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TP 31075/1

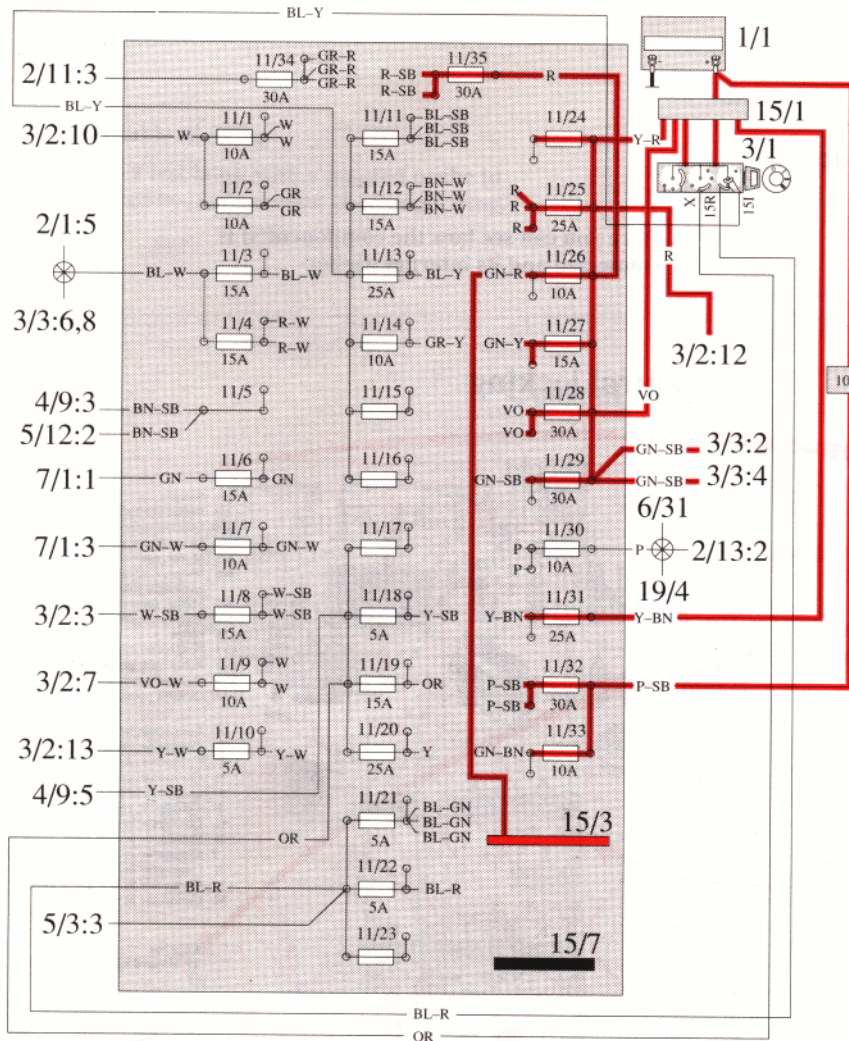
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Central electrical unit and fuses



- 1/1 Battery
 - 2/1 Headlight relay
 - 2/11 Relay, electric cooling fan
 - 2/13 Relay, LH-jetronic
 - 3/1 Ignition switch
 - 3/2 Light switch
 - 3/3 High/low beam switch
 - 4/9 Impact sensor, SRS
 - 5/3 3-pole connector, instrument panel
 - 5/12 12-pole connector, instrument panel
 - 6/31 Fuel pump
 - 7/1 Bulb failure warning sensor
 - 11/1-35 Fuses
 - 15/1 Positive terminal
 - 15/3 30-terminal, fuse box
 - 15/7 Ground terminal at door connector
 - 19/4 Clock
- A Connector, left A-post (connector, right A-post, B280F)

Fuse No.	Circuit
1	Left parking lights, license plate lights
2	Right parking lights
3	High beam, left
4	High beam, right
5	Test socket, SRS
6	Low beam, left
7	Low beam, right
8	Fog lights, front
9	Fog lights, rear
10	Instrument and control panel lights
11	Back-up lights Direction indicators Cruise control
12	Spare
13	Heated rear window Heated rear door mirrors

Fuse No.	Circuit
14	15-terminal, relay unit <ul style="list-style-type: none">- Bulb failure warning sensor, rear- Overdrive- Power windows- Power sun roof- Seat belt reminder
15	Spare
16	Spare
17	Spare
18	Radio
19	ECC <ul style="list-style-type: none">Power door mirrorsTailgate wiperPower seatsCigarette lighter
20	Horn
21	Spare
22	Spare

Fuse No.	Circuit
23	Spare
24	Spare
25	4-way hazard warning flasher Central locking system
26	30-terminal fuse box – Clock – Interior lights – Door open lights
27	Brake lights
28	Heater blower, ECC ECC
29	Power antenna Trailer lights
30	Fuel pump, tank Lambda-sond
31	Fuel injection Fuel pump, main
32	Radio amplifier
33	Radio
34	Power windows Power sun roof
35	Heated seats Power seats

How to use the diagrams

First find the page number of the component you wish to locate, the index is at the back of the manual.

For instance, if you want to look at the central locking system – then refer to page 72.

Here you can see how the component(s) is connected and its internal wiring.

Main component

the numbers of the fuse protecting the circuit. Also given are any other systems which can be used to check if the fuse has blown.

Color code:

- SB = Black

GR = Grey

W = White

R = Red
- BN = Brown

Y = Yellow

P = Pink

BL = Blue
- GN = Green

OR = Orange

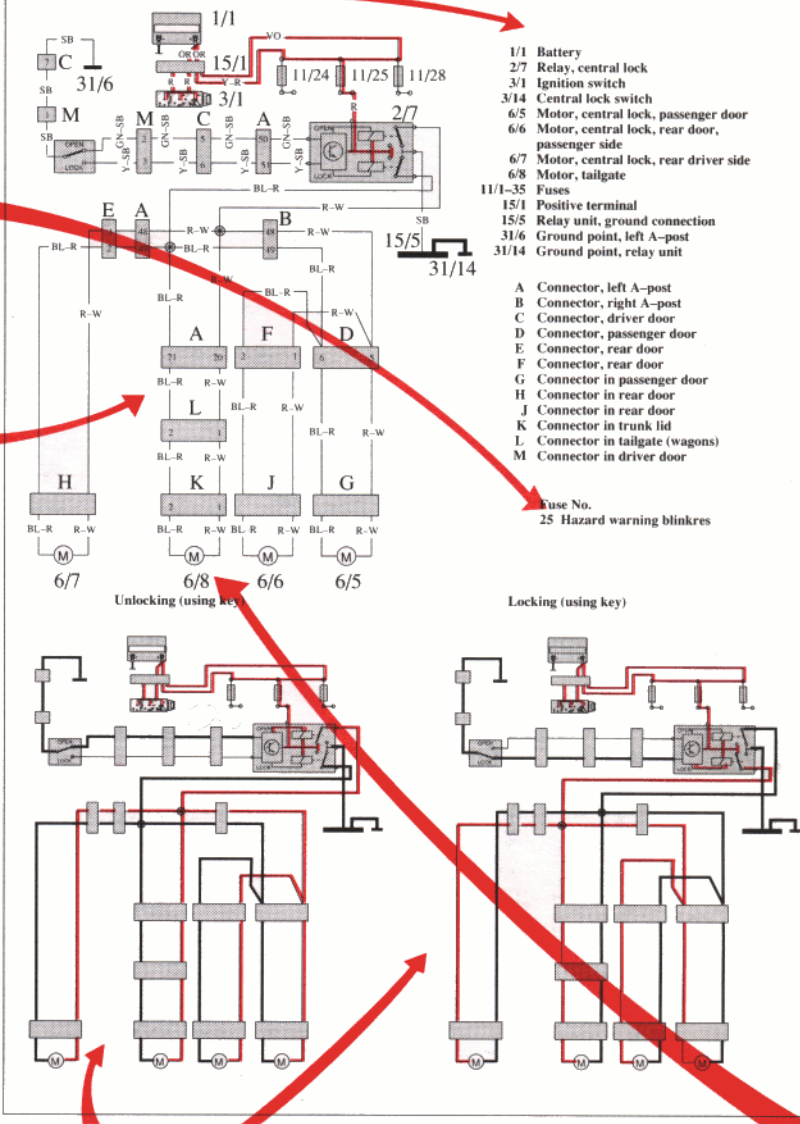
VO = Violet

CU = Copper
- BL-R = Blue – Red

Color code

- = without potential
- = ground
- = circuit potential
- = potential lower than circuit potential

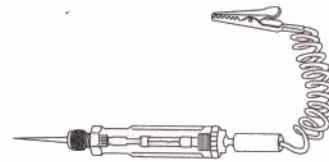
Central locking



How to use the diagrams

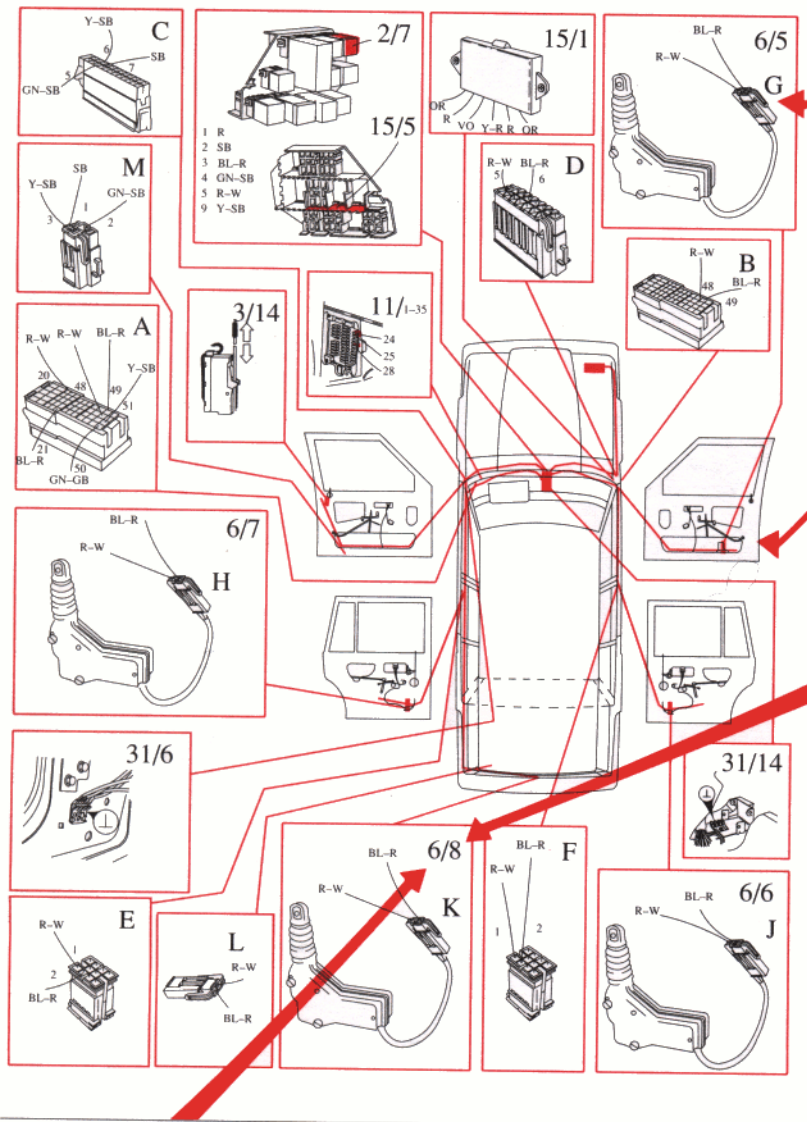
Trouble shooting

Use a test lamp with a pointed probe to pierce insulation when checking wiring.



Test lamp

Central locking



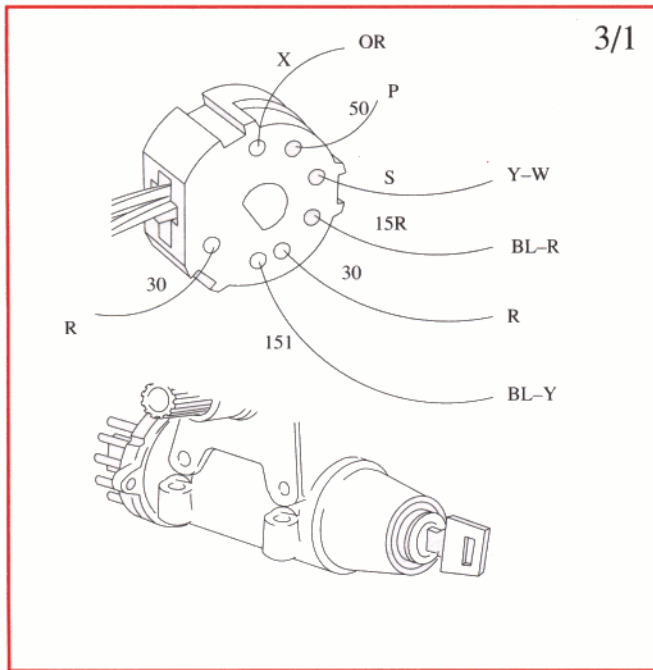
Here you can see how the different leads are connected to the component.

You can also see the location of the main components and the wiring.

By using the coordinate and number of the component you can locate the component in the general wiring diagram inside the back cover.

Its easy using the component number to go from the illustration to the actual diagram.

Ignition switch and relays



Ignition switch

Inputs

30: 2X feeds from battery via positive terminal

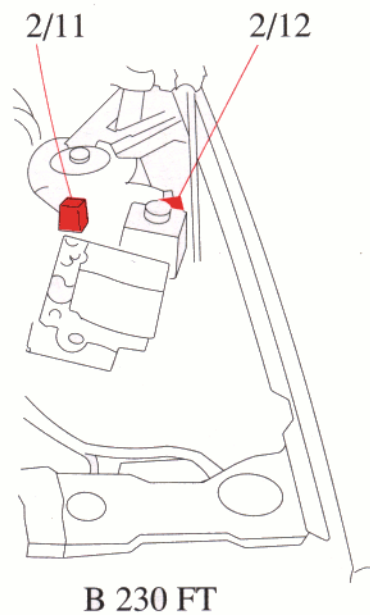
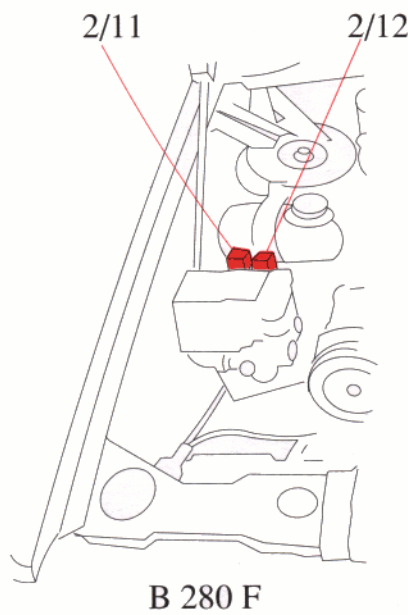
Outputs

Key position

Voltage at connection:

0 Off	S
I Radio	X,S
II Drive	X,15R,15I,S
III Start	15R,50;S

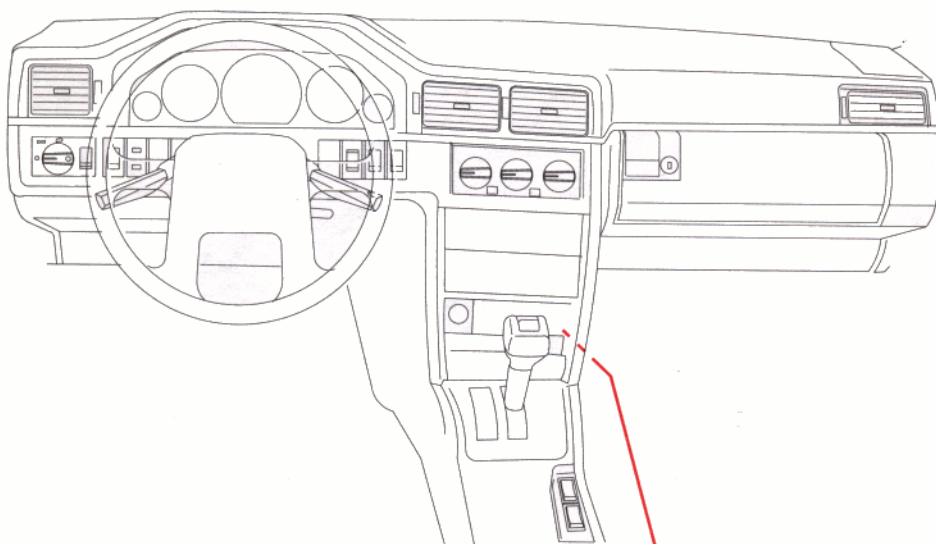
Relays in engine compartment



2/11 Relay, electric cooling fan

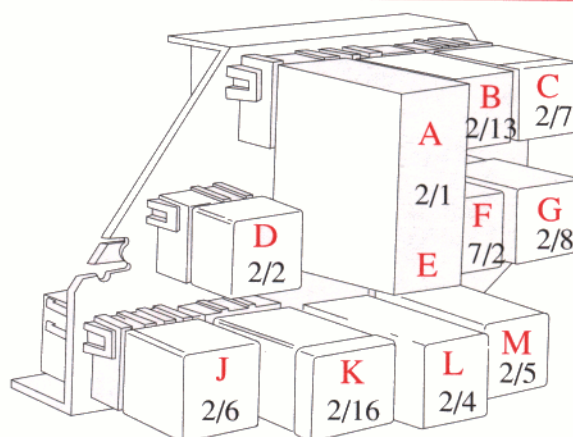
2/12 Relay, radio interference suppression

Relays



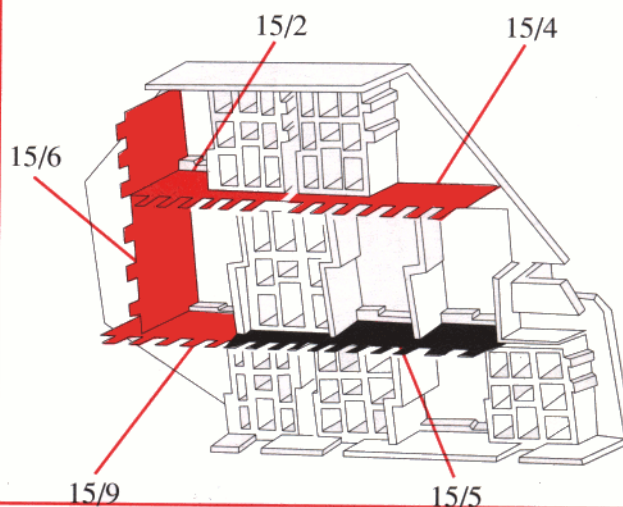
Relays in relay unit

- A,E Headlight relays (2/1)
- B LH-jetronic (2/13)
- C Central locking system (2/7)
- D Fog lights (2/2)
- F Bulb failure, warning sensor, front (7/2)
- G Overdrive (2/8)
- J Headlight relay, 15I
- K Tailgate wiper intermittent wipe (2/16)
- L Windshield wipers intermittent wipe (2/4)
- M Seat belt reminder (2/5)



Connectors in relay unit

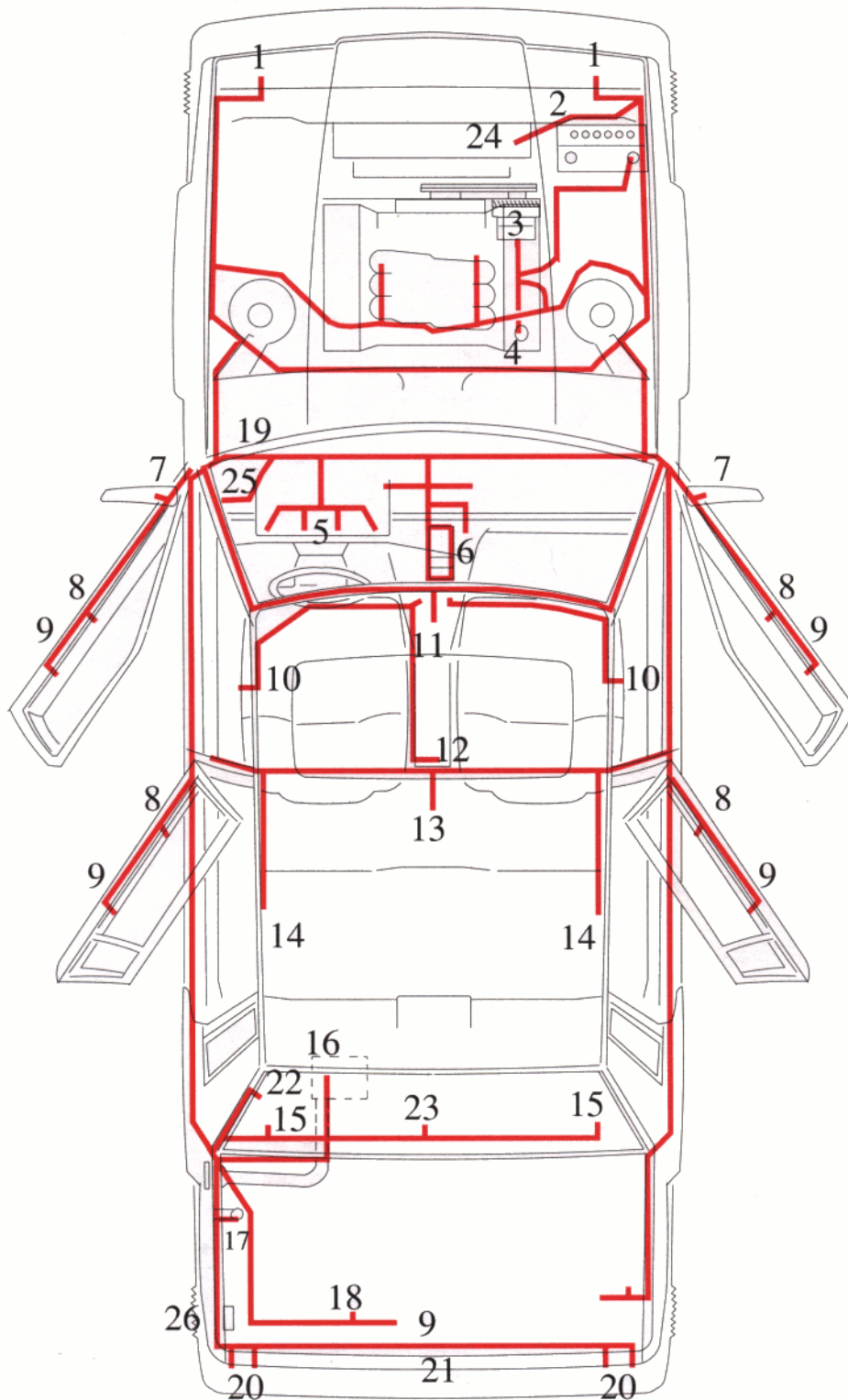
- 15/2 30-terminal (6 pole)
- 15/4 15I-terminal (7 pole)
- 15/5 31-terminal (11 pole)
- 15/6 30-terminal, fuse (6 pole)
- 15/9 X-terminal (5-pole)



Cable harnesses

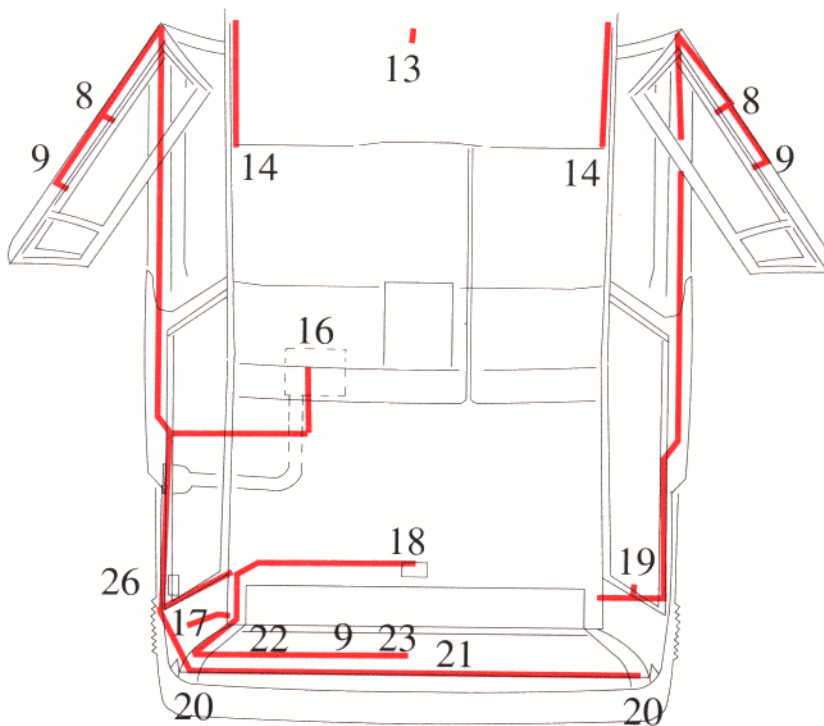
Cable harnesses

The routing of the main cable harness is shown in the illustration below.

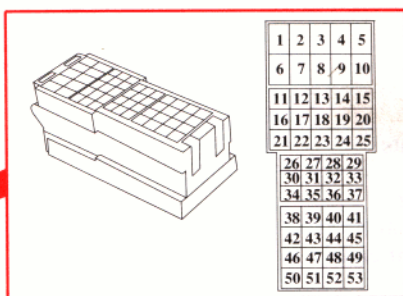
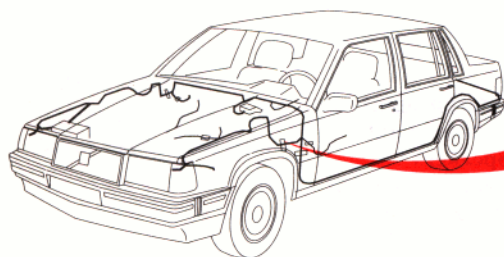


Cable harnesses

- | | |
|-------------------------------|--------------------------------------|
| 1 Front lights | 13 Interior lights |
| 2 Battery | 14 Reading light |
| 3 Alternator | 15 Speakers |
| 4 Starter motor | 16 Fuel level sender |
| 5 Instrument panel | 17 Power antenna |
| 6 Relay unit | 18 Trunk light |
| 7 Power door mirrors | 19 ABS control unit |
| 8 Power windows | 20 Tail lights |
| 9 Central locking motor | 21 License plate lights |
| 10 Control panel— power seats | 22 Heated rear window |
| 11 Power sun roof | 23 High-level brake light |
| 12 Ash tray light | 24 Electric cooling fan |
| | 25 Fuse box |
| | 26 Bulb failure warning sensor, rear |



Connector, left A-post (wheel house harness)



Code

= same as column to left

– not used

* double connection

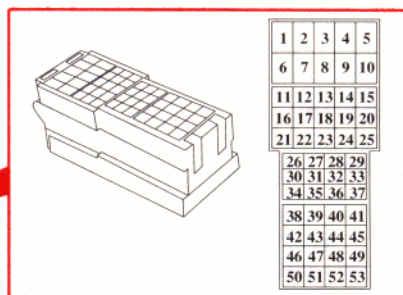
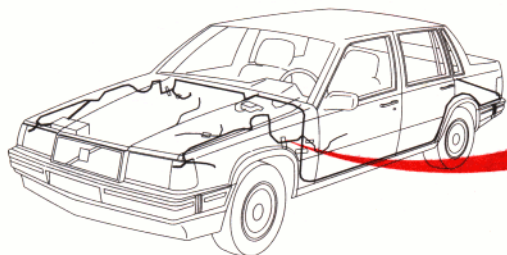
** junction

B280F

B230FT

1	Starter motor 50	(BL–GN)	=
2	High beam, left	(BL–W)	=
3	Low beam, left	(GN)	=
4	** Windshield wiper motor, pos. 1	(Y)	=
	** Horn		
5	Windshield wiper motor, pos. 2	(BN)	=
6	Windshield wiper motor, pos. 3	(GN–SB)	=
7	–		Relay, radio interference suppression, pos. 2 (BL–Y)
8	Fog lights	(W–SB)	=
9	Windshield wiper motor, pos. 4	(BL)	=
10	–		Battery + (Y–BN)
11	–		–
12	Direction indicator, left	(GN)	=
13	Parking light, left	(W)	=
14	–		–
15	EZK control unit, pos. 17	(Y–GR)	=
16	EZK control unit, pos. 8	(Y)	=
17	Windshield washer motor	(BL–R)	–
18	Brake fluid level sensor	(GR–W)	=
19	Coolant temperature sensor +	(Y–W)	=
20	Oil pressure sensor	(SB)	=
21	Alternator D+	(R)	=
22	Engine compartment light	(GN–R)	=
23	Service socket 50	(P)	=
24	–		Relay, electric cooling fan (Y–R)
25	–		EZK control unit, pos. 15 (R–SB)
26	–		** Ignition coil 15 (BL)
			** EZK control unit pos. 6
			** Relay, electric cooling fan
			** EZK power stage pos. 4
27	Horn –	(BN–SB)	=
28	–		–
29	Washer level sensor	(BL–W)	–
30	Coolant temperature sensor –	(BN)	=
31	Rear washer pump	(BL–Y)	–
32	–		–
33	–		–
34	Ignition coil 1	(R–W)	=
35	–		–
36	–		–
37	–		–
38	* ABS modulator, pos. 7	(GN)	=
	* ABS control unit, pos. 29		
39	ABS control unit, pos. 25	(Y–BN)	=
40	ABS converter, pos. 3	(BL–R)	=
	ABS transient surge protector, pos. 3		
41	ABS converter, pos. 4	(W)	=
42	ABS converter, pos. 2	(GN–W)	=
43	ABS converter, pos. 1	(BN–W)	=
44	Cruise control, control unit, pos. 3	(W–SB)	=
45	Cruise control, control unit, pos. 1	(BL–SB)	=
46	Cruise control, control unit, pos. 2	(BL)	=
47	Cruise control, control unit, pos. 6	(W)	=
48	Cruise control, control unit, pos. 9	(Y–R)	=
49	Cruise control, control unit, pos. 5	(Y)	=

Connector, left A-post (bottom rail)



1	Tail light, left	(W)
2	Tail light, right	(GR)
3	Brake lights	(Y)
4	Heated rear window	(Y-R)
5	Back-up lights	(GR-SB)
6	Interior lights	(GN-R)
	Trunk light	
7	Direction indicator, left rear	(GN)
8	Direction indicator, right rear	(BL-GN)
9	-	
10	Tailgate wiper	(Y-W)
11	Speedometer sensor	(BN-W)
12	Speedometer sensor	(GN-W)
13	Fuel level sender +	(GR-W)
14	Bulb failure warning sensor, rear	(Y-SB)
15	Delay unit, interior lights	(W-SB)
16	Bulb failure warning sensor, rear	(Y-GR)
17	Interior lights	(BL-SB)
18	Fog lights, rear	(VO-W)
19	Fuel pump, tank	(P)
20	Central locking system, tailgate	(R-W)
21	Central locking system, tailgate	(BL-R)
22	Power antenna	(R)
23	Power antenna	(GN-SB)
24	Rear window wiper	(OR)
25	Fuel level sender -	(BN)

26	-	
27	* Door open light, front	(BL-SB)
	* Door open light, rear	
28	Door open light, front, LHD	(W-SB)
29	Door open light, doors	(GN-R)
30	-	
31	Speaker +, rear	(Y-BN)
32	Speaker -, rear	(GN-BN)
33	Speaker +, front	(Y-W)
34	Speaker -, front	(W)
35	Heated door mirrors	(BL-GN)
36	-	
37	-	
38	Power door mirror +	(OR)
39	Power door mirror	(BL-W)
40	Power door mirror	(BN-W)
41	Power door mirror	(GN-W)
42	Power windows, rear, RHD	(P)
43	Power window, passenger's side, rear	(BN)
44	Power window, passenger's side, rear	(Y)
45	Power window, passenger's side, front	(BL)
46	Power window, passenger's side, front	(GR-R)
47	Power window +	(Y-R)
48	Central locking system, rear door	(R-W)
	Central locking system, front door RHD	
49	Central locking system, rear door	(BL-R)
	Central locking system, front door RHD	
50	Central locking system, switch LDH	(GN-SB)
51	Central locking system, switch LDH	(Y-SB)

Connectors in engine compartment (wheelhouse)

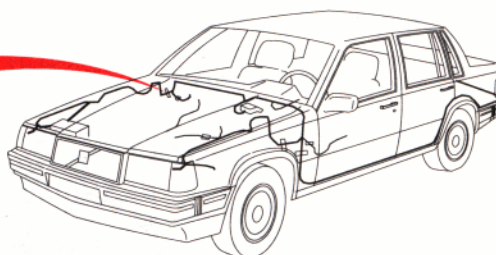
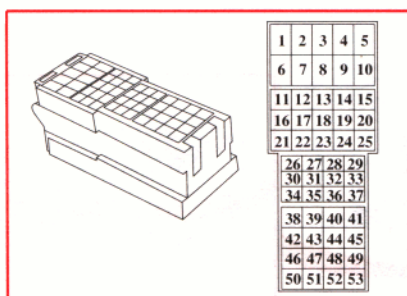
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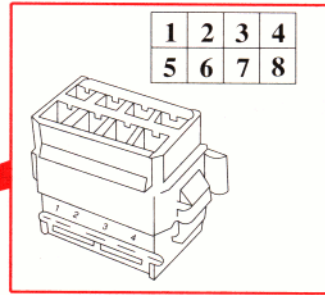
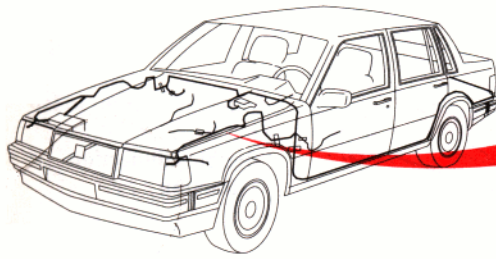
* double connection

** junction



B280F			B230FT		
1	Battery +	(Y-BN)			–
2	High beam, right	(R-W)			=
3	Low beam, right	(GN-W)			=
4	–				–
5	** LH-jetronic, control unit pos. 18 ** Ignition coil 15	(BL)			=
6	Relay, electric cooling fan	(Y-R)			–
7	LH-jetronic, control unit, pos. 17	(Y-SB)		Charge air overpressure sensor	(Y-SB)
8	Fog lights	(W-SB)			=
9	** LH-jetronic, control unit, pos. 9 ** air mass meter, pos. 5 ** Relay, radio interference suppression	(BL-Y)			=
10	–			Lambda-sond, pre-heater	(P)
11	–				–
12	Direction indicators, right	(BL-GN)			=
13	Parking lights, right	(GR)			=
14	–				–
15	LH-jetronic, control unit, pos. 1	(Y-GR)			=
16	LH-jetronic, control unit, pos. 24	(Y)			=
17	–			Washer pump	(BL-R)
18	Pressure sensor, AC	(GN-Y)			=
19	LH-jetronic, control unit, pos. 21	(R)			=
20	–				–
21	–			Washer fluid level sensor	(BL-W)
22	LH-jetronic, control unit, pos. 16	(W)			=
23	–			Washer pump, rear	(BL-Y)
24	Lambda-sond, pre-heater	(P)			–
25	–			LH-jetronic, control unit, pos. 12	(R-SB)
26	–				–
27	* Door open light, front * Door open light, rear	(BL-SB)			=
28	Door open light, front RHD	(W-SB)			=
29	Door open lights * Vanity mirror light	(GN-R)			=
30	–				–
31	Speaker+, rear	(Y-BN)			=
32	Speaker –, rear	(GN-BN)			=
33	Speaker +, front	(Y-W)			–
34	Speaker –, front	(W)			=
35	Heated door mirror	(BL-GN)			=
36	–				–
37	–				–
38	Power door mirror +, RHD	(OR)			=
39	Power door mirror	(BL-W)			=
40	Power door mirror	(BN-W)			=
41	Power door mirror	(GN-W)			=
42	Power window, rear door LHD	(P)			=
43	Power window, passenger's side, rear	(BN)			=
44	Power window, passenger's side, rear	(Y)			=
45	Power window, passenger's side, front	(BL)			=
46	Power window, passenger's side front	(GR-R)			=
47	Power window +	(Y-R)			=
48	Central locking system, rear door Central locking system, front door, LHD	(R-W)			=
49	Central locking system, rear door Central locking system, front door, LHD	(BL-R)			=
50	Switch, central locking system, RHD	(GN-SB)			=
51	Switch, central locking system, RHD	(Y-SB)			=

Connectors in engine compartment at left suspension tower



Code

= same as column to left
 – not used
 * double connection
 ** junction

B280F

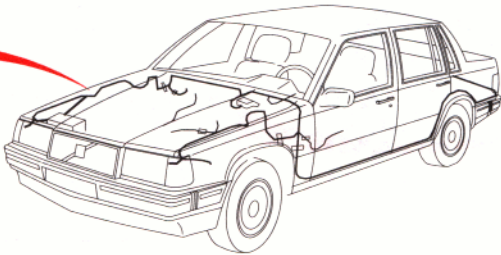
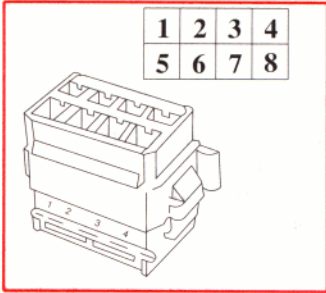
1	Coolant temperature sensor +	(Y-W)	=
2	Oil pressure sensor	(SB)	=
3	Ground, EZK power stage	(BN)	Ground, EZK (BN)
4	Alternator D+	(R)	=
5	Starter motor 50	(BL-GN)	=
6	Ground, EZK control unit	(BN)	Throttle switch, pos. 1 (OR)
7	Throttle switch, pos. 3	(VO)	Ballast resistor (GN-R)
8	Coolant temperature sensor –	(BN-SB)	Coolant temperature sensor – (BN)

B230FT

1	Throttle switch, pos. 1	(OR)	
2	Temperature sensor, LH.- EZK	(GR)	
3	No. 1 cylinder position transducer pos. 1	(SB)	
4	No. 2 cylinder position transducer pos. 2	(BL-Y)	
5	No. 3 cylinder position transducer pos. 3	(Y-R)	
6	Impulse sender, pos. 1	(R)	
7	Impulse sender, pos. 2	(BL)	
8	Impulse sender, pos. 3	(SB)	

1	Knocksensor, pos. 1	(GR)	AC compressor (GN-Y)
2	Knocksensor, pos. 2	(SB)	
3	Knocksensor, pos. 1	(GN)	
4	Knocksensor, pos. 2	(BN)	

Connectors in engine compartment at right suspension tower



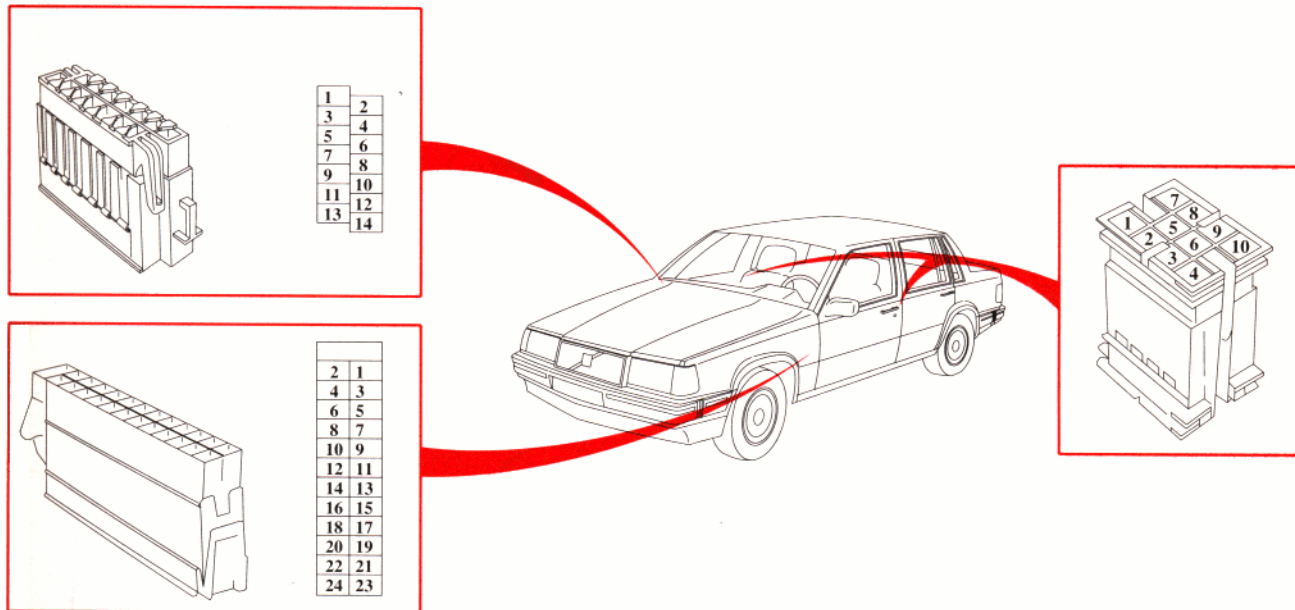
Code
= same as column to left
- not used
* double connection
** junction

B280F			B230FT	
1	Air control valve, pos. 1	(GR-R)	=	
2	Air control valve, pos. 3	(Y-R)	=	
3	Air control valve, pos. 2	(GN)	-	
4	Temperature sensor, LH-EZK	(GR)	Temperature sensor, LH	(GR)
5	** Ground point, LH	(SB)	=	
	** Air mass meter, pos. 1		** Temperature sensor, LH	
6	Ground point, LH	(BN)	=	
7	Throttle switch, pos. 3	(R-W)	-	
8	Throttle switch, pos. 1	(OR)	=	

1	Air mass meter, pos. 2	(BL-GN)		
2	Air mass meter, pos. 3	(BL-R)		
3	Air mass meter, pos. 4	(BL-W)		
4	Air mass meter, pos. 5	(BL-Y)		
5	Air mass meter, pos. 6	(W)		
6	Fuel injectors	(GN-R)		
7	Fuel injectors	(GR)		
8	Ignition coil 15	(BL)		

1	** Ground point, LH	(SB)	=	
	** Air mass meter, pos. 1		** Temperature sensor, LH	
2	AC compressor	(GN)	Fuel injectors	(GR)
3			** Ground point, air mass meter	(SB)
			** Temperature sensor, LH	

Connectors in doors



Driver's door		Passenger's door		Tailgate
1	Door open light (GR-R)	=		Central locking system (R-W)
2	Door open light (W-SB)	=		Central locking system (BL-R)
3	Speaker + (Y-W)	=		Door open light (GN-R)
4	Speaker - (W)	=		Door open light (W-SB)
5	Central locking system (GN-SB)	Central locking system (R-W)		Power windows (P)
6	Central locking system (Y-SB)	Central locking system (BL-R)		Power windows (BN)
7	Central locking system (SB)	Ground point, power mirror (SB)		Power windows (R)
8	Switch, power mirrors (BL-W)	Heated door mirror (BL-GN)		Speaker (Y-BN)
9	Throttle switch, pos. 1 (BN-W)	Power mirror (BL-W)		Speaker (GN-SB)
10	Switch, power mirror (OR)	Power mirror (BN-W)		
11	Switch, power mirror (GN-W)	Power mirror (GN-W)		
12	Heated mirror (BL-GN)	Power window (Y-R)		
13	Switch, power window (BL)	Power window (BL)		
14	Switch, power window (GR-R)	Power window (GR-R)		
15	Switch, power window (BN)			
16	Switch, power window (Y)			
17	Switch, power window (GN)			
18	Switch, power window (R)			
19	Switch, power window (P)			
20	Switch, power window (Y-R)			
21	Ground point, power mirror (SB)			

Code

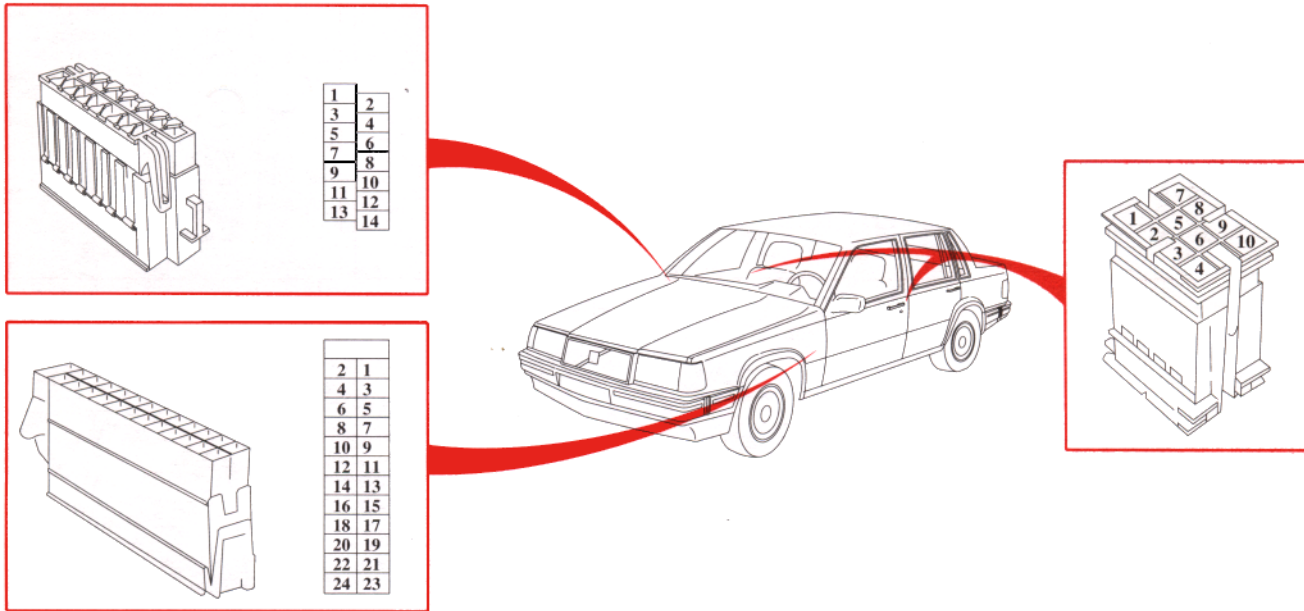
= same as column to left

- not used

* double connection

** junction

Connectors in doors



Driver's door		Passenger's door		Tailgate	
1	Door open light (GR-R)	=		Central locking system (R-W)	
2	Door open light (W-SB)	=		Central locking system (BL-R)	
3	Speaker + (Y-W)	=		Door open light (GN-R)	
4	Speaker - (W)	=		Door open light (W-SB)	
5	Central locking system (GN-SB)	Central locking system (R-W)		Power windows (P)	
6	Central locking system (Y-SB)	Central locking system (BL-R)		Power windows (BN)	
7	Central locking system (SB)	Ground point, power mirror (SB)		Power windows (R)	
8	Switch, power mirrors (BL-W)	Heated dooor mirror (BL-GN)		Speaker (Y-BN)	
9	Throttle switch, pos. 1 (BN-W)	Power mirror (BL-W)		Speaker (GN-SB)	
10	Switch, power mirror (OR)	Power mirror (BN-W)			
11	Switch, power mirror (GN-W)	Power mirror (GN-W)			
12	Heated mirror (BL-GN)	Power window (Y-R)			
13	Switch, power window (BL)	Power window (BL)			
14	Switch, power window (GR-R)	Power window (GR-R)			
15	Switch, power window (BN)				
16	Switch, power window (Y)				
17	Switch, power window (GN)				
18	Switch, power window (R)				
19	Switch, power window (P)				
20	Switch, power window (Y-R)				
21	Ground point, power mirror (SB)				

Code

= same as column to left

- not used

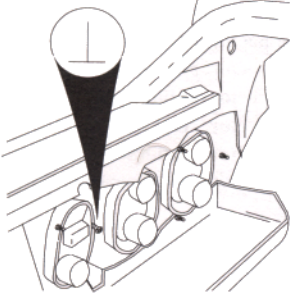
* double connection

** junction

Ground connections

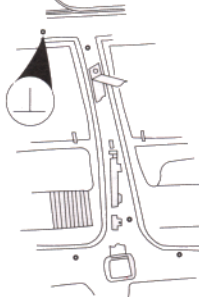
Tail light, left

31/11



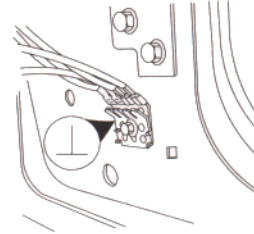
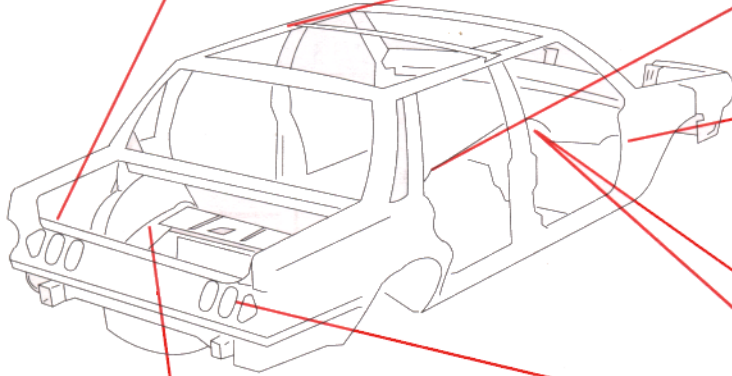
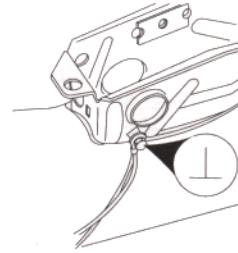
**Interior lighting
Reading lights**

31/8



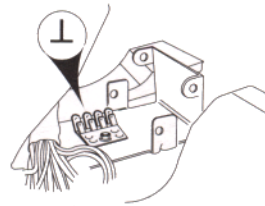
**Parking brake switch
Seat belt light
Heated seats**

31/9



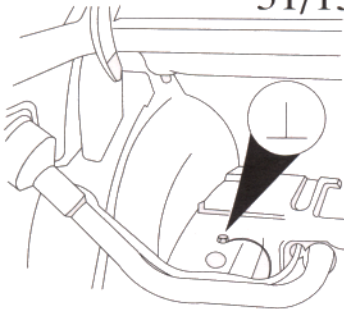
31/10

**Power door mirrors
Vanity mirror light**



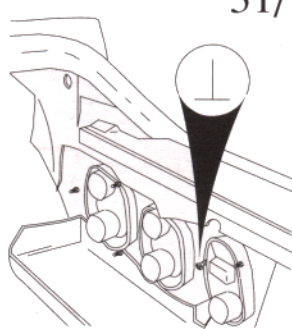
31/14

**31-terminal, relay unit
Bulb failure warning sensor, front
Seat belt reminder
Headlight relay 15I
Relay, intermittent windshield wipers
Headlight relay
Headlight switch
Ash tray light
Glove compartment light
Relay, fog light
Switch, hazard warning flasher
Switch, heated rear window
Instrument panel
Relay, intermittent tailgate wiper
Cigarette lighter
Relay, overdrive
Relay, central locking system
Power unit, ECC
Power sunroof
Impact sensor, SRS
Fuel level sender**



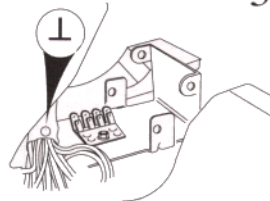
31/13

**Fuel pump, tank
Power antenna
License plate lights
Bulb failure warning sensor, rear
High-level brake light
Trunk light
Tailgate wiper
Heated rear window**



31/12

Tail light, right



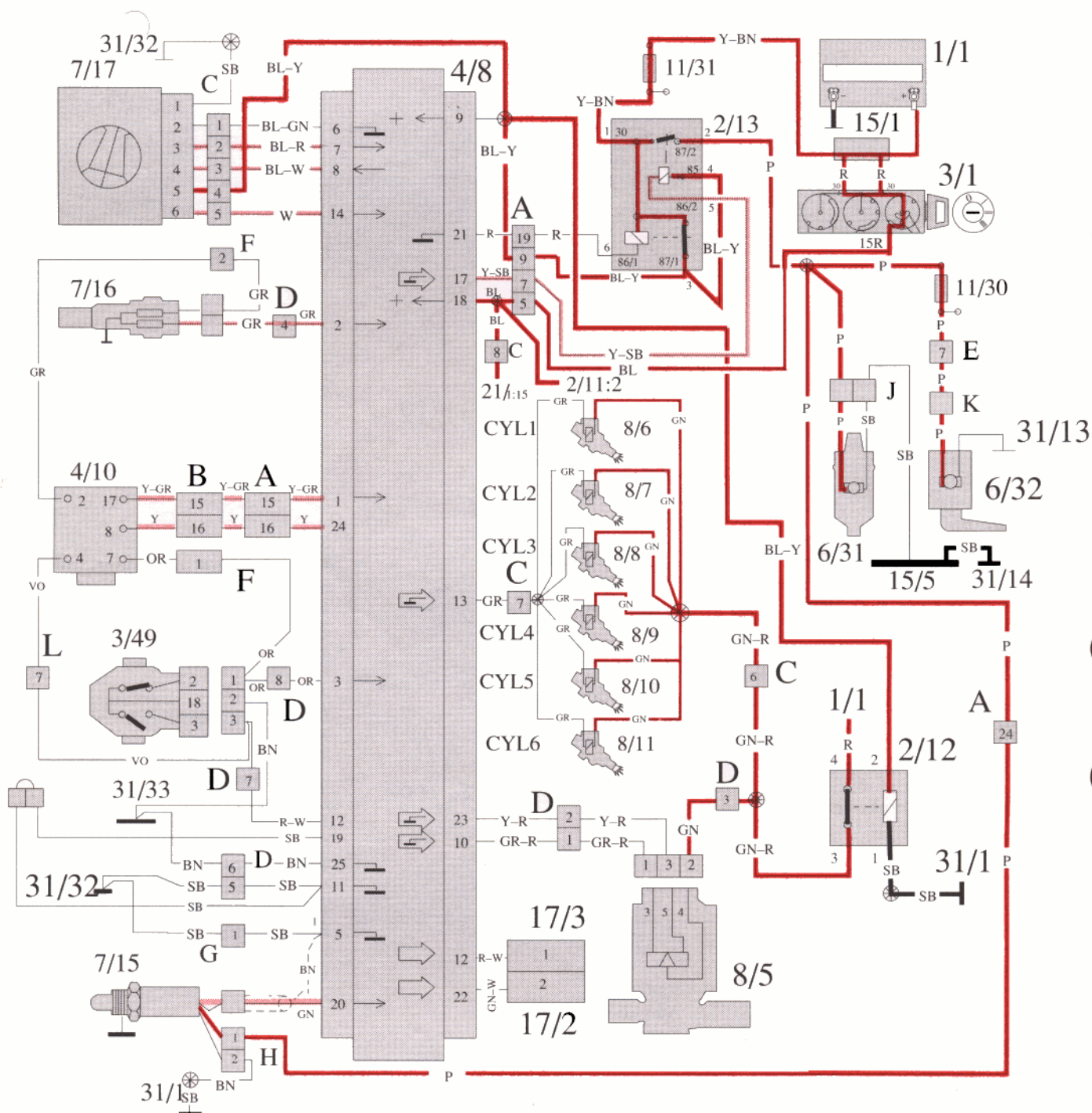
31/18

**Radio
Amplifier
Power front seats**

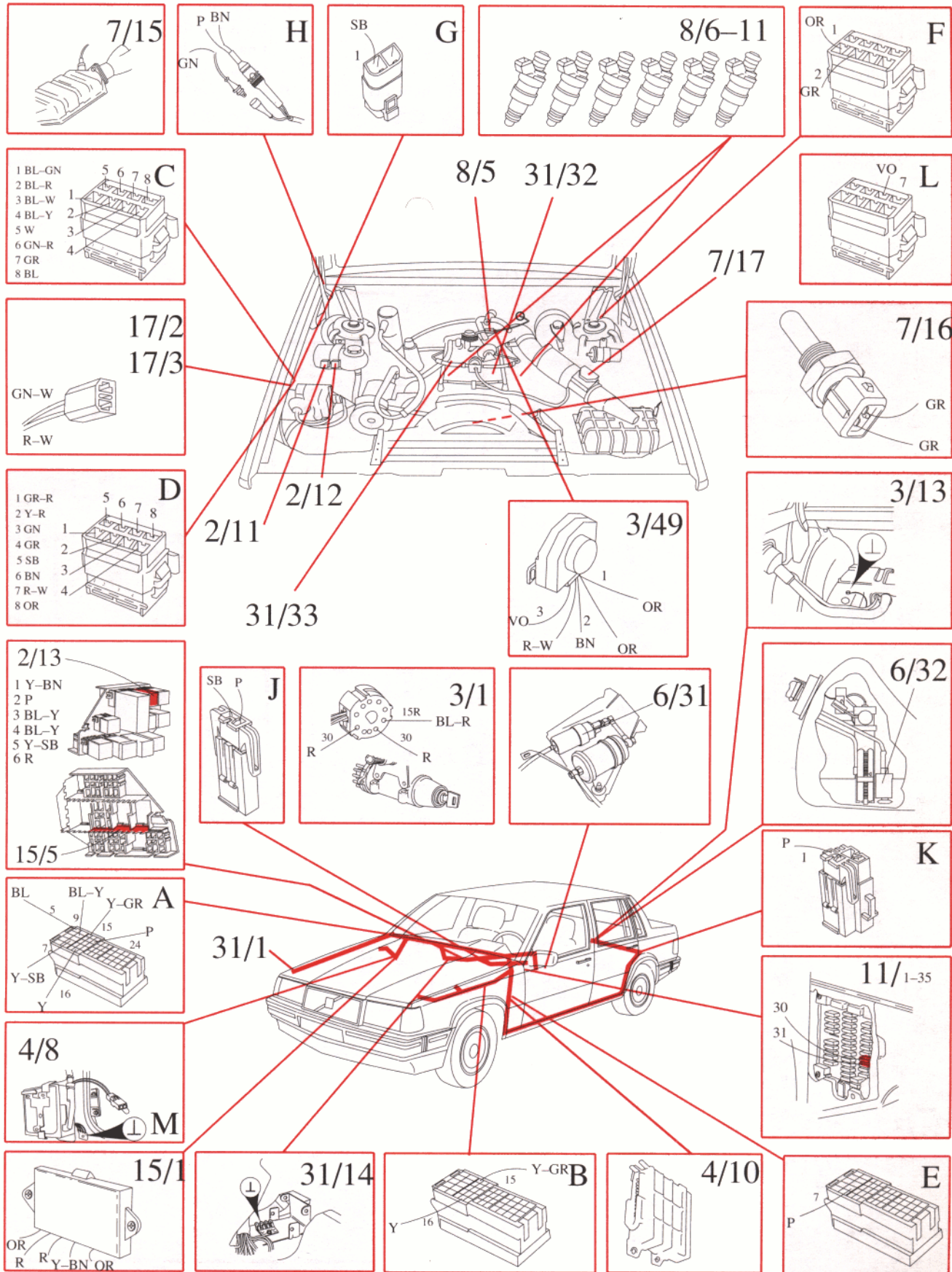
LH-jetronic 2.2 (B 280 F)

- | | |
|--------------------------------------------|---------------------------------------|
| 1/1 Battery | 8/5 Air control valve |
| 2/11 Relay, electric cooling fan | 8/6-11 Fuel injection |
| 2/12 Relay, radio interference suppression | 11/1-35 Fuses |
| 2/13 Relay, fuel injection | 15/1 Positive terminal |
| 3/1 Ignition switch | 15/5 31 Terminal, relay unit |
| 3/49 Throttle switch | 17/2 Test point, Lambda-sond |
| 4/8 Control unit, LH-Jetronic | 17/3 Test point, CIS-system |
| 4/10 Control unit, ignition system | 21-1 Ignition coil |
| 6/31 Fuel pump, main | 31/1 Ground point, right front fender |
| 6/32 Fuel pump, tank | 31/13 Ground point, trunk |
| 7/15 Lambda-sond | 31/14 Ground point, relay unit |
| 7/16 Temperature sensor | 31/32 Ground point, engine |
| 7/17 Air mass meter | 31/33 Ground point, engine |

- | |
|-------------------------------------|
| A Connector, right A-post |
| B Connector, left A-post |
| C Connector, right suspension tower |
| D Connector, right suspension tower |
| E Connector, left A-post |
| F Connector, left suspension tower |
| G Connector, right suspension tower |
| H Connector on bulk head |
| J Connector, relay unit |
| K Connector in trunk |
| L Connector, left suspension tower |



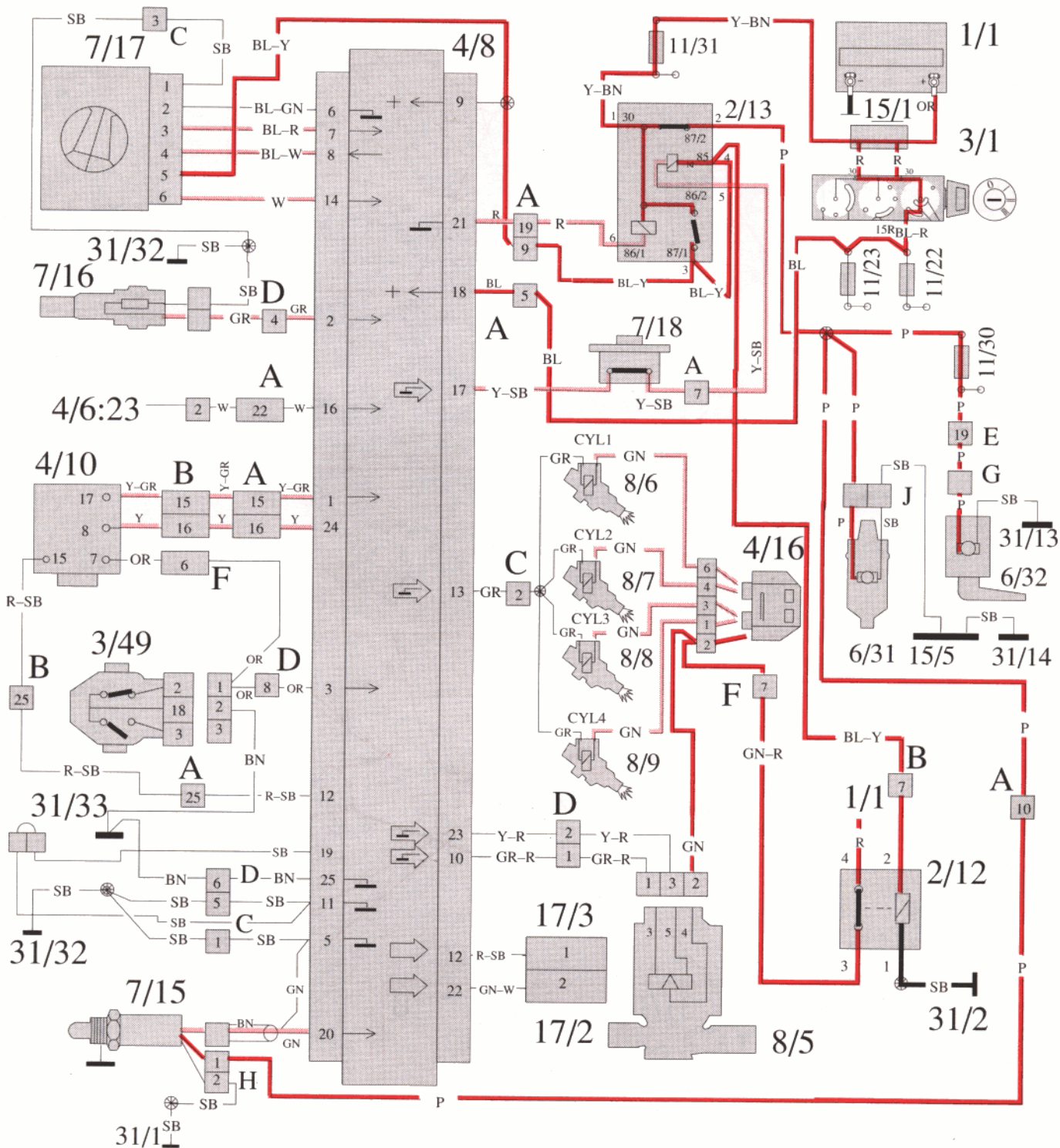
LH-Jetronic 2.2 (B 280 F)



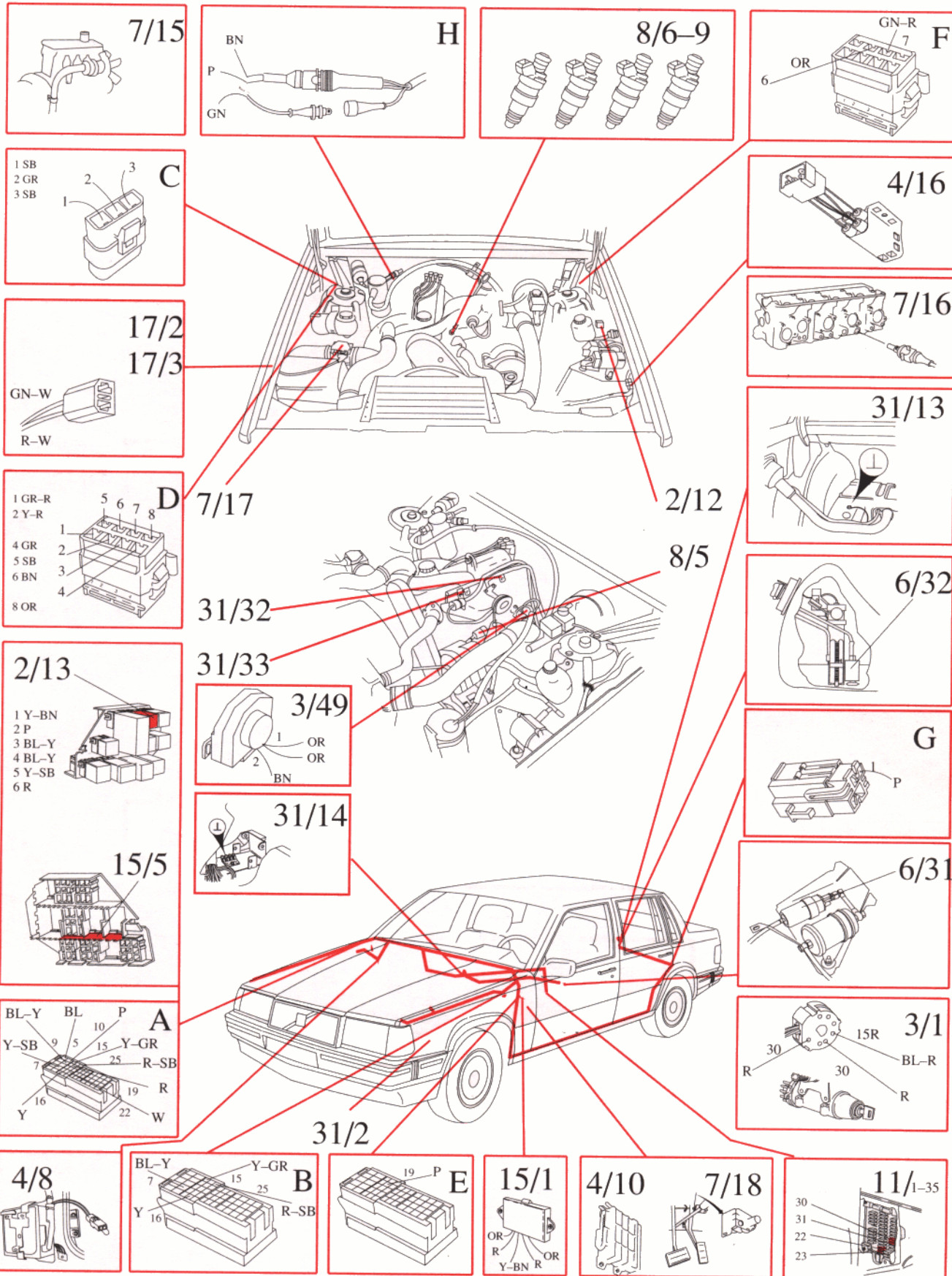
LH-jetronic 2.2 (B 230 FT)

- 1/1 Battery
- 2/12 Relay, radio interference suppression
- 2/13 Relay, fuel injection system
- 3/1 Ignition switch
- 3/49 Throttle switch
- 4/6 Heater control, ECC
- 4/8 Control unit, LH-Jetronic
- 4/10 Control unit, ignition system
- 4/16 Ballast resistor
- 6/31 Fuel pump, main
- 6/32 Fuel pump, tank
- 7/15 Lambda-sond
- 7/16 Temperatur sensor
- 7/17 Air mass meter
- 7/18 Charge air overpressure switch
- 8/5 Air control valve
- 8/6-9 Fuel injectors
- 11/1-35 Fuses
- 15/1 Positive terminal
- 15/5 31-Terminal relay unit
- 17/2 Test point, Lambda-sond
- 17/3 Test point, CIS-system
- 31/1 Ground point, right front fender
- 31/2 Ground point, left front fender
- 31/13 Ground point in trunk
- 31/14 Ground point, central relays
- 31/32 Ground point, engine
- 31/33 Ground point, engine

- A Connector, right A-post
- B Connector left A-post
- C Connector, right suspension tower
- D Connector, right suspension tower
- E Connector, left A-post
- F Connector, left suspension tower
- G Connector in trunk
- H Connector on bulkhead
- J Connector, relay unit

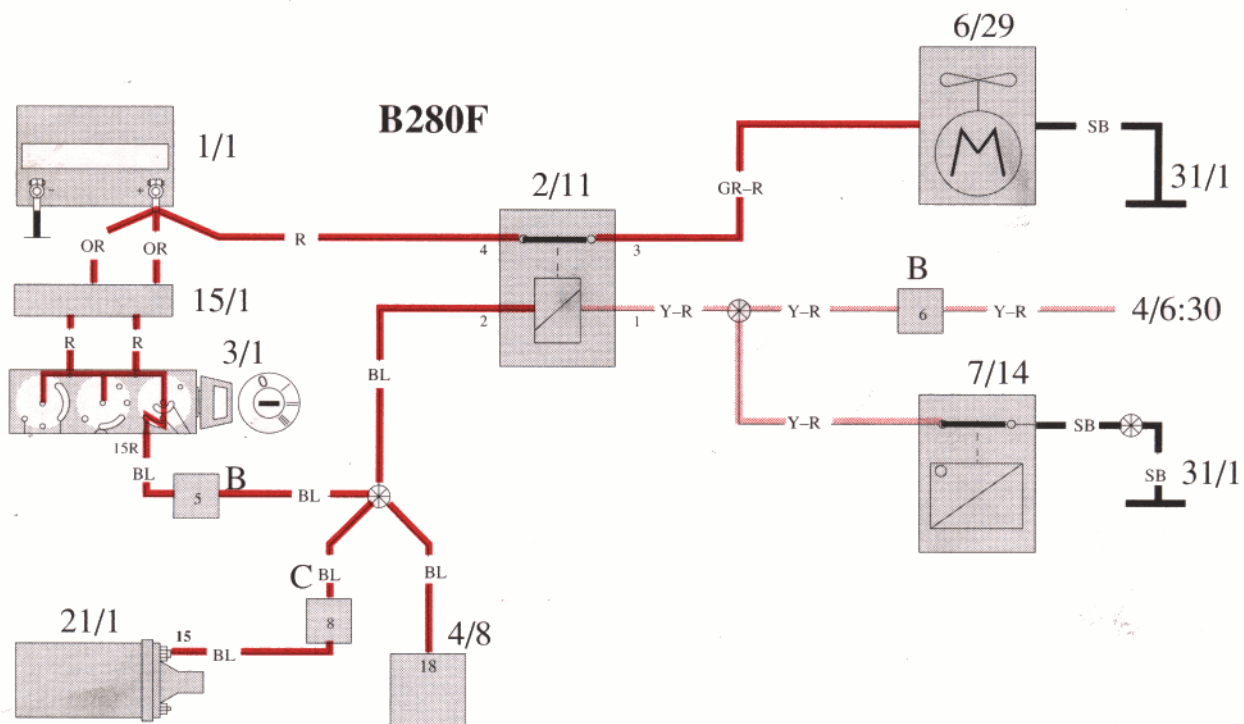
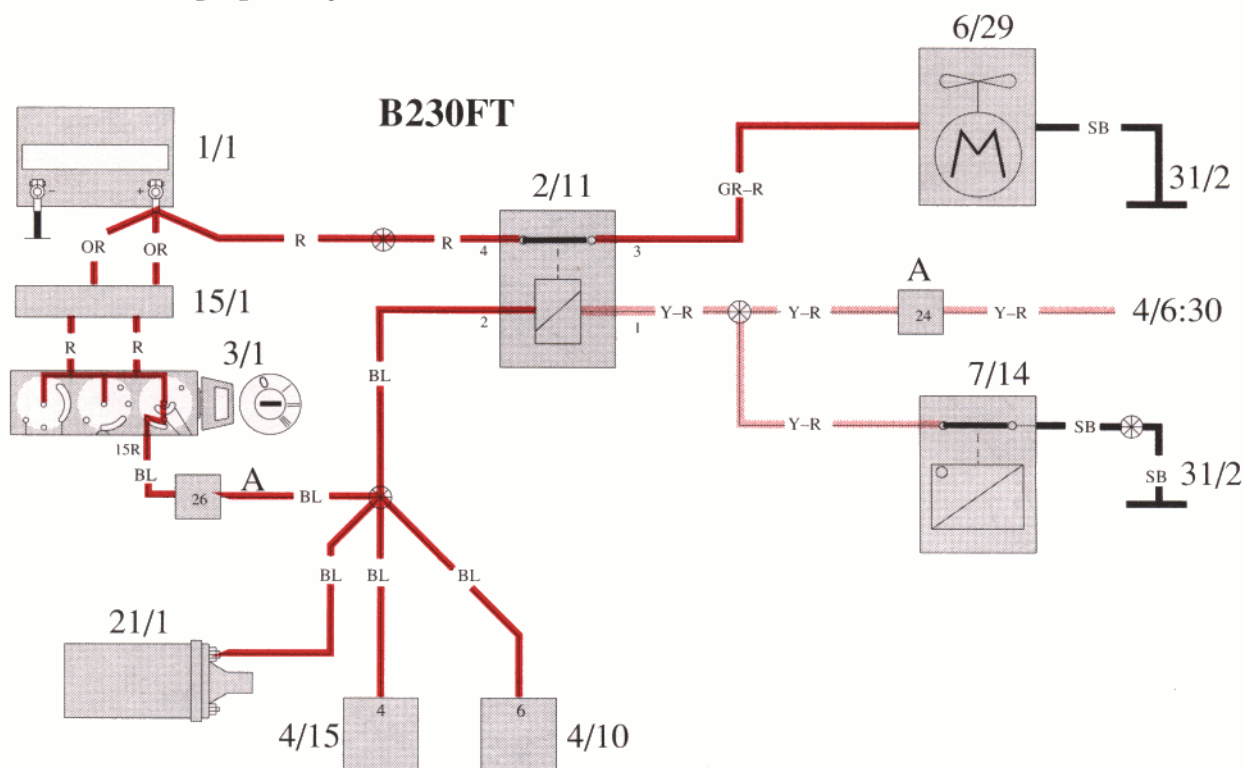


LH-jetronic 2.2 (B 230 FT)

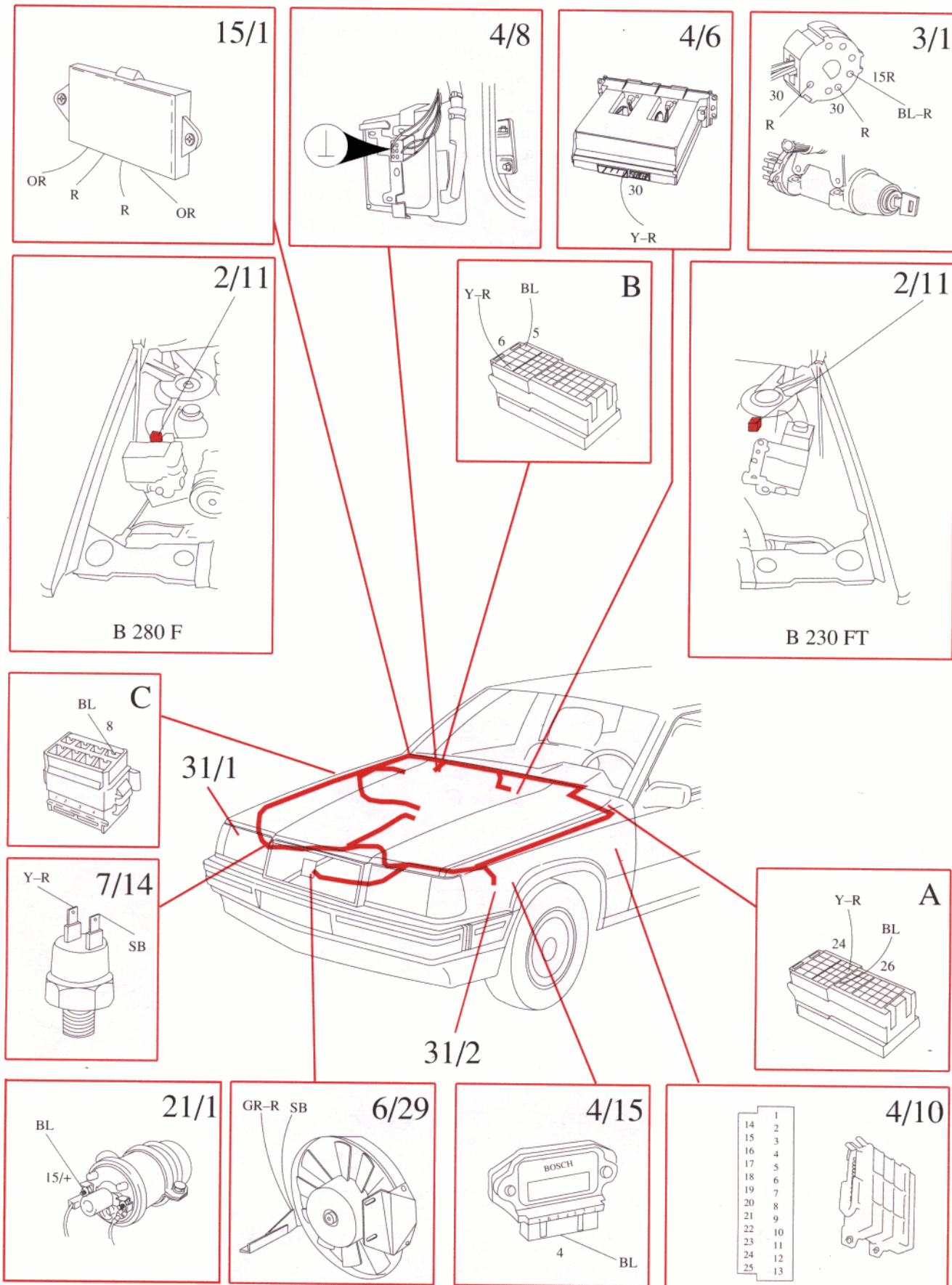


Electric cooling fan

- | | | | | | |
|------|-------------------------------|------|----------------------------------|---|-----------------------------------|
| 1/1 | Battery | 6/29 | Electric cooling fan | A | Connector, left A-post |
| 2/11 | Relay, electric cooling fan | 7/14 | Thermostat, electric cooling fan | B | Connector, right A-post |
| 3/1 | Ignition switch | 15/1 | Positive terminal | C | Connector, right suspension tower |
| 4/6 | Control unit, ECC | 21/1 | Ignition coil | | |
| 4/8 | Control unit, fuel system | 31/1 | Ground point, right front fender | | |
| 4/10 | Control unit, ignition system | 31/2 | Ground point, left front fender | | |
| 4/15 | Power stage, ignition system | | | | |

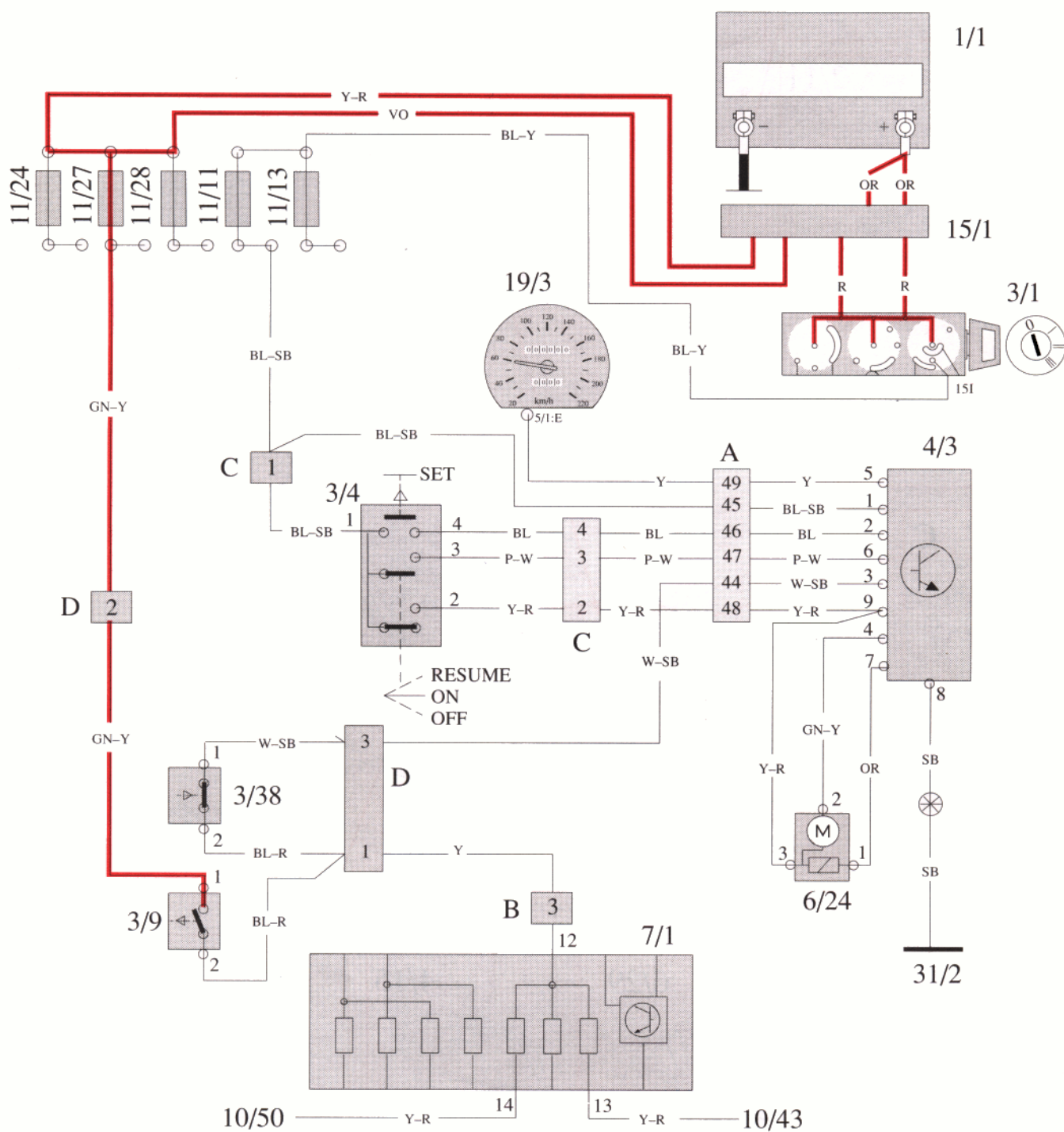


Electric cooling fan

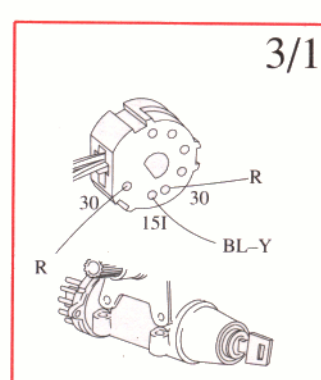
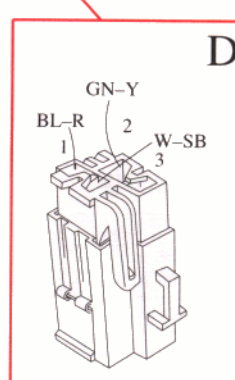
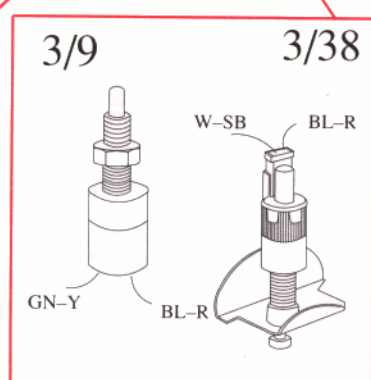
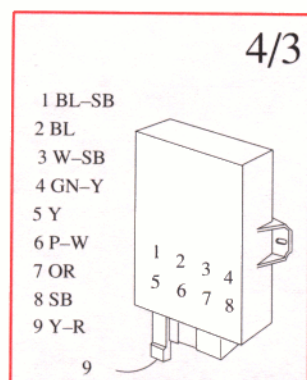
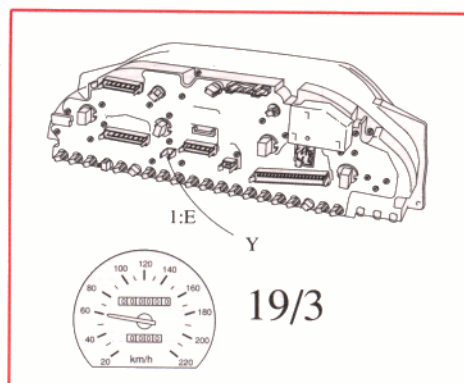
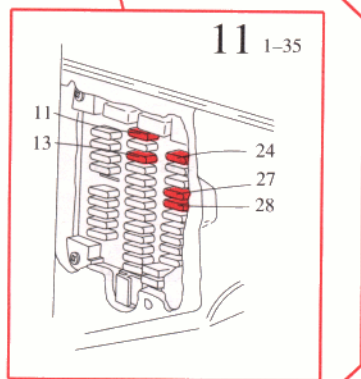
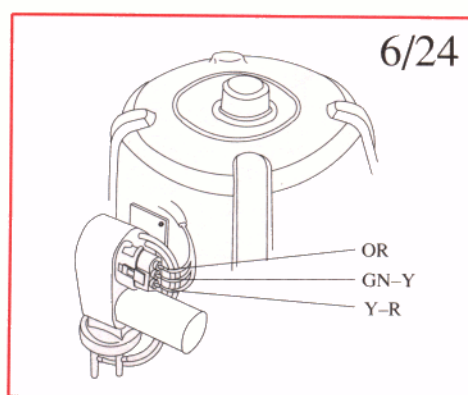
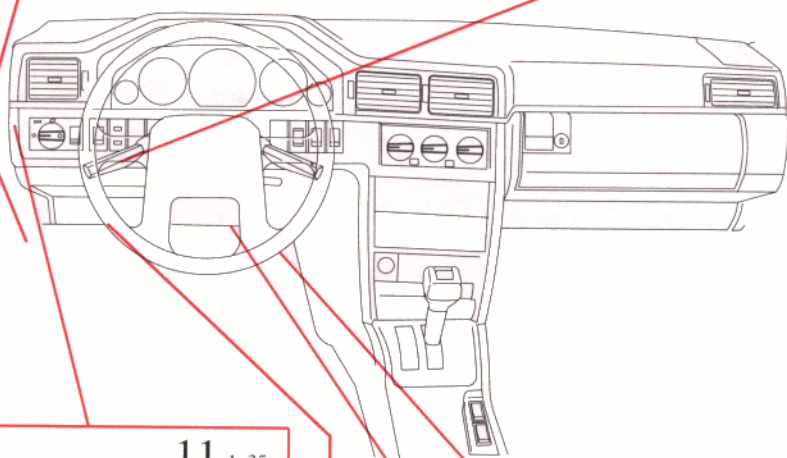
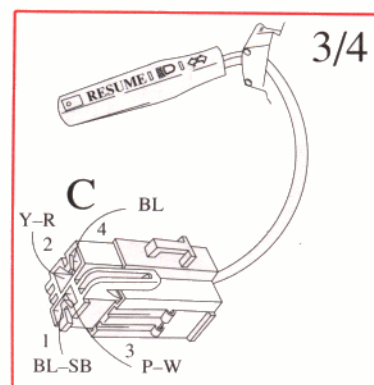
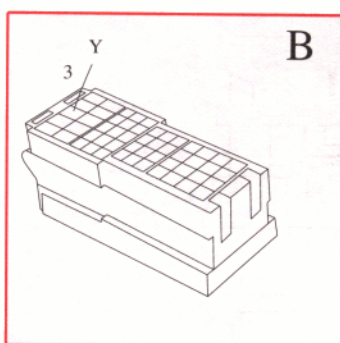
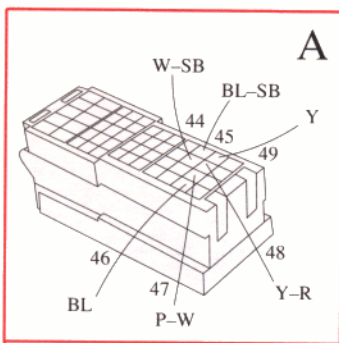


Cruise control

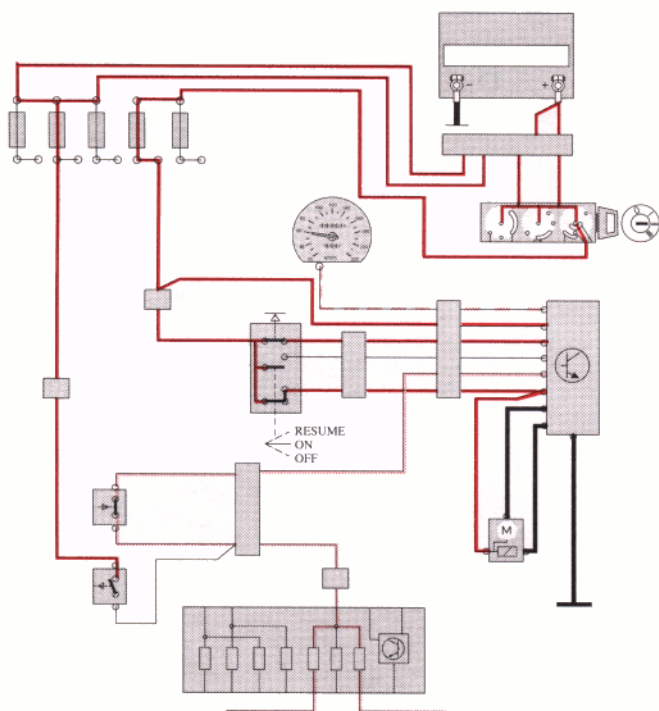
- | | | |
|----------------------------------------|---------------------------------------|--------------------------|
| 1/1 Battery | 6/24 Vacuum pump | A Connector, left A-post |
| 3/1 Ignition switch | 7/1 Bulb failure warning sensor, rear | B Connector, left A-post |
| 3/4 Switch | 10/43 Brake light, right | C Connector at switch |
| 3/9 Brake light switch | 10/50 Brake light, left | D Connector at pedals |
| 3/38 Brake pedal switch | 11/1-35 Fuses | |
| 4/3 Control unit | 15/1 Positive terminal | |
| 5/1 1-pole connector, instrument panel | 19/3 Speedometer | |
| | 31/2 Ground point, left front door | |



Cruise control

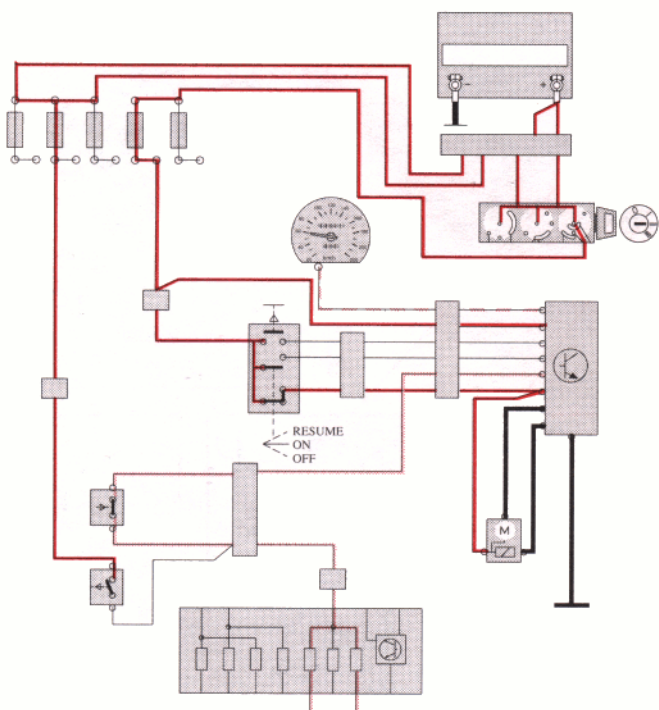


Cruise control



Setting speed

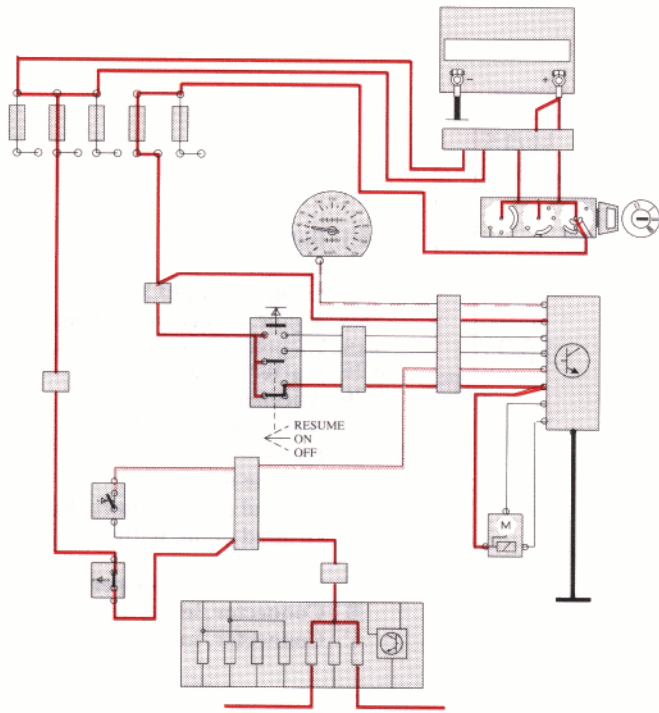
Switch "ON"
Set speed button depressed



Maintaining selected speed

Switch "ON"
(Provided that speed is above
30 mph=50 km/h and brake and/or
cluth pedals are not depressed.)

Cruise control

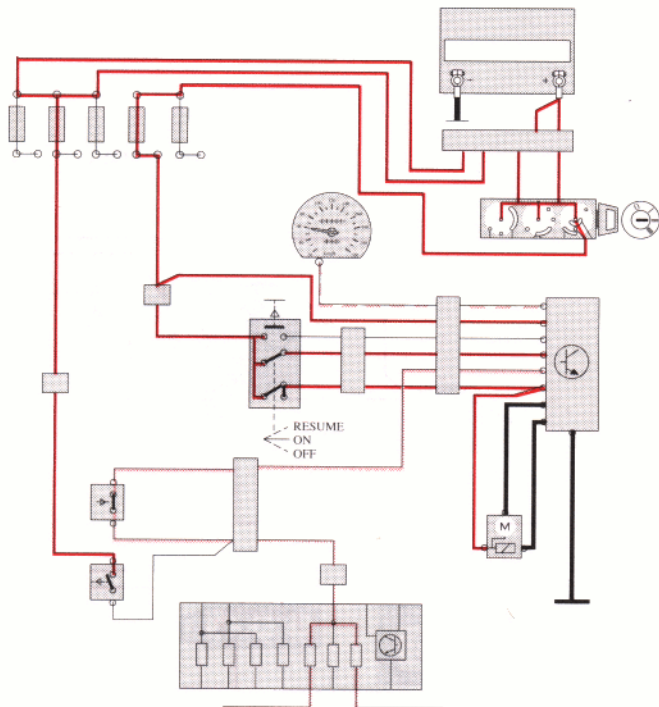


Braking

Switch "ON"

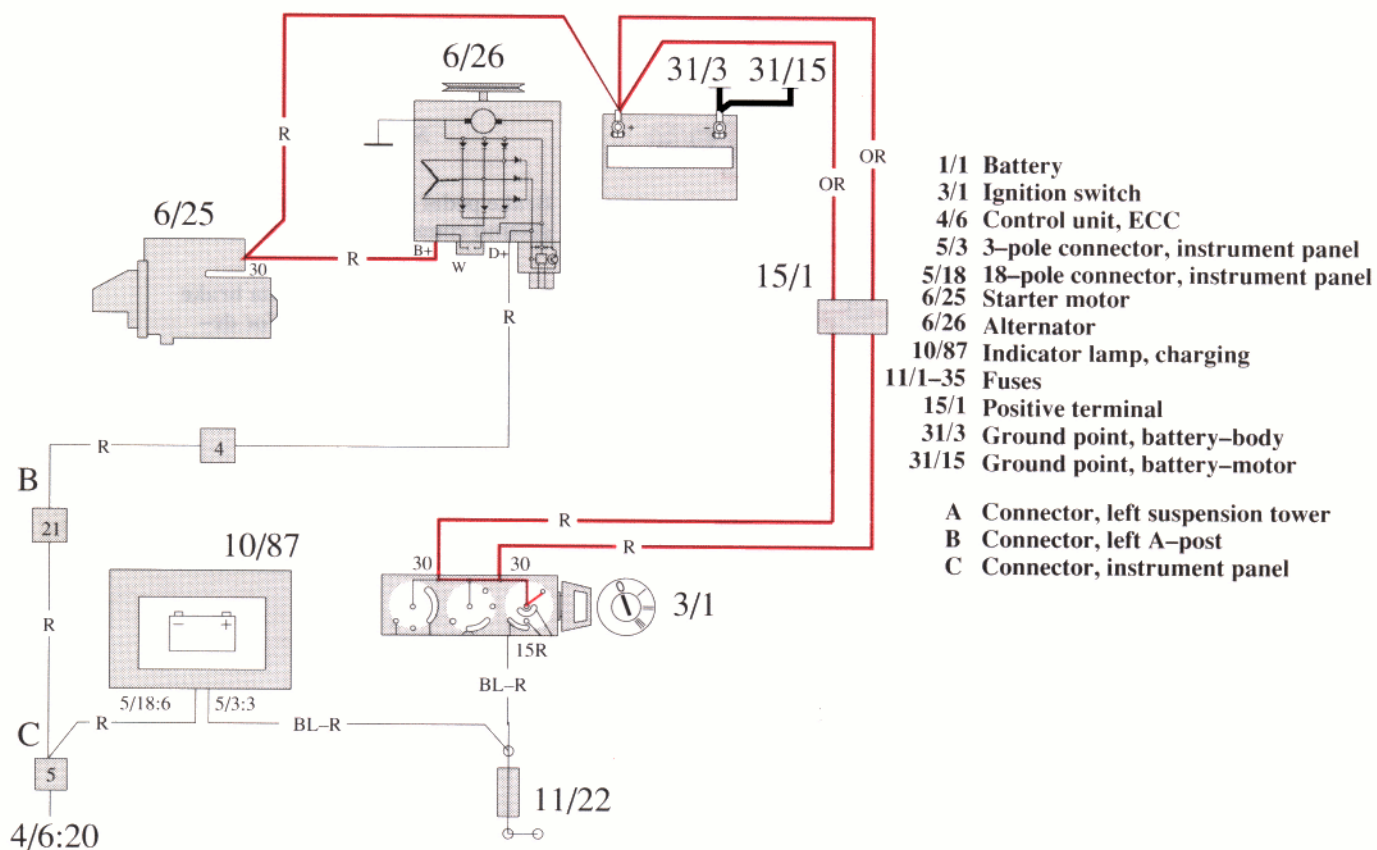
Brake pedal depressed (control unit ground connection broken).

Control unit is grounded via brake lights, but on braking and/or depressing clutch pedal the ground connection is broken and deenergized. The same happens if both brake light bulbs are blown.

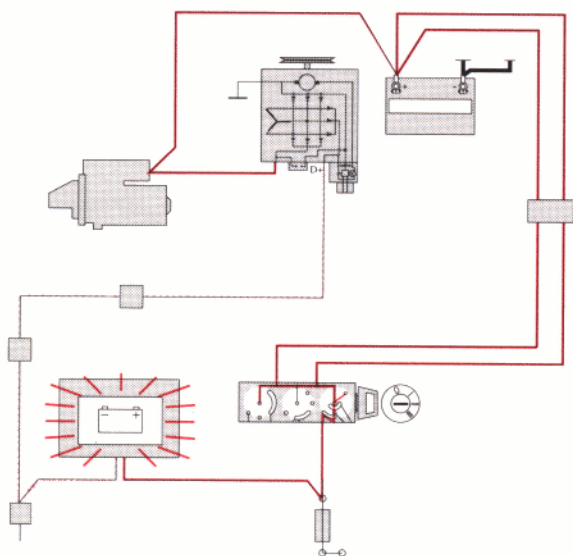


Resuming set speed
Switch "RESUME"
Previously set speed resumed

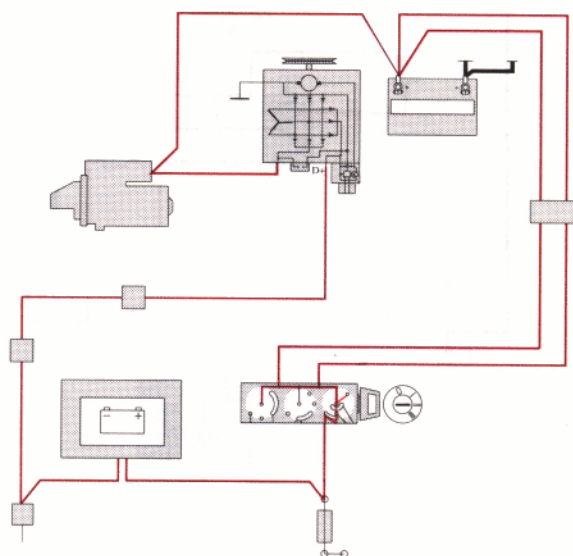
Charging circuit



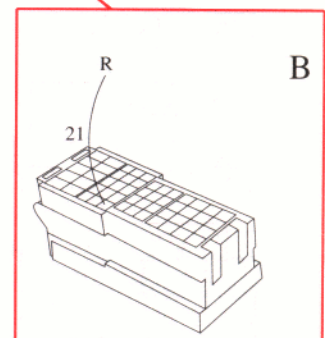
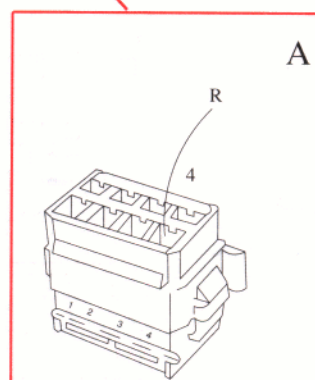
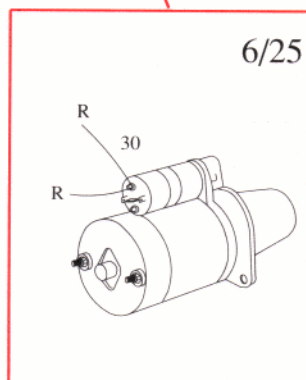
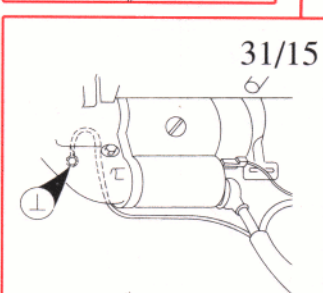
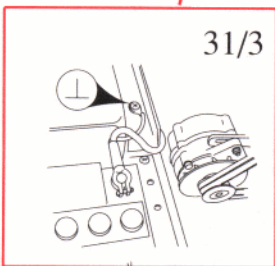
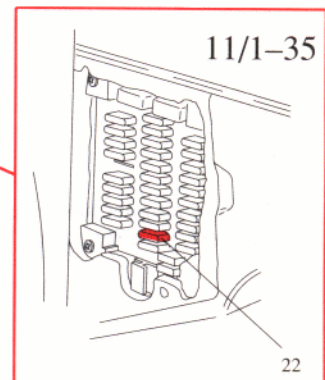
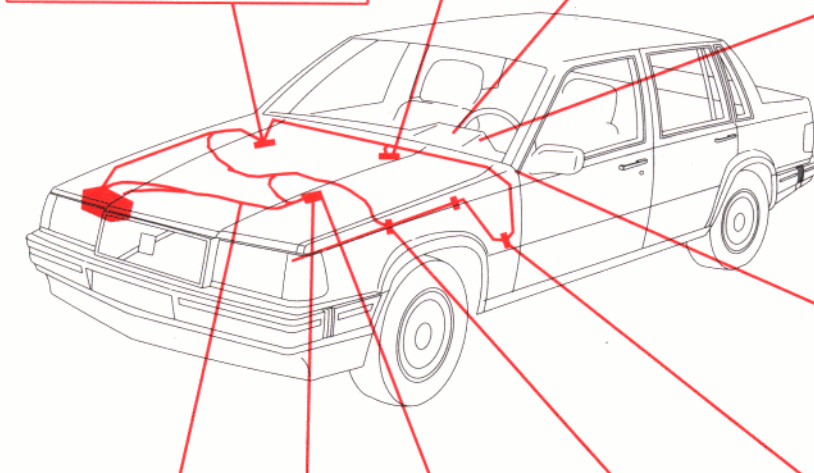
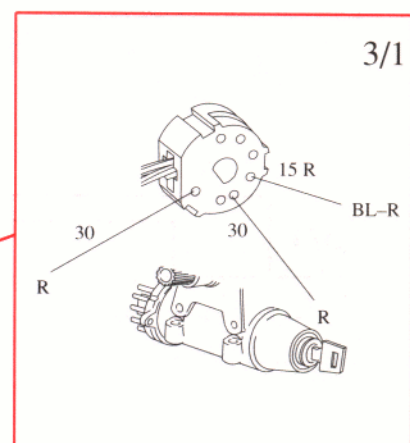
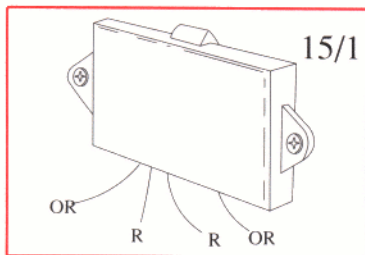
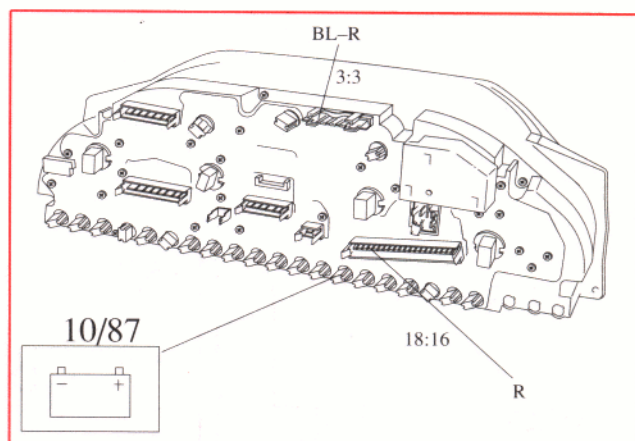
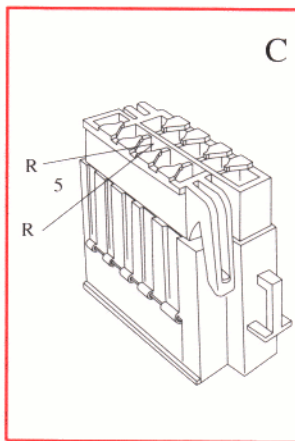
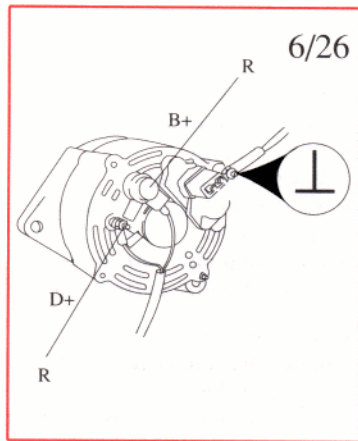
**Ignition ON
Engine not running**



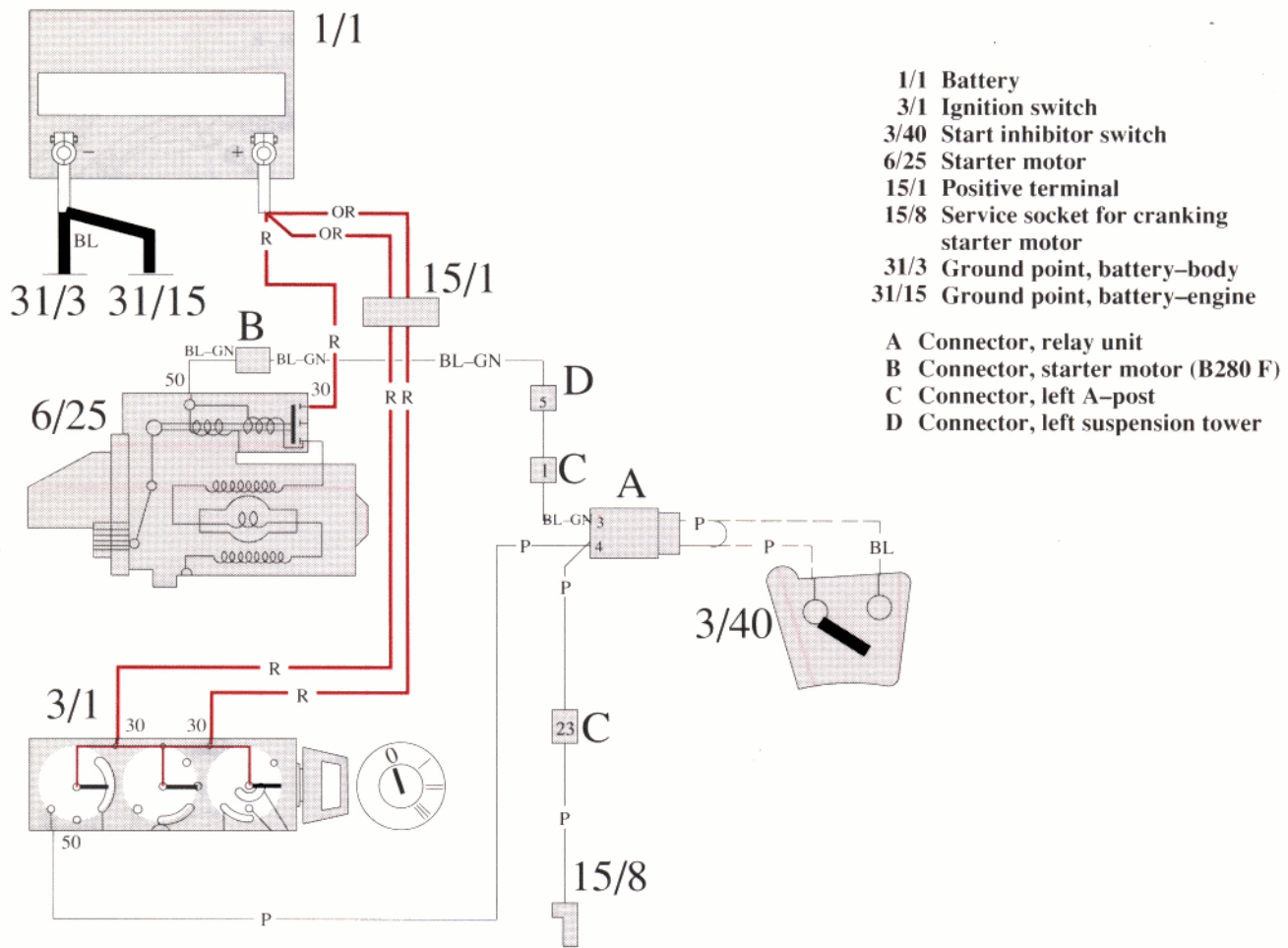
Alternator charging



Charging circuit



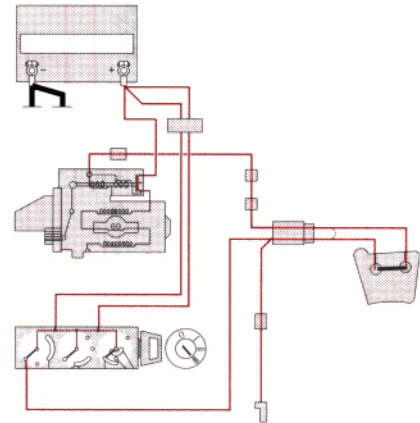
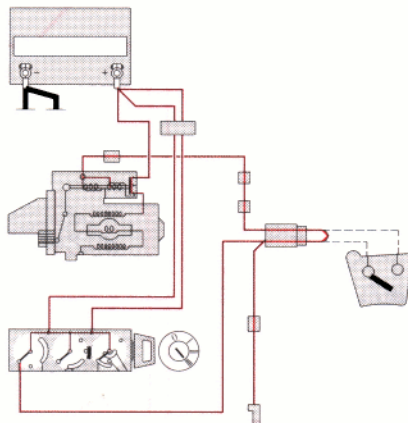
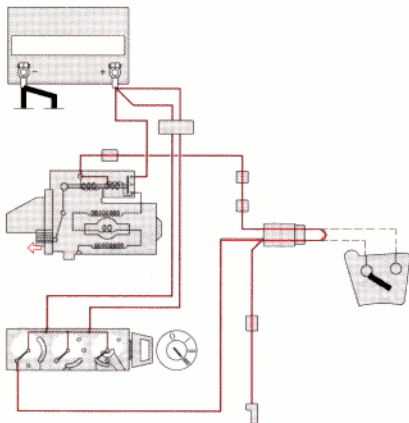
Starting circuit



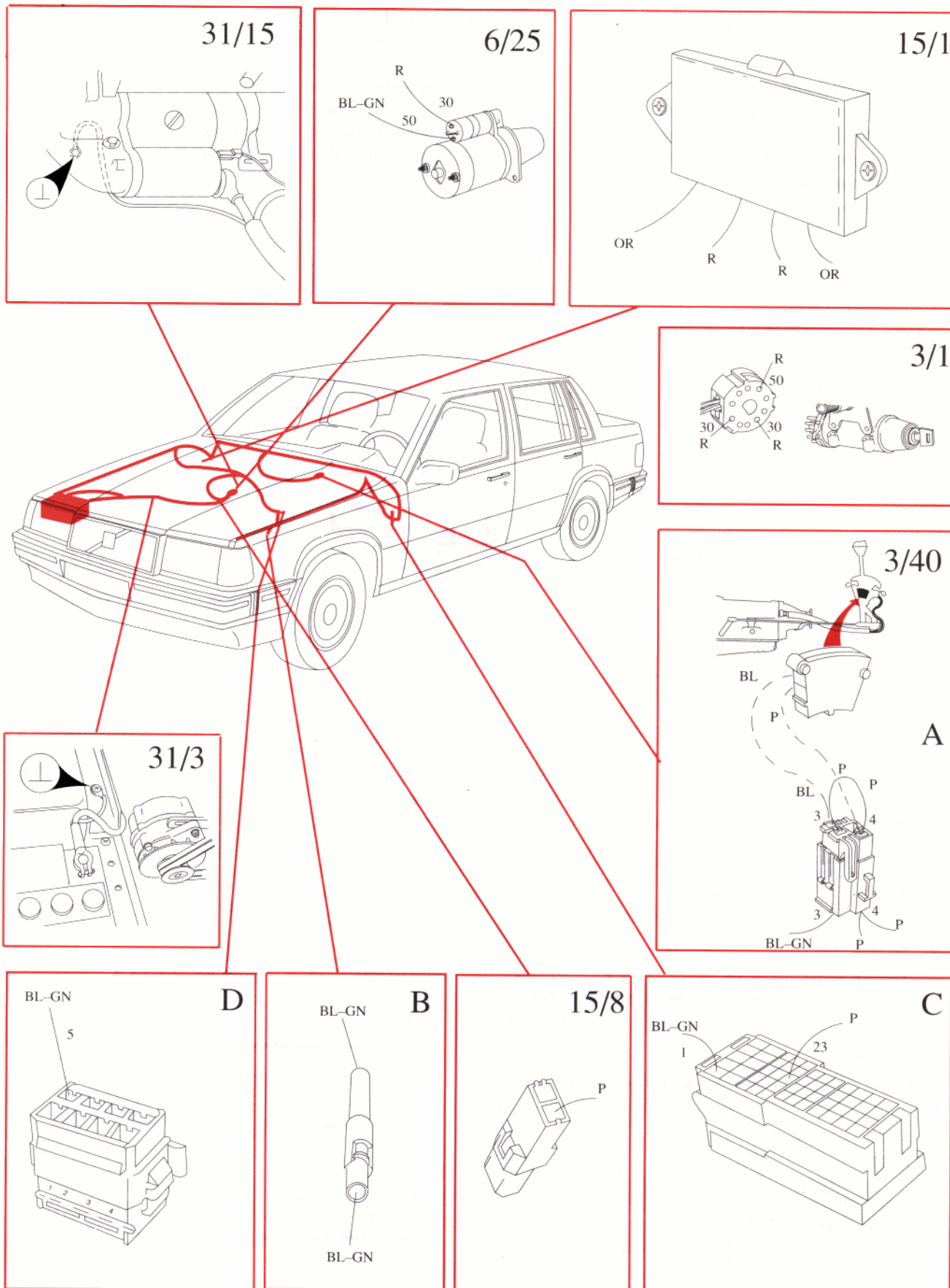
Control magnet pushes pinion to mesh with ring gear

Pinions in mesh, connections closed and starter motor operates

The start inhibitor switch (3/40) must be closed if the starter motor is to be energized.



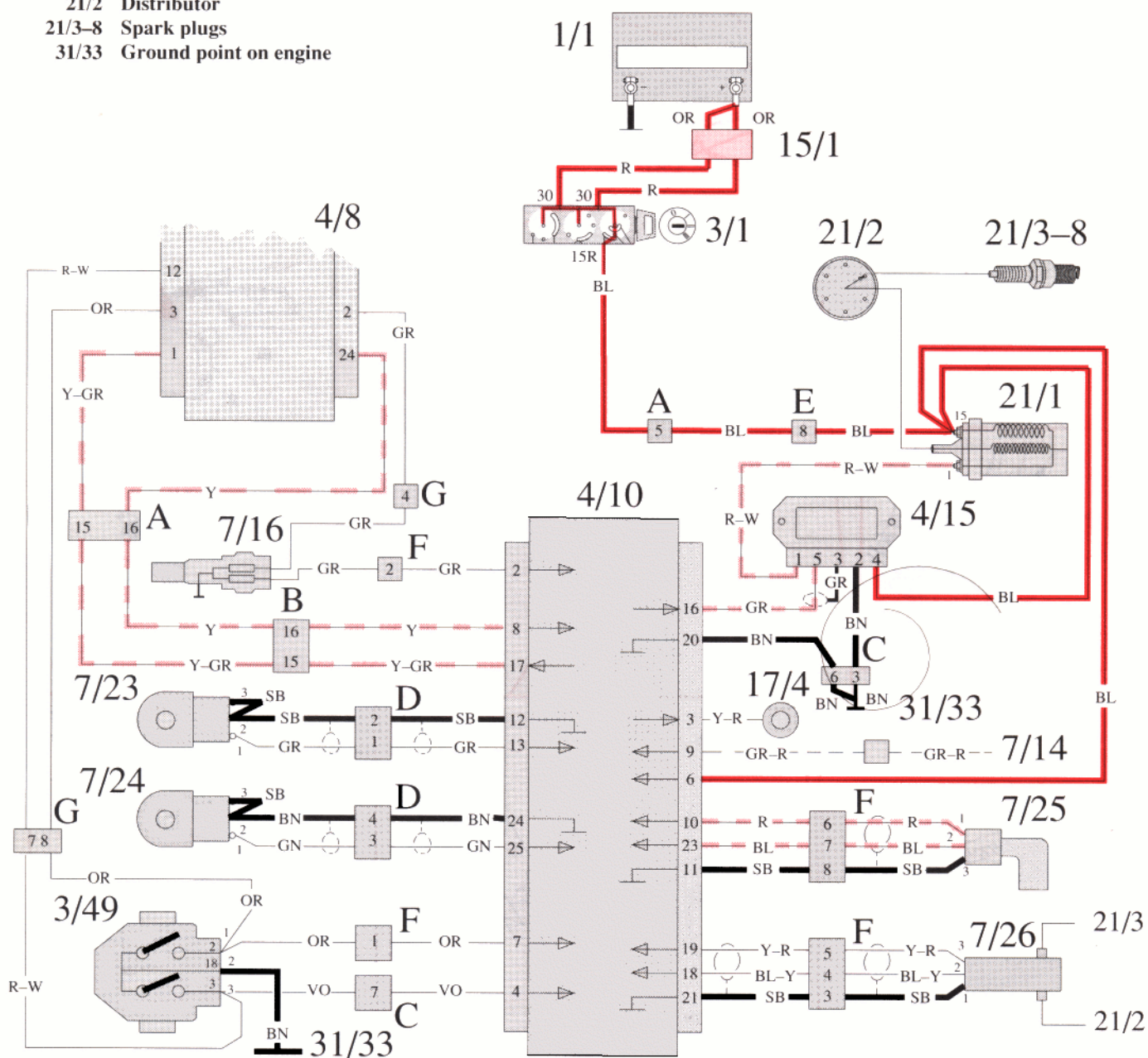
Starting circuit



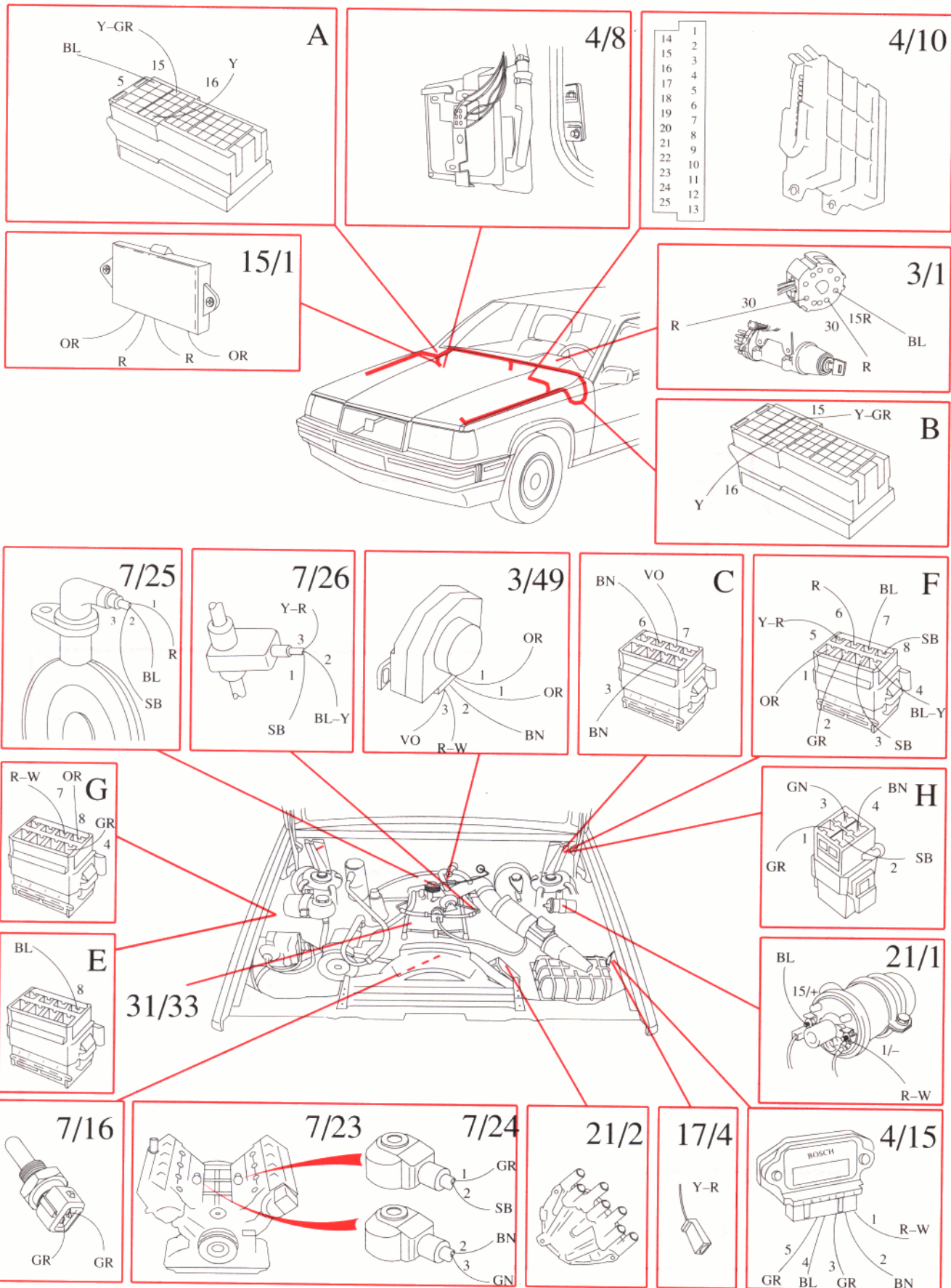
EZ 115K ignition system (B 280 F)

- 1/1 Battery
- 3/1 Ignition switch
- 3/49 Throttle switch
- 4/8 Control unit, fuel system
- 4/10 Control unit, ignition system
- 4/15 Power stage, ignition system
- 7/14 Thermostat, electric cooling fan
- 7/16 Temperature sensor
- 7/23 Knock sensor
- 7/24 Knock sensor
- 7/25 Tachometer, position transducer
- 7/26 No.1 cylinder position transducer
- 15/1 Positive terminal
- 17/4 Test socket, ignition system
- 21/1 Ignition coil
- 21/2 Distributor
- 21/3-8 Spark plugs
- 31/33 Ground point on engine

- A Connector, right A-post
- B Connector, left A-post
- C Connector, left suspension tower
- D Connector, left suspension tower
- E Connector, right suspension tower
- F Connector, left suspension tower
- G Connector, right suspension tower

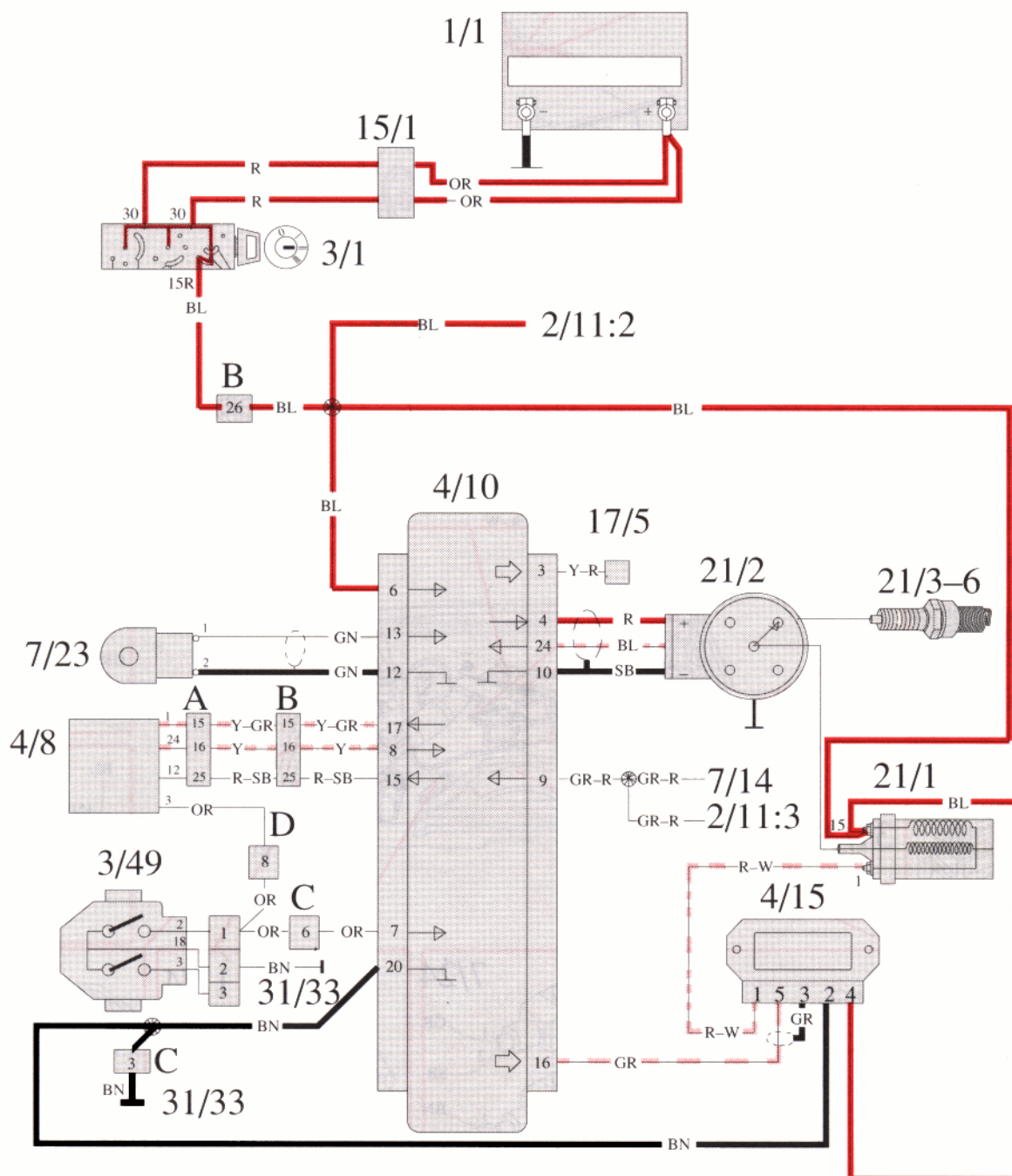


EZ 115K ignition system (B 280 F)

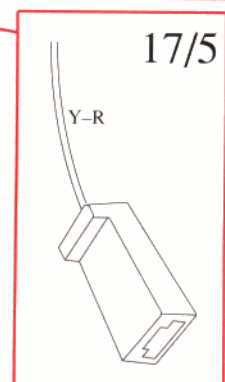
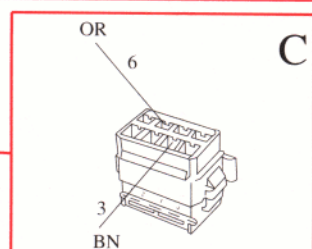
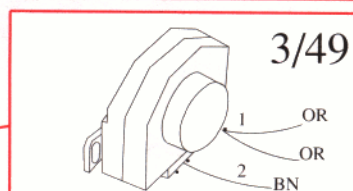
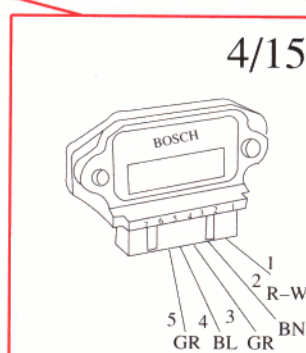
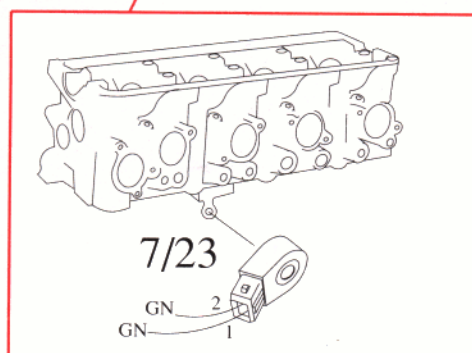
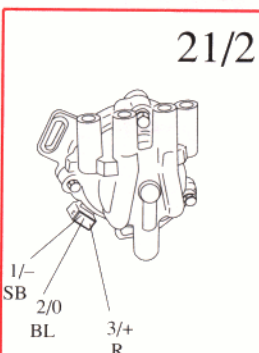
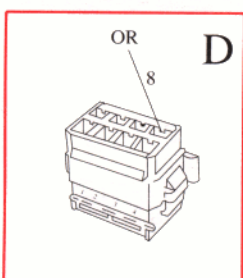
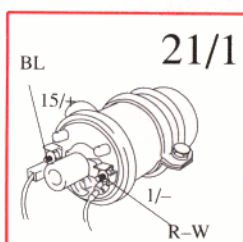
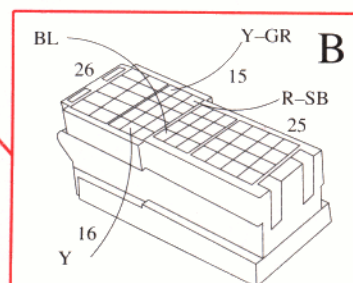
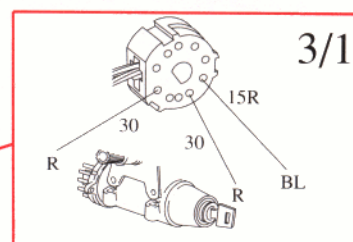
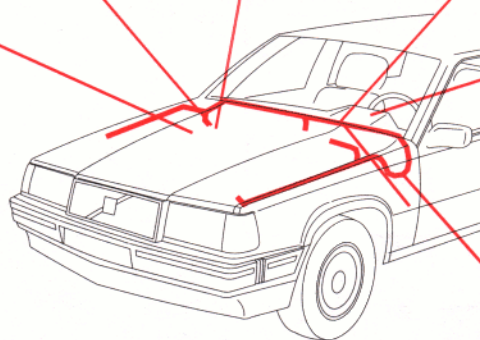
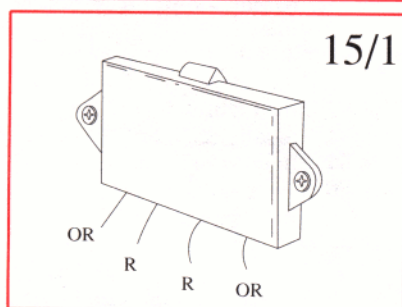
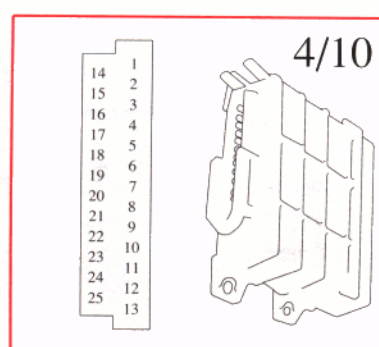
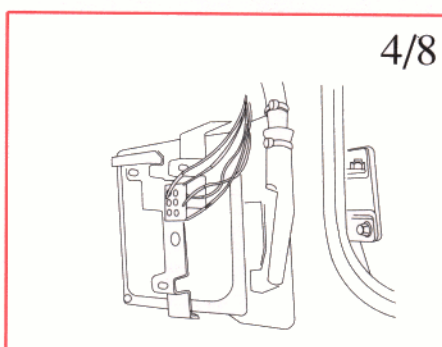
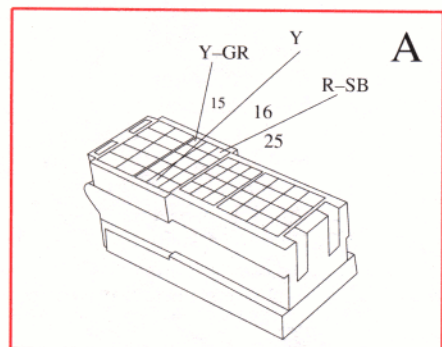


EZ 117K Ignition system (B 230 FT)

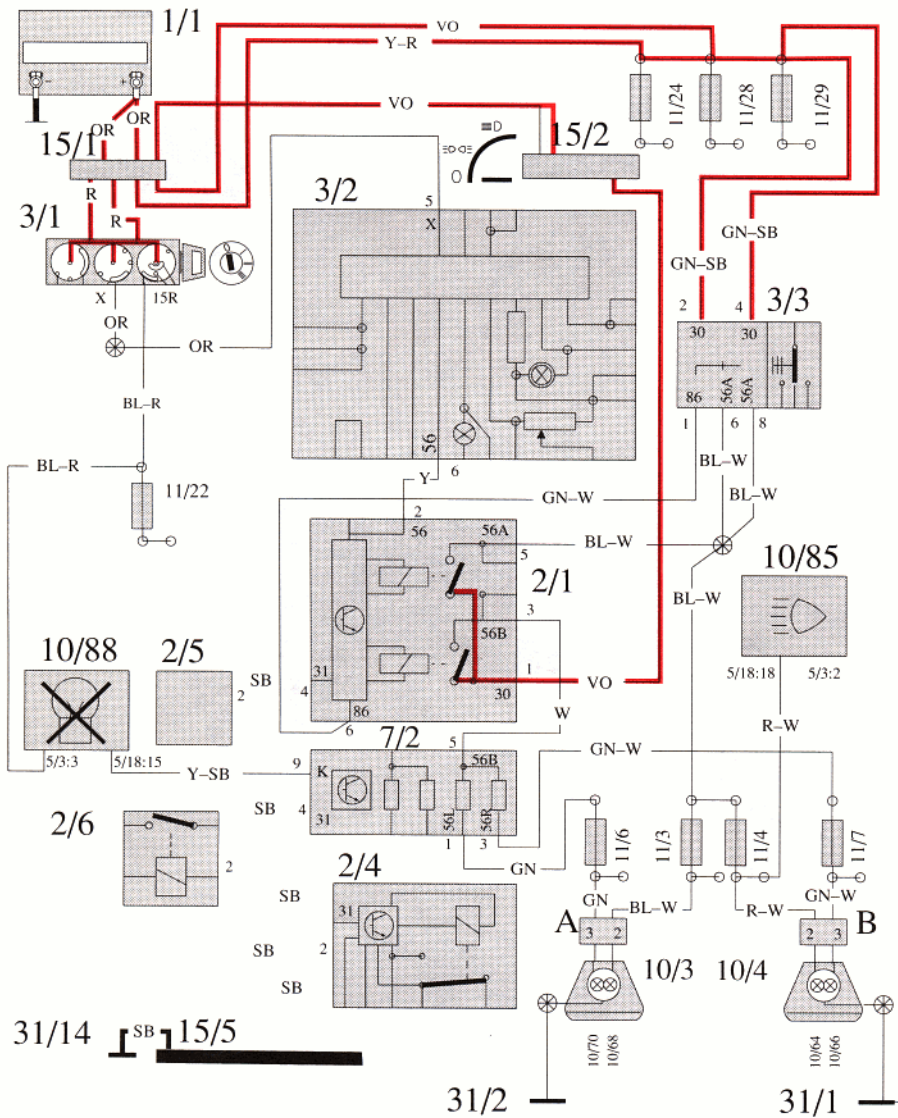
- | | | |
|-----------------------------------------|-----------------------------------|-------------------------------------|
| 1/1 Battery | 7/23 Knock sensor | A Connector, right A-post |
| 2/11 Relay, electric cooling fan | 15/1 Positive terminal | B Connector, left A-post |
| 3/1 Ignition switch | 17/5 Test socket, ignition system | C Connector, left suspension tower |
| 3/49 Throttle switch | 21/1 Ignition coil | D Connector, right suspension tower |
| 4/8 Control unit, fuel system | 21/2 Distributor | |
| 4/10 Control unit, ignition system | 21/3-6 Spark plugs | |
| 4/15 Power stage, ignition system | 31/33 Ground point on engine | |
| 7/14 Thermostat, electrical cooling fan | | |



EZ 117K Ignition system (B 230 FT)



High/Low beams

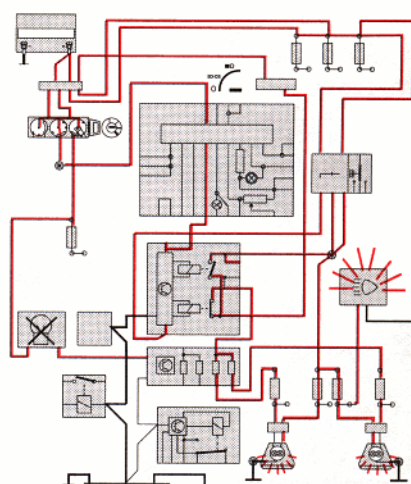
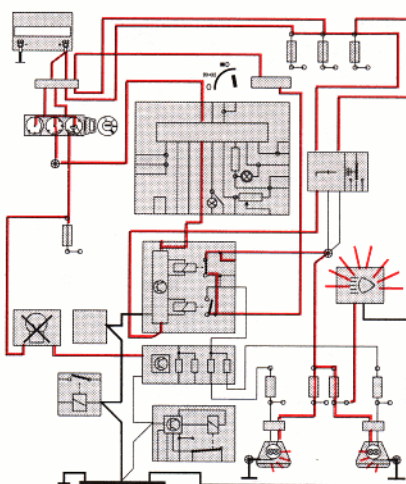
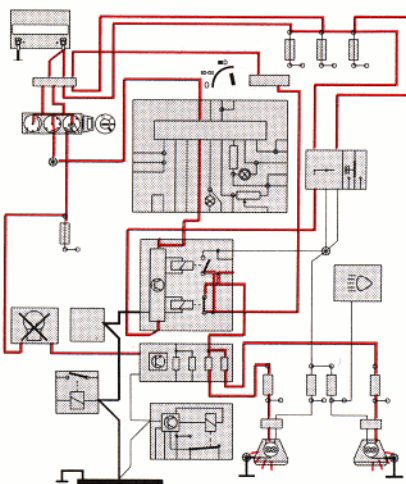


- 1/1 Battery
- 2/1 Relay, headlights
- 2/4 Relay, intermittent windshield wipers
- 2/5 Seat belt reminder
- 2/6 Headlight relay 15I
- 3/1 Ignition switch
- 3/2 Headlight switch
- 3/3 High/low beam switch
- 5/3 3-pole connector, instrument panel
- 5/18 18-pole connector, instrument panel
- 7/2 Bulb failure warning sensor, front
- 10/3 Headlight, left
- 10/4 Headlight, right
- 10/64 High beam bulb, right
- 10/66 Low beam bulb, right
- 10/68 High beam bulb, left
- 10/70 Low beam bulb, left
- 10/85 Indicator lamp, high beams
- 10/88 Indicator lamp, bulb failure warning sensor
- 11/1-35 Fuses
- 15/1 Positive terminal
- 15/2 30-terminal at relay unit
- 15/5 31-terminal at relay unit
- 31/1 Ground point, right front fender
- 31/2 Ground point, left front fender
- 31/14 Ground point, relay unit
- A Connector, left A-post
- B Connector, right A-post

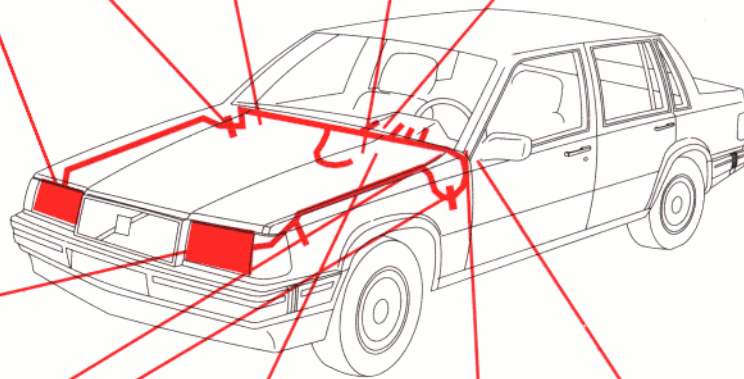
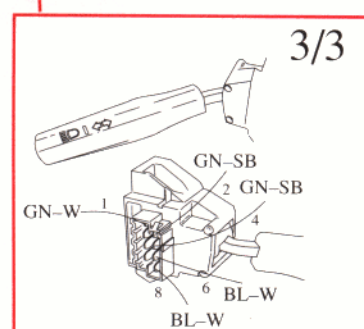
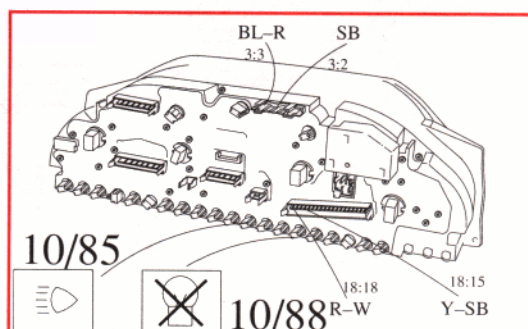
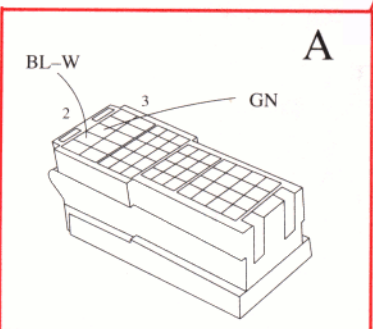
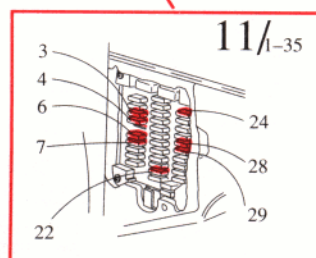
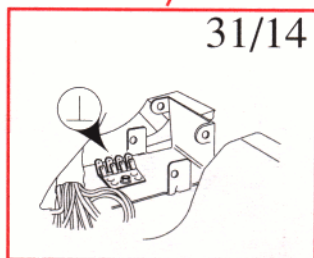
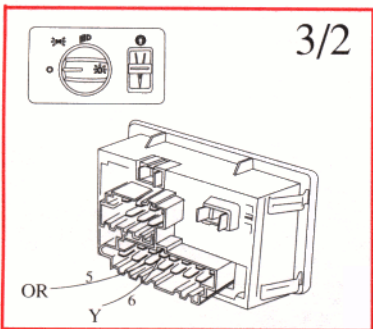
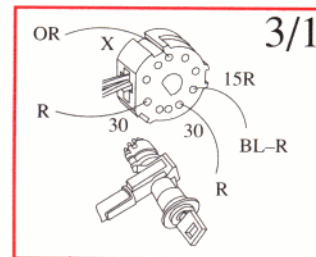
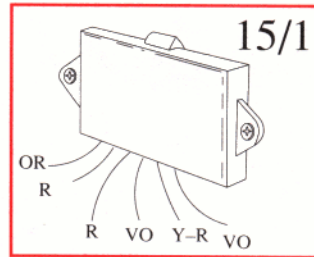
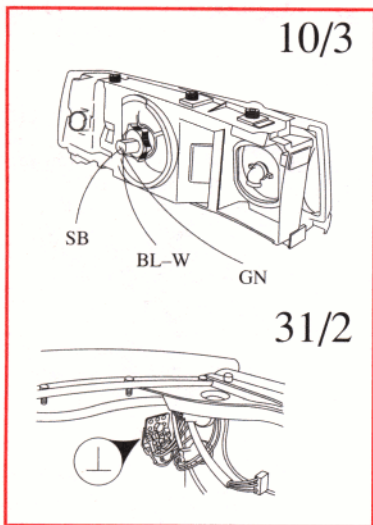
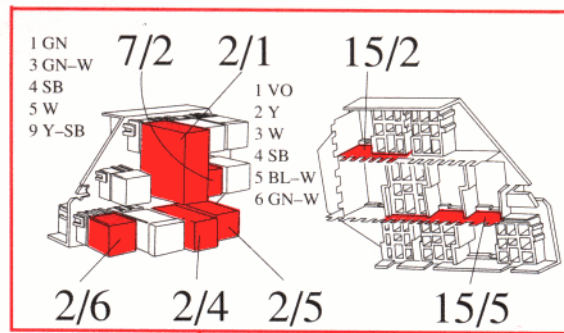
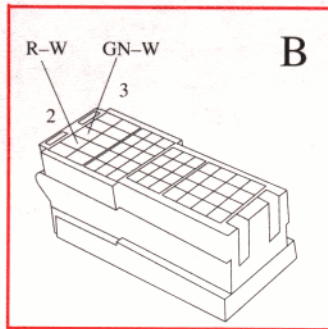
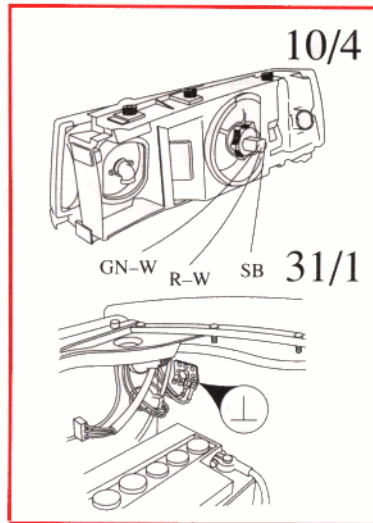
Low beam

High beam

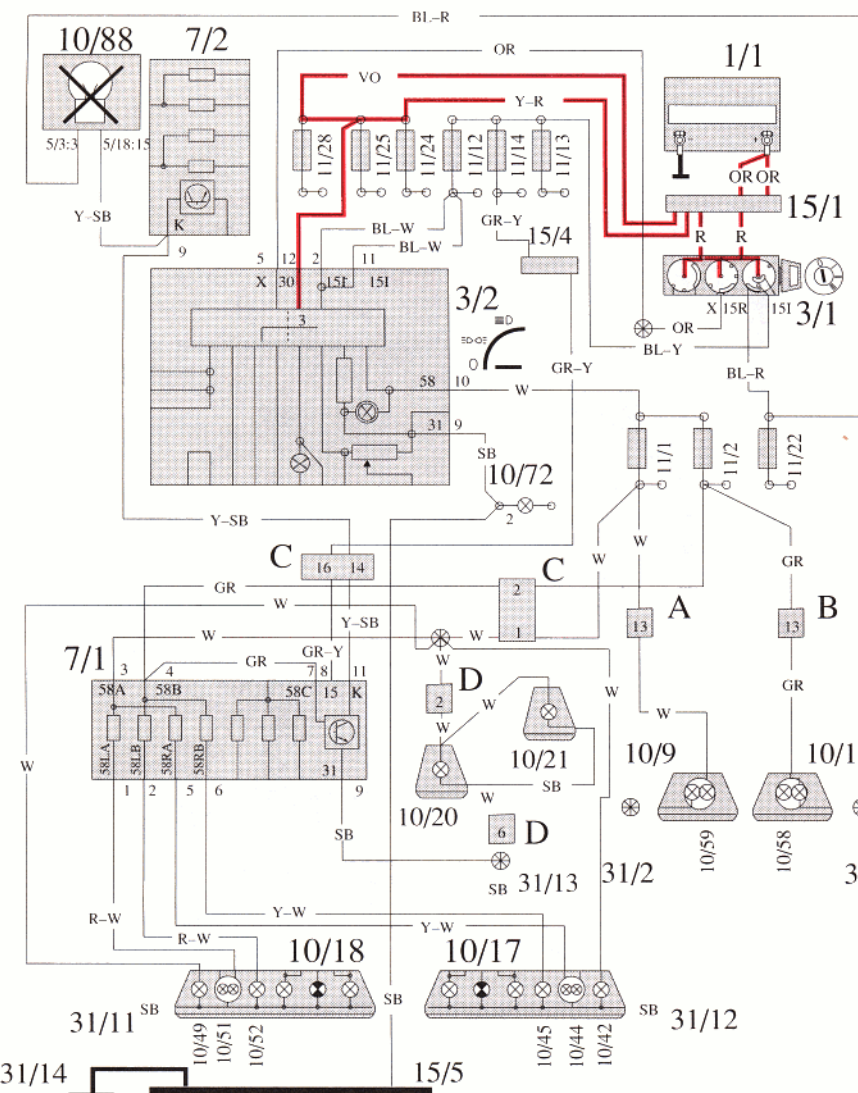
Flash



High/Low beams



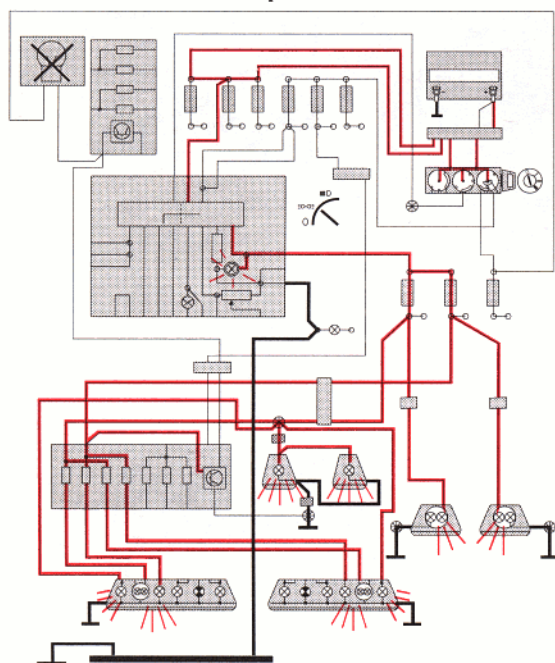
Parking, tail and license plate lights



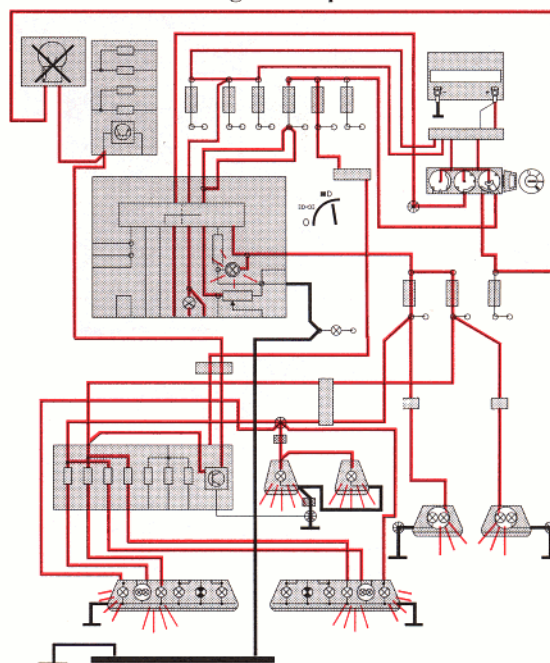
- 1/1 Battery
- 3/1 Ignition switch
- 3/2 Headlight switch
- 5/3 3-pole connector, instrument panel
- 5/18 18-pole connector, instrument panel
- 7/1 Bulb failure warning sensor, rear
- 7/2 Bulb failure warning sensor, front
- 10/9 Left parking light and direction indicator, front
- 10/10 Right parking light and direction indicator, front
- 10/17 Right tail light
- 10/18 Left tail light
- 10/20 Left license plate light
- 10/21 Right license plate light
- 10/42 Right side marker light, rear
- 10/44 Right parking light, rear
- 10/45 Right parking light/tail light
- 10/49 Left side marker light, rear
- 10/51 Left parking light, rear
- 10/52 Left parking light/tail light
- 10/58 Right parking light, front
- 10/59 Left parking light, front
- 10/72 Ash tray light
- 10/88 Indicator lamp, bulb failure warning sensor
- 11/1-35 Fuses
- 15/1 Positive terminal
- 15/4 151-terminal at relay unit
- 15/5 31-terminal at relay unit
- 31/1 Ground point, right front fender
- 31/2 Ground point, left front fender
- 31/11 Ground point, left tail light
- 31/12 Ground point, right tail light
- 31/13 Ground point, left rear wheelhouse
- 31/14 Ground point at relay unit

- A Connector, left A-post
- B Connector, right A-post
- C Connector, left A-post
- D Connector at tailgate (wagon)

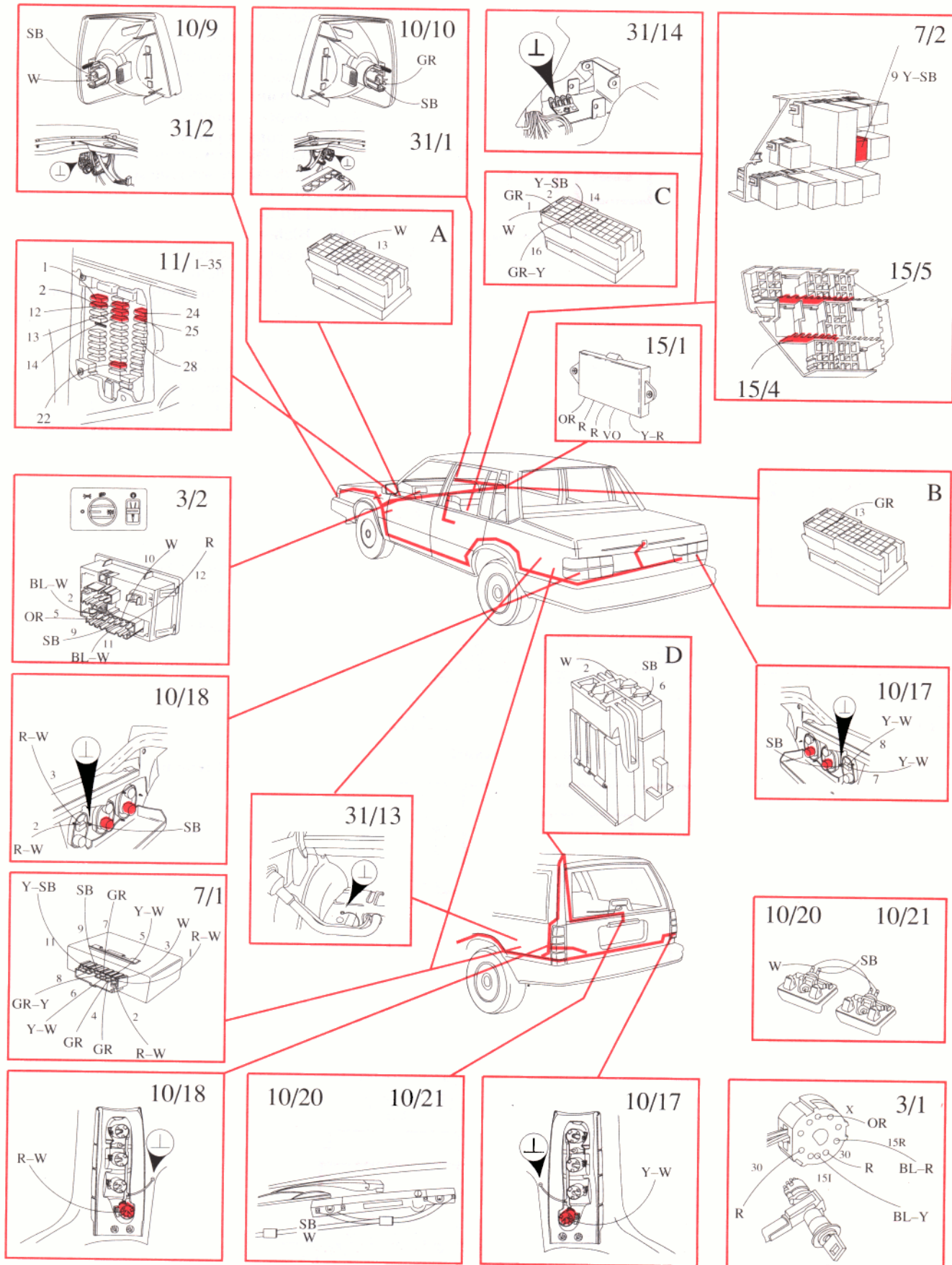
Ignition key in position 0.
Switch in low beam position.



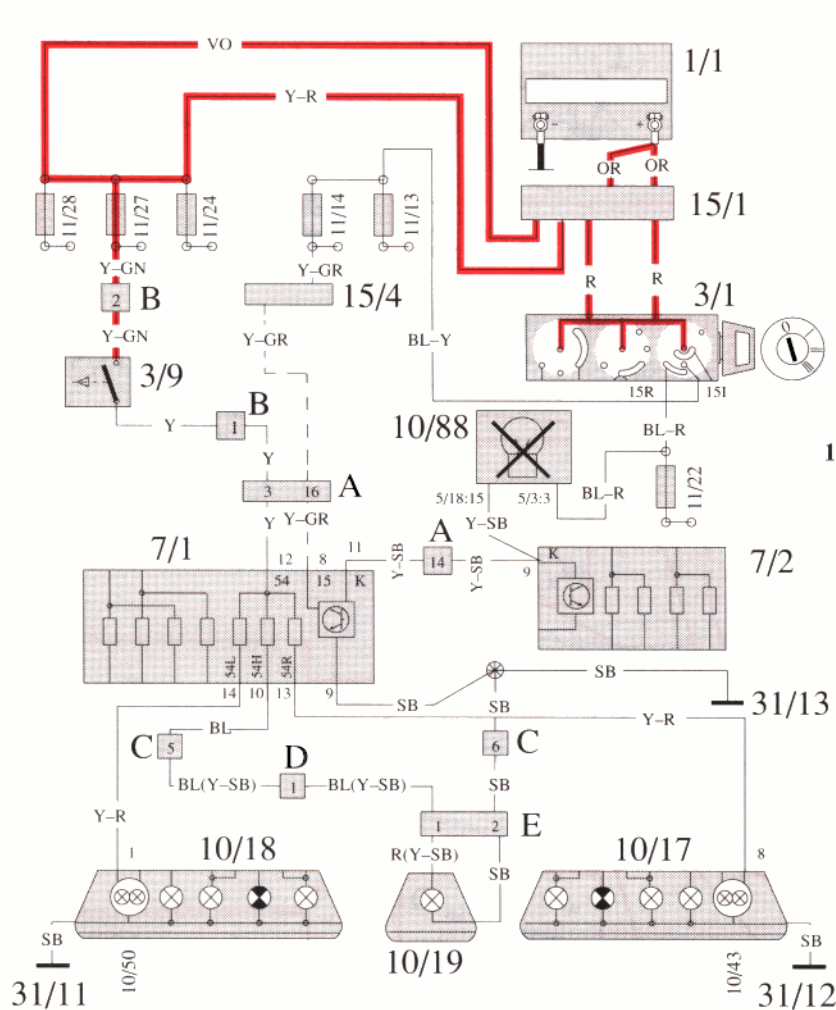
Ignition key in position II.
Switch in high beam position.



Parking, tail and license plate lights



Brake lights

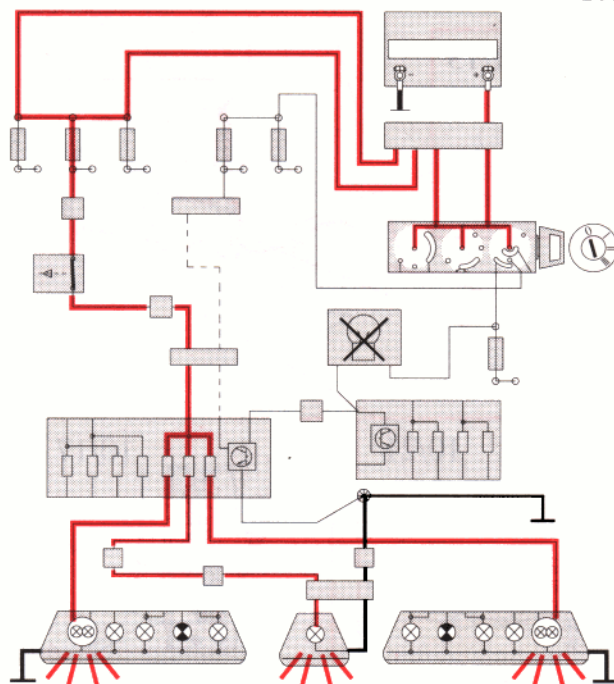


- 1/1 Battery
- 3/1 Ignition switch
- 3/9 Brake light switch
- 5/3 3-pole connector, instrument panel
- 5/18 18-pole connector, instrument panel
- 7/1 Bulb failure warning sensor, rear
- 7/2 Bulb failure warning sensor, front
- 10/17 Right tail light
- 10/18 Left tail light
- 10/19 High-mounted brake light
- 10/43 Right brake light
- 10/50 Left brake light
- 10/88 Indicator lamp, bulb failure warning sensor
- 11/1-35 Fuses
- 15/1 Positive terminal
- 15/4 15I-terminal at relay unit
- 31/11 Ground point, left tail light
- 31/12 Ground point, right tail light
- 31/13 Ground point, left rear wheelhouse

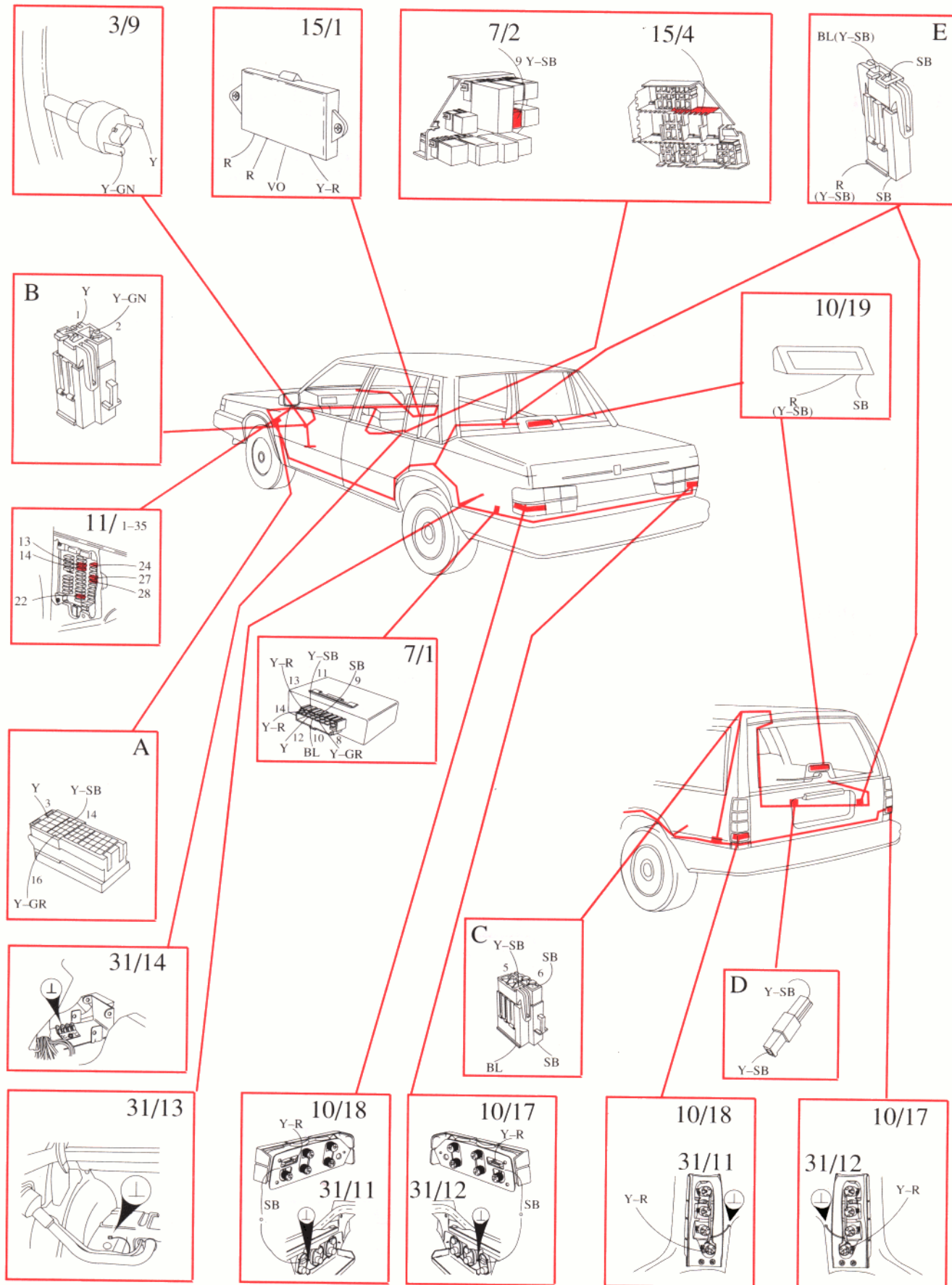
- A Connector, left A-post
- B Connector for brake light switch
- C Connector, tailgate (wagon)
- D Connector, tailgate (wagon)
- E Connector, high-mounted brake light

Brake pedal depressed

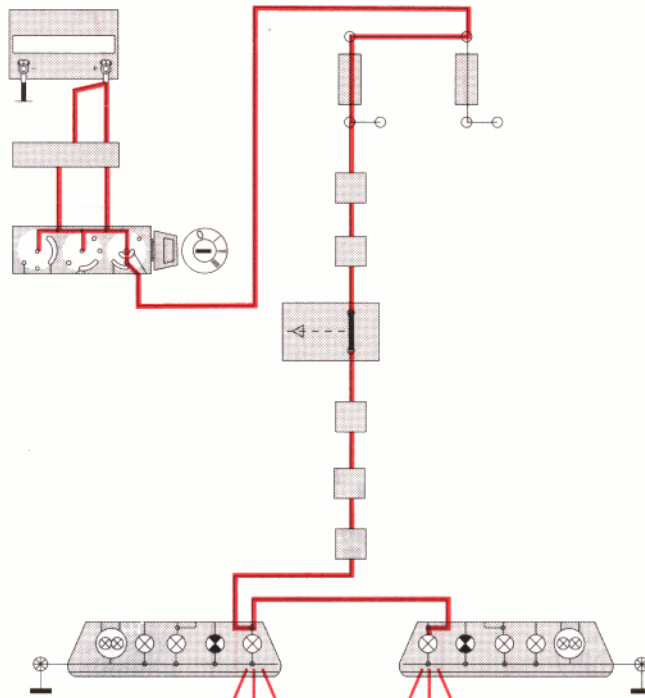
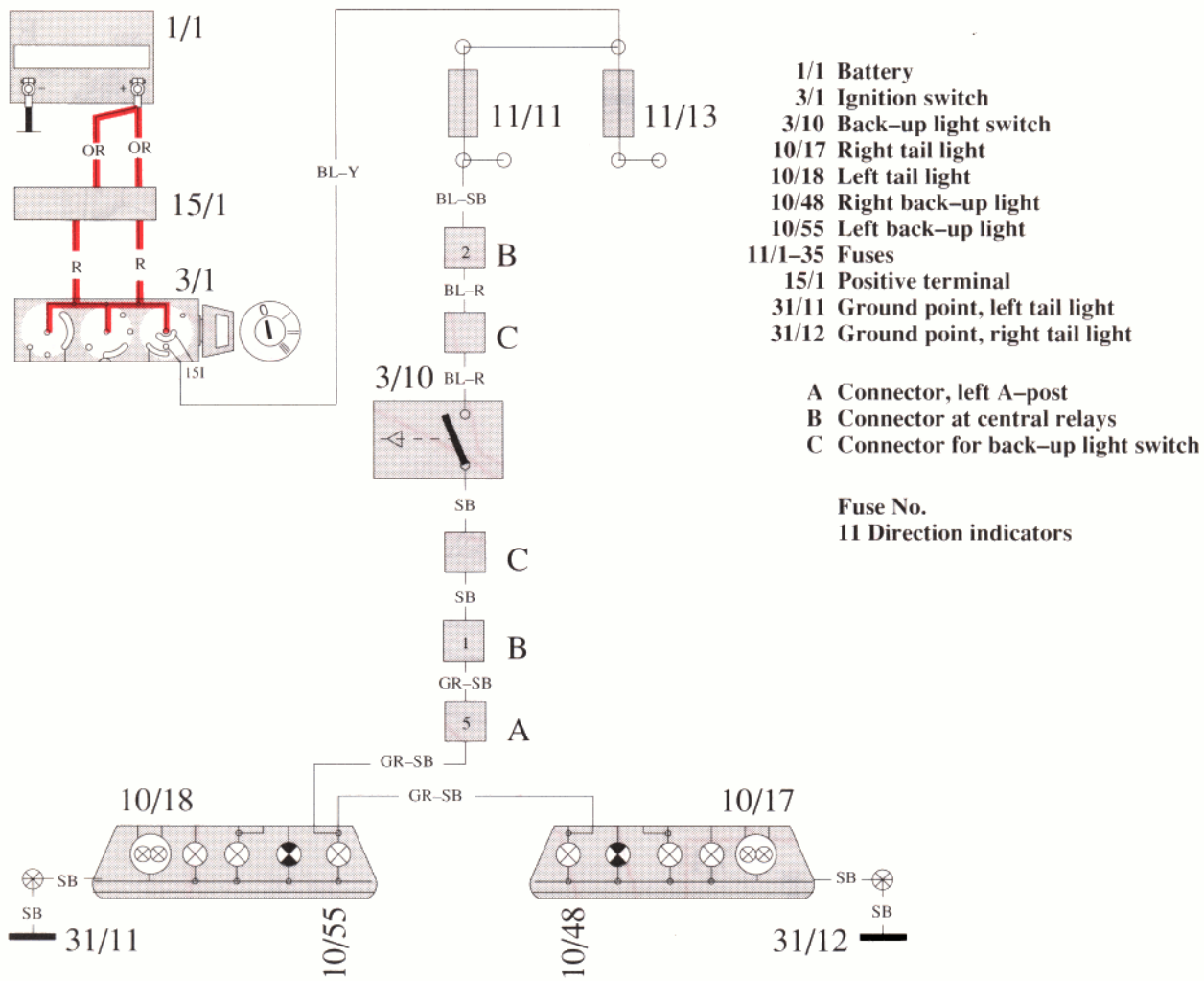
Fuse No.
14 Seat belt reminder



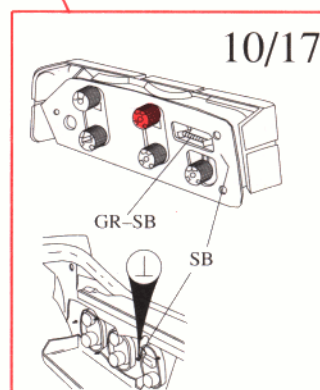
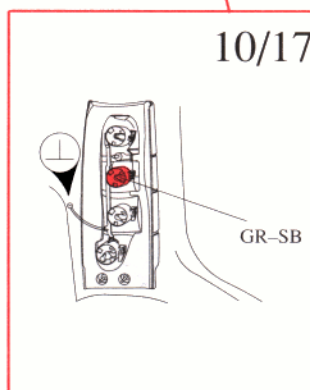
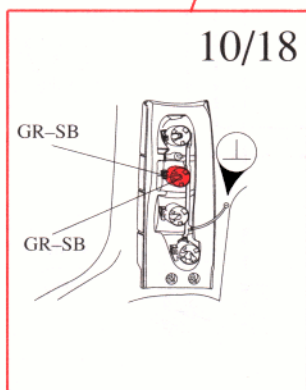
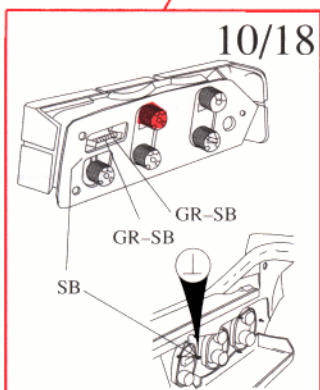
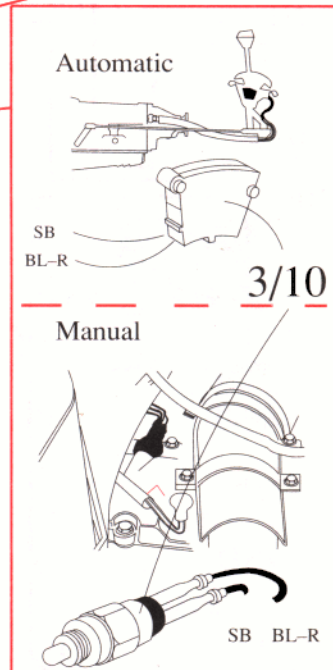
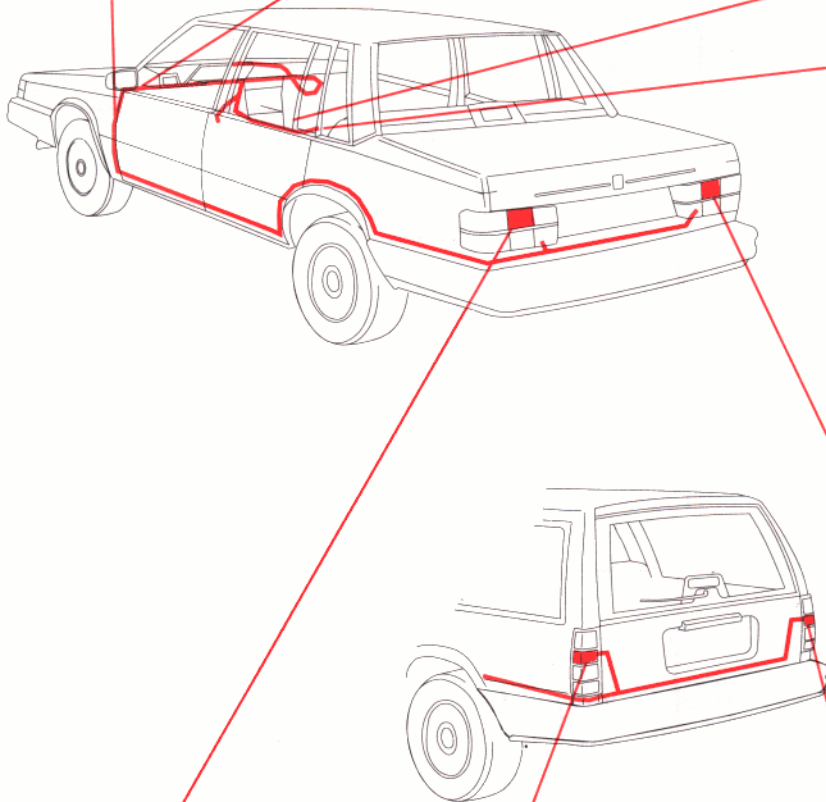
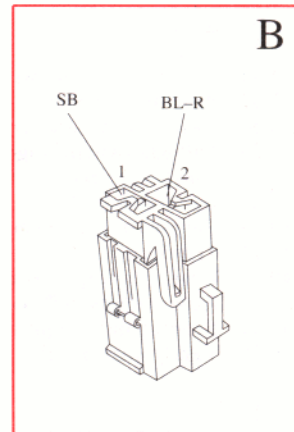
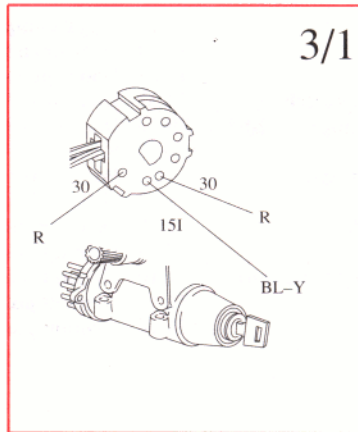
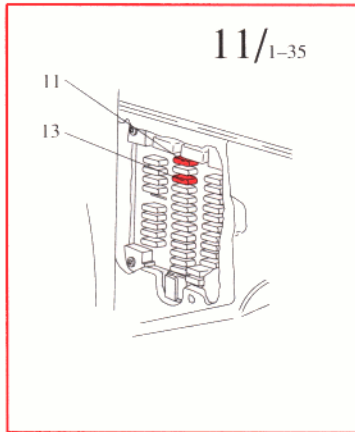
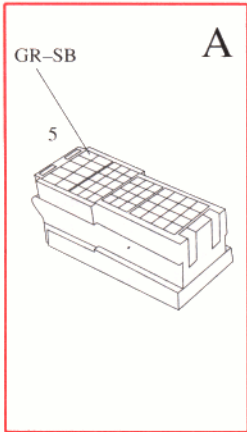
Brake lights



Back-up lights



Back-up lights

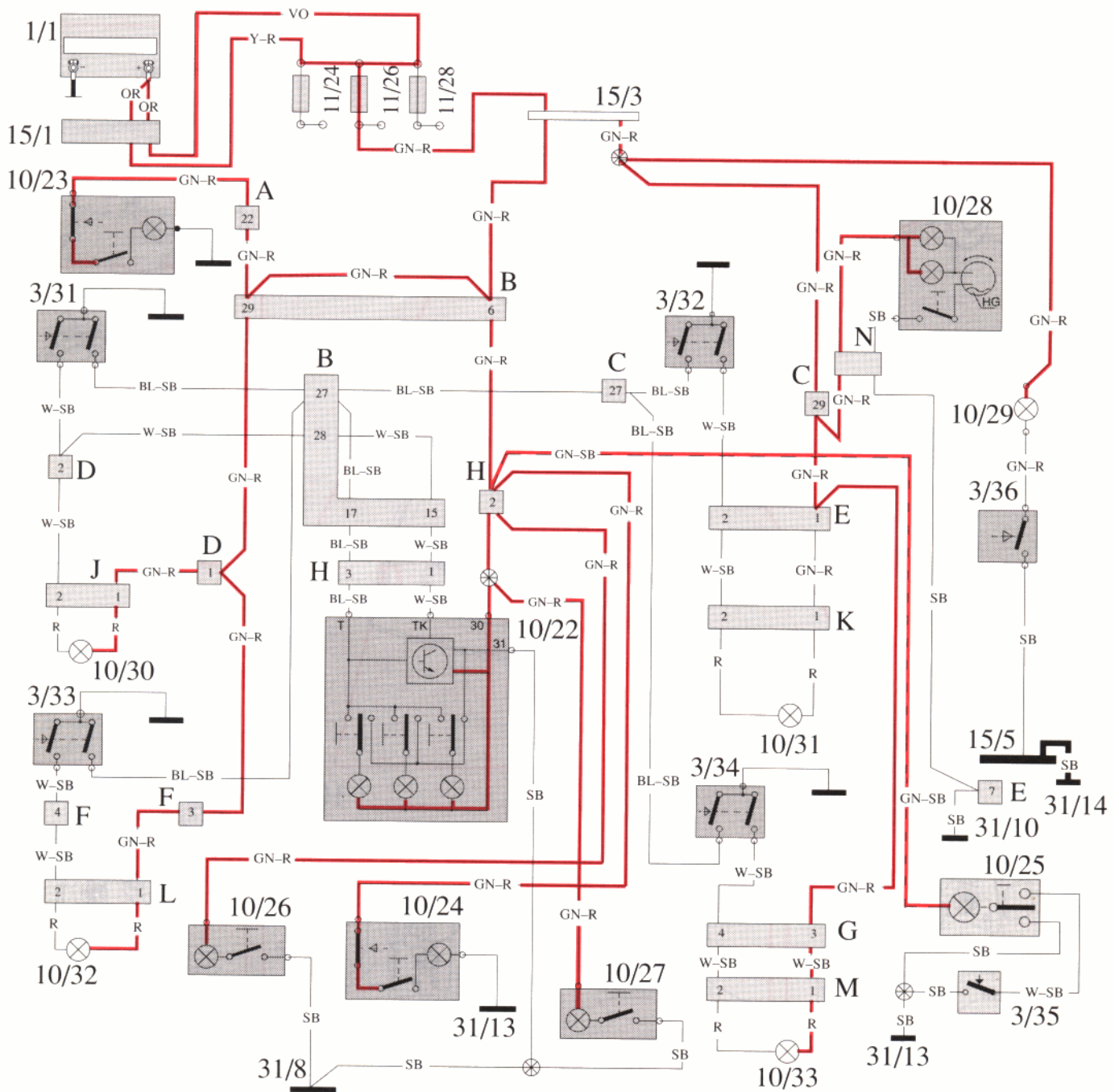


Interior, engine compartment, trunk and door open lights

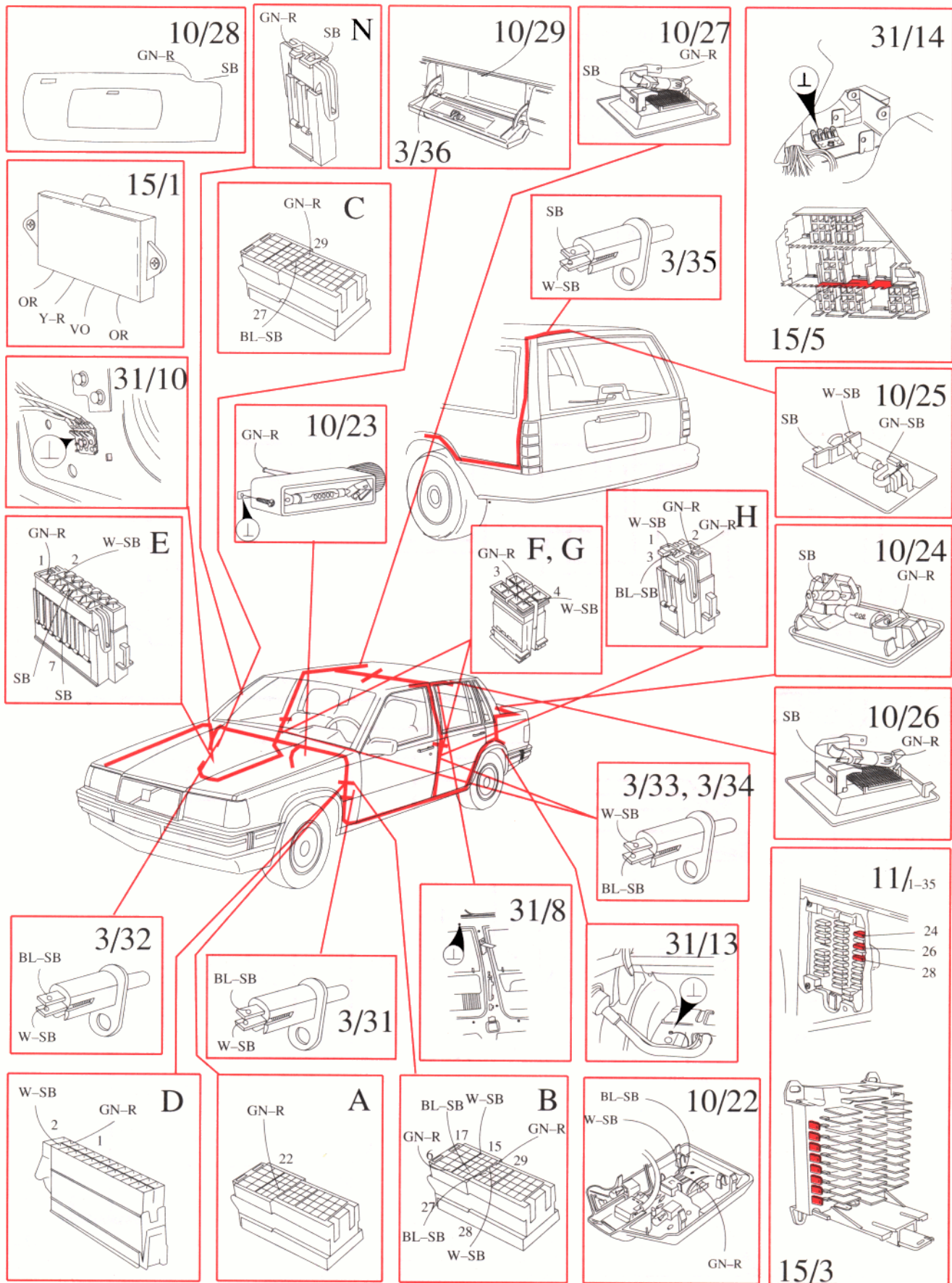
- 1/1 Battery
- 3/31 Driver's door switch
- 3/32 Passenger's door switch
- 3/33 Rear door, driver's side, switch
- 3/34 Rear door, passenger's side, switch
- 3/35 Tailgate switch (wagon)
- 3/36 Glove compartment light switch
- 10/22 Interior light
- 10/23 Engine compartment light
- 10/24 Trunk light
- 10/25 Luggage compartment light (wagon)
- 10/26 Reading light, left rear
- 10/27 Reading light, right rear
- 10/28 Vanity mirror light

- 10/29 Glove compartment light
- 10/30 Door open light, driver's door
- 10/31 Door open light, Passenger's door
- 10/32 Door open light, rear door, driver's side
- 10/33 Door open light, rear door, passenger's side
- 11/1-35 Fuses
- 15/1 Positive terminal
- 15/3 30 Terminal at fuse box
- 15/5 31 Terminal at relay unit
- 31/8 Ground point, left B-post
- 31/10 Ground point, right A-post
- 31/13 Ground point, left rear wheelhouse
- 31/14 Ground point, central relays

- A Connector, left A-post
- B Connector, left A-post
- C Connector, right A-post
- D Connector, driver's door
- E Connector, passenger's door
- F Connector, rear door
- G Connector, rear door
- H Connector, left B-post
- J Connector, driver's door
- K Connector, passenger's door
- L Connector, rear door
- M Connector, rear door
- N Connector, right A-post



Interior, engine compartment, trunk and door open lights

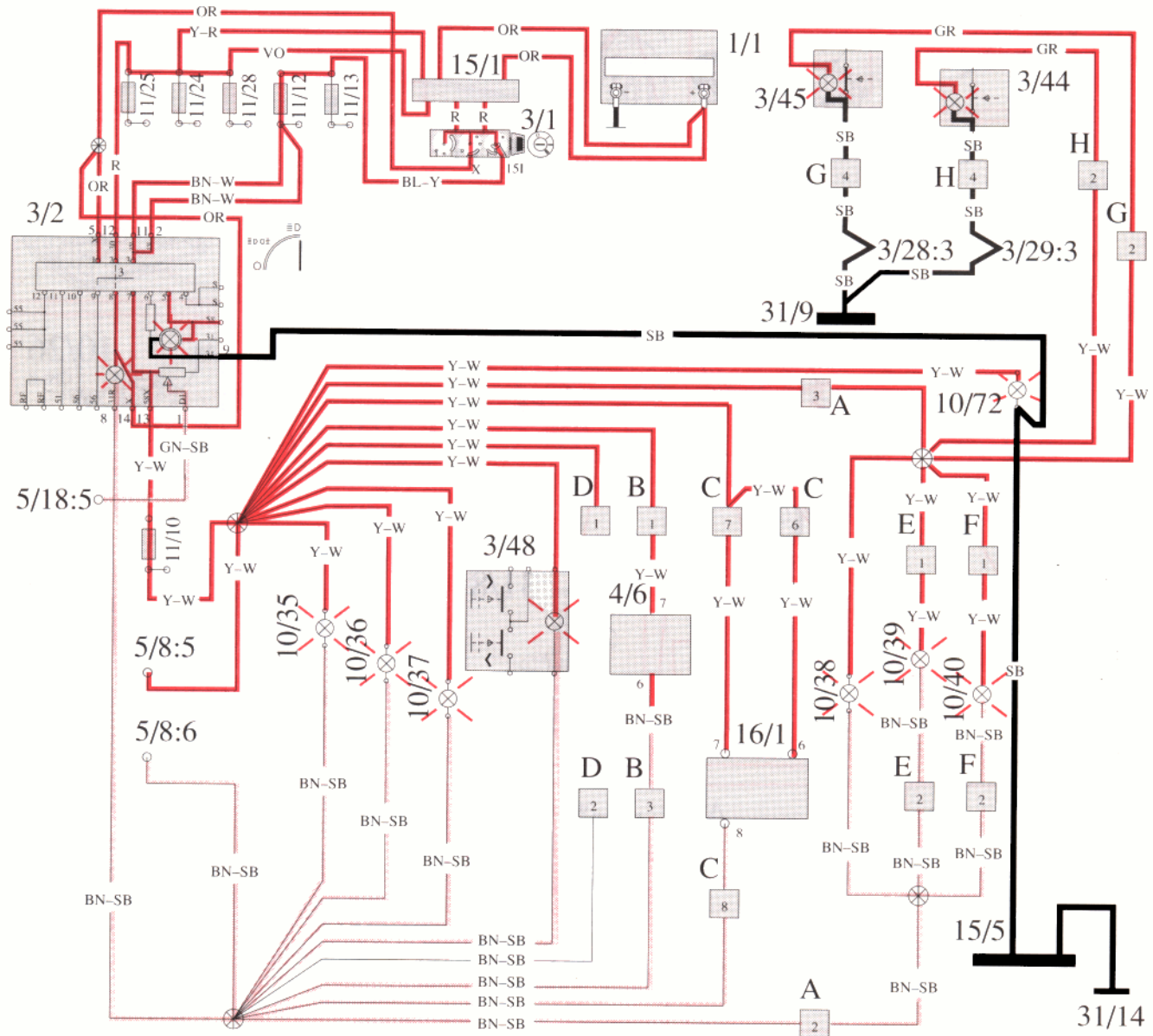


Instrument and control panel lighting

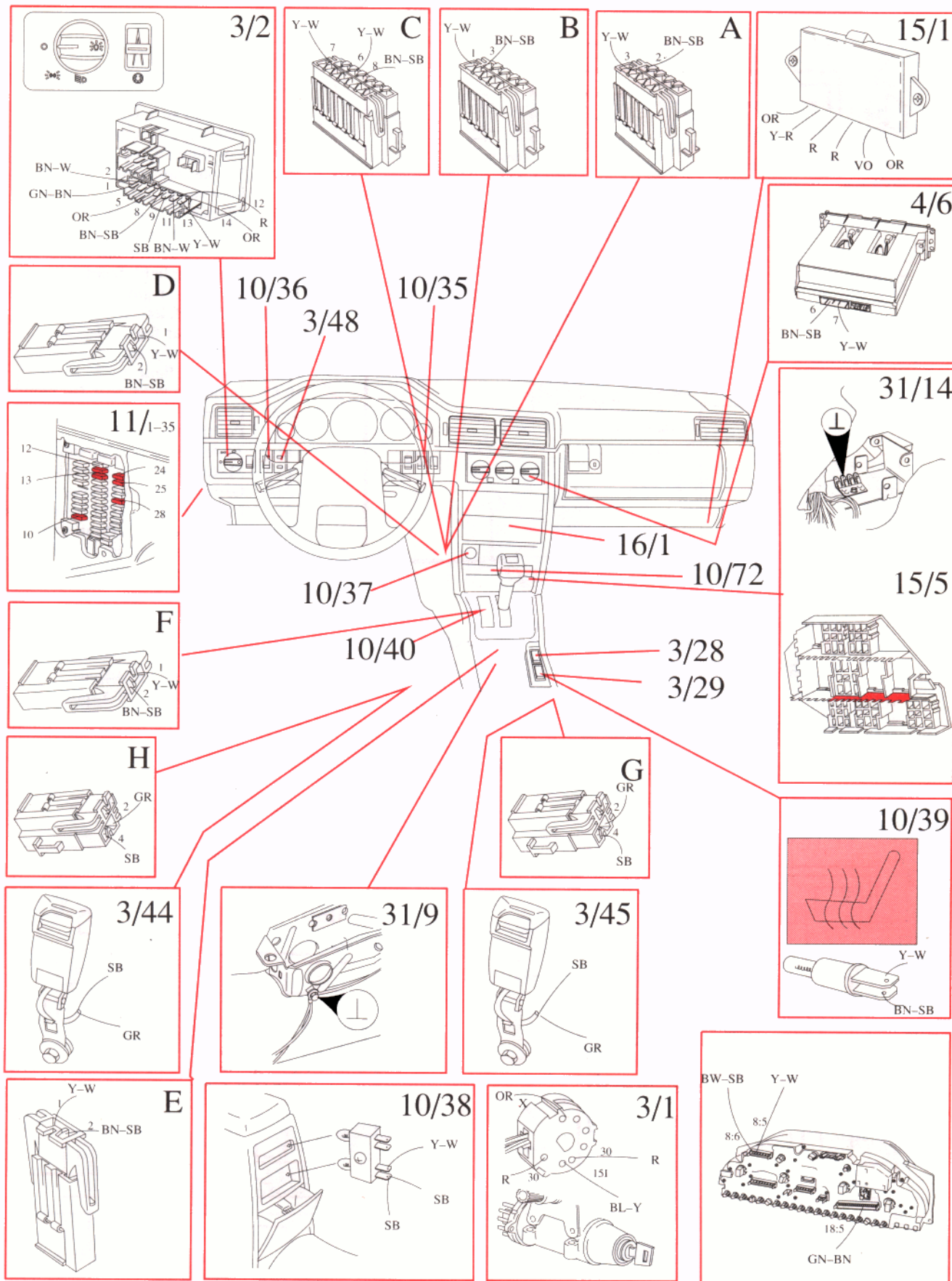
- 1/1 Battery
- 3/1 Ignition switch
- 3/2 Headlight switch
- 3/28 Seat heater switch, driver
- 3/29 Seat heater switch, passenger
- 3/44 Seat belt lock, driver
- 3/45 Seat belt lock, passenger
- 3/48 Clock setting
- 4/6 Heater controls, ECC
- 5/8 8-pole connector, instrument panel
- 5/18 18-pole connector, instrument panel

- 10/35 Sunroof switch light
- 10/36 Instrument and panel lighting
- 10/37 Cigarette lighter light
- 10/38 Ashtray light, rear
- 10/39 Seat heater switch light
- 10/40 Gear selector light
- 10/72 Ashtray light, front
- 11/1-35 Fuses
- 15/1 Positive terminal
- 15/5 31-terminal, relay unit
- 16/1 Radio
- 31/9 Ground point, parking brake lever
- 31/14 Ground point, relay unit

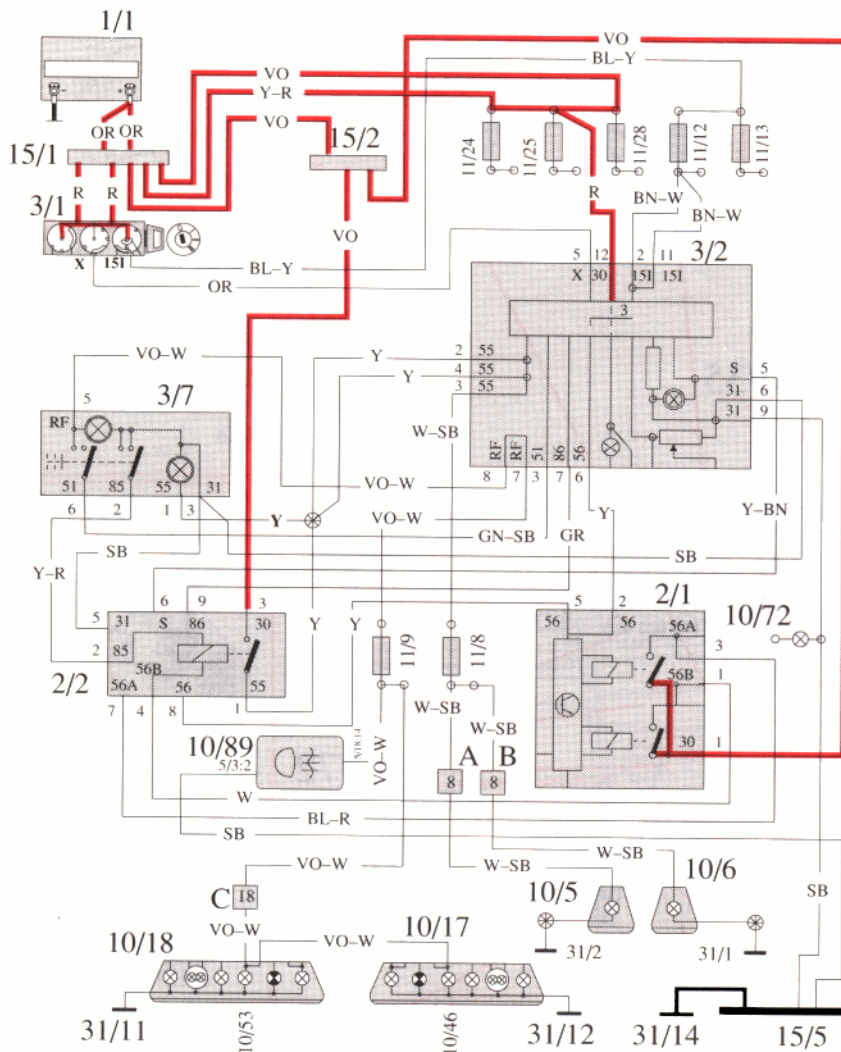
- A Connector at relay unit
- B Connector at relay unit
- C Connector at relay unit
- D Connector at relay unit
- E Connector at heated seat switches
- F Connector at gear selector
- G Connector seat belt lock
- H Connector seat belt lock



Instrument and control panel lighting



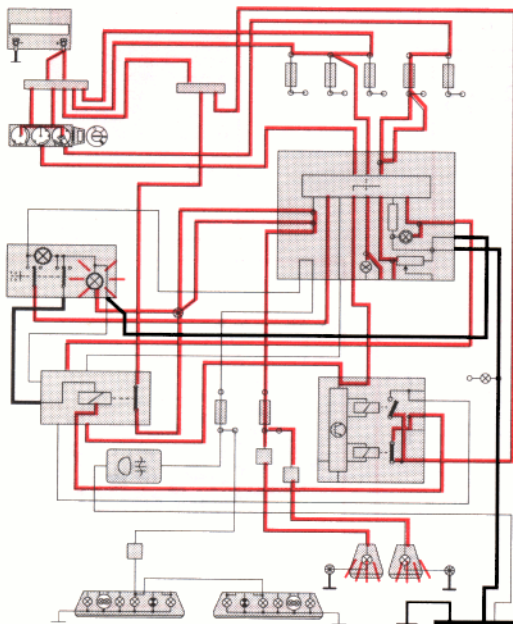
Fog lights



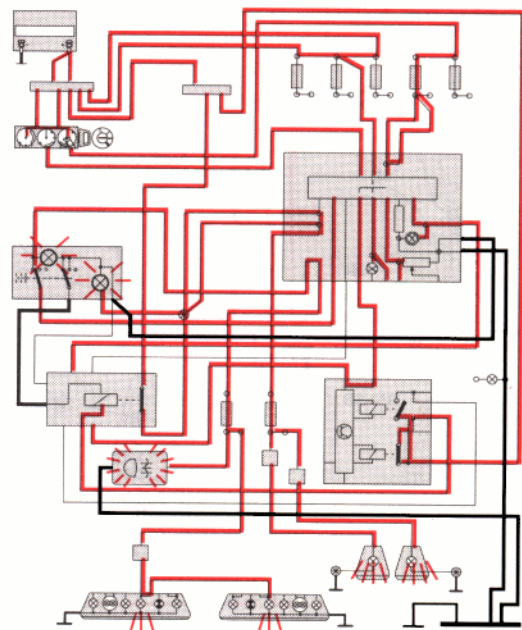
- 1/1 Battery
- 2/1 Headlight relay
- 2/2 Fog light relay
- 3/1 Ignition switch
- 3/2 Headlight switch
- 3/7 Fog light switch
- 5/3 3-pole connector, instrument panel
- 5/18 18-pole connector, instrument panel
- 10/5 Left fog light, front
- 10/6 Right fog light, front
- 10/17 Tail light, right
- 10/18 Tail light, left
- 10/46 Right rear fog light
- 10/53 Left rear fog light
- 10/72 Ash tray light
- 10/89 Indicator light, rear fog lights
- 11/1-35 Fuses
- 15/1 Positive terminal
- 15/2 30-terminal at relay unit
- 15/5 31-terminal at relay unit
- 31/1 Ground point, left front fender
- 31/2 Ground point, right front fender
- 31/11 Ground point, left tail light
- 31/12 Ground point, right tail light
- 31/14 Ground point, relay unit

- A Connector, left A-post
- B Connector, right A-post
- C Connector, left A-post

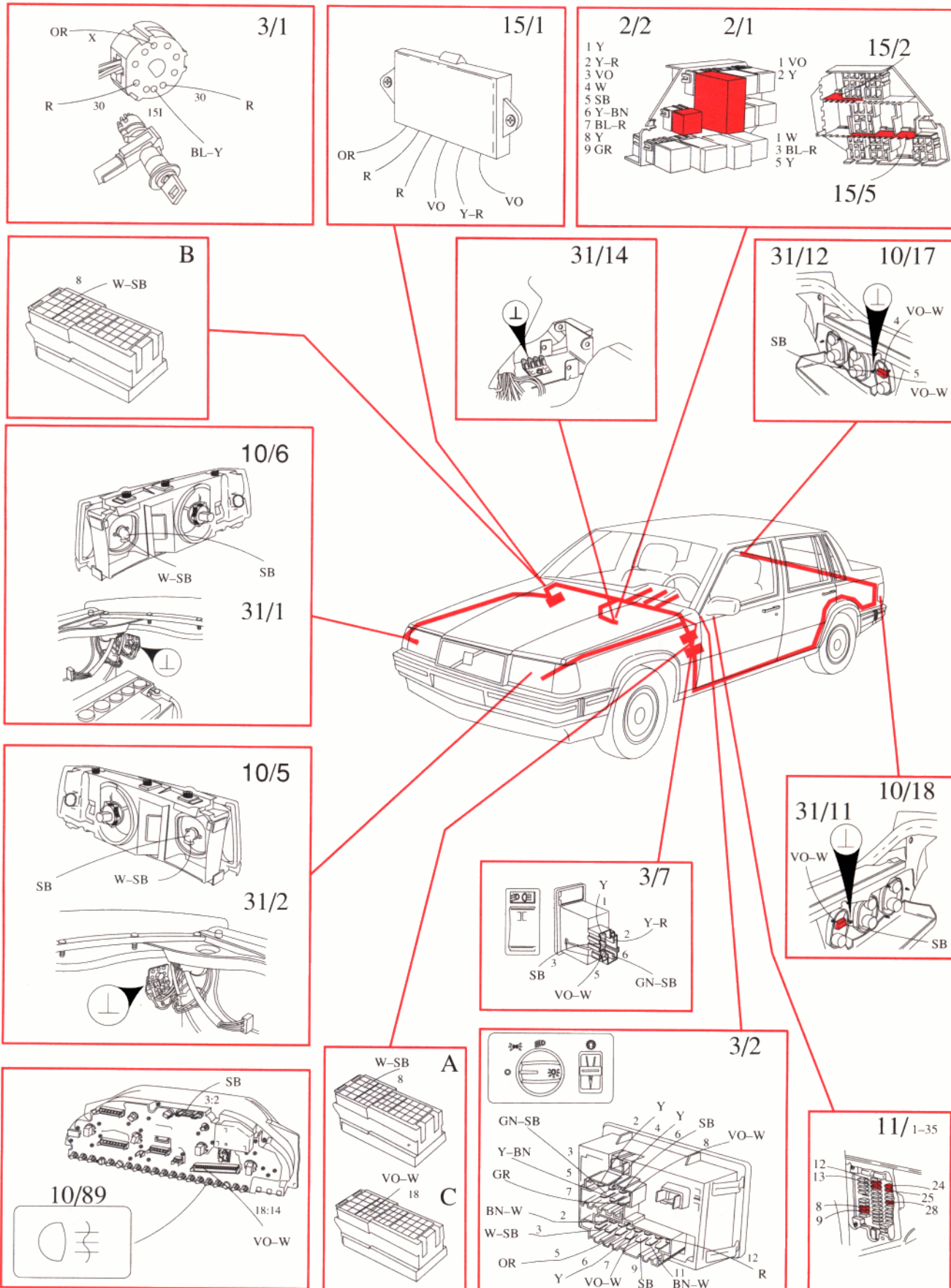
**Front fog lights ON
Low beams ON**



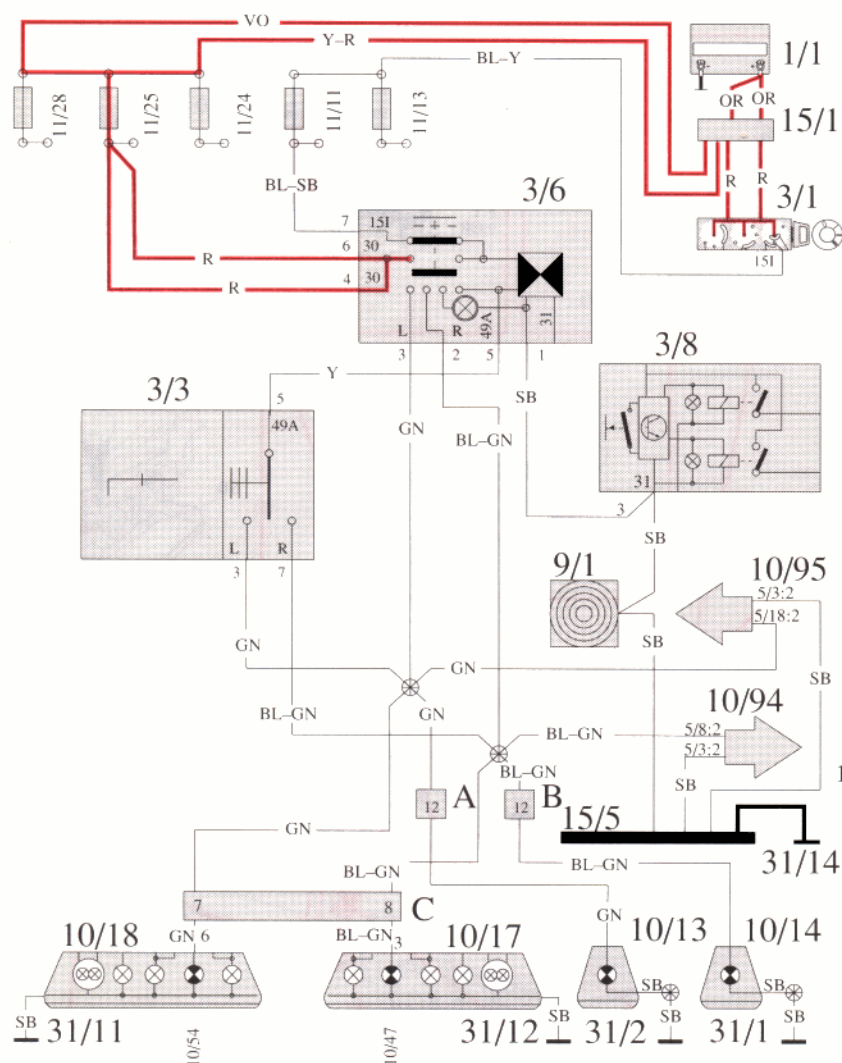
**Front and rear fog lights ON
Low beams ON**



Fog lights



Direction indicators, hazard warning flashers

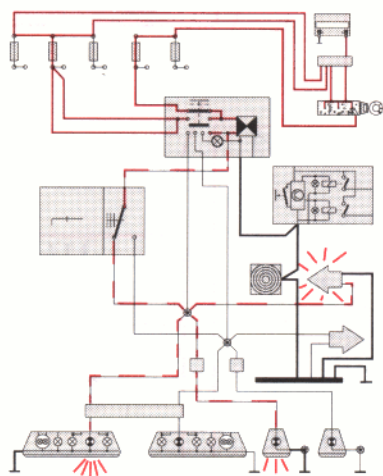


- 1/1 Battery
- 3/1 Ignition switch
- 3/3 Switch, direction indicators
- 3/6 Switch, Hazard warning lights
- 3/8 Switch, heated rear window
- 5/3 3-pole connector, instrument panel
- 5/8 8-pole connector, instrument panel
- 5/18 18-pole connector, instrument panel
- 9/1 Cigarette lighter
- 10/13 Direction indicator, left
- 10/14 Direction indicator, right
- 10/17 Tail light, right
- 10/18 Tail light, left
- 10/47 Bulb, right rear direction indicator
- 10/54 Bulb, left rear direction indicator
- 10/94 Indicator light, right direction indicator
- 10/95 Indicator light, left direction indicator
- 11/1-35 Fuses
- 15/1 Positive terminal
- 15/5 31-terminal, relay unit
- 31/1 Ground point, right front fender
- 31/2 Ground point, left front fender
- 31/11 Ground point, left tail light
- 31/12 Ground point, right tail light
- 31/14 Ground point, relay unit

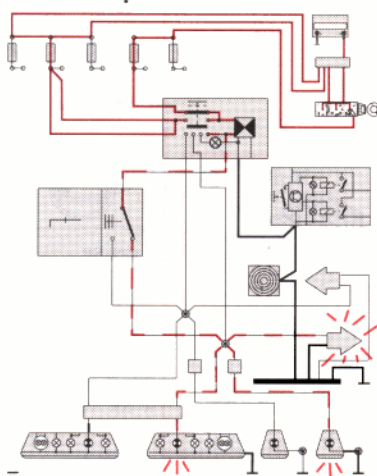
Fuse No.
11 Back-up lights
25 Central locking system

A Connector, left A-post
B Connector, right A-post
C Connector, left A-post

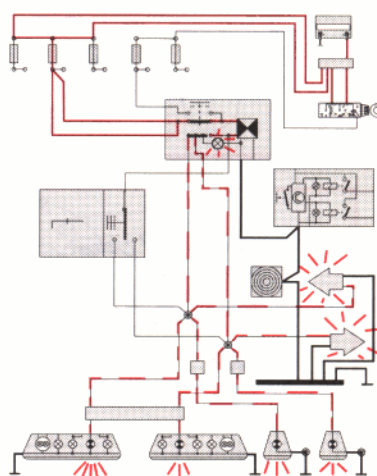
Left direction indicator ON



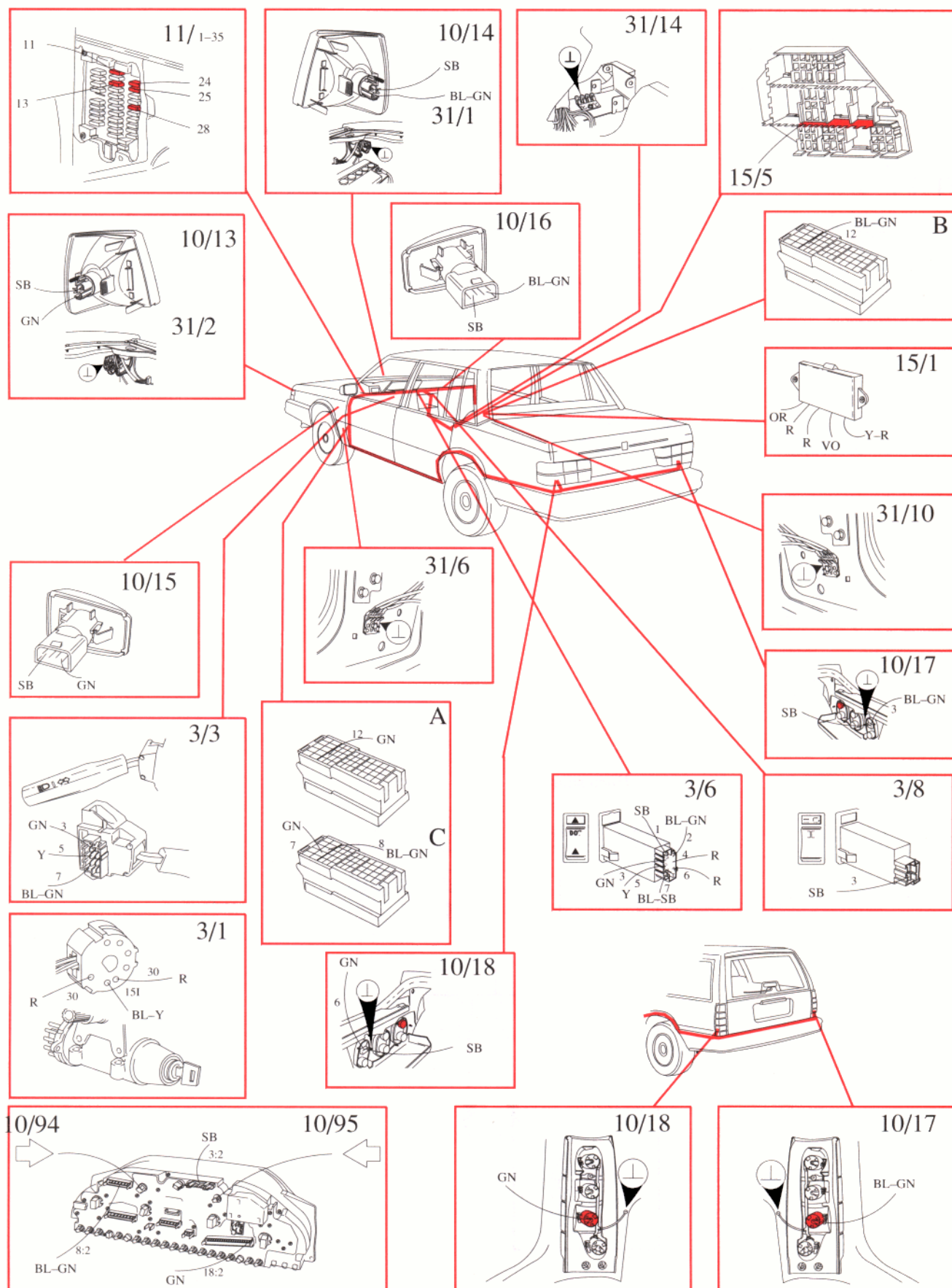
Right direction indicator ON



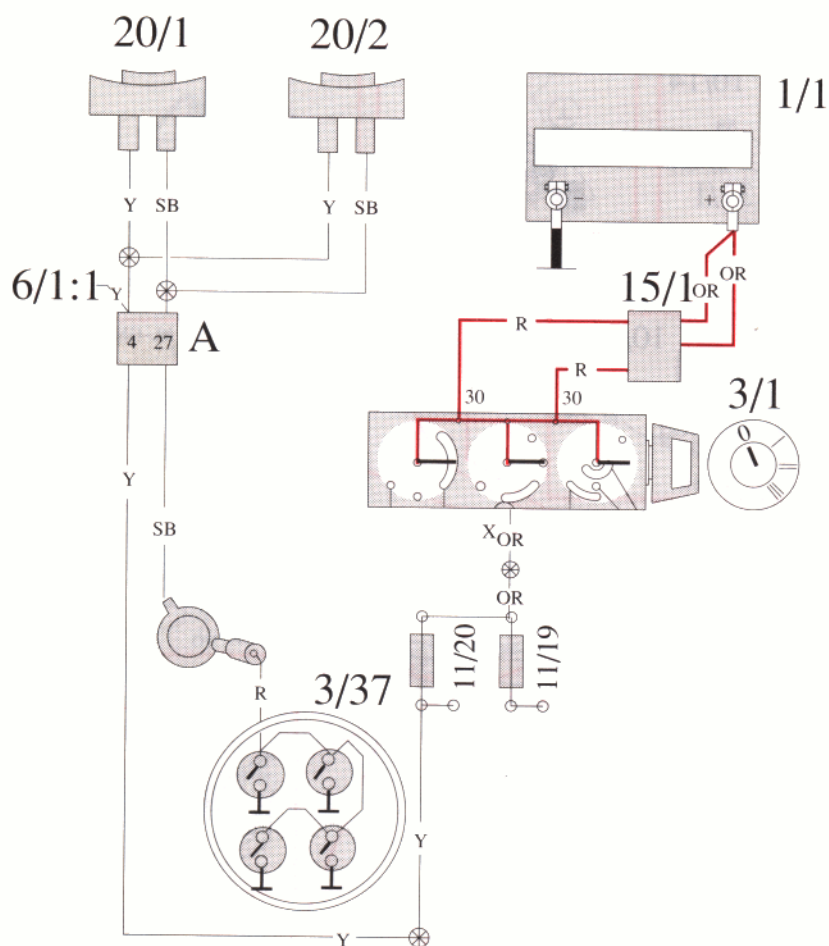
Hazard warning lights ON



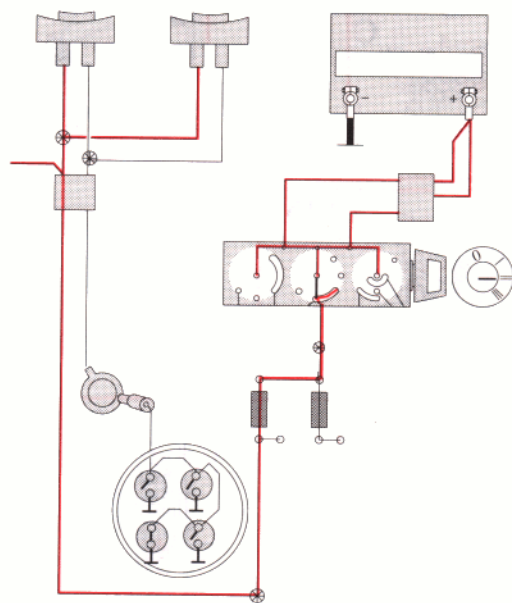
Direction indicators, hazard warning flashers



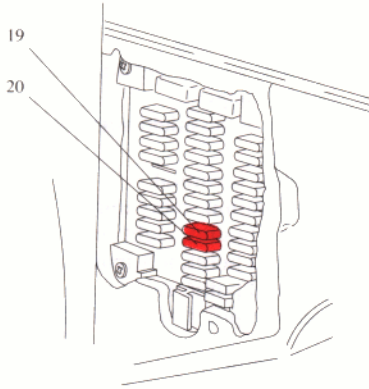
Horn



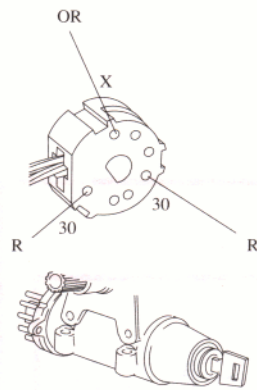
Horn sounding



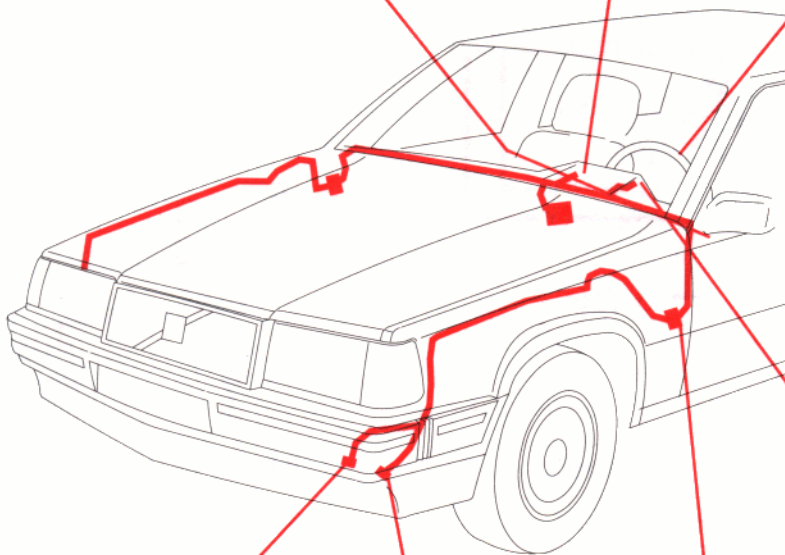
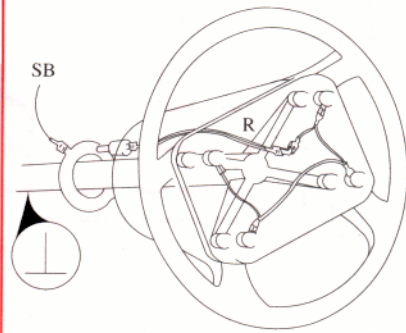
11/1-35



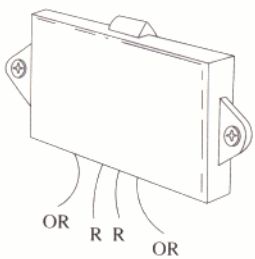
3/1



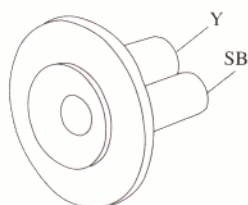
3/37



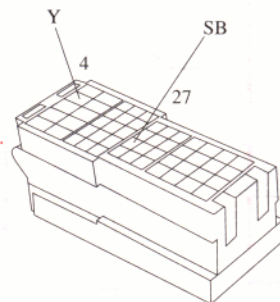
15/1



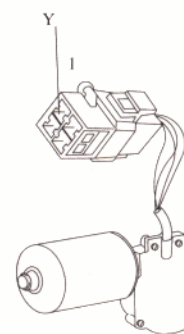
20/1, 20/2



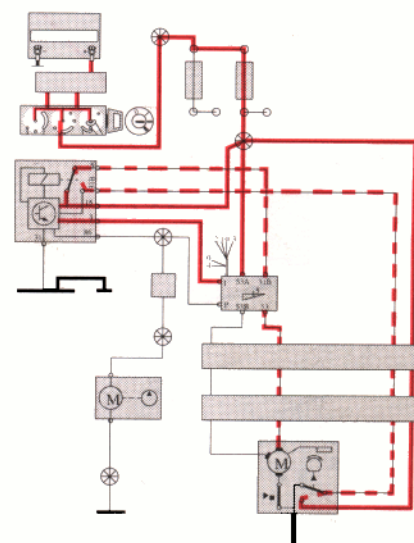
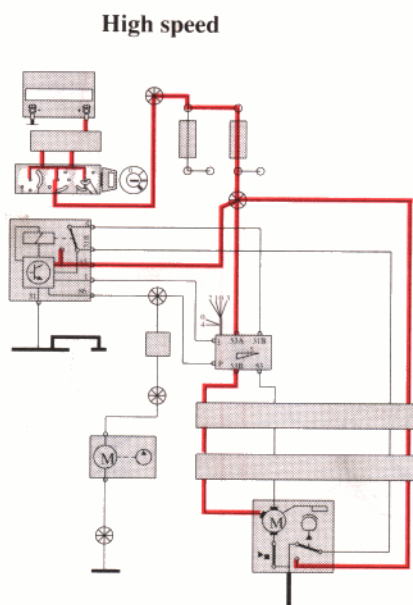
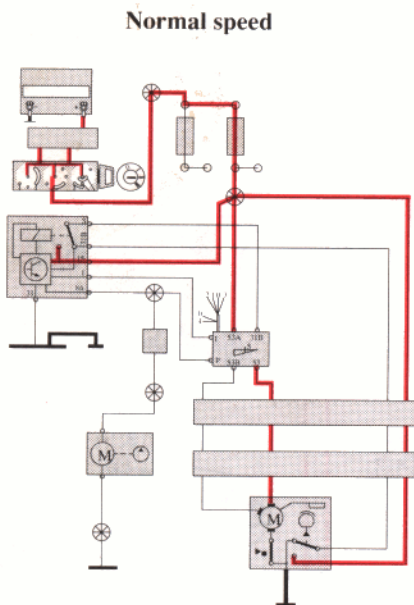
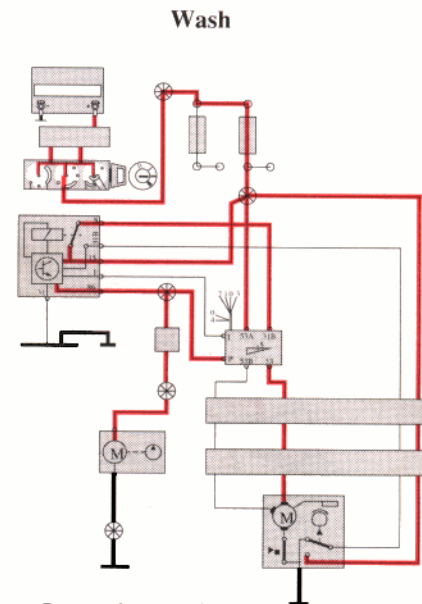
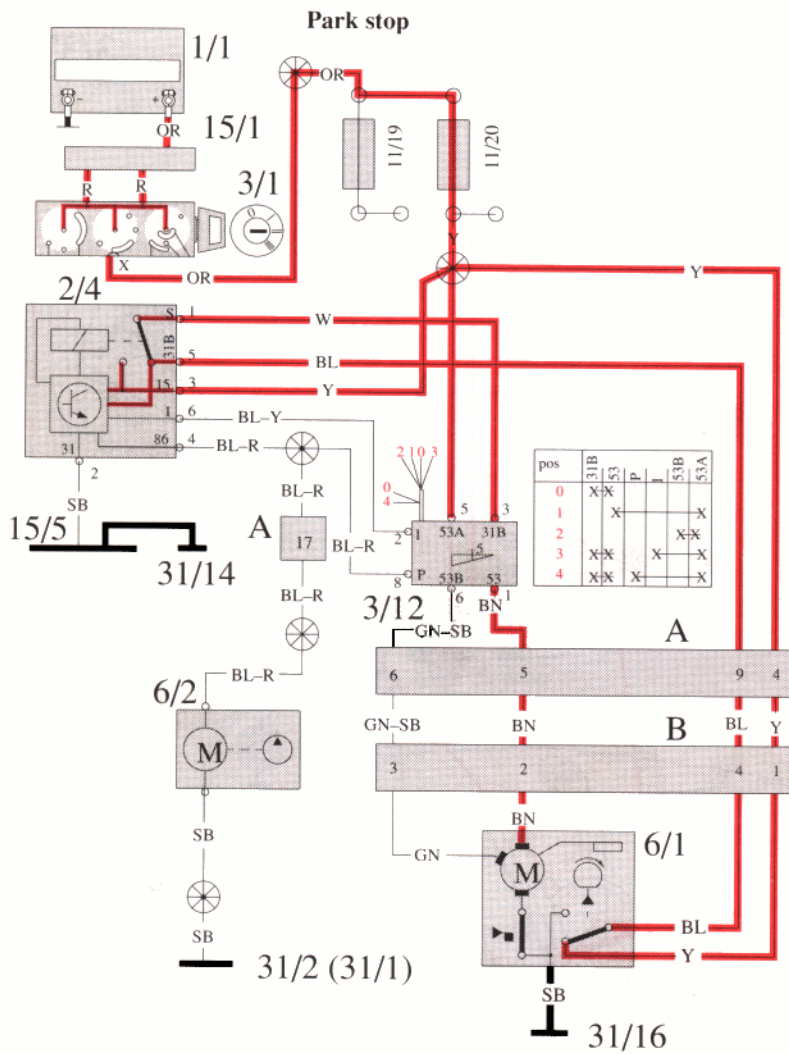
B



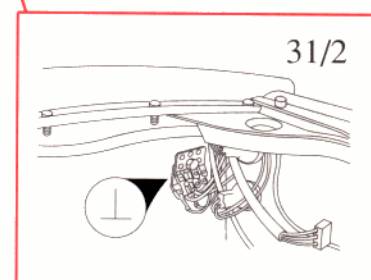
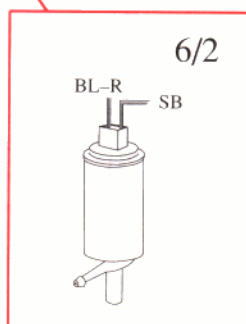
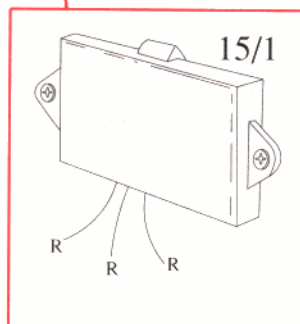
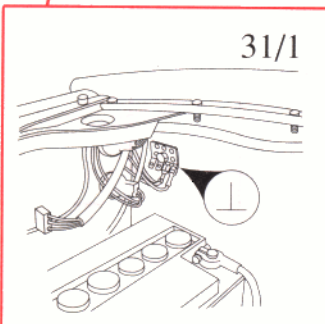
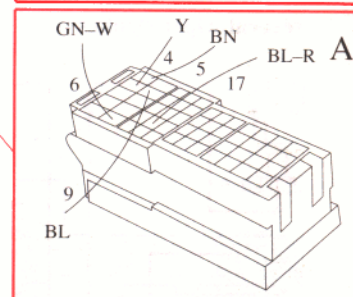
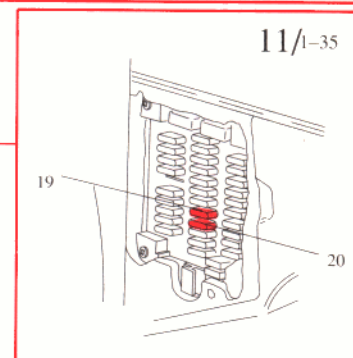
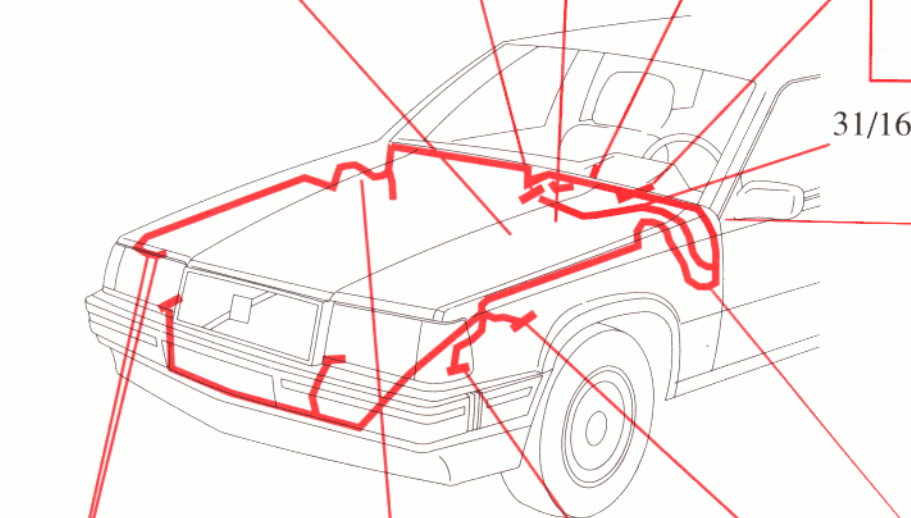
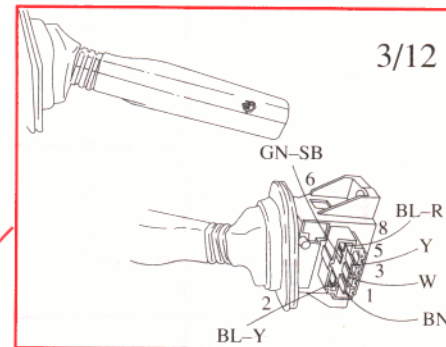
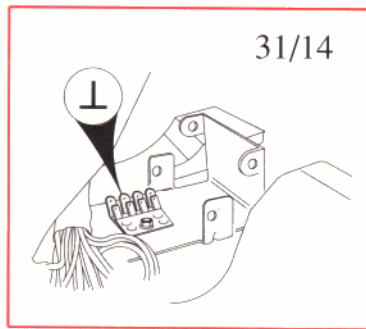
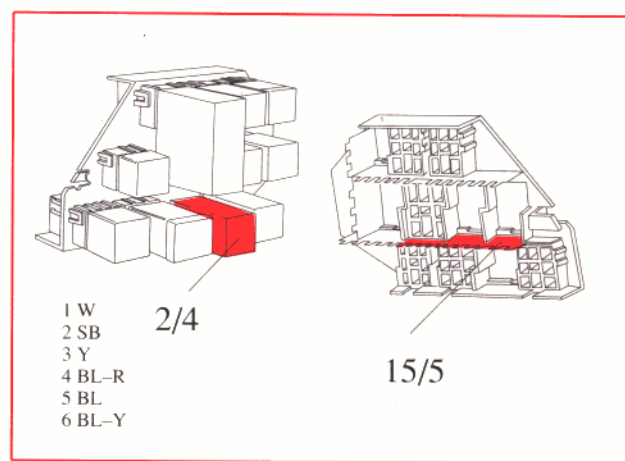
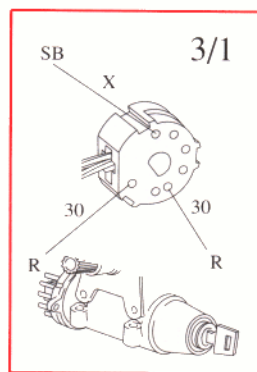
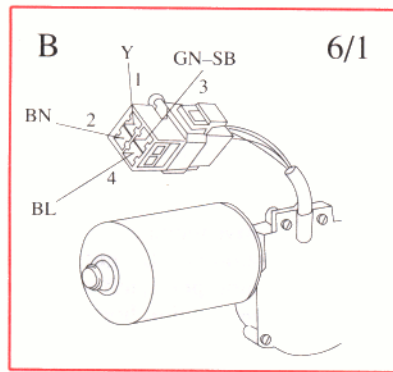
6/1



Windshield wiper/washer

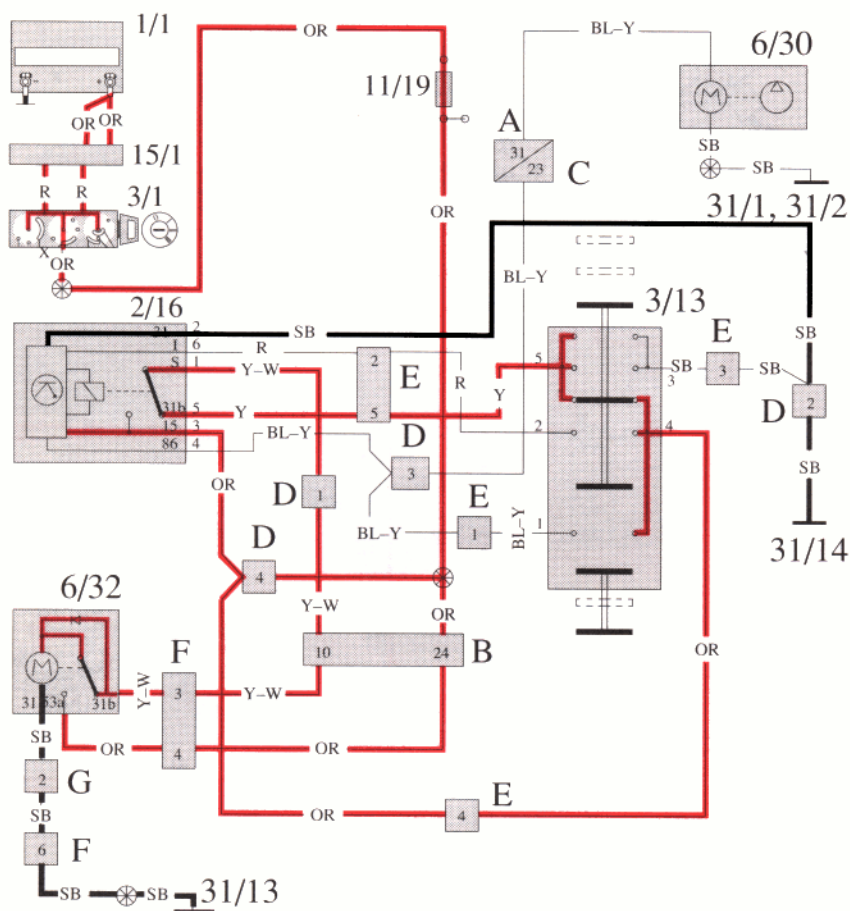


Windshield wiper/washer



Tailgate window wiper/washer with interval relay

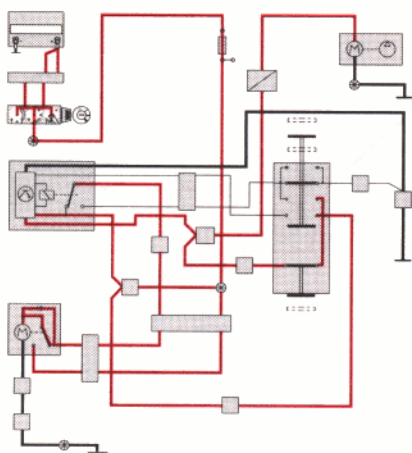
Wiper motor ON



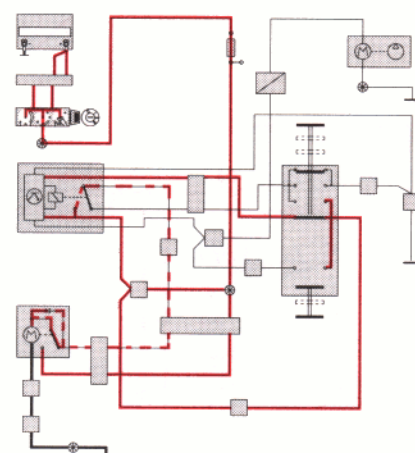
- 1/1 Battery
- 2/16 Interval relay
- 3/1 Ignition switch
- 3/13 Switch
- 6/30 Washer pump
- 6/32 Tailgate window wiper
- 11/19 Fuse
- 15/1 Positive terminal
- 31/1 Ground point, right front fender
- 31/2 Ground point, left front fender
- 31/13 Ground point, luggage compartment
- 31/14 Ground point, relay unit

- A Connector, left A-post (B 280 F)
- B Connector, left A-post (B 230 FT)
- C Connector, right A-post (B 230 FT)
- D Connector, relay unit
- E Connector, switch
- F Connector, at tailgate
- G Connector, tailgate

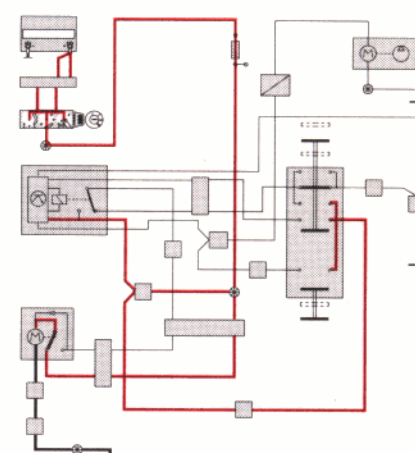
Washer motor connected and several wiper strokes



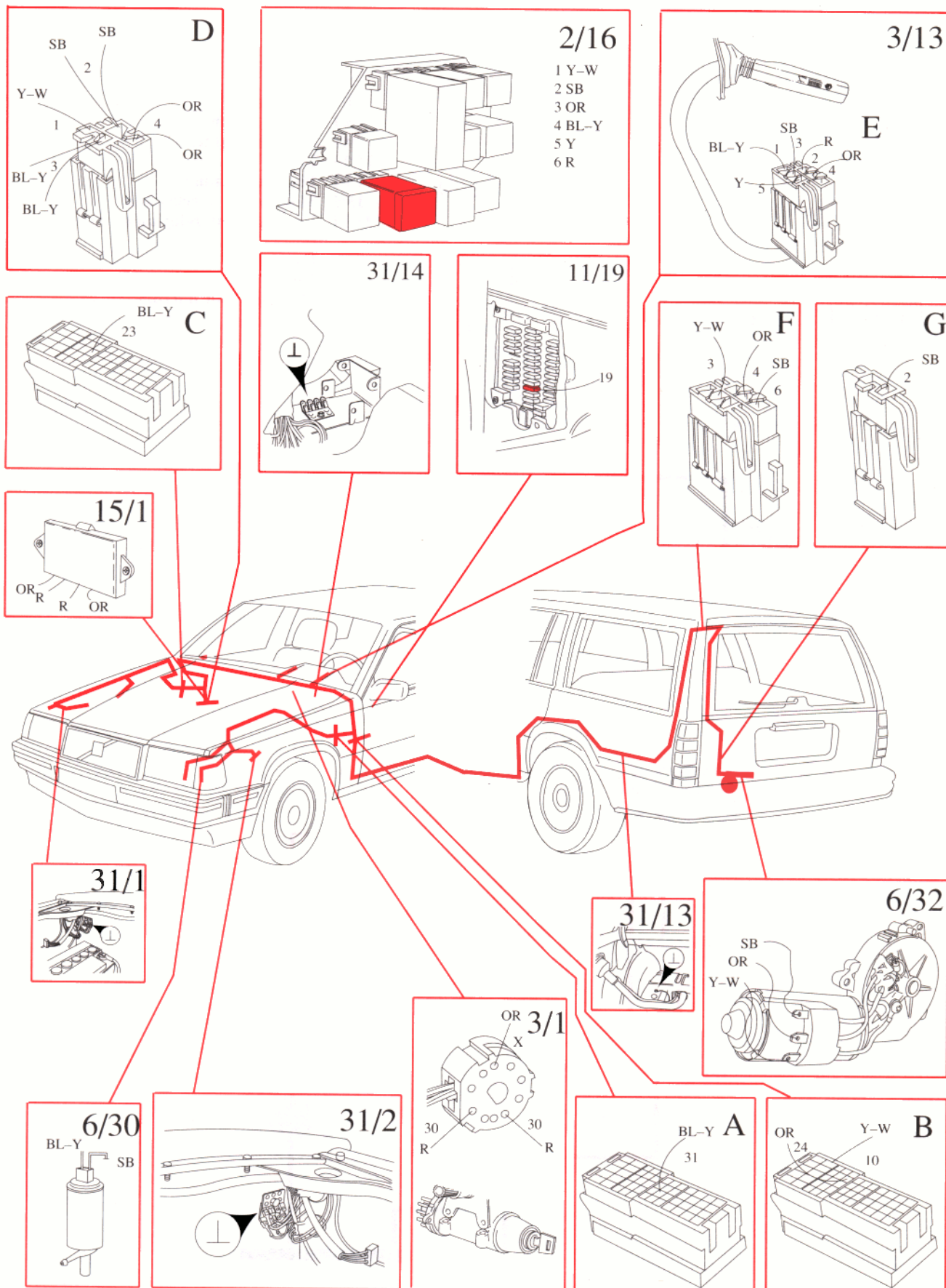
Intermittent wiping



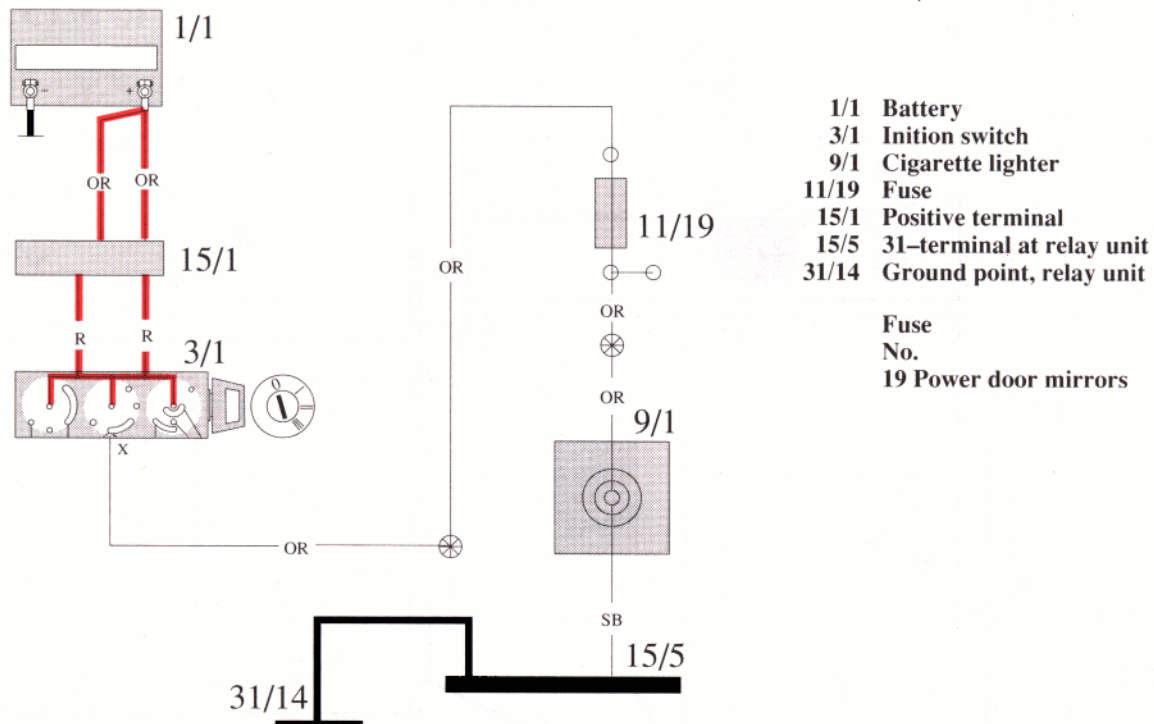
Park stop



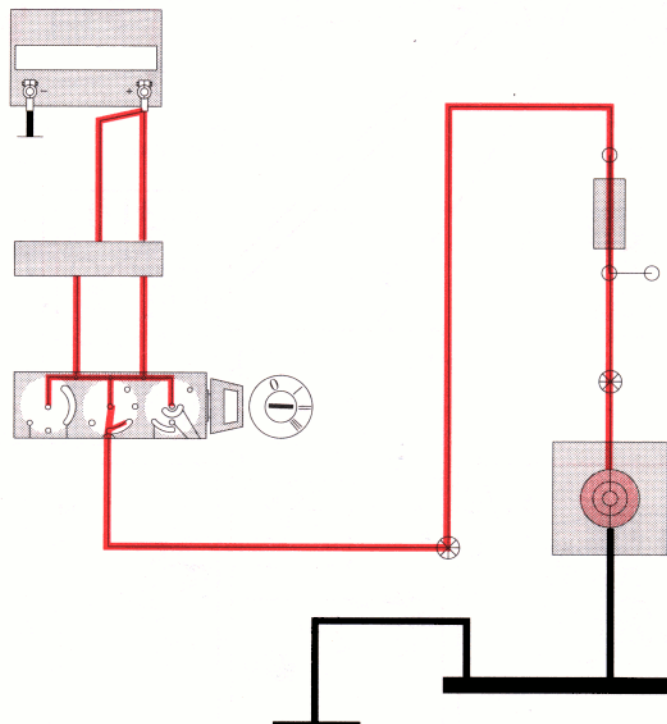
Tailgate window wiper/washer with interval relay



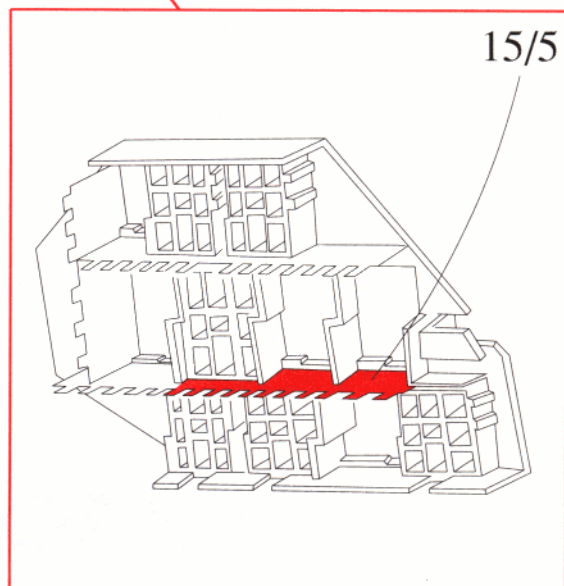
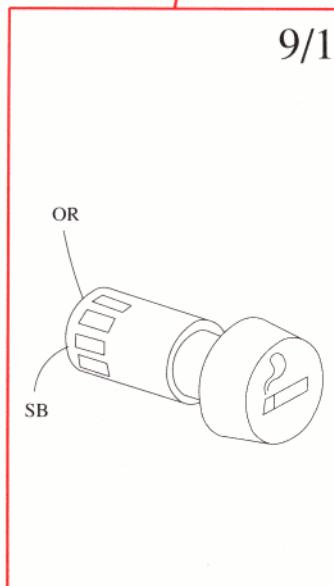
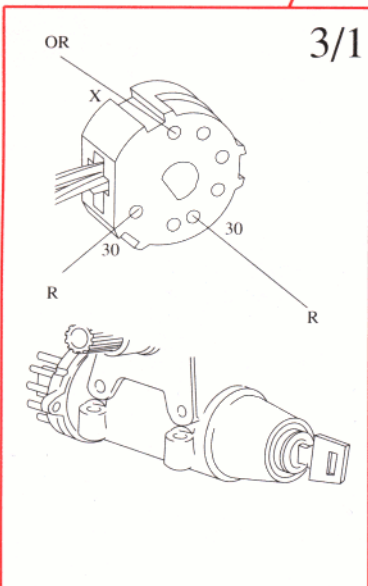
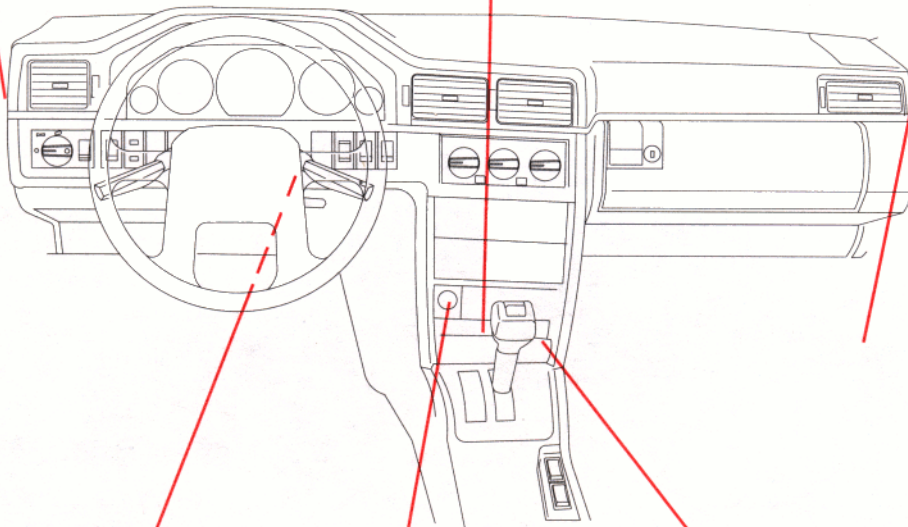
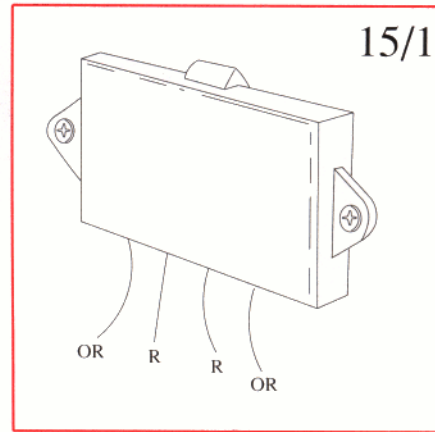
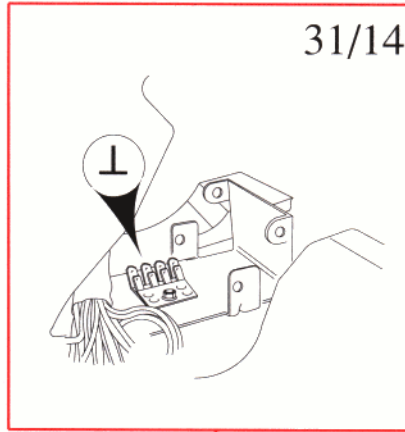
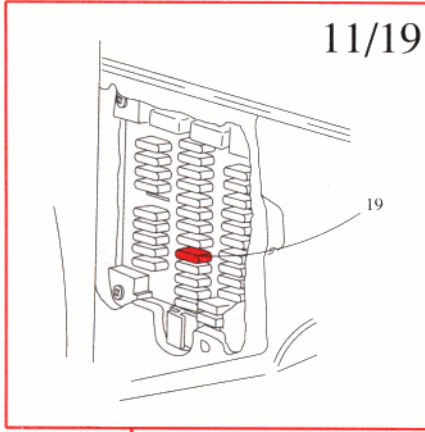
Cigarette lighter



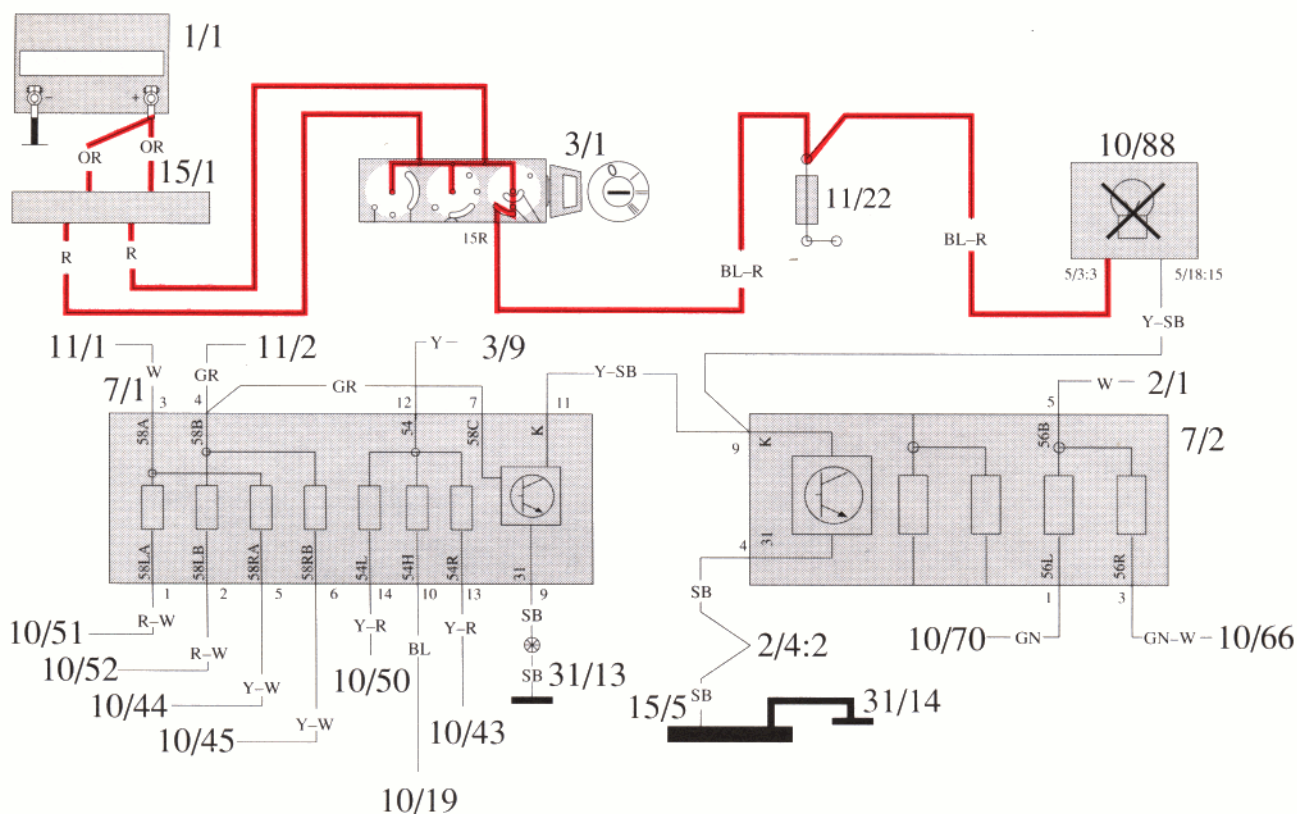
Cigarette lighter ON



Cigarette lighter

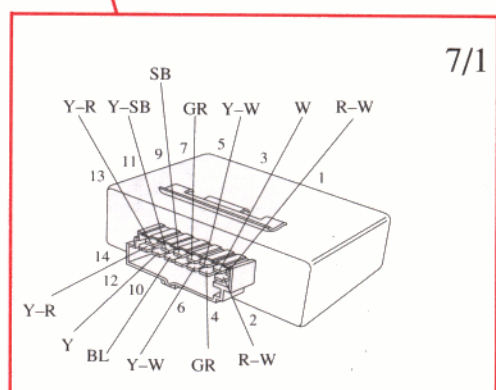
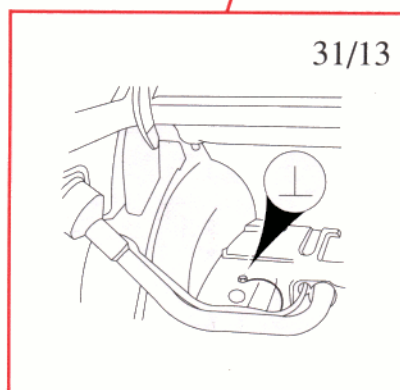
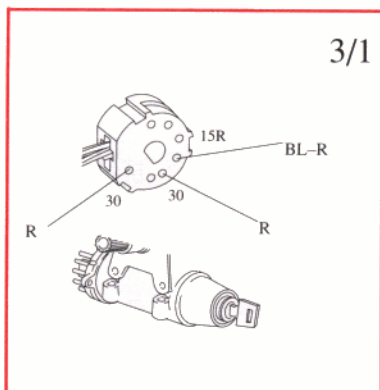
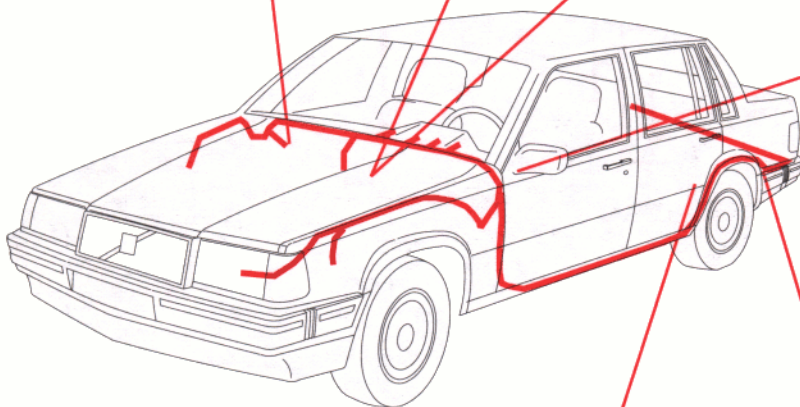
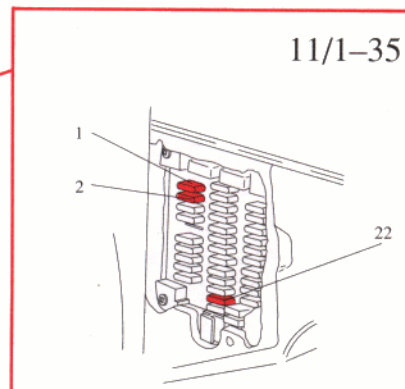
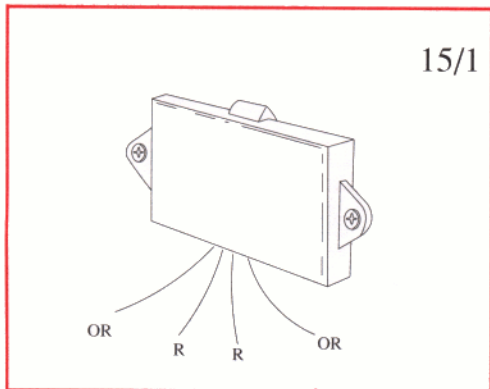
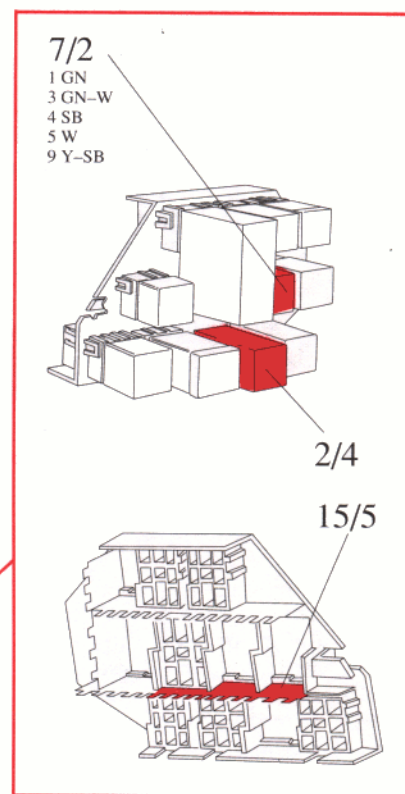
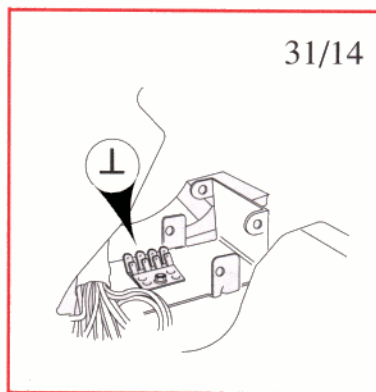
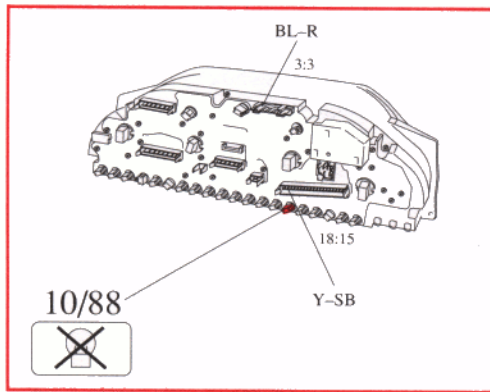


Bulb failure warning sensor



- | | | | |
|-------|--------------------------------------|---------|----------------------------------------------|
| 1/1 | Battery | 10/50 | Brake light, left |
| 2/1 | Headlight relay | 10/51 | Parking light, left rear |
| 2/4 | Interval relay, windshield wiper | 10/52 | Parking light/tail light, left rear |
| 3/1 | Ignition switch | 10/66 | Low beam, right |
| 3/9 | Brake light switch | 10/70 | Low beam, left |
| 7/1 | Bulb failure warning sensor, rear | 10/88 | Indicator light, bulb failure warning sensor |
| 7/2 | Bulb failure warning sensor, front | 11/1-35 | Fuses |
| 10/19 | High-mounted brake light | 15/1 | Positive terminal |
| 10/43 | Brake light, right | 15/5 | 31-terminal, relay unit |
| 10/44 | Parking light, right rear | 31/13 | Ground point, left rear wheelhouse |
| 10/45 | Parking light/tail light, right rear | 31/14 | Ground point, relay unit |

Bulb failure warning sensor

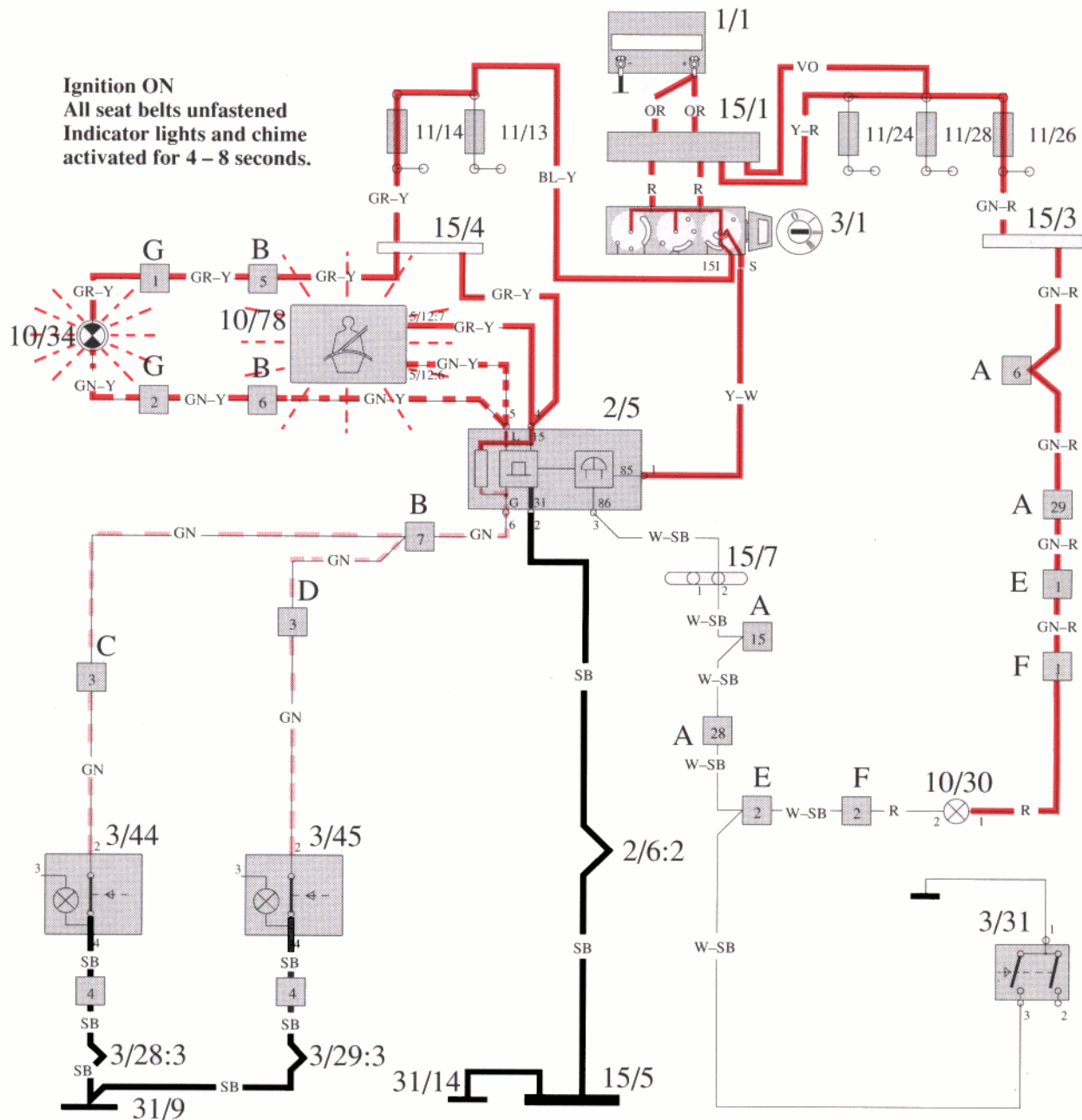


Seat belt reminder

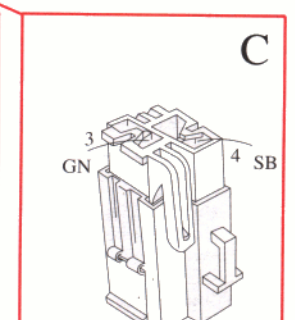
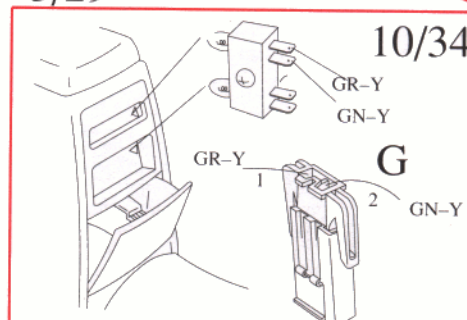
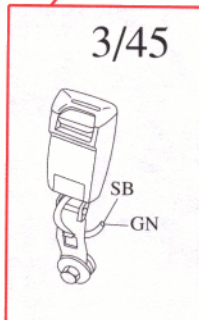
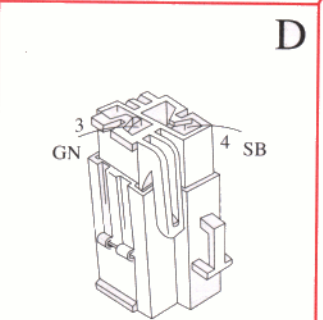
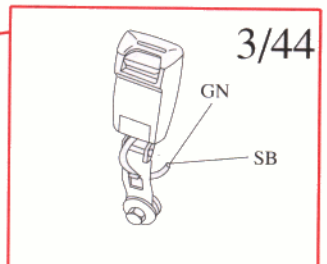
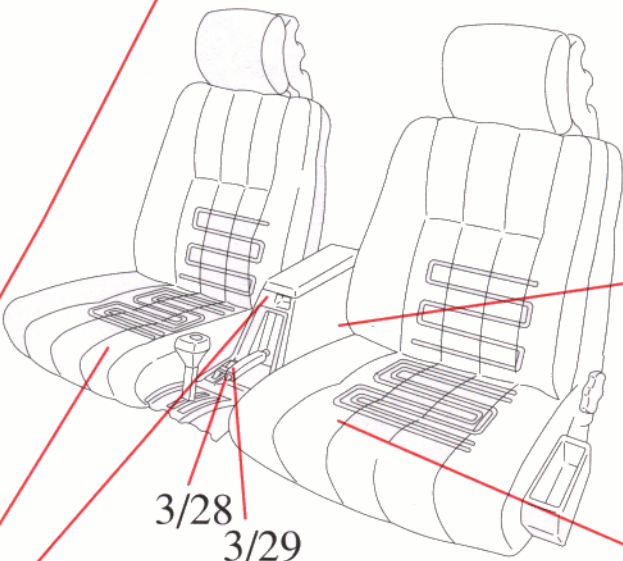
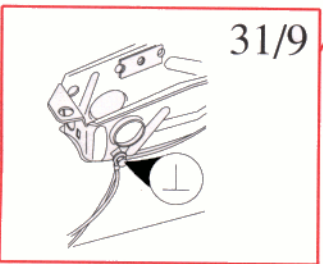
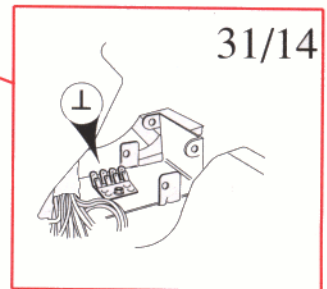
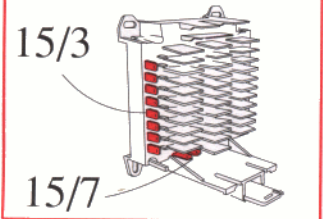
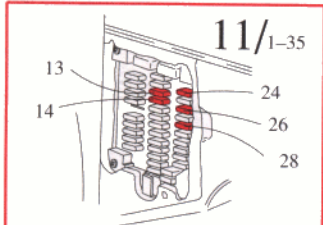
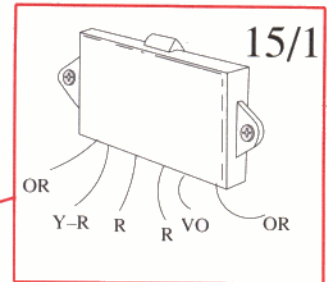
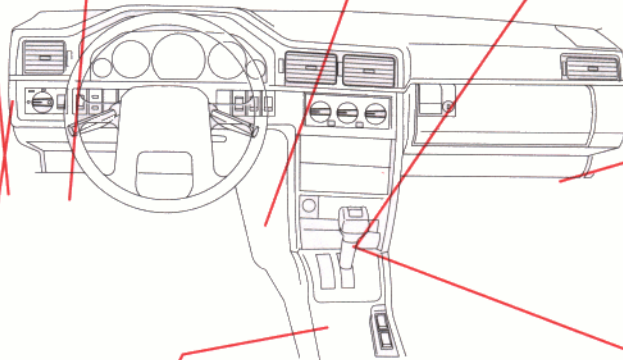
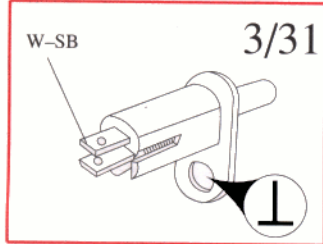
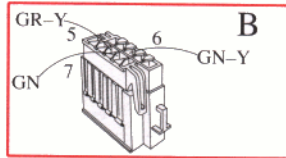
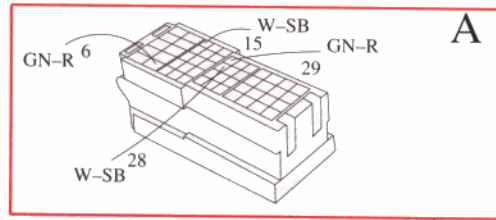
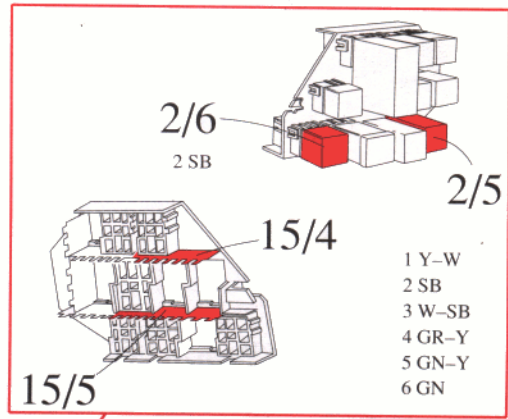
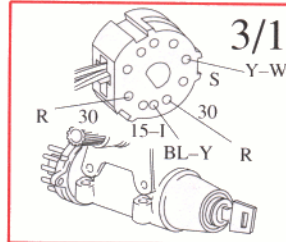
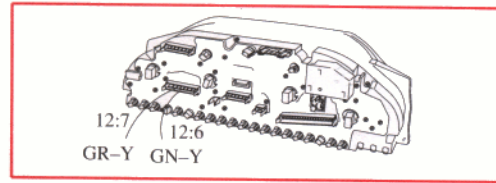
- 1/1 Battery
- 2/5 Seat belt reminder
- 2/6 Headlight relay
- 3/1 Ignition switch
- 3/28 Switch, heated driver's seat
- 3/29 Switch, heated passenger's seat
- 3/31 Switch, driver's door
- 3/44 Seat belt lock, driver
- 3/45 Seat belt lock, passenger
- 5/12 12-pole connector, instrument panel
- 10/30 Door open light, driver's door
- 10/34 Indicator light, rear seat belts
- 10/78 Indicator light, front seat belts
- 11/1-35 Fuses
 - 15/1 Positive terminal
 - 15/3 30 terminal, fuse box

- 15/4 15I terminal, relay unit
15/5 31 terminal, relay unit
15/7 Distributor terminal, fuse box
31/9 Ground point, parking brake lever
31/14 Ground point, relay unit

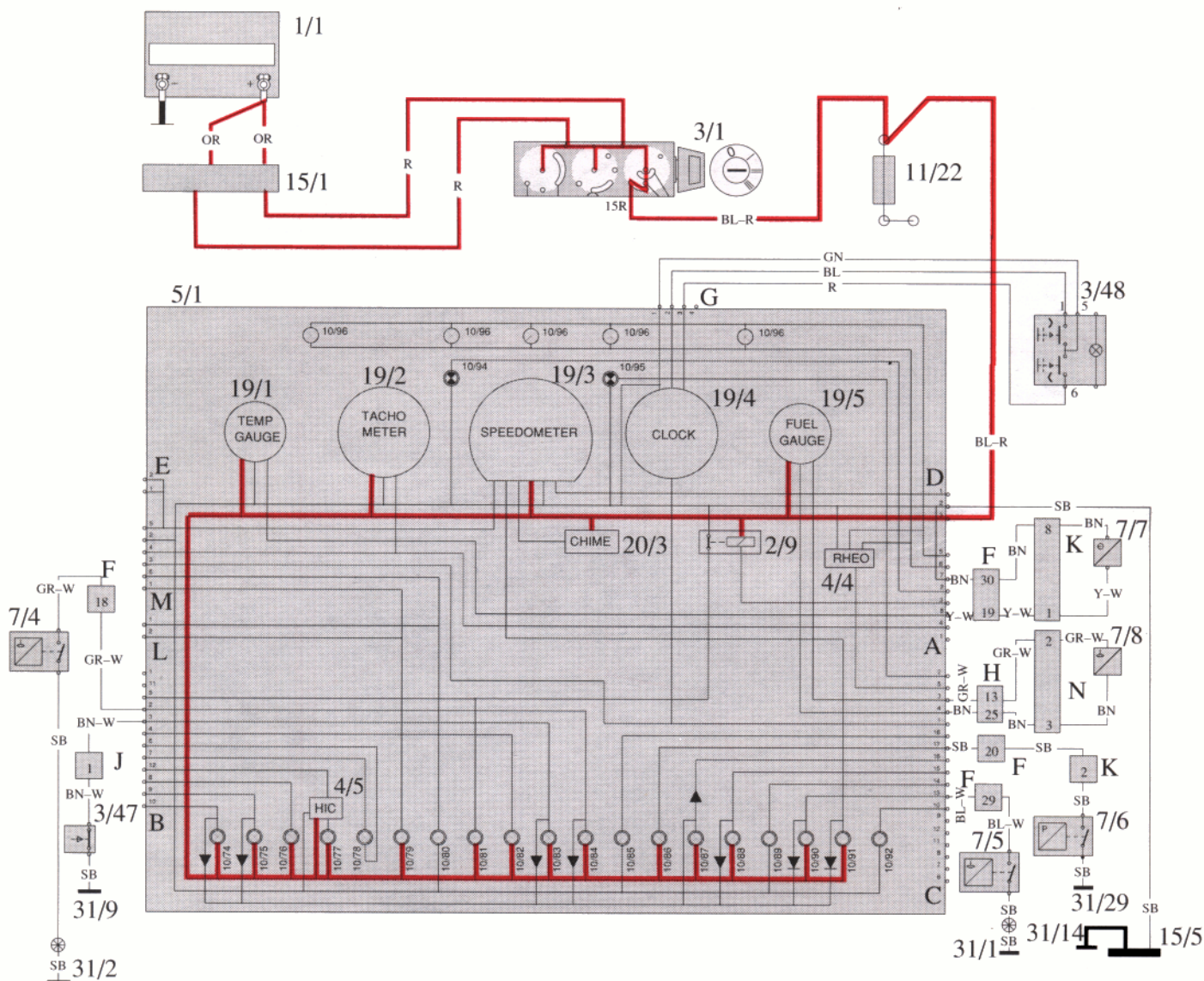
- A Connector, left A-post
- B Connector, relay unit
- C Connector, seat belt lock
- D Connector, seat belt lock
- E Connector, driver's door
- F Connector, in driver's door
- G Connector, indicator light, rear seat belts



Seat belt reminder



Instrument panel

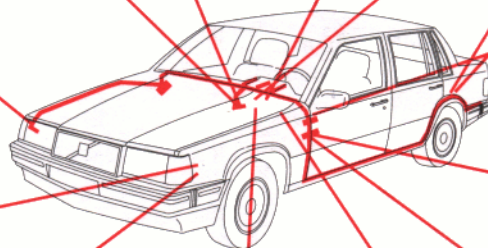
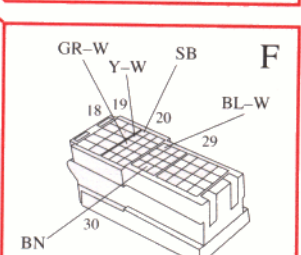
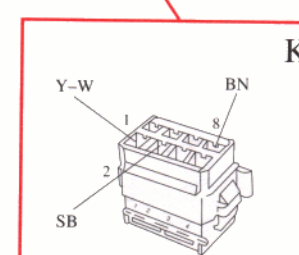
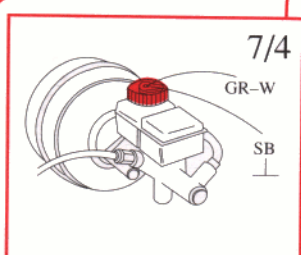
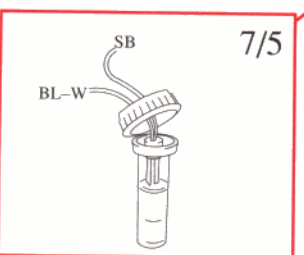
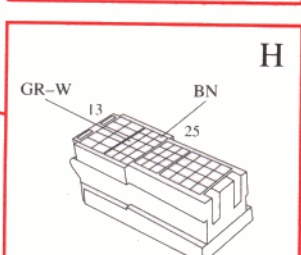
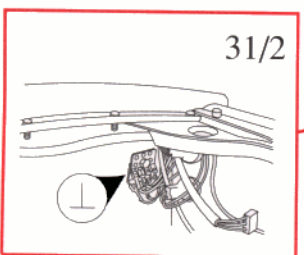
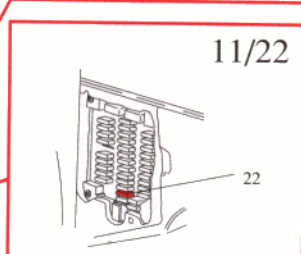
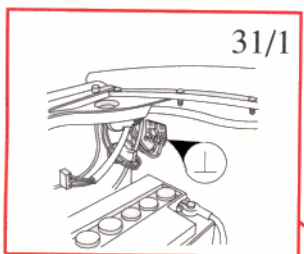
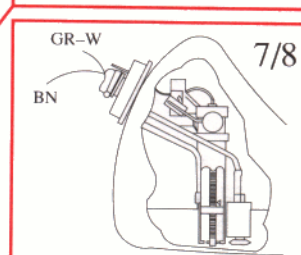
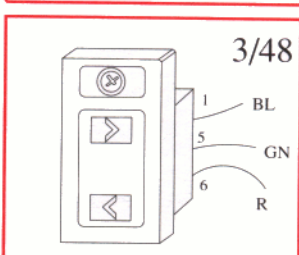
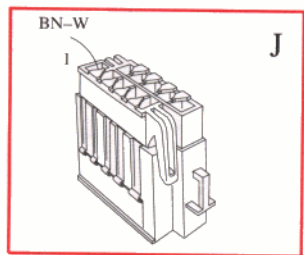
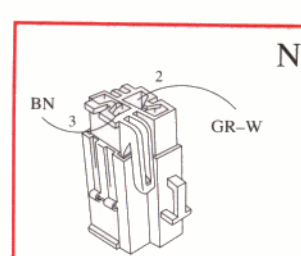
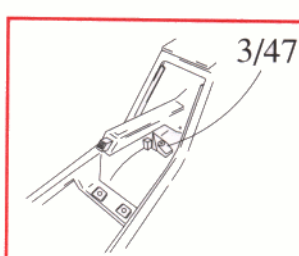
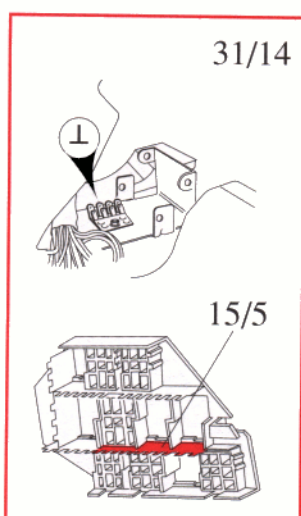
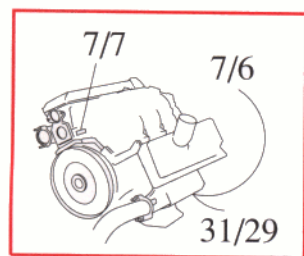
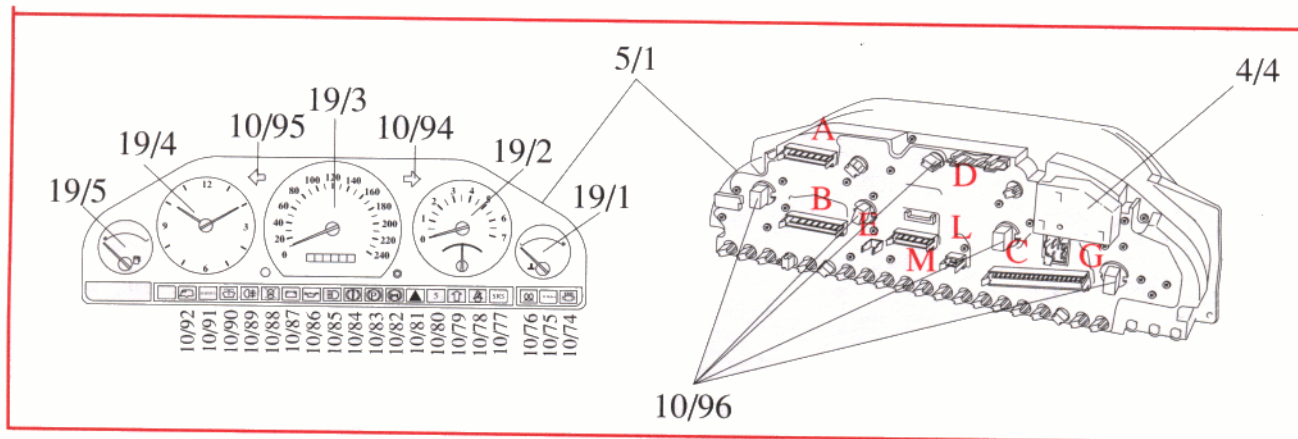


- 1/1 Battery
- 2/9 Relay, ETC
- 3/1 Ignition switch
- 3/47 Switch, parking brake
- 3/48 Clock set buttons
- 4/4 Rheostat
- 4/5 Safety circuit, SRS
- 5/1 Instrument panel
- 7/4 Brake fluid level sensor
- 7/5 Washer fluid level sensor
- 7/6 Oil pressure sensor
- 7/7 Coolant temperature sensor
- 7/8 Fuel level sensor
- 10/74 Indicator light, exhaust gas temperature
- 10/75 Indicator light, charge air over pressure
- 10/76 Indicator light, diesel preheater
- 10/77 Warning light, SRS
- 10/78 Seat belt reminder light
- 10/79 Indicator light, overdrive disengaged
- 10/80 Indicator light, overdrive
- 10/81 Indicator light, ETC
- 10/82 Warning light, ABS
- 10/83 Parking brake reminder light
- 10/84 Brake failure warning light
- 10/85 Indicator light, high beams

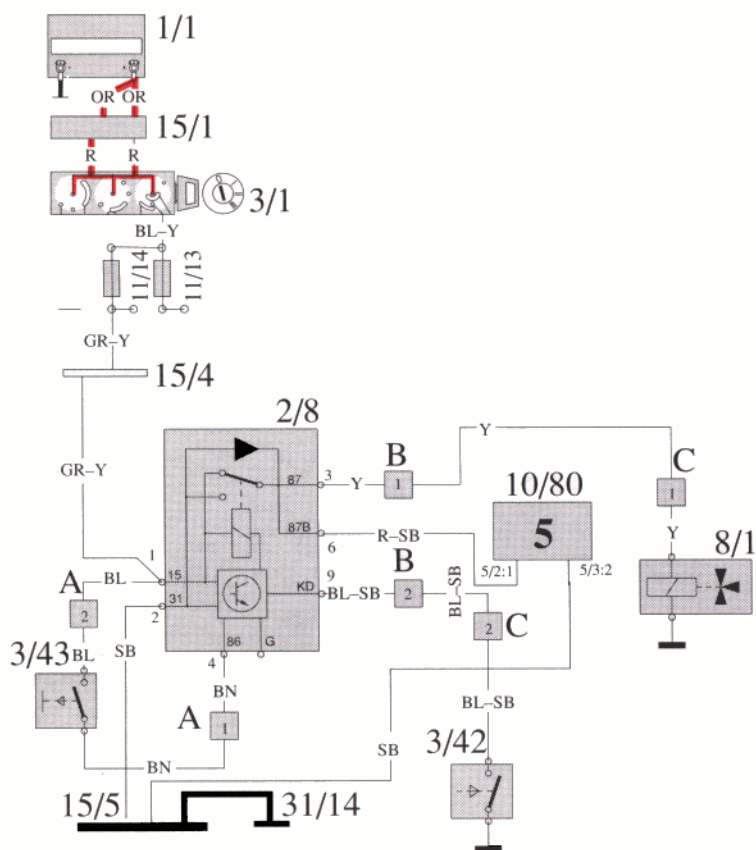
- 10/86 Oil pressure warning light
- 10/87 Alternator warning light
- 10/88 Indicator light, bulb failure warning sensor
- 10/89 Indicator light, rear fog light
- 10/90 Indicator light, washer fluid level
- 10/91 Service reminder light
- 10/92 Indicator light, trailer
- 10/94 Indicator light, direction indicator, right
- 10/95 Indicator light, direction indicator, left
- 10/96 Instrument panel light
- 11/22 Fuse
- 15/1 Positive terminal
- 15/5 31 terminal, relay unit
- 19/1 Coolant temperature gauge
- 19/2 Tachometer
- 19/3 Speedometer
- 19/4 Clock
- 19/5 Fuel gage
- 20/3 Speed warning
- 31/1 Ground point, right front fender
- 31/2 Ground point, left front fender
- 31/9 Ground point, parking brake
- 31/14 Ground point, relay unit
- 31/29 Ground point, engine

- A (5/8) 8-pole connector
- B (5/12) 12-pole connector
- C (5/18) 18-pole connector
- D (5/3) 3-pole connector
- E Connector, cruise control
- F Connector, left A-post
- G (5/4) 4-pole connector
- H Connector, left A-post
- J Connector, relay unit
- K Connector, left suspension tower
- L (5/2) 2-pole connector
- M (5/6) 6-pole connector
- N Connector, left rear suspension tower

Instrument panel



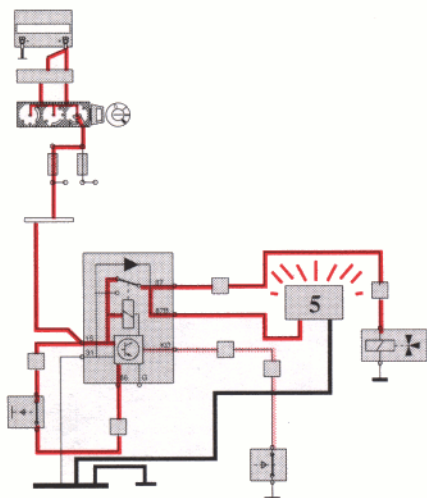
M46 Overdrive



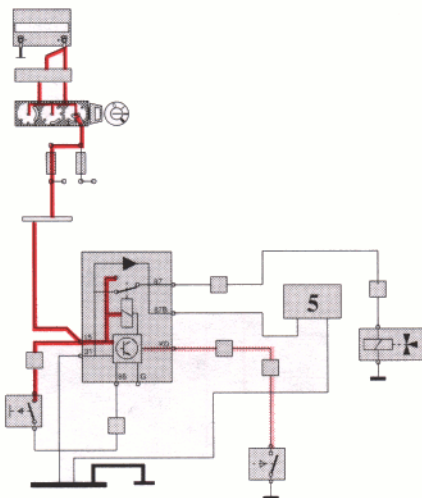
- 1/1 Battery
- 2/8 Overdrive relay
- 3/1 Ignition switch
- 3/42 Connector on transmission
- 3/43 Connector on gear shift lever
- 5/2 2-pole connector, instrument panel
- 5/3 3-pole connector, instrument panel
- 8/1 Solenoid
- 10/80 Indicator light, overdrive
- 11/1-35 Fuses
- 15/1 Positive terminal
- 15/4 15I-terminal, relay unit
- 15/5 31-terminal, relay unit
- 31/14 Ground point, relay unit
- A Connector, relay unit
- B Connector, relay unit
- C Connector, transmission

Fuse
No.
14 Seat belt reminder

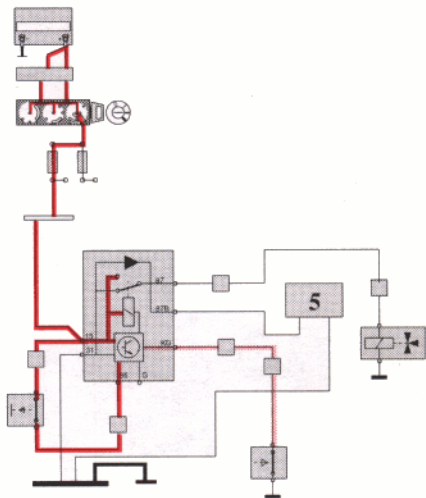
**Engagement of overdrive
4th gear engaged**



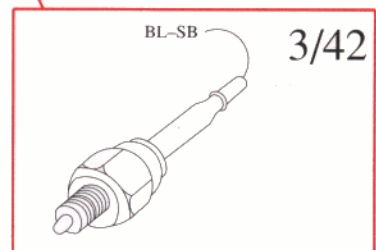
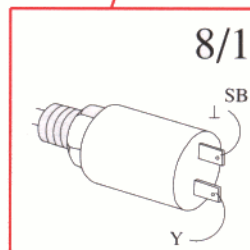
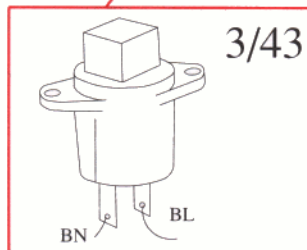
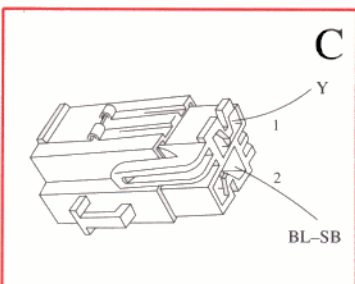
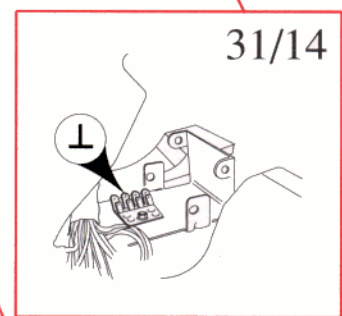
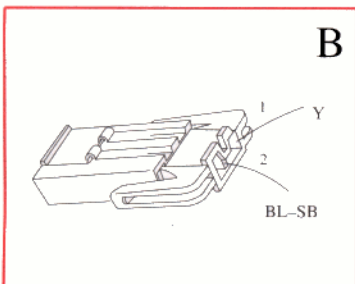
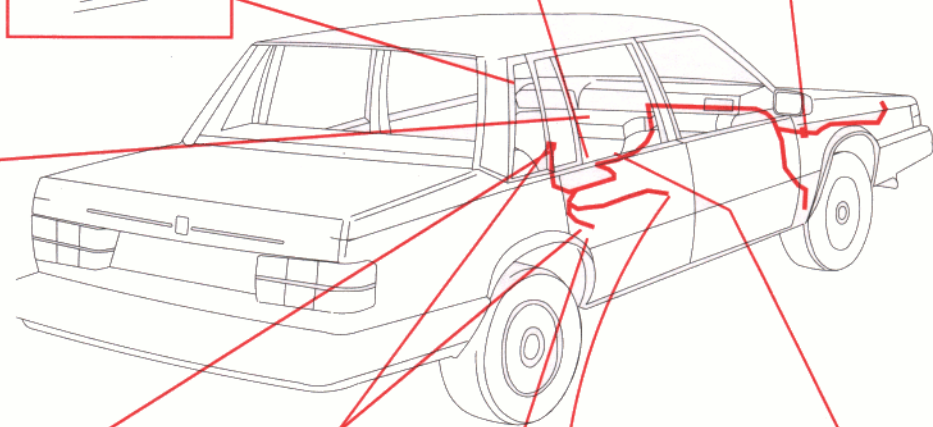
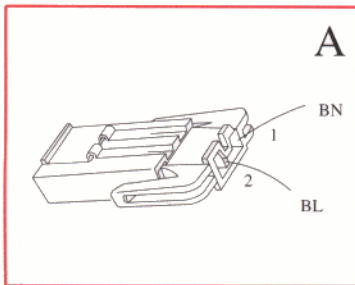
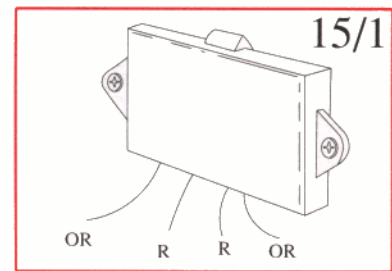
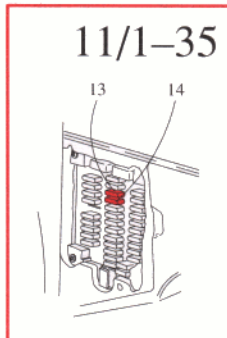
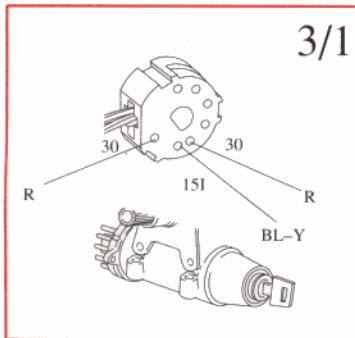
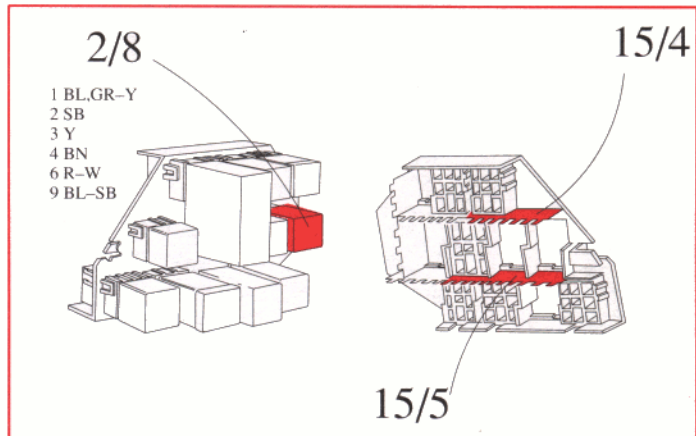
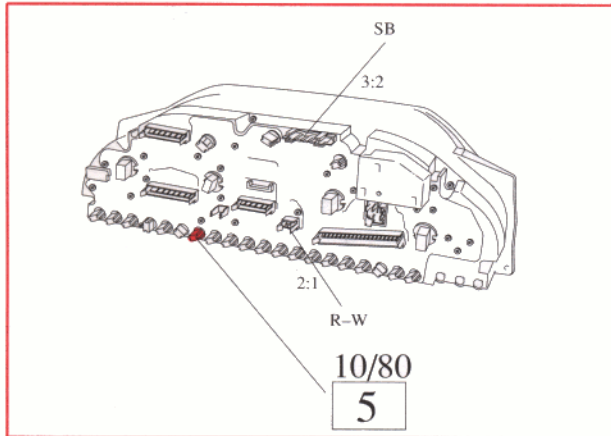
**Downshift from 4th
Overdrive automatically
disengaged**



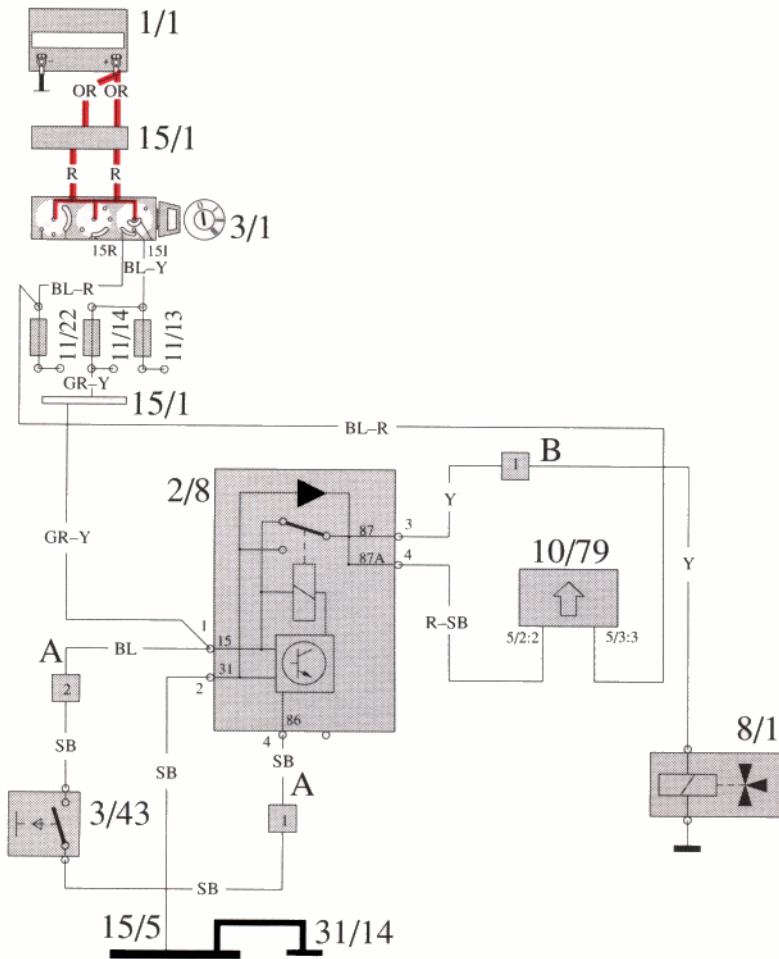
**Disengagement of overdrive
4th gear engaged**



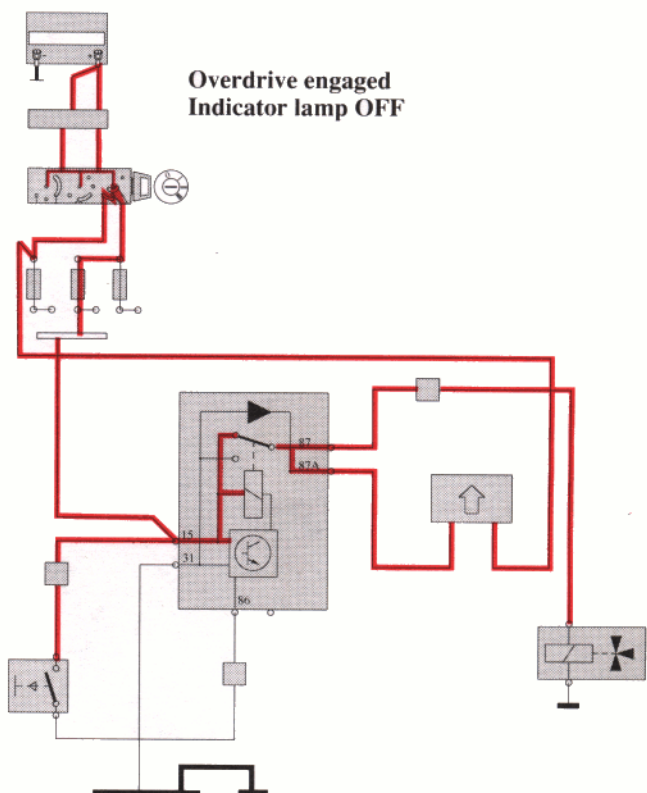
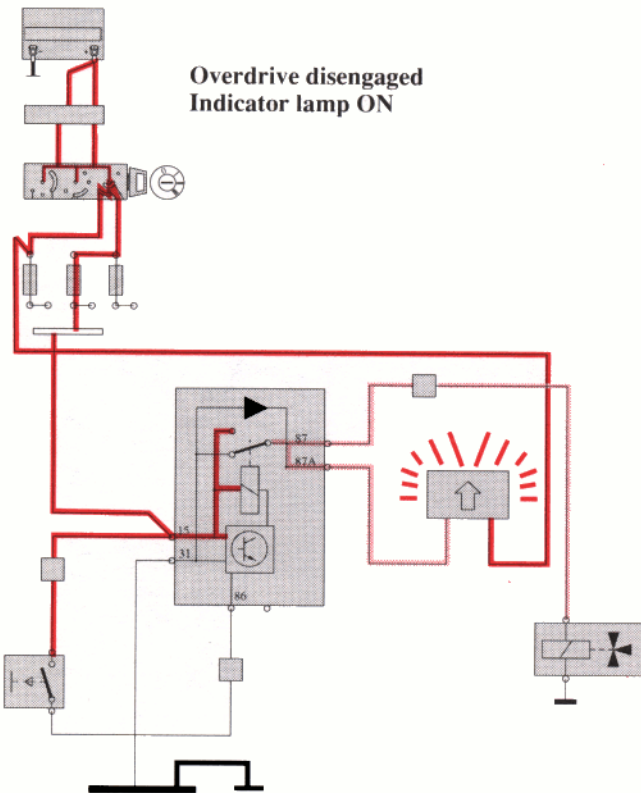
M46 Overdrive



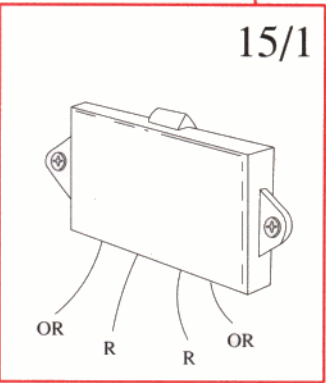
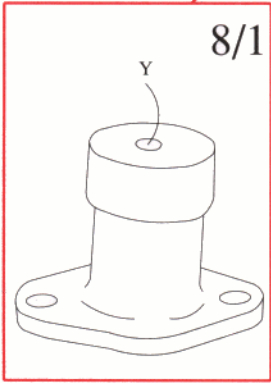
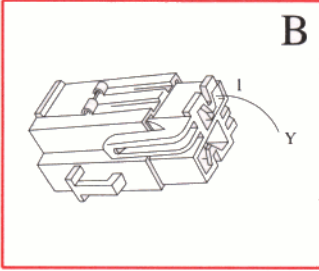
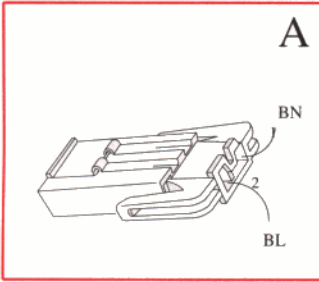
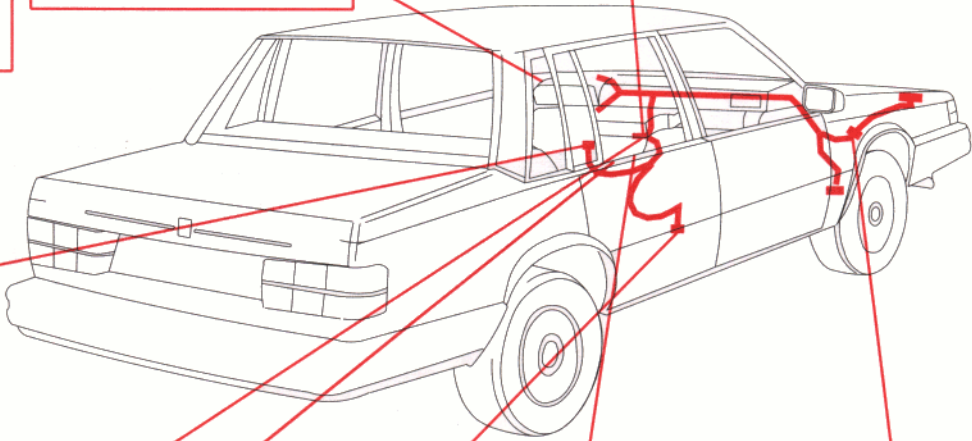
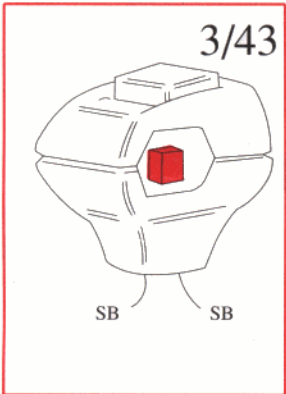
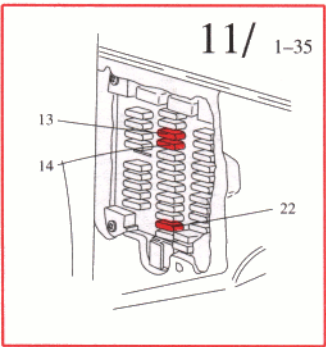
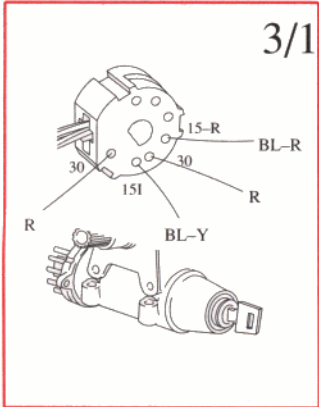
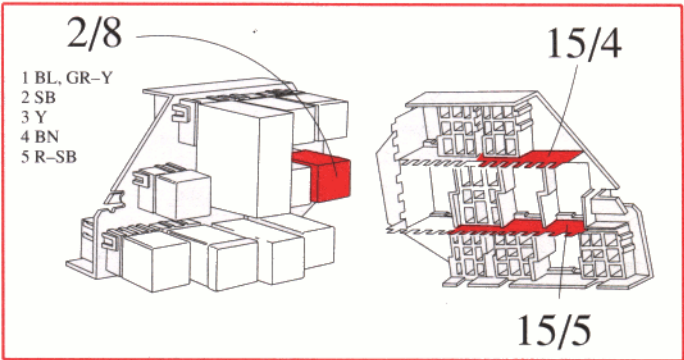
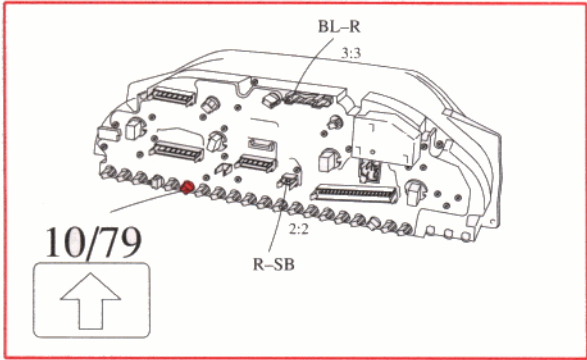
AW70/71 Overdrive



- 1/1 Battery
- 2/8 Relay, overdrive
- 3/1 Ignition switch
- 3/43 Connector in gear selector
- 5/2 2-pole connector, instrument panel
- 5/3 3-pole connector, instrument panel
- 8/1 Solenoid
- 10/79 Indicator light, overdrive disengaged
- 11/1-35 Fuses
- 15/1 Positive terminal
- 15/4 151 terminal, relay unit
- 15/5 31 terminal, relay unit
- 31/14 Ground point, relay unit
- A Connector, relay unit
- B Connector, relay unit
- Fuse No. 14 Seat belt reminder



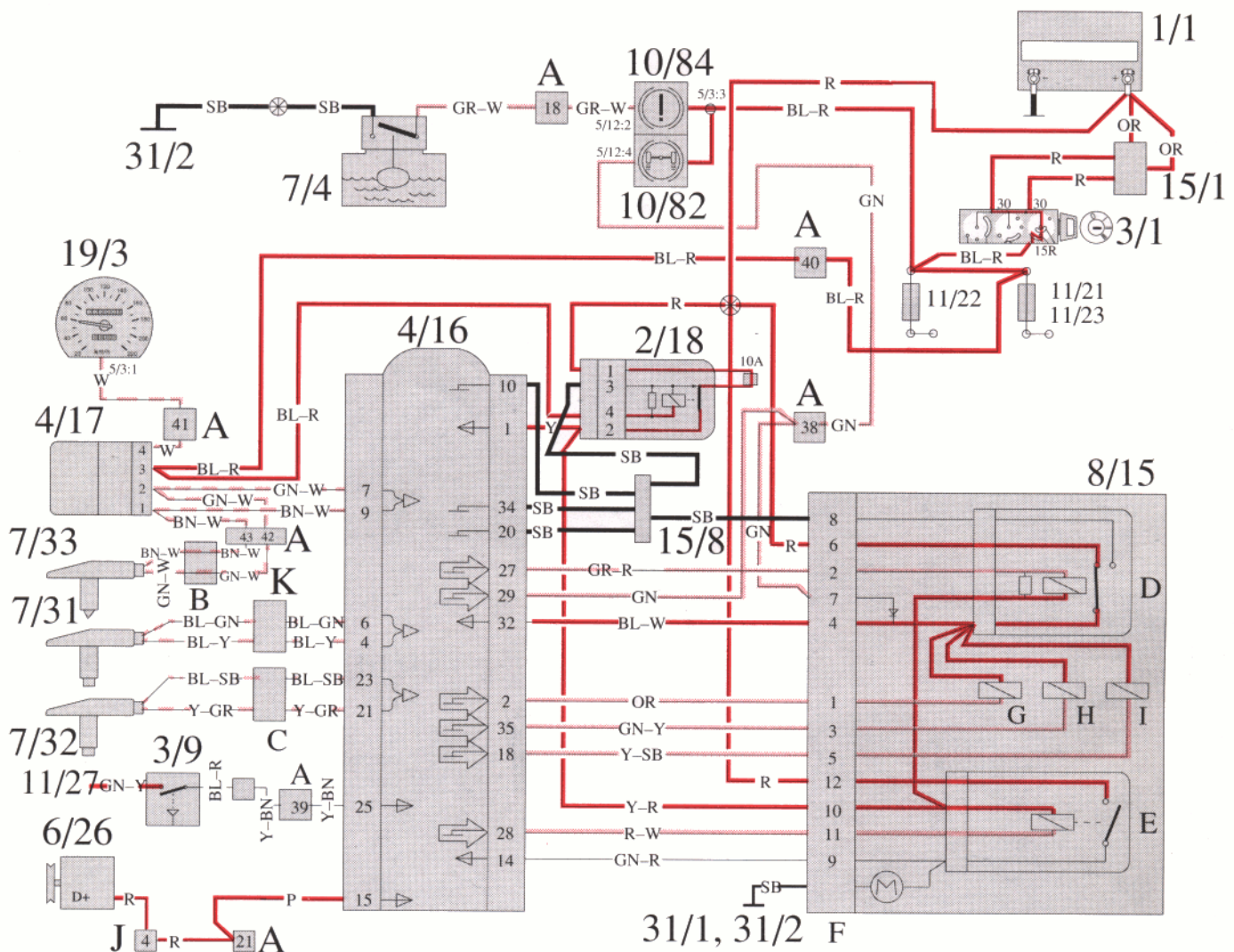
AW70/71 Overdrive

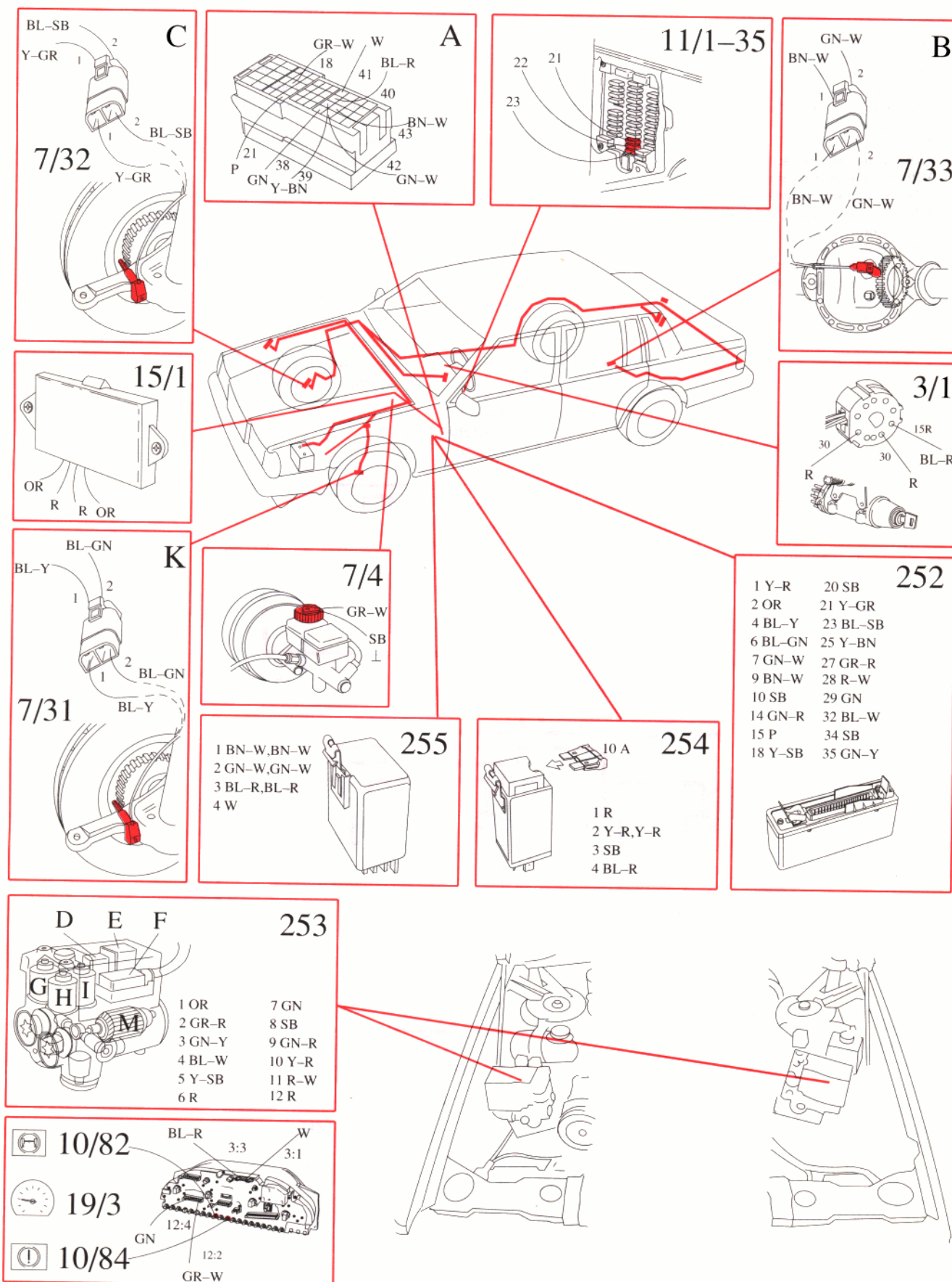


ABS

- 1/1 Battery
- 2/18 Transient surge protector
- 3/1 Ignition switch
- 3/9 Brake light switch
- 4/16 Control unit, ABS
- 4/17 ABS converter
- 6/26 Alternator
- 7/4 Brake fluid level sensor
- 7/31 ABS sensor, left front
- 7/32 ABS sensor, right front
- 7/33 Transmitter, ABS/speedometer
- 8/15 Modulator, ABS
- 10/82 ABS warning light
- 10/84 Brake failure warning light
- 11/1-35 Fuses
- 15/1 Positive terminal
- 19/3 Speedometer
- 31/1 Ground point, right front fender
- 31/2 Ground point, left front fender

- A Connector, left A-post
- B Connector, trunk
- C Connector, right suspension tower
- D Solenoid relay
- E Pump motor relay
- F Connector, modulator
- G Solenoid, left front
- H Solenoid, right front
- I Solenoid, rear
- J Connector, left suspension tower
- K Connector, left suspension tower





Power windows

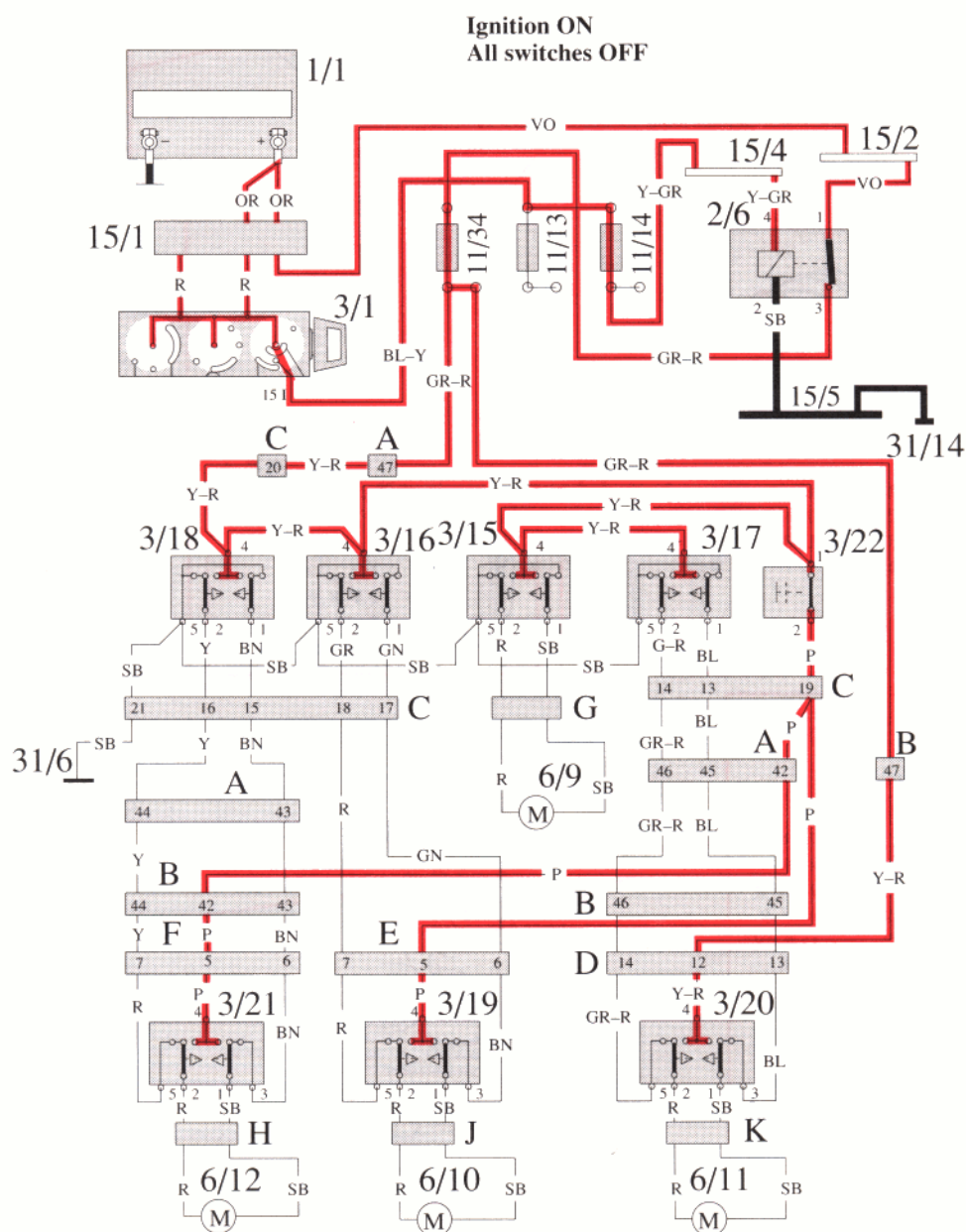
- 1/1 Battery
- 2/6 Headlight relay
- 3/1 Ignition switch
- 3/15 Switch in driver's door for driver's door
- 3/16 Switch in driver's door for rear driver's side door
- 3/17 Switch in driver's door for front passenger's side door
- 3/18 Switch in driver's door for rear passenger's side door
- 3/19 Switch in rear driver's side door
- 3/20 Switch in front passenger's door
- 3/21 Switch in rear passenger's side door
- 3/22 Contact breaker for rear power windows
- 6/9 Motor, driver's door
- 6/10 Motor, driver's side, rear
- 6/11 Motor, passenger's door
- 6/12 Motor, passenger's side, rear
- 11/1-35 Fuses
- 15/1 Positive terminal

- 15/2 30-terminal, relay unit
- 15/4 15I-terminal, relay unit
- 15/5 31-terminal, relay unit
- 31/10 Ground point, A-post, driver's door
- 31/14 Ground point, central relays

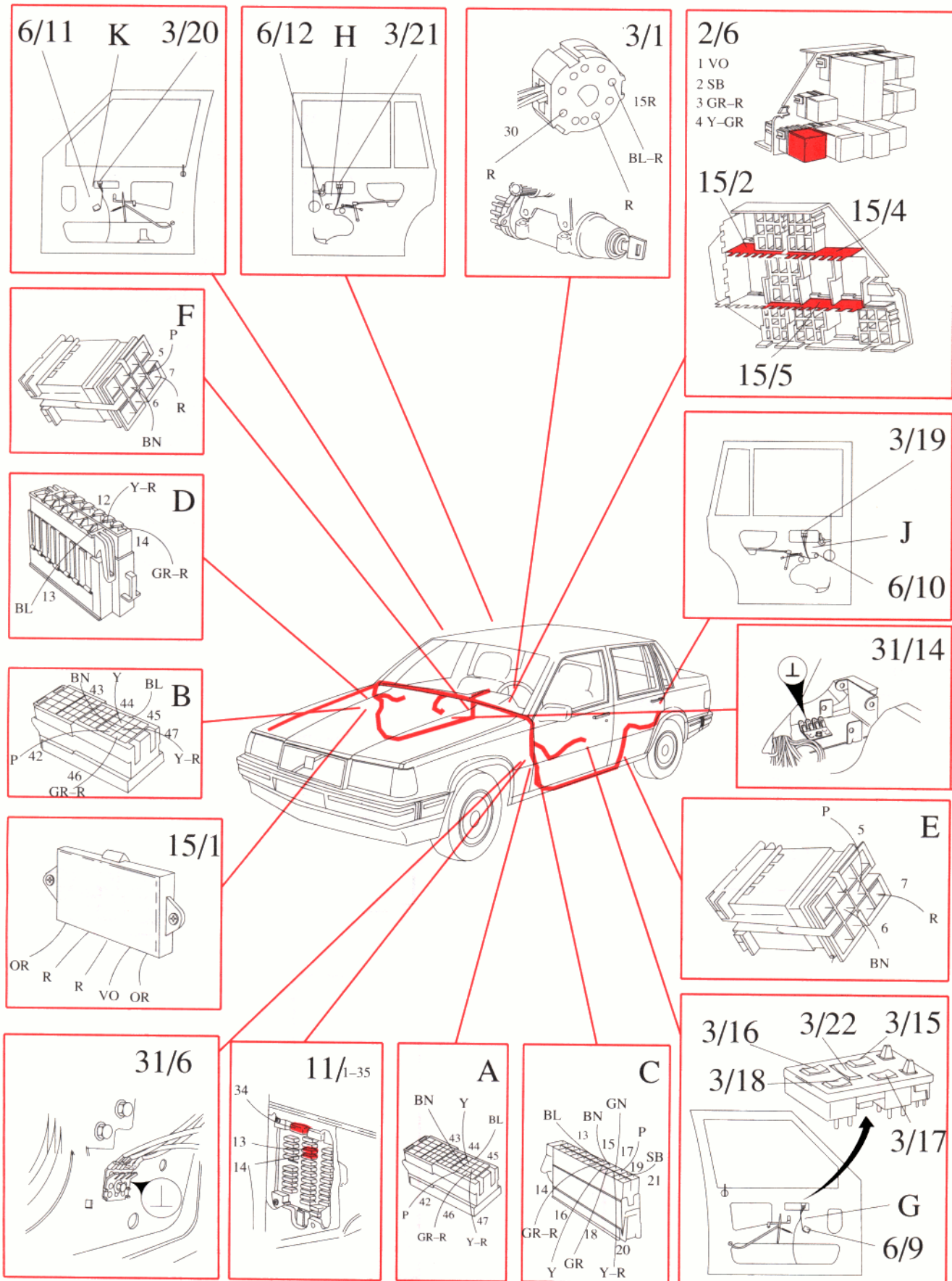
- A Connector, A-post, driver's door
- B Connector, A-post, passenger's door
- C Connector, driver's door
- D Connector, passenger's door
- E Connector, rear door, driver's side
- F Connector, rear door, passenger's side
- G Connector in driver's door
- H Connector in rear door, passenger's side
- J Connector in rear door, driver's side
- K Connector in passenger's door

Fuse No.

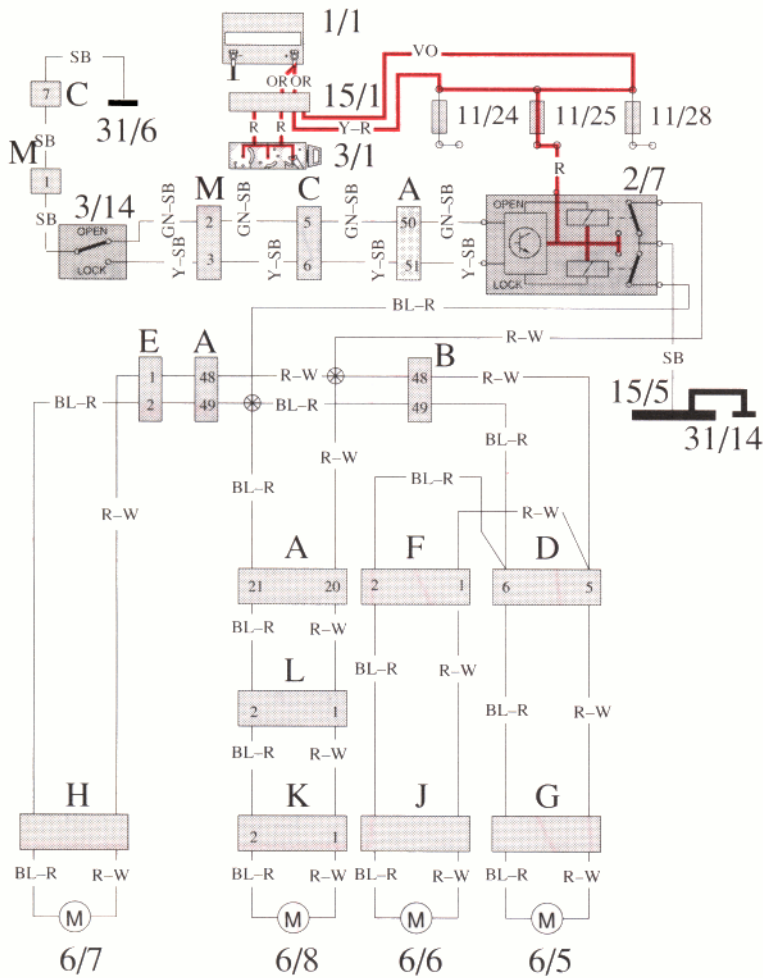
- 14 Seat belt reminder
- 34 Power sunroof



Power windows



Central locking

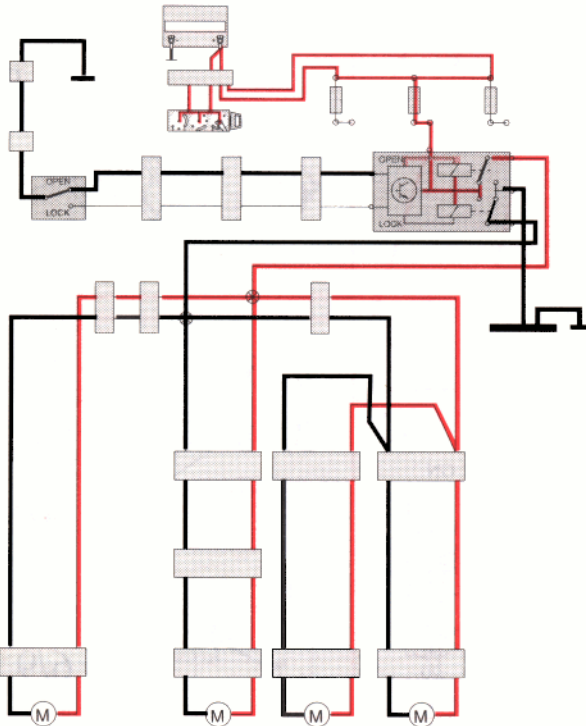


- 1/1 Battery
- 2/7 Relay, central lock
- 3/1 Ignition switch
- 3/14 Switch, door knob
- 6/5 Motor, central lock, passenger door
- 6/6 Motor, central lock, rear door, passenger side
- 6/7 Motor, central lock, rear driver side
- 6/8 Motor, tailgate
- 11/1-35 Fuses
- 15/1 Positive terminal
- 15/5 31-terminal, relay unit
- 31/6 Ground point, left A-post
- 31/14 Ground point, relay unit

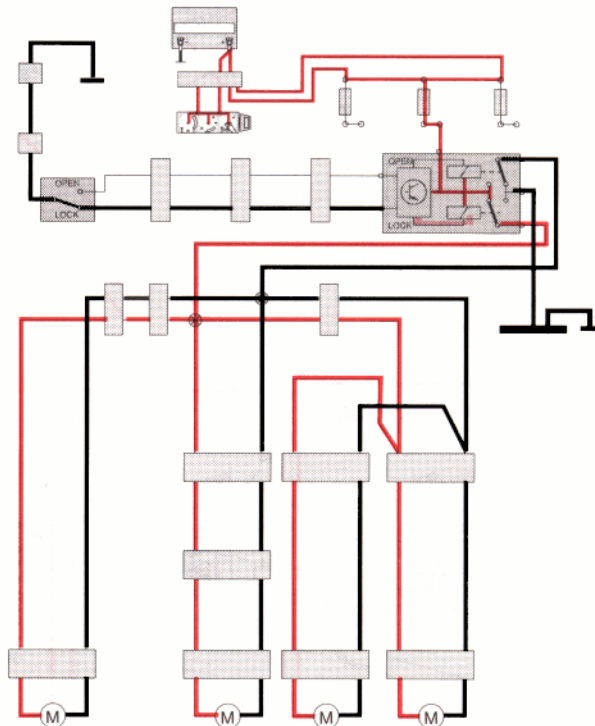
- A Connector, left A-post
- B Connector, right A-post
- C Connector, driver door
- D Connector, passenger door
- E Connector, rear door
- F Connector, rear door
- G Connector in passenger door
- H Connector in rear door
- J Connector in rear door
- K Connector in trunk lid
- L Connector in tailgate (wagons)
- M Connector in driver door

Fuse No.
25 Hazard warning blinkers

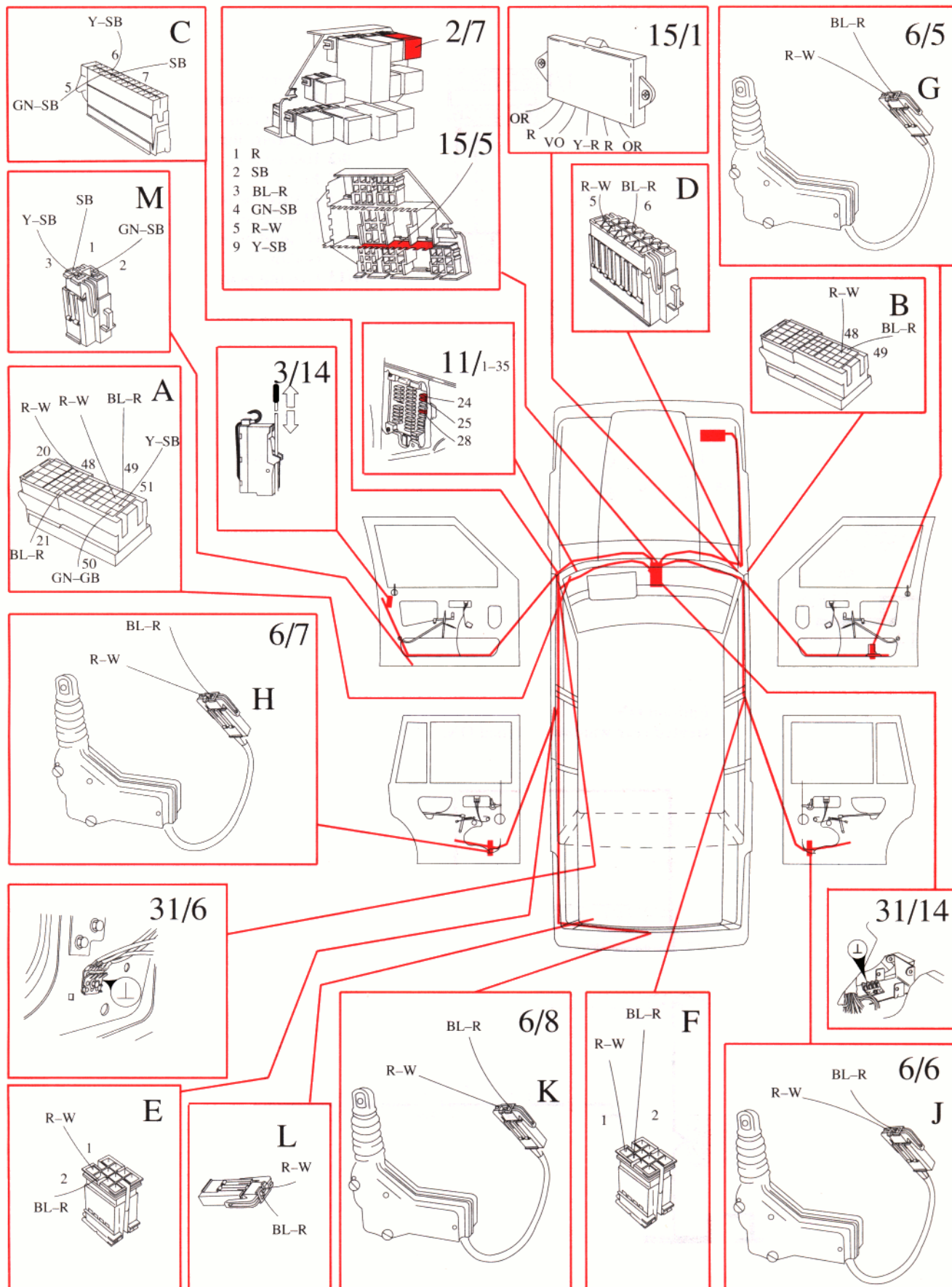
Unlocking (using key)



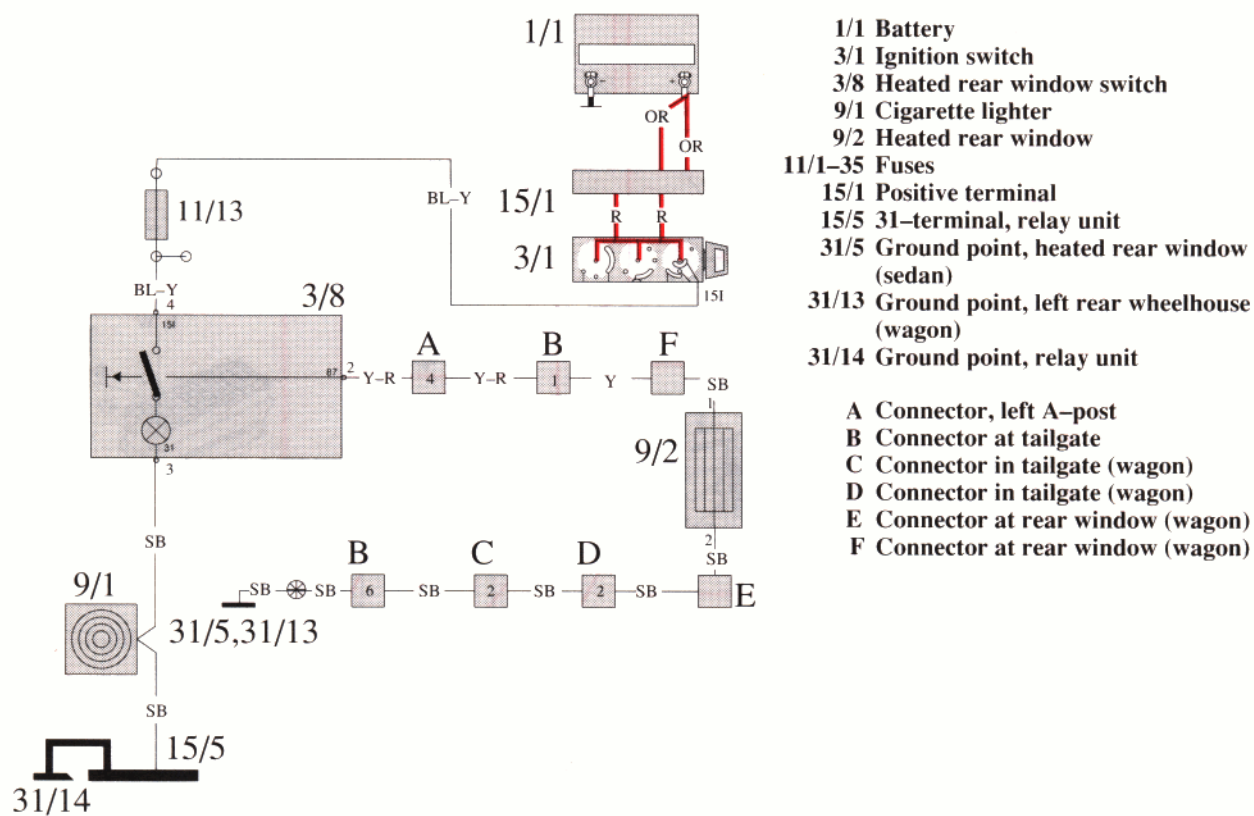
Locking (using key)



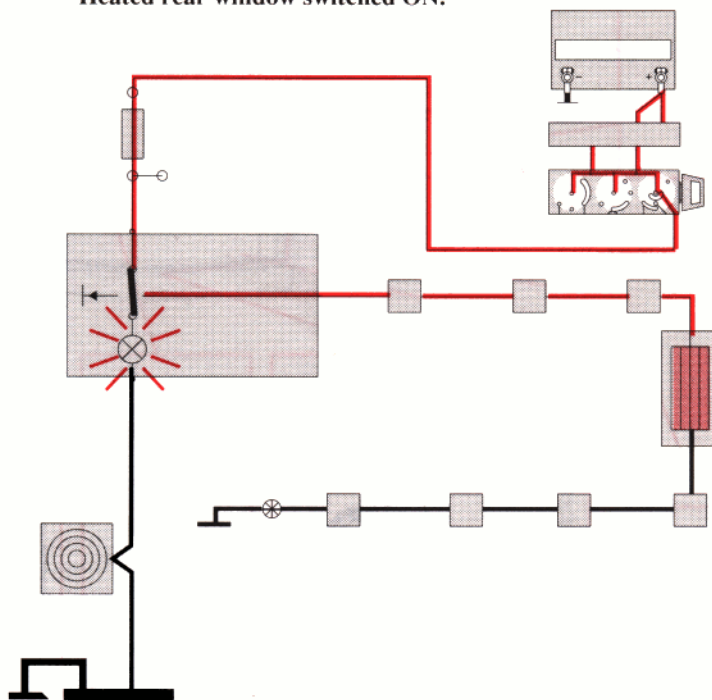
Central locking



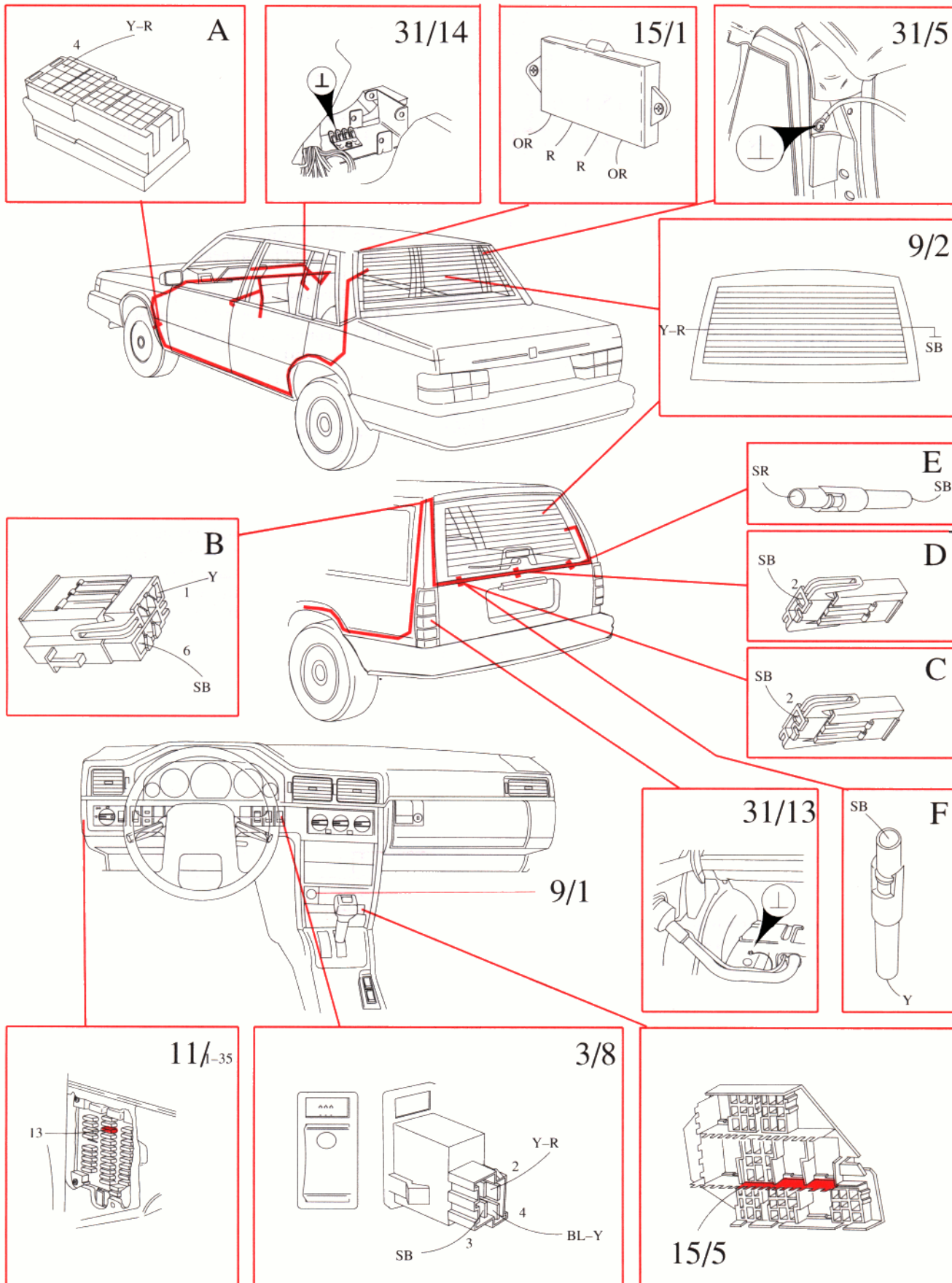
Heated rear window



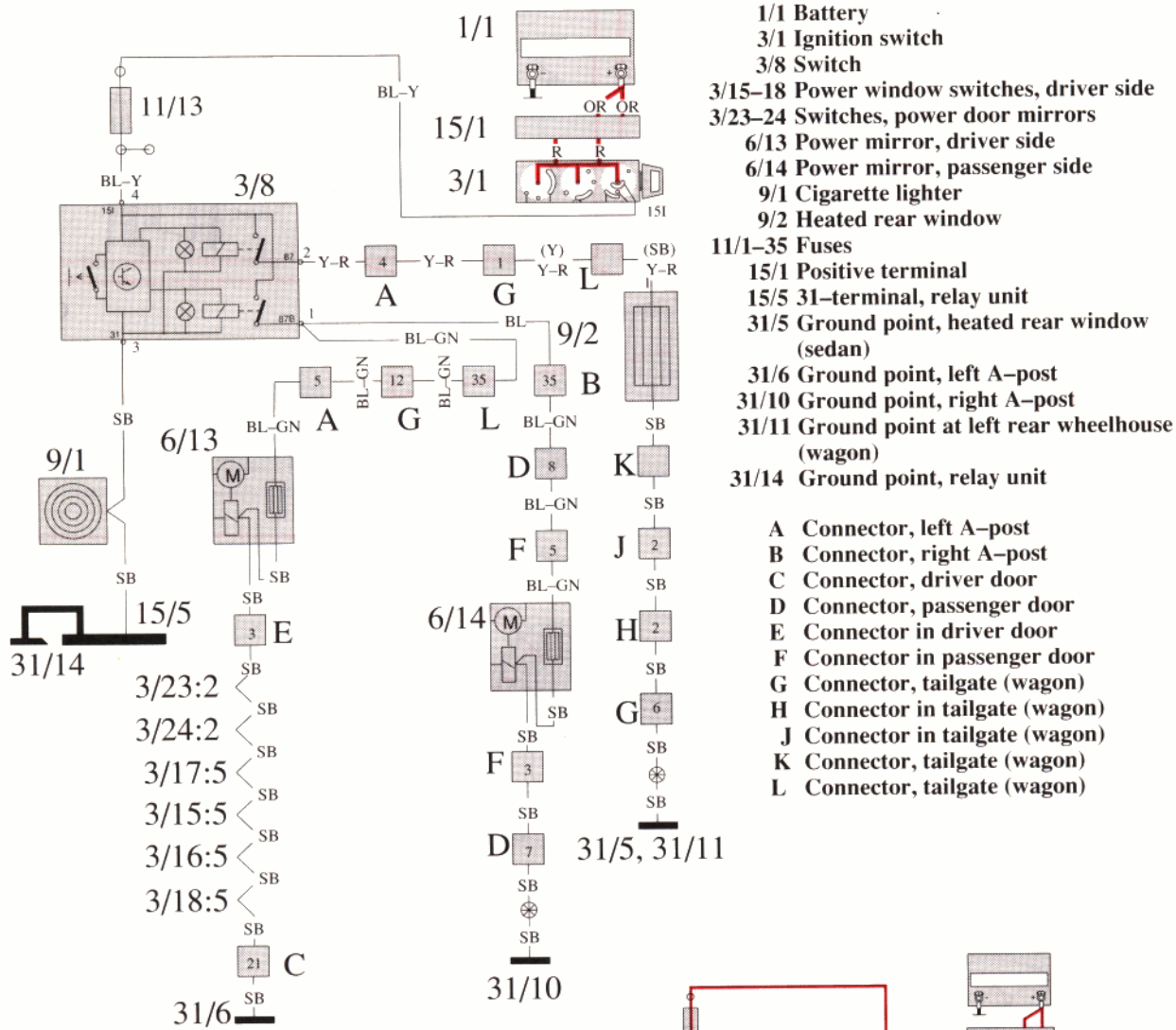
Ignition ON.
Heated rear window switched ON.



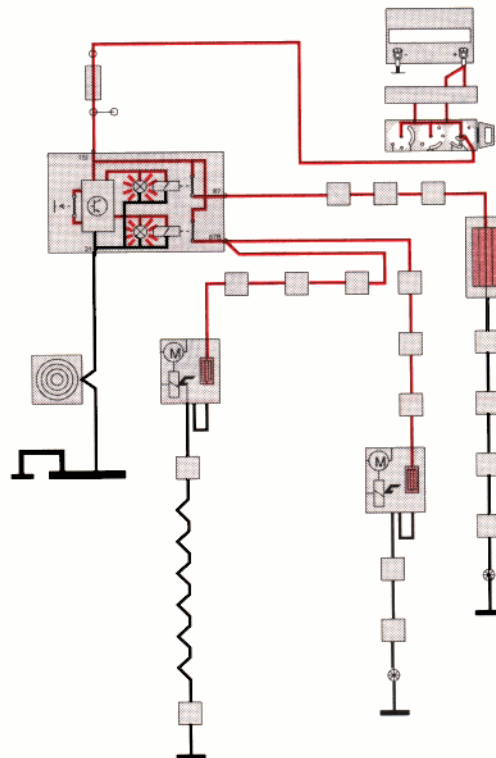
Heated rear window



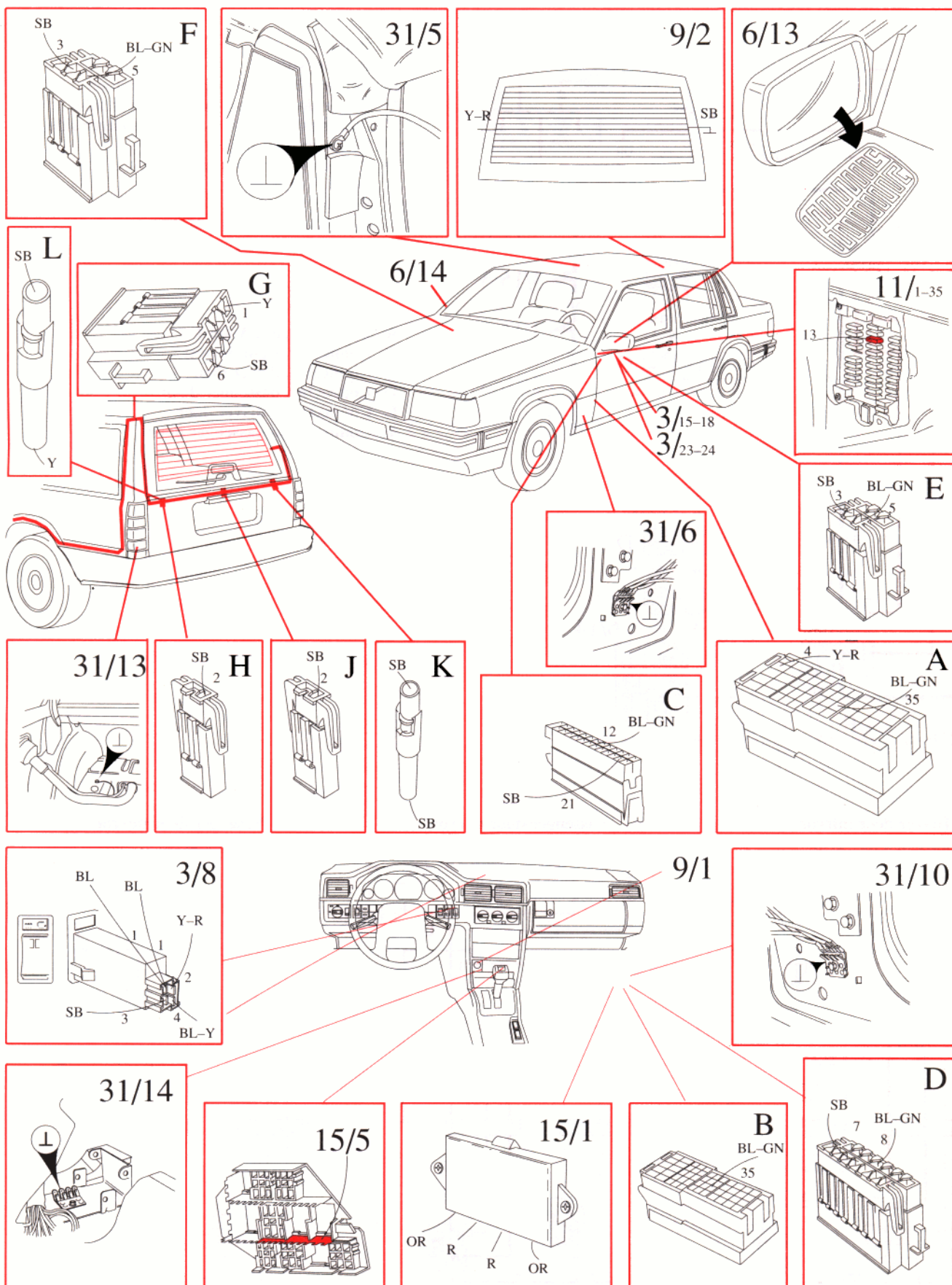
Heated rear window and door mirrors with delay relay



Heated rear window and door mirrors switched ON. The current is switched off after 6 minutes to the door mirrors and after 12 minutes to the rear window.

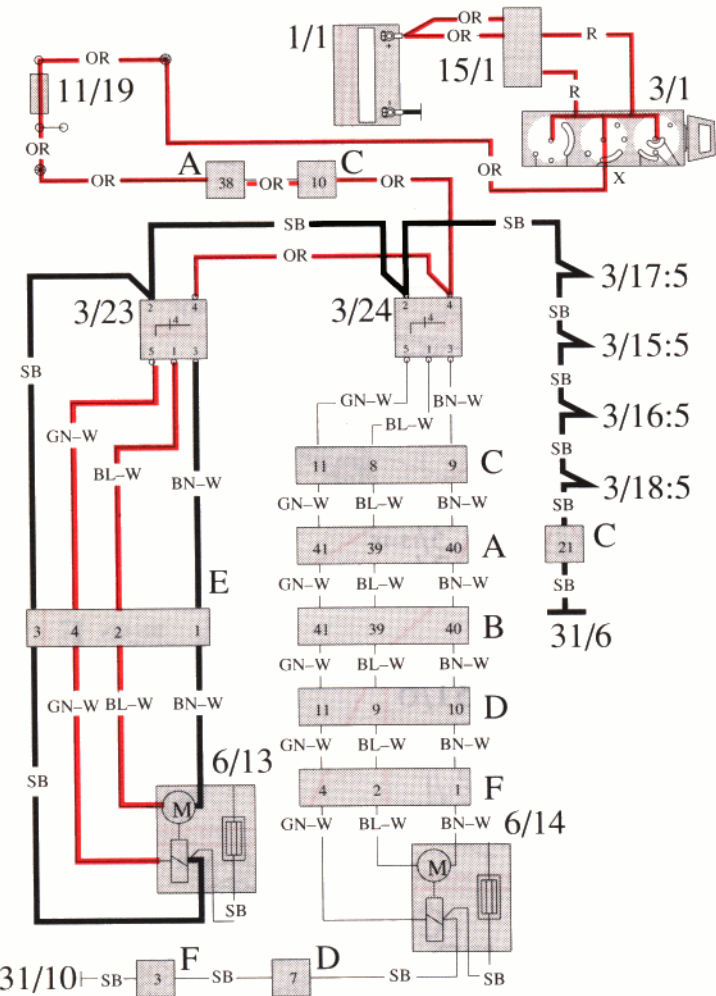


Heated rear window and door mirrors with delay relay



Power door mirrors

Driver door mirror adjusted to the left.

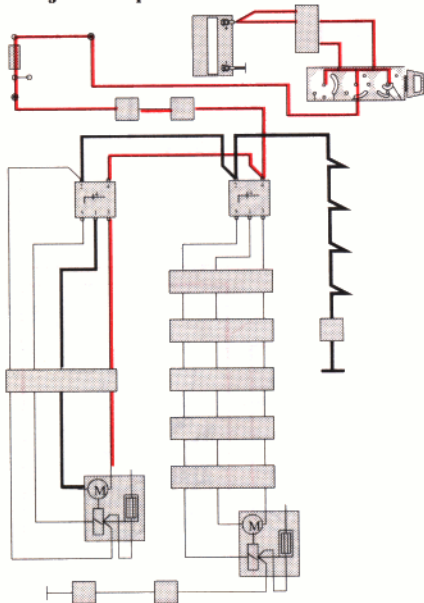


- 1/1 Battery
- 3/1 Ignition switch
- 3/15-18 Power window switches, driver door
- 3/23 Power door mirror switch, driver side
- 3/24 Power door mirror switch, passenger side
- 6/13 Power mirror, driver side
- 6/14 Power mirror, passenger side
- 11/1-35 Fuses
- 15/1 Positive terminal
- 31/6 Ground point, left A-post
- 31/10 Ground point, right A-post

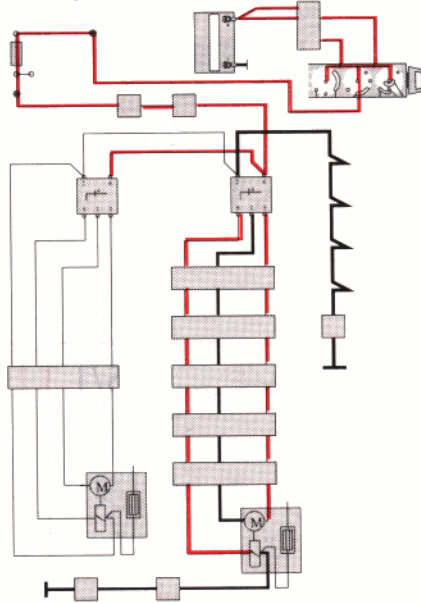
- A Connector, left A-post
- B Connector, right A-post
- C Connector, driver door
- D Connector, passenger door
- E Connector in driver door
- F Connector in passenger door

- Fuse No.
- 19 Cigarette lighter

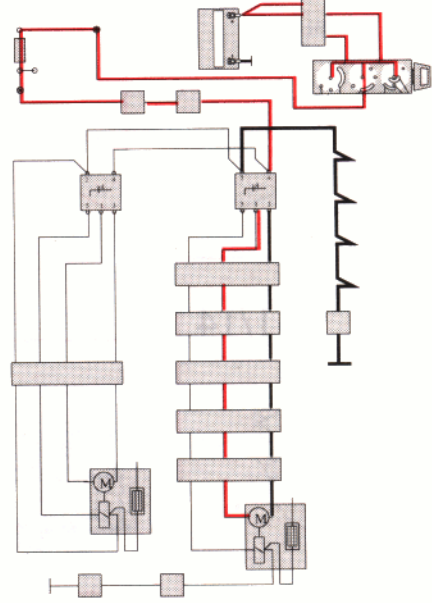
Driver door mirror adjusted upward.



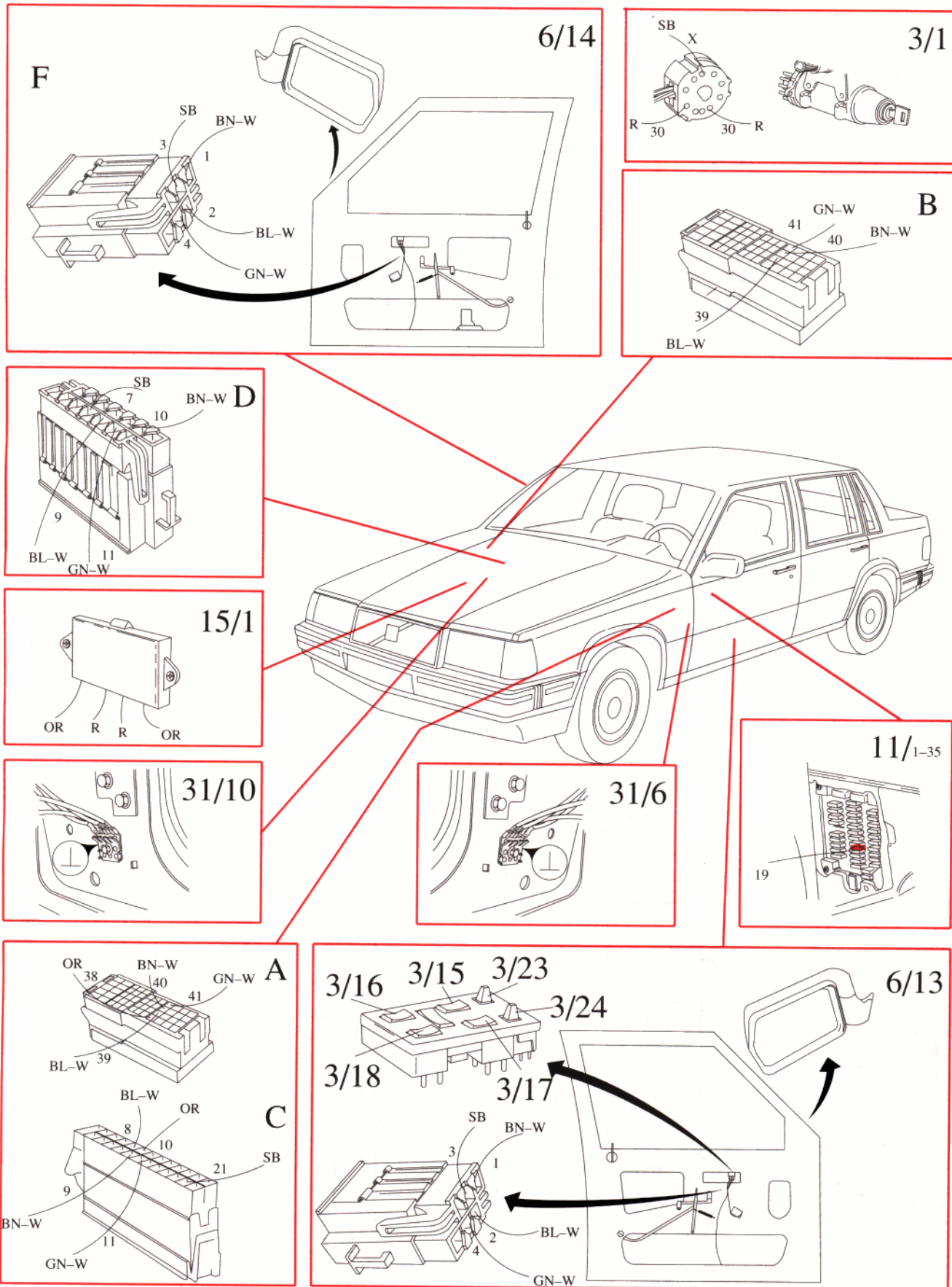
Passenger door mirror adjusted to the right.



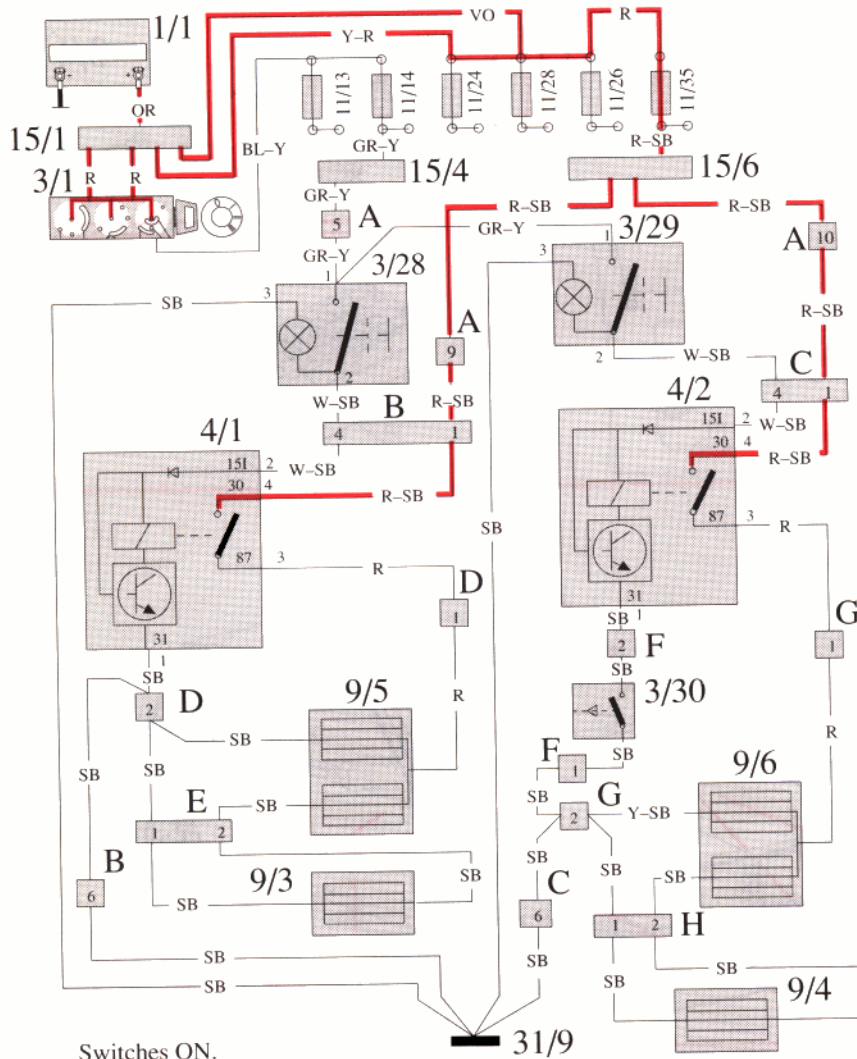
Passenger door mirror adjusted downward.



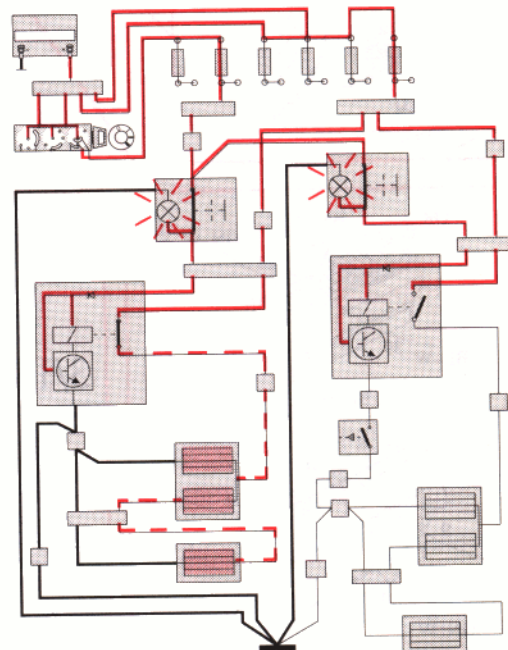
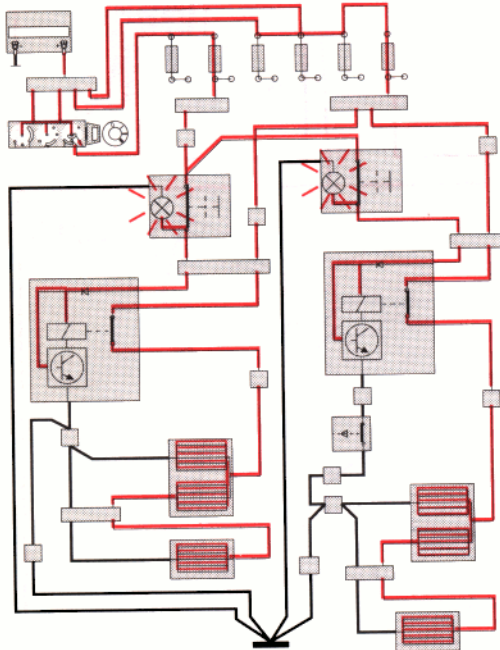
Power door mirrors



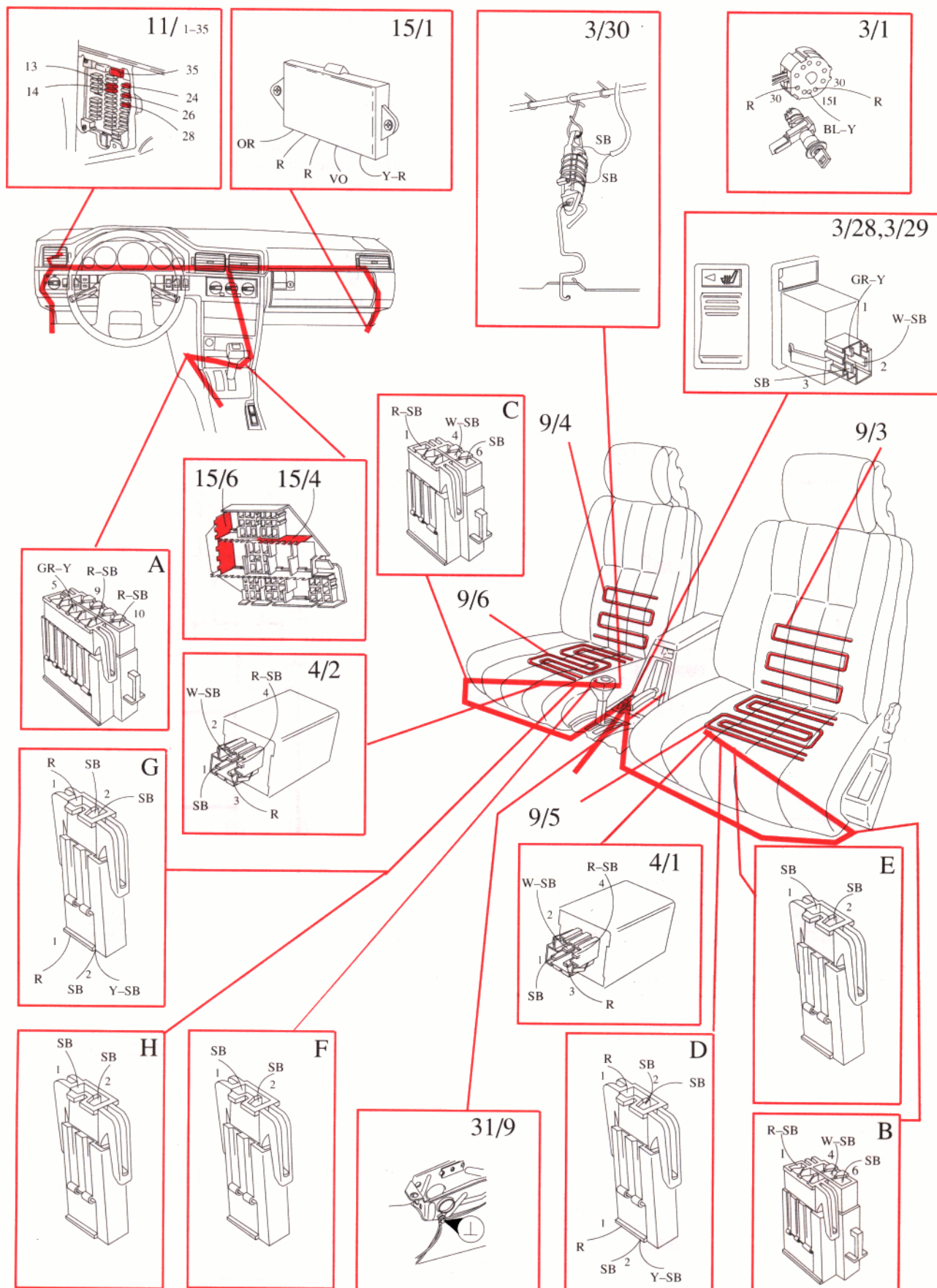
Heated seats



Switches ON.
 Low output without passengers.



Heated seats



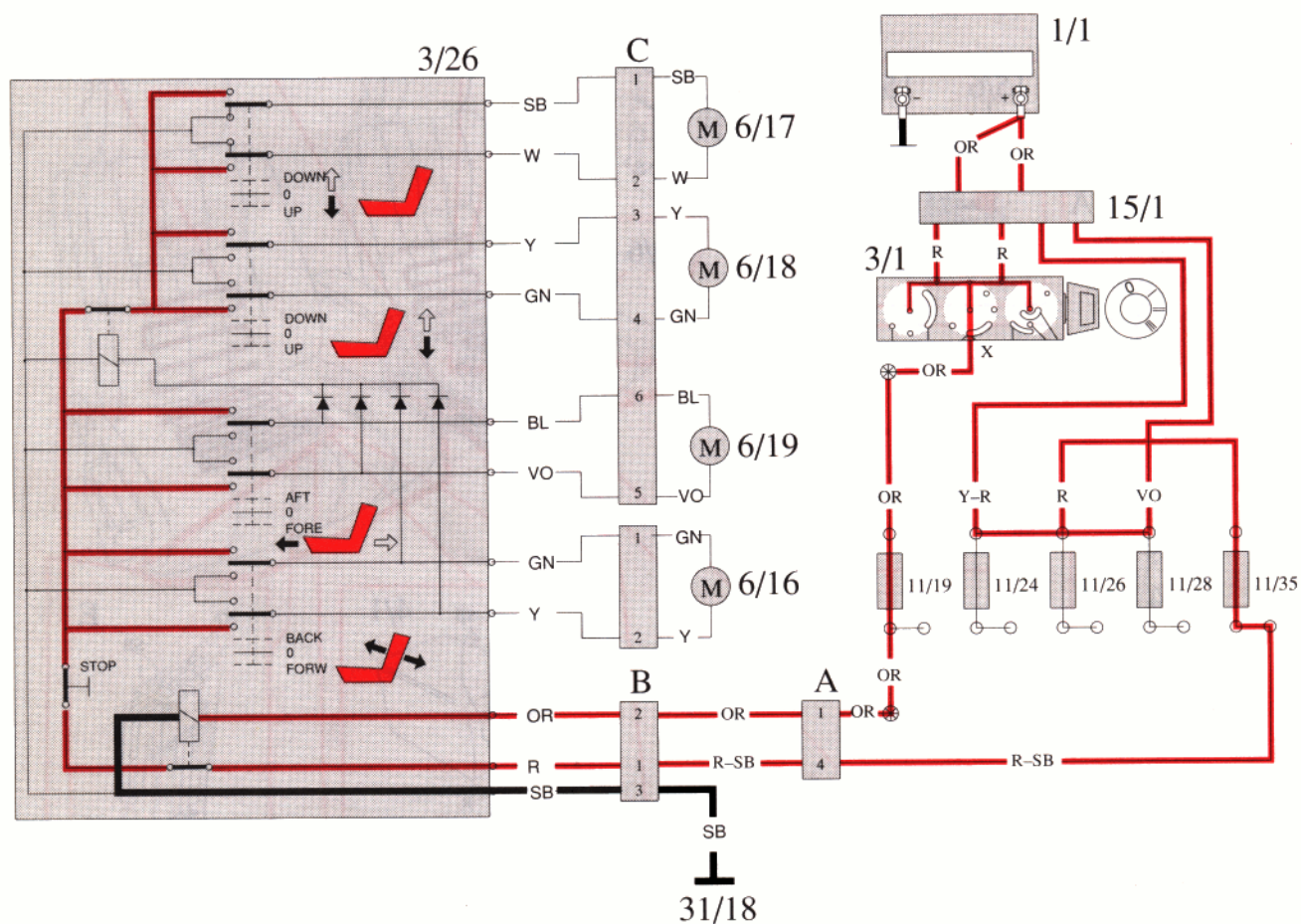
Power seats

- 1/1 Battery
- 3/1 Ignition switch
- 3/26 Control unit
- 6/16 Motor, backrest tilt
- 6/17 Motor, up-down (front)
- 6/18 Motor, up-down (rear)
- 6/19 Motor, backward - forward
- 11/1-35 Fuses
- 15/1 Positive terminal
- 31/18 Ground point

- A Connector at relay unit
- B Connector at seat
- C Connector under seat
- D Connector under seat

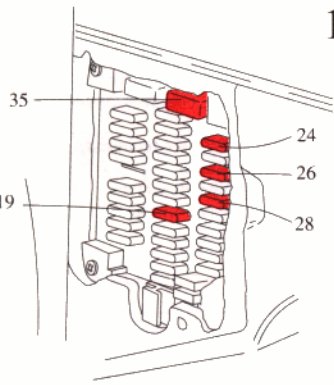
Fuse
No.

- 19 Cigarette lighter
- 35 Heated seats

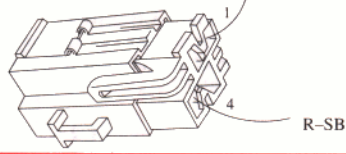


Power seats

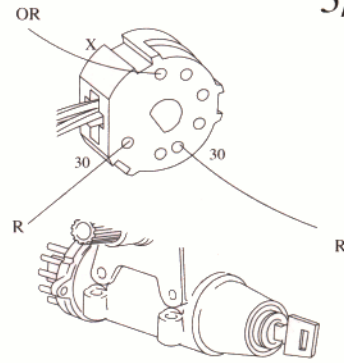
11/ 1-35



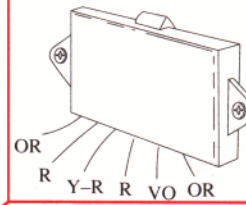
OR A



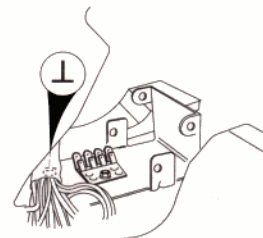
3/1



15/1

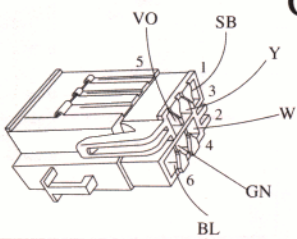


31/18

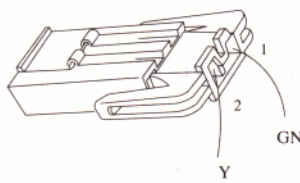


3/26

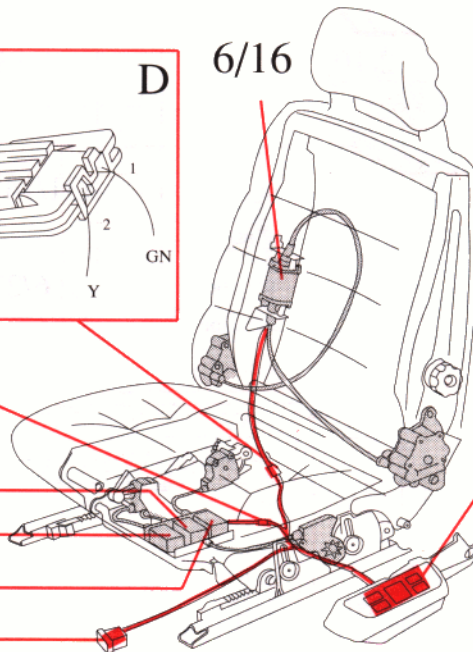
C



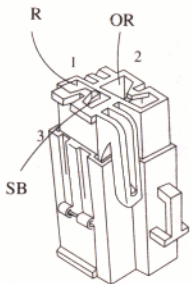
D



6/16



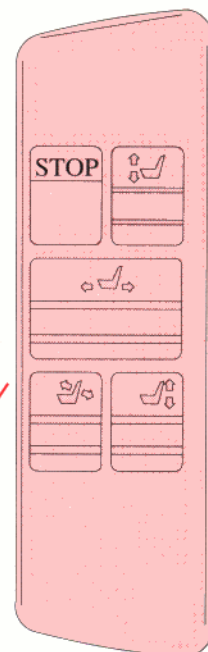
B



6/19

6/17

6/18

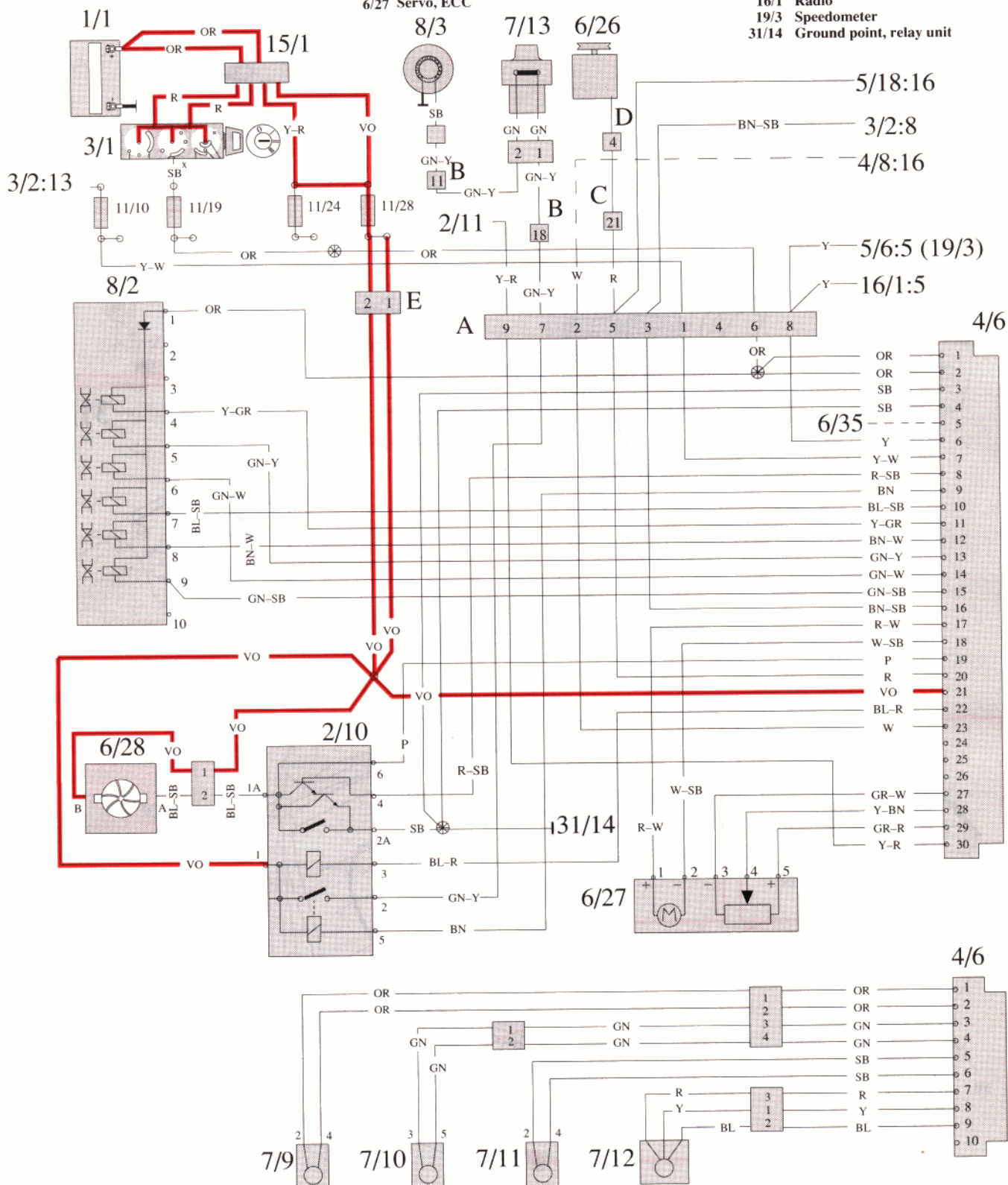


Electronic climate control (ECC)

- A Connector at instrument panel
B Connector, right A-post
C Connector, left A-post
D Connector, left suspension tower
E Connector, at instrument panel

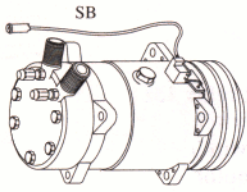
- 1/1 Battery
2/10 Power unit, ECC
2/11 Relay, electric cooling fan
3/1 Ignition switch
3/2 Headlight switch
4/6 Control unit, ECC
4/8 Control unit, LH-jetronic
5/6 6-pole connector at instrument panel
5/18 18-panel connector at instrument panel
6/26 Alternator
6/27 Servo, ECC

- 6/28 Heater blower motor
6/35 Parking heater
7/9 Coolant temperature sensor
7/10 In-car temperature sensor, ECC
7/11 Ambient temperature sensor, ECC
7/12 Sun heat sensor
7/13 AC pressure sensor
8/2 Solenoid valve
8/3 AC compressor solenoid
11/1-35 Fuses
15/1 Positive terminal
16/1 Radio
19/3 Speedometer
31/14 Ground point, relay unit

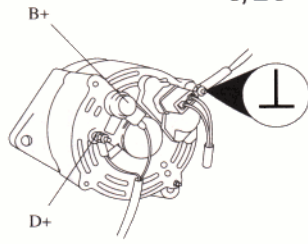


Electronic climate control (ECC)

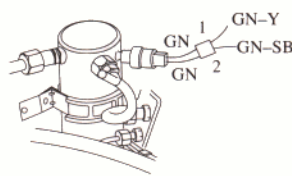
8/3



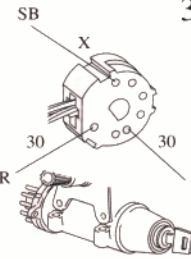
6/26



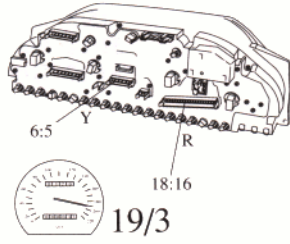
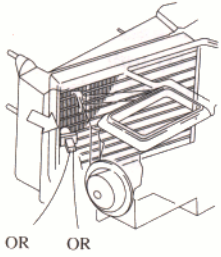
7/13



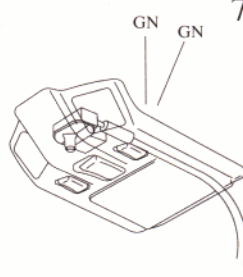
3/1



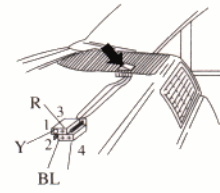
7/9



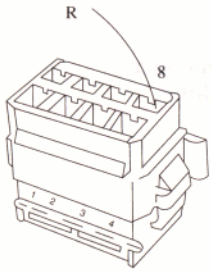
7/10



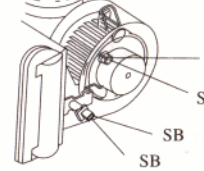
7/12



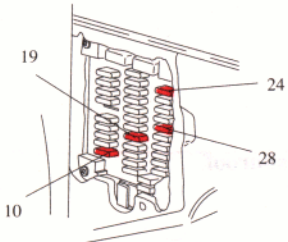
D



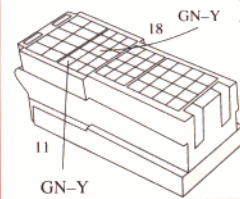
6/28, 7/11



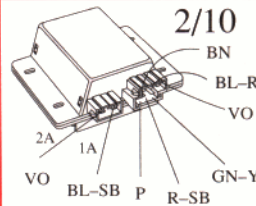
11/1-35



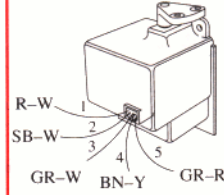
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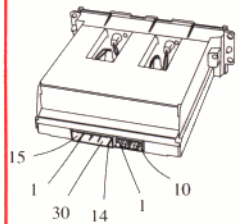
2/10



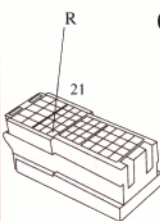
6/27



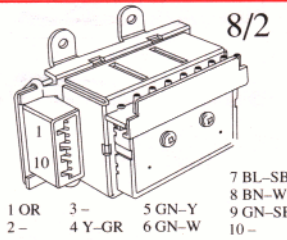
4/6



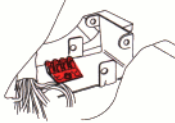
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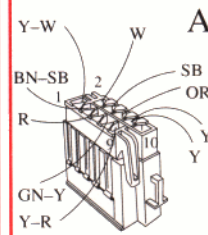
8/2



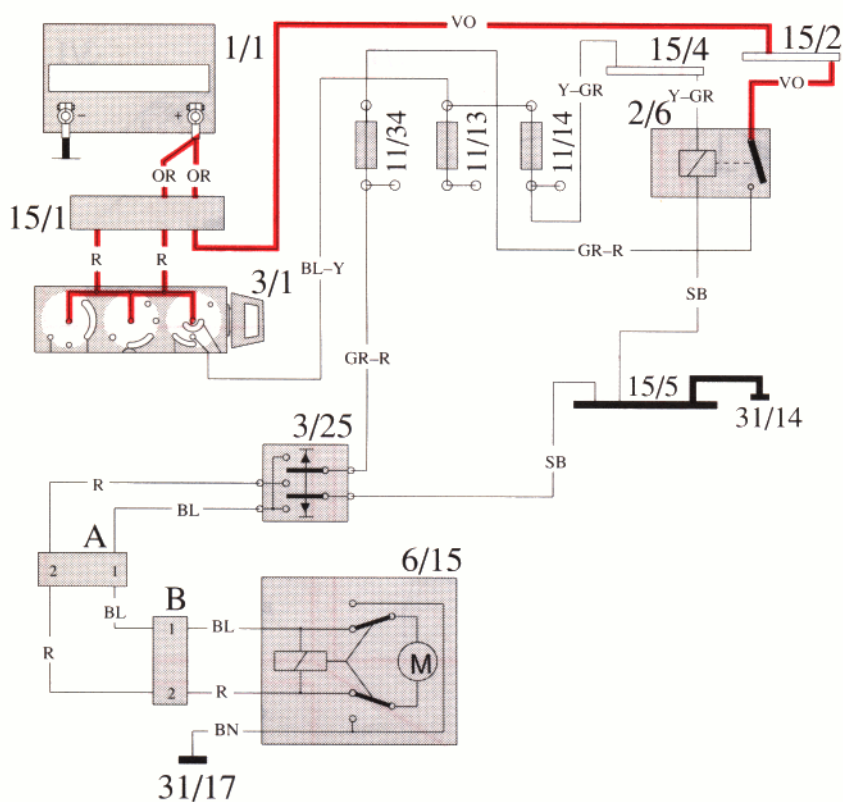
31/14



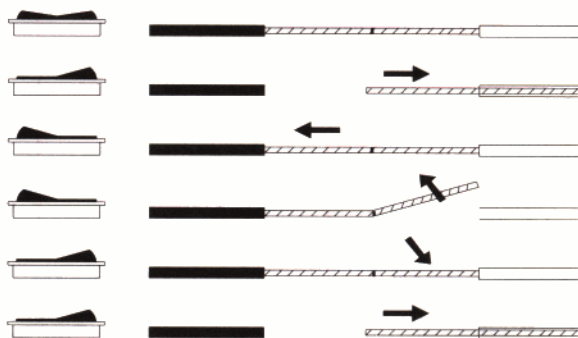
A



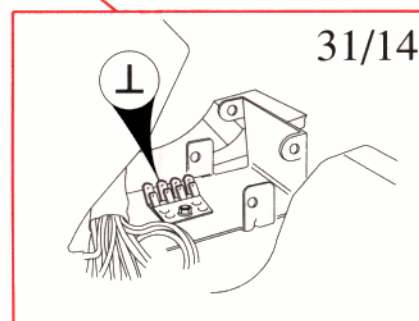
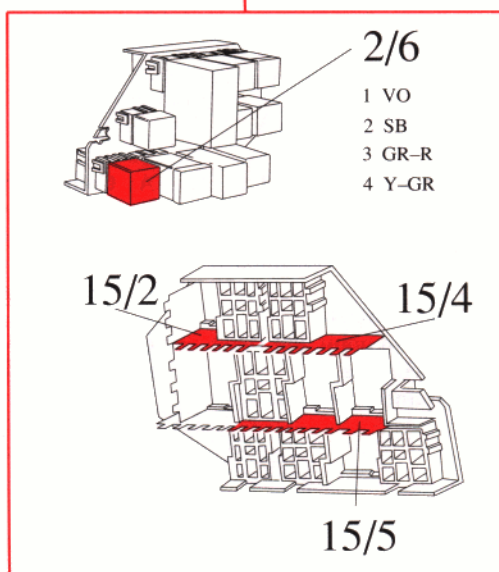
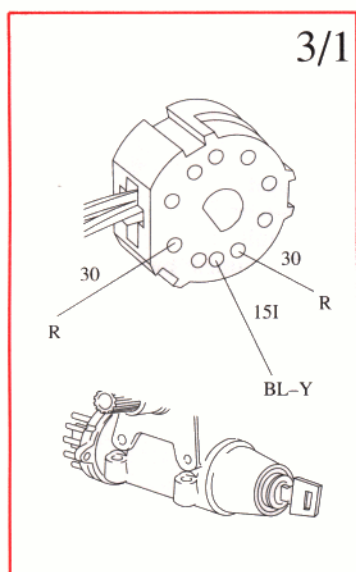
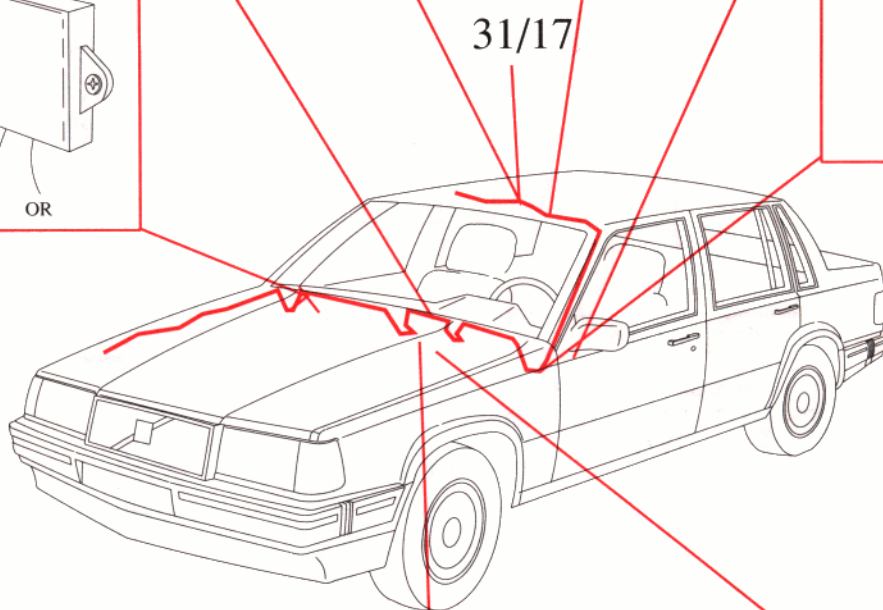
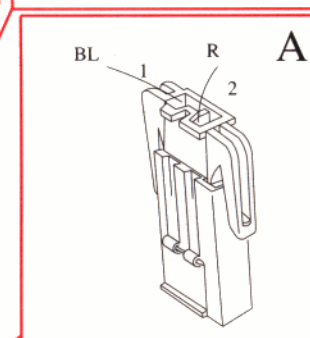
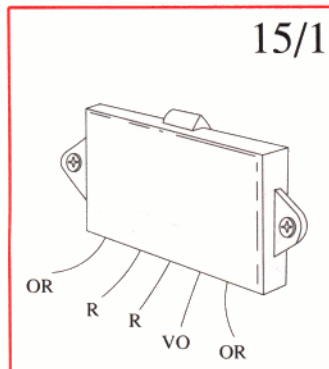
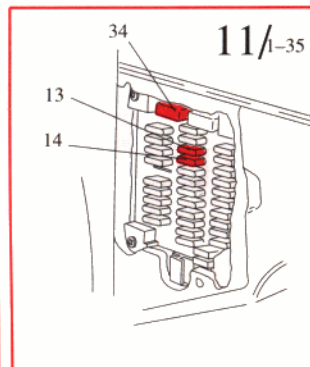
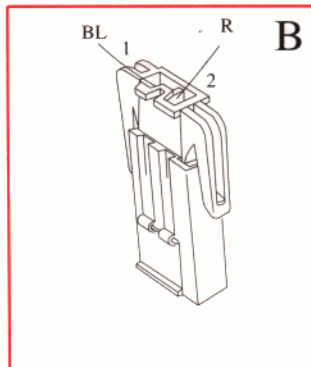
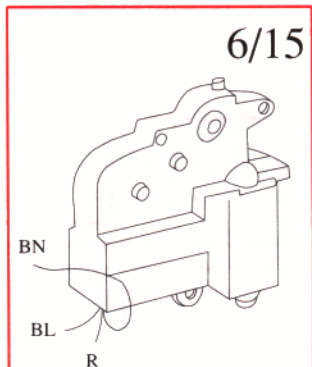
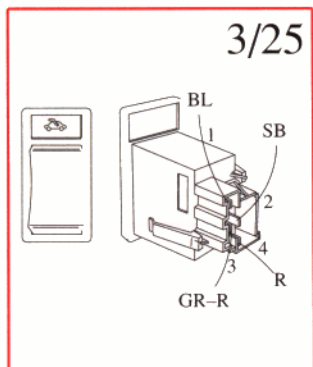
Power sunroof



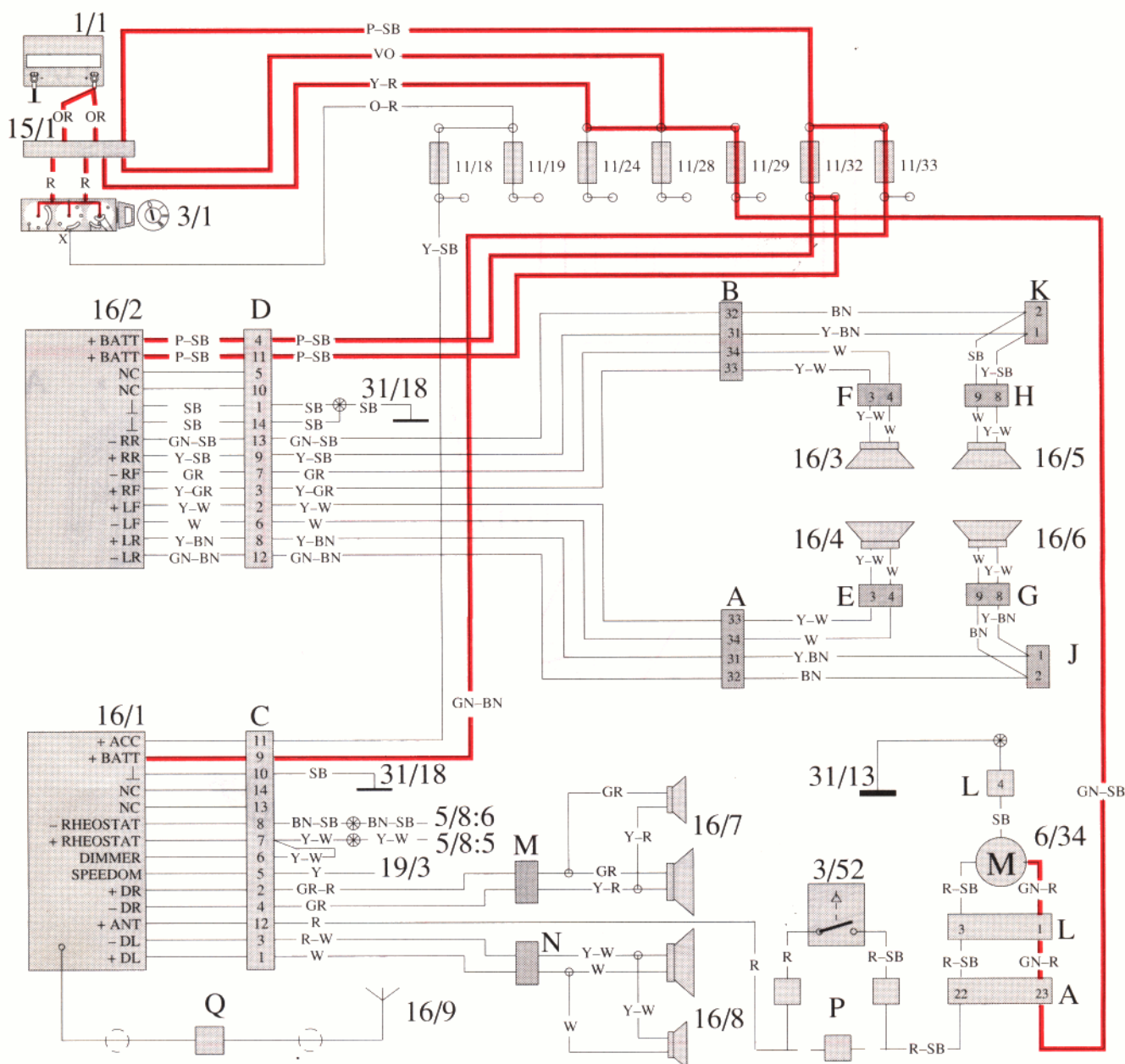
Operating the sunroof



Power sunroof



Radio connections and power antenna

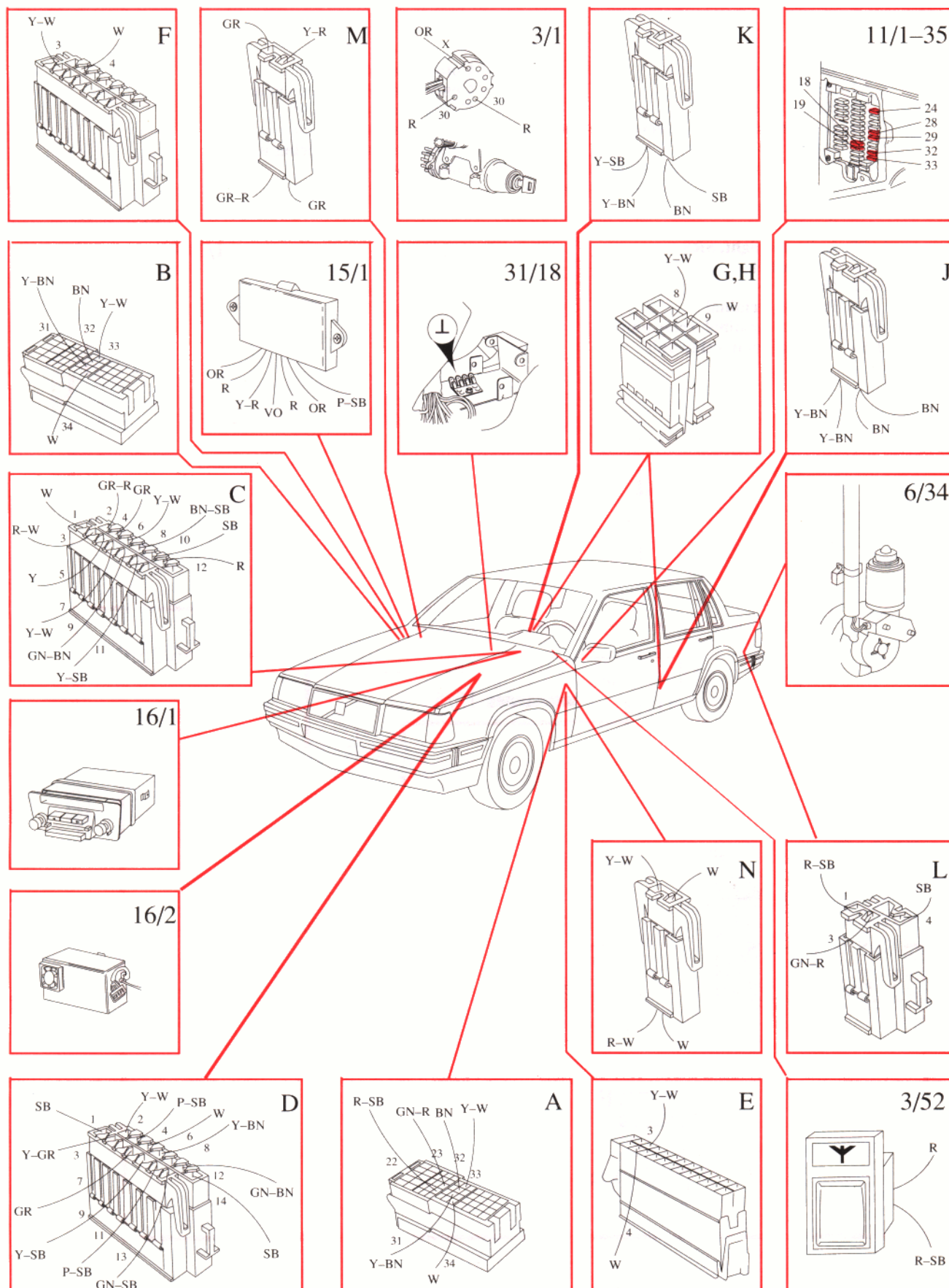


- 1/1 Battery
- 3/1 Ignition switch
- 3/52 Power antenna switch
- 5/8 8-pole connector, instrument panel
- 6/34 Power antenna motor
- 11/1-35 Fuses
- 15/1 Positive terminal
- 16/1 Radio
- 16/2 Radio amplifier
- 16/3 Speaker, front right door
- 16/4 Speaker, front left door

- 16/5 Speaker, rear right
- 16/6 Speaker, rear left
- 16/7 Speaker, right dashboard
- 16/8 Speaker, left dashboard
- 16/9 Antenna
- 19/3 Speedometer
- 31/13 Ground point, left rear wheelhouse
- 31/18 Ground point, tunnel

- A Connector, left A-post
- B Connector, right A-post
- C Connector at relay unit
- D Connector under instrument panel
- E Connector, left front door
- F Connector, right front fender
- G Connector, left rear door
- H Connector, right rear door
- J Connector, left B-post
- K Connector, right B-post
- L Connector at power antenna
- M Connector, right A-post
- N Connector, left A-post
- P Connector at relay unit
- Q Connector at relay unit

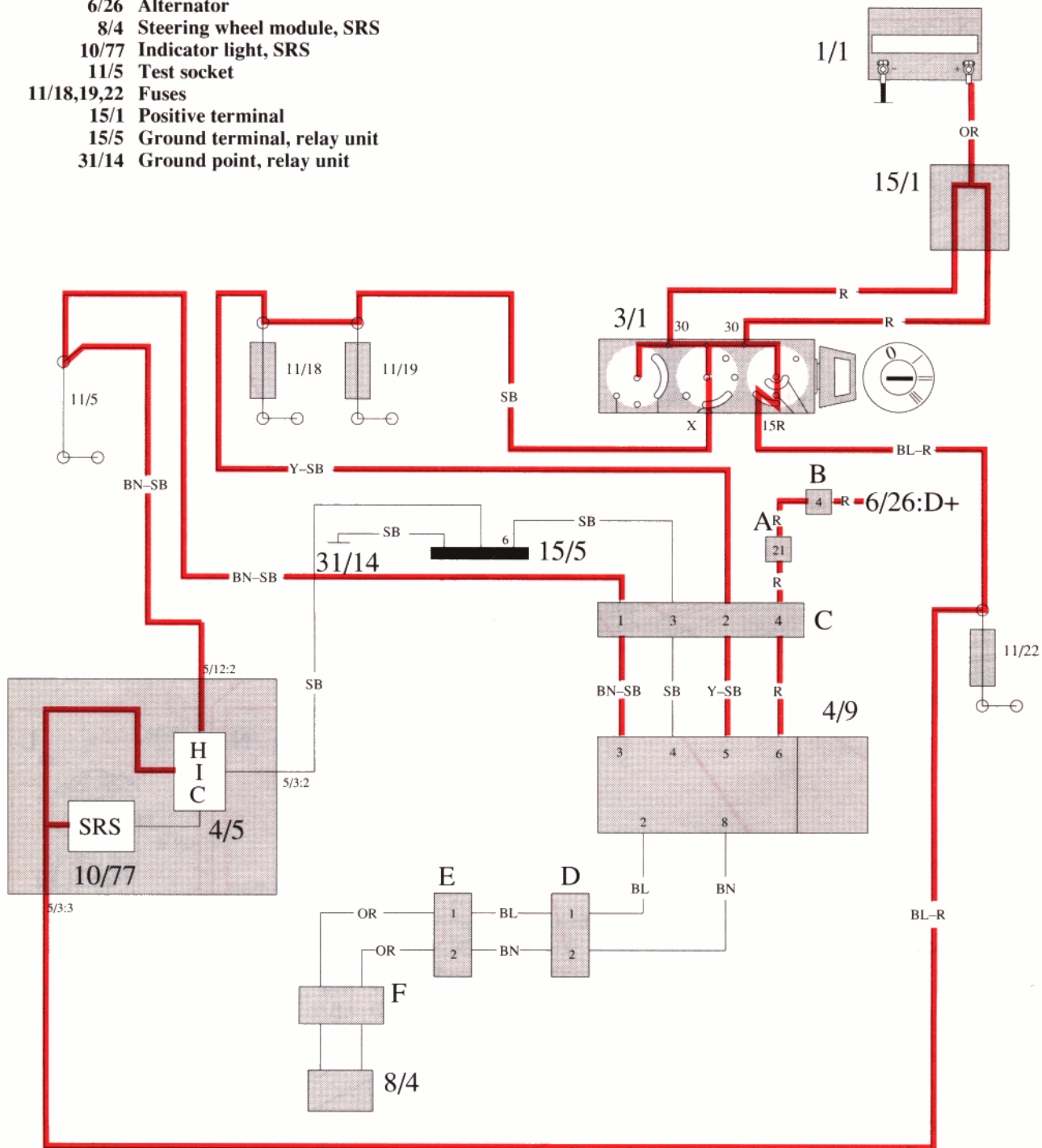
Radio connections and power antenna



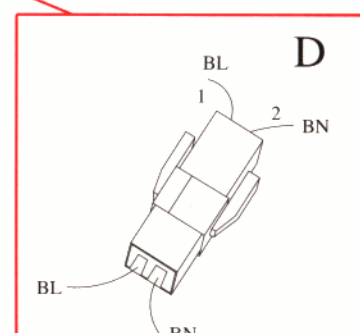
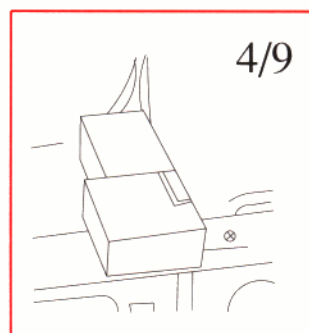
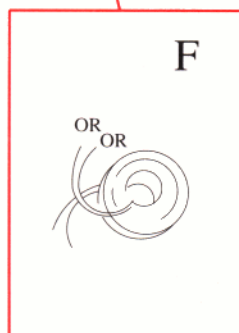
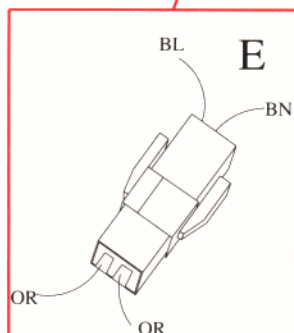
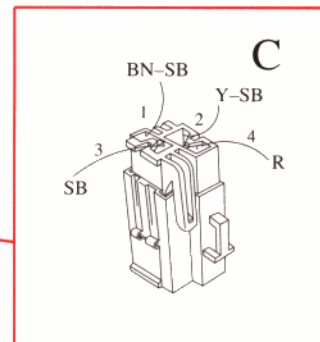
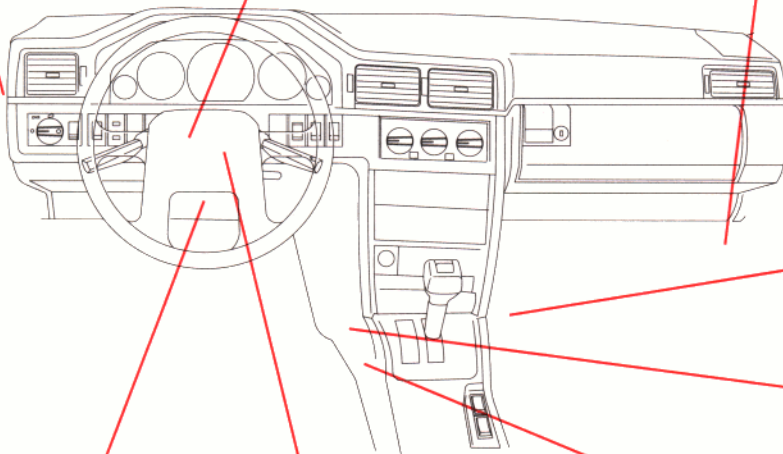
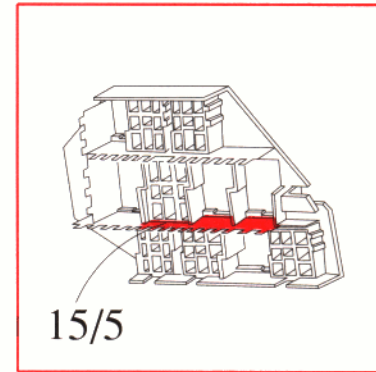
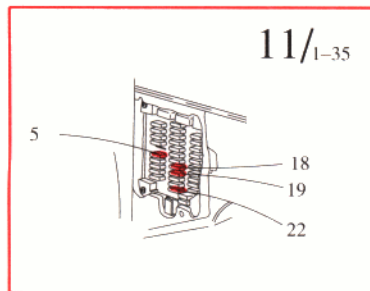
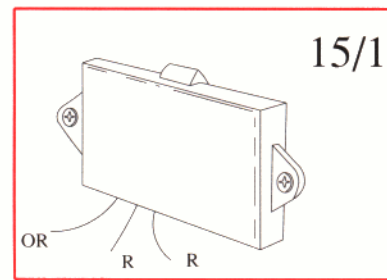
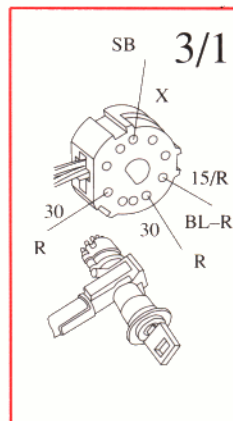
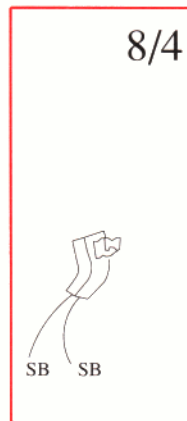
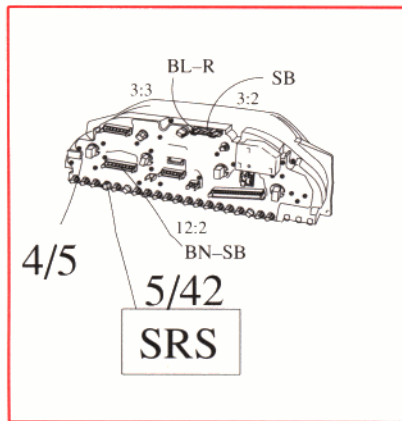
SRS Supplementary Restraint System (Airbag)

- 1/1 Battery
- 3/1 Ignition switch
- 4/5 Safety circuit, SRS
- 4/9 Impact sensor and reserve energy unit (under driver seat)
- 5/3 3-pole connector, instrument panel
- 5/12 12-pole connector, instrument panel
- 6/26 Alternator
- 8/4 Steering wheel module, SRS
- 10/77 Indicator light, SRS
- 11/5 Test socket
- 11/18,19,22 Fuses
- 15/1 Positive terminal
- 15/5 Ground terminal, relay unit
- 31/14 Ground point, relay unit

- A Connector, left A-post
- B Connector, left suspension tower
- C Connector at relay unit
- D Connector at relay unit
- E Connector under steering wheel
- F Contact reel



SRS Supplemental Restraint System (airbag)



760 GLE - 760 TURBO
WIRING DIAGRAMS

1988

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