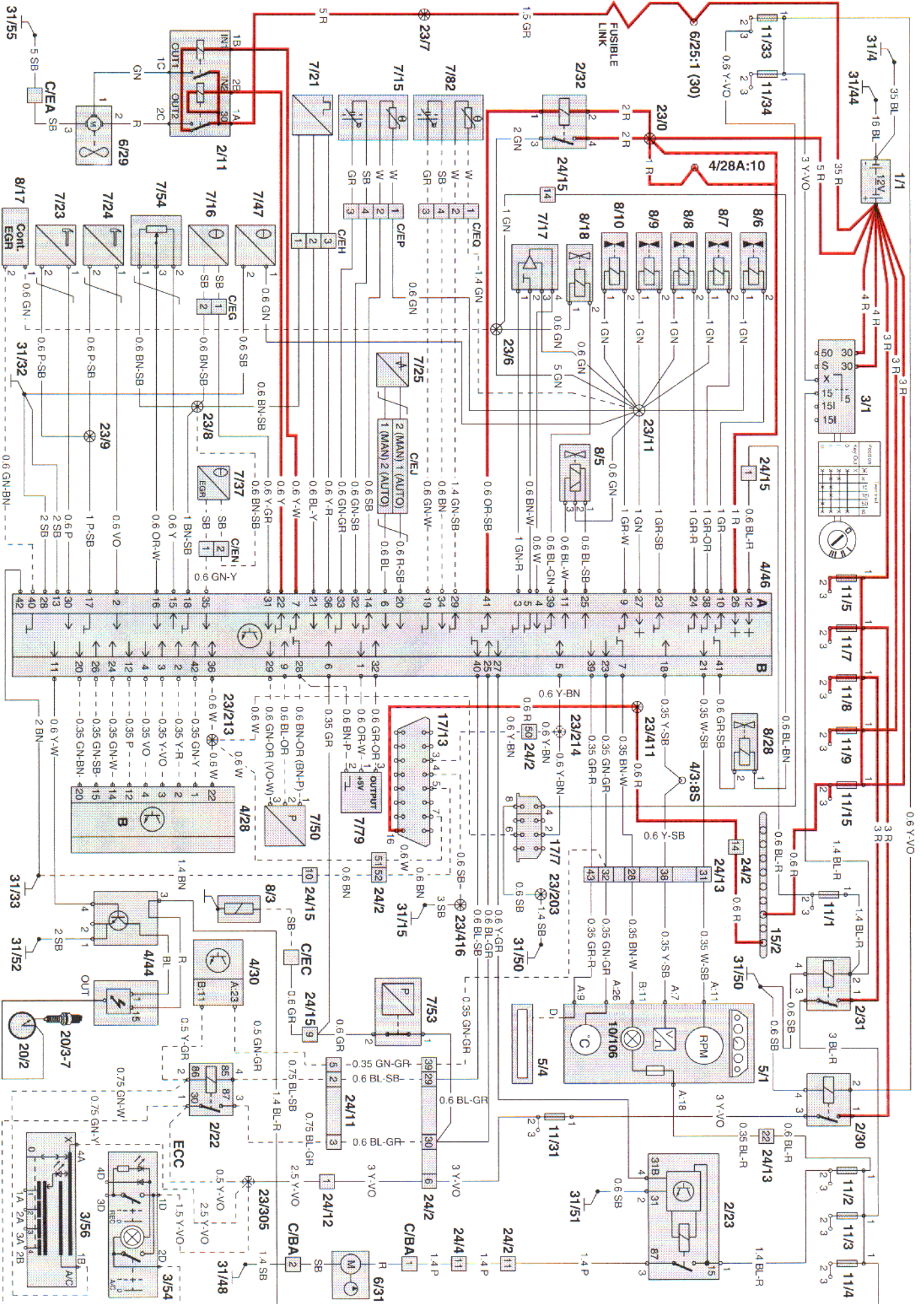
Multiport fuel injection (MFI), LH 3.2 & EZ 129 K



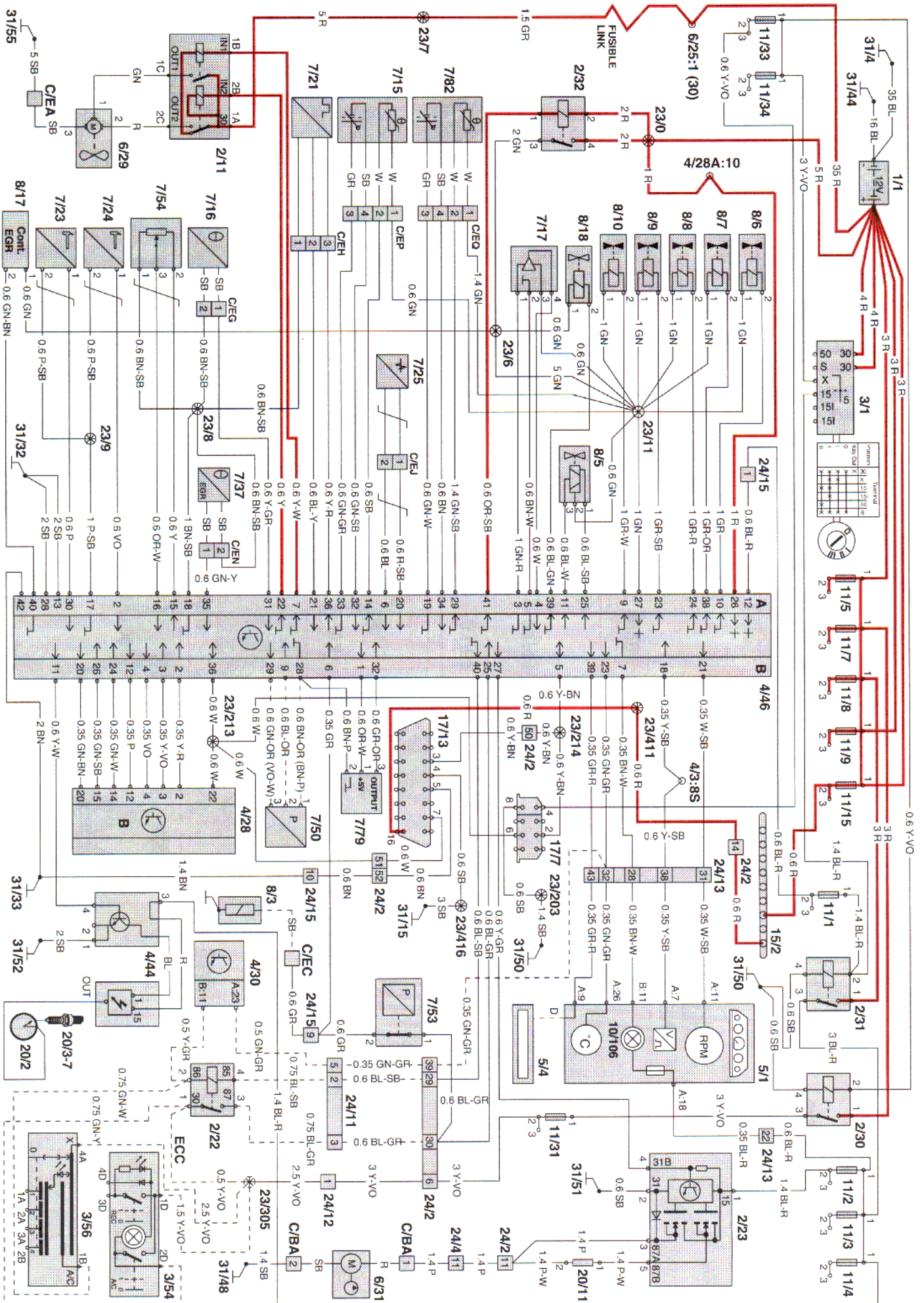
Multipoint fuel injection (MFI) system, Fenix 5.2



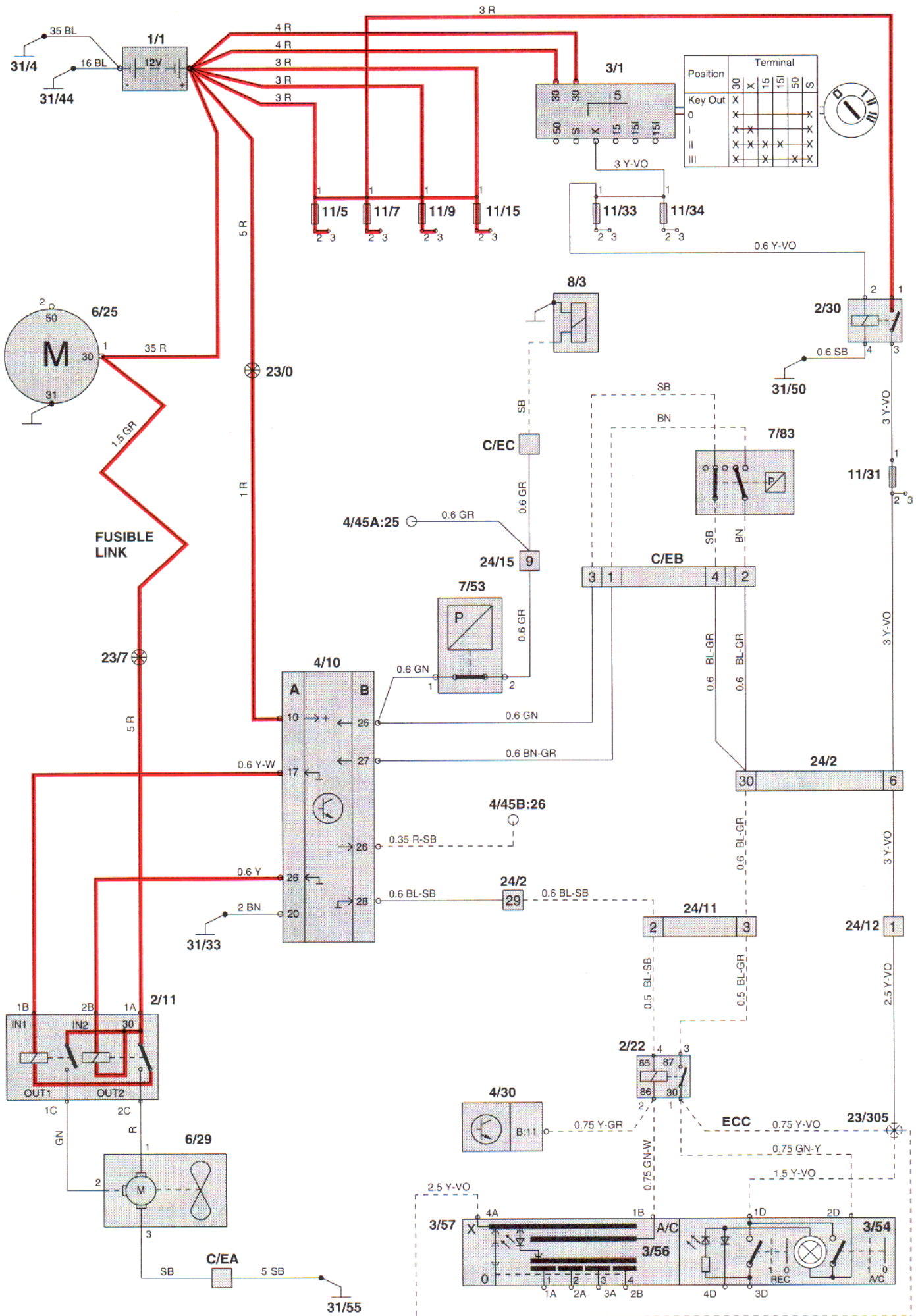
Sequential fuel injection (SFI) system, Motronic 4.3 (B 5204 T, B 5234 T/T5)

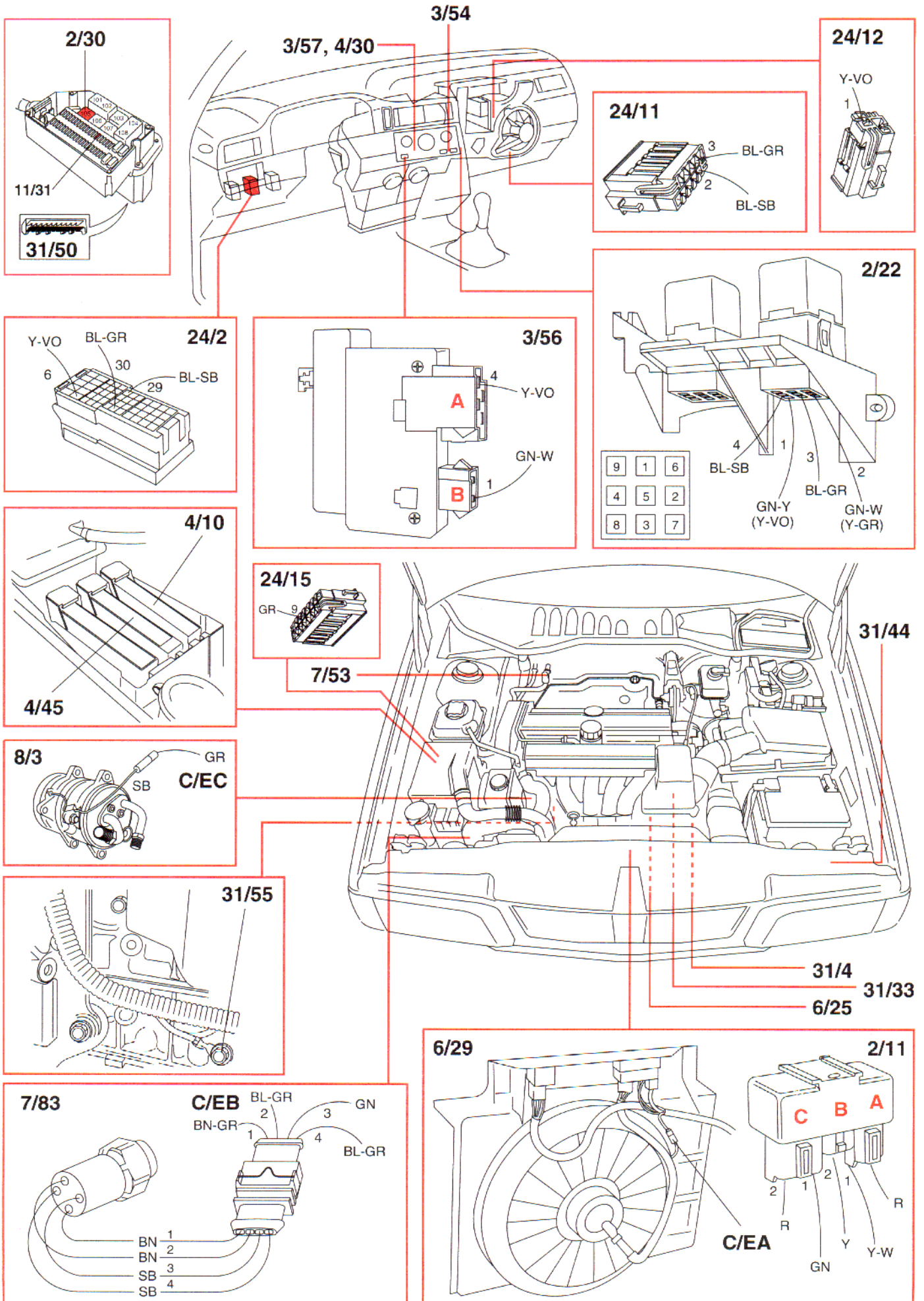


Sequential fuel injection (SFI) system, Motronic 4.3 (B 5254 S)

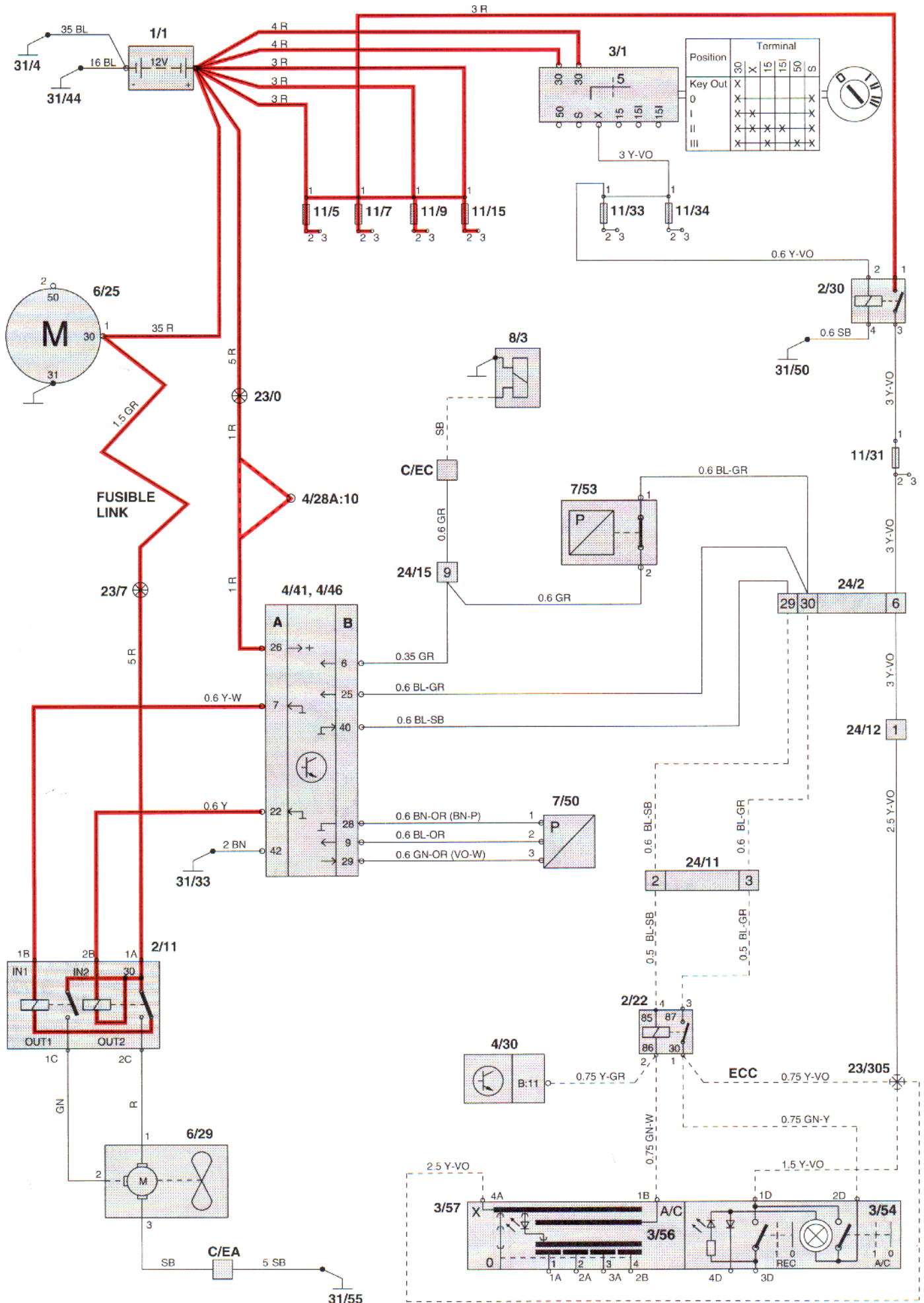


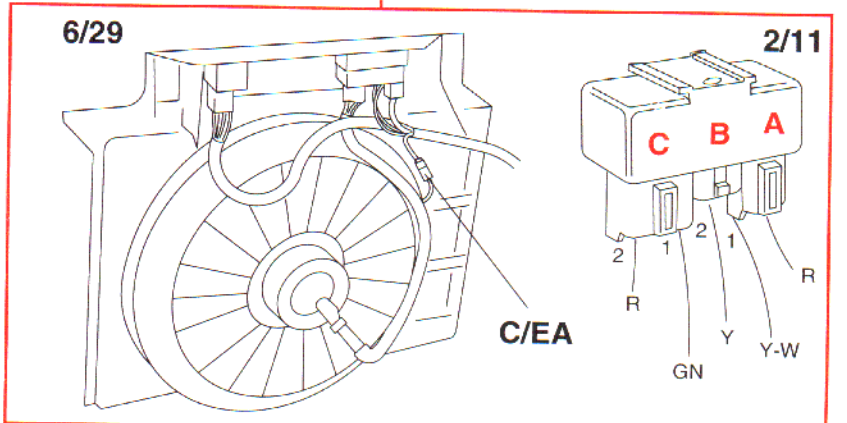
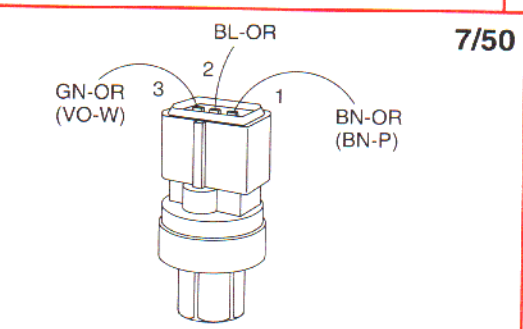
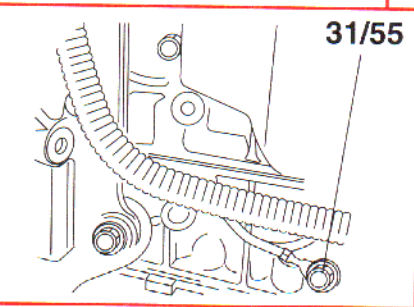
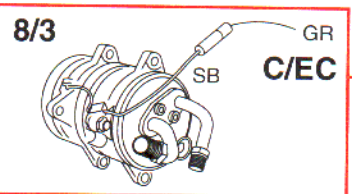
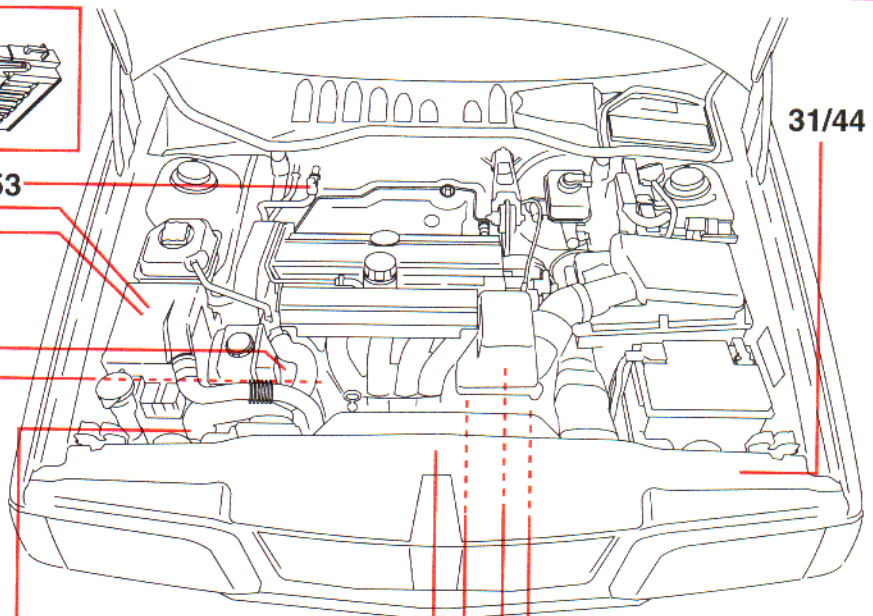
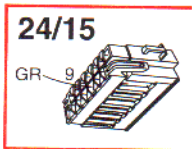
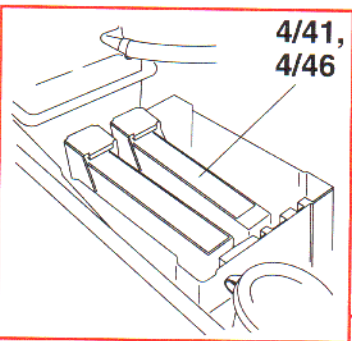
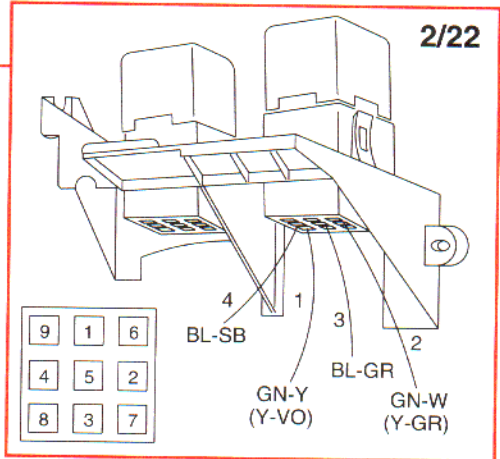
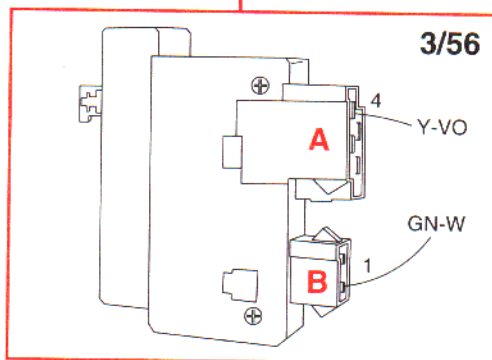
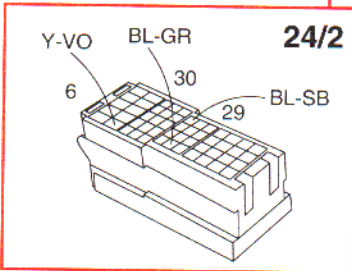
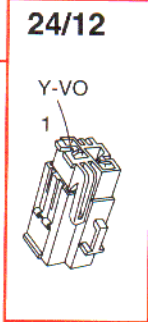
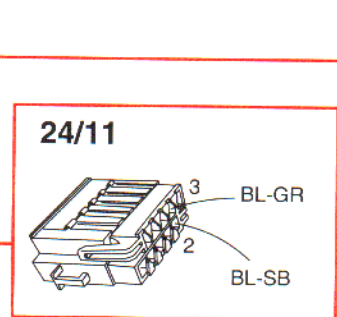
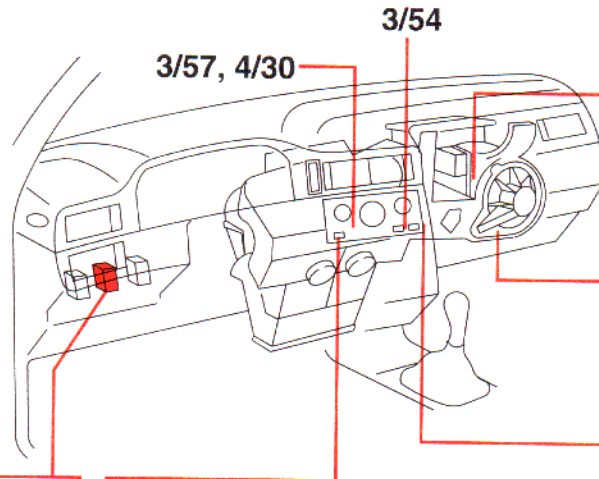
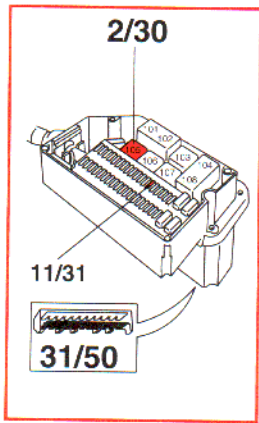
Engine cooling fan (EZ 129 K DI)

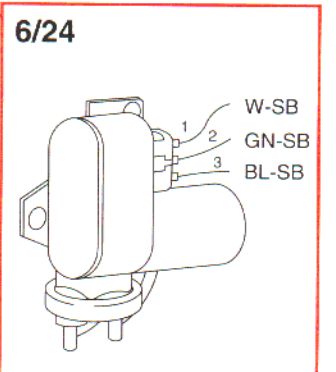
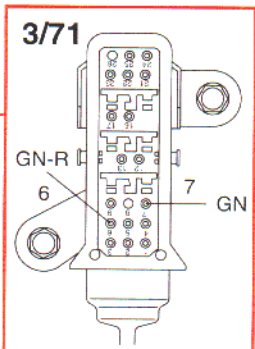
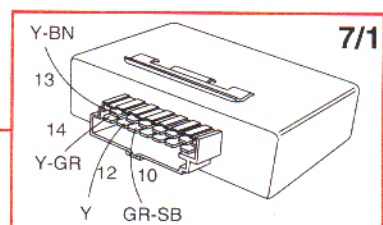
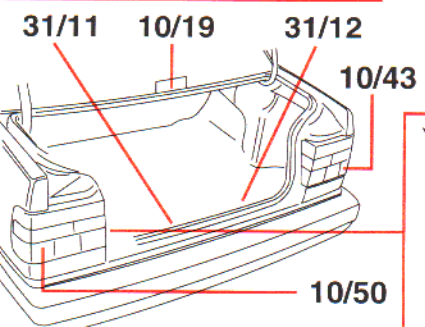
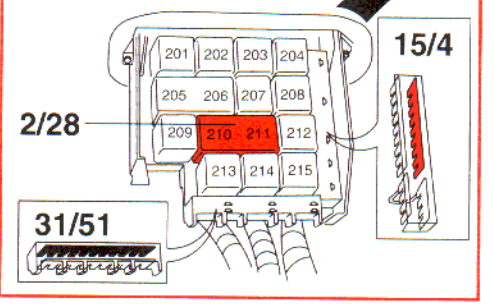
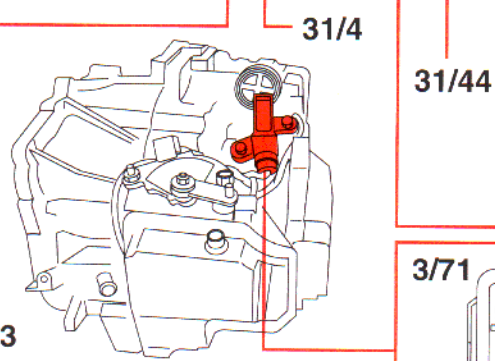
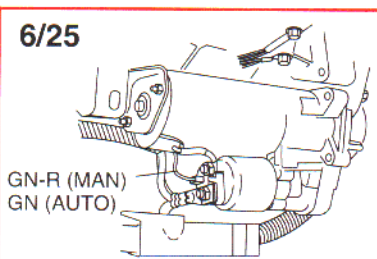
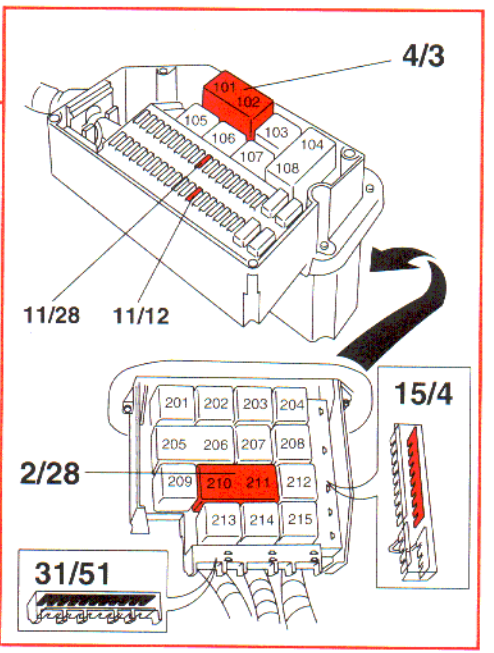
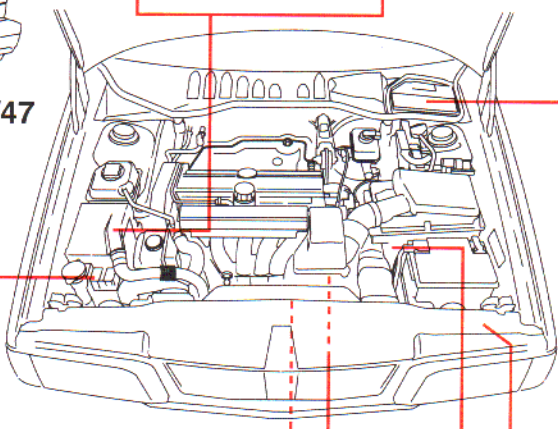
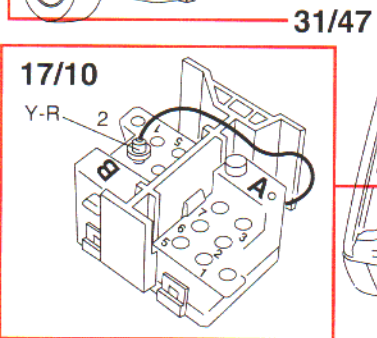
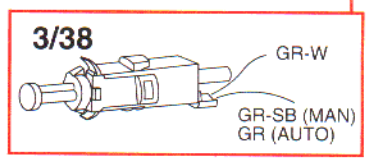
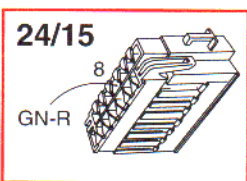
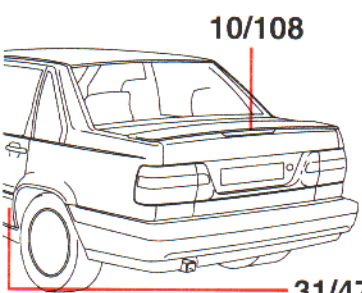
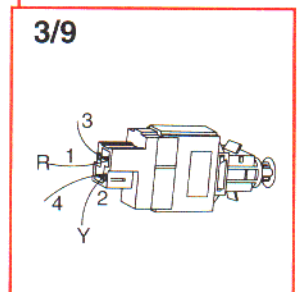
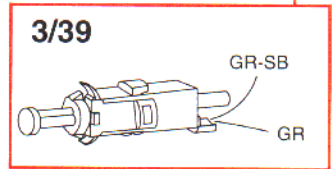
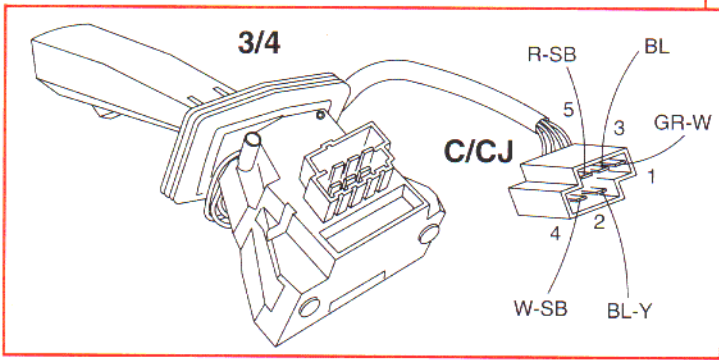
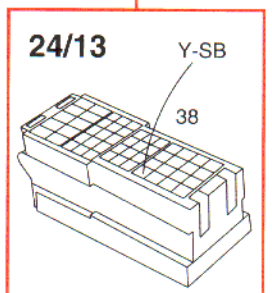
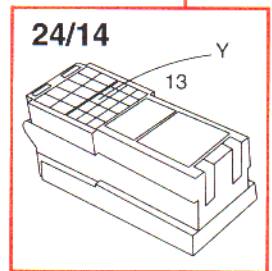
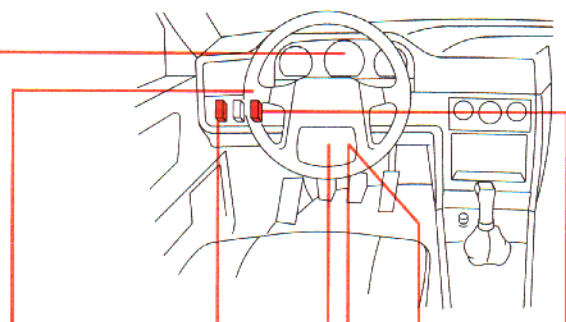
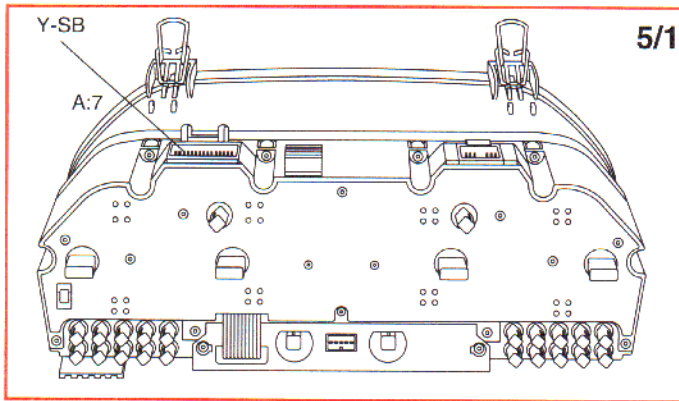


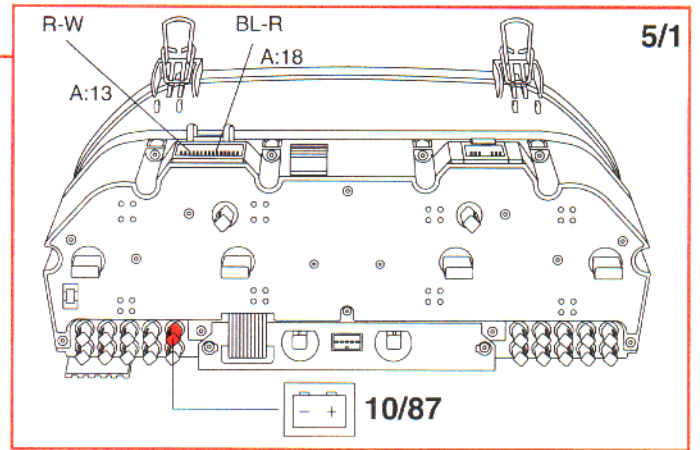
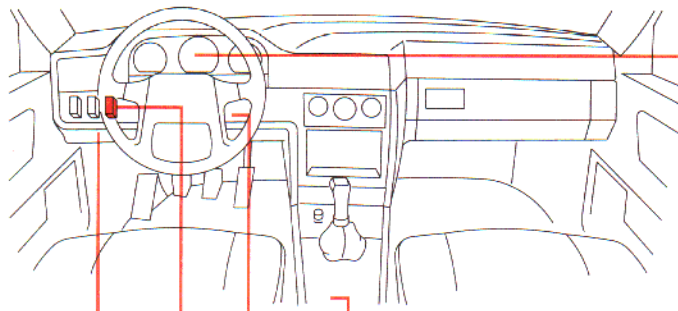


Engine cooling fan (Fenix 5.2, Motronic 4.3 SFI)

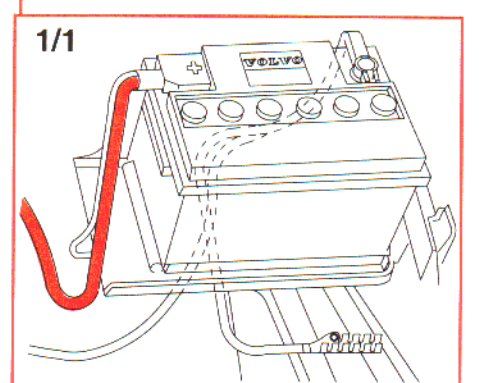
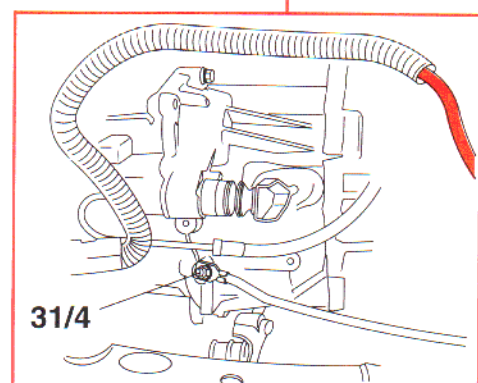
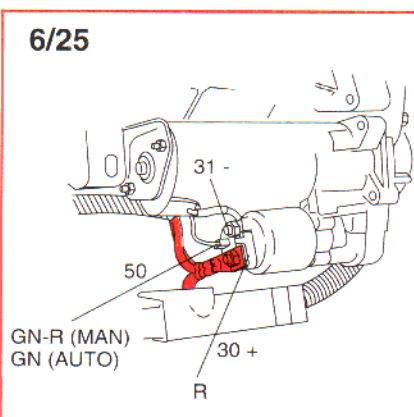
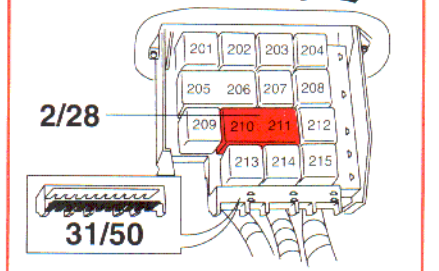
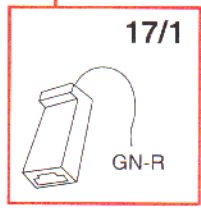
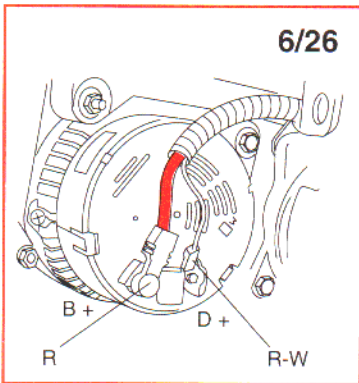
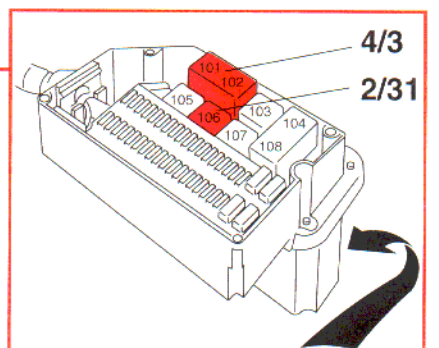
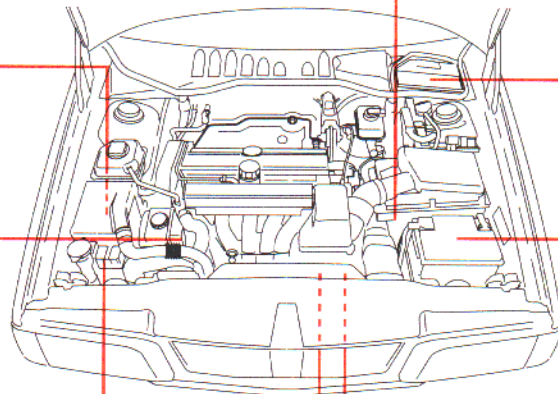
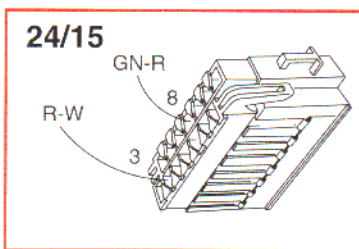
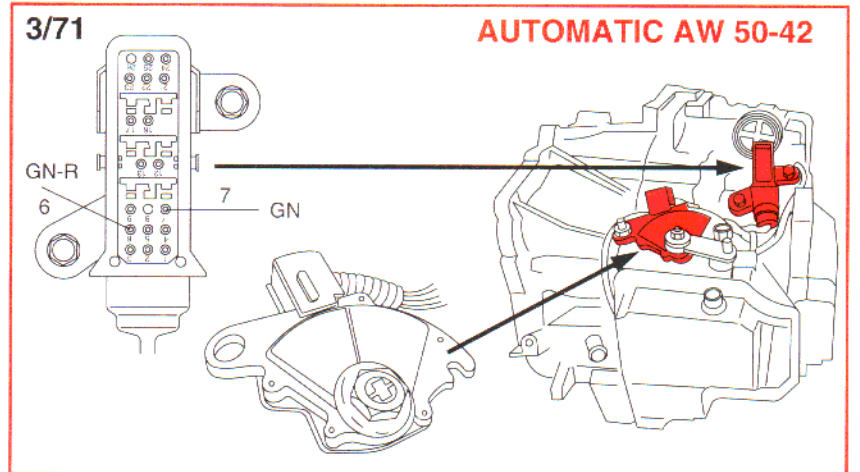
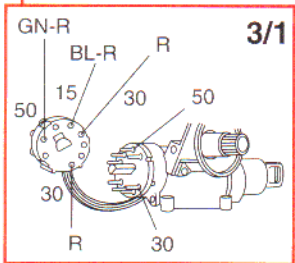
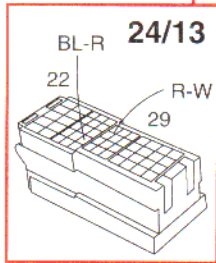
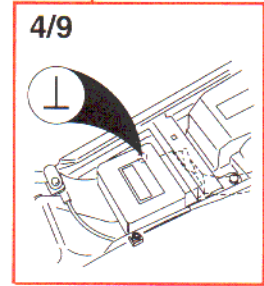
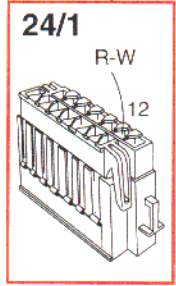


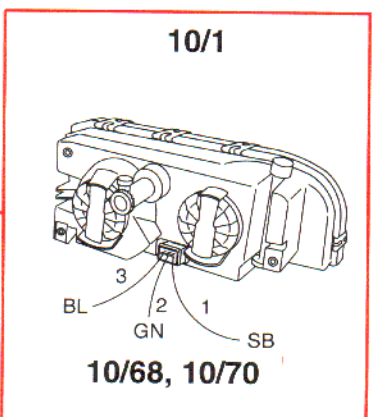
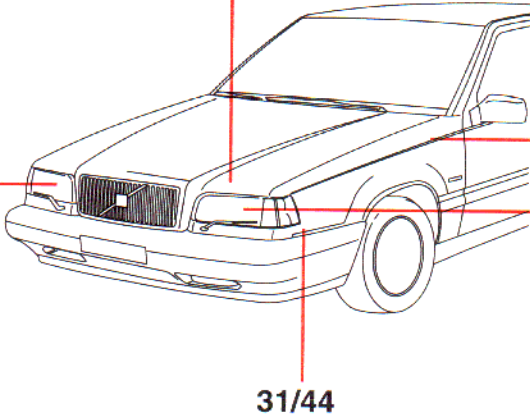
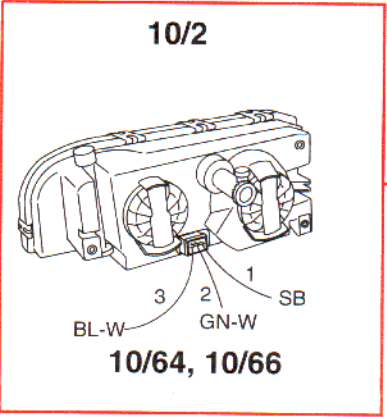
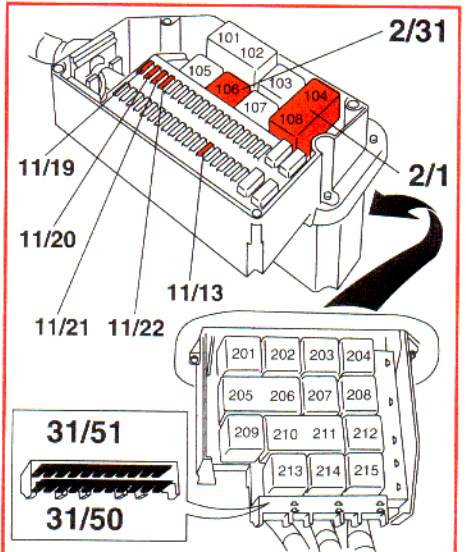
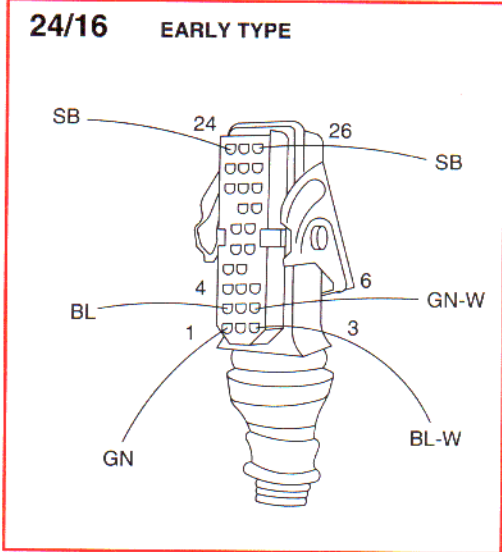
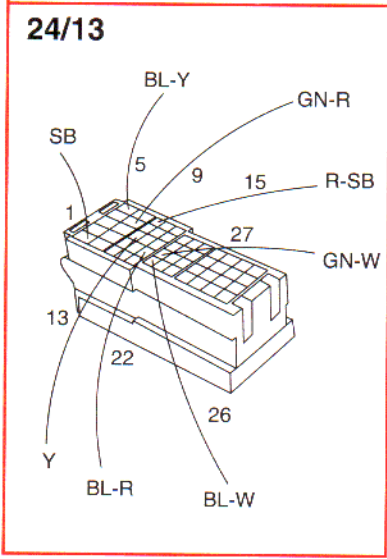
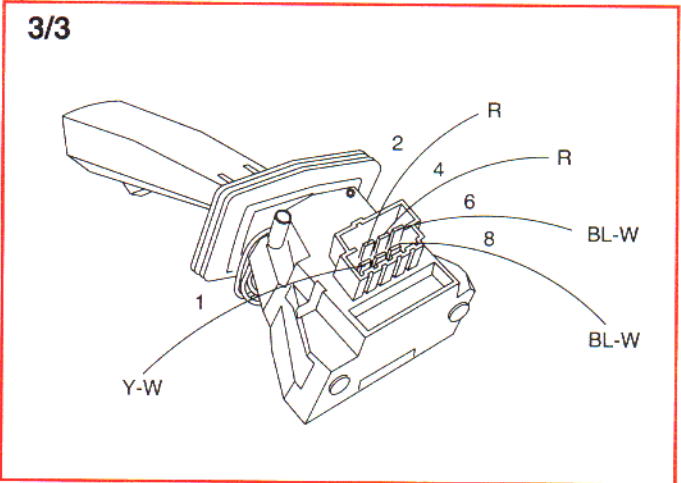
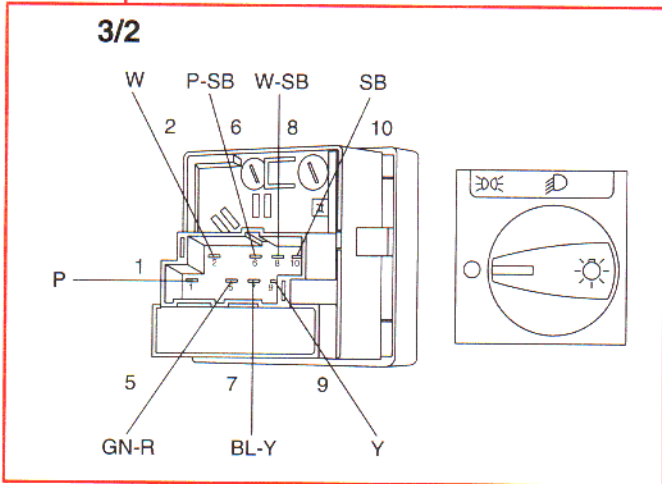
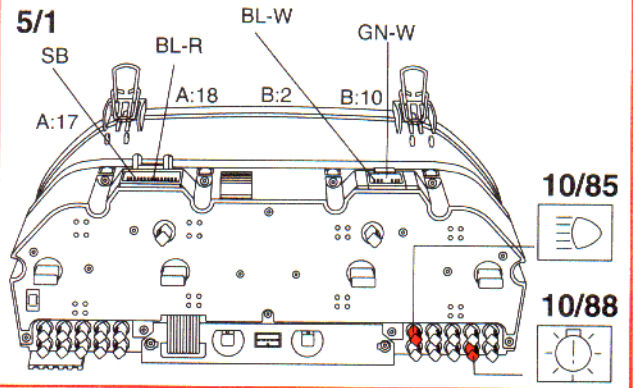
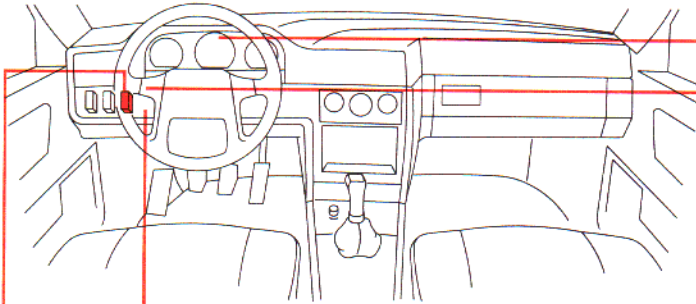


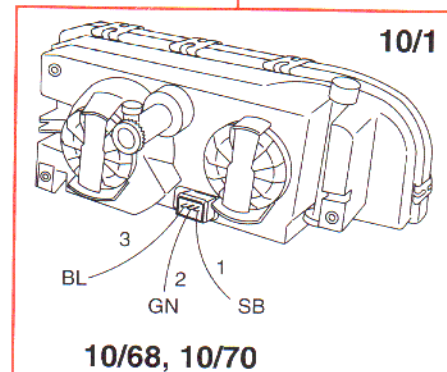
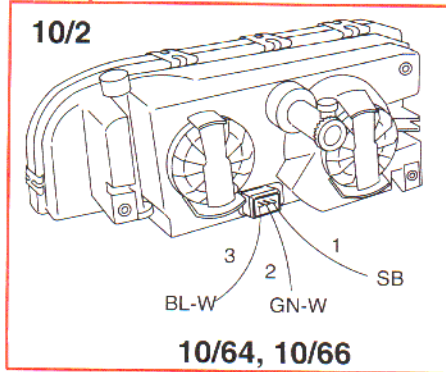
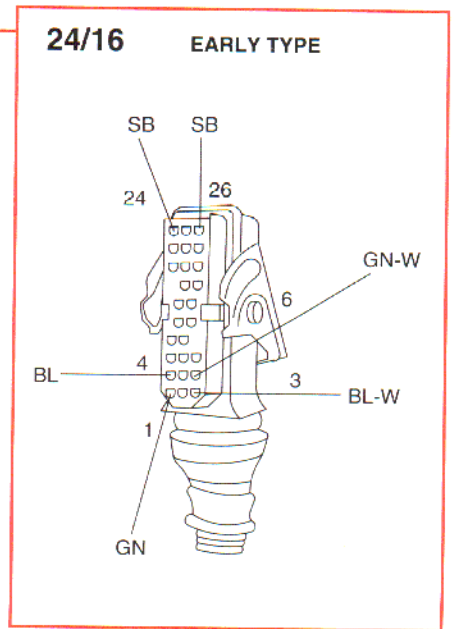
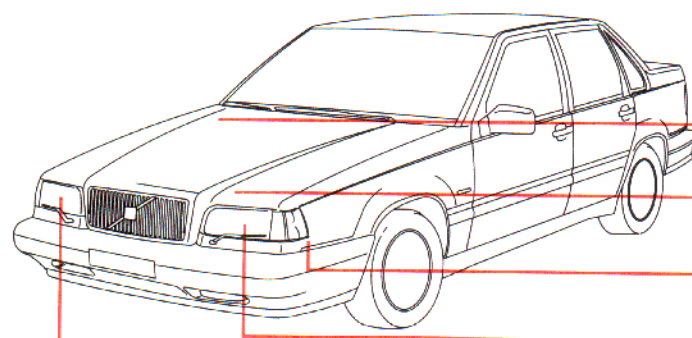
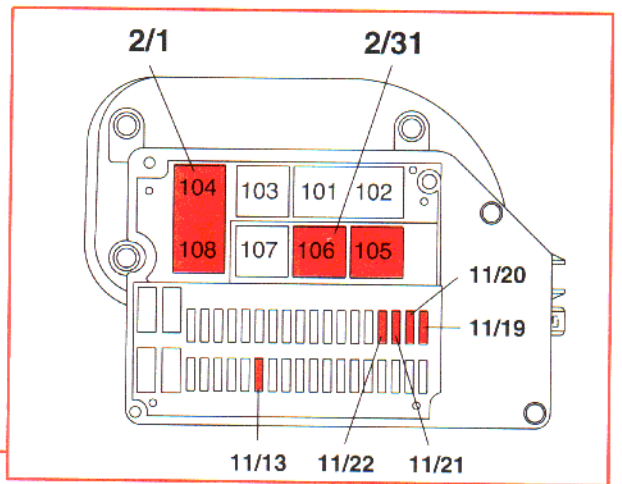
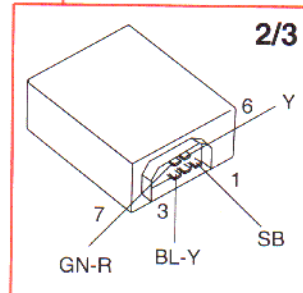
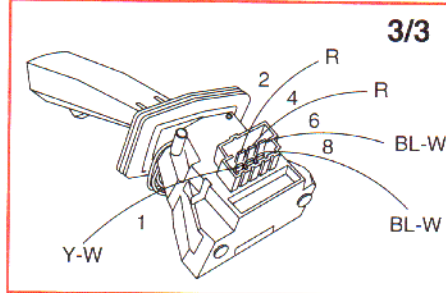
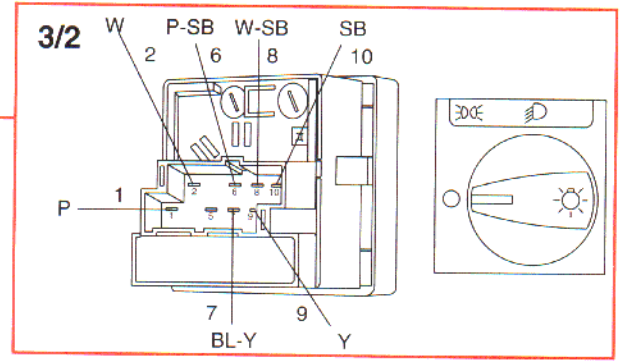
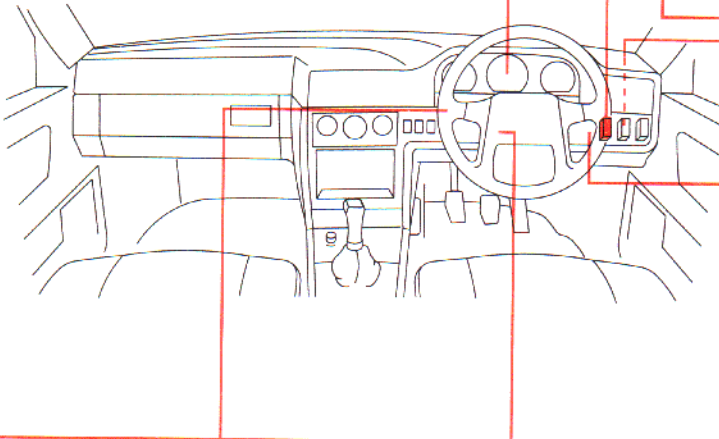
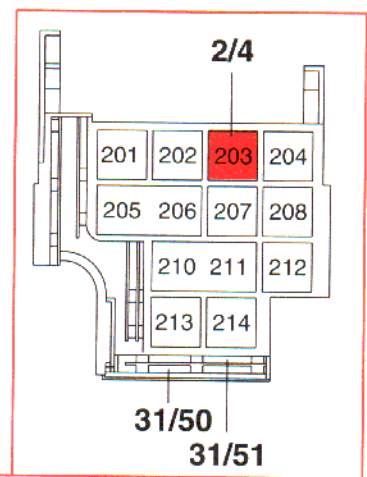
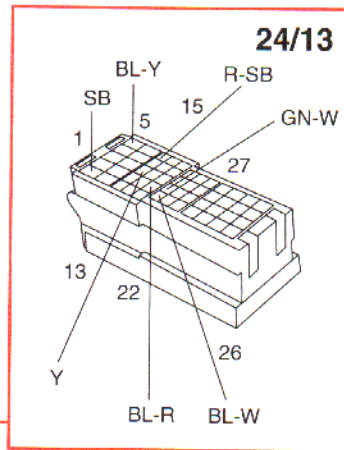
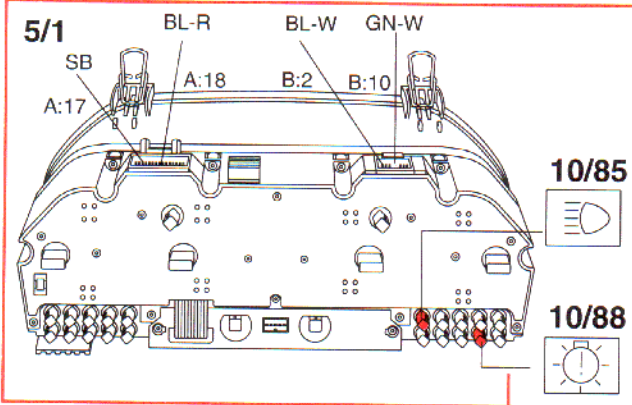




5/1

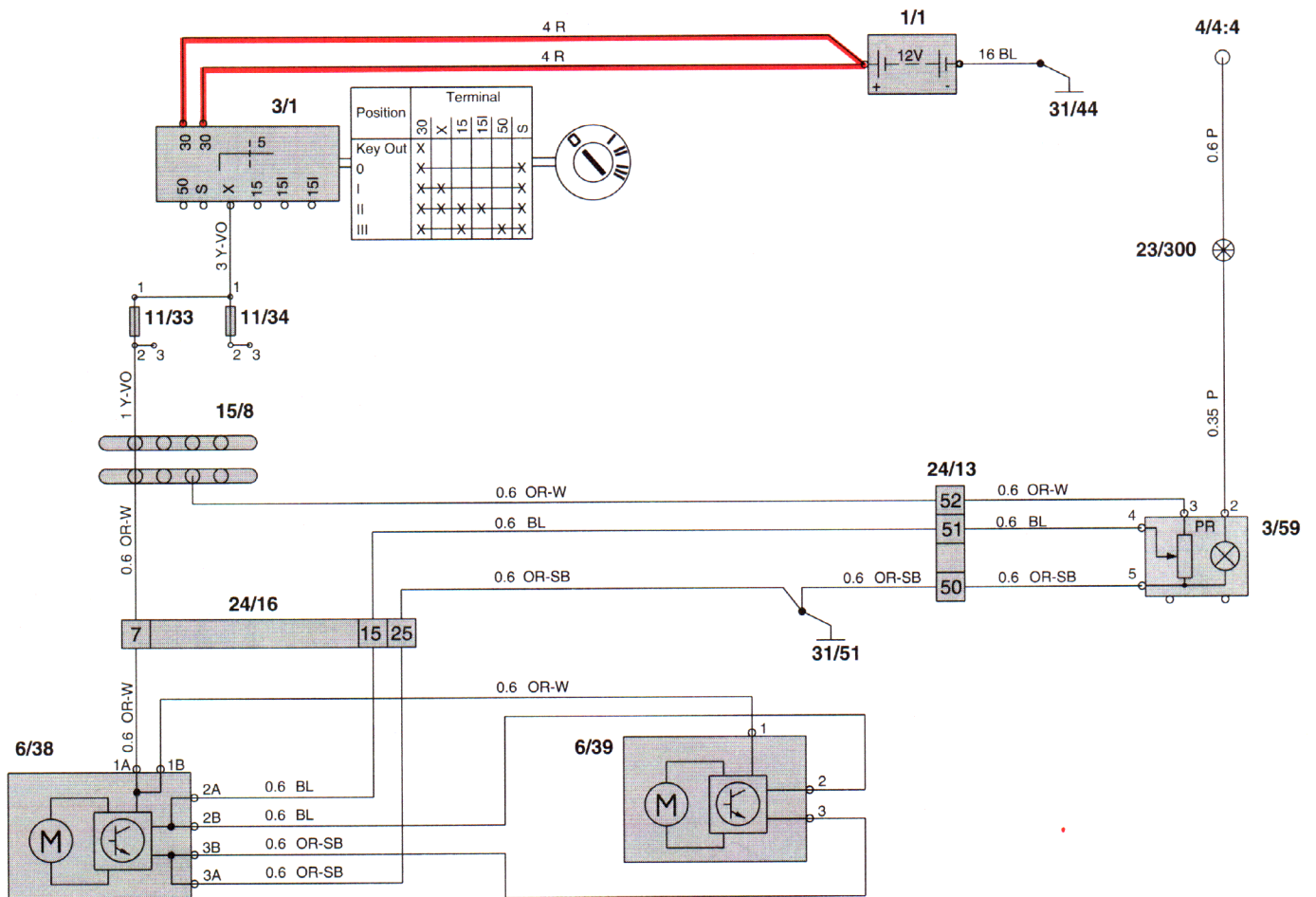




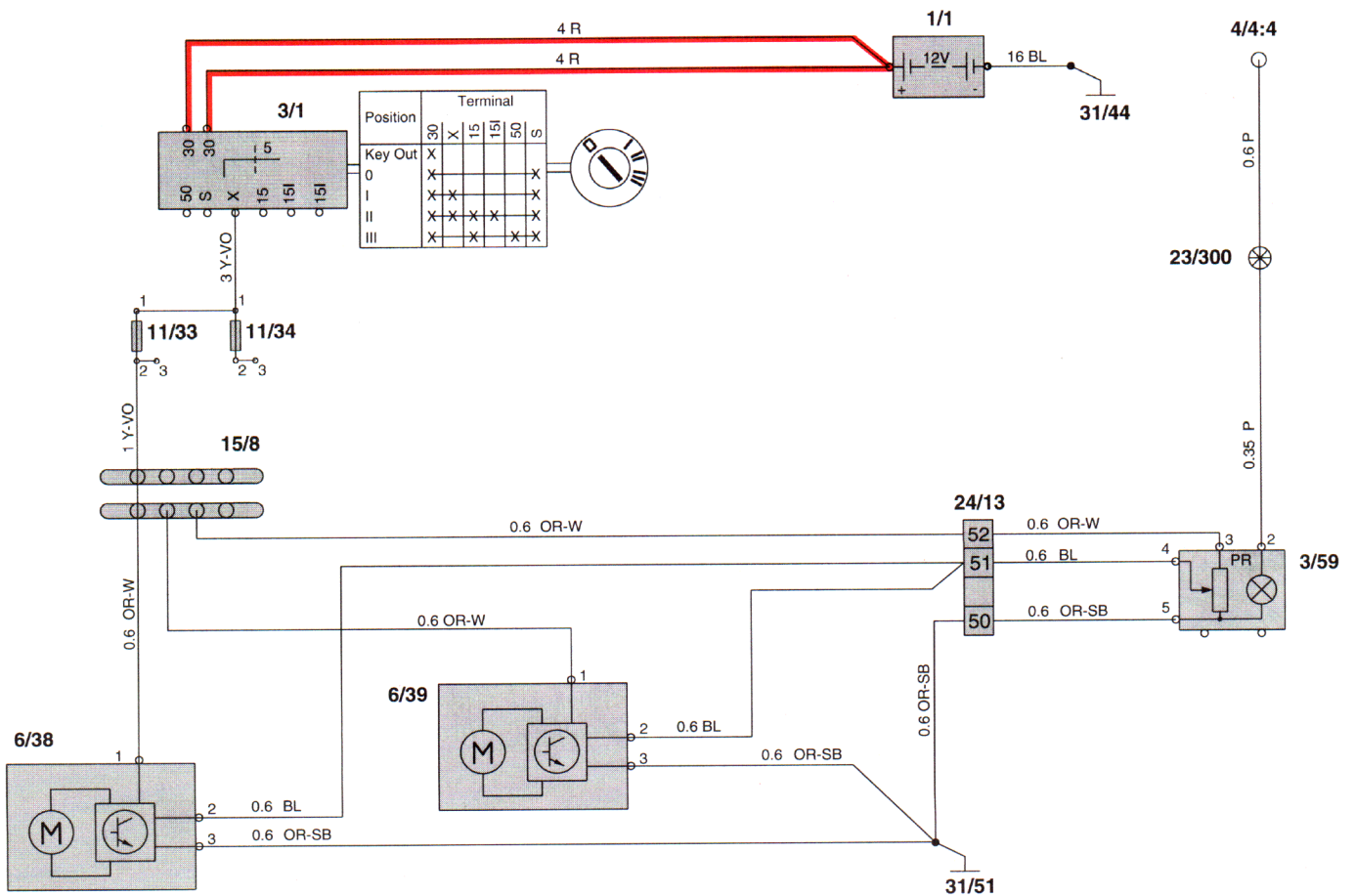


31/44

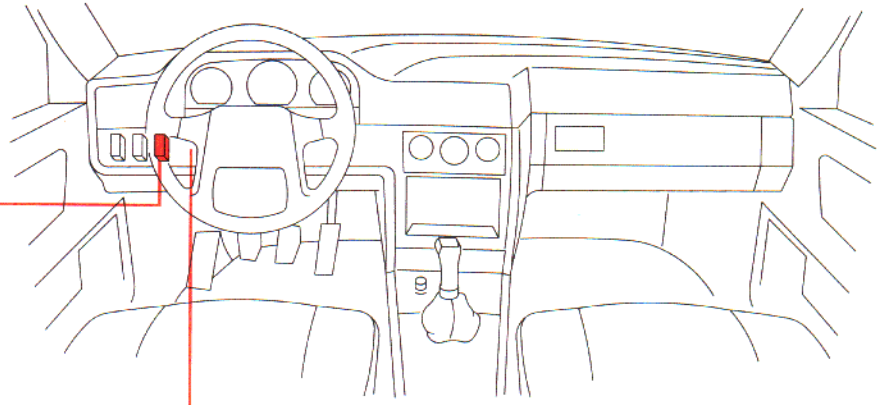
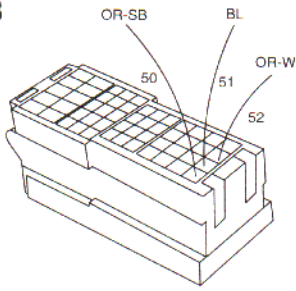
Beam width control, early version



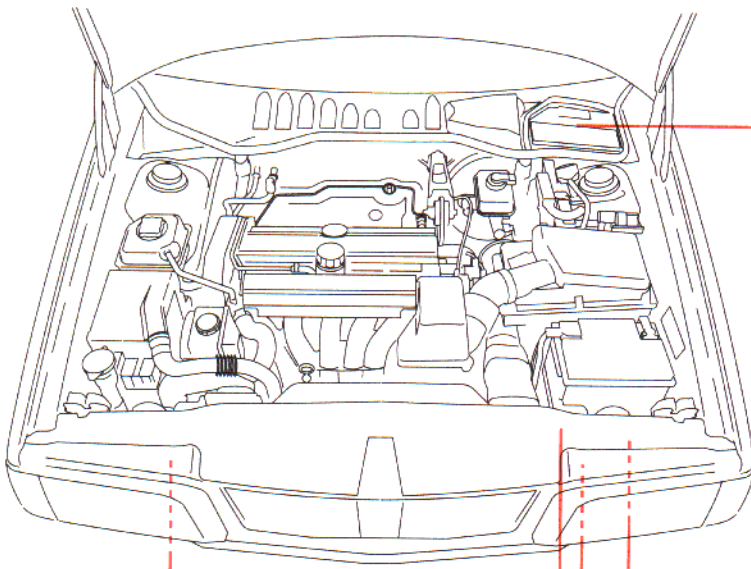
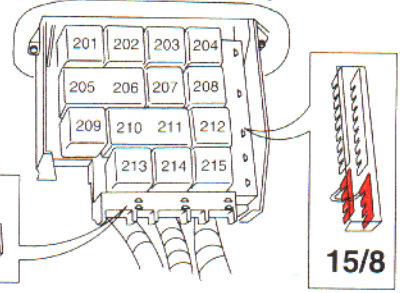
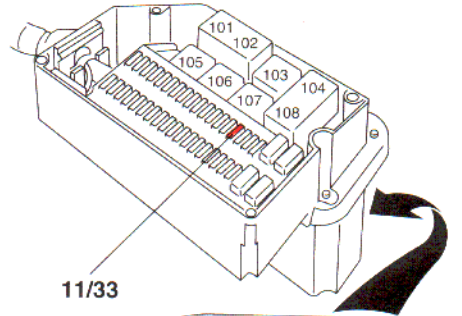
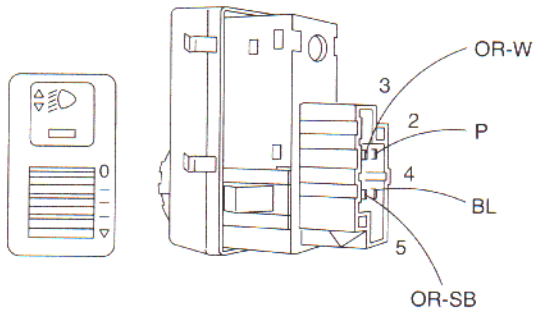
Beam width control, late version



24/13



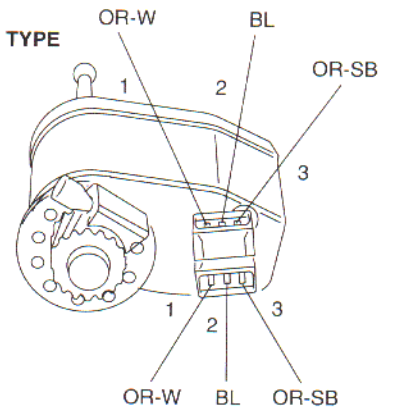
3/59



31/44

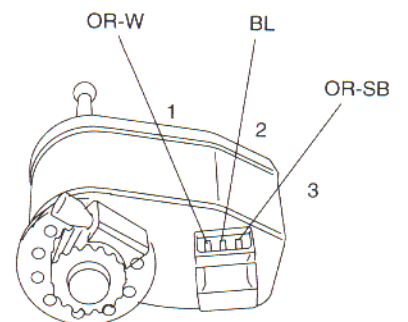
6/38

EARLY TYPE

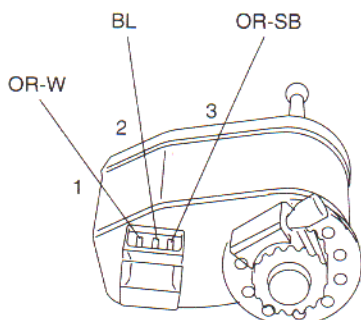


6/38

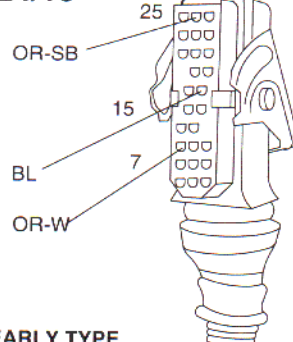
LATE TYPE



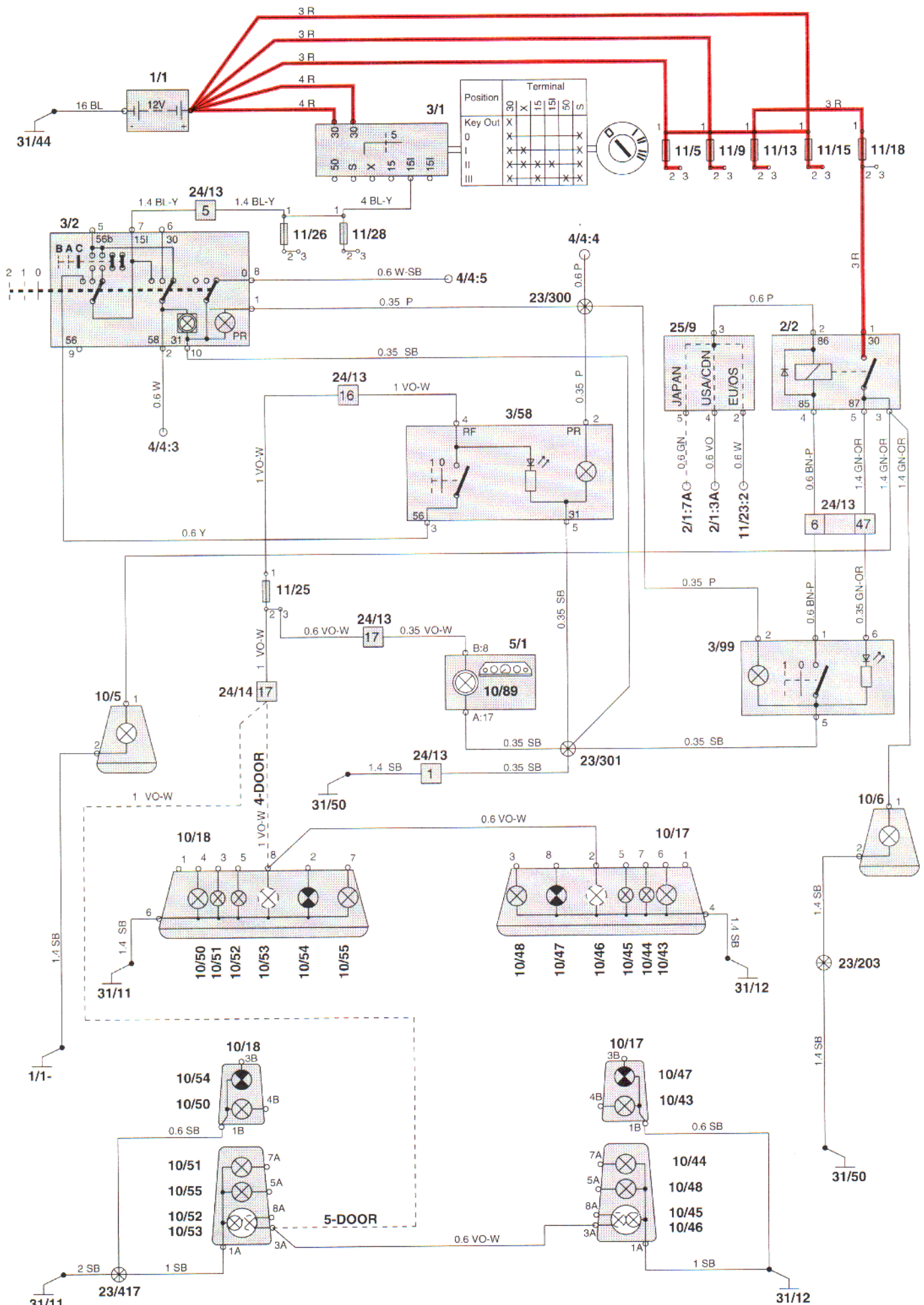
6/39

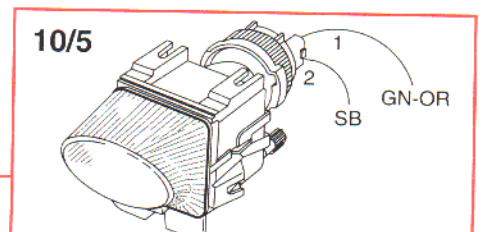
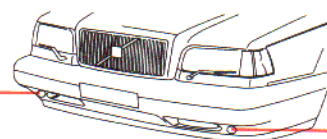
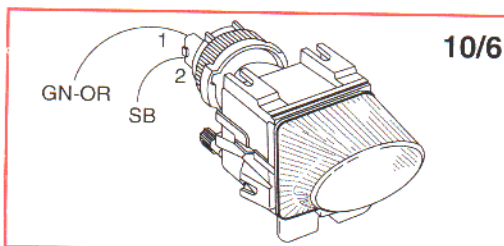
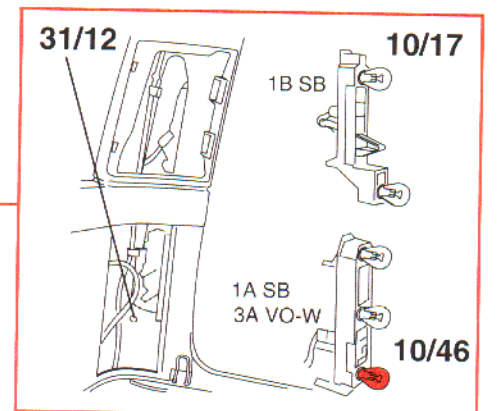
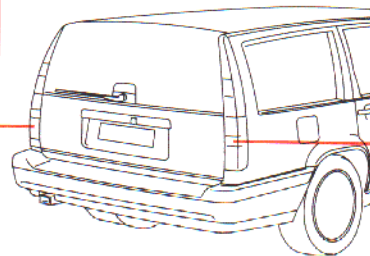
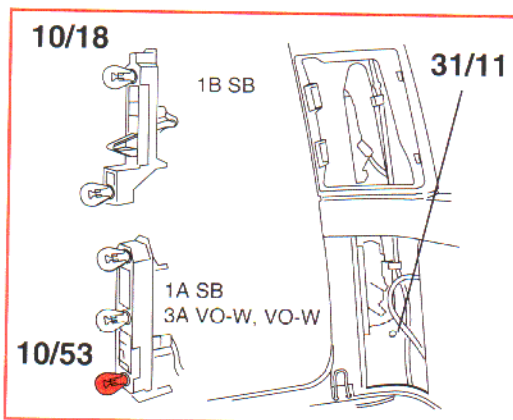
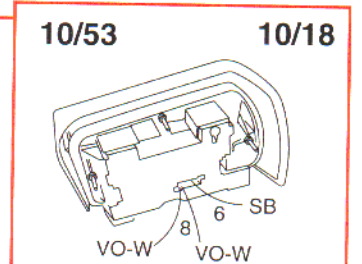
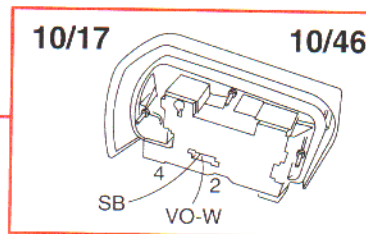
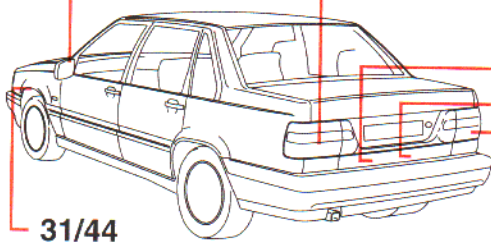
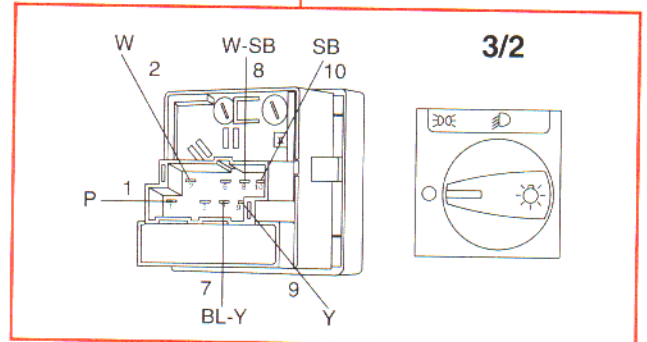
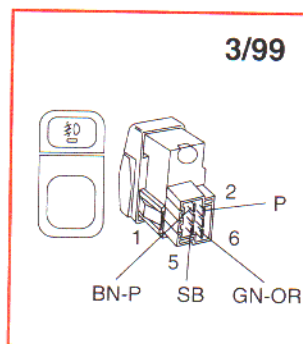
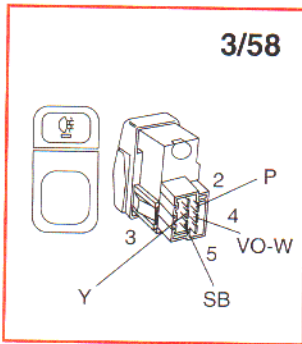
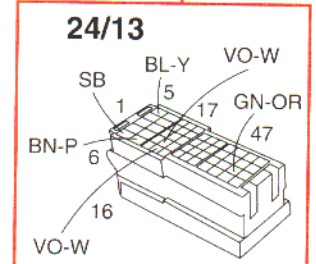
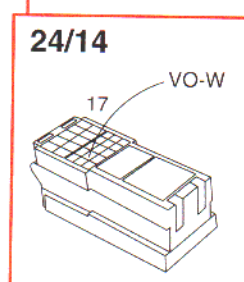
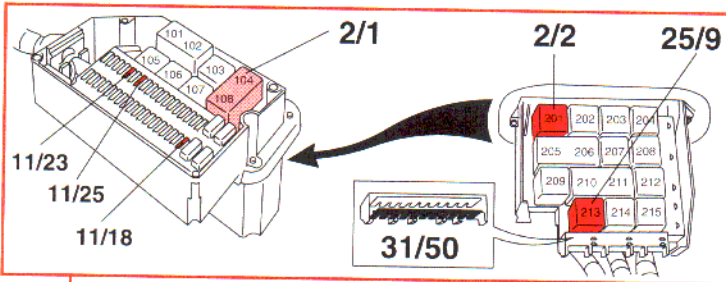
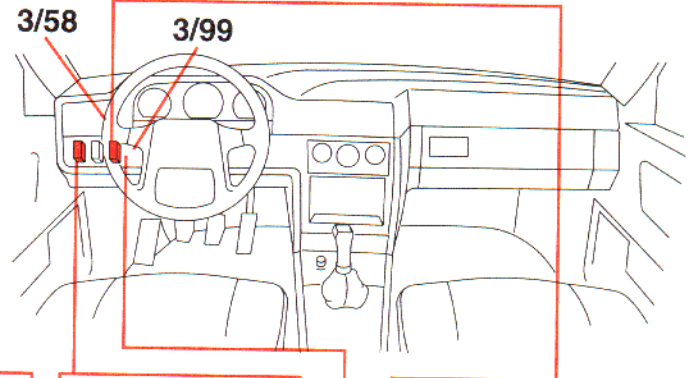
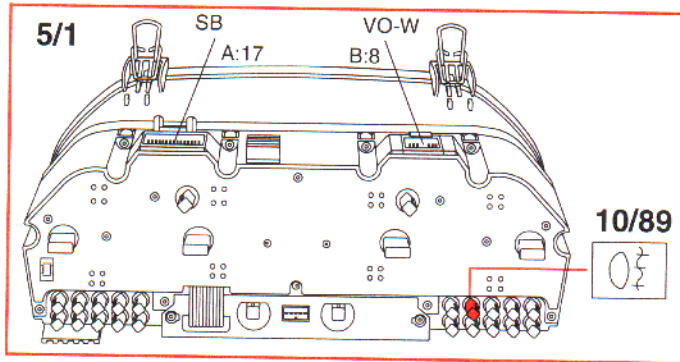


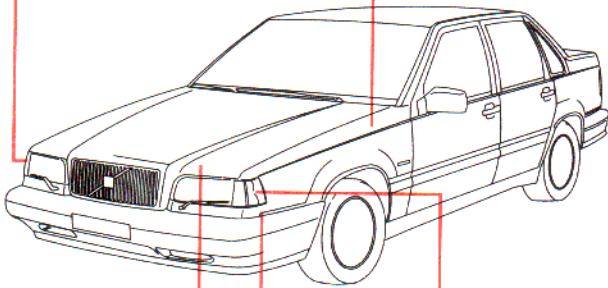
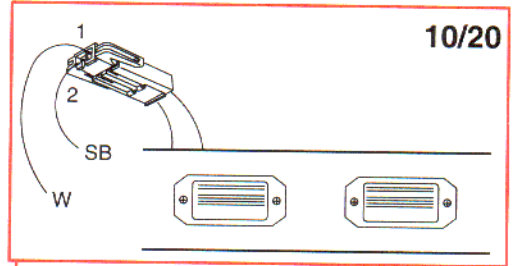
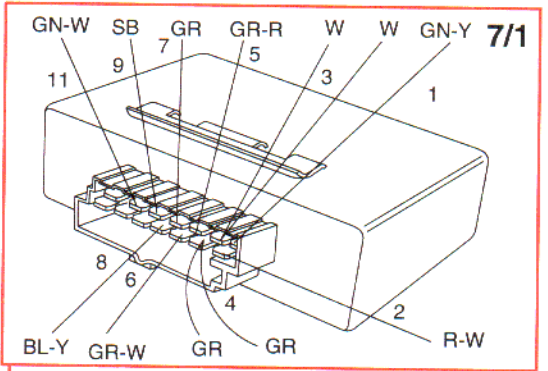
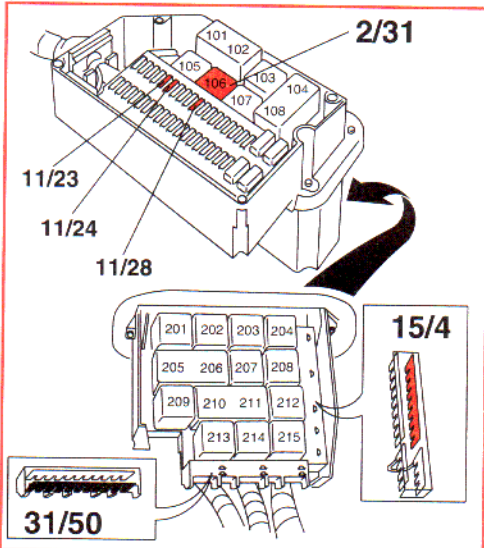
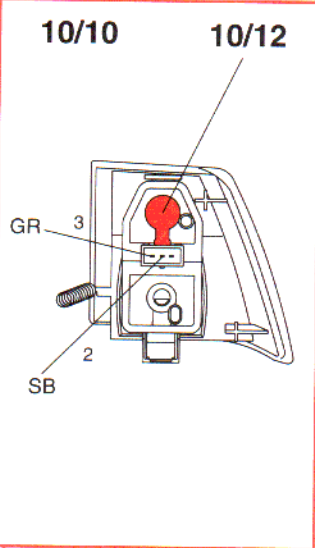
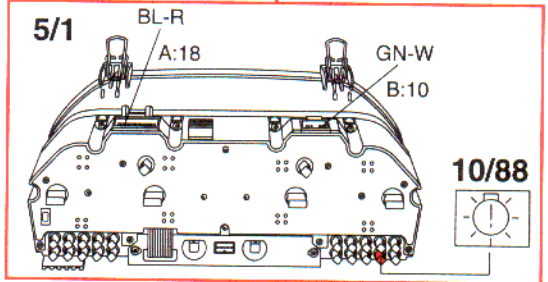
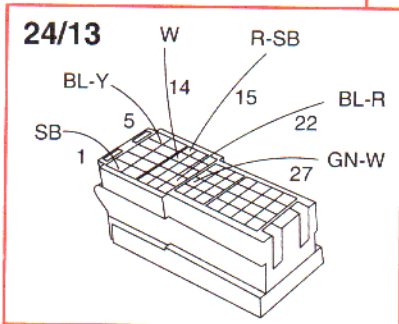
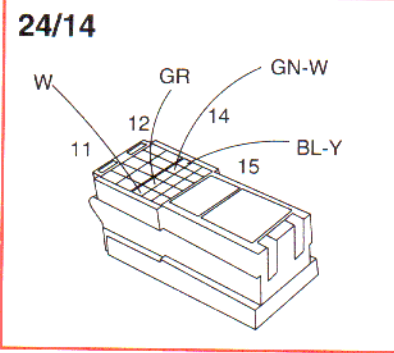
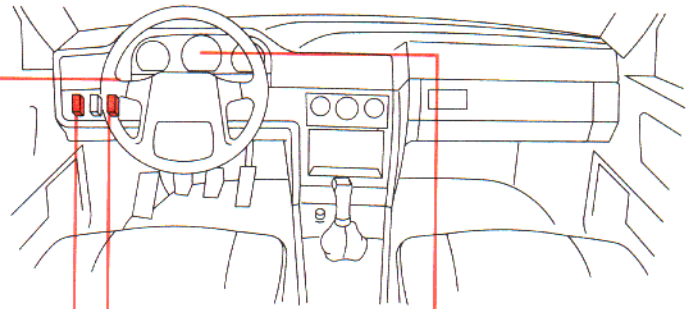
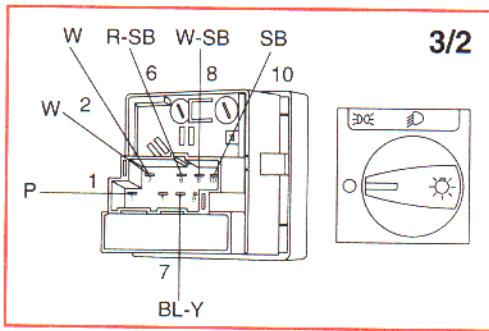
24/16



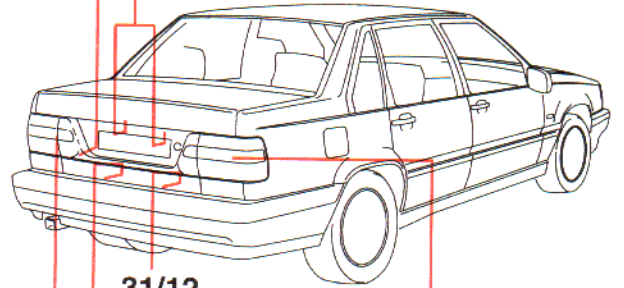
Fog lights



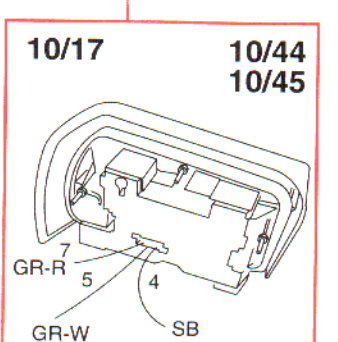
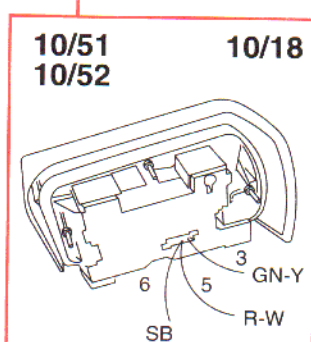
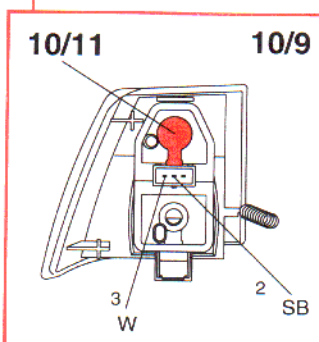
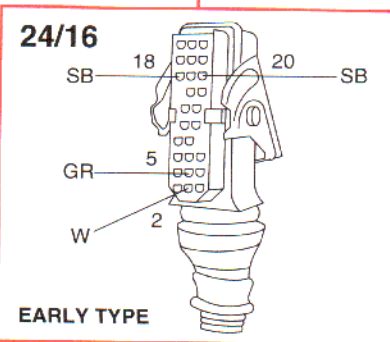


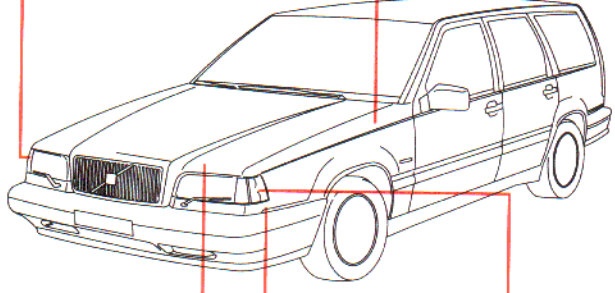
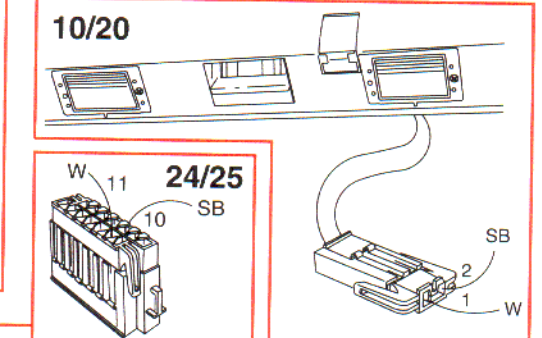
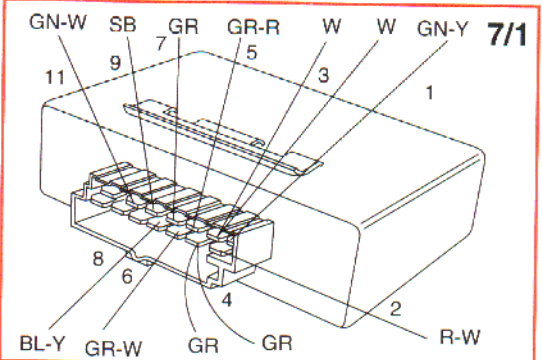
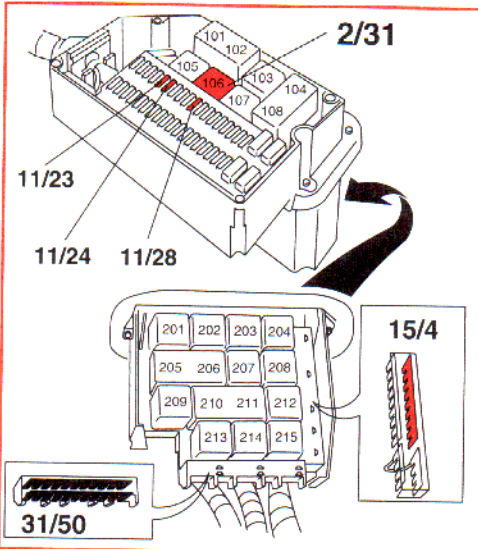
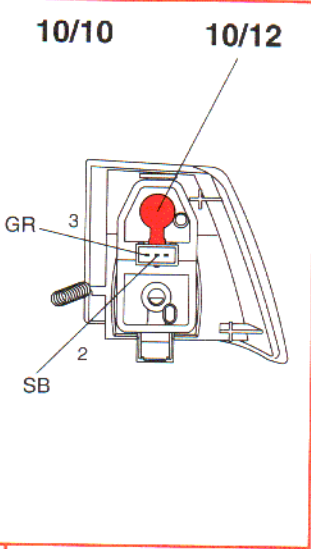
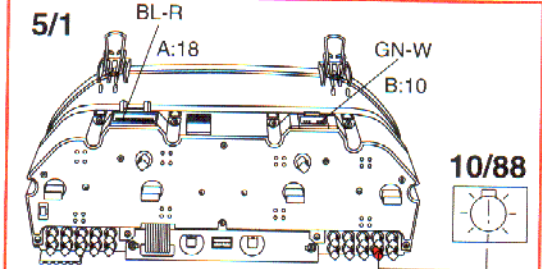
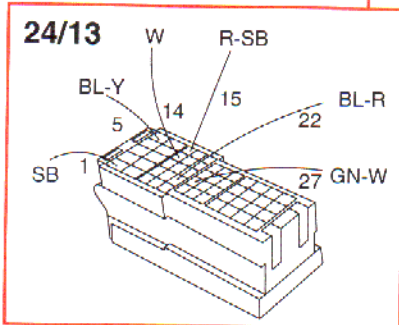
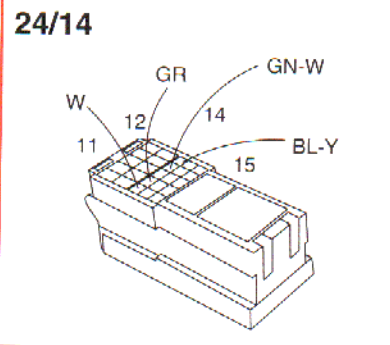
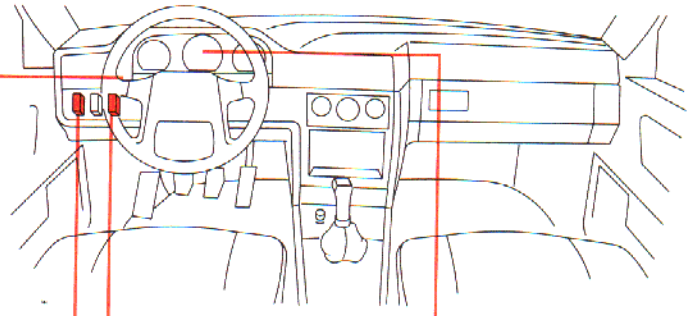
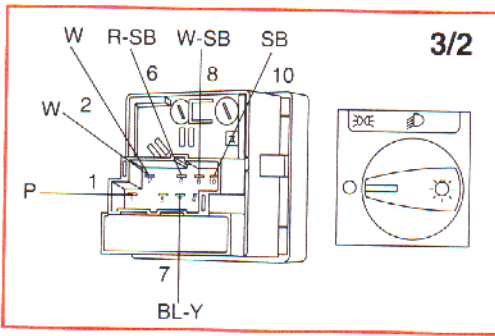


31/44

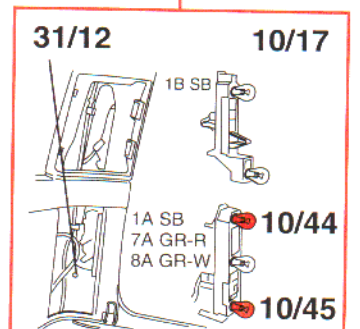
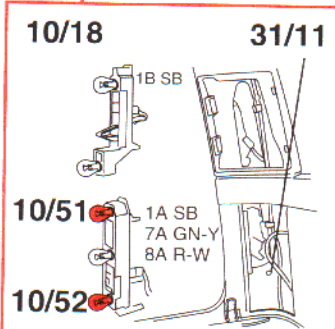
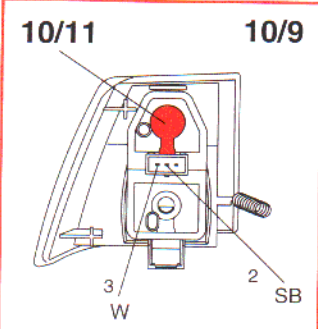
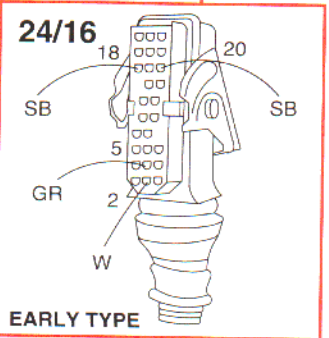
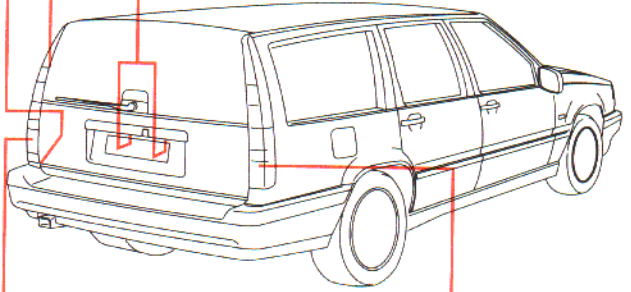


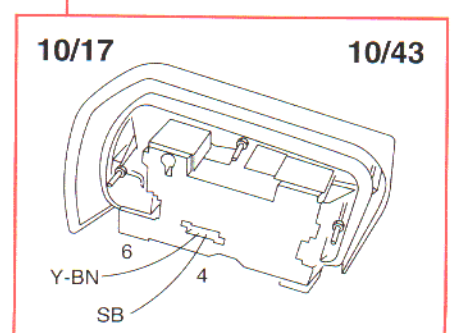
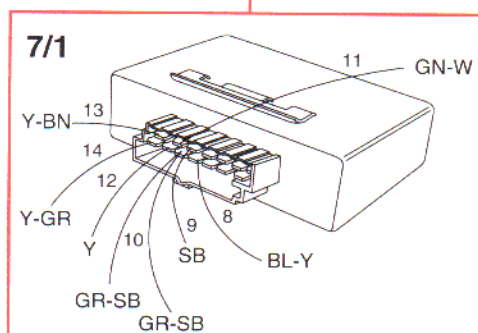
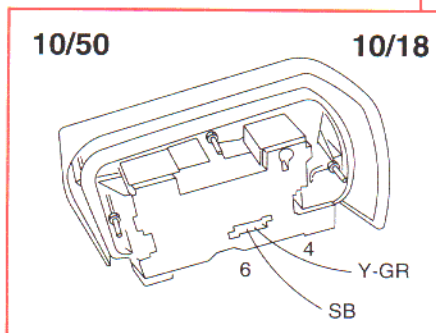
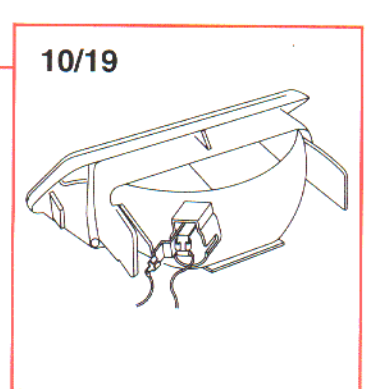
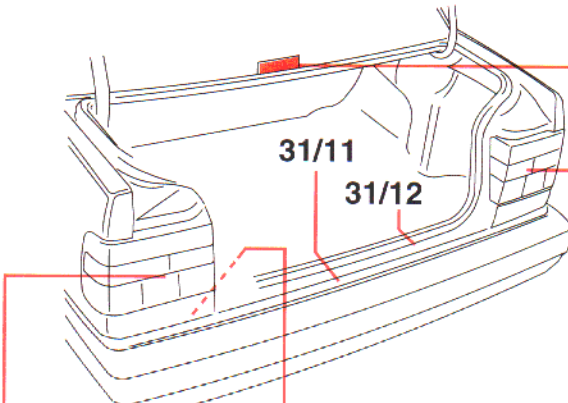
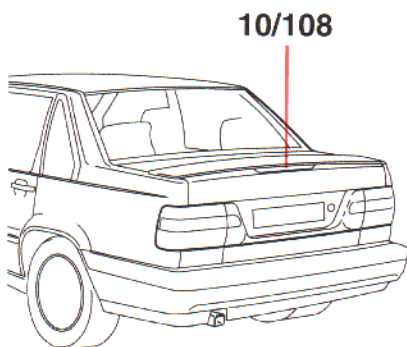
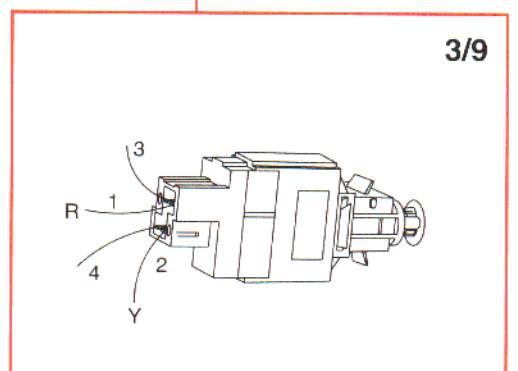
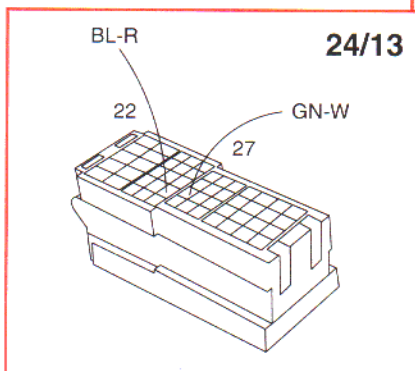
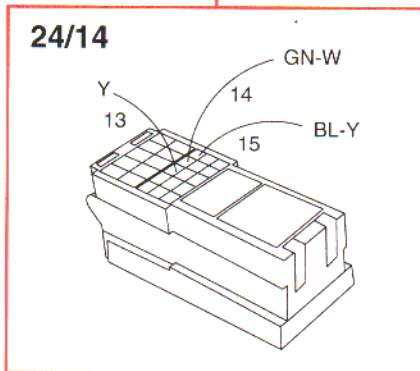
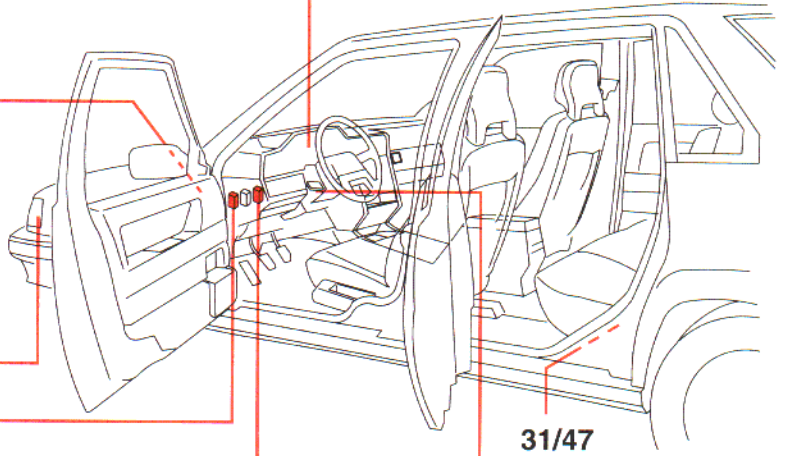
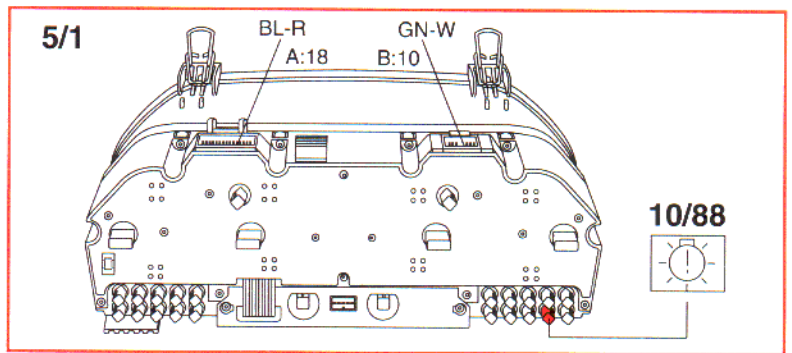
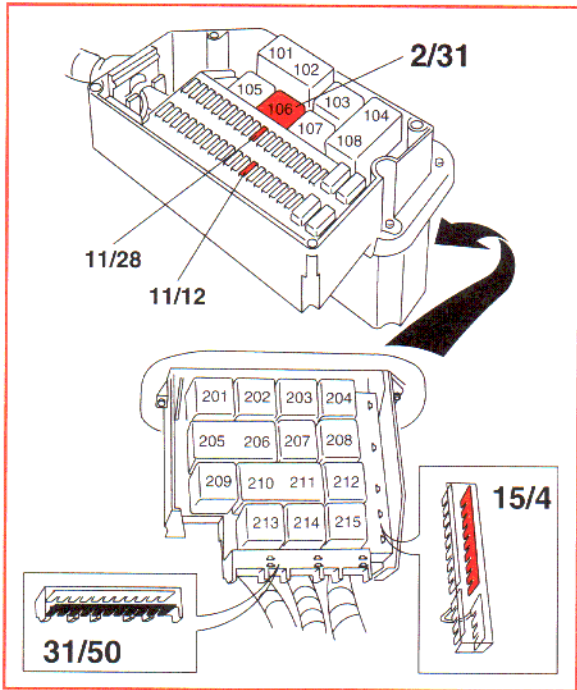
31/12
31/11



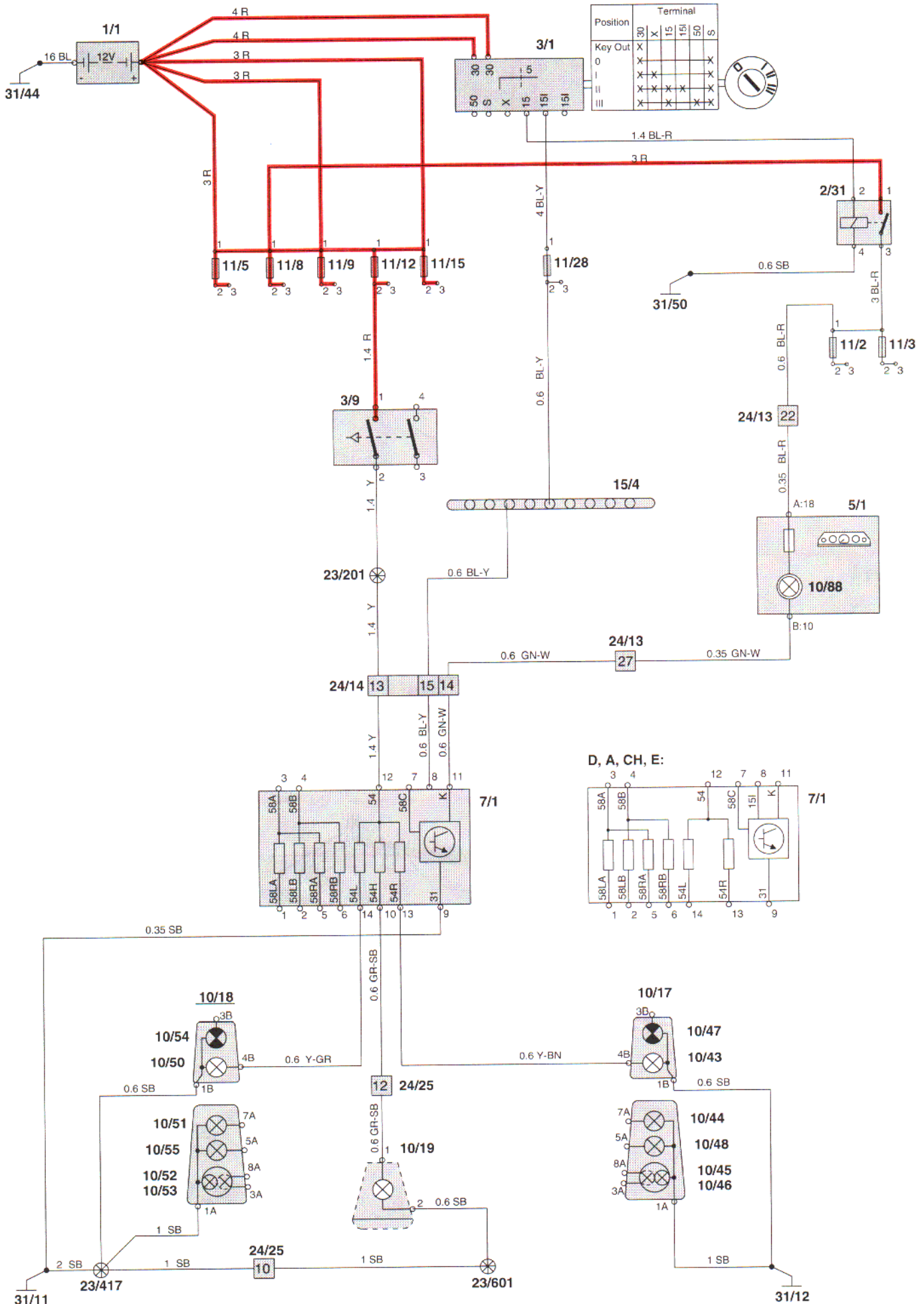


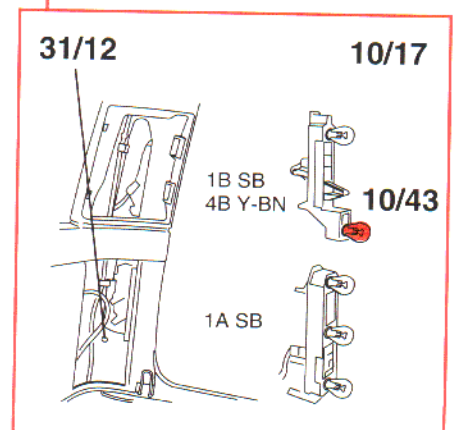
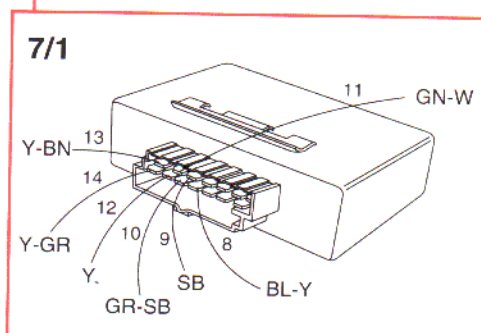
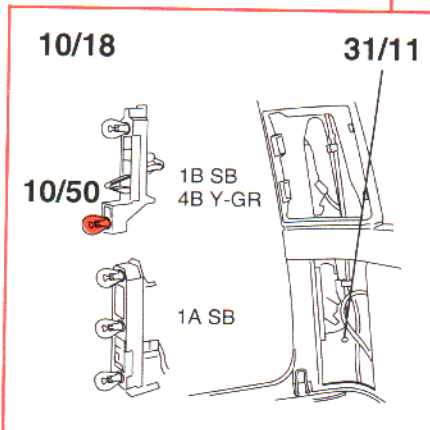
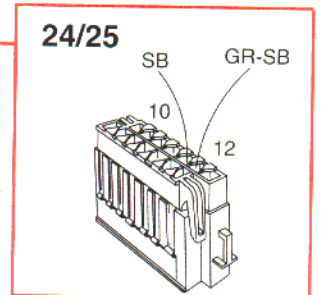
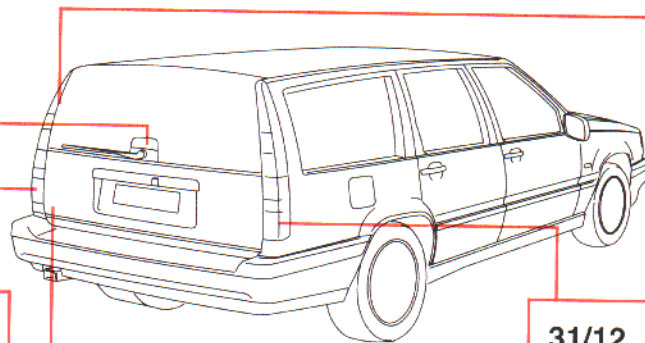
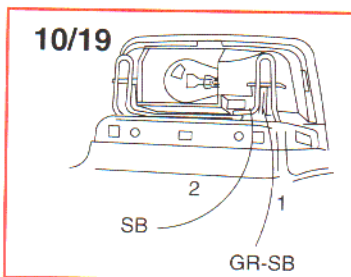
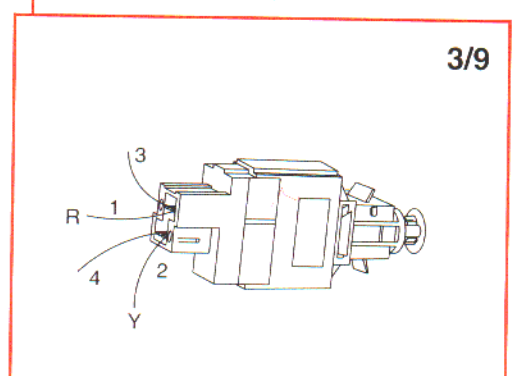
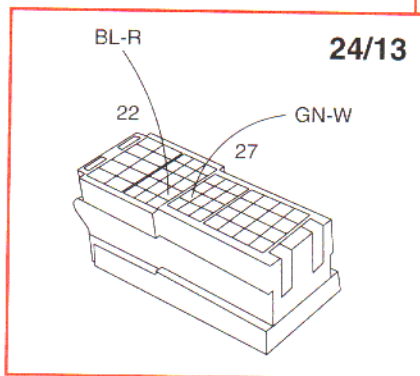
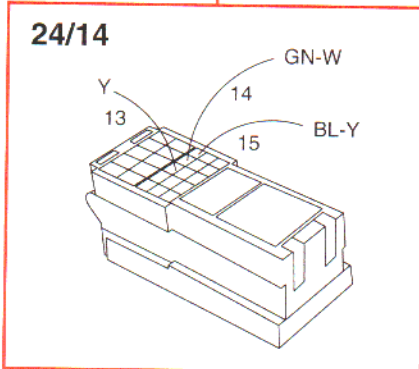
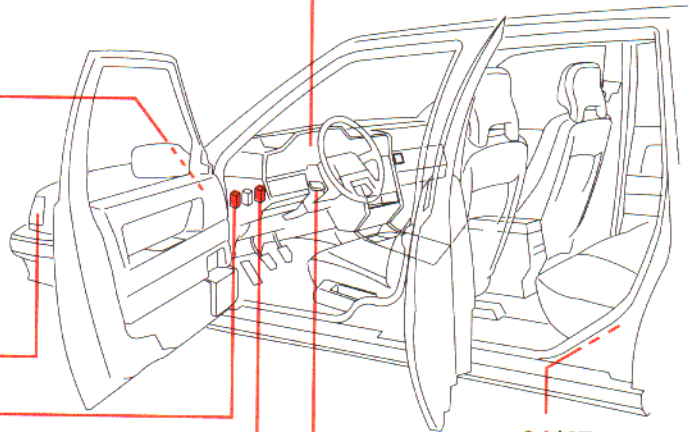
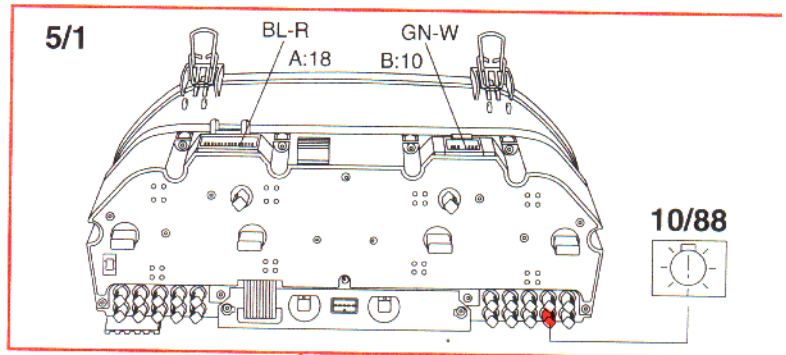
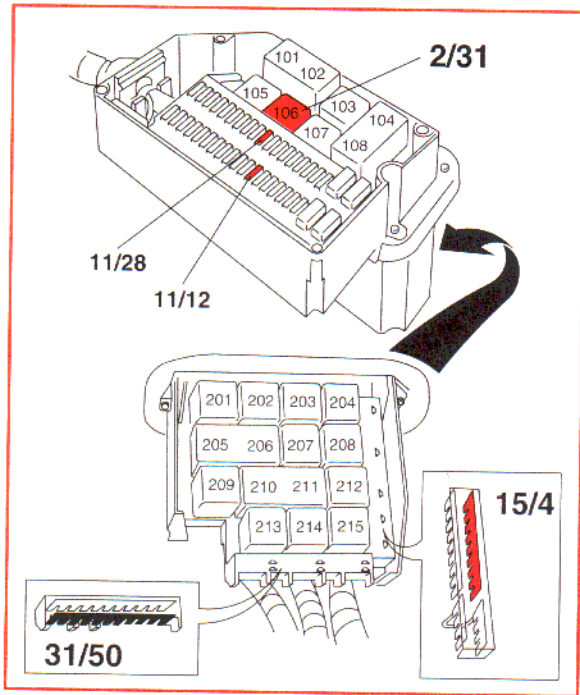
31/44



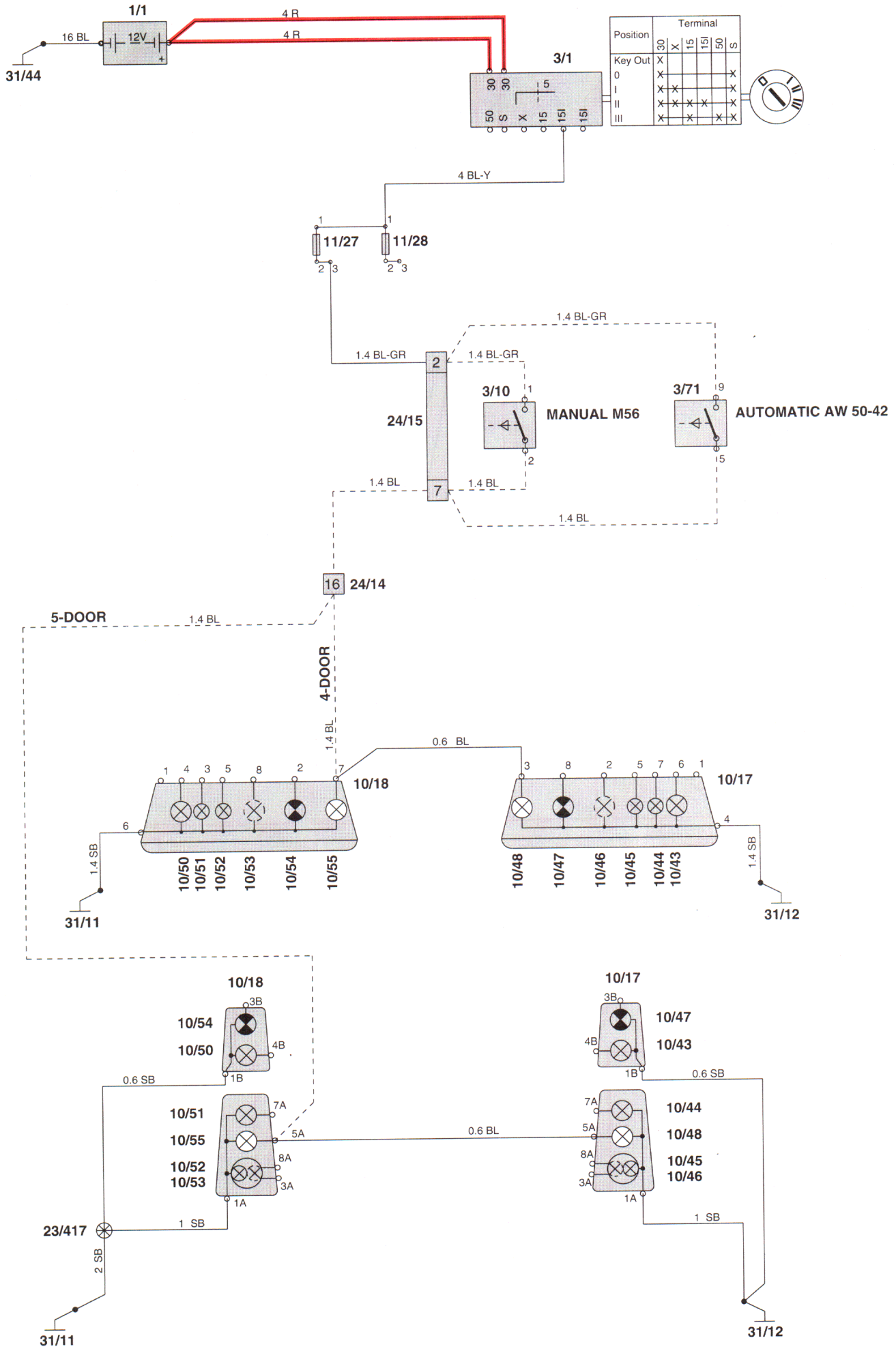


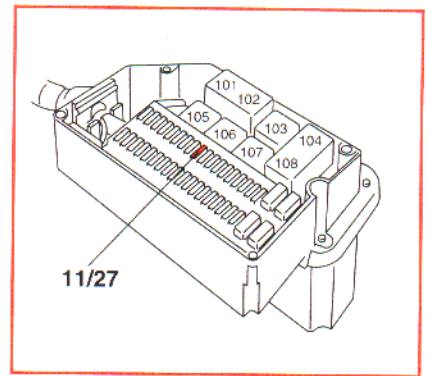
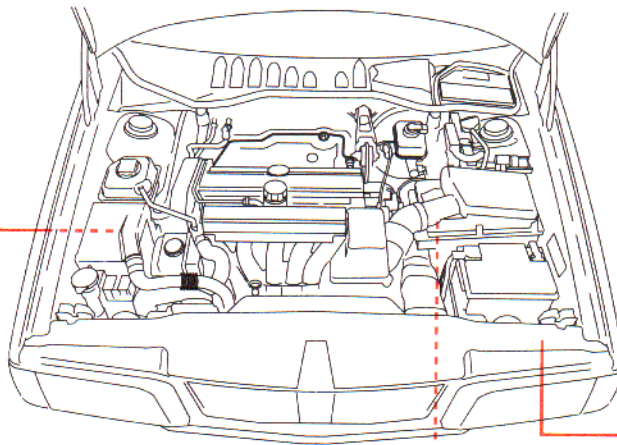
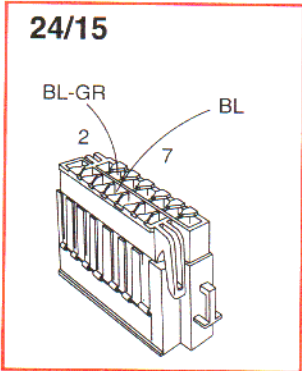
Brake lights, 5-door





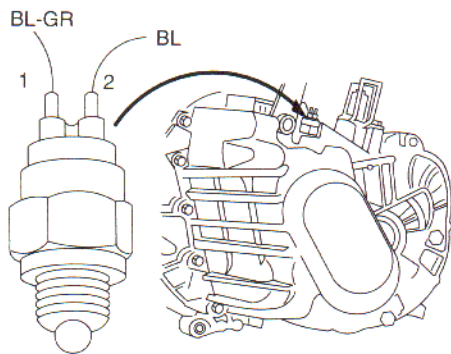
Backup (reversing) lights



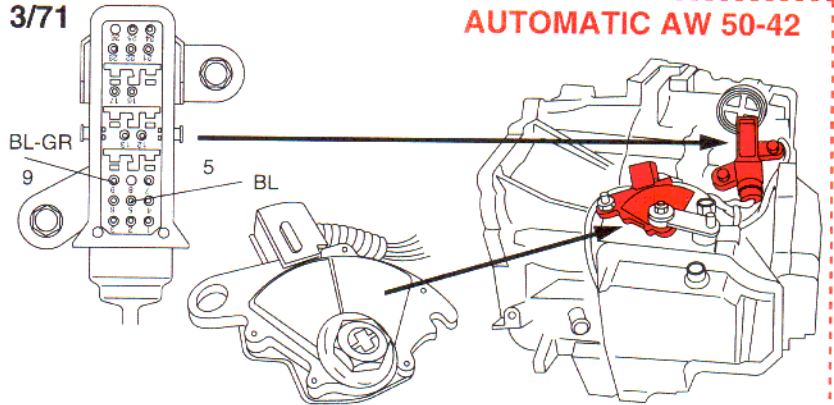


31/44

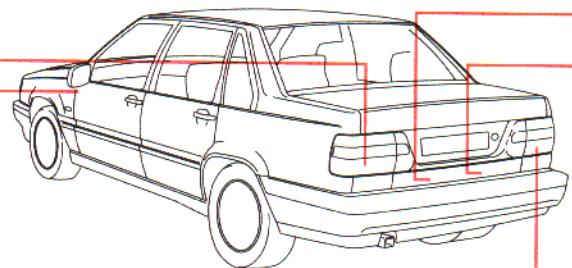
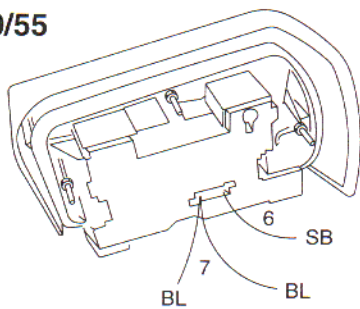
3/10 **MANUAL M56**



3/71 **AUTOMATIC AW 50-42**



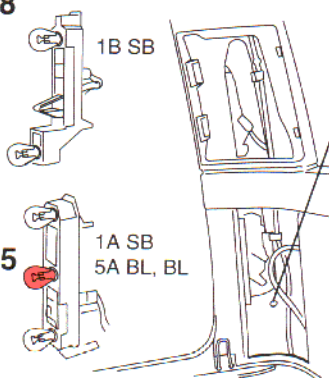
10/55 **10/18**



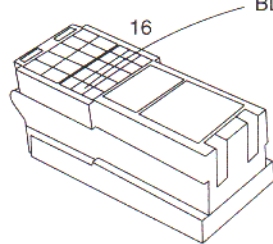
31/11

31/12

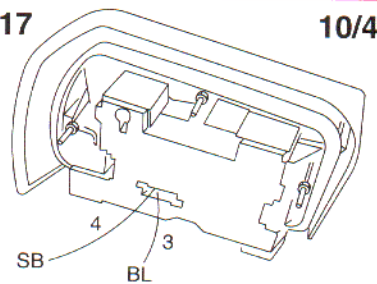
10/18 **31/11**



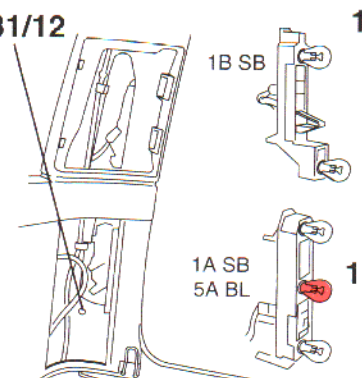
24/14 **16** **BL**



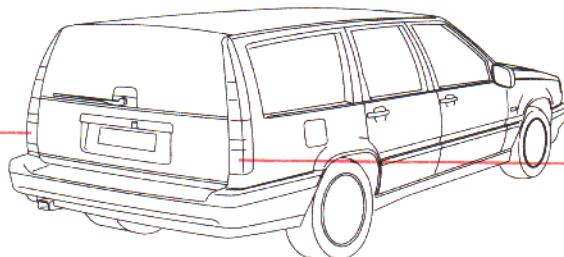
10/17 **10/48**



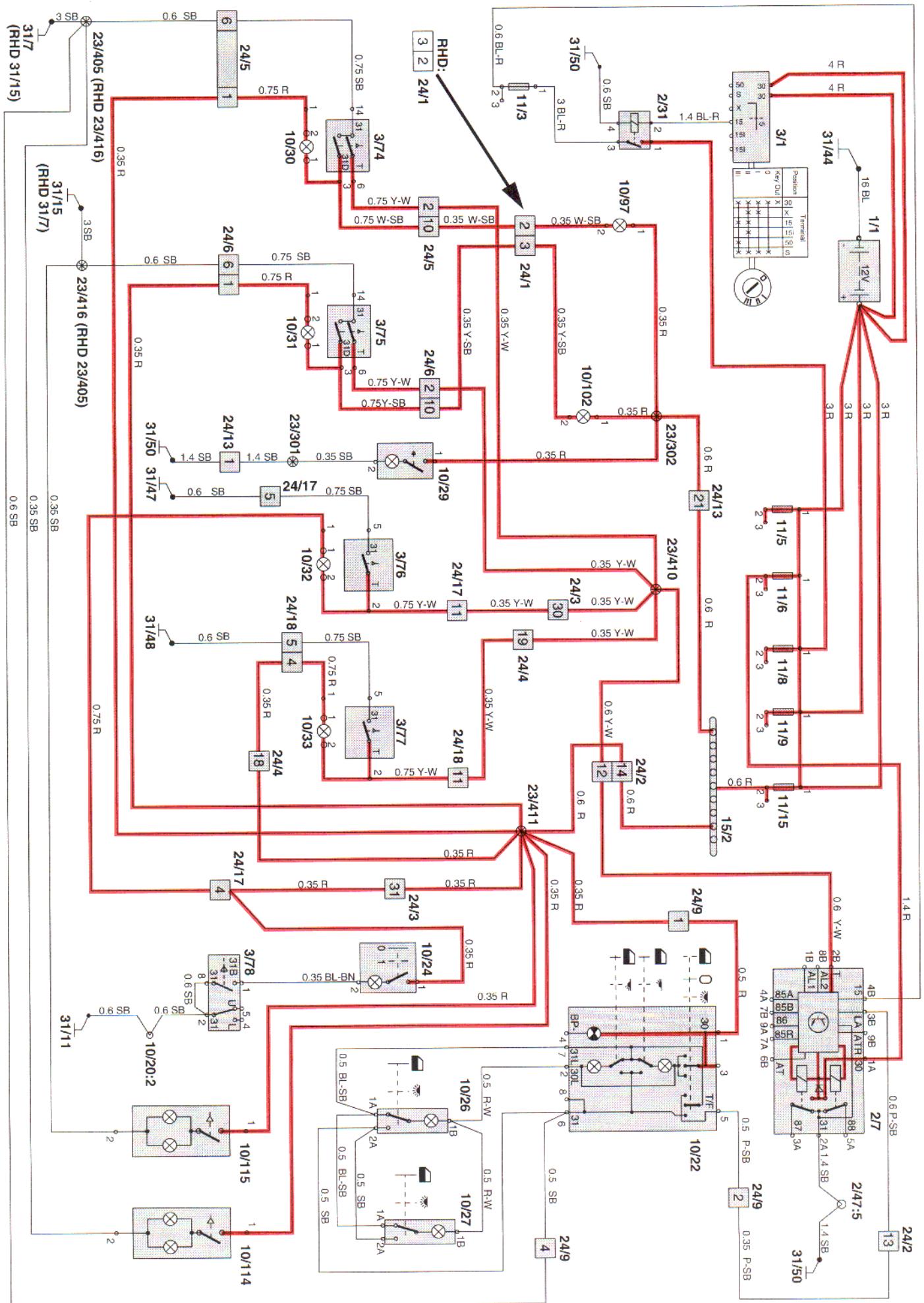
31/12 **10/17**

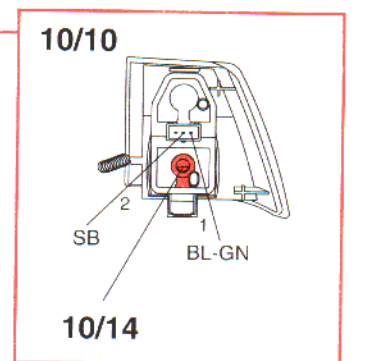
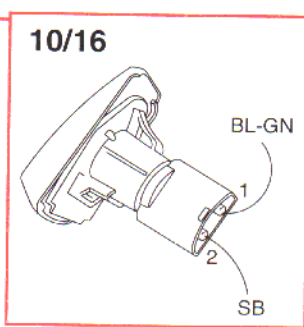
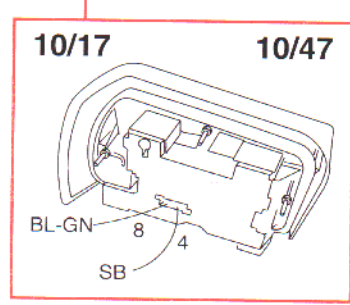
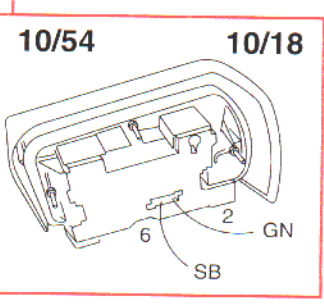
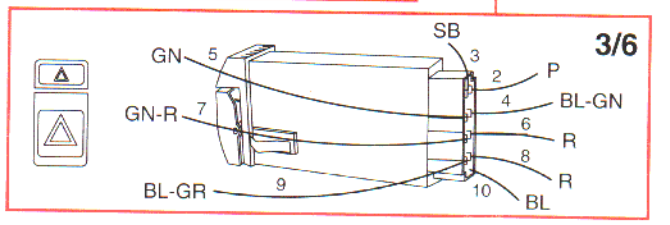
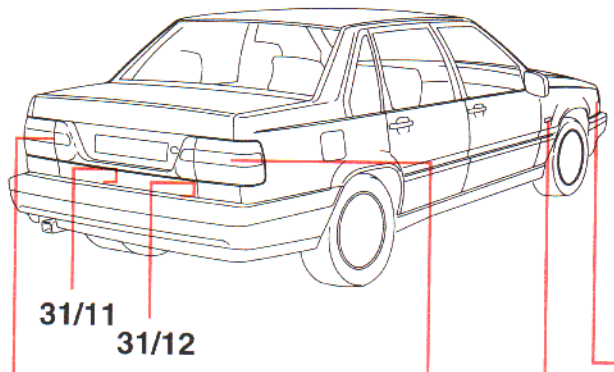
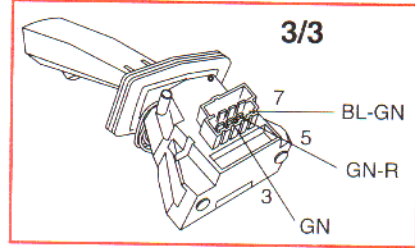
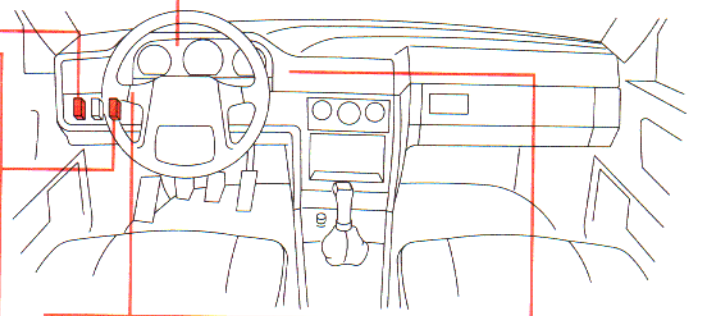
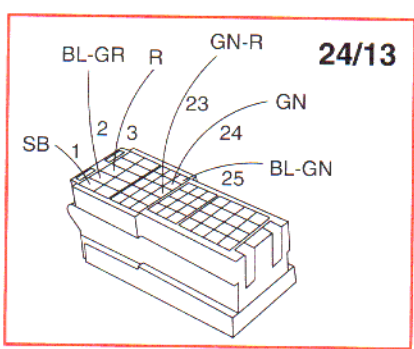
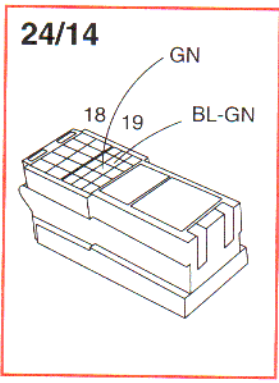
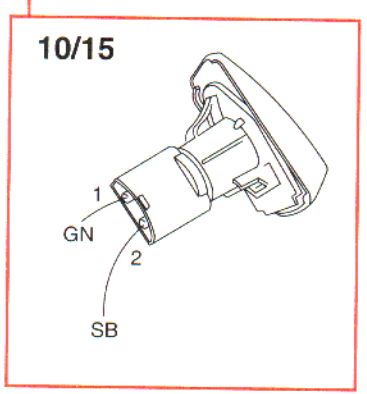
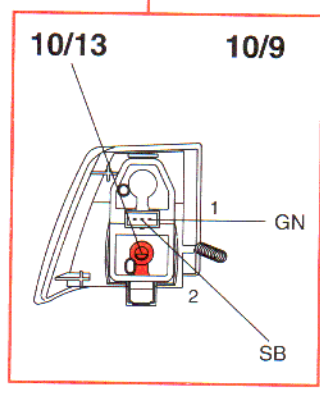
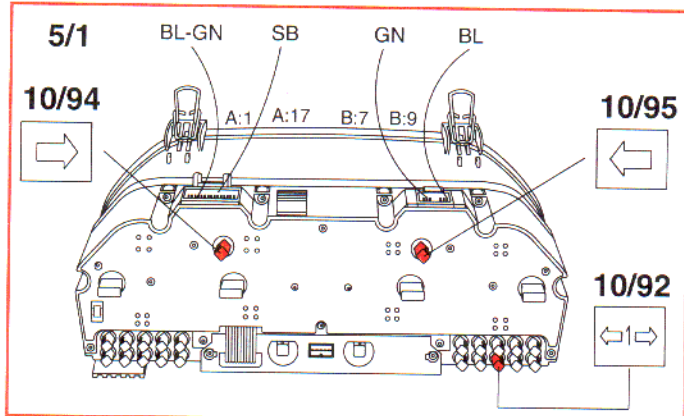
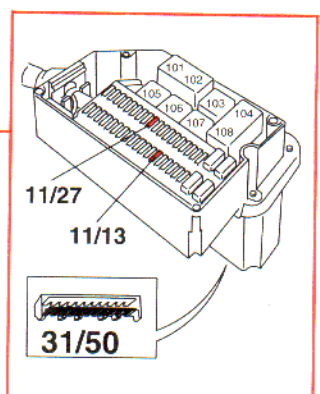
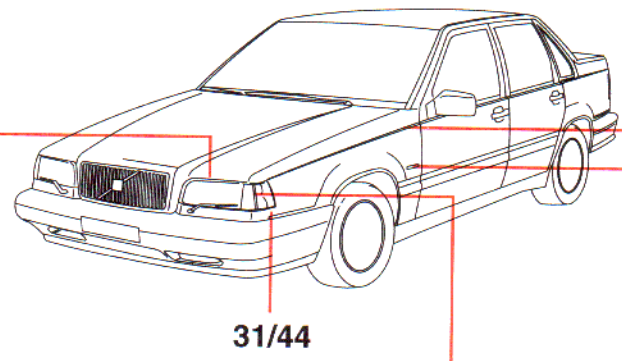
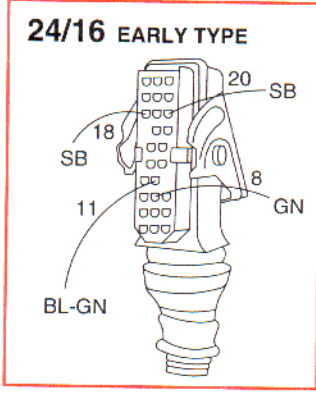


10/48

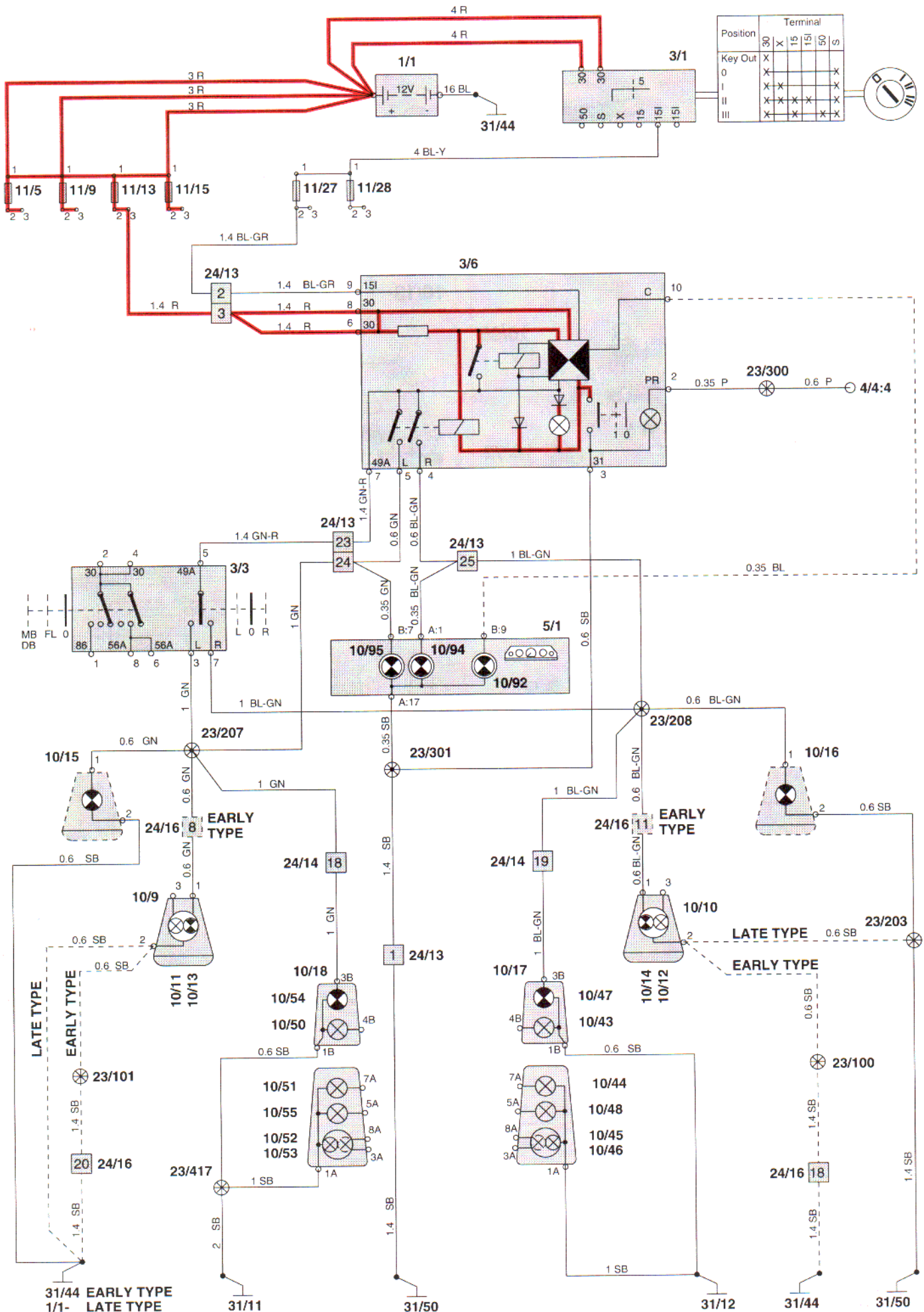


Inside lighting, 4-door

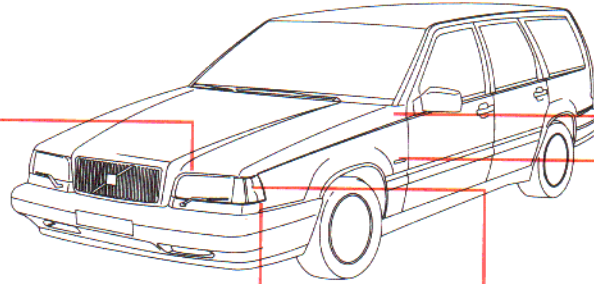
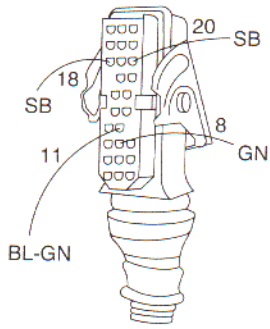




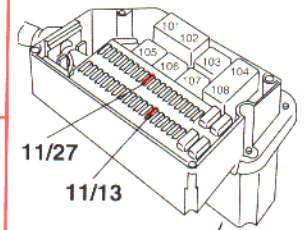
Turn signal / hazard lights, 5-door



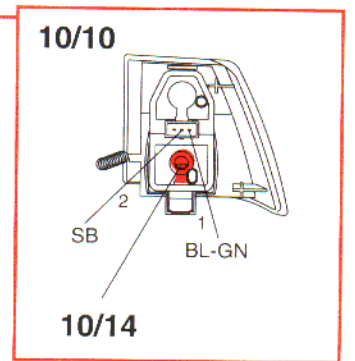
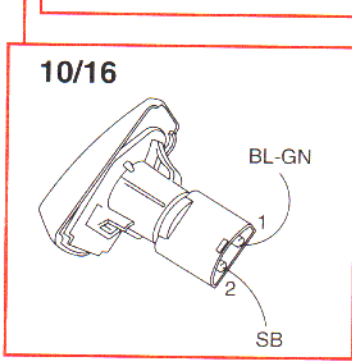
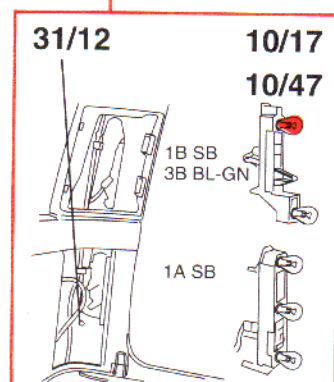
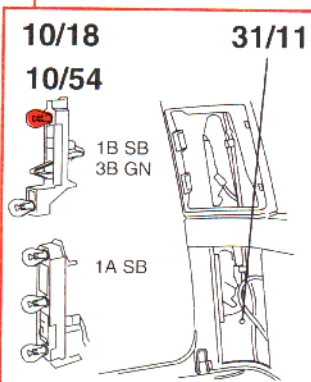
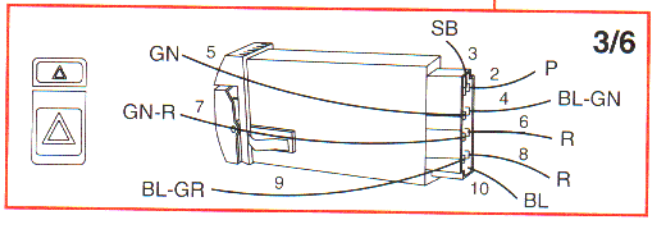
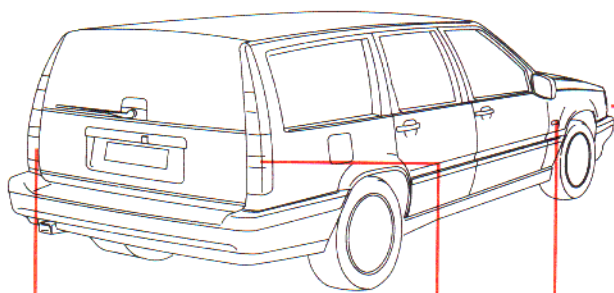
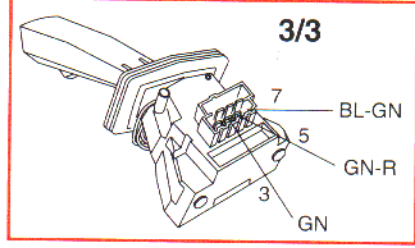
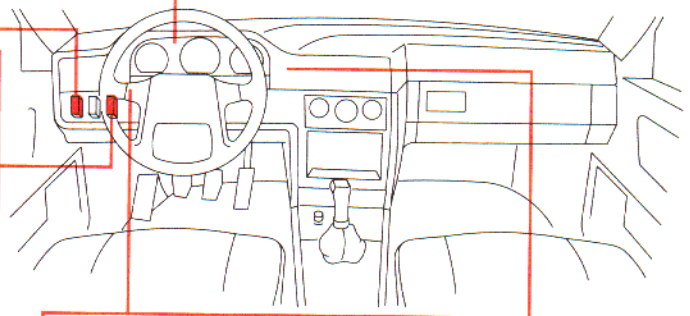
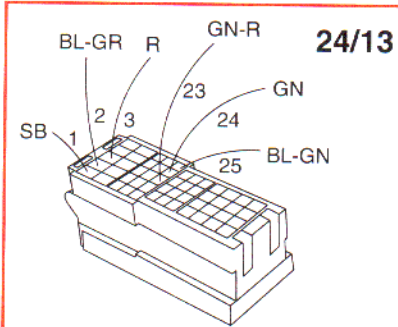
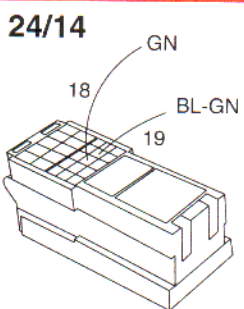
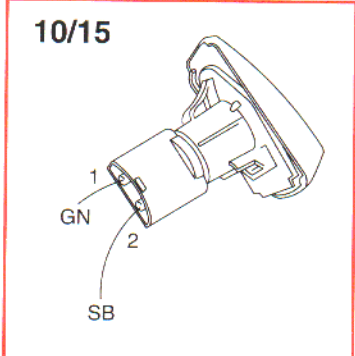
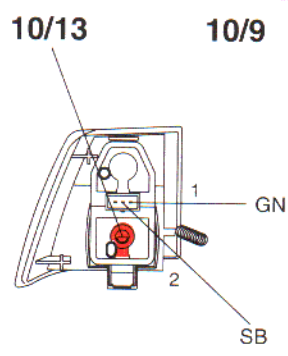
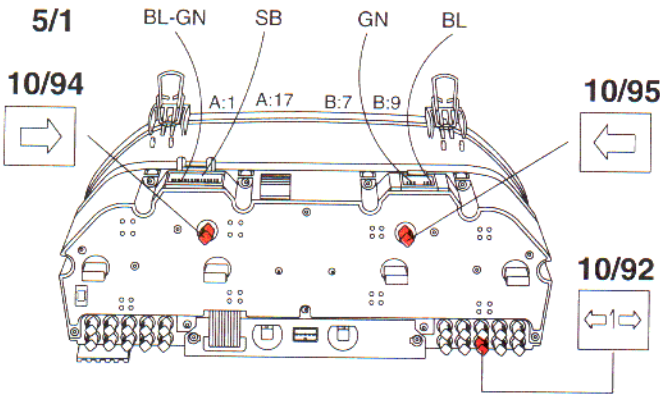
24/16 EARLY TYPE



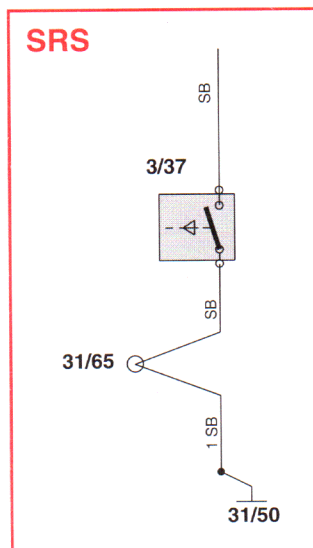
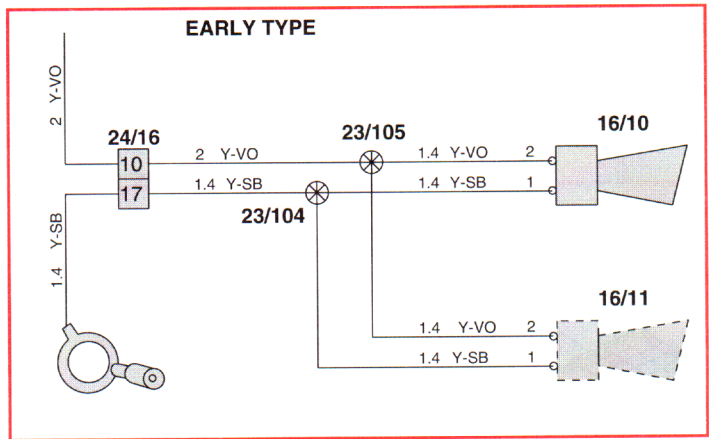
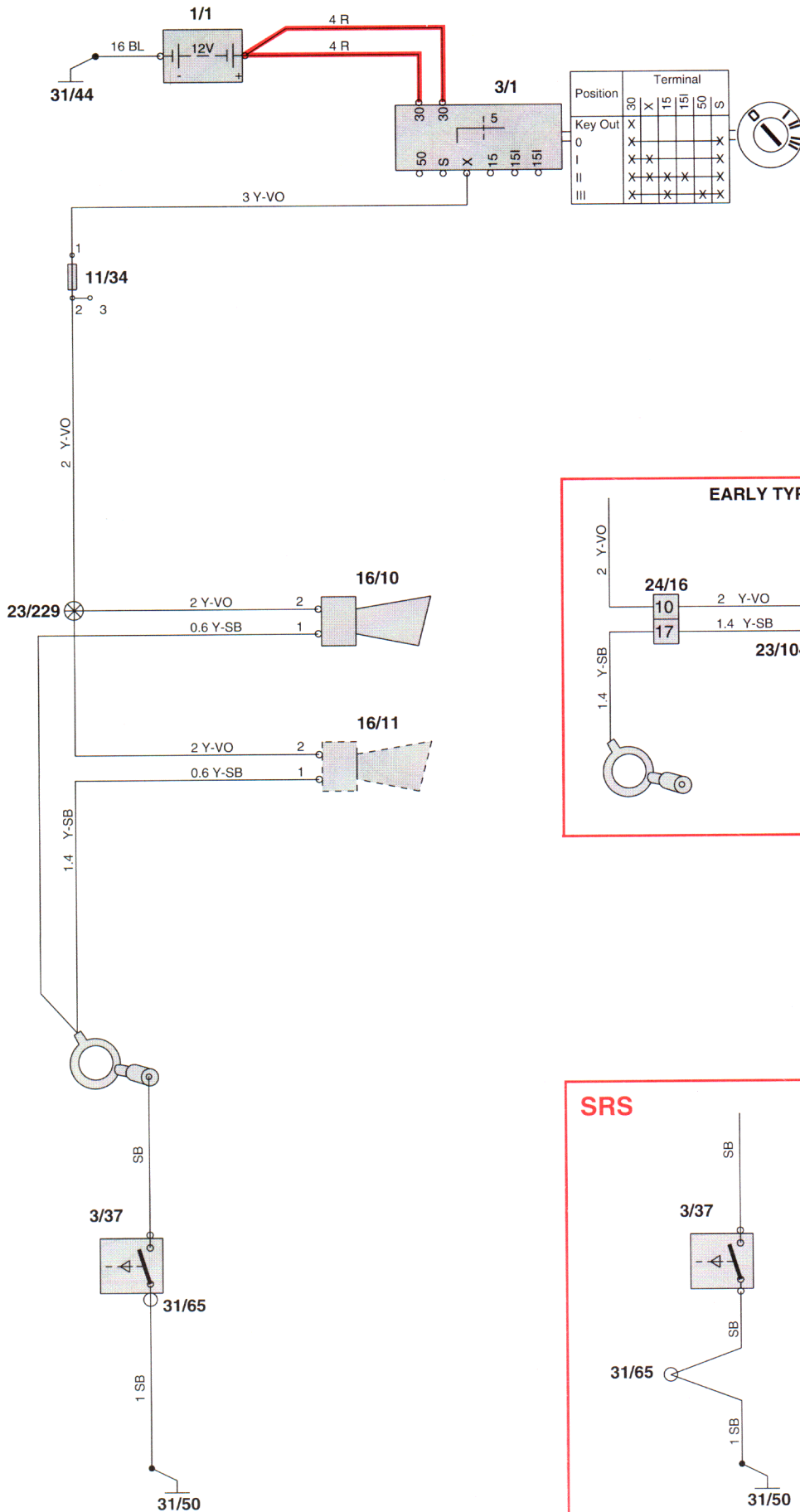
31/44



31/50

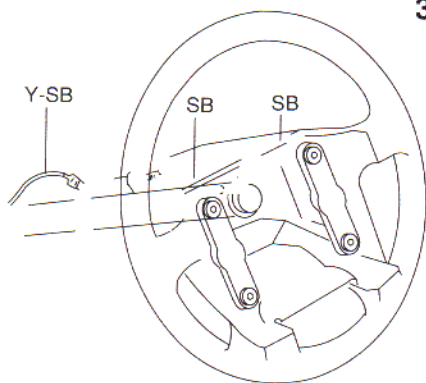


Horn

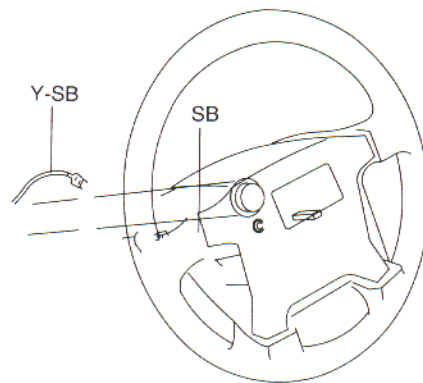


SRS

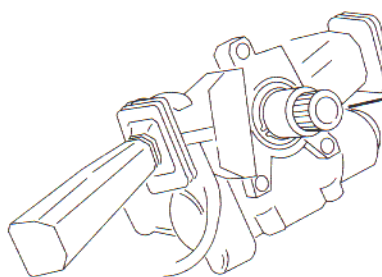
3/37



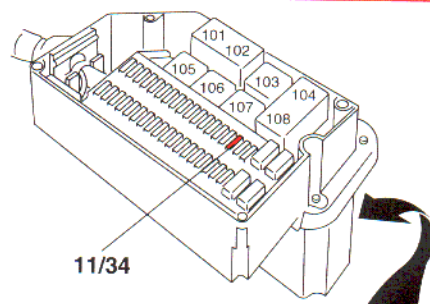
3/37



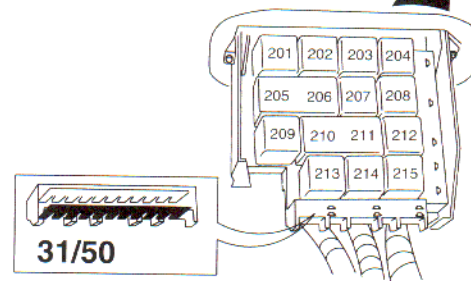
31/65



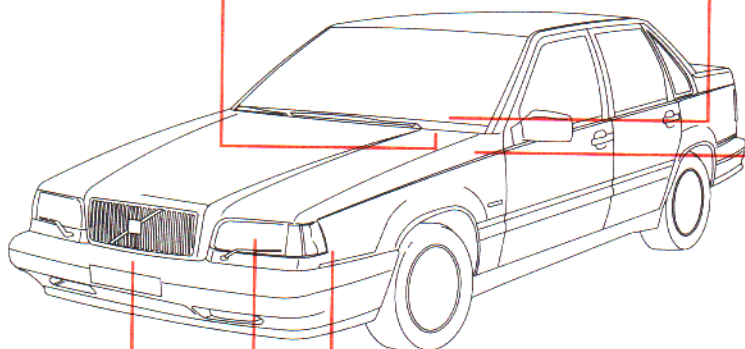
11/34



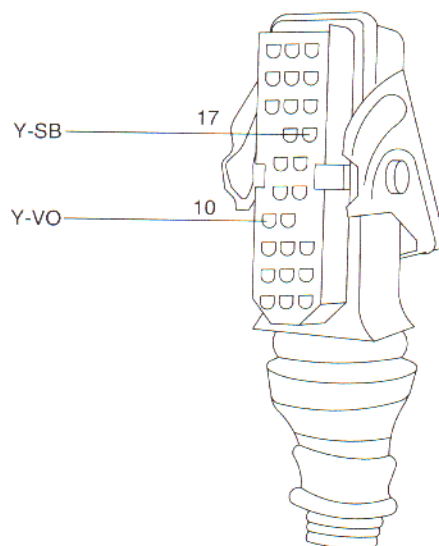
31/50



31/44

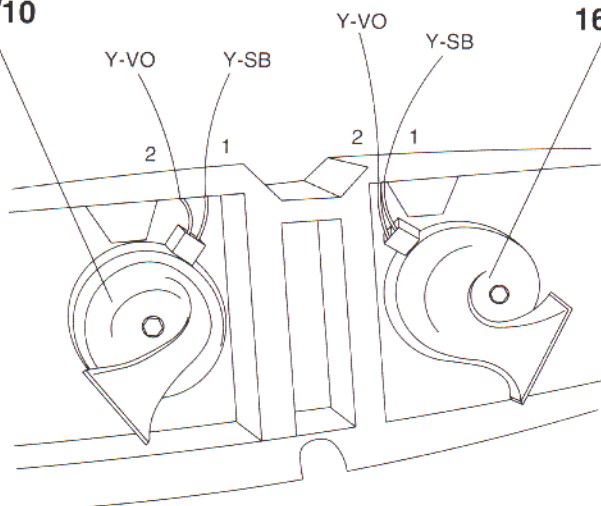


24/16 EARLY TYPE

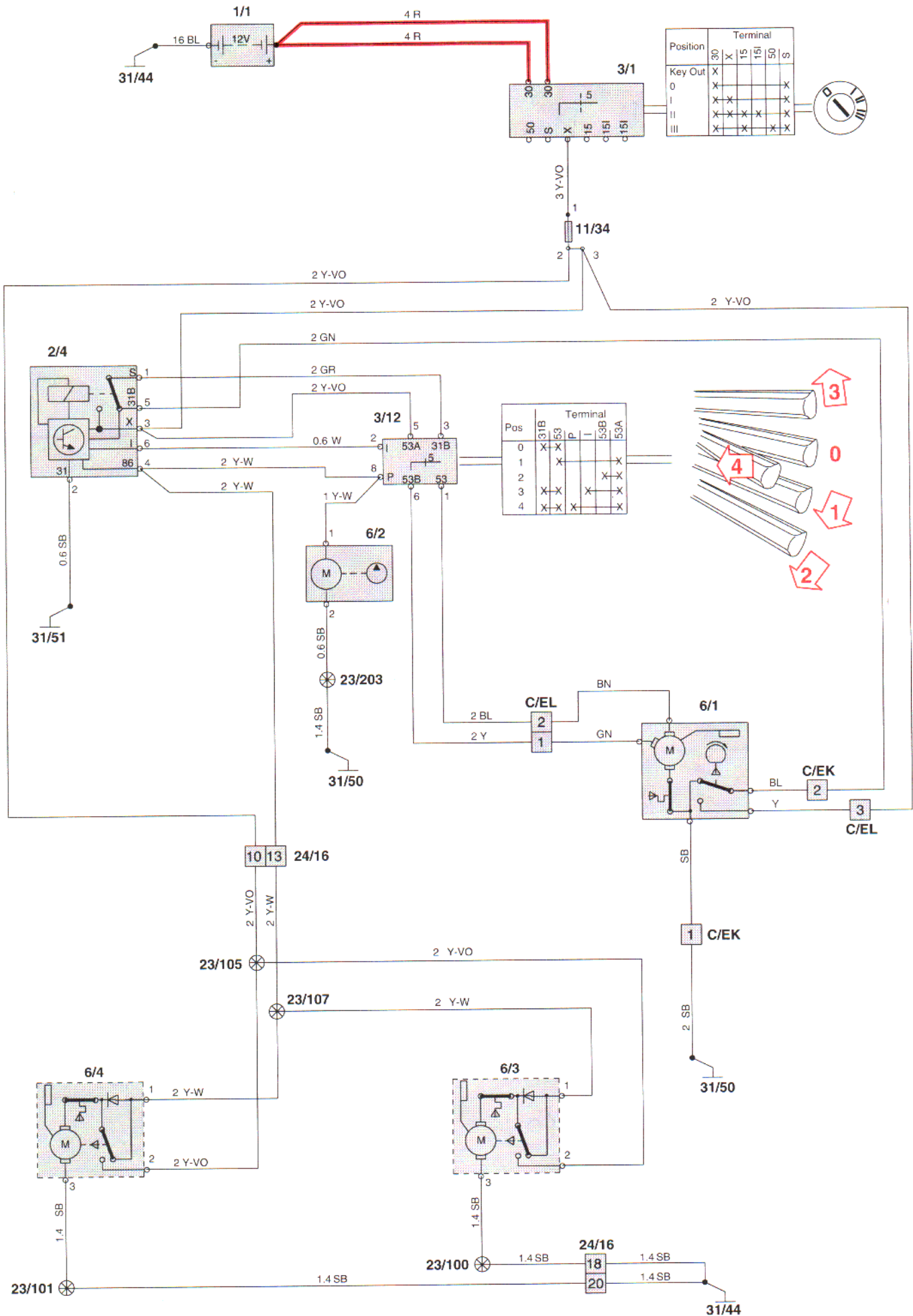


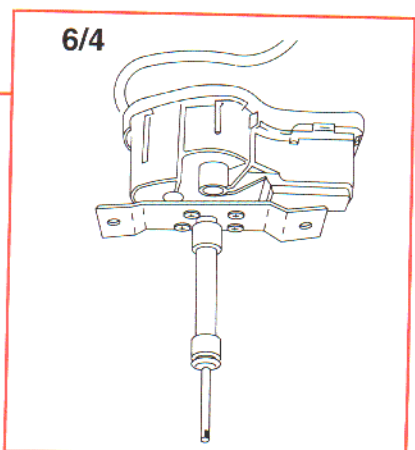
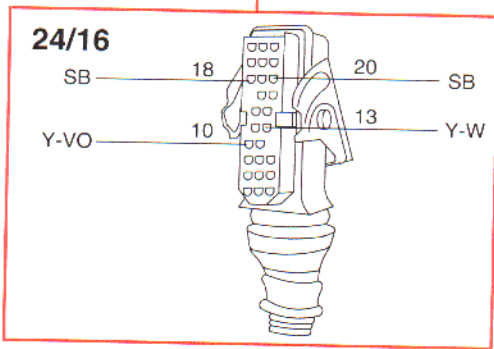
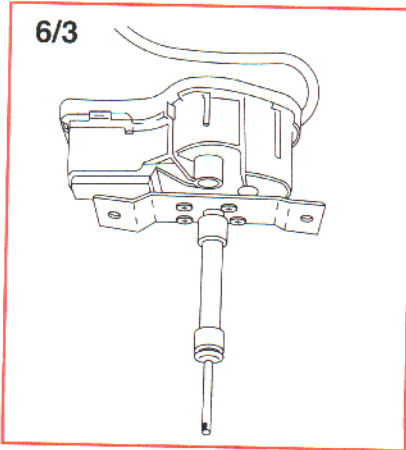
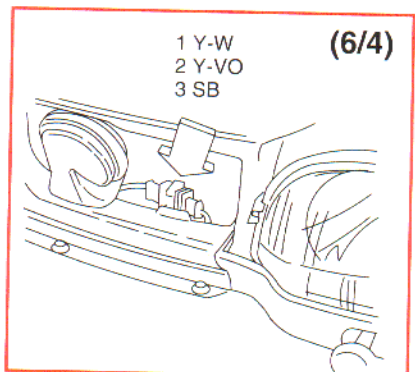
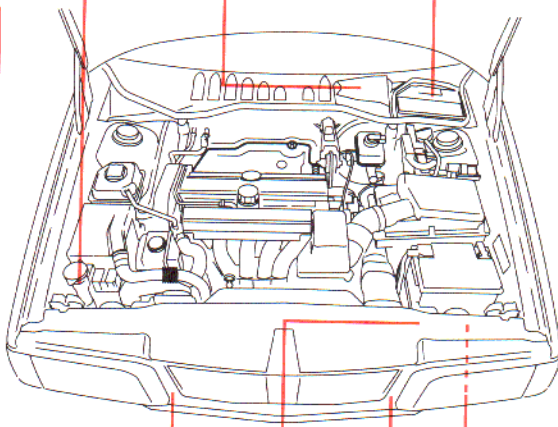
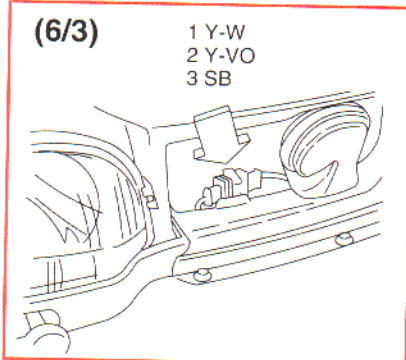
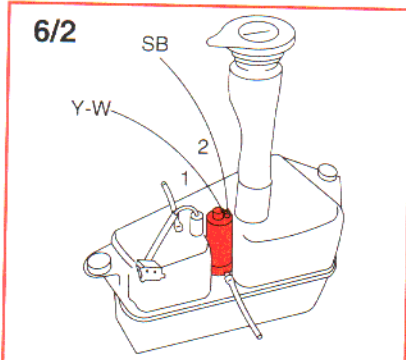
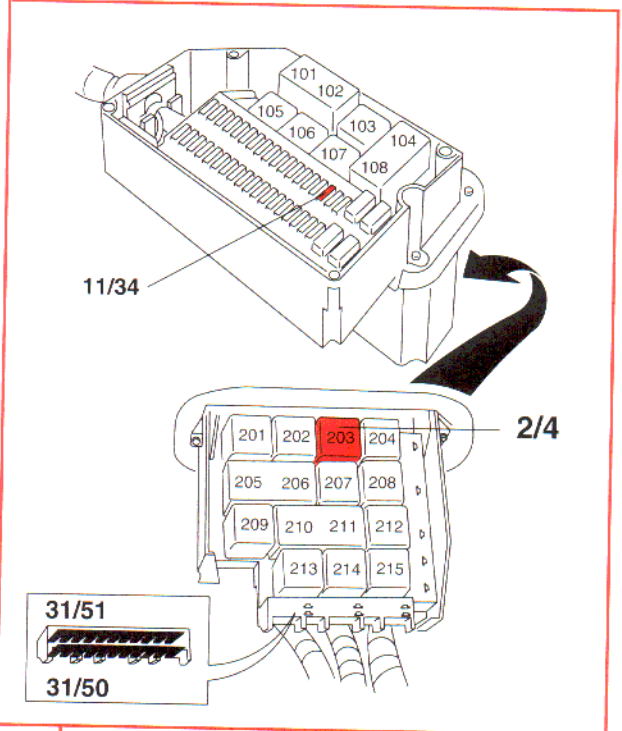
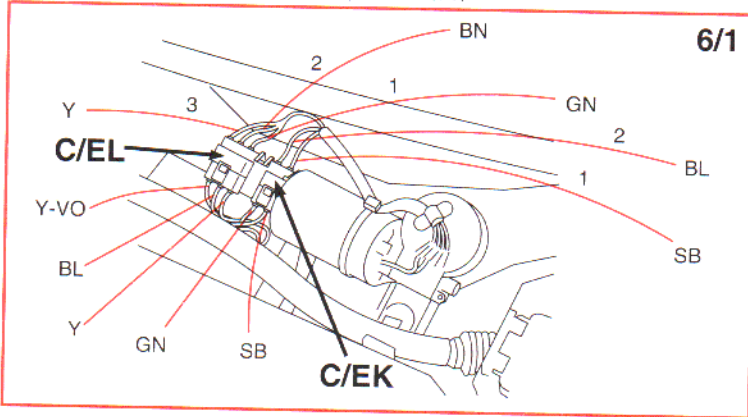
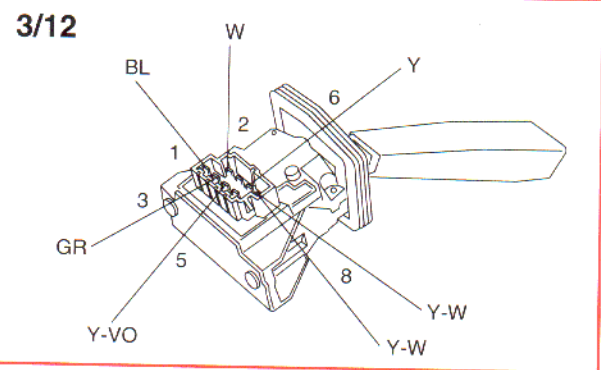
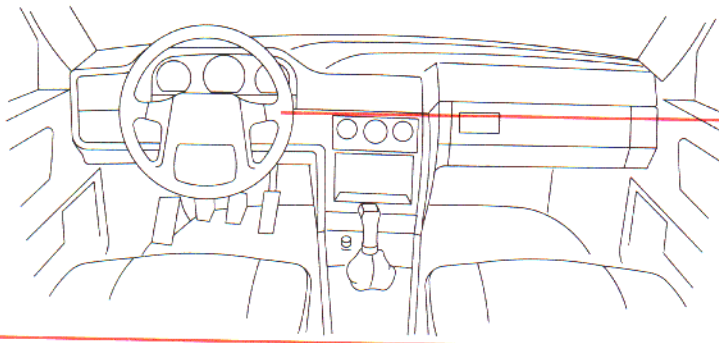
16/10

16/11

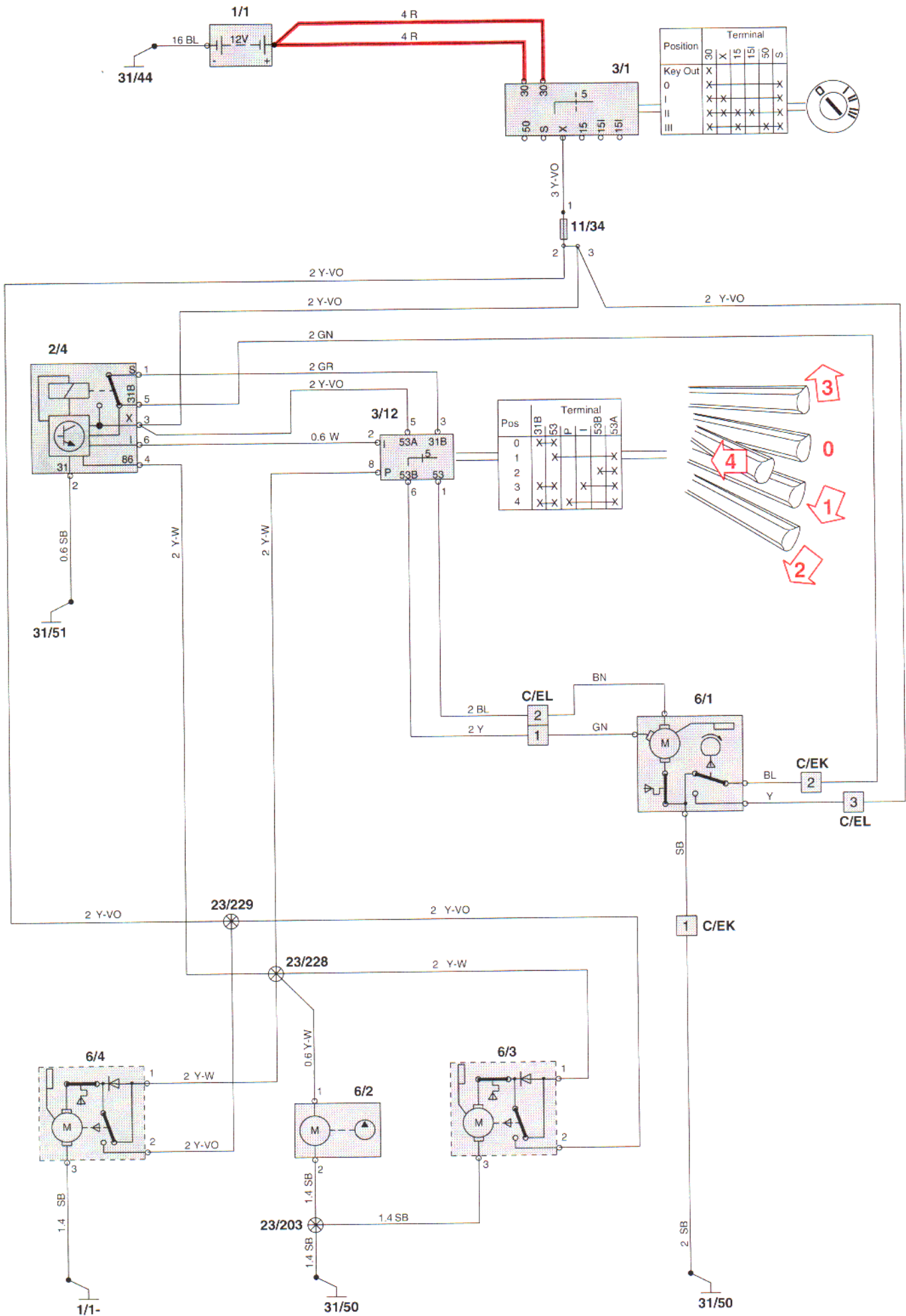


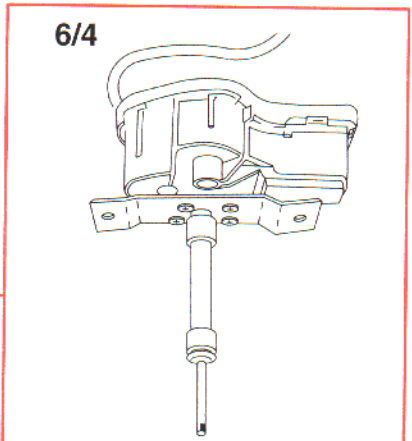
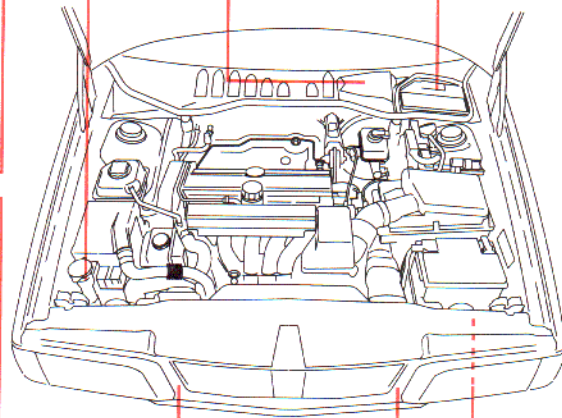
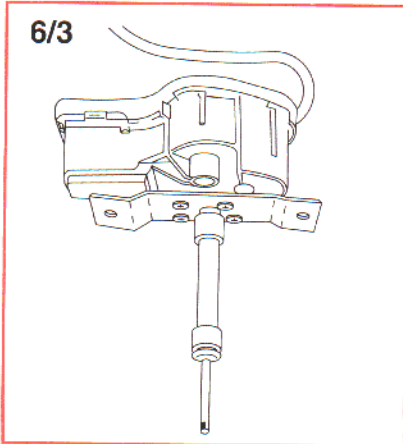
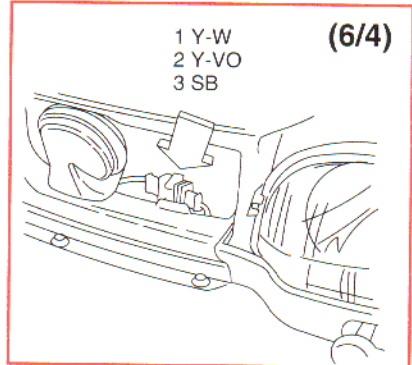
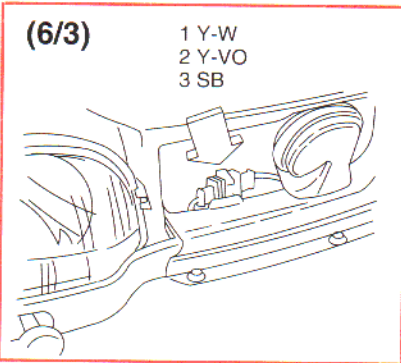
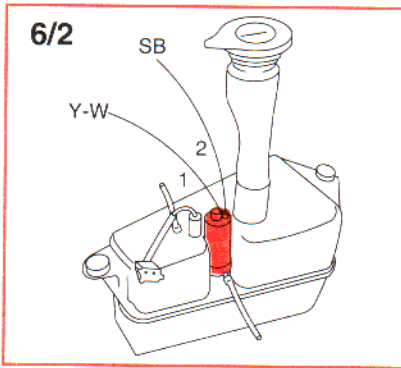
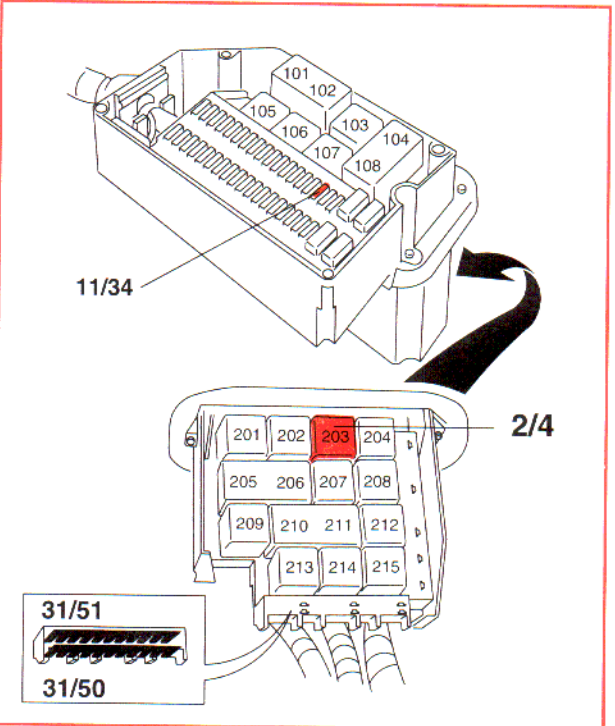
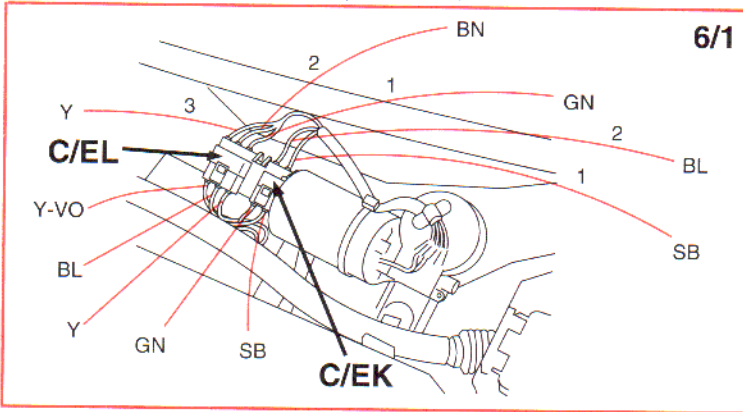
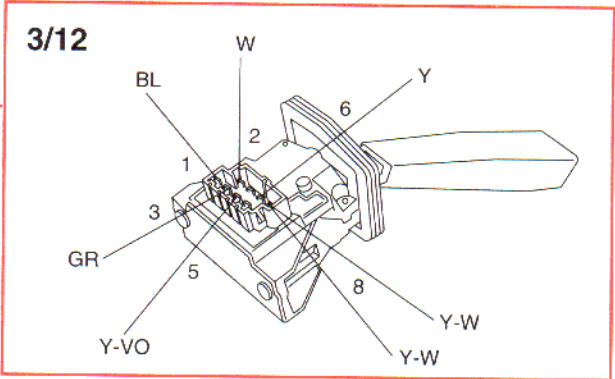
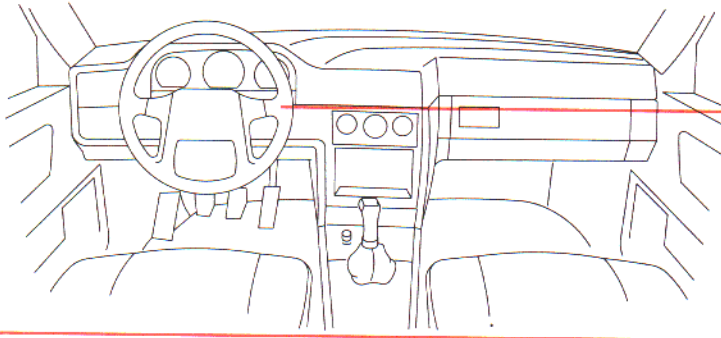
Windshield and headlight wash/wipe, early type



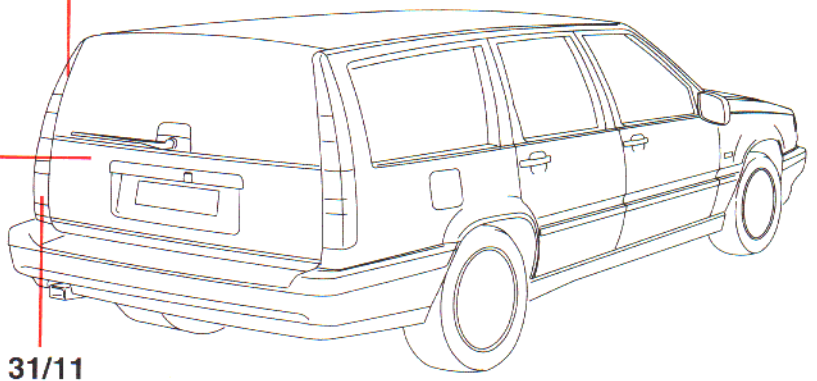
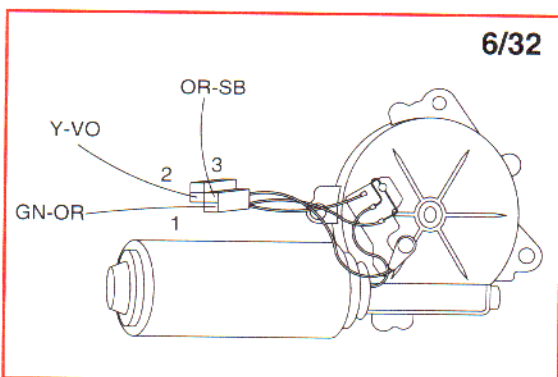
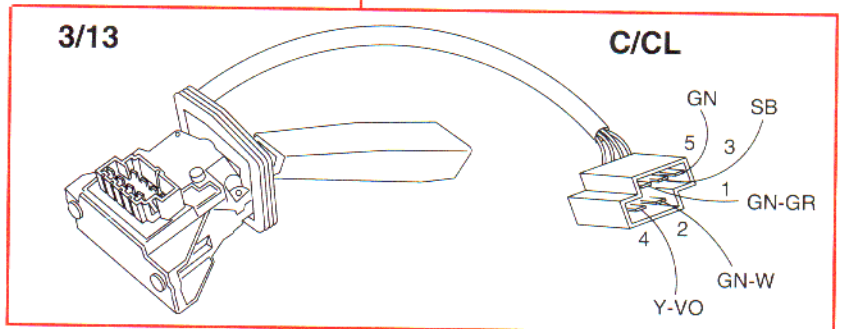
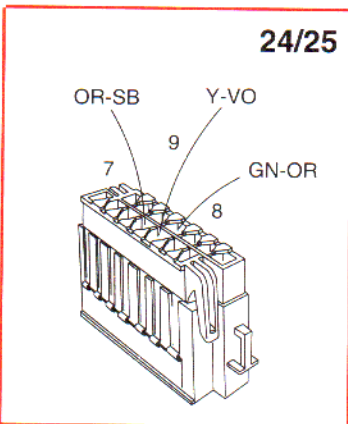
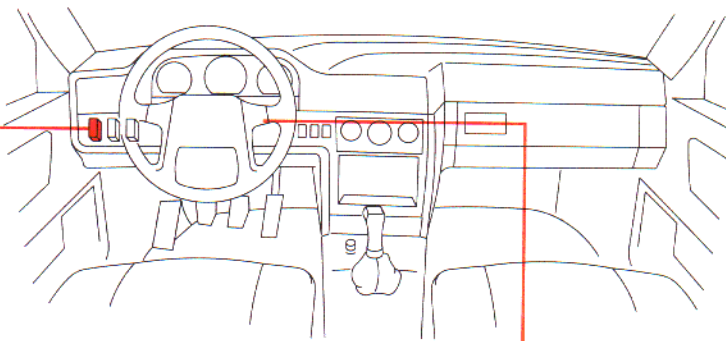
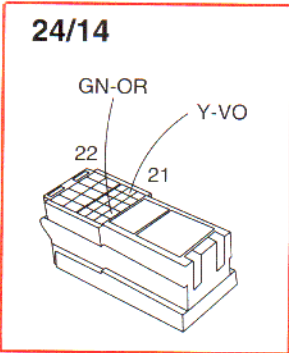
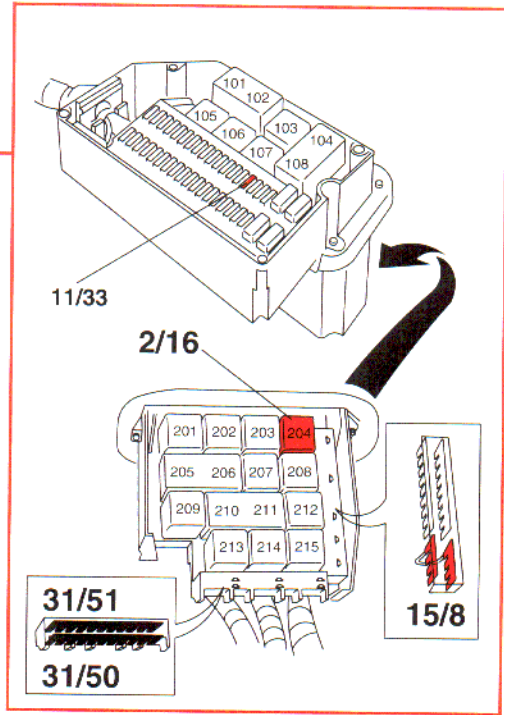
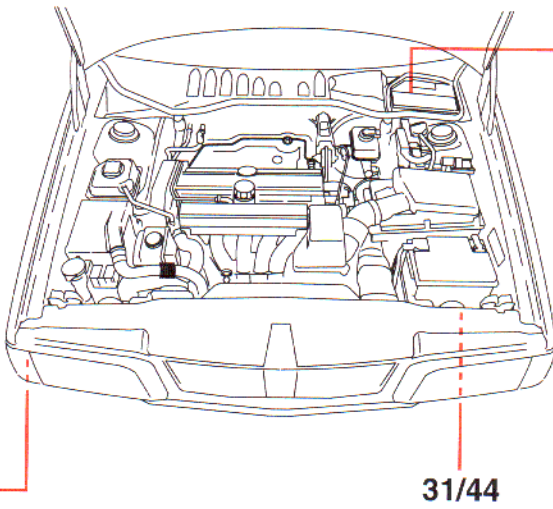
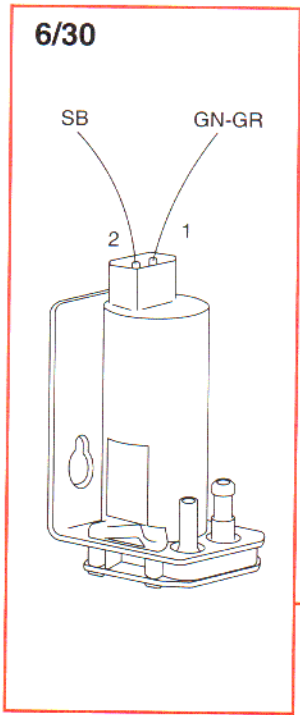


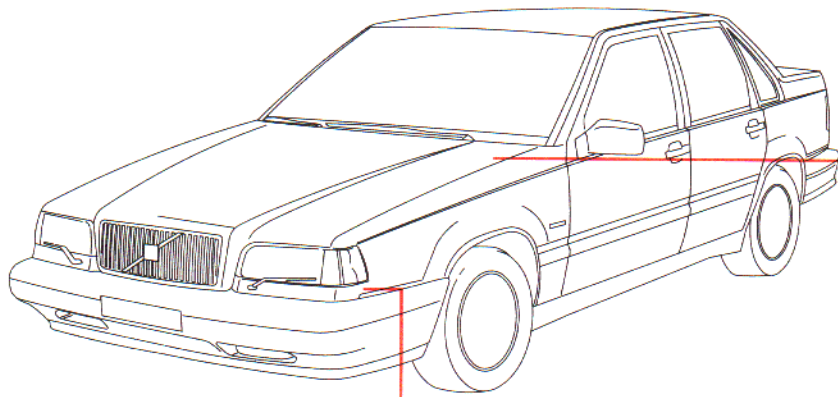
Windshield and headlight wash/wipe, late type



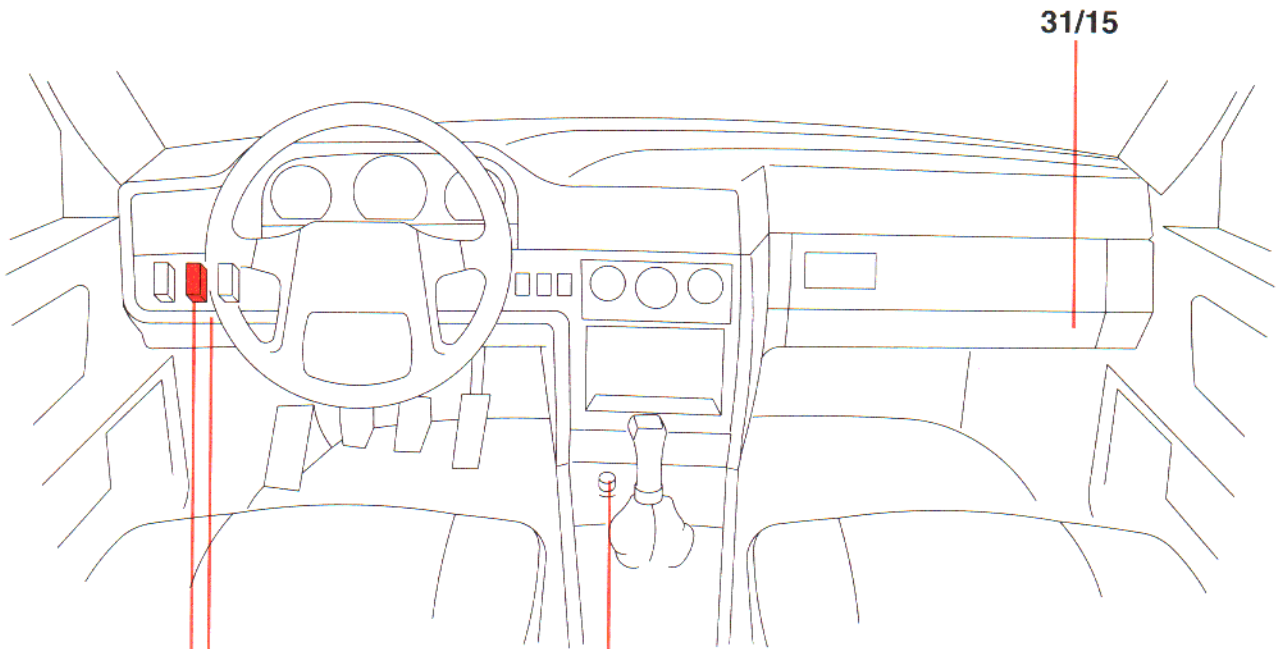
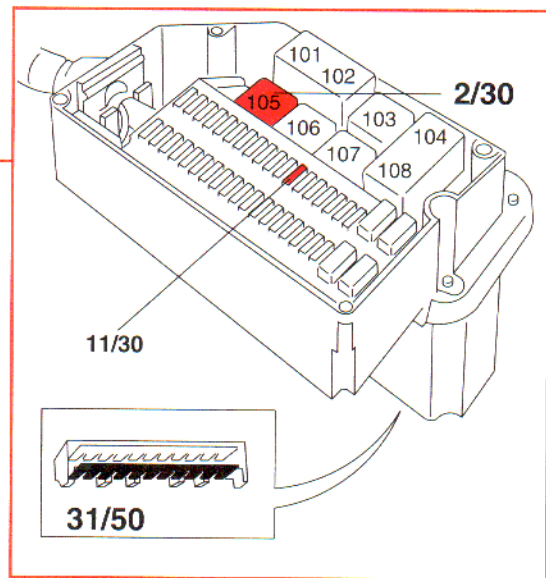


31/44

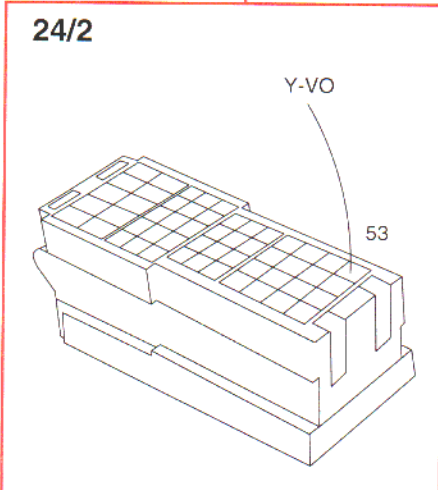




31/44



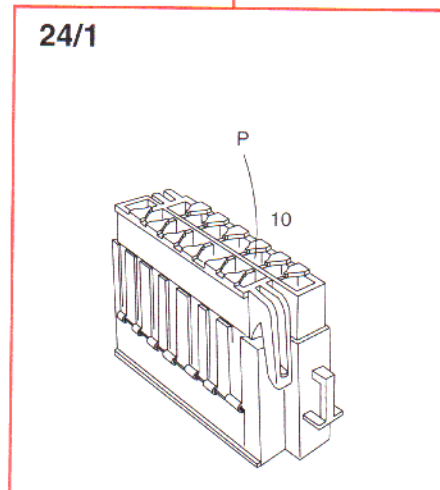
31/15



24/2

Y-VO

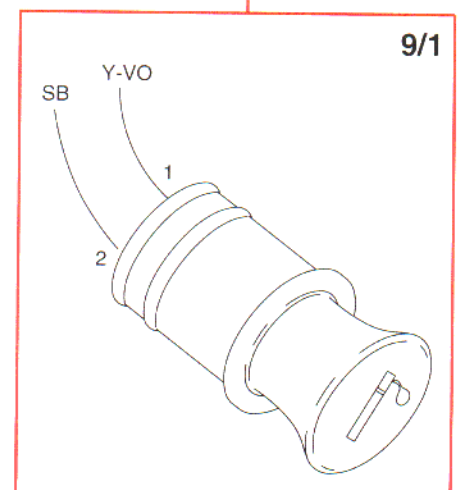
53



24/1

P

10



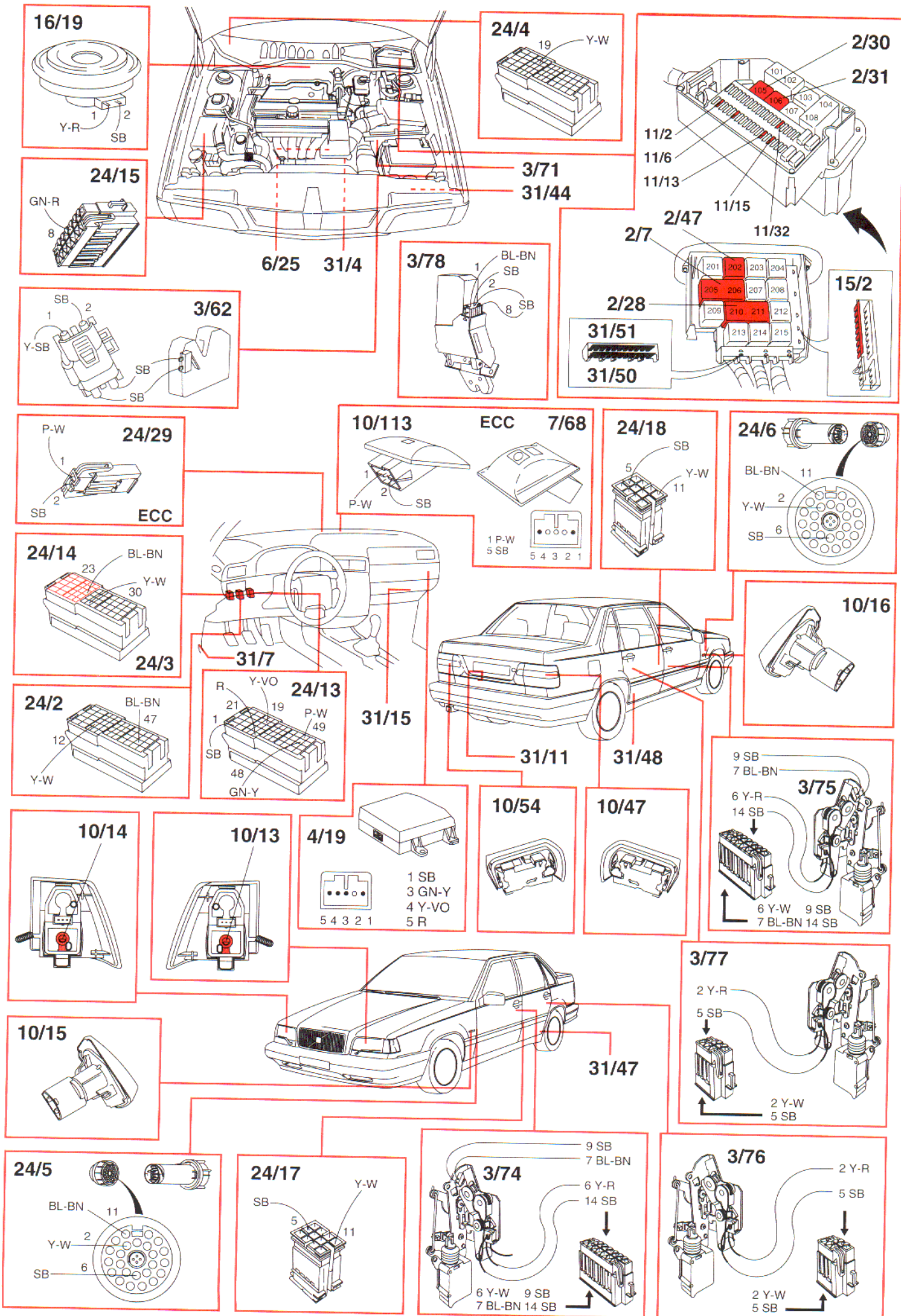
9/1

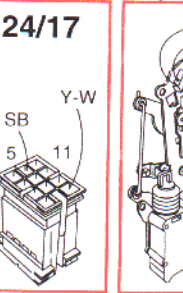
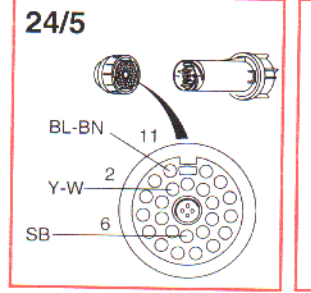
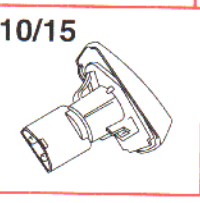
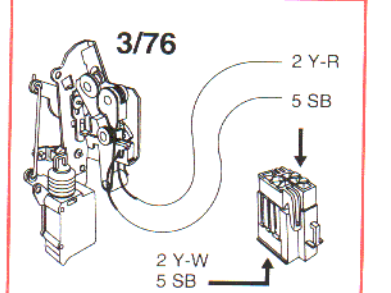
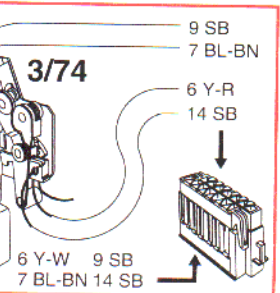
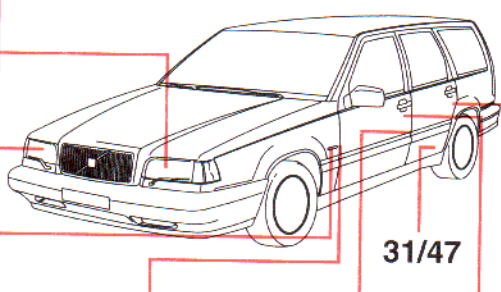
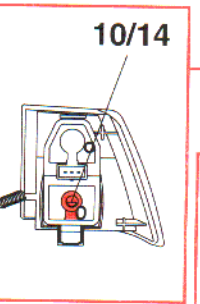
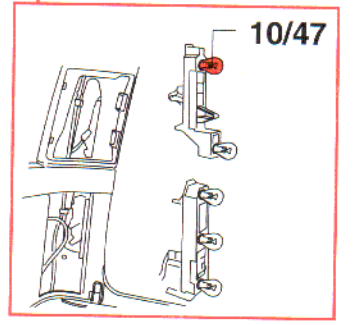
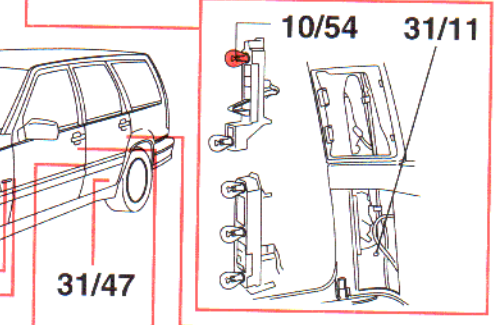
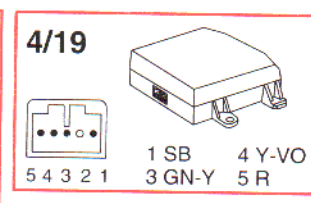
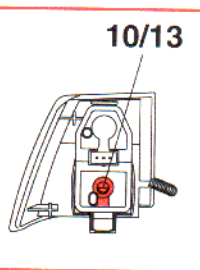
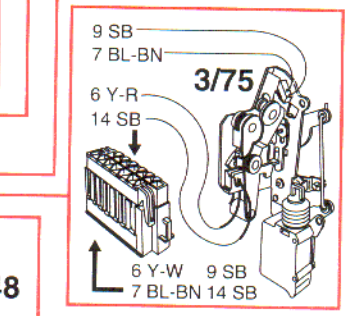
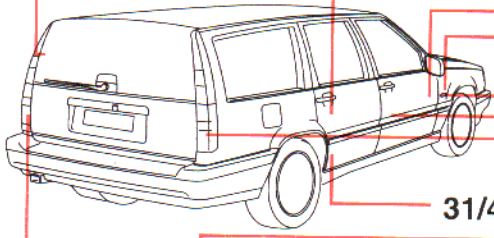
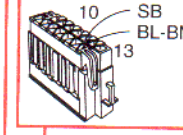
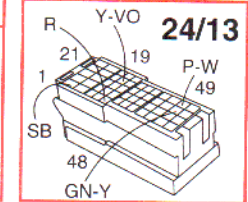
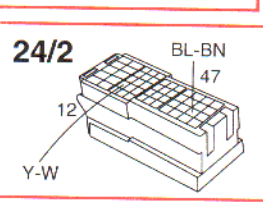
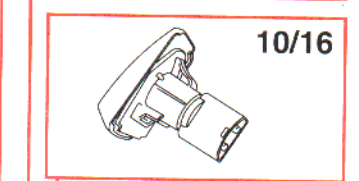
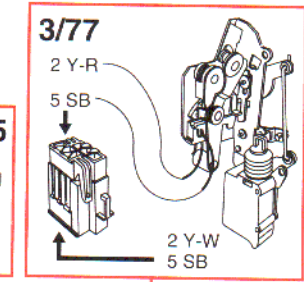
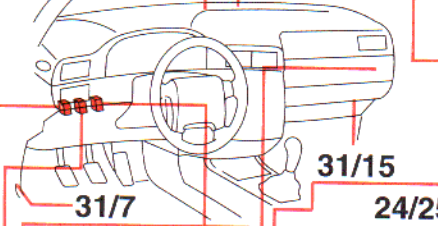
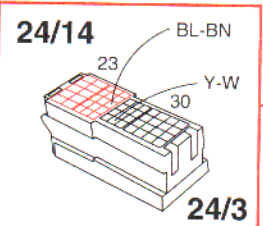
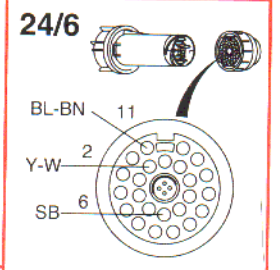
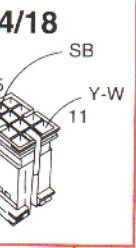
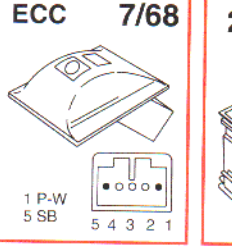
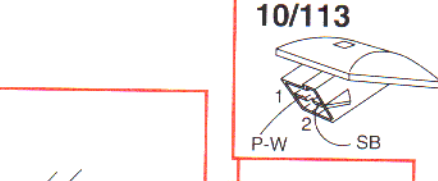
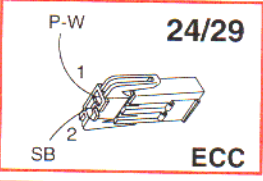
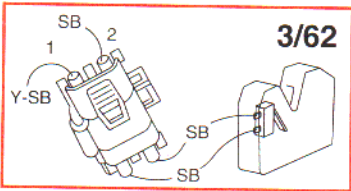
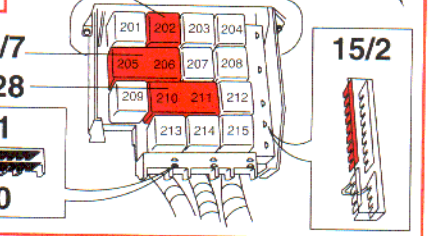
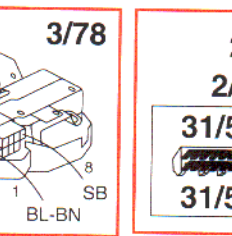
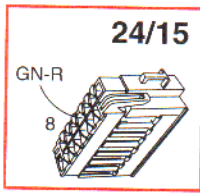
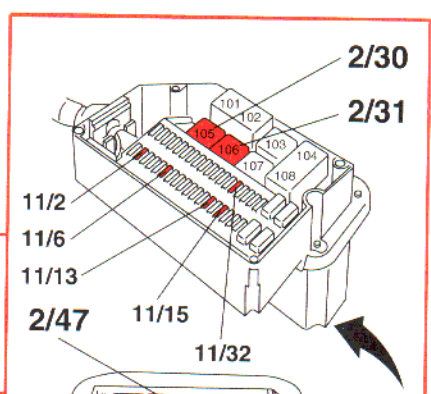
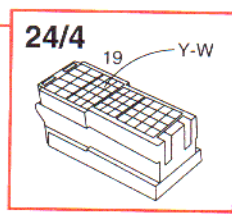
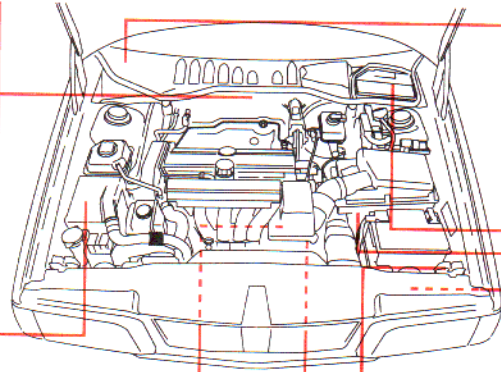
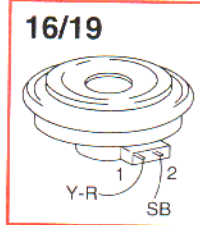
Y-VO

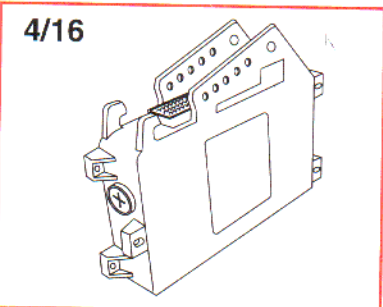
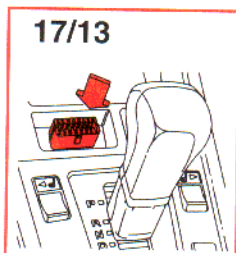
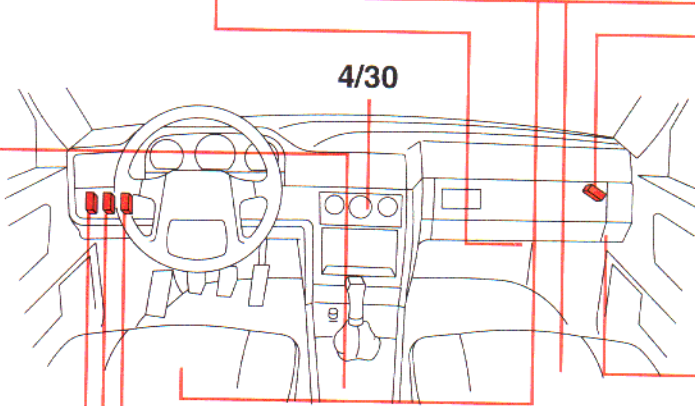
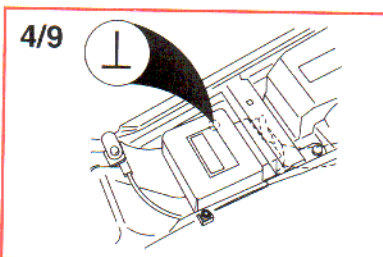
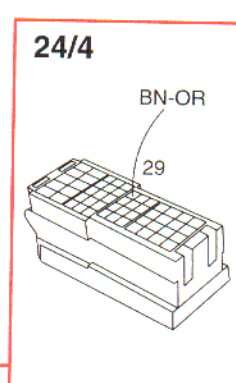
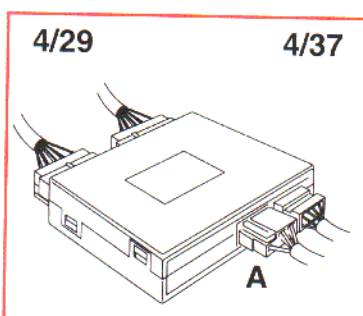
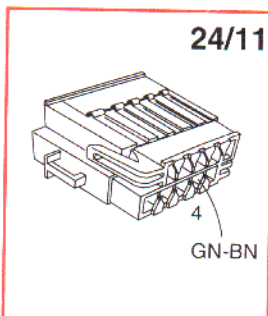
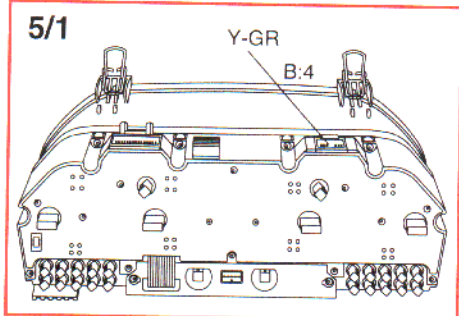
SB

1

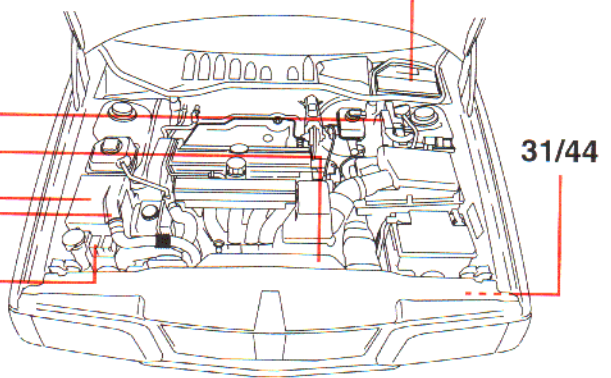
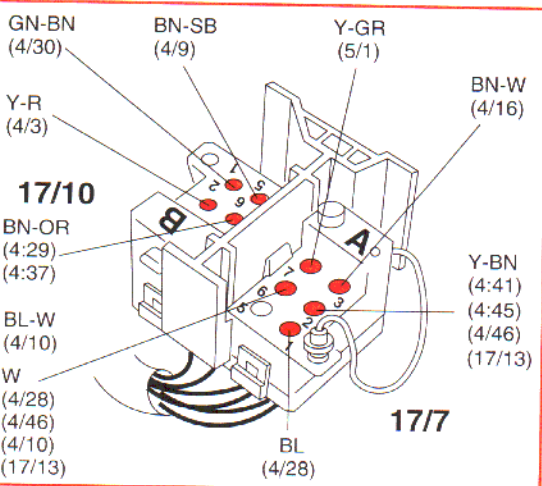
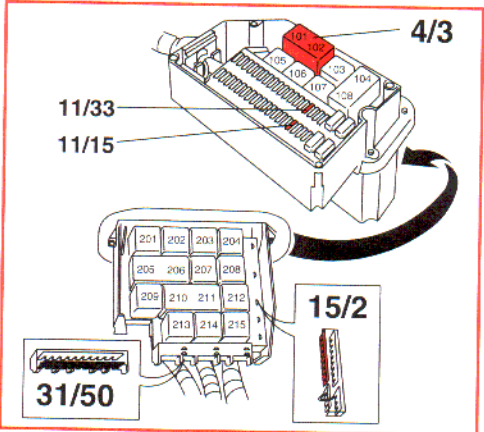
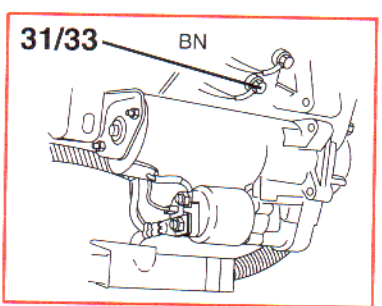
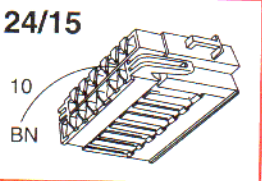
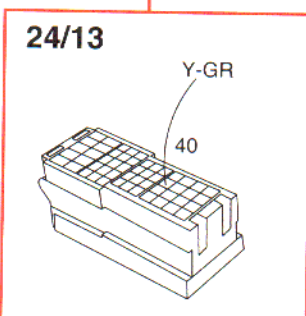
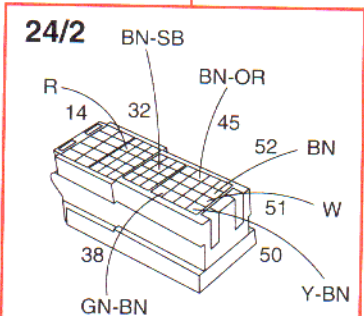
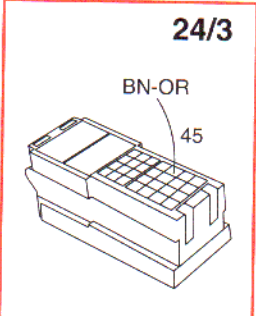
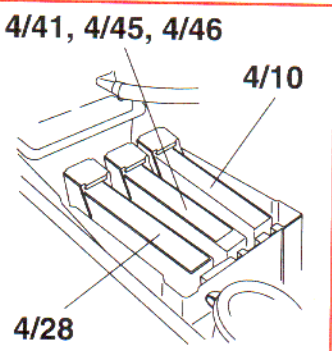
2



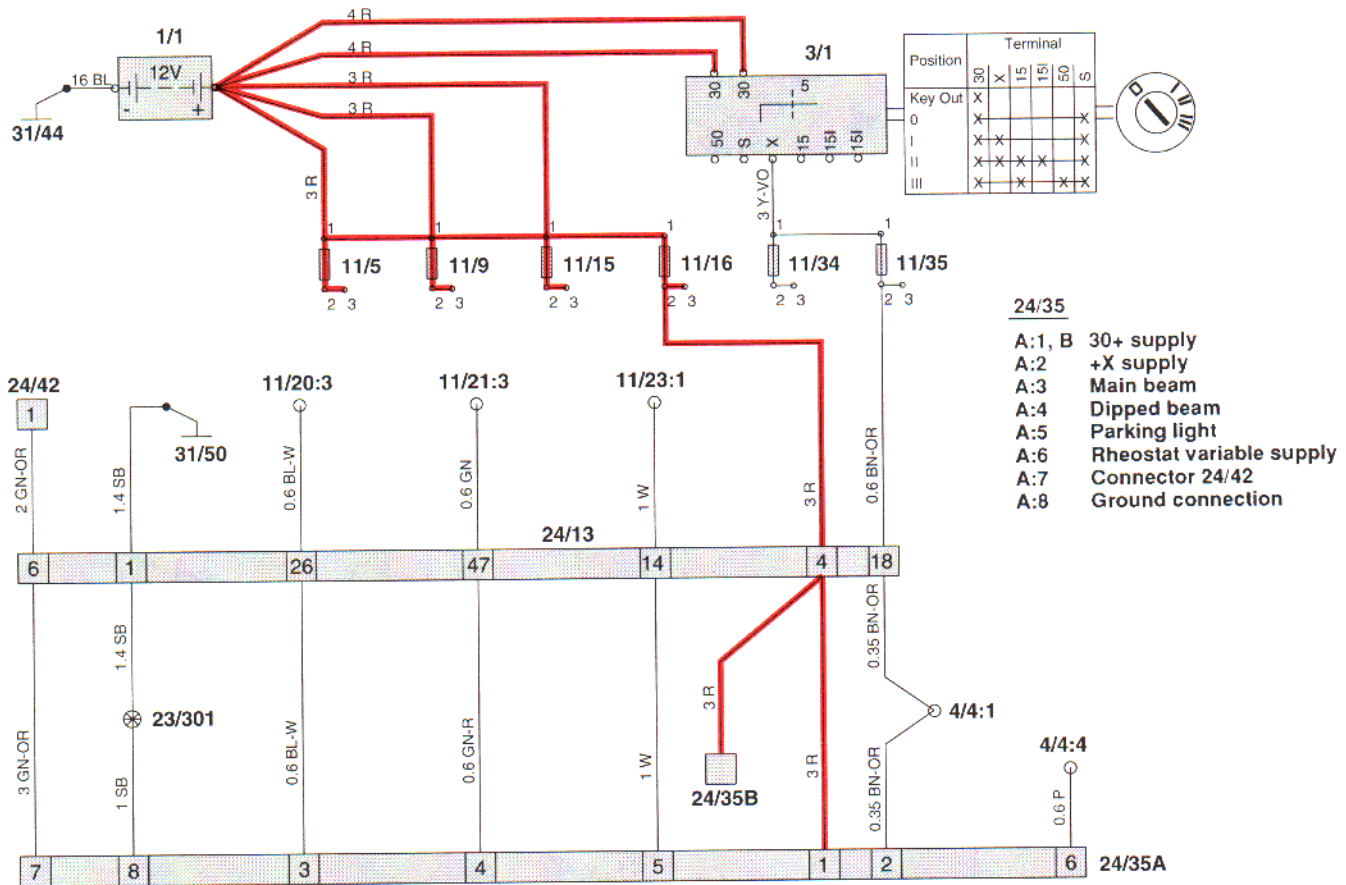




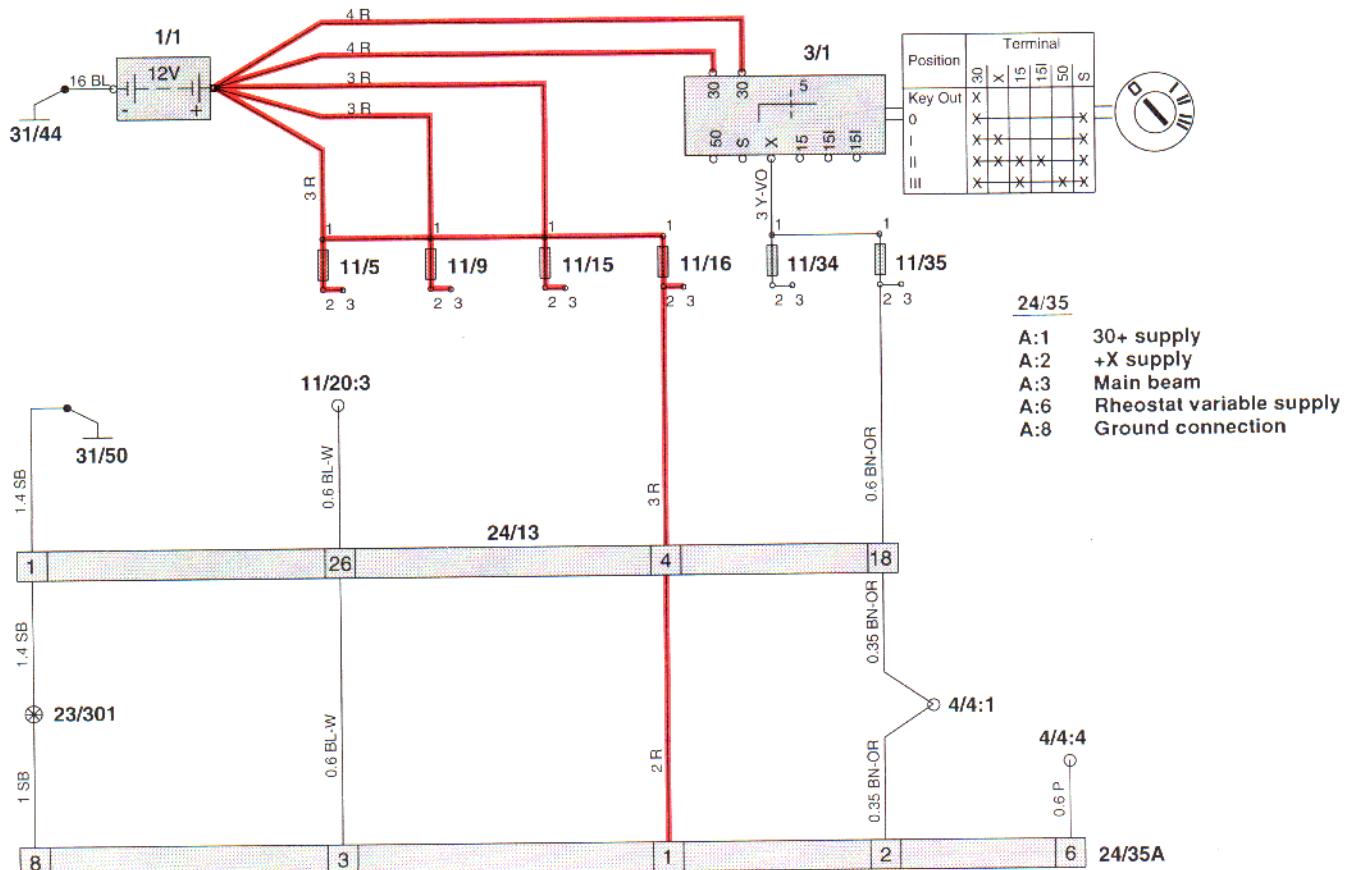
31/15

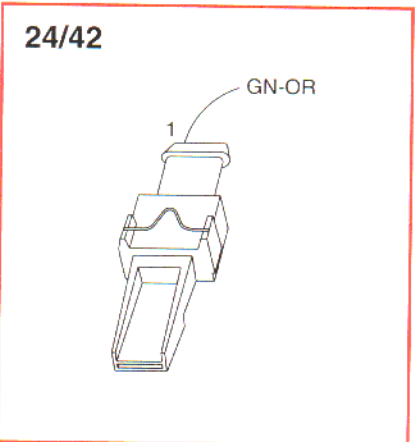
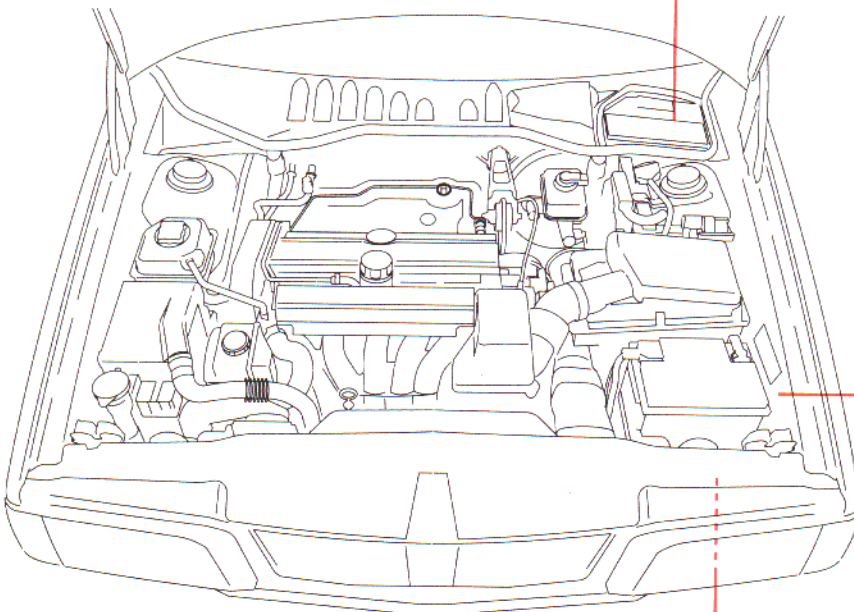
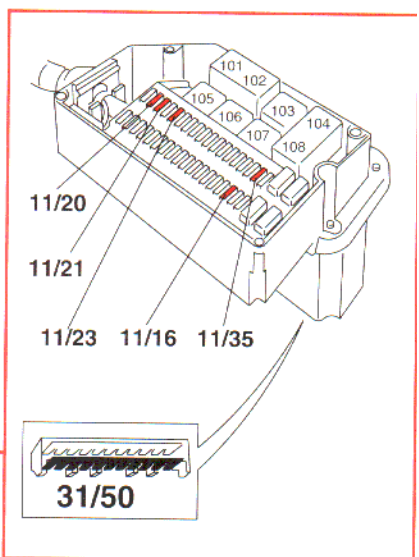
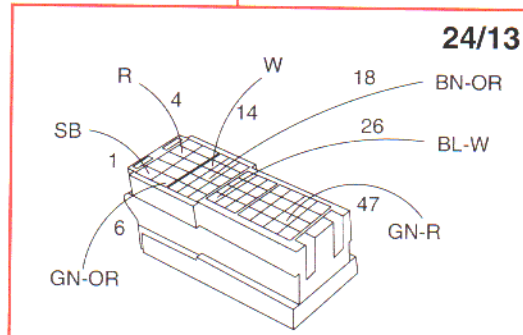
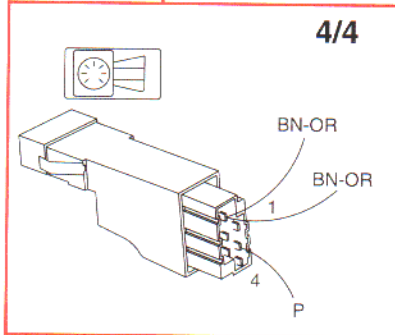
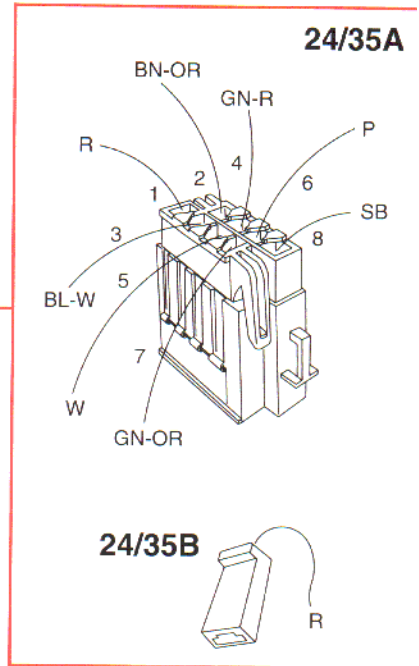
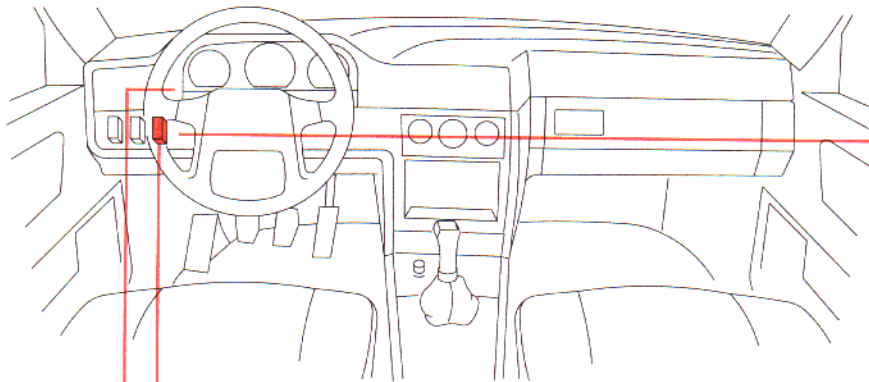


Pre-routed wiring for accessories, early type

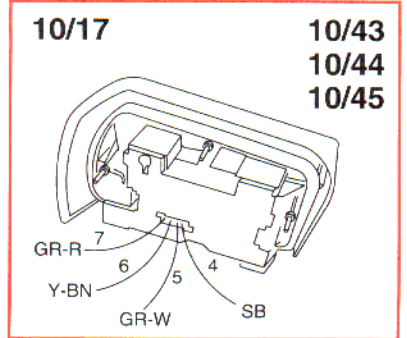
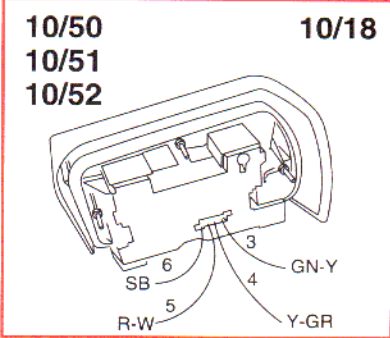
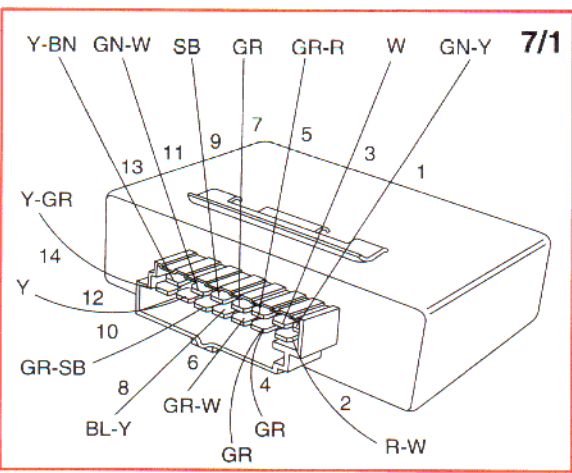
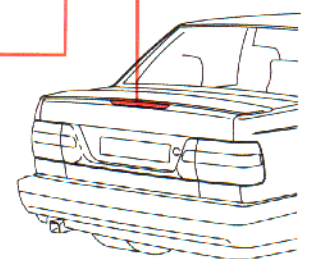
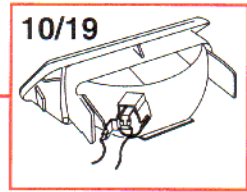
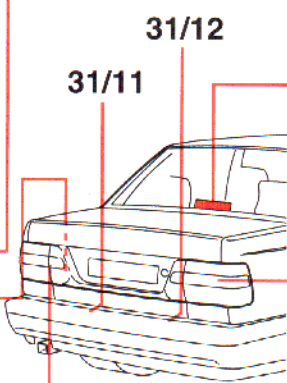
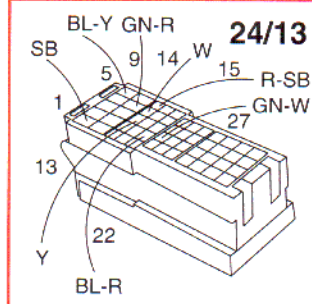
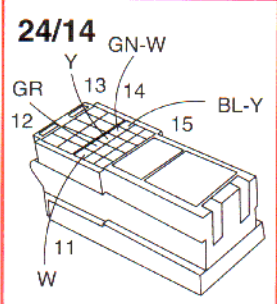
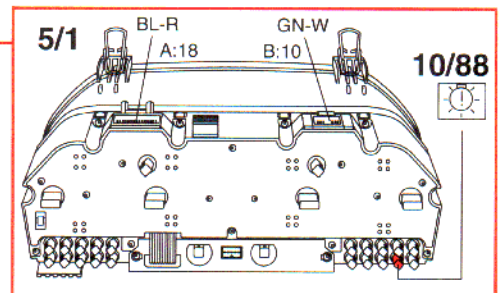
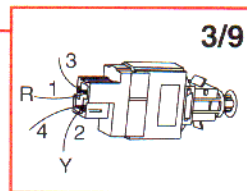
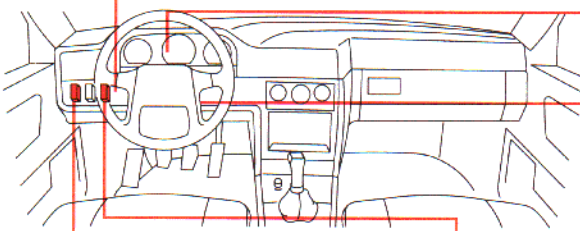
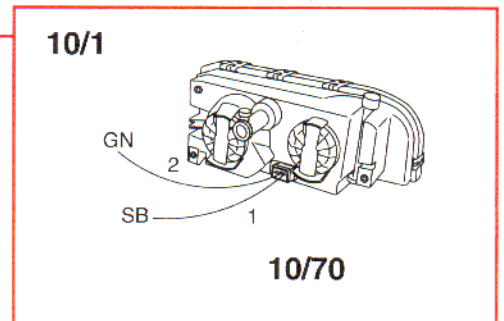
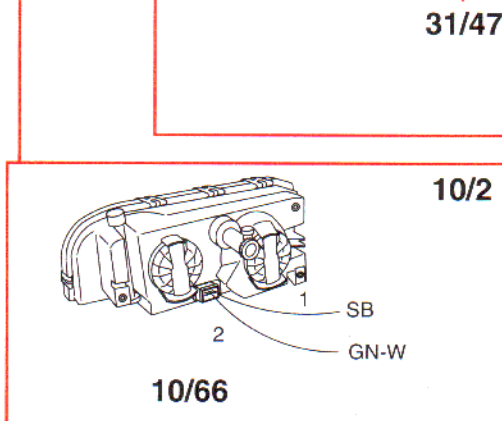
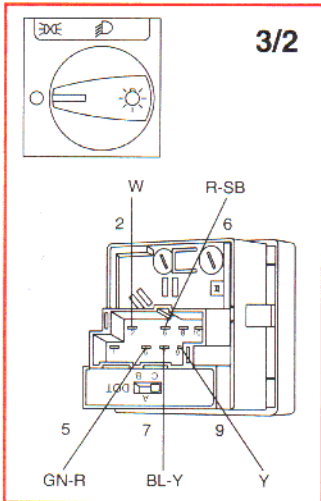
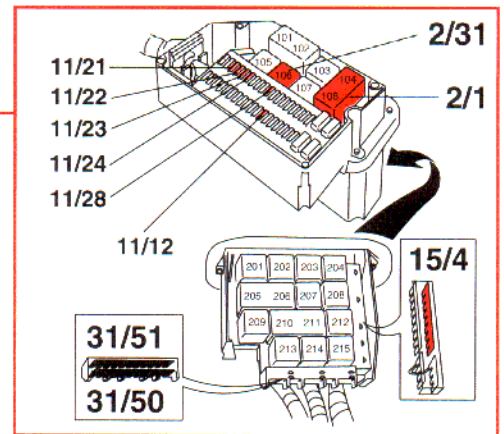
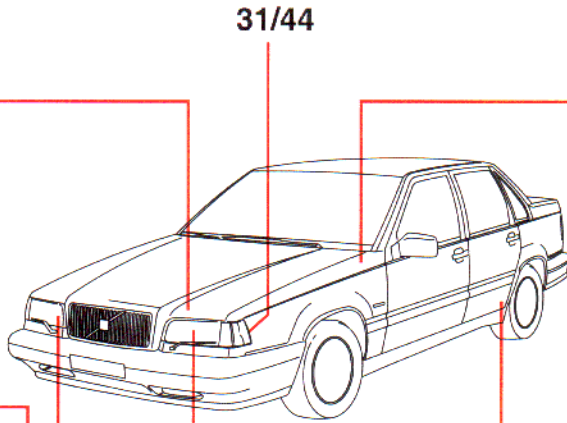
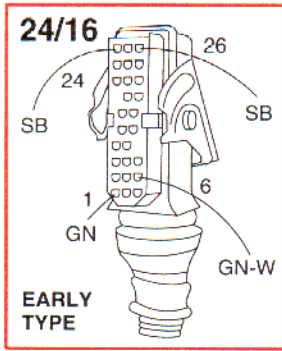


Pre-routed wiring for accessories, late type

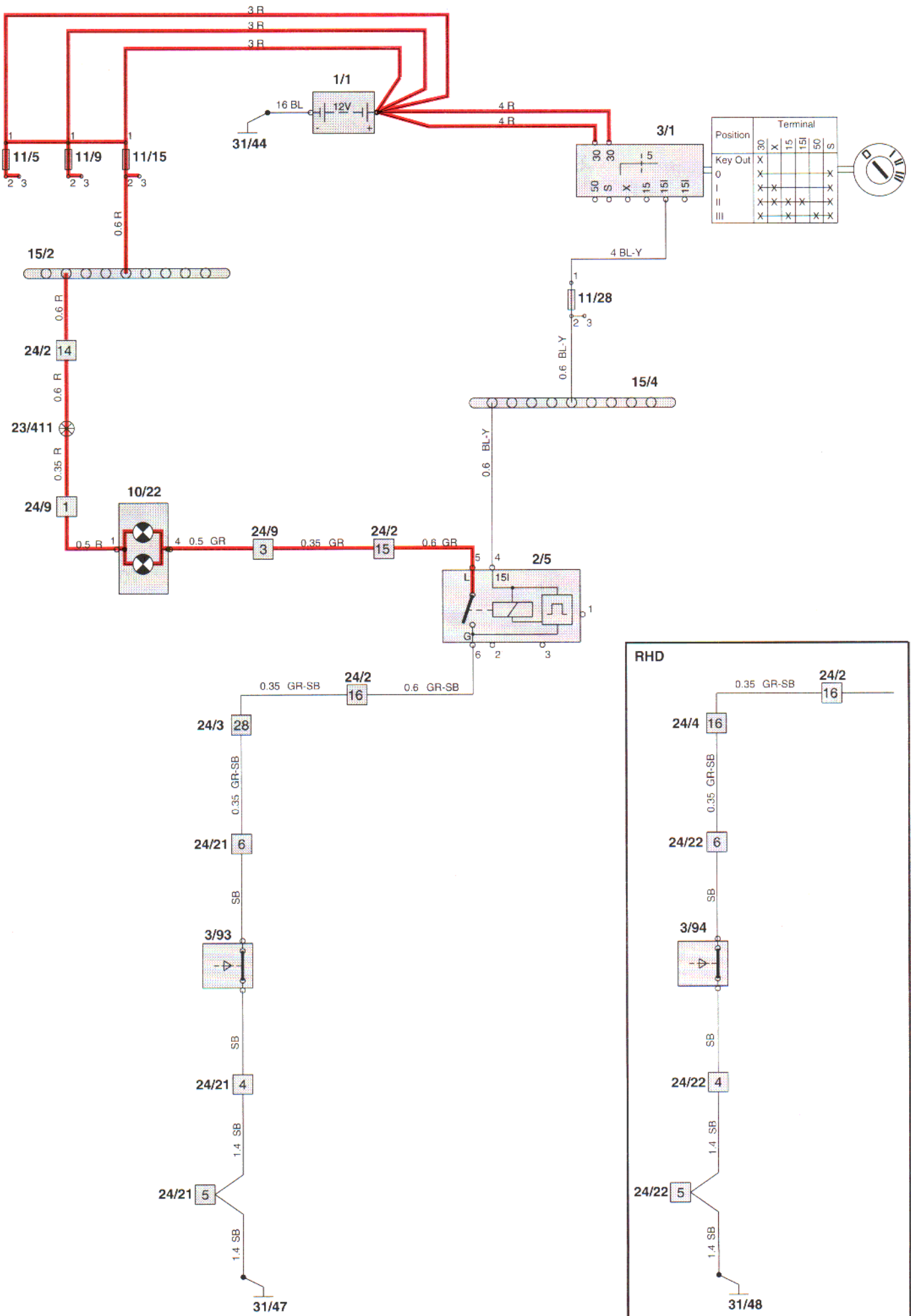


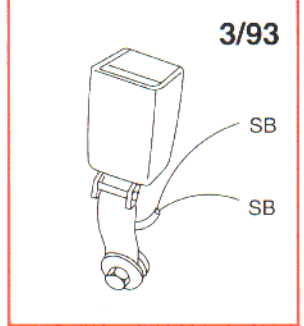
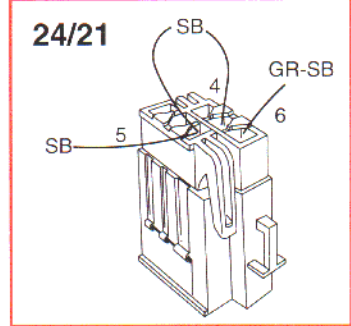
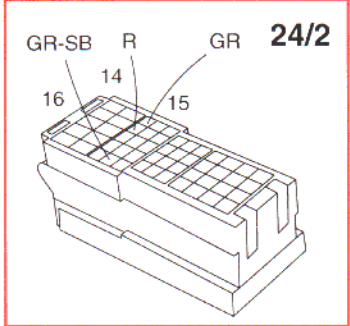
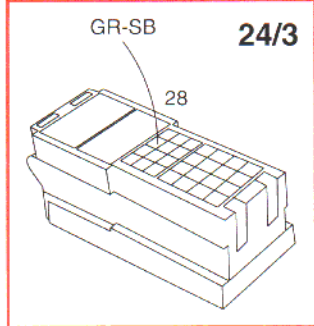
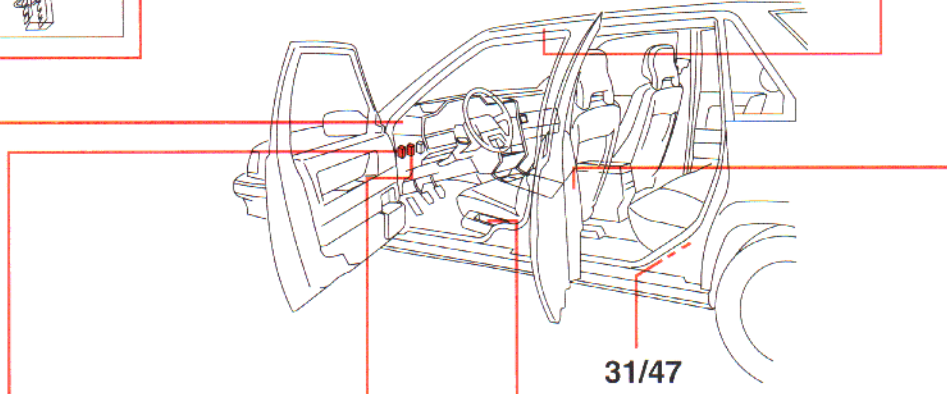
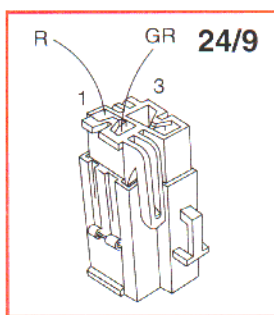
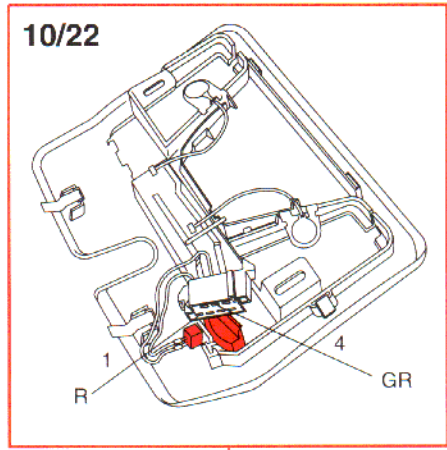
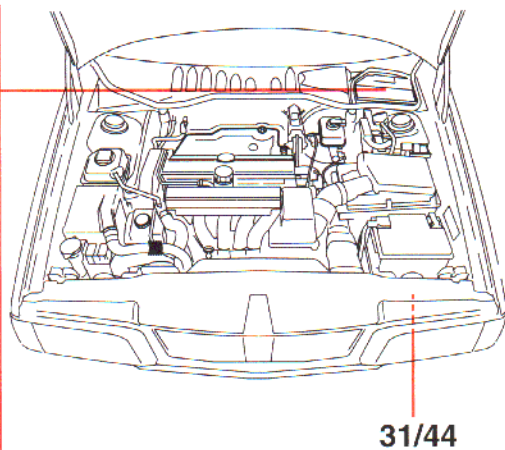
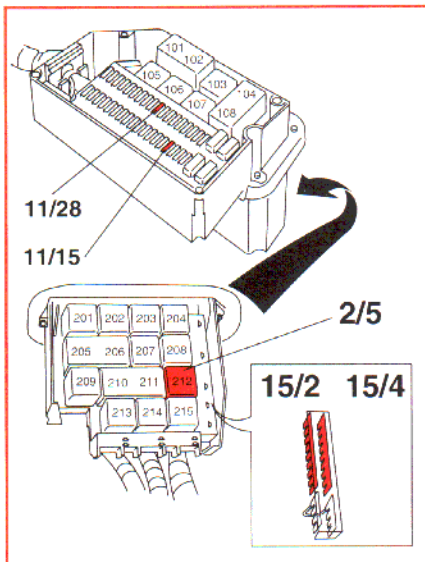


31/44

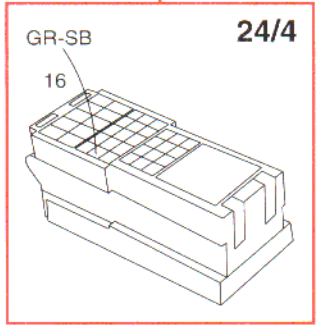
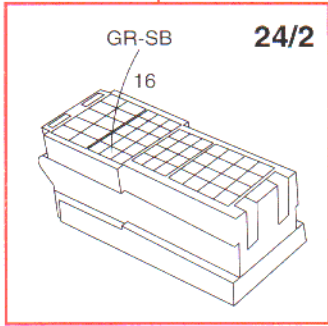
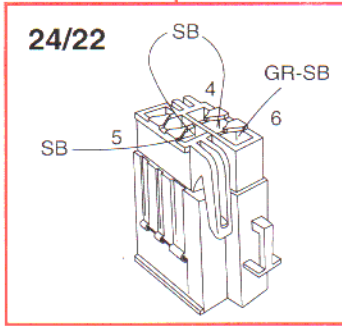
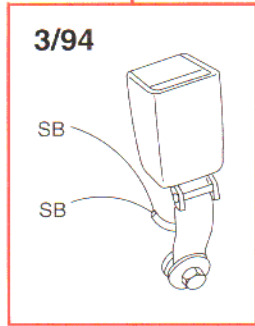
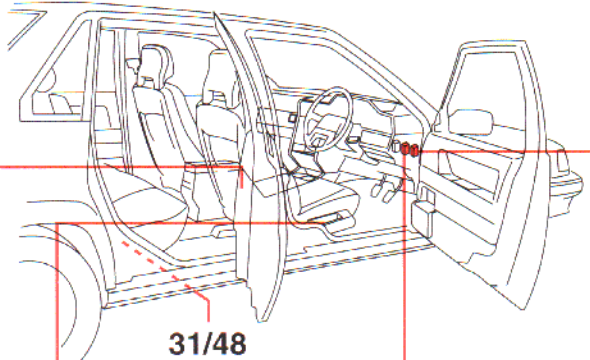


Seat belt reminder

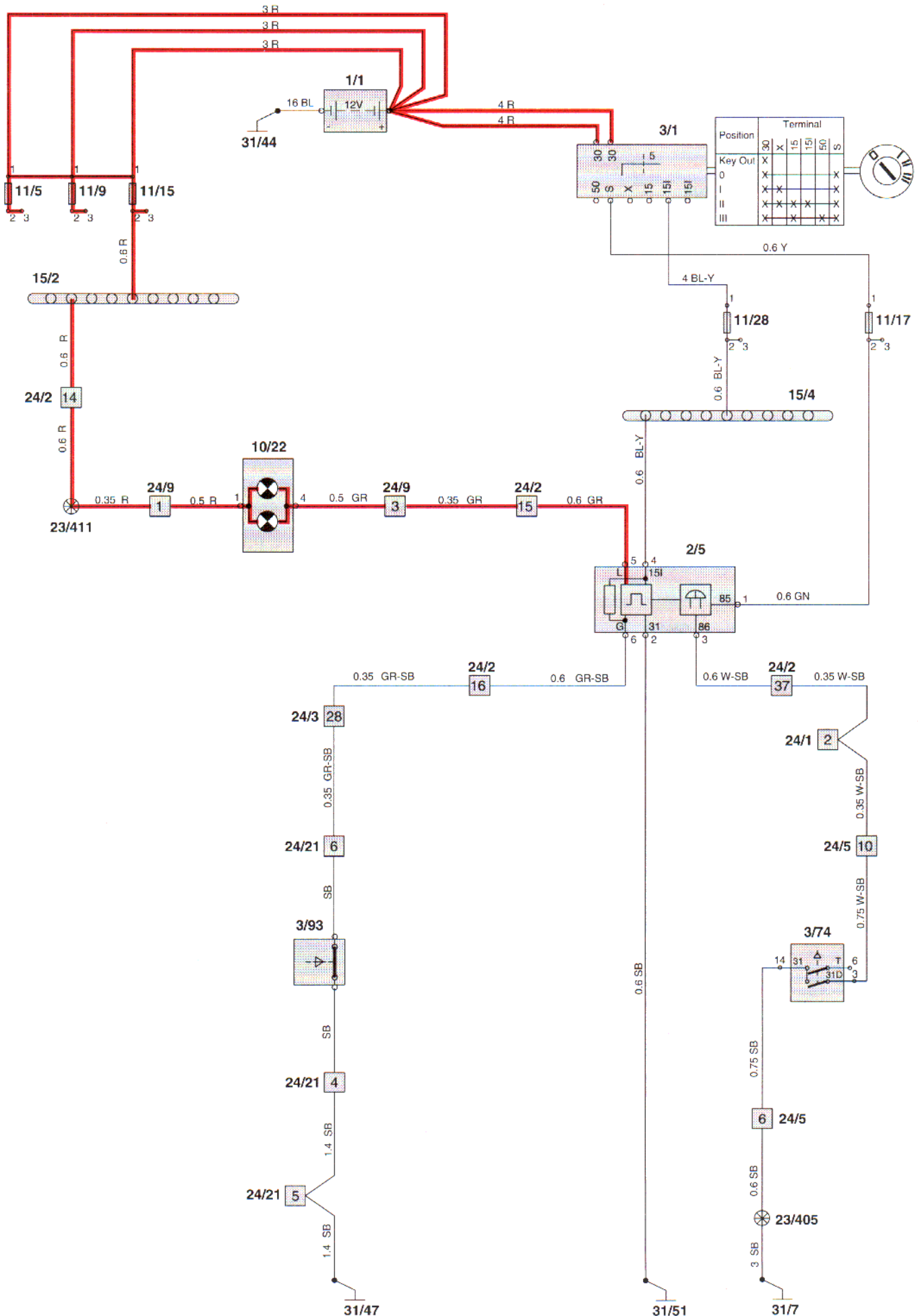


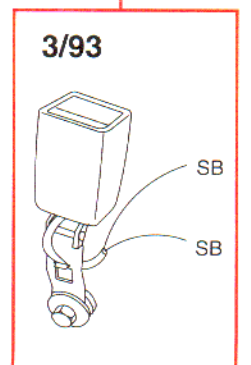
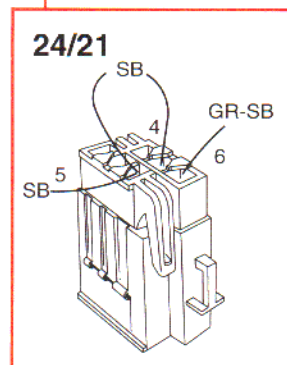
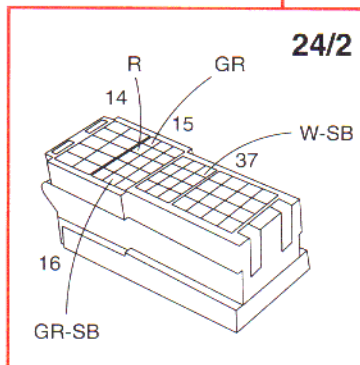
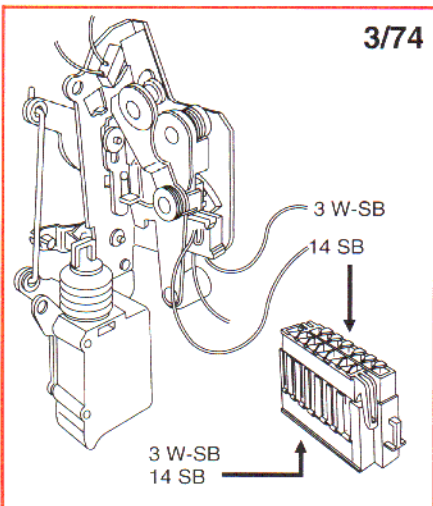
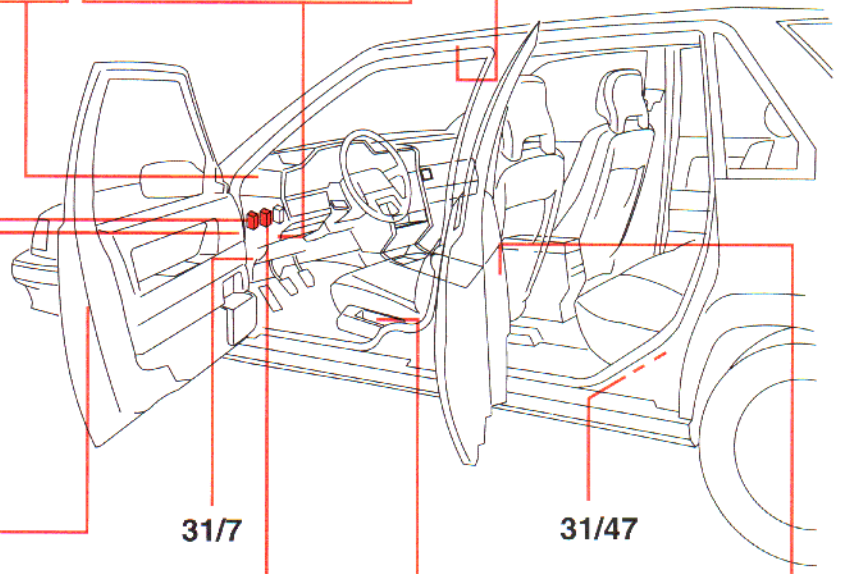
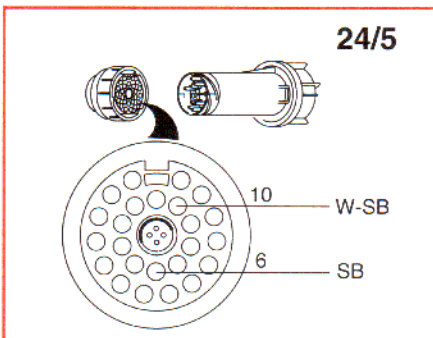
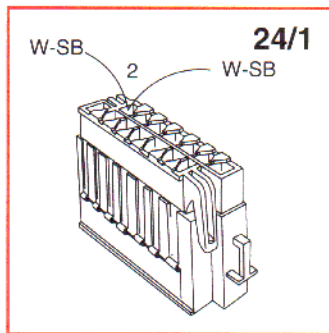
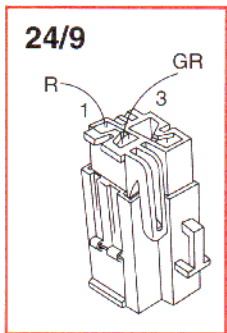
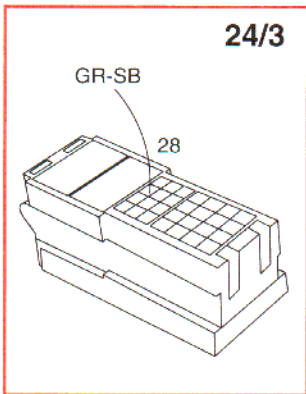
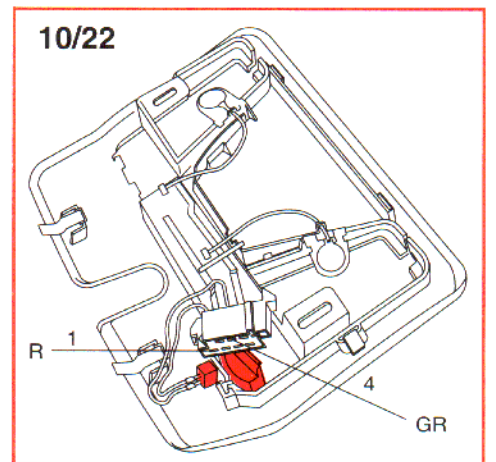
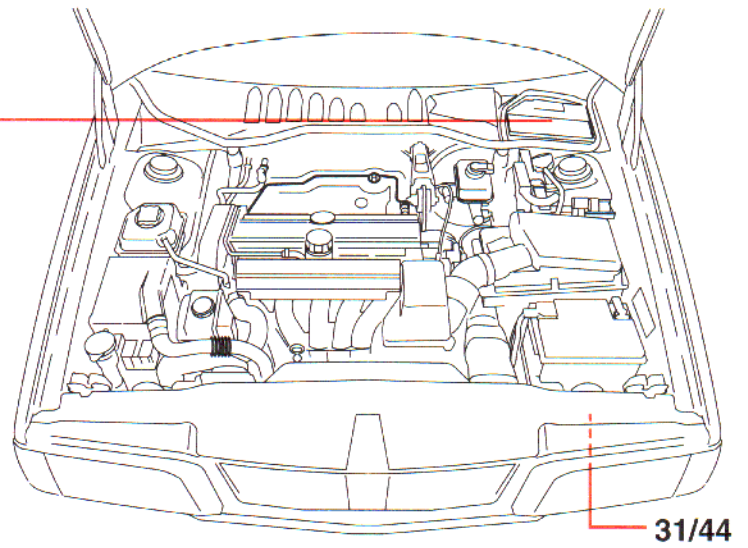
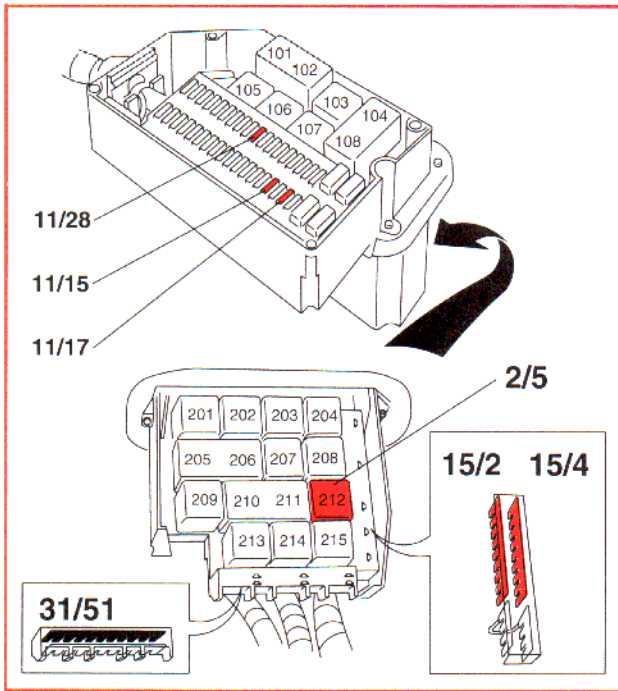


RHD

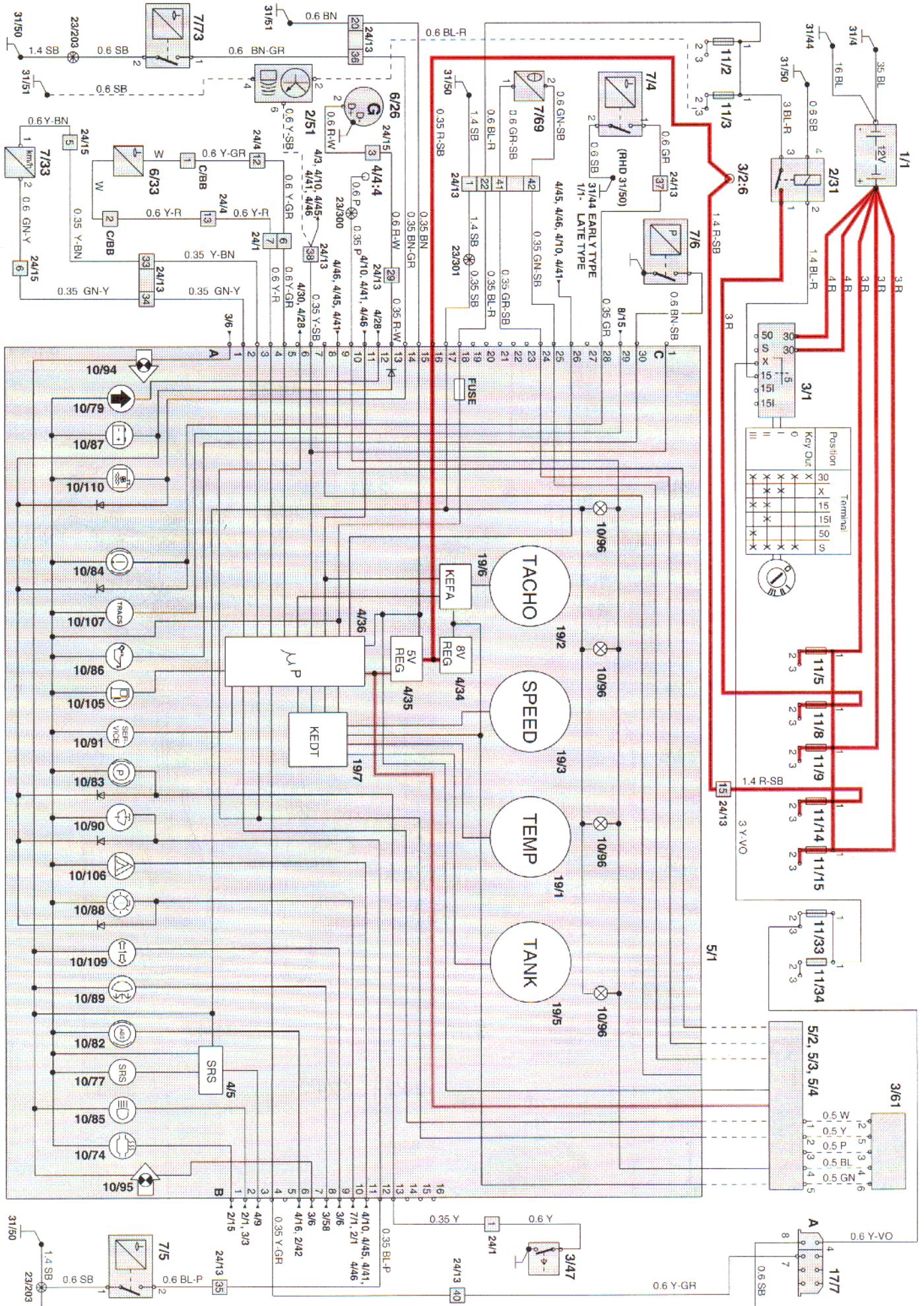


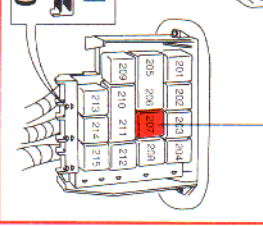
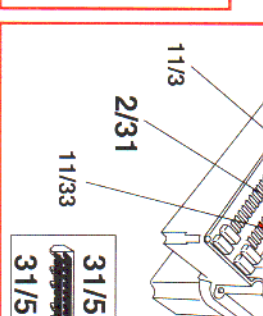
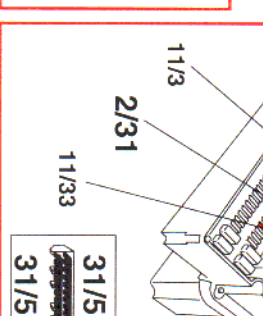
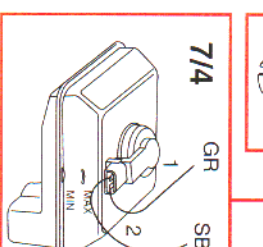
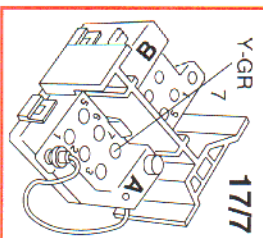
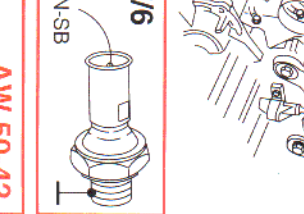
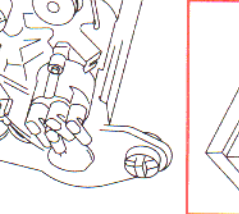
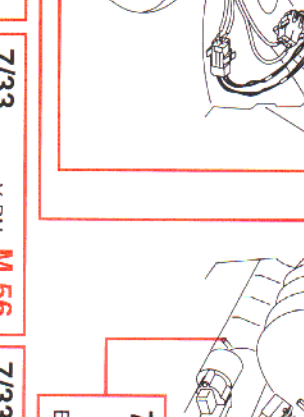
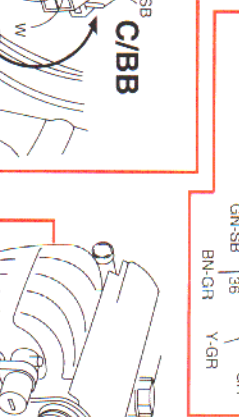
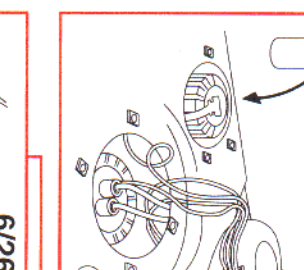
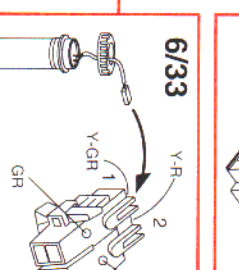
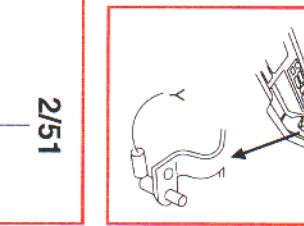
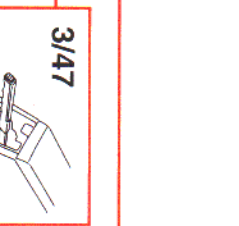
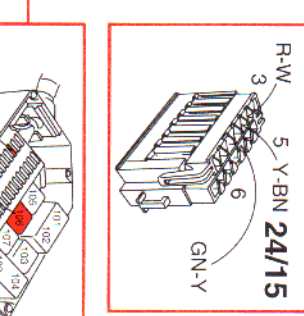
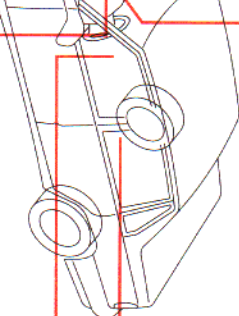
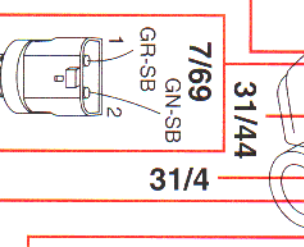
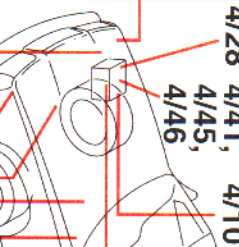
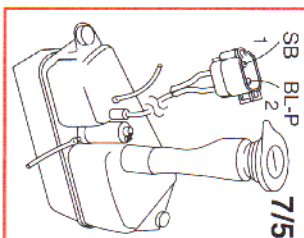
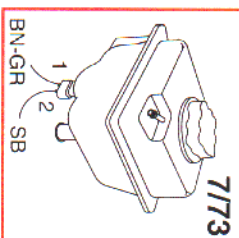
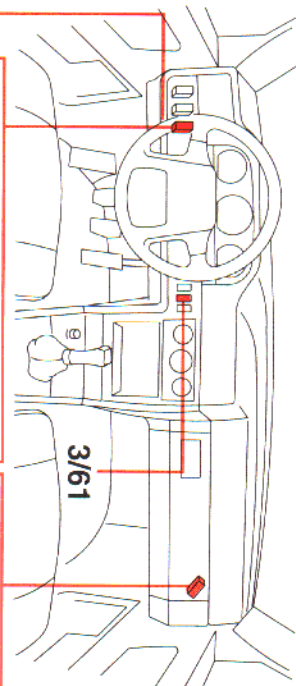
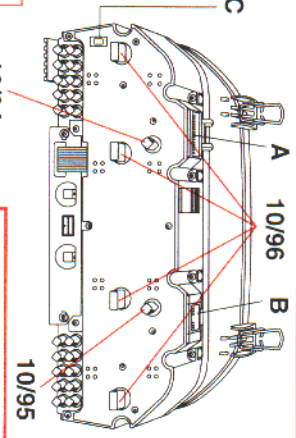
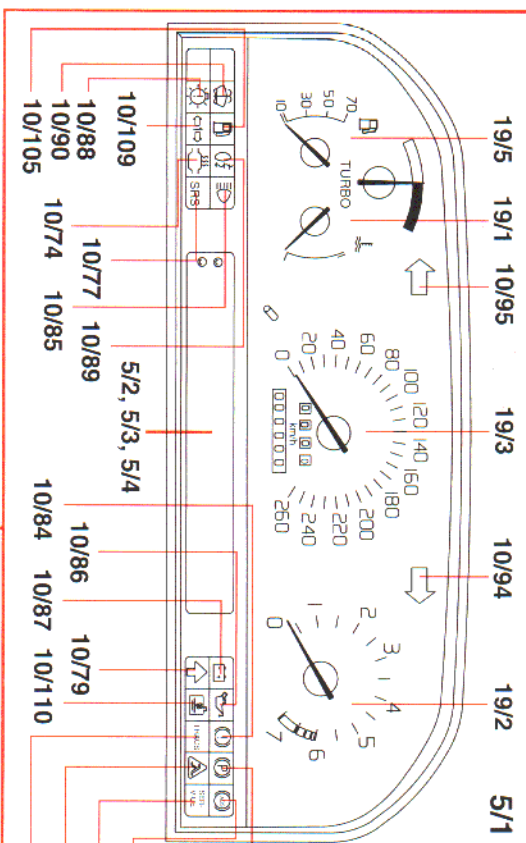
Seat belt and key reminder, USA, Canada, Korea





Combined instrument, VDO





Combined instrument VDO

Terminals in combined instrument

A 30-pin connector

1	Turn signal, right (+)
2	Speedometer (-)
3	Speedometer (+)
4	Fuel gauge (-)
5	Fuel gauge (+)
6	Digital speedometer output, 48 impulses per rotation
7	Digital speedometer output, 12 impulses per rotation
8	SPARE
9	Fuel consumption
10	Rheostat, instrument lighting (+)
11	RPM sensor, input signal
12	Winter program and low gear (automatic transmission)
13	Generator signal, D+
14	Coolant level sensor
15	Signal ground (31/51)
16	Voltage supply, +30
17	Lighting ground (31/50)
18	Voltage supply, +15
19	SPARE
20	SPARE
21	SPARE
22	SPARE
23	SPARE
24	Ambient temperature sensor (+)
25	Ambient temperature sensor (-)
26	Engine temperature sensor
27	SPARE
28	Brake fluid level sensor (-)
29	TRACS
30	Oil pressure sensor (-)

B 16-pin connector

1	Exhaust temp. sensor (-)
2	High beam (+)
3	Crash sensor/diagnostic unit SRS
4	DLC A
5	SPARE
6	ABS brake system (-)
7	Turn signal, left (+)
8	Rear fog lights (+)
9	Turn signal, trailer (+)
10	Bulb failure warning sensor (-)
11	Check engine (-)
12	Washer reservoir level sensor (-)
13	Parking brake contact (-)
14	SPARE
15	SPARE
16	SPARE

11-pin connector early type

11
10
9
7
8
6
5
4
3
2
1

Fuel consumption
Ambient temperature sensor (+)
Ambient temperature sensor (-)
Signal and lighting grounds (31/51)
SPARE
Voltage supply +30 (5 V stabilized)
Fuel level
Digital speedometer output, 48 impulses per rotation
Seal for coding connector
Rheostat instrument lighting (+)
Voltage supply +15 (8 V stabilized)

D 10-pin connector late type

1
2
3
4
5
6
7
8
-
9
10

C 1-pin connector (double spade pin)

Digital speedometer output, 12 impulses per rotation (for accessories)

E 5-pin connector

1	Rheostat instrument lighting (+)
2	Signal and lighting grounds (31/51)
3	Function signal
4	Function signal
5	Function signal

Instrument lamps

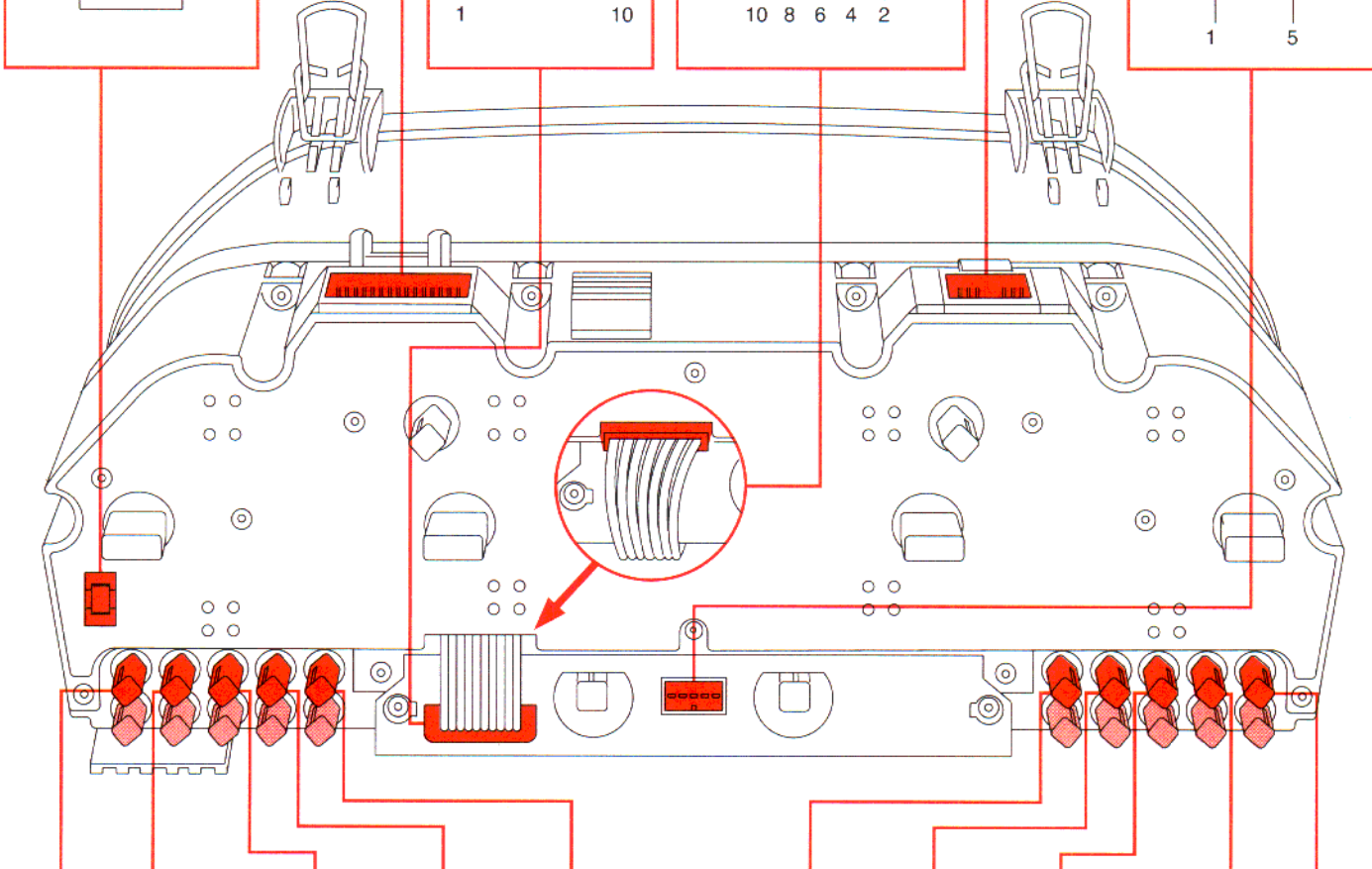
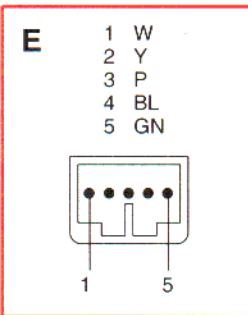
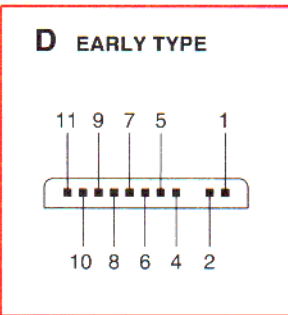
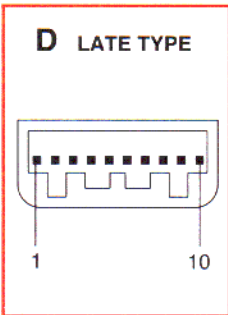
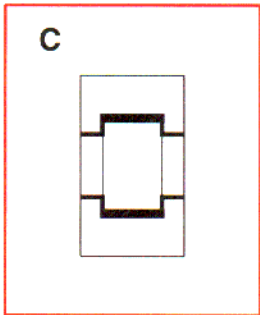
10/74	Indicator lamp, exhaust temperature	10/88	Indicator light, bulb failure warning sensor
10/77	Indicator lamp SRS	10/89	Indicator lamp, rear fog lights
10/79	Indicator lamp, winter program and low selection (automatic transmission)	10/90	Washer level warning lamp
10/82	Indicator lamp ABS	10/91	Service warning
10/83	Indicator lamp, handbrake	10/105	Fuel level warning lamp
10/84	Brake warning lamp	10/106	Malfunction Indicator Lamp (MIL) warning lamp
10/85	Warning light, high beam	10/107	TRACS warning lamp
10/86	Oil pressure warning lamp	10/109	Indicator lamp, trailer
10/87	Indicator lamp, charging	10/110	Coolant level warning lamp

A

1 BL-GN	16 R-SB	24 GR-SB
2 GN-Y	17 SB	25 GN-SB
3 Y-BN	18 BL-R	26 GN-GR
4 Y-R	19 -	27 -
5 Y-GR	20 -	28 GR
6 GR-W	21 -	29 Y-W
7 Y-SB	22 -	30 BN-SB
8 -	23 -	
9 GR-R		
10 P		
11 W-SB		
12 GN-OR		
13 R-W		
14 BN-GR		
15 BN		

B

1 P	9 BL
2 BL-W	10 GN-W
3 GN-BN	11 BN-W
4 Y-GR	12 BL-P
5 -	13 Y
6 VO	14 -
7 GN	15 -
8 VO-W	16 -



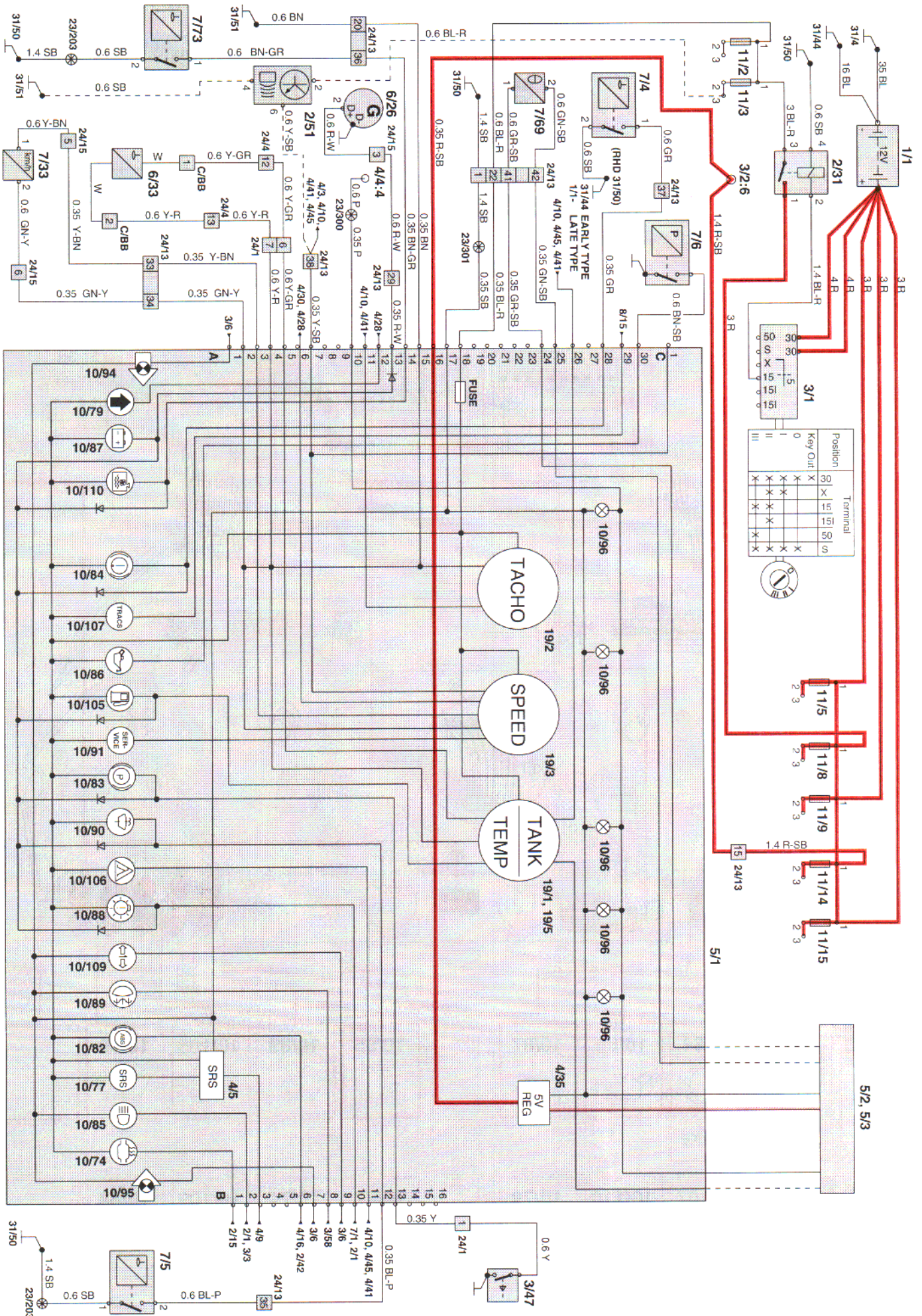
10/82 ABS	10/83 PARK BRAKE	10/84 BRAKE	10/86 Oil level icon	10/87 Battery icon
---------------------	----------------------------	-----------------------	--------------------------------	------------------------------

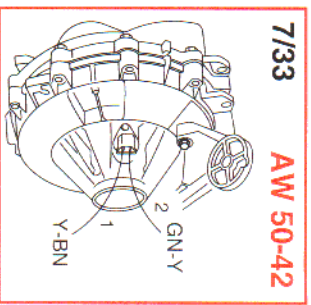
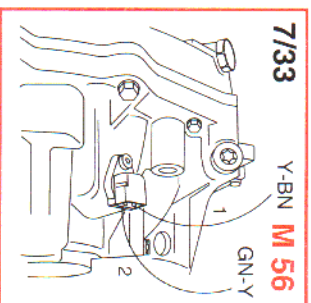
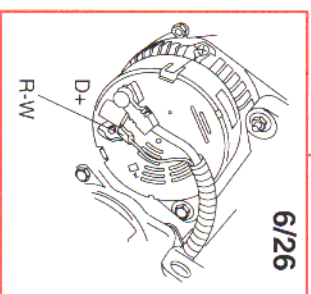
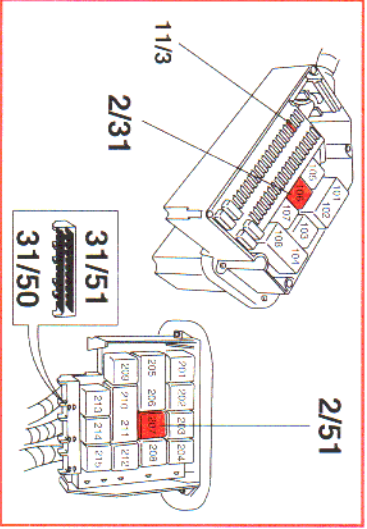
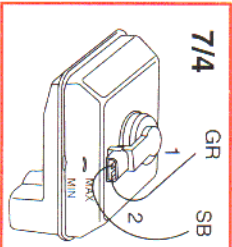
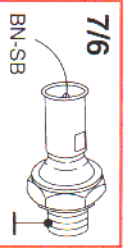
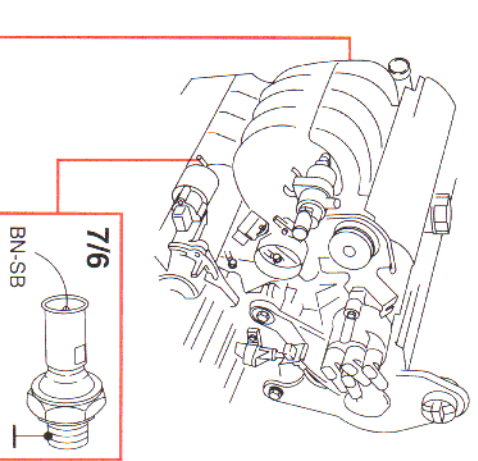
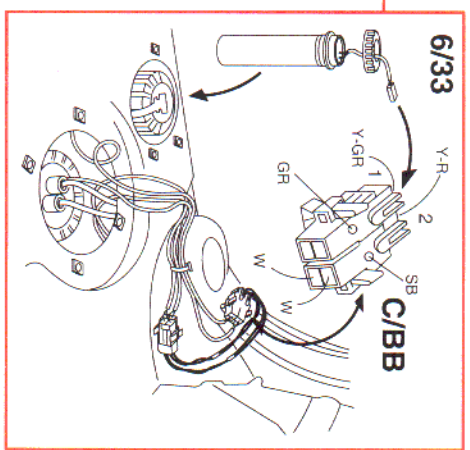
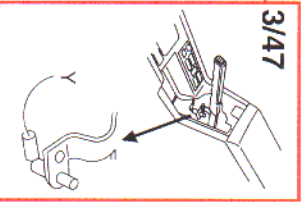
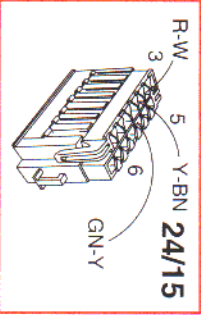
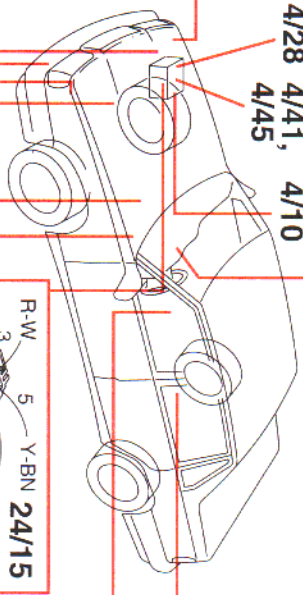
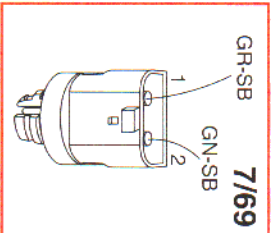
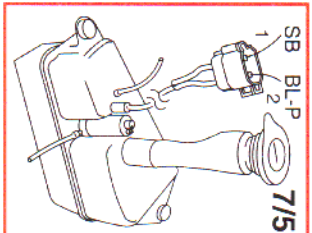
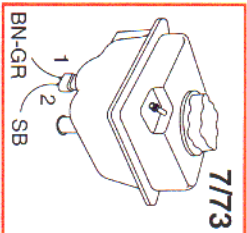
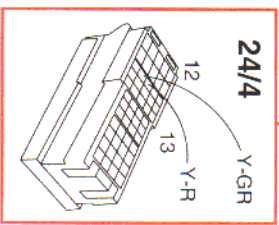
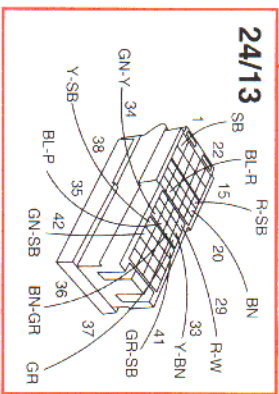
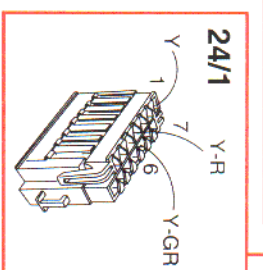
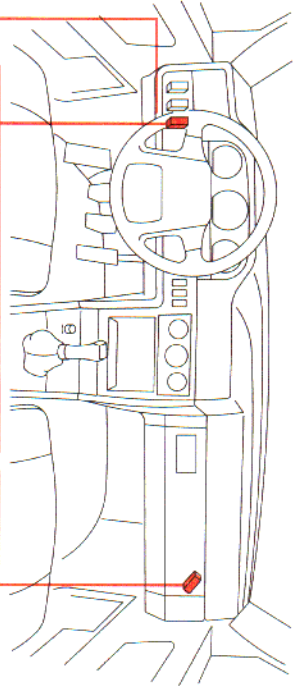
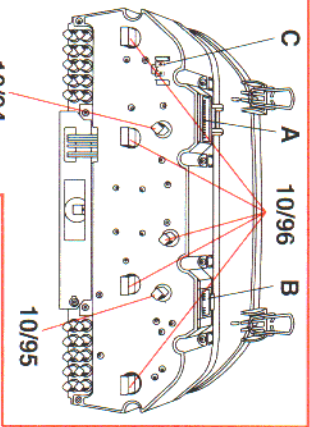
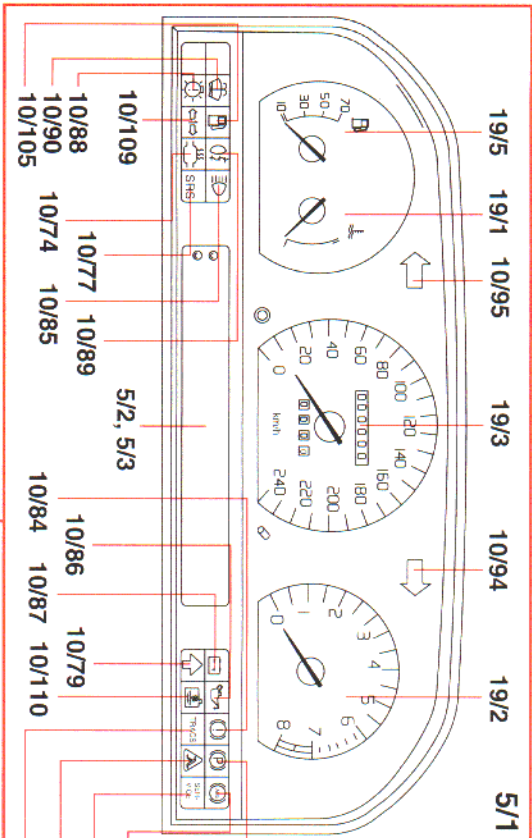
10/85 Headlight icon	10/89 Wiper icon	10/105 Fuel pump icon	10/90 Washers icon	
--------------------------------	----------------------------	---------------------------------	------------------------------	--

10/91 SERVICE	10/106 CHECK ENGINE	10/107 TRACS	10/110 Water level icon	10/79 Up arrow icon
-------------------------	-------------------------------	------------------------	-----------------------------------	-------------------------------

10/77 SRS	10/74 SRS icon	10/109 Left/Right arrow icon	10/88 Alarm icon	
---------------------	--------------------------	--	----------------------------	--

Combined instrument, Yasaki





Combined instrument Yasaki

Terminals in combined instrument

A 30-pin connector

1	Turn signal, right (+)
2	Speedometer (-)
3	Speedometer (+)
4	Fuel gauge (-)
5	Fuel gauge (+)
6	Digital speedometer output, 48 impulses per rotation
7	Digital speedometer output, 12 impulses per rotation
8	SPARE
9	SPARE
10	Rheostat, instrument lighting (+)
11	RPM sensor, input signal
12	Winter program and low gear (automatic transmission)
13	Generator signal, D+
14	Coolant level sensor
15	Signal ground (31/51)
16	Voltage supply, +30
17	Lighting ground (31/50)
18	Voltage supply, +15
19	SPARE
20	SPARE
21	SPARE
22	SPARE
23	SPARE
24	Ambient temperature sensor (+)
25	Ambient temperature sensor (-)
26	Engine temperature sensor
27	SPARE
28	Brake fluid level sensor (-)
29	TRACS
30	Oil pressure sensor (-)

B 16-pin connector

1	Exhaust temp. sensor (-)
2	High beam (+)
3	Crash sensor/diagnostic unit SRS
4	SPARE
5	SPARE
6	ABS brake system (-)
7	Turn signal, left (+)
8	Rear fog lights (+)
9	Turn signal, trailer (+)
10	Bulb failure warning sensor (-)
11	Check engine (-)
12	Washer reservoir level sensor (-)
13	Parking brake contact (-)
14	SPARE
15	SPARE
16	SPARE

11-pin connector early type

11
10
9
7
8
6
5
4
3
2
1

D

SPARE
Ambient temperature sensor (+)
Ambient temperature sensor (-)
Signal and lighting grounds (31/51)
SPARE
Voltage supply +30 (5 V stabilized)
SPARE
SPARE
Seal for coding connector
Rheostat instrument lighting (+)
Voltage supply +15 (8 V stabilized)

10-pin connector late type

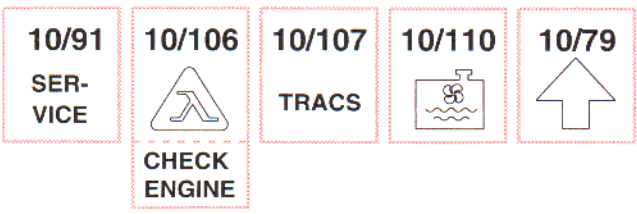
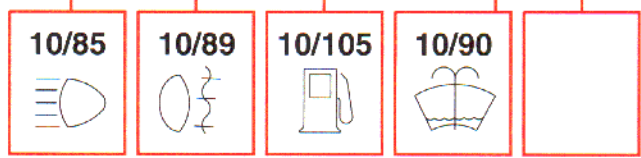
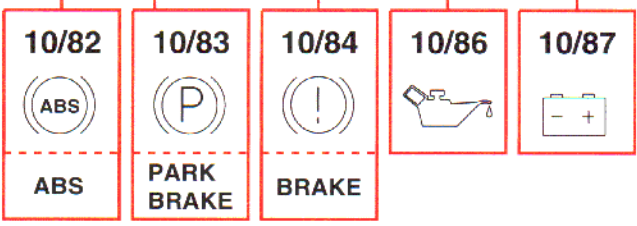
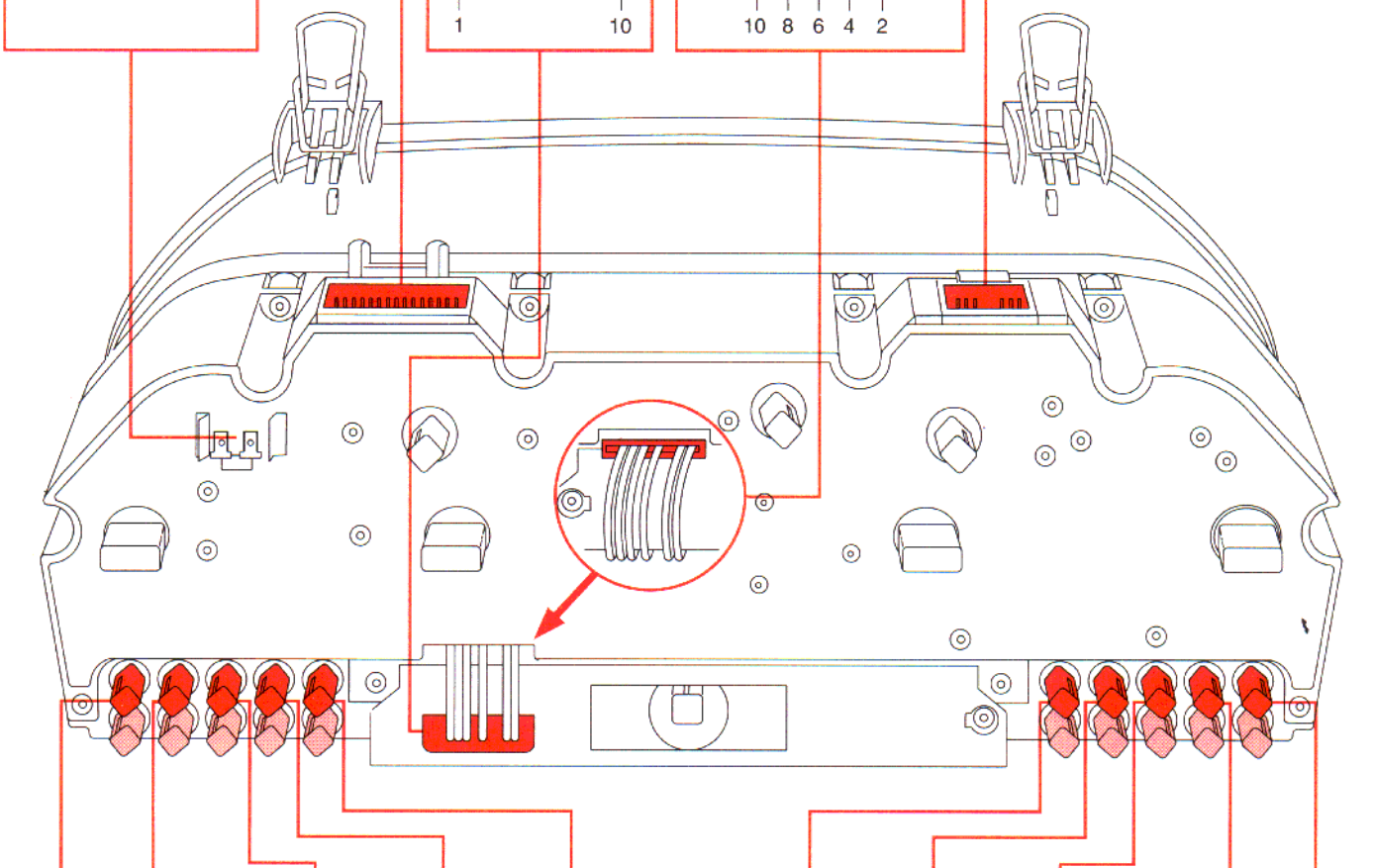
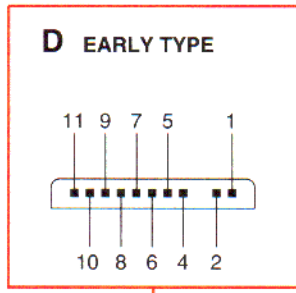
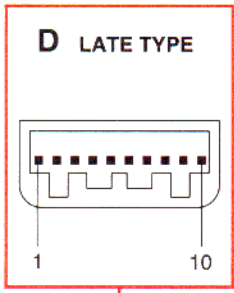
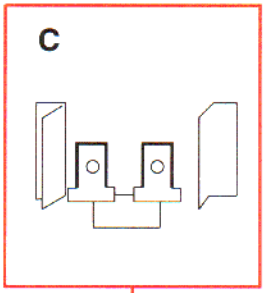
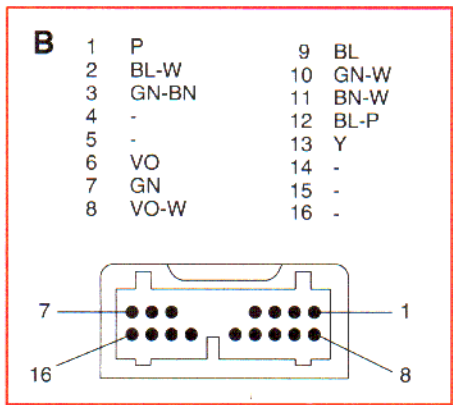
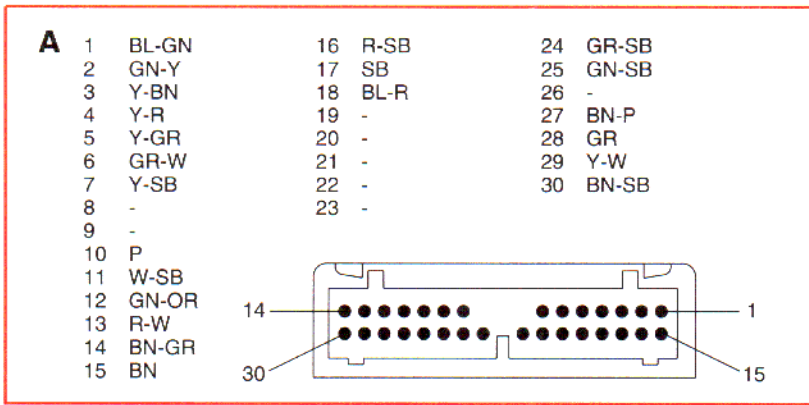
1
2
3
4
5
6
7
8
-
9
10

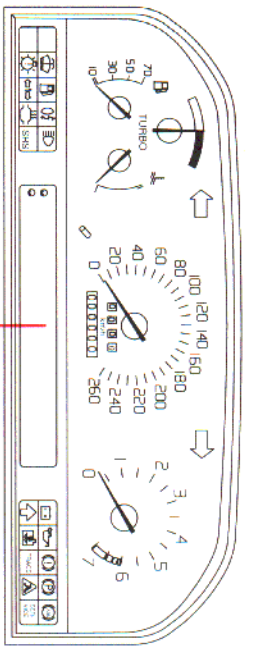
C 1-pin connector (double spade pin)

Digital speedometer output, 12 impulses per rotation (for accessories)

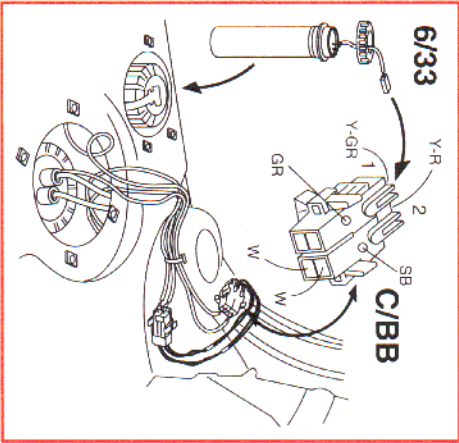
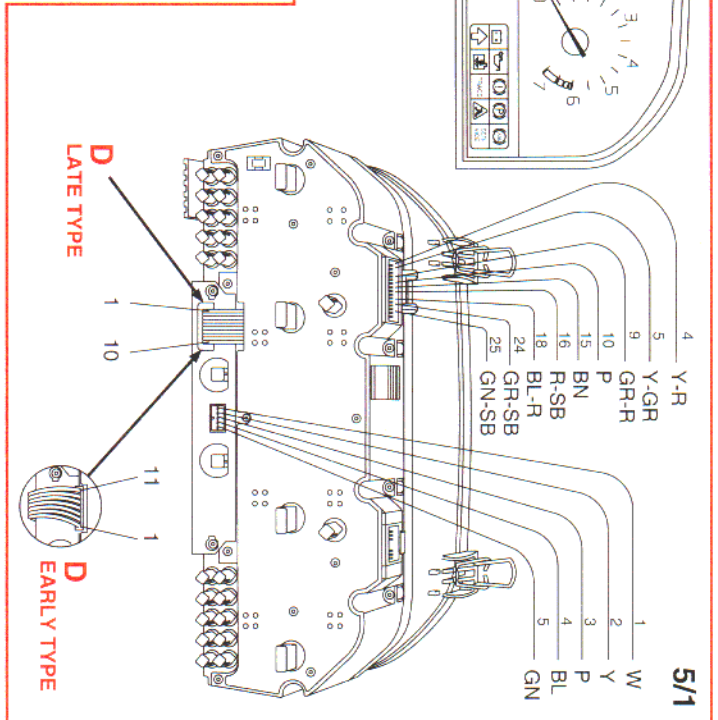
Instrument lamps

10/74	Indicator lamp, exhaust temperature	10/88	Indicator light, bulb failure warning sensor
10/77	Indicator lamp SRS	10/89	Indicator lamp, rear fog lights
10/79	Indicator lamp, winter program and low selection (automatic transmission)	10/90	Washer level warning lamp
10/82	Indicator lamp ABS	10/91	Service warning
10/83	Indicator lamp, handbrake	10/105	Fuel level warning lamp
10/84	Brake warning lamp	10/106	Check engine MIL warning lamp
10/85	Warning light, high beam	10/107	TRACS warning lamp
10/86	Oil pressure warning lamp	10/109	Indicator lamp, trailer
10/87	Indicator lamp, charging	10/110	Coolant level warning lamp

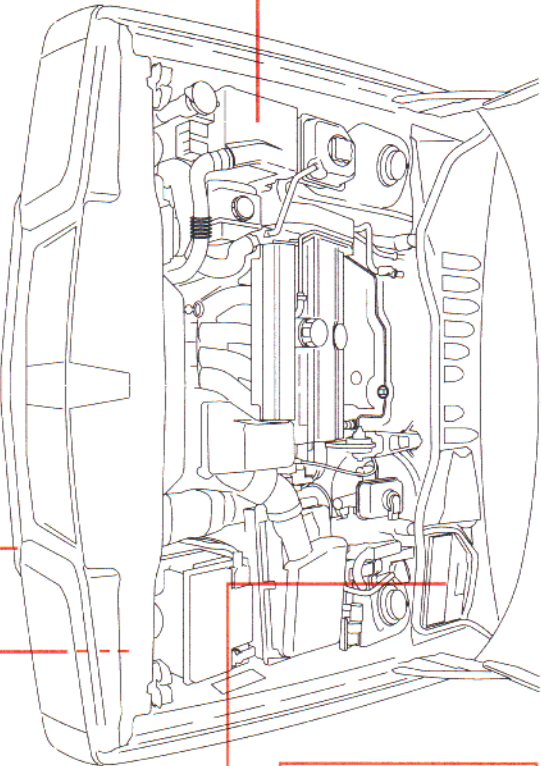
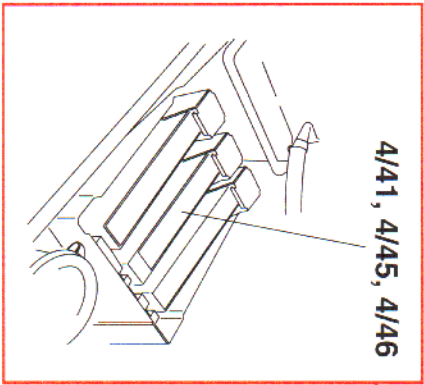




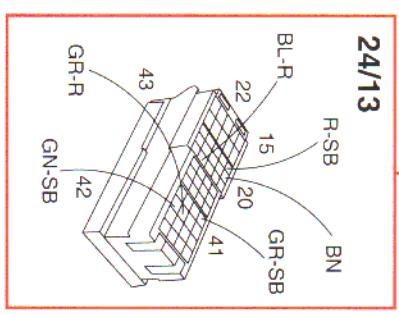
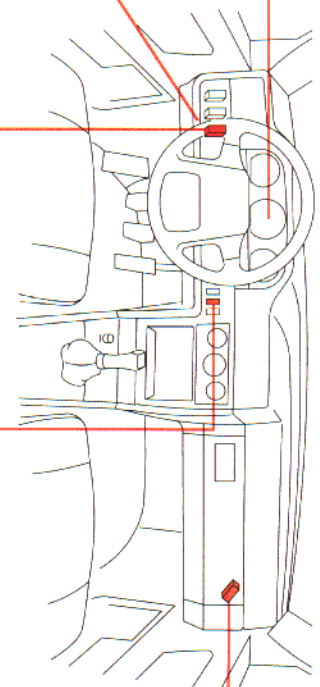
5/2, 5/3, 5/4



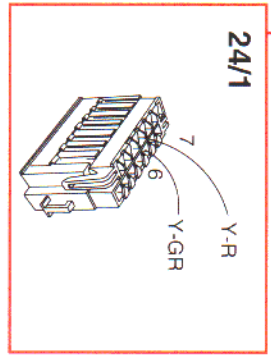
4/41, 4/45, 4/46



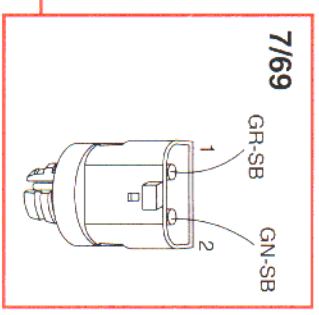
31/44



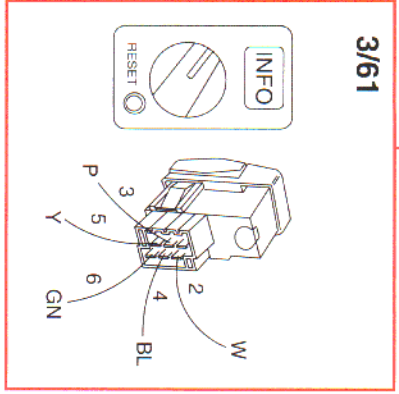
24/13



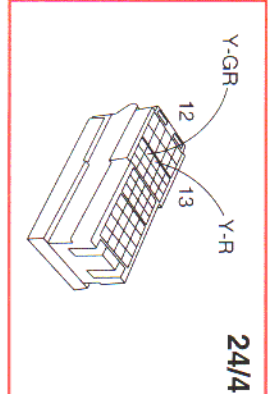
24/1



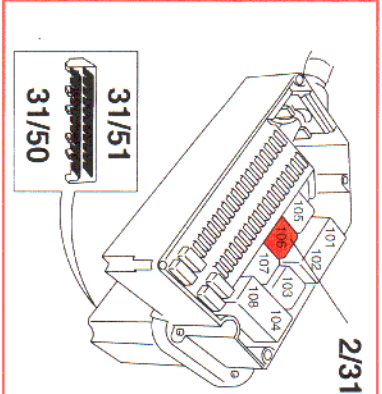
7/69



3/61

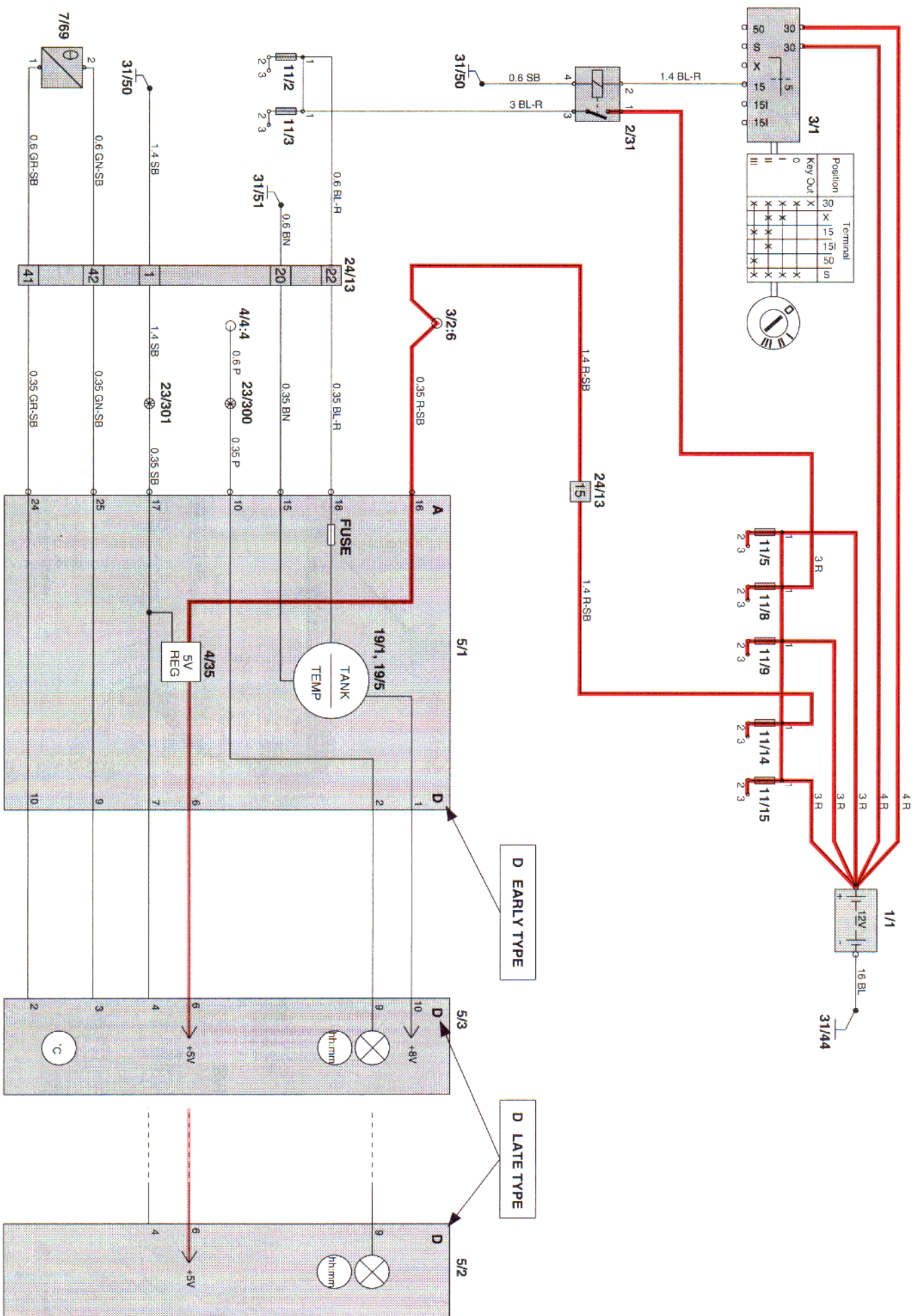


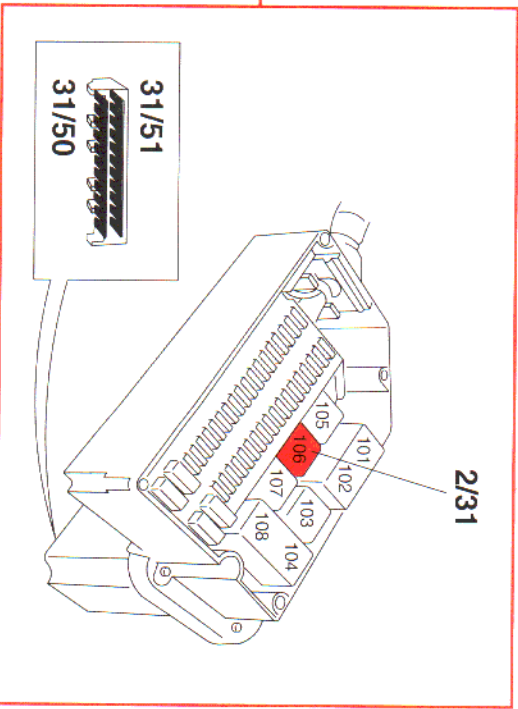
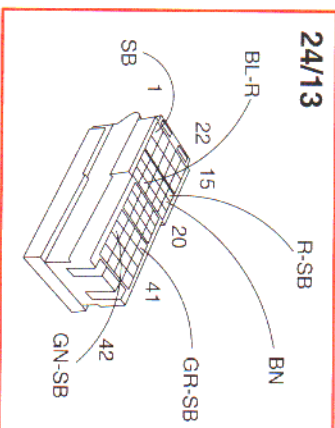
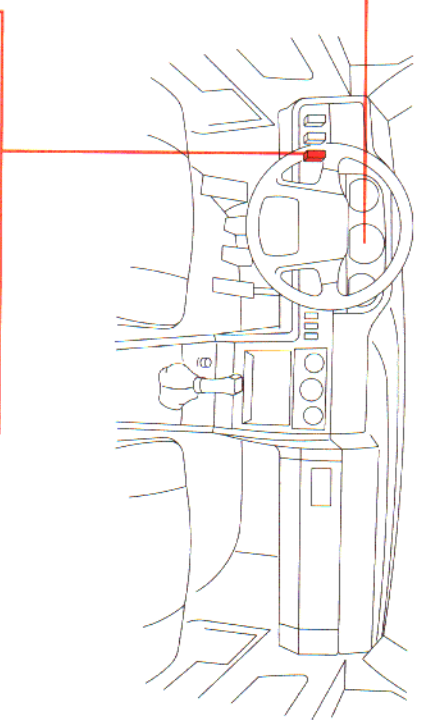
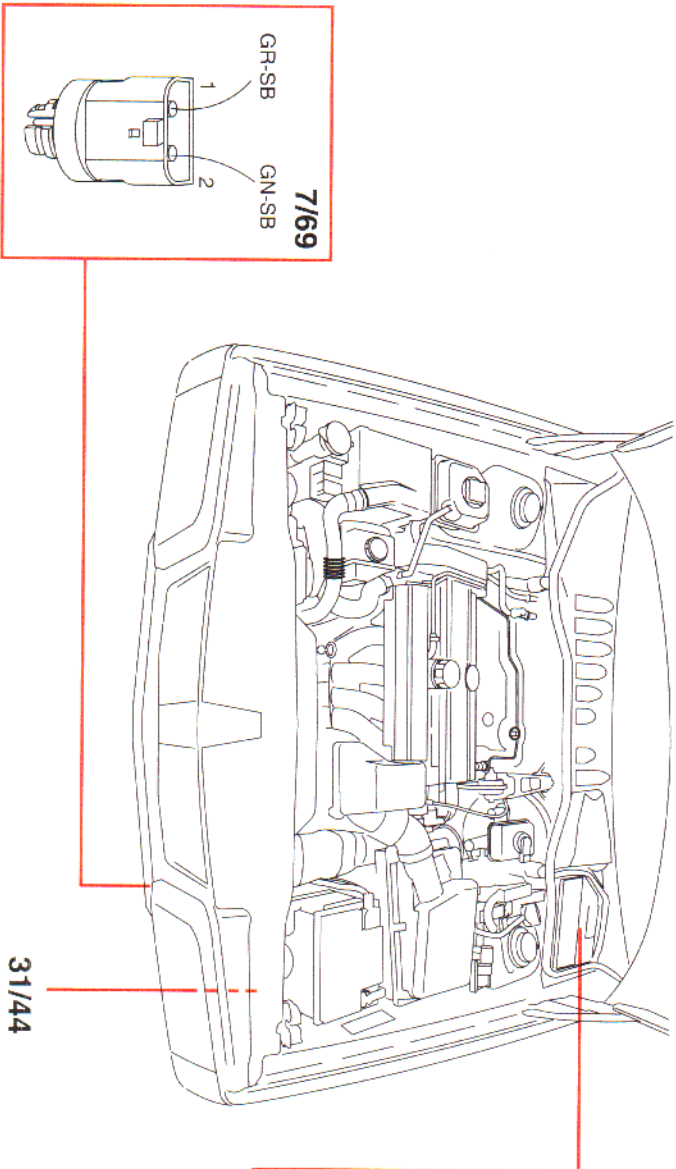
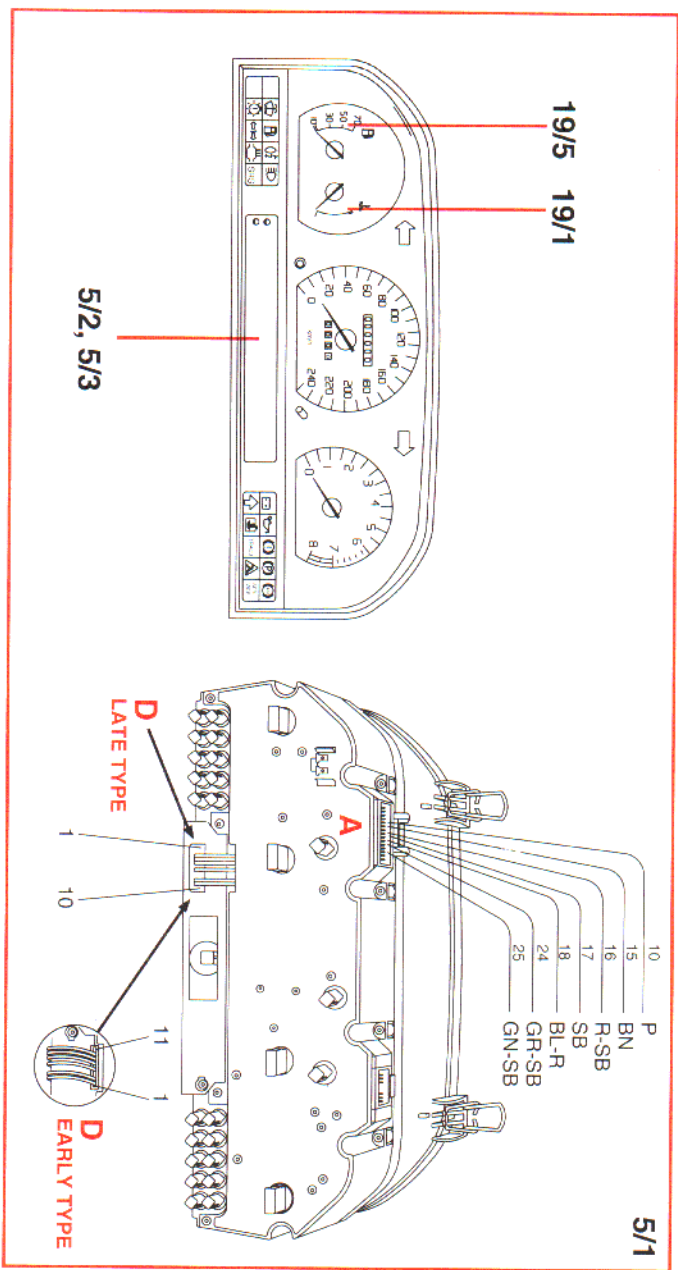
24/4



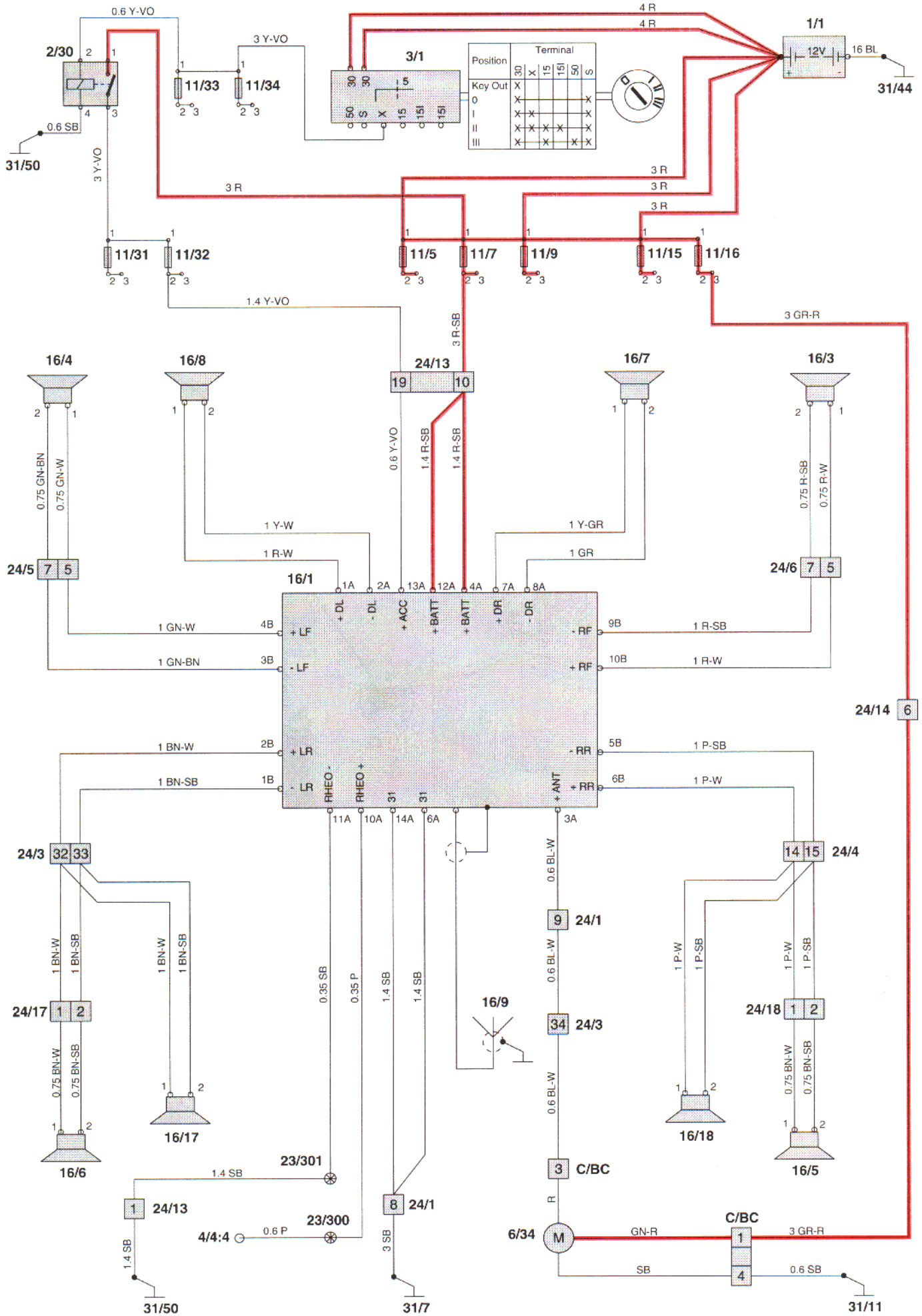
2/31

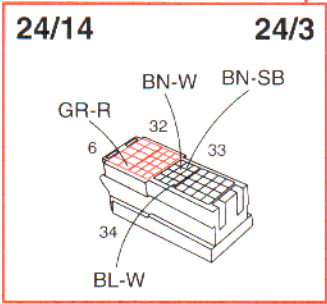
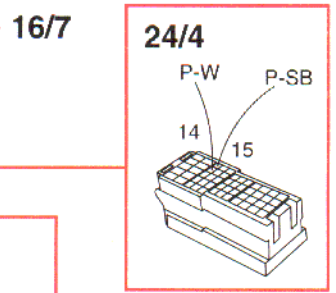
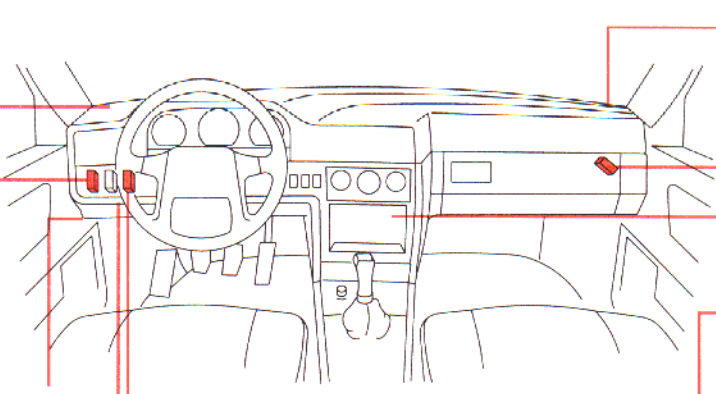
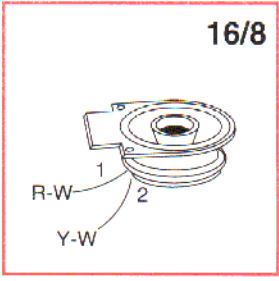
Clock module/ambient temperature and clock module (Combined instrument Yasaki)



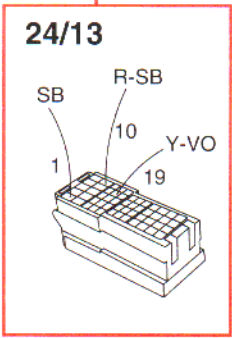
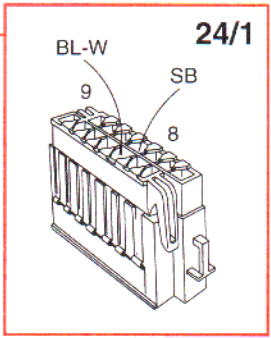


Radio, 4-door

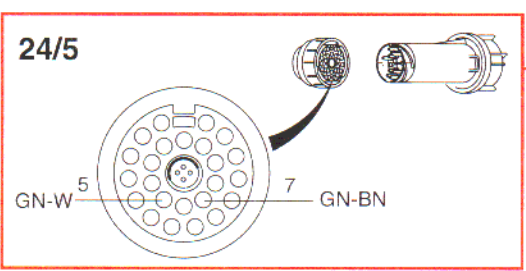
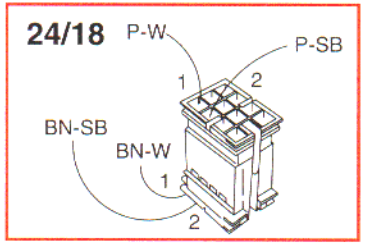
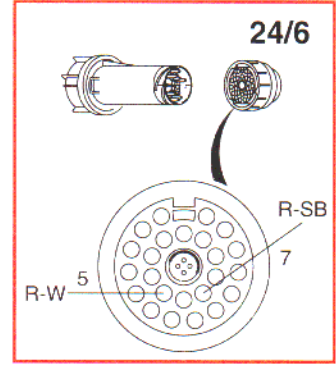
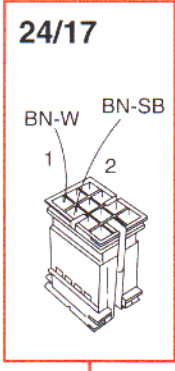
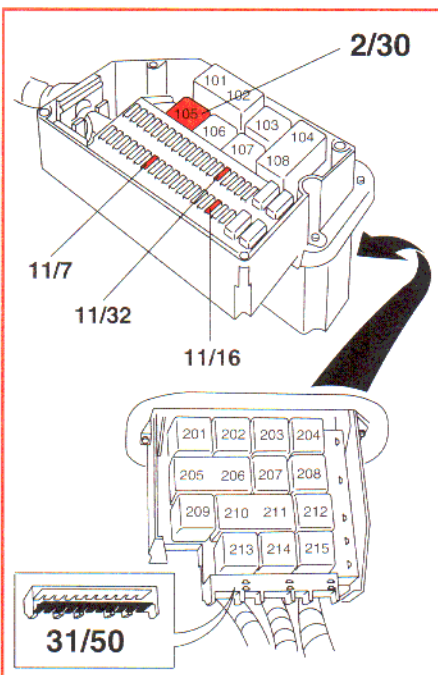
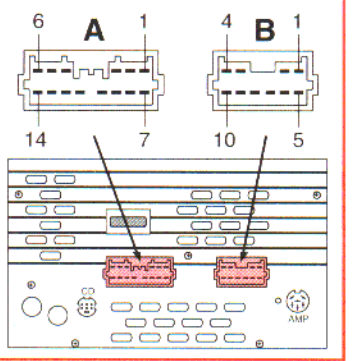




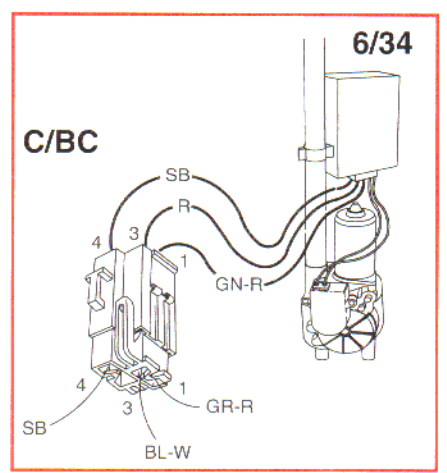
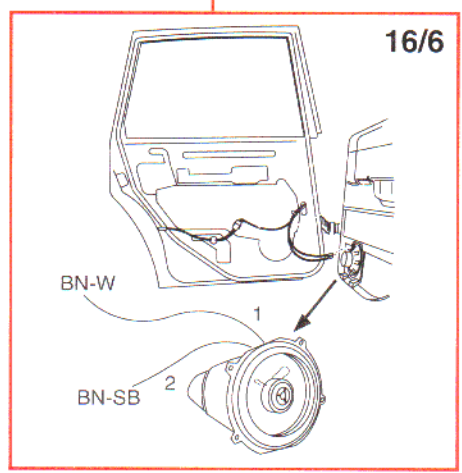
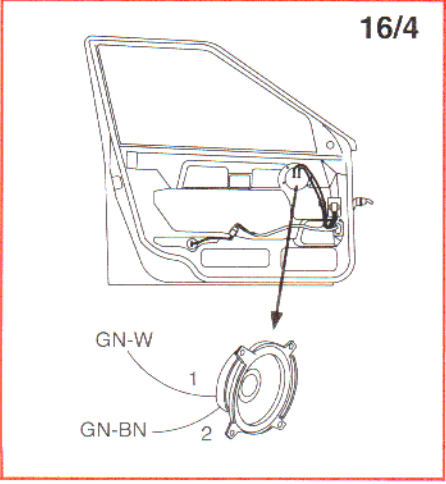
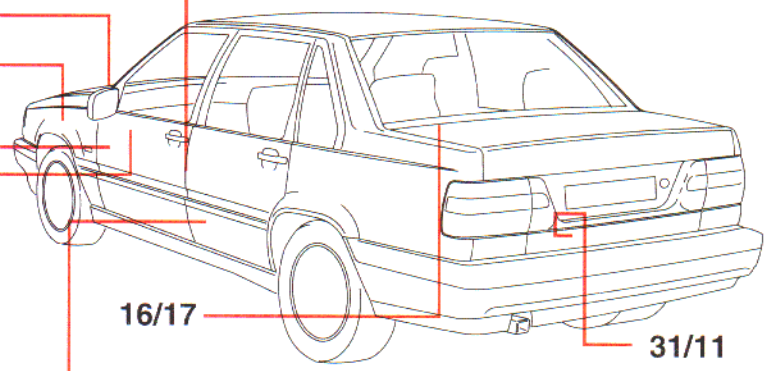
31/7

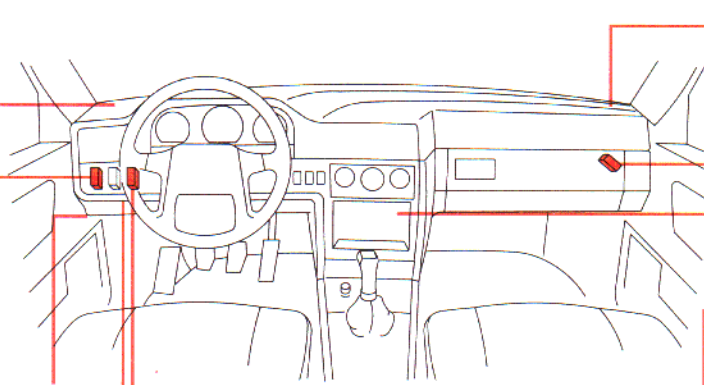
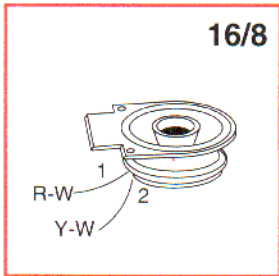


- 16/1**
- | | | |
|--------|---------|---------|
| 1 R-W | 8 GR | 1 BN-SB |
| 2 Y-W | 9 - | 2 BN-W |
| 3 BL-W | 10 P | 3 GN-BN |
| 4 R-SB | 11 SB | 4 GN-W |
| 5 - | 12 R-SB | 5 P-SB |
| 6 SB | 13 Y-VO | 6 P-W |
| 7 Y-GR | 14 SB | 7 - |
| | | 8 - |
| | | 9 R-SB |
| | | 10 R-W |

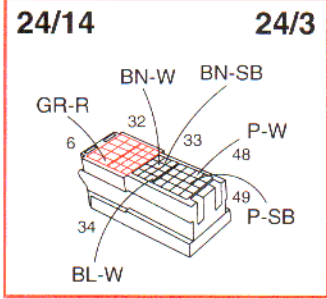
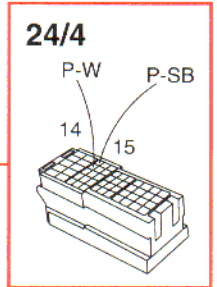


31/44



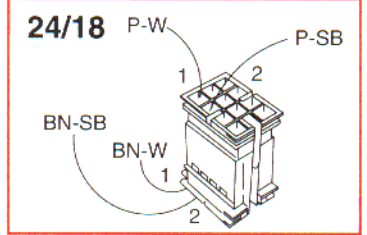
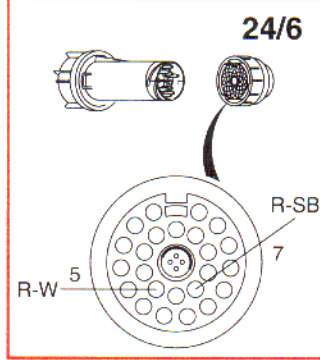
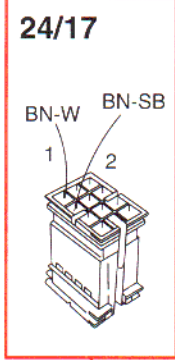
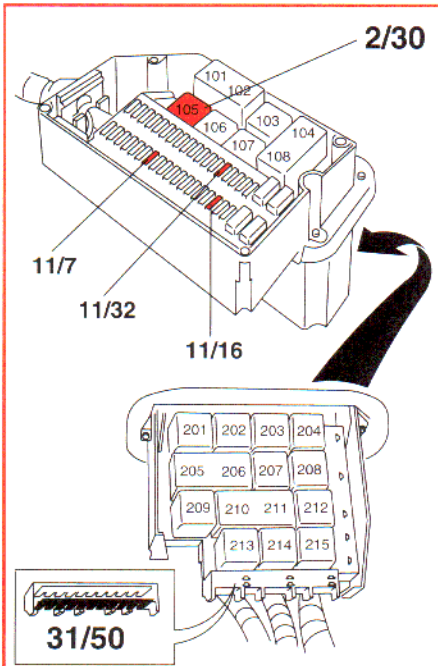
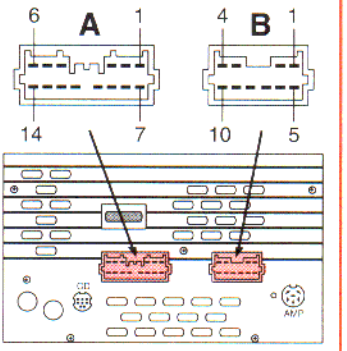
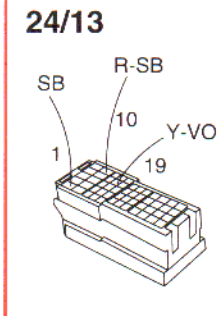
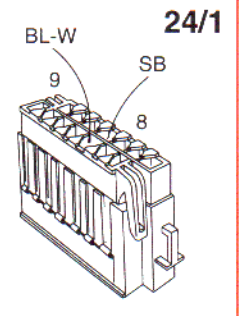


16/7



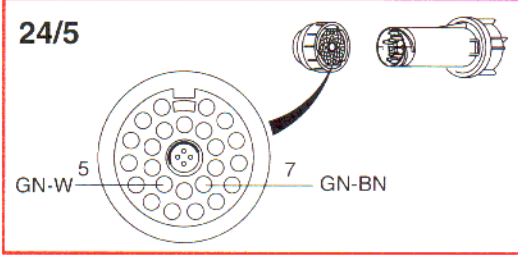
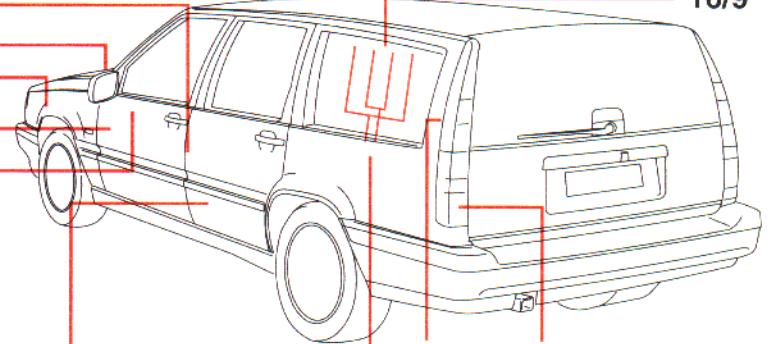
31/7

- 16/1**
- | | | |
|--------|---------|---------|
| 1 R-W | 8 GR | 1 BN-SB |
| 2 Y-W | 9 - | 2 BN-W |
| 3 BL-W | 10 P | 3 GN-BN |
| 4 R-SB | 11 SB | 4 GN-W |
| 5 - | 12 R-SB | 5 P-SB |
| 6 SB | 13 Y-VO | 6 P-W |
| 7 Y-GR | 14 SB | 7 - |
| | | 8 - |
| | | 9 R-SB |
| | | 10 R-W |

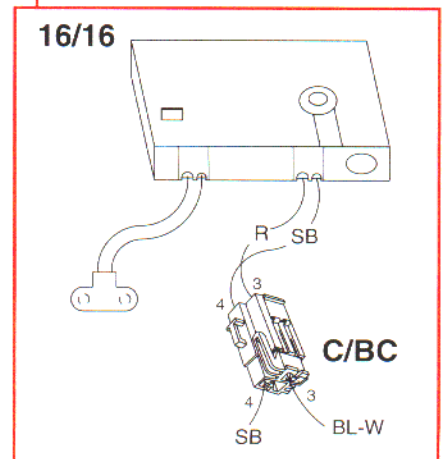
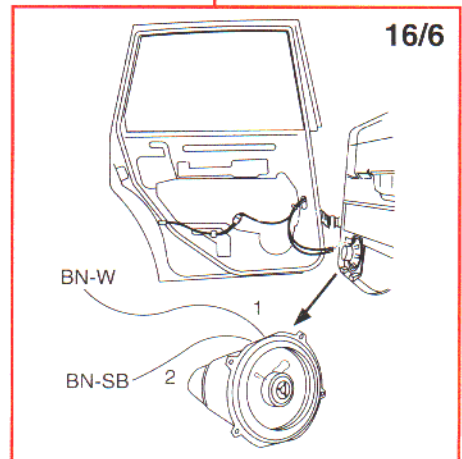
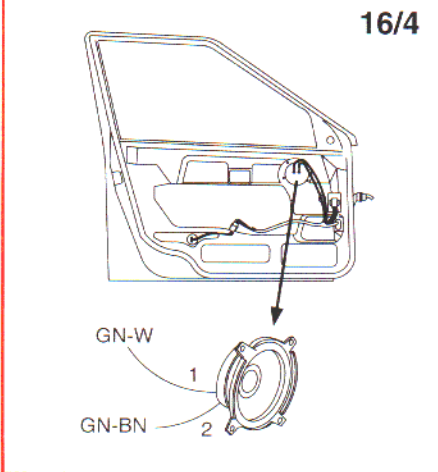


16/9

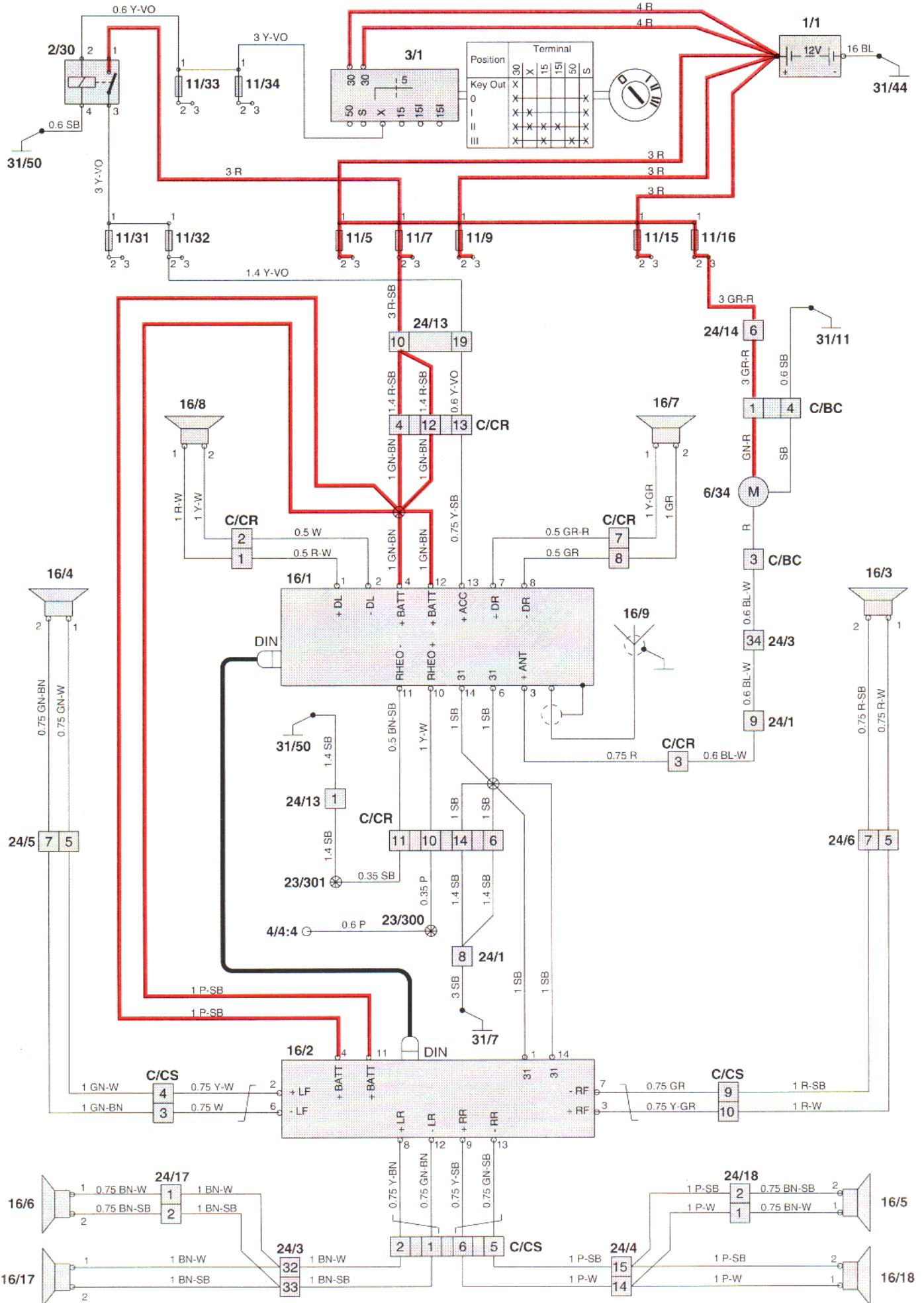
31/44

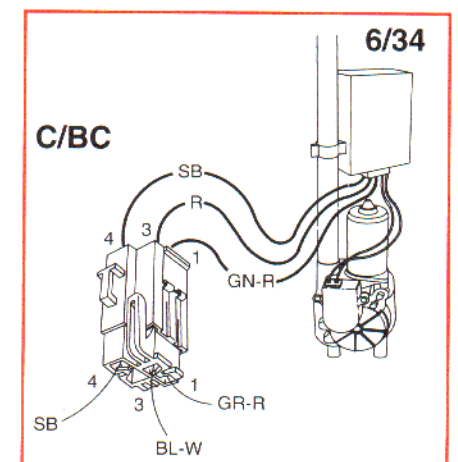
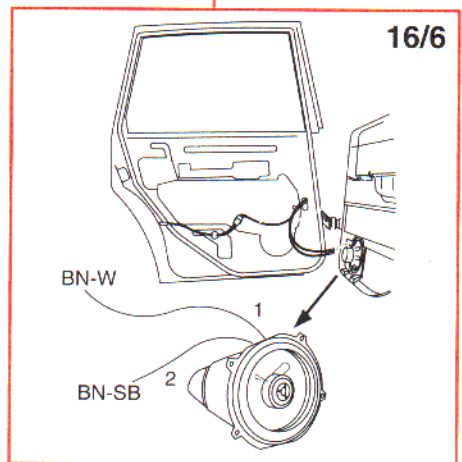
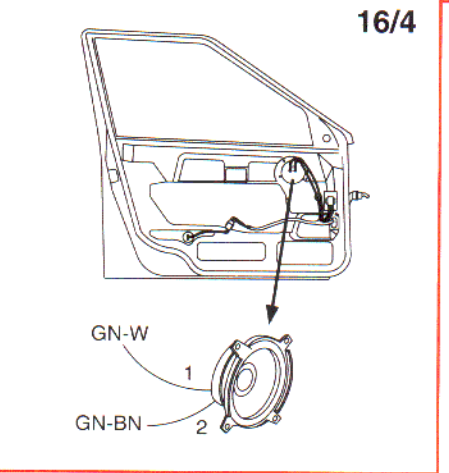
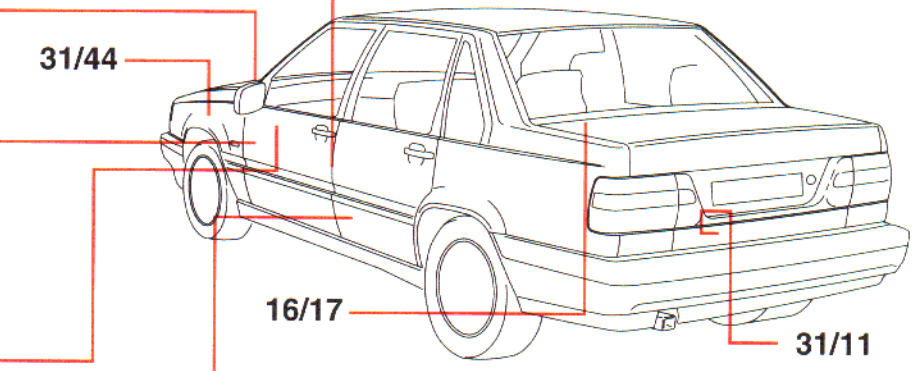
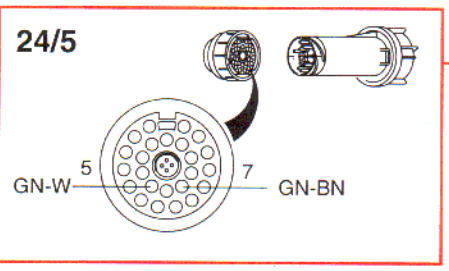
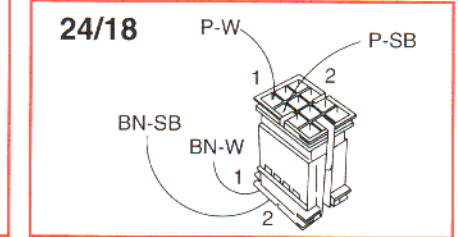
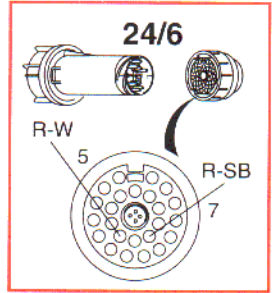
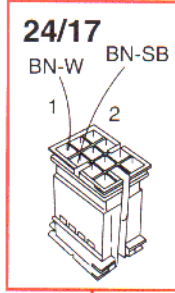
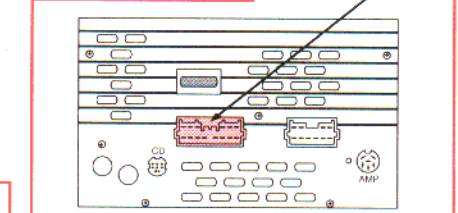
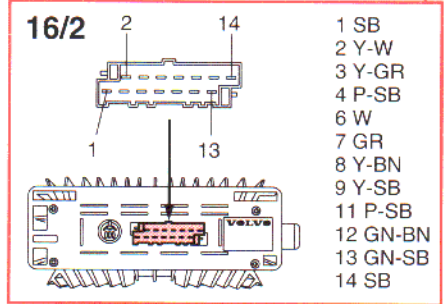
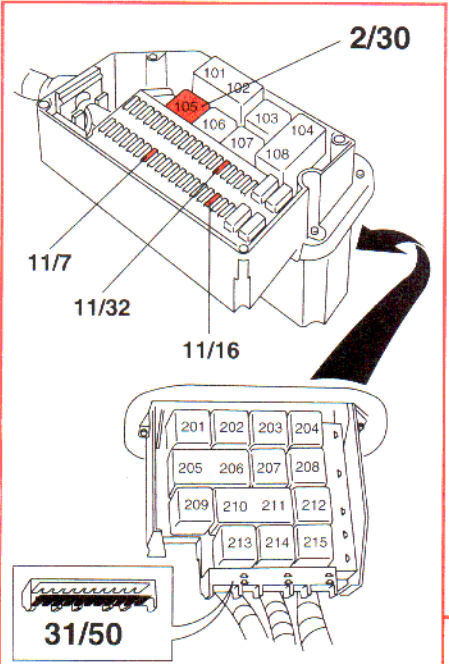
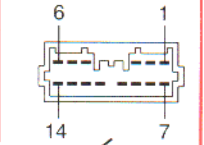
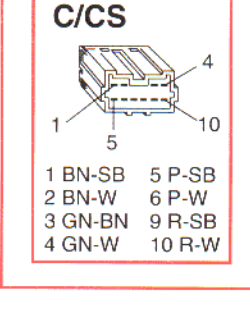
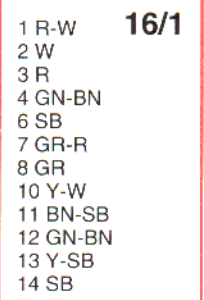
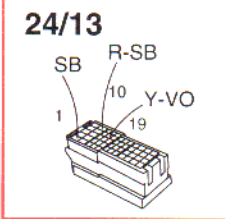
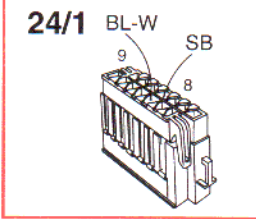
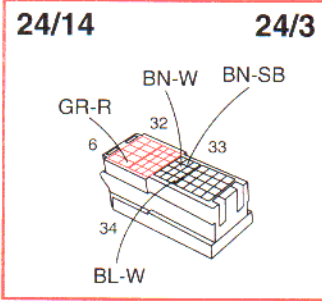
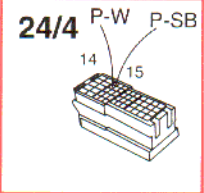
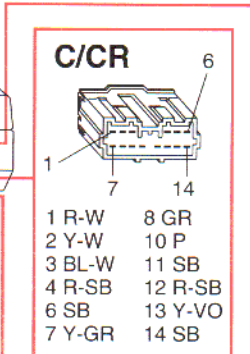
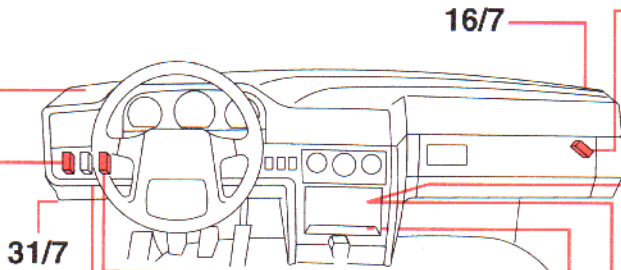
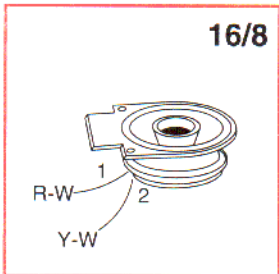


16/17 **31/11**

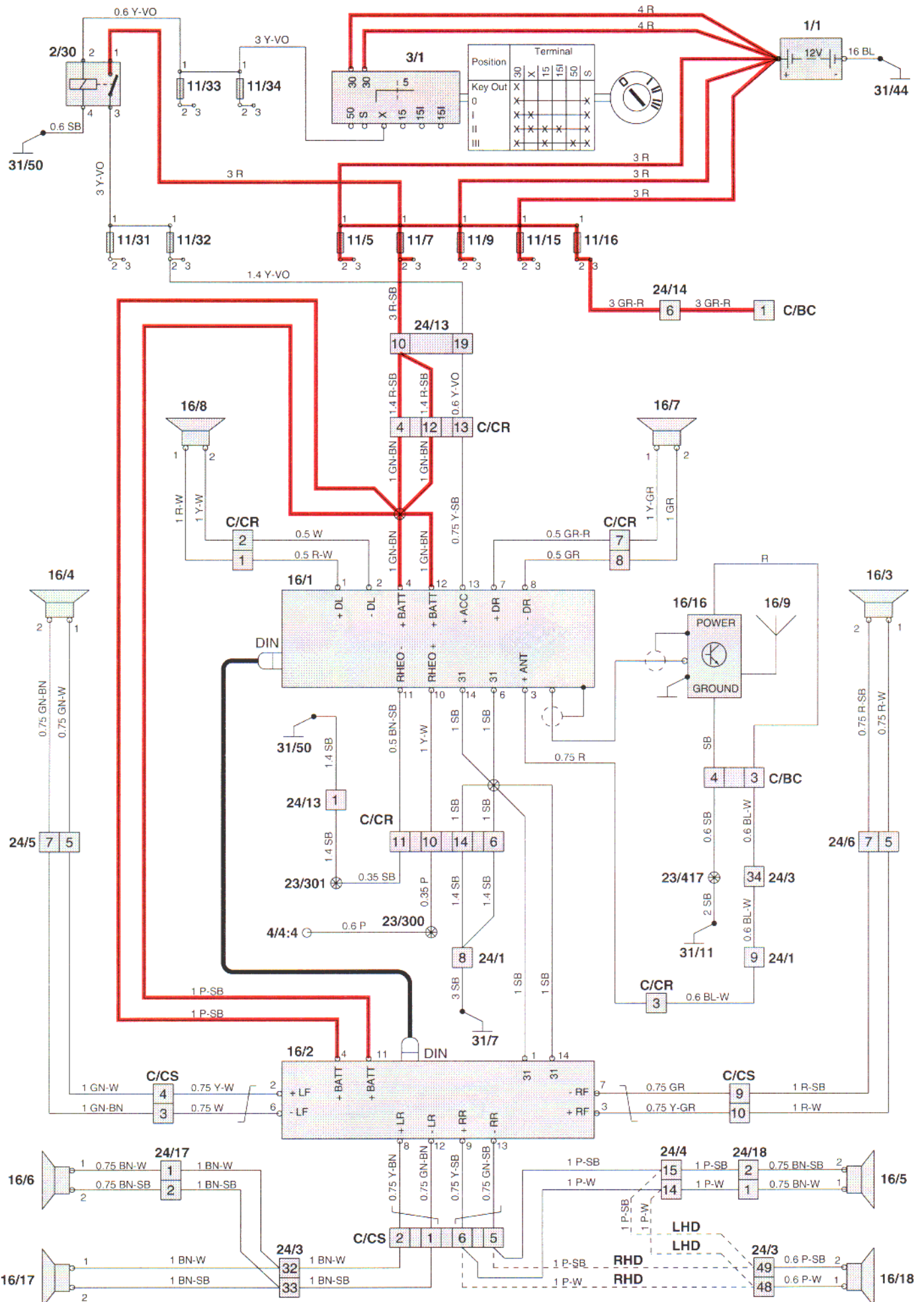


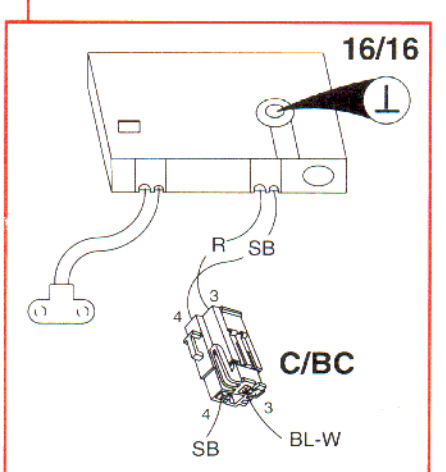
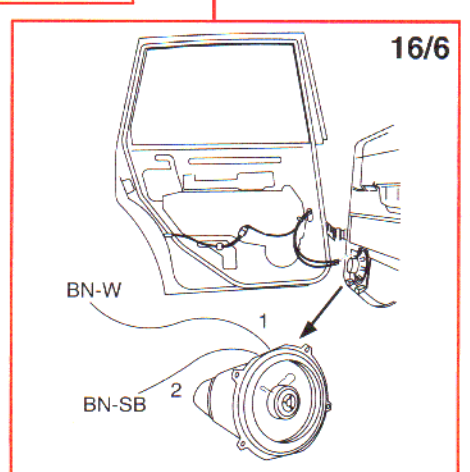
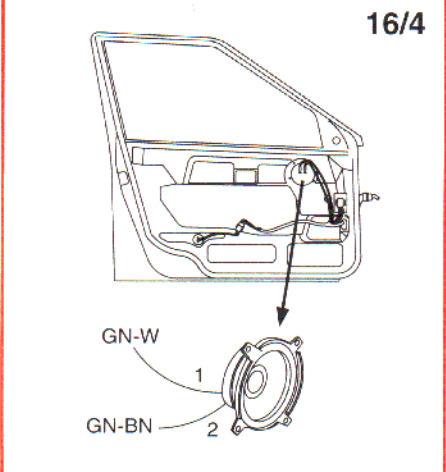
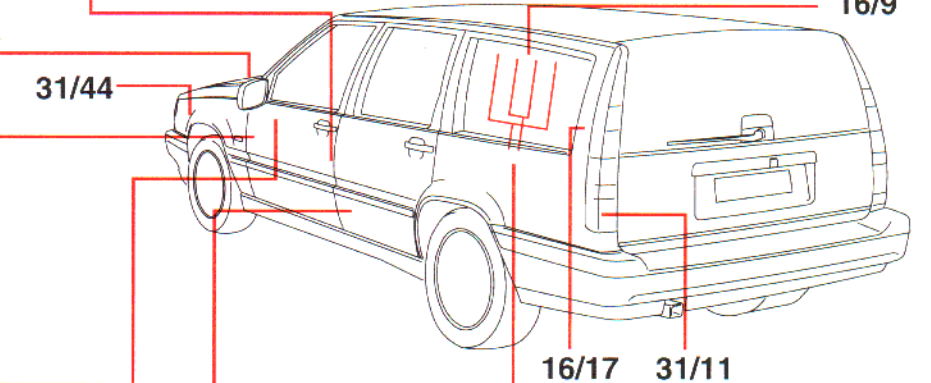
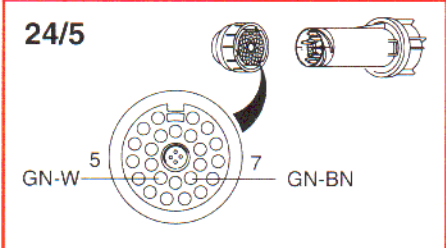
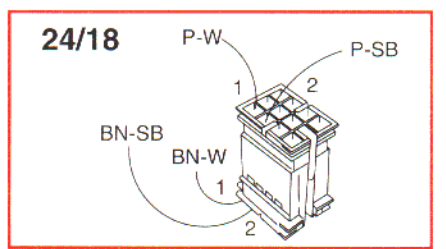
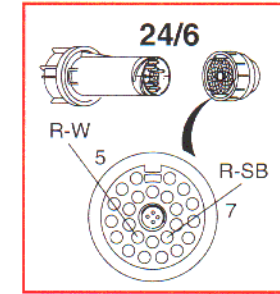
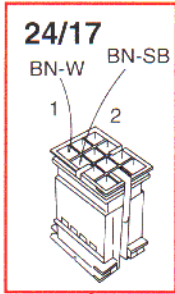
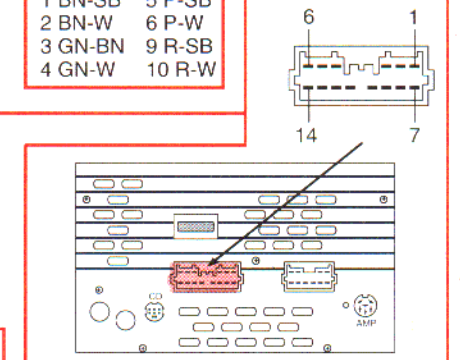
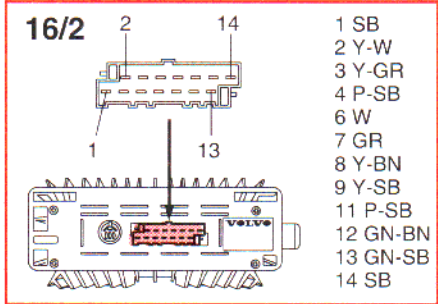
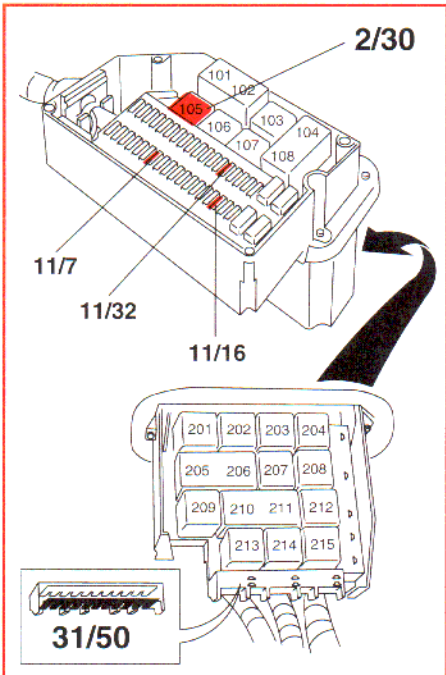
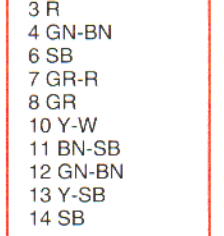
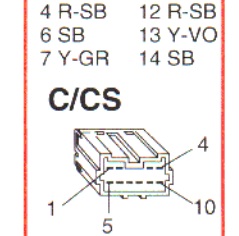
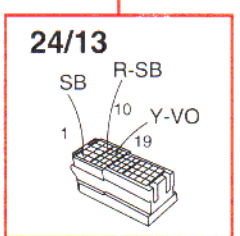
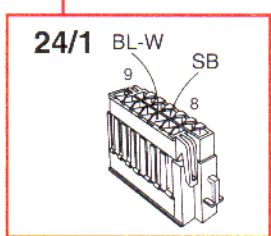
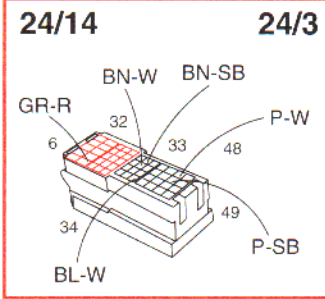
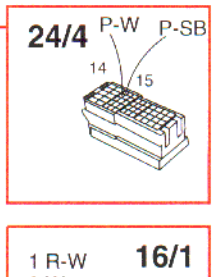
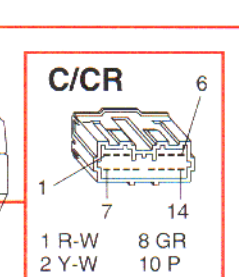
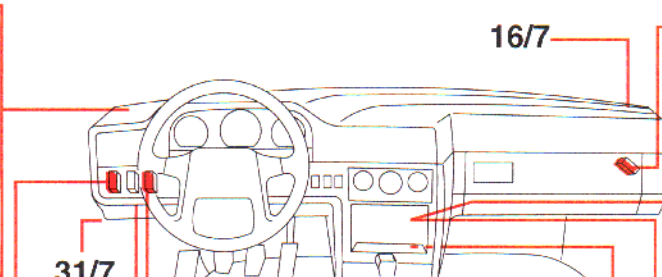
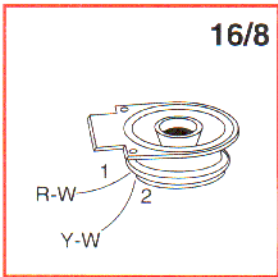
Radio with extra amplifier, 4-door

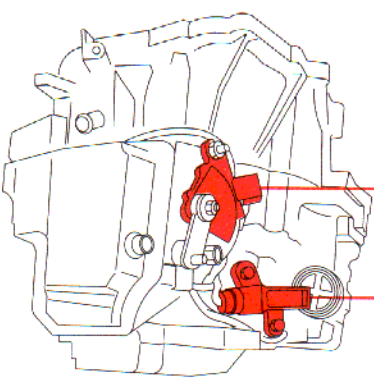
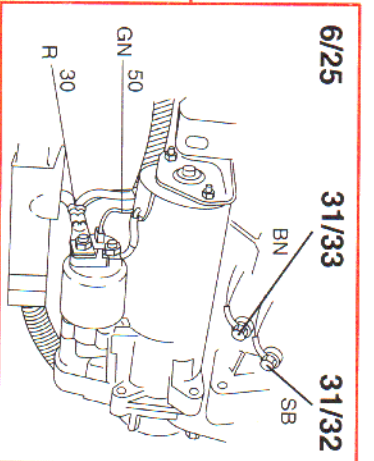
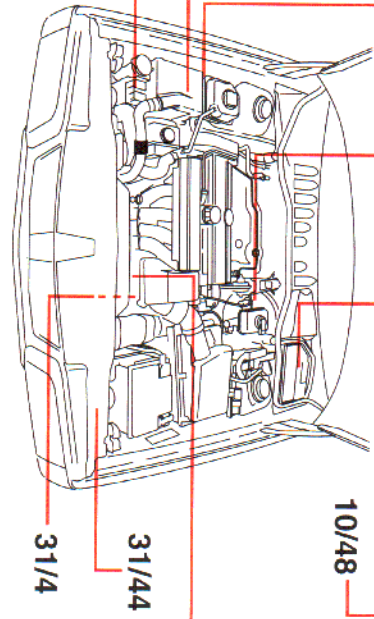
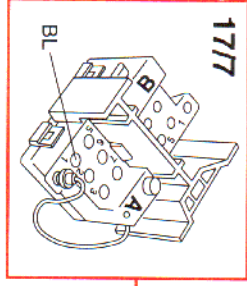
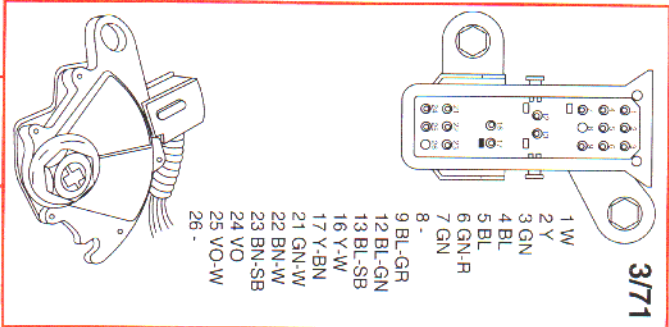
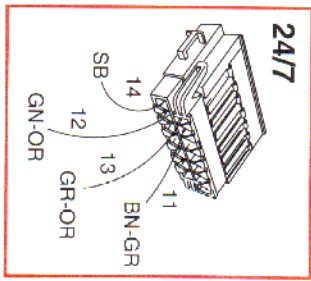
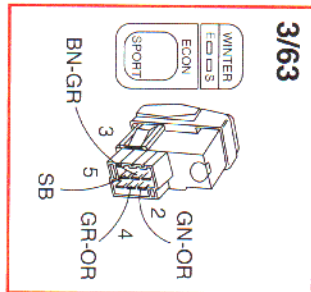
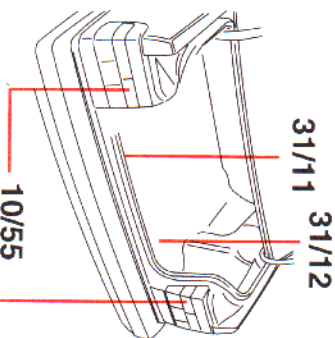
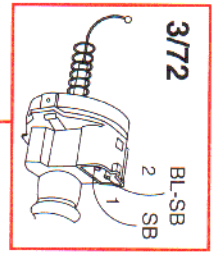
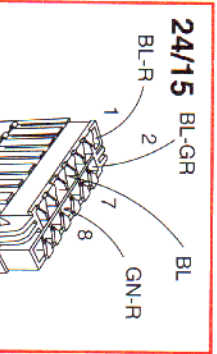
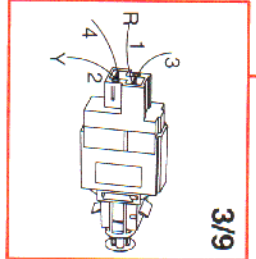
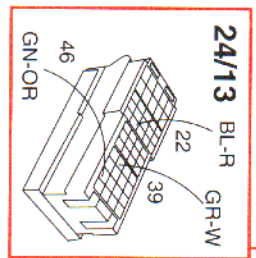
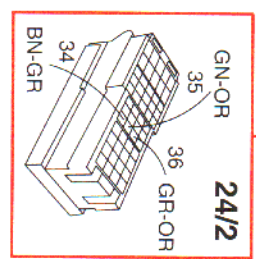
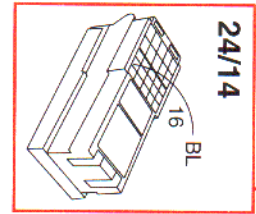
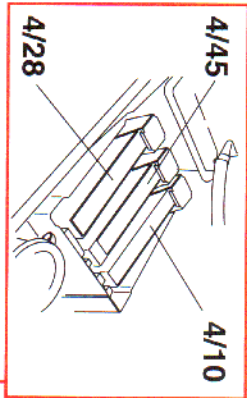
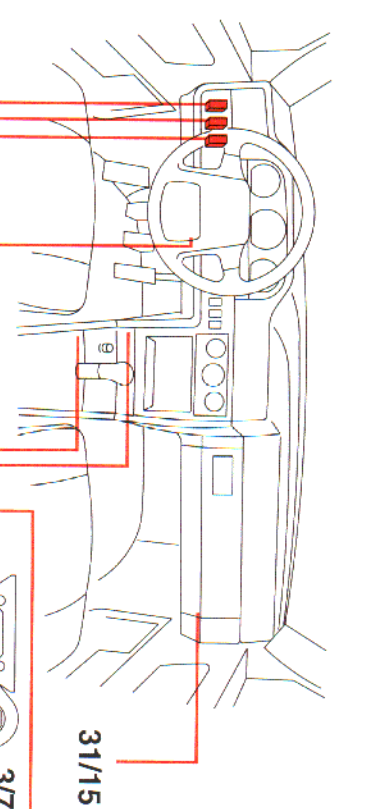
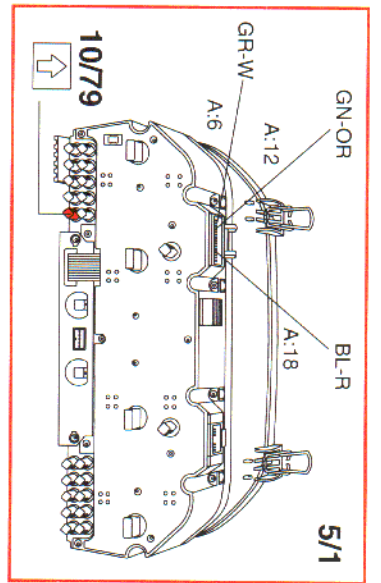
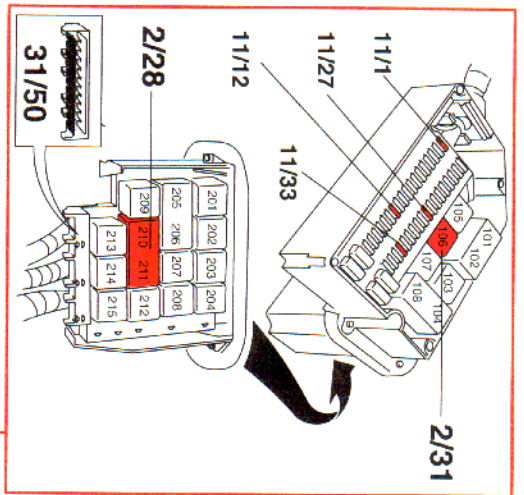


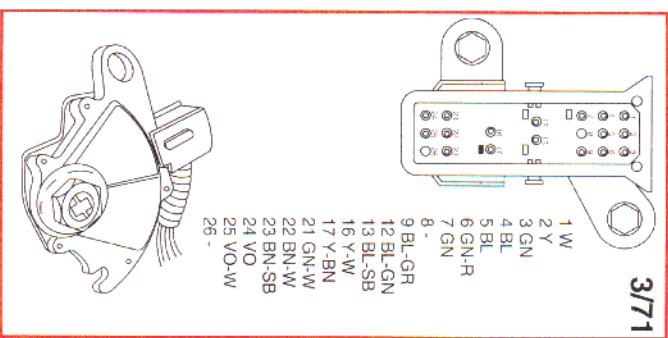
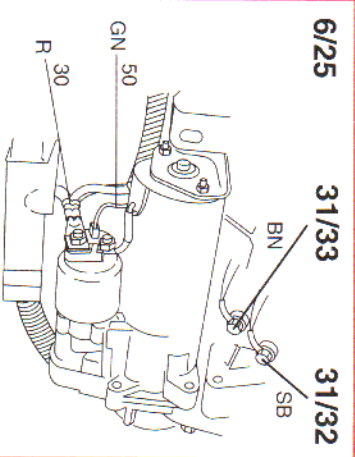
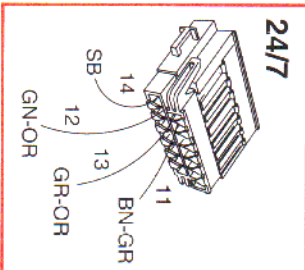
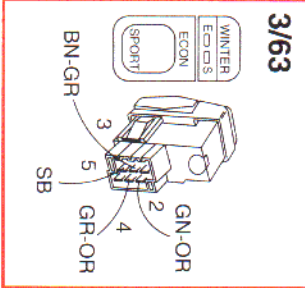
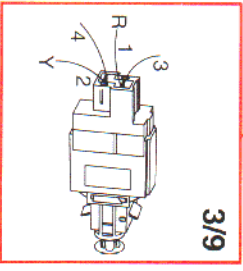
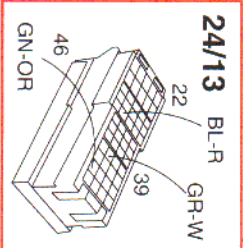
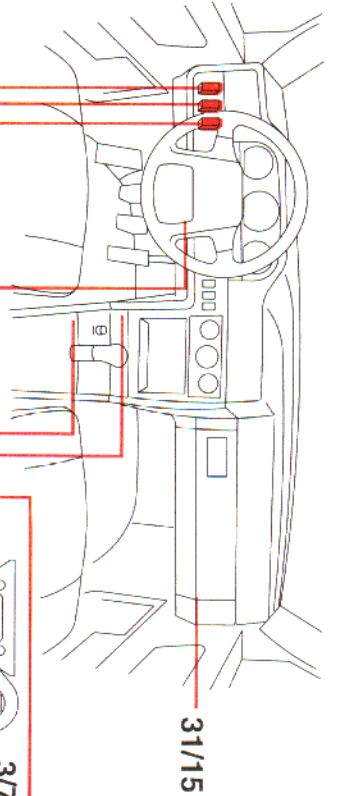
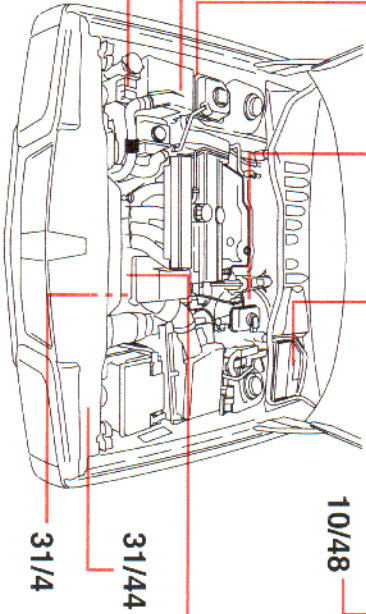
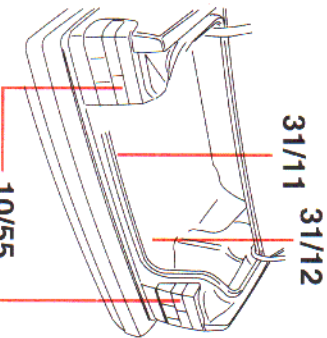
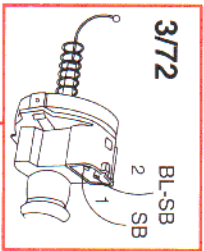
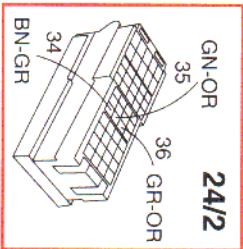
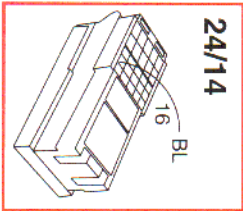
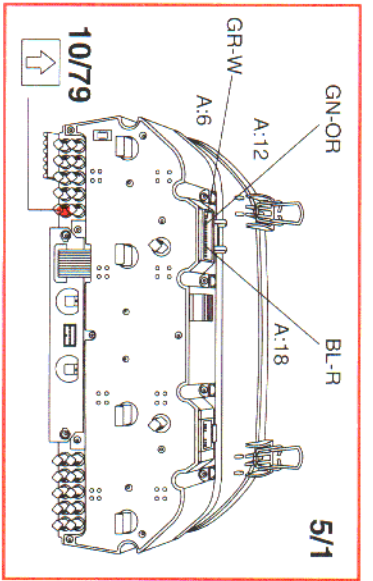
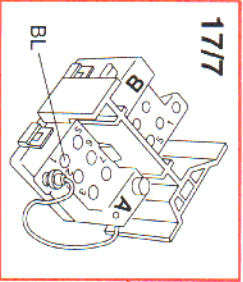
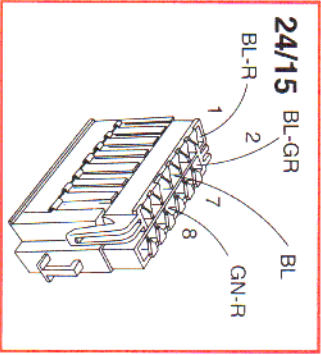
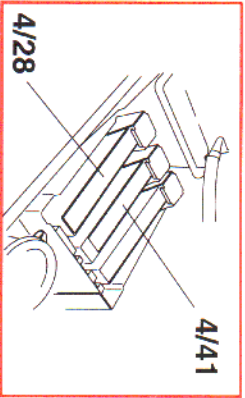
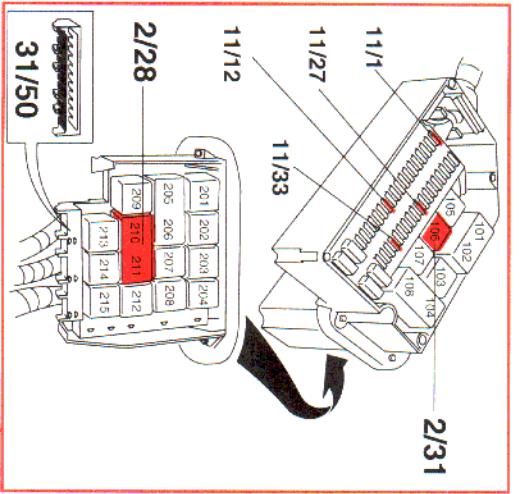


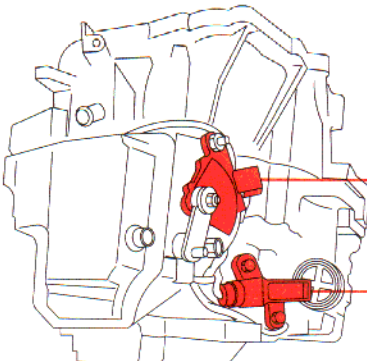
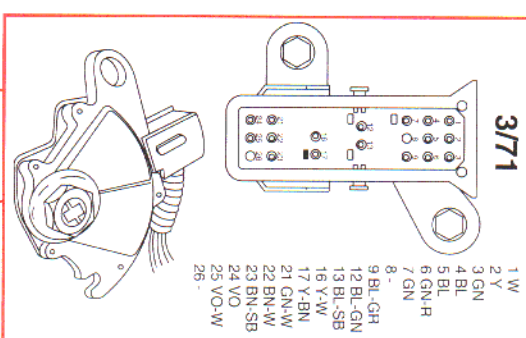
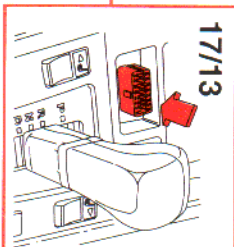
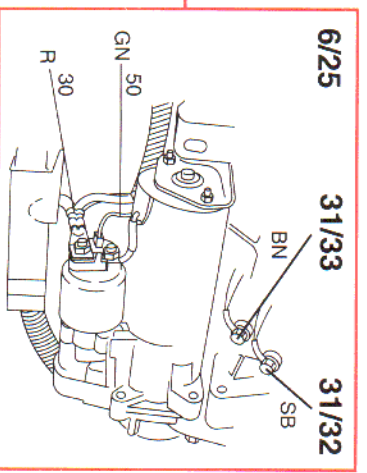
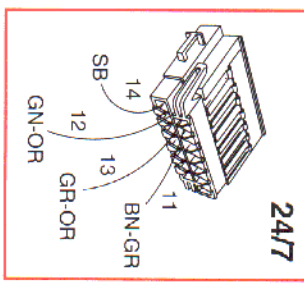
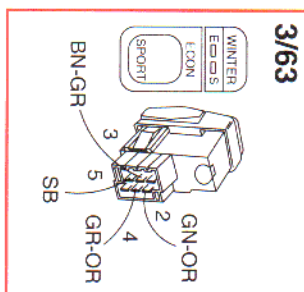
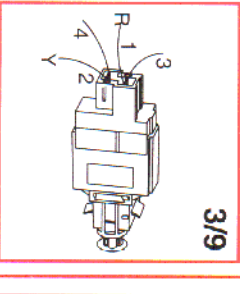
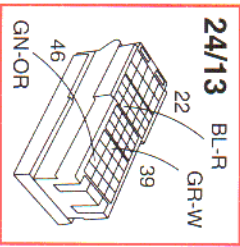
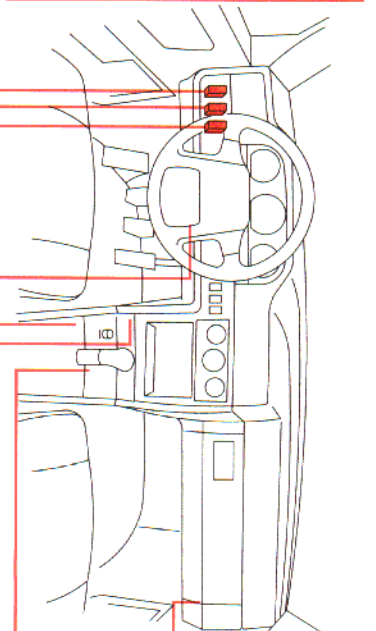
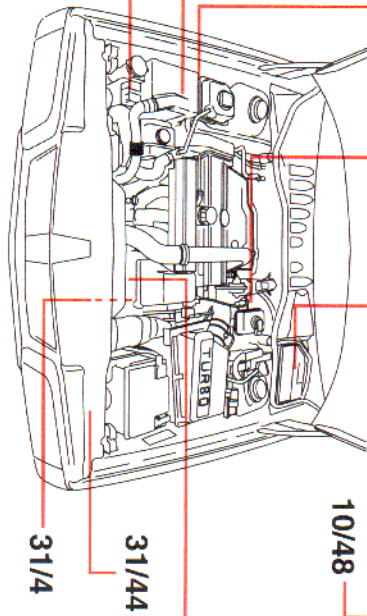
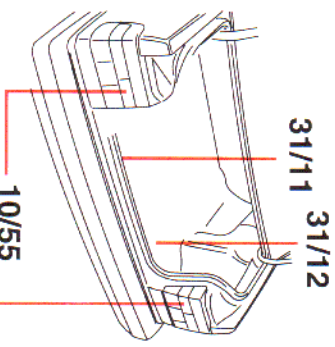
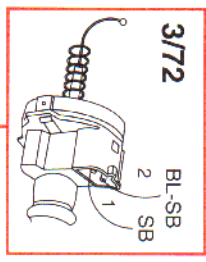
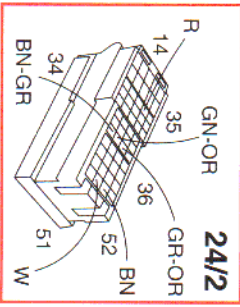
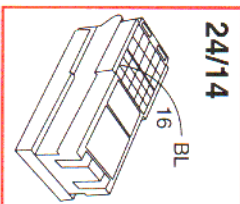
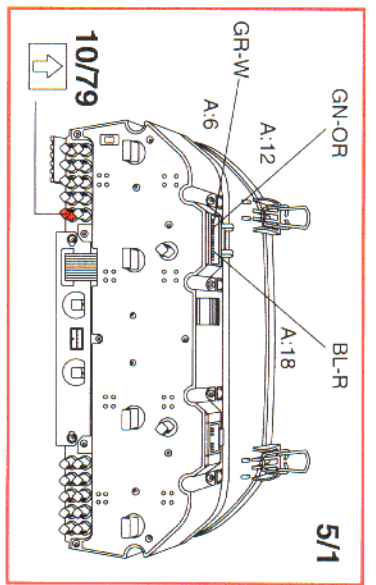
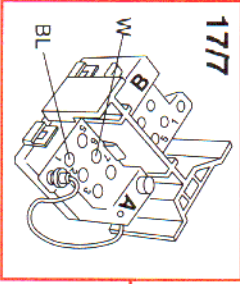
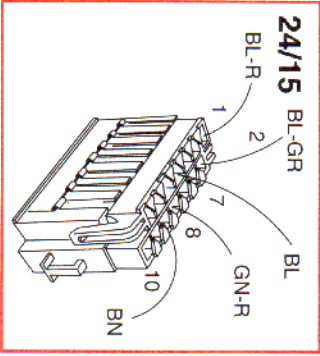
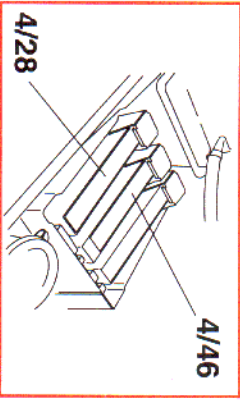
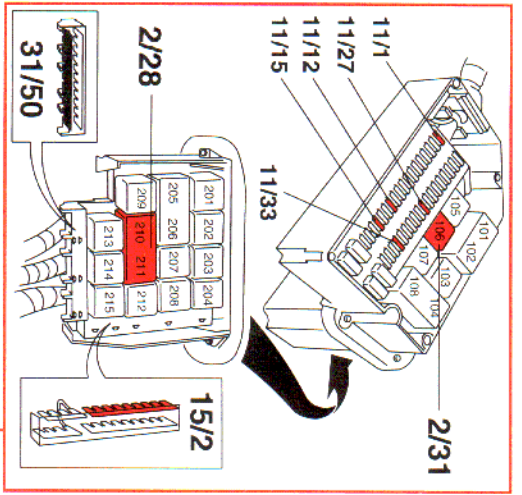
Radio with extra amplifier, 5-door



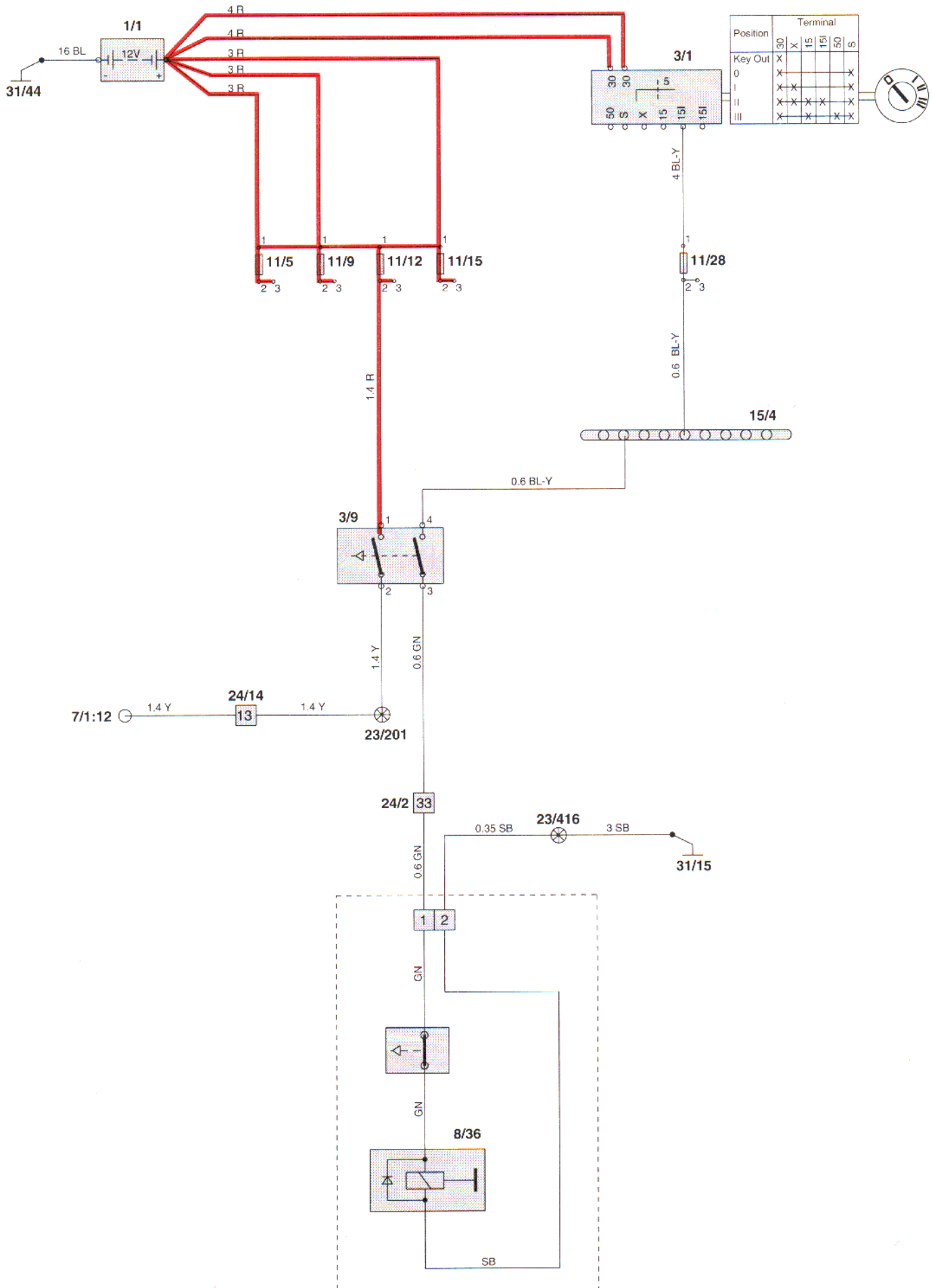


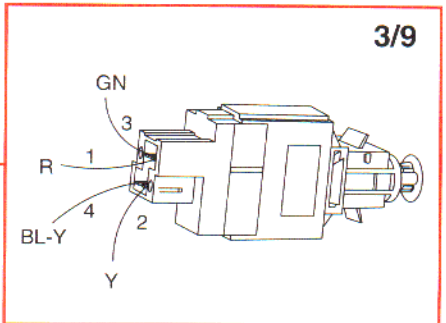
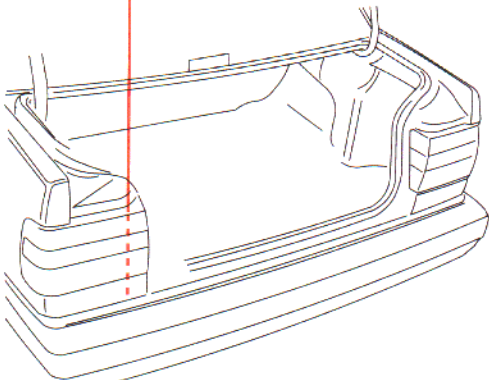
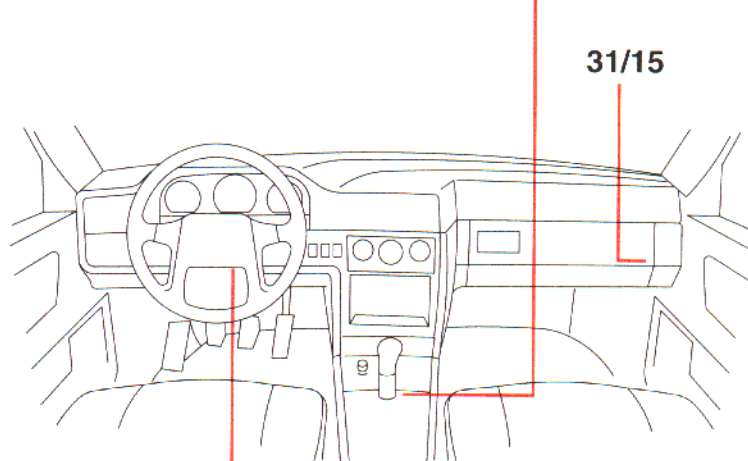
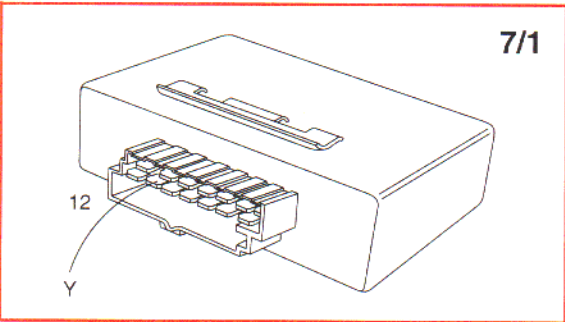
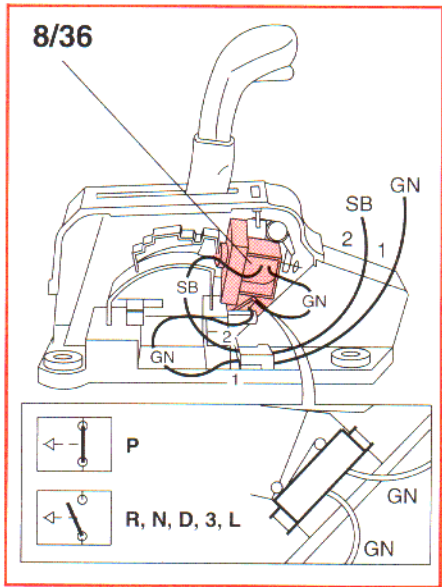
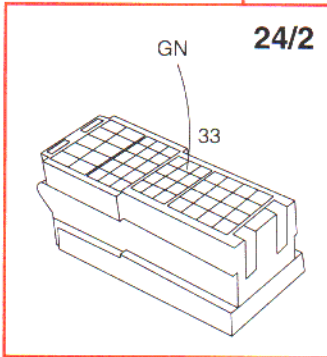
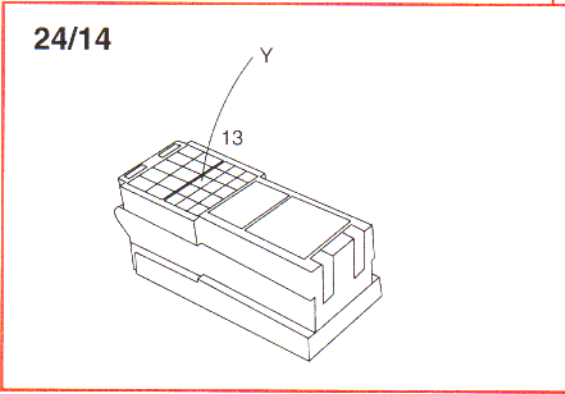
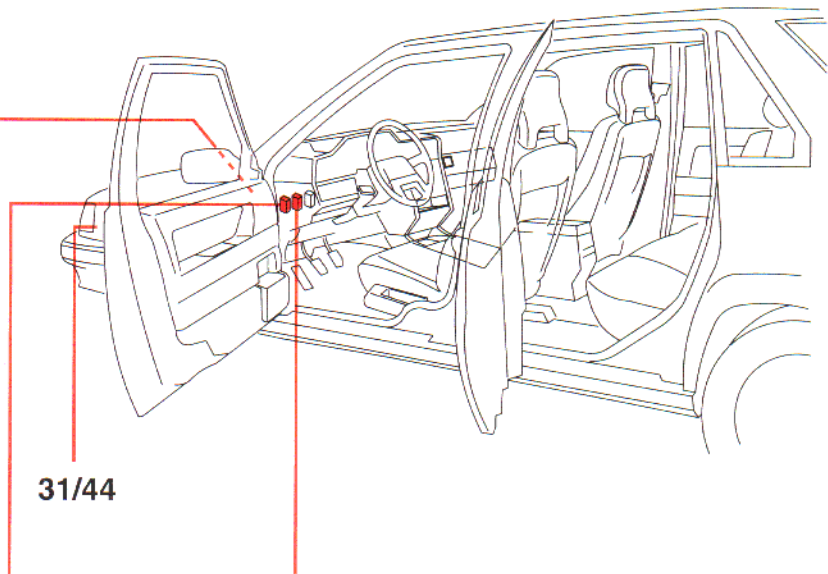
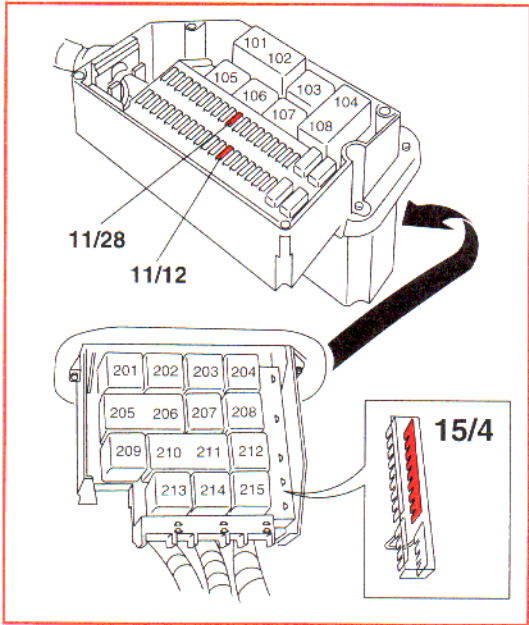




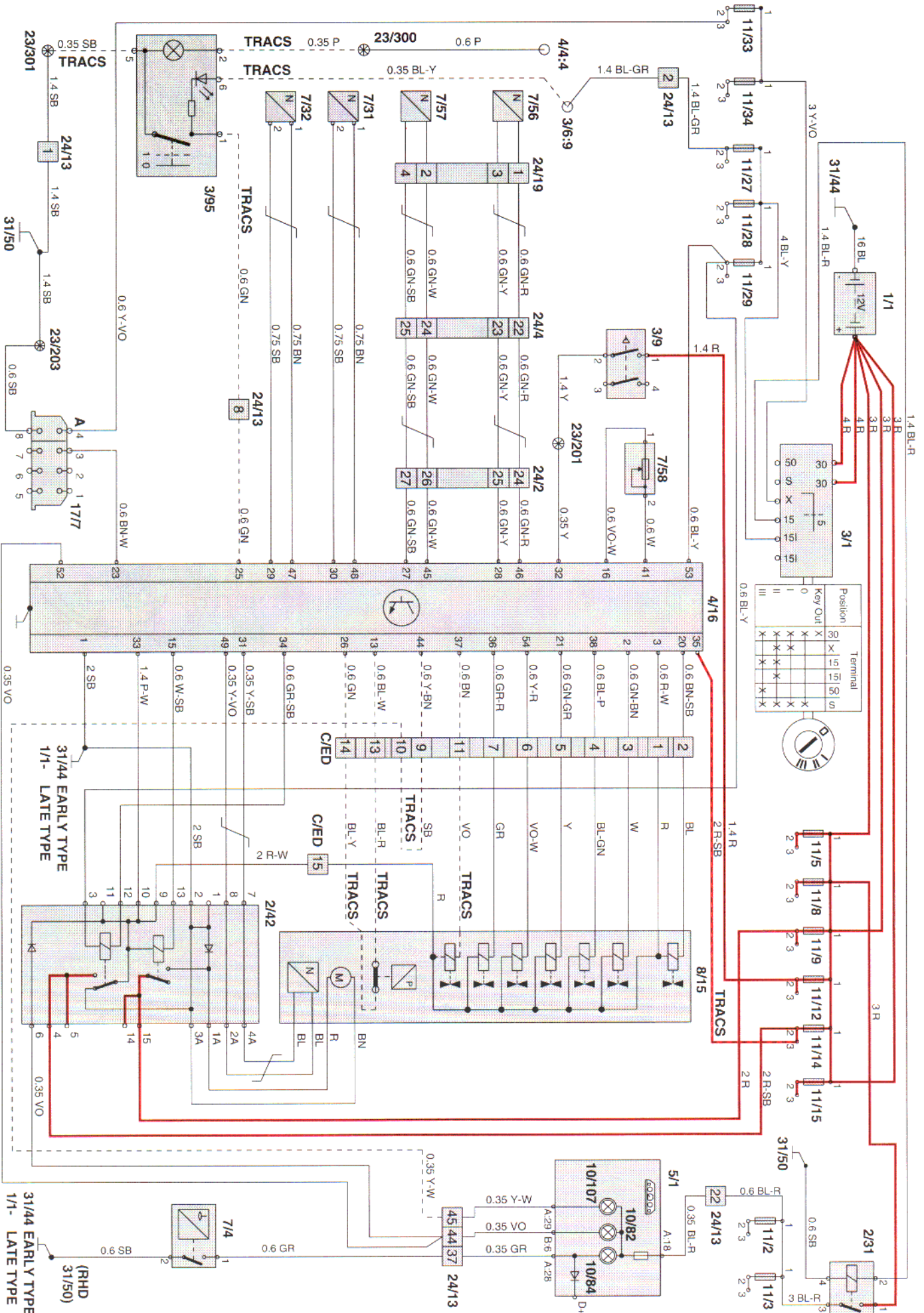


P-shift lock, automatic transmission

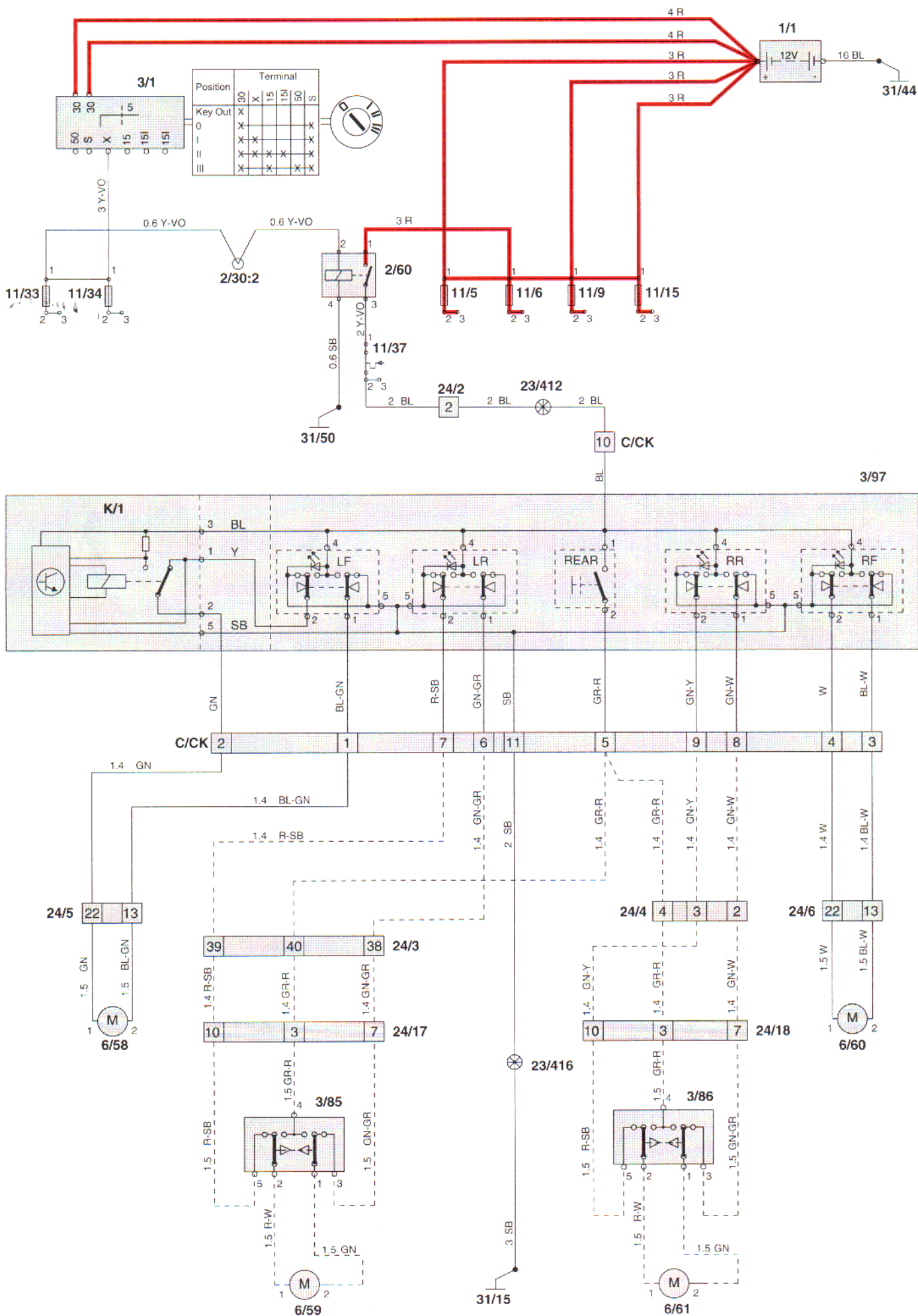


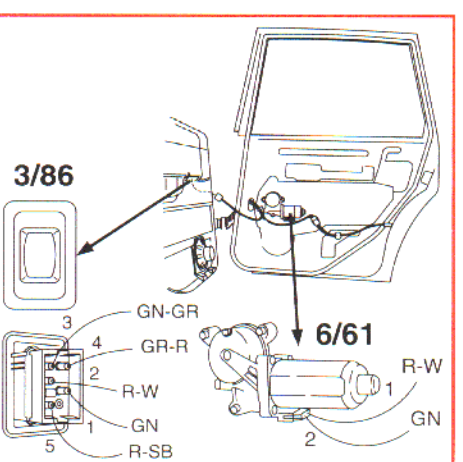
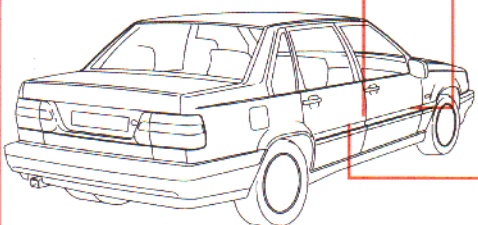
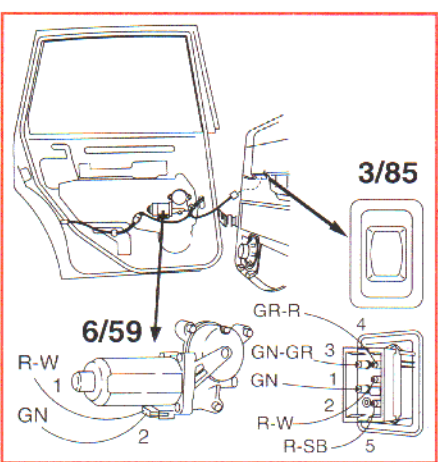
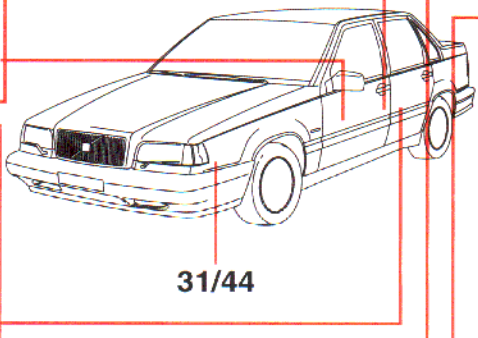
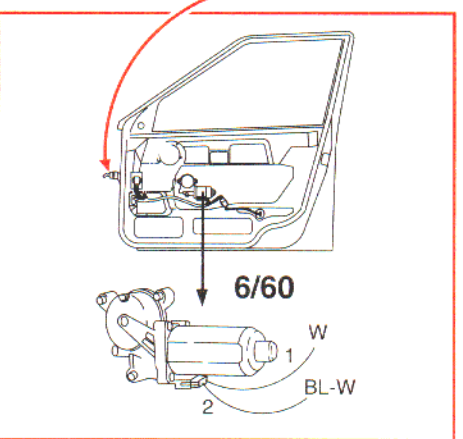
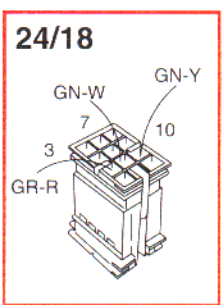
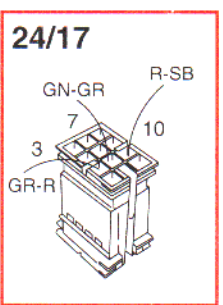
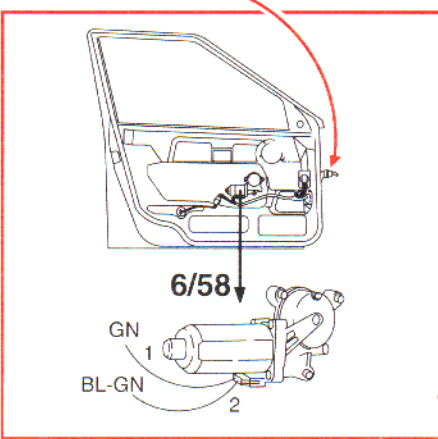
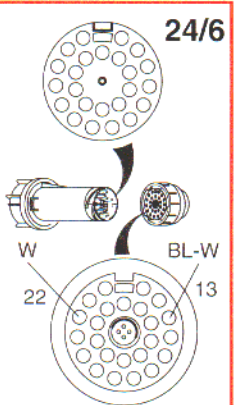
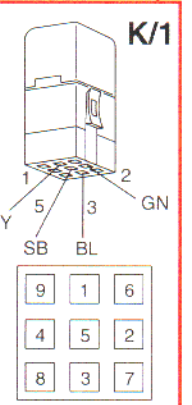
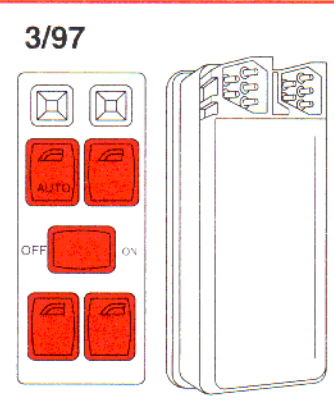
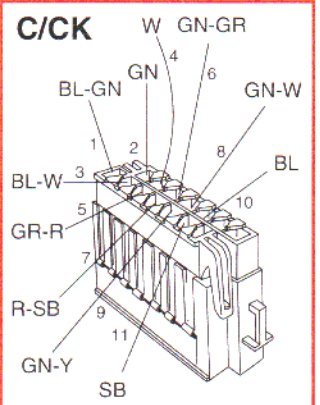
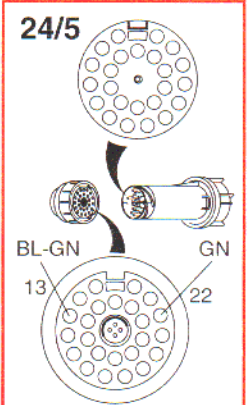
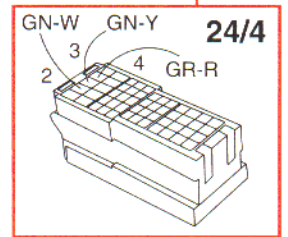
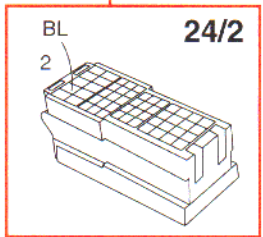
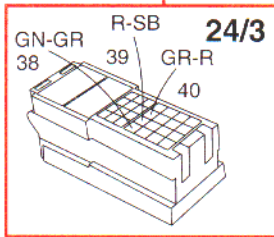
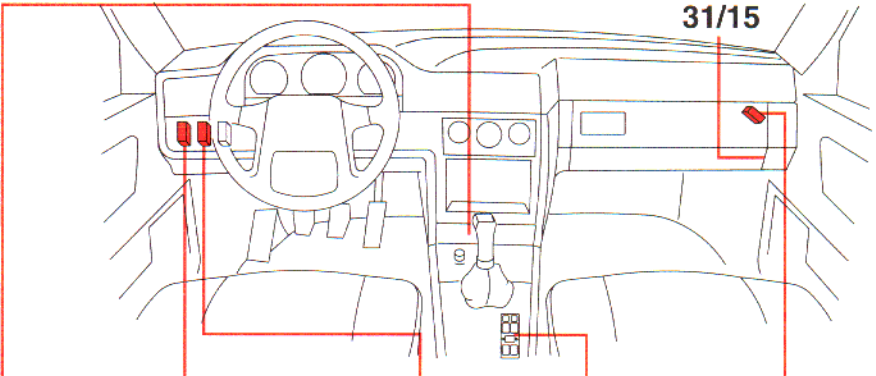
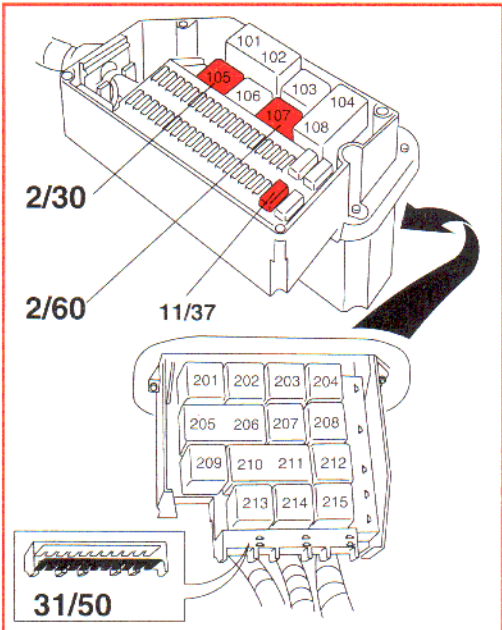


ABS brake system and TRACS

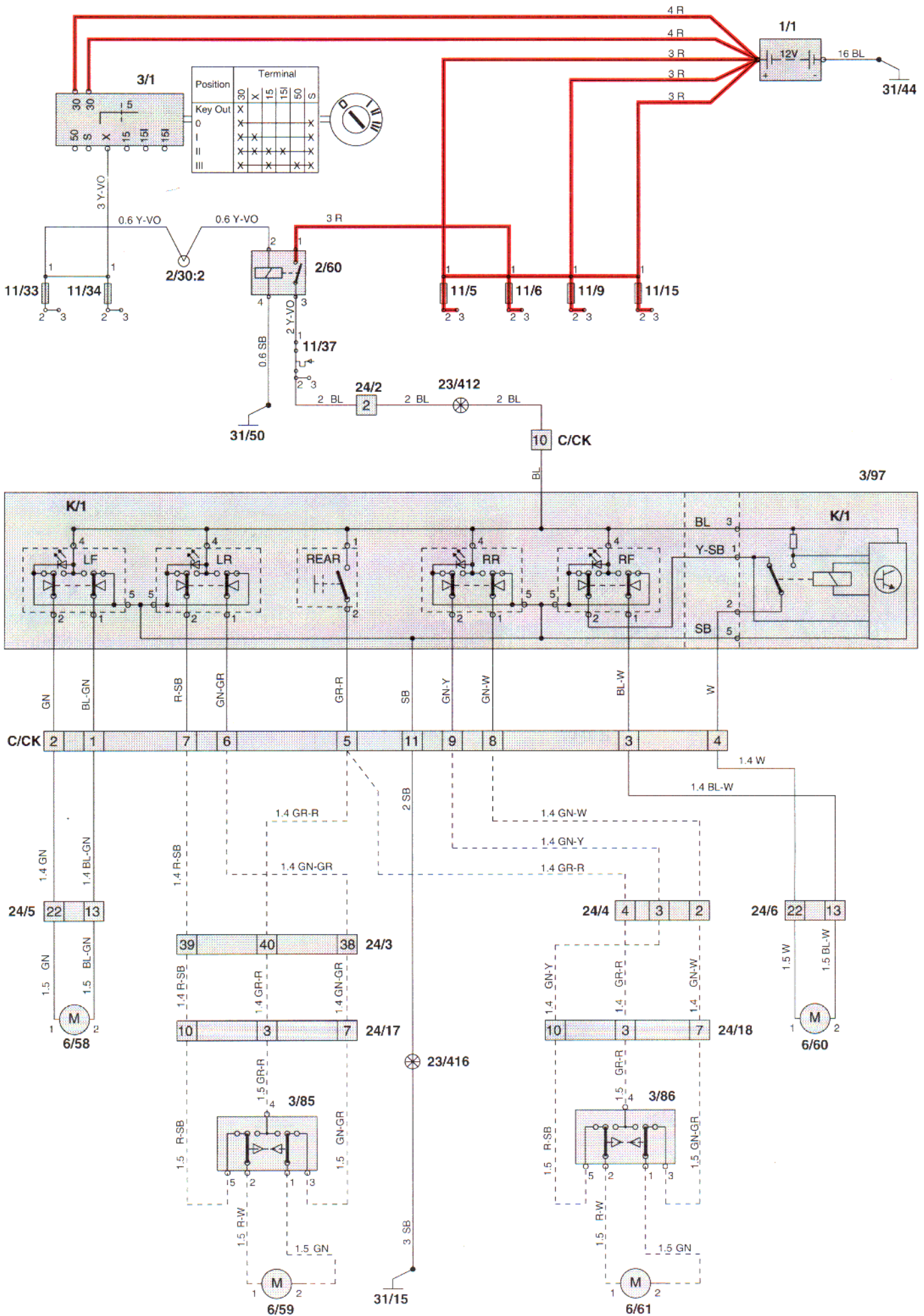


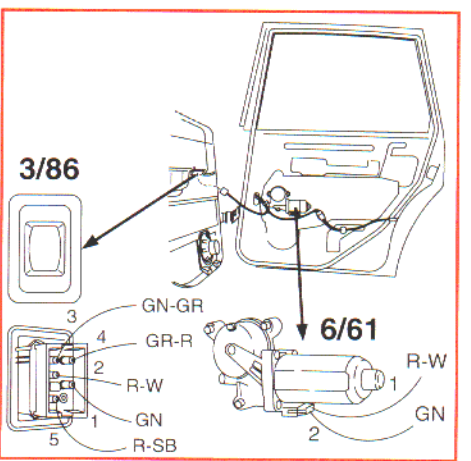
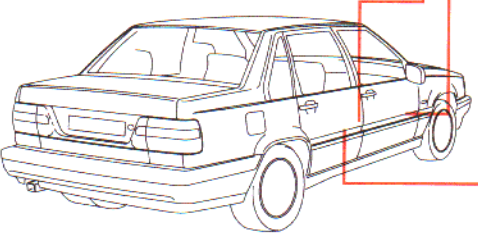
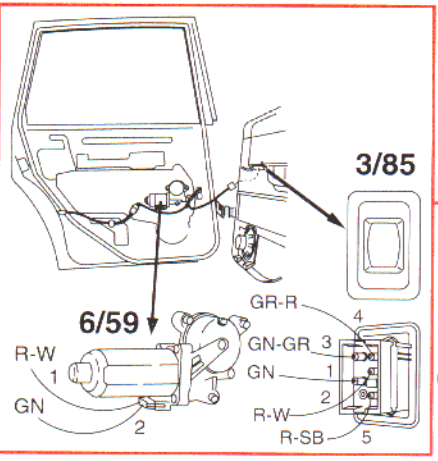
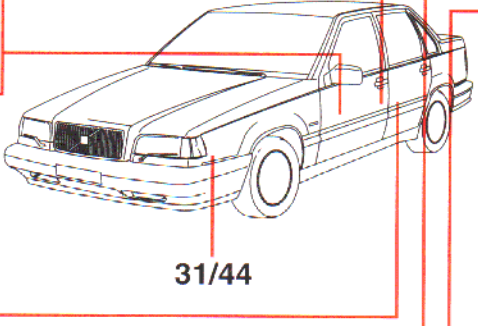
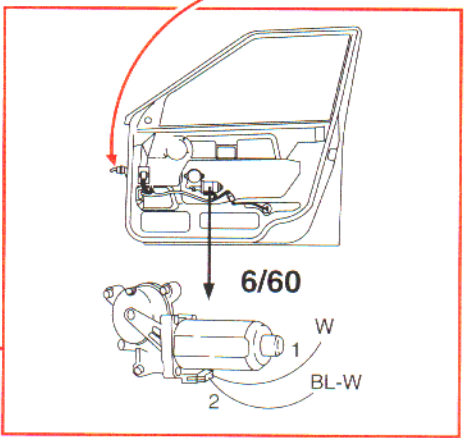
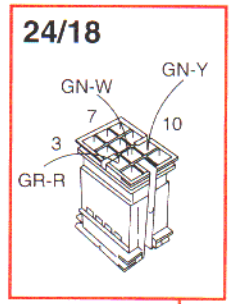
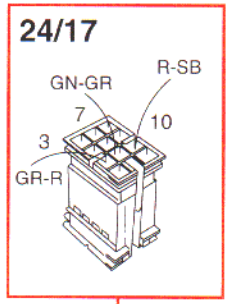
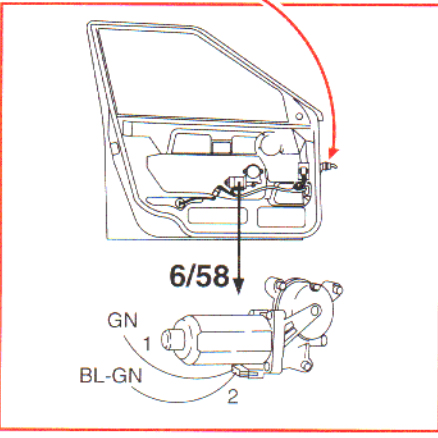
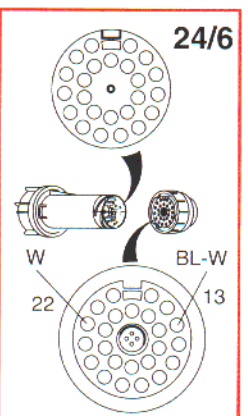
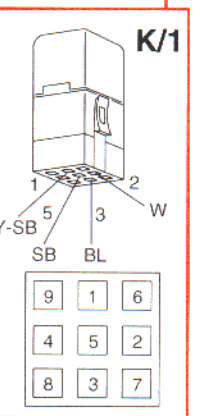
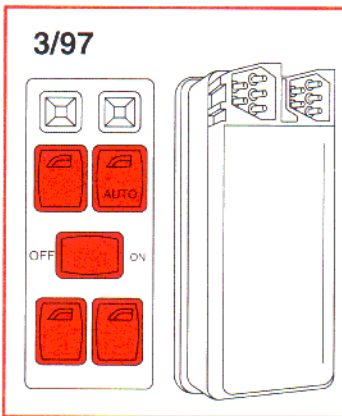
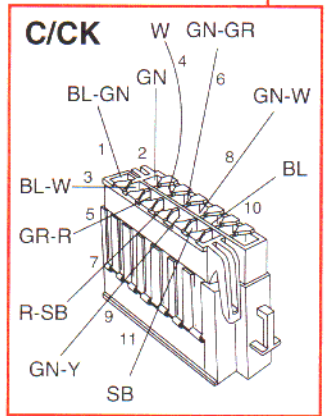
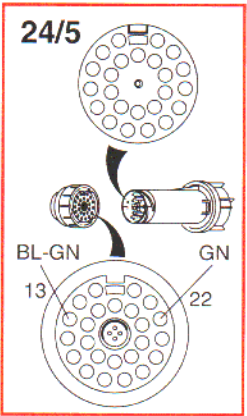
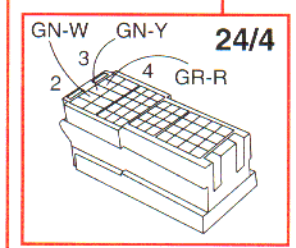
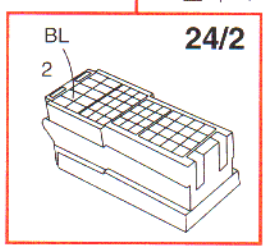
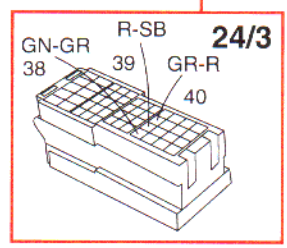
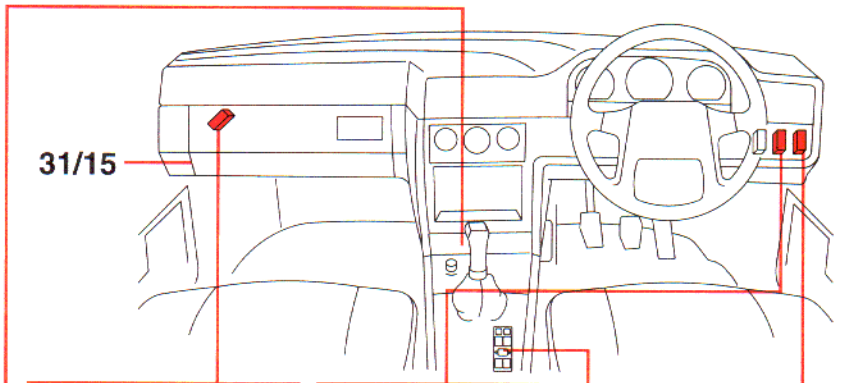
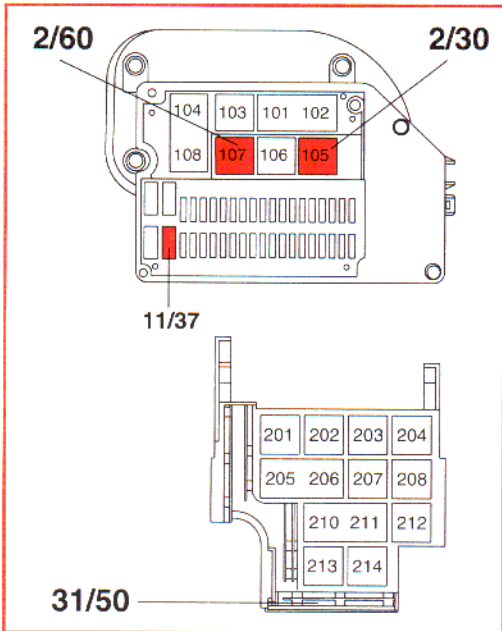
Power windows, Left-hand drive cars

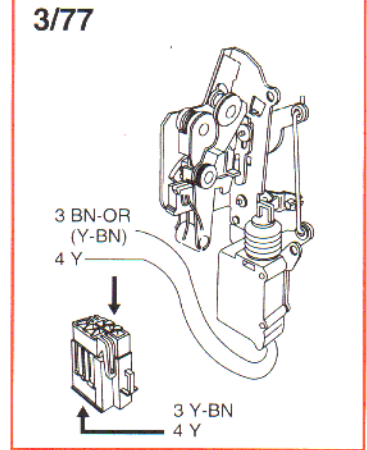
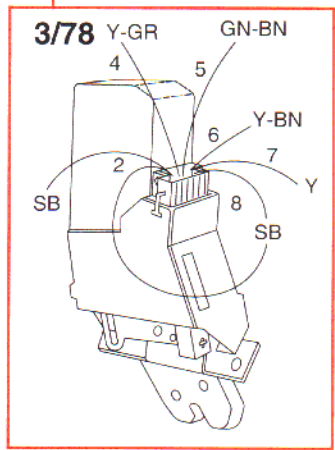
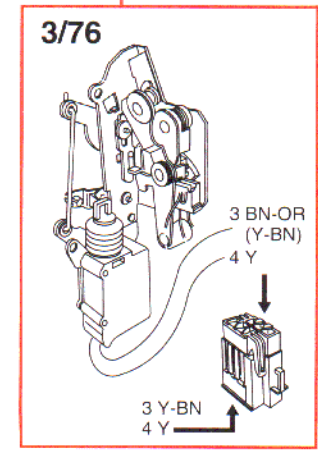
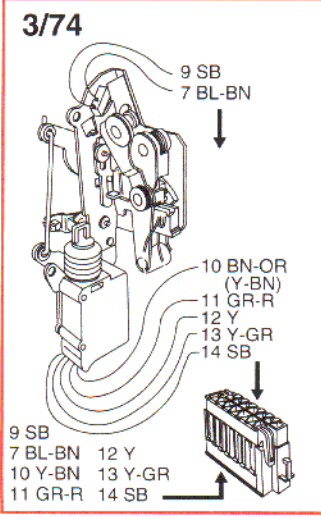
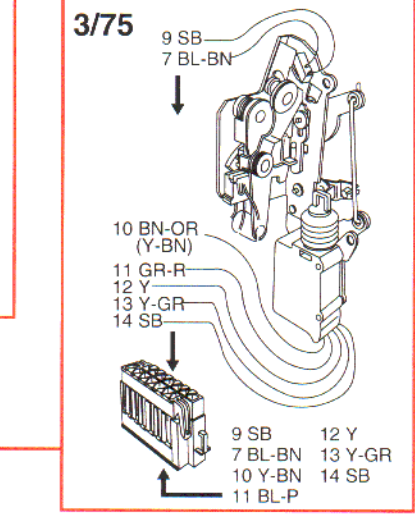
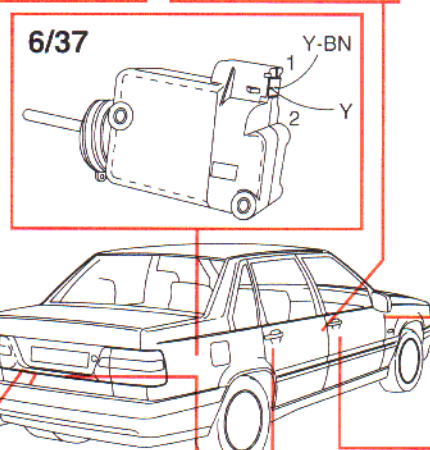
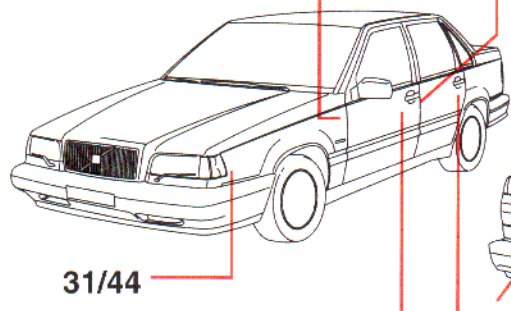
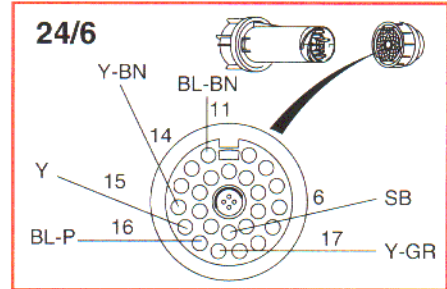
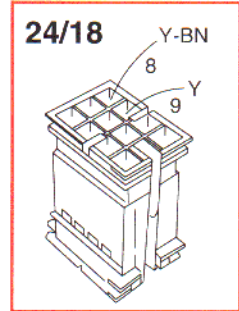
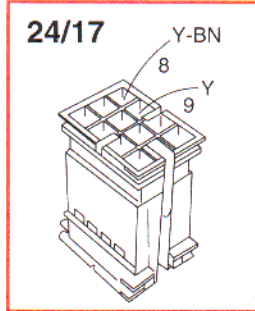
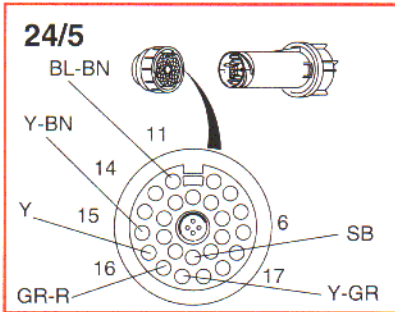
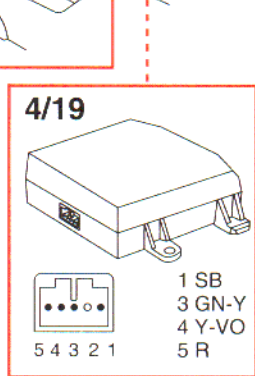
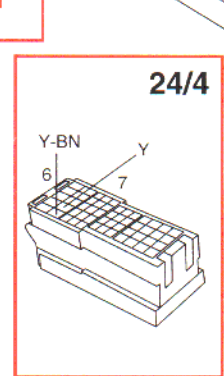
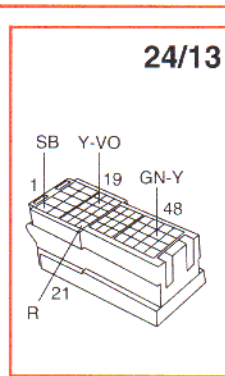
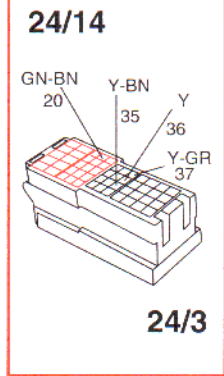
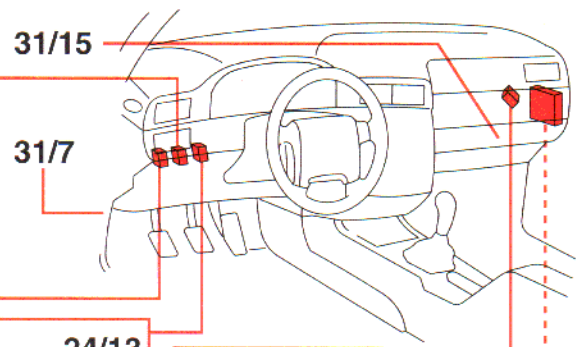
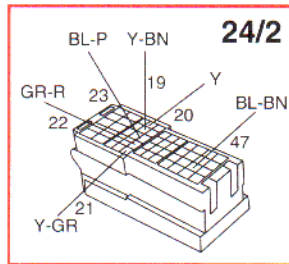
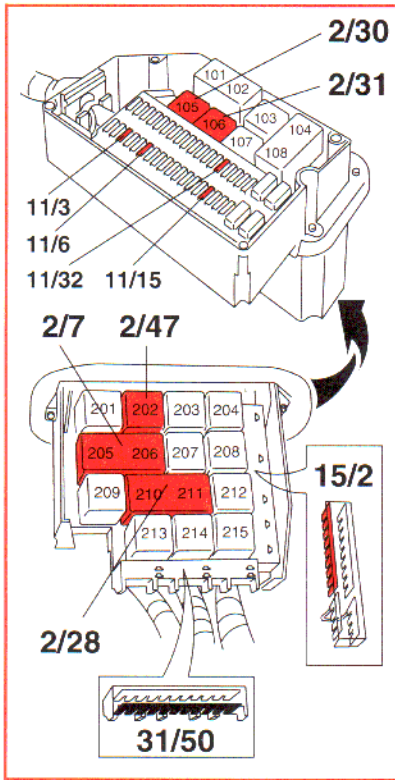


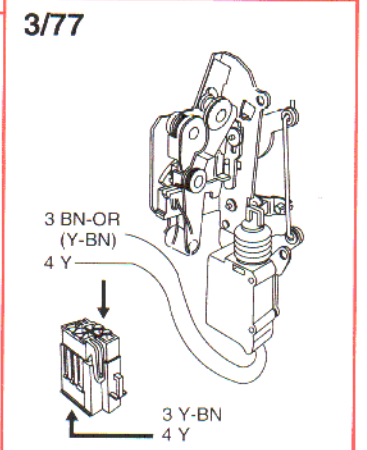
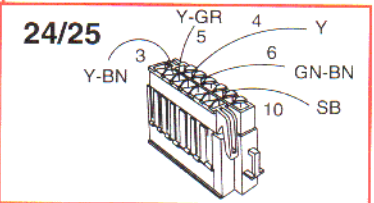
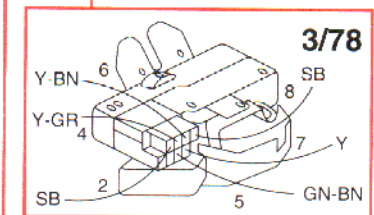
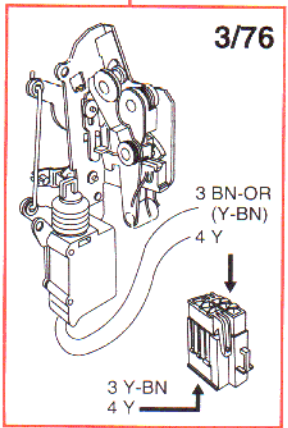
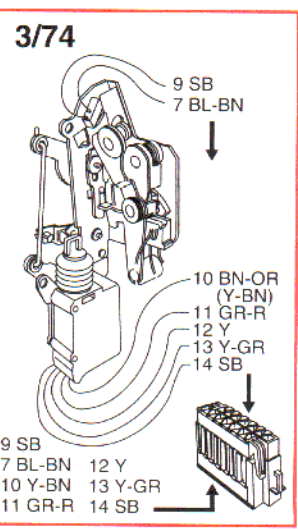
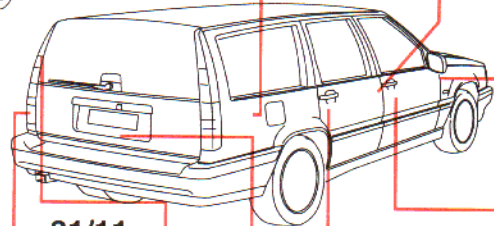
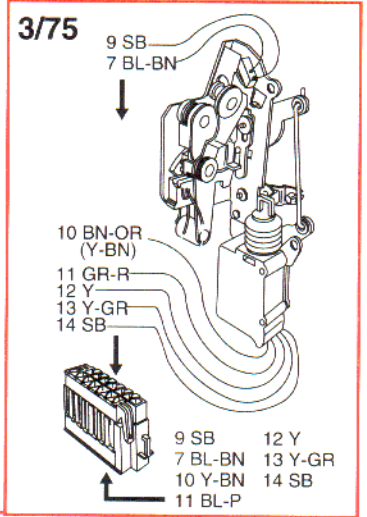
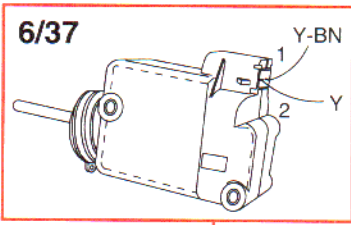
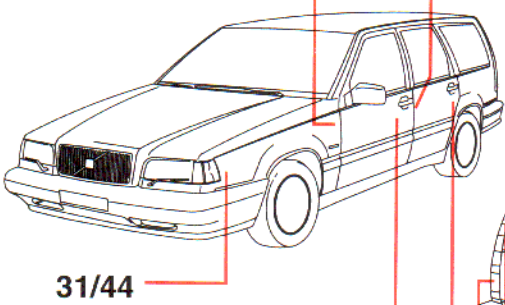
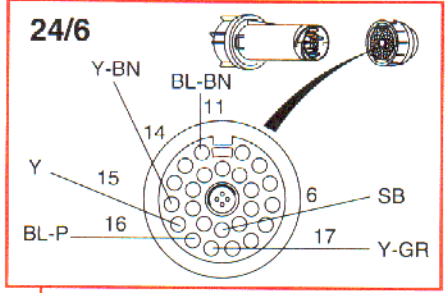
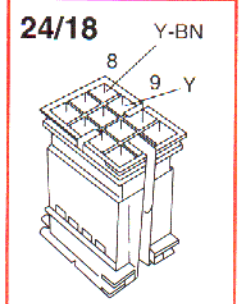
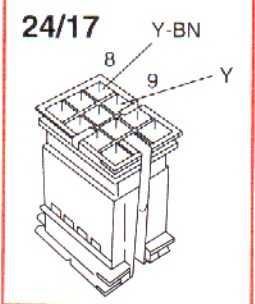
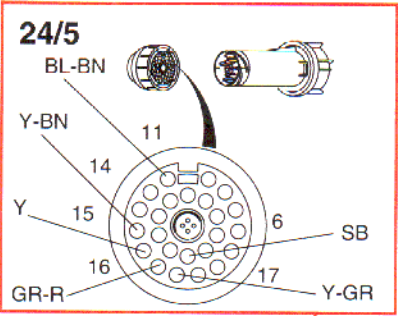
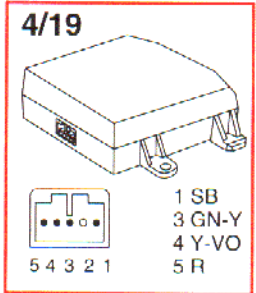
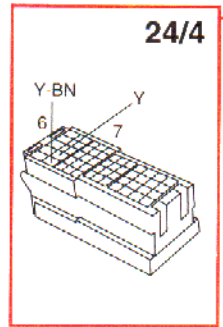
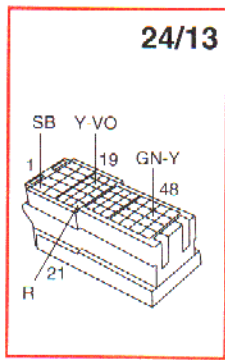
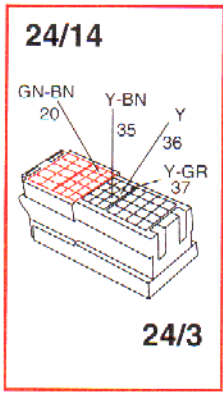
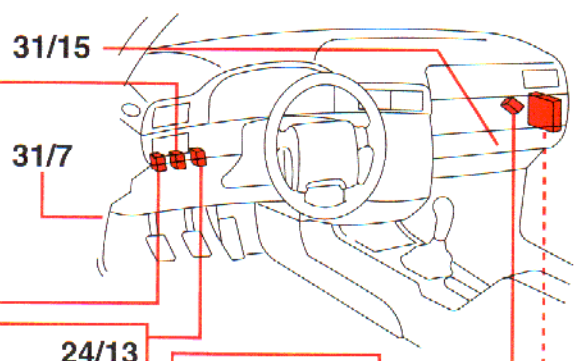
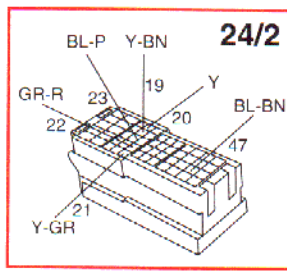
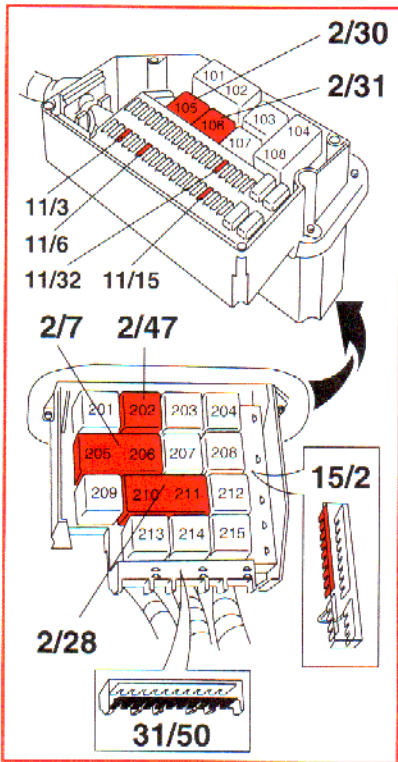


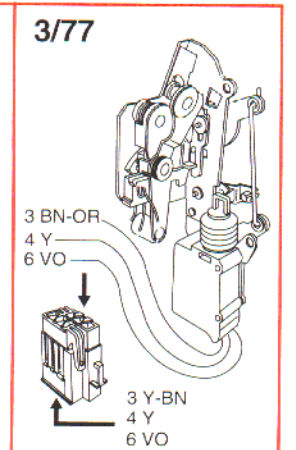
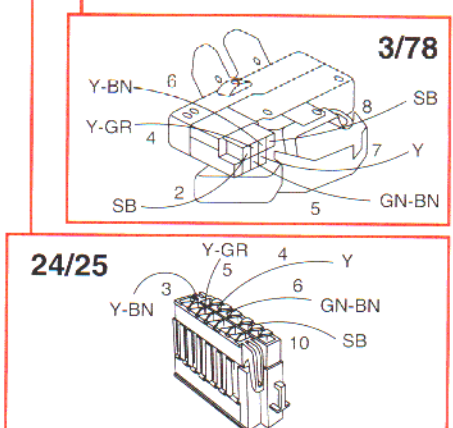
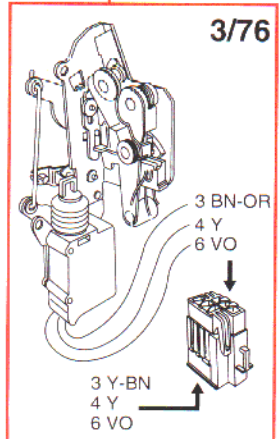
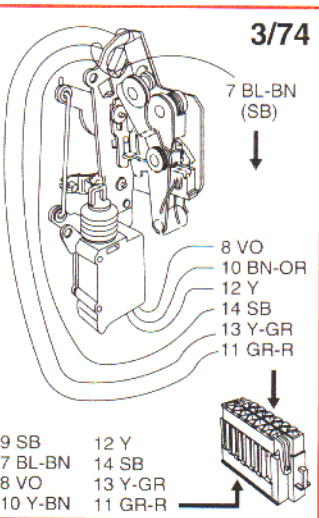
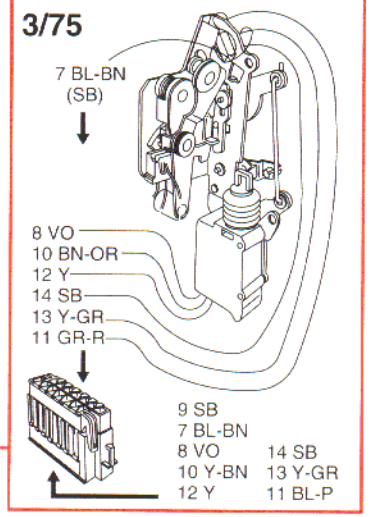
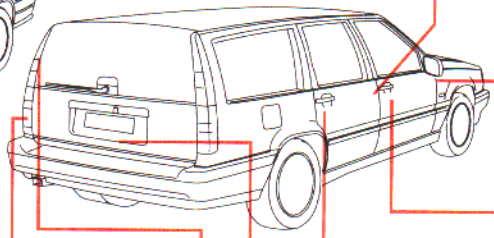
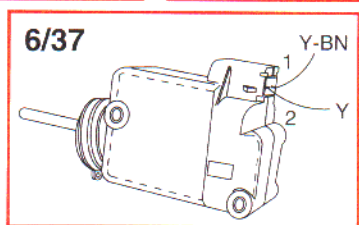
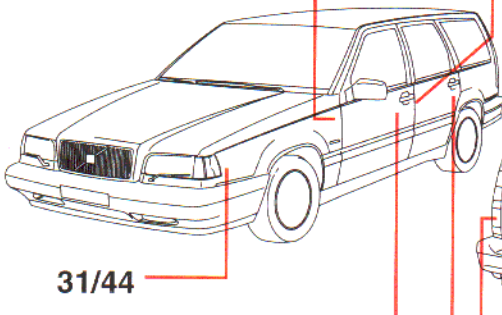
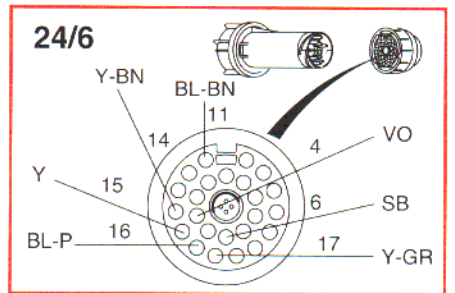
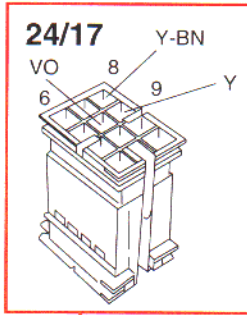
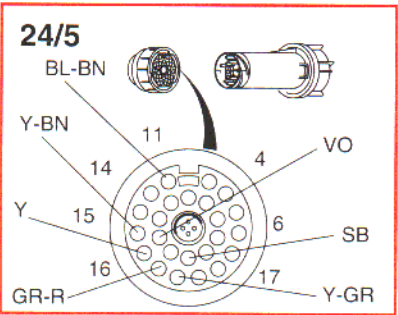
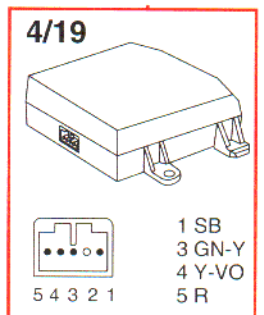
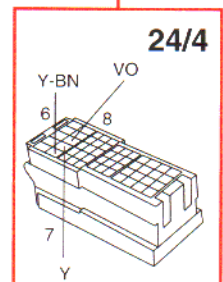
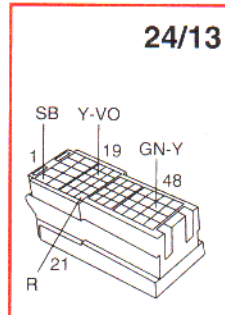
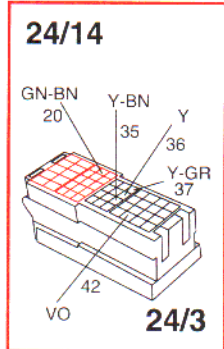
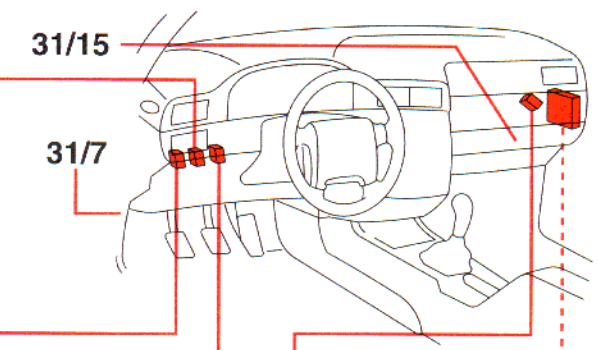
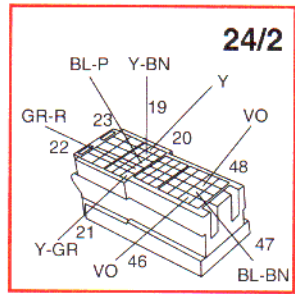
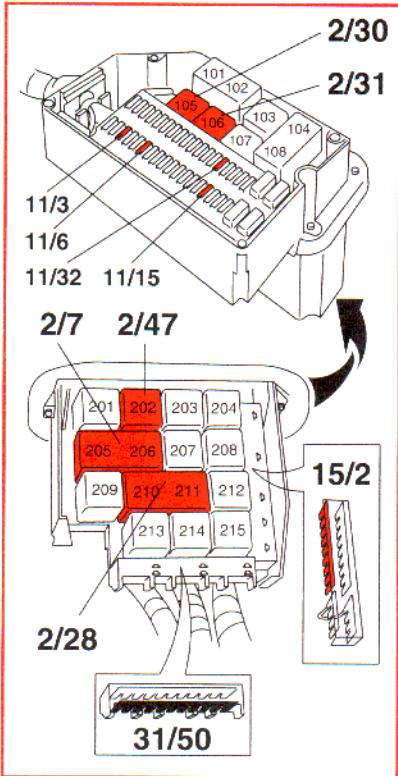
Power windows, Right-hand drive cars



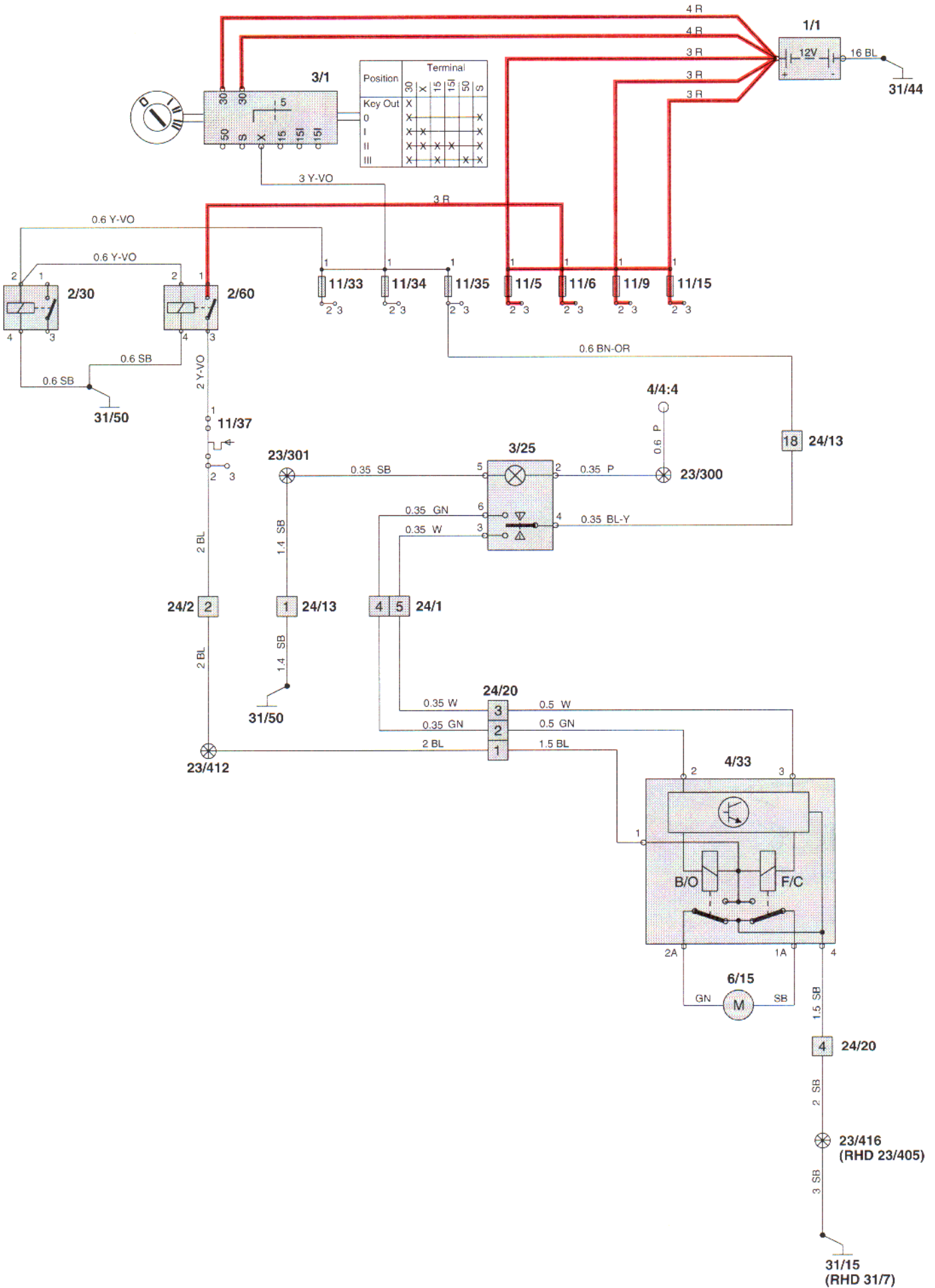


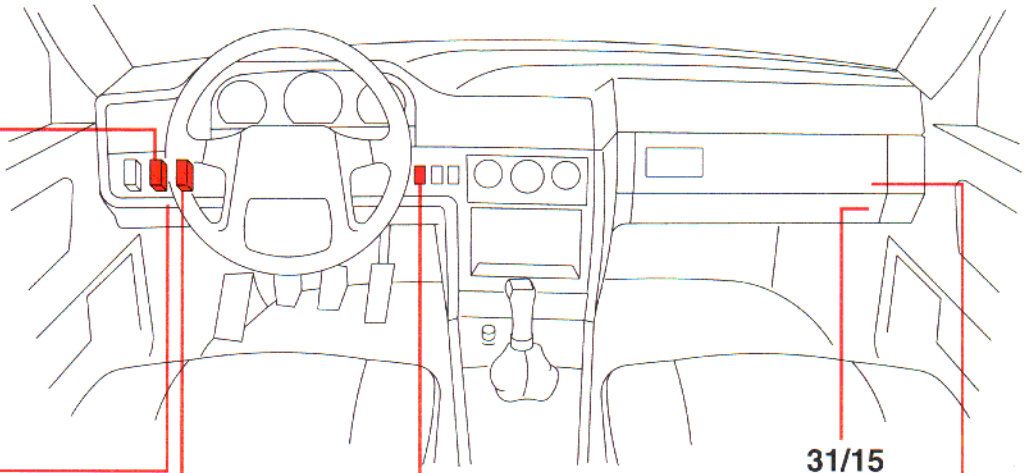
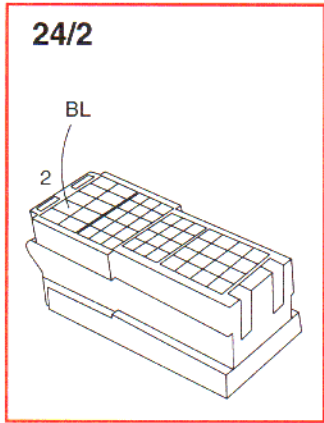




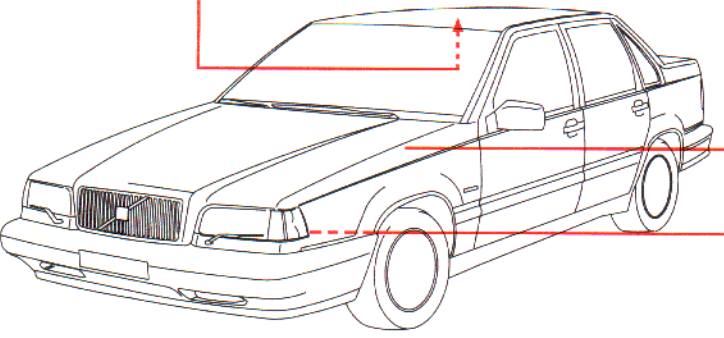
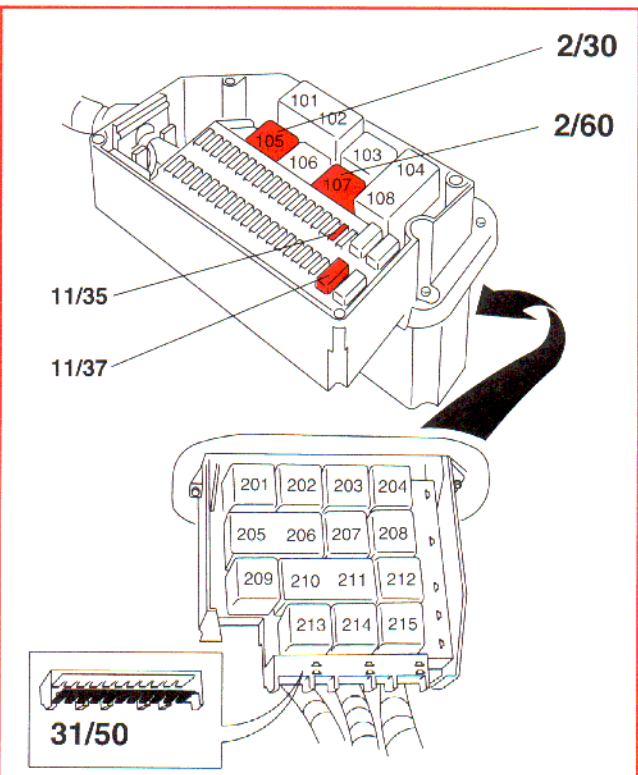
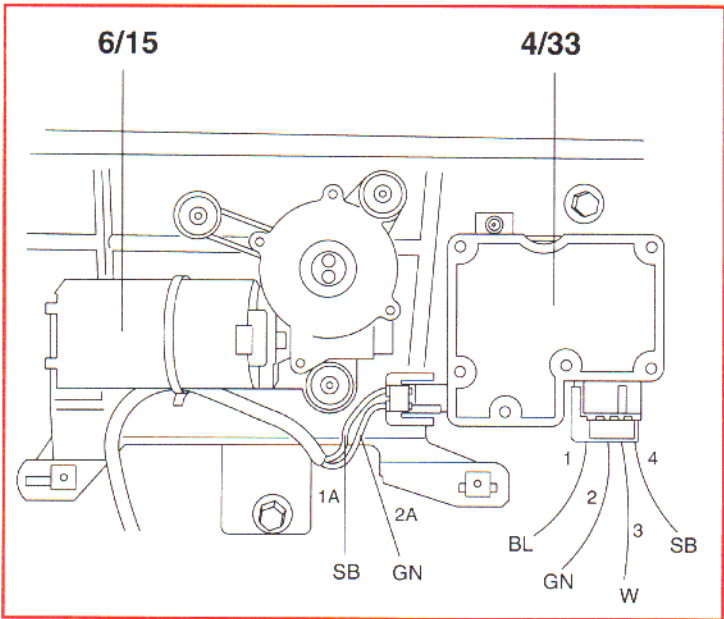
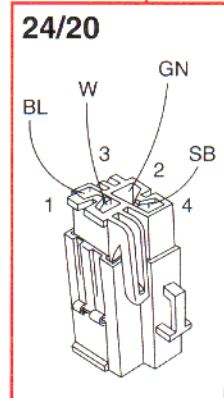
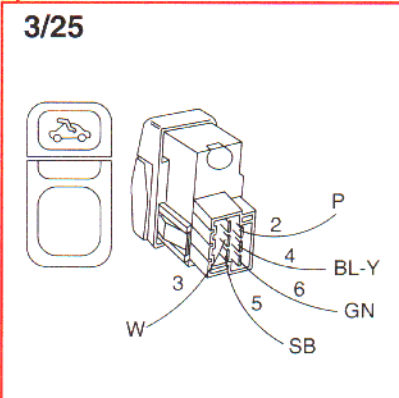
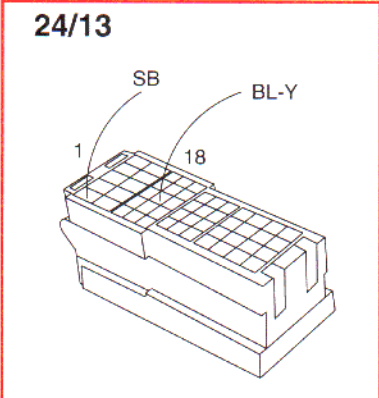
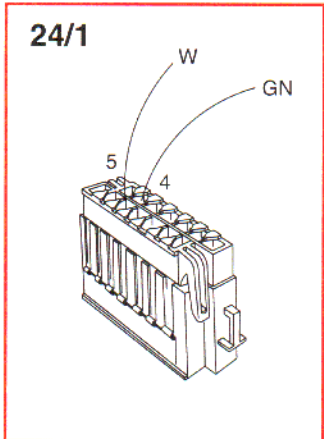


Power sunroof

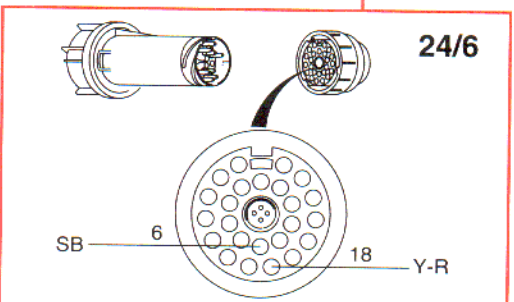
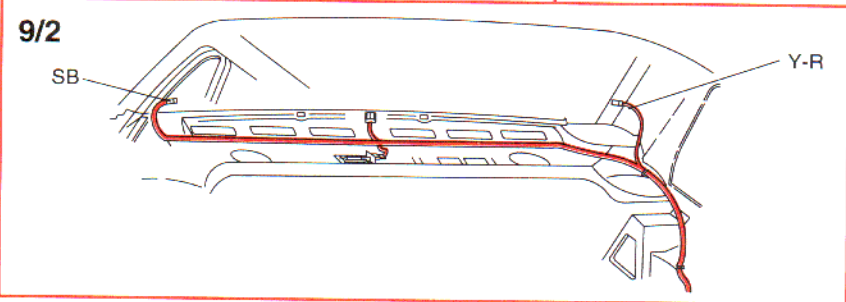
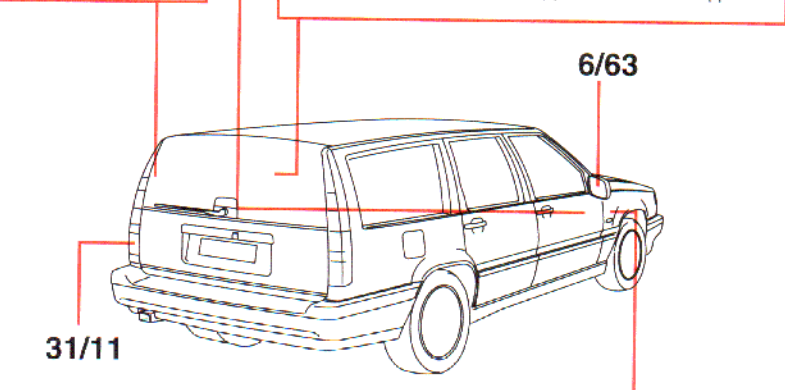
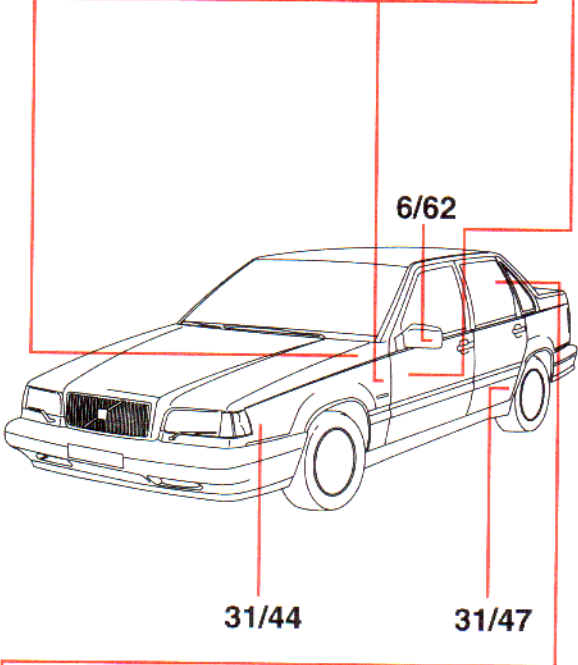
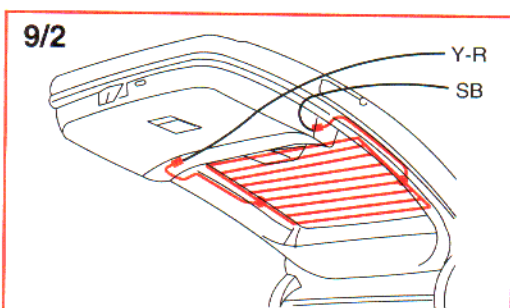
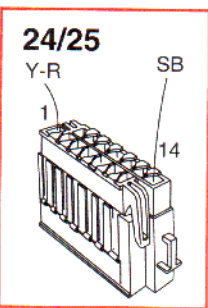
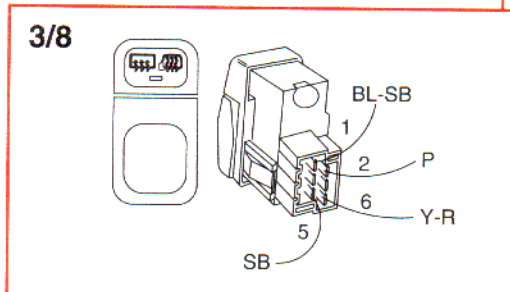
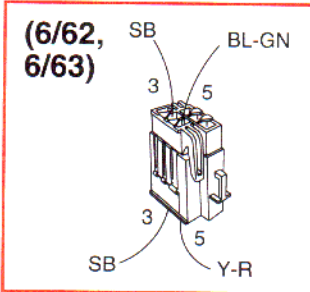
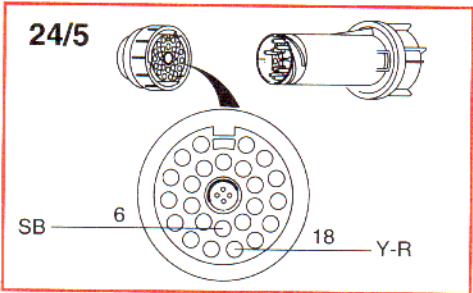
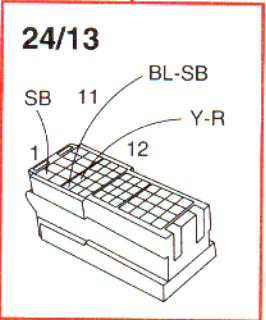
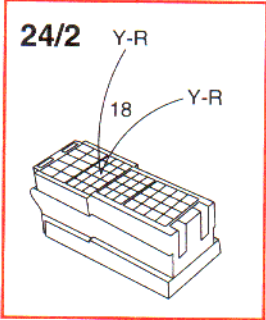
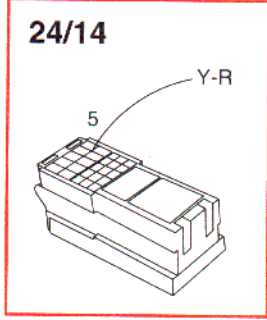
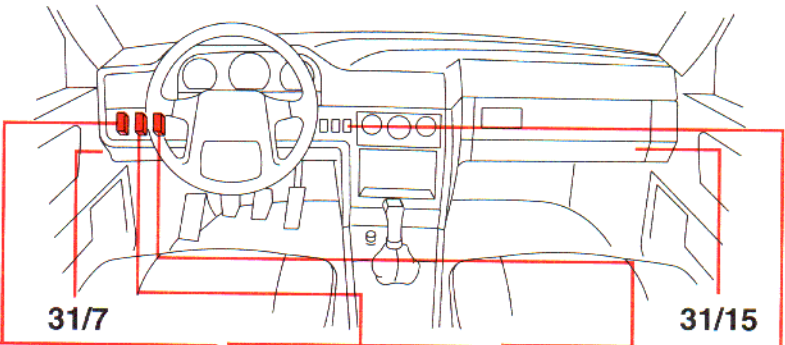
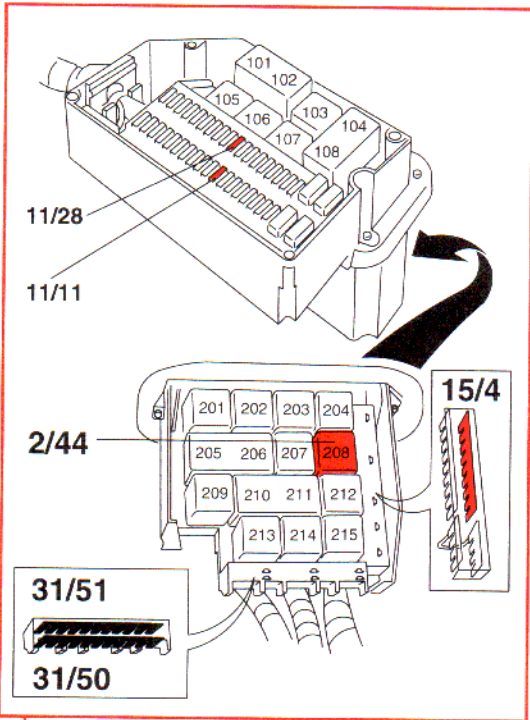




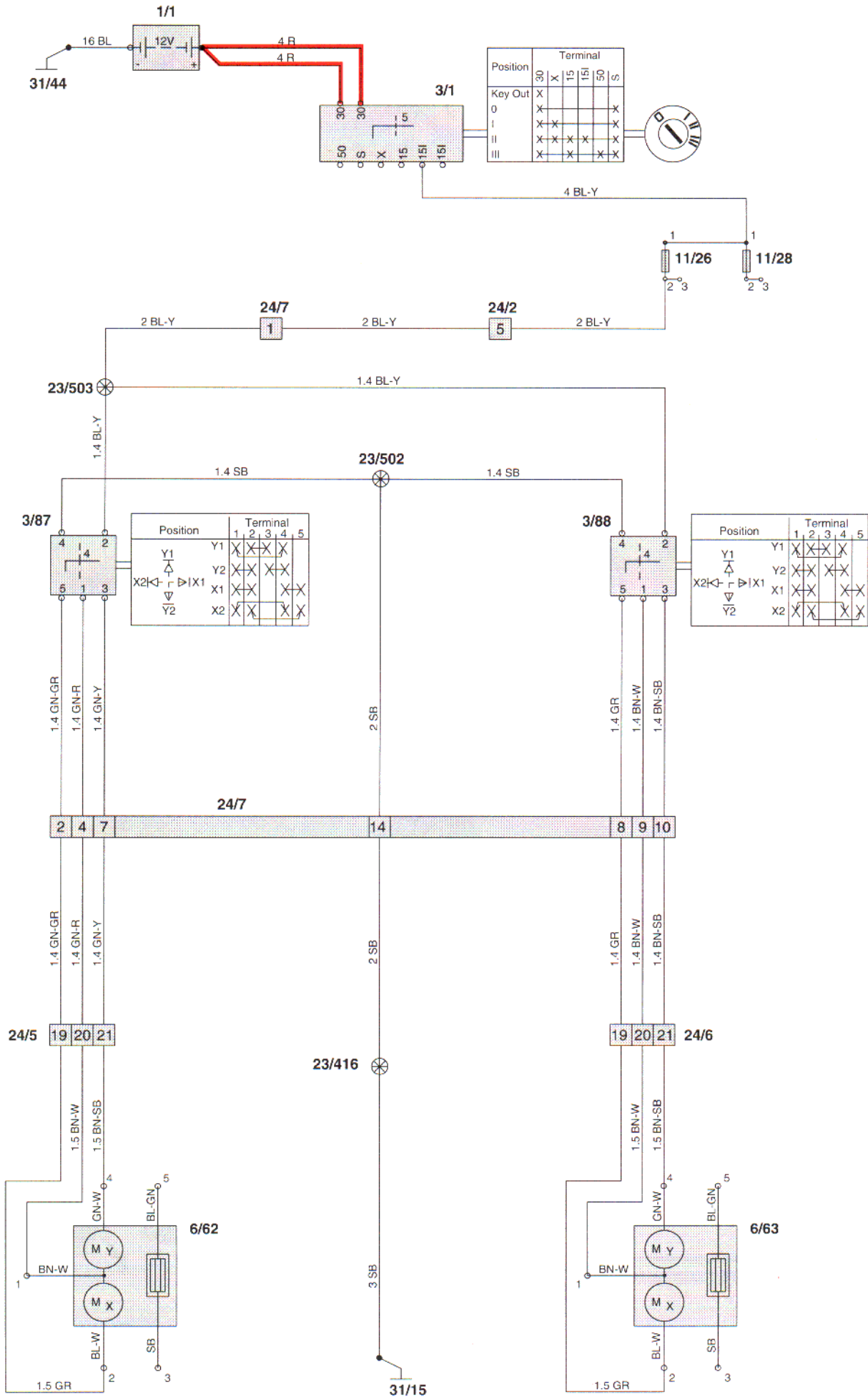
31/15

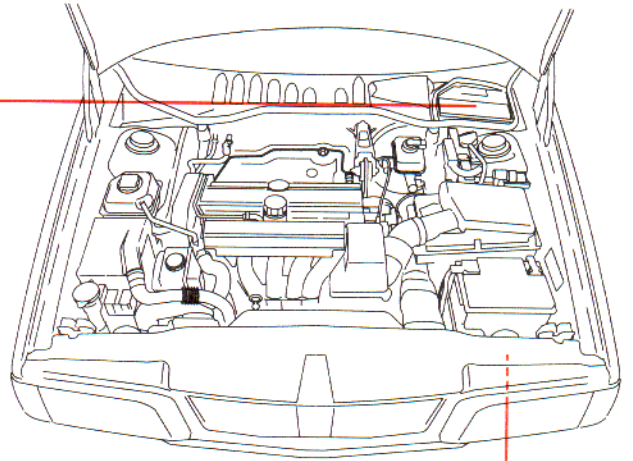
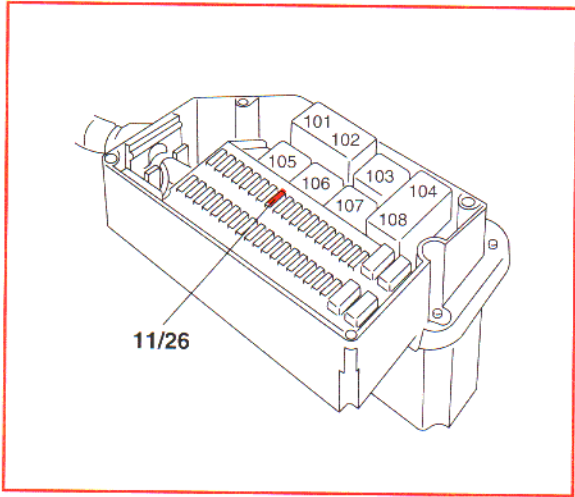


31/44

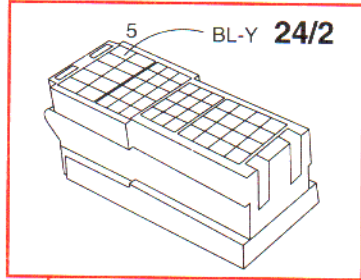


Power door mirrors

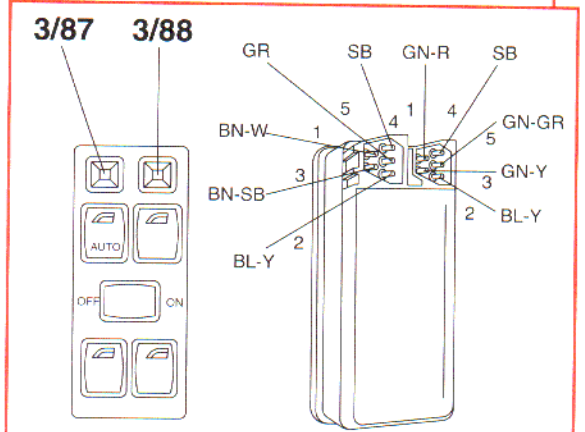
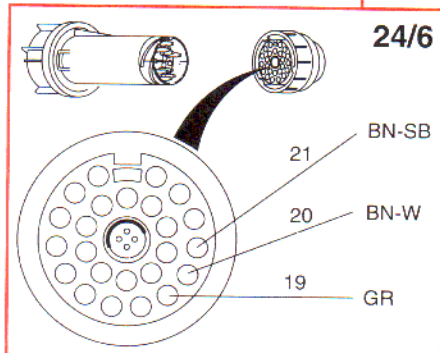
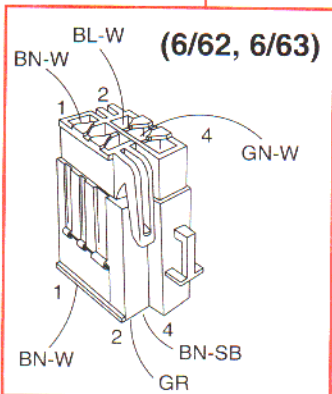
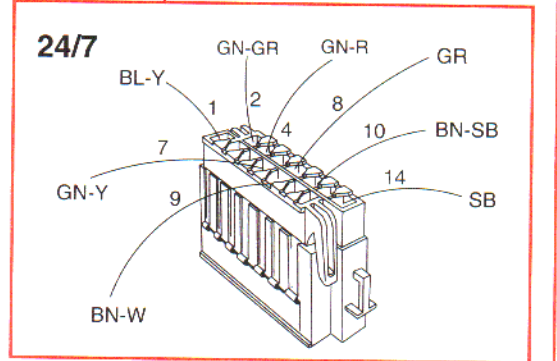
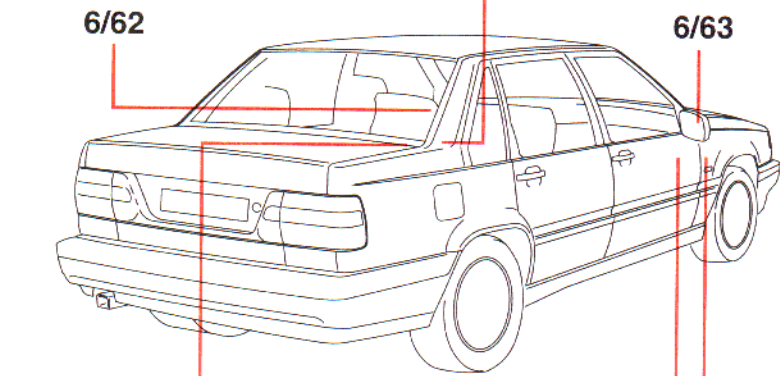
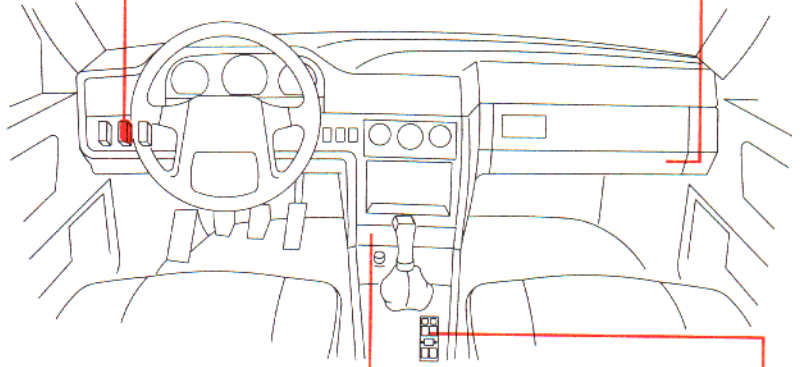
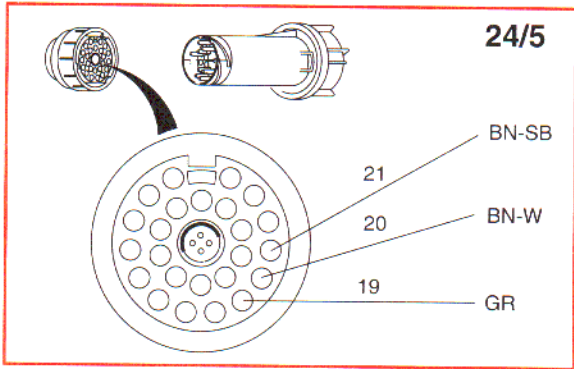




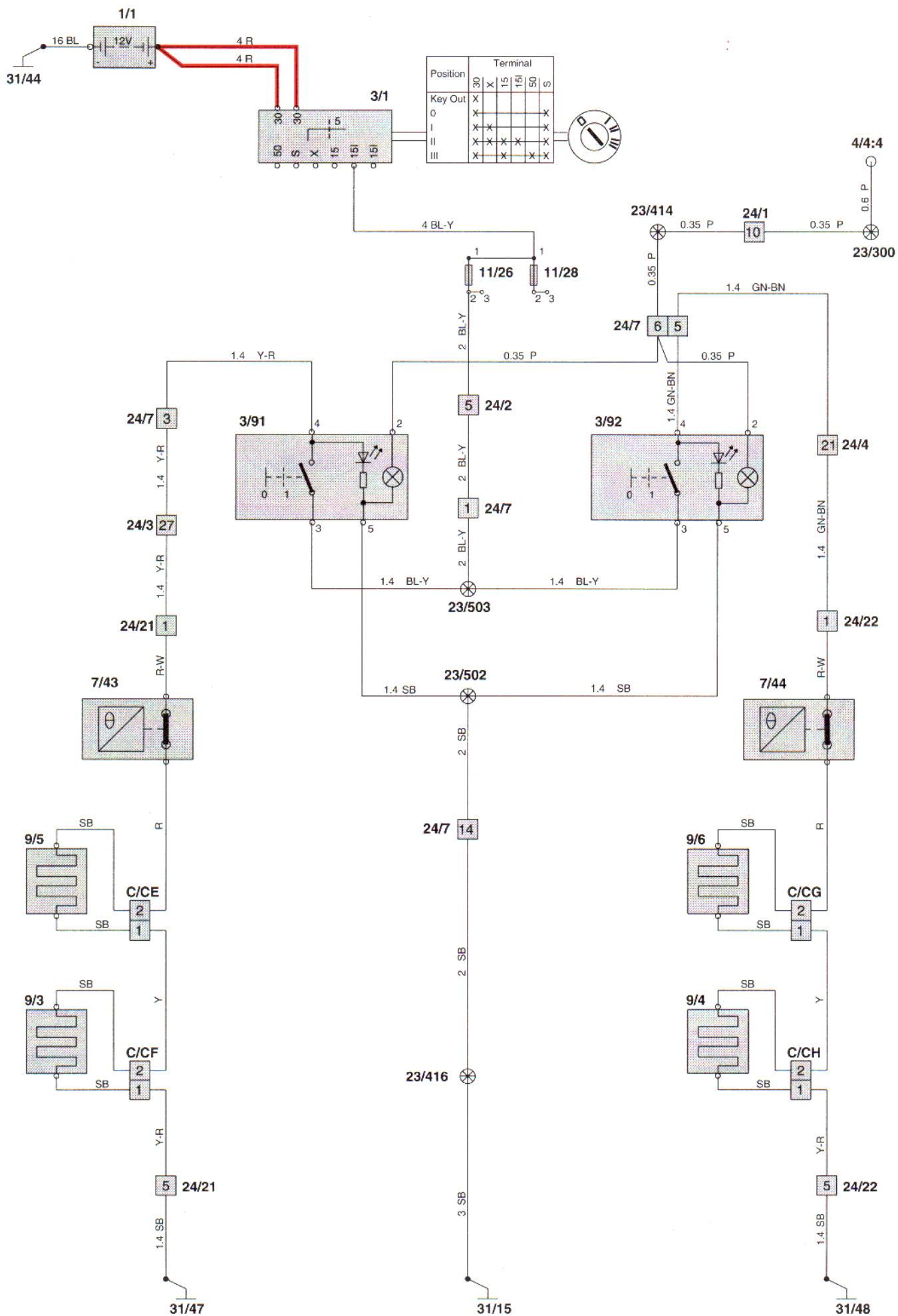
31/44

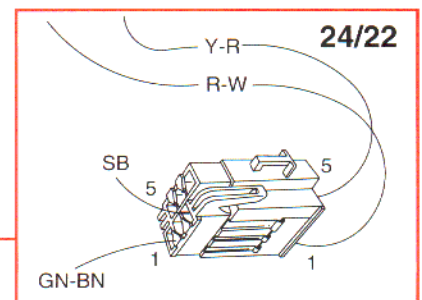
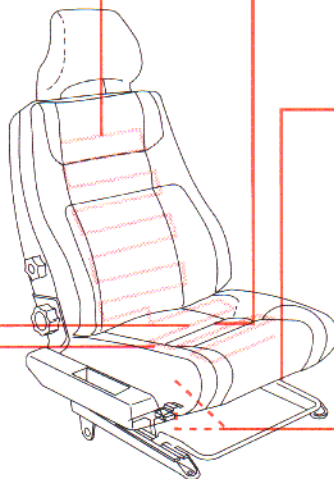
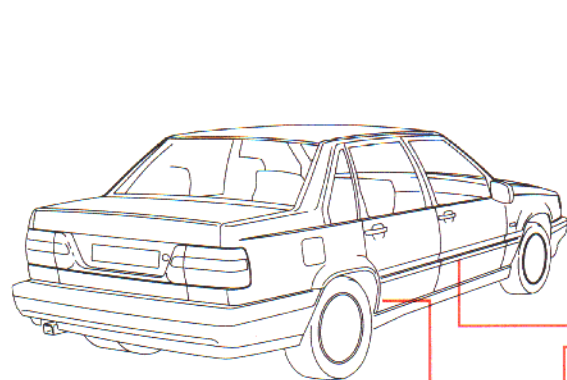
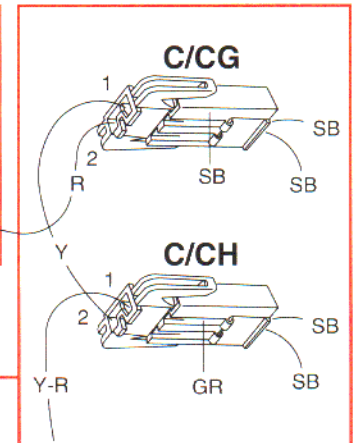
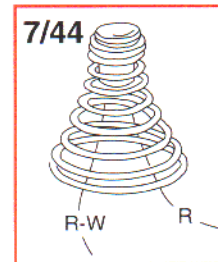
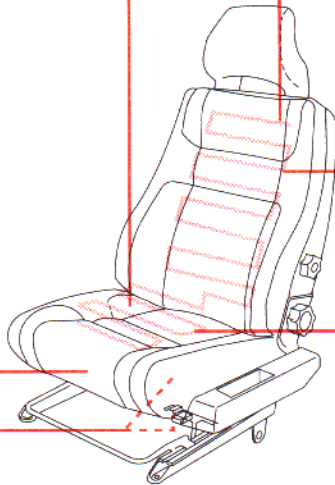
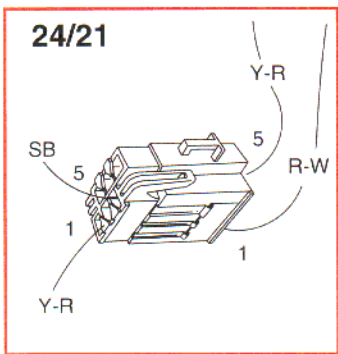
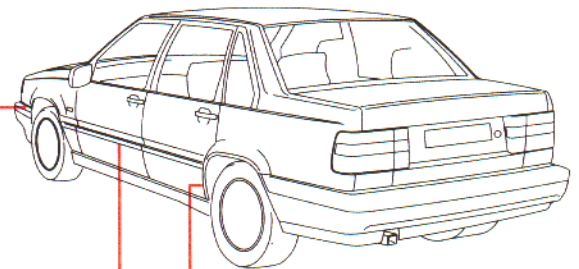
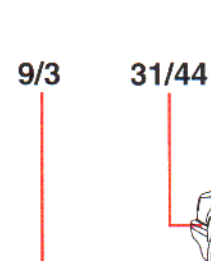
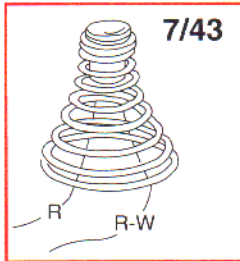
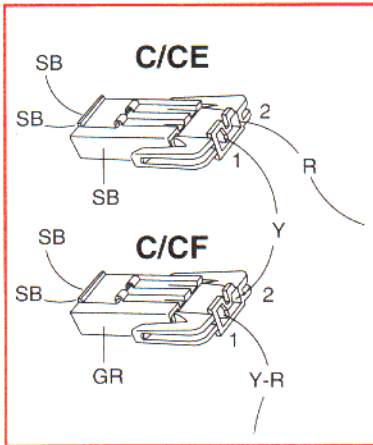
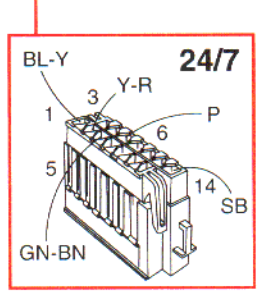
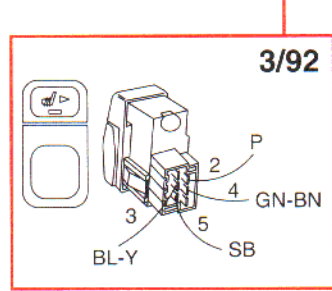
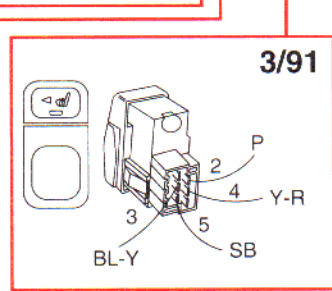
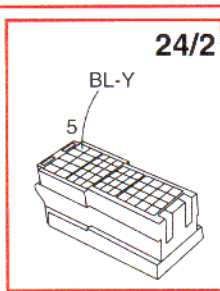
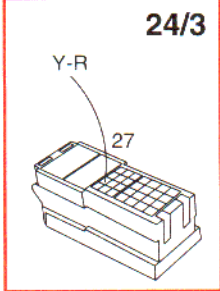
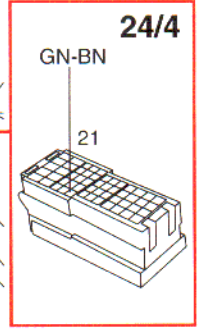
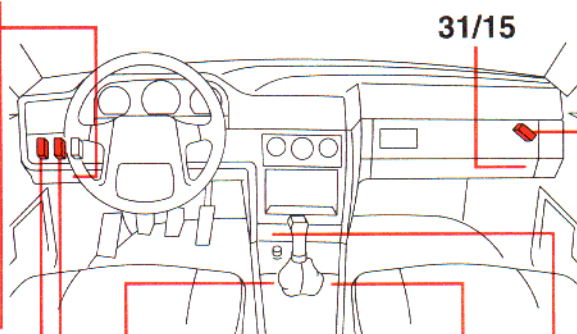
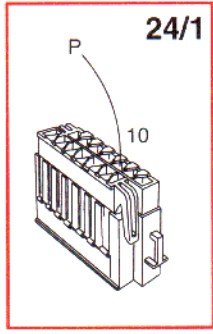
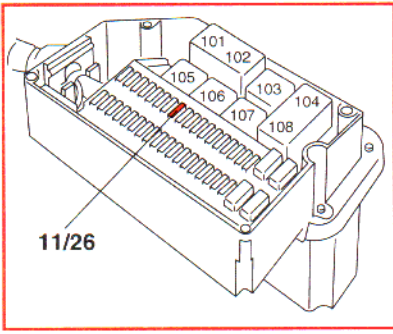


31/15

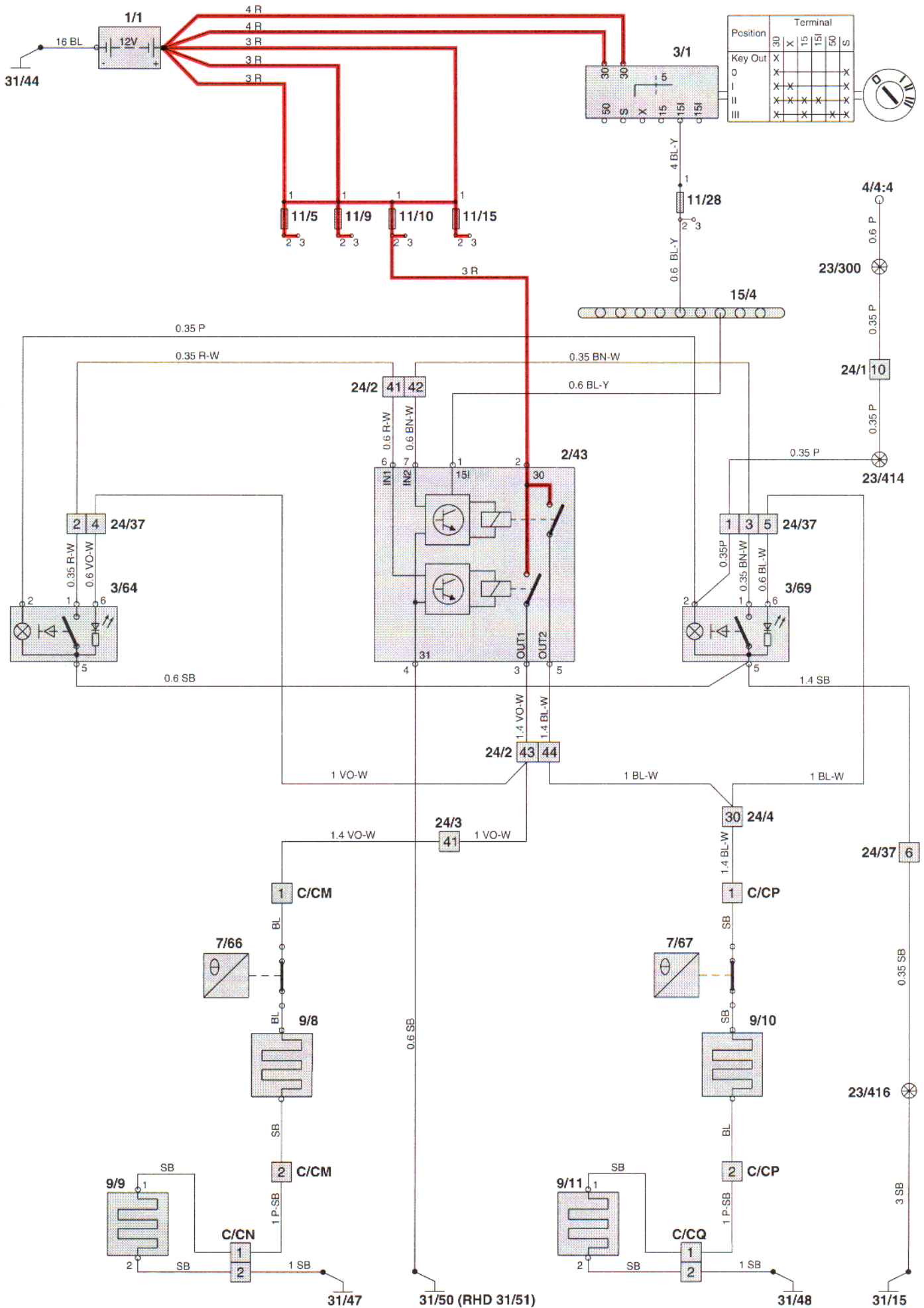


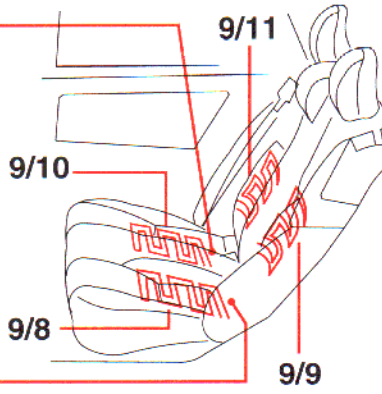
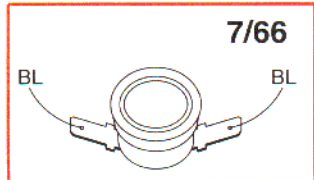
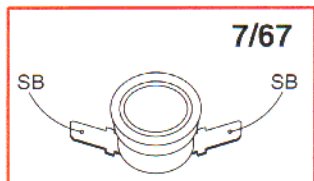
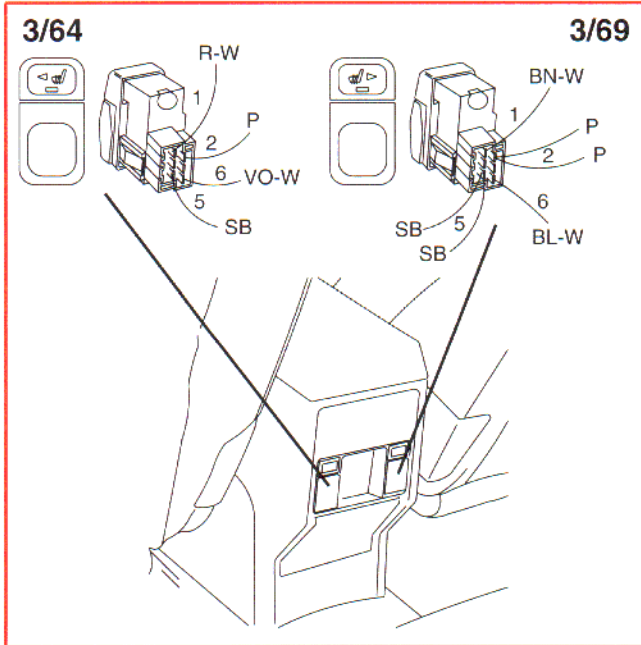
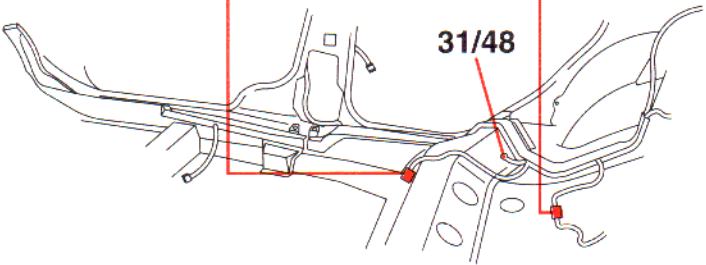
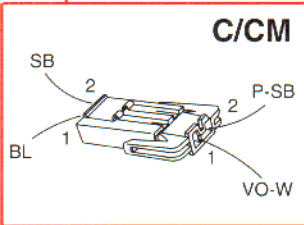
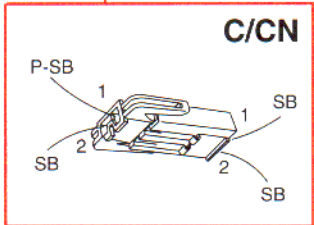
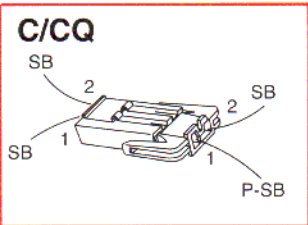
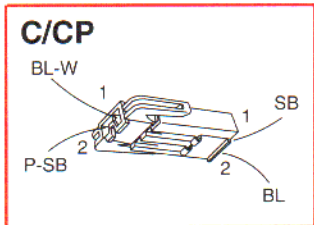
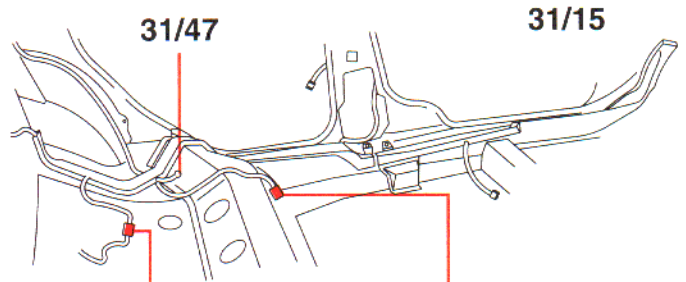
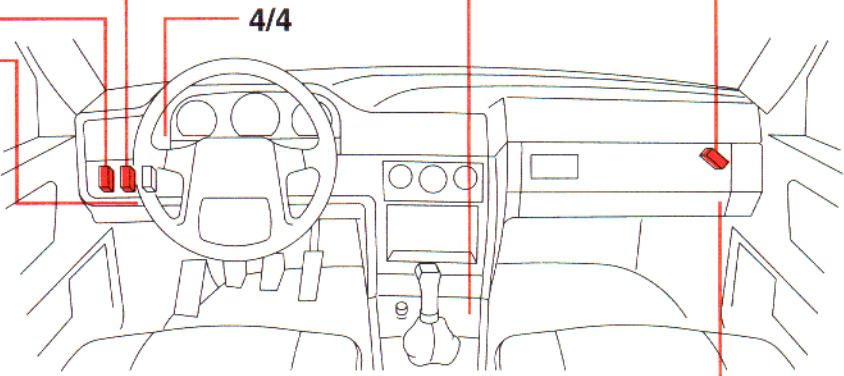
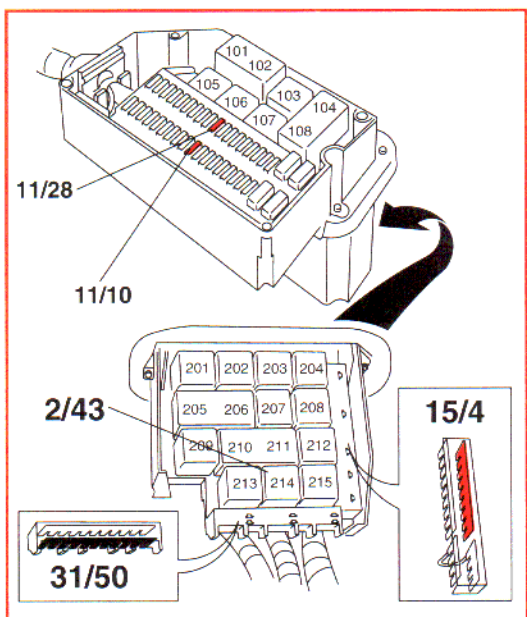
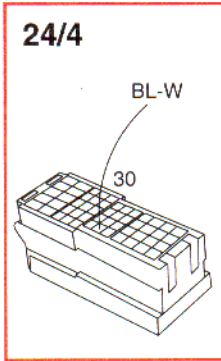
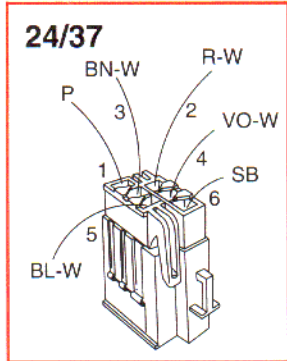
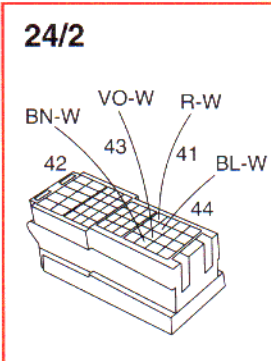
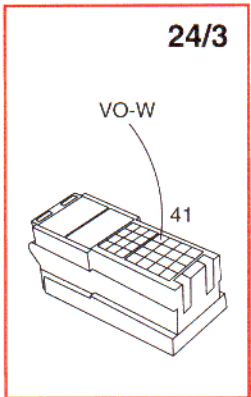
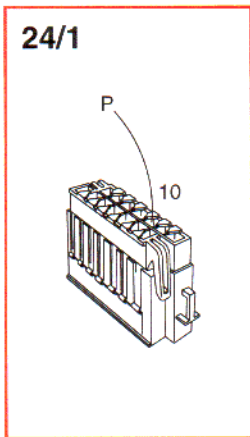
Electrically heated seats



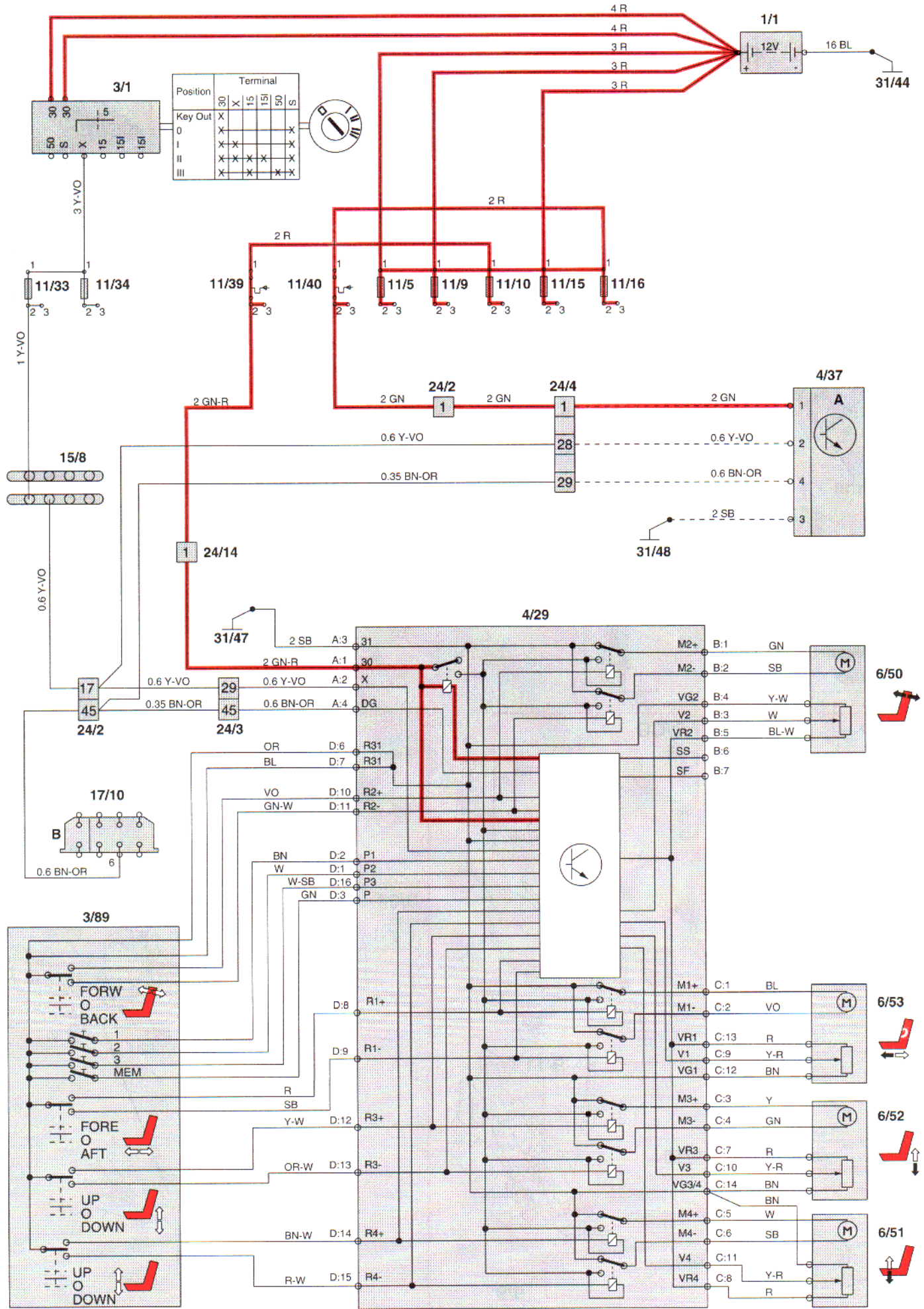


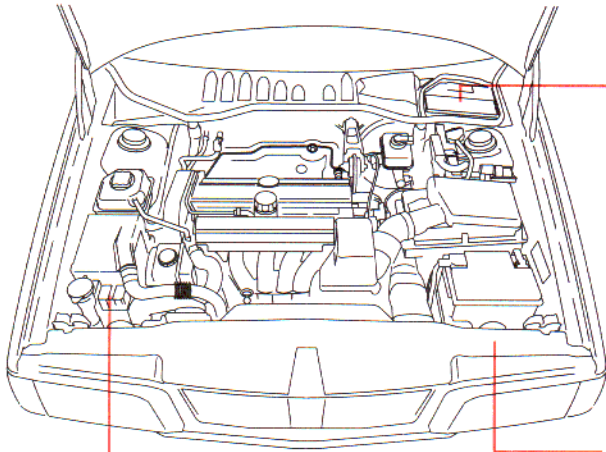
Heated rear seat



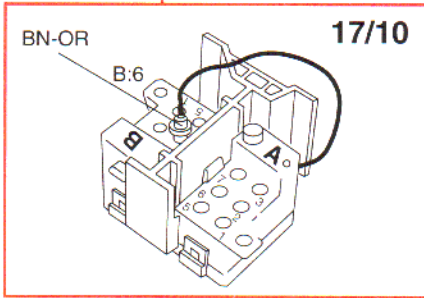
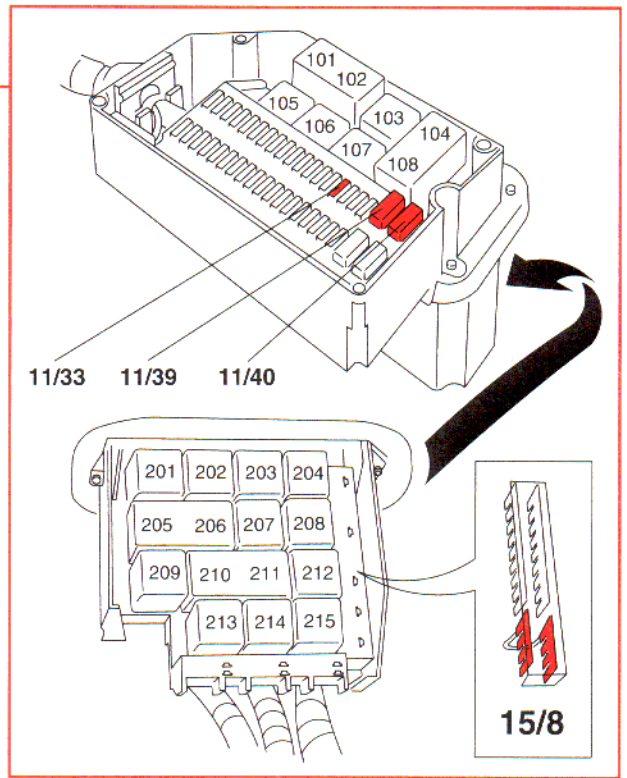


Power seat with memory

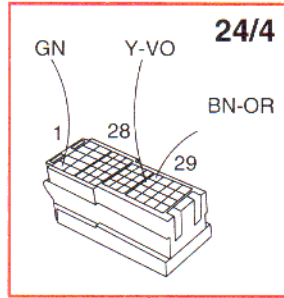




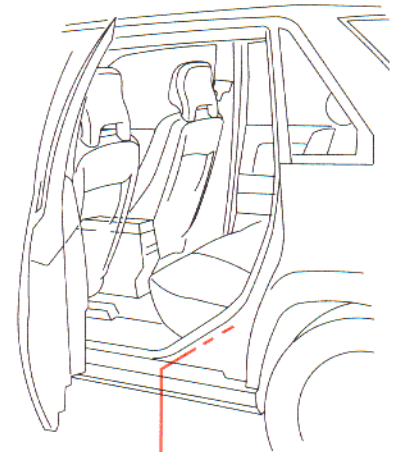
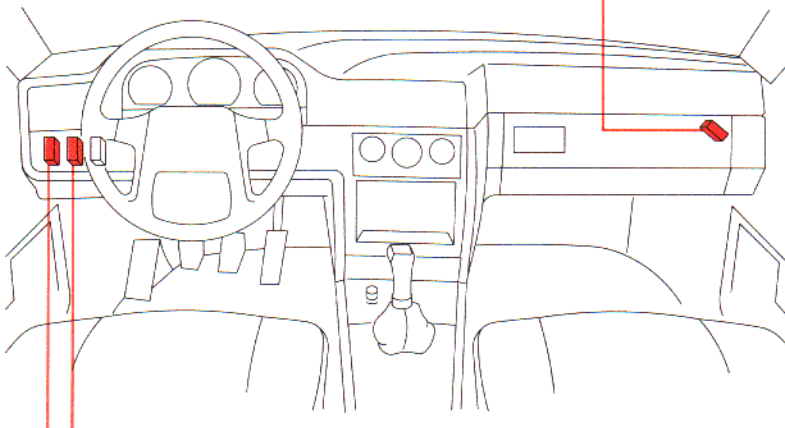
31/44



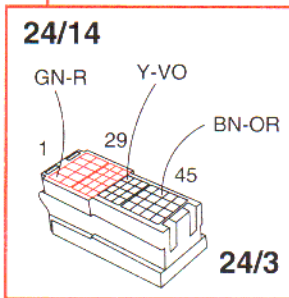
17/10



24/4

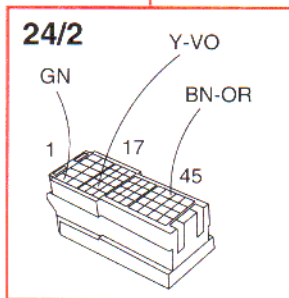


31/47

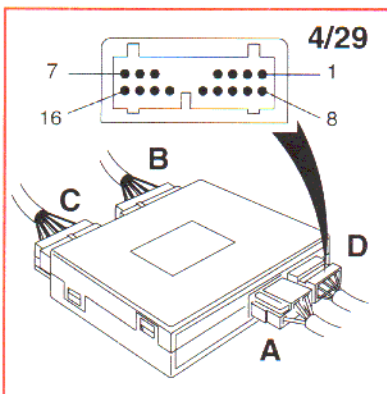


24/14

24/3



24/2



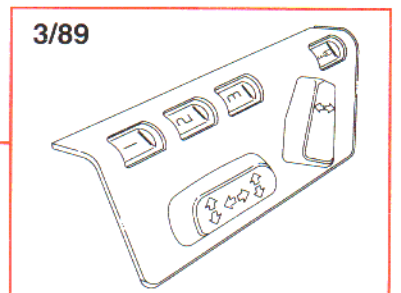
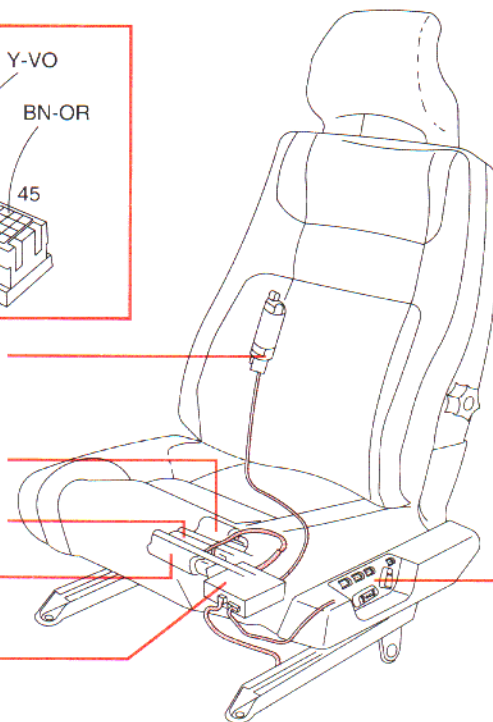
4/29

6/50

6/52

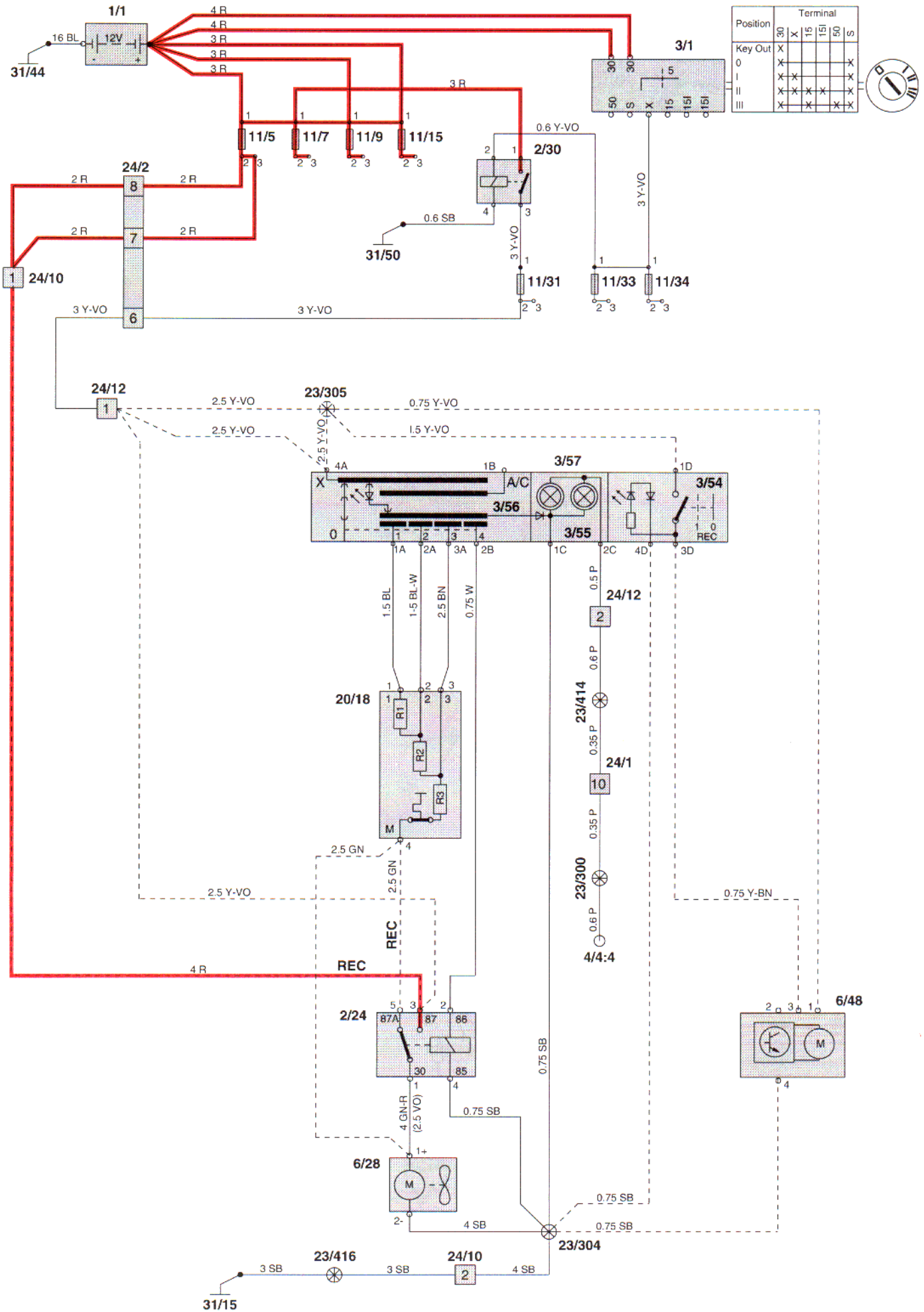
6/53

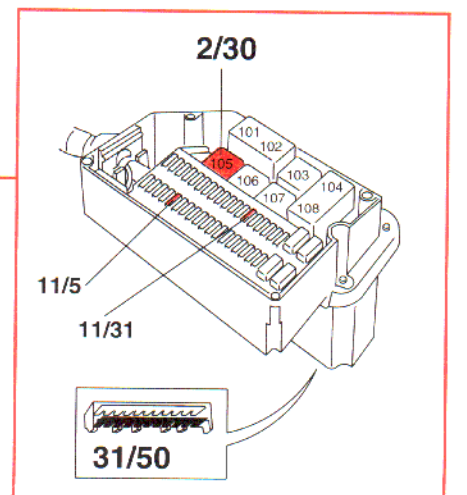
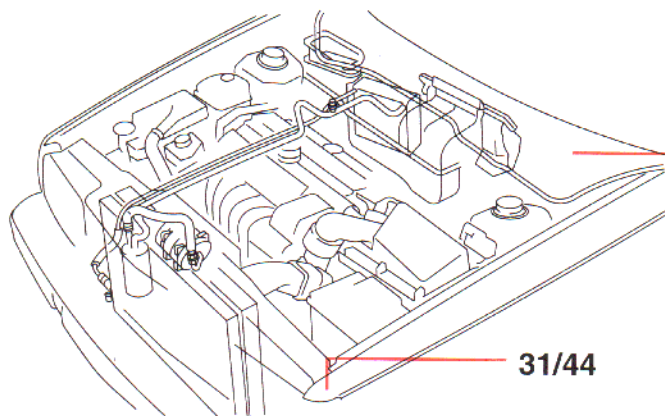
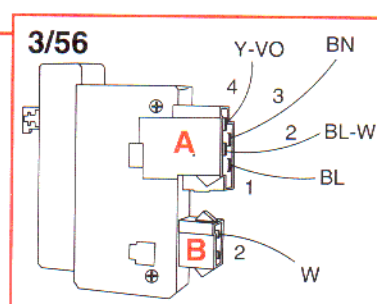
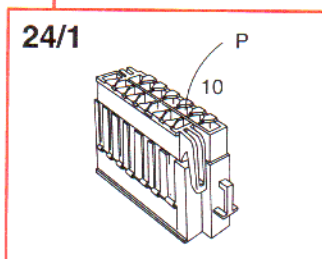
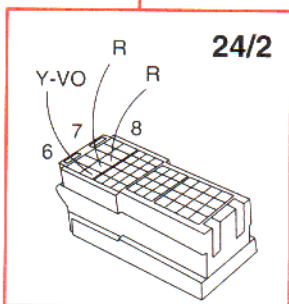
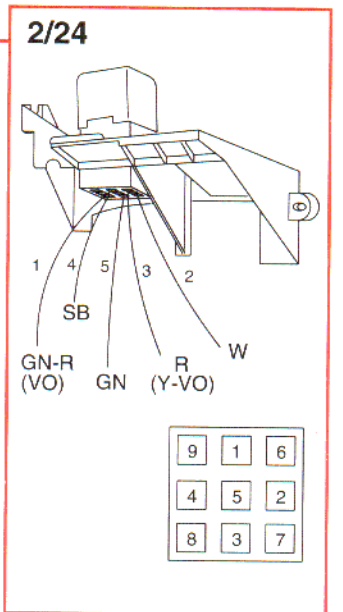
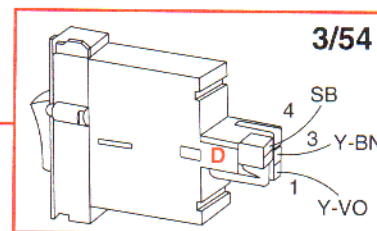
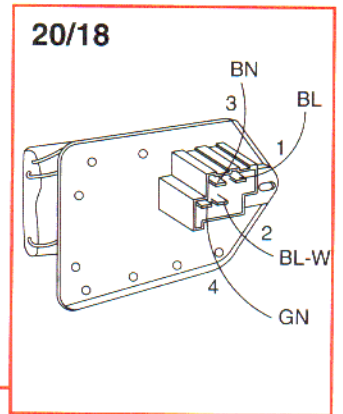
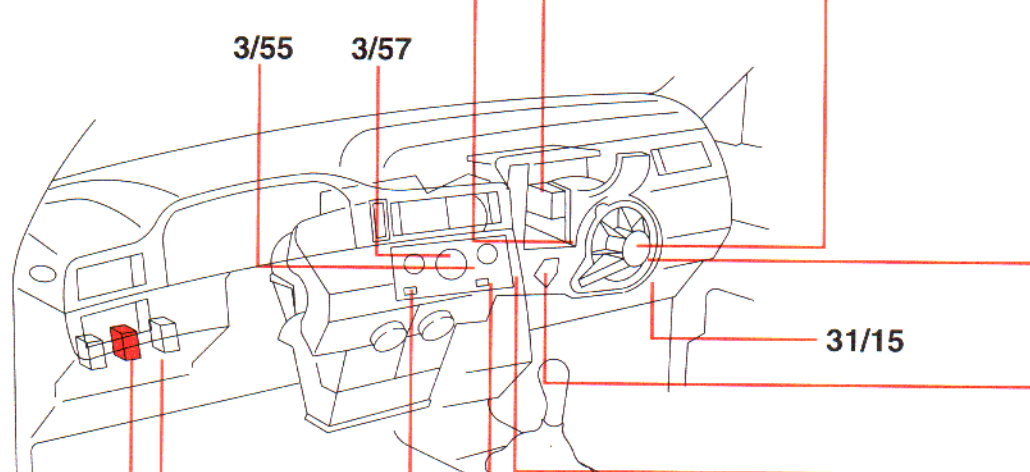
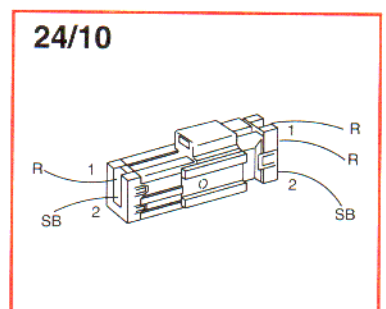
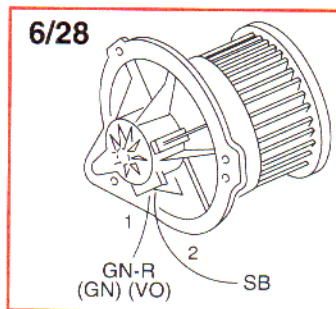
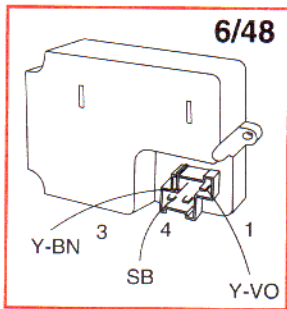
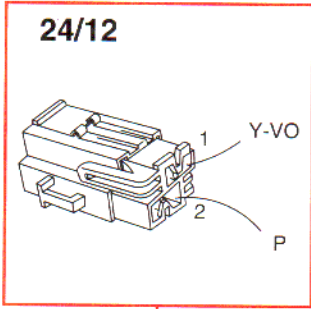
6/51



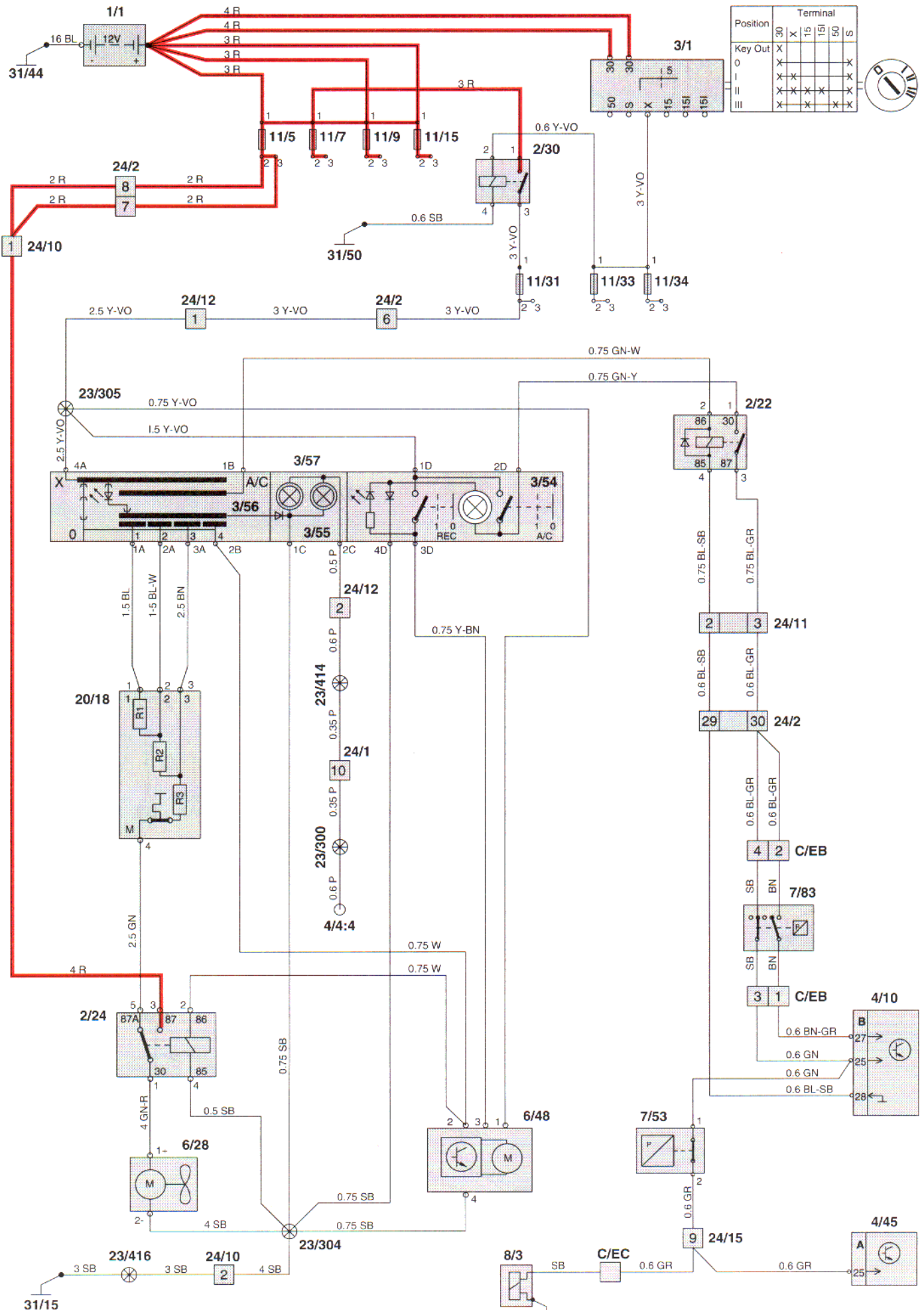
3/89

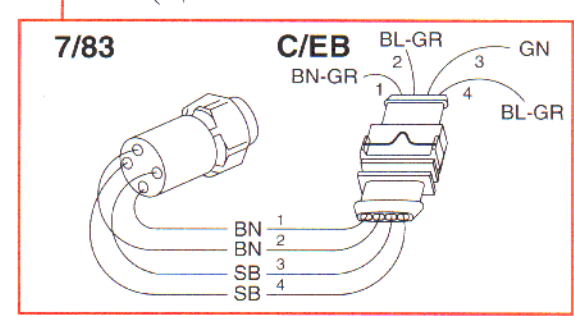
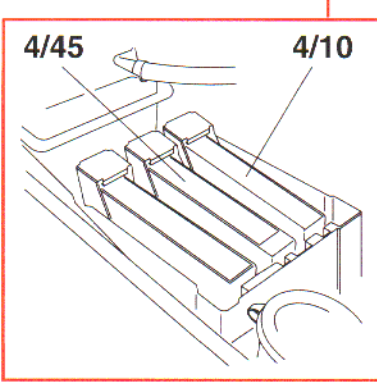
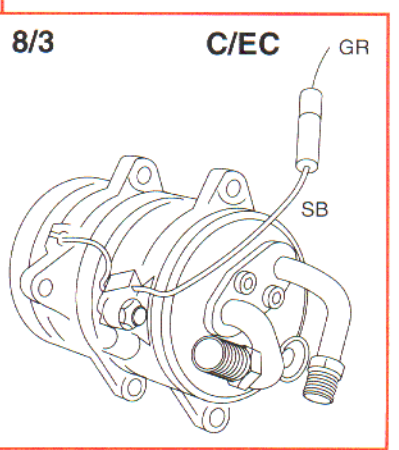
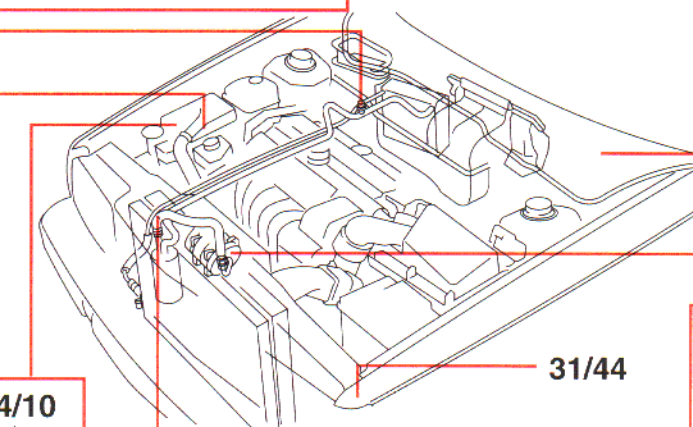
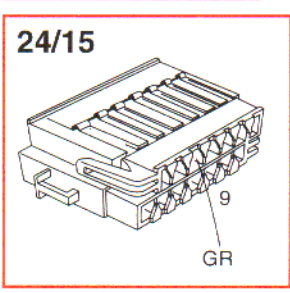
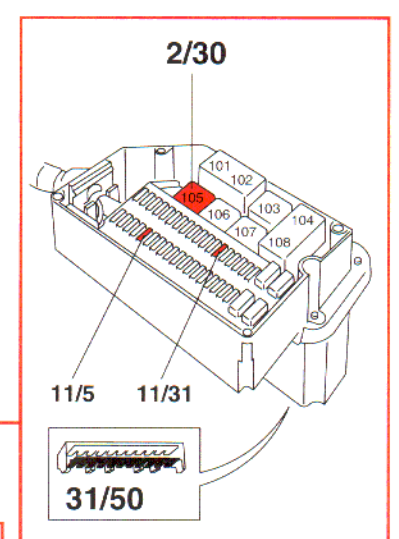
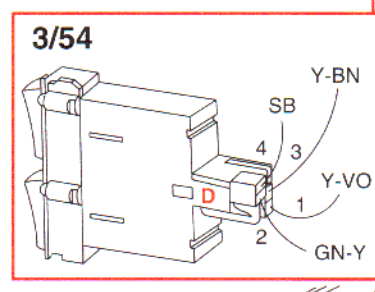
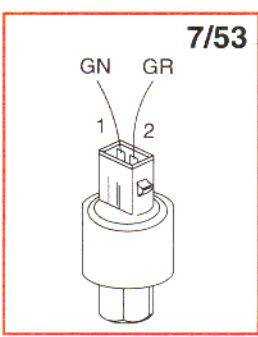
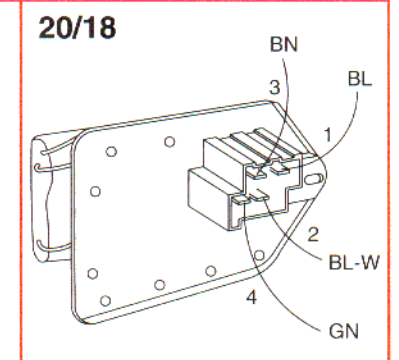
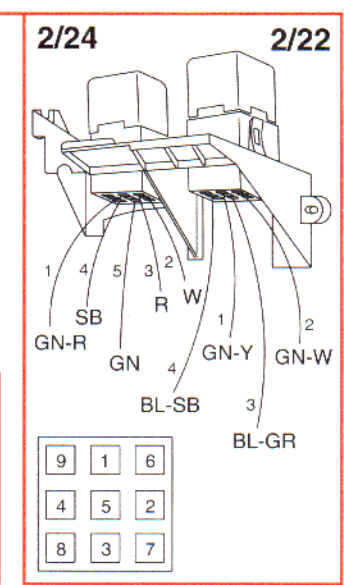
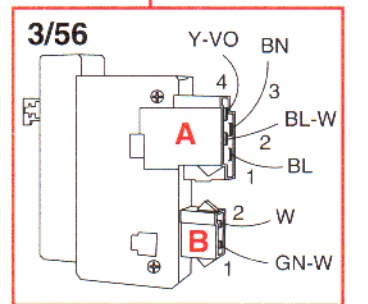
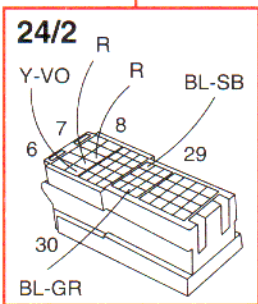
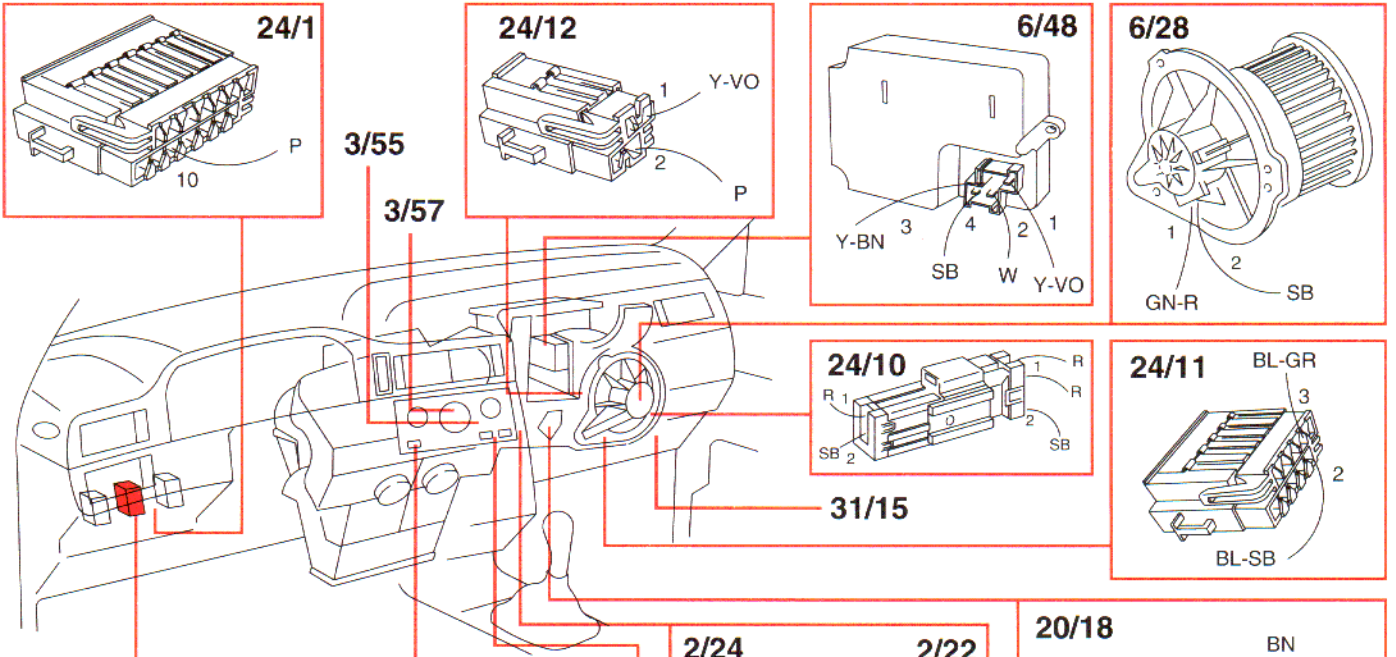
Heater fan



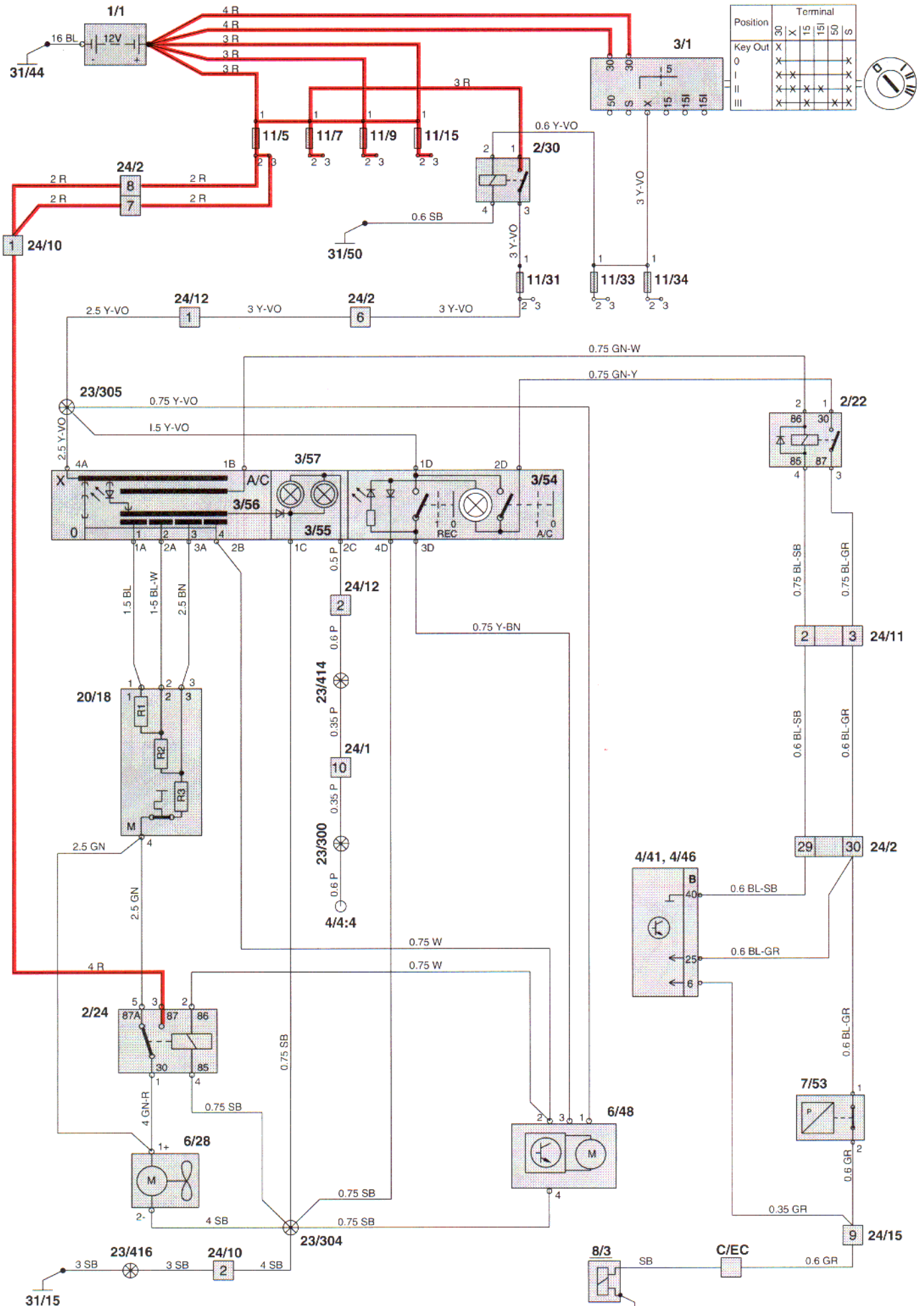


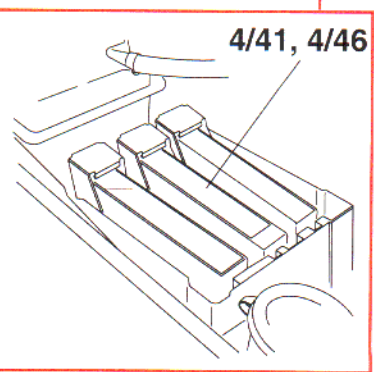
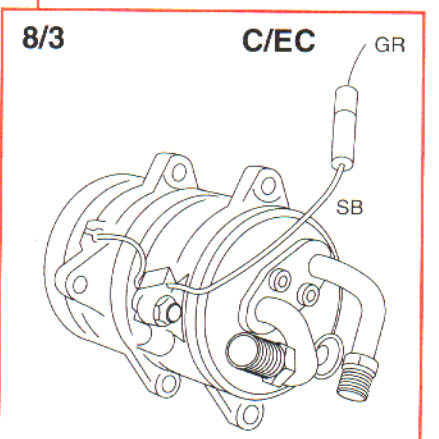
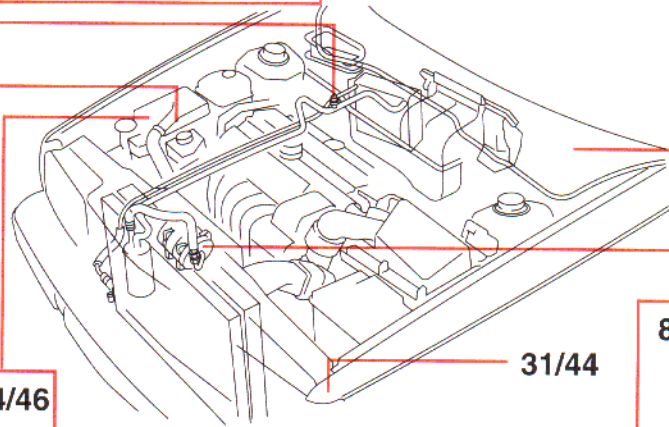
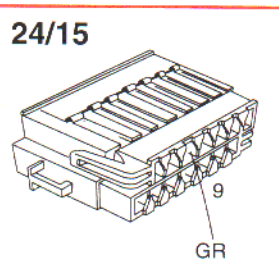
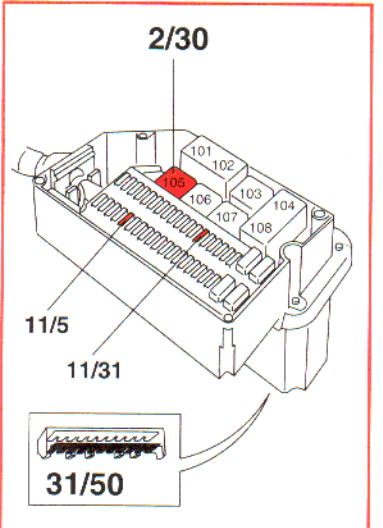
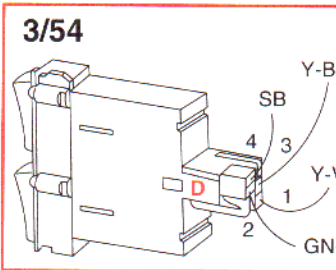
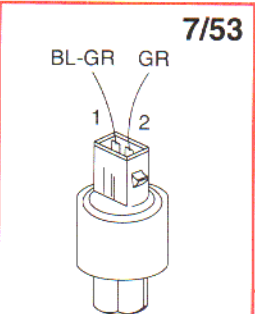
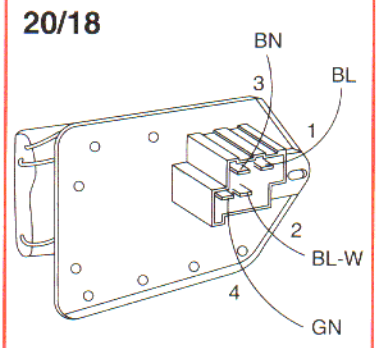
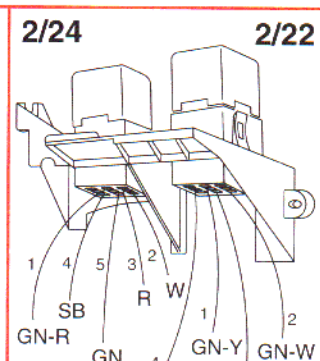
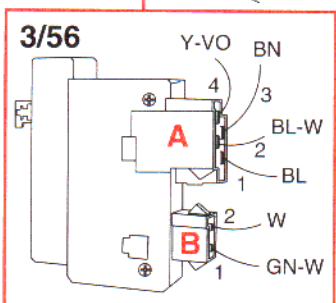
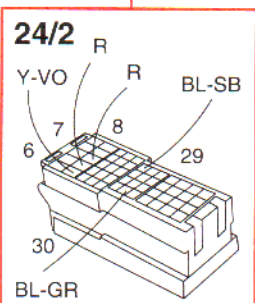
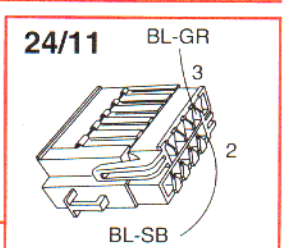
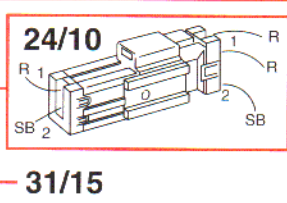
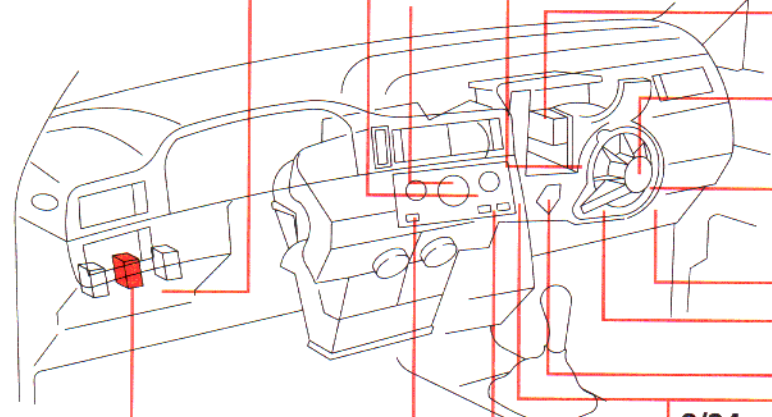
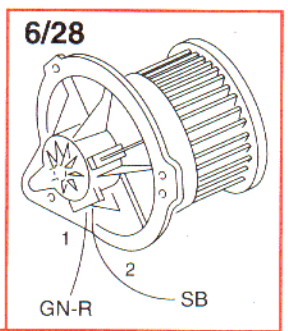
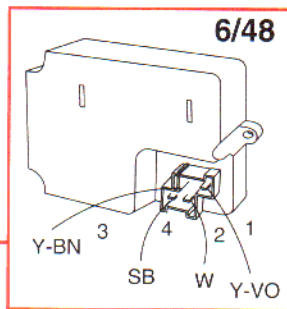
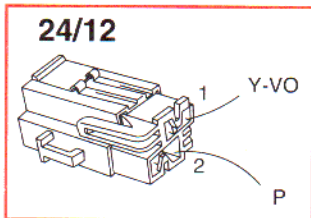
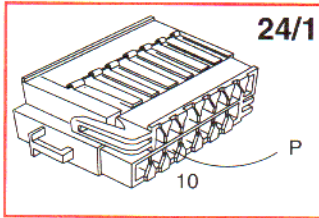
Manual climate unit MCC (LH 3.2 & EZ 129K)



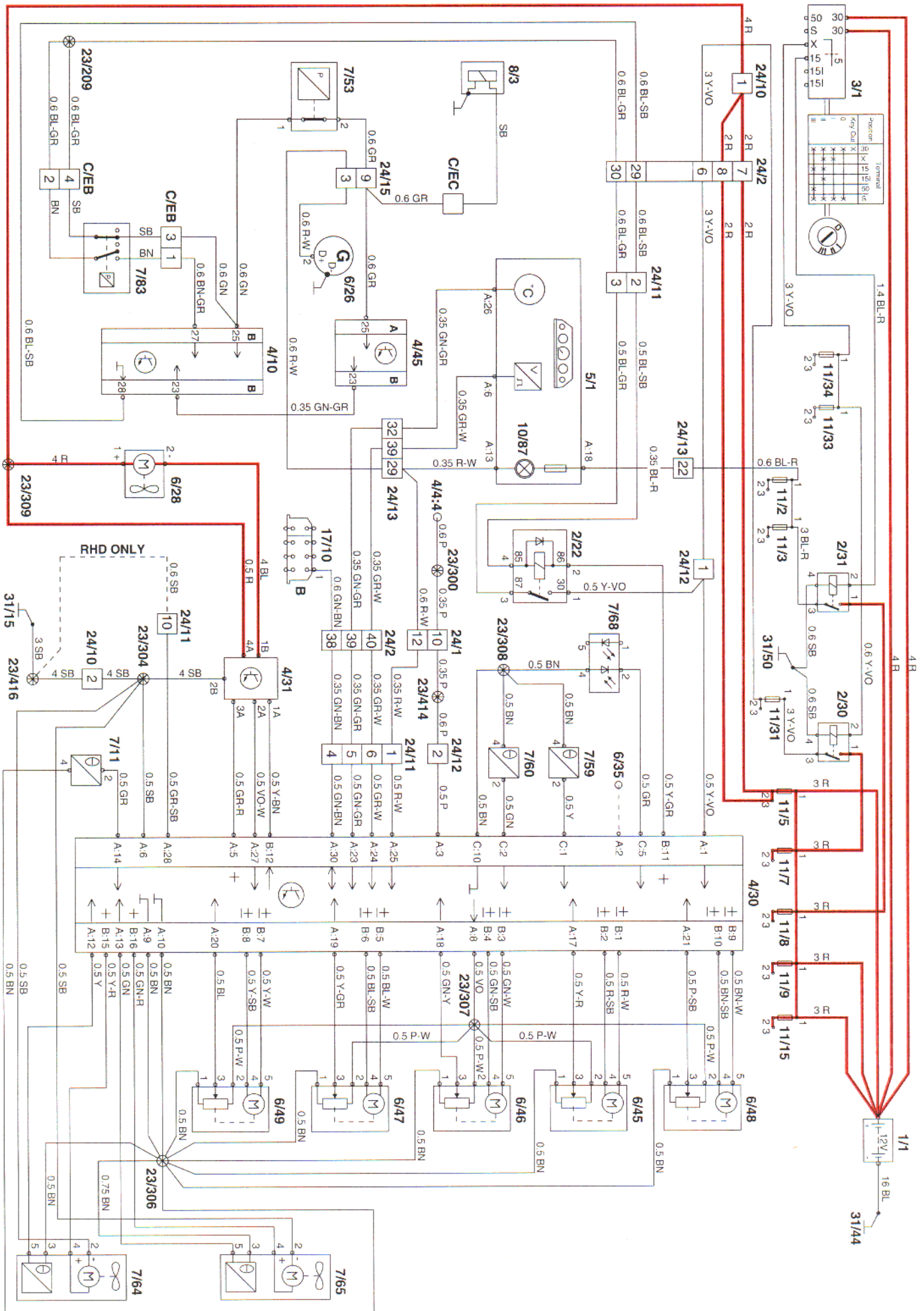


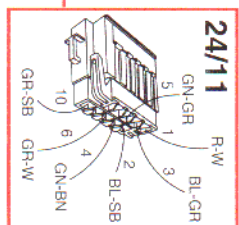
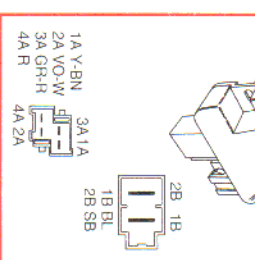
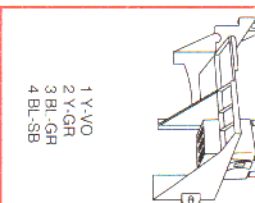
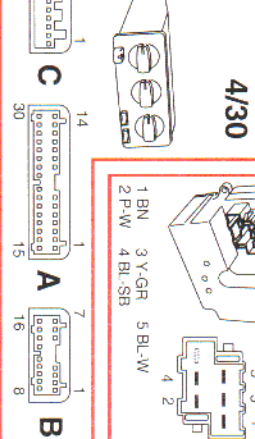
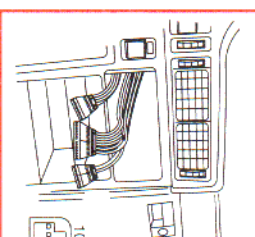
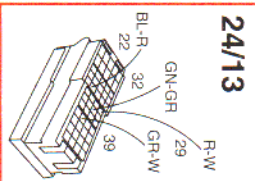
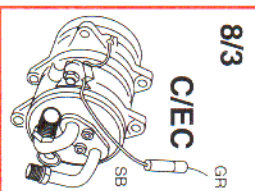
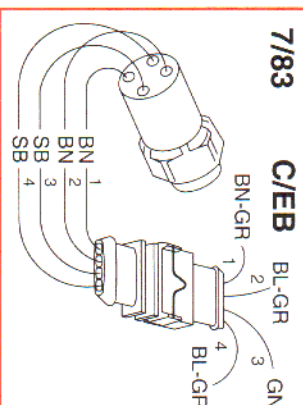
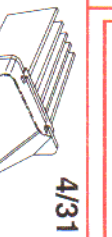
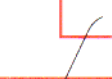
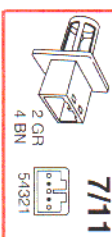
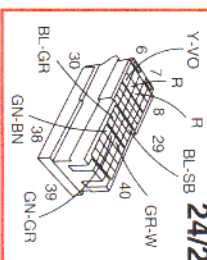
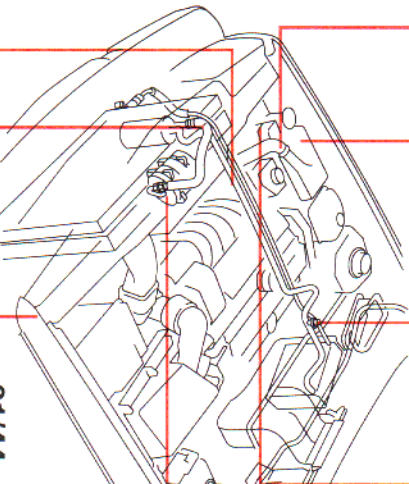
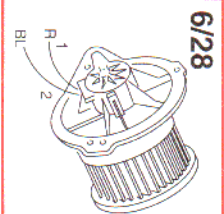
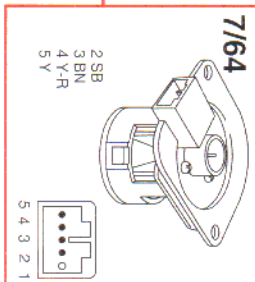
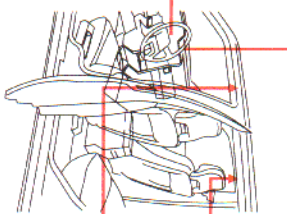
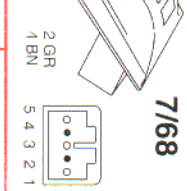
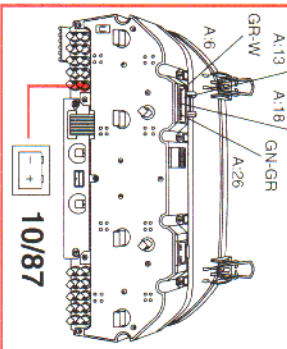
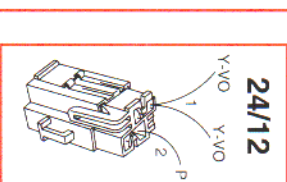
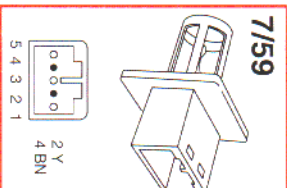
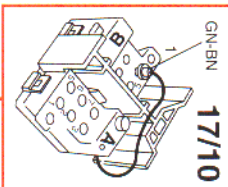
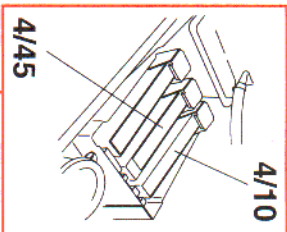
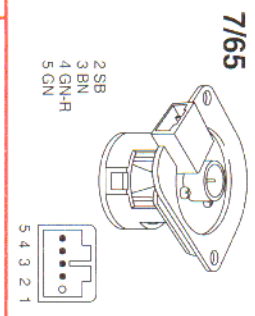
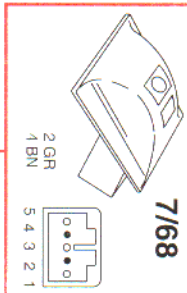
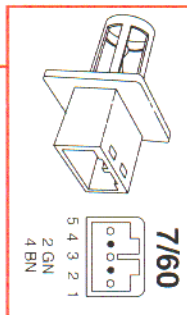
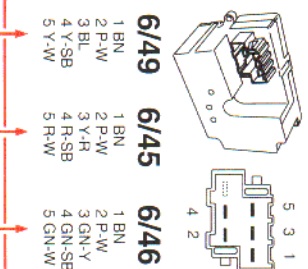
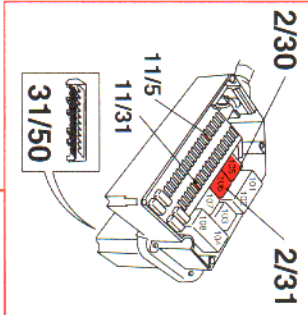
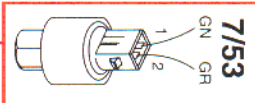
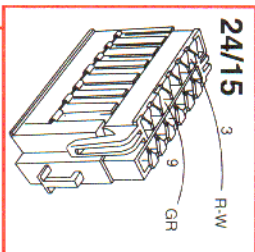
Manual climate unit MCC (Fenix 5.2 MFI, Motronic 4.3 SFI)



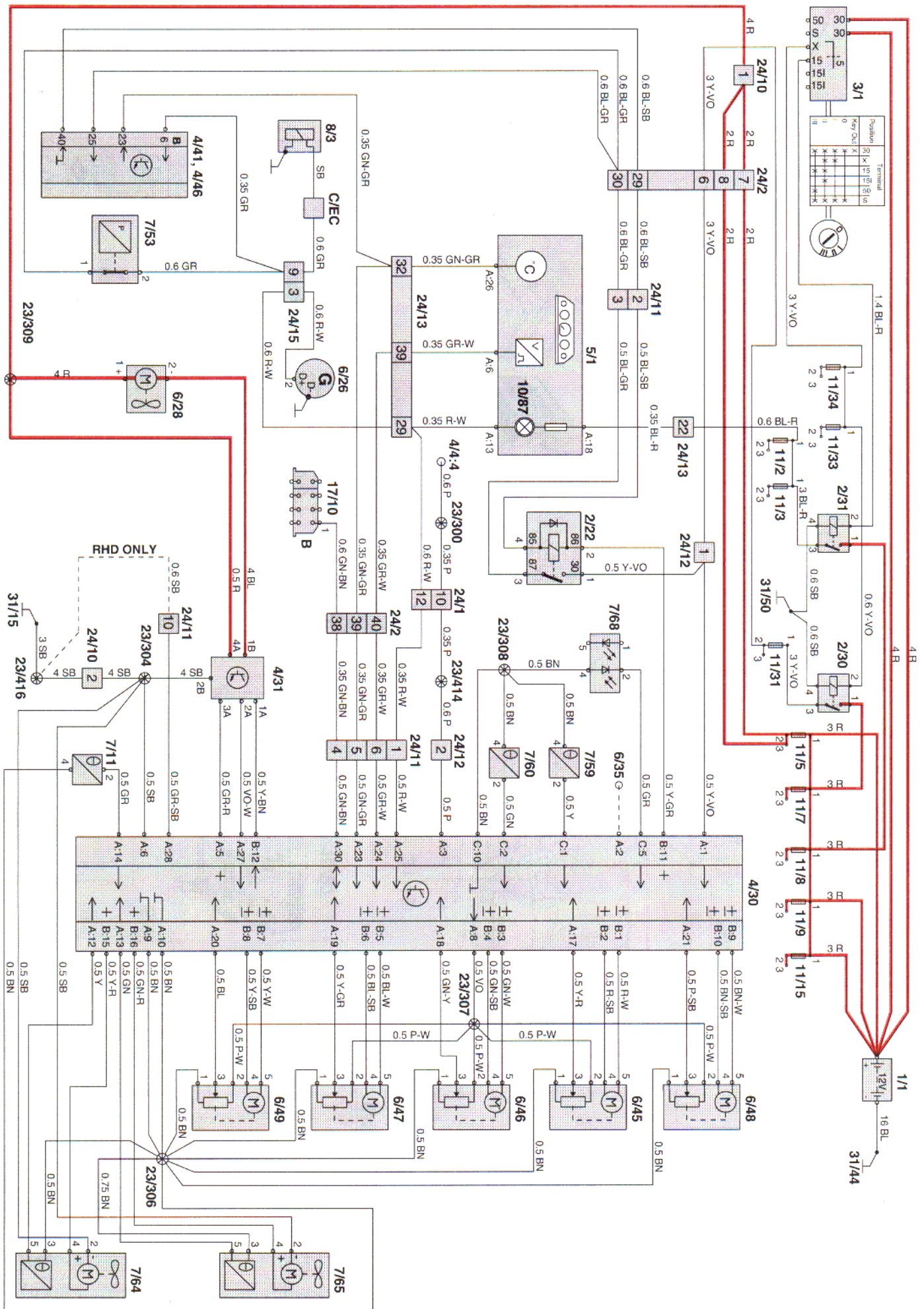


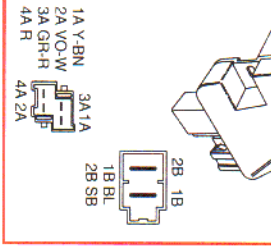
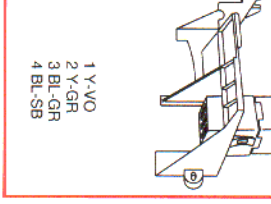
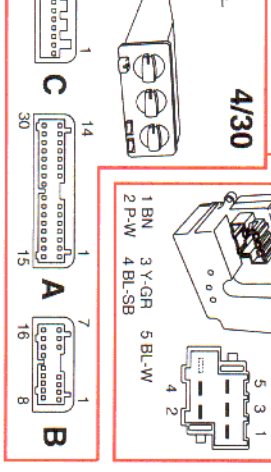
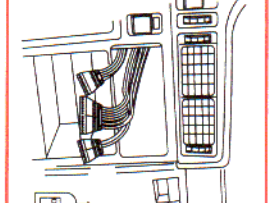
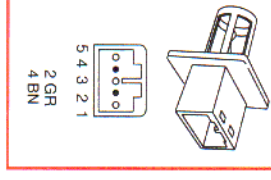
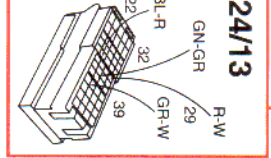
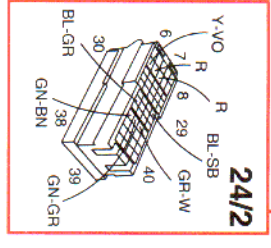
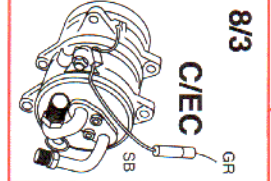
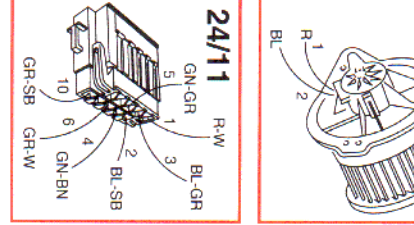
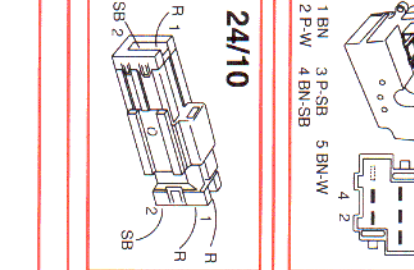
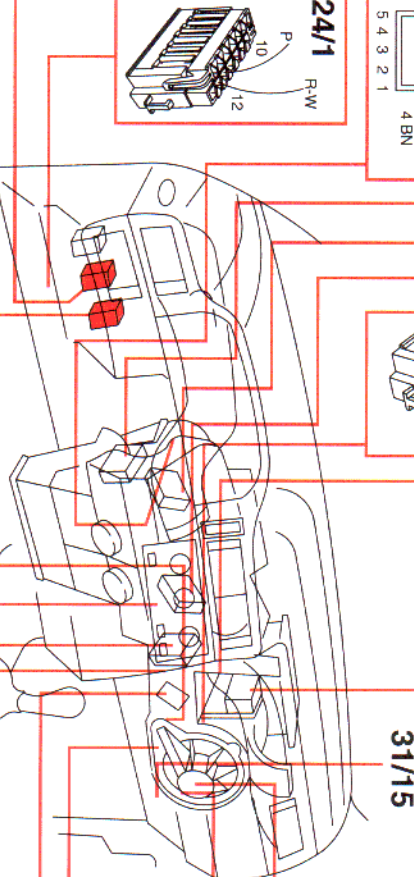
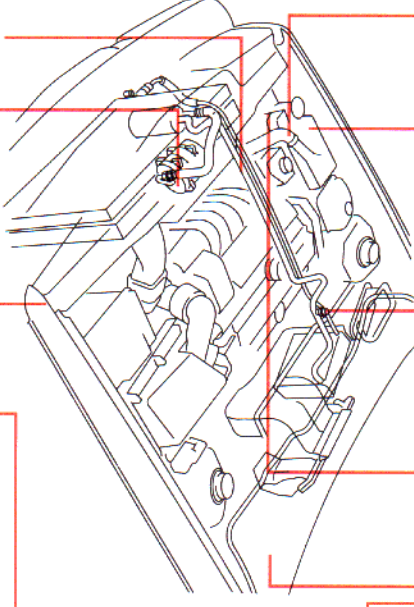
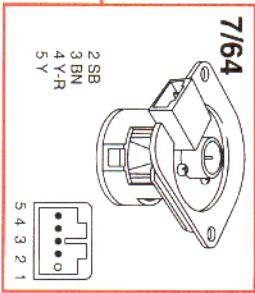
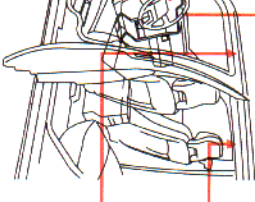
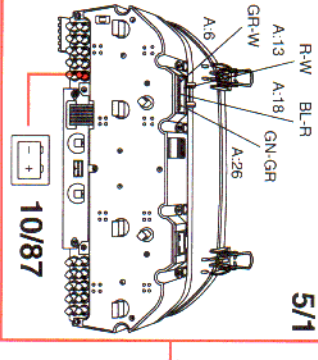
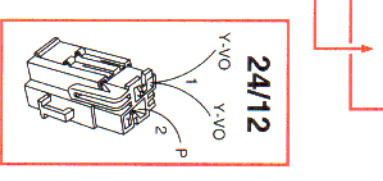
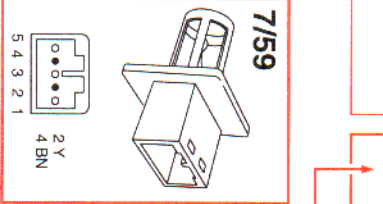
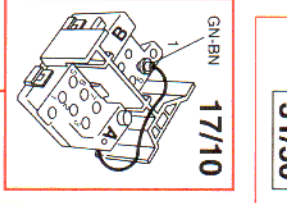
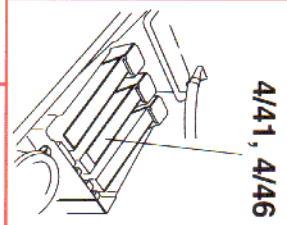
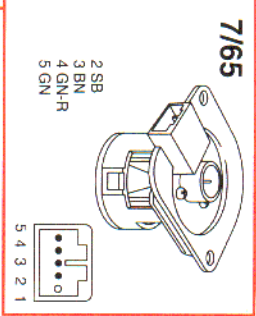
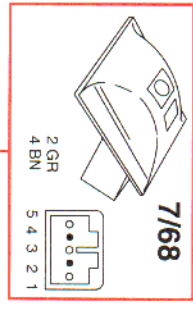
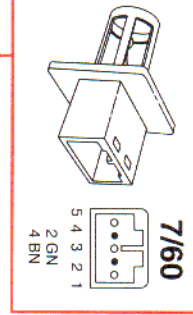
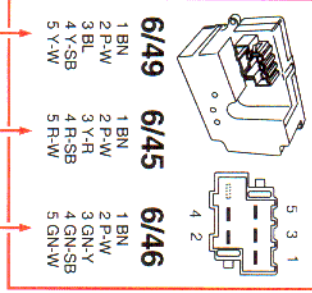
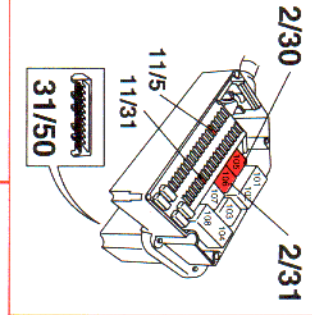
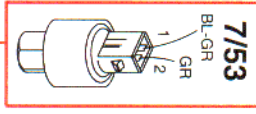
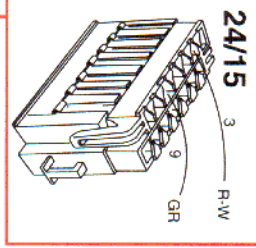
Electronic climate unit ECC (LH 3.2 & EZ 129 K)

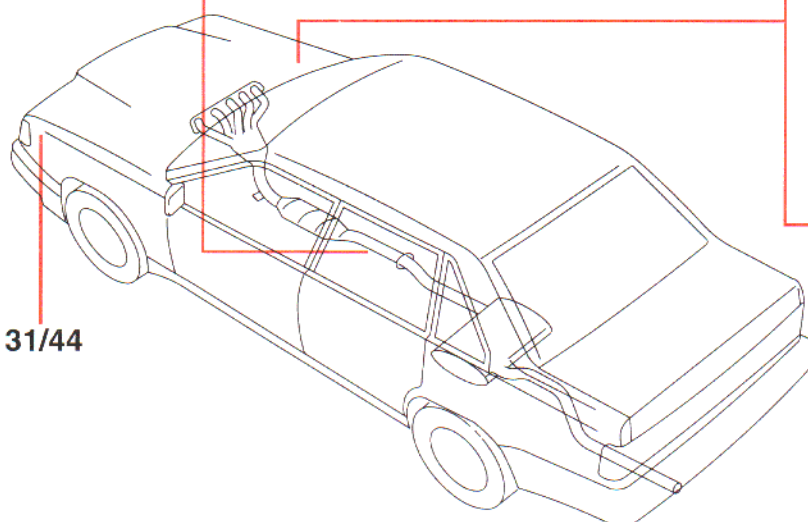
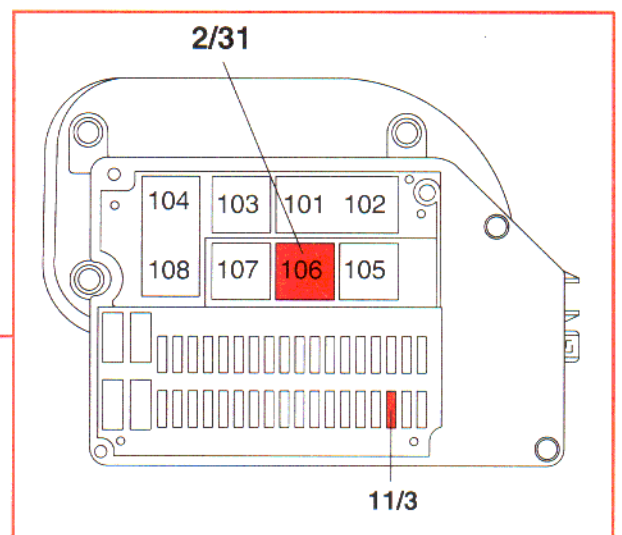
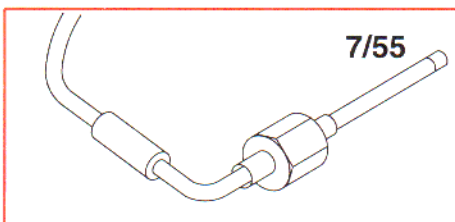
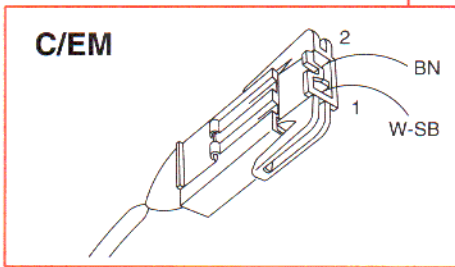
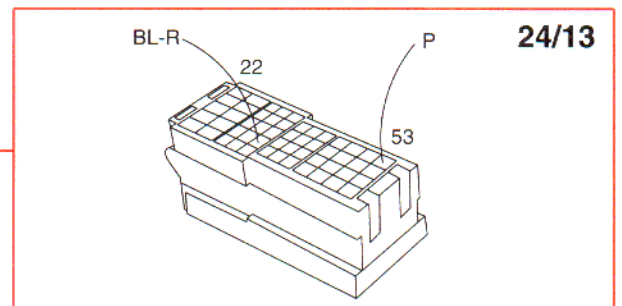
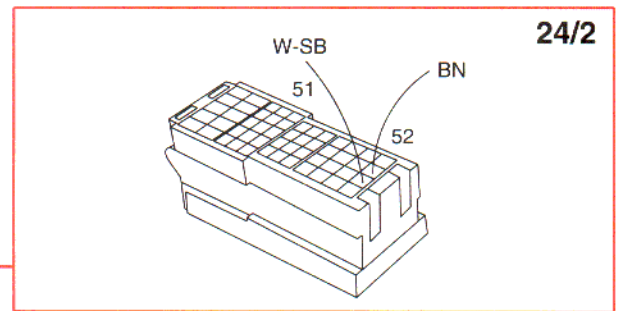
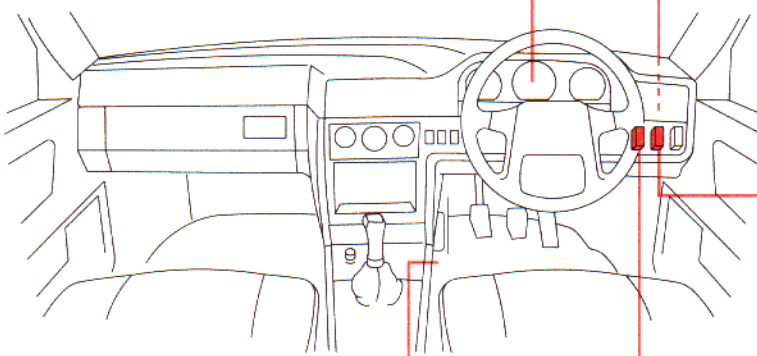
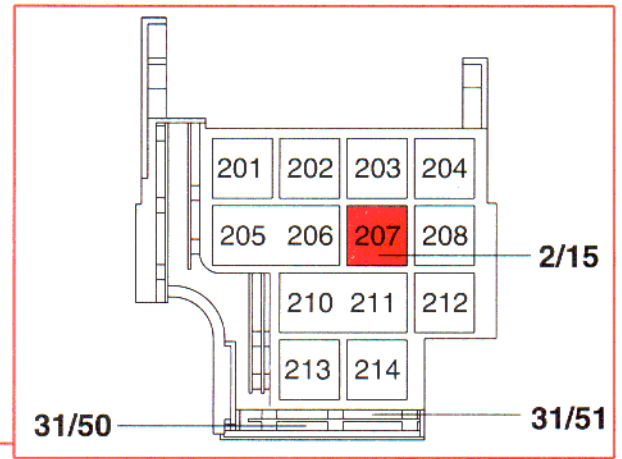
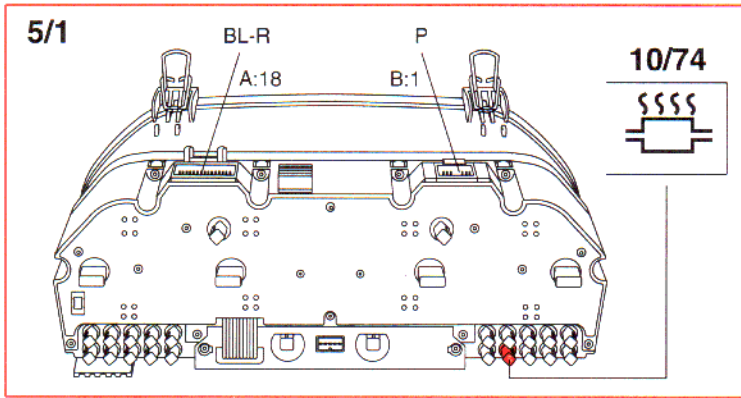


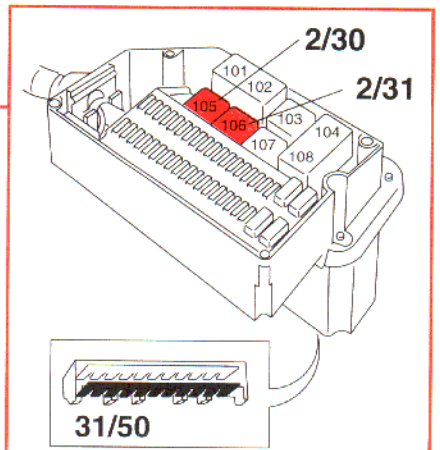
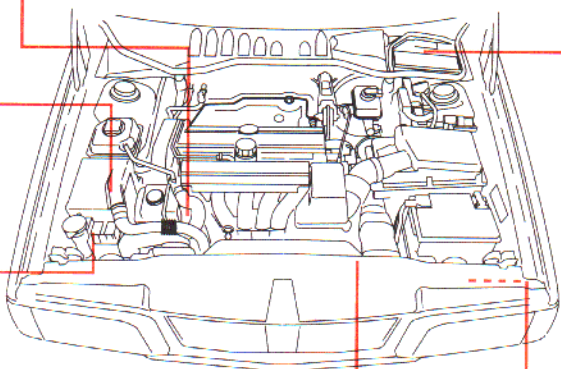
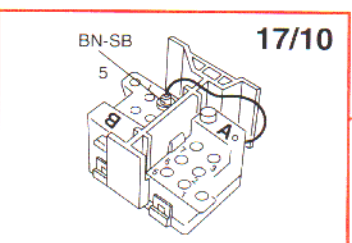
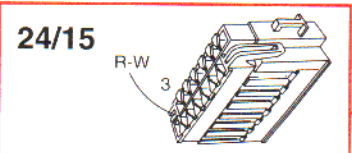
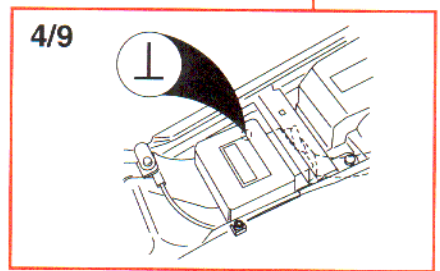
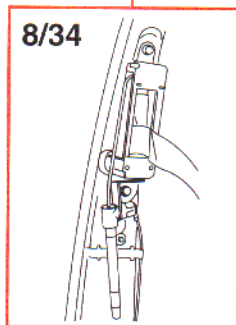
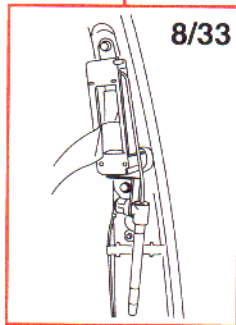
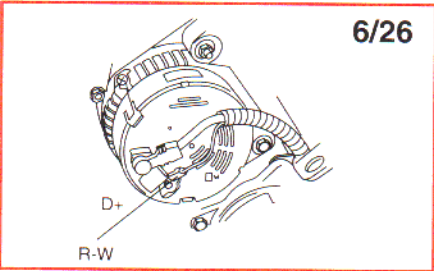
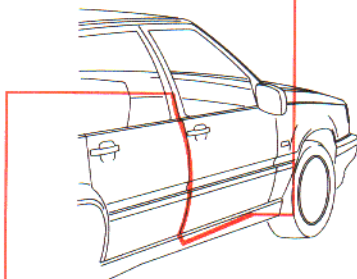
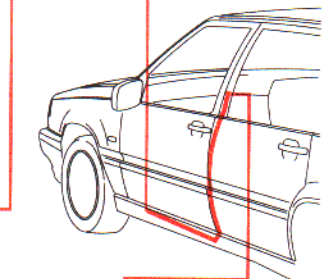
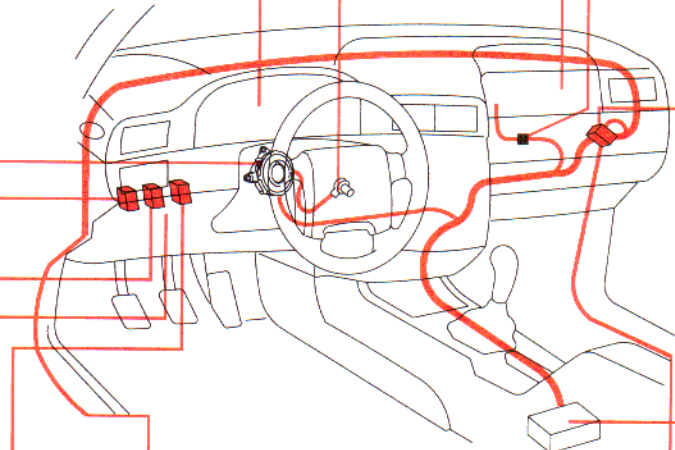
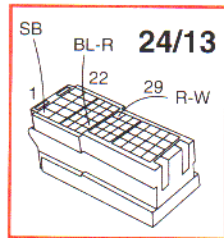
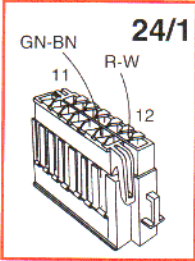
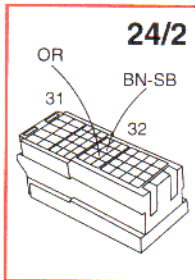
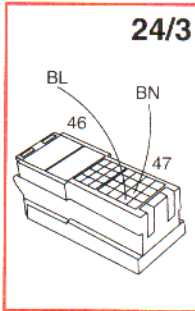
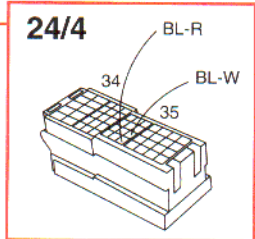
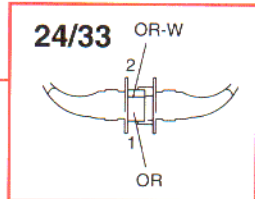
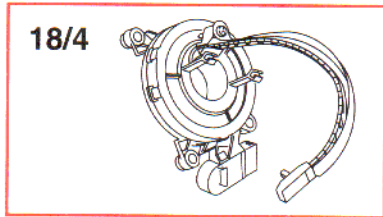
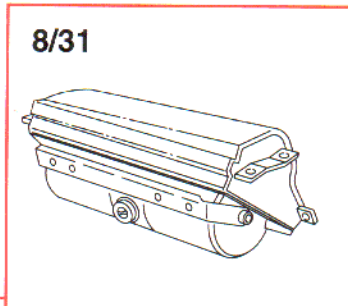
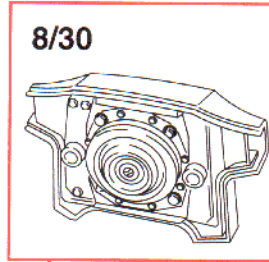
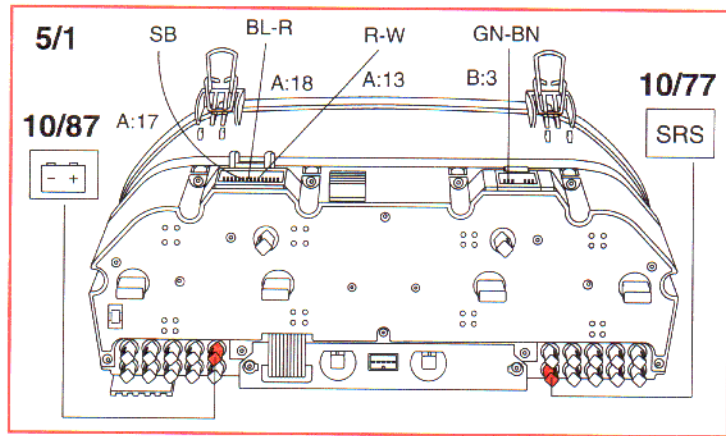


Electronic climate unit ECC (Fenix 5.2 MFI and Motronic 4.3 SFI)





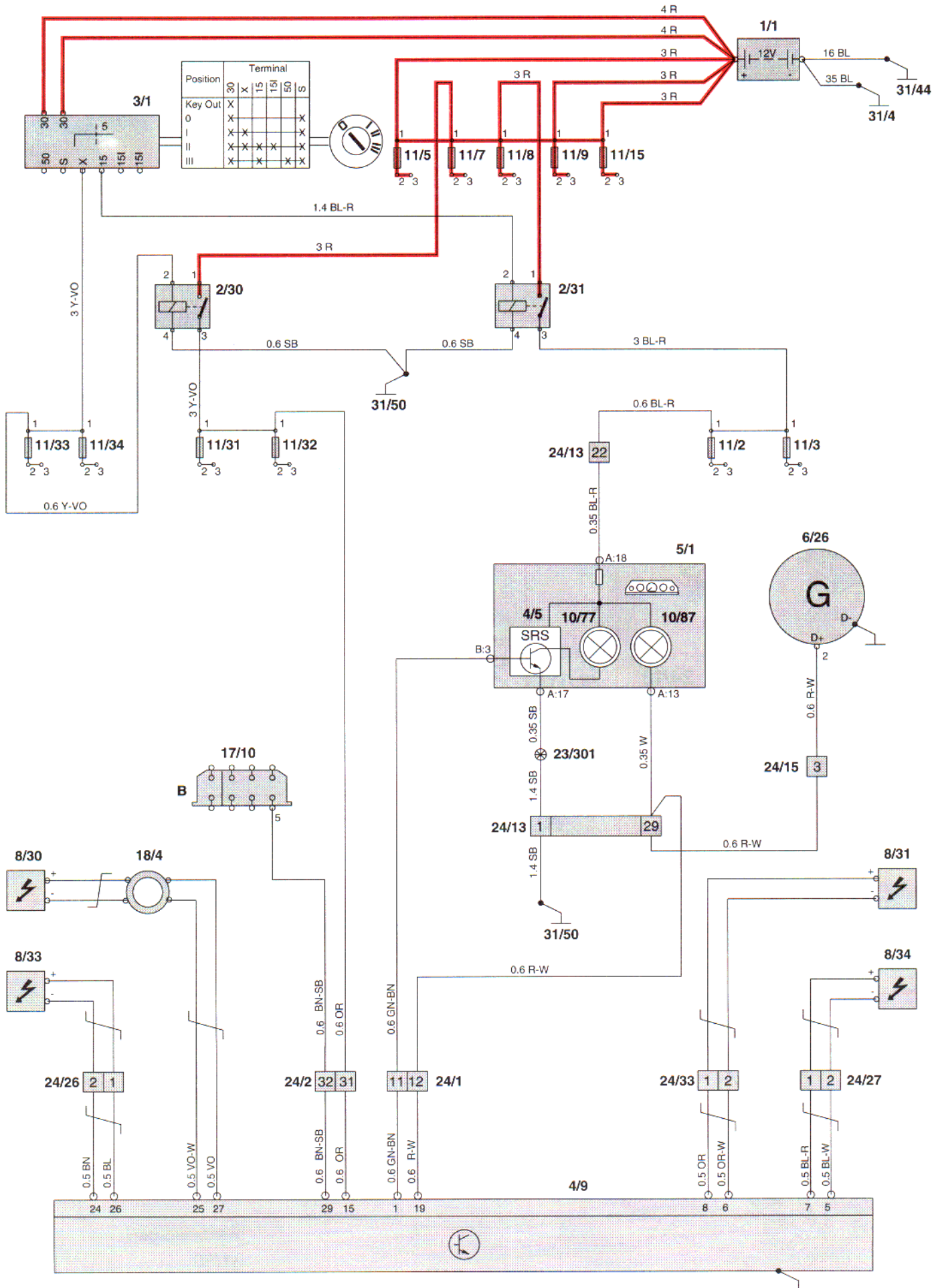


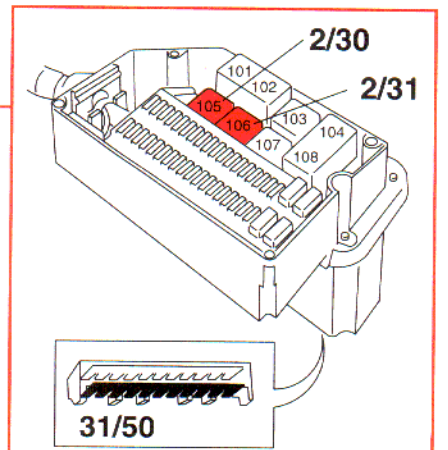
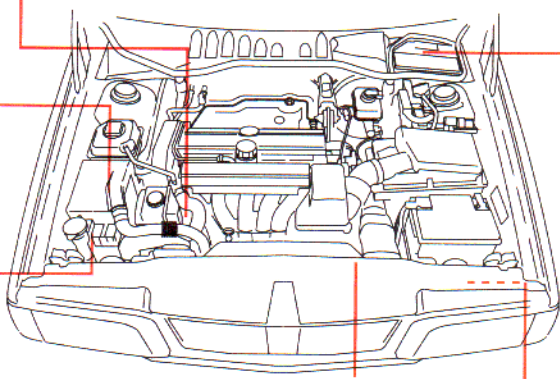
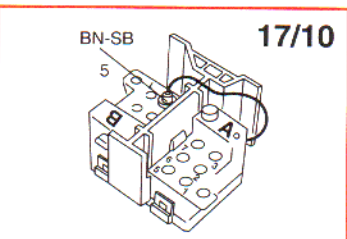
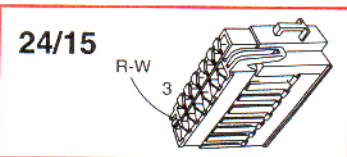
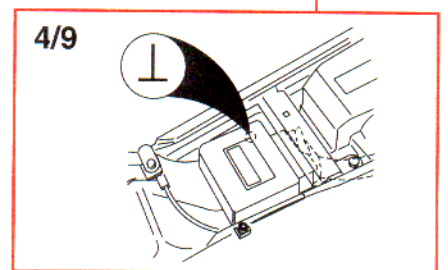
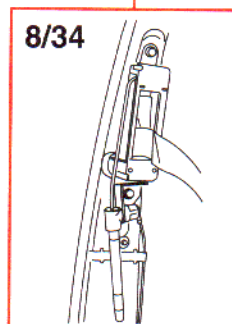
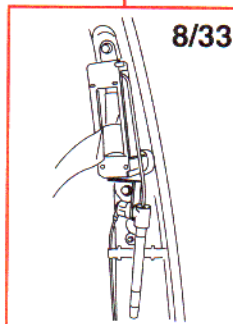
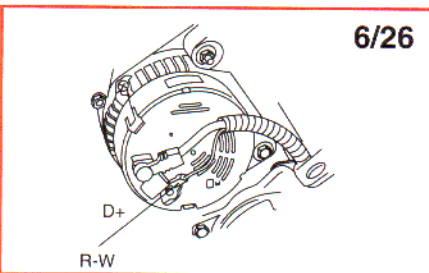
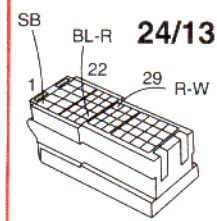
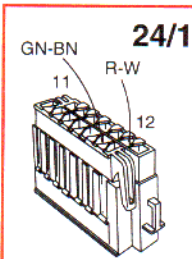
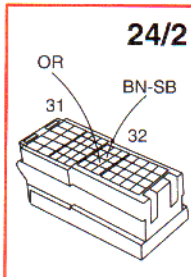
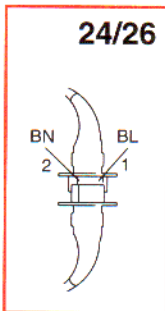
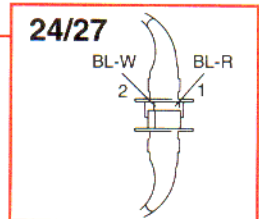
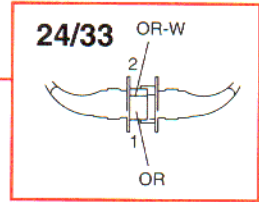
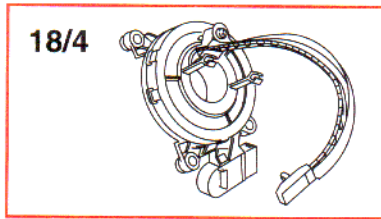
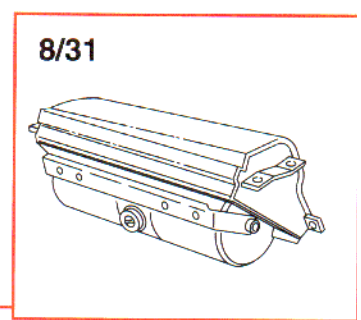
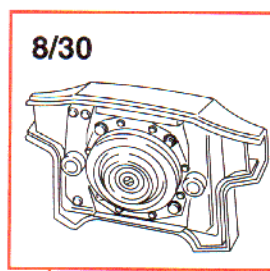
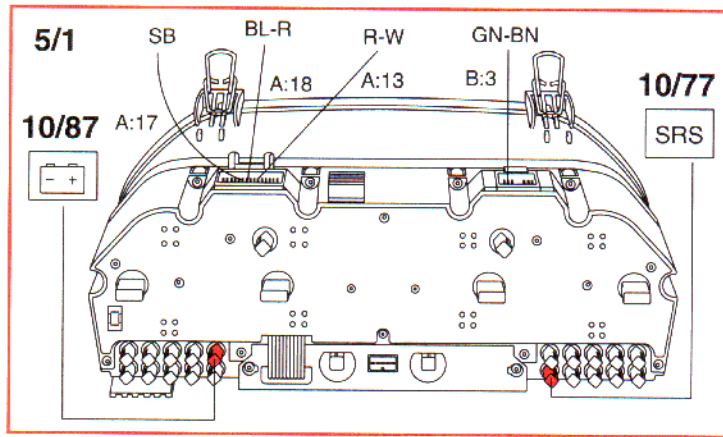


31/4

31/44

Supplemental Restraint System (SRS), USA/Canada





Component list

1/1	Battery	4/19	Remote control module, central lock/anti-theft alarm
2/1	Main headlight relay with bulb malfunction indicator	4/28	Control module, AW 50-42 automatic transmission
2/2	Fog light relay	4/29	Control module, left seat
2/3	Regulator, DIM-DIP	4/30	Control module, ECC
2/4	Windshield wiper intermittent relay	4/31	Power module, heater fan
2/5	Seatbelt reminder/key warning relay	4/33	Control module, power sunroof
2/7	Central lock/delayed courtesy lighting relay	4/34	Voltage regulator, 8 volts
2/11	Engine cooling fan relay	4/35	Voltage regulator, 5 volts
2/15	Relay, exhaust temperature sensor	4/36	Combined instrument microprocessor
2/16	Tailgate wiper intermittent relay	4/37	Control module, right seat
2/22	A/C relay	4/41	Control module, Fenix 5.2 MFI
2/23	Fuel pump relay	4/44	DI power stage and ignition coil
2/24	Fan relay, max.	4/45	Control module, LH 3.2 MFI
2/28	Alarm relay	4/46	Control module, Motronic 4.3 MFI
2/30	Overload relay X+	4/47	Ignition coil, Fenix 5.2 MFI
2/31	Overload relay 15+	4/48	Ignition power stage, Fenix 5.2 MFI
2/32	Main relay fuel system	5/1	Combined instrument
2/42	Combination relay ABS	5/2	Clock module
2/43	Heated rear seat relay	5/3	Ambient temperature/clock module
2/44	Relay, electrically heated rear window/door mirrors	5/4	Trip computer
2/47	Relay, deadlock setting	6/1	Windshield wiper motor
2/51	Speed warning	6/2	Washer motor front
2/53	Air pump relay	6/3	Right headlight wiper motor
2/60	Overload relay X+	6/4	Left headlight wiper motor
3/1	Ignition switch	6/15	Power sunroof motor
3/2	Light switch	6/24	Cruise control vacuum pump
3/3	Switch, turn signal/high and low beams	6/25	Starter motor
3/4	Controls, cruise control	6/26	Generator
3/6	Switch, hazard lights with flasher relay	6/28	Heater fan
3/8	Switch, el. heated rear window/door mirrors	6/29	Engine cooling fan
3/9	Brake light switch	6/30	Tailgate washer motor
3/10	Backup (reversing) light switch	6/31	Fuel pump
3/12	Switch, windshield wipers and washer	6/32	Tailgate wiper motor
3/13	Switch, tailgate washer and wiper	6/33	Fuel level sensor
3/25	Switch, power sunroof	6/34	Power antenna
3/37	Horn connectors	6/35	Parking heater
3/38	Contact, brake pedal	6/37	Central lock motor, tank cap
3/39	Contact, clutch pedal	6/38	Beam width control, left actuator
3/47	Handbrake switch	6/39	Beam width control, right actuator
3/54	REC and A/C switch	6/45	Servo motor, temperature shutter, driver's side
3/55	A/C panel lights	6/46	Servo motor, temperature shutter, passenger's side
3/56	Heater fan switch	6/47	Servo motor, floor and defroster shutter
3/57	Climate control	6/48	Servo motor, recirculation shutter
3/58	Switch, rear fog light	6/49	Servo motor, ventilation shutter
3/59	Beam width control	6/50	Motor, left seat backrest
3/61	Controls, trip computer	6/51	Motor, up/down front edge of left seat
3/62	Alarm switch, hood	6/52	Motor, up/down rear edge of left seat
3/63	Program selector, automatic transmission	6/53	Motor, fore/aft left seat
3/64	Switch for heated rear seat, left side	6/54	Air pump
3/69	Switch for heated rear seat, right side	6/58	Power window motor, left front door
3/71	Transmission range selector indicator	6/59	Power window motor, left rear door
3/72	Kick-down switch on throttle controls	6/60	Power window motor, right front door
3/74	Lock, left front	6/61	Power window motor, right rear door
3/75	Lock, right front	6/62	Power door mirror, left side
3/76	Lock, left rear	6/63	Power door mirror, right side
3/77	Lock, right rear	7/1	Bulb malfunction indicator, rear
3/78	Lock tailgate	7/4	Brake fluid level sensor
3/85	Power window switch, left rear door	7/5	Washer fluid level sensor
3/86	Power window switch, right rear door	7/6	Oil pressure sensor
3/87	Switch, power door mirror, left side	7/11	Ambient temperature sensor, ECC
3/88	Switch, power door mirror, right side	7/15	Heated oxygen sensor (HO2S) (Lambdasond), front
3/89	Control module, left seat	7/16	Engine temperature sensor
3/91	Switch, heated left seat	7/17	Mass air flow (MAF) sensor
3/92	Switch, heater right seat	7/21	Camshaft position sensor (CMP)
3/93	Seat belt lock, left seat	7/23	Knock sensor (KS), rear
3/94	Seat belt lock, right seat	7/24	Knock sensor (KS), front
3/95	Switch, TRACS	7/25	Pulse sensor
3/97	Switch, auto-down relay, power window	7/31	ABS sensor, left front
3/99	Front fog light switch	7/32	ABS sensor, right front
4/3	Control module, cruise control	7/33	Speedometer sensor
4/4	Rheostat	7/37	Temperature sensor, EGR
4/5	Safety circuit SRS	7/43	Thermostat, left seat
4/9	SRS sensor module	7/44	Thermostat, right seat
4/10	Control module EZK (DI) ignition system	7/47	PTC resistor, pre-heater
4/15	DI power stage and ignition coil	7/50	A/C pressure sensor
4/16	ABS control module	7/53	Pressostat, A/C

7/54	Throttle position (TP) sensor	10/54	Lamp, left turn signal, rear
7/55	Thermoelement, 3-way catalytic converter (TWC)	10/55	Left back-up light
7/56	Sensor ABS left rear	10/64	Right high beam
7/57	Sensor ABS right rear	10/66	Right low beam
7/58	Pedal sensor ABS	10/68	Left high beam
7/59	Temperature sensor, left duct	10/70	Left low beam
7/60	Temperature sensor, right duct	10/72	Ashtray lighting, front
7/64	Cabin temperature sensor, driver's side	10/74	Indicator lamp, exhaust gas temperature
7/65	Cabin temperature sensor, passenger's side	10/77	Indicator lamp, SRS
7/66	Rear seat thermostat, left side	10/79	Indicator lamp, winter program and low gear (automatic transmission)
7/67	Rear seat thermostat, right side	10/82	Indicator lamp, ABS
7/68	Solar sensor ECC/indication LED - anti-theft alarm	10/83	Indicator lamp, hand brake
7/69	Ambient temperature sensor, trip computer	10/84	Brake warning lamp
7/73	Coolant level sensor	10/85	Warning light, high beam
7/77	Intake air temperature sensor (IAT sensor)	10/86	Oil pressure warning lamp
7/79	Accelerometer	10/87	Indicator lamp, charging
7/81	Pressure sensor, intake manifold	10/88	Indicator light, bulb malfunction indicator
7/82	Heated oxygen sensor (HO2S) (Lambdasond), rear	10/89	Indicator lamp, rear fog lights
7/83	High-pressure sensor, A/C	10/90	Washer level warning lamp
8/3	Solenoid coupling A/C	10/91	Service reminder indicator
8/5	IAC idling valve	10/94	Indicator lamp, right turn signal
8/6-10	Injectors	10/95	Indicator lamp, left turn signal
8/15	Hydraulic unit ABS	10/96	Instrument lighting
8/17	EGR converter	10/97	Entry lighting, driver's side
8/18	EVAP valve	10/98	Ashtray lighting, rear
8/28	Turbo control valve	10/102	Entry lighting, passenger side
8/30	Steering wheel module SRS	10/105	Fuel level warning lamp
8/31	SRS passenger module	10/106	Check engine (malfunction indicator lamp) warning lamp
8/33	Igniter, left belt tensioner	10/107	Indicator lamp, TRACS
8/34	Igniter, right belt tensioner	10/108	Extra brake light, spoiler
8/36	Solenoid, P-shift lock	10/109	Indicator lamp, trailer
8/43	Solenoid, aux. air intake	10/110	Coolant level warning lamp
8/45	Solenoid, variable intake manifold	10/113	Alarm warning LED
9/1	Cigarette lighter	10/114	Vanity mirror lighting, left side
9/2	Heated rear window	10/115	Vanity mirror lighting, right side
9/3	Backrest heater pad, left seat	11/1-40	Fuses
9/4	Backrest heater pad, right seat	15/2	30 rail in central electrical unit
9/5	Seat heater pad, left seat	15/4	151 rail in central electrical unit
9/6	Seat heater pad, right seat	15/8	X rail in central electrical unit
9/8	Seat heater pad, left rear seat	16/1	Radio
9/9	Backrest heater pad, left rear seat	16/3	Loudspeaker right front door
9/10	Seat heater pad, right rear seat	16/4	Loudspeaker left front door
9/11	Backrest heater pad, right rear seat	16/5	Loudspeaker right rear door
10/1	Left front light	16/6	Loudspeaker left rear door
10/2	Right front light	16/7	Loudspeaker, instrument panel, right side
10/5	Left front fog light assy.	16/8	Loudspeaker, instrument panel, left side
10/6	Right front fog light assy.	16/9	Antenna
10/9	Left parking light and turn signal, front	16/10	Horn 1
10/10	Right parking light and turn signal, front	16/11	Horn 2
10/11	Left parking light, front	16/16	Antenna booster
10/12	Right parking light, front	16/17	Loudspeaker, rear shelf/D-post, left side
10/13	Left turn signal, front	16/18	Loudspeaker, rear shelf/D-post, right side
10/14	Right turn signal, front	16/19	Alarm signal
10/15	Left side indicator light	17/1	Service socket for starter motor
10/16	Right side indicator light	17/7	OBD (Diagnostic) socket A
10/17	Right tail light	17/10	OBD (Diagnostic) socket B
10/18	Left tail light	17/13	OBDII (Diagnostic) socket
10/19	High-level brake light	18/4	Contact reel, SRS
10/20	License plate light	19/1	Temperature gauge
10/22	Inside light, ceiling	19/2	Tachometer
10/24	Trunk lighting	19/3	Speedometer
10/26	Reading light, left rear	19/5	Fuel gauge
10/27	Reading light, right rear	19/6	Exciter, tachometer
10/29	Glove box lighting	19/7	Exciter, speedometer, temperature gauge, fuel gauge
10/30	Warning lamp, left front door	20/2	Distributor
10/31	Warning lamp, right front door	20/3-7	Spark plugs
10/32	Warning lamp, left rear door	20/11	Ballast resistor
10/33	Warning lamp, right rear door	20/18	Resistor, heater fan
10/37	Cigarette lighter illumination	23/0-601	Branching points
10/40	Gear selector light		
10/43	Right brake light		
10/44	Right parking light, rear		
10/45	Right parking/taillight		
10/46	Right rear fog light		
10/47	Lamp, right turn signal, rear		
10/48	Right back-up light		
10/50	Left brake light		
10/51	Left parking light rear		
10/52	Left parking/taillight		
10/53	Left rear fog light		

24/1	Connector, 14-pin Instrument panel harness - Firewall harness	C/BA	Connector, 2-pin, at fuel pump
24/2	Connector, 53-pin Engine compartment harness - Firewall harness	C/BB C/BC	Connector, 2-pin, fuel gauge Connector, 4-pin, power antenna/booster
24/3	LHD cars: Connector, pos. 26-53 in 53-pin RHD cars: Connector, 53-pin Firewall harness - Door sill harness, left	C/CE C/CF C/CG C/CH C/CJ C/CK	Connector, 2-pin, heated left seat Connector, 2-pin, heated left seat Connector, 2-pin, heated right seat Connector, 2-pin, heated right seat Connector, 6-pin, cruise control Connector 14-pin, power windows
24/4	Connector, pos. 1-37 in 53-pin Firewall harness - Door sill harness, right	C/CL C/CM	Connector, 6-pin, tailgate wash/wipe Connector, 2-pin, heated rear seat, left side
24/5	Connector, 24-pin Firewall harness - Left front door harness	C/CN C/CP	Connector, 2-pin, heated rear seat, left side Connector, 2-pin, heated rear seat, right side
24/6	Connector, 24-pin Firewall harness - Right front door harness	C/CQ C/CR	Connector, 2-pin, heated rear seat, right side 14-pin connector, audio
24/7	Connector, 14-pin Firewall harness - Tunnel harness	C/CS C/EA	10-pin connector, audio Connector, 1-pin, engine cooling fan
24/9	Connector, 4-pin Firewall harness - Ceiling harness	C/EB C/EC	Connector, 4-pin, high pressure sensor, A/C Connector, 1-pin, solenoid switch A/C
24/10	Connector, 2-pin Firewall harness - heater fan / A/C unit	C/ED C/EG	Connector, 15-pin, ABS 2-pin connector, engine coolant temperature sensor
24/11	Connector, 10-pin Firewall harness - A/C unit	C/EH C/EJ	Connector, 3-pin, camshaft position sensor (CMP) Connector, 2-pin, impulse sensor
24/12	Connector, 4-pin Firewall harness - heater fan / A/C unit	C/EK C/EL	Connector, 2-pin, windshield wiper motor Connector, 3-pin, windshield wiper motor
24/13	Connector, 53-pin Engine compartment harness - Instrument panel harness	C/EM C/EN C/EP	Connector, 2-pin at tunnel Connector, 2-pin, EGR temp. sensor Connector, 4-pin, heated oxygen sensor (HO2S) (Lambdasond), front
24/14	Connector, pos. 1-25 in 53-pin Engine compartment harness - Door sill harness, left	C/EQ	Connector, 4-pin, heated oxygen sensor (HO2S) (Lambdasond), rear
24/15	Connector, 14-pin Engine compartment harness - Engine harness	K/1	Relay, auto-down power window
24/16	Connector, 26-pin Engine compartment harness - Front harness		
24/17	Connector, 11-pin Rocker panel (door sill) harness, left - Left rear door harness		
24/18	Connector, 11-pin Rocker panel (door sill) harness, right - Right rear door harness		
24/19	Connector, 4-pin Rocker panel (door sill) harness, right - Rear wheel sensor harness		
24/20	Connector, 4-pin Firewall harness - Power sunroof harness		
24/21	Connector, 6-pin Rocker panel (door sill) harness, left - left seat		
24/22	Connector, 6-pin Rocker panel (door sill) harness, right - right seat		
24/25	Connector, 14-pin Rocker panel (door sill) harness, left - trunk harness		
24/26	Connector, 2-pin Firewall harness - belt tensioner igniter harness, left side		
24/27	Connector, 2-pin Firewall harness - belt tensioner igniter harness, right side		
24/29	Connector, 2-pin at firewall		
24/33	Connector, 2-pin Firewall harness - passenger module harness		
24/34	Connector pos. 38-53 in 53-pin Engine compartment harness - Firewall harness		
24/35A	Connector 8-pin accessories		
24/35B	Connector 1-pin accessories		
24/37	Connector, 6-pin Firewall harness - switch harness heated rear seat		
24/42	Connector, 2-pin, accessories		
25/9	Front fog lights, bridge		
31/4	Ground point, engine (ground connection battery - engine)		
31/7	Ground point, A-post driver's side		
31/11	Ground point, trunk, left side		
31/12	Ground point, trunk, right side		
31/15	Ground point, A-post passenger's side		
31/32	Ground point on engine (power ground)		
31/33	Ground point on engine (signal ground)		
31/44	Ground point, engine compartment (ground connection battery - body)		
31/47	Ground point, left cross member		
31/48	Ground point, right cross member		
31/50	Ground point, central electrical unit (power ground)		
31/51	Ground point, central electrical unit (signal ground)		
31/52	Ground point, DI power stage and ignition coil		
31/55	Ground point, engine cooling fan		
31/65	Ground point, steering column		