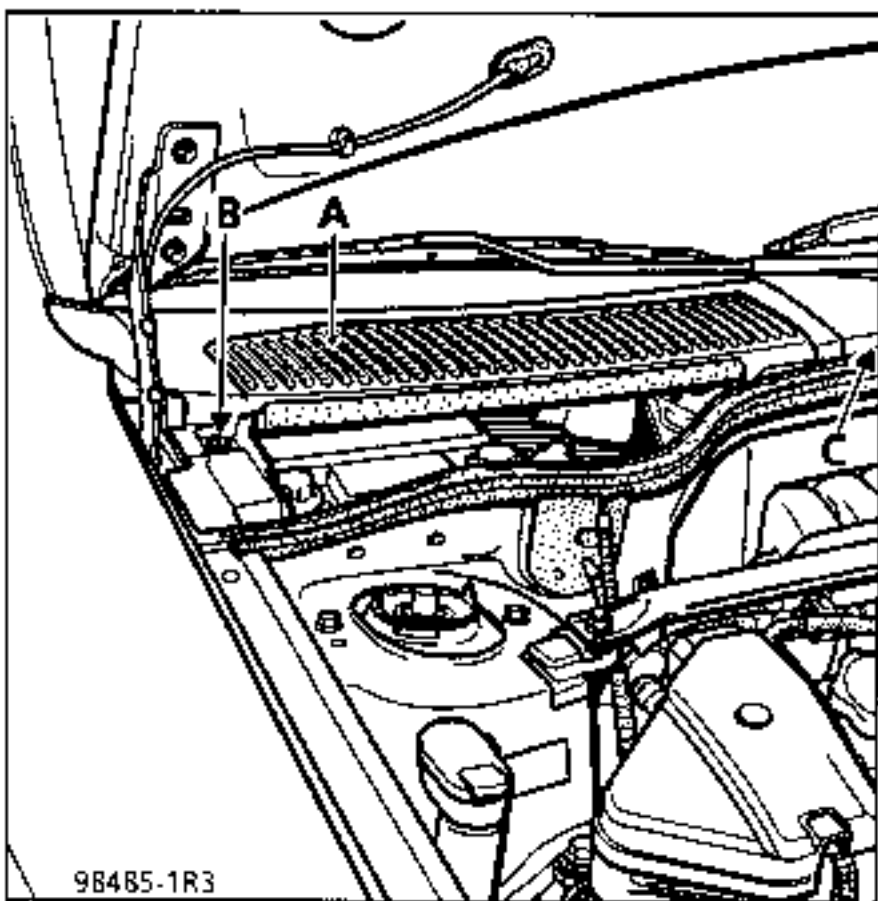


To remove the battery, the half scuttle panel grille must be removed (A).



To do this:

- slacken the grille mounting (B),
- unclip the grille at (C) and release it, tilting it in relation to the corner of the windscreen (see section 5).

A - CHECKING

Check and ensure that:

- the battery tray and cover are not cracked or split,
- the top of the battery is clean,
- the terminals are in good condition.

It is vital:

- to ensure that there is no sulphation on the terminals,
- to clean and grease the terminals if necessary,
- to check that the nuts are correctly tightened on the terminals. Incorrect contact could cause starting faults or charging faults which could cause sparks, making the battery liable to explode,
- to check the electrolyte level.

Batteries with sets of removable plugs:

- remove the cover by hand or by using a tool (stiff spatula),
- check that the electrolyte level in all the cells is well above the level of the separators,
- if necessary, use demineralised water to top up the level.

Note : certain types of battery have translucent bodies which allow the level of the electrolyte to be seen.

Never add electrolyte or other products to the battery.

B- PRECAUTIONS

Remember that a battery:

- contains sulphuric acid which is a dangerous substance,
- gives off oxygen and hydrogen when charging. The mixture of these two gases forms an explosive gas, likely to cause explosions.

1) DANGER = ACID

The sulphuric acid solution is a very harmful, toxic and corrosive substance. It attacks skin, clothing, concrete and corrodes most metals.

In addition, when handling a battery, the following precautions must be taken :

- wear safety glasses,
- wear anti-acid gloves and clothing.

If acid is spilt, rinse the affected areas with copious quantities of water. If the acid comes into contact with the eyes, consult a doctor.

2 - DANGER = RISK OF EXPLOSION

When a battery is charging (either in a vehicle or elsewhere), oxygen and hydrogen are produced. Gas production is at a maximum when the battery is completely charged and the quantity of gas produced is proportional to the intensity of the charging current.

The oxygen and the hydrogen join together in the open air, on the surface of the plates and form a highly explosive mixture.

The smallest of sparks, a cigarette or a recently extinguished match are sufficient to cause an explosion. The explosion is so strong that the battery can shatter and the acid is dispersed into the surrounding atmosphere. People nearby are at risk (shattered casing parts, acid splashes). The acid splashes are harmful to the eyes, face and hands. They also attack clothes.

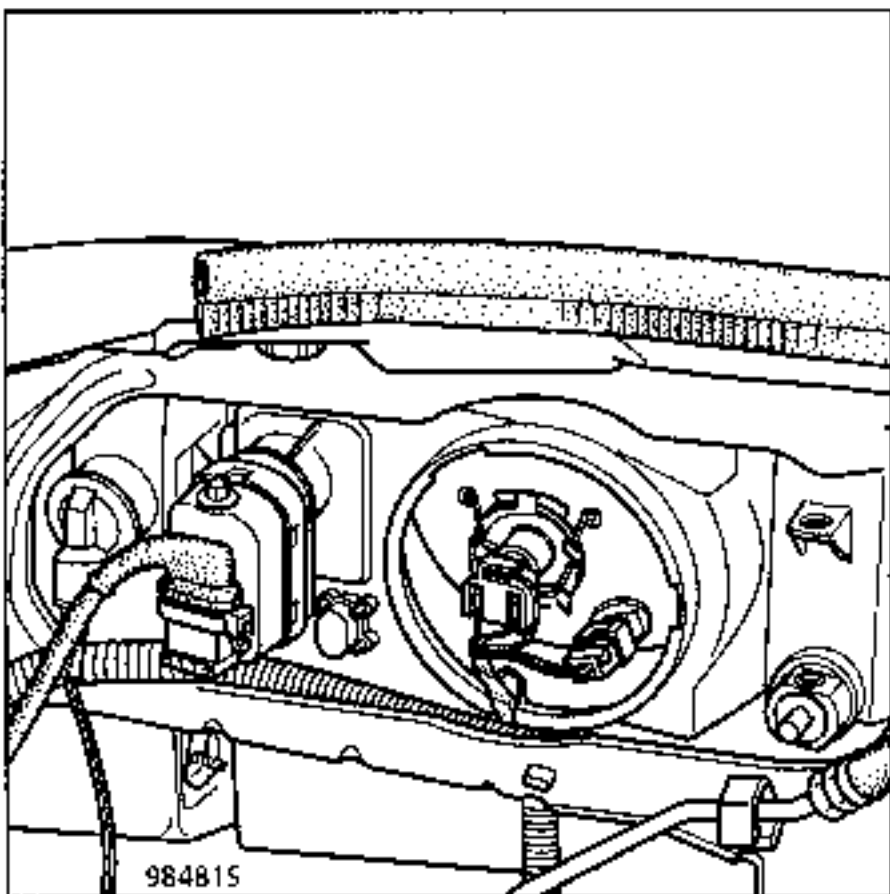
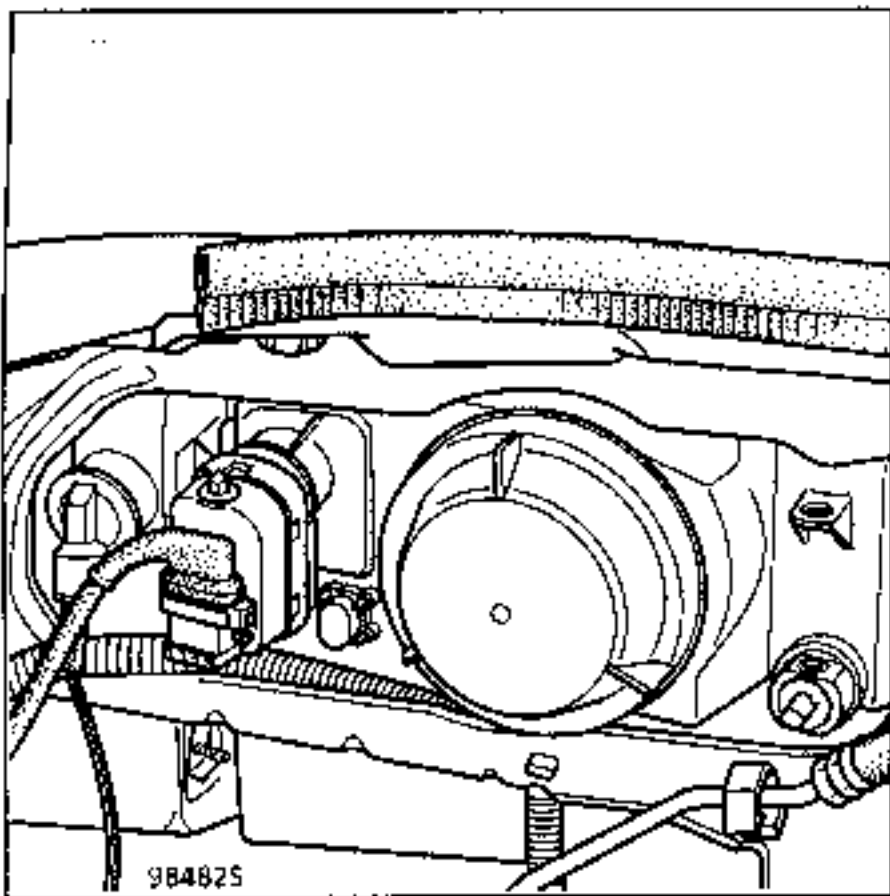
Safeguarding against the danger of explosion, which can be caused by a poorly handled battery, must be taken very seriously. Avoid all risks of sparks.

- Check that the "consumers" are switched off, before disconnecting or reconnecting a battery.
- When a battery is being charged in a room, switch off the charger before connecting or disconnecting the battery.
- Do not put any metallic items onto the battery so as not to cause a short circuit across the terminals.
- Never place a naked flame, a welding torch, hot air gun, a cigarette or a lighted match near to a battery.

REMOVAL - REFITTING

Disconnect:

- the battery,
- the connectors for the bulbs at the rear of the lens unit, after removing the protective cover.



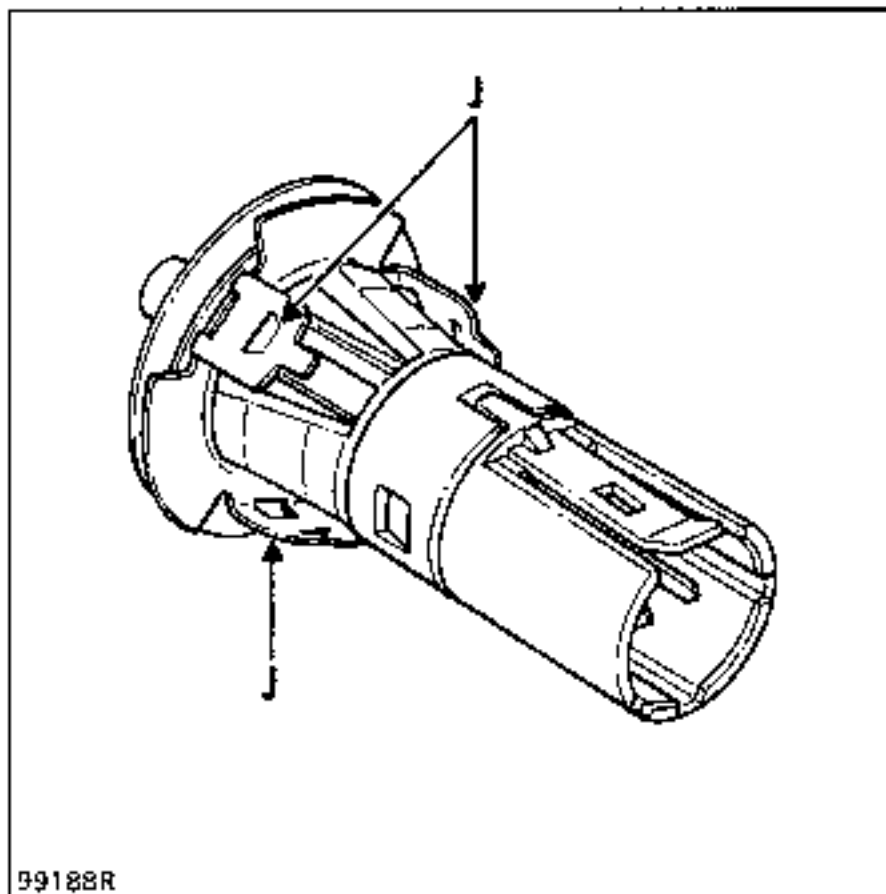
NOTE : if the vehicle is fitted with remote headlight adjustment, remove the receiver following the method described in the section "Remote adjustment".

Remove:

- the indicator light (see relevant section),
- the "bonnet closed" switch mounted on the right hand section of the radiator grille, if necessary

To do this:

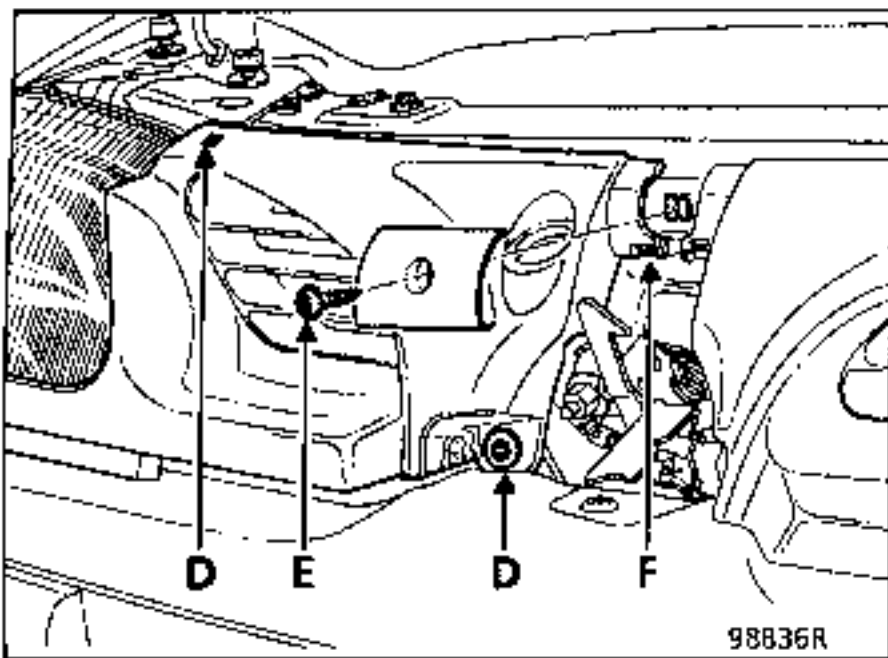
- disconnect the switch connector,
- release the 3 metal clips (J) and remove the switch.



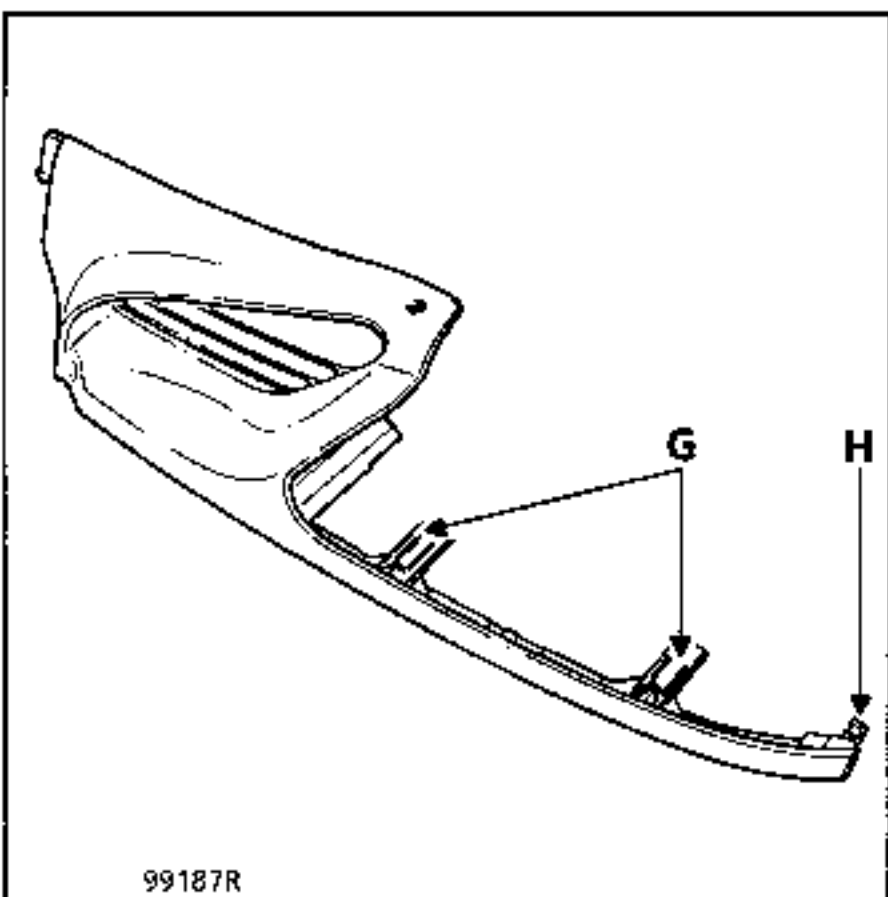
Remove:
– the half radiator grille.

To do this:

- slacken the central mounting (E) for the 2 half grilles and the 2 mountings (D) for the half grille in question,



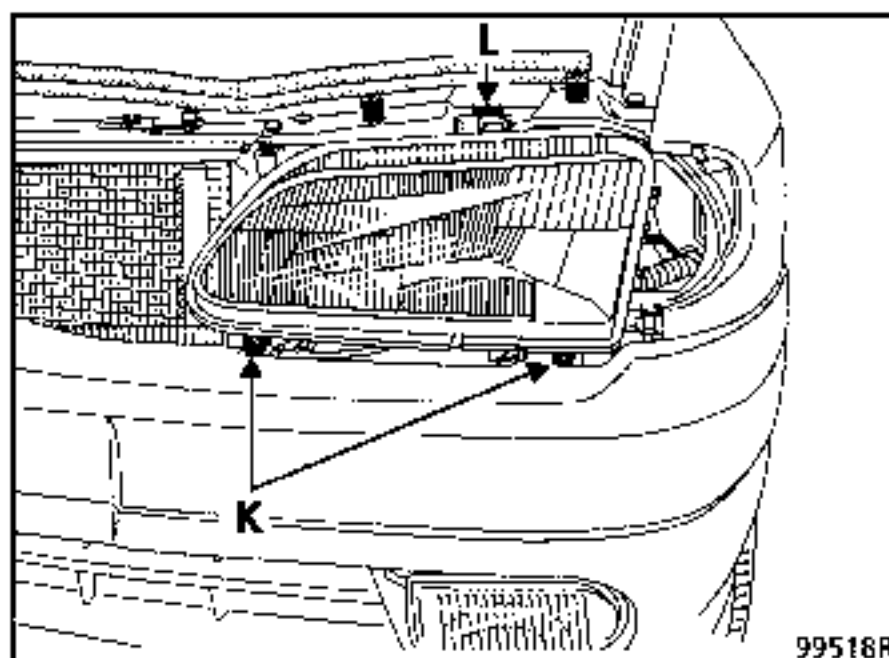
- unclip the half grille at the centre section (E) then at the lower section (G) sliding a screwdriver into the lugs in the radiator grille.



- unclip the side by lifting tab (H),
- remove the half grille with care.

Take care to retain the metal clips on the lens unit.

Note the position of the lens unit on the 2 mounting brackets (K) before removing the 2 bolts so the lens unit is correctly aligned when refitting.



Remove the lens unit upper mounting bolt (L).

Release the lens unit from the vehicle.

SPECIAL NOTE FOR REFITTING

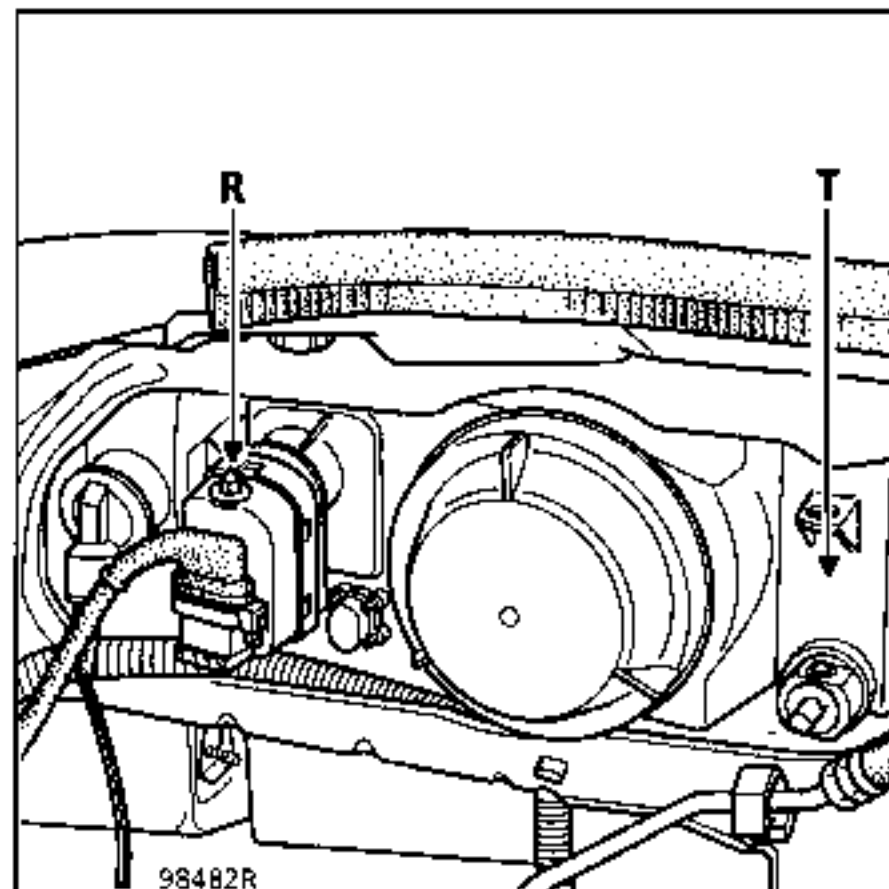
To ensure the lens unit is correctly refitted, the lens unit and the indicator light may be assembled before refitting to the vehicle.

After refitting the lens unit, it must be adjusted.

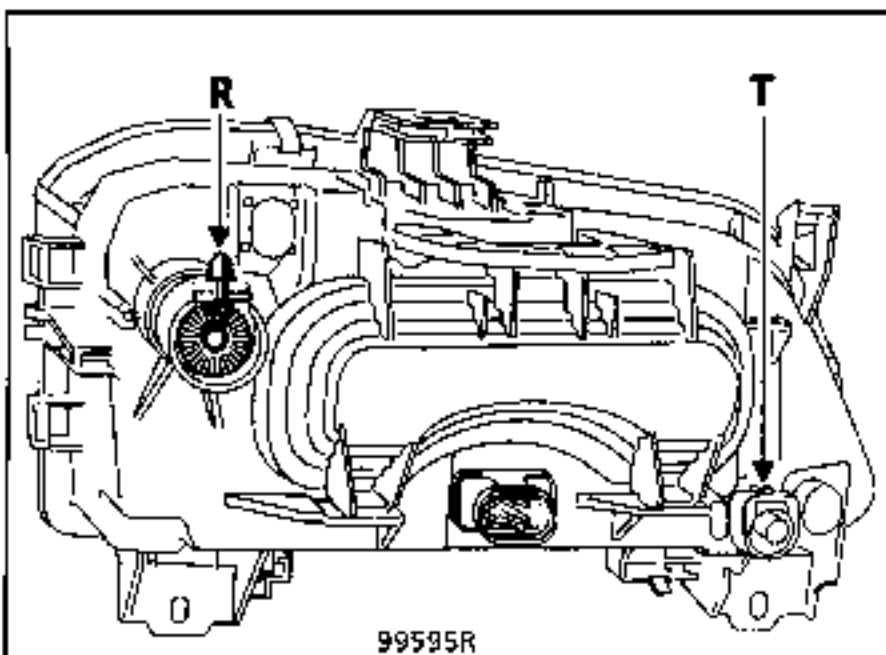
Adjustment:
ensure the vehicle is unladen.

NOTE : if the vehicle has remote adjustment, set the control to position "0".

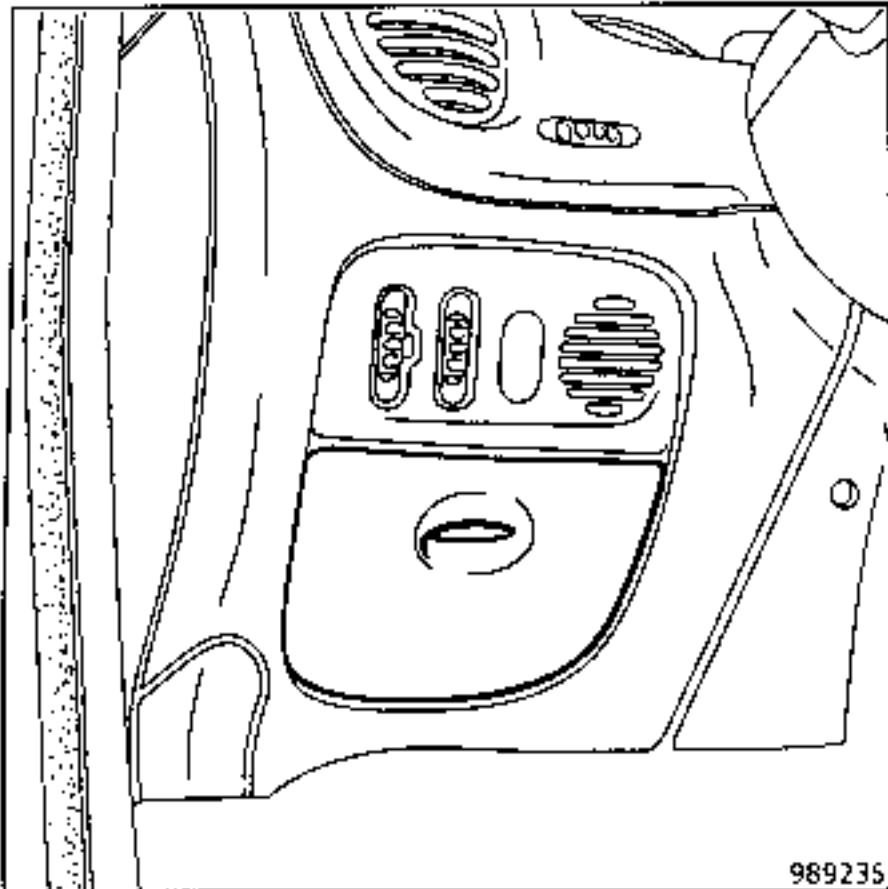
Adjust the height setting using screw (R) and the lateral adjustment using screw (T).



REMINDER: the "dual headlight " fuse should not be fitted for a vehicle with only single headlights (lens unit will be damaged).

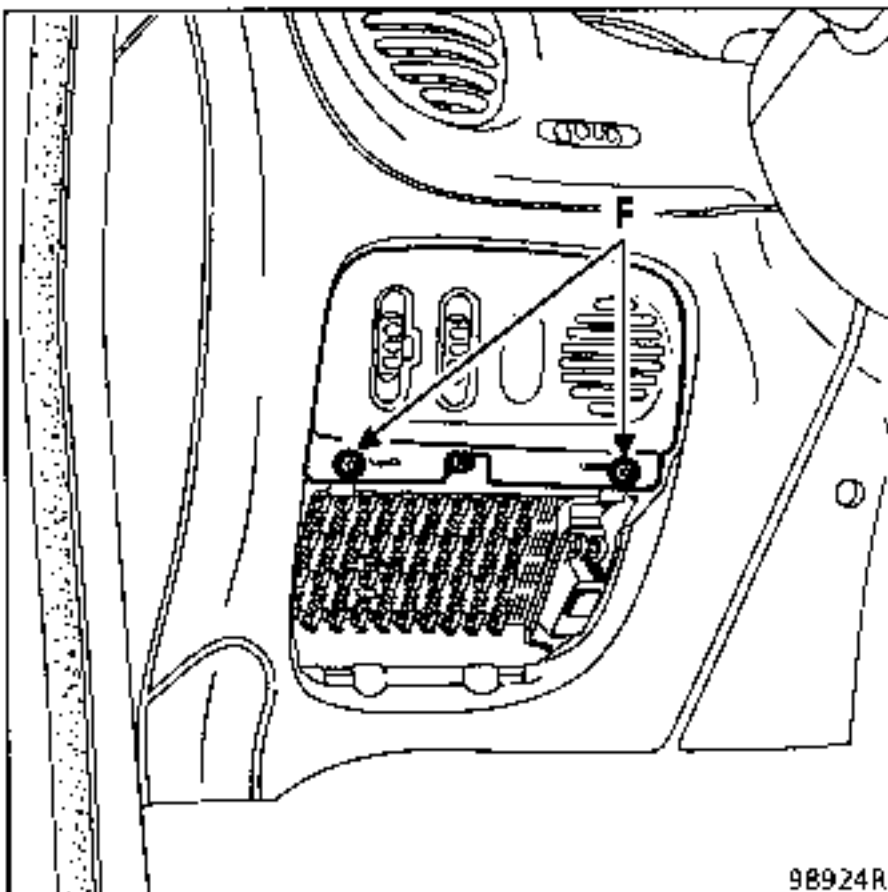


REMOVING - REFITTING THE CONTROL



Remove the passenger compartment fuse box cover.

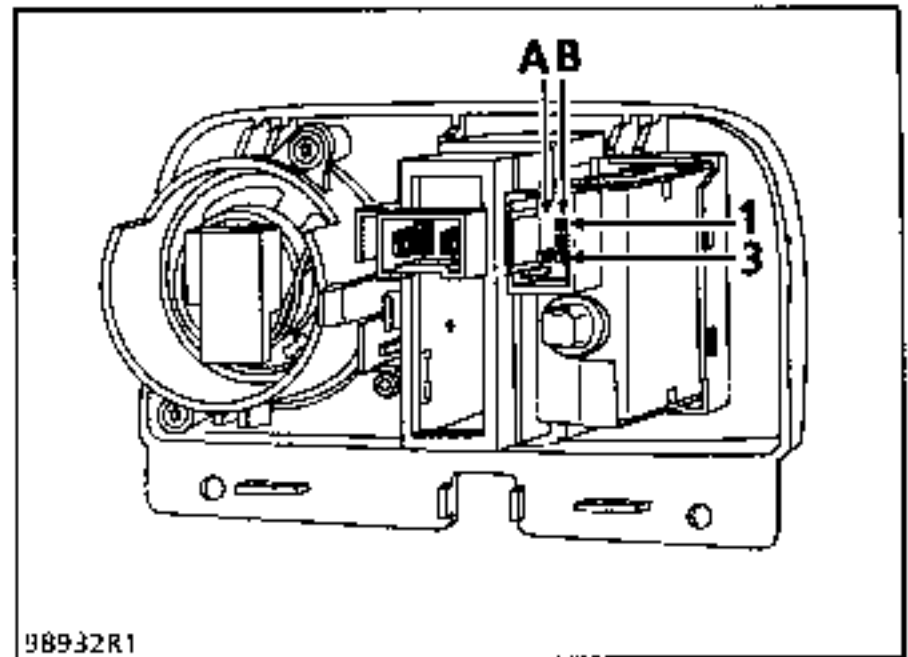
Unscrew the 2 mountings (F) for the remote adjustment control and lighting rheostat mounting plate.



Release the plate and disconnect the connectors (depending on equipment).

Unclip the control unit from the mounting plate.

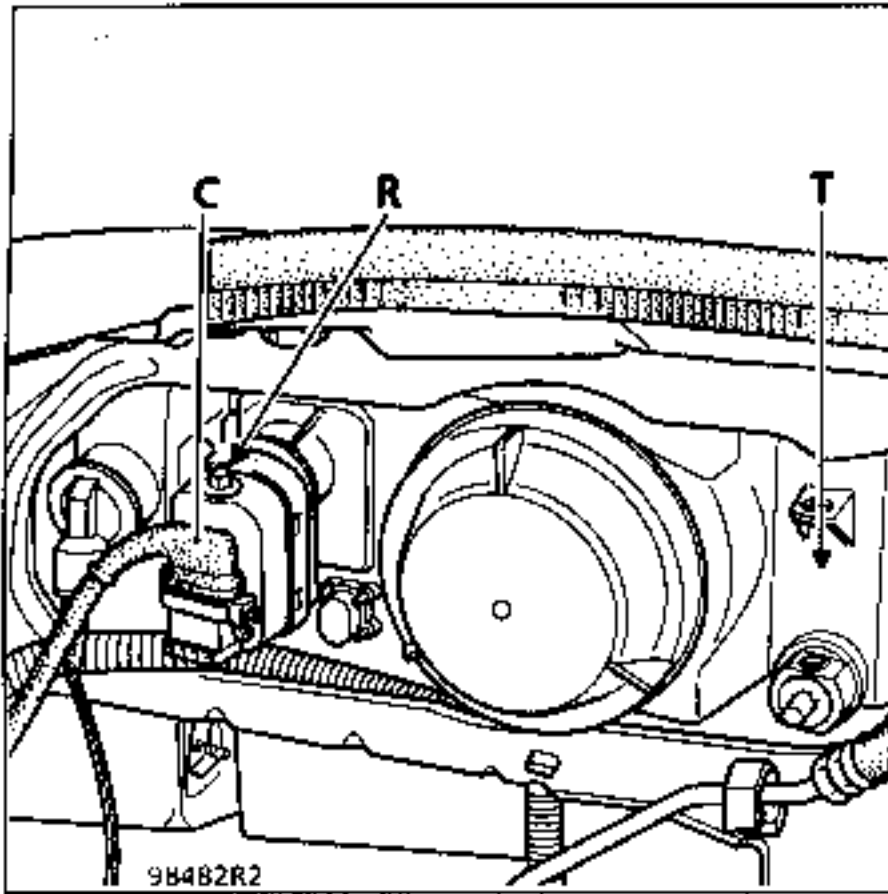
CONNECTIONS



Track	Allocation
A1	Lighting
A2	Not used
A3	Not used
B1	Earth
B2	Dipped beam headlights
B3	Remote adjustment control

REMOVING - REFITTING THE RECEIVER

Disconnect the remote adjustment receiver connector (C).

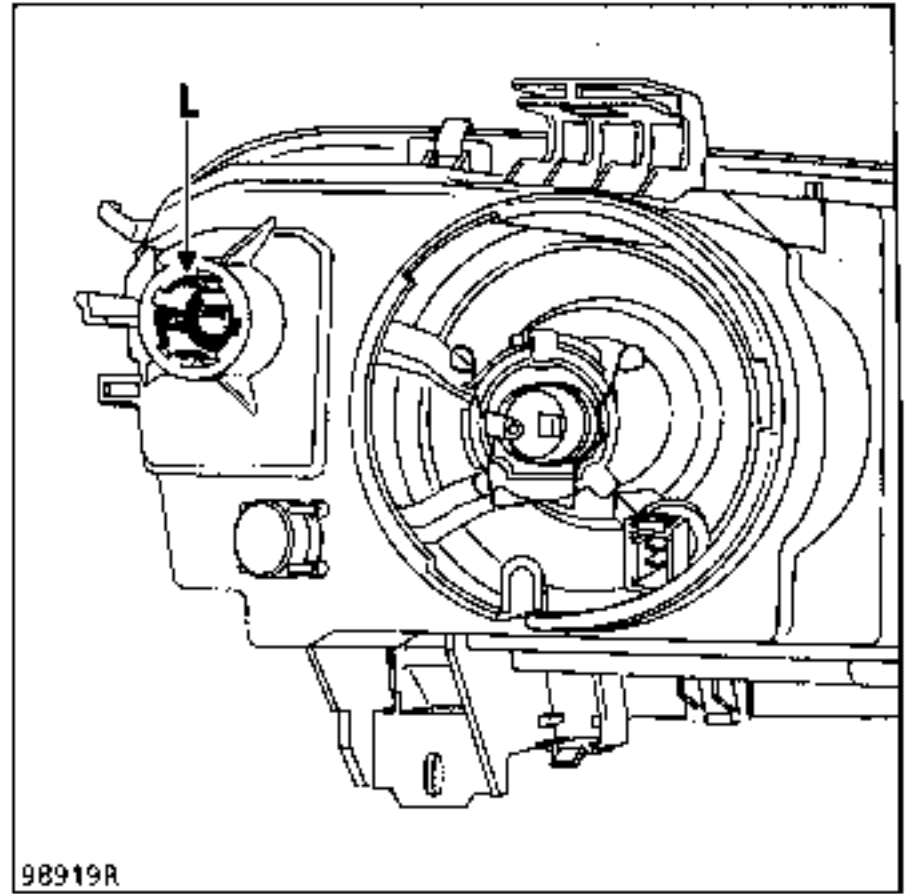


Turn the receiver an eighth of a turn towards the vehicle wing to release it from the lens unit.

Release the receiver ball joint and the lens unit parabola to remove the receiver.

SPECIAL NOTE FOR REFITTING

Remove the protective cover for the bulb connectors at the rear of the lens unit.



Hold the parabola at the back of the lens unit by pulling the base of the bulbs and clip the ball joint into the special housing (L).

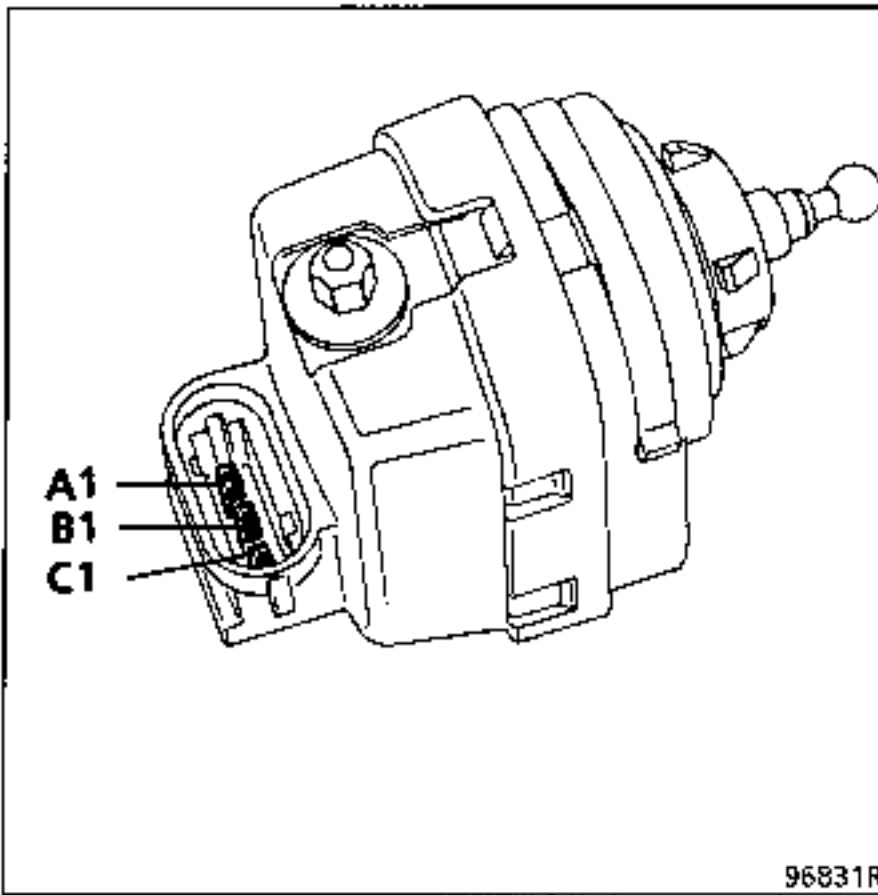
Now reposition the receiver on the lens unit, turning it an eighth of a turn.

Reconnect the connector and refit the protective cover for the bulbs at the rear of the lens unit.

Set the remote adjustment control to position "0" and adjust the lens unit :

- screw (R) to adjust the height,
- screw (T) to adjust the lateral position.

CONNECTION

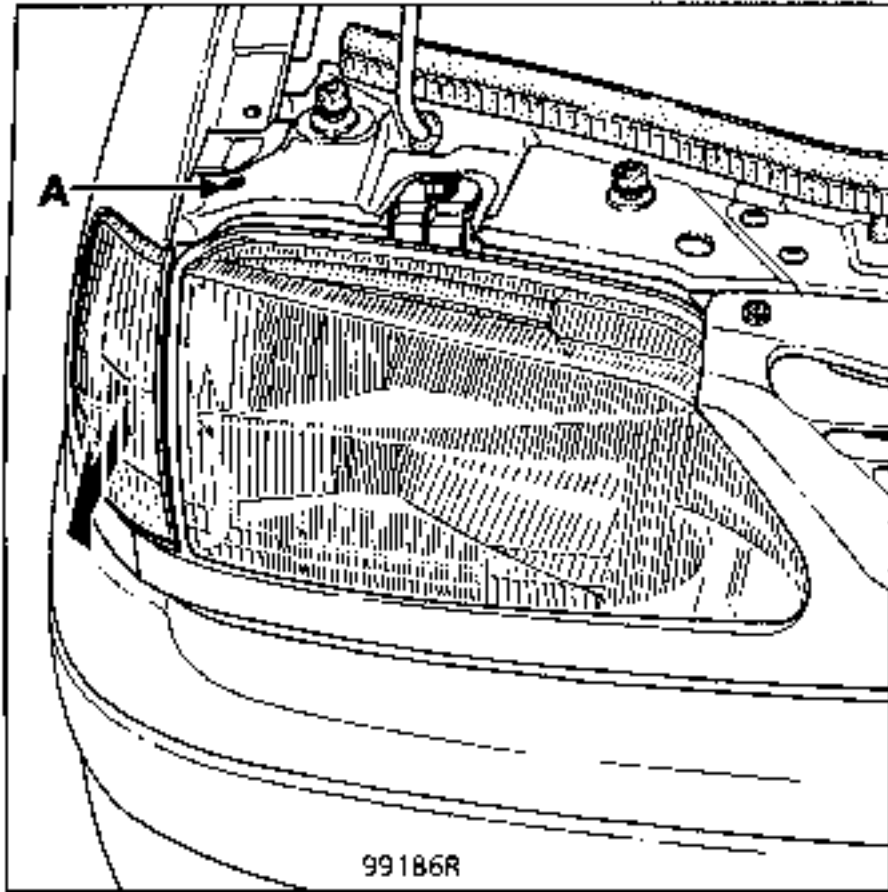


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Track	Allocation
A1	Earth
B1	Adjusting control
C1	Dipped beam headlight information

REMOVAL - REFITTING

Inserting a screwdriver into opening (A), remove the light mounting bolt.

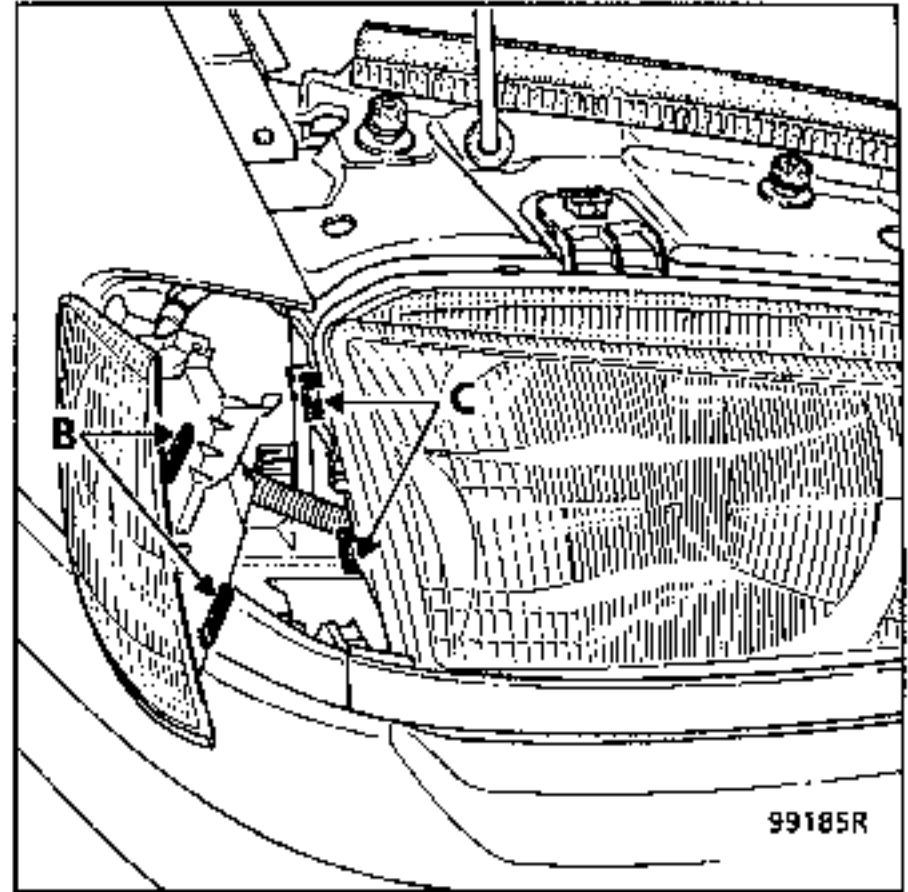


Release the light by sliding it along the lens unit, towards the outside.

Remove the bulb holder by turning it a quarter of a turn.

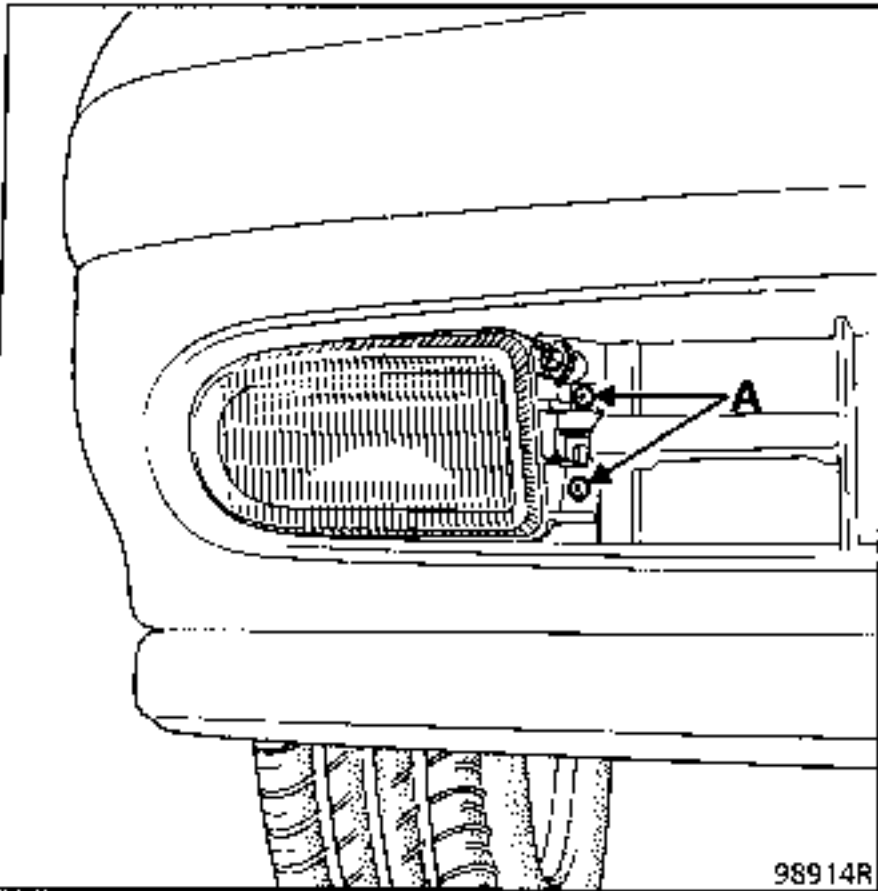
SPECIAL NOTE FOR REFITTING

Reposition the light by sliding the 2 tabs (B) into special openings (C) on the side of the lens unit.



For vehicles with front fog lights.

REMOVAL

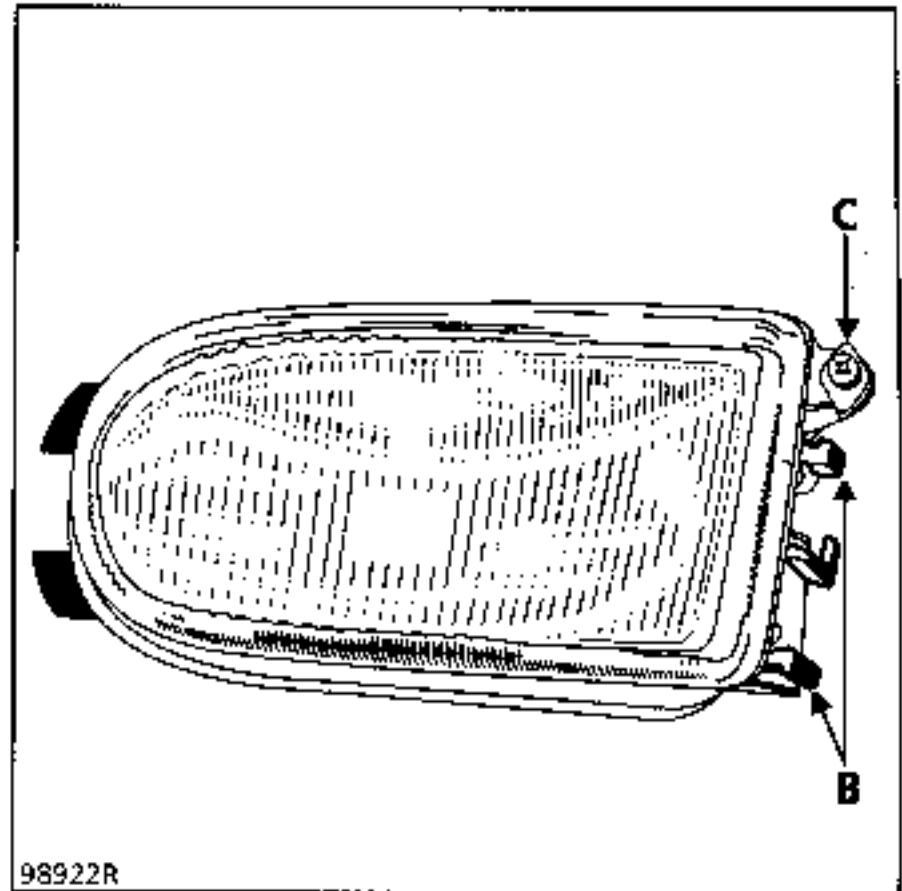


Remove the 2 mounting bolts (A) for the light, after removing their protective cover.

Remove the lens unit forwards, releasing the 2 brackets (B).

Disconnect the connector.

REFITTING



Reconnect the connector.

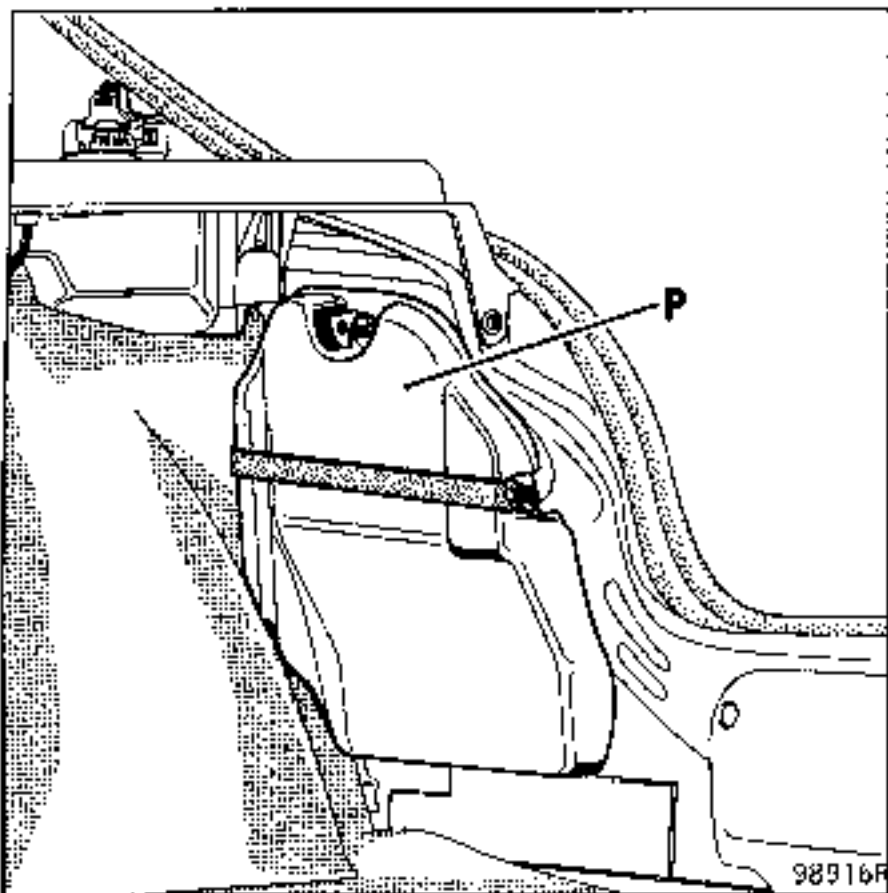
Reposition the fog light using the 2 brackets (B).

Refit the mounting bolts (A) and the protective cover.

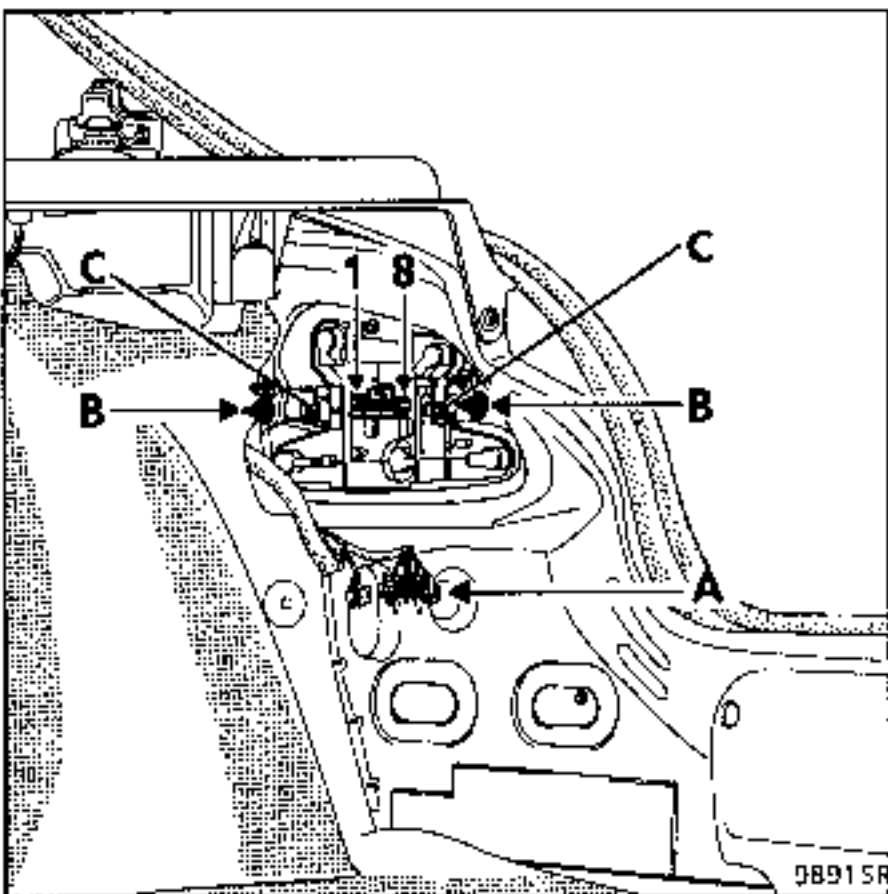
Adjust the light using screw (C).

REMOVING THE LIGHTS FROM THE WING

Remove the plastic cover (P) after unclipping the strap and removing the nut.



Disconnect the connector (A).



Slacken the 2 mounting nuts (B) for the rear lights unit and release towards the outside.

To reach the bulbs, unclip the bulb holder by pressing the 2 tabs (C).

NOTE : the bulbs may be replaced without removing the light.

CONNECTION

Rear right hand lights connector

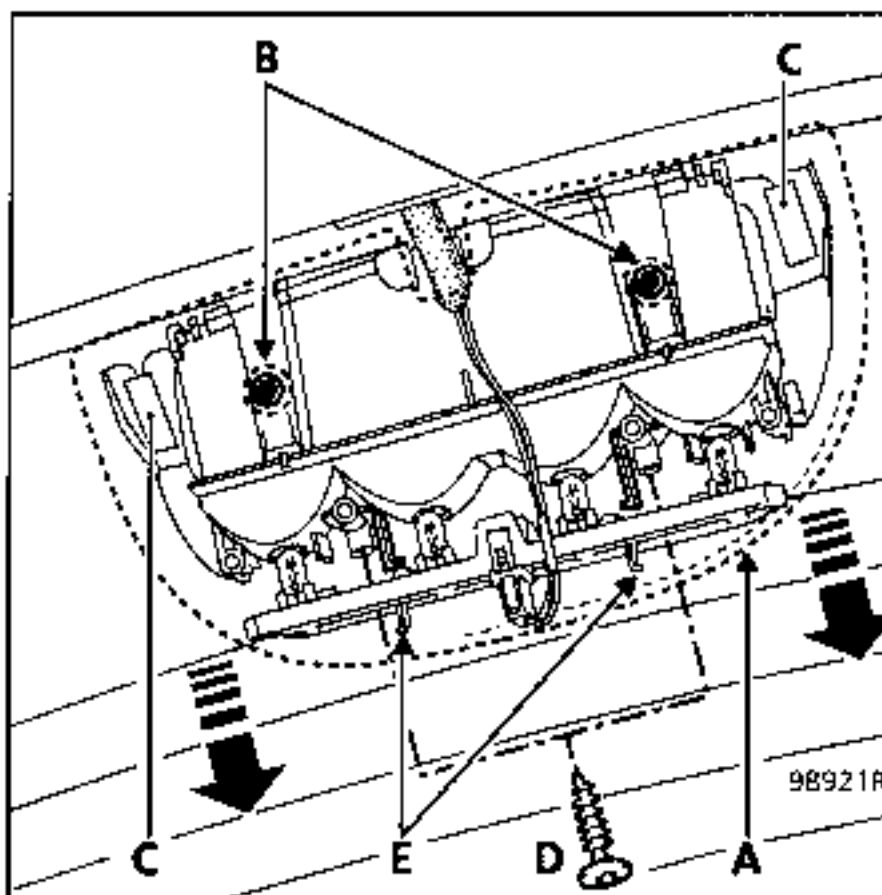
Track	Allocation
1	Not used
2	Indicator
3	Earth
4	Stop light
5	Side light
6	Fog light
7	Earth
8	Reversing light

Rear left hand lights connector

Track	Allocation
1	Reversing light
2	Earth
3	Fog light
4	Side light
5	Stop light
6	Earth
7	Indicator
8	Not used

REMOVING THE RAISED STOP LIGHT

With the tailgate raised, unclip the cover (A) by pressing on the 2 points (B) then release the cover by sliding it.



Disconnect the connector.

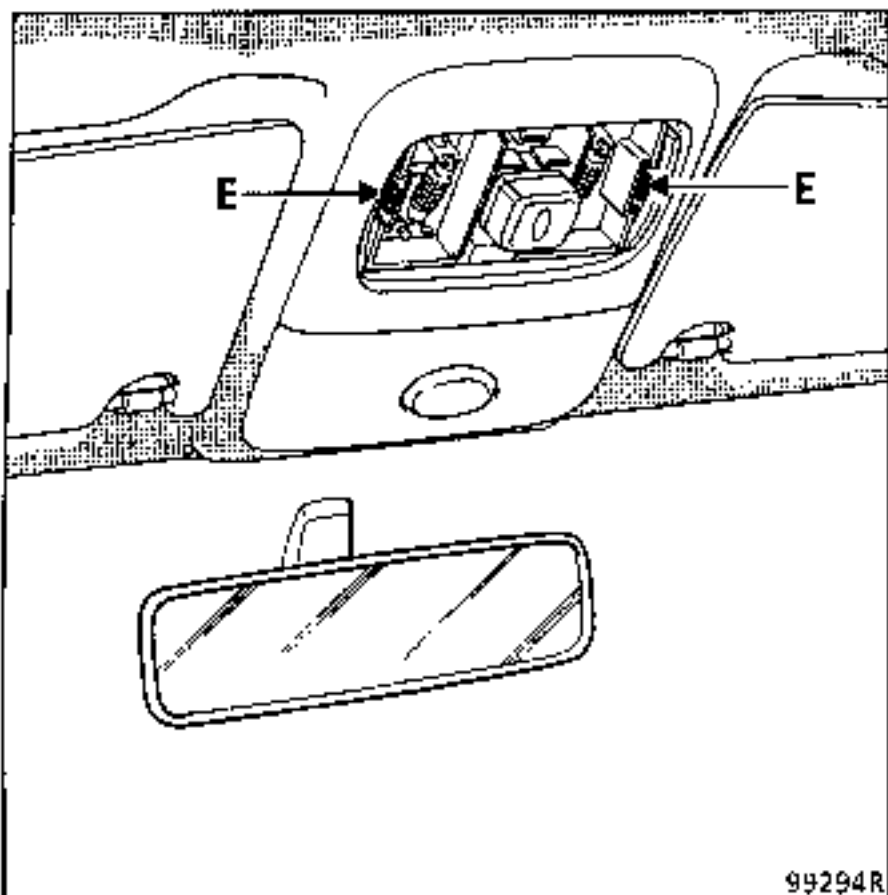
To remove the light, separate the 2 tabs (C) and slide the assembly.

To reach the bulbs, remove the 2 mounting bolts (D) from the bulb holder then press the tabs (E) to release it from the lens unit.

NOTE : the lens unit does not need to be removed to replace a bulb.

CENTRAL COURTESY LIGHT

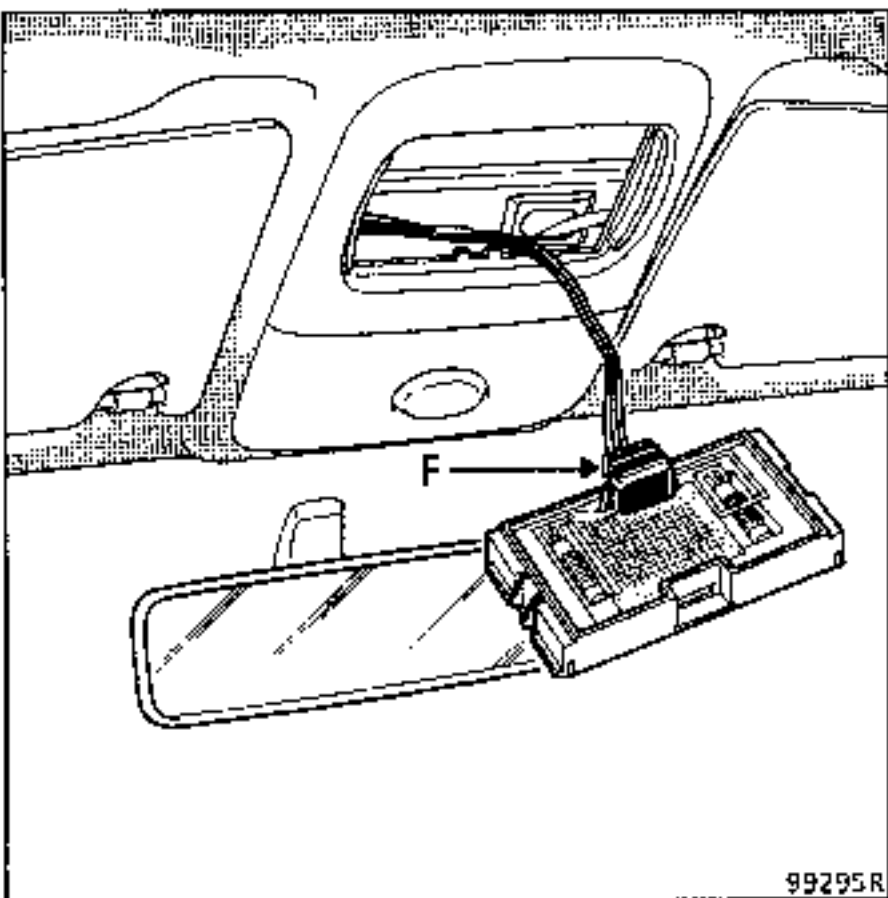
1st fitting



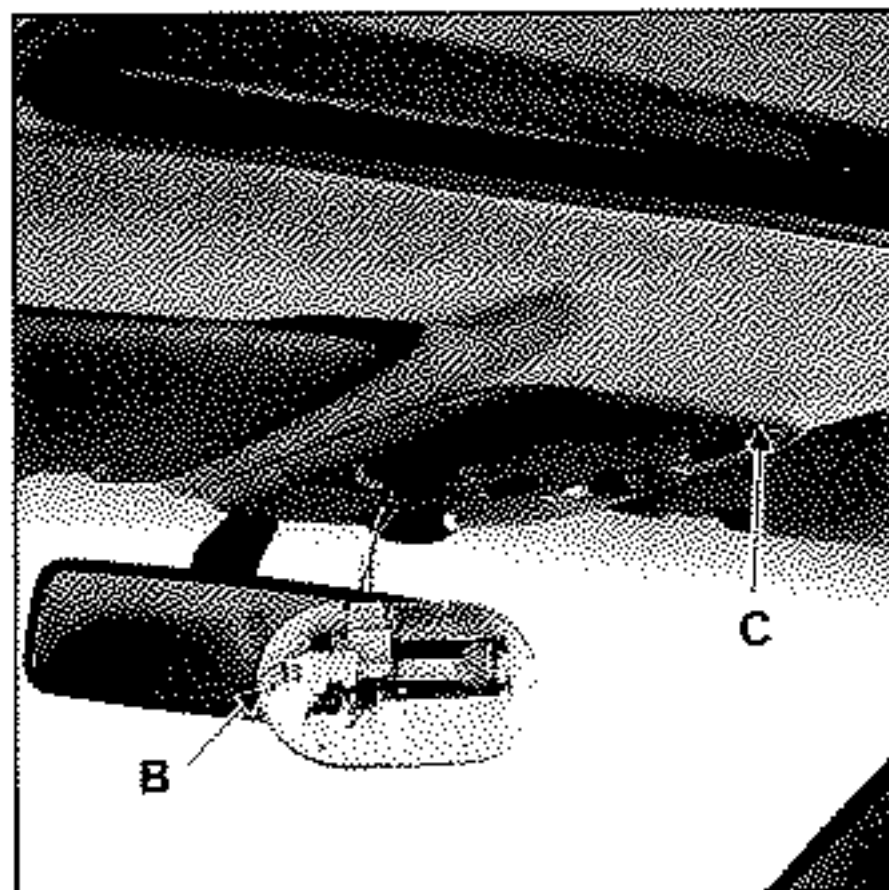
REMOVAL

Unclip the mounting for the lenses.

Press tabs (E) to release the courtesy light and disconnect the connector (F).



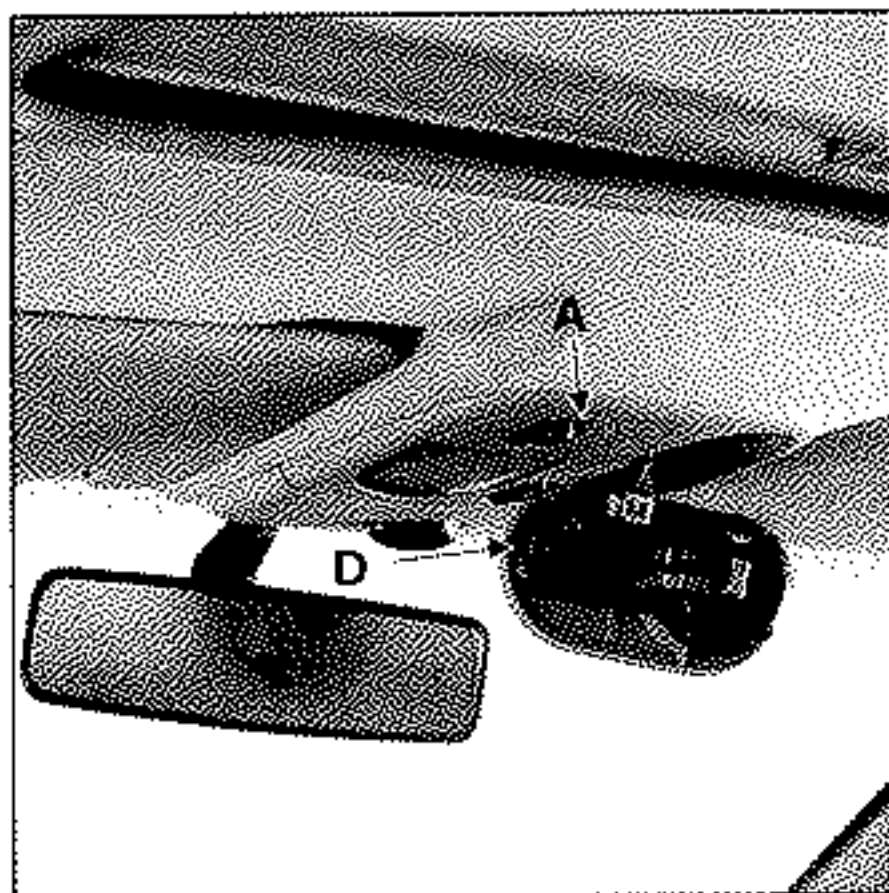
2nd fitting



REMOVAL

Unclip the lens mounting and the switch by sliding a small screwdriver in at lug (A) to press tab (B).

MAP READING LIGHT



REMOVAL

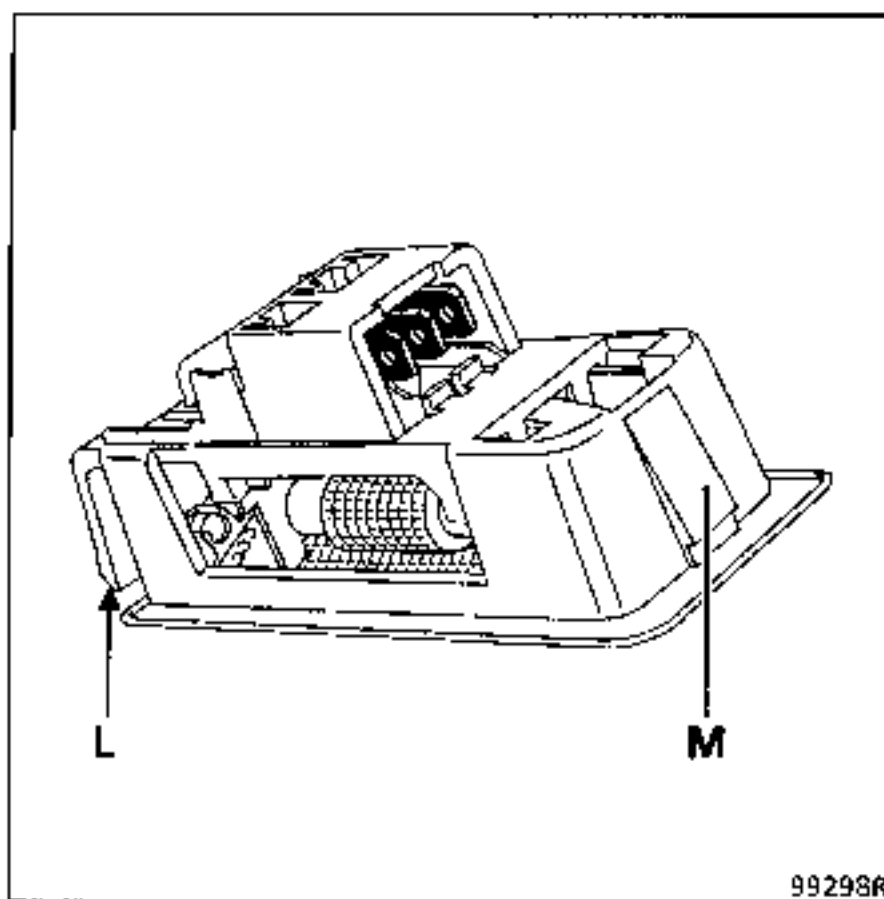
Unclip the map reading light mounting and the switch by sliding a small screwdriver in at lug (C) to press tab (D).

REAR COURTESY LIGHT

REMOVAL

To release the rear courtesy light, press tabs (L) by sliding a small screwdriver in at the special lugs.

Now release notch (M) at the front of the courtesy light and disconnect the connector.



ROOF CONSOLE

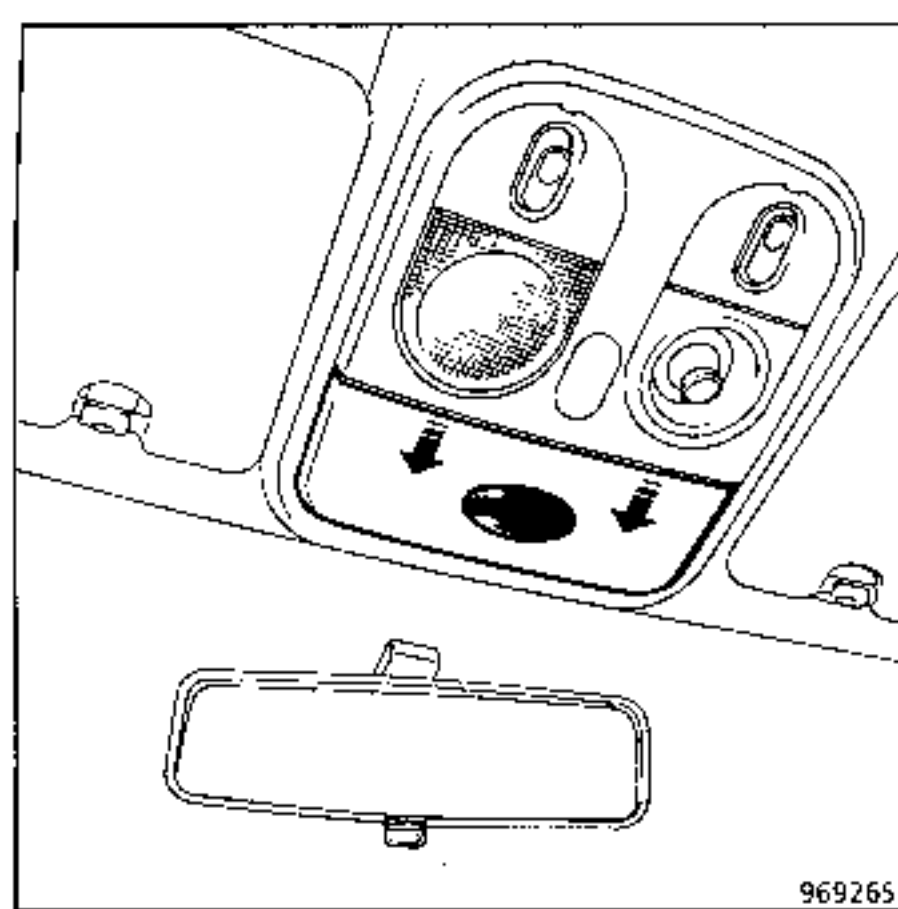
REMOVAL

Unclip the roof console plastic cover, by moving it forwards, which mounts the infrared receiver (if the vehicle is fitted with central door locking) to release the three notches (A).

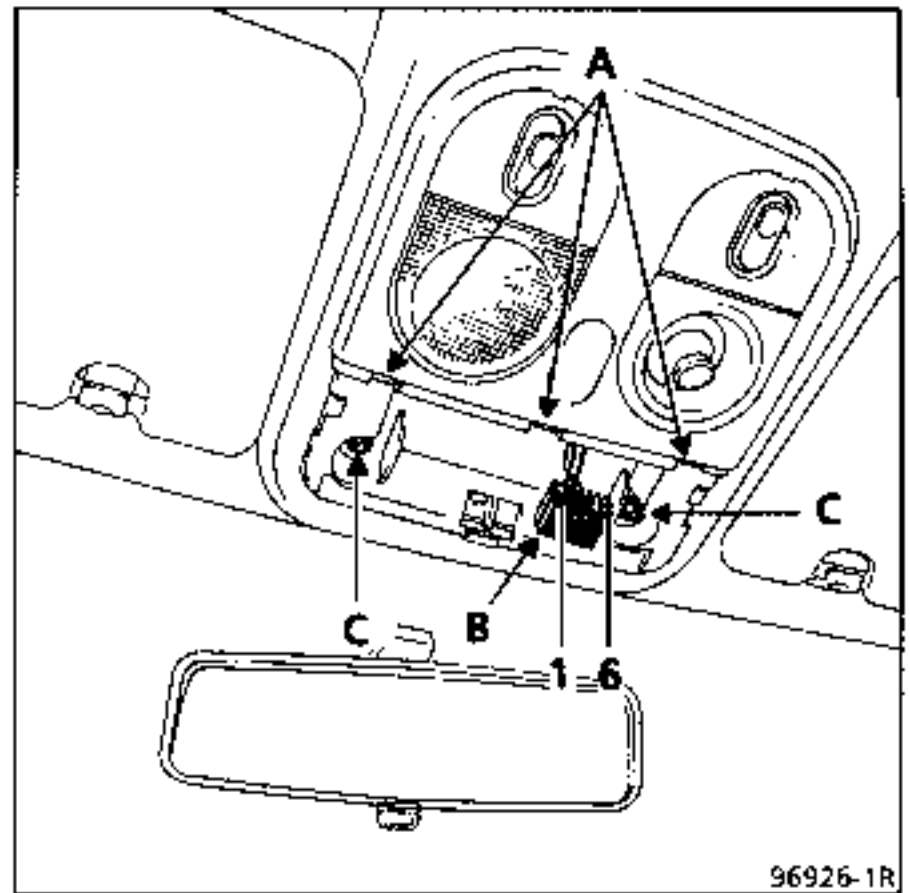
Disconnect the connector (B) if necessary and remove the cover.

Remove the 2 bolts (C) and release the roof console towards the front of the vehicle.

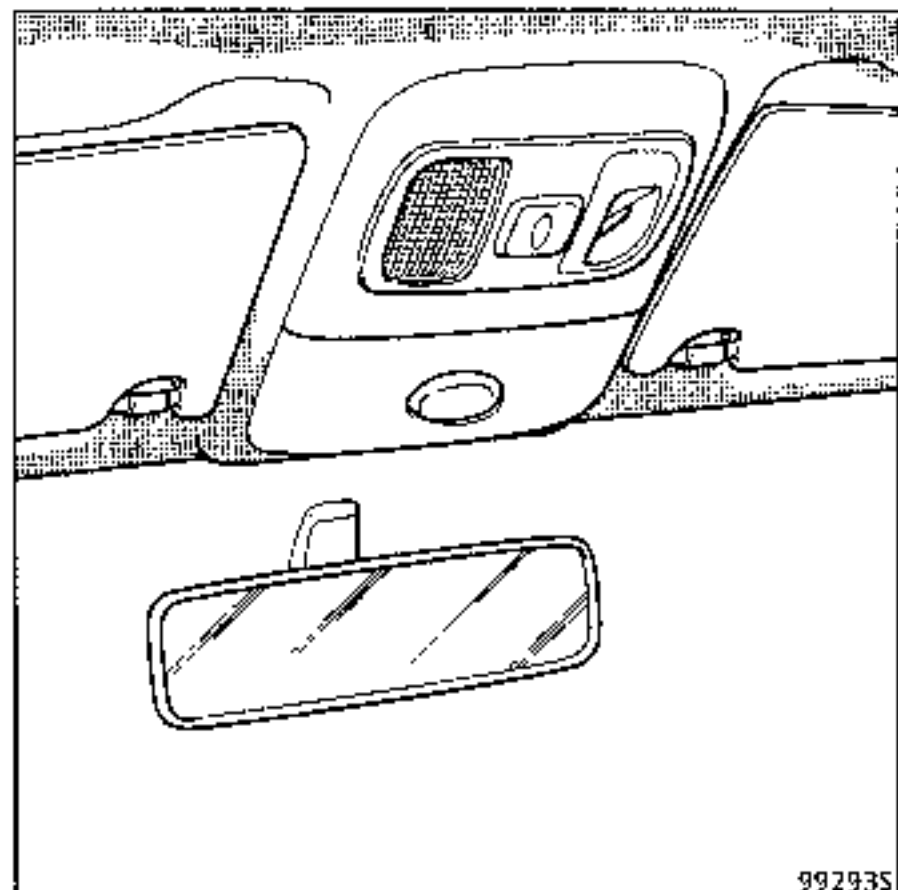
Disconnect the various connectors.



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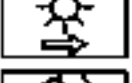
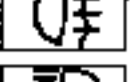
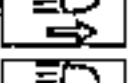
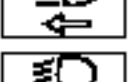
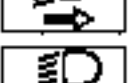




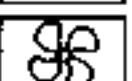




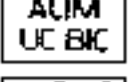


CONNECTIONS FOR CONNECTOR (B)
(all possible connections)

Track	Allocation
1	Ultrasound detector information
2	Ultrasound feed
3	Earth
4	Infrared receiver return
5	Infrared receiver feed
6	Not used

FUSE BOX (passenger compartment side)









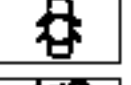




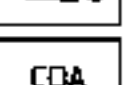
This fuse box is located in the passenger compartment on the driver's side.

Allocation of fuses (depending on equipment level)

Symbol	Rating	Allocation
	25	Heated rear screen
	15	Horn
	5	Anti-lock braking system (ABS)
	7,5	Left hand side light / glovebox
	7,5	Right hand side light / instrument panel
	5	Rear fog light
	10	Right hand main beam headlight
	10	Left hand main beam headlight
	10	Right hand dipped beam headlight / headlight adjustment
	10	Left hand dipped beam headlight/ headlight adjustment
	20	Dual headlight fuse *
	15	Instrument panel/ stop lights / memorised seat position / airbag / pretensioners
	15	Cigar lighter / radio / illumination of controls
	-	Not used
	20	Heating
	20	Cooling fan
	10	Headlight washers
	15	Interior and luggage compartment lighting
	15	Clock/ instrument panel lighting / radio / memorised seat position
	5	Connection unit/ remote control/ alarm / engine immobiliser system
	5	Injection

*ATTENTION : do not fit if the vehicle is only fitted with single headlights (the lens unit will be damaged by the heat from the bulb when dipped or main beam headlights are switched on).

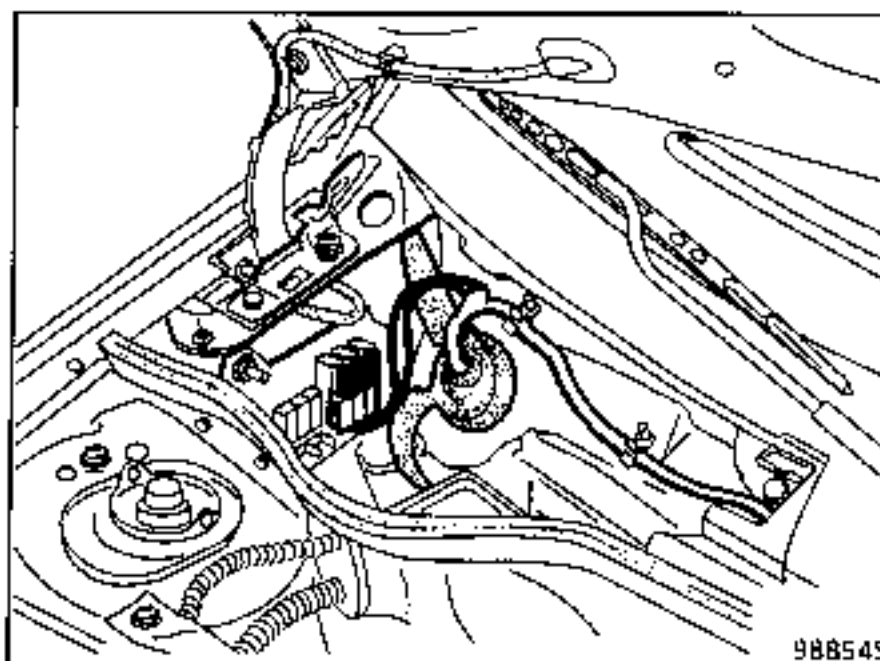
Allocation of fuses (depending on equipment level) (continued)

Symbol	Rating	Allocation
	15	Flasher unit
	20	Electric seat adjustment
	20	Sunroof
	25	Electric windows
	15	Windscreen wipers
	15	Heated seats
	25	Driver's seat position memory
	7,5	Heated external rear view mirrors
	20	Central door locking
	15	Front fog lights
	30	Consumer cut-out
	15	Reversing lights/ rear screen wiper/ rear screen washer/ heated windscreen
	-	Not used
	-	Not used

NOTE : to determine the exact position of the fuses, refer to the vehicle label or the Wiring Diagram Technical Note.

FUSE / RELAY UNIT (engine side)

- Unit located in the scuttle panel, battery end.

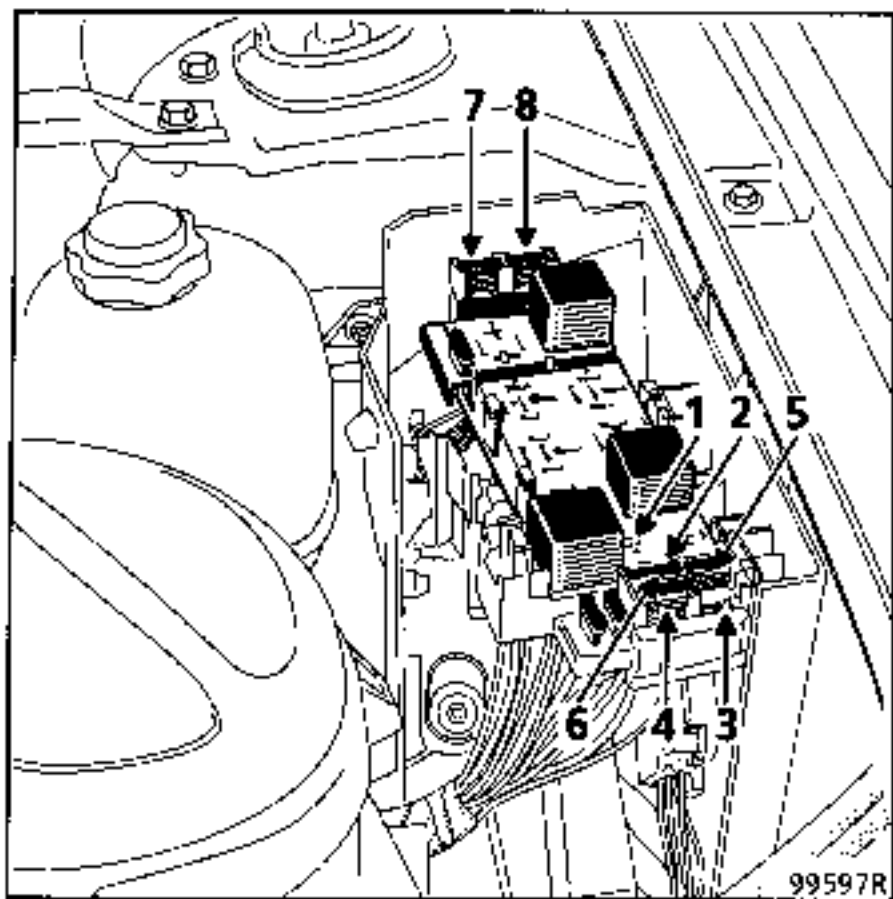


Allocation of fuses (depending on equipment level)

Base colour	Rating	Allocation
Brown	30/70	Petrol injection (30A) / diesel preheating (70A)
Black	40	Air conditioning
Green	60	Connection unit feed
Orange	60	Connection unit feed and lights / wipers stalks
Orange	60	Ignition switch and lights / wipers stalks and wiper motor

FUSE / RELAY UNIT (engine side) (continued)

- Unit located on left hand side of engine compartment



Allocation of fuses (depending on equipment)

Reference	Rating	Allocation
1	-	Not used
2	40	Air conditioning fan (vehicle with air conditioning)
3	-	Not used
4	7,5	+ after ignition alternator regulator/ speed sensor
5	25	180 Watt cooling fan (vehicle without air conditioning)
6	7,5	+ after ignition injection pump relay/ injection computer
7	5 / 2	+ after ignition automatic transmission/ + after ignition automatic clutch relay
8	5 / 30	Reversing lights (automatic transmission) / automatic clutch pump assembly

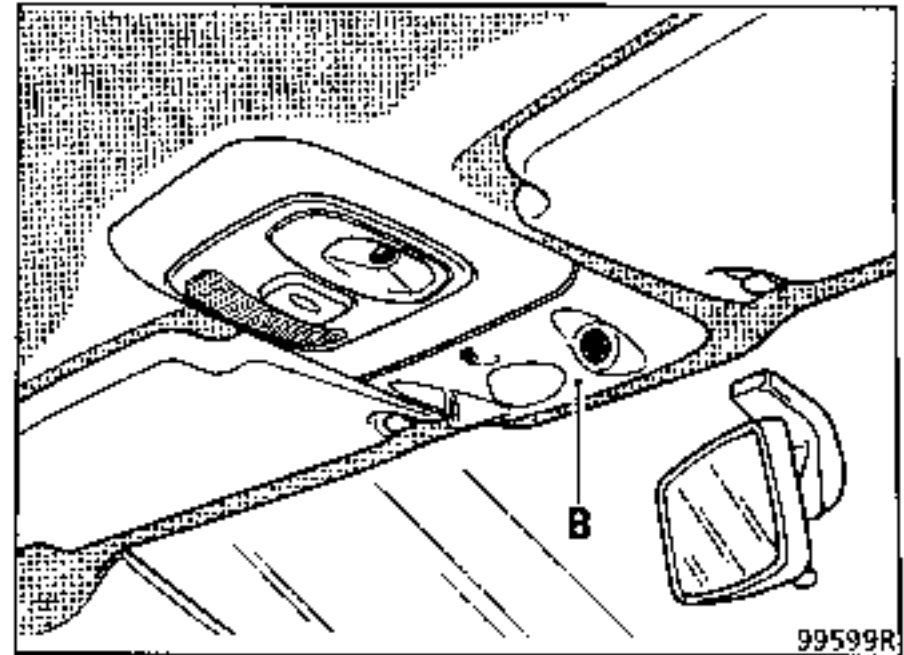
DESCRIPTION

The burglar alarm comprises :

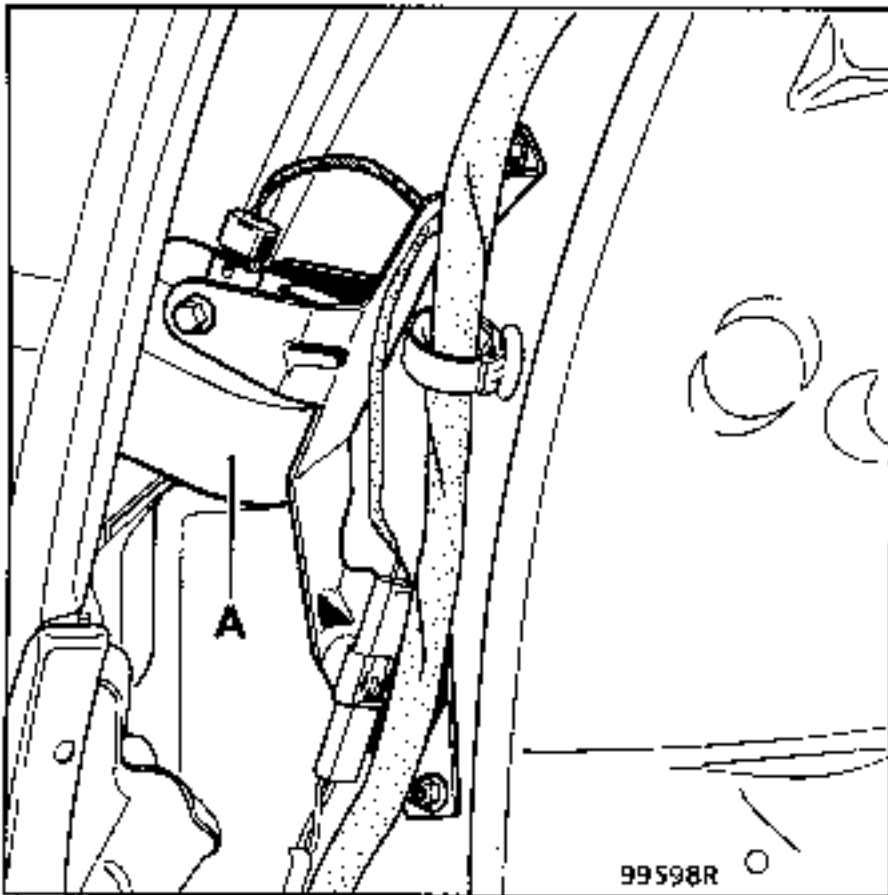
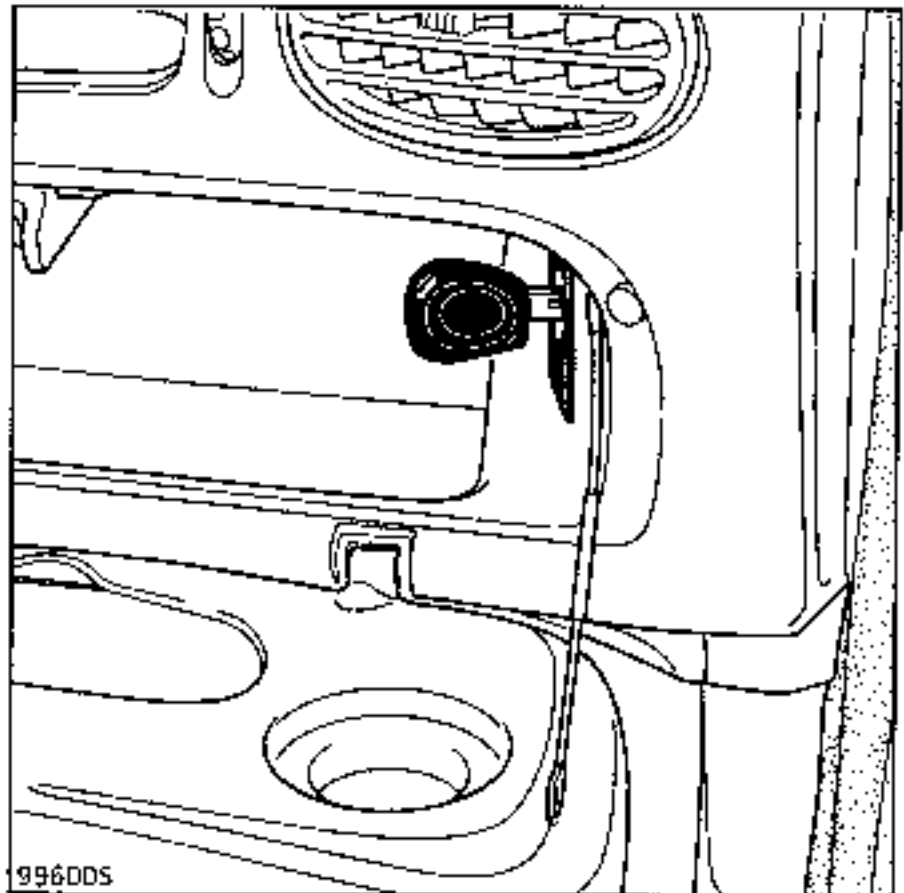
- an auto-fed siren,
- a volumetric detection unit (ultrasound) plus a warning light to show the alarm is set,
- a lock to turn the alarm function on and off,
- a computer which controls the alarm function, integrated into the passenger compartment connection unit.

LOCATION OF THE COMPONENTS

The auto-fed siren (A) is mounted on a metal bracket under the front left hand wheel arch.



The lock for turning the alarm function on and off is located on the right hand side of the glovebox. The ignition key is used in the lock (the lock is located on the left hand side of the boot for the A0X).



The volumetric detection unit (B) is located in the roof console with the PLIP receiver and the alarm warning light.

LEGEND :

Initial state	=	Uncoded
Passenger compartment connection unit	=	Combined B.I.C./Decoder/Fuse box