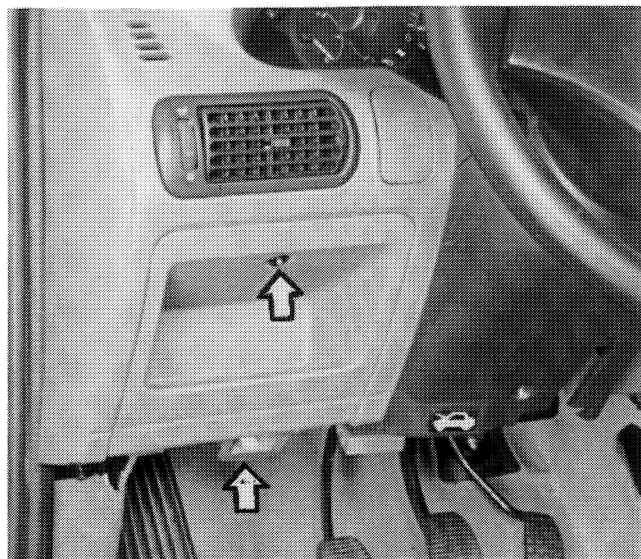


# PUNTO eMANUAL

Electrical Equipment

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Fuses & protected circuits .....	4 ➡
Diagram .....	5 ➡
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Removing/refitting fuse/relay unit .....	7 ➡
Removing/refitting fuel injection control unit .....	8 ➡
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55.



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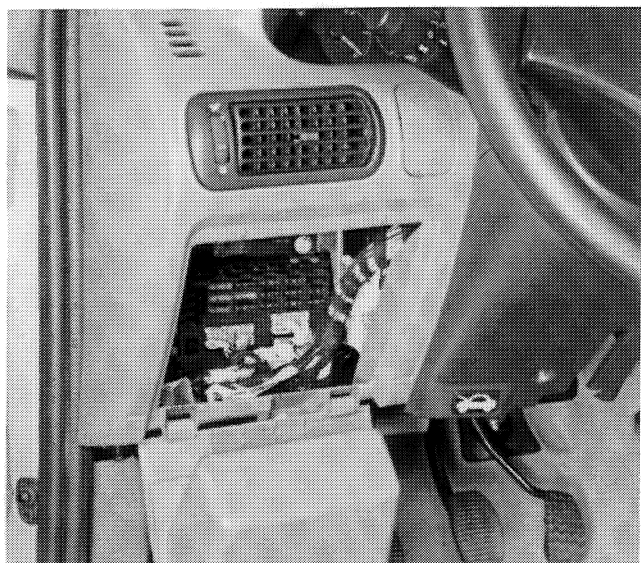


### REMOVING-REFITTING UNIT



### JUNCTION

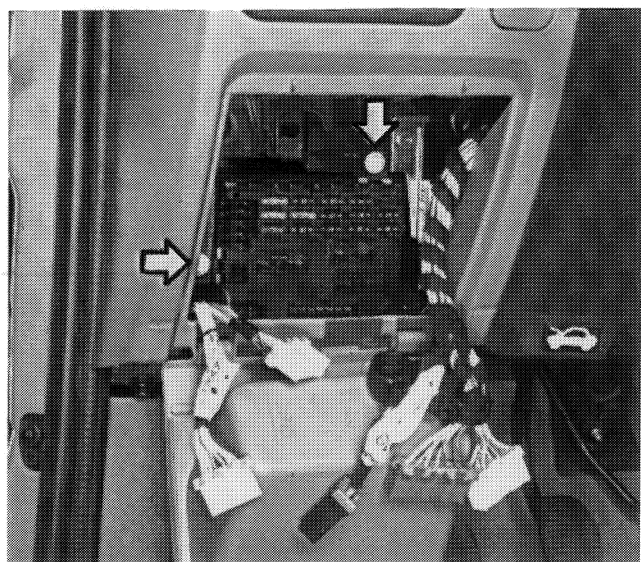
- Undo the bottom bolt securing the mounting to the control unit;
- undo the bolt securing the compartment to gain access to the control unit;



P3M062L02



- disconnect the connectors on the fuse side;



P3M062L03



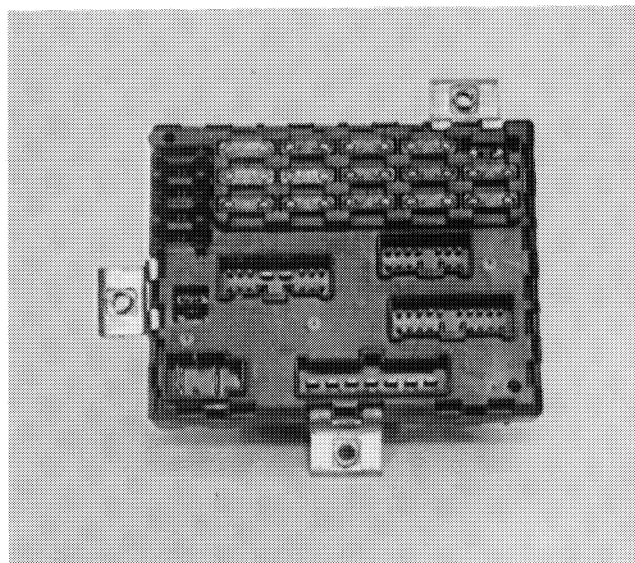
- undo the bolts securing the control unit to the mounting, then rotate the control unit;



P3M063L01



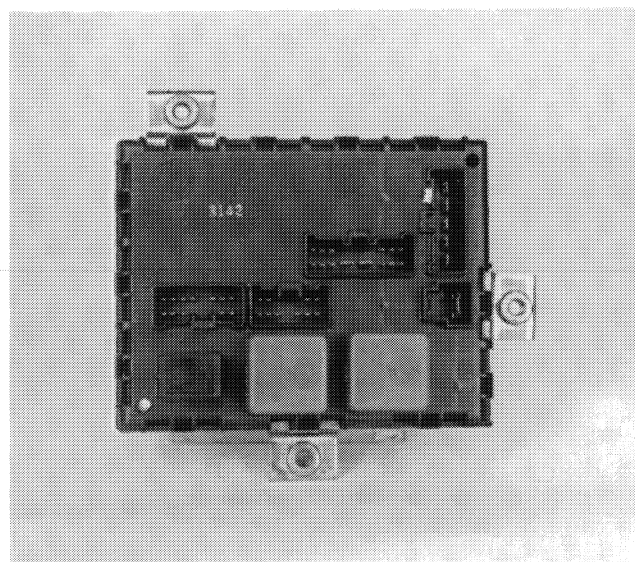
- disconnect the connectors at the rear of the control unit and extract it.



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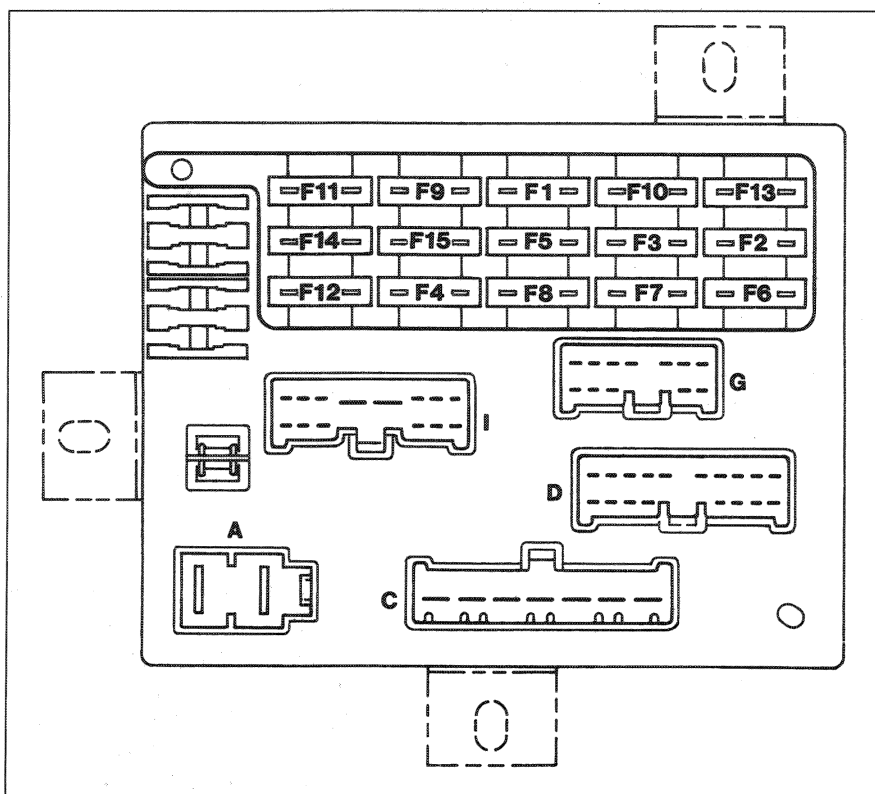
Control unit, fuse side



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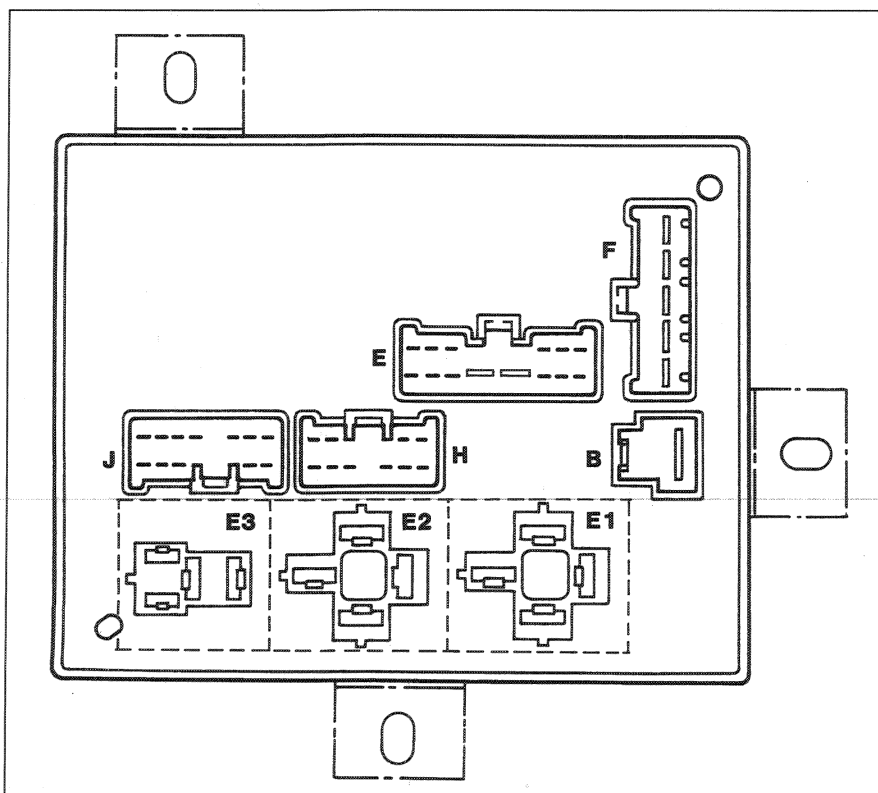
Control unit, relay side



**Location of fuses in control unit**



*It is not possible to connect the connectors wrongly, because of the special shape of each of them. The identification letters for the connectors are the same as those used in the wiring diagrams.*

















**Rear view of control unit and location of relays**

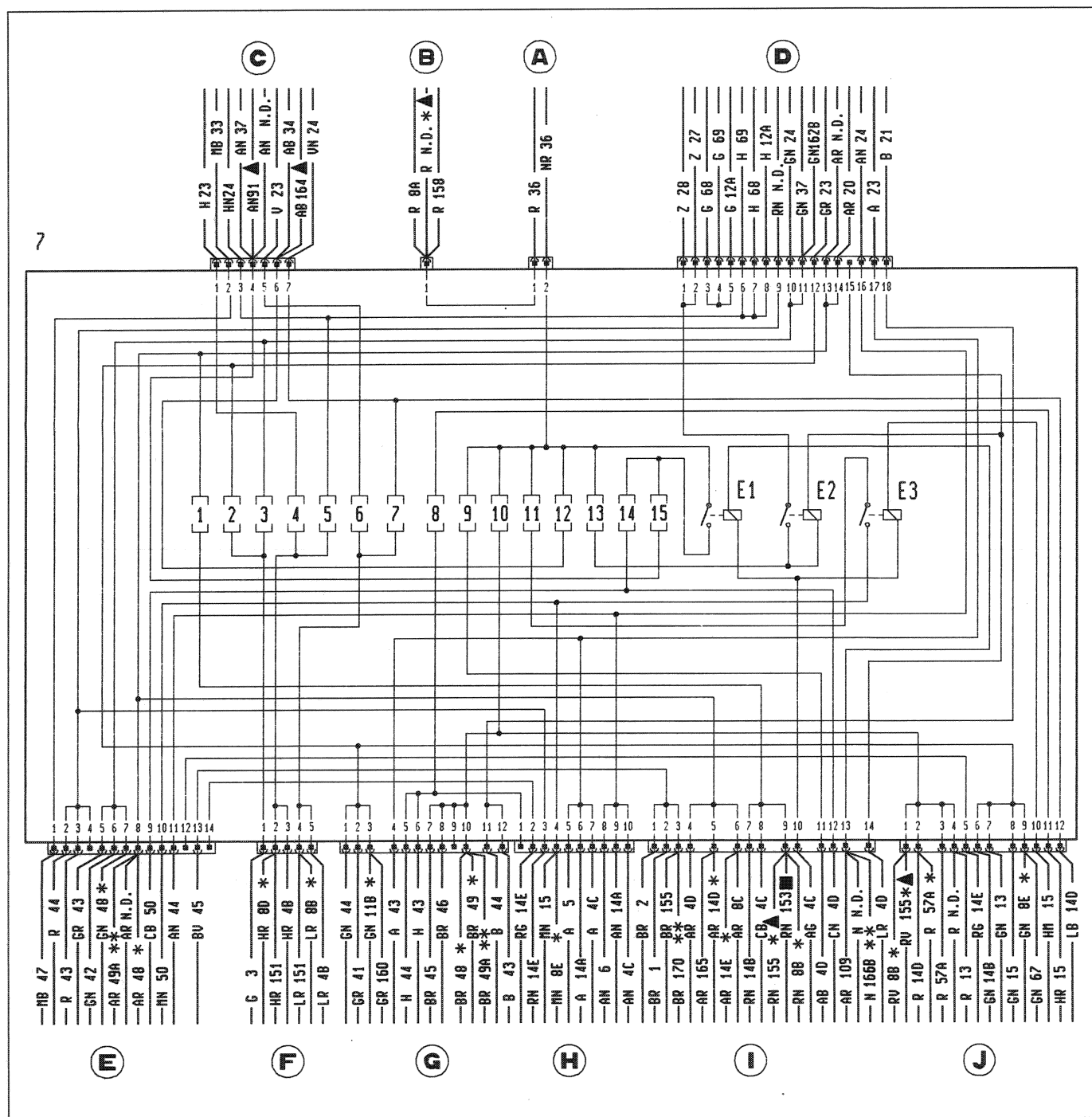
- E1. Ignition discharge starting relay
- E2. Heated rear windscreen relay
- E3. Horn relay



## List of fuses and main protected circuits

Fuse N°	Amp.	Pic-togram	Protected circuit	Fuse N°	Amp.	Pic-togram	Protected circuit
1	15	SERVIZI SERVICES	Reversing lights - Stop lights - Additional stop light (if present) - Pulse generator for electric speedometer (if present) - Digital clock display (if present) - Direction indicator flasher - Instrument supply - Supply for check panel (if present) - Electrically-operated mirror control (if present)	6	10		Right main beam
				7	10		Left main beam - Main beam warning light
				8	10		Rear fog lamps
				9	10		Hazard warning lights flasher
2	10		Front right side light - Rear left side light - Right number plate light - Radio illumination - Instrument illumination and side lights warning lamp - Cigar lighter illumination - Switch panel illumination - Illumination for headlamp alignment control (if present) - Illumination for electrically-operated mirror control (if present) - Illumination for heated seat control (if present)	10	15		Courtesy light - Spot light (if present) - Luggage compartment light (if present) - Clock supply - Remote control supply (if present) - Radio supply - Cigar lighter supply - Light blinker with anti-theft device (if present)
				11	20		Heated rear window - Heated rear window warning light - Mirror demister (if present)
				12	30		Radiator cooling fan
3	10		Front left side light - Heater/air conditioner controls illumination - Rear right side light - Left number plate light - Digital clock display dimmer (if present)	13	20		Horns
				14	20		Windscreen wiper - Rear window wiper - Windscreen/rear window washer pump
4	10		Right dipped beam	15	20		Car interior heater fan
5	10		Left dipped beam - Headlamp alignment adjusters (if present)				

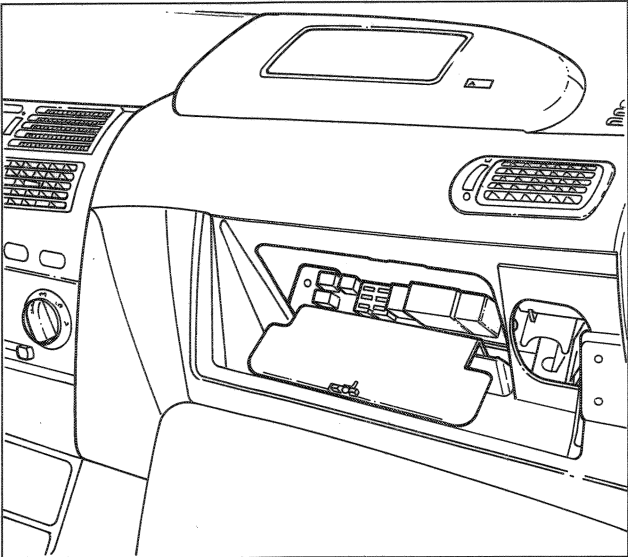
**DIAGRAM OF JUNCTION UNIT'S INTERNAL CONNECTIONS AND COLOURS OF WIRES TO THE RELEVANT CONNECTORS** (the number beside the wire colour indicates the component or connector to which the wire is connected; these numbers are the same as those used on the wiring diagrams - see key)



P3M068L01

#### Junction unit

- \* Connection variation for versions ELX 75 - ELX TD - GT
- \*\* Connection variation for versions with anti-theft device
- Connection variation for versions ED - EL 75
- ▲ Only for versions with air conditioning
- \*▲ Connection variation for versions ED - SX 55 - SX 60 - SX 75 - EL 75 - SX TD



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OPTIONAL DEVICES CONTROL UNIT

Location of optionals control unit

**NOTE** The control unit for optional devices is only fitted to the ELX 75 - ELX TD - GT versions

View of the optionals control unit, connectors side

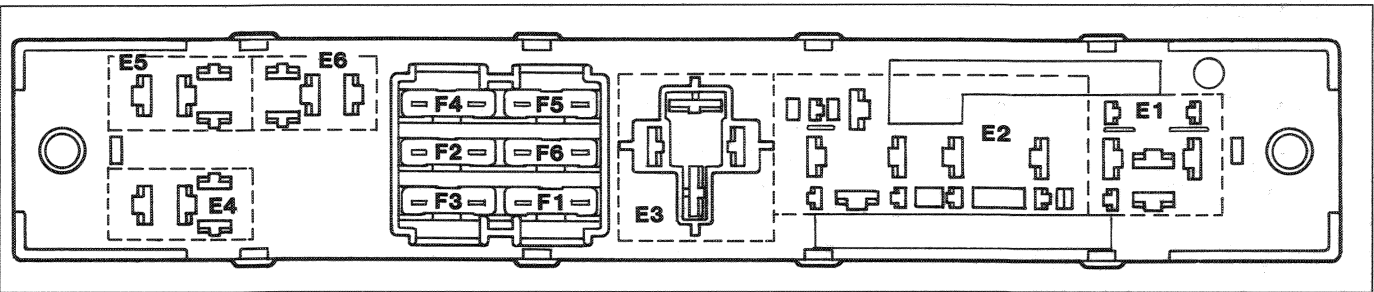
Relays

- E1. Central door locking control unit
- E2. Electric windows control unit
- E3. Sunroof control unit
- E4. Main beam and dipped beam relay
- E5. Front fog lamps relay
- E6. Rear fog lamps relay

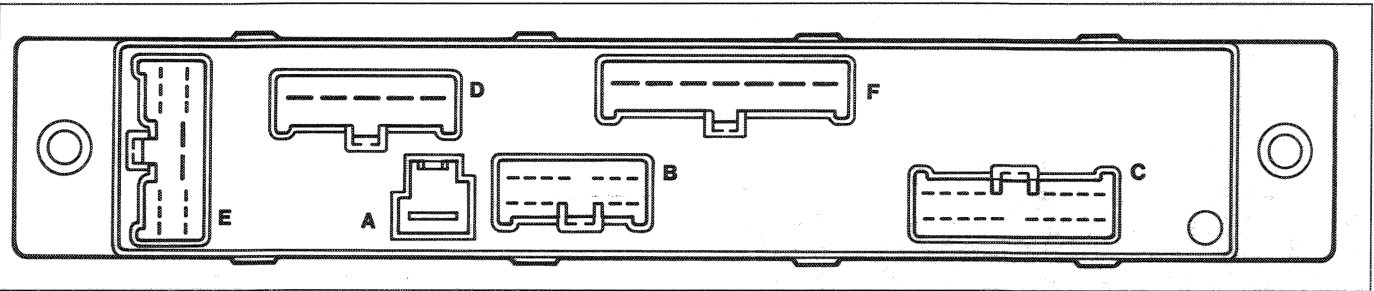


It is impossible to insert the connectors in the wrong sockets, since each has its own particular shape. The letters identifying the connectors are the same as those used on the wiring diagrams.

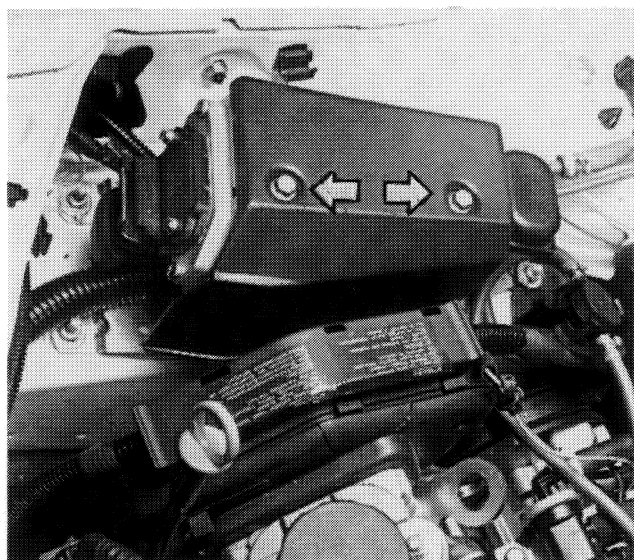
Fuse no.	Amperage	Protected circuit
1	30	El. windows
2	20	Front fog
3	20	Door locking
4	20	Sunroof
5	30	
6	30	



P3M067L02



P3M067L03



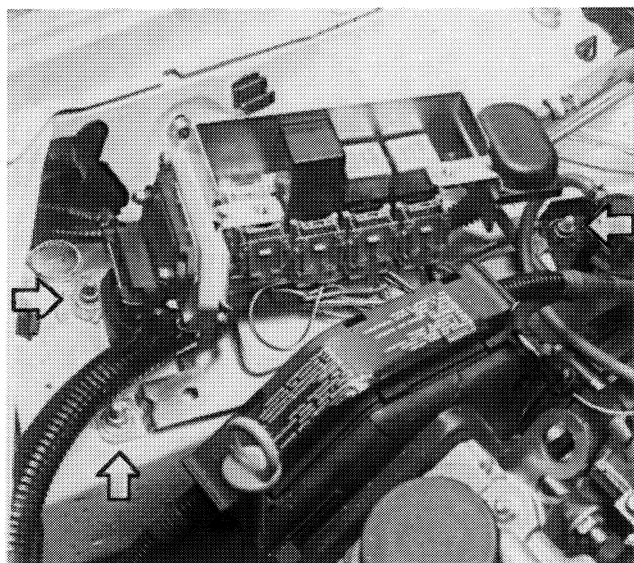
P3M068L01



#### REMOVING-REFITTING FUSE AND RELAY UNIT (GT only)



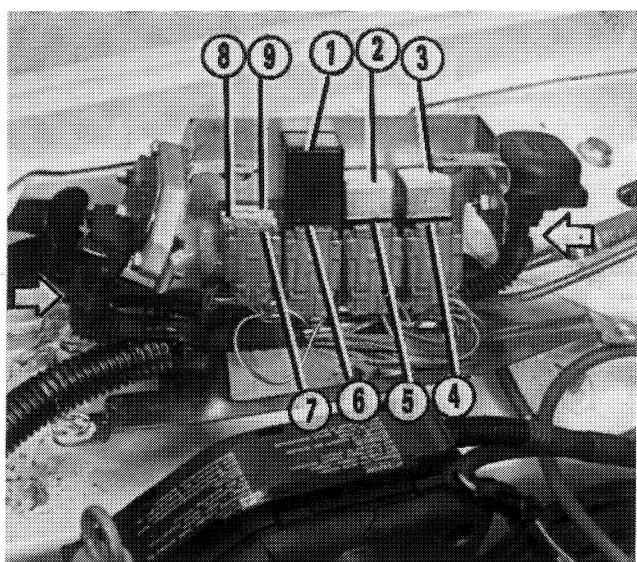
- Undo the bolts indicated and remove the cover from the control unit;



P3M068L02



- remove the bolts attaching the mounting bracket to the bodywork and lift the control unit;

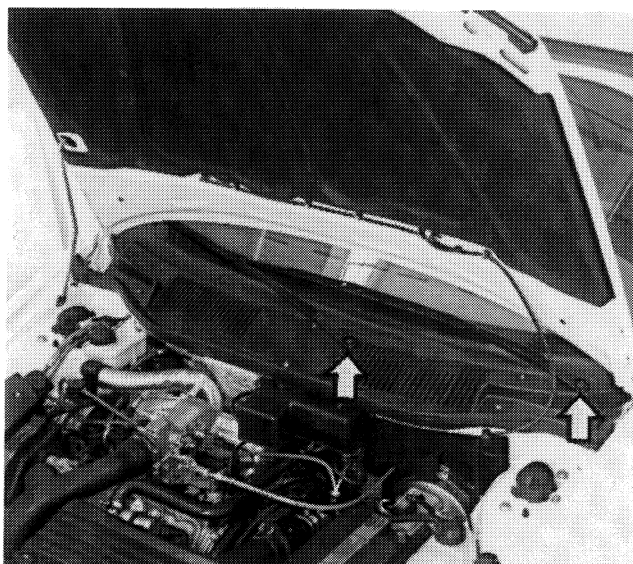


P3M068L03



- disconnect the connectors indicated;
- replace the faulty component.

1. Headlamp washer timer control module
2. Fuel injection control relay
3. Fuel pump control relay
4. Fuel injection fuse
5. Lambda probe fuse
6. Fuel pump fuse
7. ABS fuse
8. Fuel injector cooling fan fuse
9. Headlamp washer system fuse



P3M069L01



### REMOVING-REFITTING FUEL INJECTION CONTROL UNIT (GT VERSION)

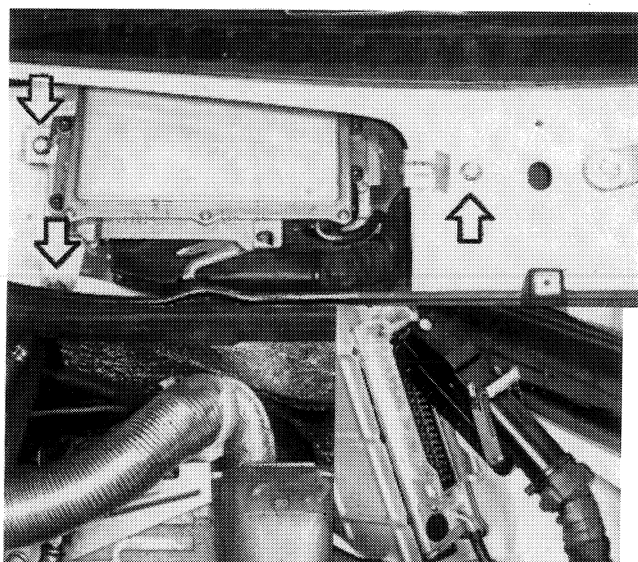
- Lift the attachment covers arrowed in the figure;
- undo the nuts located underneath;
- remove the windscreen wiper arms;



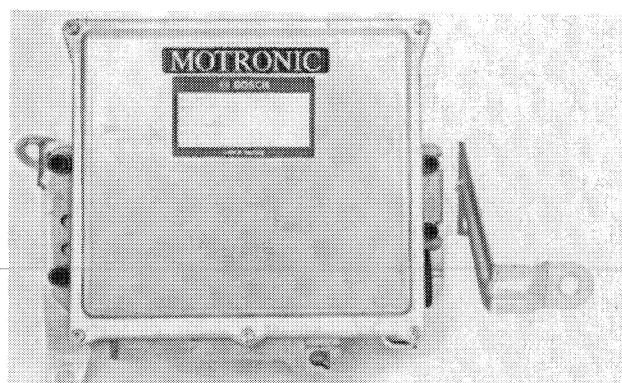
P3M069L02



- undo the screws securing the windscreen bottom trim, then remove the trim;



P3M069L08

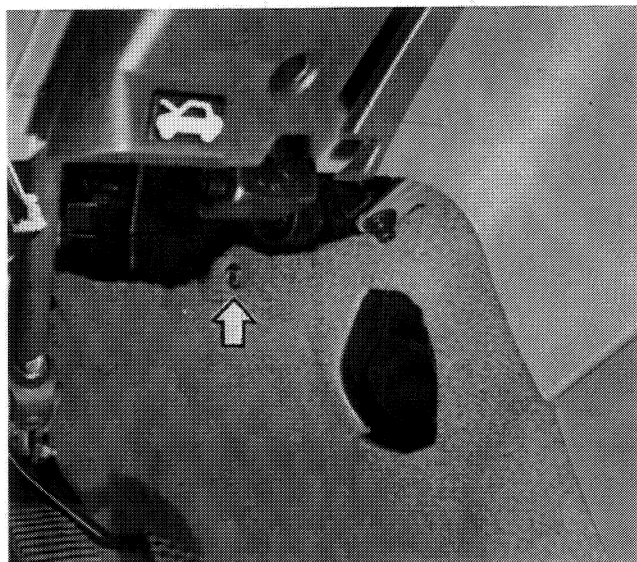


P3M069L05

- undo the nuts securing the fuel injection control unit;
- undo the vacuum pipe and connector;
- withdraw the control unit from its seating.



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P3M070L01



#### REMOVING-REFITTING AIR BAG CONTROL UNIT



- Undo the trim attachment screw;



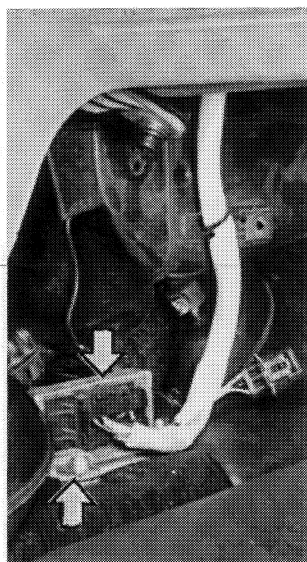
P3M070L02



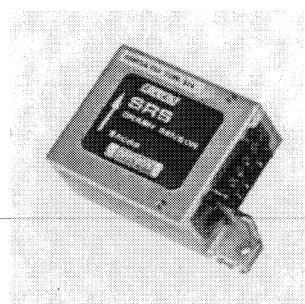
- detach the trim from the console;
- repeat the same operation on the passenger side;



P3M070L03



P3M070L04



P3M070L05

- undo the attachment screw on the driver's side (left picture) and passenger's side (right picture);
- disconnect the connector and remove the control unit.