

# How to use the wiring diagrams

Look up the relevant electrical function in the index.  
 Let us say you want to look at the central locking system.  
 According to the index, the central locking system is found  
 on page 138.

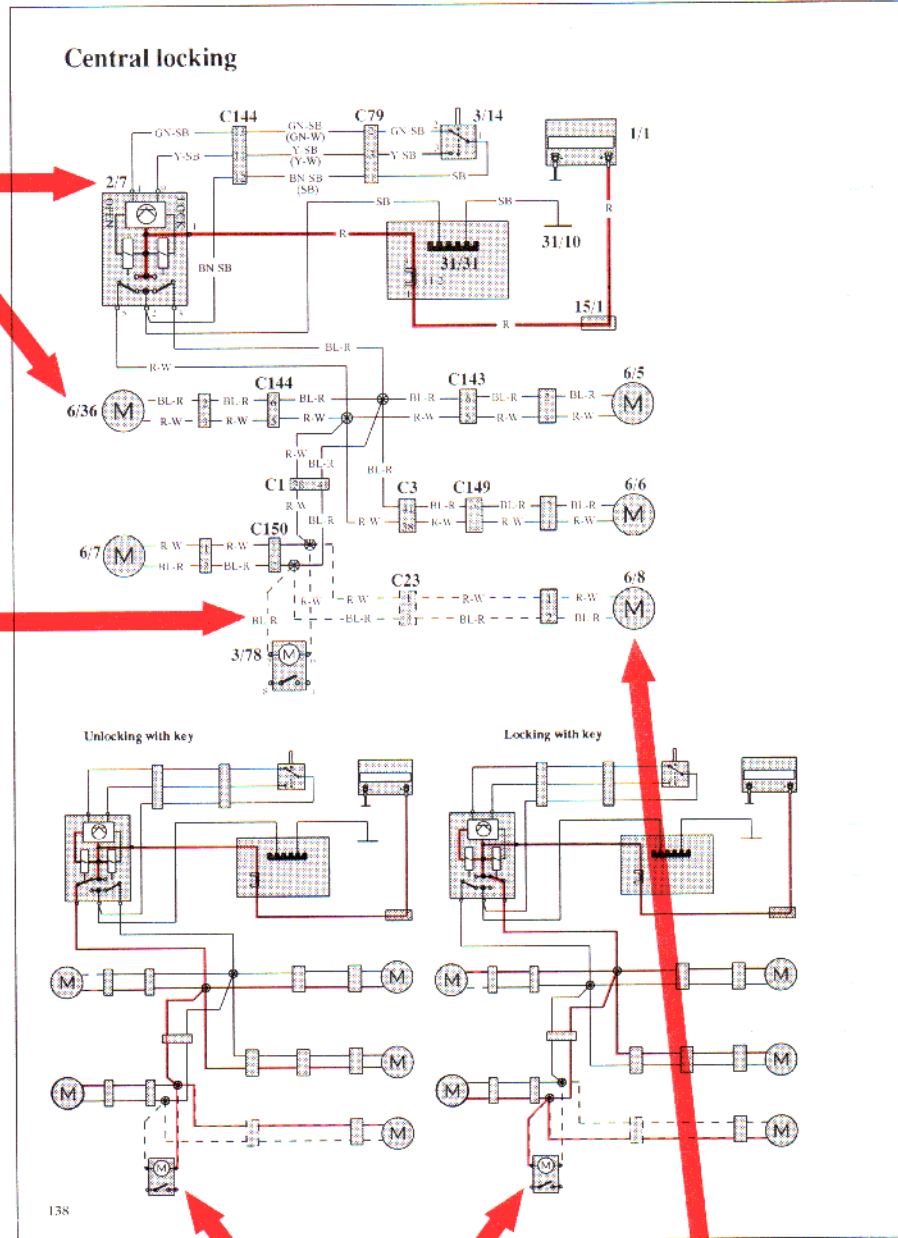
Here is a schematic presentation of how the components  
 are connected to each other and their internal  
 appearance.

Each component has a component designation.  
 At the end of the manual there is a component  
 list where you can see what each component  
 is called.

Wire colours are indicated with letters of the alphabet:

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

BL-R is thus = Blue-red.

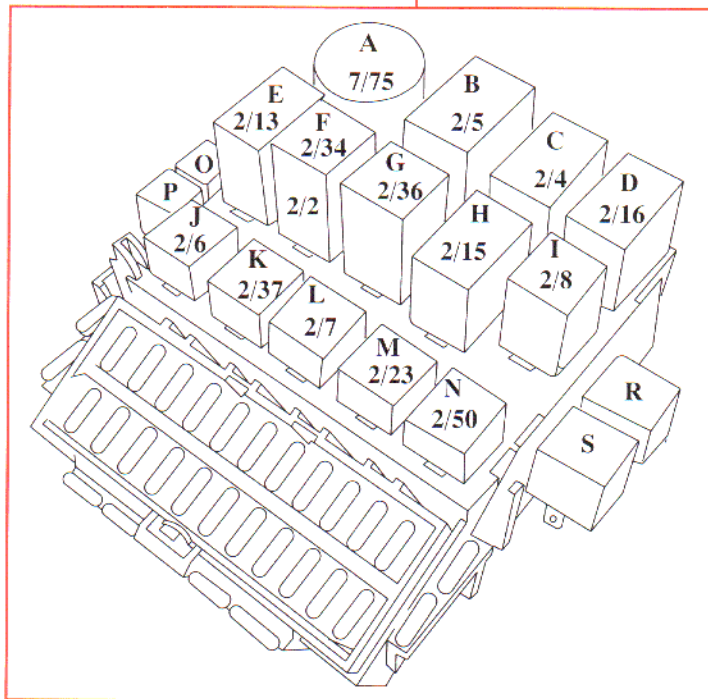
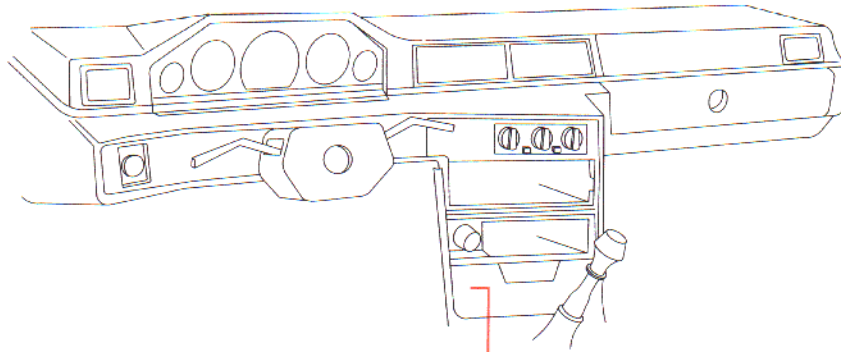


Code to colours in the wiring diagram

- = no voltage
- = system voltage
- = voltage lower than system voltage
- = ground connection
- = screened wire
- = branching point
- = intertwined wires

Here you see the voltage under operational conditions.

# Location of relays



Relays in electrical distribution unit

- |   |  |   |   |
|---|--|---|---|
| A | Bulb failure warning sensor (7/75)                           | J | Overload relay 15I (2/6)<br>(power windows/seat heater) |
| B | Seat belt reminder/key warning (2/5)<br>(USA, Canada, Korea) | K | Headlight (2/37)  |
| C | Windshield wiper intermittent relay (2/4)                    | L | Central lock (2/7)                                      |
| D | Tailgate wiper intermittent relay (2/16)                     | M | Fuel pump relay (2/23)                                  |
| E | Fuel injection (2/13)  | N | Overload relay high beam (2/50)<br>(not USA, Canada)    |
| F | Foglights, front (2/34 or 2/2 USA, Canada)                   | O | -   |
| G | Headlight flasher (2/36)                                     | P | -   |
| H | Exhaust temp. sensor (2/15) (Japan)                          | R | -   |
| I | Overdrive (2/8)  | S | -   |

## Connector at right A-post (wheel housing harness and door sill harness)

Connector C3 (pos. 1-25 in 53-pin)  
Instrument panel harness - right wheel  
housing harness

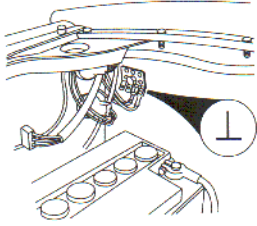
D24/D24TIC		
1	High beam, right	(R-W)
2	Low beam, right	(GN-W)
	Beam width control (Germany)	(GN-BN)
3	Turn signal, right	(BL-GN)
4	Parking light, right	(GR)
5	Washer motor, tailgate	(BL-Y)
6	-	
7	-	
8	-	
9	-	
10	-	
11	-	
12	-	
13	Front foglights	(W-SB)
14	-	
15	Headlight wiper motor	(Y)
16	Beam width control (Germany)	(GR)
17	Headlight wiper motor	(BL-R)
	Washer motor	
18	-	
19	-	
20	-	
21	-	
22	-	
23	-	
24	Washer fluid level sensor	(BL-W)
25	-	

Connector C3 (pos. 26-53 in 53-pin)  
Instrument panel harness - door sill harness

26	-	
27	-	
28	-	
29	Door-open warning light, right rear	(GN-R)
30	Door switch, front and rear doors	(BL-SB)
31	Door switch, front door	(W-SB)
32	Side turn signal repeater	(BL-GN)
33	-	
34	-	
35	Loudspeaker, right rear door +	(Y-W)
36	Loudspeaker, right rear door -	(W)
37	-	
38	Central locking, rear door	(R-W)
39	-	
40	-	
41	Central locking, rear door	(BL-R)
42	-	
43	-	
44	-	
45	-	
46	-	
47	-	
48	-	
49	-	
50	Power window lift motor, rear door	(GN)
51	Power window lift motor, rear door	(GR)
52	-	
53	Power window lift motor, rear door ON/OFF	(P)

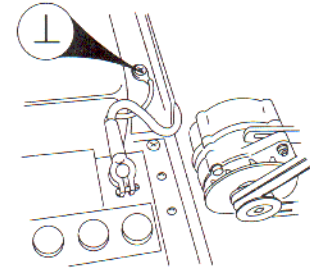
# Ground connections

31/1



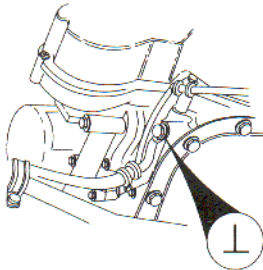
Right front light  
 Right turn signal, front  
 Right parking light, front  
 (Washer motors)  
 (Washer fluid level sensor)  
 Heated oxygen sensor (HO2S) pre-heating  
 (Relay, radio interference suppression)  
 Right headlight wiper motor  
 (Hydraulic unit, ABS)  
 Right front fog light  
 Right beam width control  
 (Low-speed pressure sensor, engine cooling fan)  
 (High-speed pressure sensor, engine cooling fan)

31/3

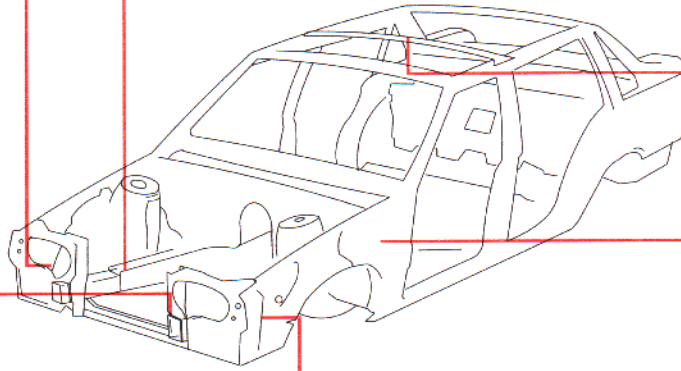


Ground connection  
 battery-body

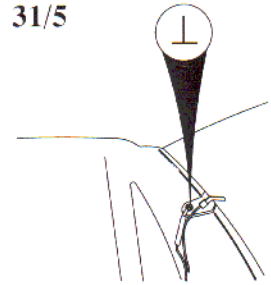
31/4



Ground connection  
 battery-engine

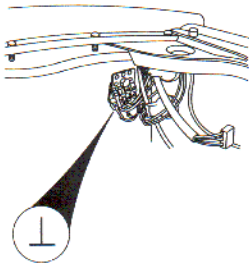


31/5



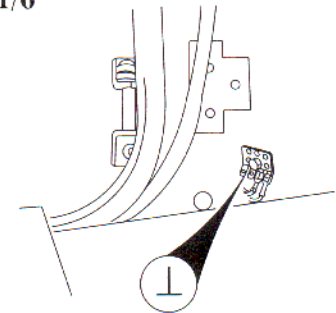
Heated rear window

31/2



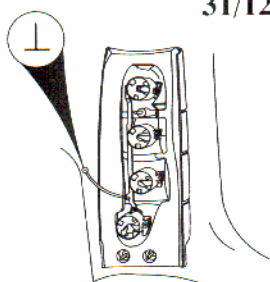
Left front light  
 Left turn signal, front  
 Left parking light, front  
 Headlight wiper motor, left  
 (Relay, radio interference suppression)  
 (Wiper motors)  
 (Washer fluid level sensor)  
 Left turn signal side repeater  
 Brake fluid level sensor  
 (Hydraulic unit, ABS)  
 Left front fog light  
 Relay, glow plug mechanism  
 Left beam width control  
 OBD data link connector  
 (Low-speed pressure sensor, engine cooling fan)  
 (High-speed pressure sensor, engine cooling fan)

31/6

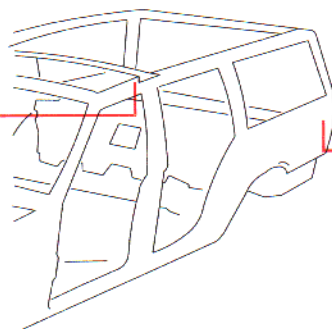


Control module, ABS  
 Speedometer  
 Control module, cruise control

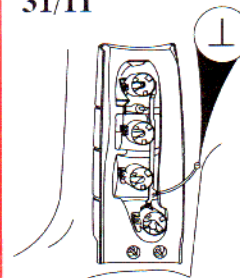
31/12



Right tail light

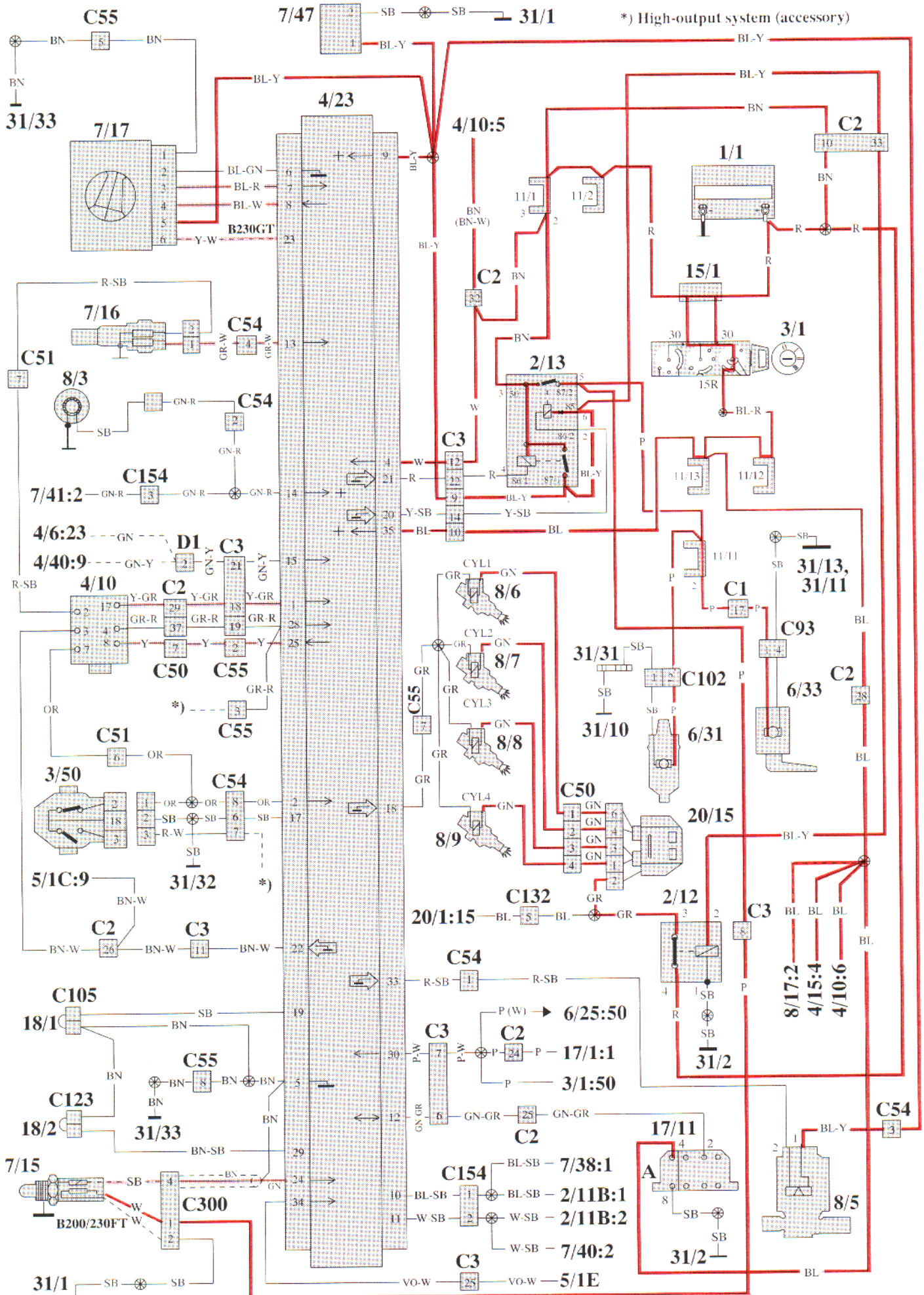


31/11

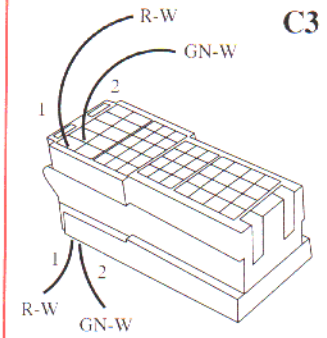
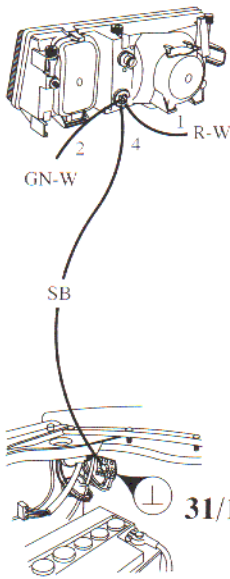


Left tail light  
 Extra brake light  
 Power antenna  
 Tailgate wiper motor  
 Trunk lighting  
 Number plate lighting  
 Fuel primer pump (LH-2.4) (MFI)  
 Fuel pump (Regina) (MFI)  
 Interior lighting  
 Reading lights  
 Towing hook  
 CD-autochanger

# LH-jetronic 2.4 multiport fuel injection system (MFI) (B 200 FT, B 230 FT/GT)



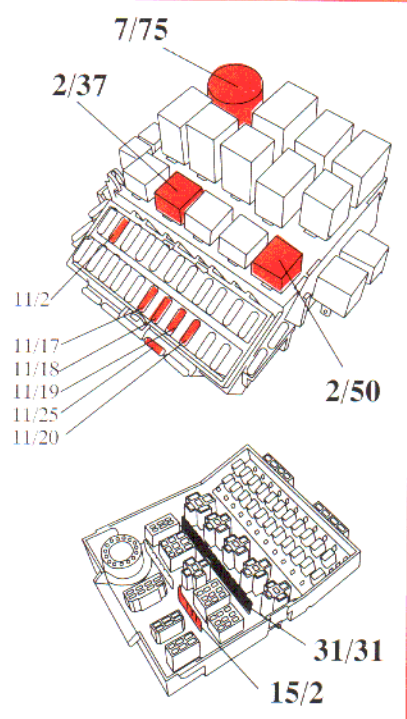
10/64, 10/65, 10/66



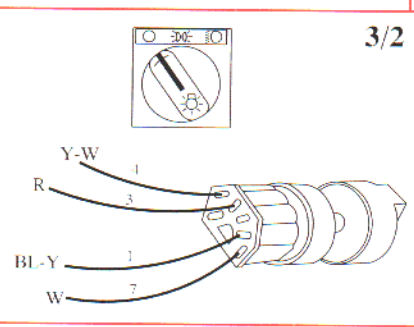
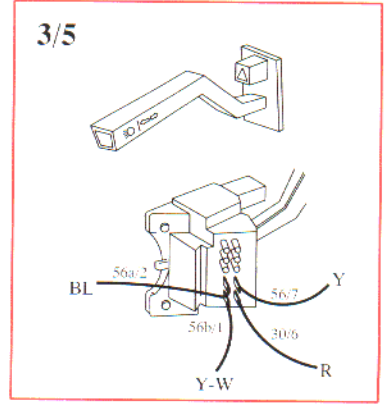
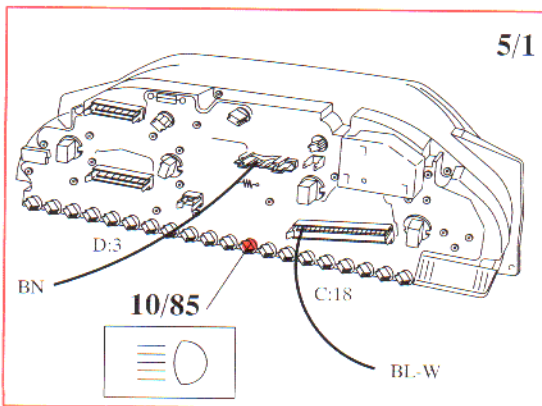
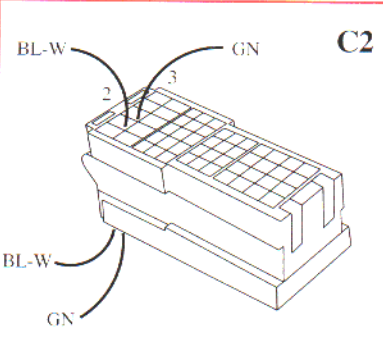
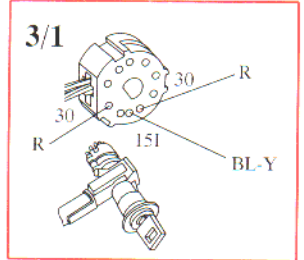
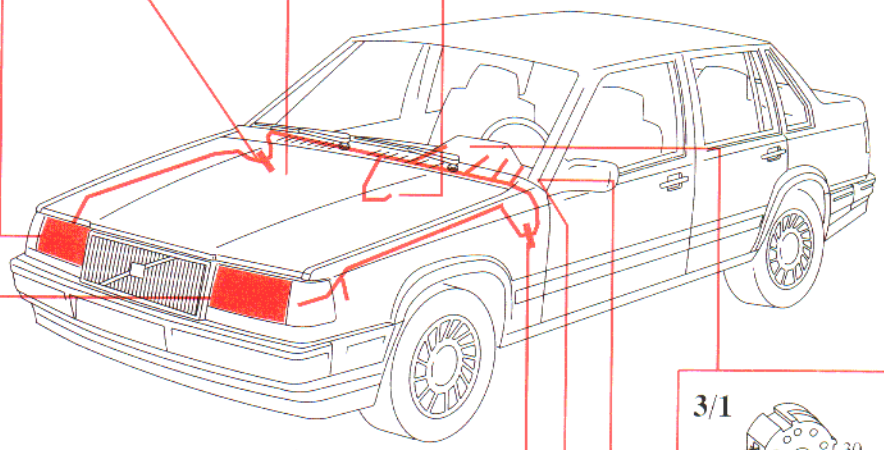
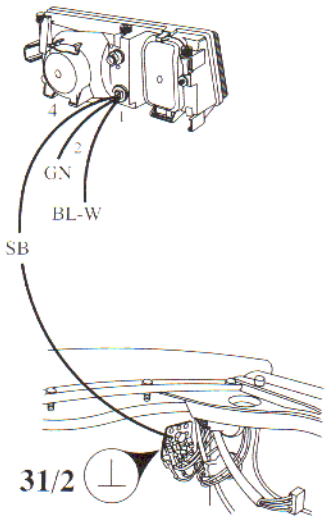
**7/75**  
56BL/2 GN  
56B/6 Y-W  
56BR/7 GN-W

**2/37**  
30/1 R  
86/2 Y-W  
87/3 W  
85/4 SB  
87b/5 Y

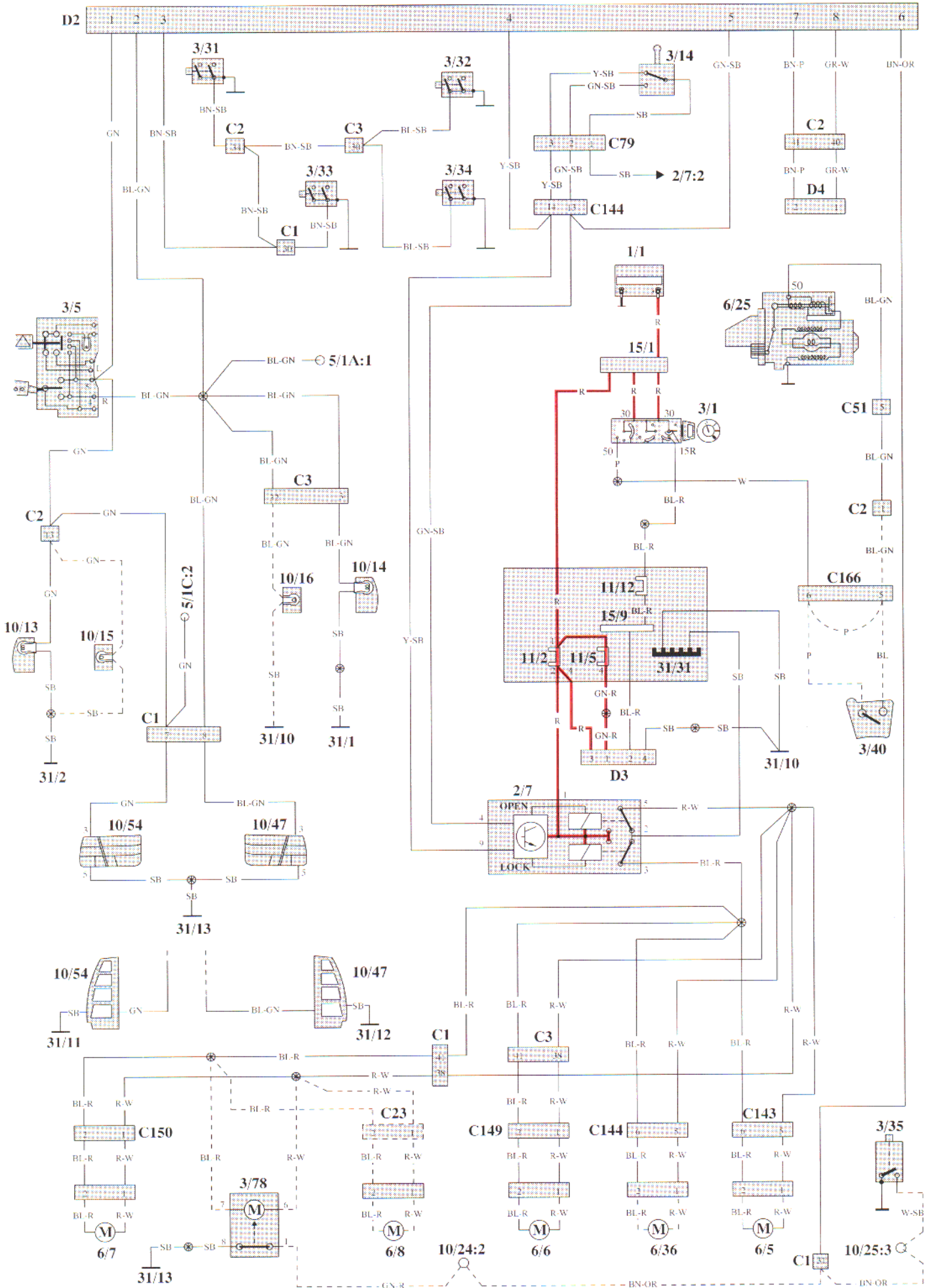
**2/50**  
30/1 R  
86/2 BL  
87/3 BL-W  
85/4 SB



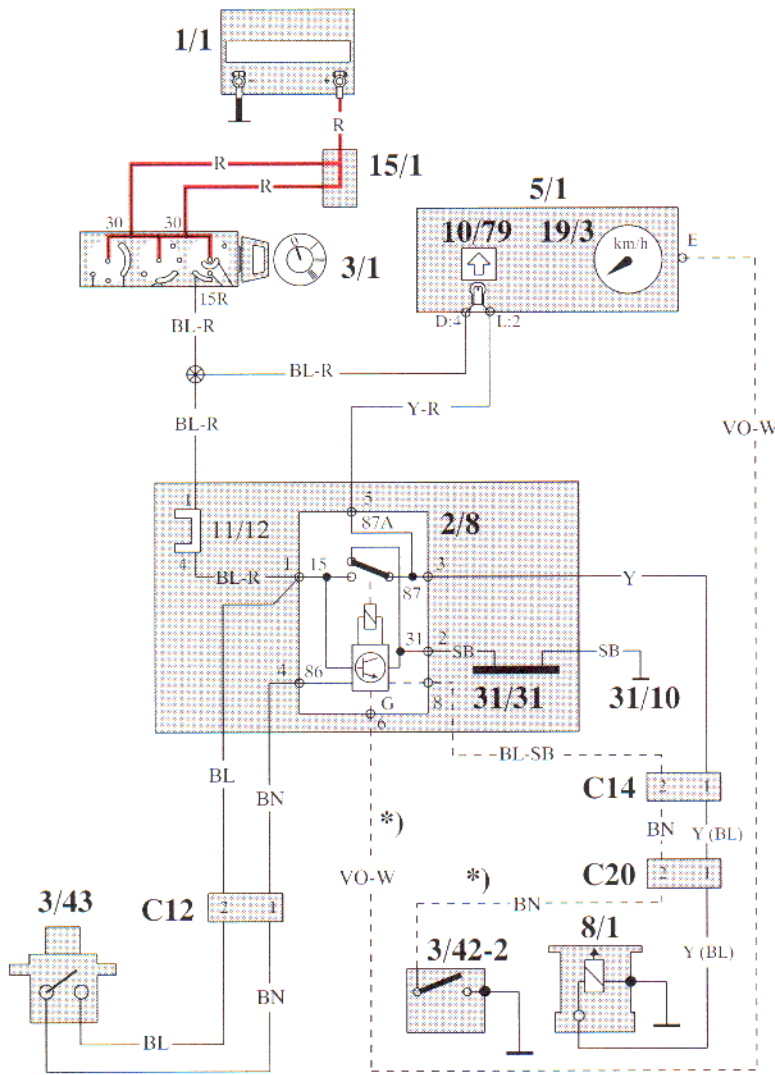
10/68, 10/69, 10/70



# Pre-routed wiring for anti-theft alarm



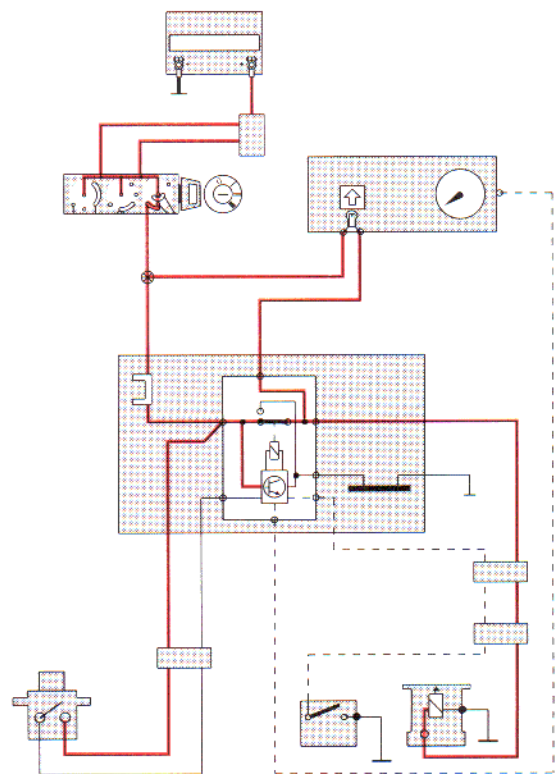
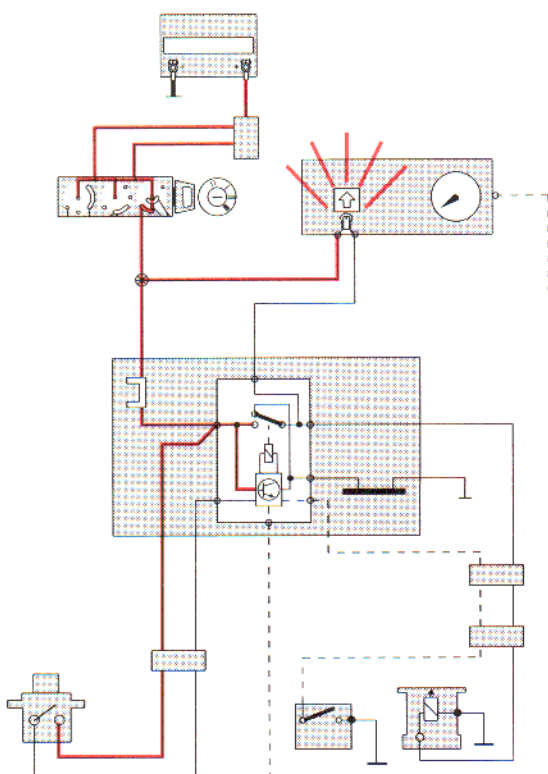
# AW 70/71/72 Overdrive with kickdown inhibitor AW 71/72



\* AW 71/72 certain markets

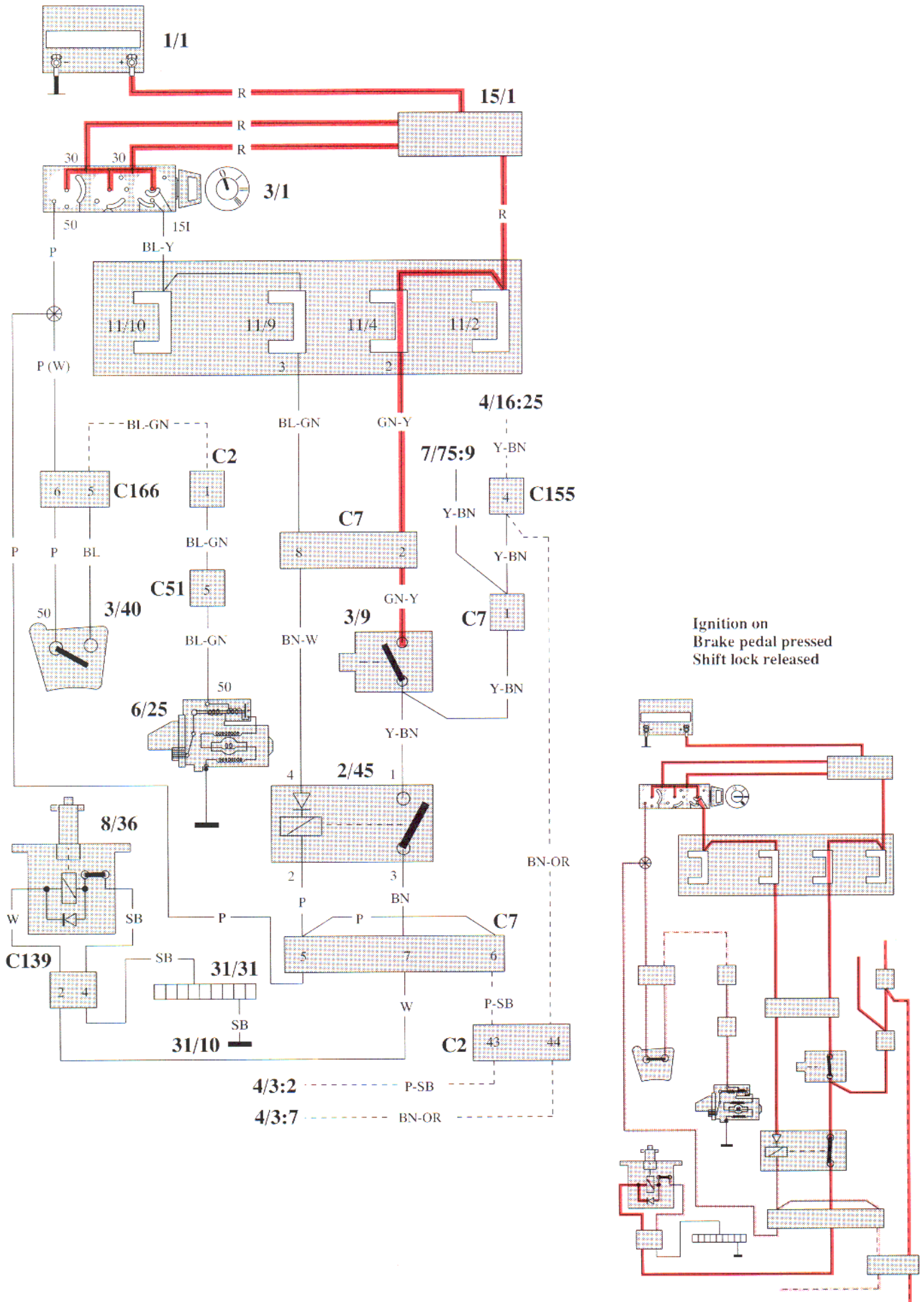
Overdrive disengaged  
Indicator lamp ON

Overdrive engaged  
Indicator lamp OFF

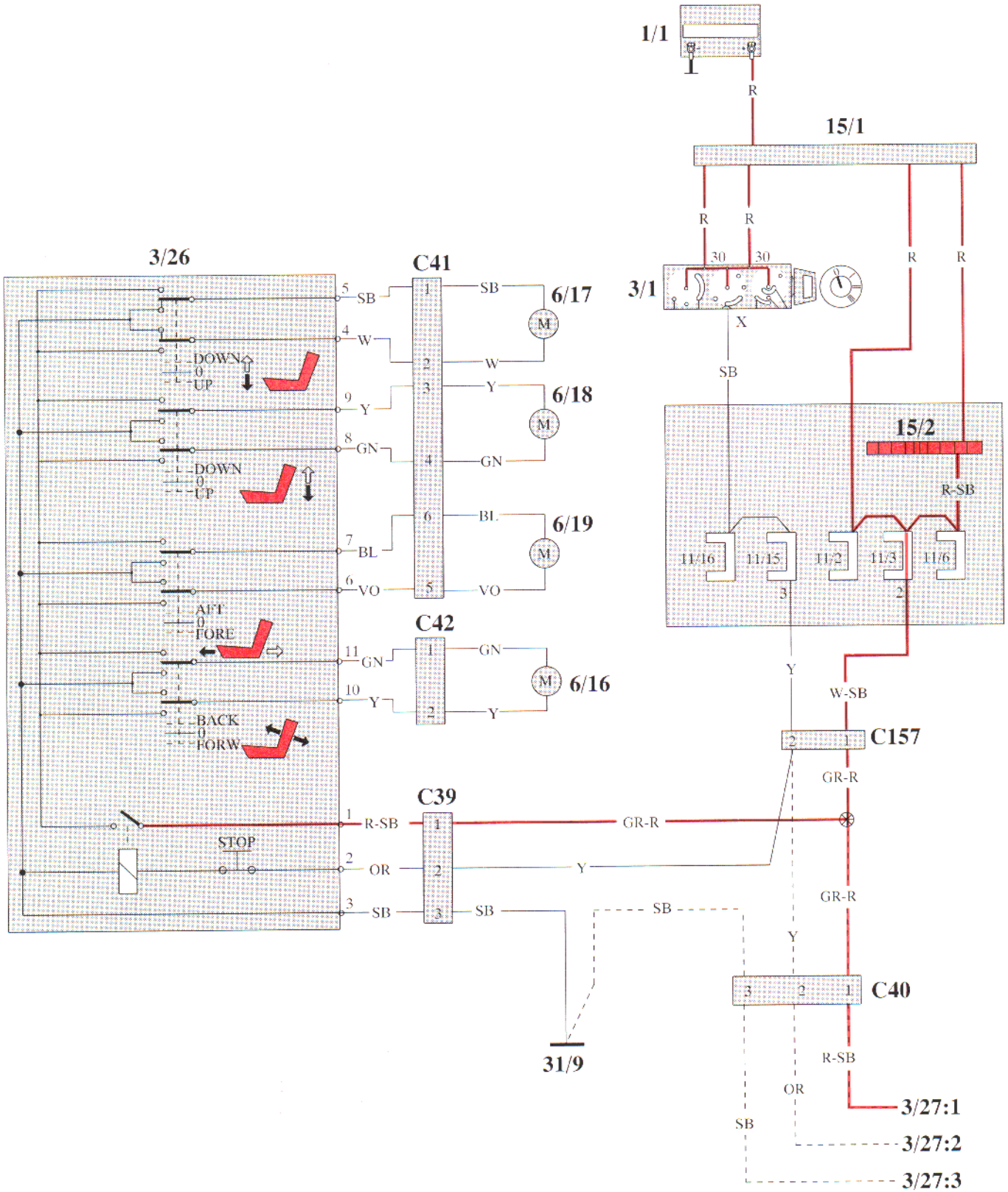




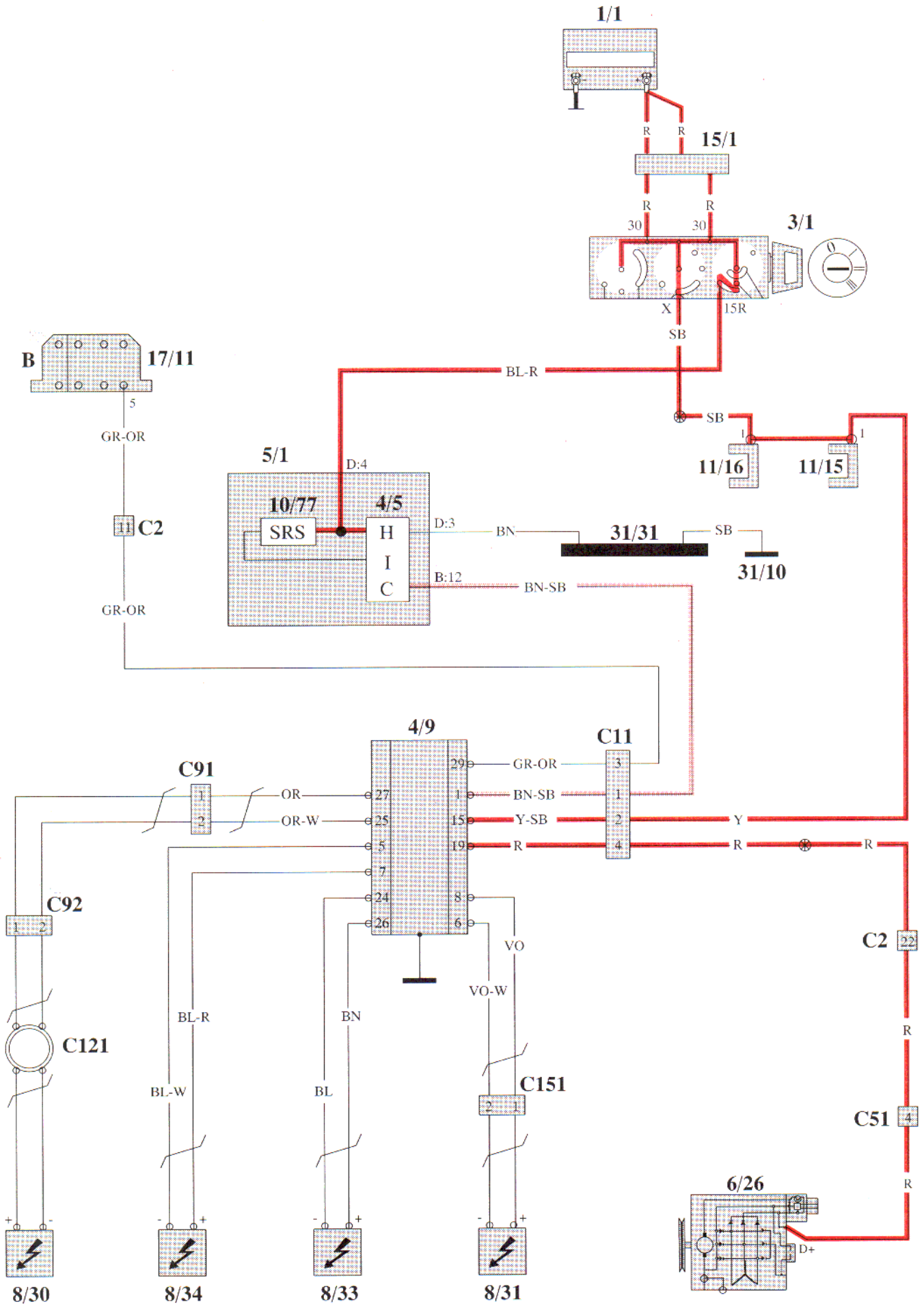
# P-shift lock, automatic transmission



# Power seat



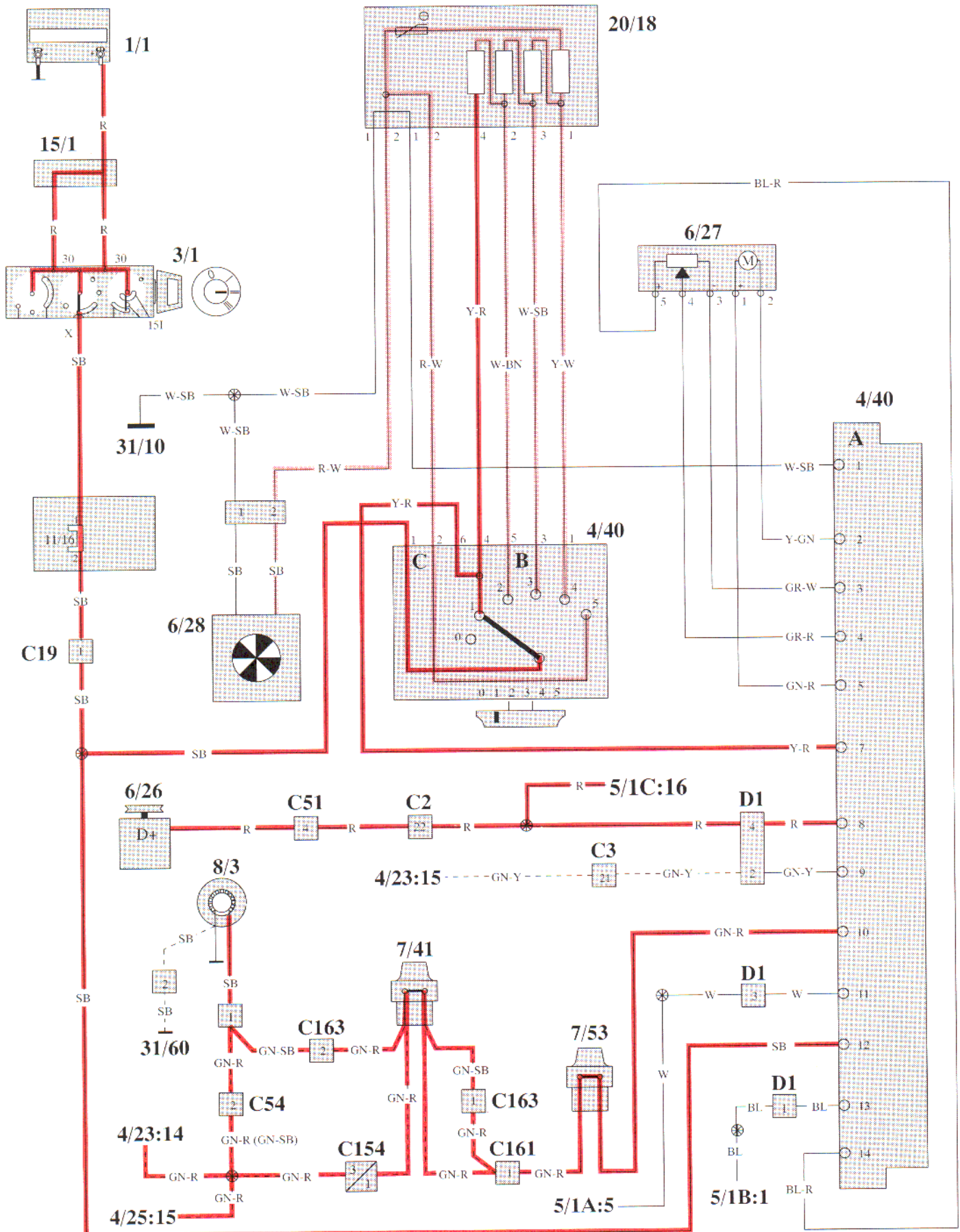
# SRS Supplemental Restraint System (airbag) USA, Canada



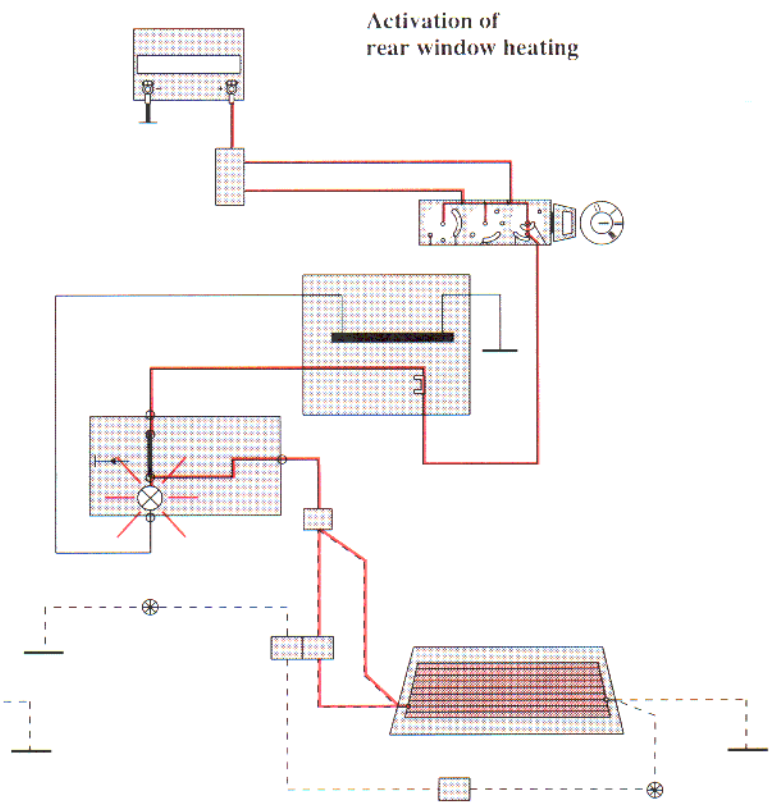
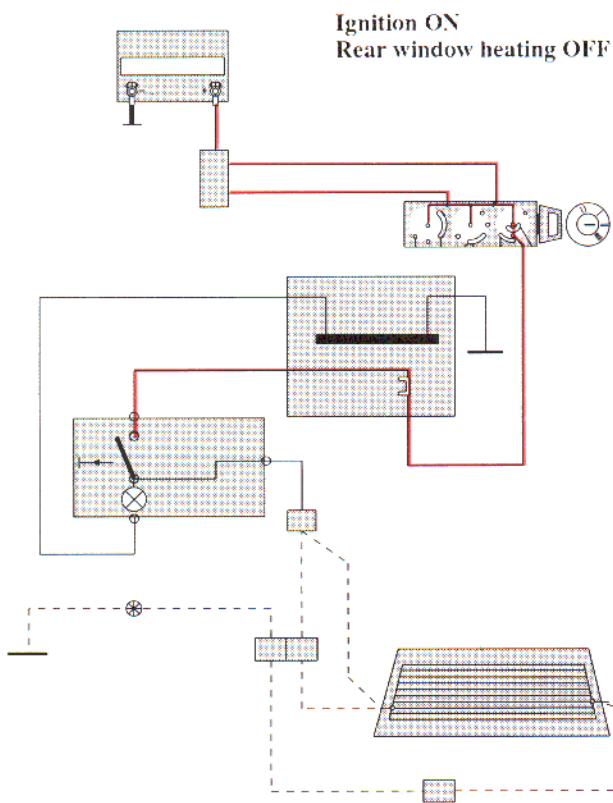
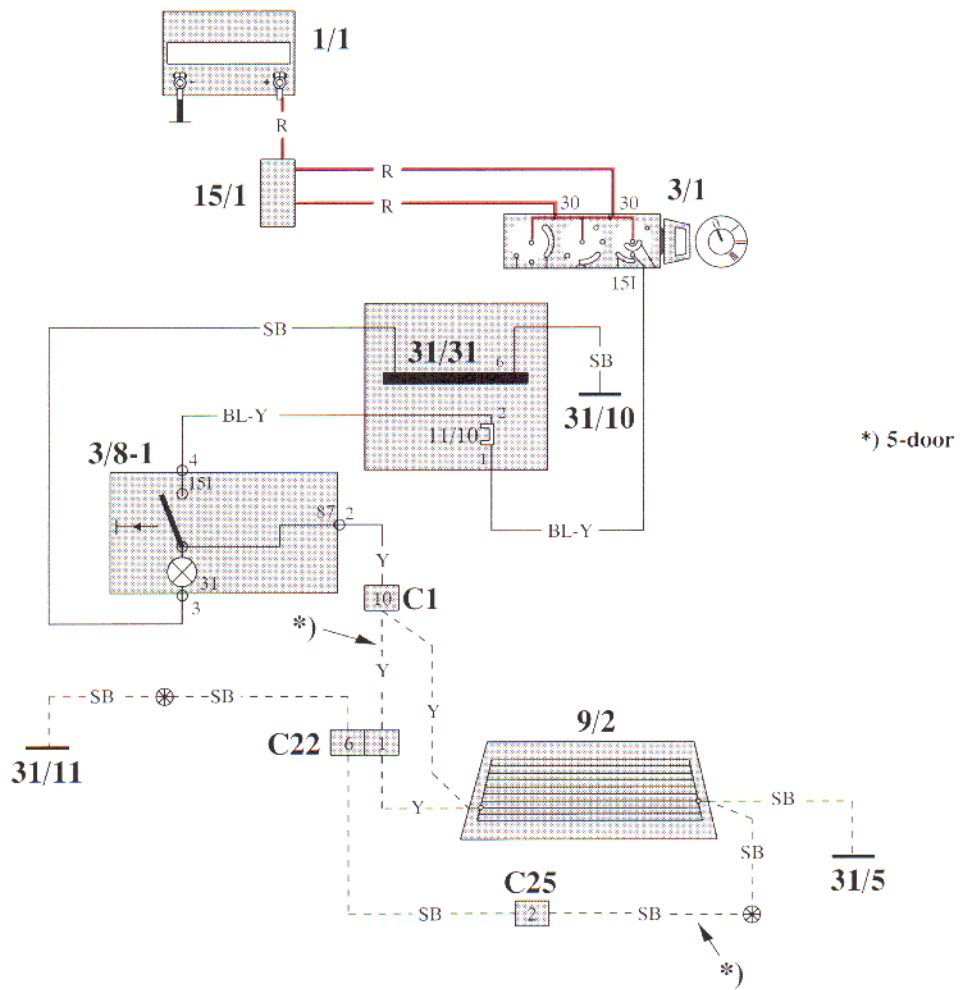
# Manual Climate Control (MCC)

One precondition for the climate unit to work is that the fan must be ON, at any speed (signal from 4/40B:6 to 4/40A:7).

Fan at speed 1. Climate unit ON.



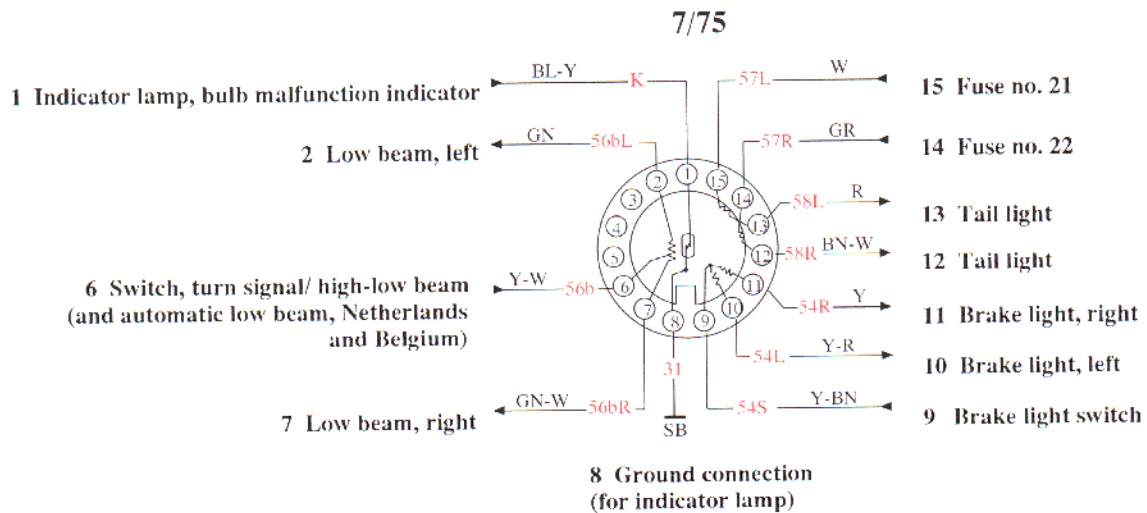
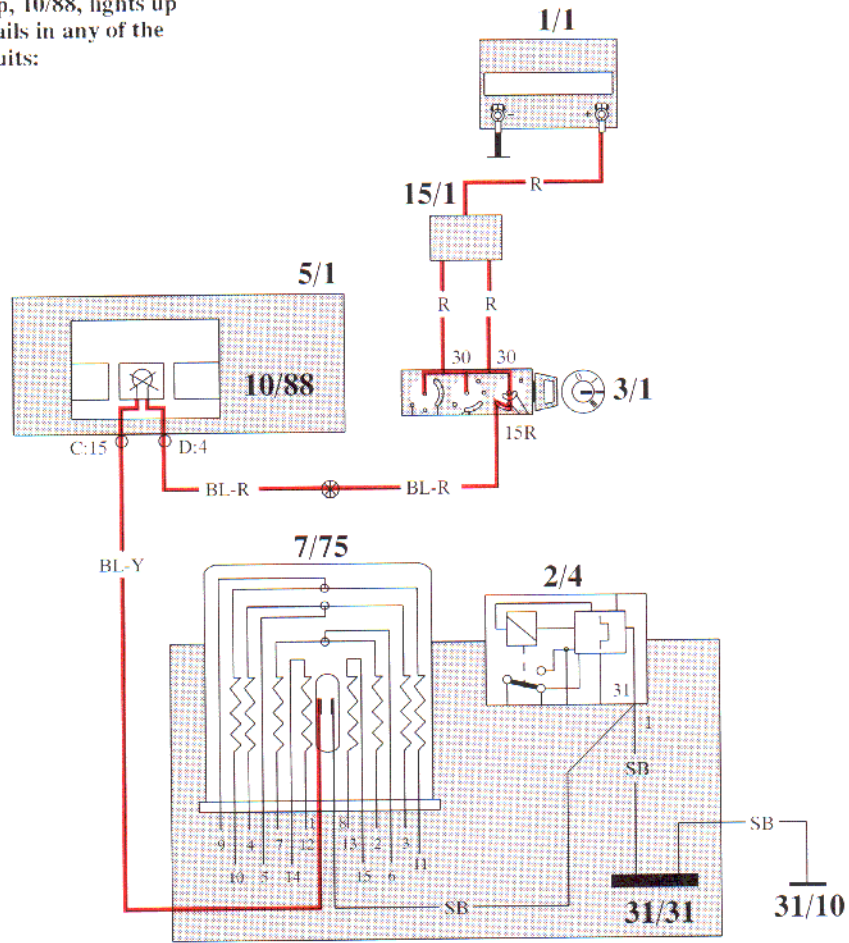
# Heated rear window



# Bulb malfunction indicator

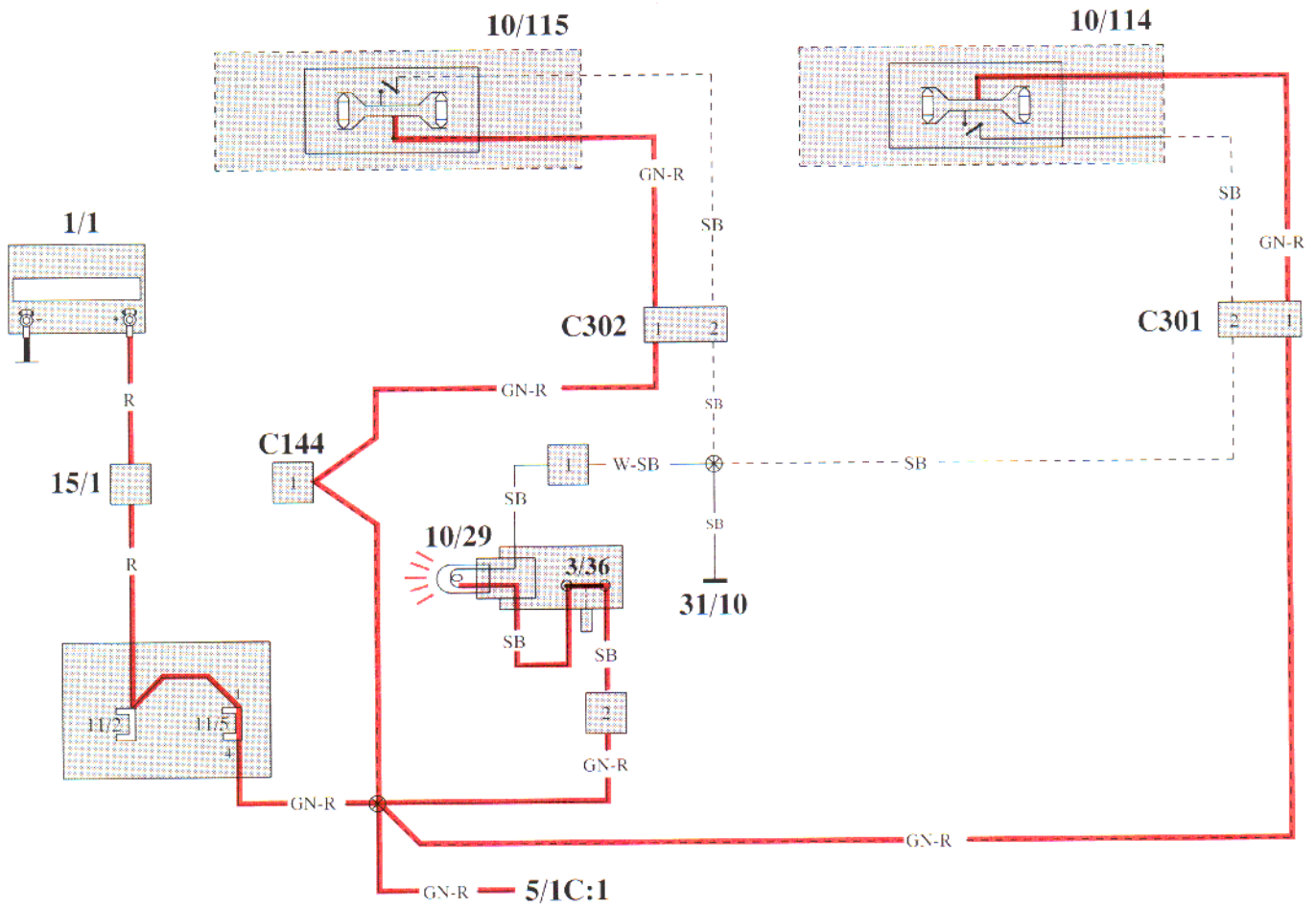
Indicator lamp, 10/88, lights up when a bulb fails in any of the following circuits:

- Brake light
- Low beam
- Tail light



# Glove compartment and vanity mirror lighting

Glove compartment open



Vanity mirror light on

