

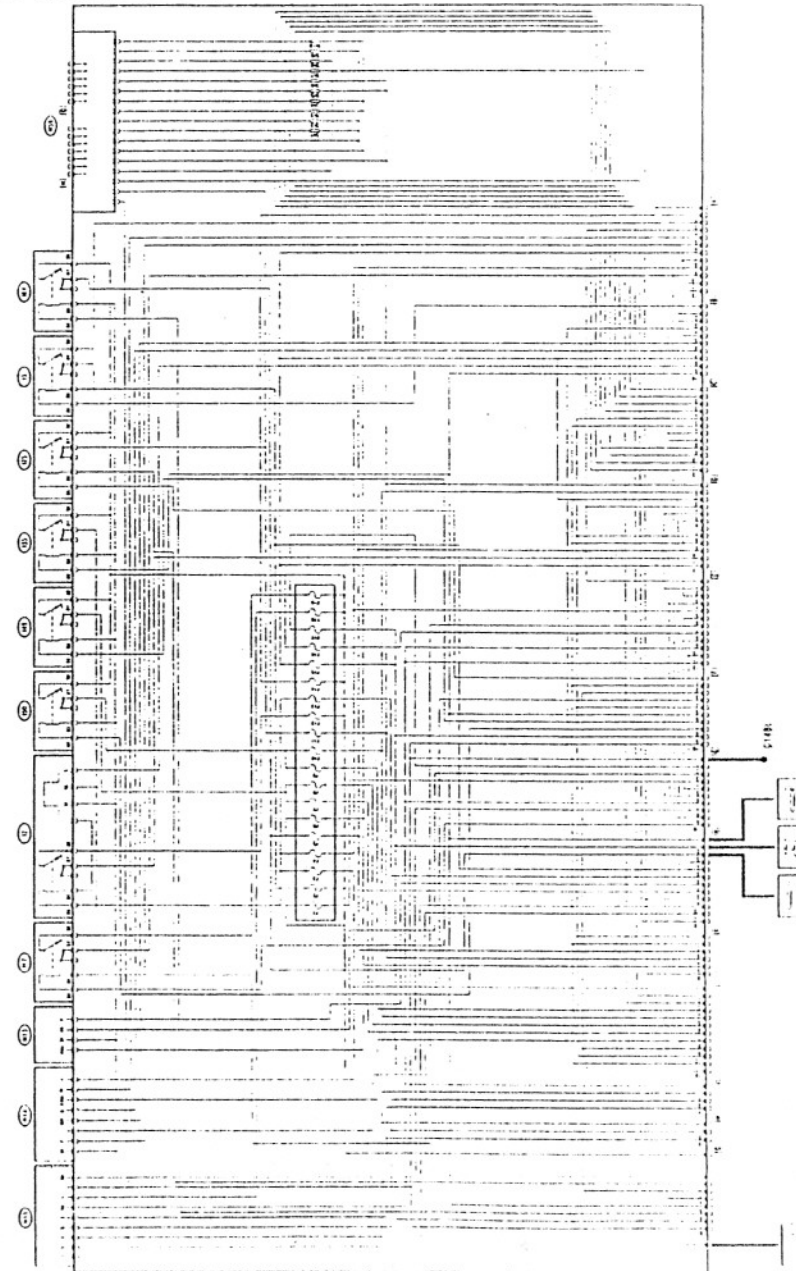
FUSEBOX

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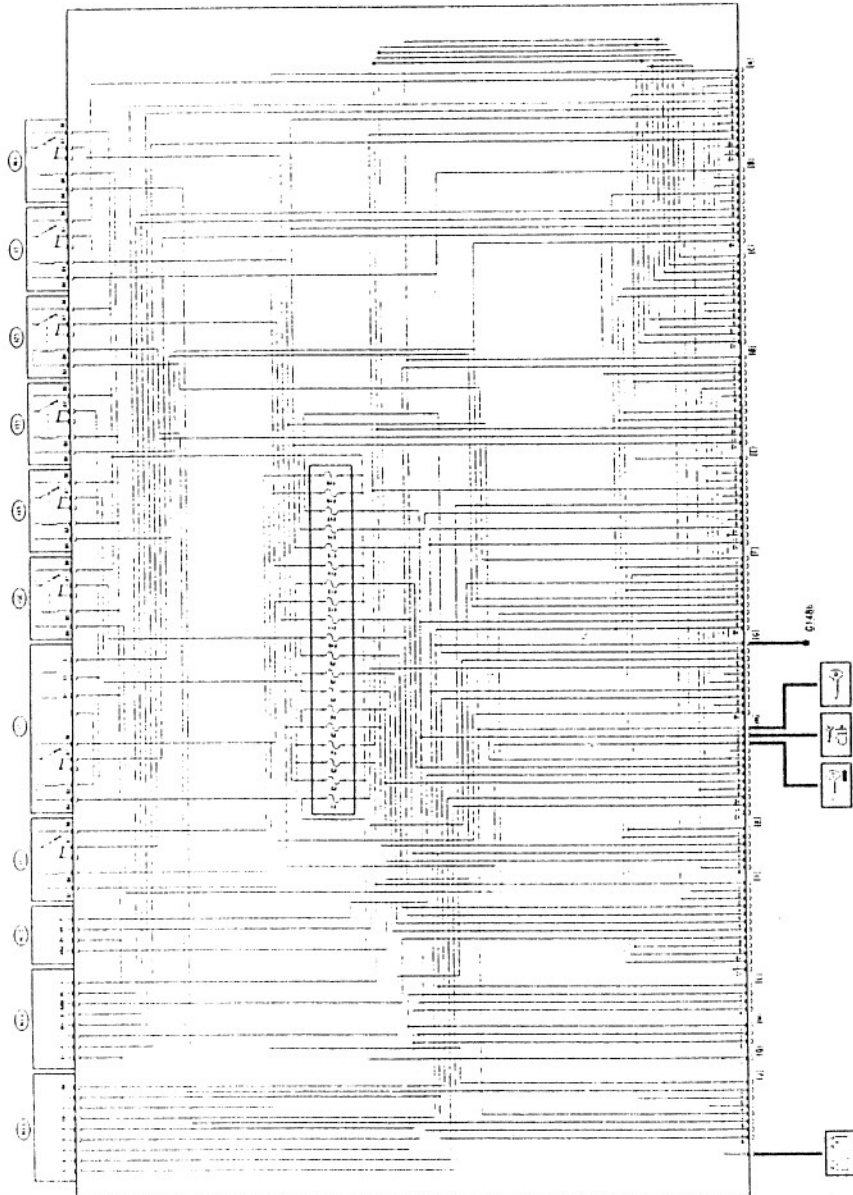
WIRING DIAGRAM

Models with Check Panel



WIRING DIAGRAM

Models without Check Panel



GENERAL DESCRIPTION

Internal lay-out

This section describes the printed circuit connecting the inner parts of the fusebox G1.

N.B. Two distinct wiring diagrams are given, one for the models equipped with the Check Panel and the other for those without Check Panel.

In the various diagrams relative to the single systems and circuits only the lines relevant to the case under examination

are shown: this chart on the other hand gives an overall view of the entire fusebox G1.

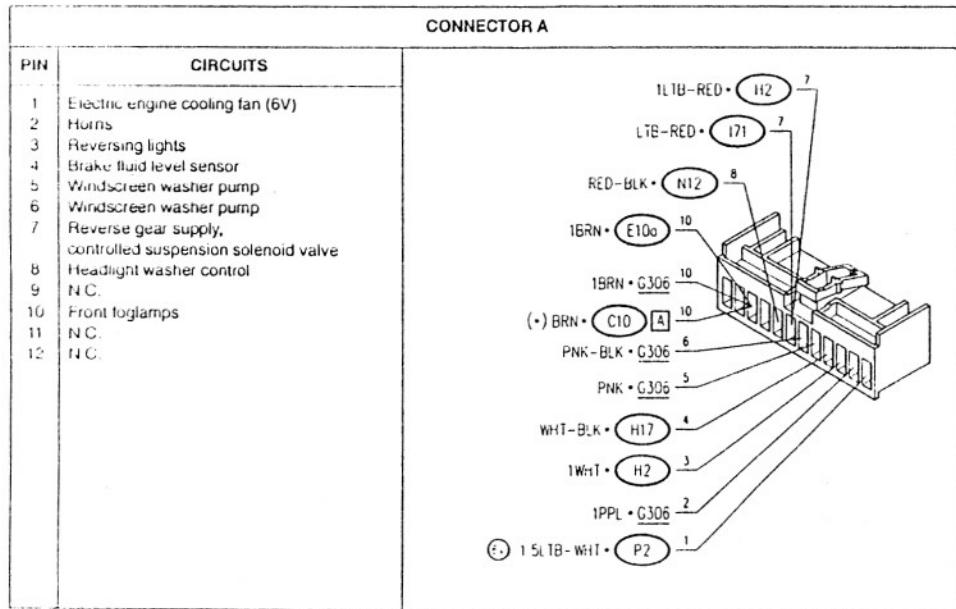
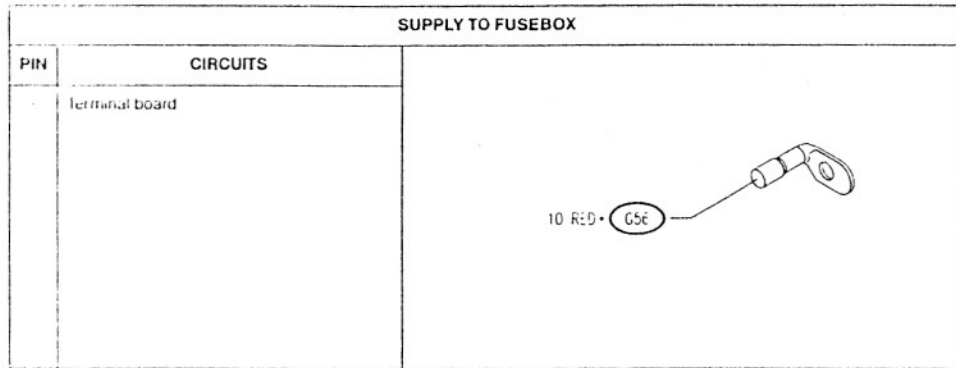
Numerous relays and other devices are housed in the fusebox indicated here with their relative codes, as are fuses (F1,..... F19).

The Check Panel control unit N59 is installed on the fuse box on models equipped with the Check Panel. On some lines connected to this, shunts have been installed (indicated by SH).

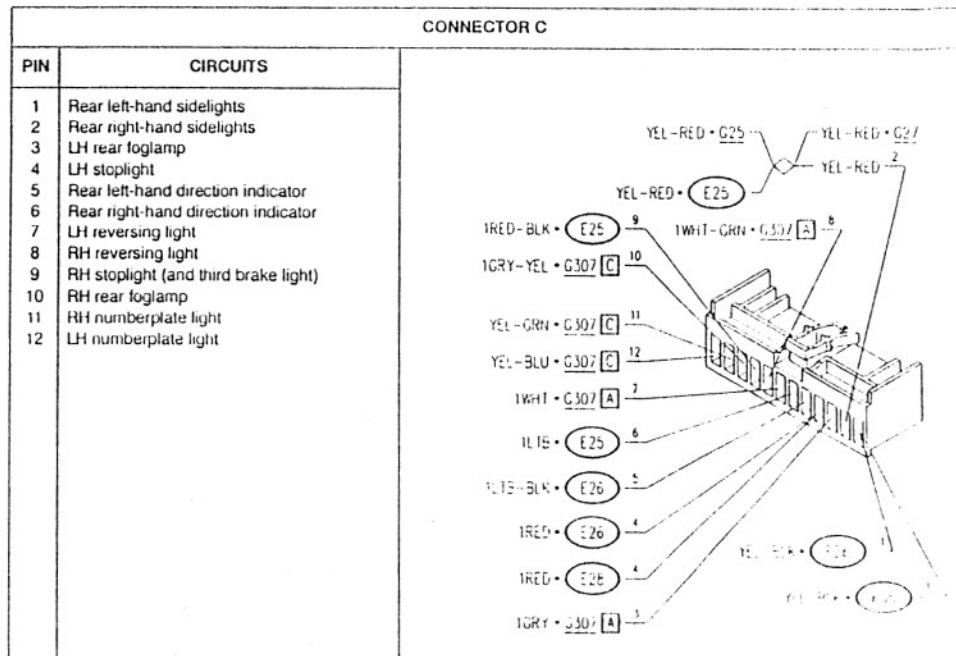
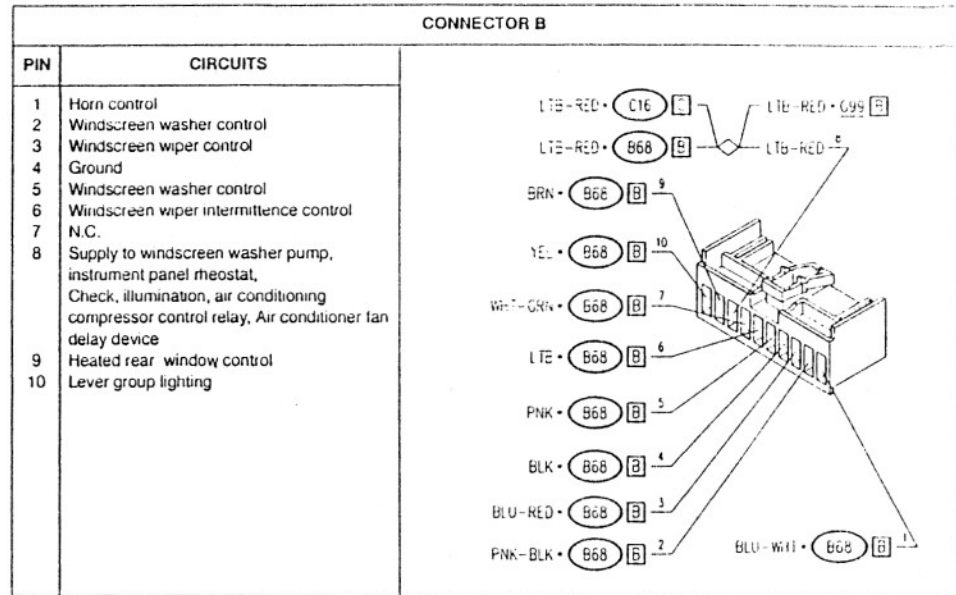
NOTE: not all the pins in output from the fusebox G1 are connected for all vehicle models: some lines therefore may be found to be redundant although they will be present on the printed circuit.

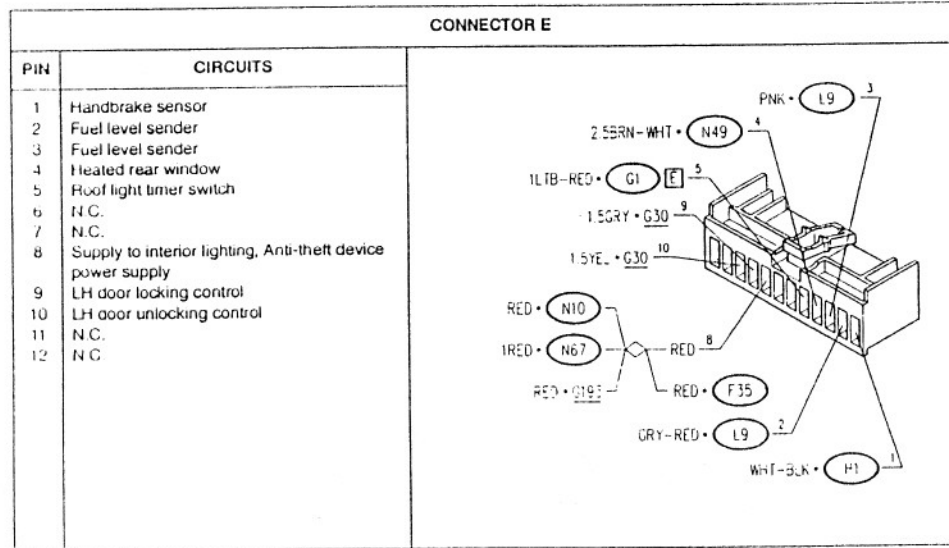
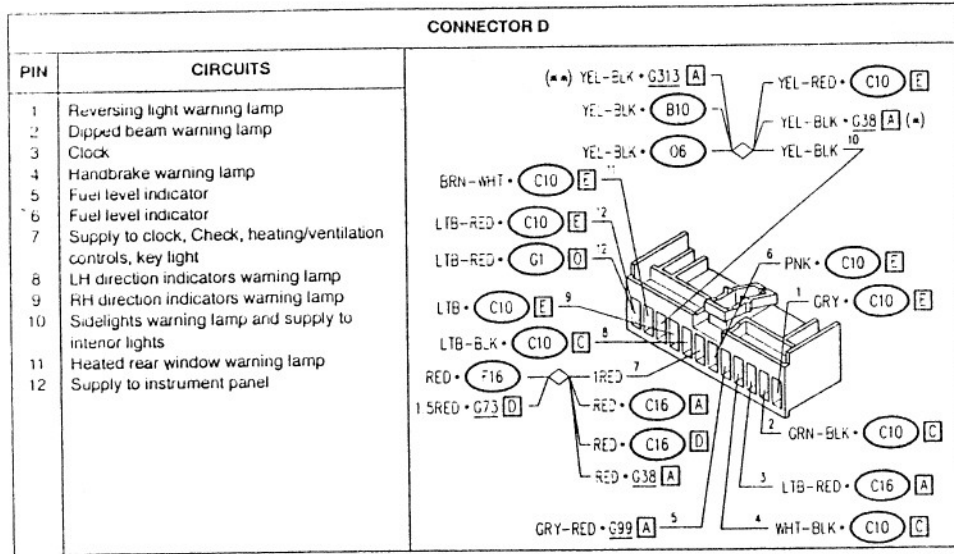
Alongside the schematic diagram of the connectors a list of output signals from the various pins is given. This makes the job of identifying faults easier to accomplish.

NOTE: the letters N.C indicate pins connected inside the fusebox but not used for the present versions of the vehicle.

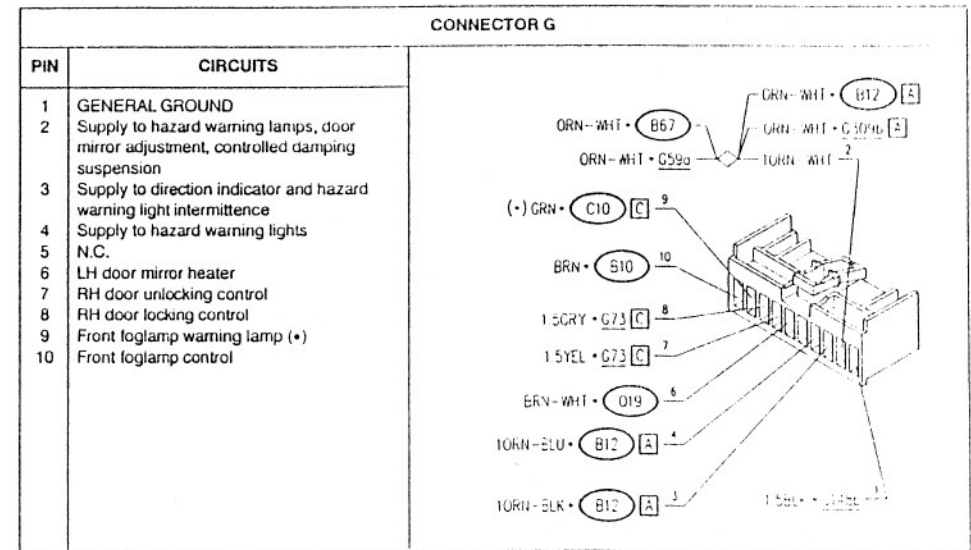
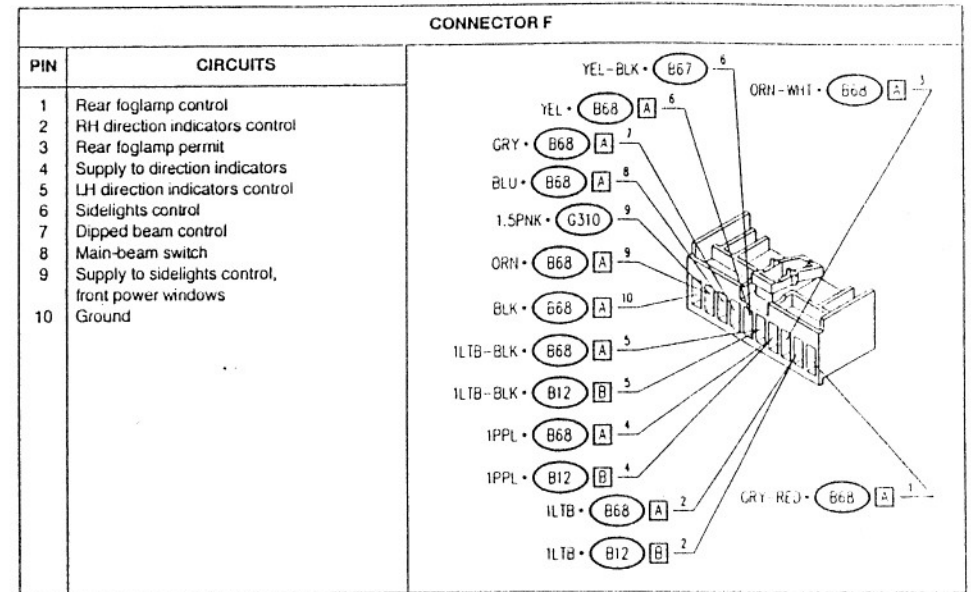


(*) For panel B only

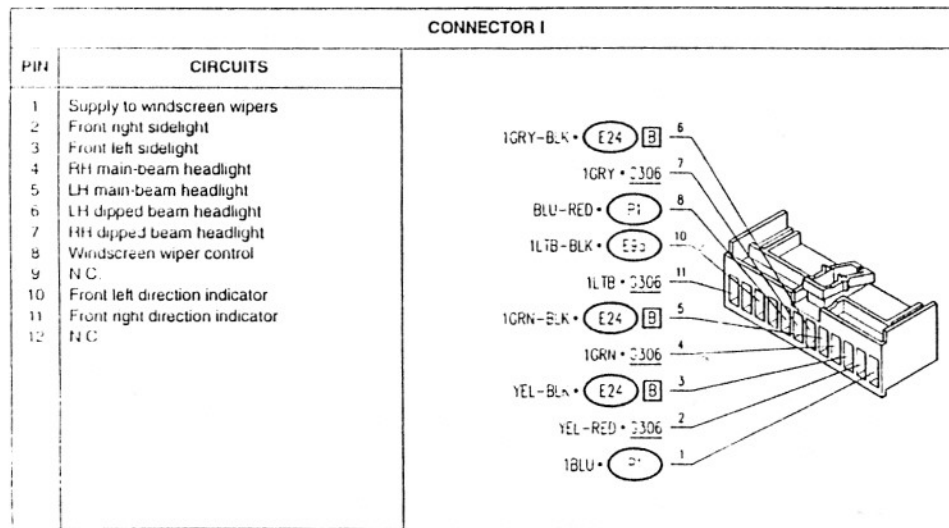
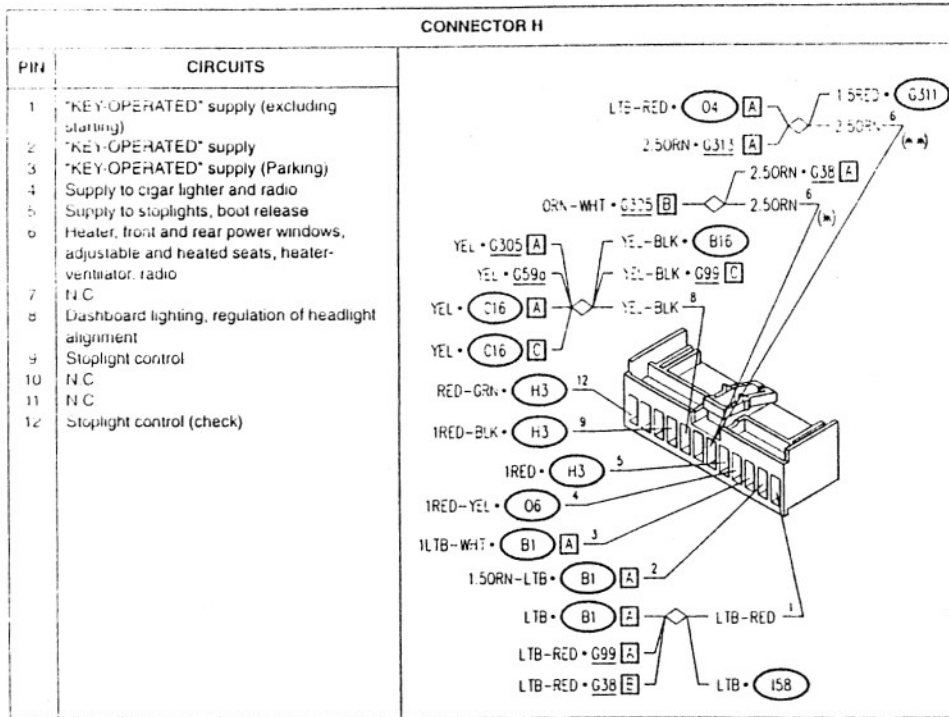




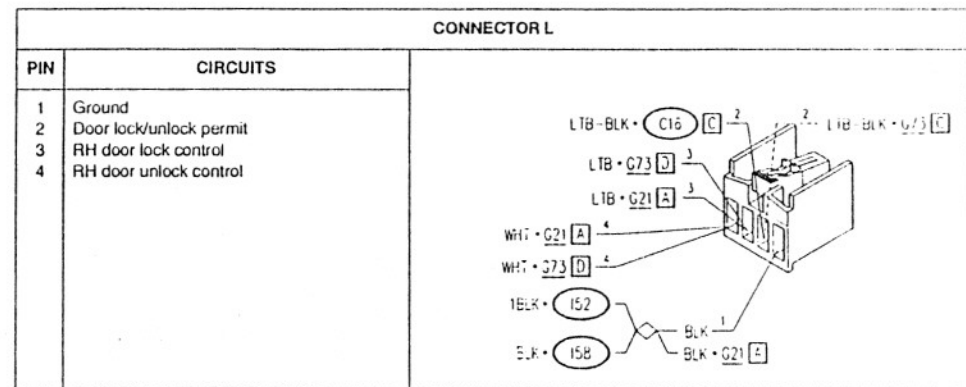
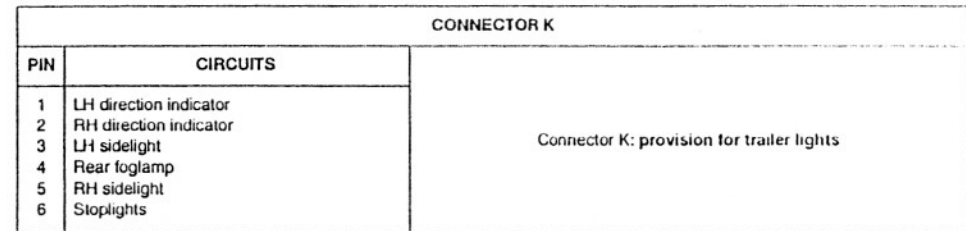
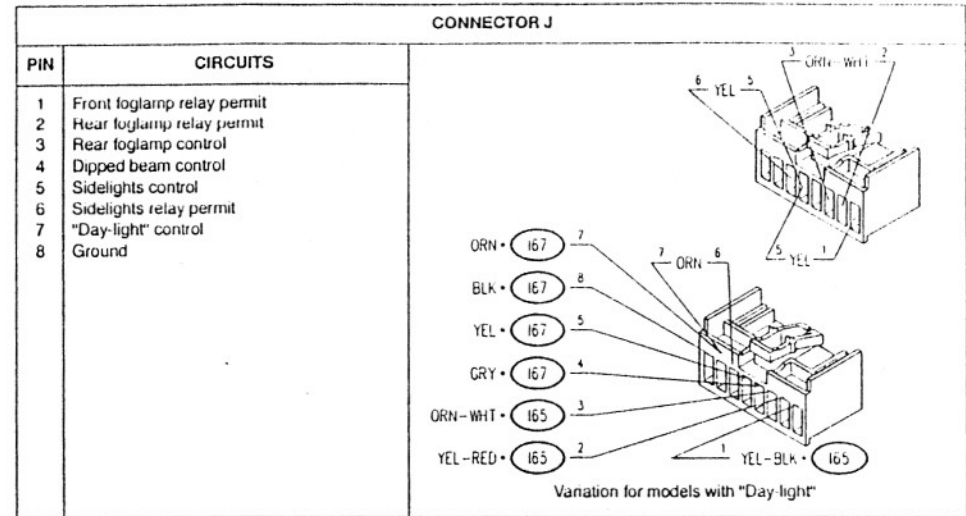
(*) manual heater
 (**) manual conditioner

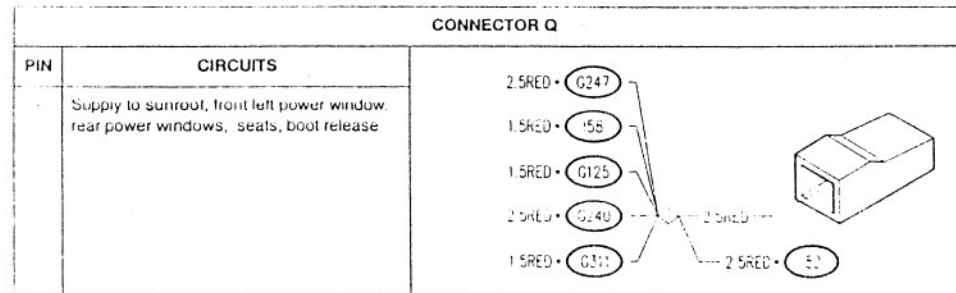
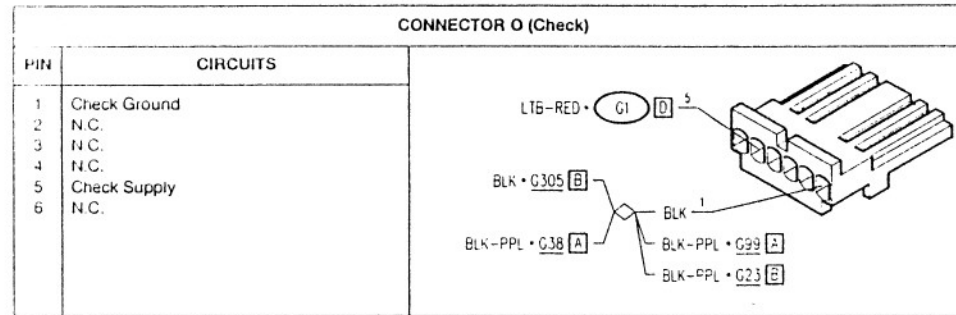
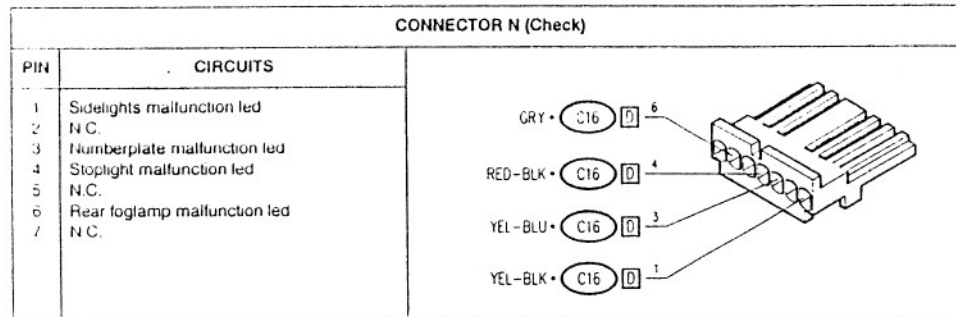
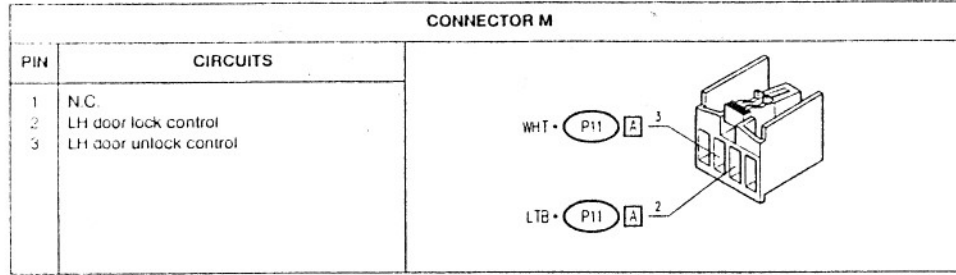


(*) For panel A or B only



(*) automatic conditioner
 (**) manual conditioner





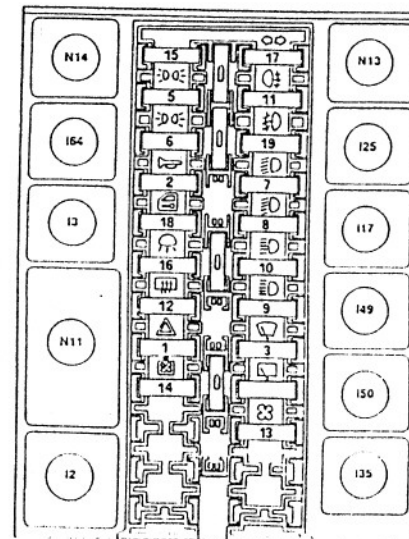
The list of fuses contained in fusebox G1 is also given along with the relative amps and indications regarding the circuits protected.

N. FUSIBILE	AMPERAGGIO	CIRCUITS PROTETTI
1	10A	Hazard warning lights
2	20A	Horns, Cigar lighters, Stoplights, Boot release, Radio,
3	20A	Windscreen wipers
4	20A	Roof light timer
5	10A	Control lighting, Rear left and front right sidelights, RH numberplate light
6	10A	Control lighting, Rear right and front left sidelights, LH numberplate light
7	10A	RH dipped beam headlight
8	10A	LH dipped beam headlight
9	10A	RH main-beam headlight
10	10A	LH main-beam headlight (+ warning lamp)
11	7.5A	Rear foglamp (+ warning lamp)
12	30A	Heated rear window (+ warning lamp), Door mirror defrosters
13	20A	Heating/air conditioning fan, Seat warming, Rear and front power windows, Radio
14	20A	Engine cooling fan (6V)
15	10A	Dashboard, Check Panel, Windscreen washers, Headlight washers, Reversing lights, Controlled damping suspension solenoid valves, Air conditioning compressor control, Engine electric fan control
16(*)	7.5A	Interior lights, Clock, Air conditioning control unit
17	7.5A	Direction indicators, Door mirror adjustment, Controlled damping suspension
18(*)	20A	Door locks
19	20A	Front foglamps (+ warning lamp)

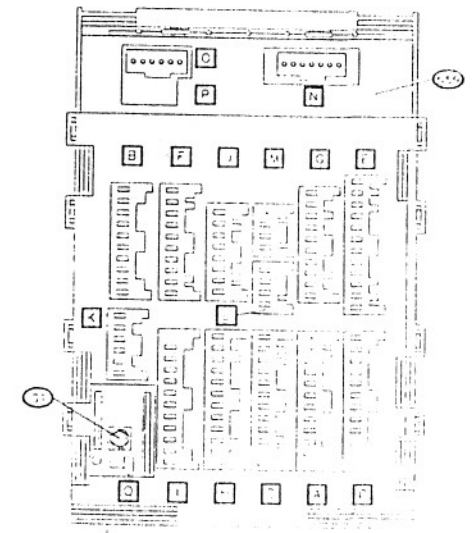
(*) Fuse to insert in vehicle during pre-consignment phase.

Two schematic diagrams are given below illustrating the location of the fuses, relays and the position of the connectors:

LOCATION OF FUSES AND RELAYS



REAR VIEW, CONNECTORS SIDE



FUSES AND RELAYS ON AUXILIARY BRACKET

A series of fuses and relays is located on an auxiliary bracket (not removable) located on the left-hand side of the main fusebox.

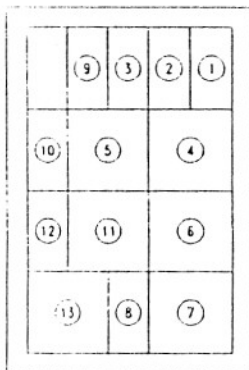
VEHICLES UP TO CHASSIS N.30.732

The fuses and relays can be distinguished by the colour of the connectors (fuse or relay holders) which connects them to the wiring, as shown in the table below.

COMPONENTS	CODE	COLOUR
Boot lid opening relay (with 30 A fuse)	I52	RED
Sunroof relay (with 30 A fuse)	I58	WHITE
Controlled damping suspension relay (with 20 A fuse)	I71	BROWN
Engine cooling fan relay	I1	GREEN
Timer for headlight washer	N12	BLACK
Fuse for headlight washer (20A)	G312	BLACK
Fuse for front seats (30A)	G240	GREEN
Fuse for rear power windows (25A)	G247	BLUE
Fuse for ABS system (10A) (*)	G125	RED
Fuse for front right-hand power window (25A)	G310	BROWN
Fuse for front left-hand power window (25A)	G311	WHITE

VEHICLES FROM CHASSIS N.30.733

The fuses and relays can be identified by a number placed on the connectors (fuse or relay holders), and anyway by their position, as shown in the figure below.



N.	COMPONENTS	CODE
1	Fuse for front left-hand power window (25A)	G311
2	Fuse for front right-hand power window (25A)	G310
3	Fuse for ABS system (10A) (*)	G125
4	Engine cooling fan relay	I1
5	Sunroof relay (with 30 A fuse)	I58
6	Boot lid opening relay (with 30 A fuse)	I52
7	Timer for headlight washer	N12
8	Fuse for headlight washer (20A)	G312
9	Fuse for rear power windows (25A)	G247
10	Fuse for front seats (30A)	G240
11	DIM-DIP engagement relay	I91
12	Fuse for DIM-DIP device (7.5A)	G333
13	Controlled damping suspension relay (with 20A fuse)	I71

(*) not used in all versions.