

Vehicle type	Engine		Clutch type	Manual gearbox and automatic transmission type
	Type	Capacity		
JA0F	K7M 702 K7M 703	1 598	200 HR 4 000 —	JB3 AD4
JA0Y JA0K	F8Q 784	1 870	200 HRV 4 600	JC5
JA0E	E7J 764	1 390	180 DST 3 050 180 CP 3 300	JB1
JA0G	F3R 750 F3R 751	1 998	215 HRN 4 000	JC5
JA0L	K7M 720	1 598	200 HR 4 000	JB3

## VEHICLE IDENTIFICATION

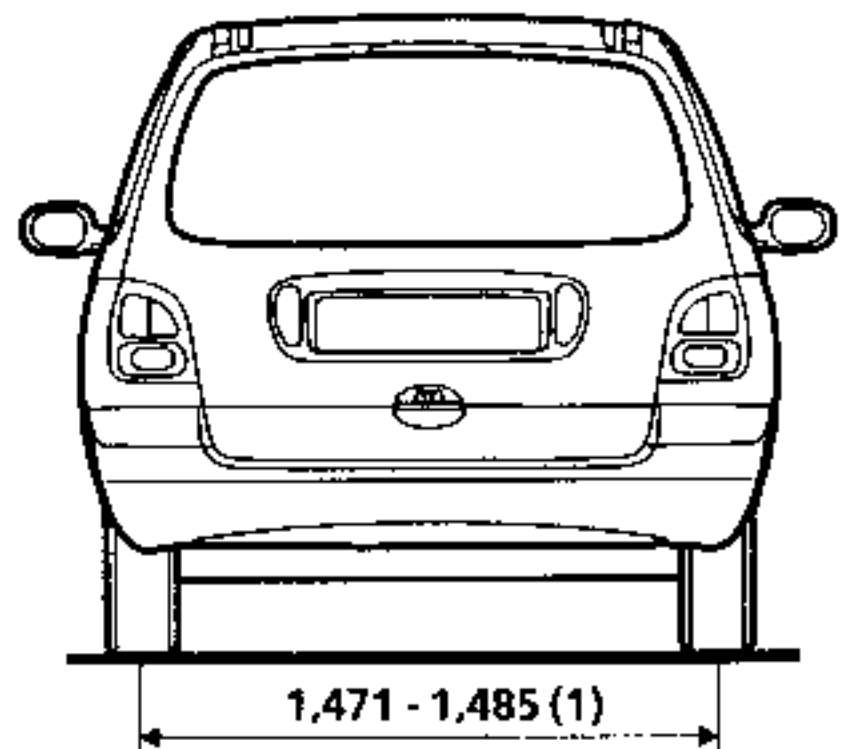
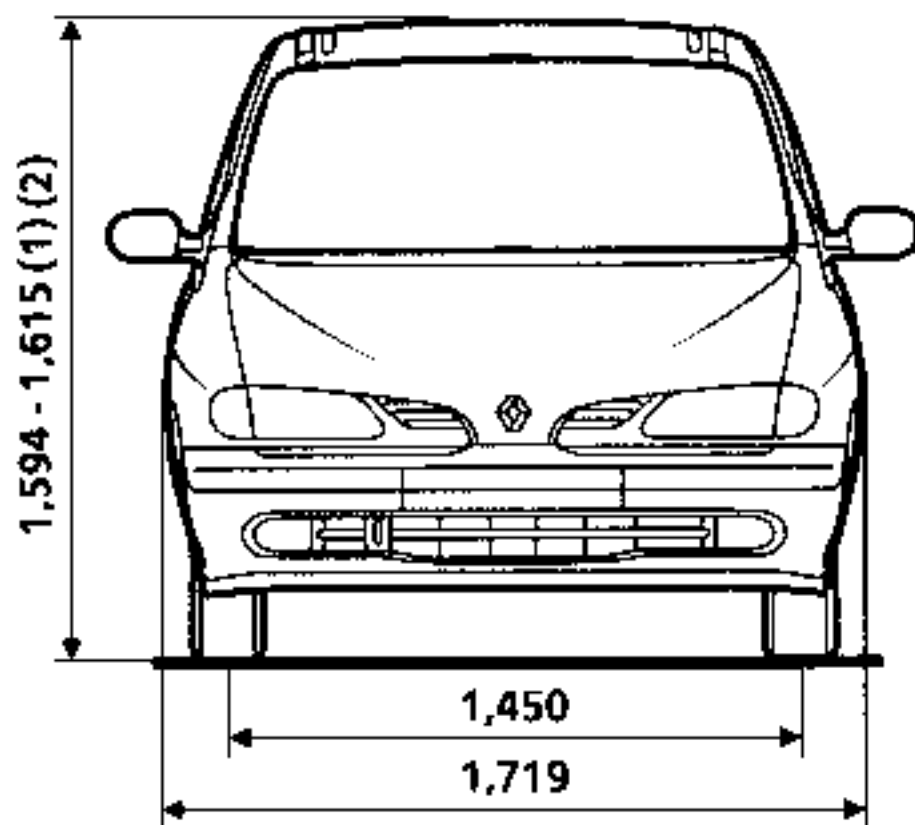
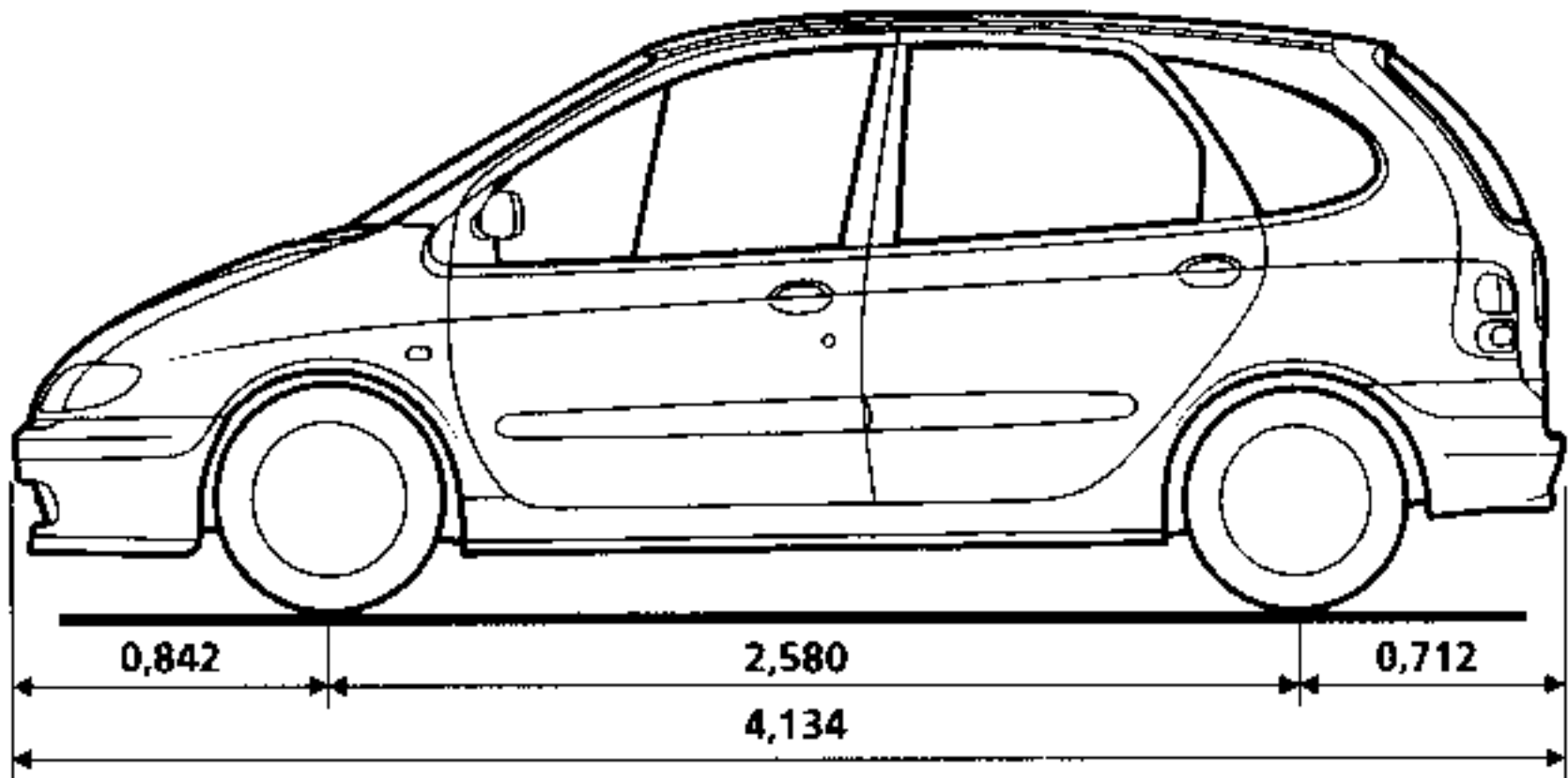
Example : **JA0E**

- J** : Bodywork type (example, 5 door monocoque)  
**A** : Project code (example 64)  
**0E** : Engine suffix (example E7J 764)

## SPECIAL BODYWORK EQUIPMENT

	Equipment E2	Equipment E3
Roof bars	O	O
Double manual sunroof	O	
Double electric sunroof		O
Rear seats with adjusting base	O	O
Fog light		S
Driver's airbag	O	S
Passenger's airbag		O
3 rear head restraints	O	S

O = Option  
S — Standard



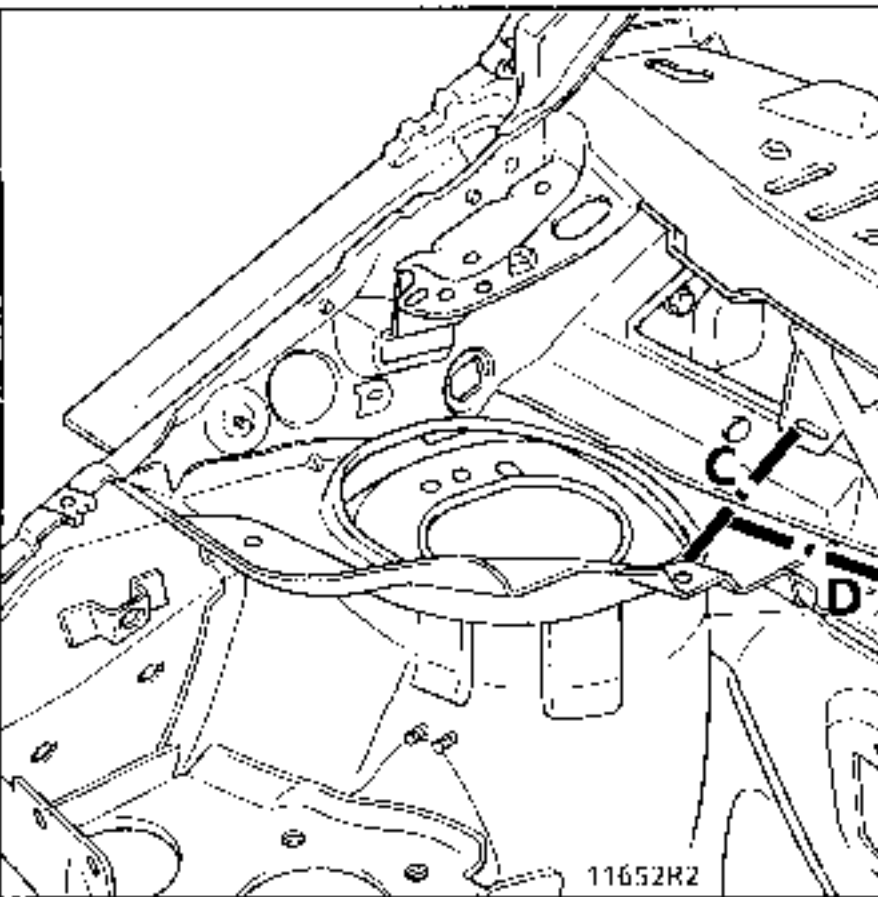
99656R

Dimensions in metres.

Turning circle between walls: 11.20 m

(1) Depending on version

(2) Unladen - for vehicles with roof bars, add 0.750 m

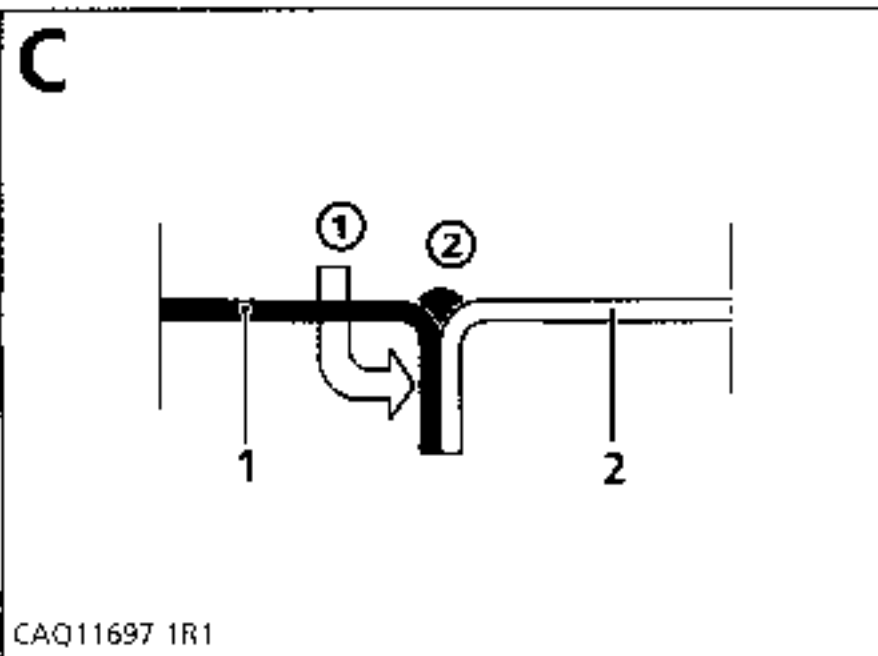


**C**

— Cutting line for drawing below.

The dot marks the exact location of the joint.

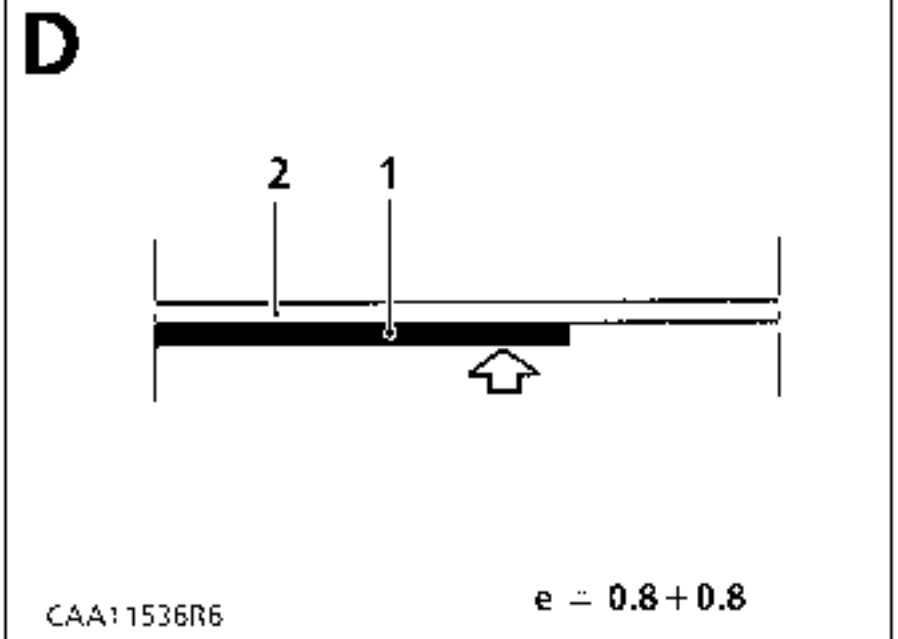
The letter denotes the drawing corresponding to the section (see below).



**C**

— The black part will be removed in the operation.

1 and 2 are references of parts corresponding to the list on the introductory page.



$e = 0.8 \times 2$  are the thicknesses of sheets to be spot welded

→ This arrow shows the access side for unpicking the spot welds.

↪ This arrow shows that the part which the arrow crosses must be cut out before the join is reached.

They also show the logical sequence of operations for the symbols below.

site of operation and logical sequence

→ unpick spherical burr

→ using spot weld

← type of arm

site of operation and logical sequence

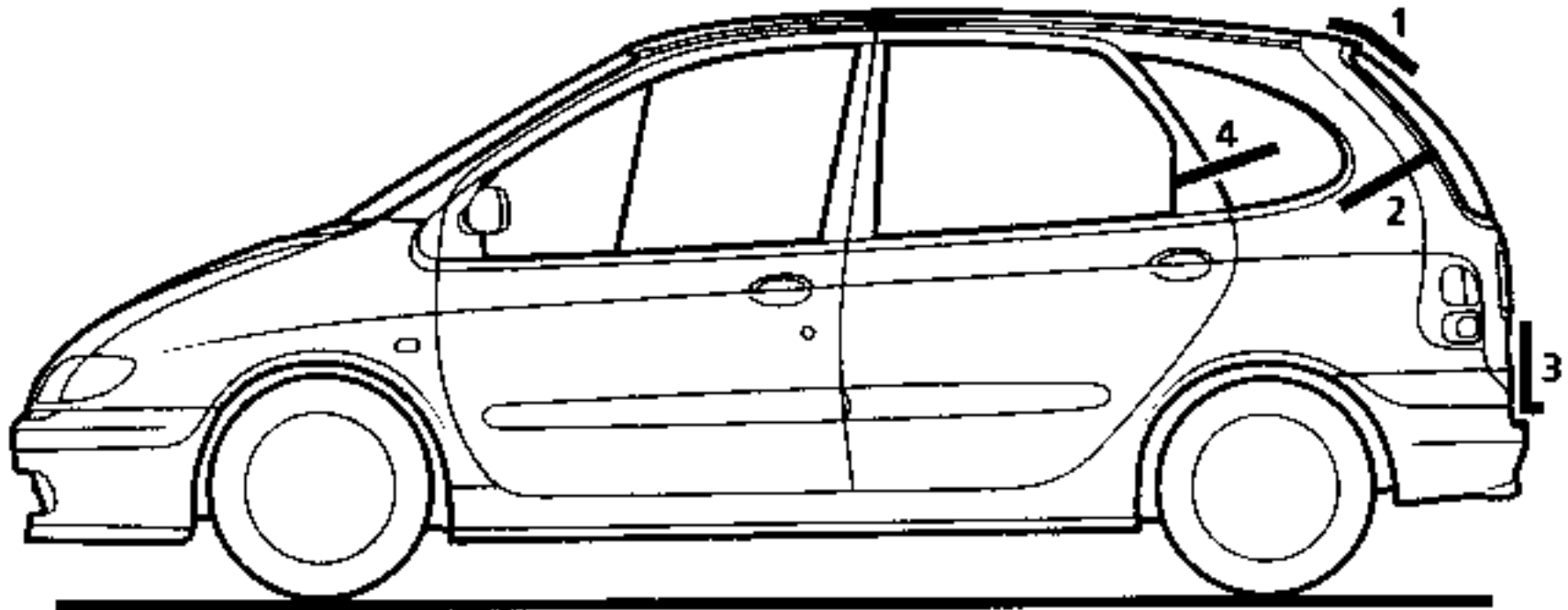
→ first action

→ unpick by grinding

→ apply weld bead

→ second action

cut with chisel in flange



99656R2

1

6.5

13

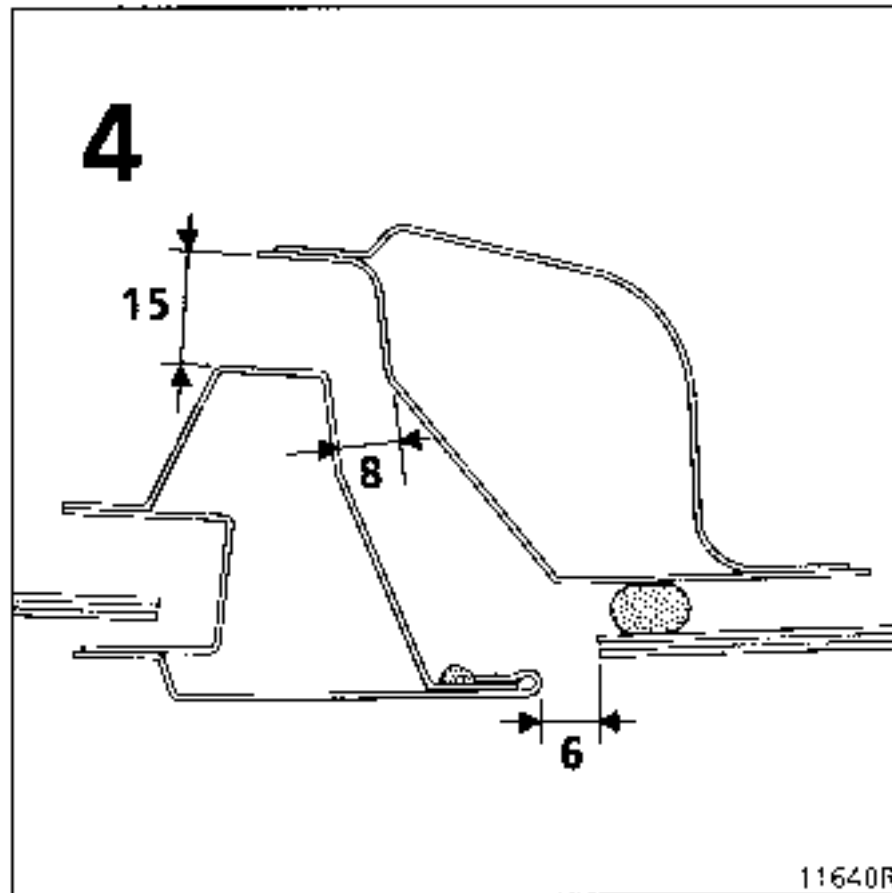
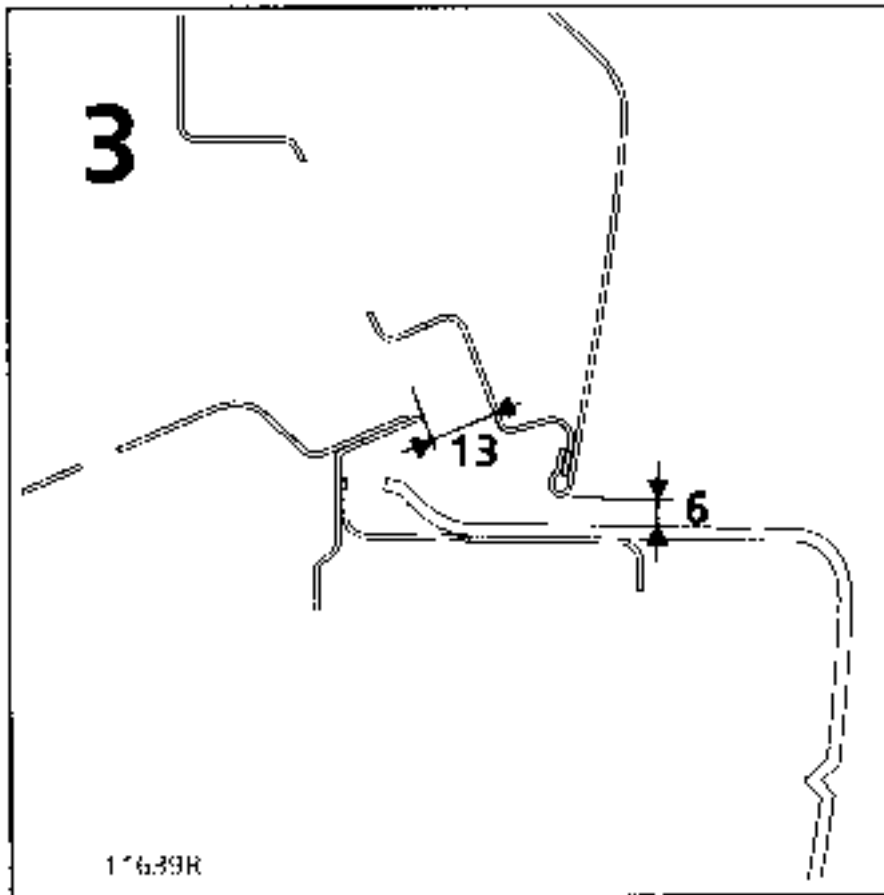
11641R

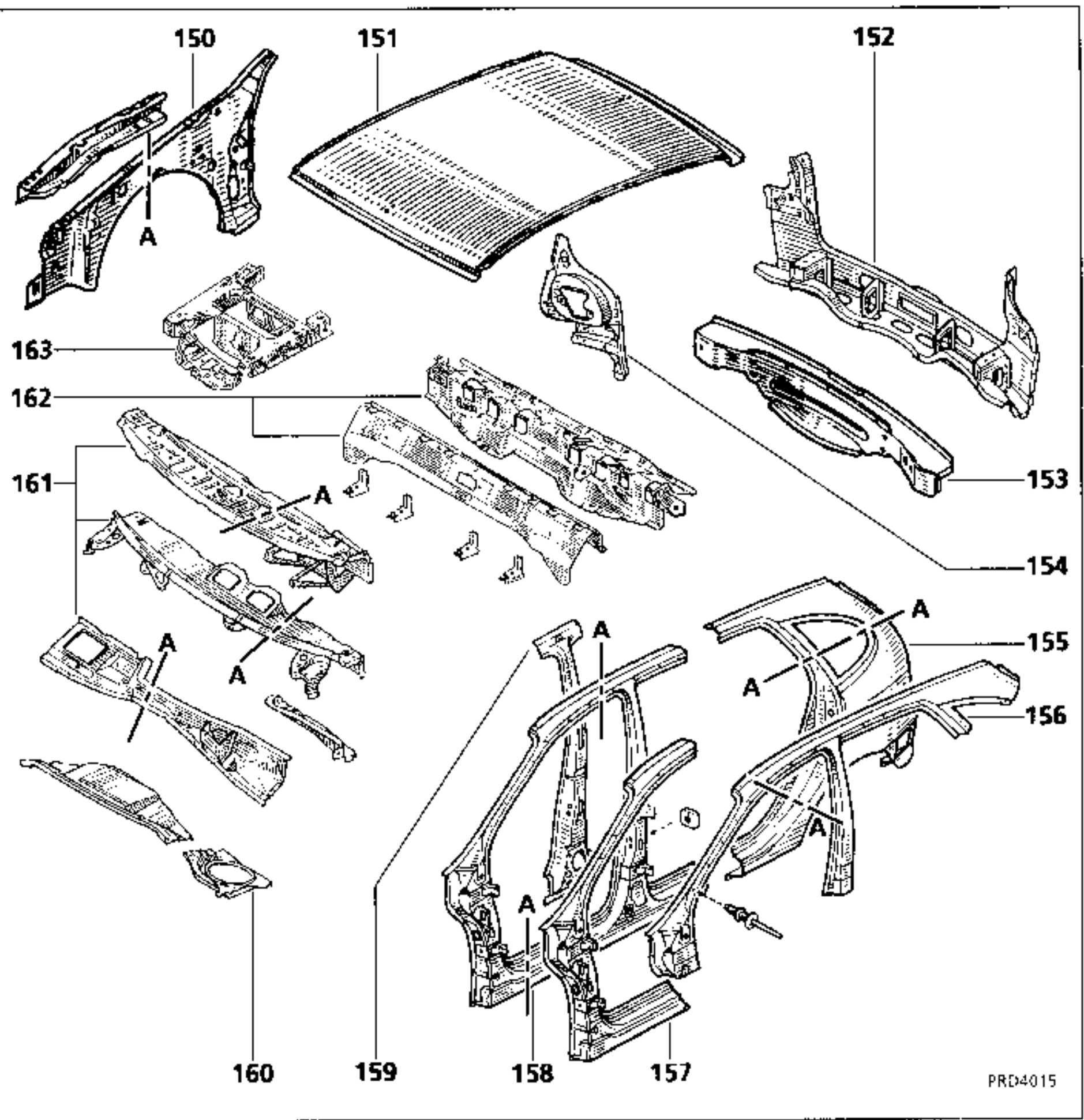
2

13

5

11638R



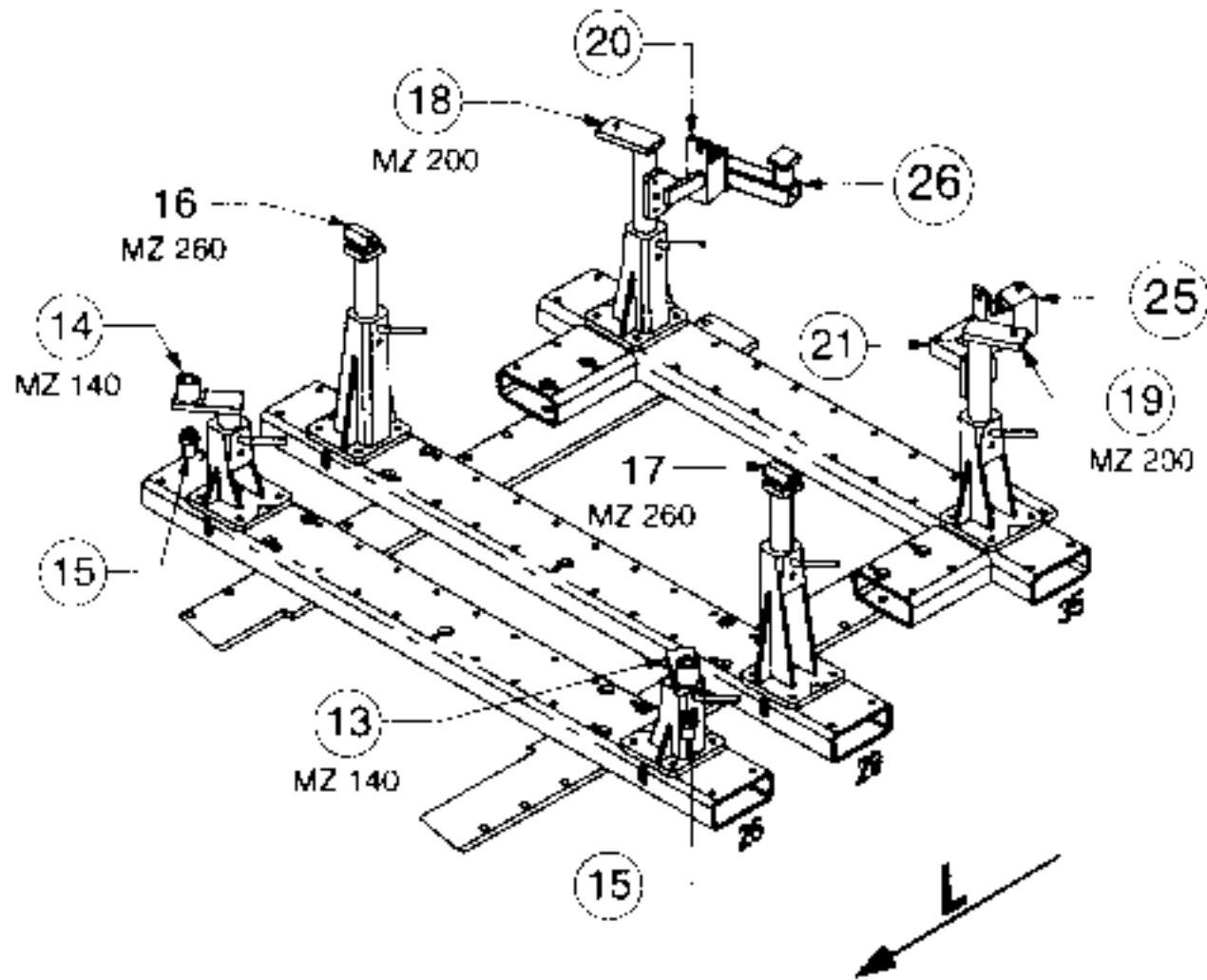


PRD4015

150	Front pillar lining (cowl side panel)	* 157	Front pillar
* 151	Roof	* 158	Centre pillar
* 152	Rear end panel	159	Centre pillar reinforcement
* 153	Rear cross member	* 160	Side plenum chamber
* 154	Lights mounting panel	* 161	Windscreen aperture lower cross member
* 155	Wing panel	162	Rear seat adjusting bases
* 156	Body top panel	163	Front seat adjusting base

\* Parts requiring repaired areas to be electro-zinc plated.

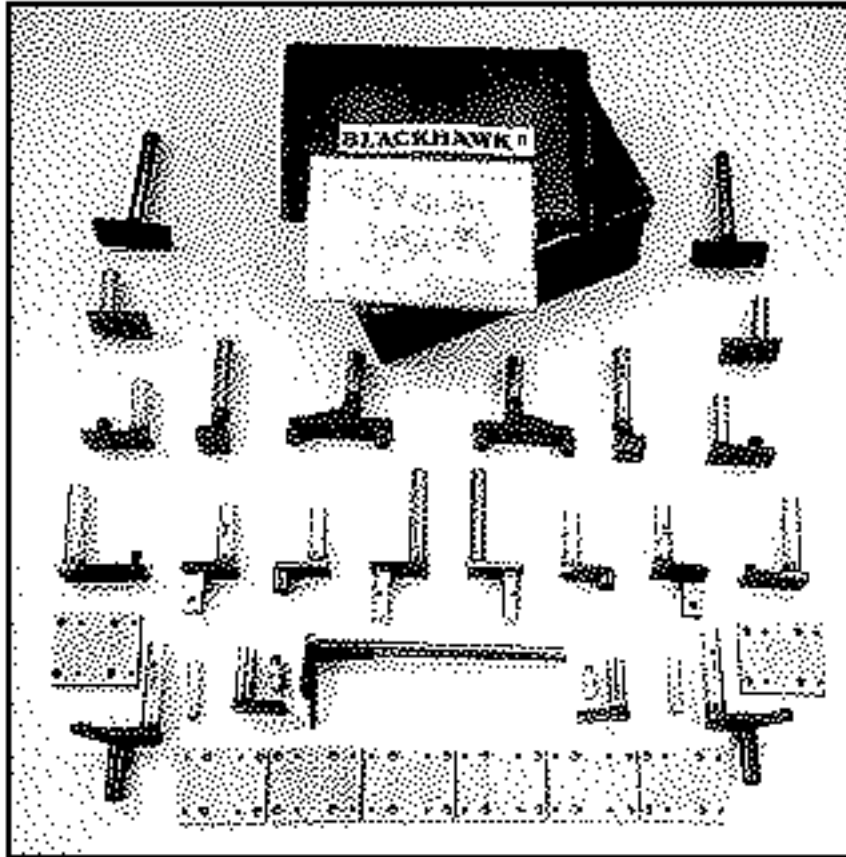
Position of CELETTE equipment



PRD4016

PART NUMBERS FOR SPECIAL TOOLING

BLACKHAWK



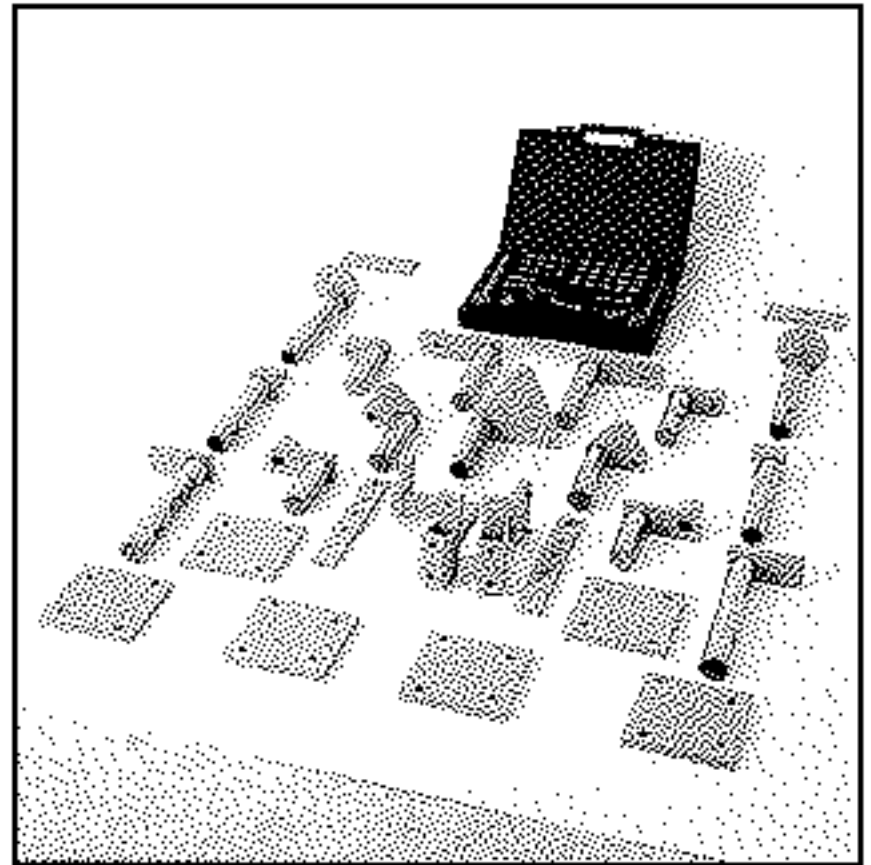
Special heads for **System MS**

Order from: Consult your After Sales Head Office.

Supplier's Part Number: REN 87995  
for base components for B and D64.

**NOTE :** there are no special additional parts for each vehicle - the basic kit REN 87995 contains everything required.

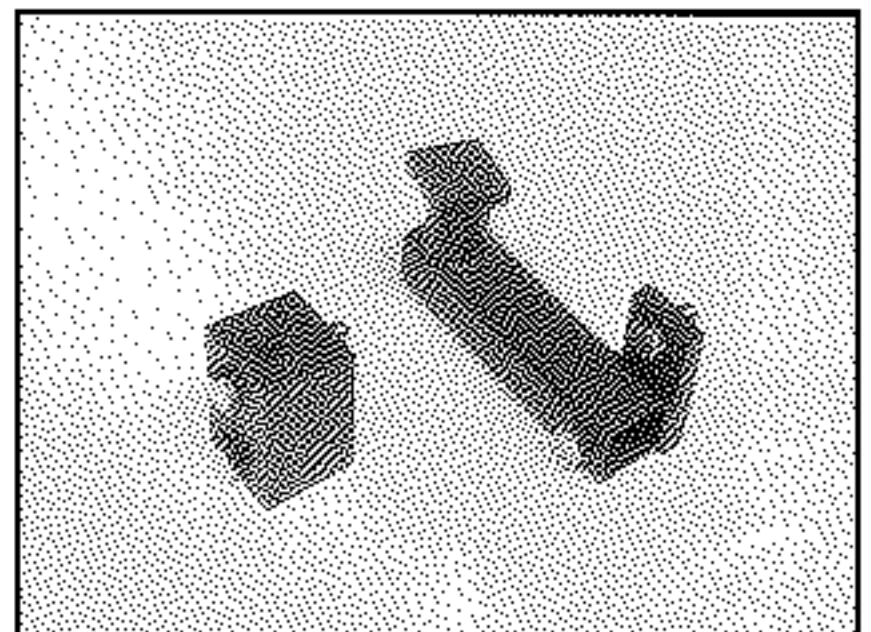
CELETTE



Special heads for **System MS**

Order from: Consult your After Sales Head Office.

Supplier's Part Number: 715.310  
for base components for B and D64.



Addition for J64  
Celette : 715.308

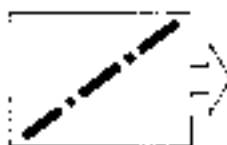
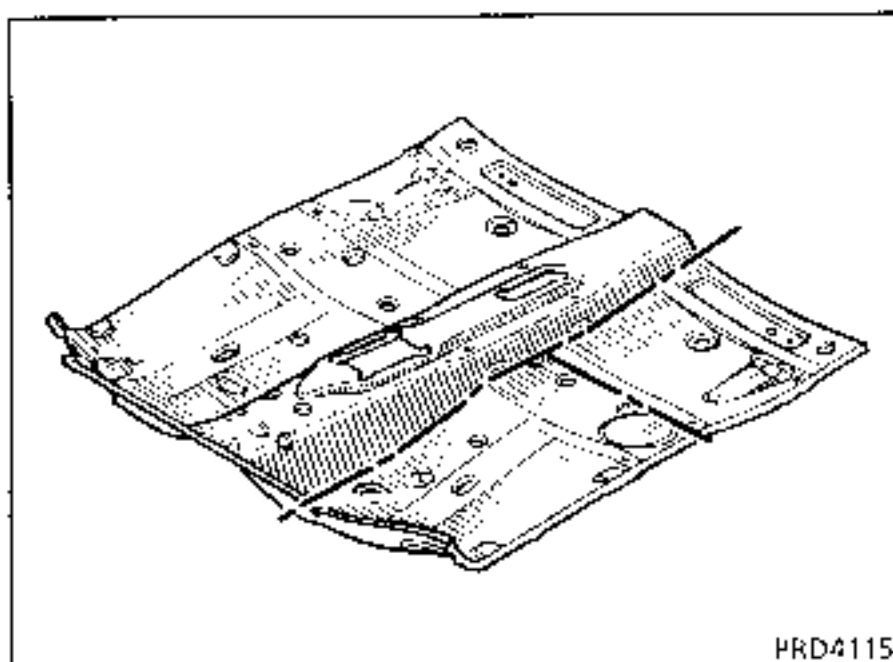


## INTRODUCTION

The replacement of this part is a complementary operation to the replacement of a front pillar or a sill panel for a side impact.

## COMPOSITION OF PART FROM PARTS DEPARTMENT

Single part, identical to B64



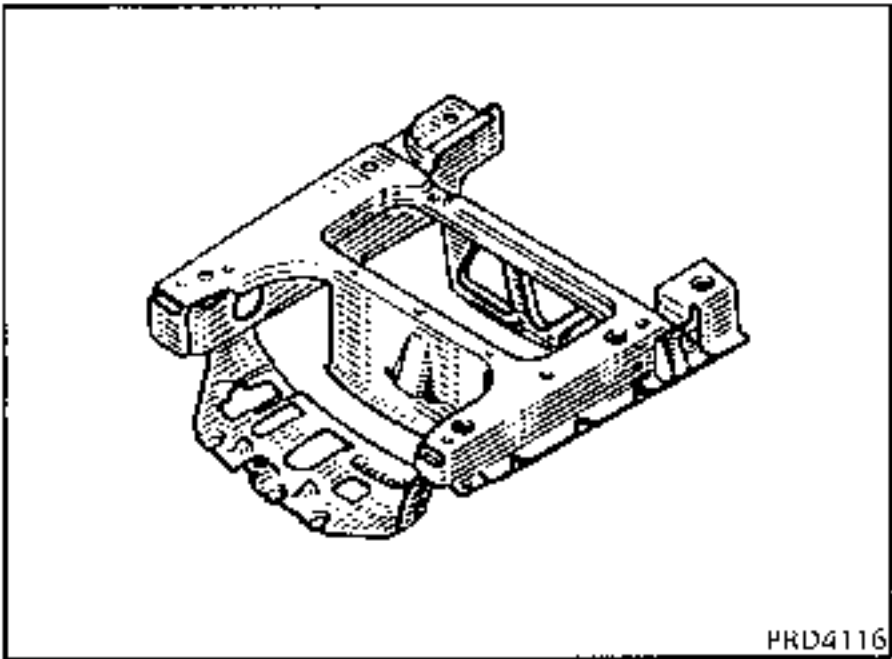
**NOTE :** after removing the front seat adjusting bases, the replacement of the front centre floor is identical to that for the B64.

**INTRODUCTION**

The replacement of this part is a complementary operation to the replacement of the sill panel with closure panel and the cross members under the front seat for a side impact.

**COMPOSITION OF PART FROM PARTS DEPARTMENT**

Part assembled with welded nuts and battery mounting for right hand side.

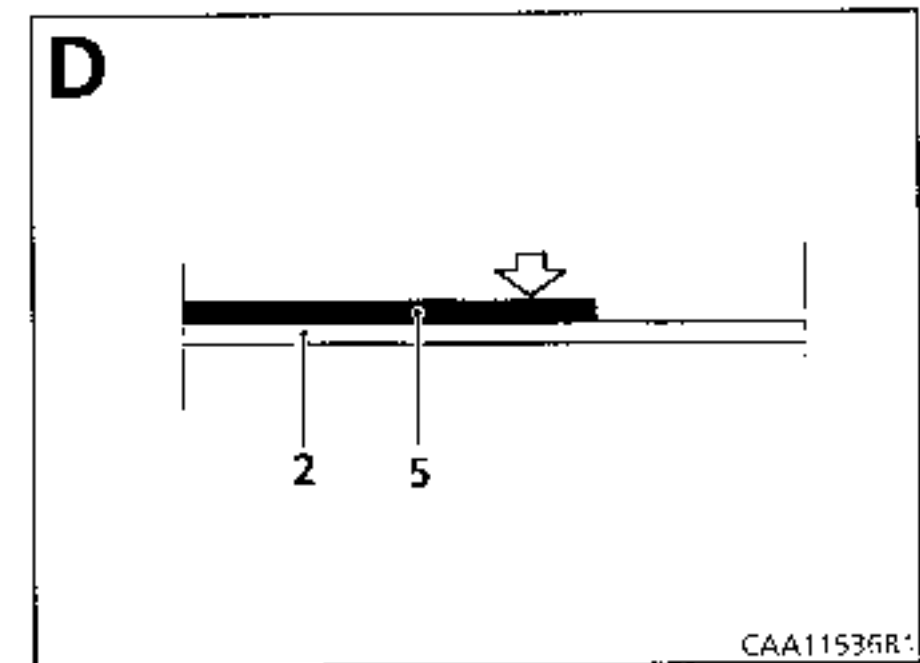
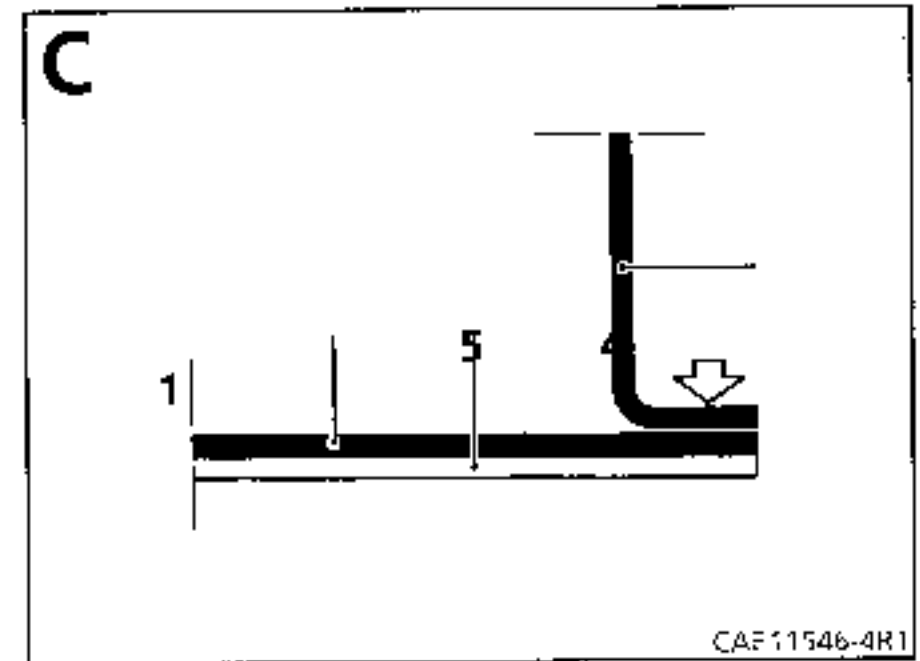
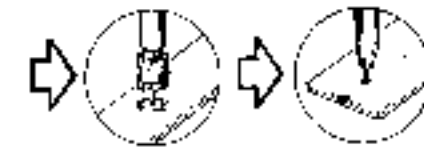
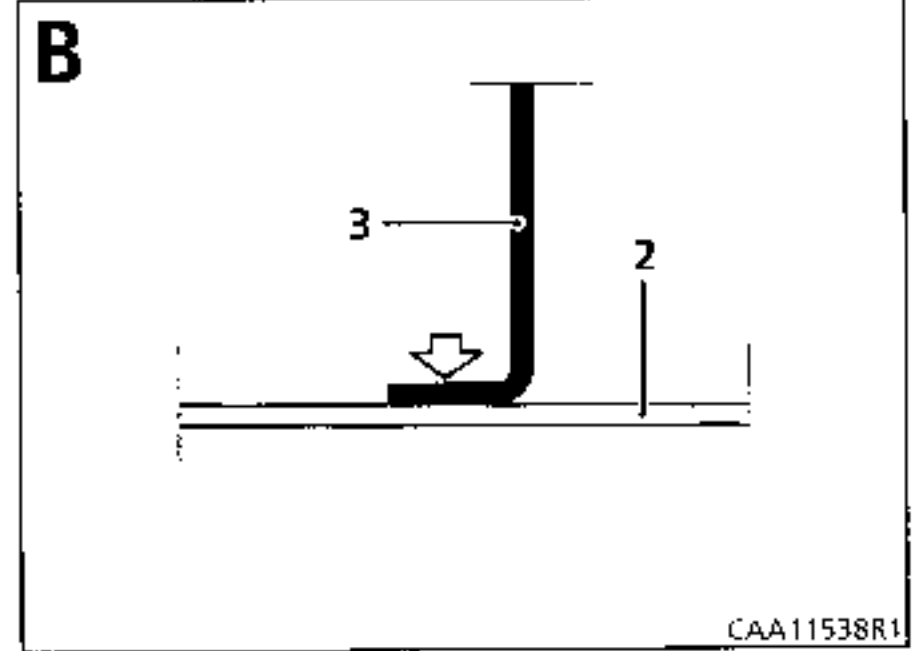
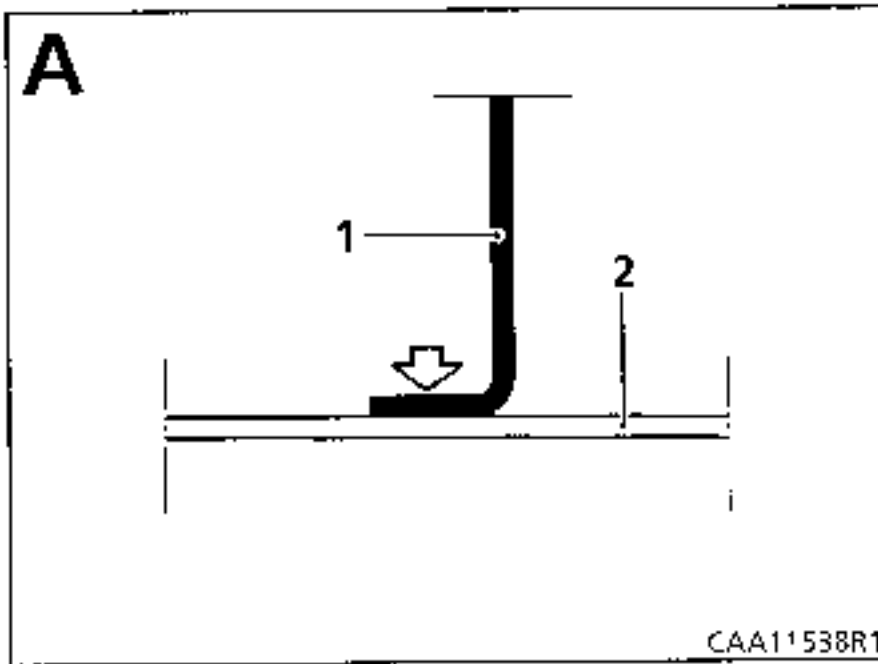
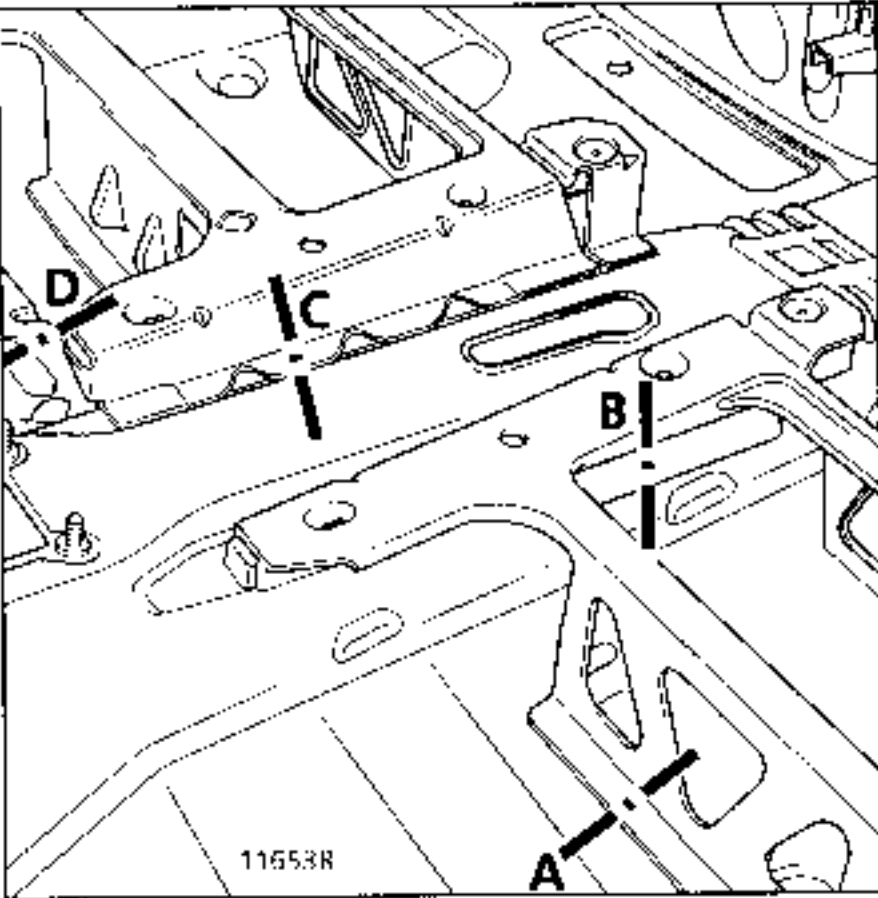


**JOINTS WITH:**

Floor

**PARTS CONCERNED:**

1	Adjusting base	1.5
2	Floor	0.7
3	Adjusting base bracket	1
4	Adjusting base closure panel	1
5	Battery mounting (right hand side)	1

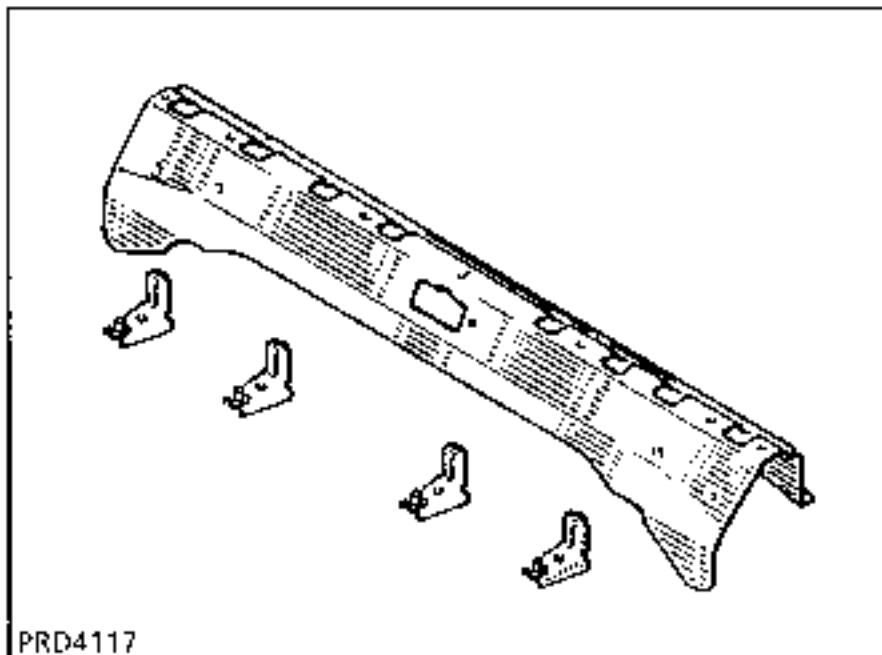


## INTRODUCTION

The replacement of this part is a complementary operation to the replacement of the rear floor front section for a rear side impact.

## COMPOSITION OF PART FROM PARTS DEPARTMENT :

Part assembled with welded nuts.

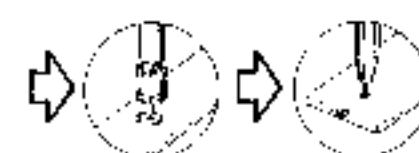
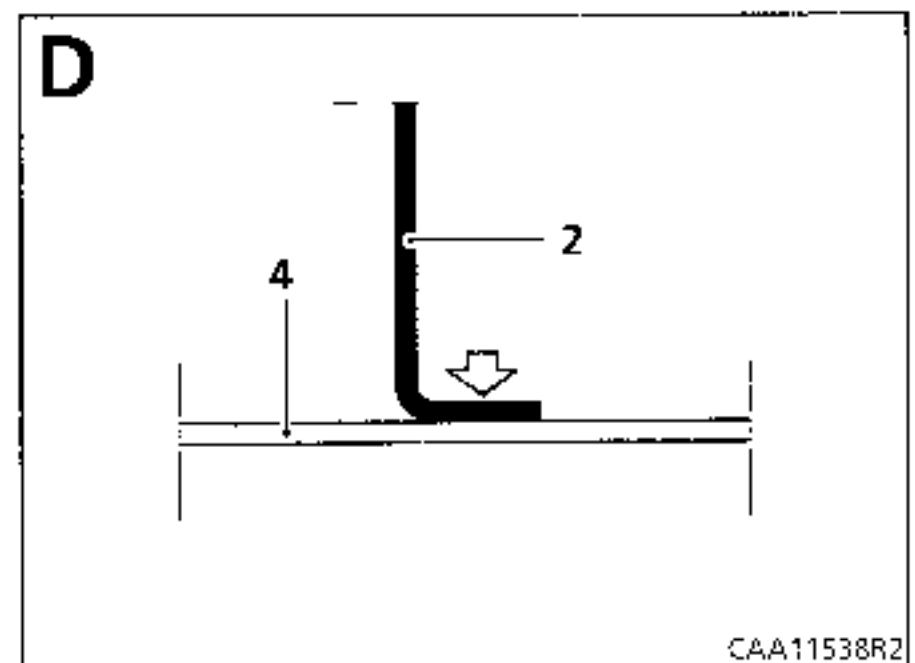
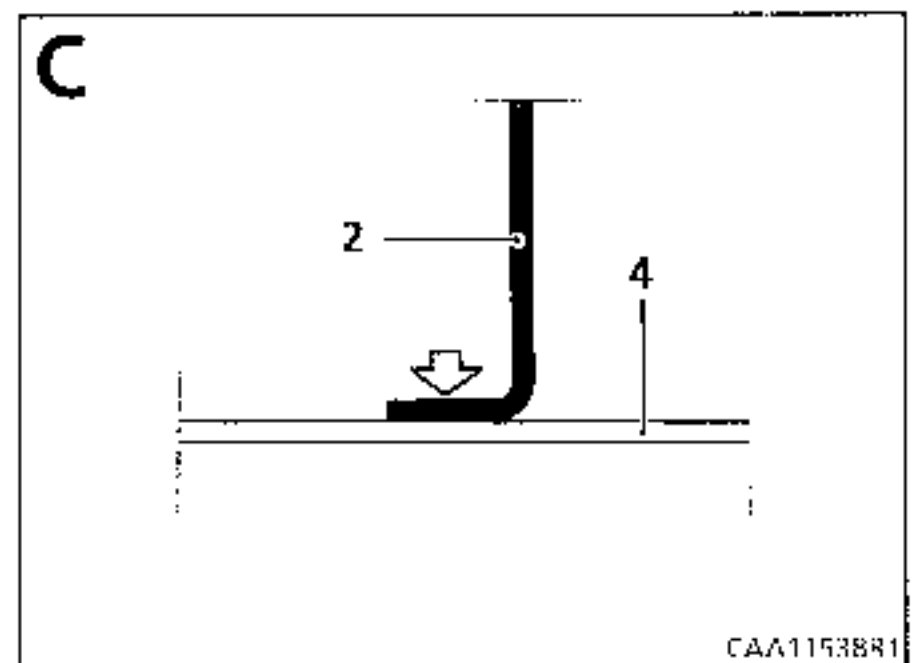
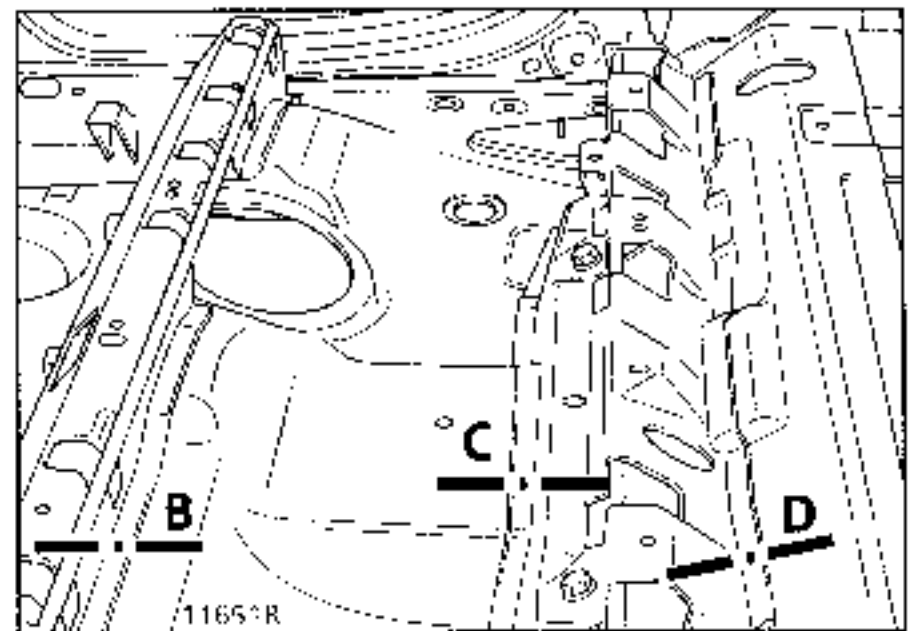
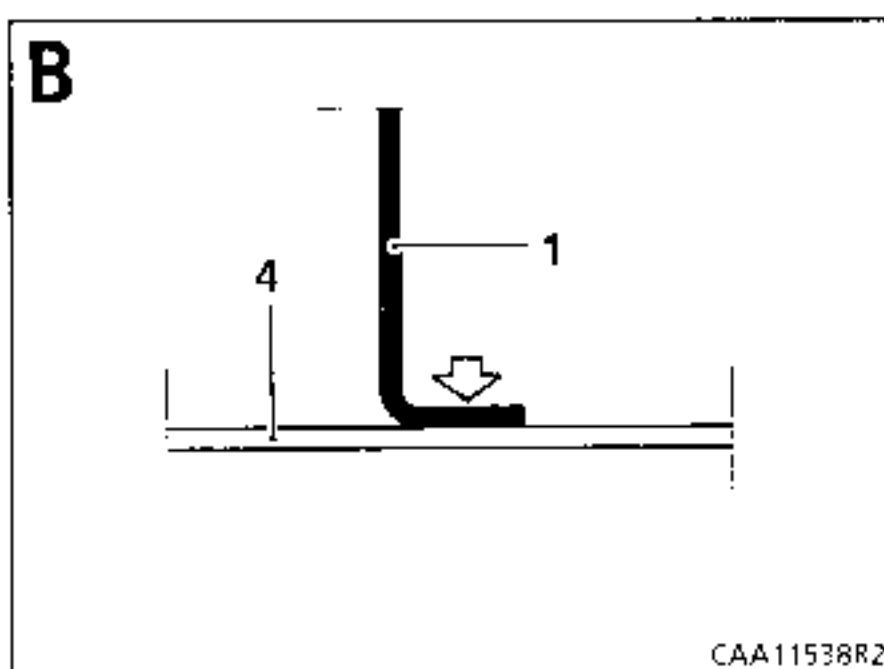
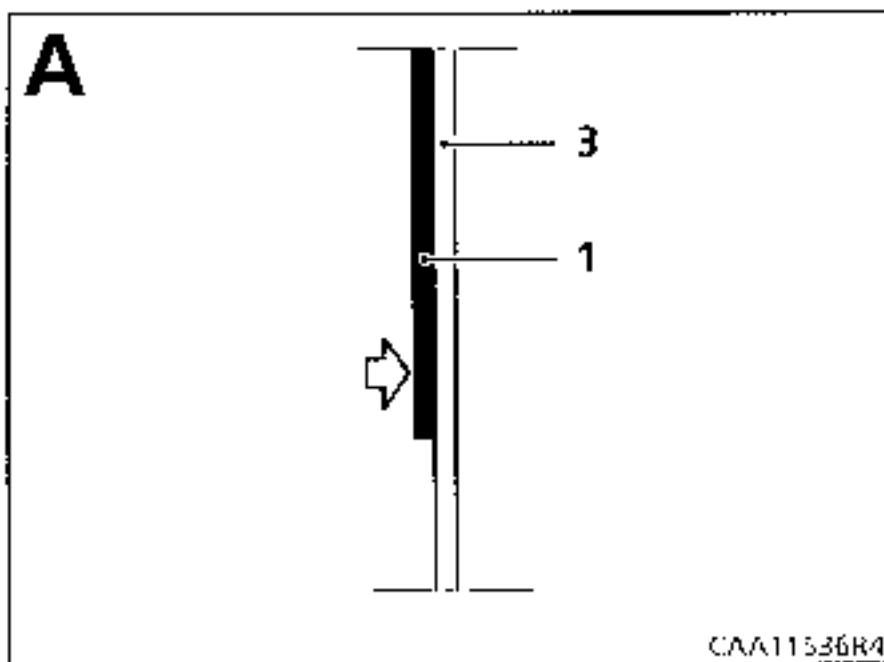
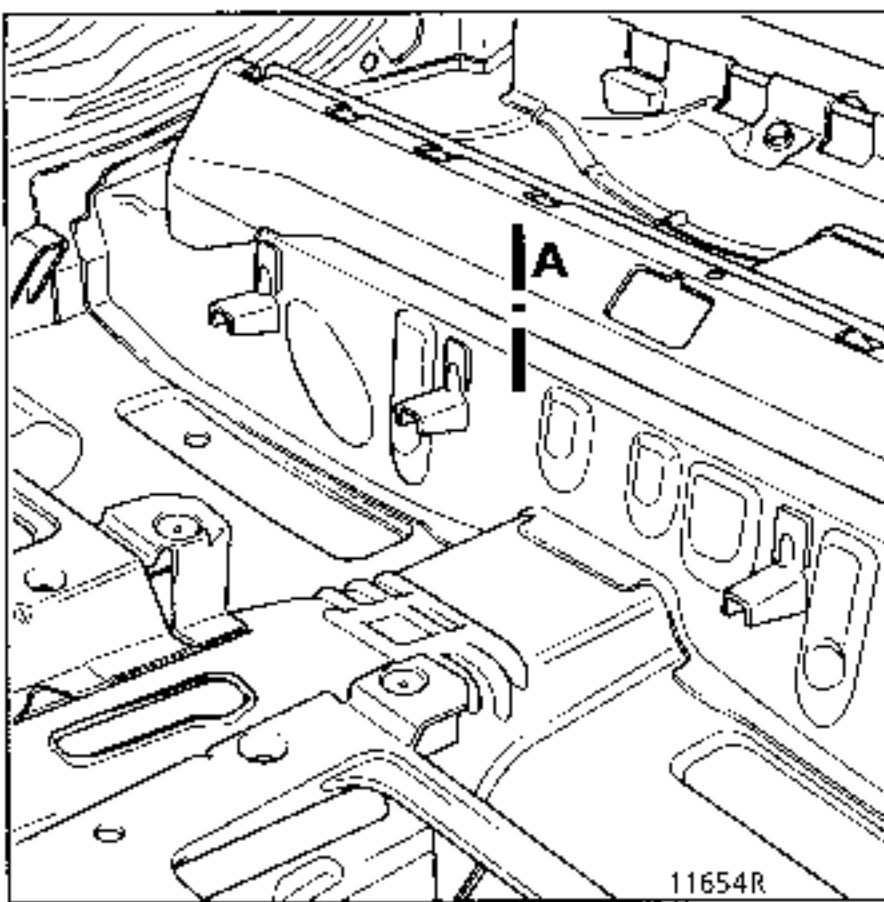


## JOINTS WITH:

Cross member  
Rear floor, front section

## PARTS CONCERNED:

1	Front seat adjusting base	1.2
2	Rear seat adjusting bases	1.5
3	Cross member	1.2
4	Floor	1.2



## INTRODUCTION

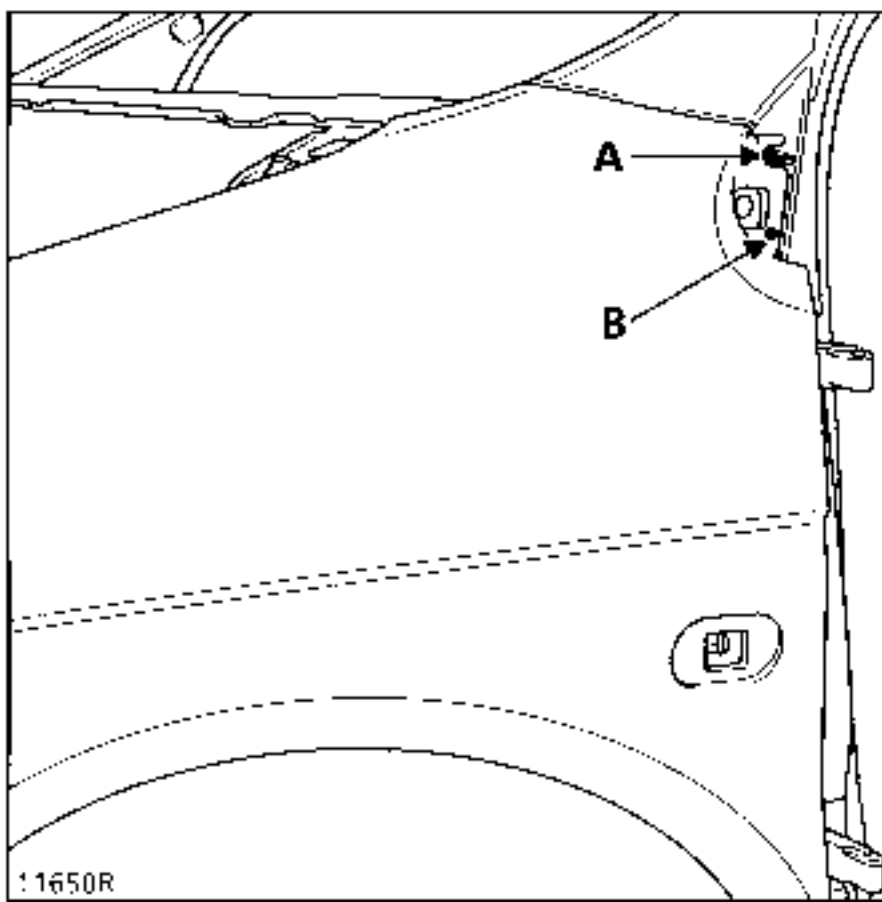
The replacement of this part is a basic operation for a front side impact.

This is a bodywork structure component which may be removed.

The mountings are identical to those for the B64, but the rear view mirror must also be removed to reach the mounting nut (A) and bolt (B) as shown on the diagram below.

In addition, the following special notes apply:

- the upper section at the front pillar is bonded using inflating mastic. A special Technical Note on this subject will be issued later.
- The wing is made from a "thermoplastic" type plastic (Noryl). Refer to Technical Note 392A for details on making repairs.



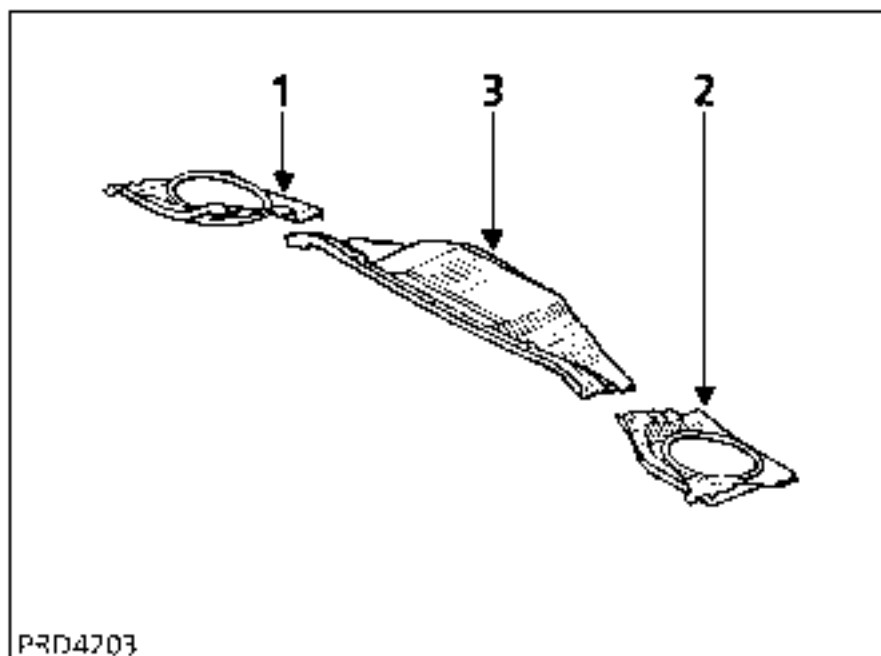
**INTRODUCTION**

The replacement of this part is a complementary operation to the replacement of the cowl side panel and the wheel arch.

The part has three sections: two welded side sections and a central closure panel, mounted by bolts.

**COMPOSITION OF PART FROM PARTS DEPARTMENT**

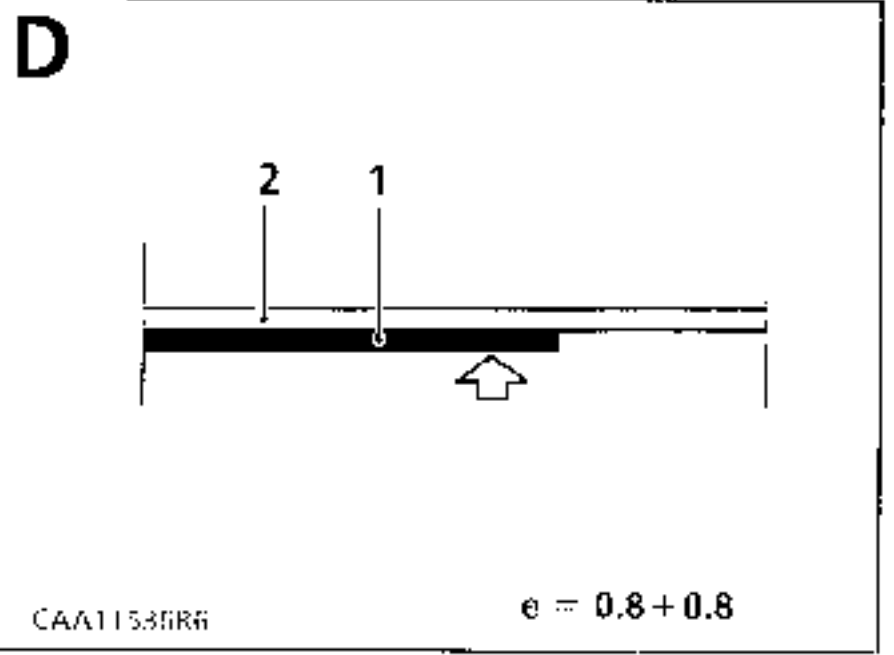
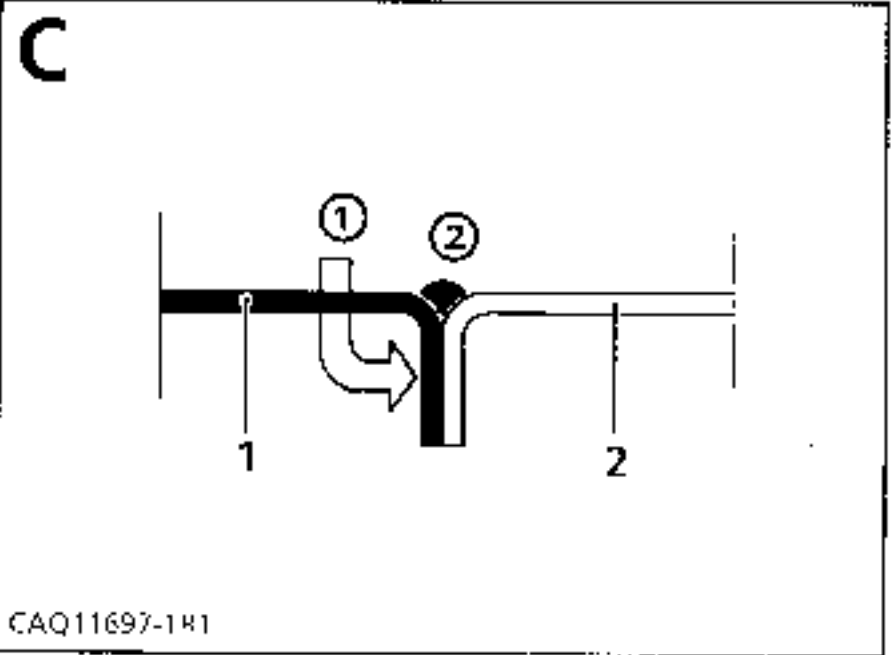
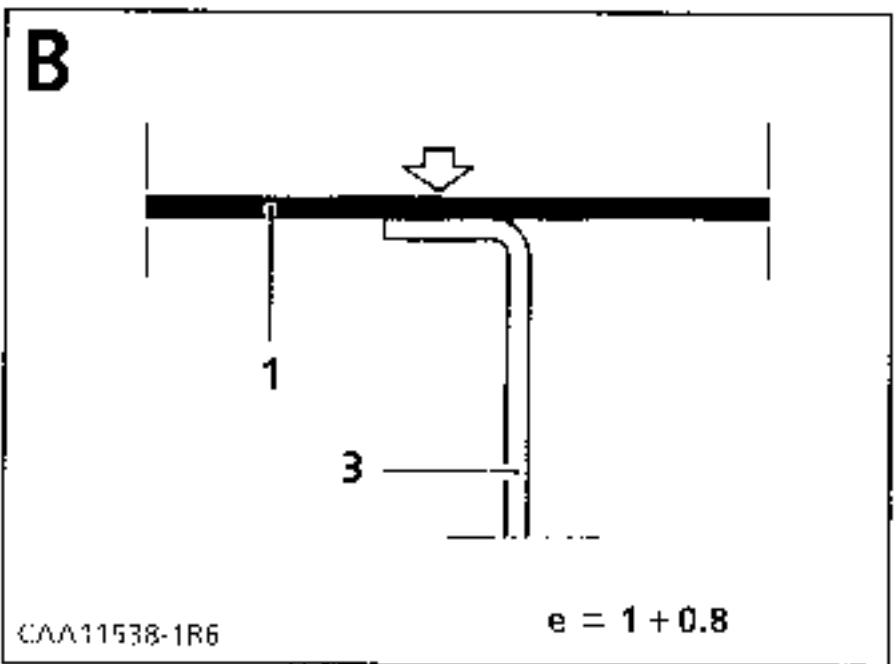
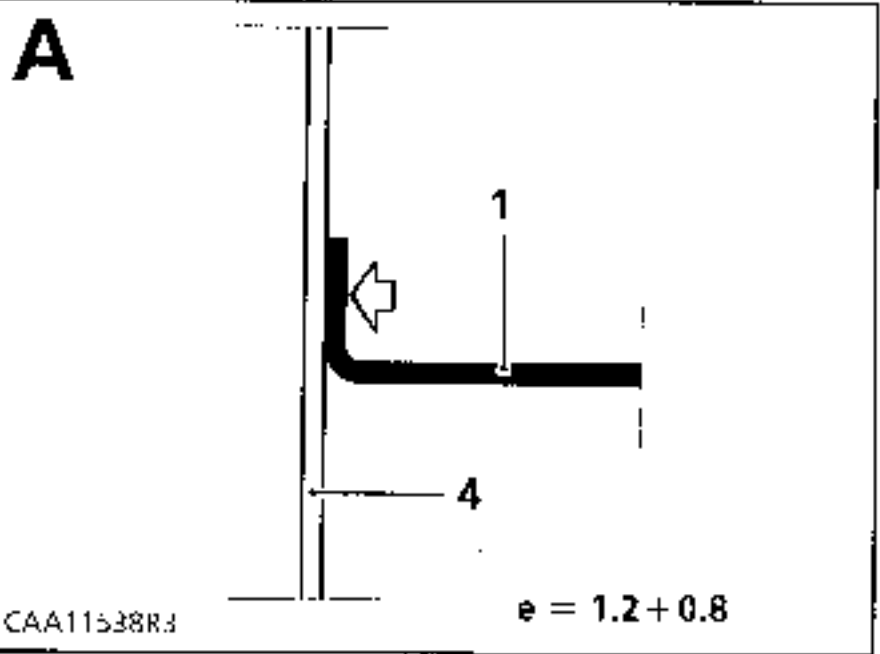
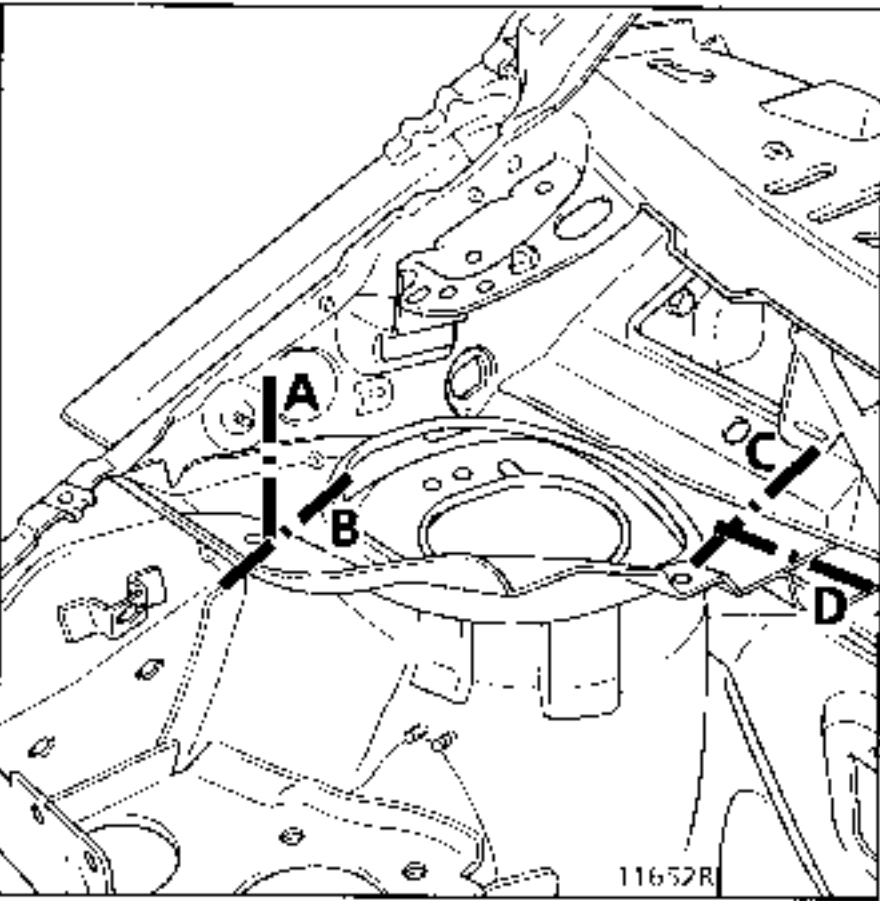
- 1 Right hand plenum chamber
- 2 Left hand plenum chamber
- 3 Plenum chamber closure panel (mounted by bolts)

**JOINTS WITH :**

Bulkhead  
Wheel arch  
Cowl side panel

**PARTS CONCERNED:**

1	Plenum chamber	0.8
2	Bulkhead	0.8
3	Wheel arch	1
4	Cowl side panel (pillar lining)	1.2
5	Cowl side panel upper reinforcement	1
6	Windscreen aperture lower cross member, lower section	0.7





## INTRODUCTION

The replacement of this part is a complementary operation to the replacement of a front pillar with lining for a front side impact.

## COMPOSITION OF PART FROM PARTS DEPARTMENT

This part has four main sections which should be ordered separately:

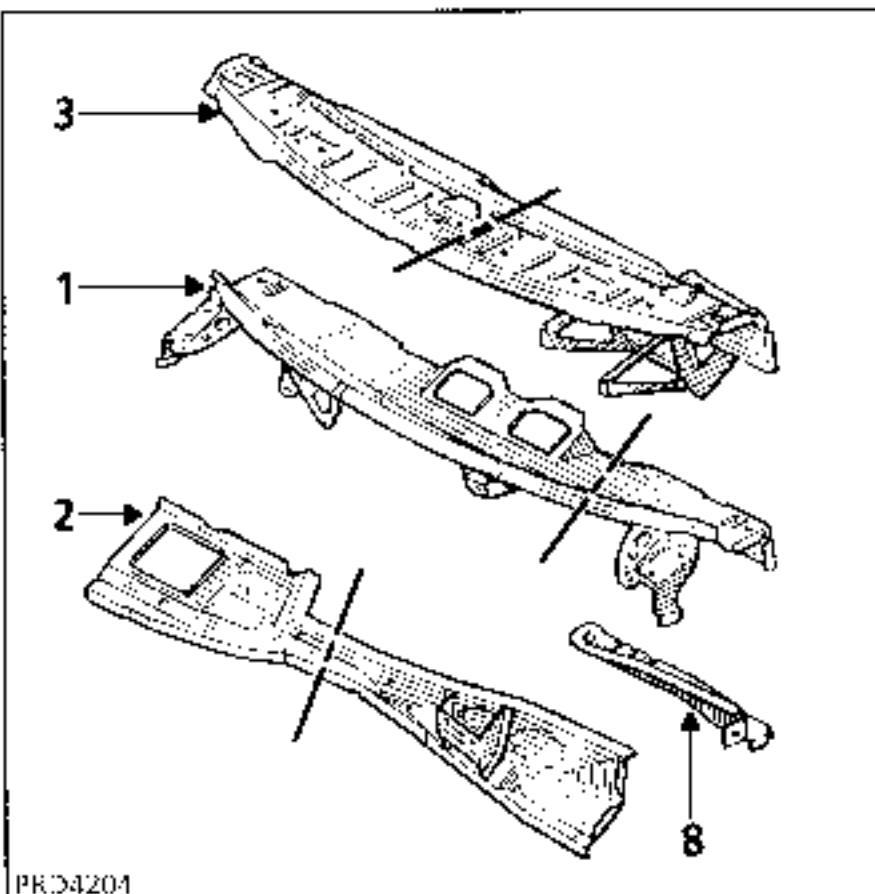
- 1 Windscreen aperture lower cross member, upper section
- 2 Windscreen aperture lower cross member, lower section
- 3 Demisting chamber assembly, comprising:
  - steering column mounting
  - welded nuts and studs
- 8 Windscreen aperture lower cross member reinforcement

## JOINTS WITH :

Pillar lining (cowl side panel)  
Bulkhead

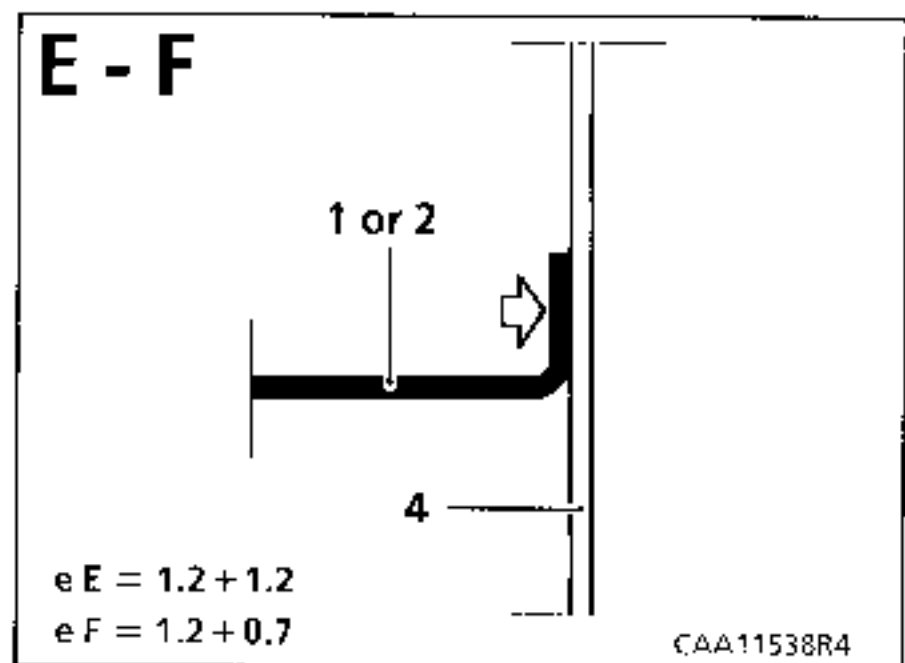
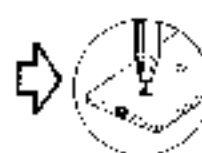
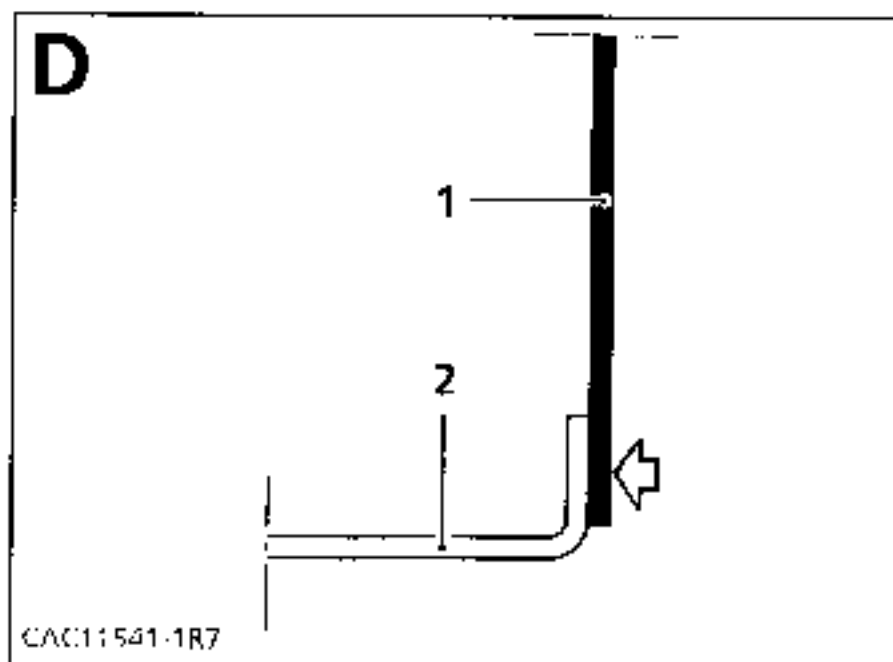
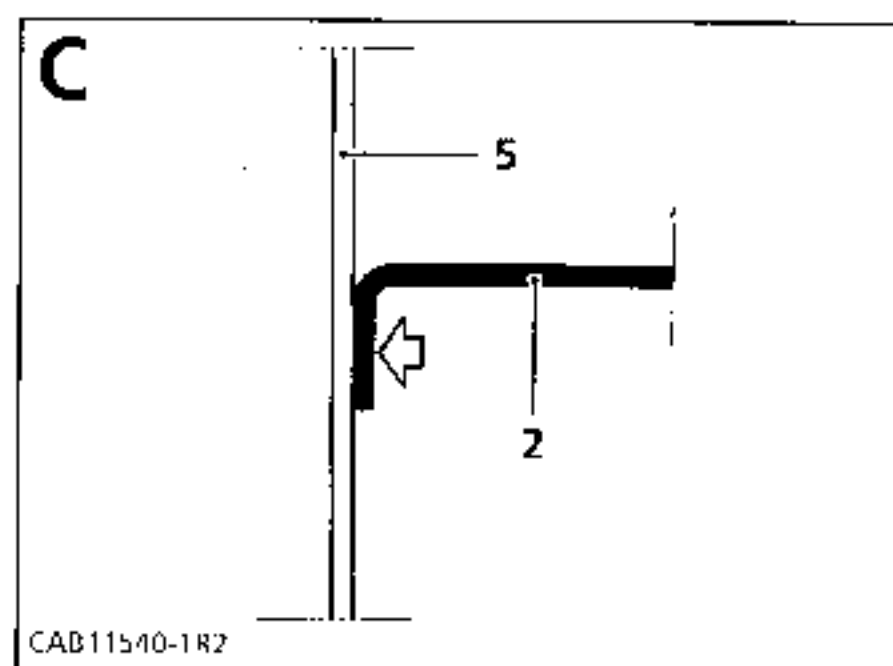
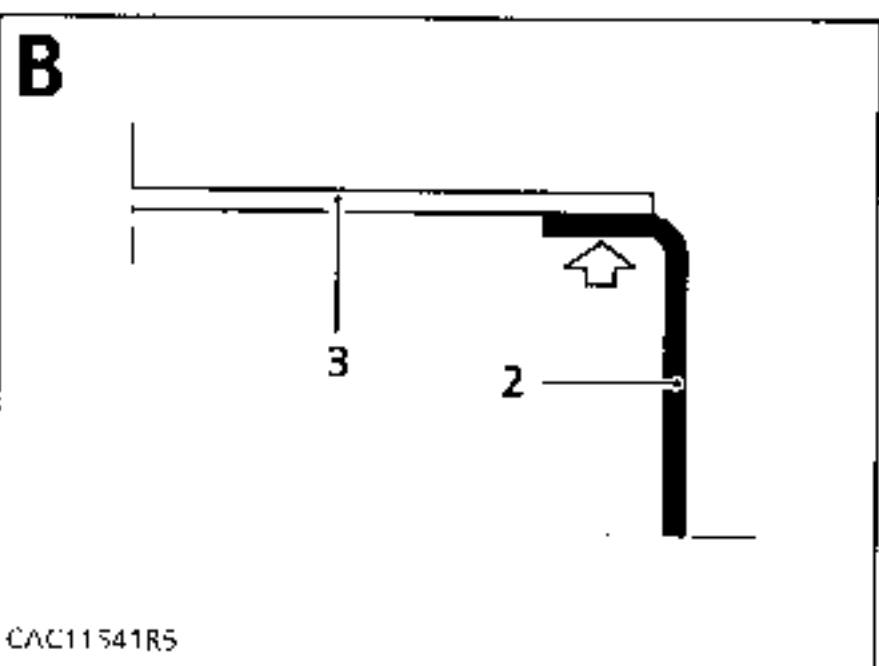
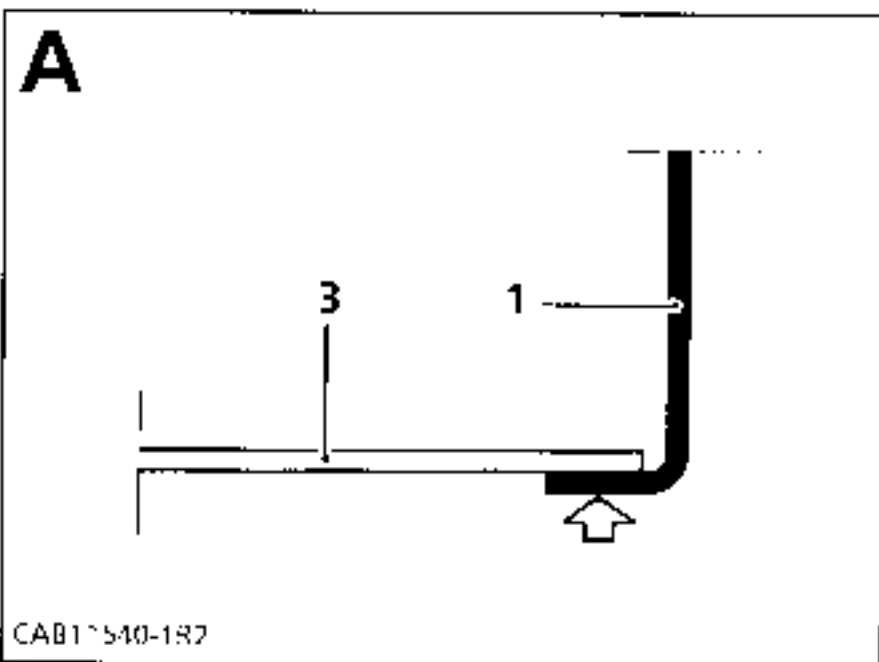
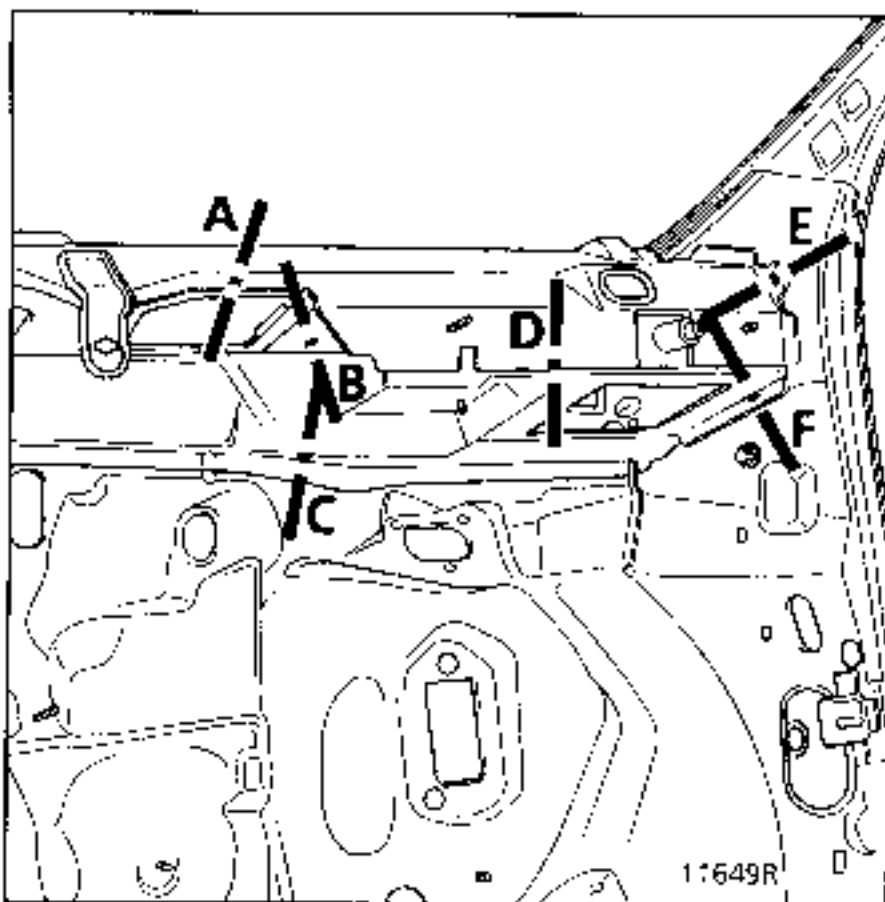
## PARTS CONCERNED:

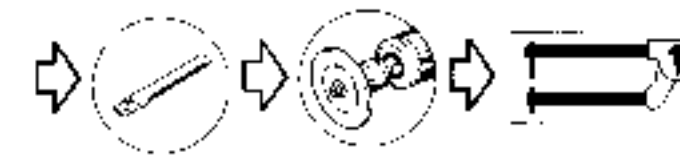
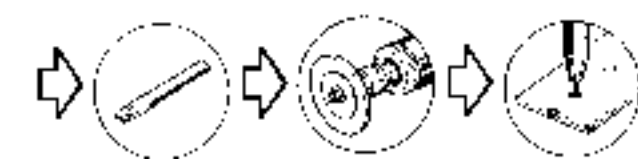
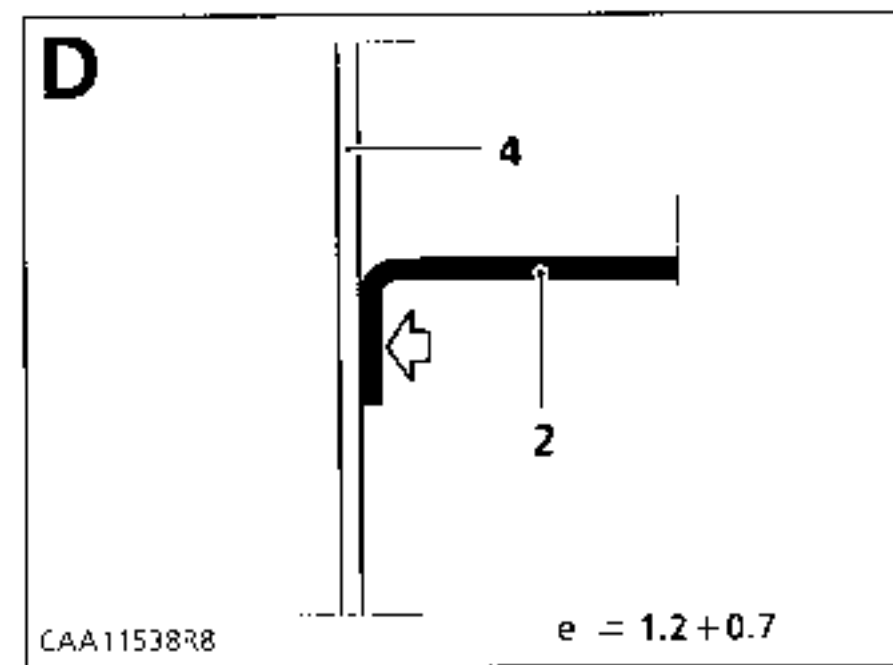
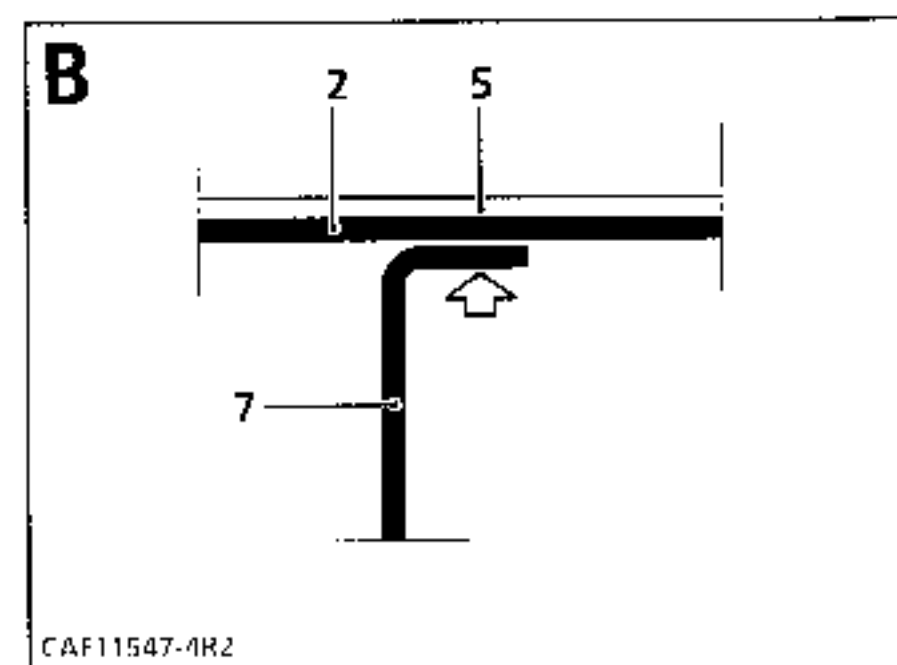
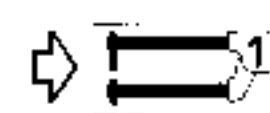
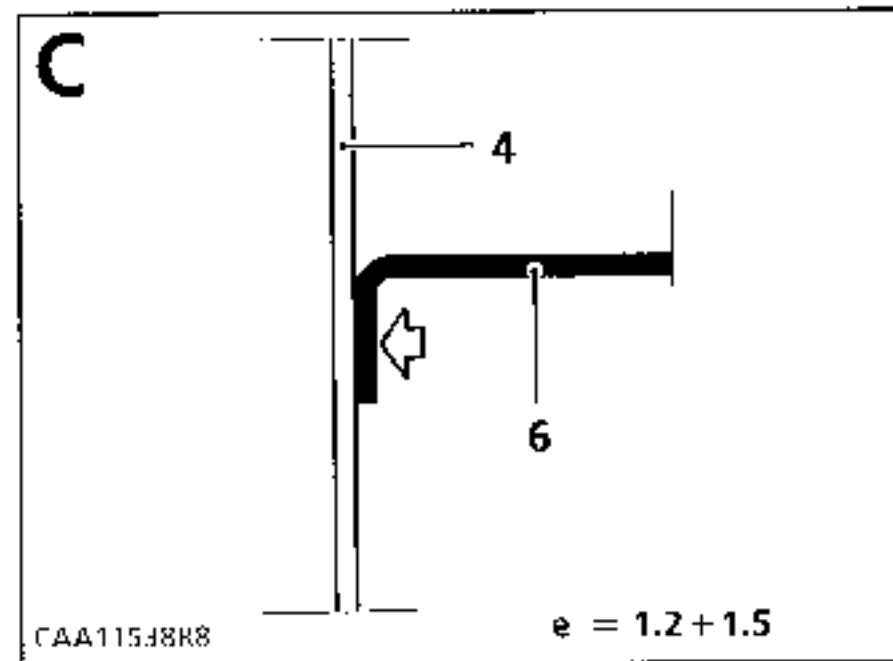
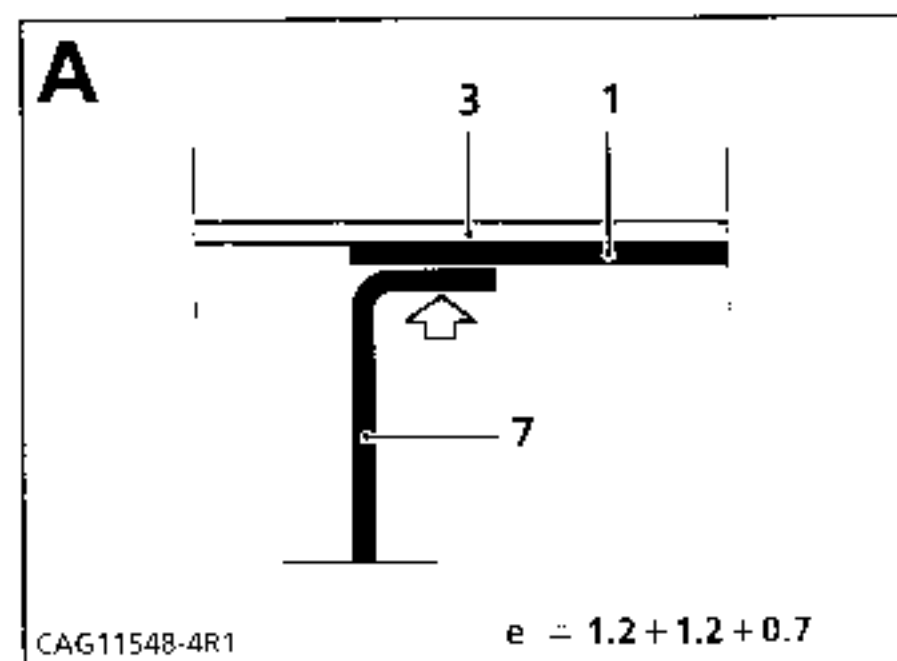
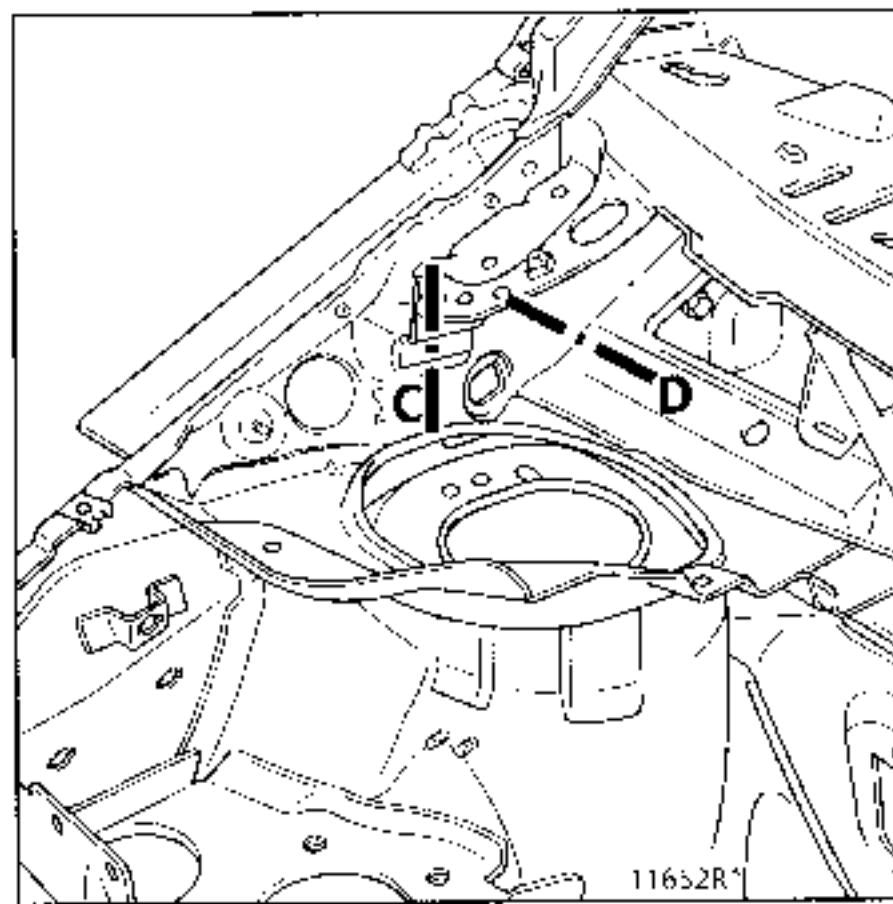
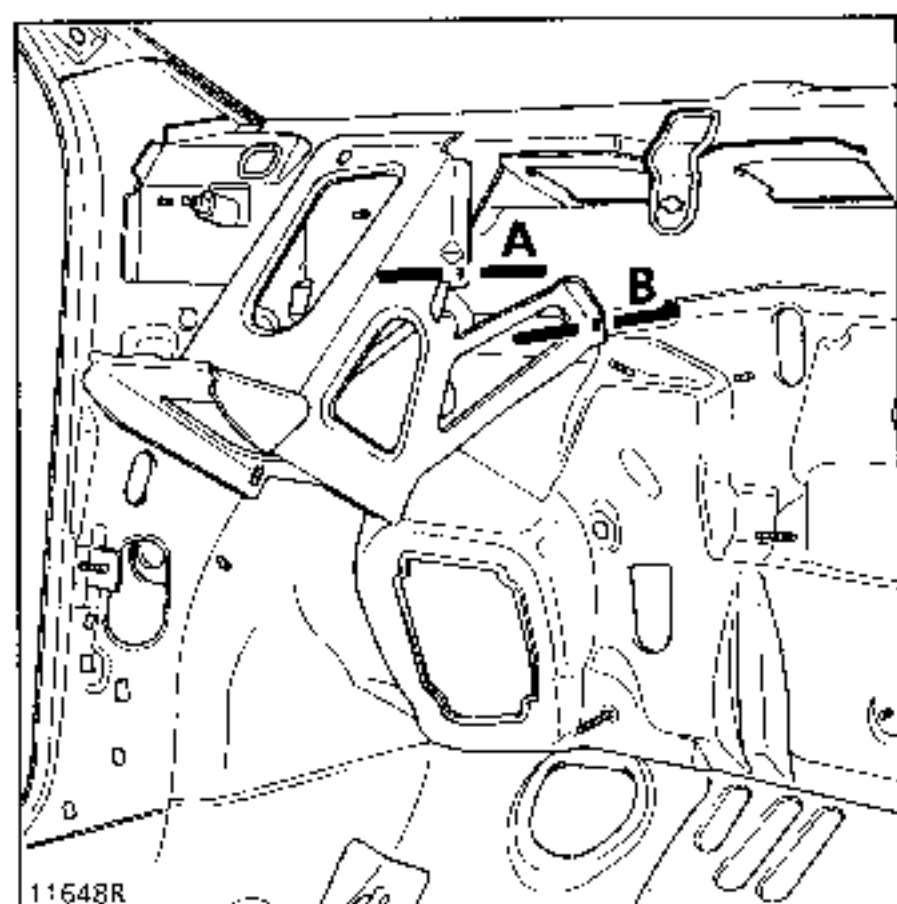
1	Windscreen aperture lower cross member, upper section	1.2
2	Windscreen aperture lower cross member, lower section	0.7
3	Demisting chamber	1.2
4	Pillar lining (cowl side panel)	1.2
5	Bulkhead	1
6	Wiper mounting bracket	1.5
7	Steering column mounting	0.7



PRD4204







## INTRODUCTION

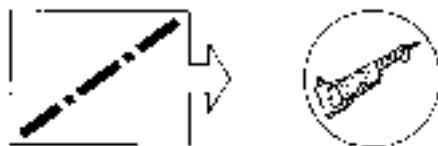
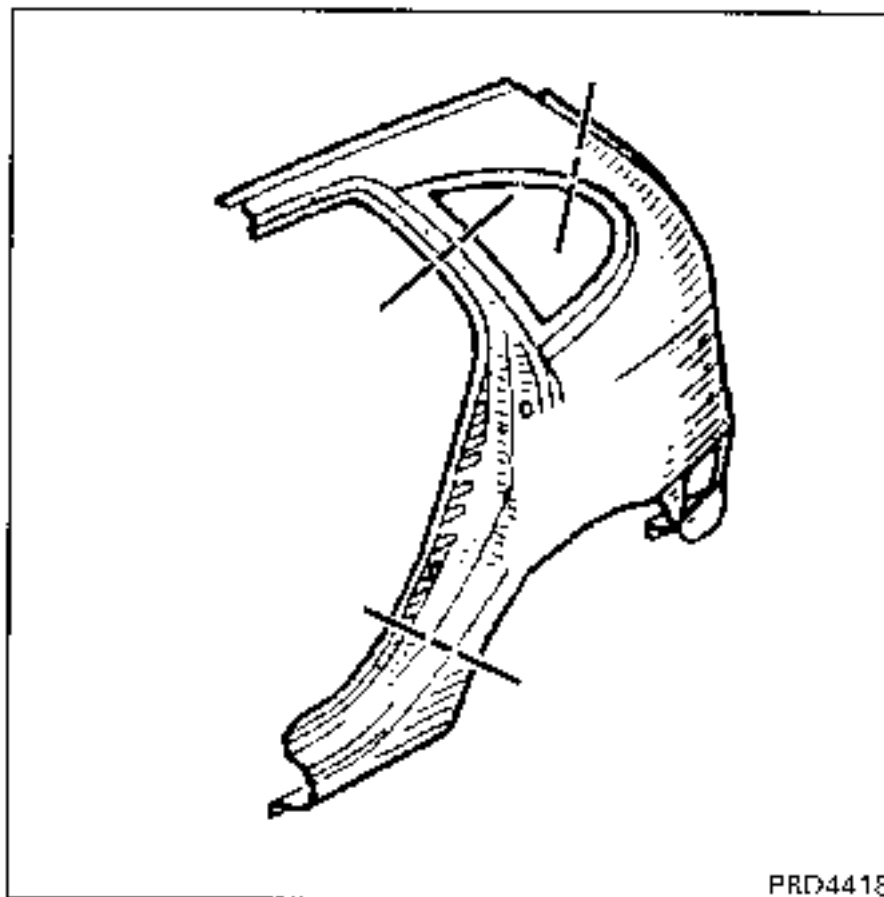
The replacement of this part is a basic operation for a rear impact.

For joints on the lower section not dealt with below, refer to the basic manual, same section.

## COMPOSITION OF PART FROM PARTS DEPARTMENT

Part assembled with:

- striker plate reinforcement,
- bumper counter plate mounting.

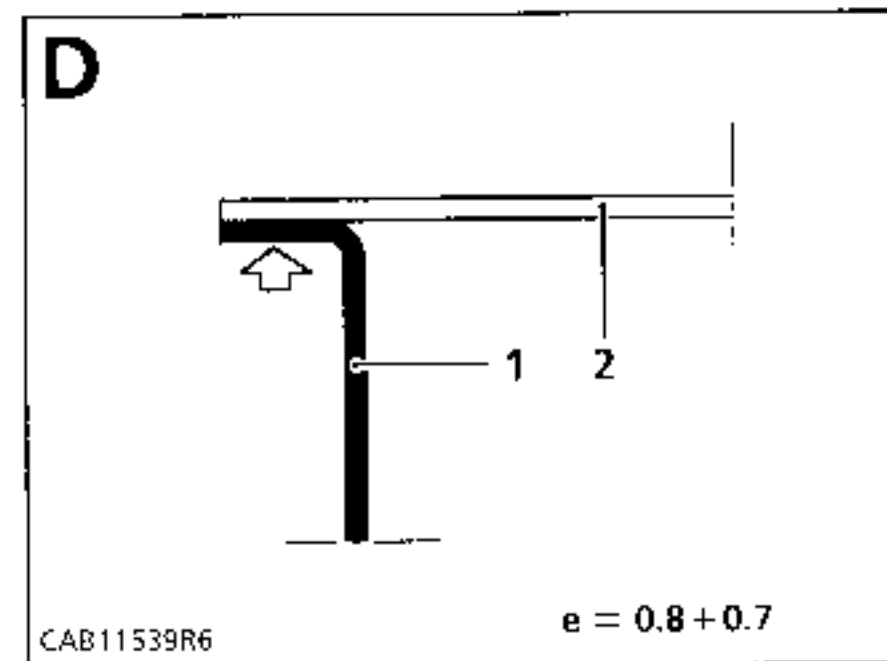
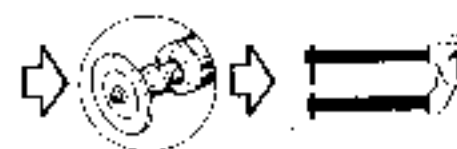
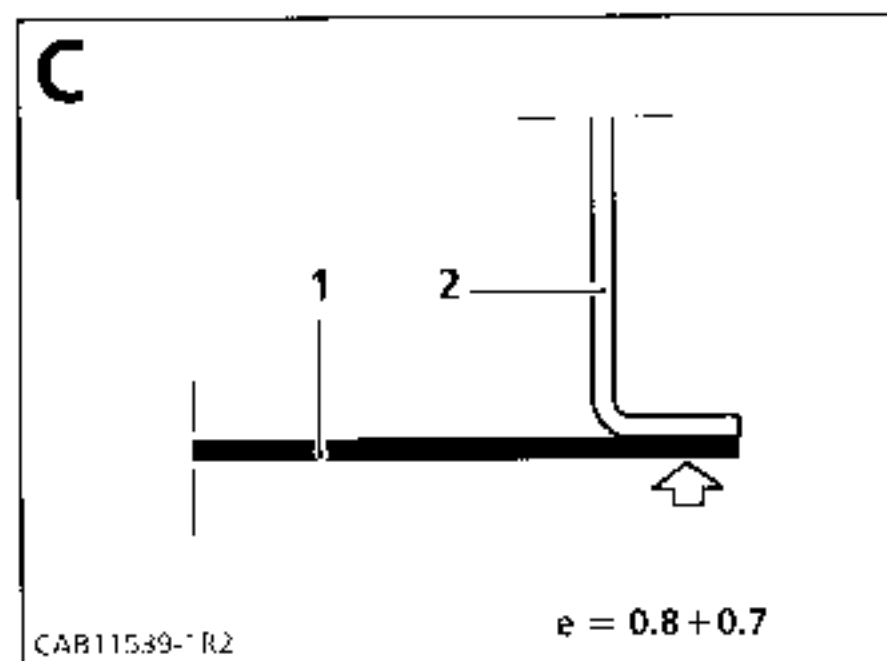
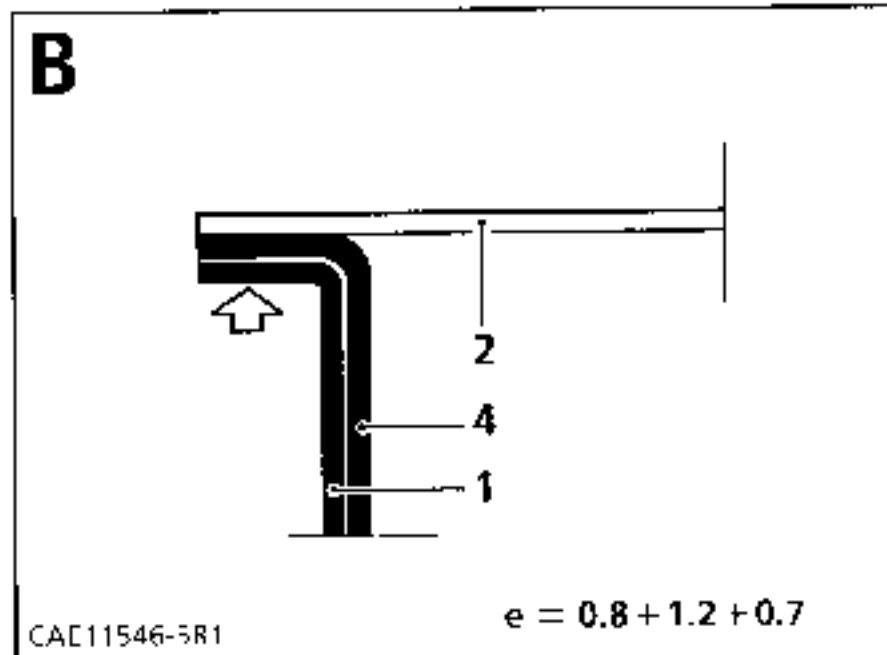
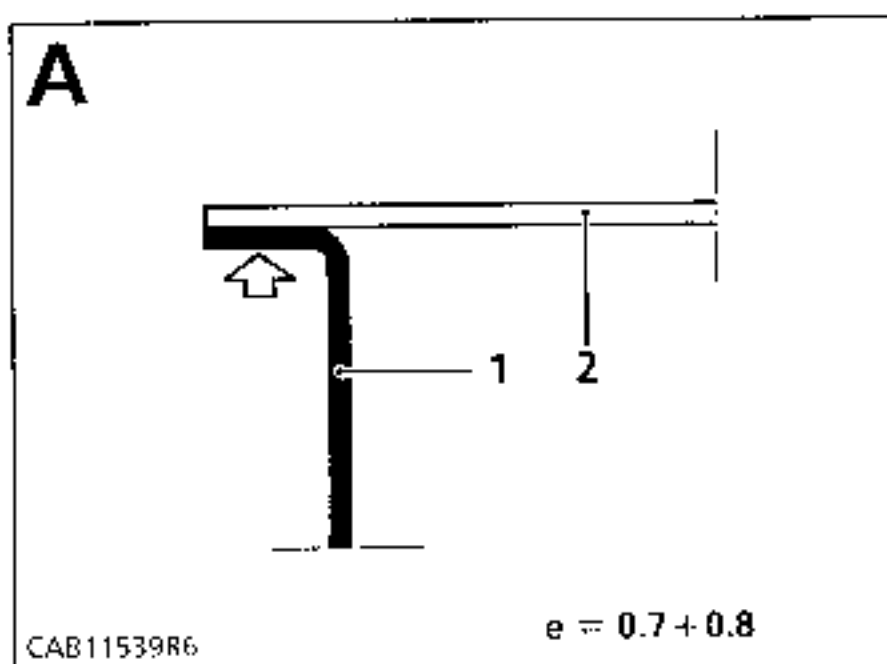
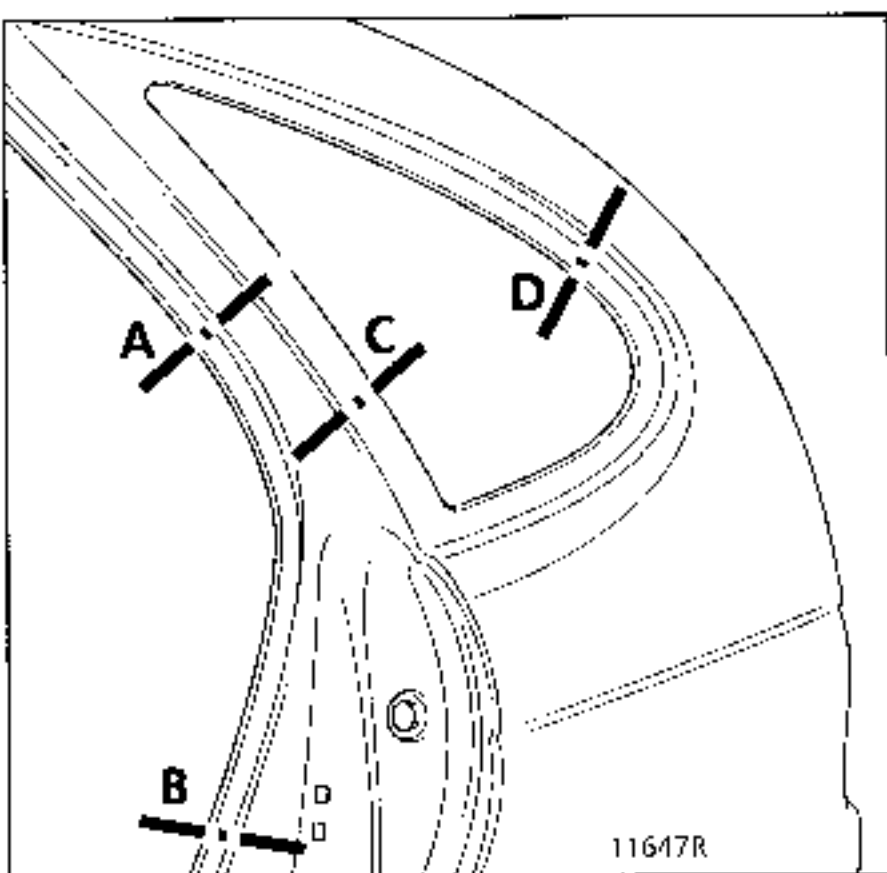


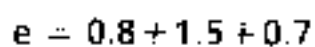
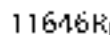
## JOINTS WITH :

Rear quarter panel lining

## PARTS CONCERNED:

1	Wing panel	0.8
2	Rear quarter panel lining	0.7
3	Rear quarter panel upper reinforcement	1.5
4	Striker plate reinforcement	1.2





## INTRODUCTION

The replacement of this part is a complementary operation to the replacement of a wing panel.

This section only contains special notes for the J64 vehicle.

For additional information, refer to the basic manual.

Two methods of partial replacement are possible:

### 1 - Cutting line A

On the part from the Parts Department, cut out the centre pillar lining.

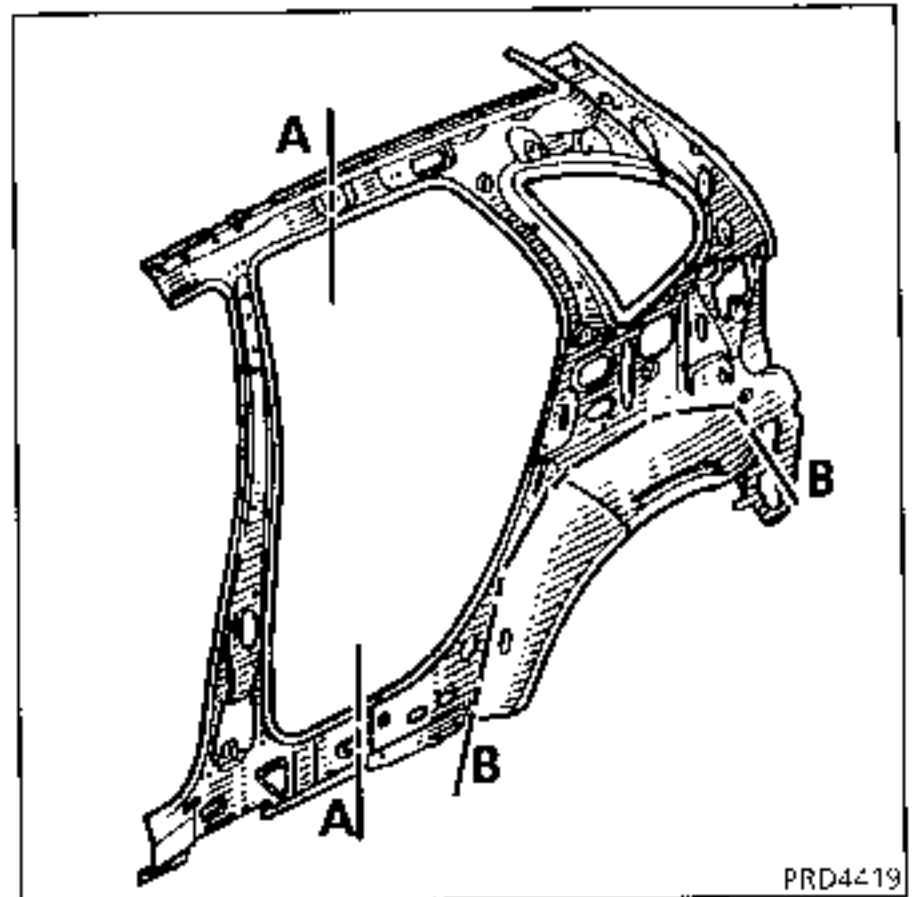
### 2 - Cutting line B

On the part from the Parts Department, cut out the outer wheel arch and unpick the door pillar reinforcement.

## COMPOSITION OF PART FROM PARTS DEPARTMENT

Part assembled with:

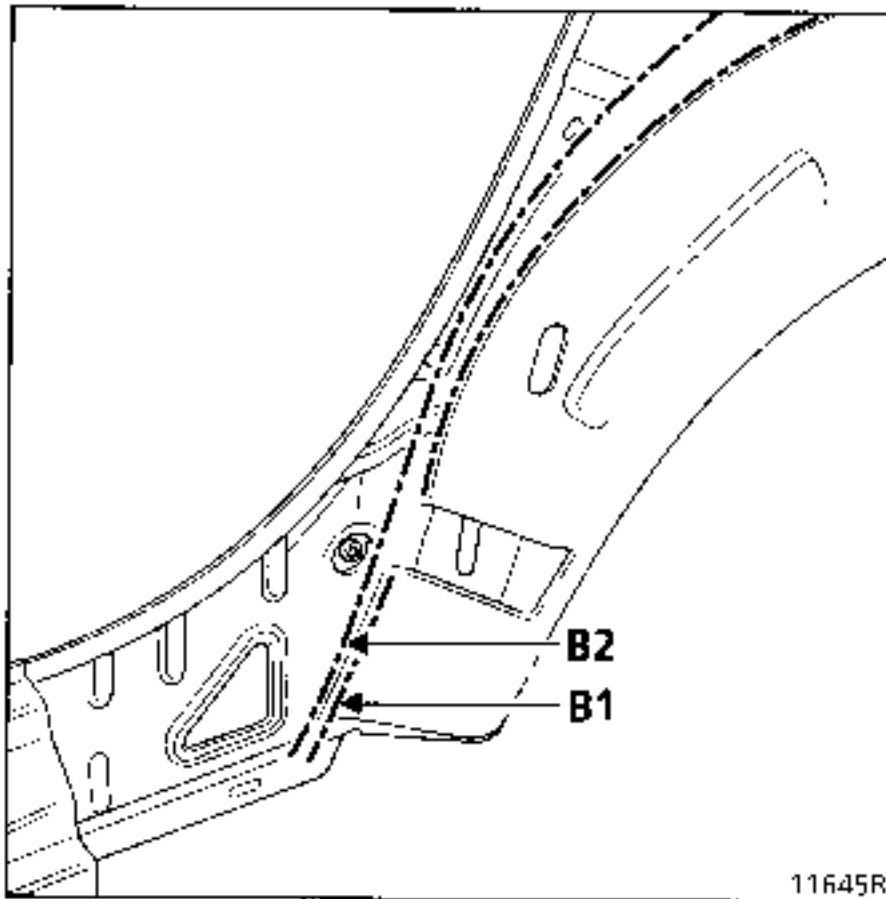
- centre pillar lining,
- inertia reel mounting reinforcement,
- door pillar reinforcement,
- upper rear reinforcement.



## PARTS CONCERNED:

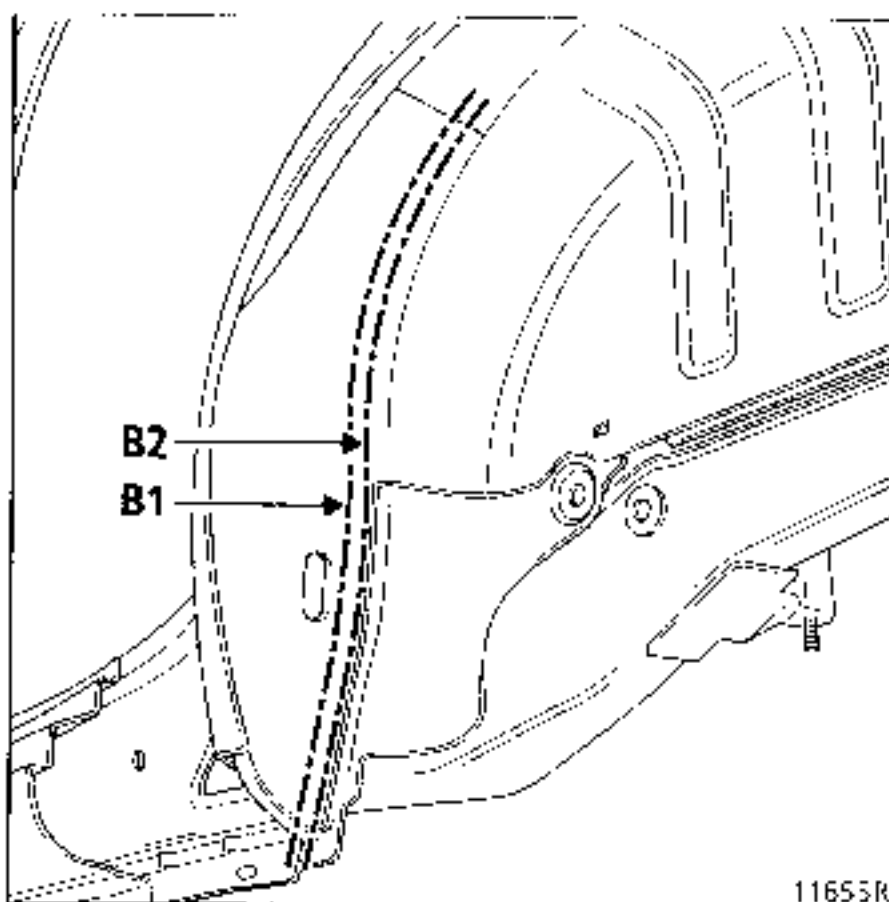
- |   |                           |     |
|---|---------------------------|-----|
| 1 | Rear quarter panel lining | 1.2 |
| 2 | Door pillar reinforcement | 1.5 |

Detail of cutting line B for the rear quarter panel lining



B1 on the vehicle  
B2 on the new component

Detail of cutting line B for the door pillar reinforcement



B1 on the vehicle  
B2 on the new component



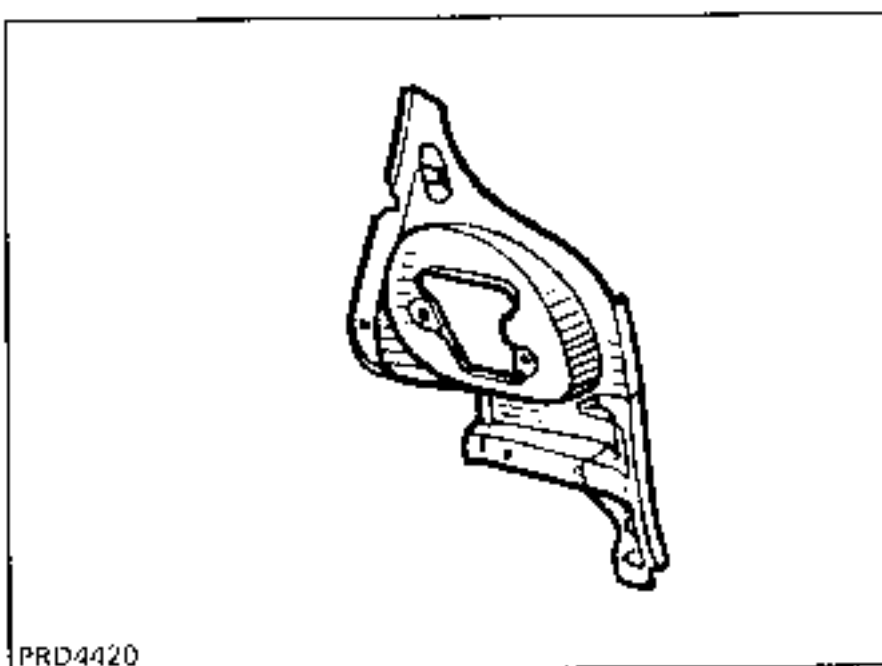
## INTRODUCTION

The replacement of this part is a complementary operation to the replacement of a wing panel or rear end panel.

## COMPOSITION OF PART FROM PARTS DEPARTMENT

Part assembled with:

- stop mounting,
- bumper mounting.

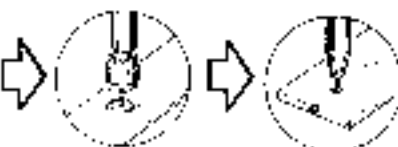
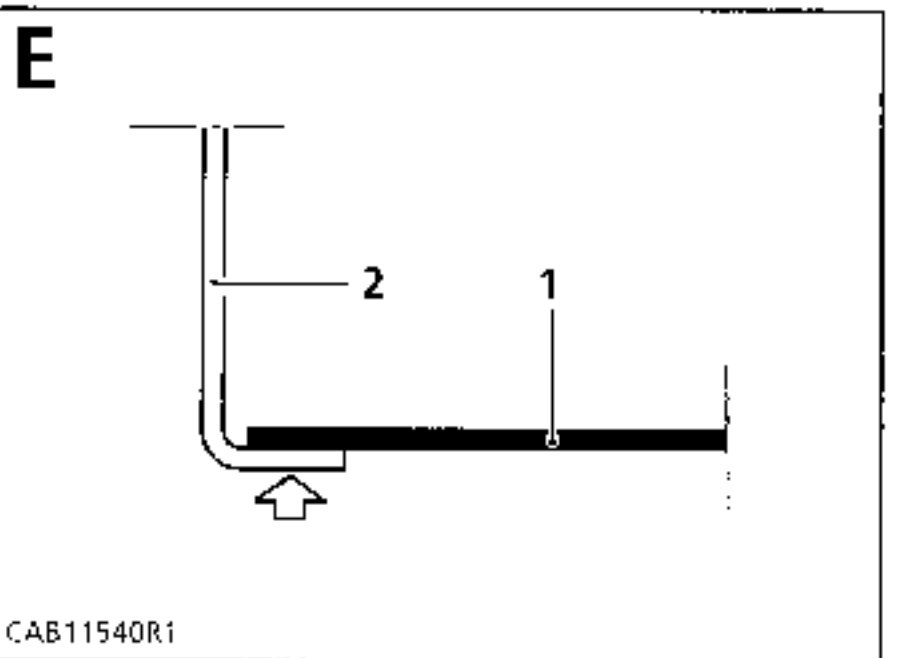
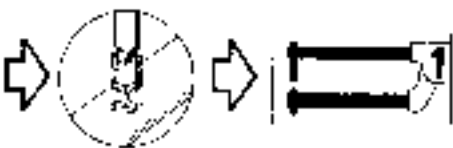
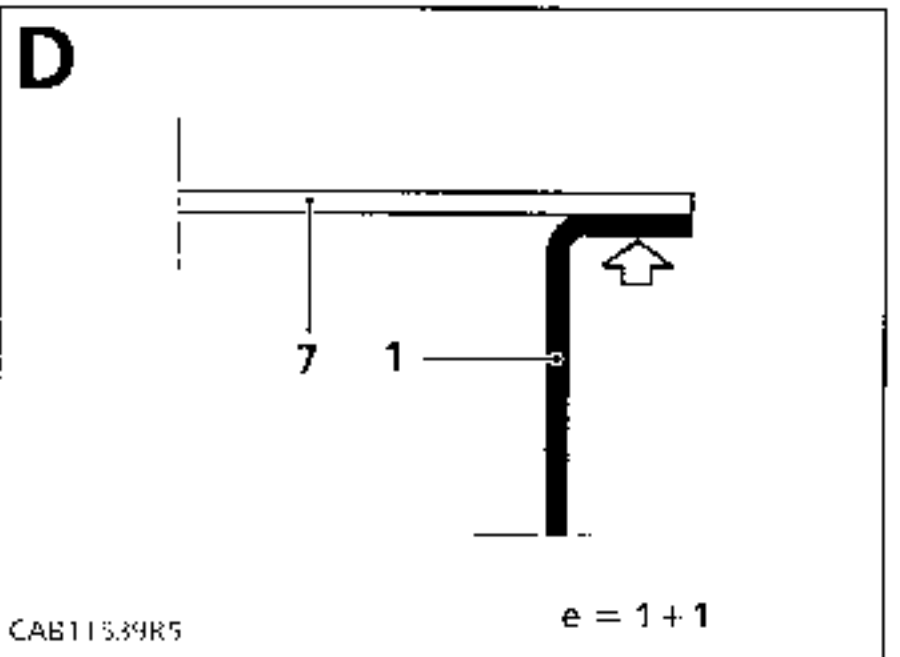
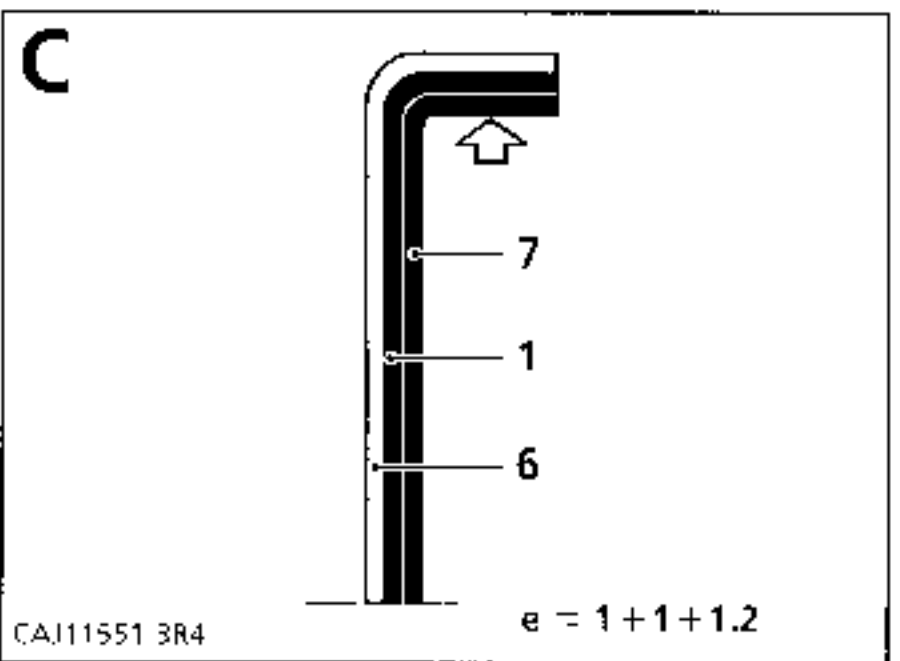
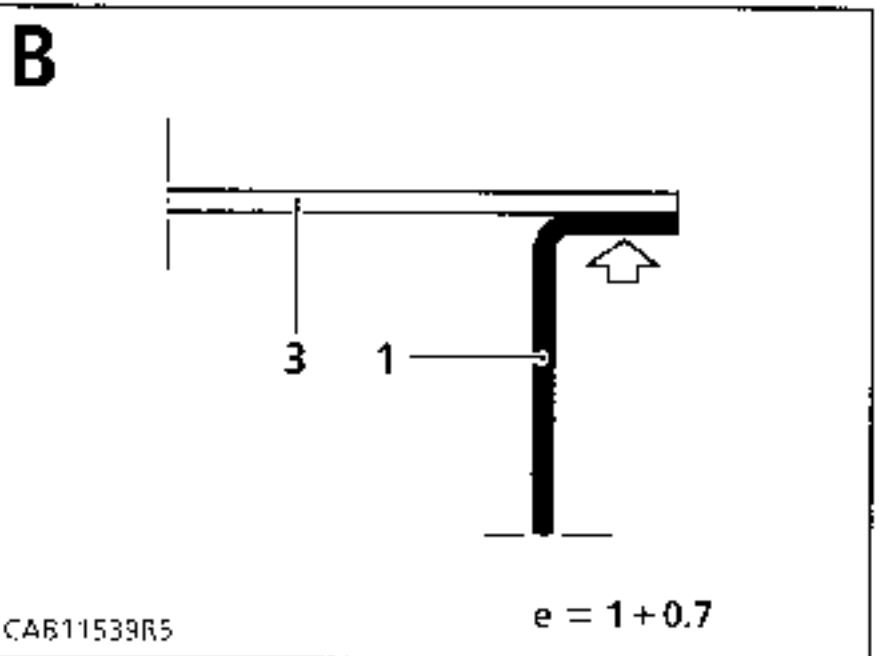
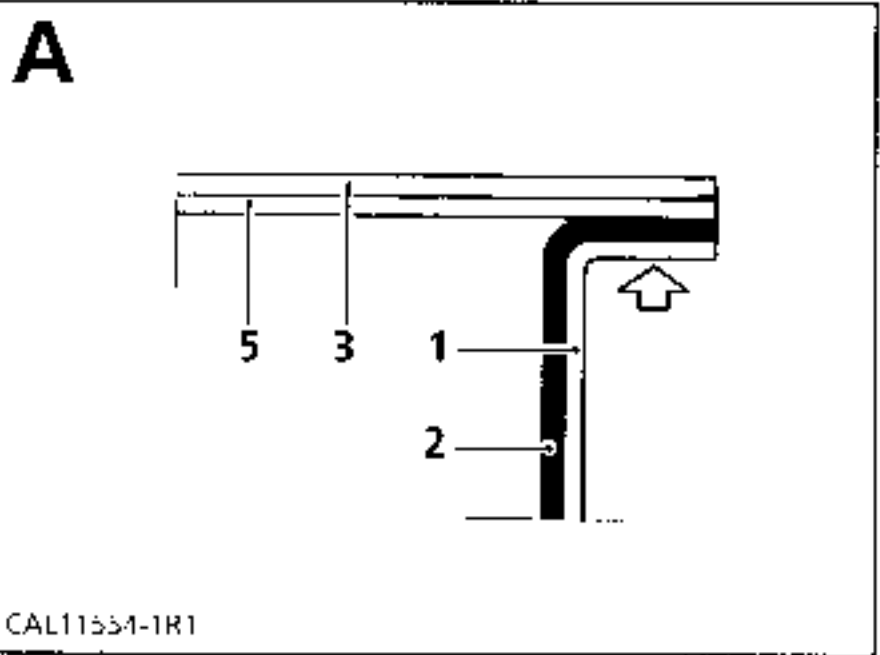
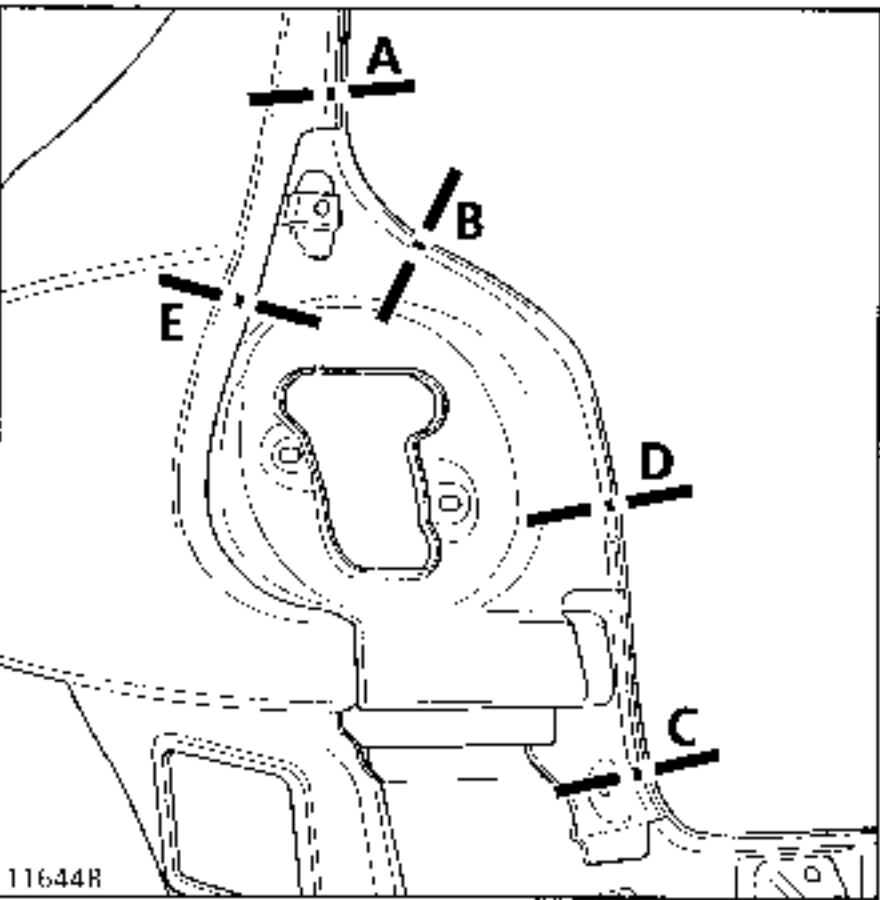


## JOINTS WITH :

Wing panel  
Rear quarter panel lining  
Rear end panel

## PARTS CONCERNED:

1	Lights mounting	1
2	Wing panel	0.8
3	Rear quarter panel lining	0.7
4	Upper rear end panel	1
5	Bumper mounting reinforcement	1.5
6	Bumper mounting reinforcement	1.2
7	Joint with end panel reinforcement	1





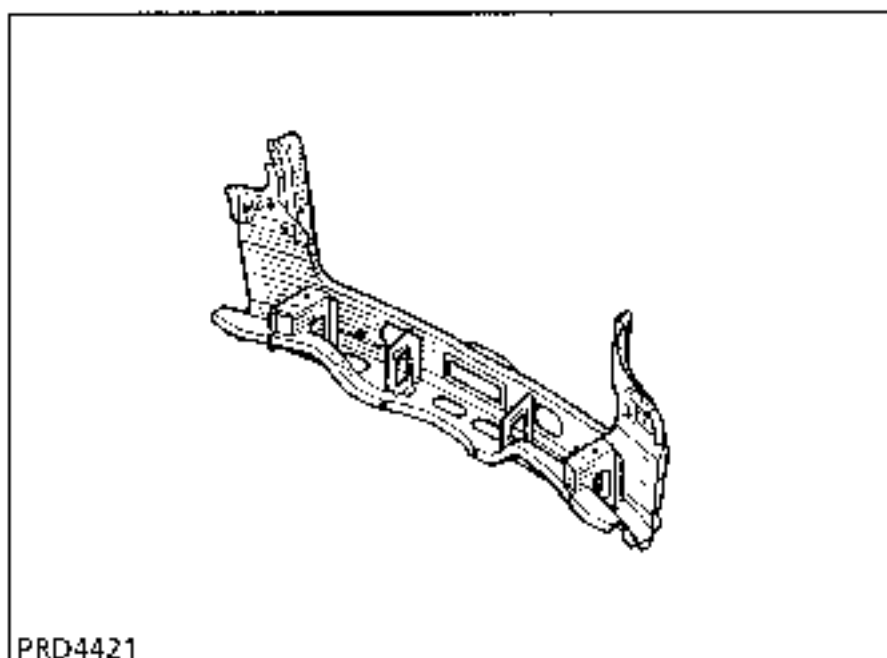
## INTRODUCTION

The replacement of this part is a basic operation for a rear impact.

## COMPOSITION OF PART FROM PARTS DEPARTMENT

Part assembled with:

- upper rear end panel,
- lower rear end panel,
- lights mounting joint reinforcement,
- bumper mounting reinforcement
- lock mounting reinforcement,
- internal partitions.



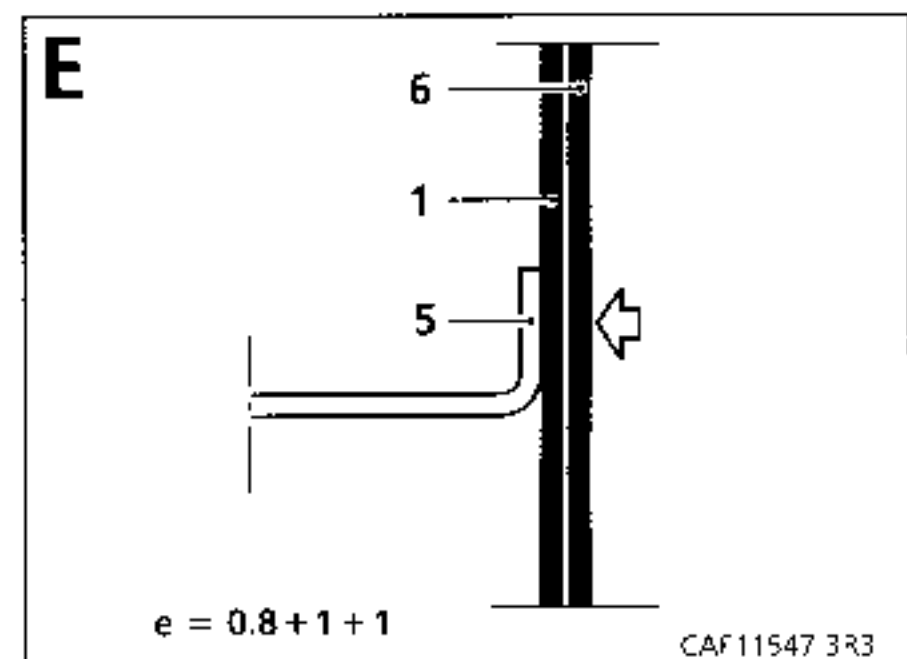
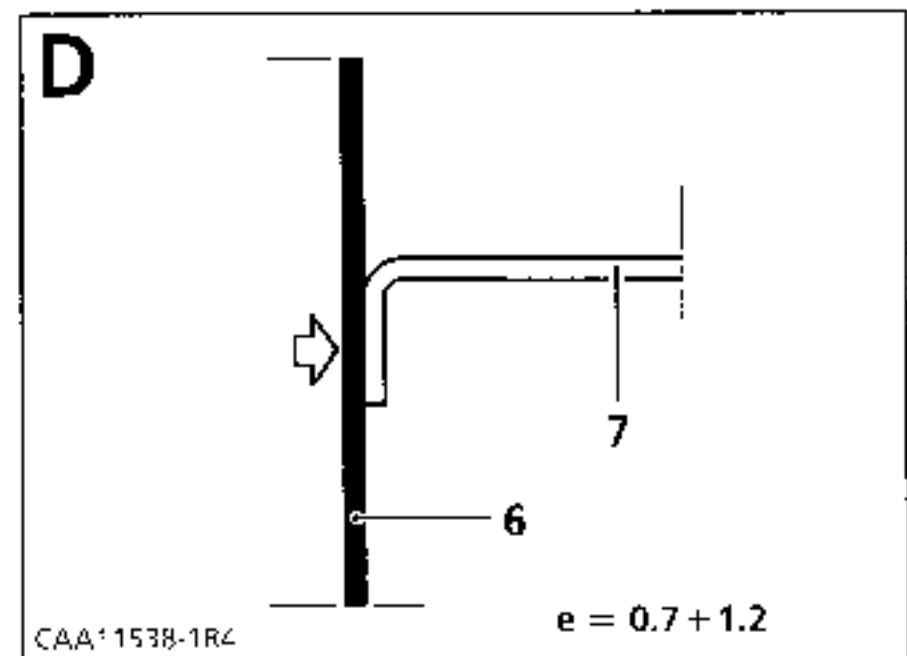
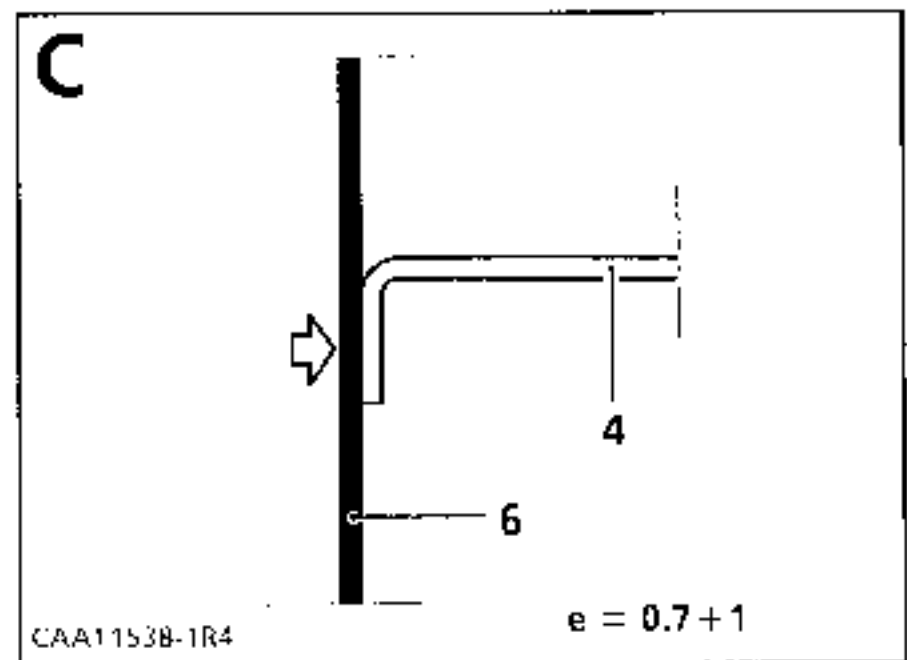
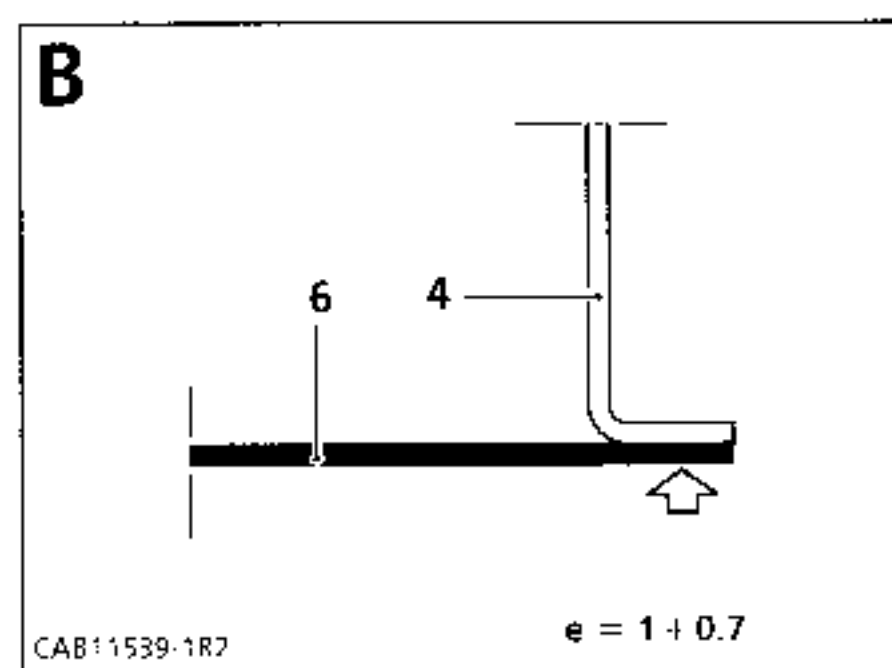
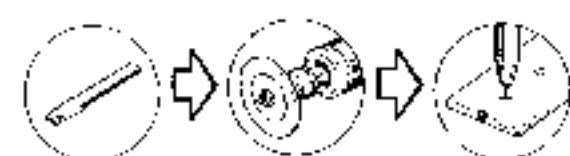
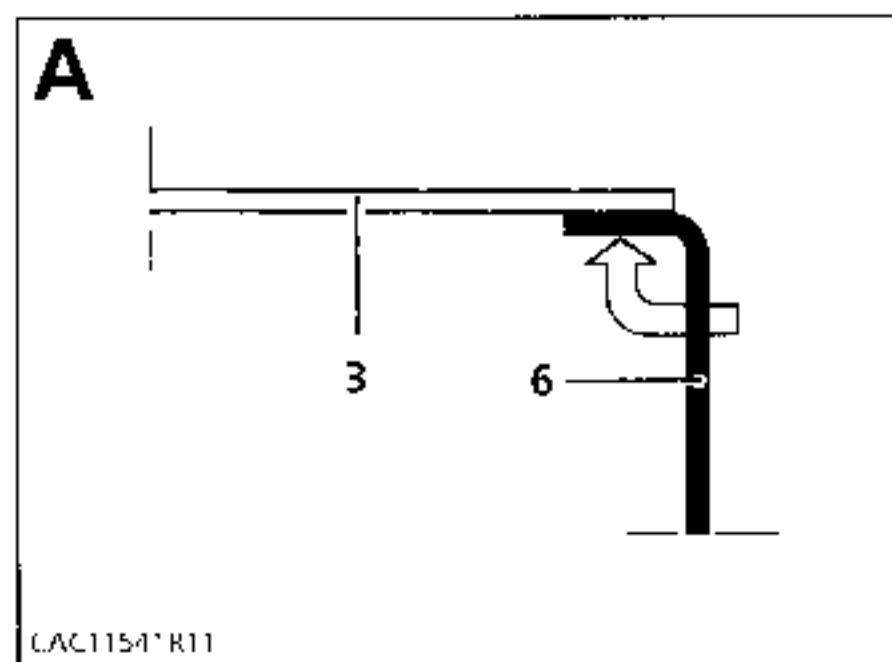
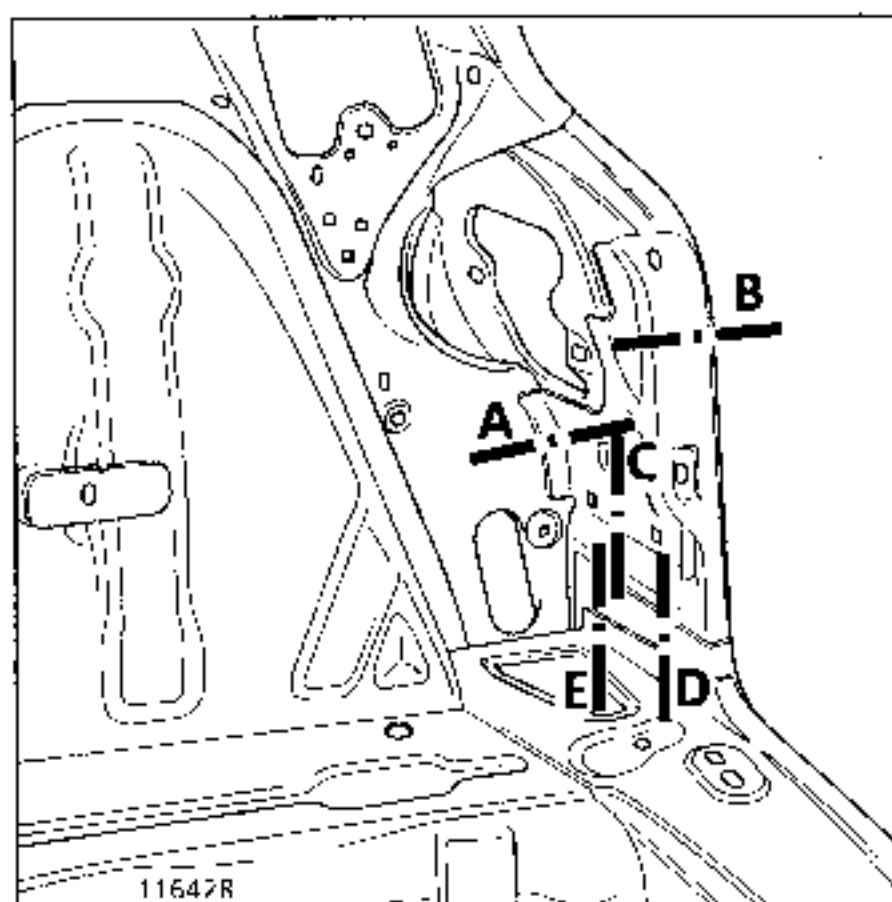
PRD4421

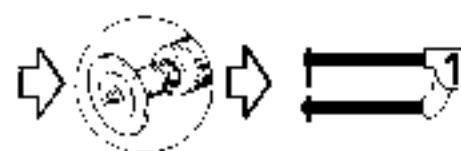
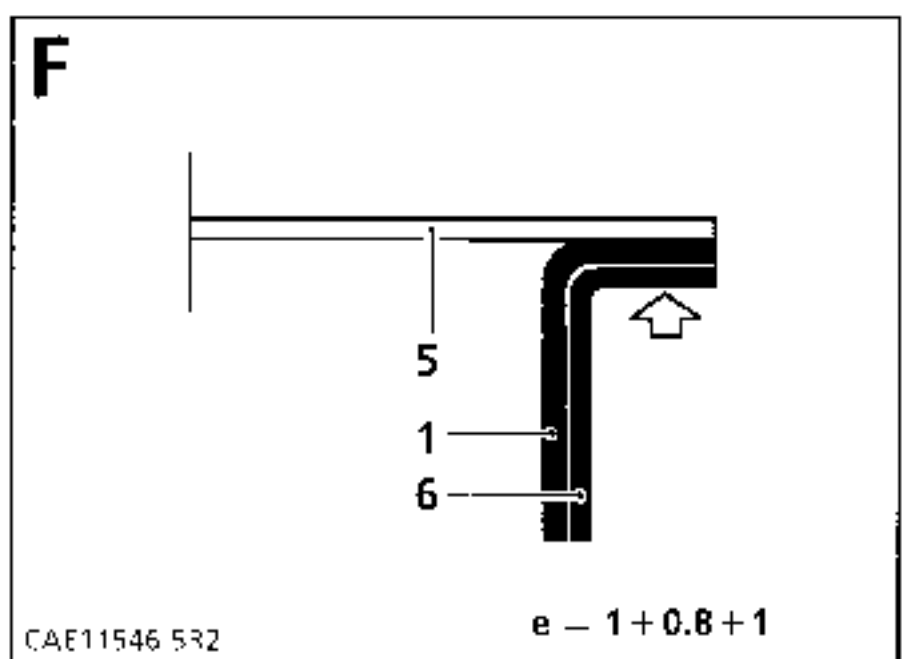
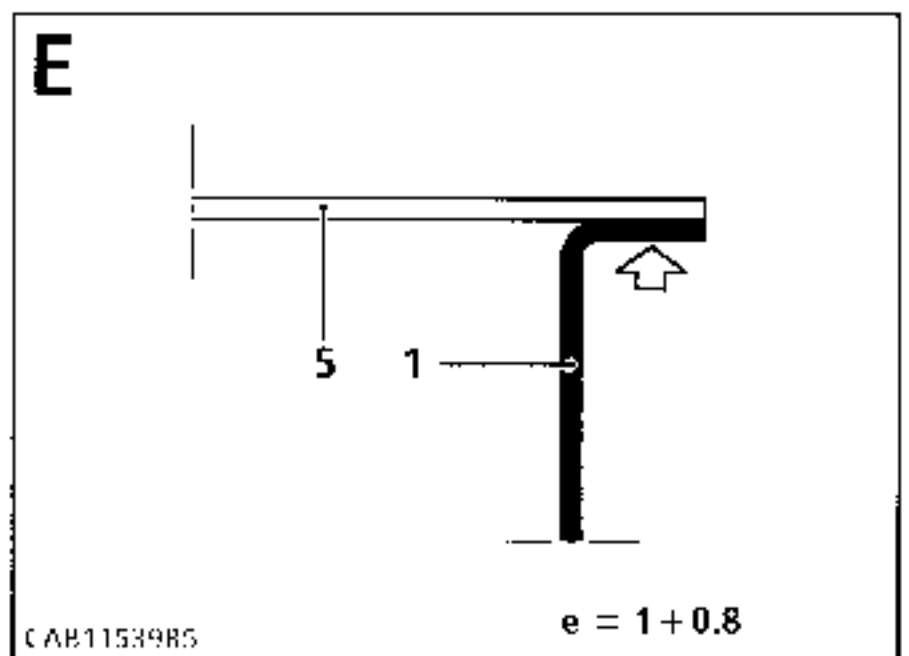
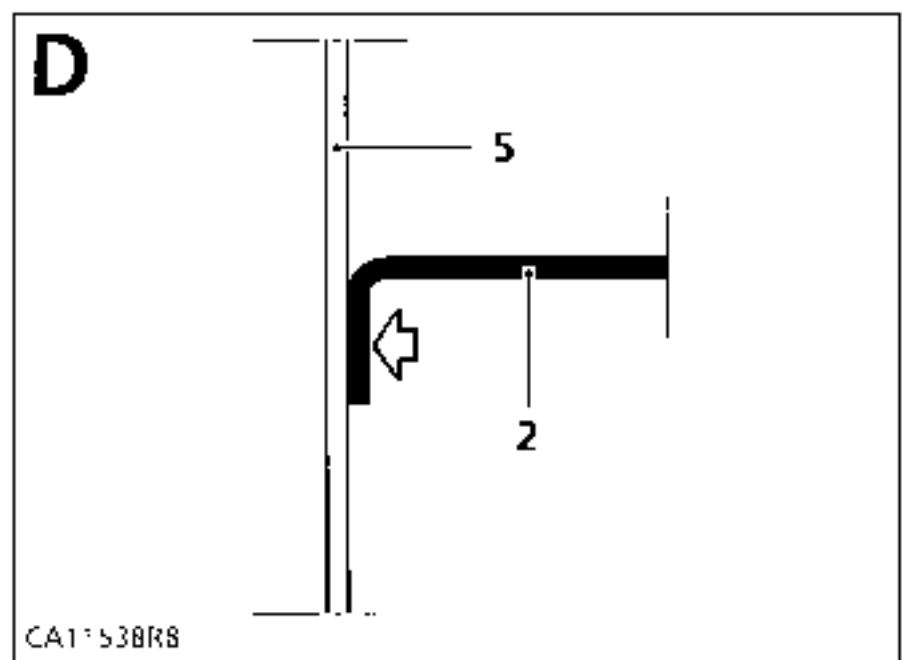
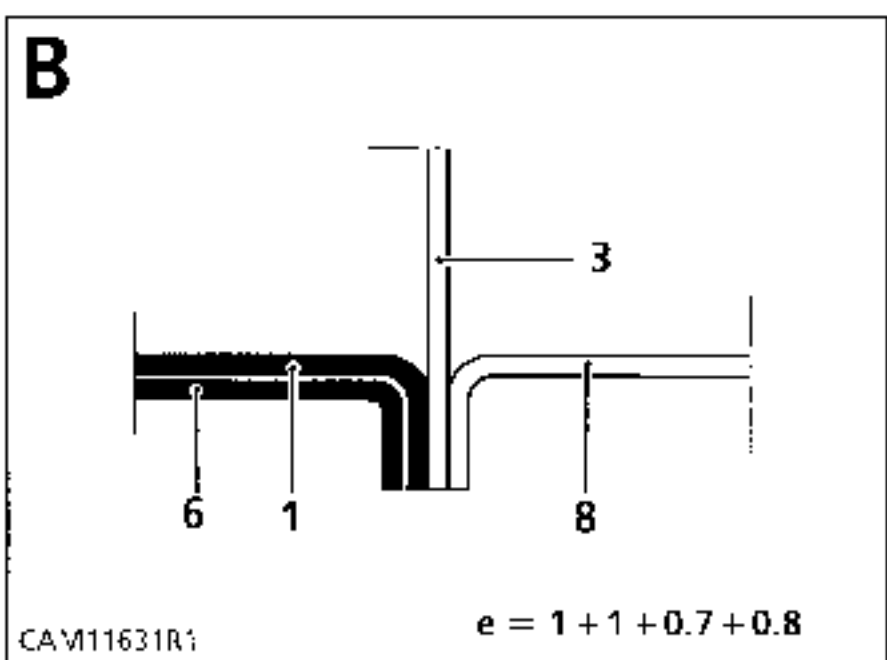
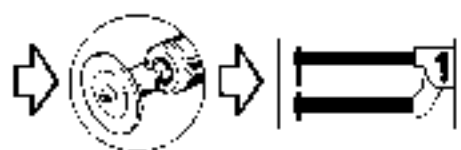
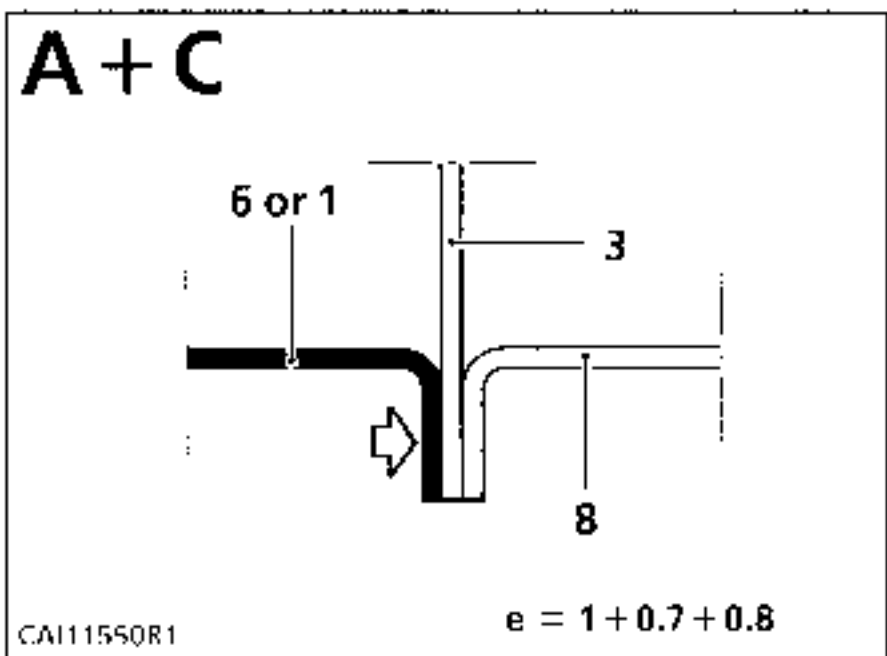
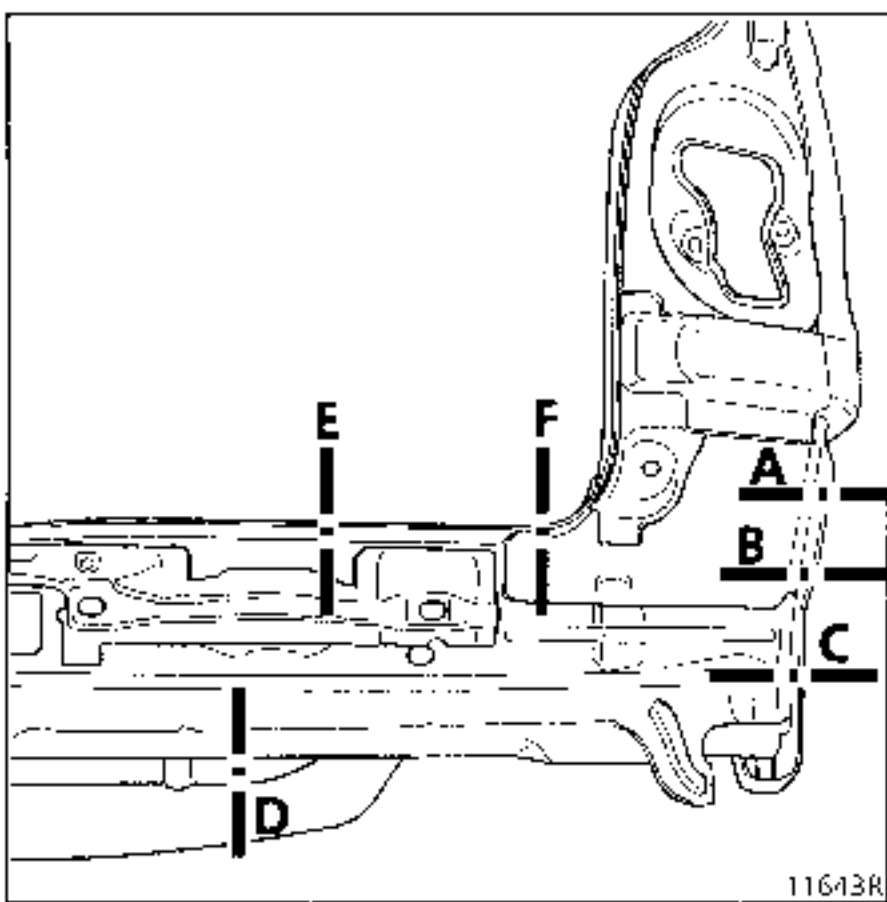
## JOINTS WITH :

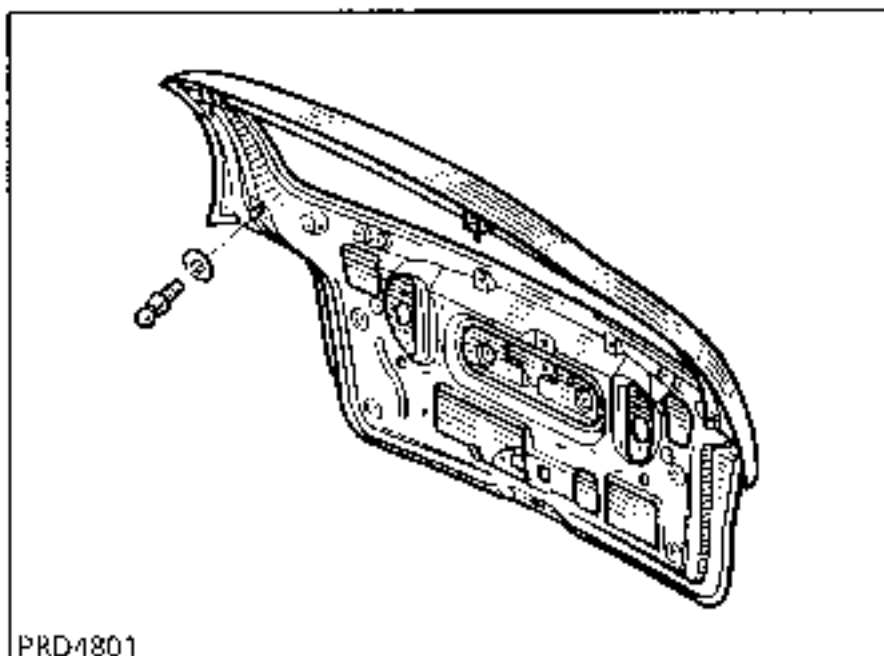
Rear quarter panel lining  
Lights mounting  
Rear end cross member

## PARTS CONCERNED:

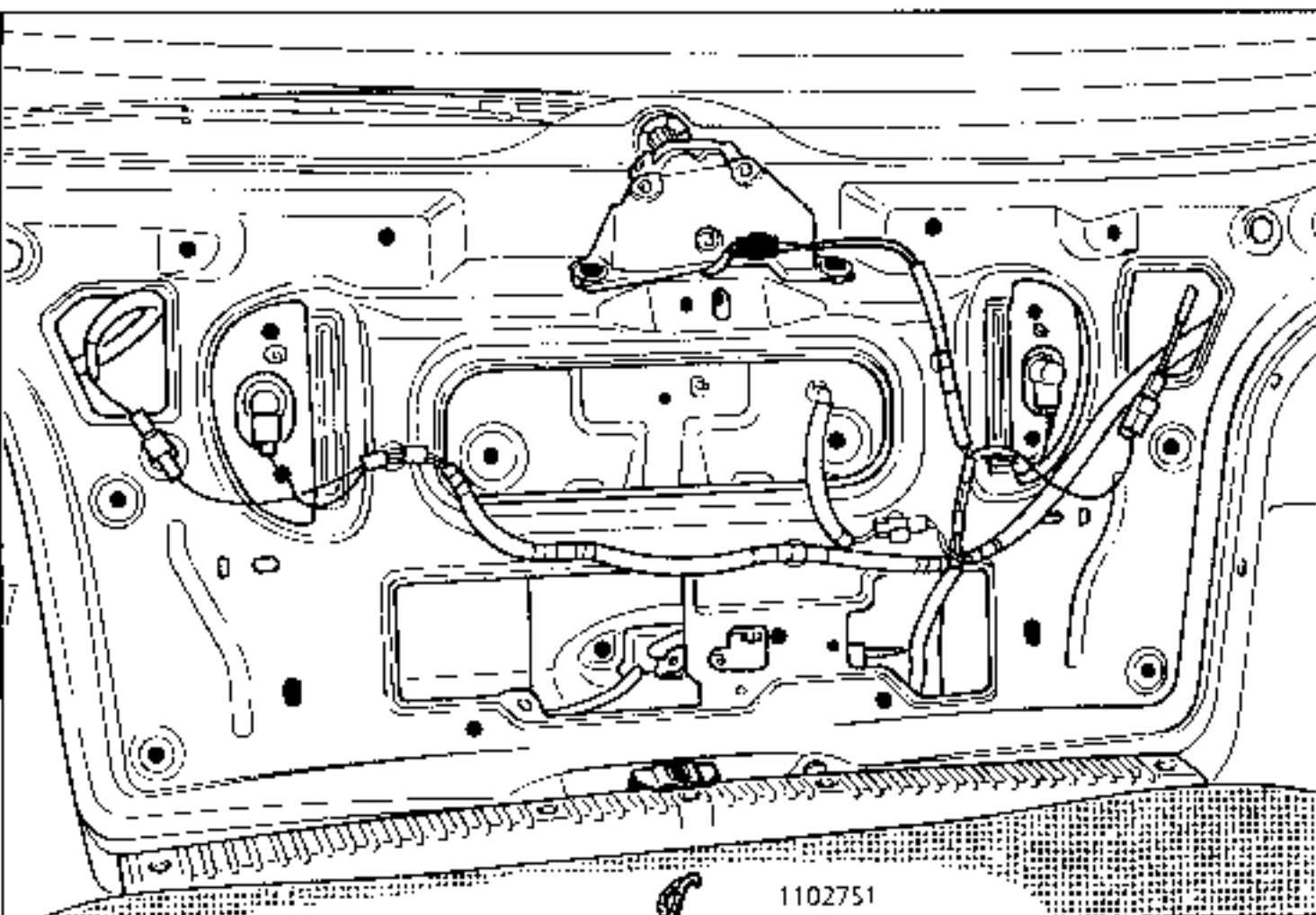
1	Rear end panel, upper section	1
2	Rear end panel, lower section	1
3	Rear quarter panel lining	0.7
4	Lights mounting	0.7
5	Rear end cross member	0.8
6	Lights mounting joint reinforcement	1
7	Bumper mounting joint reinforcement	1.2
8	Wing panel	0.8





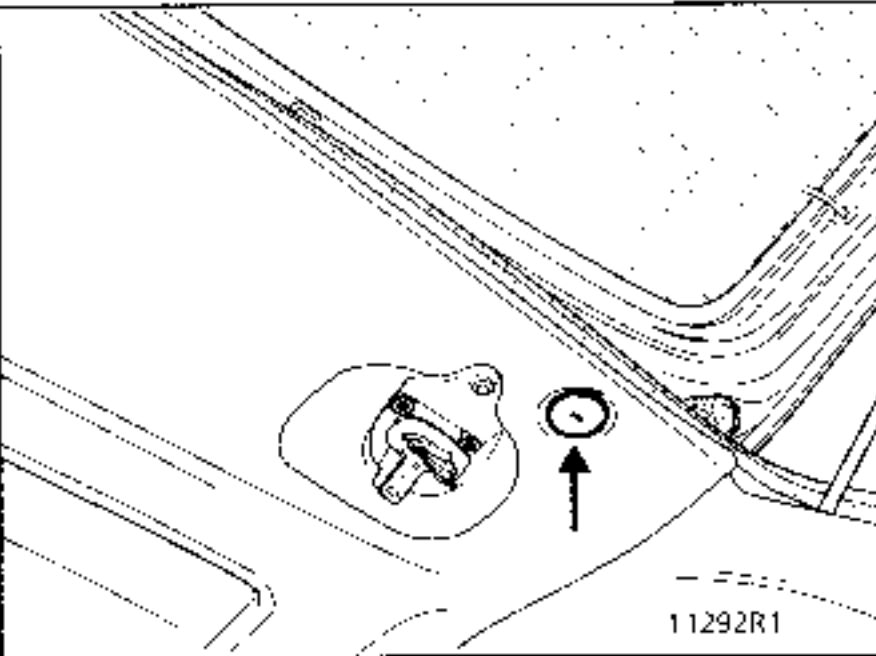


## REMOVAL

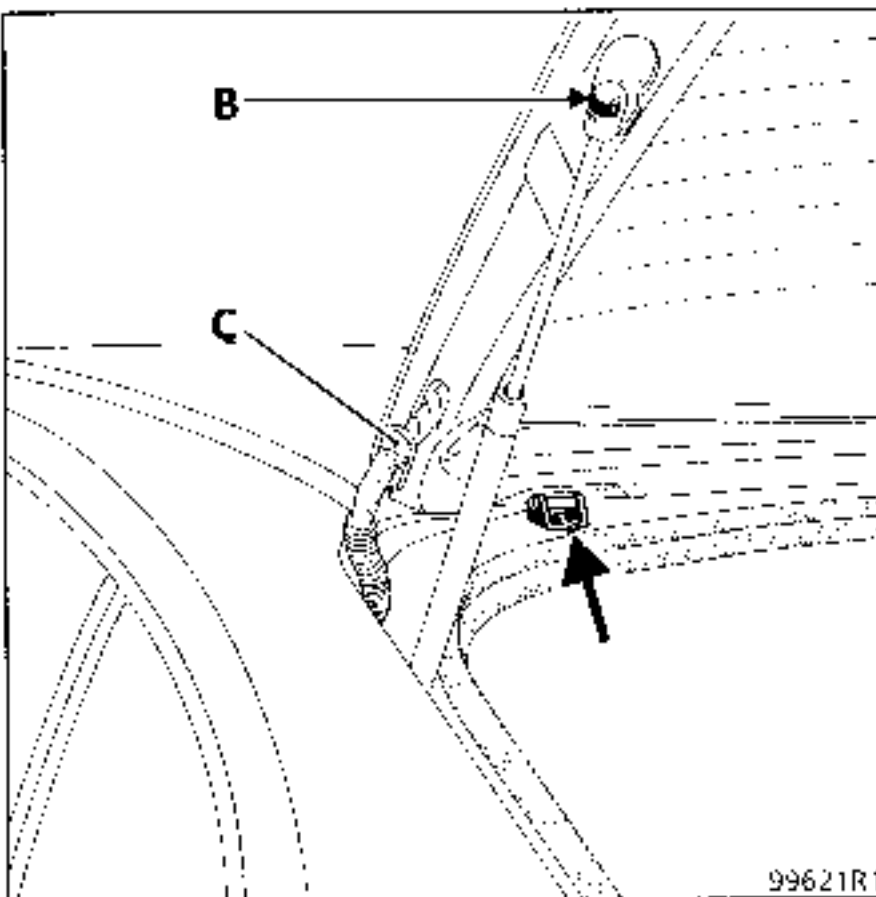


Remove the tailgate lining (see 73A).

Disconnect the various wiring looms.



Using a flat screwdriver, remove the two tailgate mounting covers, turning them a quarter turn anti-clockwise.



Unclip the tailgate balancers at (B).

Release the tailgate wiring cable guide (C) and disconnect the wiring connector for the 3rd stop light.

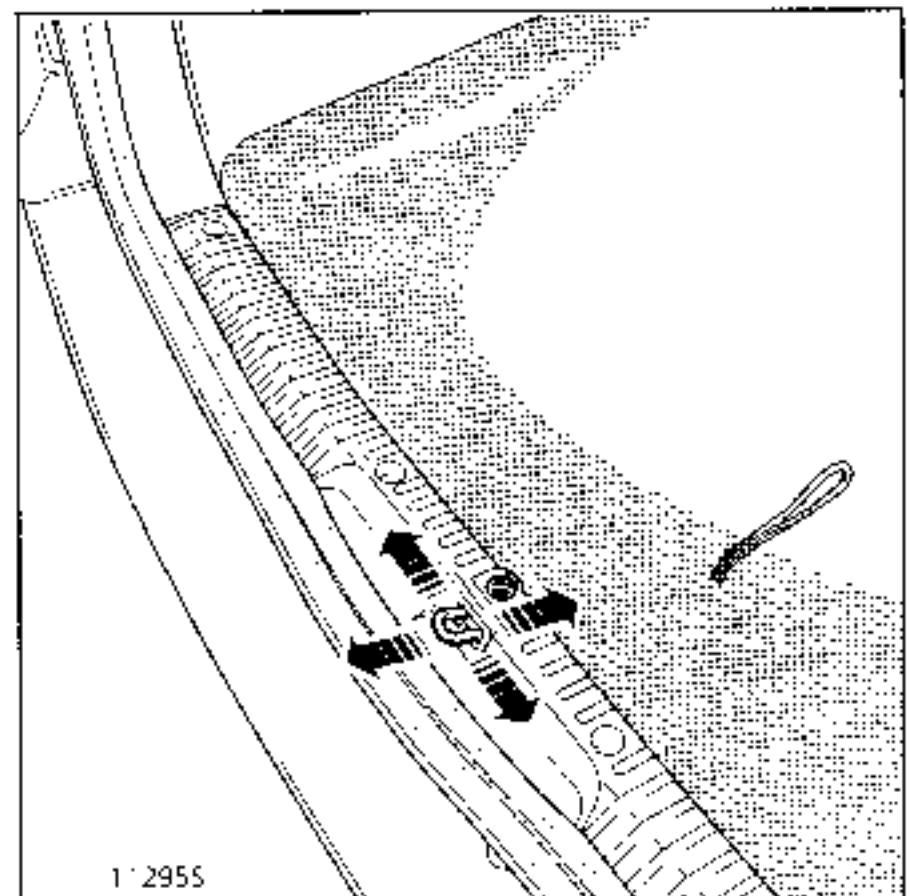
Remove the tailgate wiring loom.

Disconnect the rear screen washer jet supply pipe at the cable guide on the right hand side of the tailgate.

## REFITTING

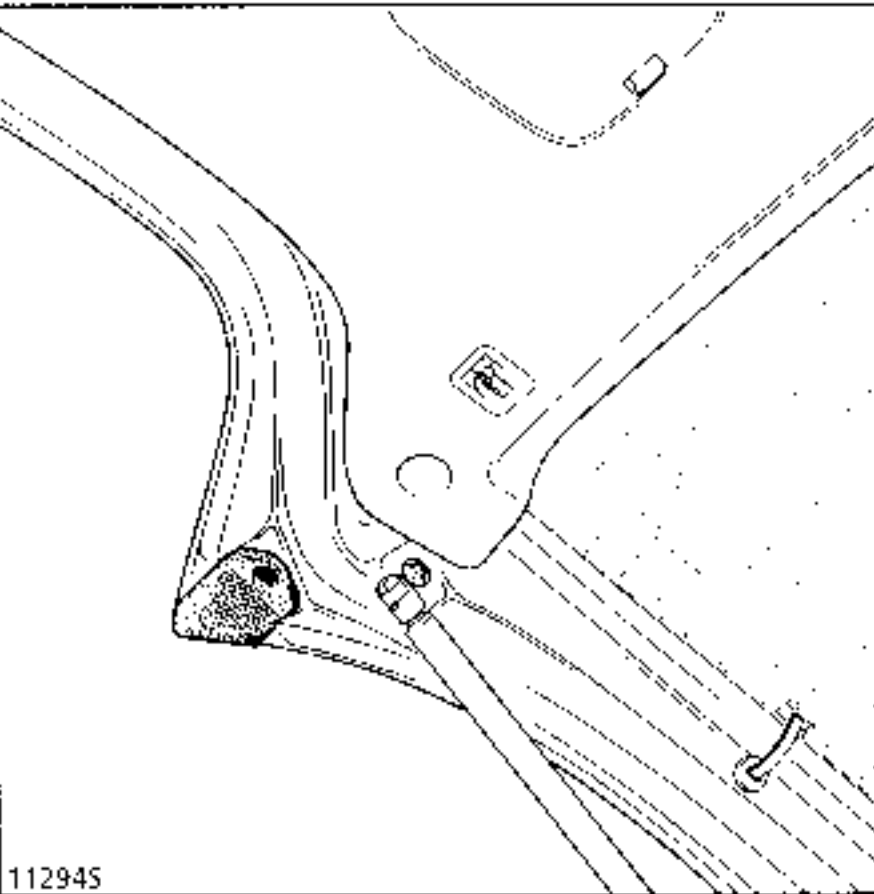
When refitting, ensure the rain channel is sealed by applying a bead of IXFIL sealing mastic between the hinge and the bodywork.

## ADJUSTMENT

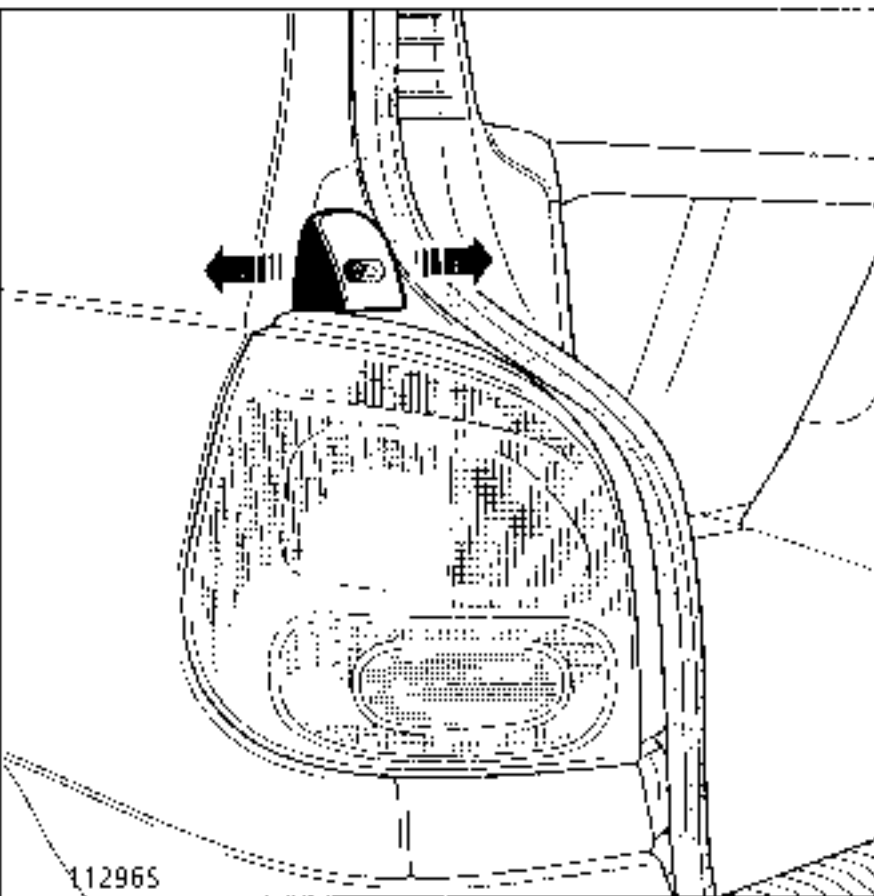


**NOTE :** before beginning the adjusting operations below, slacken the mounting bolt for the lock striker plate so that stress is not caused when the tailgate is closed.



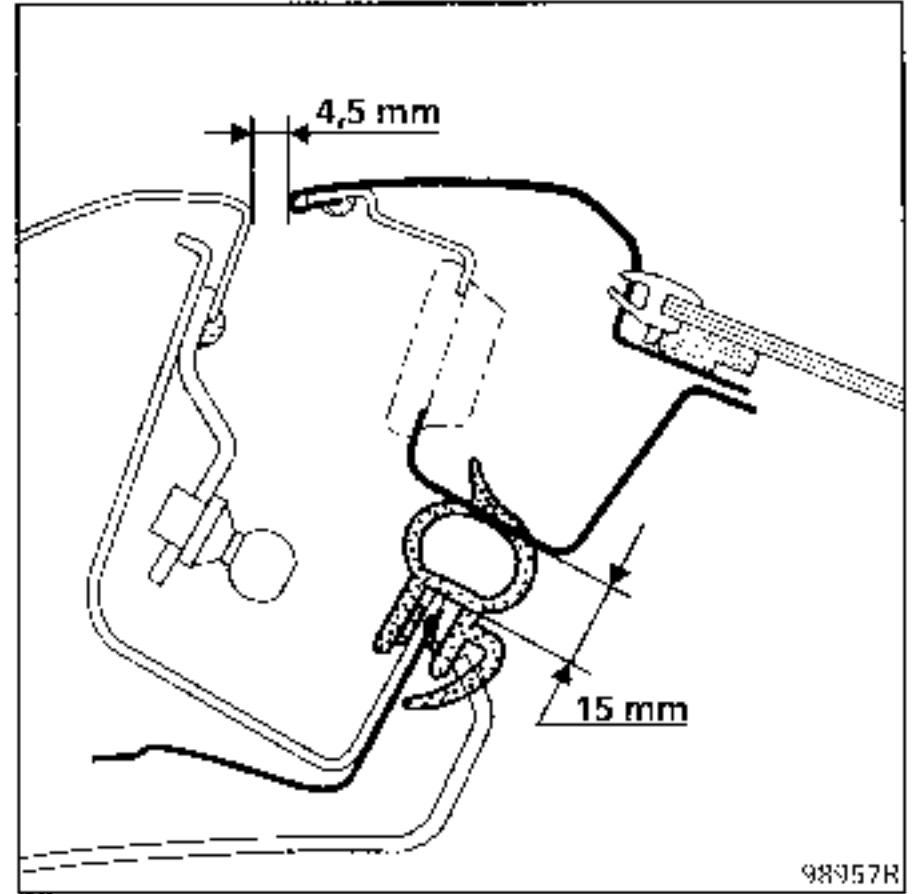


Position the fixed stops on the tailgate.



Fit the luggage compartment seal.

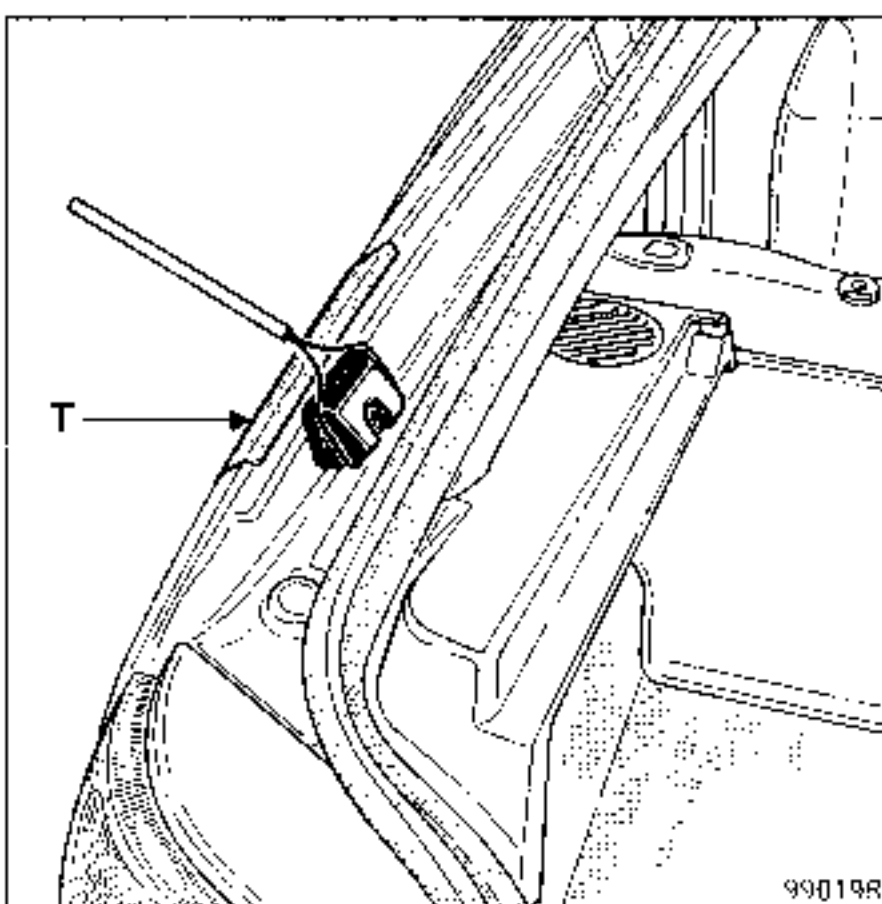
Position the adjustable stops on the bodywork.



Check the tailgate clearance in relation to the wings ( $5,4 \text{ mm} \pm 1$ ) (if the tailgate is not correctly centred, adjust the hinges).

Adjust the striker plate to give sufficient pressure on the seal (dimension 15 mm).

Adjust the side stops as described below.



Pull the metal wire to bring the stops into contact with the tailgate.

Using the strip of paper, check the adjustment (the paper should slide without tearing).

Open the tailgate once more and lock the stops.

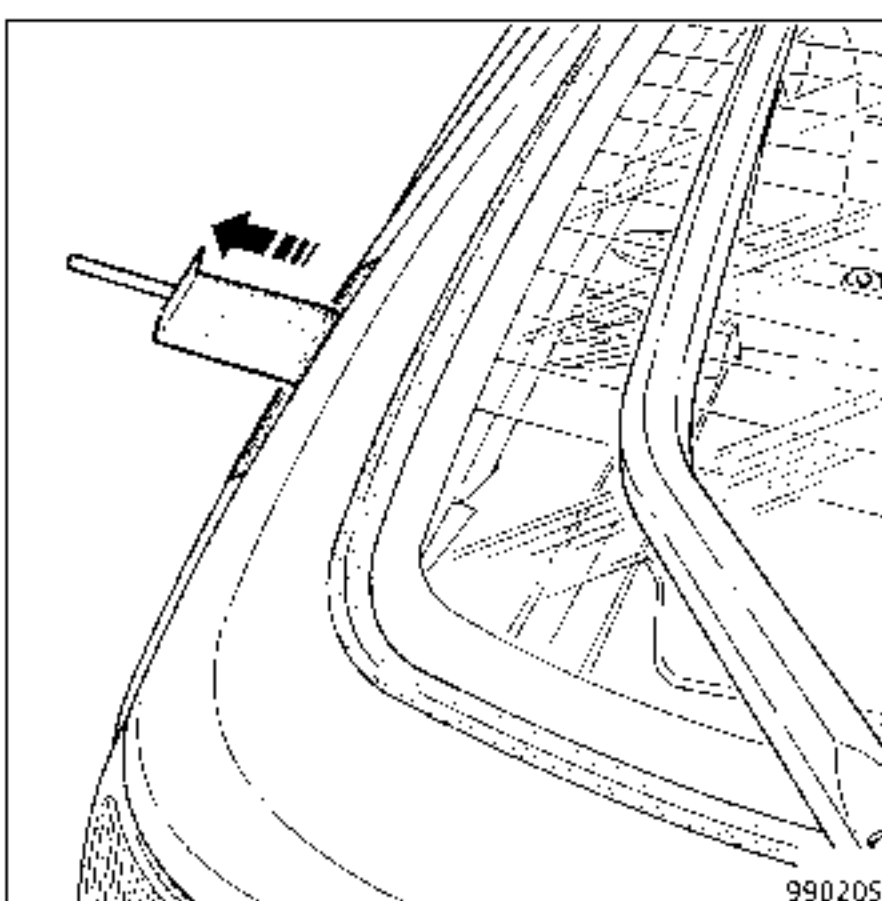
#### ADJUSTING THE STRIKER PLATE

Refer to section 52A, this adjustment must be made last of all and should not affect the peripheral clearance adjustments made earlier. Only the ease of closing the tailgate is adjusted in this operation.

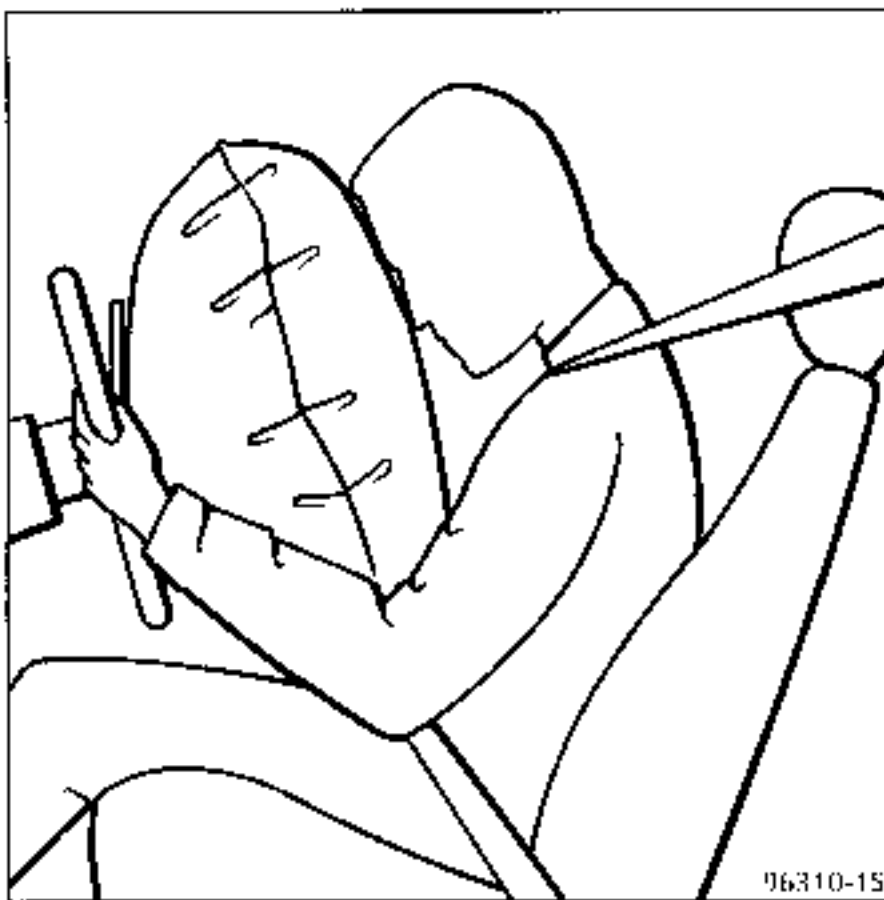
Protect the bodywork using masking tape (T).

Using a welding rod (wire diameter 1.5 mm) make a loop around the stop as shown in the diagram above.

Insert a strip of masking paper between the stop and the tailgate, then close the tailgate.

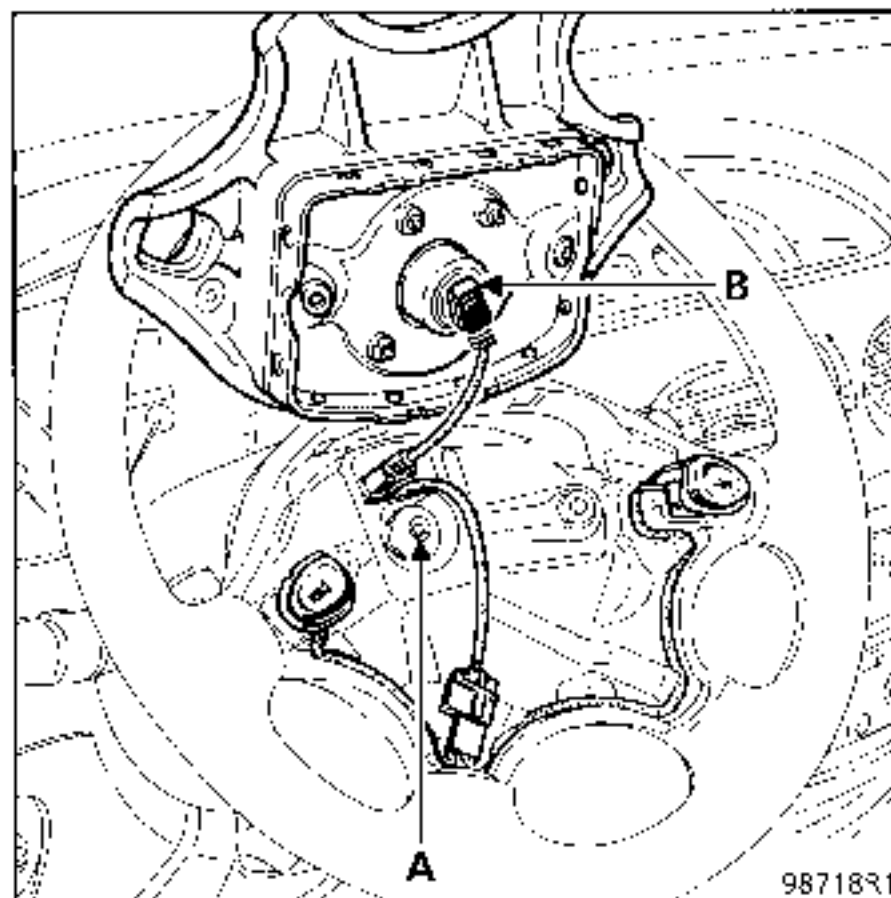


## AIRBAG AND PRETENSIONERS



**IMPORTANT :** All operations on the **Airbag** and **pretensioner systems** must be performed by qualified, appropriately trained personnel only. The manual **AIRBAG** section **88** **MUST** be consulted.

**IMPORTANT:** when working on the vehicle, take care not to cause impacts under the body, without having removed the pretensioners fuse and having waited 5 minutes for the reserve capacity to discharge.  
**Refer to section 88 - "Fuse allocation".**



Each time the steering wheel is removed, the steering wheel bolt (A) must be renewed.  
**Refer to section 88.**

**IMPORTANT :** Each time the steering wheel is removed, the Airbag connector (B) must be disconnected.  
The Airbag has a connector which short circuits when it is disconnected to avoid any incorrect triggering.

## HEAT SHIELDS

These must be refitted, whether by mechanical technicians or bodywork technicians.

## TIGHTENING TORQUES

All recommended tightening torques must be observed.

## PRODUCTS

Read all instructions for using products with care and observe the safety instructions by using the appropriate equipment (gloves, mask etc.).

## SPECIAL TOOLING REQUIRED

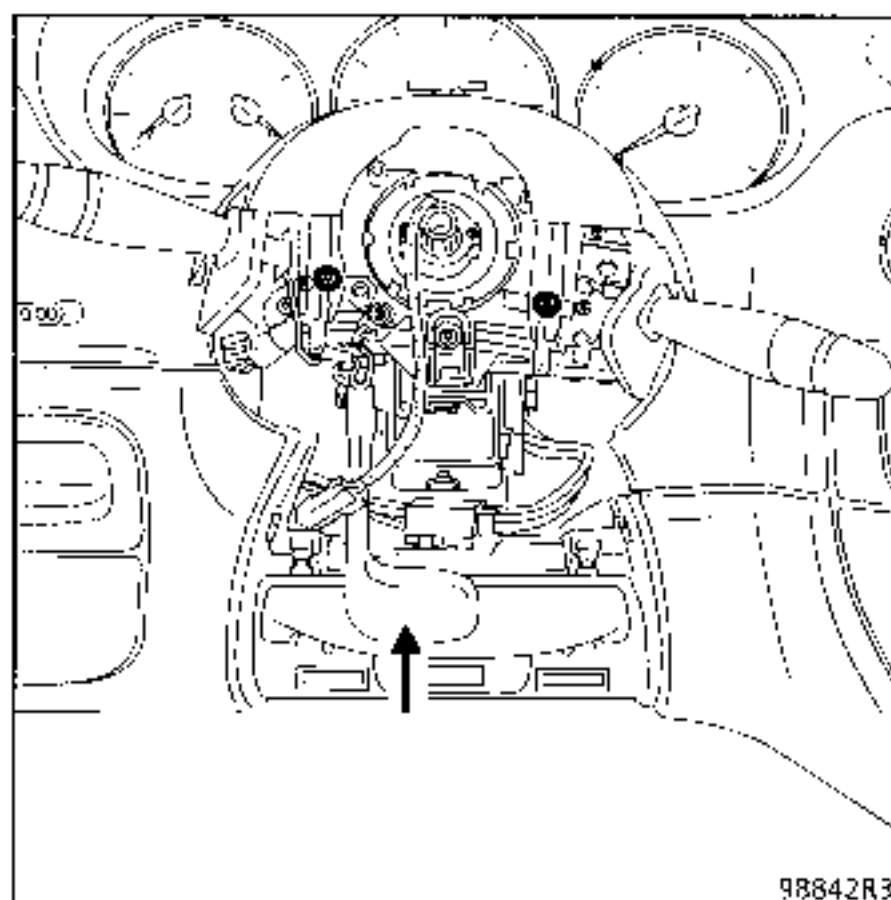
Torque wrench

RELEASING THE STEERING COLUMN HEIGHT  
ADJUSTMENT MECHANISM WHEN REMOVING  
THE DASHBOARD

## TIGHTENING TORQUES (in daN.m)



Self locking nut	0.6
Lock nut	1.2

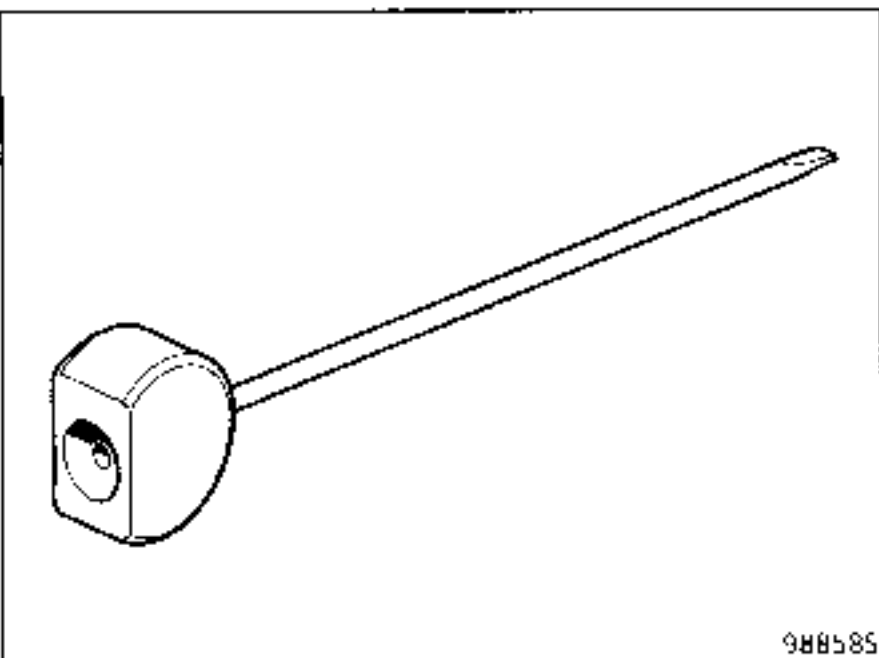


98842R3

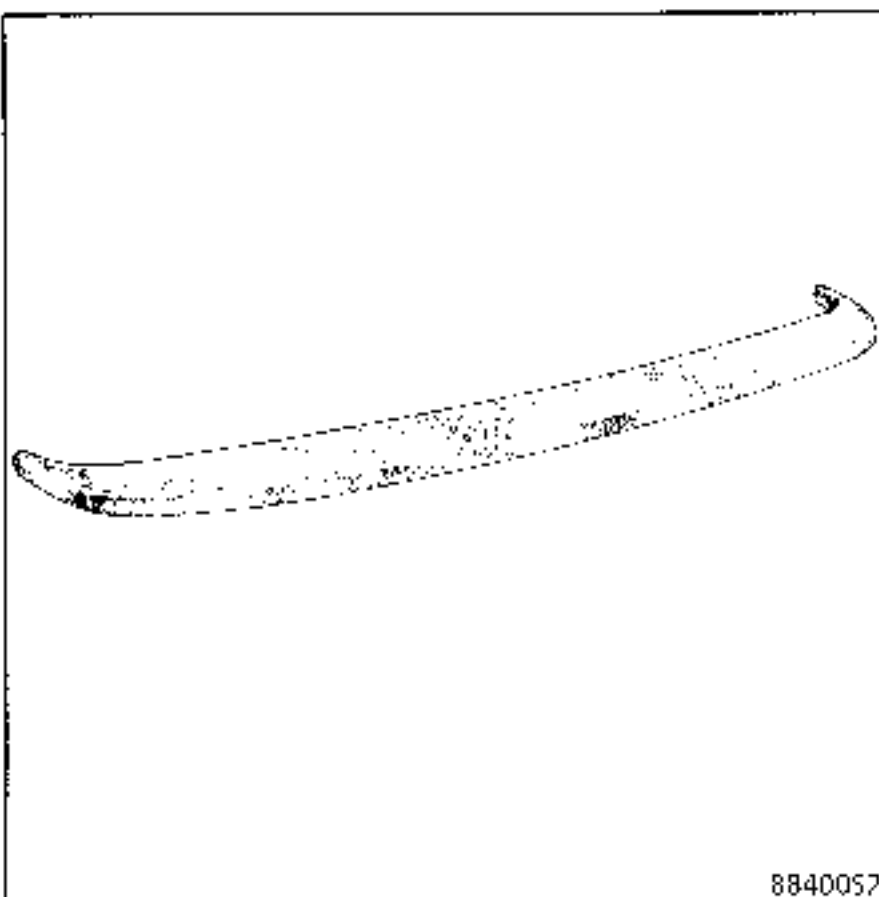
**IMPORTANT:** when removing the dashboard, the steering column height adjustment mechanism handle must be released.

The method described in the section "Releasing the steering column height adjustment mechanism handle" in section 57E must be observed.

If this torque is not observed, it may be extremely dangerous and could cause the driver a high degree of discomfort.

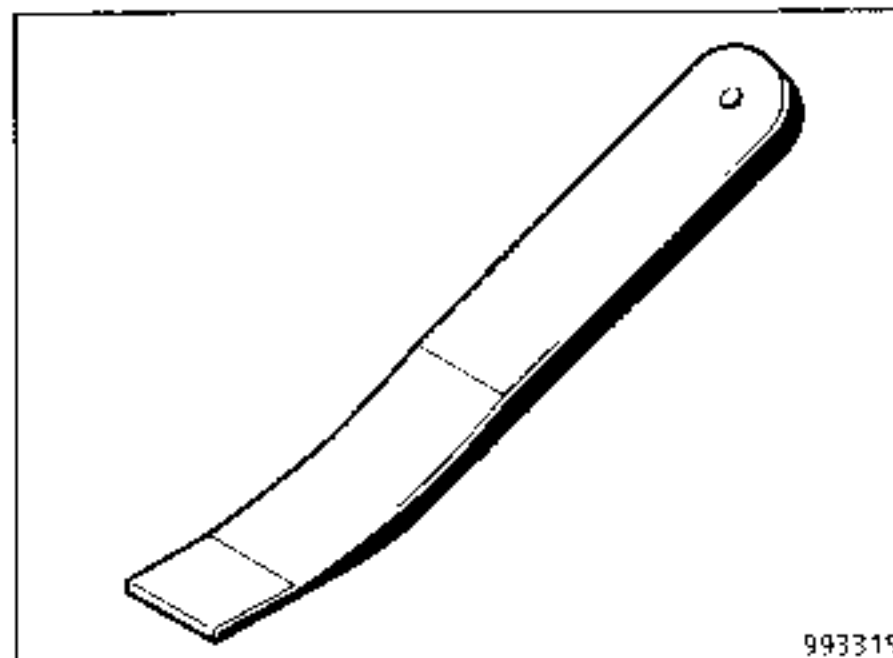


Hollow threading tool.



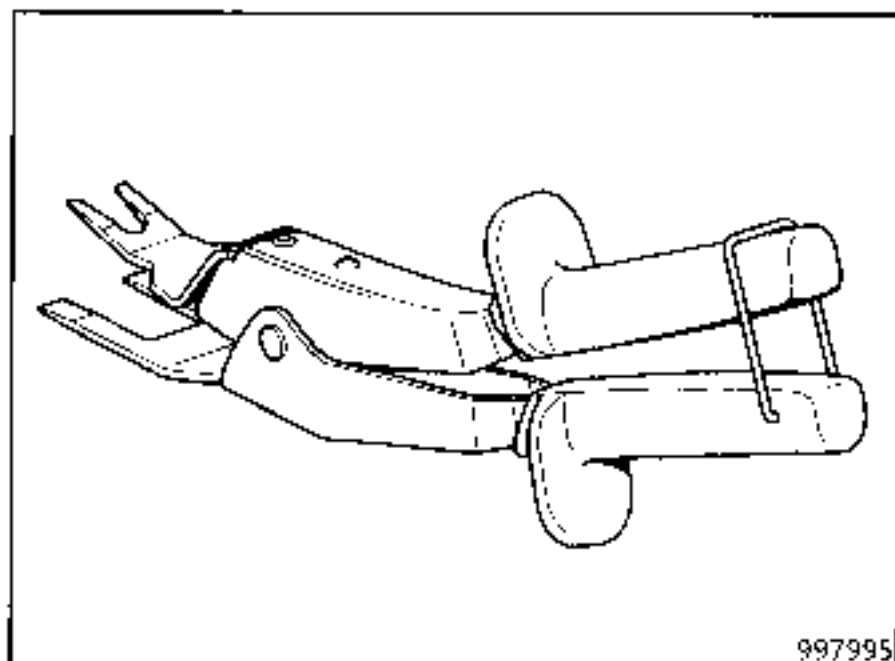
Dashboard protector Car. 1406  
Part Number: 00 00 140 600

The tooling recommended for replacing the windscreen is listed in Technical Note 371A concerning the bonding of windows.



Tool for removing the exterior rear view mirror glass Car. 1363 - Part Number : 00 00 136 300.

This tool may also be used for removing the roof trim strips and the exterior door weatherstrips.

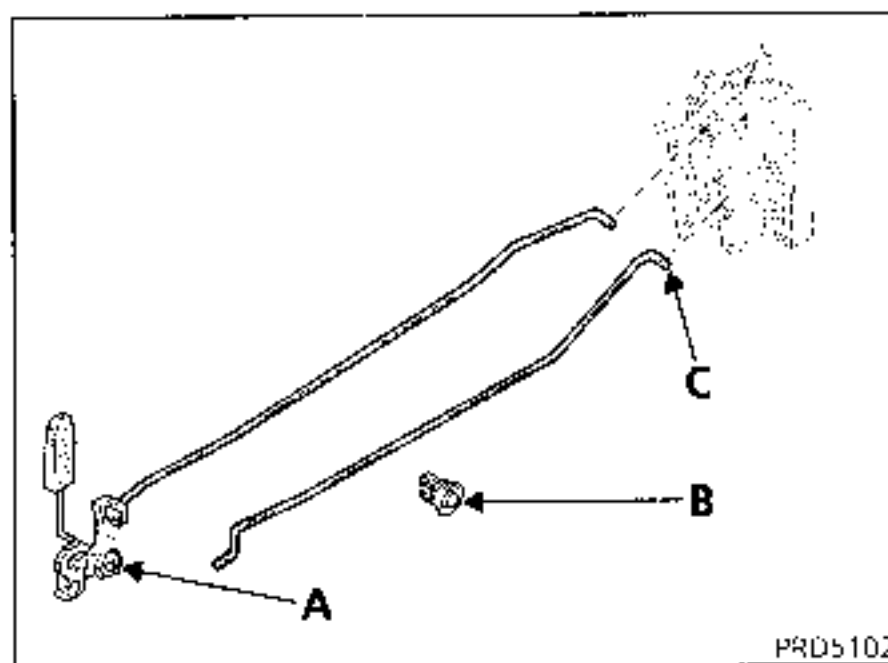


**SODICAM** unpicking pliers.

Using these pliers, clips may be easily removed and interior lining clips such as those used for door panels, carpet, soundproofing and mud-guard mountings may also be released.

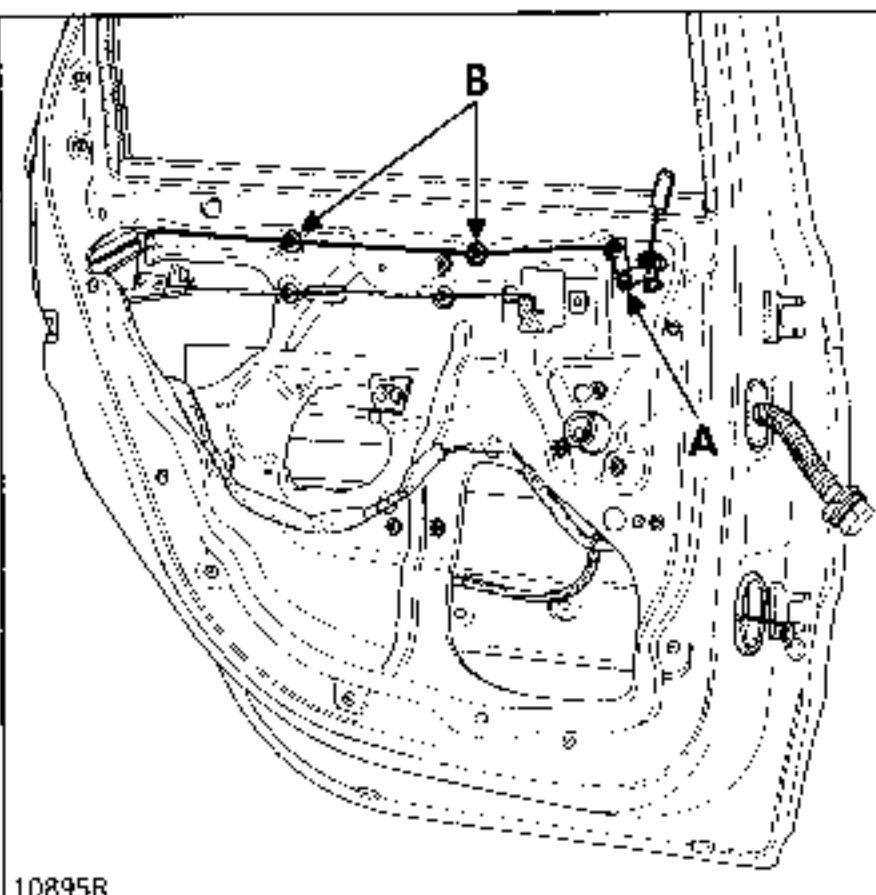
**Door window winder handles** may also be removed (apply a piece of masking tape to the bearing surface on the door lining first to avoid damaging it during removal).

The bevelled, flat nose allows easy access, without causing damage underneath clips. The clip heads are not deformed and may therefore be re-used on refitting.



## REMOVAL

Remove the rear door lining (see 72B).



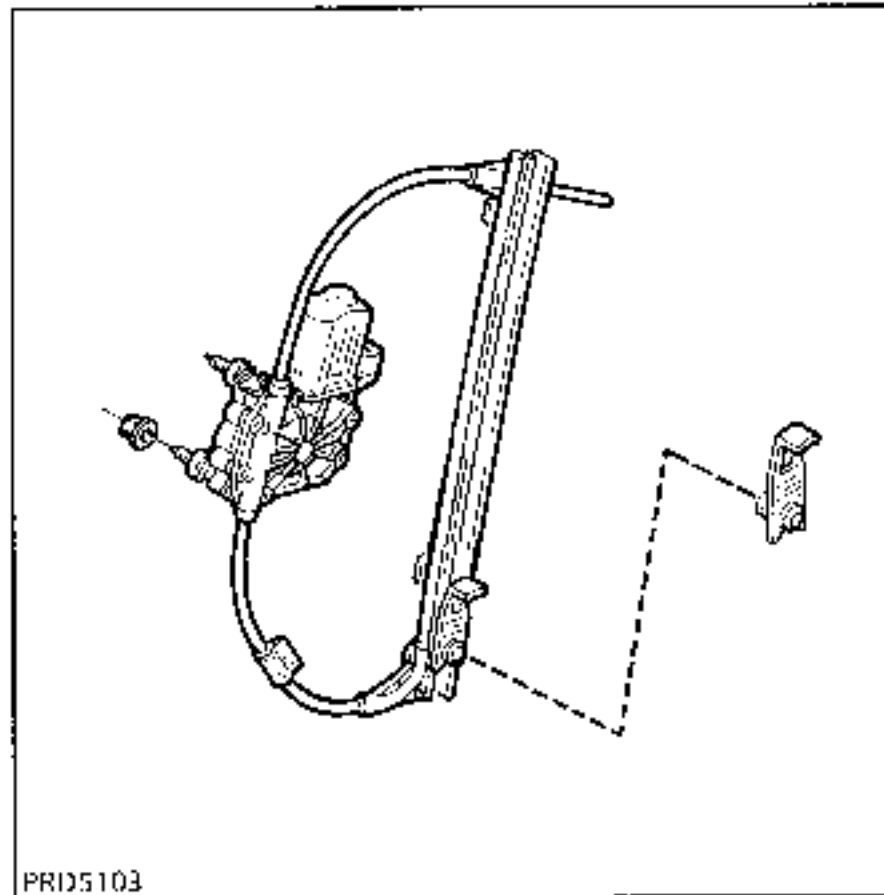
Using flat pliers, unclip:

- the return bracket (A) from its shaft, clipped to the lining,
- the button control linkage at the clips (B).

Remove the retaining clip (C) for the linkage at the door lock.

**NOTE :** the control linkage / return bracket assembly cannot be separated.

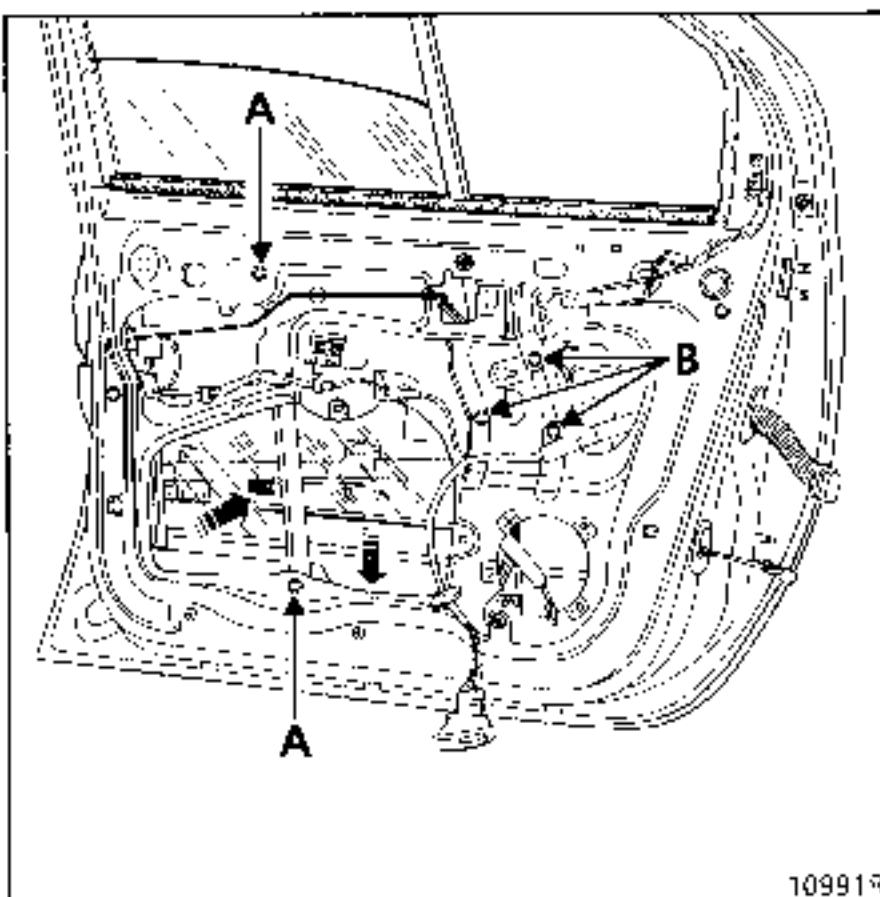
The complete assembly must be renewed if replacement is required.



## REMOVAL

Remove:

- the front door lining (see 72A),
- the interior door weatherstrip,
- the interior and exterior side impact absorbers (see 59A and B),
- the sliding window and the fixed pillar (see 54A),



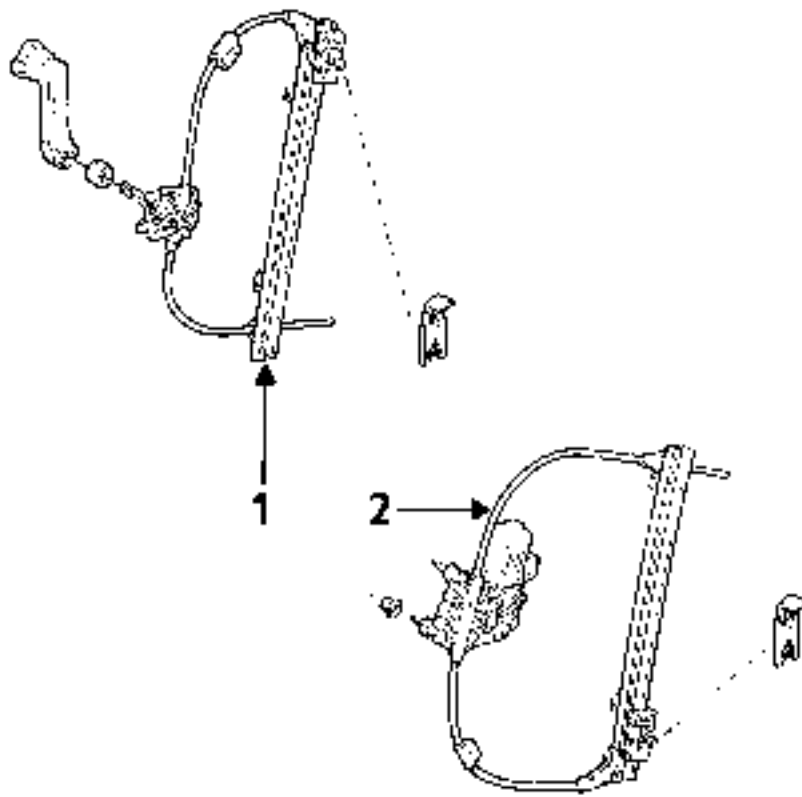
- the two mounting bolts (A) for the window drive rail.

Lift the rail slightly to release the retaining bracket (A) from the door lining.

Remove the three mounting bolts for the electric window motor (B) and disconnect the motor control connector.

Tilt the assembly and remove it via the opening in the box section.



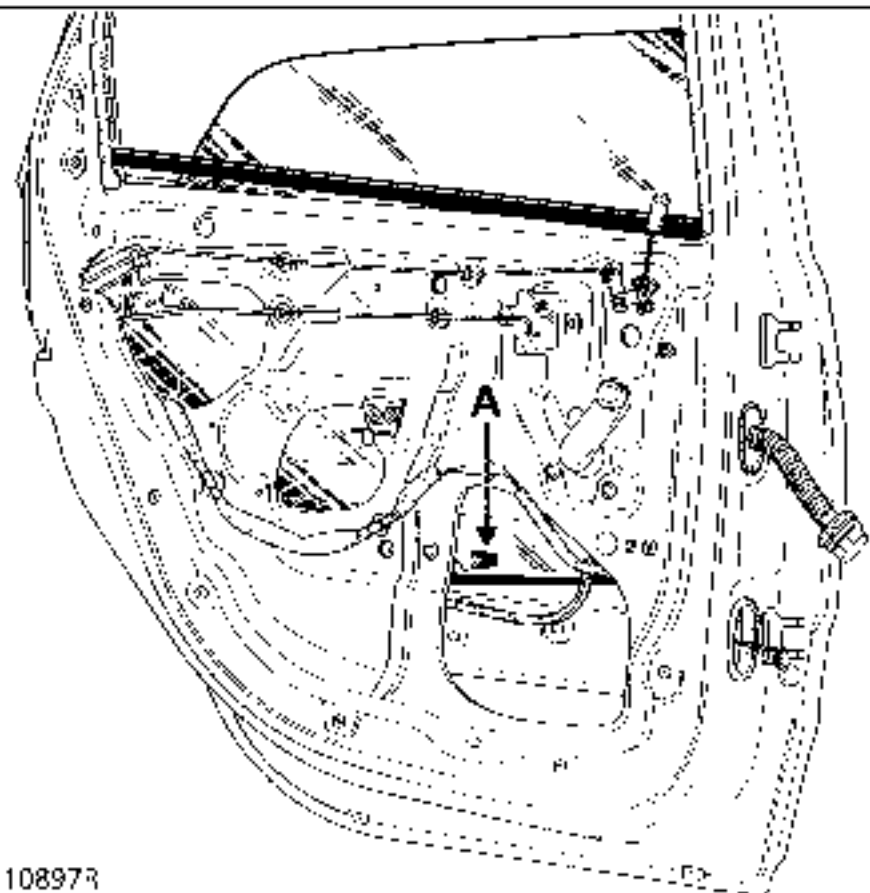


PRD5104

Remove:

- the rear door lining (see 72B),
- the rear door interior weatherstrip.

#### REMOVING THE WINDOW WINDER (MANUAL) (1)

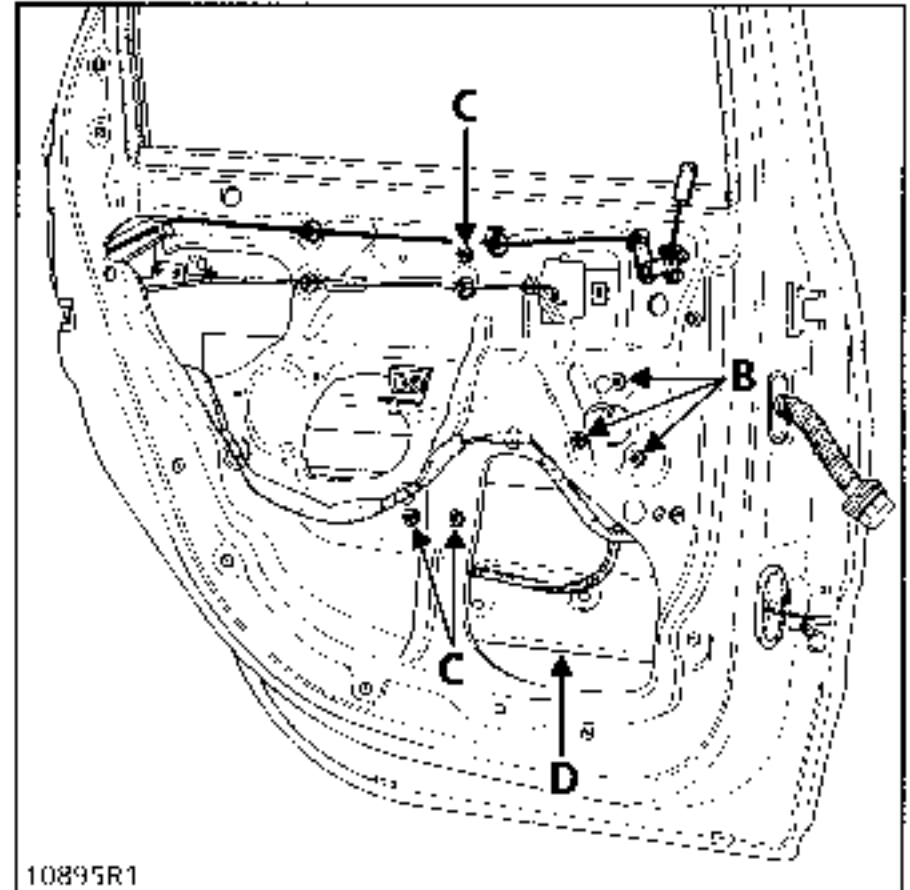


108973

Lower the window 2/3.

Remove the mounting fork (A).

Release the window from the winder drive bar and put the window in the closed position.

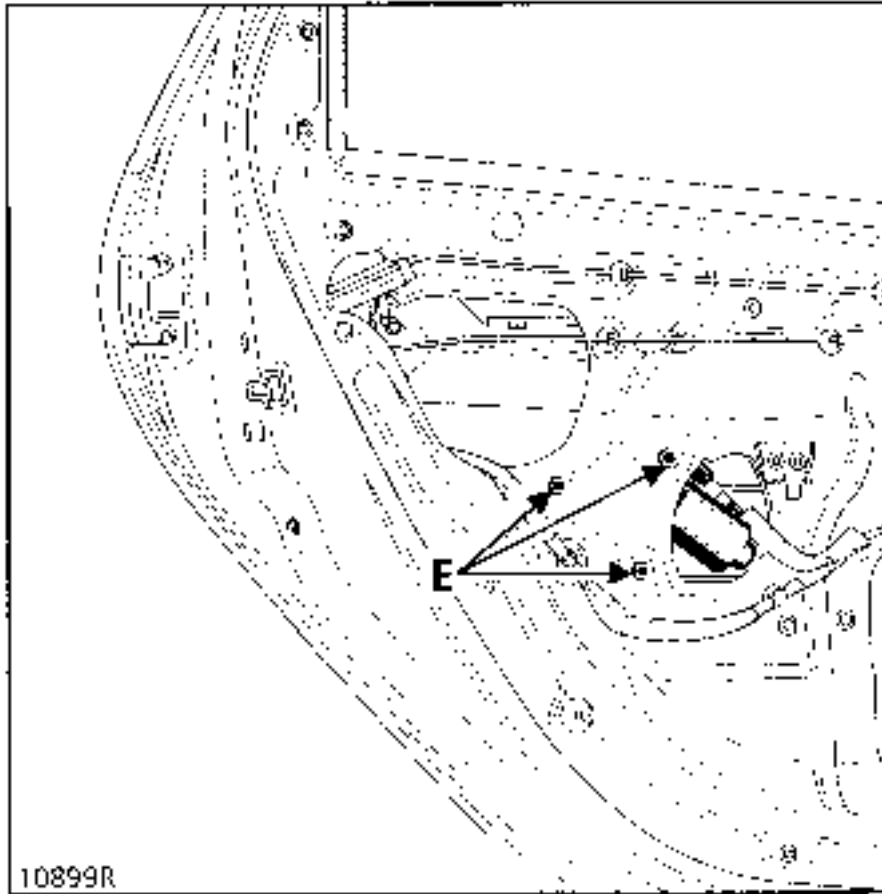


10895R1

Remove the three mounting nuts for the manual mechanism (B) and the three mounting bolts for the drive rail (C) for the sliding window.

Tilt the assembly and remove it via the opening in the box section at (D).

REMOVING THE WINDOW MECHANISM  
(ELECTRIC) (2)

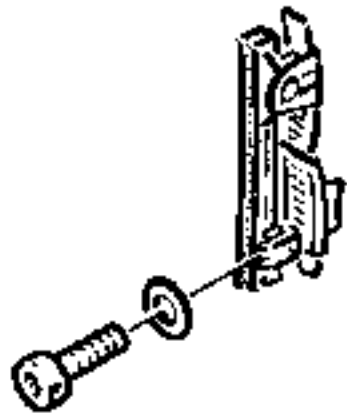


The electric motor is not mounted in the same location as the manual mechanism.

Remove the three mounting bolts (E).

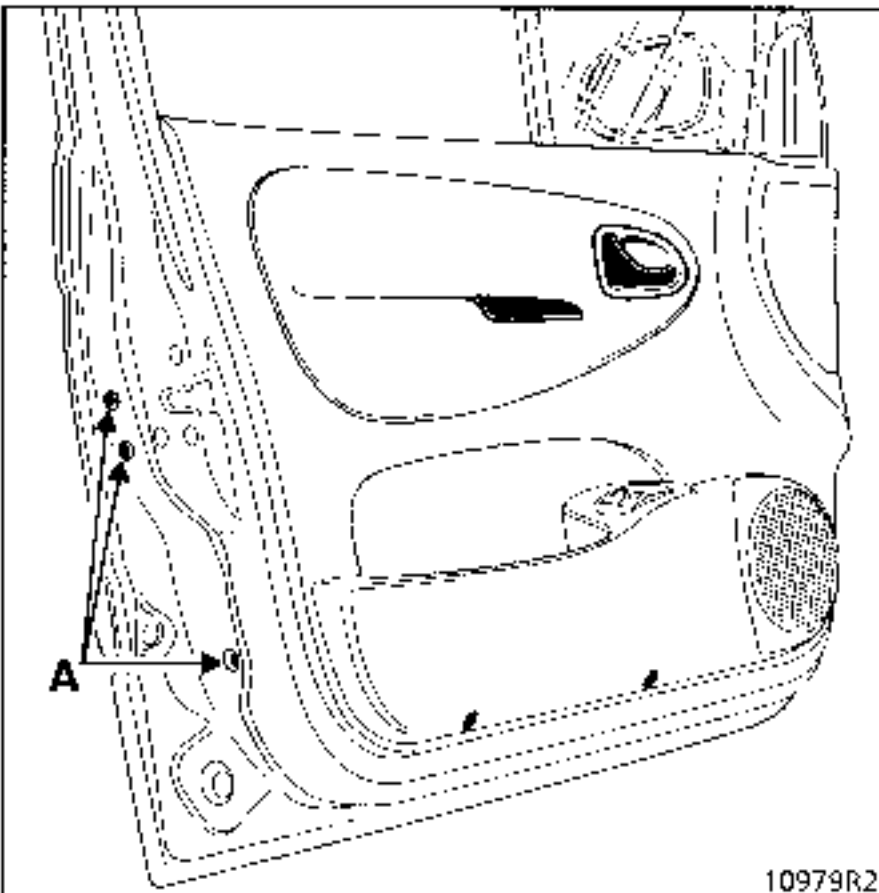
Take the connector off the motor.

For the remainder of removal, proceed as for the manual window winder mechanism.



PRD51Q1

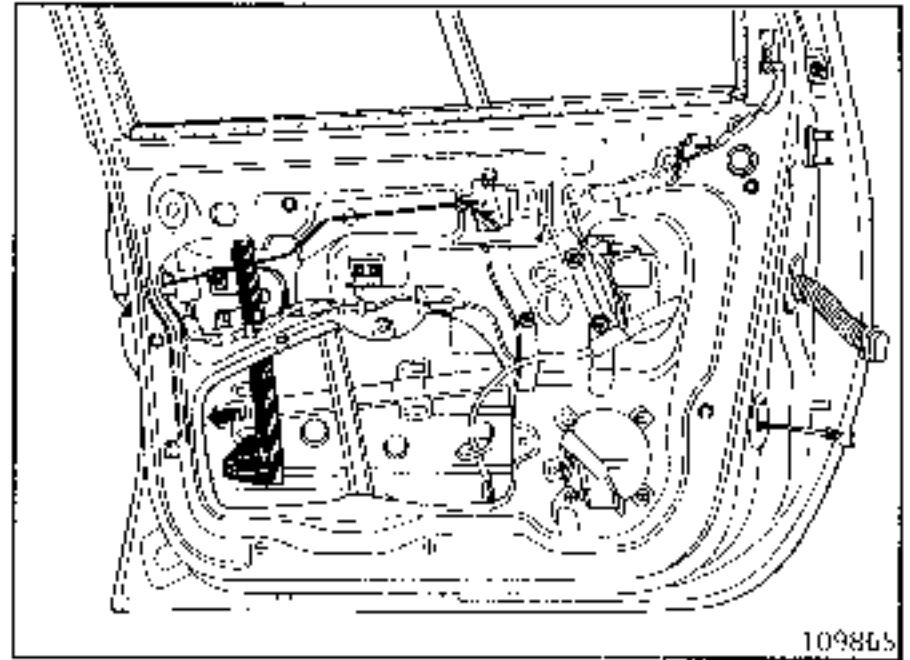
## REMOVAL



10979R2

Remove:

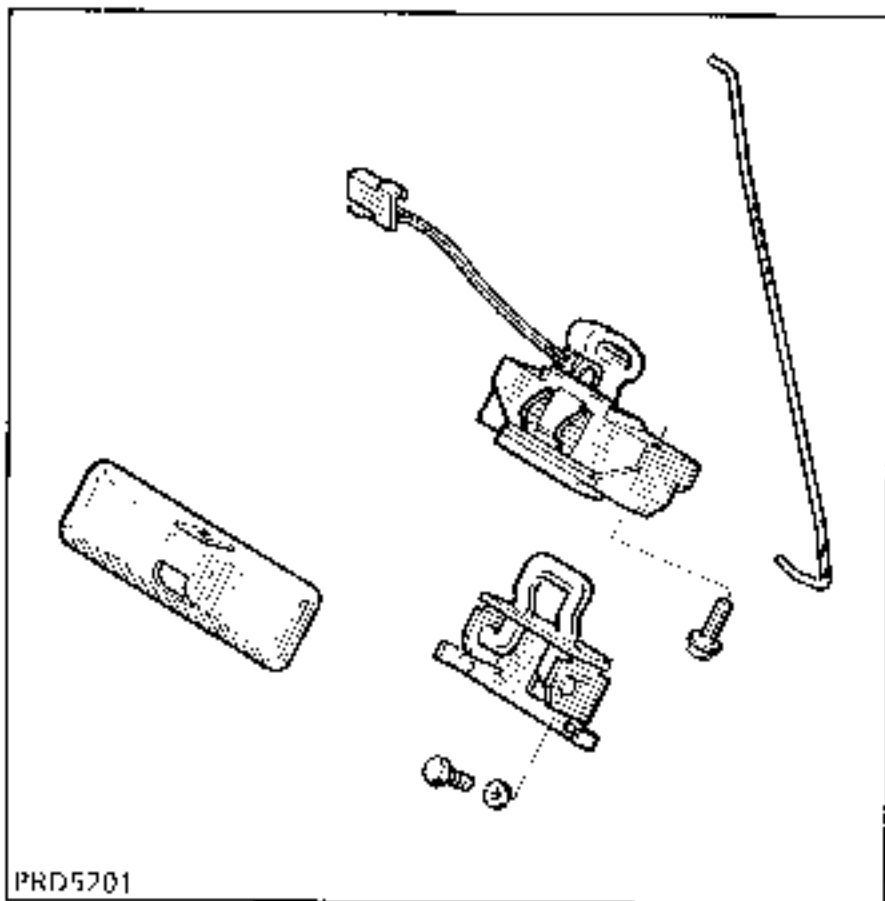
- the front door lining (see 72A),
- the interior and exterior pelvic protection systems (see 59A and B),
- the three mounting bolts for the theft-proof pillar (A) at the rear section of the door.



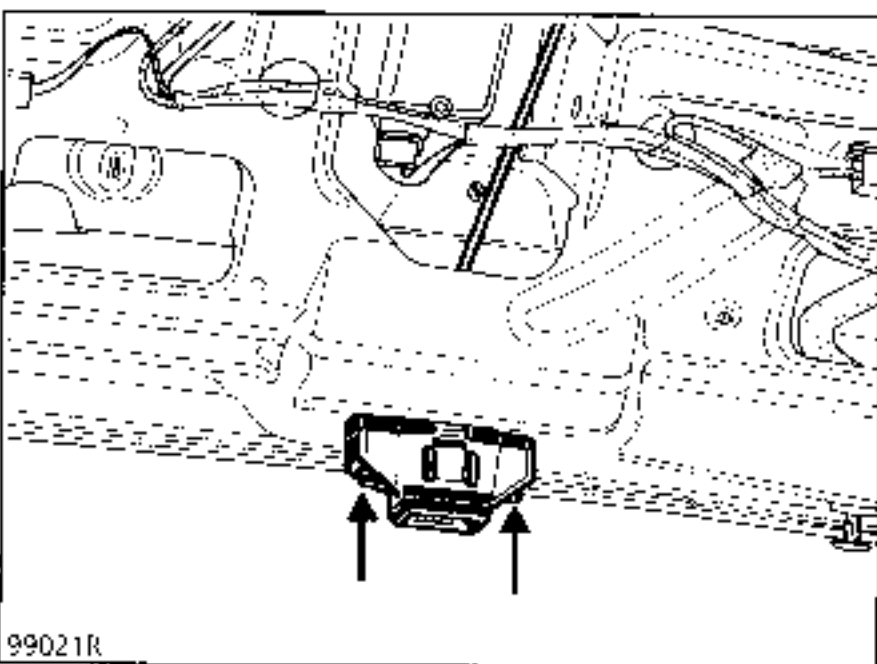
1098L5

Release the theft-proof pillar from the body.

**NOTE :** this operation is required when the front door lock barrel is being replaced.

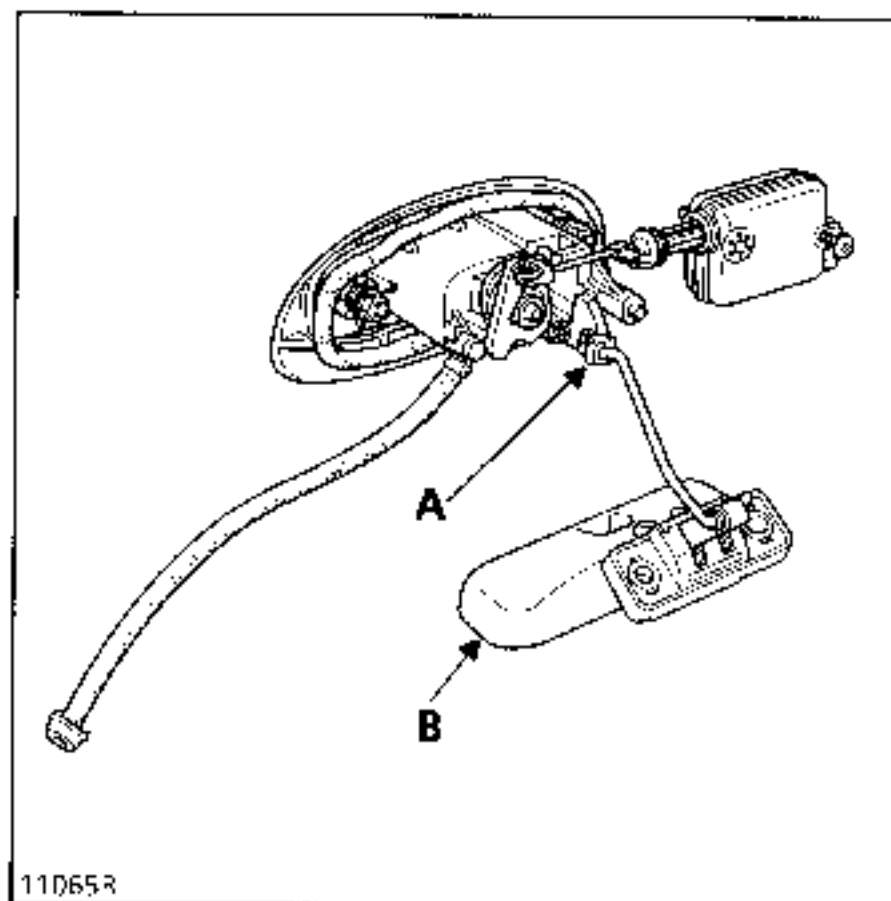


### REMOVING THE LOCK



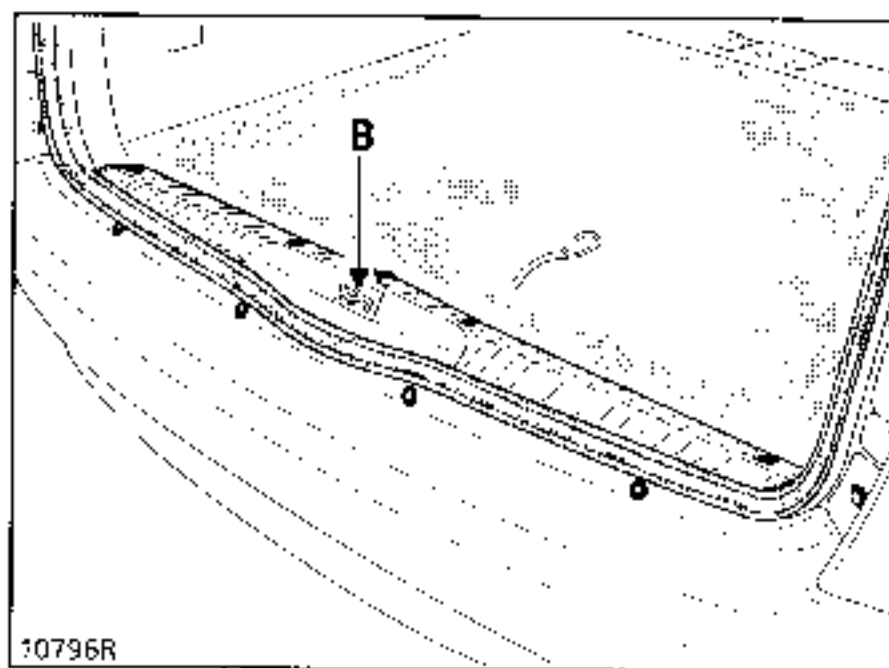
Remove:

- the tailgate lining (see 73A),
- the two lock mounting bolts.



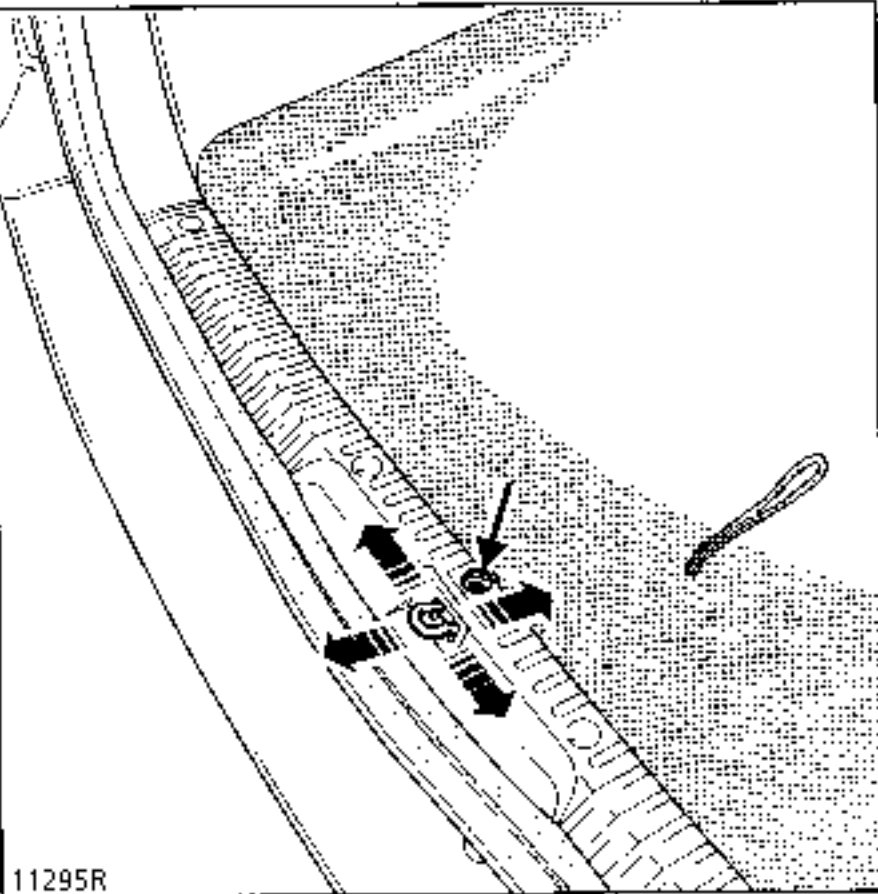
Unclip the opening control linkage at (A).

### REMOVING THE STRIKER PLATE



Remove:

- the luggage compartment sill lining (see 71D),
- the cover (B).

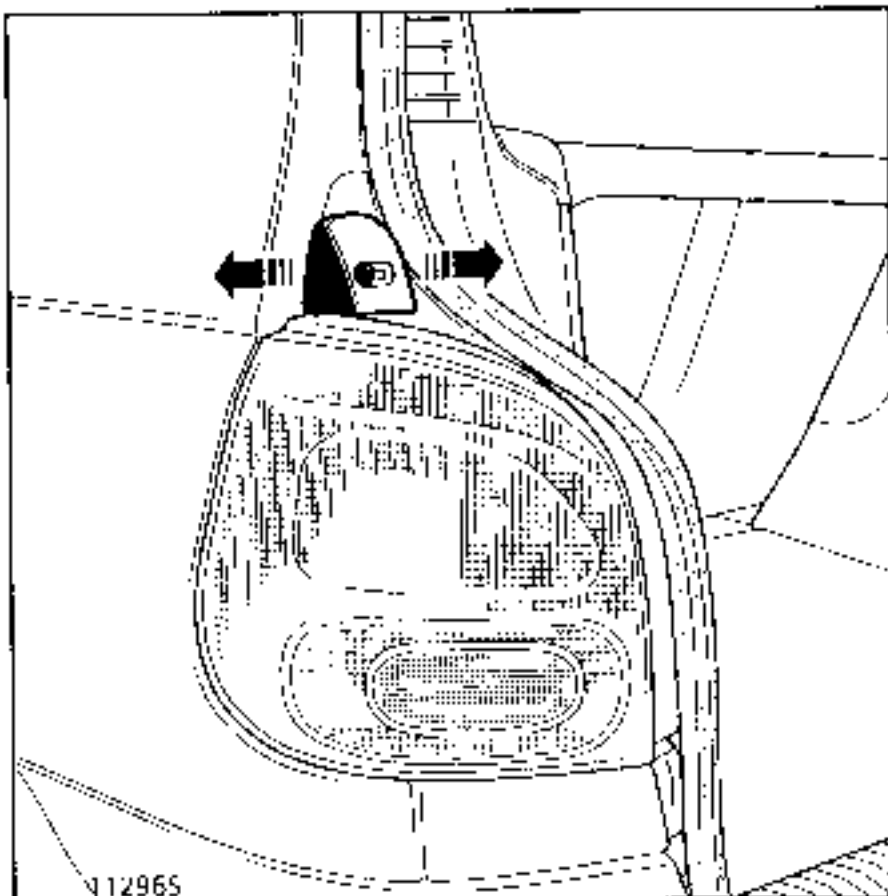


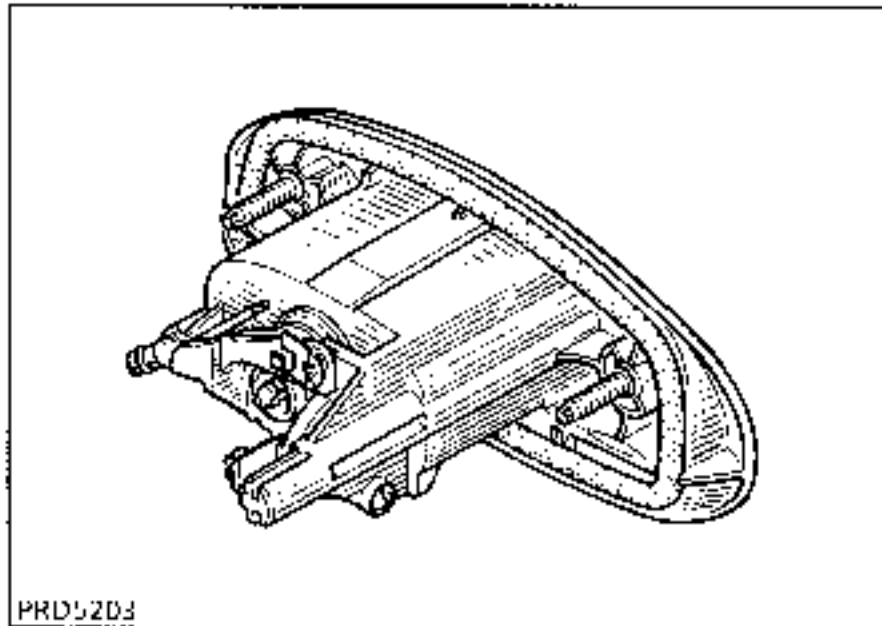
This adjustment only allows the ease of closing the tailgate to be modified. It should be carried out after adjusting the side stops, in order to give the required peripheral clearances before adjusting the striker plate - see section 48.

Slacken the striker plate mounting bolt.

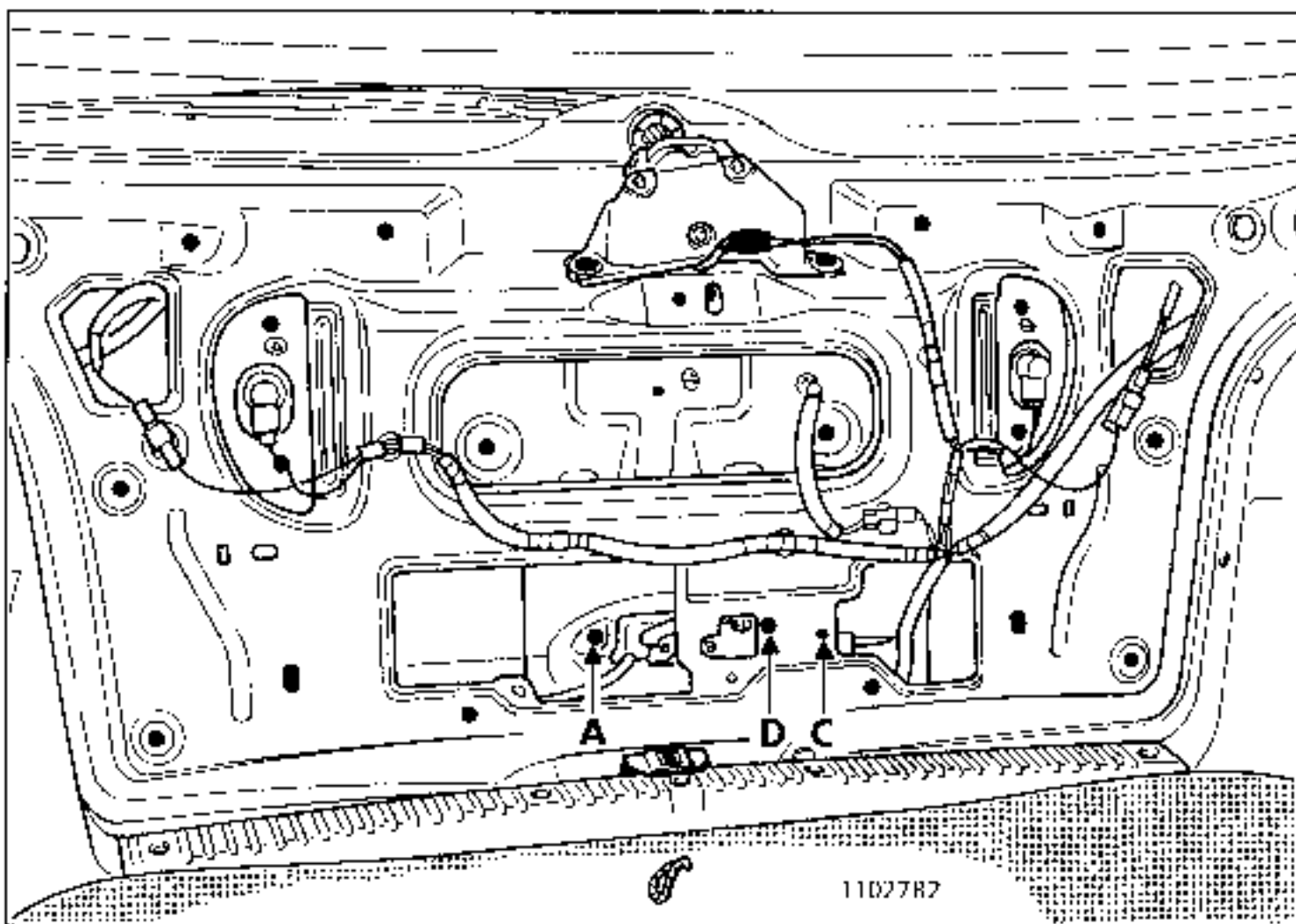
**NOTE :** the arrows on the diagram show the directions in which the striker plate may be adjusted. The luggage compartment sill lining does not need to be removed to adjust the striker plate.

#### ADJUSTING THE STRIKER PLATE





## REMOVAL

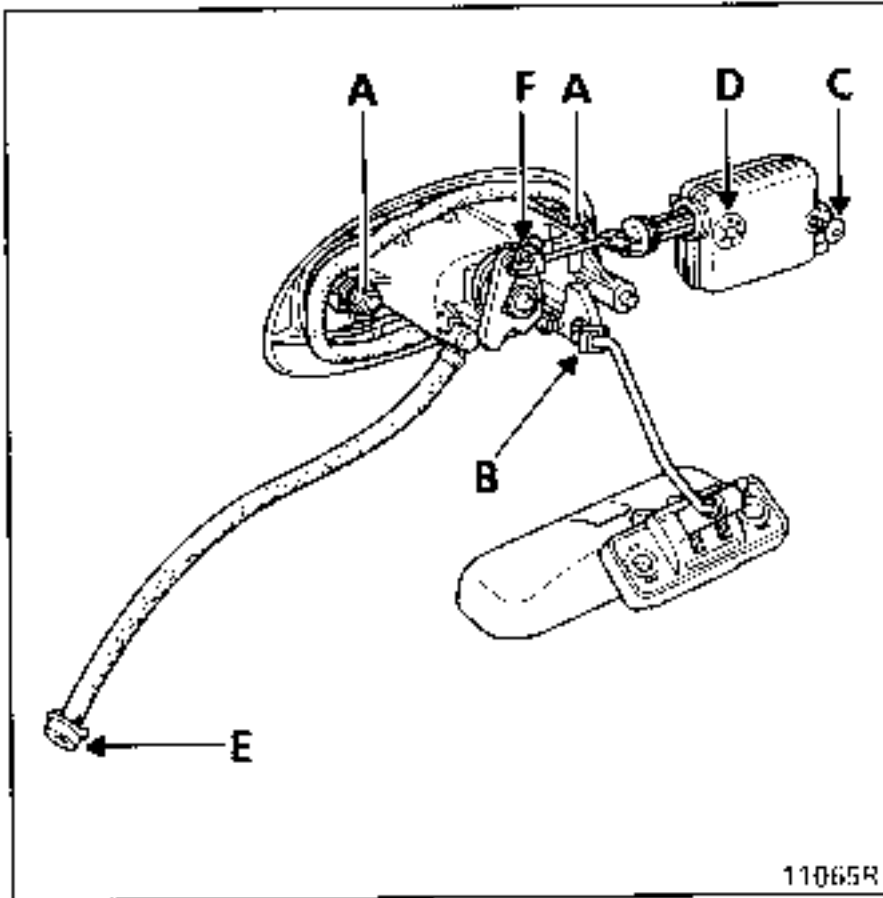


Remove :

- the tailgate lining (see 73A),
- the two mounting nuts (A),
- the opening control linkage (B) (see diagram on following page),
- the locking motor - bolt (C) and clip (D).

Disconnect the locking motor connector.

Unclip the water drain pipe (E) from the tailgate joint.



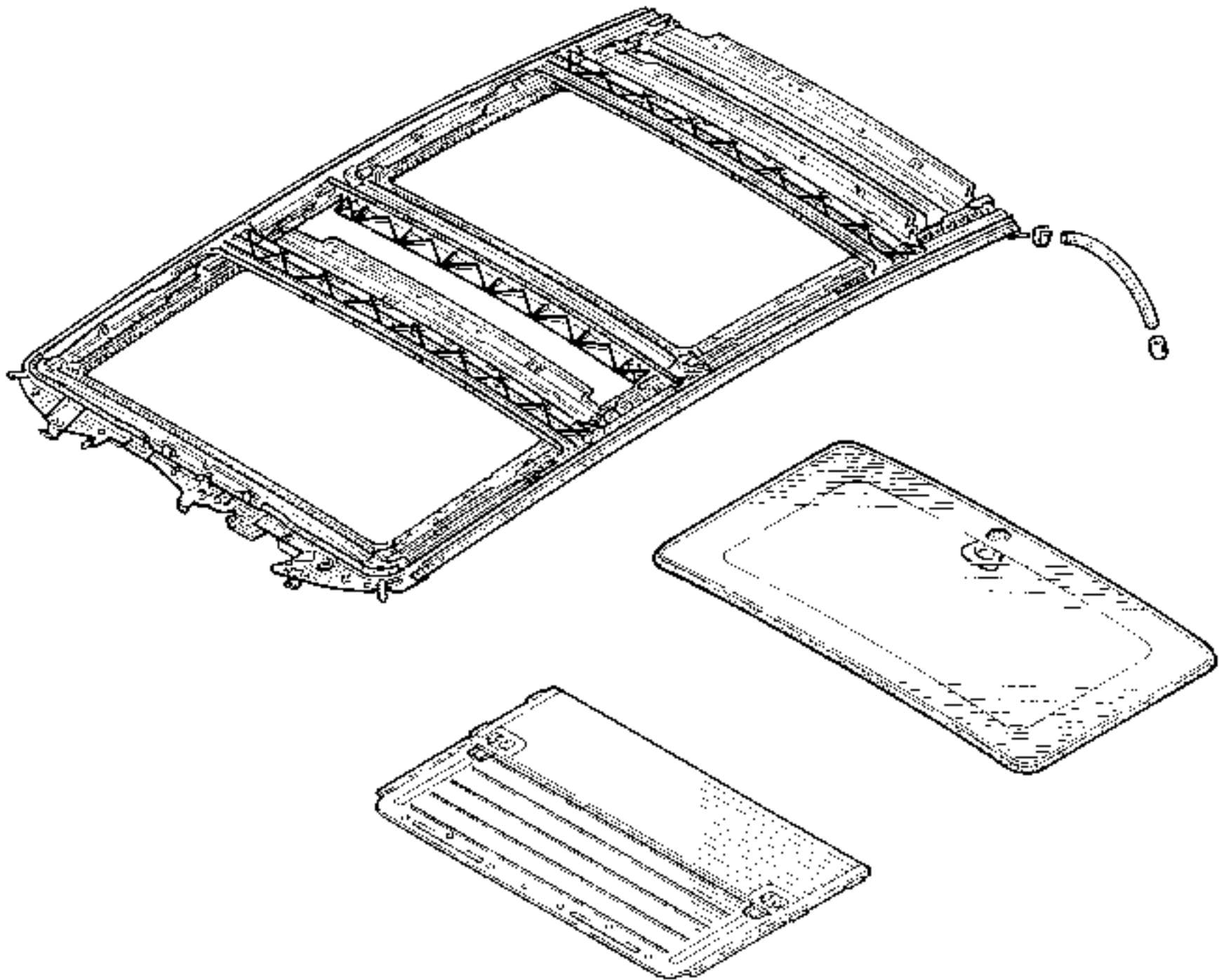
Tailgate barrel / lock mechanism assembly:

- A Mounting nuts
- B Opening control linkage
- C Motor mounting bolt
- D Motor mounting clip
- E Water drain pipe
- F Barrel control linkage

## REFITTING

Before refitting the tailgate lock barrel, check that the seal is not dirty.

## DESCRIPTION



PRJS206

This sunroof has a single cassette with two sliding moving panels.

Each moving panel has its own motor, controlled by a switch on the roof console.

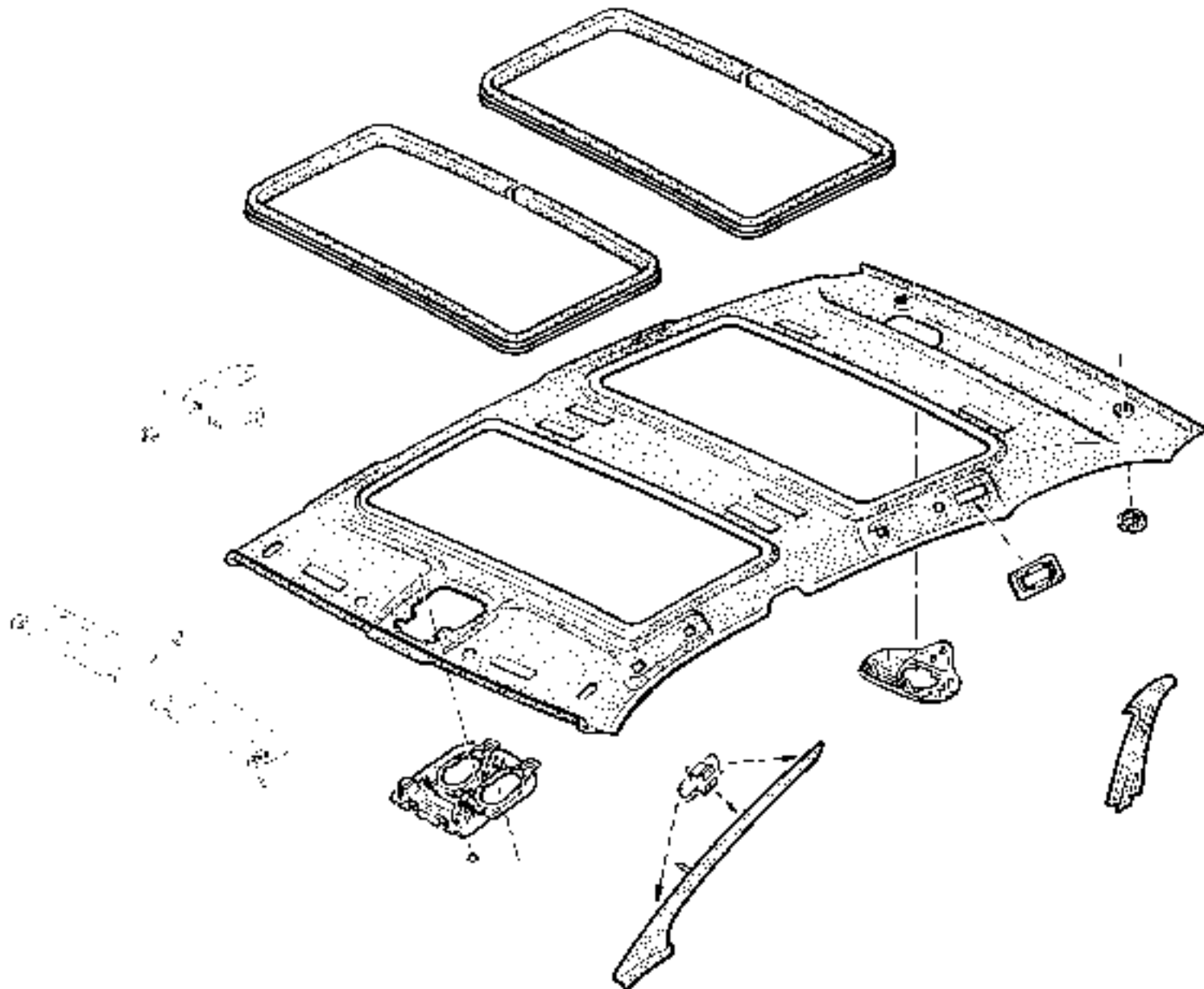
The moving panel drive mechanism is identical for the front and rear panels.

The operating principle is identical to that for the sliding sunroof on the Megane coupe.

A special Technical Note will be issued at a later date to cover the method for removing / refitting the manual tilting sunroof.



## REMOVAL



PRD5202

Disconnect the battery.

Remove:

- the door seals,
- the luggage compartment seal,
- the grab handles,
- the front sun visors,
- the upper centre pillar linings (see 71F),
- the windscreen pillar linings (see 71I).

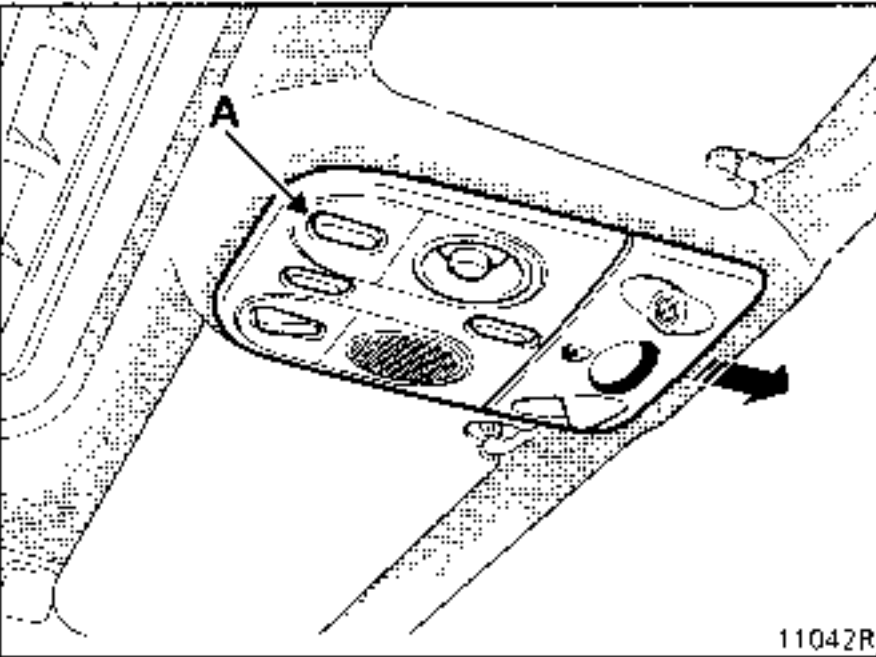
Fold down the rear seatbacks to make the following operations easier.

**IMPORTANT** : if there is a fault, the two moving panels may be operated manually (see 52D).

To move the front panel, remove the roof console and move the sunroof using a 4mm hexagonal spanner.

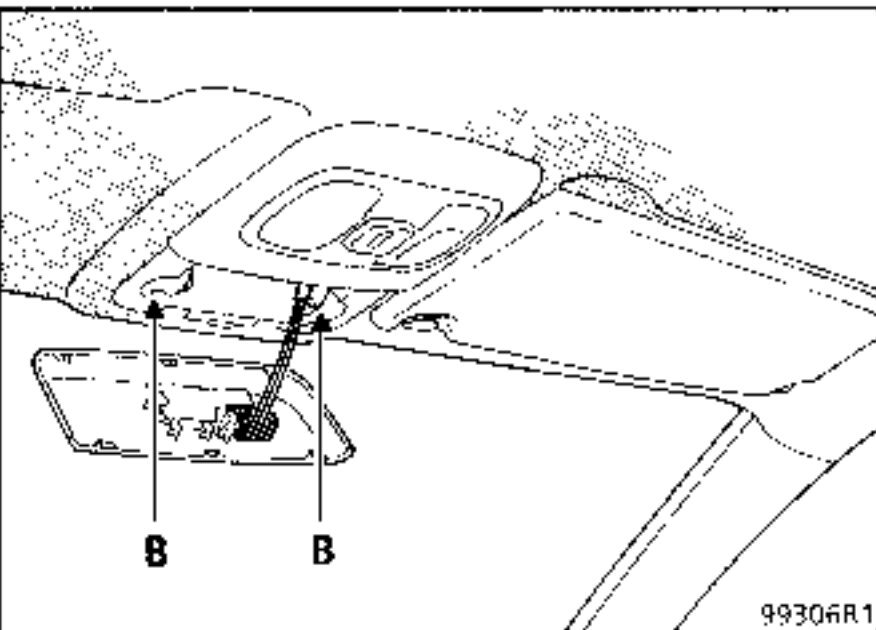
To move the rear panel, the headlining must be partially removed to reach the panel manual control.

## REMOVING THE ROOF CONSOLE



Remove the front cover.

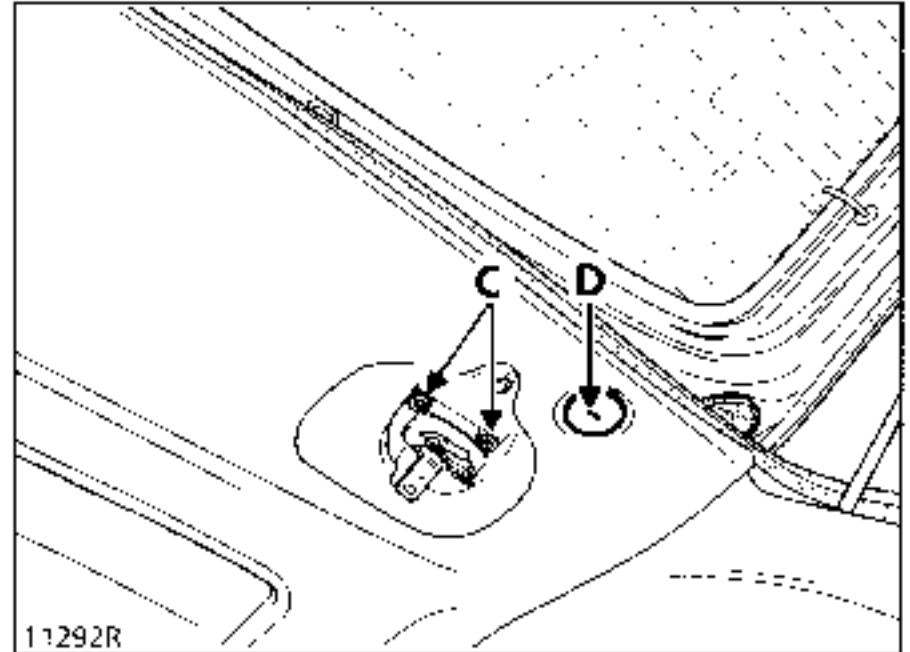
Remove the map reading light by sliding a flat blade screwdriver into lug (A).



Remove the two mounting bolts (B).

Release the console towards the front of the vehicle.

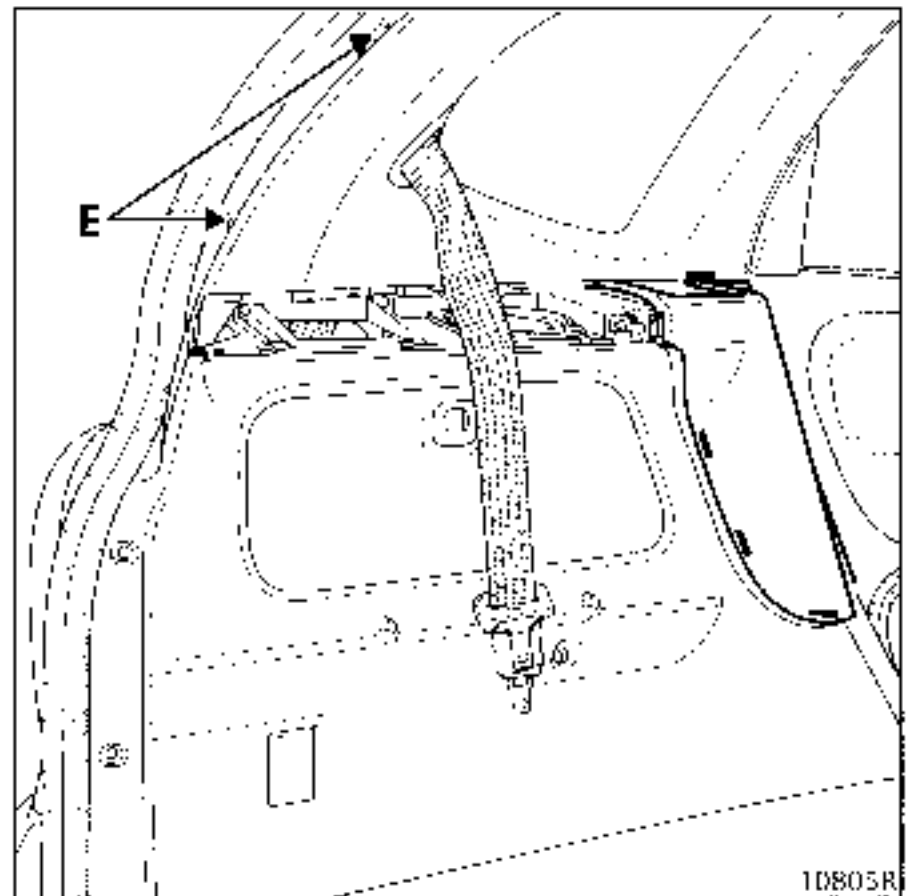
Disconnect the connectors and remove the console.



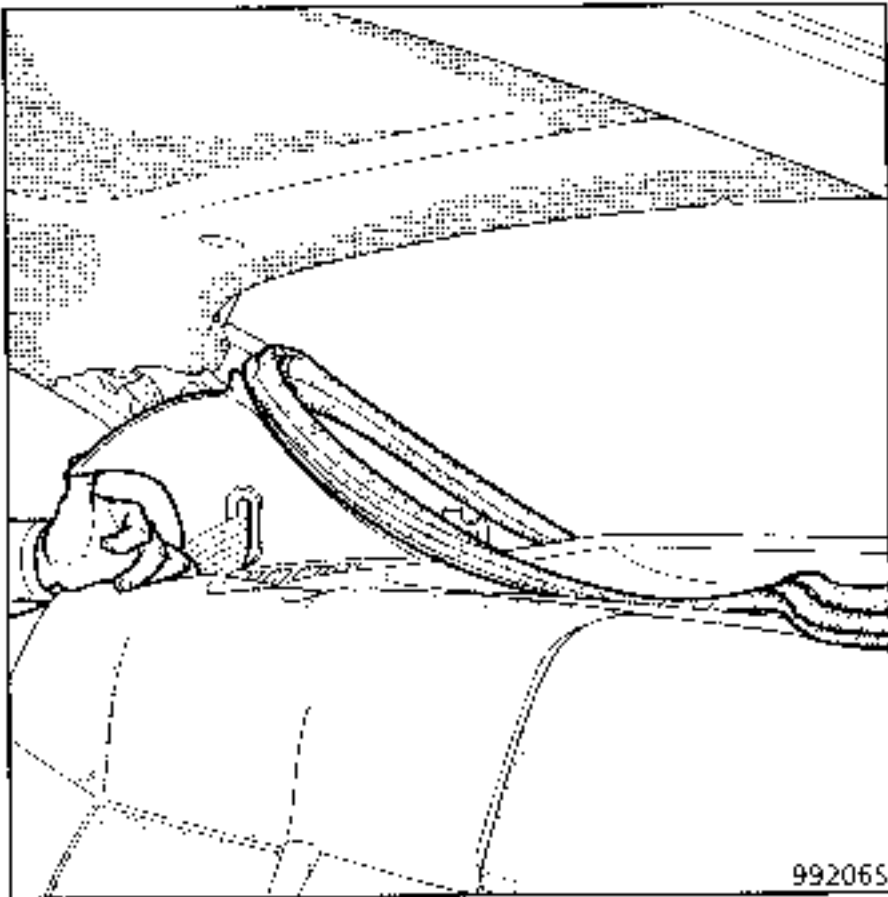
Remove the cover for the 3rd rear seat belt (two mounting bolts (C)).

Using a flat blade screwdriver, remove the two tailgate mounting covers at (D) by turning them a quarter turn anti-clockwise.

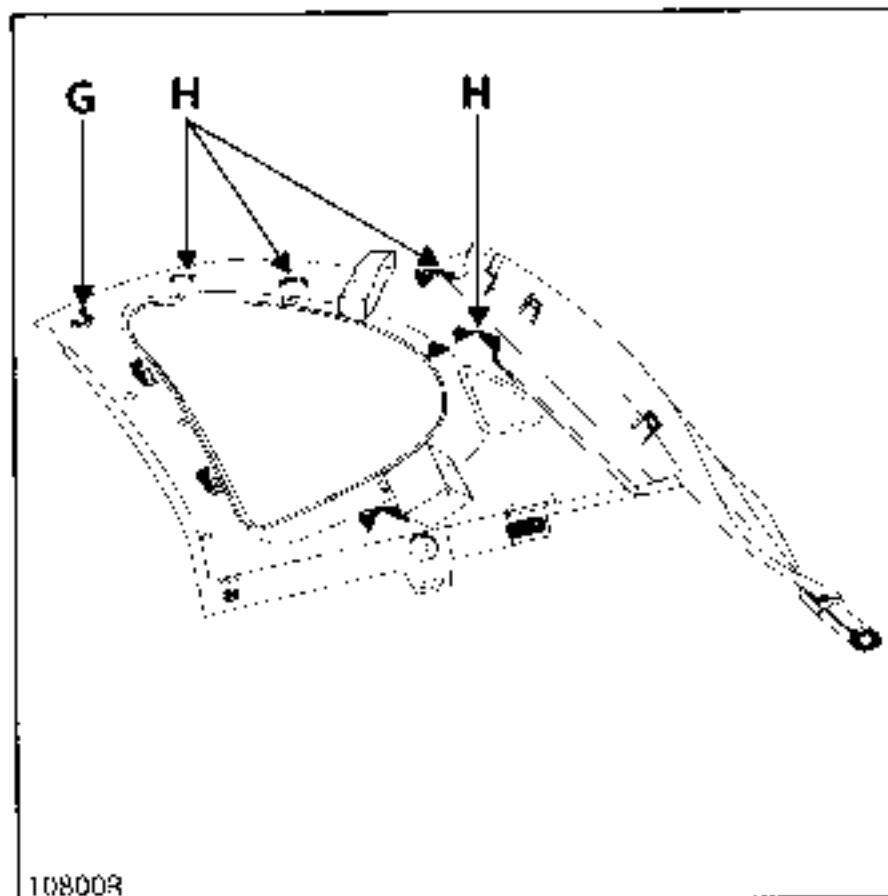
## PARTIAL REMOVAL OF THE REAR QUARTER PANEL LININGS



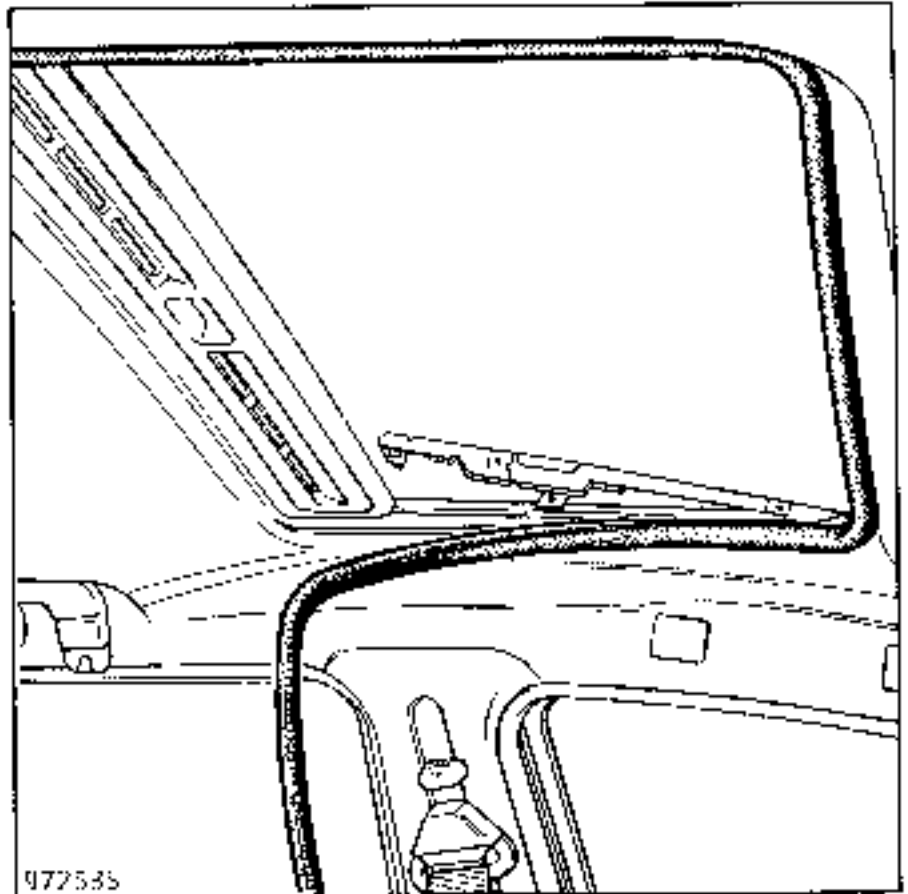
Remove the two side mounting bolts for the rear quarter panel linings (E) and remove the lining from its location under the tailgate balancer base.



Unclip the rear quarter panel lining at (G) and at (H) , as shown below.

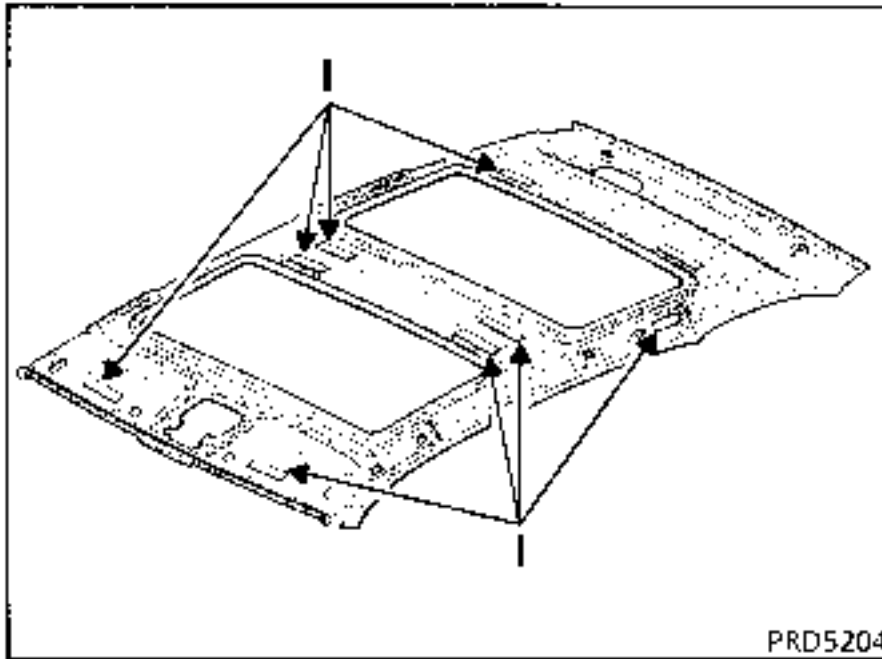


Rear view of the rear quarter panel lining and the mounting points specified above.



Remove the two front and rear interior finishing seals.

## REMOVING THE HEADLINING

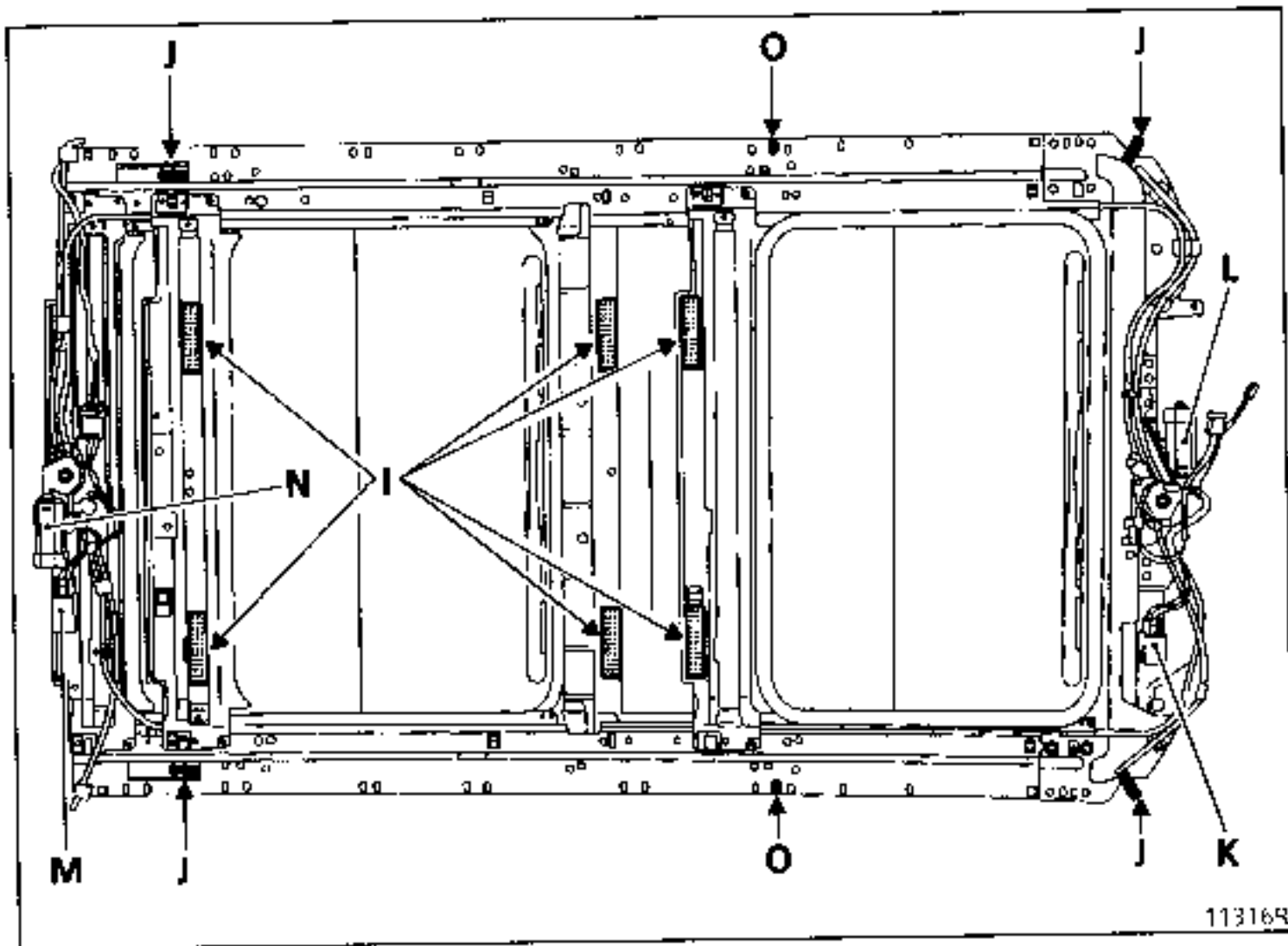


The headlining is secured by velcro fastenings (I).

Release the velcro, starting at the front and working towards the rear.

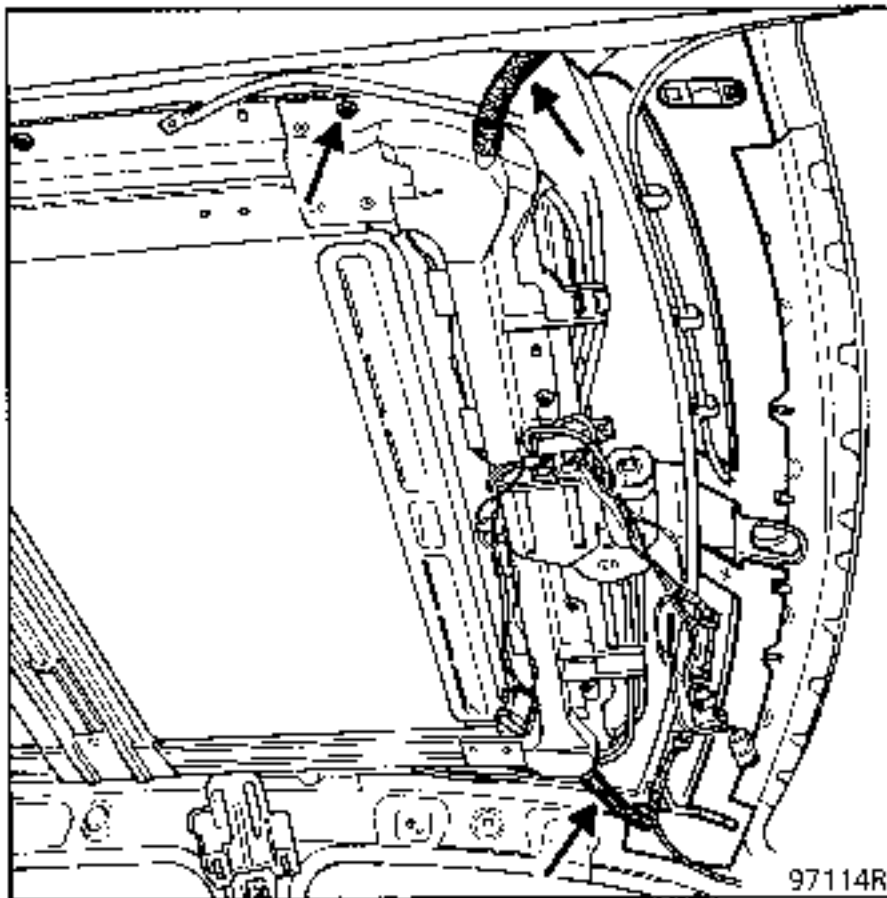
Removing the lining with care:  
move the lining forwards towards the windscreen initially to release it from the rear quarter panel linings.

## REMOVING THE ROOF CASSETTE



Locations on the cassette:

- I Velcro fastenings, headlining mountings on cassette
- J Front and rear drain channels
- K Front sliding panel motor relay
- L Front panel drive motor
- M Rear sliding panel motor relay
- N Rear panel drive motor
- O Holes for positioning cassette in Y axis on roof



97114R

Disconnect the front and rear drain channels.

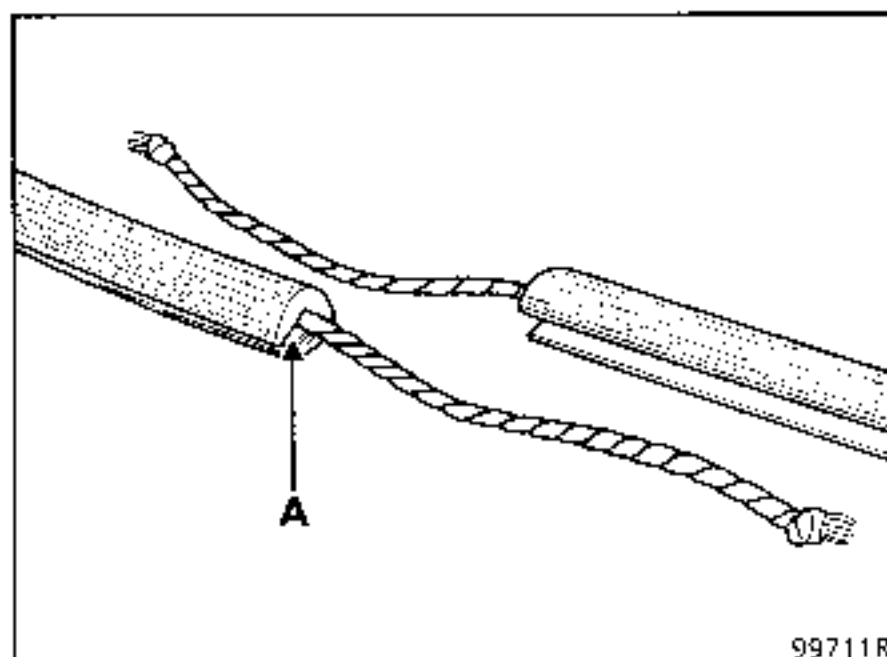
Disconnect the front motor wiring loom.

Remove the roof mountings and remove it via the rear of the vehicle (two people required).

Ensure that the two moving panels are in the closed position before removing and refitting.

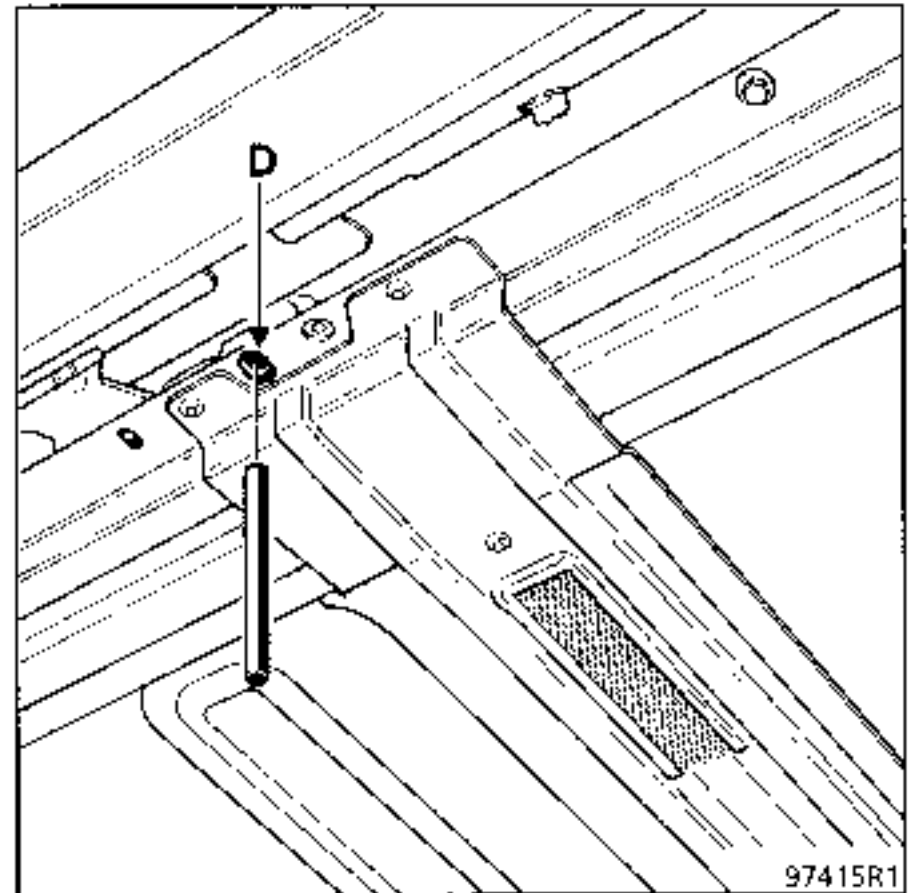
If one of the panels is open, close it manually (see 52D).

### REFITTING THE SUNROOF CASSETTE



99711R

Refit the interior finishing seal on the cassette (before refitting it) inserting a length of string into the groove (A) along the whole length of the seal.



97415R1

Before refitting the roof, slacken the mountings for the moving panel.

Using two people, reposition the assembly and centre the roof using two 10 mm diameter pins at (D) (see 52F).

Refit the mountings.

Tighten the roof mountings in a diagonal pattern (M5 bolt, hexagonal head 8).

### TIGHTENING TORQUES (in daN.m)



Roof bolt

0.5 max.

**IMPORTANT** : remember to reconnect the water drain channels.

**NOTE:** If a bolt will not fit in one mounting hole, try a different hole.

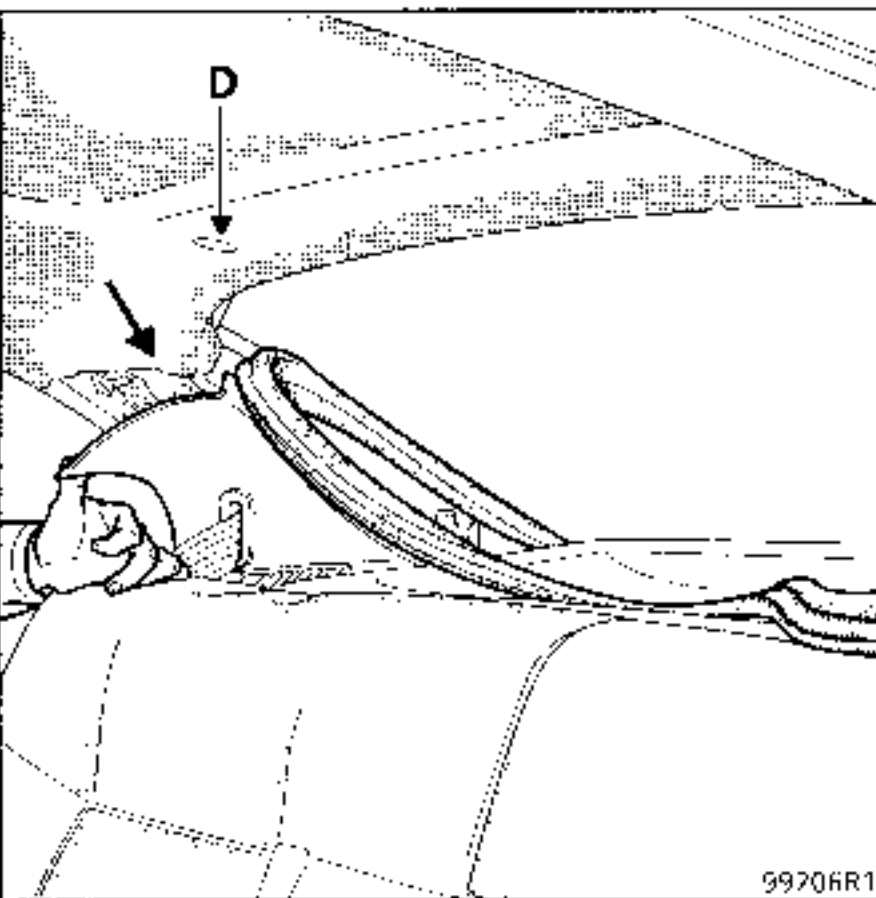
Use the next hole along - it is provided for this purpose.

After refitting:

- check and adjust the zero point (see 52D),
- adjust the moving panel (see 52E),
- check the operation and sealing of the roof,
- refit the trim.

**NOTE :** after adjustment, the sunroof should operate in all positions, without manual operations being required on the moving panel.

## REFITTING THE HEADLINING



Bring the headlining into the vehicle via the tailgate, move it as far forward towards the windscreen as possible, so that it can be drawn back under the upper sections of the rear quarter panel linings.

Fit the two tailgate mounting covers (D) at the rear of the vehicle.

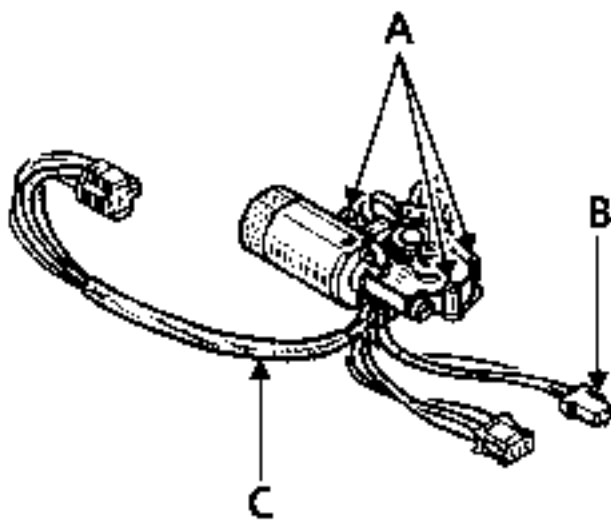
Flatten the headlining against the roof to secure the velcro fastenings (I) to the cassette, working from the back of the vehicle towards the front.

Reclip the upper sections of the rear quarter panel linings and refit the two side mounting bolts (E).

Refit the two finishing trim strips, pulling on the string which was fitted under the lip of the seal earlier on to fit it correctly over the headlining.

Refit the remainder of the trim.

**NOTE :** the removal and refitting operations for the roof cassette and the headlining require a minimum of two persons.



PRG52.22

Remove:

- the roof console (see 52C),
- the motor control connector,
- the three mounting bolts (A) for the motor on the cassette.

Disconnect and unclip the motor feed connector (B).

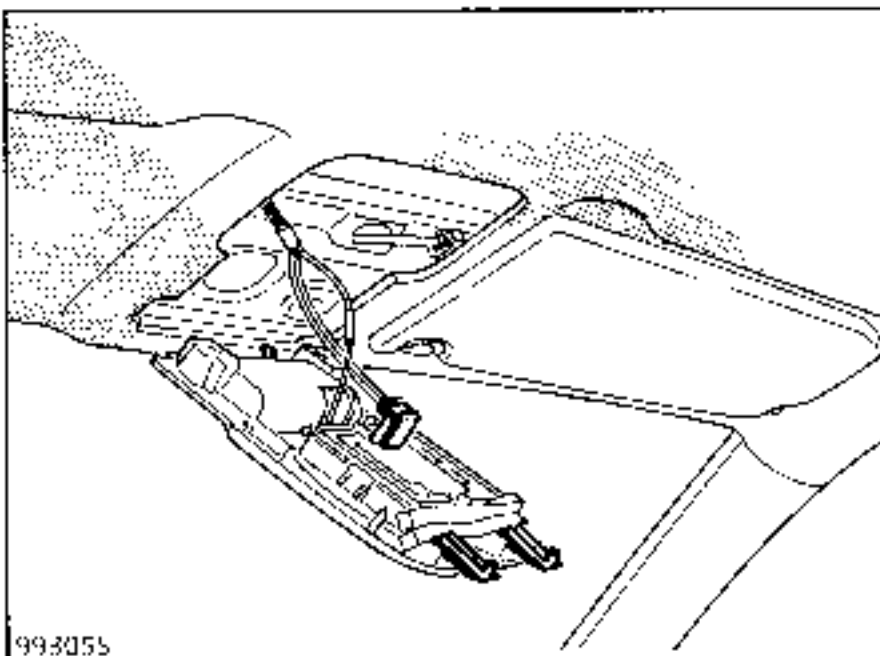
In all cases where one of the motors (L) and (N) is removed (see description of roof cassette 52C), check or adjust the zero points as described below.

For the anti-trapping system, see M.R. 307 - section 87.

One of two cases may arise (motor non-operational):

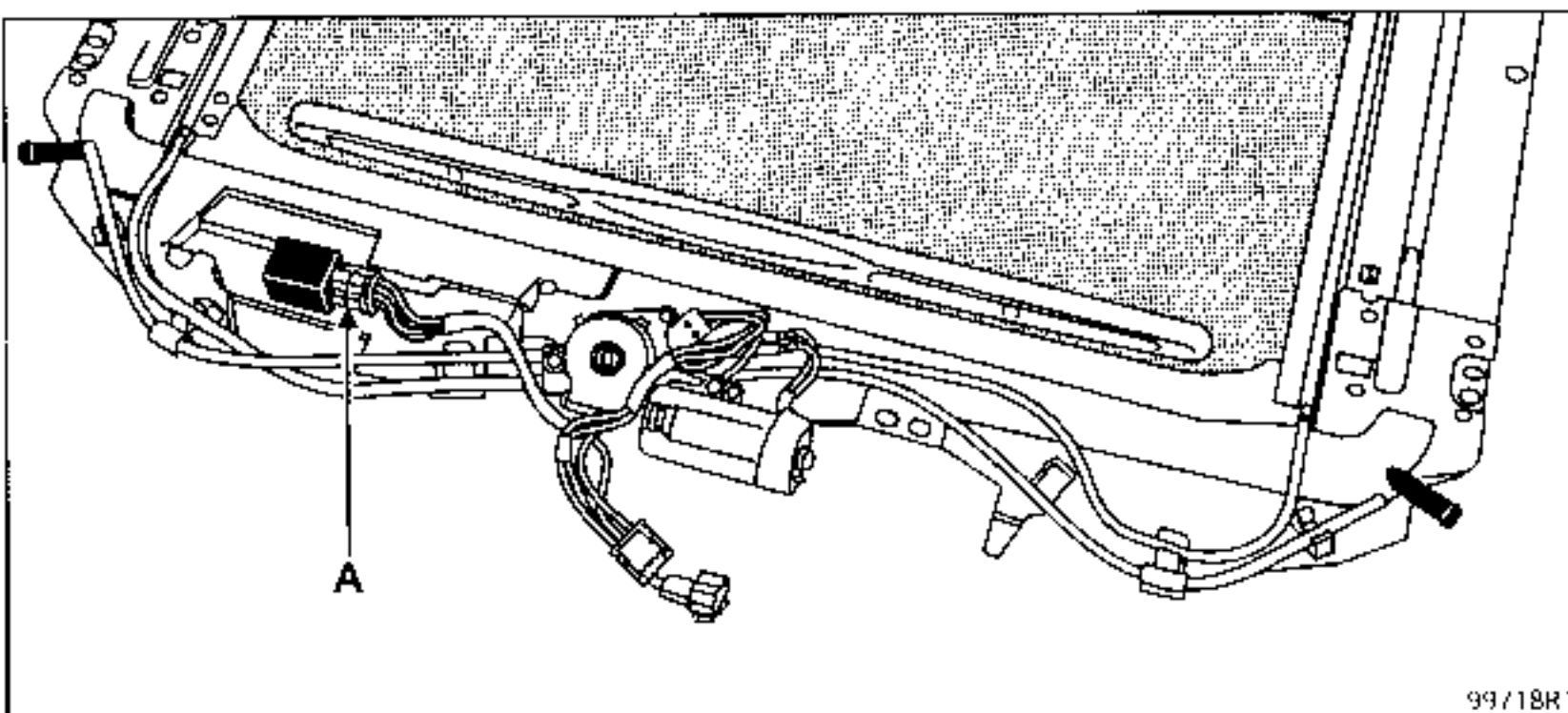
- sunroof closed,
- or
- sunroof open.

#### REMOVING THE FRONT SLIDING PANEL MOTOR (L) SUNROOF CLOSED



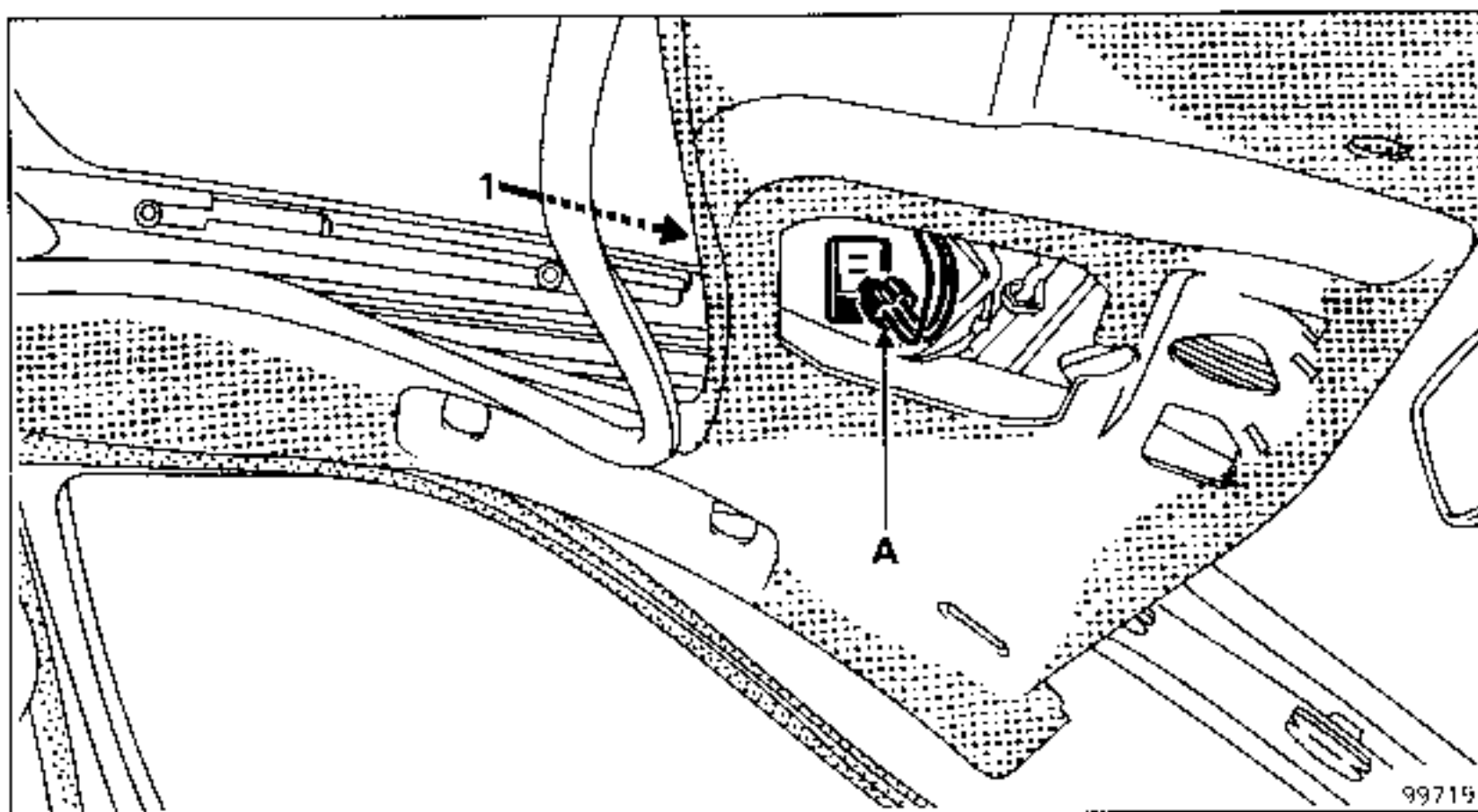
993055





99718R1

To remove the connector (A) for the motor relay, carry out the following operations:



99719R

Remove:

- the roof console,
- the left hand sun visor,
- the two sun visor retaining clips,
- the left hand windscreen pillar,
- the moving panel interior finishing trim (partially).

Release the front left hand retaining velcro.

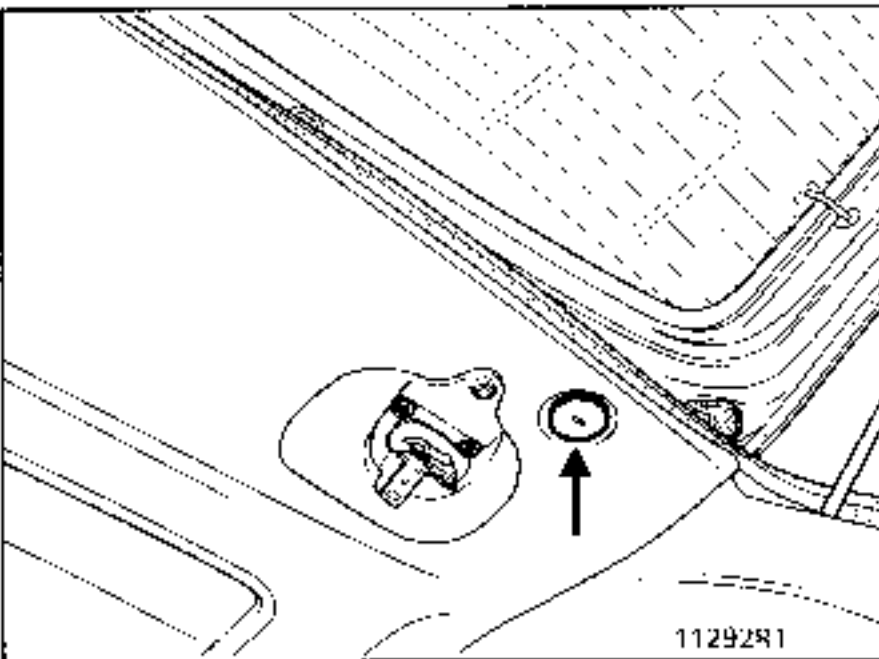
Disconnect the connector (A).

Remove the relay, sliding it to the left to release it from its location on the roof cassette. To do this, pass your hand between the roof and the headlining at (1).

Release the motor so that the drive gears can be seen (see following diagram).

**NOTE :** the motor fitted to this cassette is identical to that mounted on the Mégane Coupé.

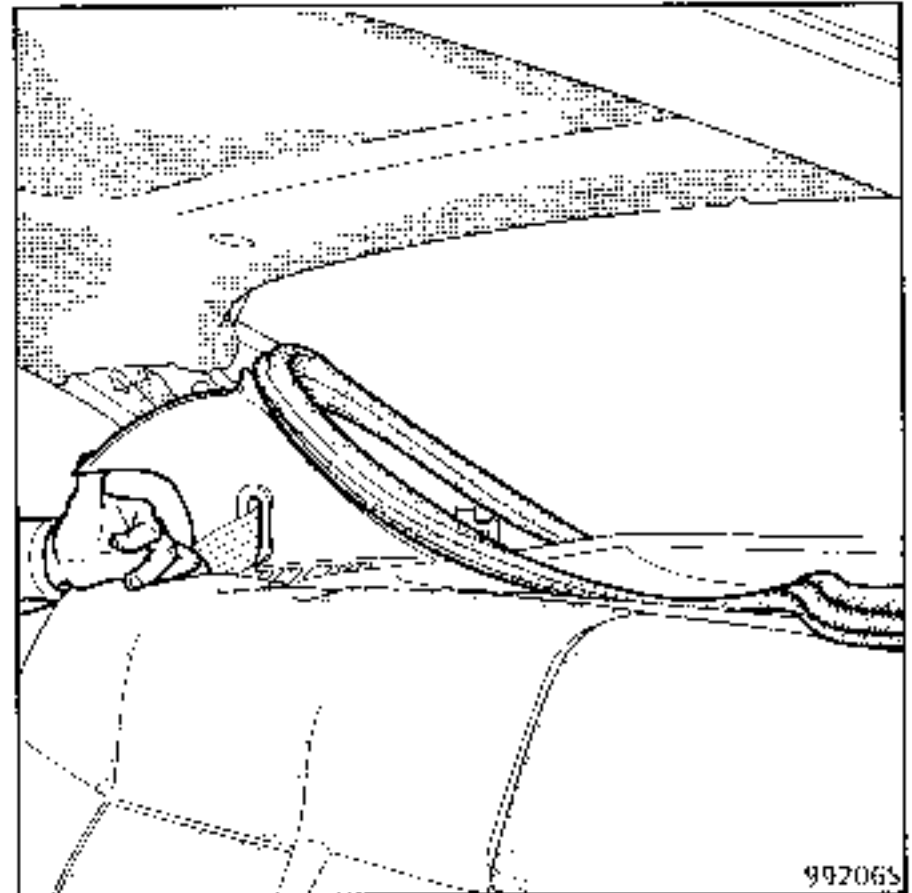
# **REMOVING THE REAR SLIDING PANEL MOTOR (N) AND ITS RELAY, SUNROOF CLOSED**



Remove the cover for the 3rd rear seat belt.

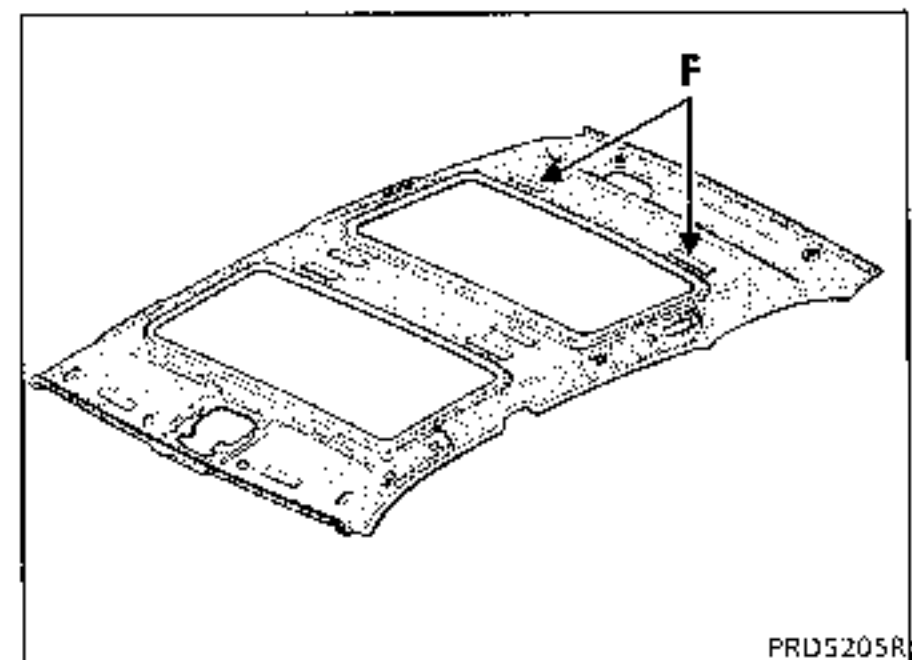
Using a flat blade screwdriver, remove the two tailgate mounting covers at (E) turning them a quarter turn anti-clockwise.

Remove part of the upper section of the luggage compartment seal.

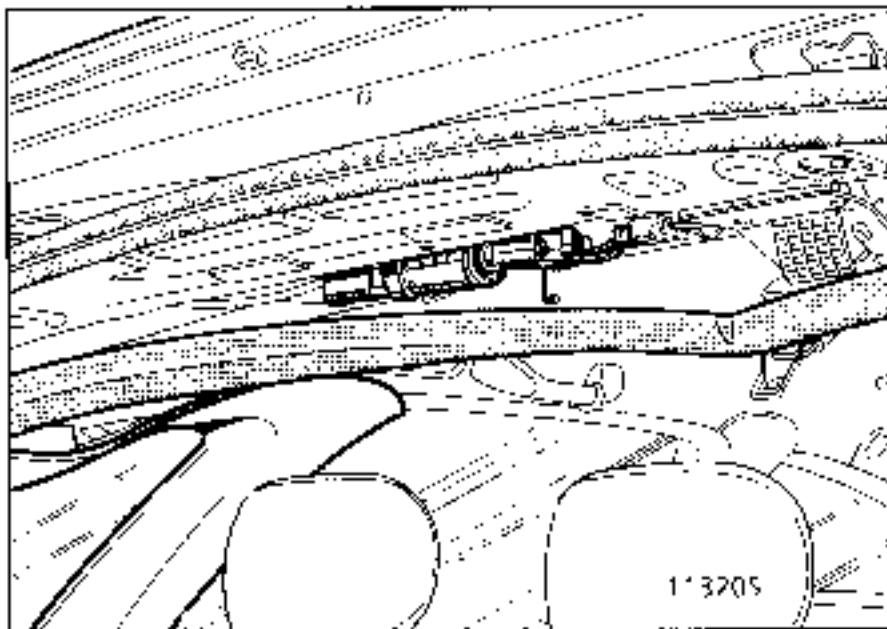


Unclip the rear quarter panel linings to separate the upper section (see partial removal of the rear quarter panel linings in 52C).

Hold the rear quarter panel trim to one side using a shim between the lining and the trim.



Fit your hand between the rear quarter panel lining and the roof to release the two velcro fastenings (F).



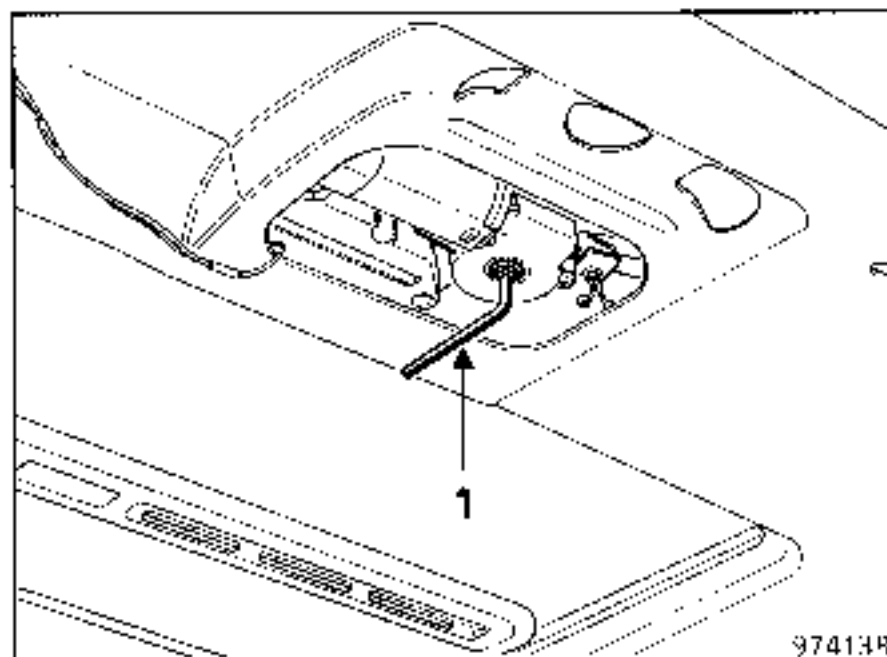
Carefully fit a Torx 20 angle wrench through, to remove the three mounting bolts for the motor on the cassette.

Disconnect the feed and relay connectors and take out the motor.

**IMPORTANT:** access to the drive motor for the rear moving panel is limited. Take care not to fold the headlining during this operation as this would mark it.

#### REMOVING THE MOTOR WITH THE SUNROOF OPEN

Remove the same trim sections as before.

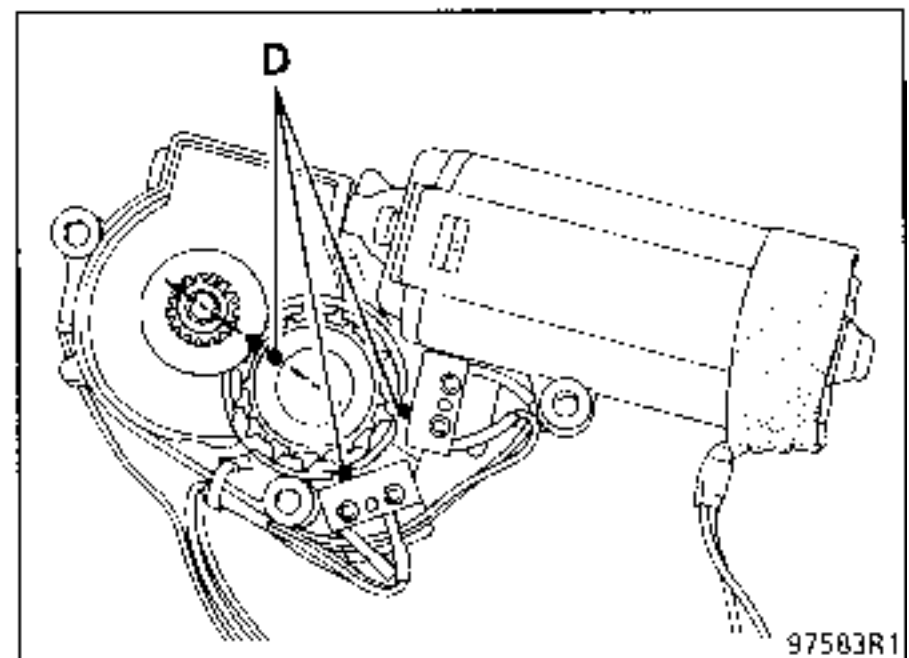


Close the sunroof manually using a 4 mm Allen key (1), bringing the moving panel to the stop without forcing it.

Carry out the operations in the same manner as described above.

**IMPORTANT :** each time the motor is removed, the zero point for the motor / moving panel drive bar must be checked (see below) to ensure the motor operates correctly over the complete open / close cycle.

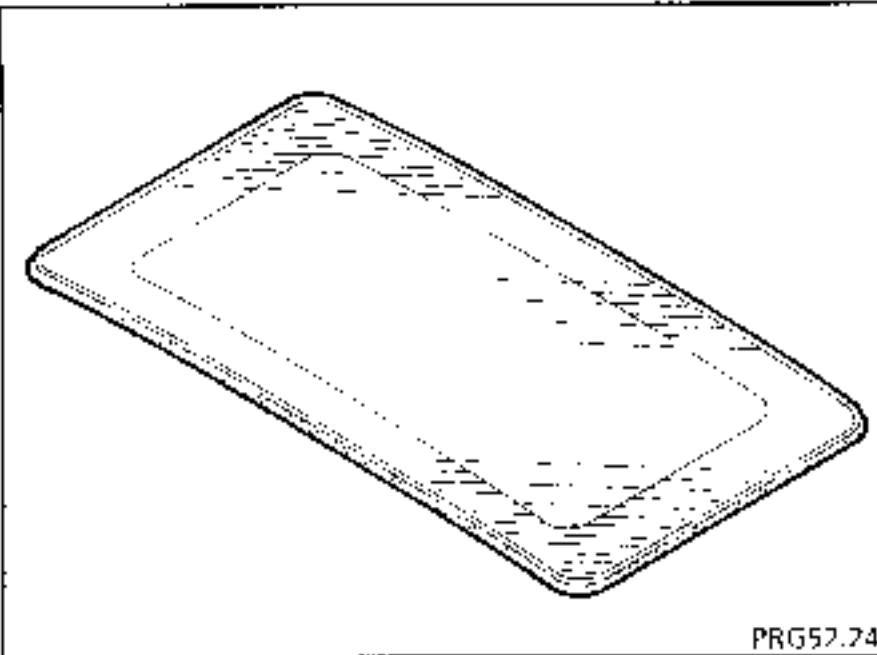
#### ADJUSTING THE ZERO POINTS



Check and adjust the zero points for the motor, after checking the zero point for the drive bar (see 52G). This operation must be carried out before refitting the motor.

**Regardless of whether the motor is new or not,** the three points (D) must be positioned as shown in the diagram above.

The position is adjusted manually using a 4 mm hexagonal wrench.



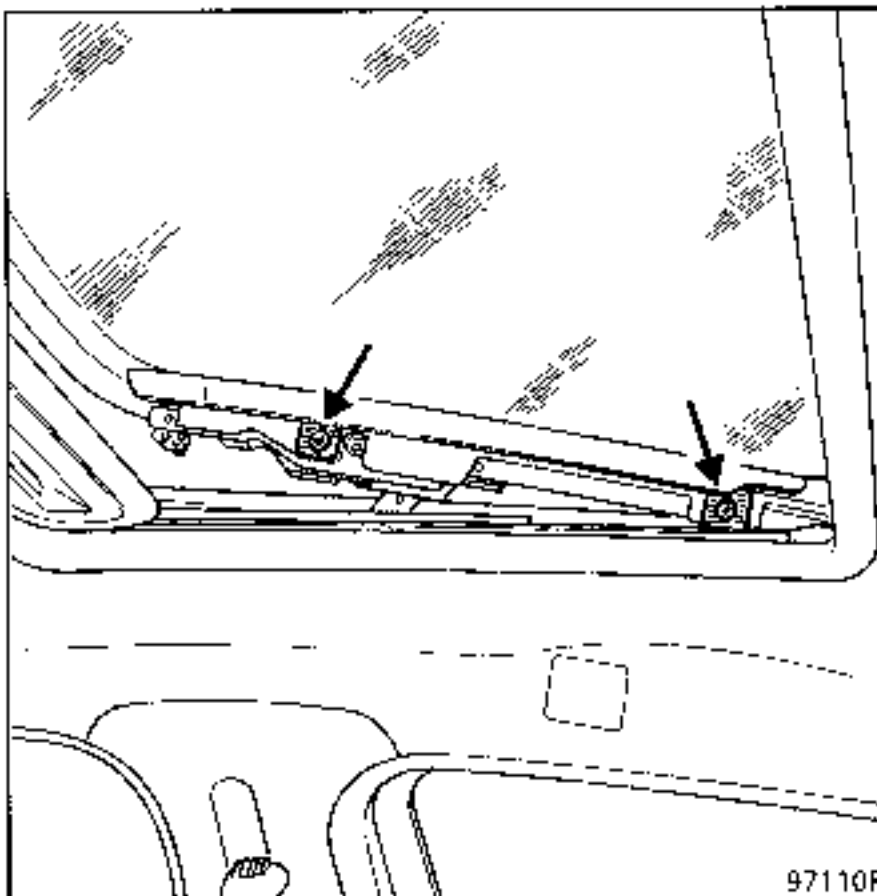
**TIGHTENING TORQUES (in daN.m)**



Mounting nuts	$0.4 \pm 20\%$
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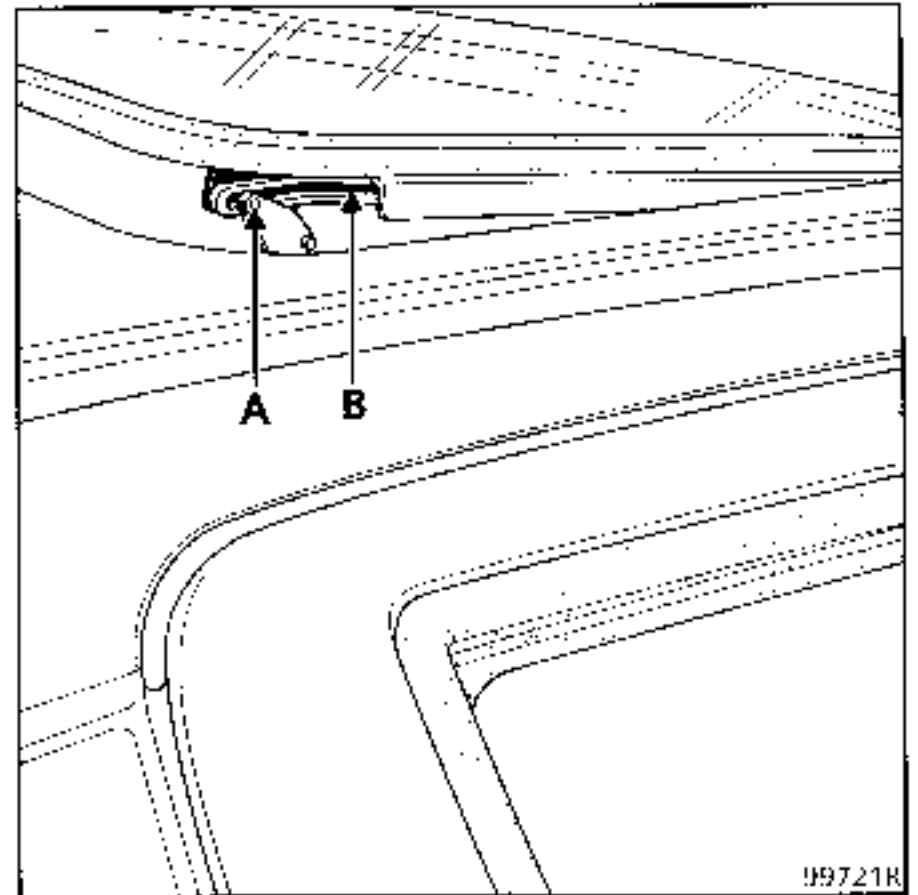
The front and rear moving panels use the same removal / refitting procedures.

**REMOVAL**

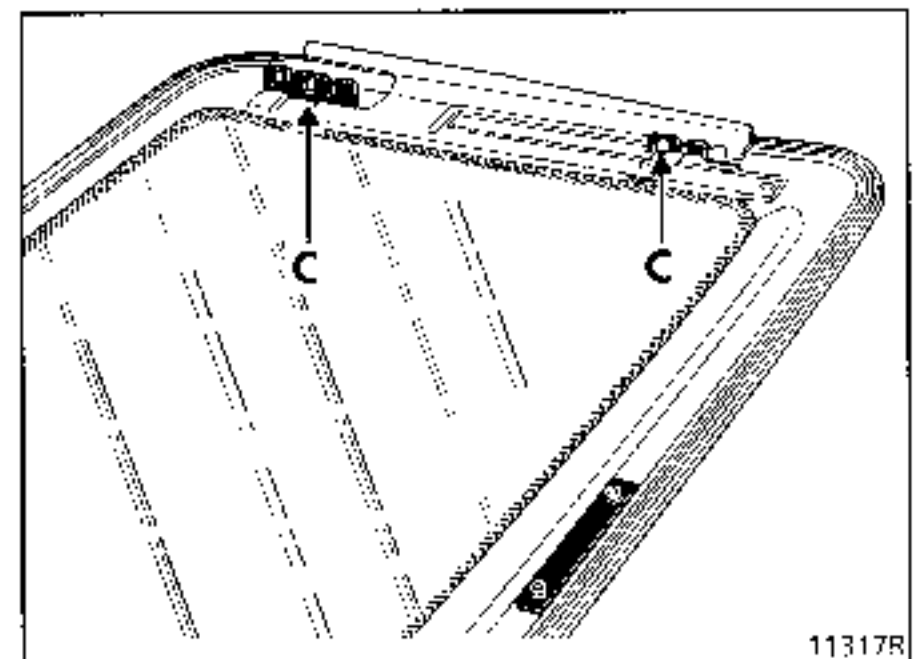


Slightly open the sunroof to reach the four mounting bolts more easily (4 mm hexagonal wrench).

**Repose**



Before refitting the panel, check that the two drive pads (A) are correctly positioned in the grooves (B).



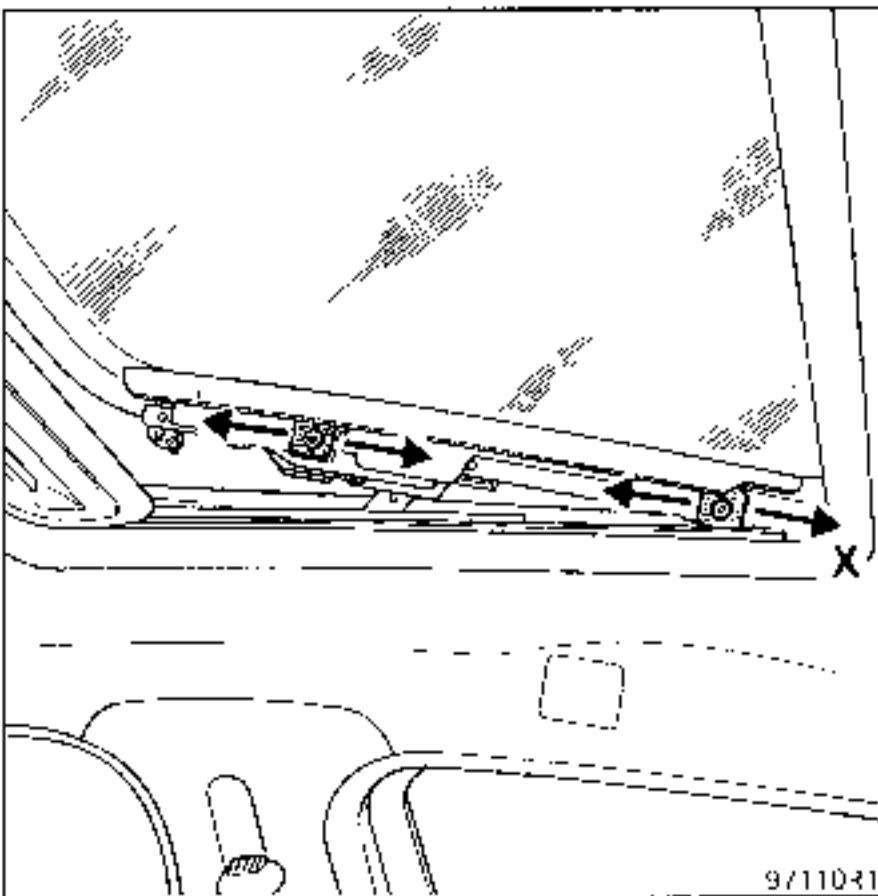
The mounting bolts are positioned in holes (C).

**Note:** the fitting direction for the panel is easy to identify - the glass identification marking should be towards the rear.

## ADJUSTING PLAY AT THE FRONT, REAR AND SIDES

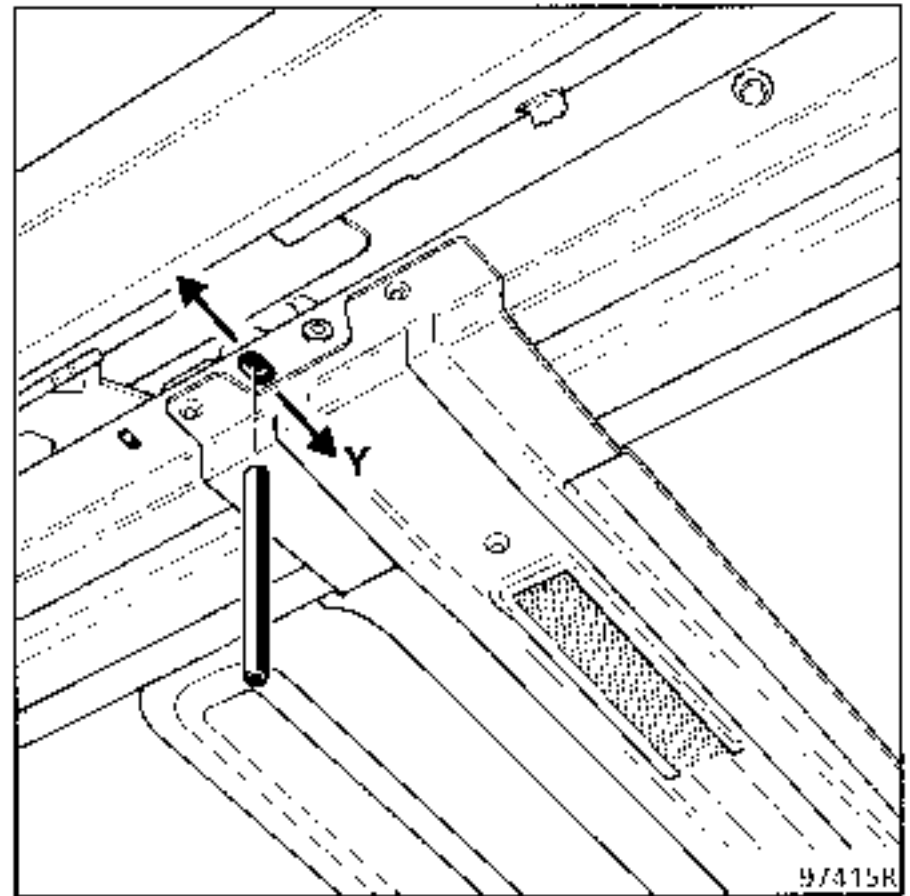
This operations must be carried out after removing the moving panel or the sunroof assembly.

**IMPORTANT :** before any adjustment, check the adjustment of the zero point (see 52D).

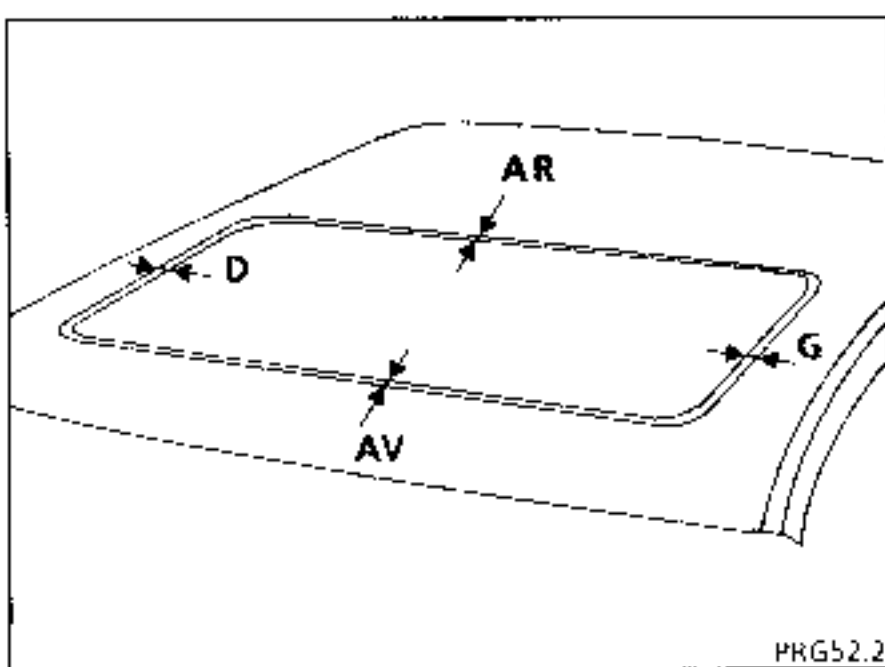


### 1 - Adjusting the front, rear and side play

To make these adjustments, the panel must be in the closed position and the four mounting bolts should be slightly slackened so the X adjustment may be made.



To adjust for Y, the roof mountings must be slightly slackened. Fit two diameter 10 pins into the special hole to immobilise the cassette in X and adjust the panel for Y.



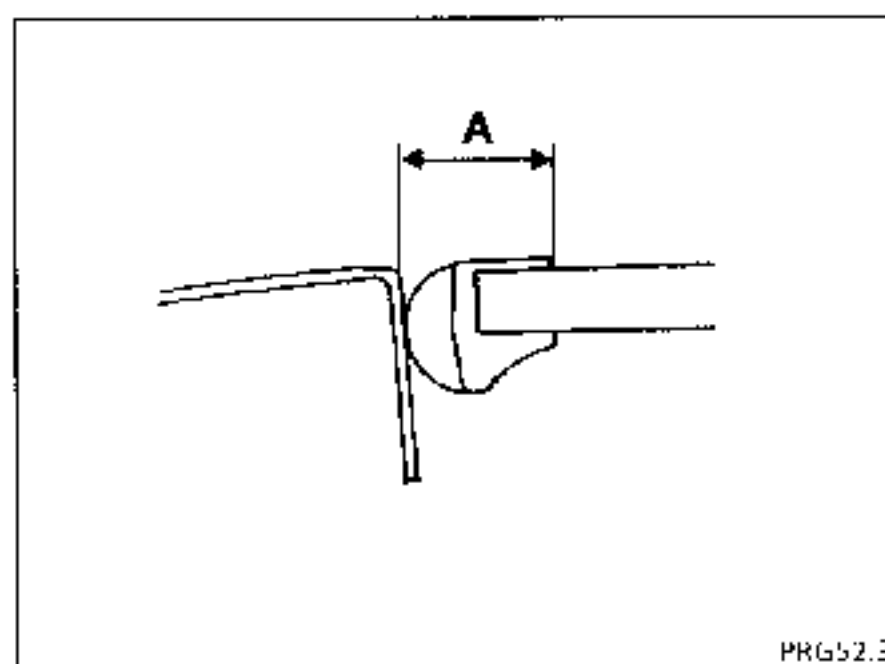
PRG52.2

The play between the panel and the roof frame must be evenly distributed between the front and the rear, and between the left and right hand sides.

Using a rule, check the distribution of play at three points.

These measurements should be noted between the roof frame and the upper part of the moulding at (A) :

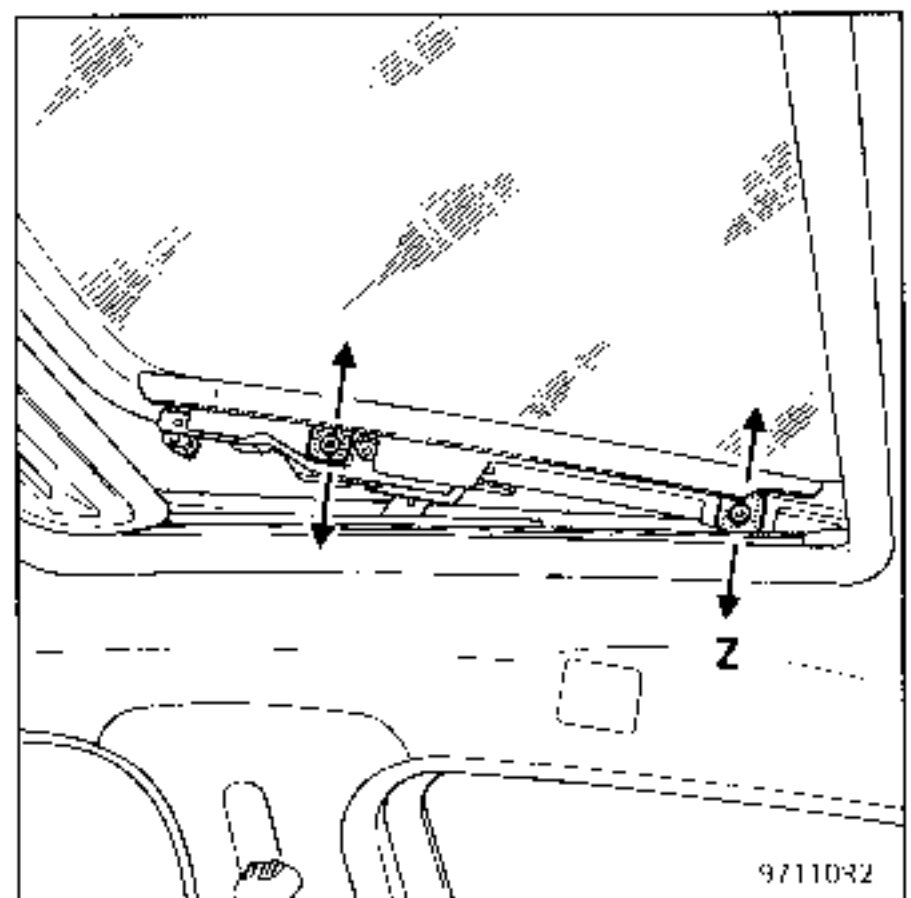
- front line  $15_{-1}^0$
- rear line  $15_{+0}^{-1}$
- RH line  $15 \pm 0.5$
- LH line  $15 \pm 0.5$



PRG52.3

**LEGEND :**

- AV = Front
- AR = Rear
- LA = Side line tolerance



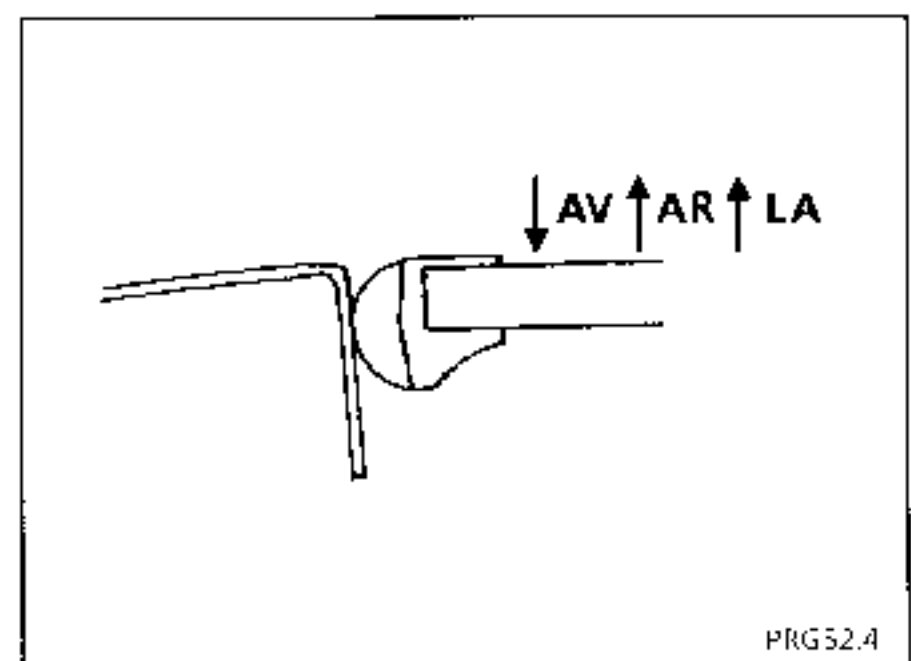
9711032

**2 - Adjusting the height at (Z)**

Close the sunroof.

As for adjusting the front / rear play, adjust the bolts on the panel as above.

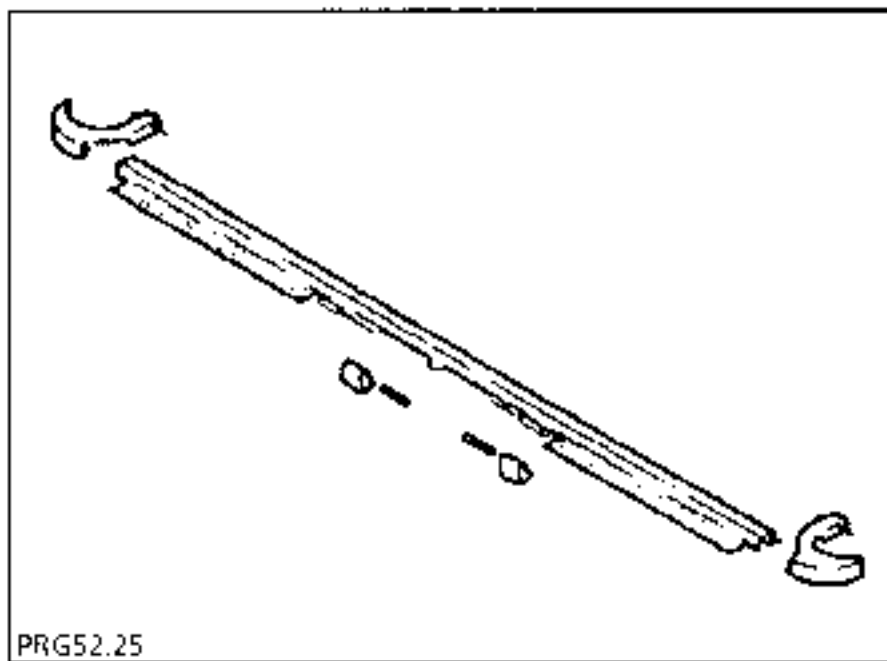
Position the rule on the roof frame and check the clearance of the the moving panel at at least three points.



PRG52.4

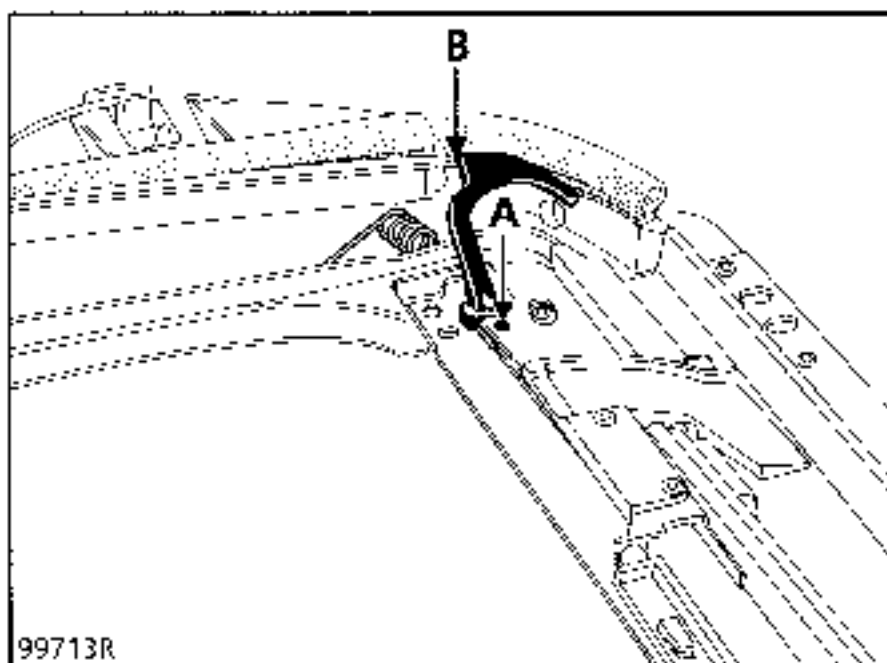
Height adjustment:

- rear line tolerance:  
1 mm panel protrusion.
- front line tolerance:  
panel set in by 1 mm
- side line tolerance:  
1 mm panel protrusion.



The two front and rear deflectors are identical.

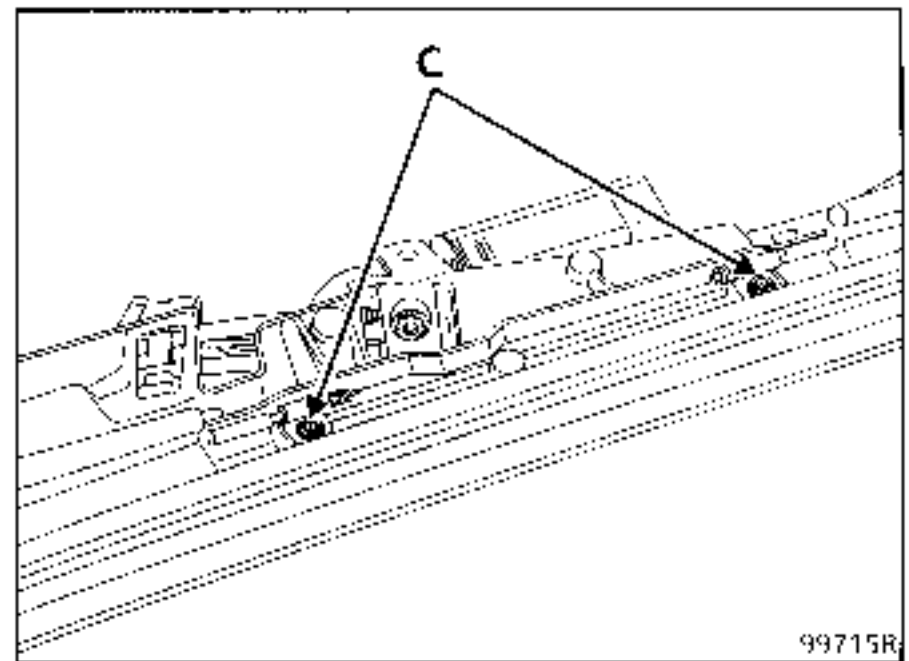
**REMOVAL**



Put the moving panel in the open position.

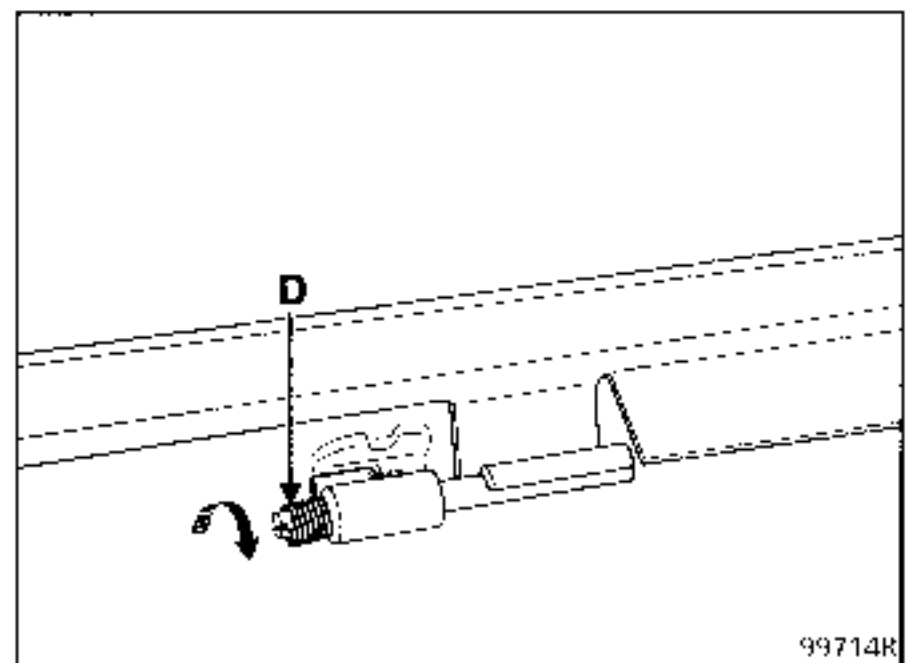
Unclip at (A) and release the side retaining bracket for the deflector by pushing it forwards.

Release the hook at (B) and remove the bracket (on each side).



Remove the two central mounting bolts (C) on the cassette.

**REFITTING**



When refitting and replacing the spring (D), refit the retaining bracket as below.

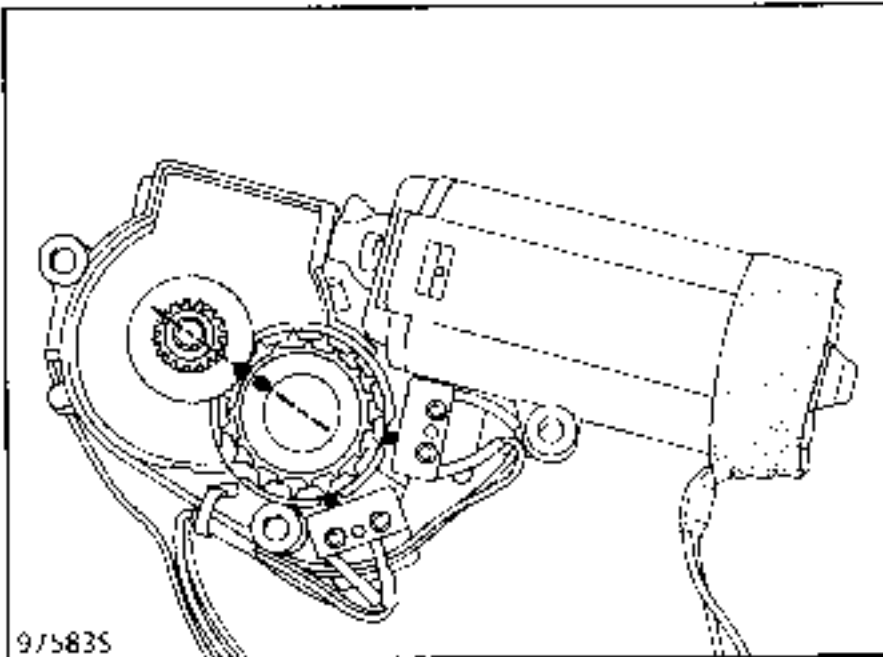
So that the spring ensures its function in retaining the deflector open, the bracket must be turned through one clockwise revolution from the spring rest position (D).

Refitting is then the reverse of removal. Carry out a test.

SPECIAL TOOLING REQUIRED

Welders wrench	Hexagonal 4
Drill	Diameter 3

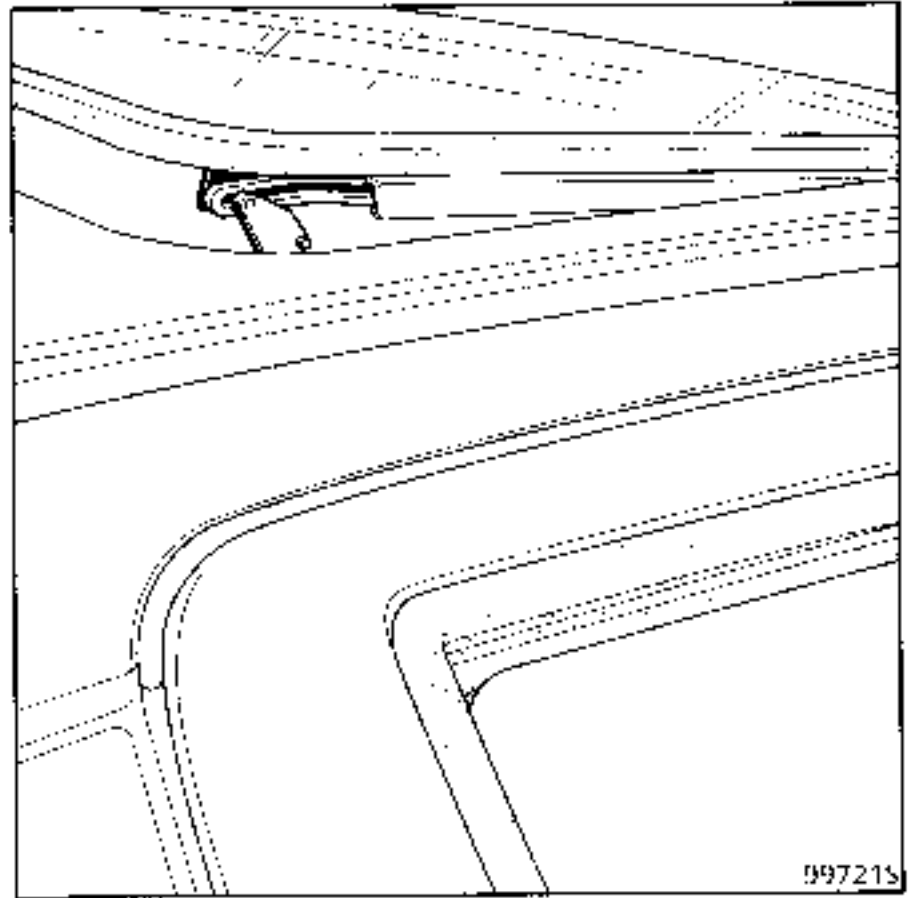
ADJUSTING THE ZERO POINT



**IMPORTANT :** When fitting the sunroof motor to the roof cassette and **before adjusting its zero point (see 52D)**, a starting point for the revolution counter cam for the motor and the moving panel drive mechanism must be set.

This zero point allows stopping synchronisation of the closing / opening / tilting movements.

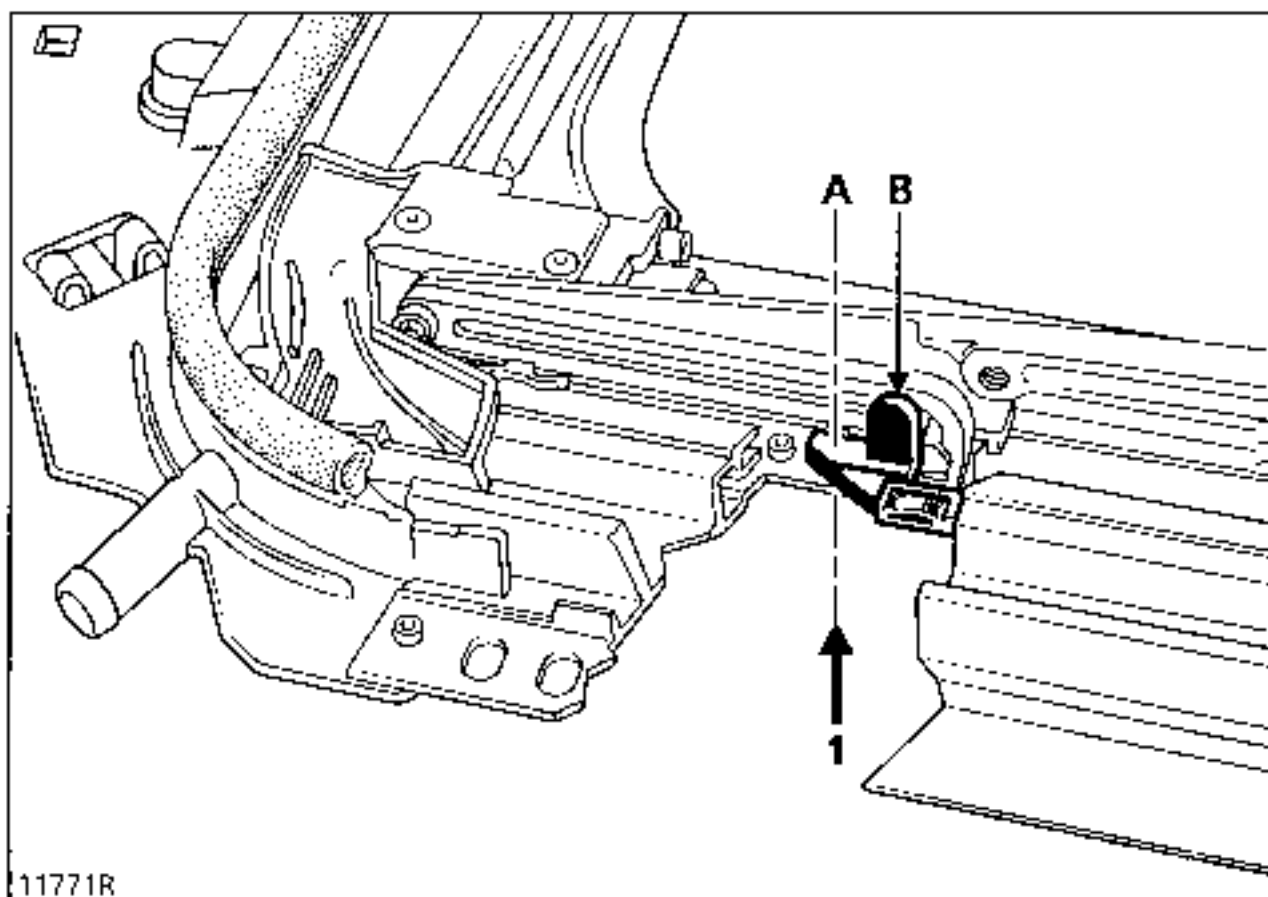
This operations should be carried out with the cassette and motor in position, before the trim is re-fitted.



The starting position or "zero point" corresponds to the sunroof in the **tilted open** position as shown above.

In this position, the mechanism may be indexed as described in 52D.





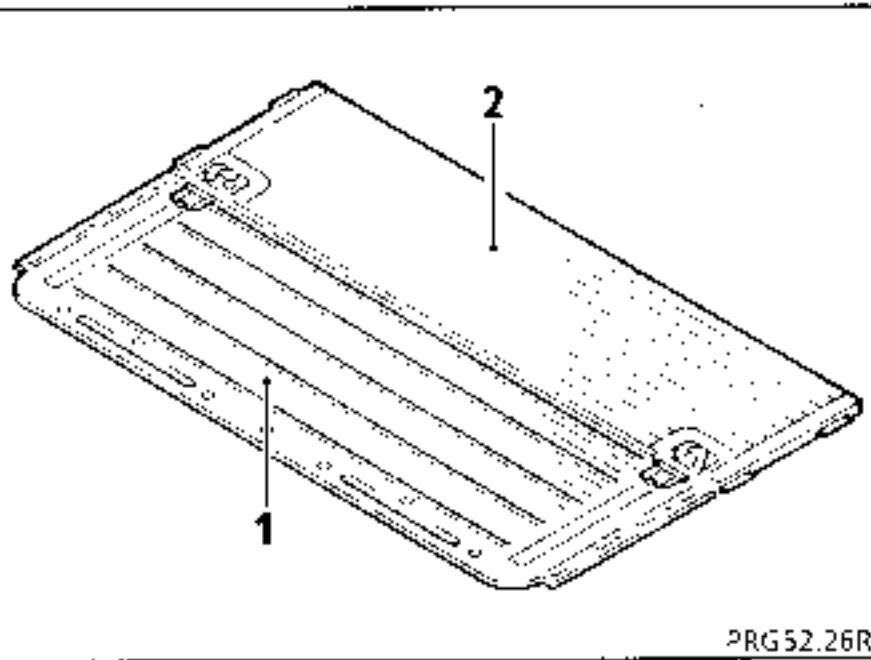
Remove the headlining.

Manually move the sunroof motor using a 4 mm hexagonal wrench, to move carriages (B) to the indexing holes (A) on the rail.

Fit a 3 mm diameter drill into the holes aligned on the two parts (A) and (B) to immobilise the "zero point" position (1).

**Remove the motor and set it to its zero point as described in 52D.**

**NOTE :** if both bars cannot be indexed at the same time, remove the motor and push the drive cable for the non-aligned bar at the motor gear location using a flat blade screwdriver until it can be indexed.



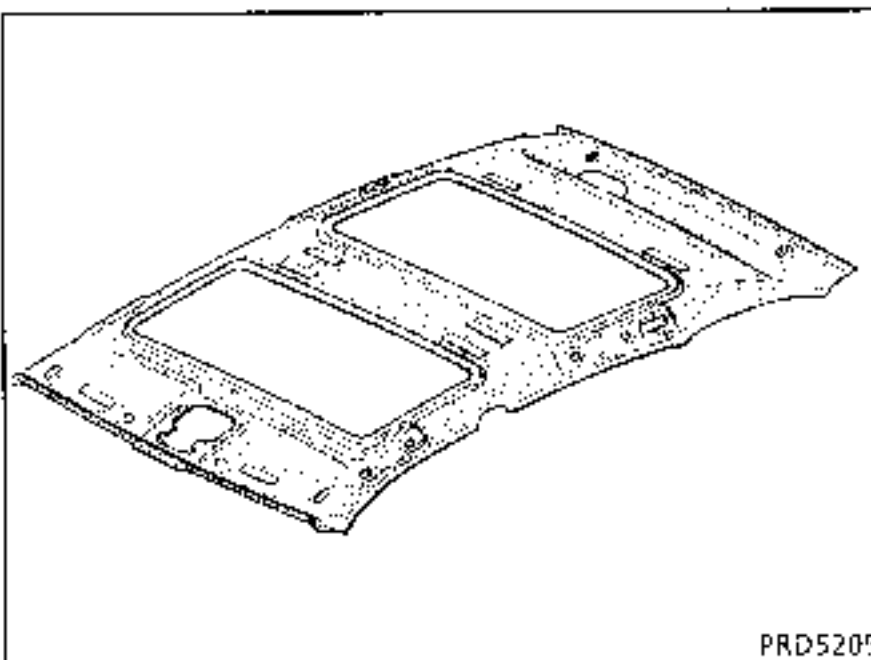
Each screen has two separate sections, joined by two brackets (A) :

- (1) front section of screen,
- (2) rear section of screen.

The moving panel does not need to be removed to remove the screen.

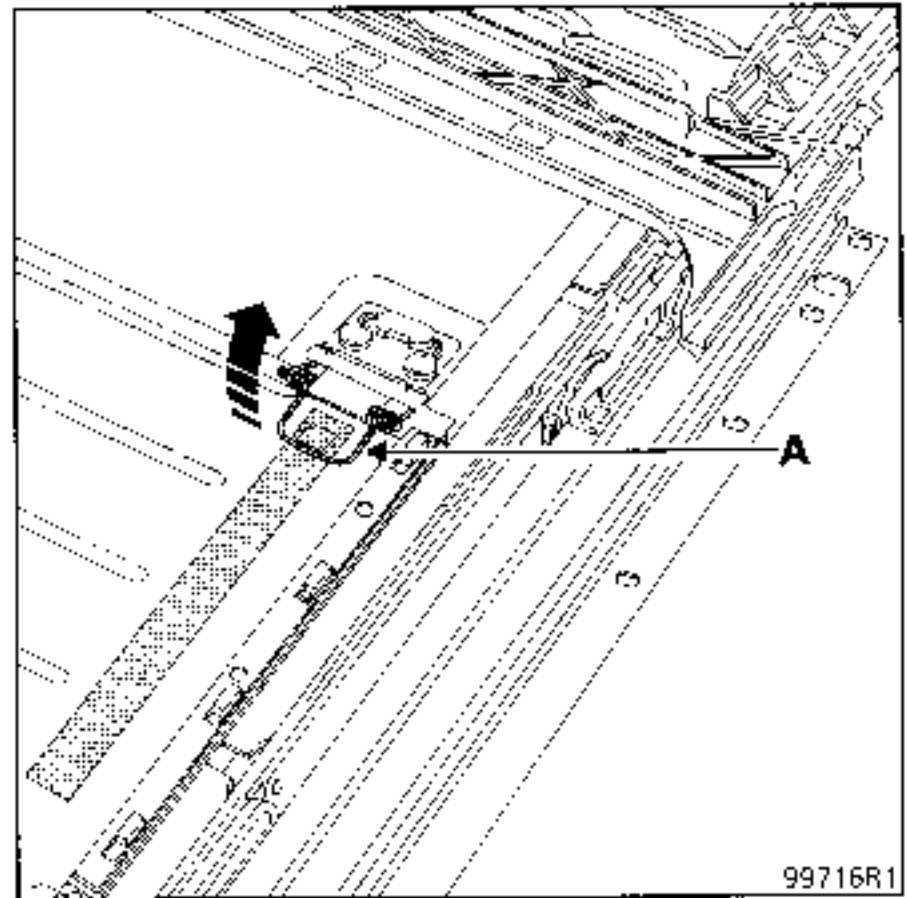
The operating principle is the same as for the screen in the D64 cassette.

## REMOVAL



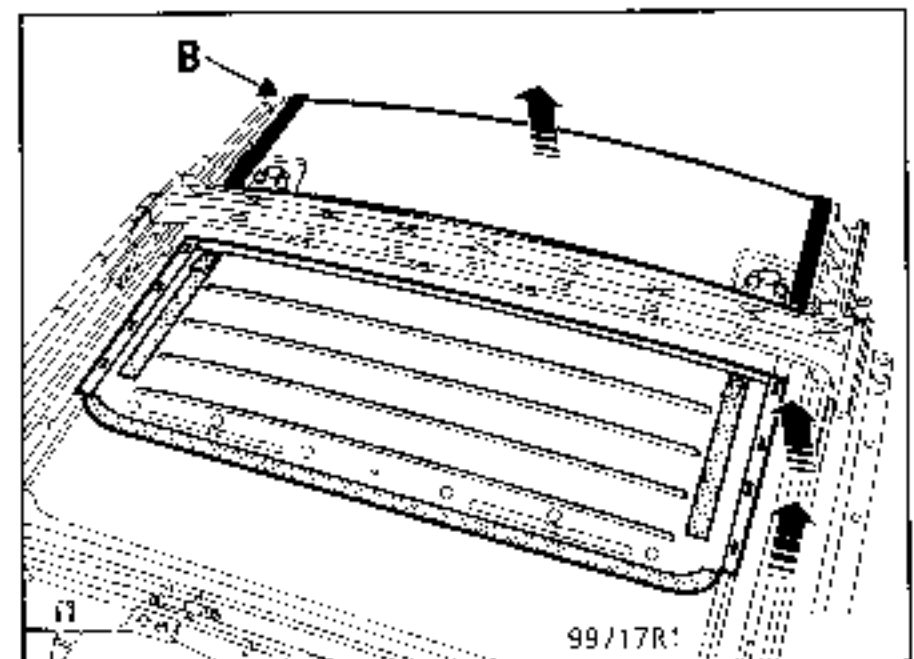
Remove:

- the headlining (see 52C),
- the sunroof cassette (see 52C).



Pull the two brackets (A) back from their hook on the front section (1) of the screen.

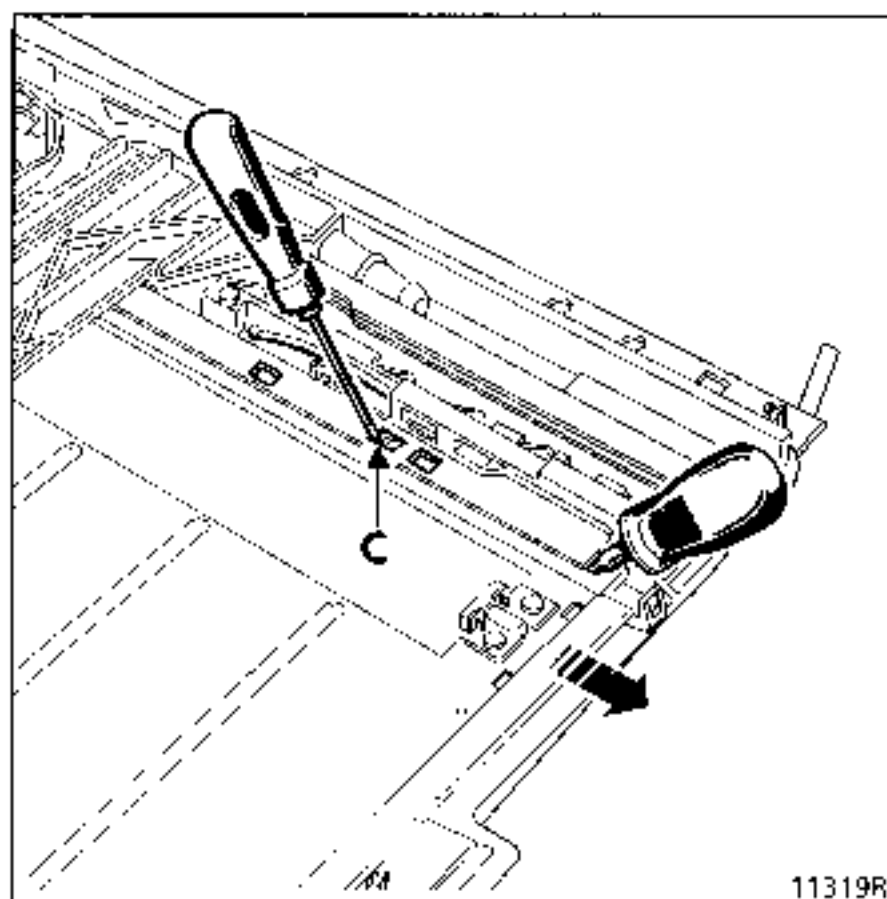
Lift the two brackets (A) and gently push the rear section (2) of the screen to release it from the front section (1).



Slide section (2) of the screen towards the rear of the cassette to bring it against the stop at (B).

Lift this in the centre to release it from the two guide rails on the cassette.

Remove section (2) of the screen.



11319R

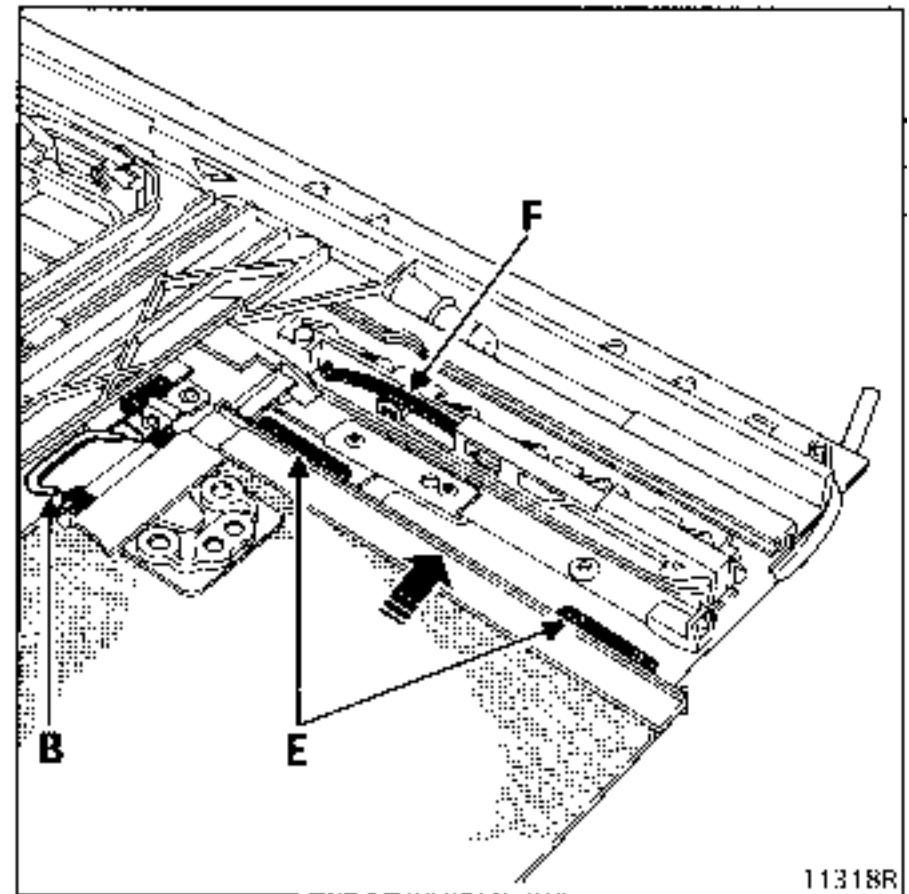
Pull section (1) of the screen backwards to reach the two retaining clips (C).

Lift it while inserting a flat blade screwdriver into the two slots (D), to release the screen from its retaining lugs on the two side runners.

Hold the runners in position (against the rear stop) and push the front section (1) of the screen under the moving panel.

Manually open the moving panel to remove section (1) of the screen via the sunroof opening.

## REFITTING



11318R

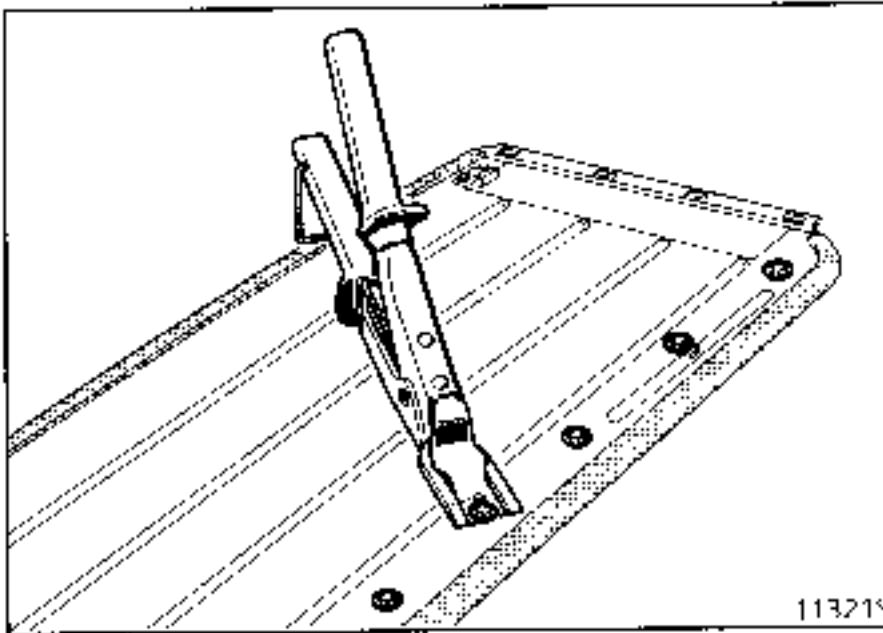
When refitting section (1), refitting is the reverse of removal.

Manually close the moving panel.

When refitting section (2) of the screen, ensure that brackets (B) are under the front cross member before refitting the screen into the two side rails.

Fit the two pads (E) into the side rails by lifting the leaf springs (F).

## REMOVING THE INTERIOR HANDLE

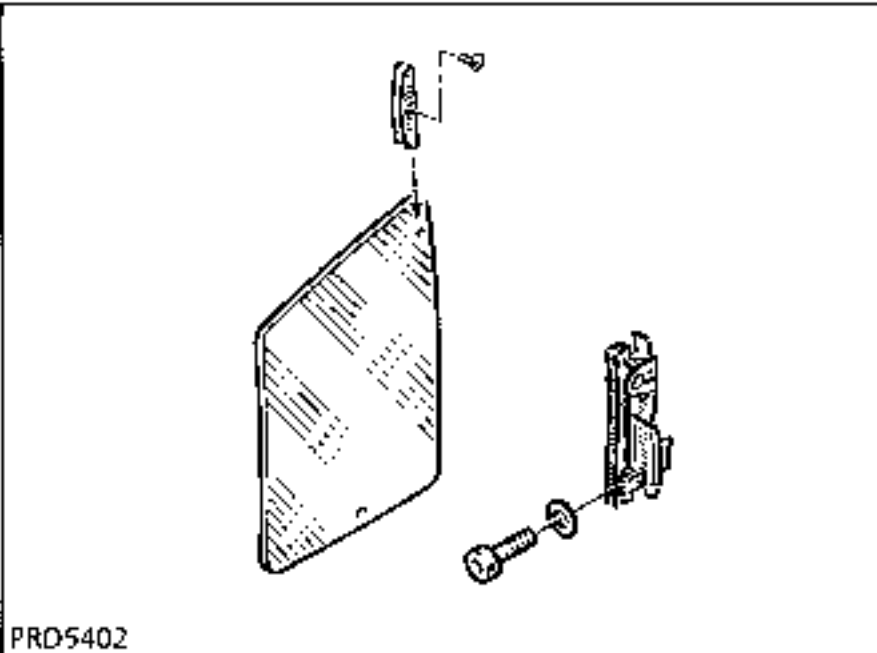


Remove the moving panel (see 52E).

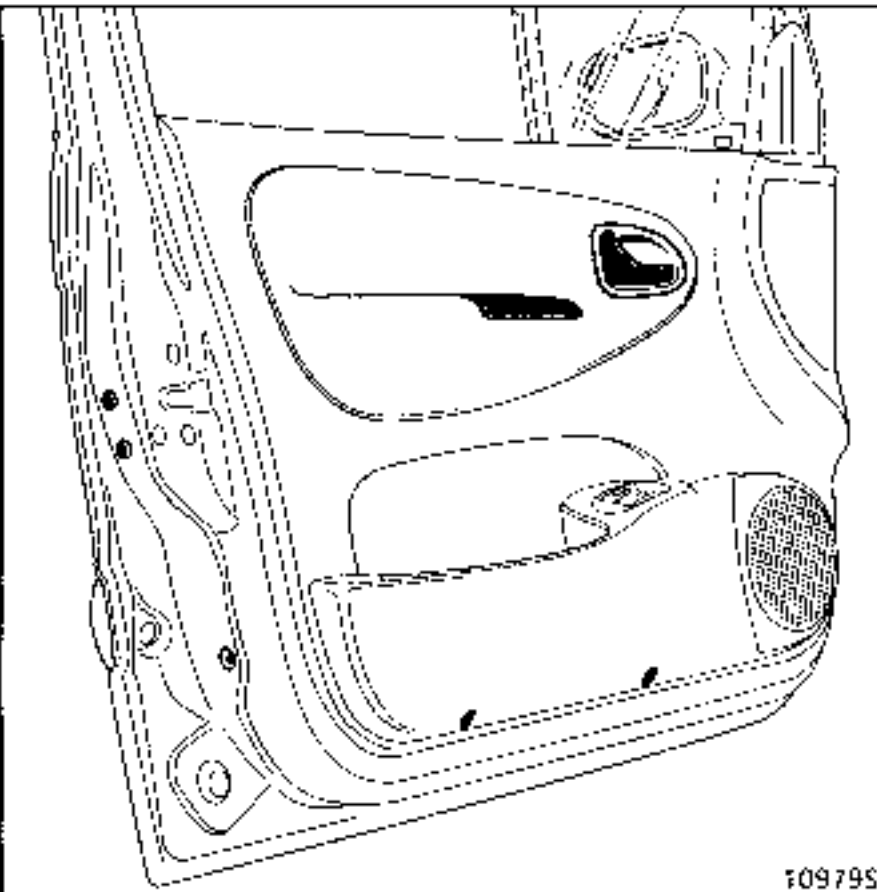
Using SODICAM unpicking pliers or a similar tool (see 50B), remove the retaining clips (A).

Remove the handle.

To make fitting the clips (A) easier, they may be pushed back into position using a 6 mm ring spanner.

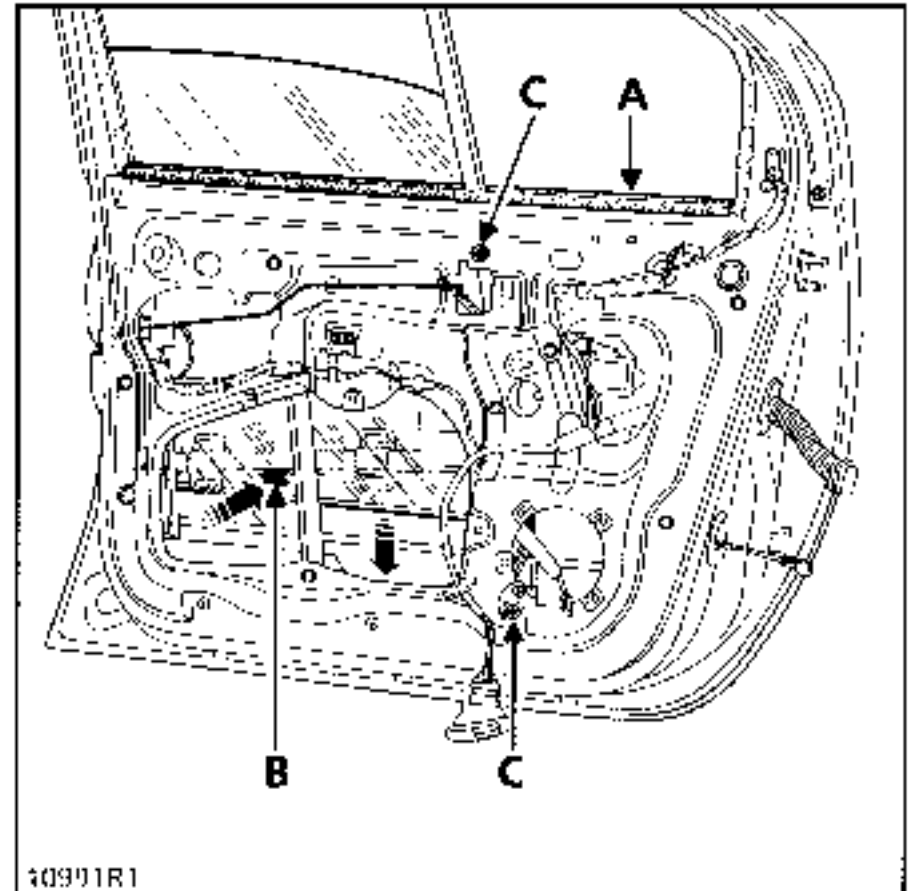


## REMOVAL



Remove:

- the front door lining and the door tray (see 72A),
- the interior and exterior side impact absorbers (see 59A and 59B),
- the theft proof pillar / lower slider (see 51B),

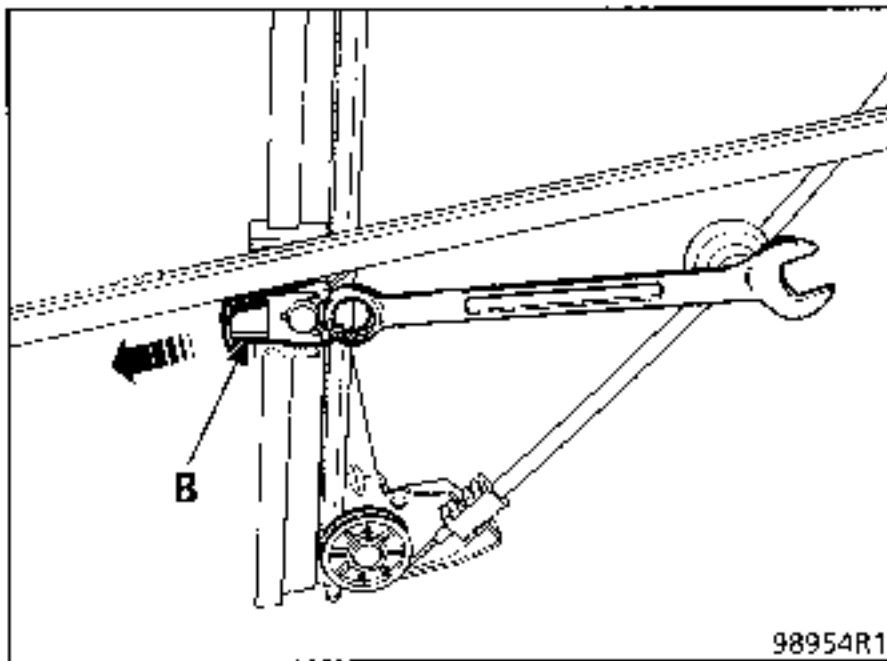


- the door interior weatherstrip (A).

3/4 lower the window .

Remove:

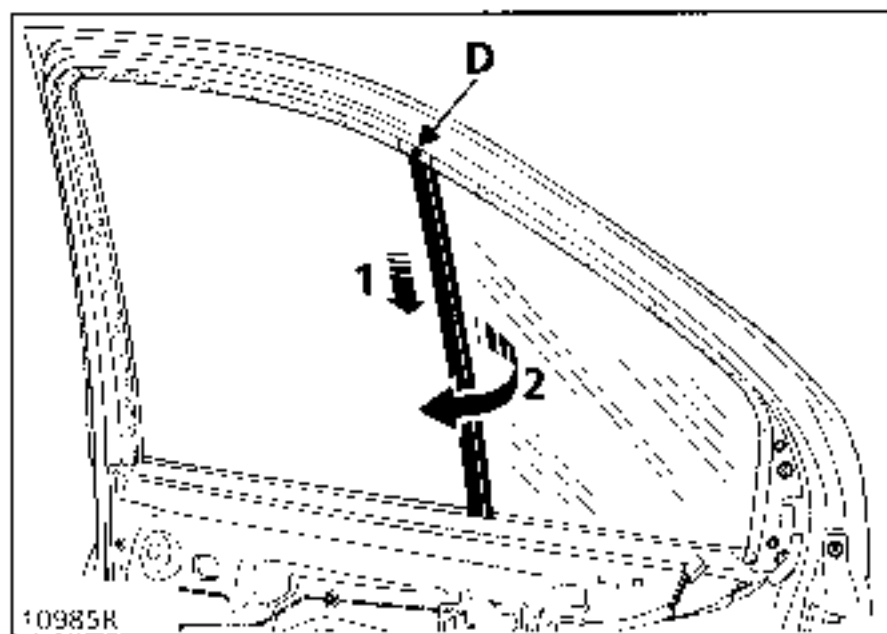
- the mounting fork (B) as shown below,
- the two lower mounting bolts on the fixed pillar (C).



98954R1

To remove the fork without damaging it, separate the lugs using a 13 mm ring spanner.

Release the window from the electric window drive bar and rest the window in the bottom of the door box section.

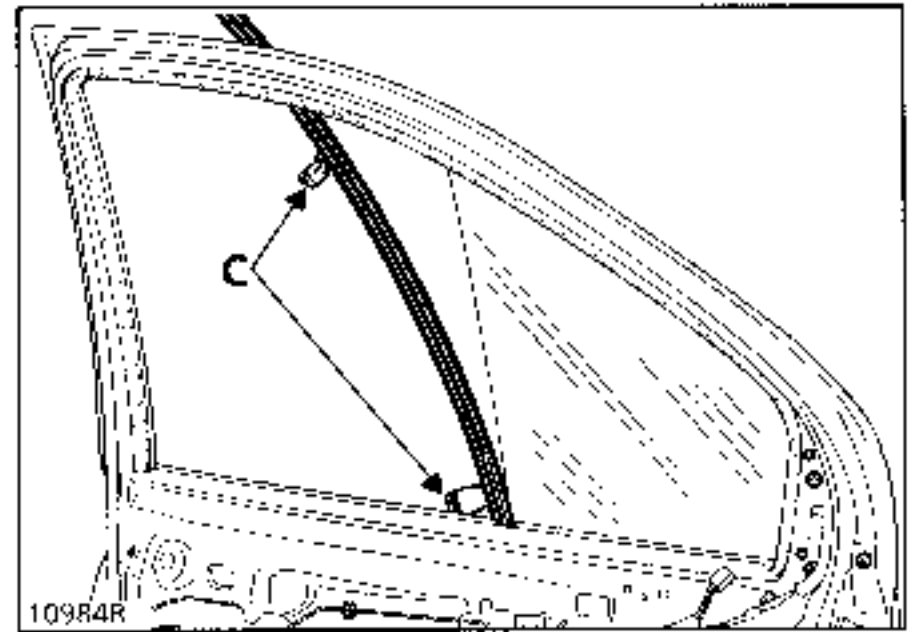


10985R

Remove the upper mounting bolt and its cover (D) from the fixed pillar.

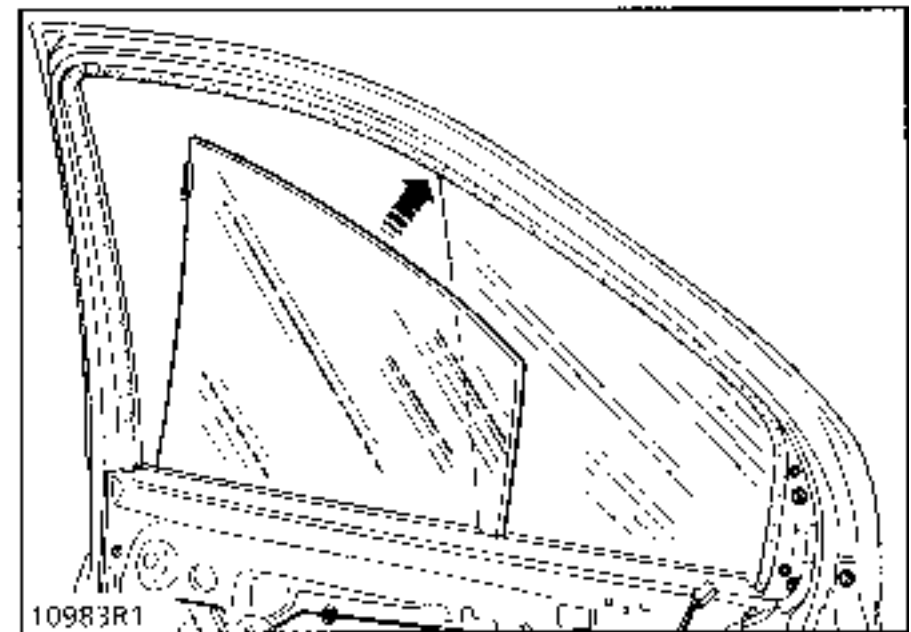
Push the fixed pillar downwards to release it from its location on the window guide (1).

Turn the pillar a quarter turn (2), so the two mounting brackets may be removed from the box section (C).



10984R

Pass the fixed pillar outside the door frame and release the two brackets (C) and remove it.



10983R1

Rest the window in the bottom of the door box section and release the window pad from the slider in this position only.

Remove the window in the position shown above.

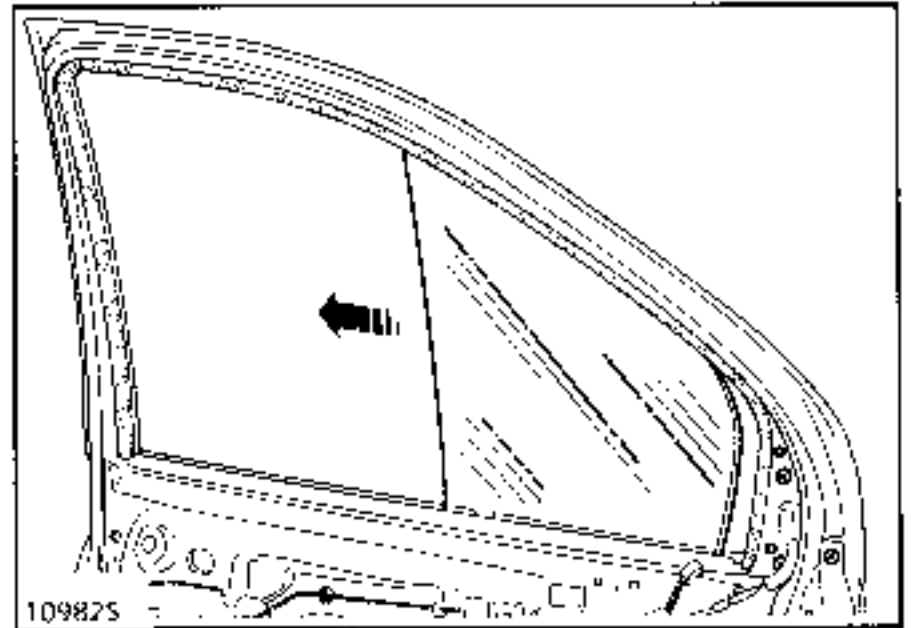
## REFITTING

When refitting, take care to refit the fixed pillar correctly at the upper mounting and check the guide lip which covers it is correctly positioned.

Refitting is the reverse of removal.



PRD5403

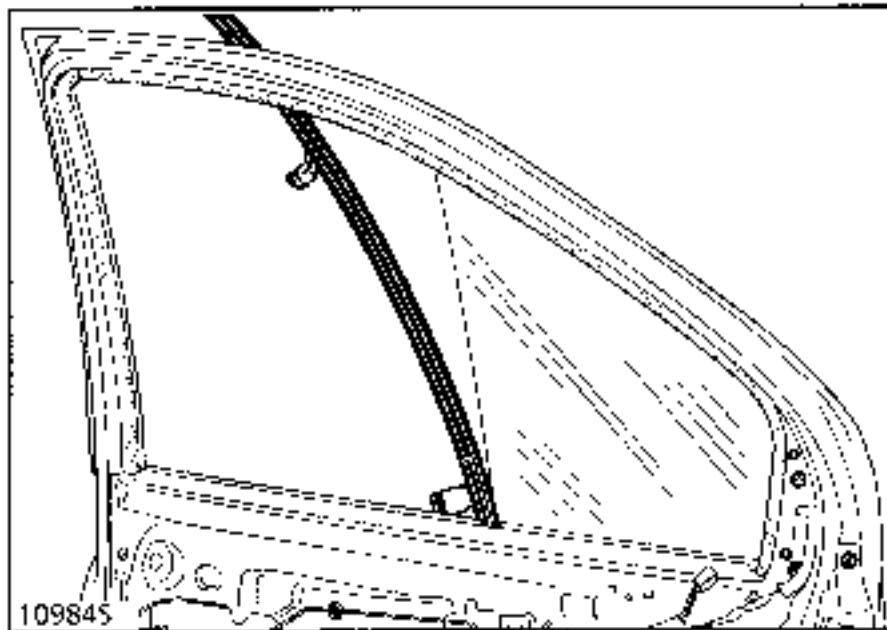


109825

Release the window from the front door frame, pulling it towards the rear of the door.

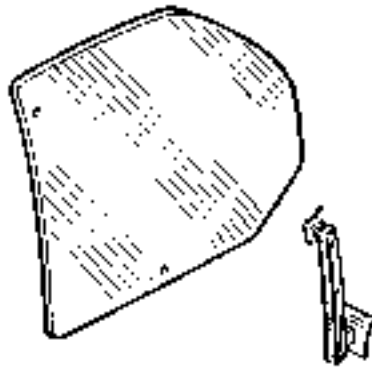
#### REFITTING

When refitting, before fitting the fixed window, ensure that the lower supporting pad is present on the edge (A) of the door box section.



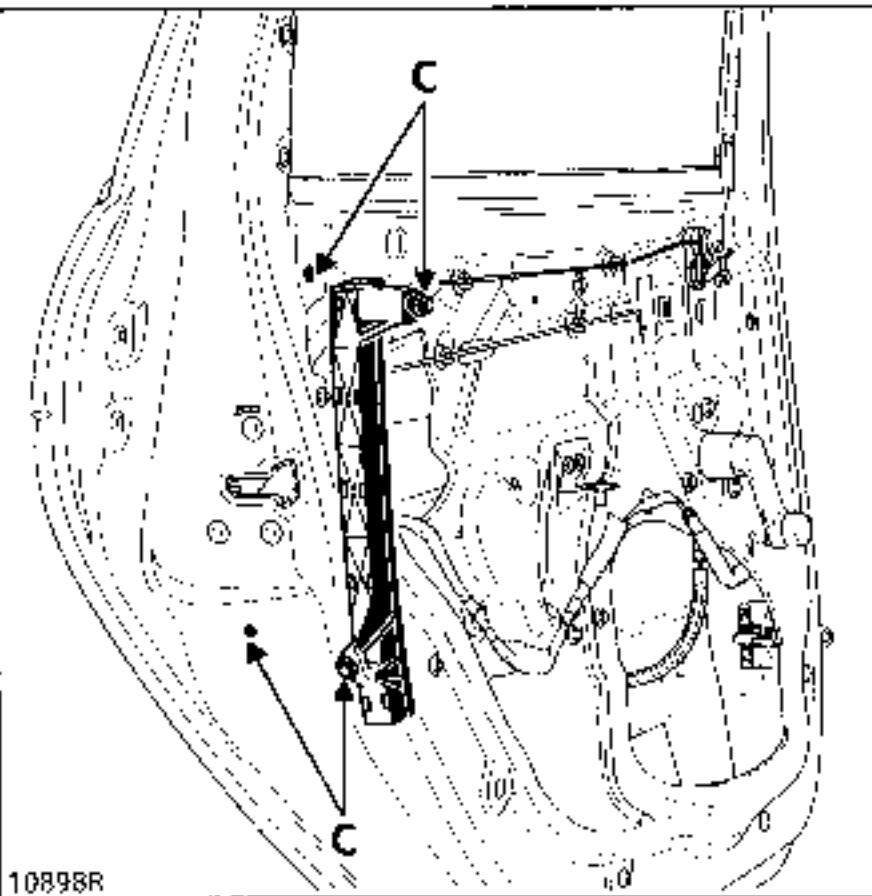
109845

Remove the front door fixed pillar (see 54A), and rest the sliding window in the bottom of the door box section.



PRD5-104

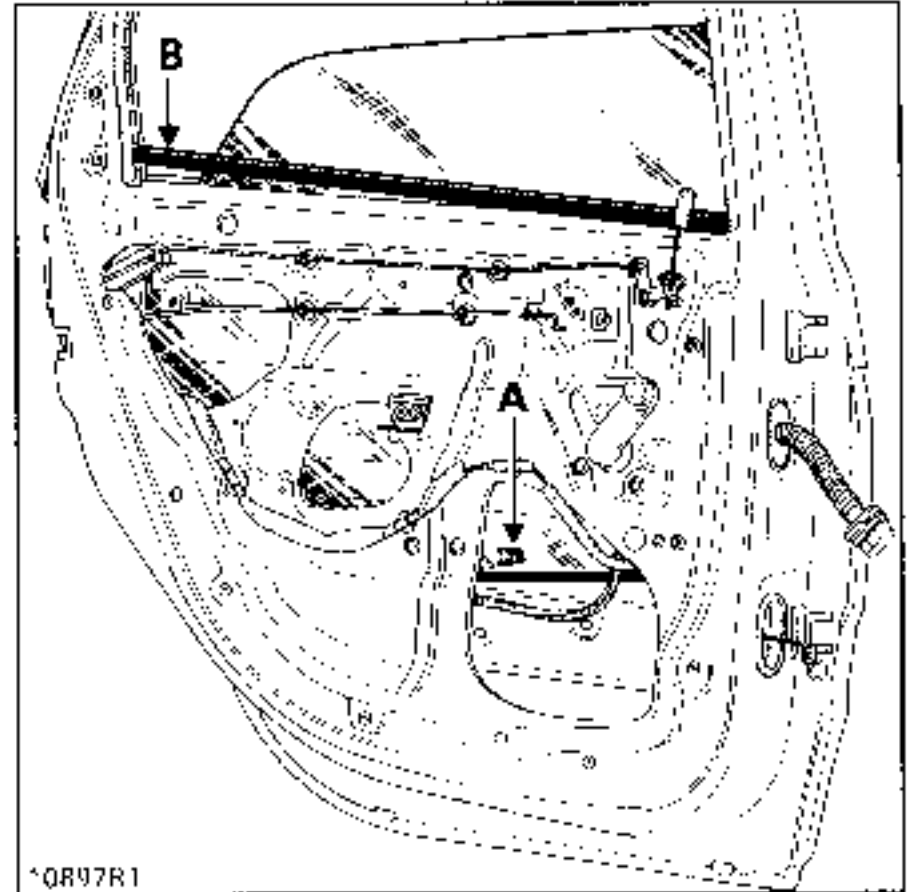
## REMOVAL



10898R

Remove:

- the rear door lining and the door tray (see 72B),
- the two mounting bolts (C) for the lower slide and remove it,

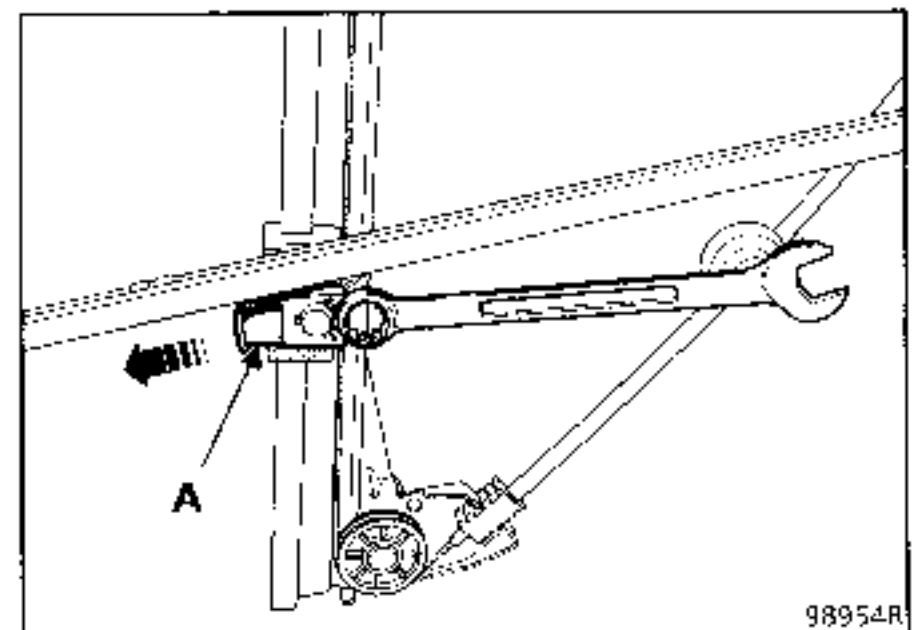


\*0897R1

– the interior door weatherstrip (B).

3/4 lower the window .

Remove the mounting fork (A) as shown below.

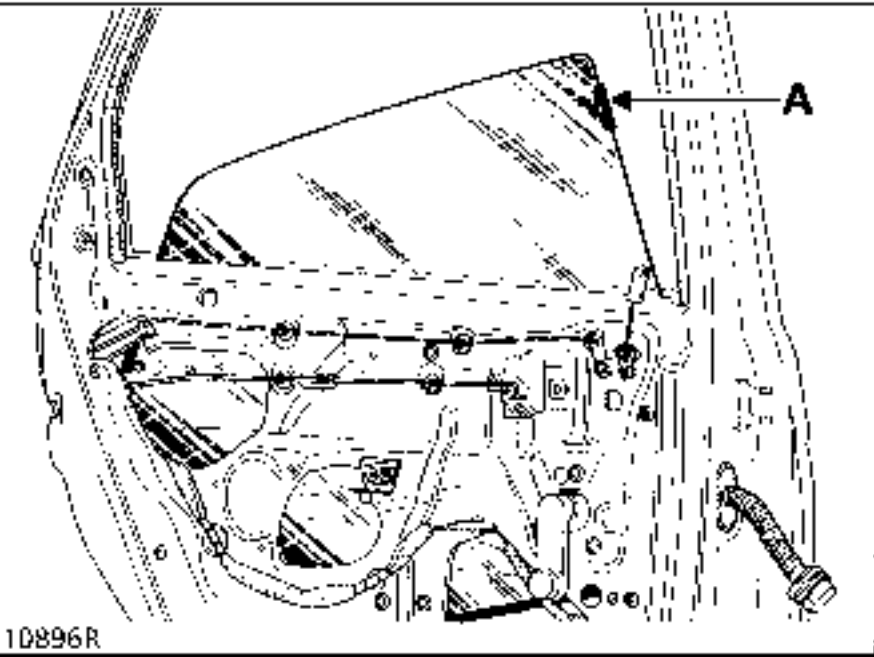


98954R

To remove the fork without damaging it, separate the lugs using a 13 mm ring spanner.

Release the window from the electric window drive bar and rest the window in the bottom of the door box section.





Remove the window from the box section as shown by the arrow (3).

#### REFITTING

When refitting, take care to ensure the rear door slider is correctly refitted as well as the door exterior weatherstrip.

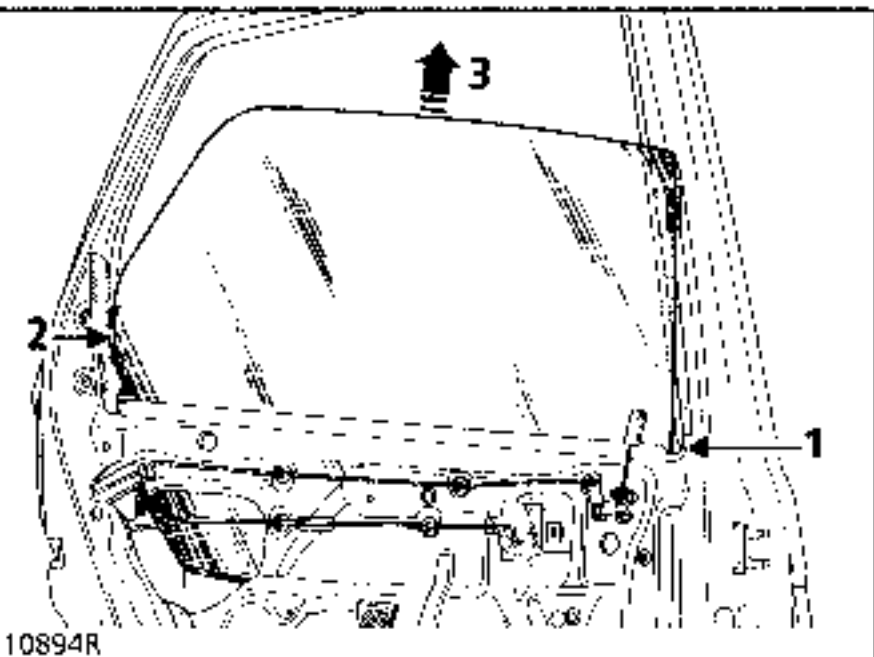
(For the method for refitting these two parts, follow the instructions in 66C and 66D).

Refitting is the reverse of removal.

Rest the window in the bottom of the door box section.

Remove:

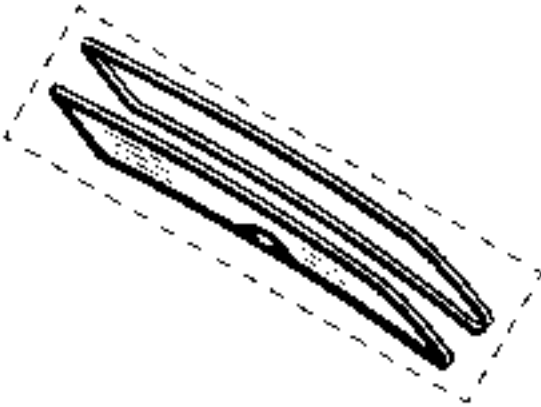
- the door exterior weatherstrip (see 66C),
- the rear door slider (see 66D) pulling the front vertical section upwards to release it from the pad on the glass (A).



To remove the glass from the box section, follow the instructions below:

Protect the two vertical pillars of the door frame using wide masking tape.

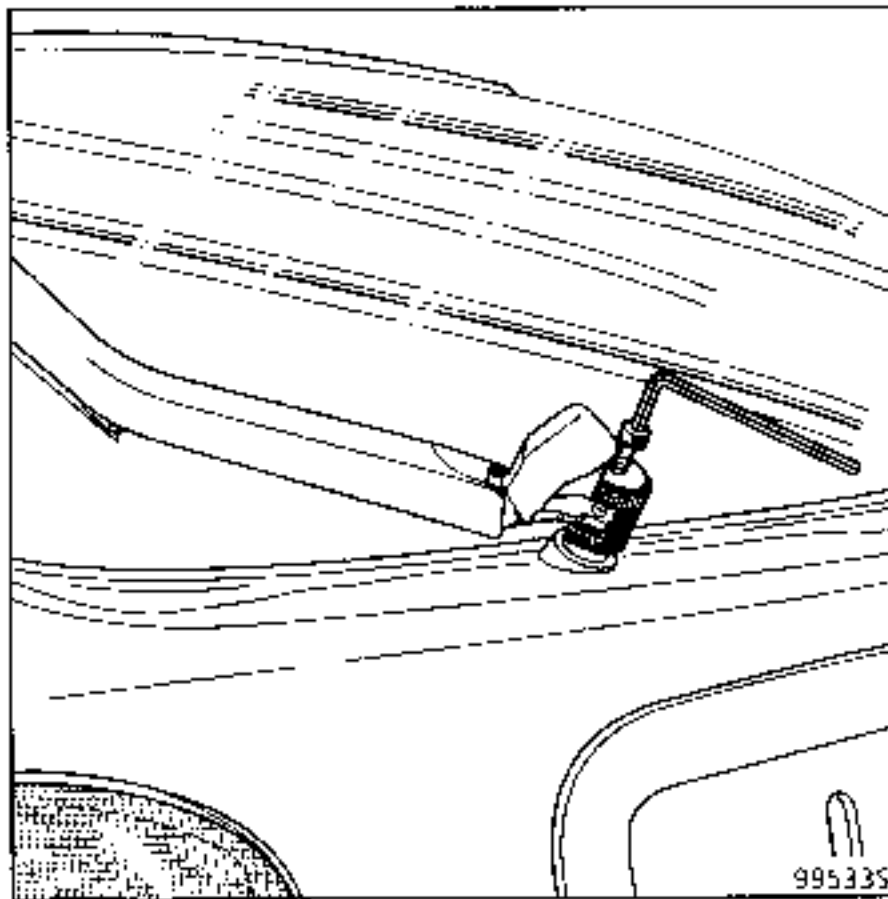
Fit the front and rear of the window into the two lugs (1) and (2).



PRD5405

The trim strip (1) is supplied with the new screen and may also be ordered separately from the Parts Department so it may be replaced each time the rear screen is removed and refitted.

#### REMOVAL



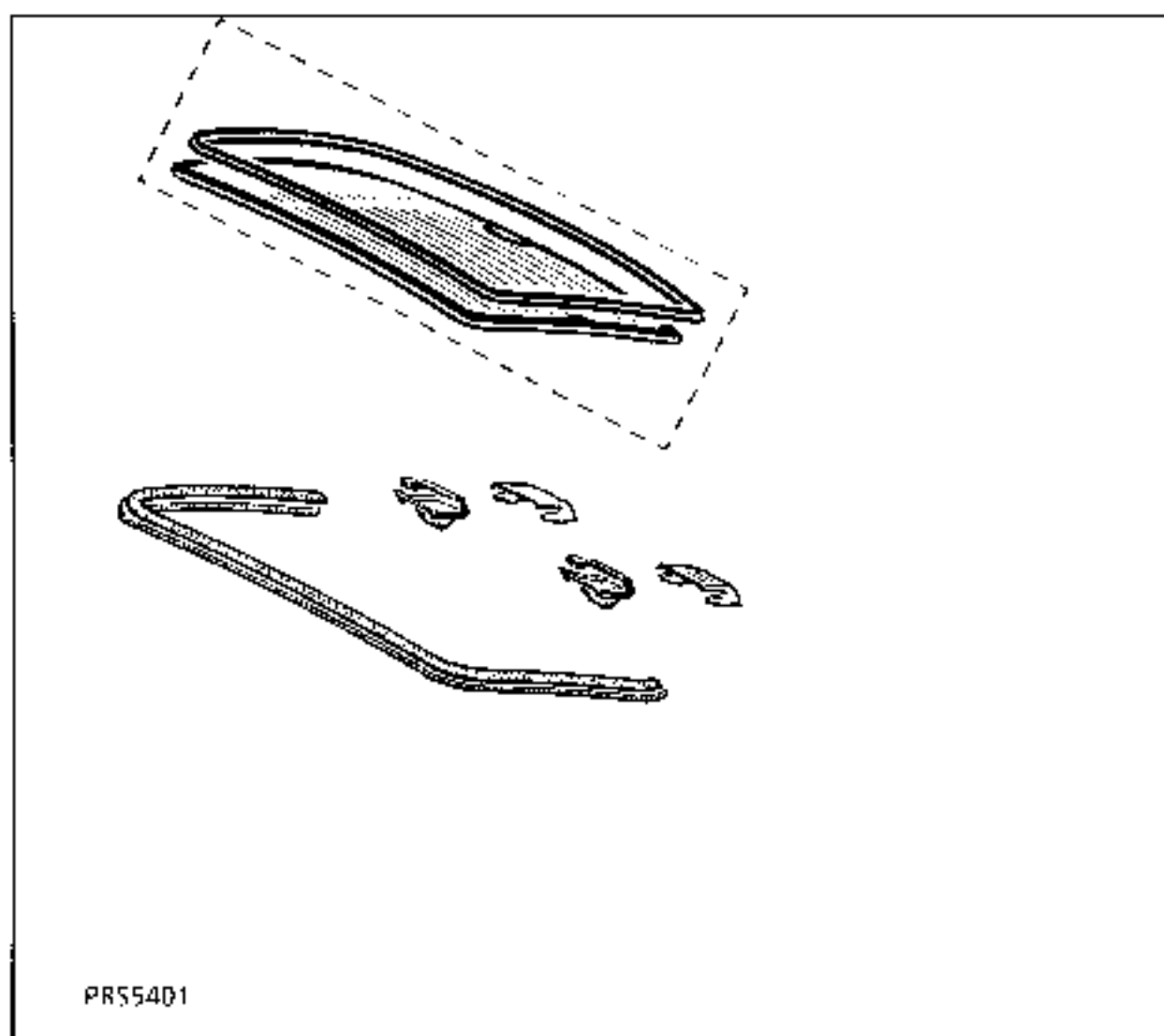
995335

Remove the rear wiper arm using tool Elé. 1294.

Disconnect the heated rear screen grid.

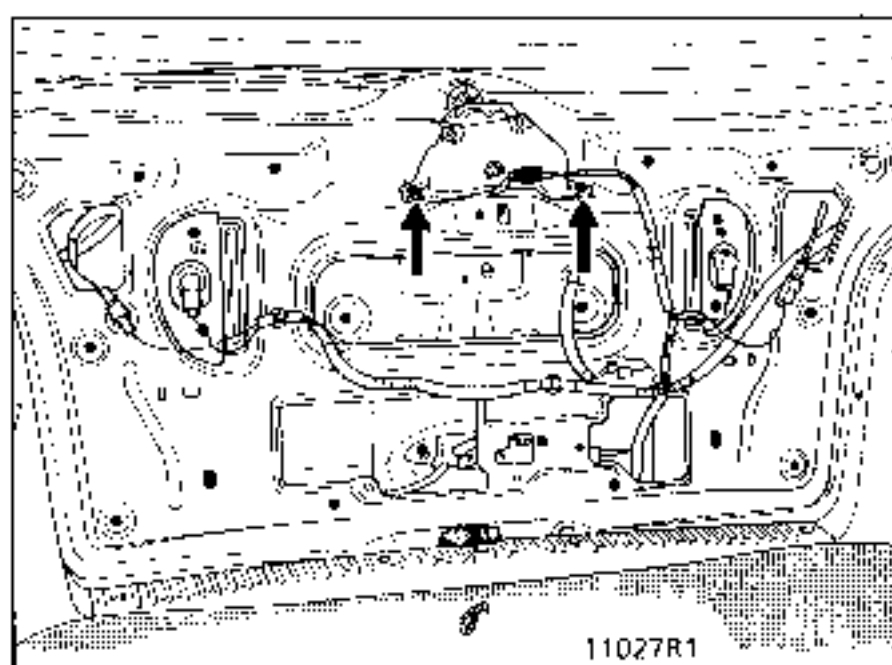
Remove the exterior trim strip, releasing an upper corner to unclip it along its length.

**This operation destroys the trim and it must be systematically renewed each time the screen is removed.**



- the rear wiper arm using tool Elé. 1294-01,
- the nut cover (B) and nut (C),
- ring (D) and sealing ring (E).

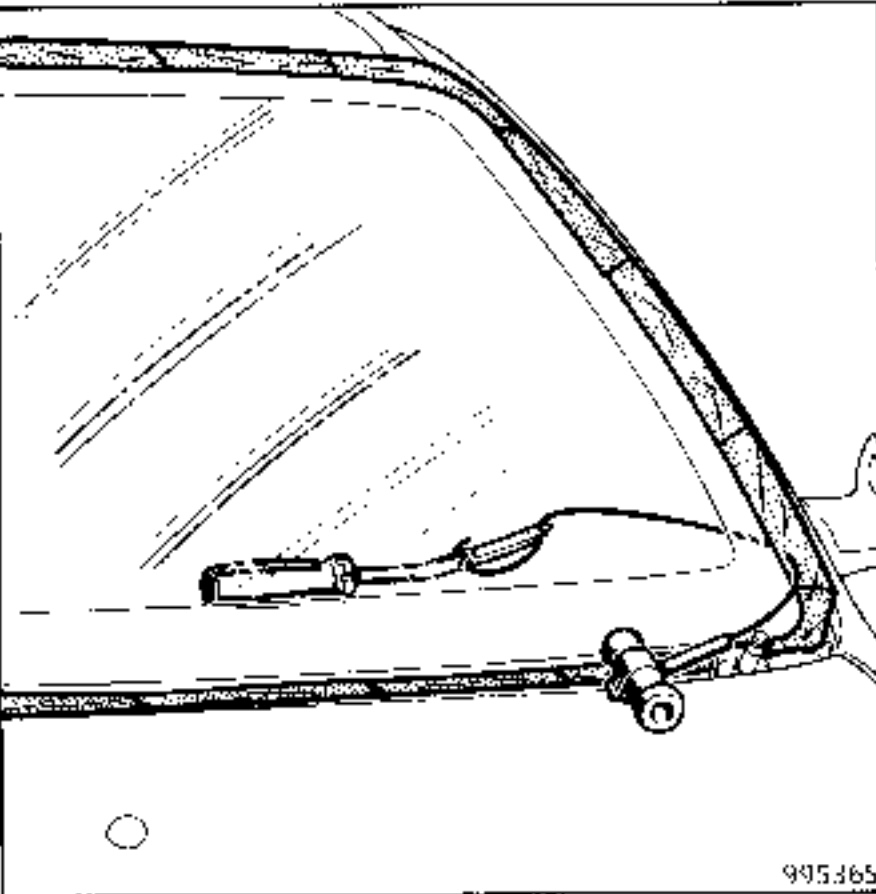
## REMOVING THE REAR WIPER MOTOR



Remove the two motor mounting bolts and remove the motor.

## REFITTING

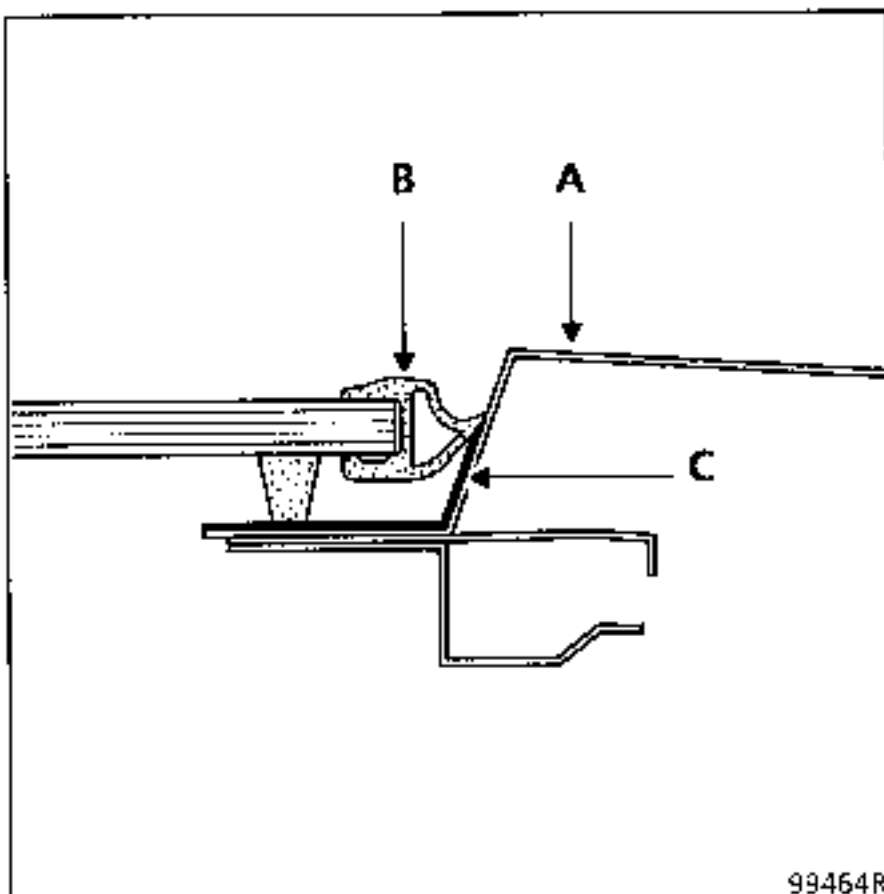
When refitting nut (C), apply a tightening torque of **0.8 daN.m** to ensure the seal is correct at the ring (E) without risking damaging the glass.



Apply a band of masking tape around the edge of the screen to protect the paintwork where the cutting wire will pass.

Pass the wire through one of the corners and fit the picking tool and the pulling handle.

Cut the polyurethane mastic bead.

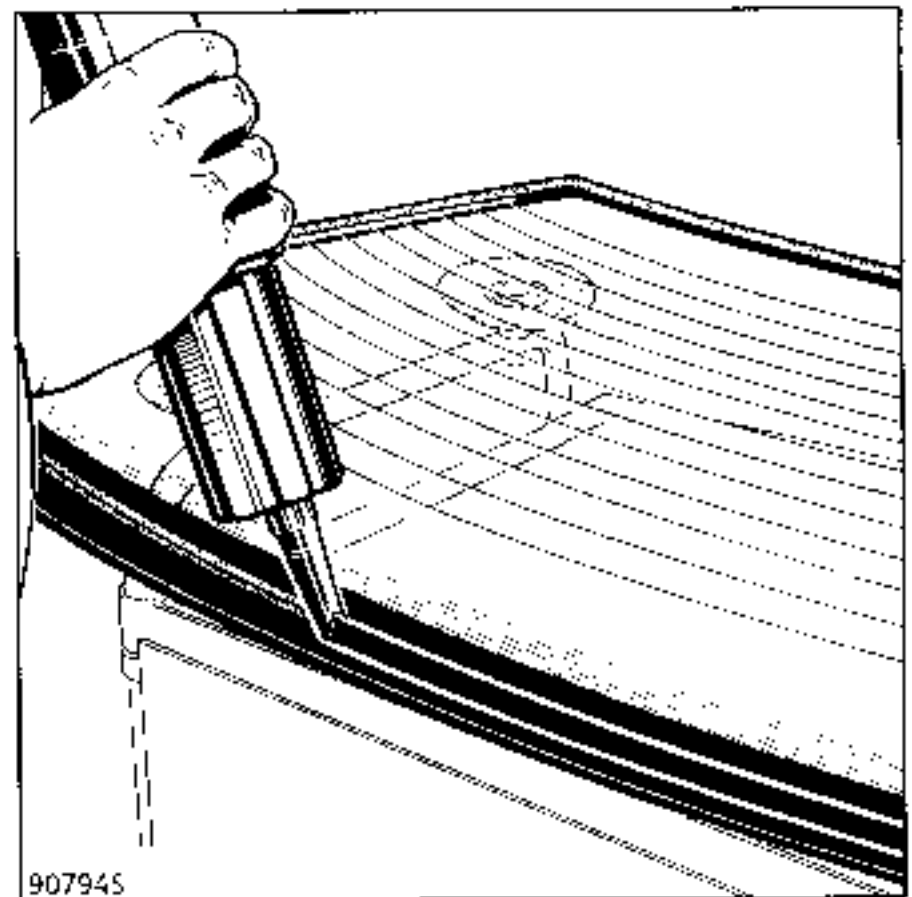


**NOTE:** when applying metal primer, mask off zone (A) before applying the primer.

The screen lies a little lower than the tailgate so any excess will be visible once the screen has been bonded into position.

- A Roof
- B Trim
- C Primer

#### BONDING AND FITTING THE SCREEN



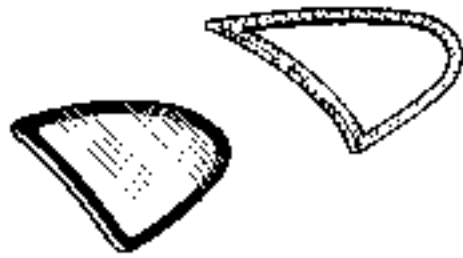
Information on the preparation of the bonding zones is given in the general method for bonding windows in Technical Note 371A.

Fit the new exterior trim correctly to the screen.

Immediately after applying the PU mastic to the glass, fit the screen into position.

To do this, present the screen above its location and centre it by setting the exterior trim against the upper edge.

Rest the screen in position checking that it is correctly positioned in relation to the tailgate all around the edge.

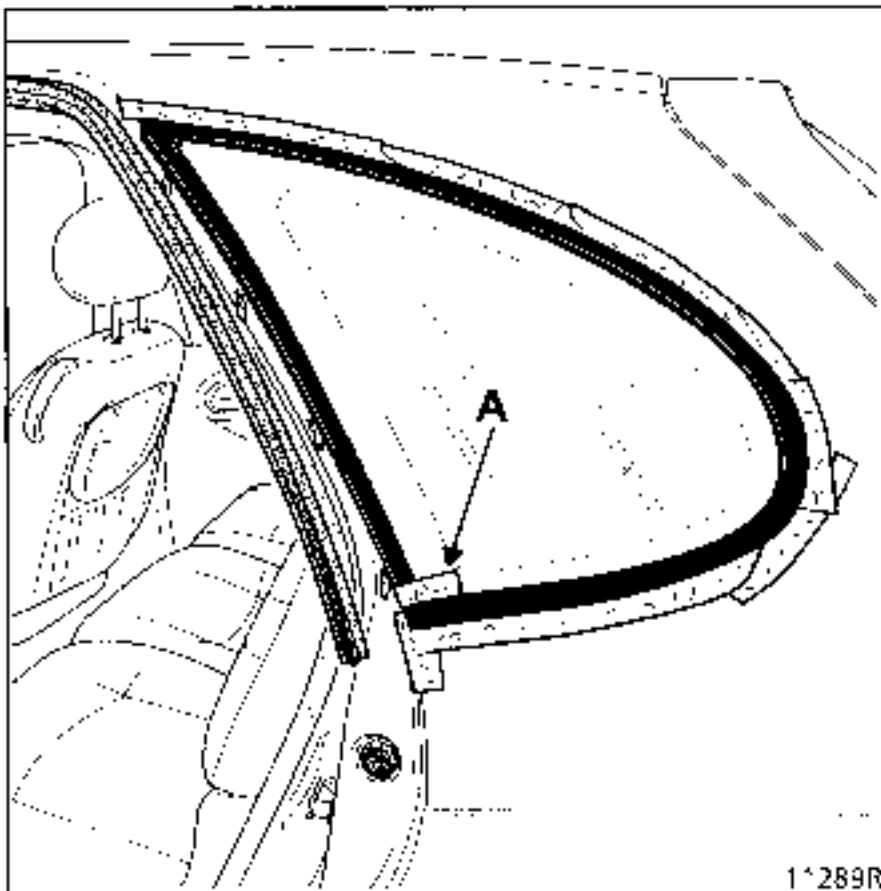


PRD5406

The trim strip (1) can be ordered separately from the Parts Department so that it may be replaced if damaged during a removal operation.

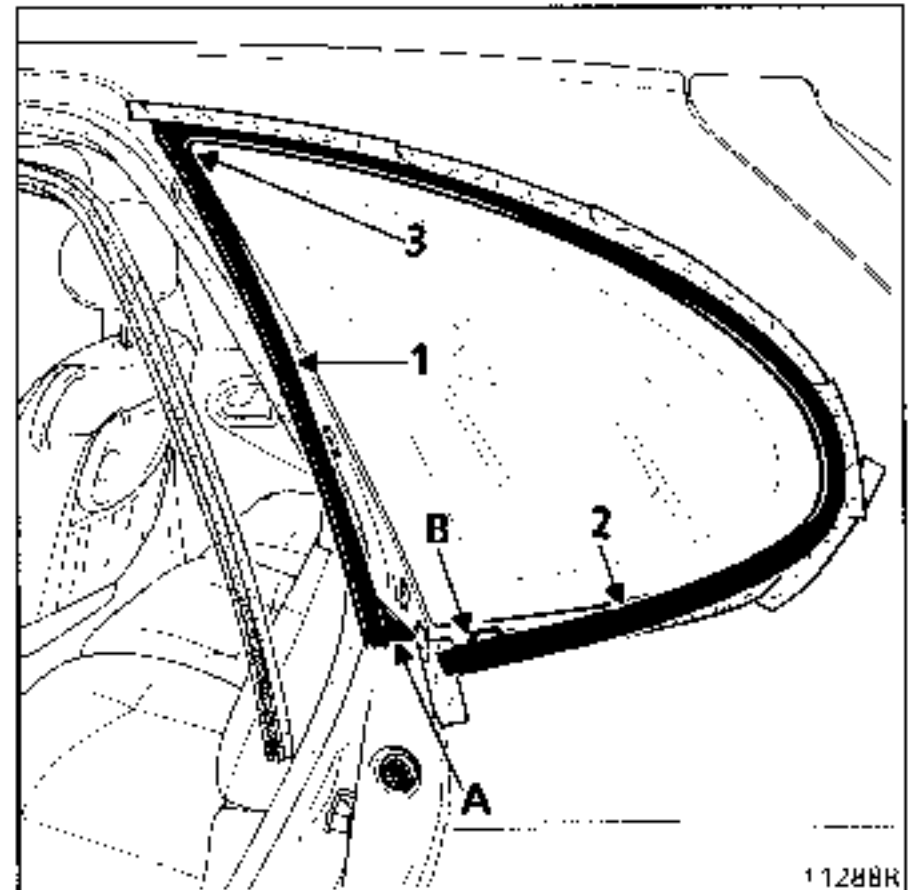
As the trim may have been bonded by the PU mastic bead used to fit the window, the old trim may not be able to be retained.

## REMOVAL



Partially remove the vertical section of the body side upper seal.

Apply masking tape around the edge of the rear quarter panel window and to the lower section of the vertical pillar at (A), to protect the paintwork in the areas where the cutting wire will pass to release the trim.



Insert a flat bladed screwdriver at (A) and push down the front end of the horizontal section of the trim to release bracket (B) from its position under the glass, while carefully releasing section (1) from its position (take care as this operation is delicate).

Carefully release section (2).

Push both sections (1) and (2) towards the front of the vehicle to release corner (3) from its position.

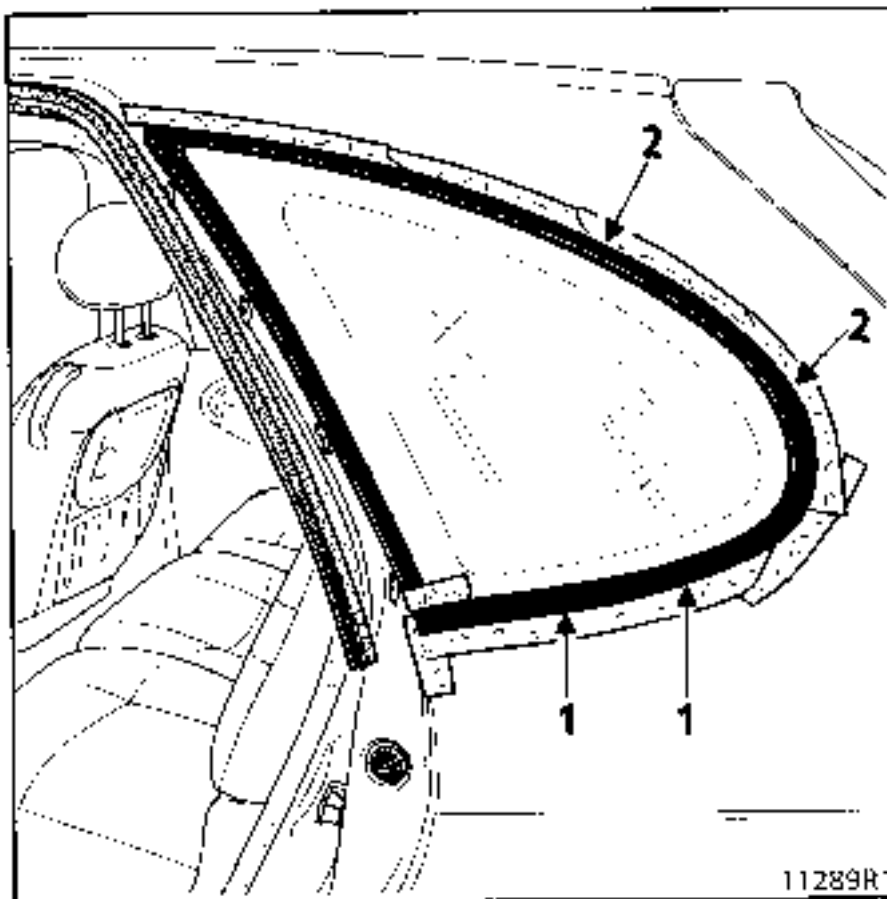
Cut out using wire as normal.

The inner rear quarter panel lining does not need to be removed to cut out the rear quarter panel window.

## BONDING AND FITTING THE WINDOW

Fit the trim strip to the window correctly.

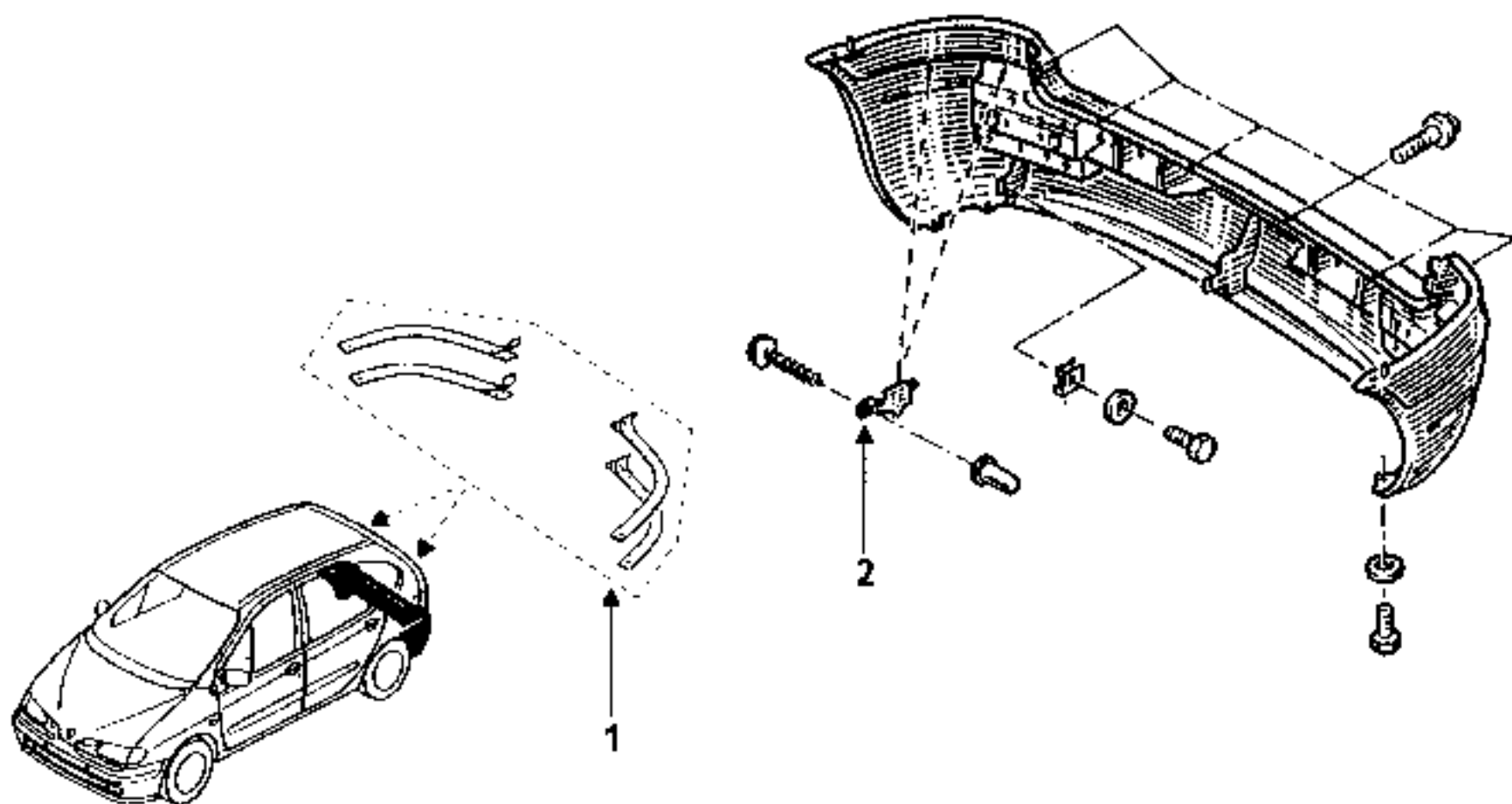
Information on the preparation of the bonding zones is given in the general method for bonding windows in Technical Note 371A.



Immediately after applying the PU mastic to the glass, put it into place, bringing the exterior trim against the stop at (1) and (2).

Press gently on the window to ensure the depth positioning stops are against the trim.

Apply two strips of masking tape across the paintwork and the glass at the upper section to hold the window in place while the adhesive dries.



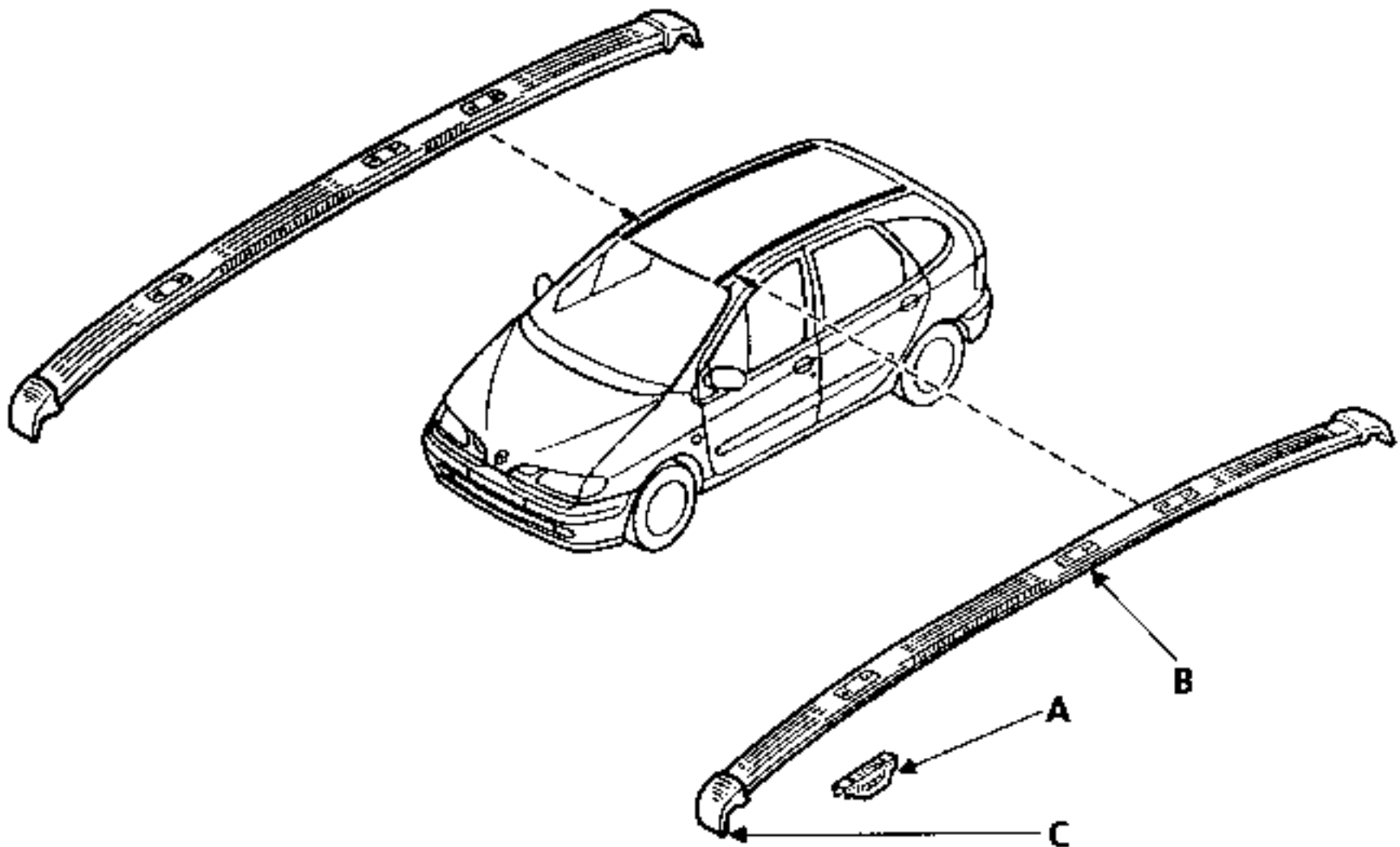
PRD5501

These protective films ensure anti-friction protection in areas where the body and bumper rub, due to the side pressing devices (2) fitted to the body.

**IMPORTANT:** This operation should be carried out when a front or rear component concerned is replaced or the element is straightened.

A kit is available to protect the rear wings and the right and left hand wing panel extensions (1) under Part Number **77 01 470 059**.

The method for bonding these protective films is described in Technical Note n° 382A.



PRS5501

**NOTE :** clips (A) are of a specific type depending on whether conventional trim strips with no covers or special aluminium trim strips for fitting roof bars are used.

For removing - refitting conventional trim strips, refer to the method described in M.R. 313 MEGANE section 55D.

#### REMOVING SPECIAL TRIM STRIPS FOR ROOF BARS

Remove the roof bars.

Open cover (B) at the back of the vehicle.

Using a wooden block or plastic block, slide the trim strip 1 to 1.5 cm towards the rear of the vehicle, taking the weight against the rear edge of the cover (B) which was opened previously.

The retaining clips (A) should all be released from the retaining rail lugs on the roof.

Using the method described above, all the retaining clips should be retained without damaging them.



## REFITTING

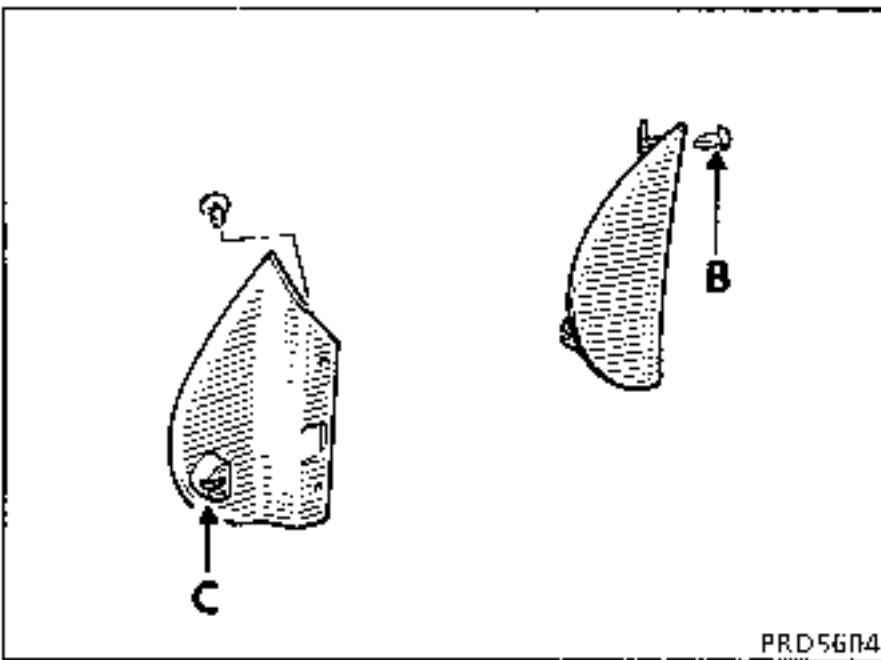
**IMPORTANT :** to refit the trim strip to the vehicle, it is necessary to check the condition of all the retaining clips.

If any of the clips are broken, they must be replaced by unclipping the faulty clip from the rail so that a new clip may be fitted in the rail location lug, ensuring that each clip is correctly positioned on the rail.

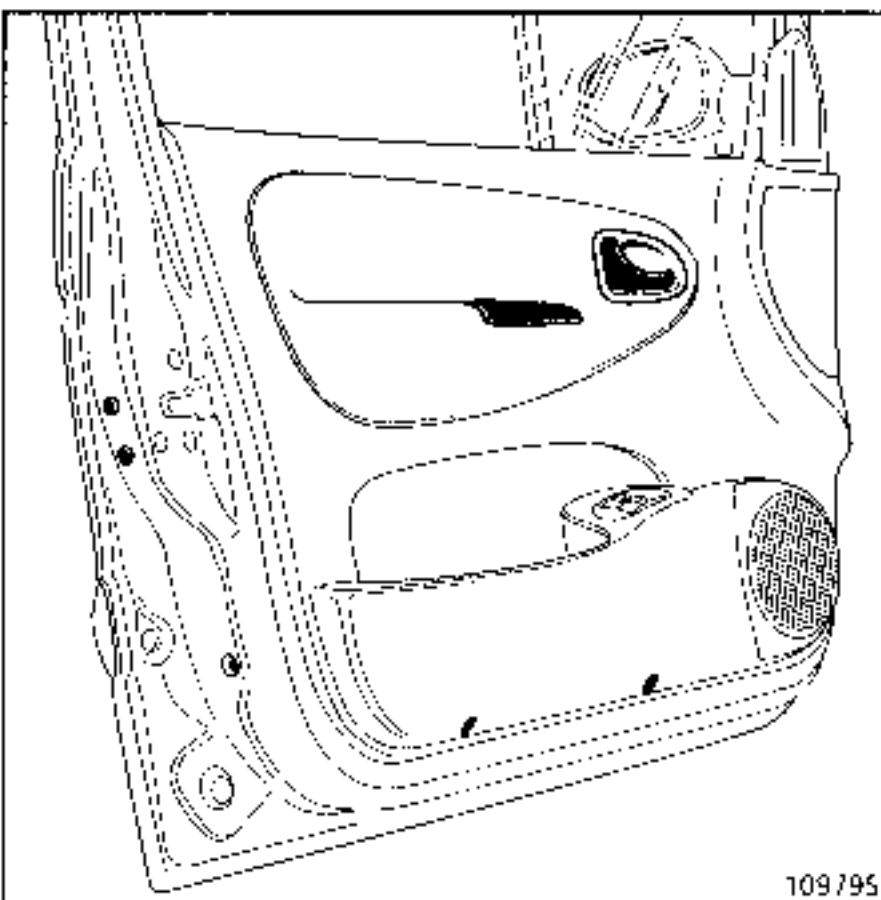
Fit the front section (C) of the trim strip on the vehicle so it can be slid between the windscreen trim lip and the metal.

Gradually fit the trim and press on it to secure all the retaining clips (A) along its complete length.

## EXTERIOR REAR VIEW MIRROR EXTENSION



## REMOVAL

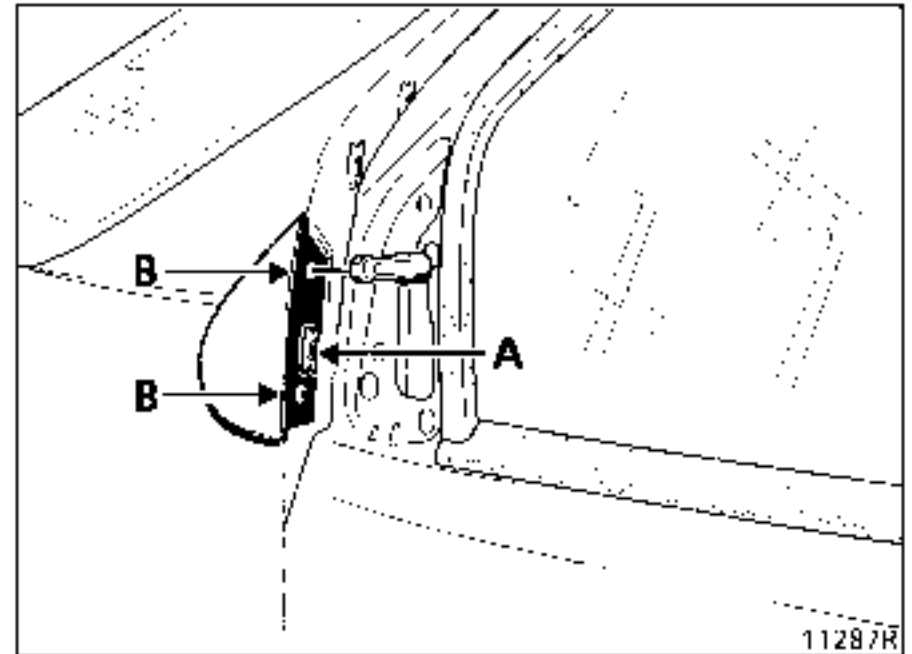


### Remove:

- the interior access cover for the two rear view mirror mounting bolts,
- the three rear view mirror mounting bolts.

Disconnect the connector and remove it.

Partially remove the seal from the body side.



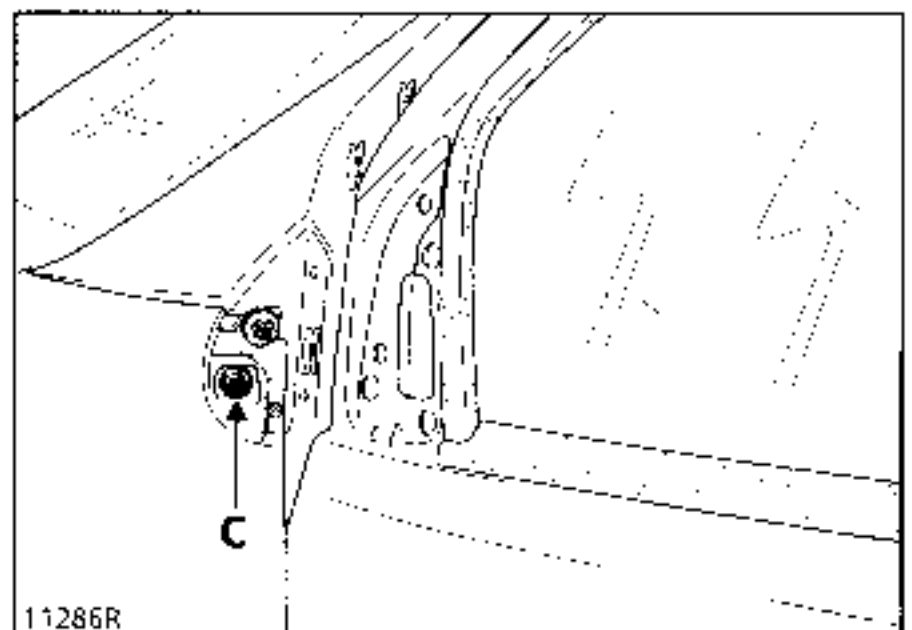
Open the front door until it reaches the door stop.

Remove the clip (A) from the KSM rivet.

Using a small flat blade screwdriver, push the pins back as far as possible in the centre of the two mounting stops (B).

Separate the front pillar section at the level of the two mounting stops (B) to release them from their location.

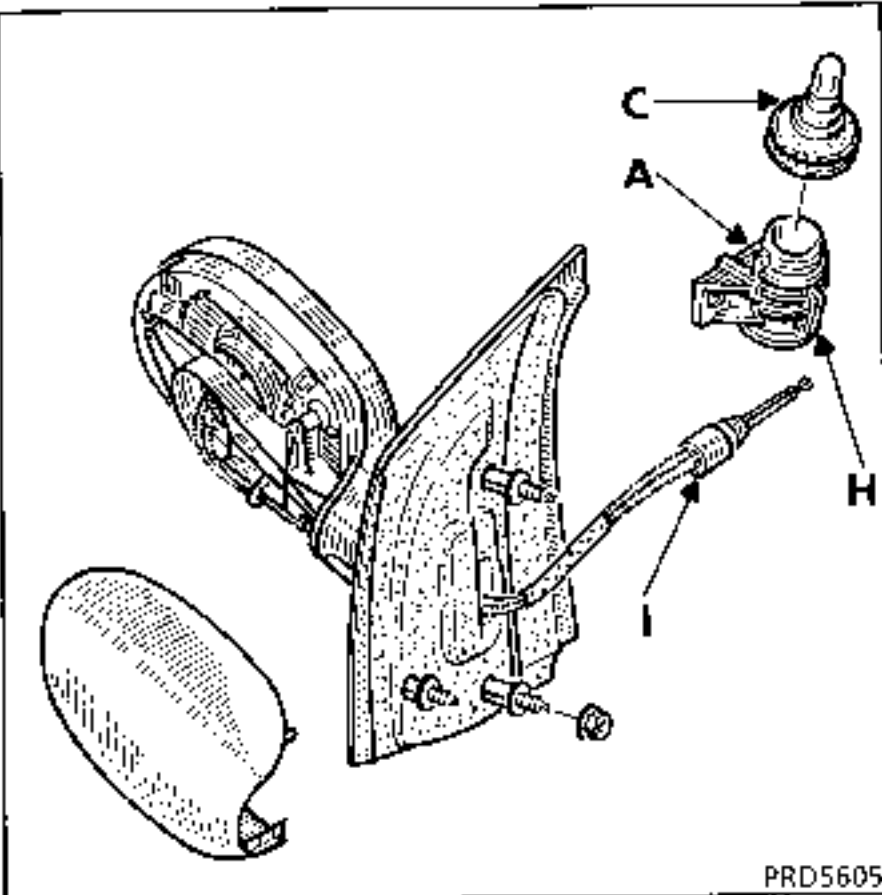
Pull the section towards the rear to release it from the retaining clip (C).



When removing / refitting this extension the two mounting stops (B) must be renewed.

**NOTE :** this extension must be removed when the front wing is removed and refitted.

# MANUALLY OPERATED EXTERNAL REAR VIEW MIRROR

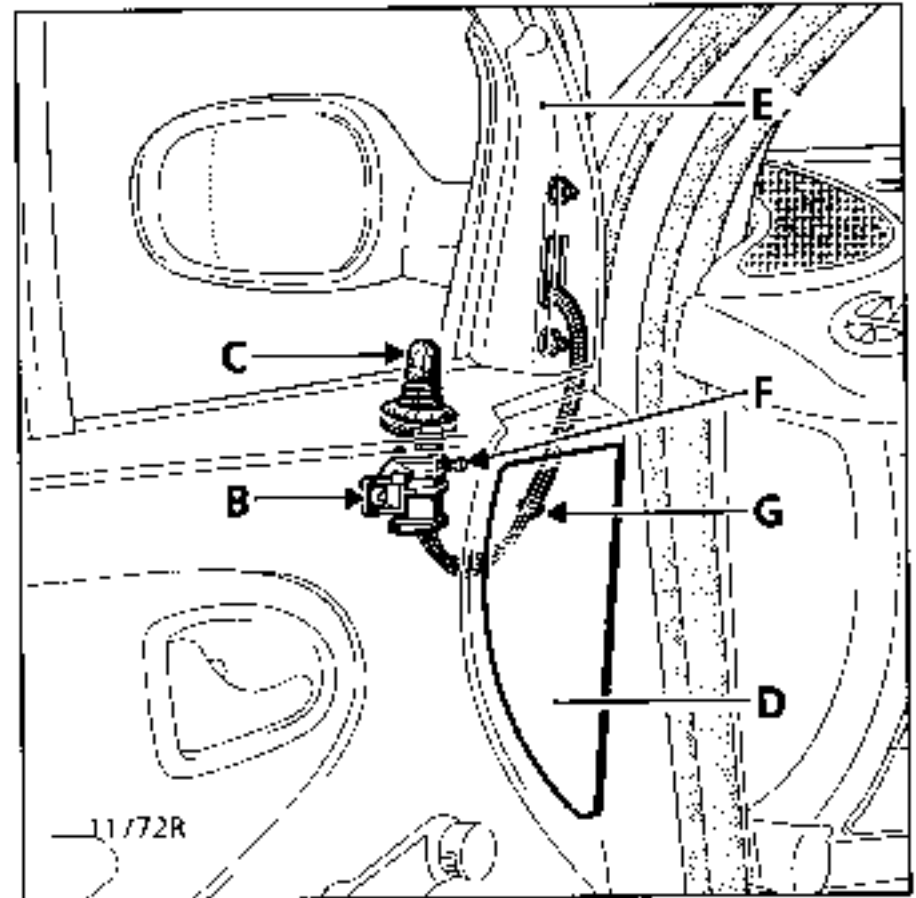


**NOTE :** the tightening nut (A), mounted by two bolts to the door panel lining, is common to both front doors on the vehicle.

To fit the new part, which is available from the Parts Department, to the passenger door, the hole for the mounting bolt for the manual adjustment control must be drilled.

The mounting bolt must be on the side of the door lining access cover.

To do this use a drill of diameter 2.5 or 3.



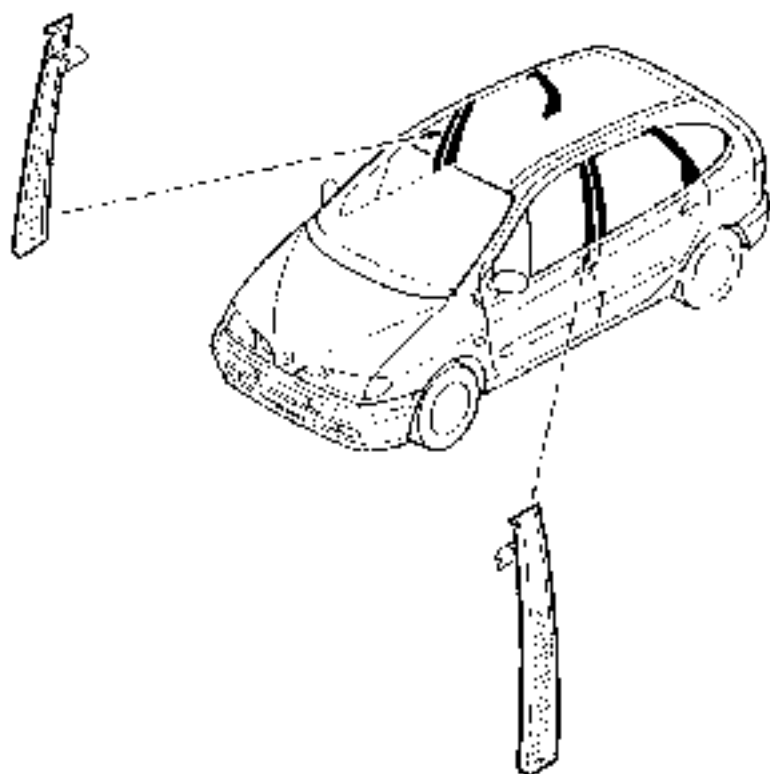
Remove:

- the adjustment control cover (C),
- the access cover (D),
- the cover for the exterior rear view mirror mountings (E),
- the adjustment control tightening bolt (F) by passing a screwdriver (Torx 20) via the access cover (D),
- the adjustment control (B). Push on tab (H) while passing your hand between the lining and the door box section, to release the retaining lug on the adjusting control (I).

Remove it from the tightening nut.

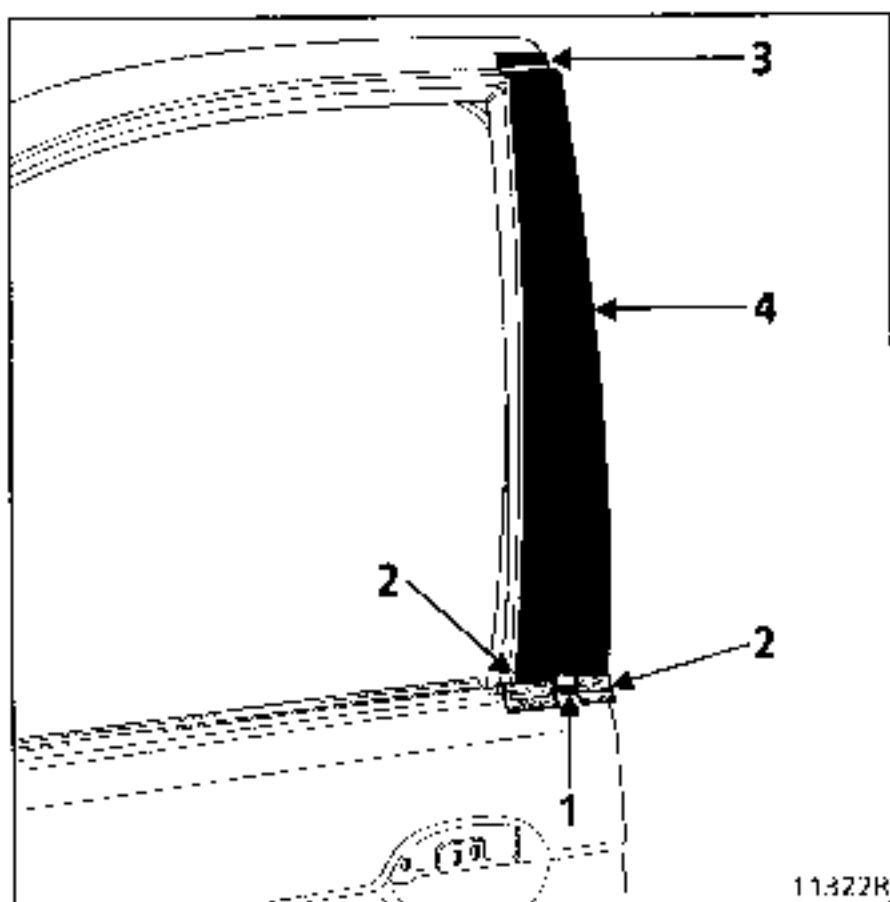
Cut the retaining collar (G) for the rear view mirror control cables.

Remove the 3 mounting bolts for the rear view mirror and remove it by sliding the adjustment control outside the door panel.



PRD5608

## FITTING



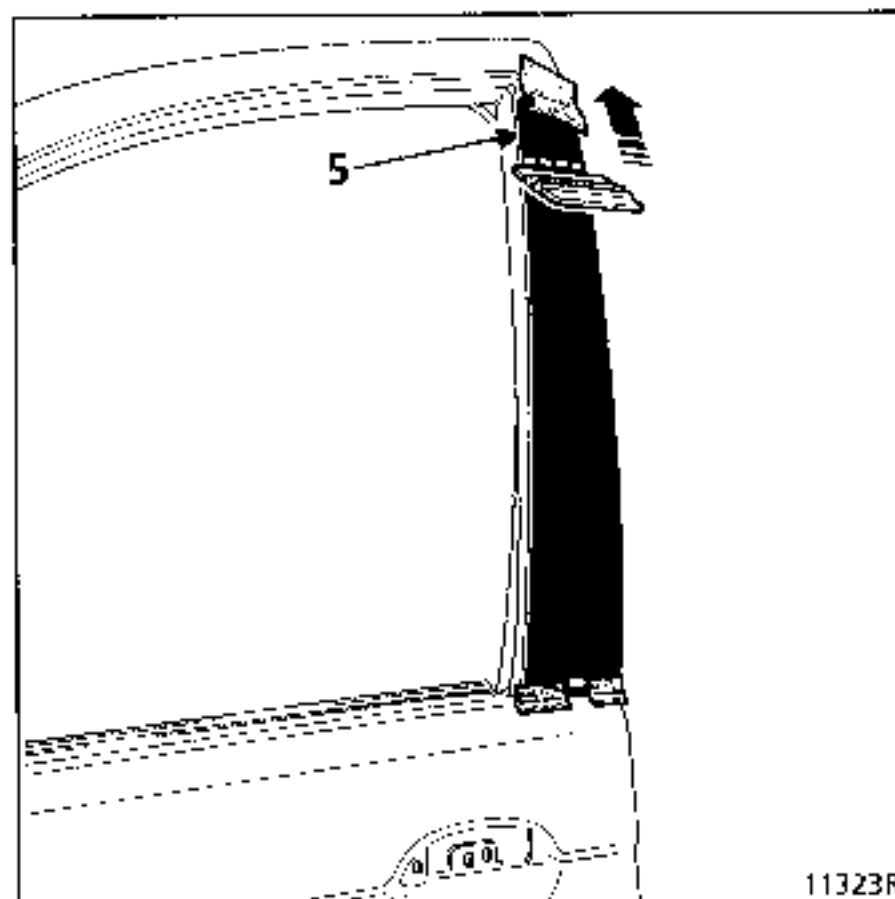
11322R

Use HEPTANE to clean the bonding zone using a lint free cloth.

Offer up the trim to be bonded in position on the pillar and visually centre it over hole (1) and the start of the curve (2) at the base of the pillar.

Hold the lower section of the trim in place using adhesive tape.

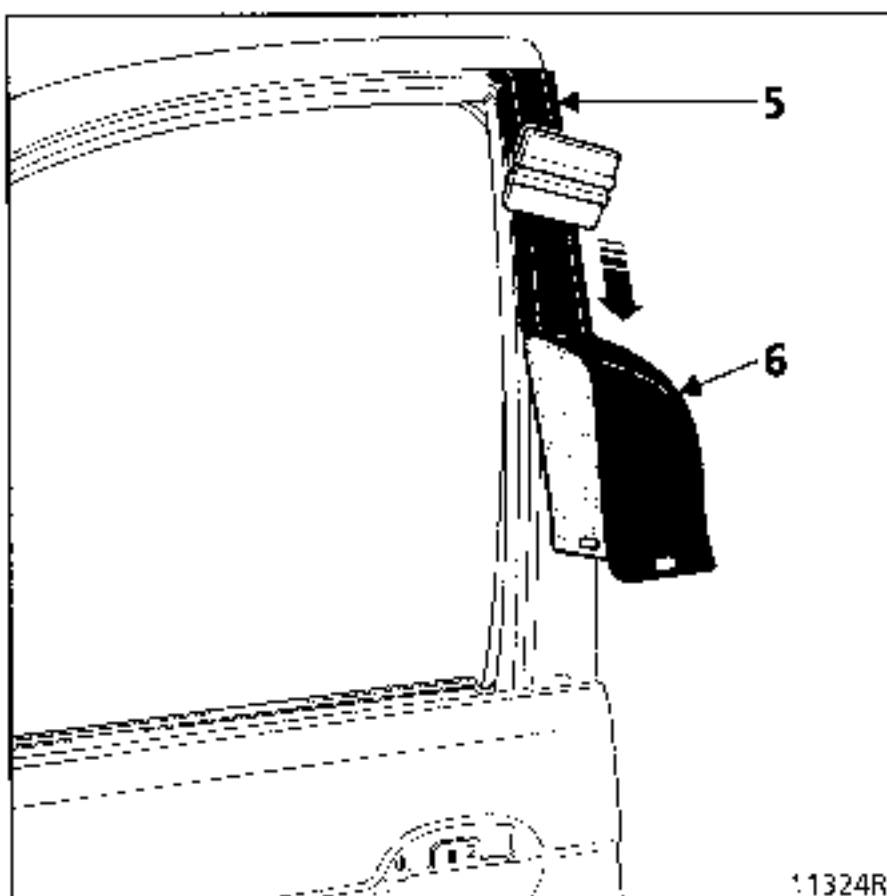
Visually centre the lug (3) on the edge of the pillar and hold the part in position by pressing on the centre at (4).



11323R

Turn the top of the part over and remove 10 mm of the protective paper without moving the part.

Fit the scraper under section (5), moving from the bottom to the top in a continuous motion, while progressively removing the protective paper as the scraper moves up.

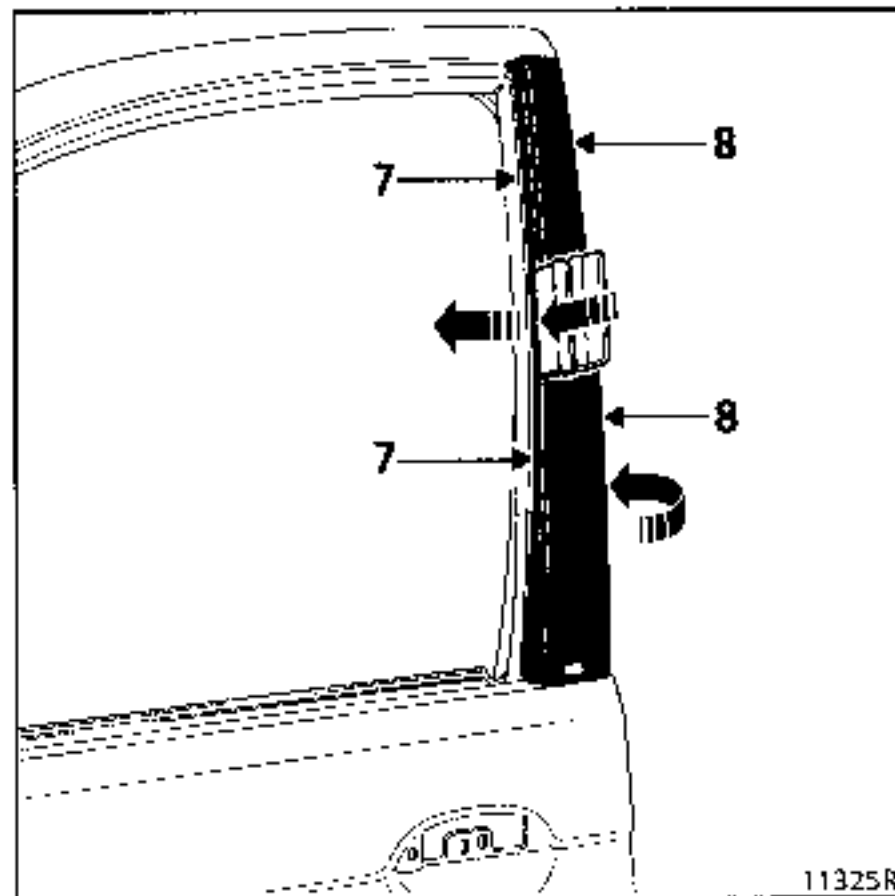


Remove the adhesive tape from (1) and (2).

Turn over section (6) over (5) and remove 10 mm of the protective paper.

Pass the scraper over section (6) from the top to the bottom in a continuous motion, while progressively removing the protective paper as the scraper moves along (begin working gently at section (5)).

Do not press too hard on the scraper as the trim strip may lengthen and be deformed.



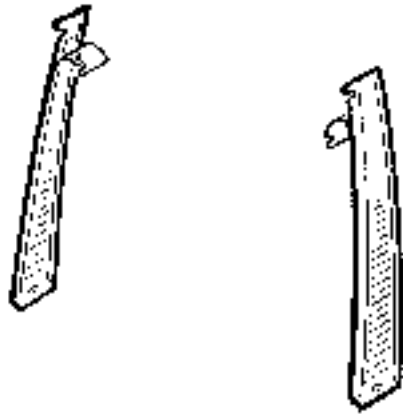
Mark the two edges (7) and (8) using the scraper.

Flatten the edge (7) beginning at the top (5), by making a movement from the rear forwards, to fully flatten the trim against the the corner on the slider side.

Run the scraper in one continuous movement along the edge (7) using a corner of the scraper or your thumb.

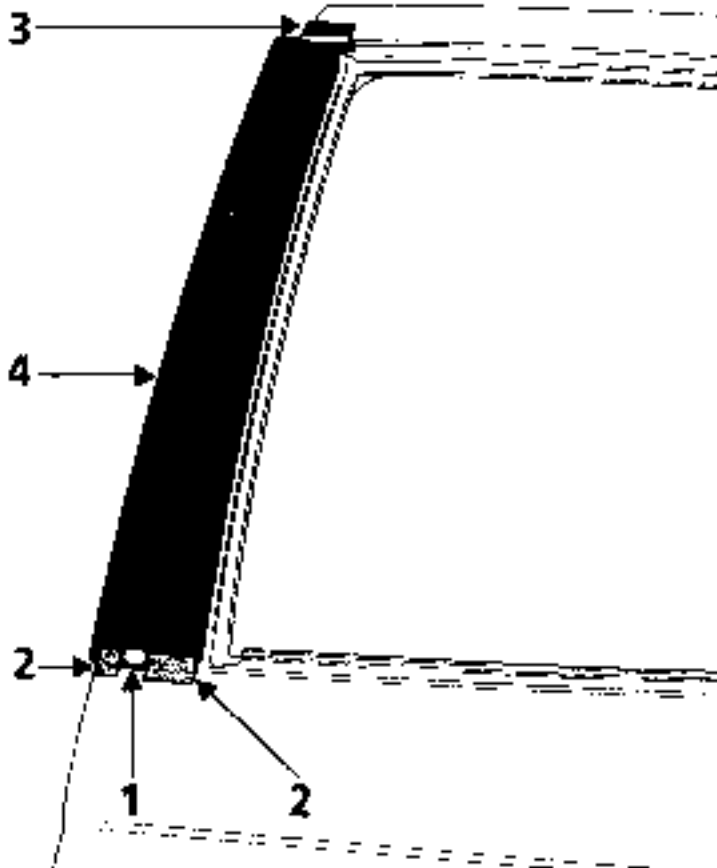
Progressively fold over edge (8) along its length using the scraper and finish by pressing using your thumb on the inner edge of the pillar.

If air bubbles are visible under the trim, pierce them at the lowest point of the bubble and press out the trapped air towards the hole using the scraper.



PRD5606

#### FITTING

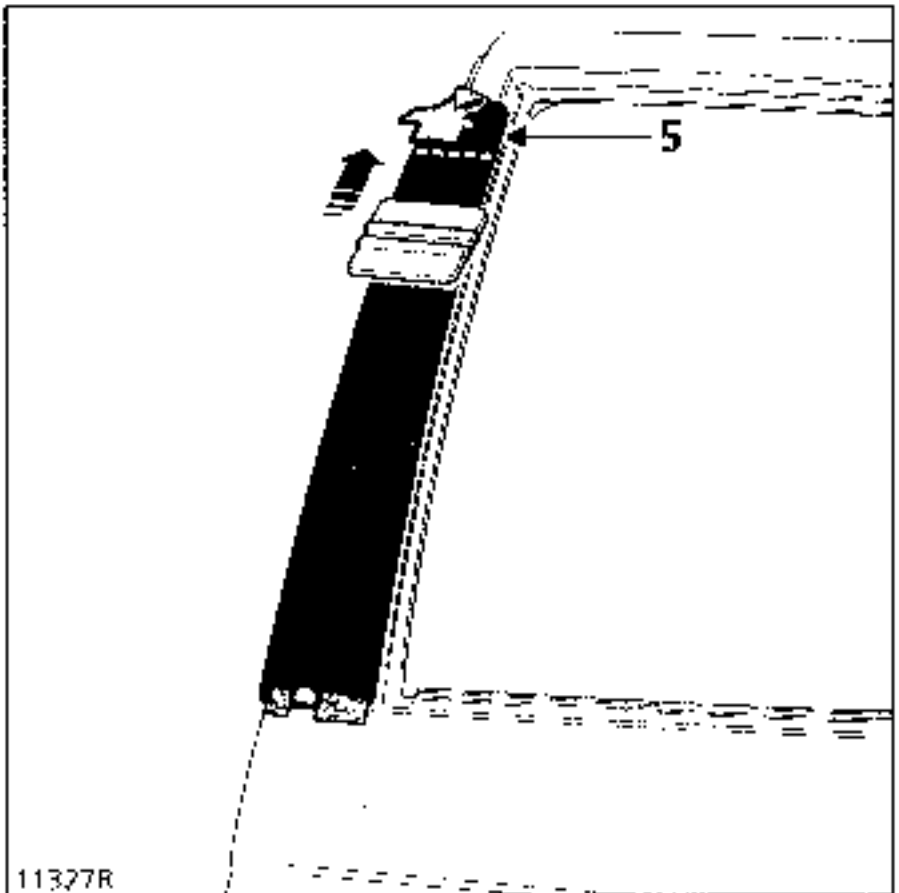


Use HEPTANE to clean the bonding zone using a lint free cloth.

Offer up the trim to be bonded in position on the pillar and visually centre it over hole (1) and the start of the curve (2) at the base of the pillar.

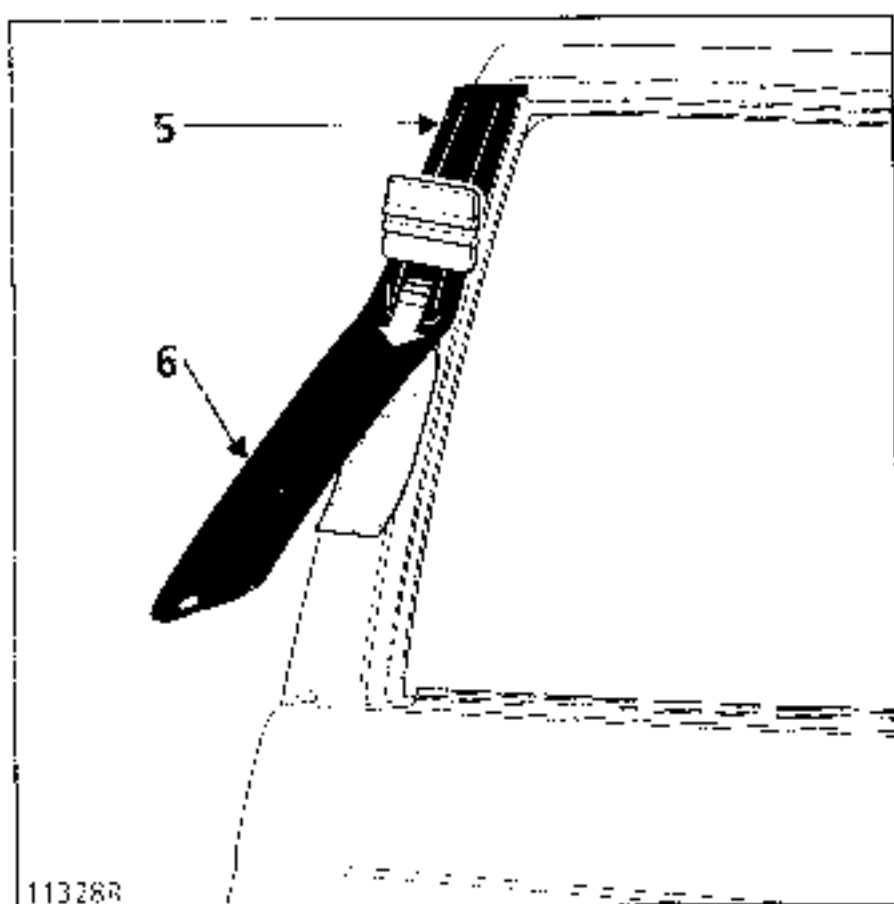
Hold the lower section of the trim in place using adhesive tape.

Visually centre the lug (3) on the edge of the pillar and hold the part in position by pressing on the centre at (4).



Turn the top of the part over and remove 10 mm of the protective paper without moving the part.

Fit the scraper under section (5), moving from the bottom to the top in a continuous motion, while progressively removing the protective paper as the scraper moves up.

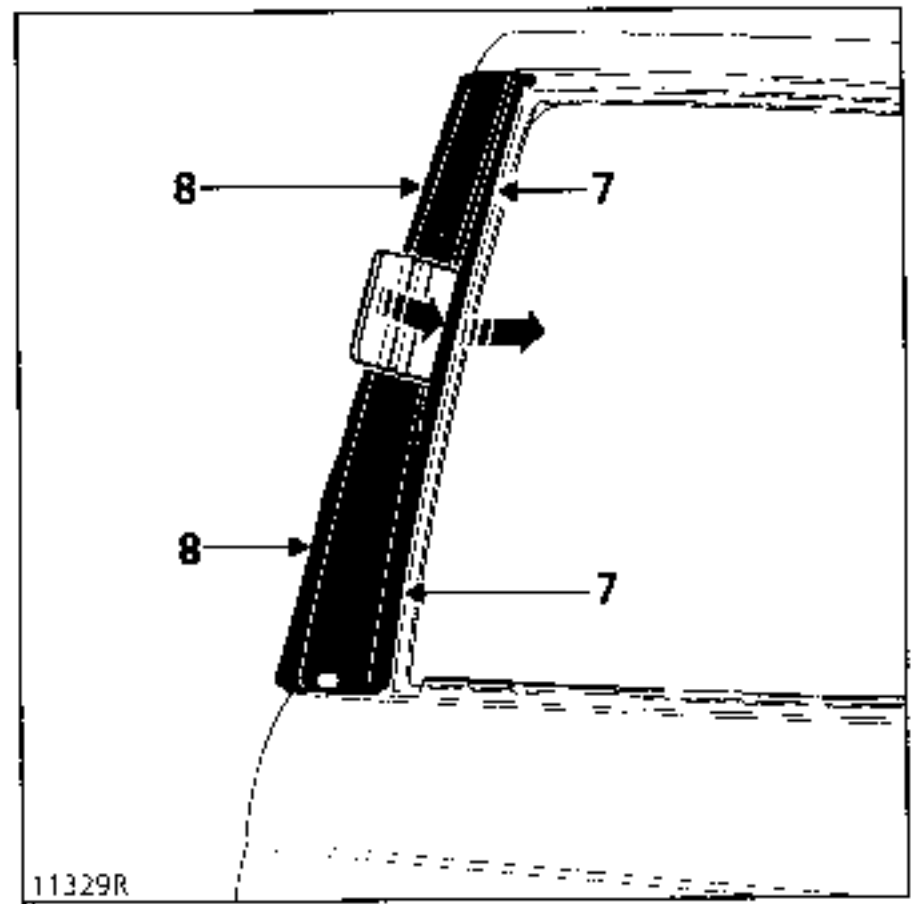


Remove the adhesive tape from (1) and (2).

Turn over section (6) over (5) and remove 10 mm of the protective paper.

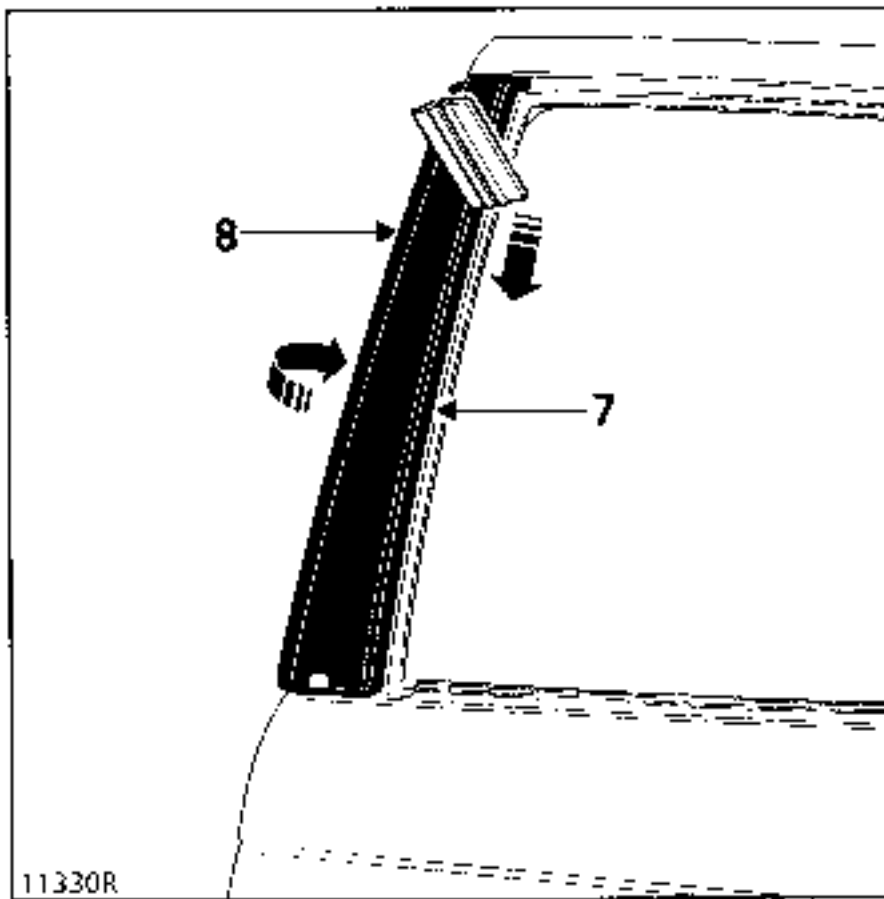
Pass the scraper over section (6) from the top to the bottom in a continuous motion, while progressively removing the protective paper as the scraper moves along (begin working gently at section (5)).

Do not press too hard on the scraper as the trim strip may lengthen and be deformed.



Mark the two edges (7) and (8) using the scraper.

Flatten the edge (7) beginning at the top (5), by making a movement from the rear forwards, to fully flatten the trim against the the corner on the slider side.

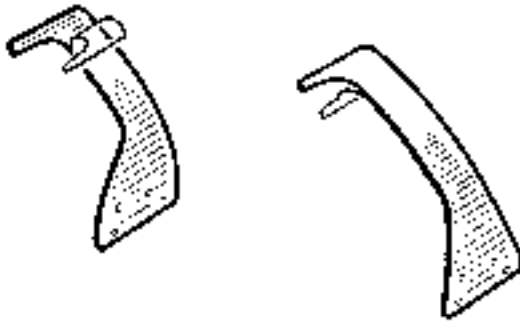


Run the scraper in one continuous movement along the edge (7) using a corner of the scraper or your thumb.

Progressively fold over edge (8) along its length using the scraper and finish by pressing using your thumb on the inner edge of the pillar.

If air bubbles are visible under the trim, **pierce them at the lowest point of the bubble and press out the trapped air towards the hole using the scraper.**

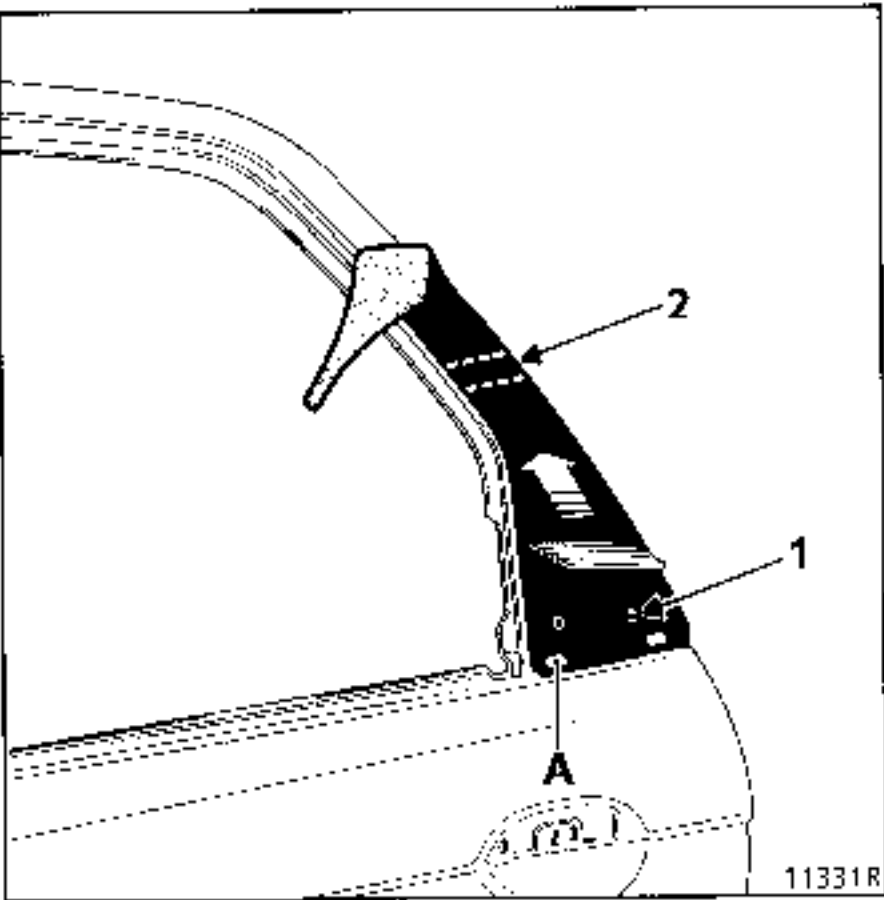




PRD5607

To carry out this operation, two new clips for mounting the new door exterior weatherstrip (A) must be fitted as well as two side monogramme retaining pins (B).

# FITTING

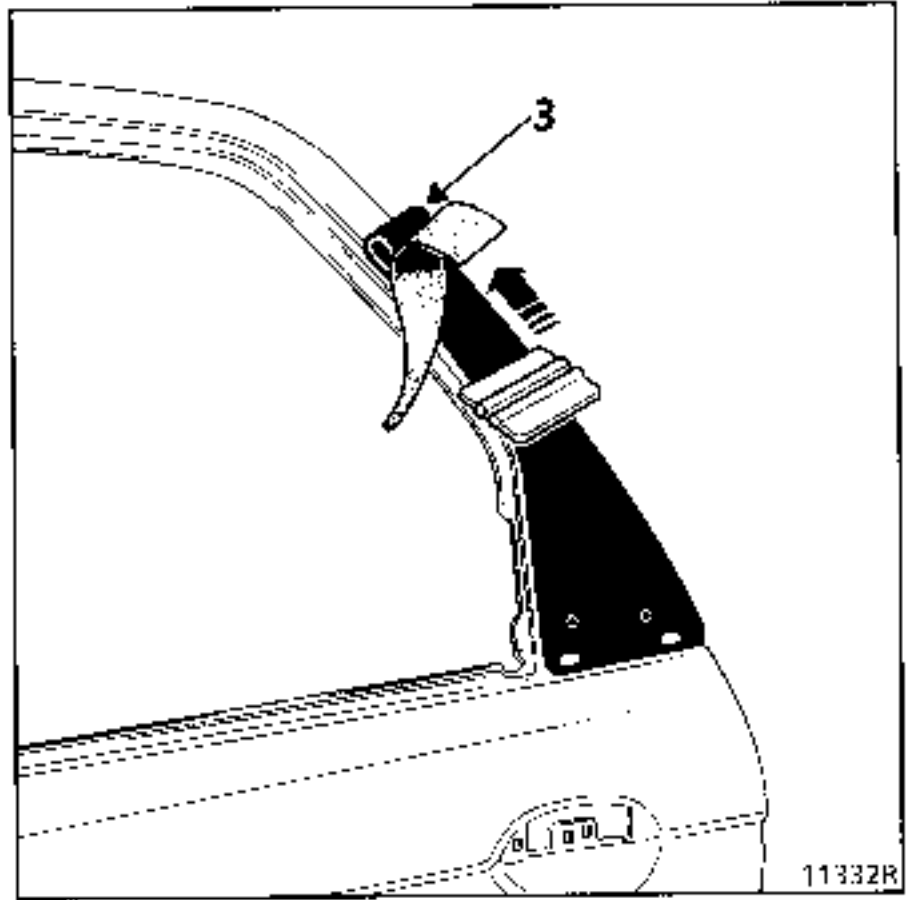


Use HEPTANE to clean the bonding zone using a lint free cloth.

Present the trim section to be bonded into position on the pillar and locate the bottom of the strip by inserting the retaining pins (B) into the holes (1).

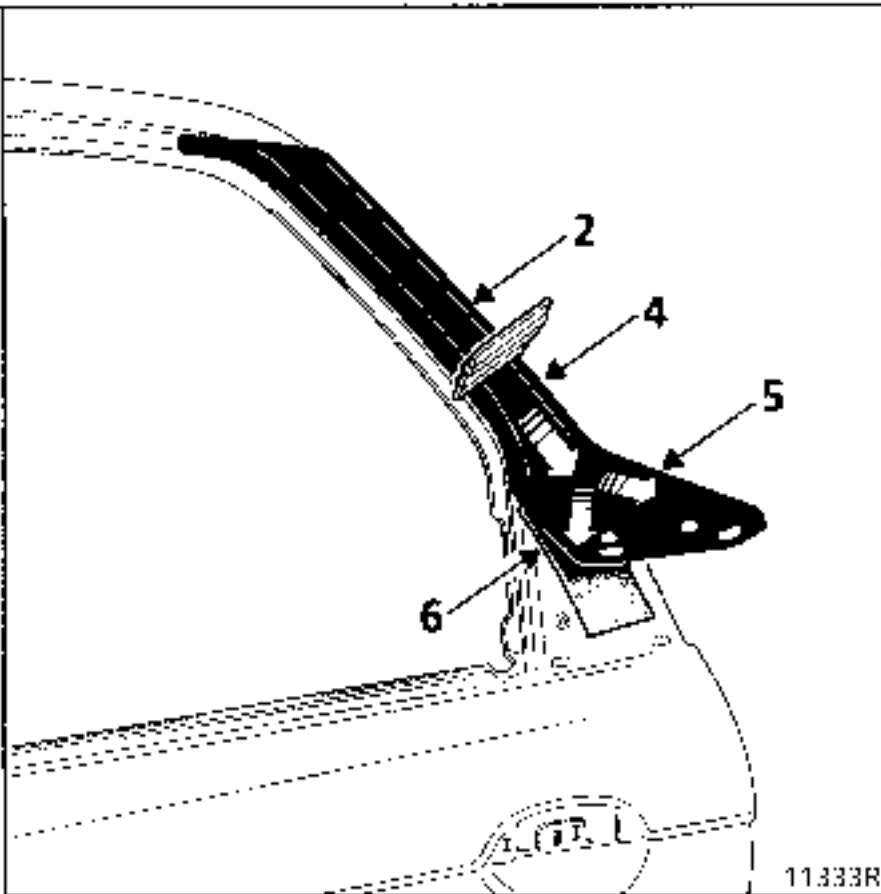
Hold the part at the bottom and turn the top of the part over and remove 10 mm of the protective paper from the centre lower section.

Fit the scraper under section (2), moving from the bottom to the top in a continuous motion, while progressively removing the protective paper as the scraper moves up.



Turn over section (3) over (2) and remove 10 mm of the protective paper.

Pass the scraper over section (3) from the top to the bottom in a continuous motion, while progressively removing the protective paper as the scraper moves along (begin working gently at section (2)).

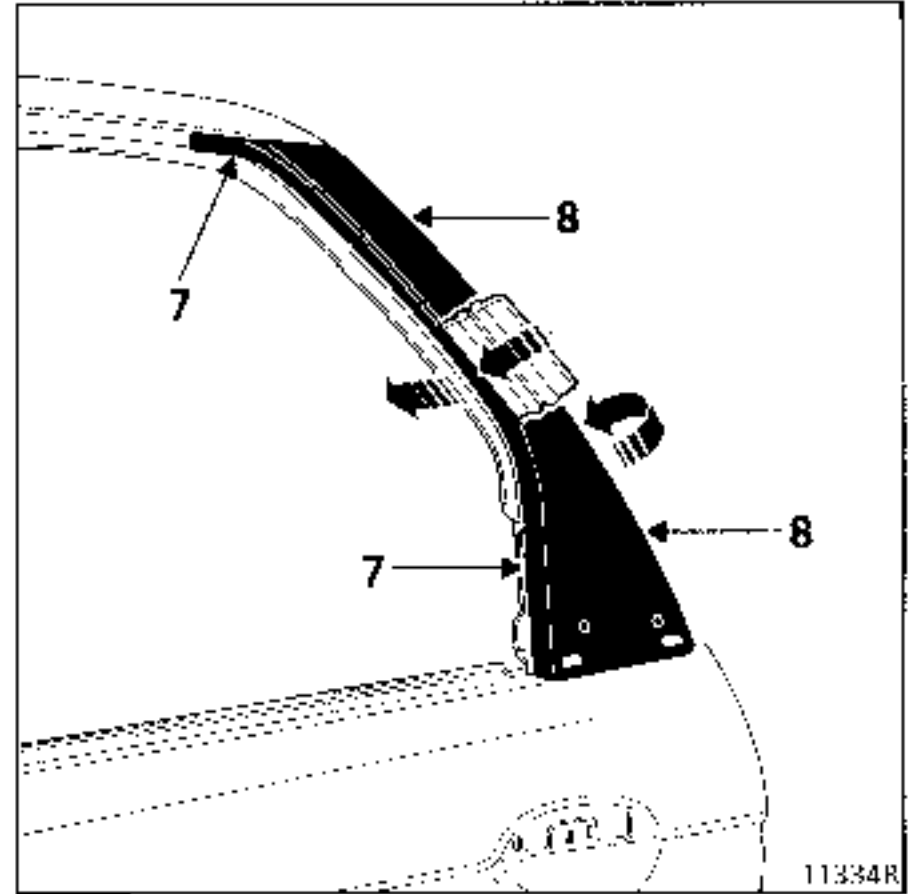


Turn over section (4) over (2) and remove 10 mm of the protective paper.

Pass the scraper over section (4) from the top to the bottom (between the two pins (B)) in a continuous motion, while progressively removing the protective paper as the scraper moves along (begin working gently at section (2)).

Pass the scraper over sections (5) and (6) from the top to the bottom.

Do not press too hard on the scraper as the trim strip may lengthen and be deformed.



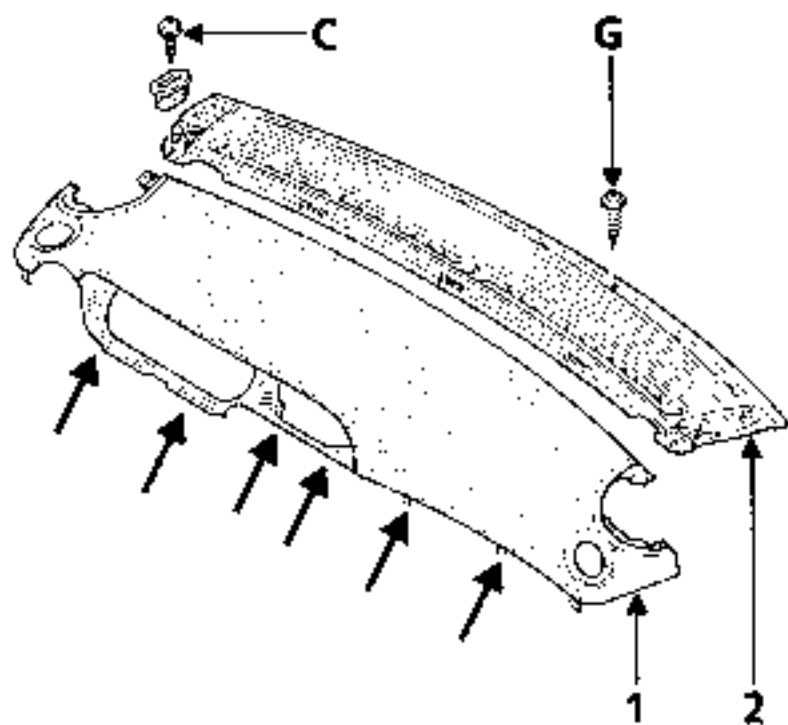
Mark the two edges (7) and (8) using the scraper.

Flatten the edge (7) beginning at the top (3), by making a movement from the rear forwards, to fully flatten the trim against the the corner on the slider side.

Run the scraper in one continuous movement along the edge (7) using a corner of the scraper or your thumb.

Progressively fold over edge (8) along its length using the scraper and finish by pressing using your thumb on the inner edge of the pillar.

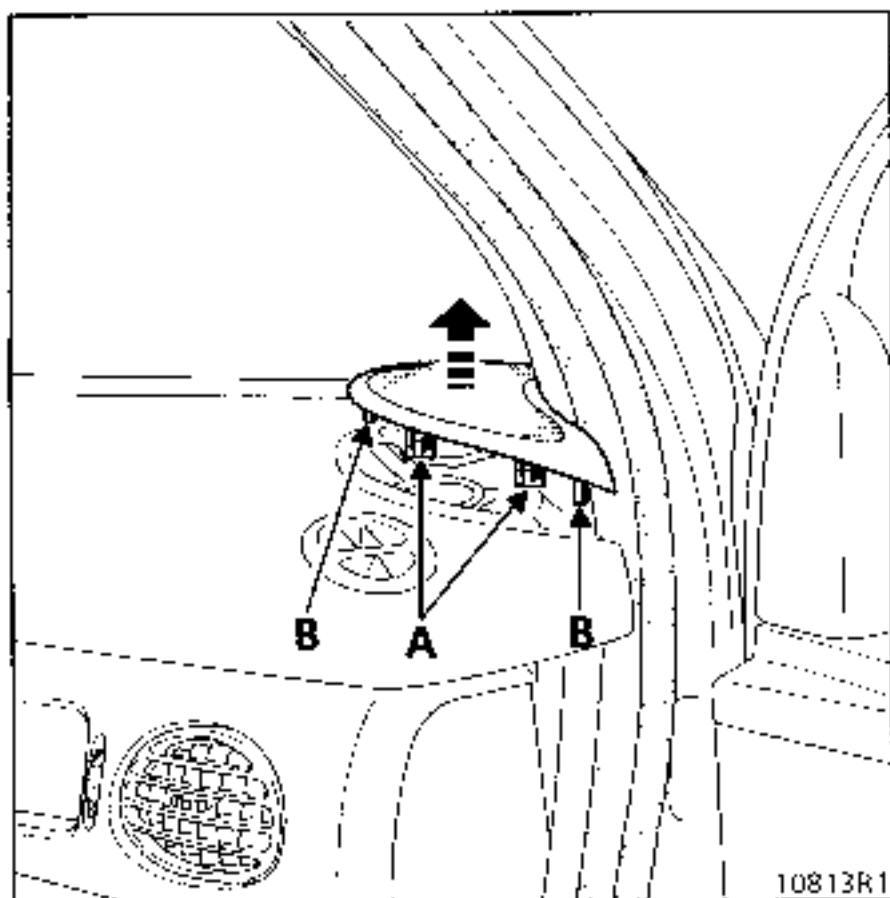
If air bubbles are visible under the trim, pierce them at the lowest point of the bubble and press out the trapped air towards the hole using the scraper.



PRD57416

The upper section of the dashboard has two parts:  
– the cover panel (1),  
– the front section (2).

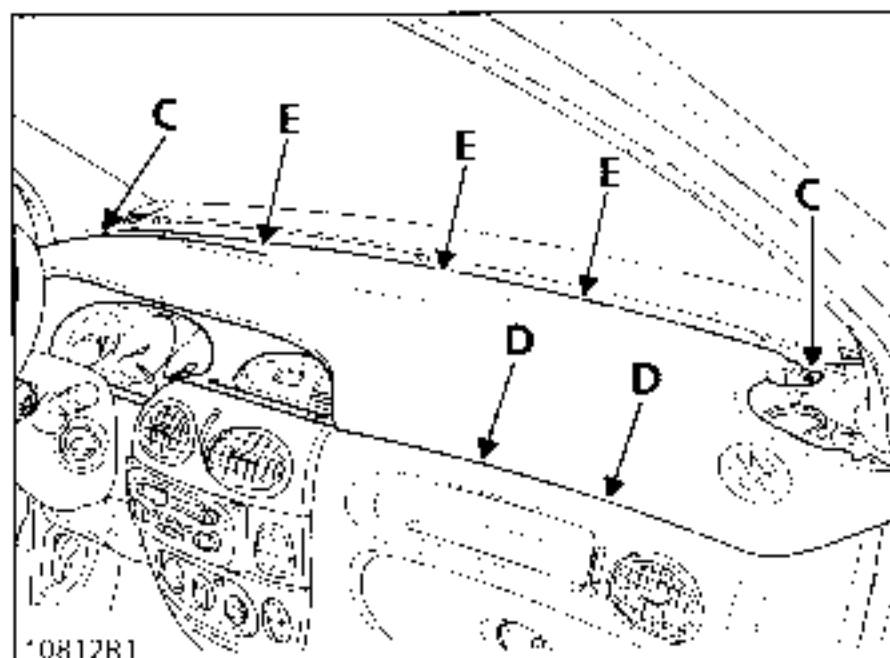
## REMOVAL



10813R1

Unclip the speaker grilles at (A) and release the centring pins (B).

Pull towards the rear of the vehicle to release the grilles from their location.

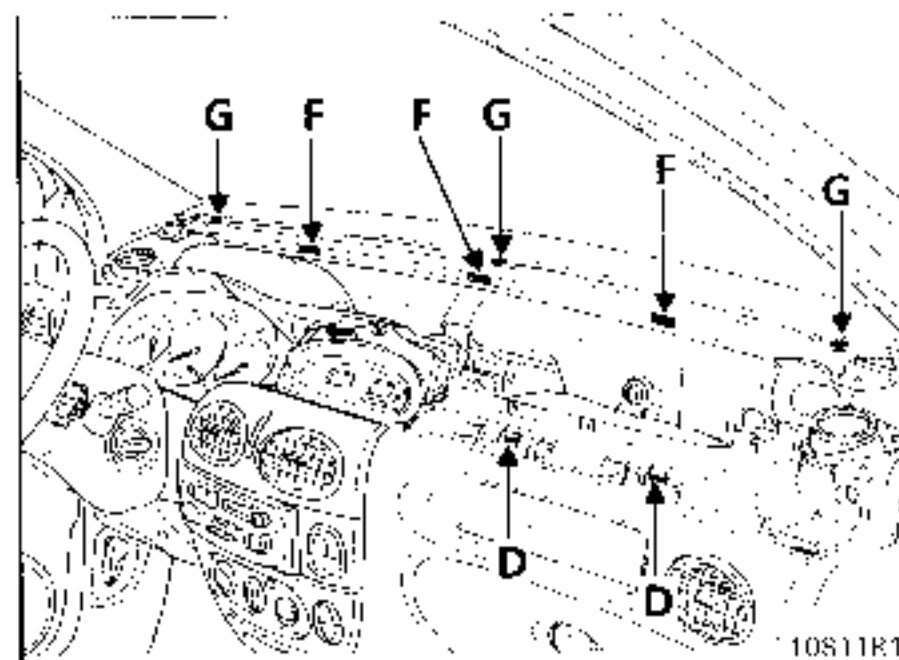


10812R1

Remove the upper mounting bolts (C).

Unclip the lining at (D), lifting it by hand then pulling the assembly towards you to release the three retaining clips (E) on section (2).

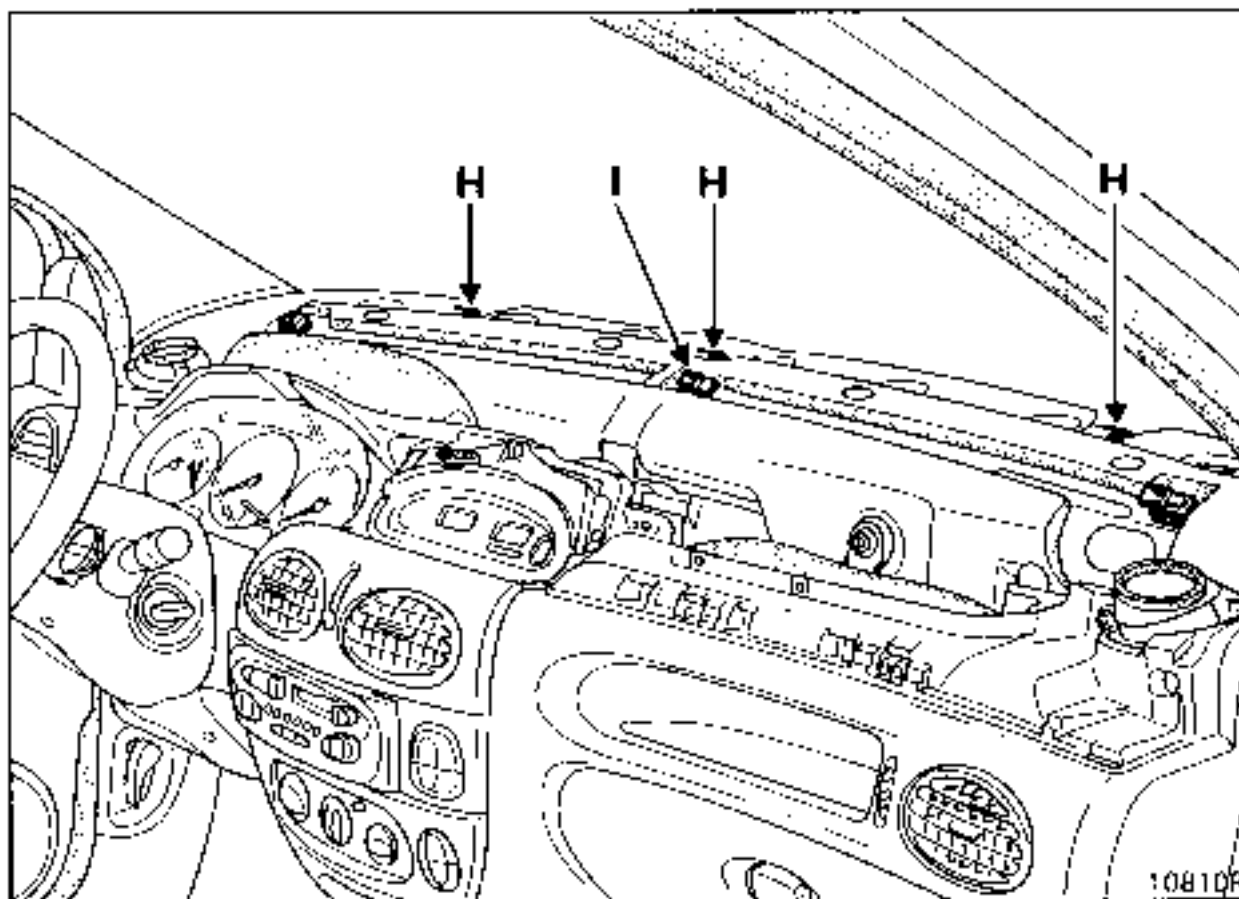
Locations of clips (D) on the lower part of the dashboard.



10811R1

Brackets (E) on the upper dashboard section (1) are located in locations (F) in the upper section (2).

Remove the three mounting bolts (G) and their covers.



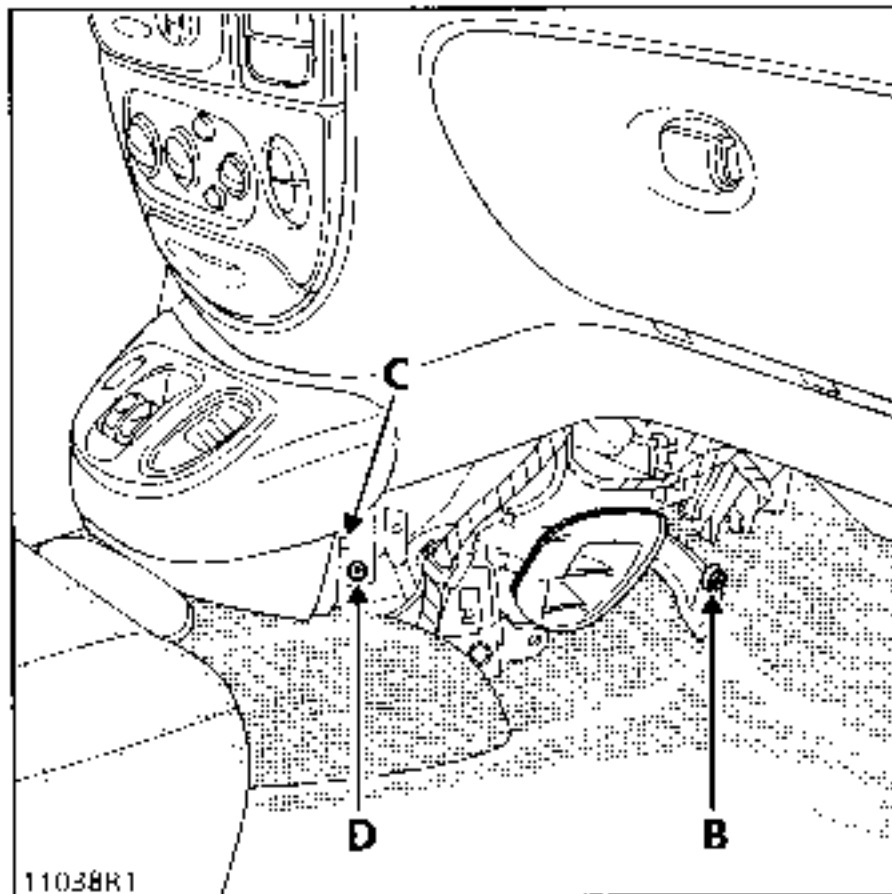
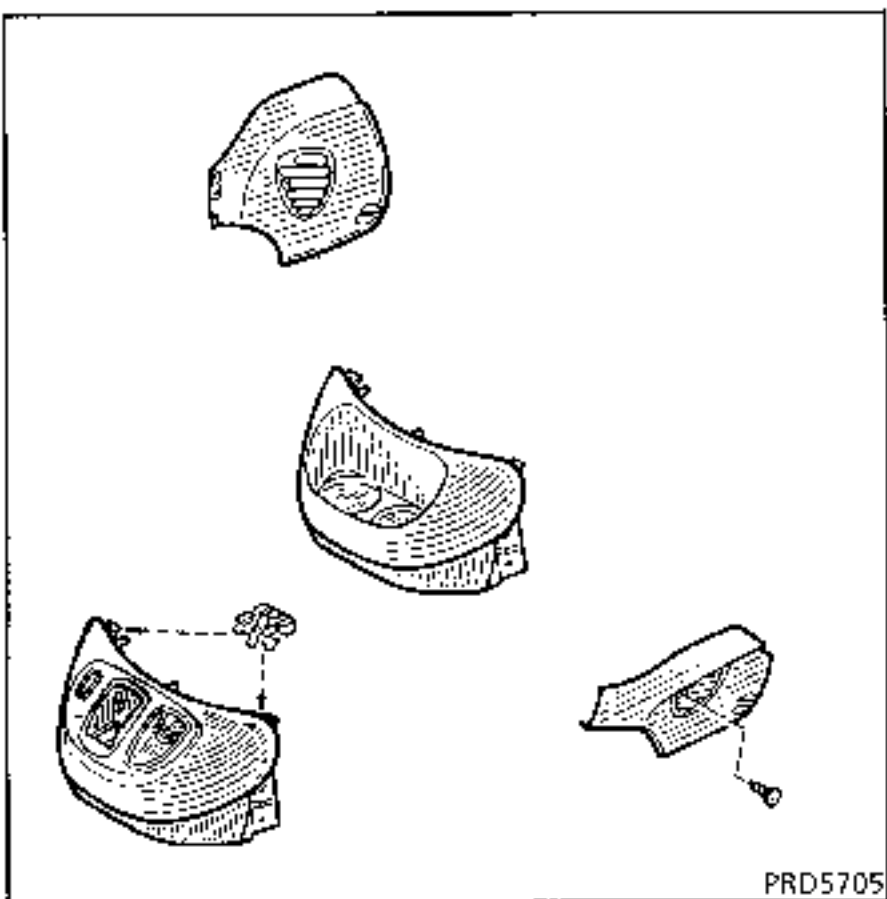
Pull the lining (2) towards the rear of the vehicle to release the three brackets (H).

The three mounting bolts (G) are secured in clips (I).

## REFITTING

**When refitting the front section (2), check that the three brackets (H) are correctly positioned on the lining.**

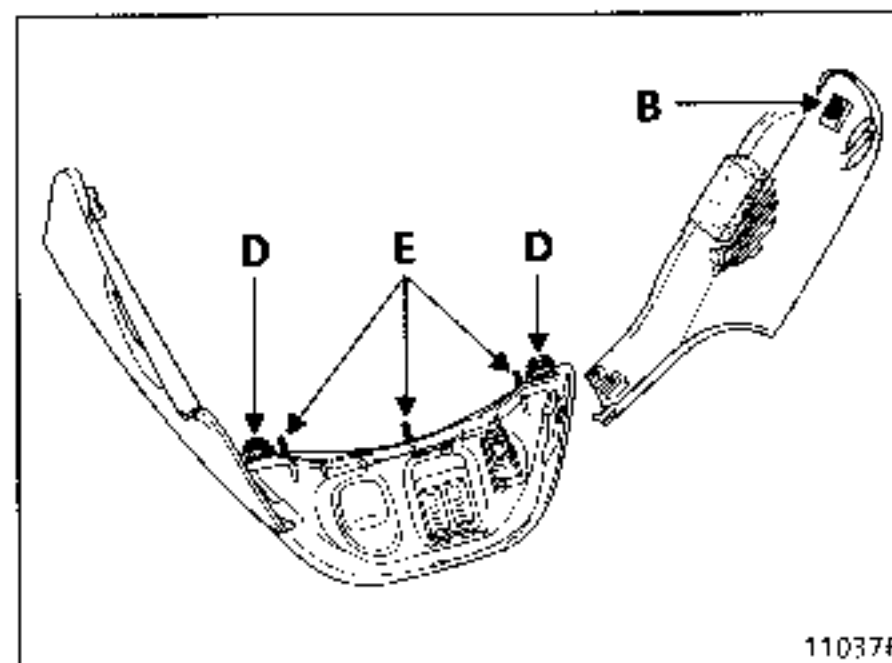
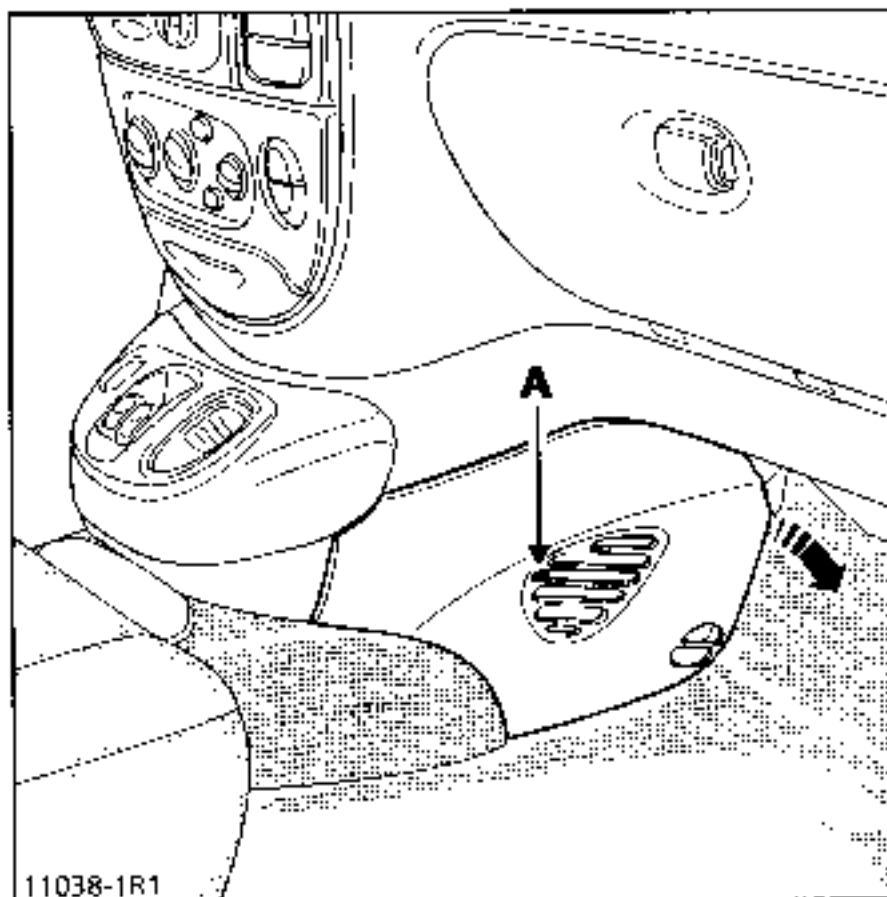
Refitting is the reverse of removal.



Remove the two mounting bolts (D).

Release the front panel, pivoting it slightly upwards to release the clips (D) and the centring pins (E).

Hidden side of the front panel / side vents assembly.



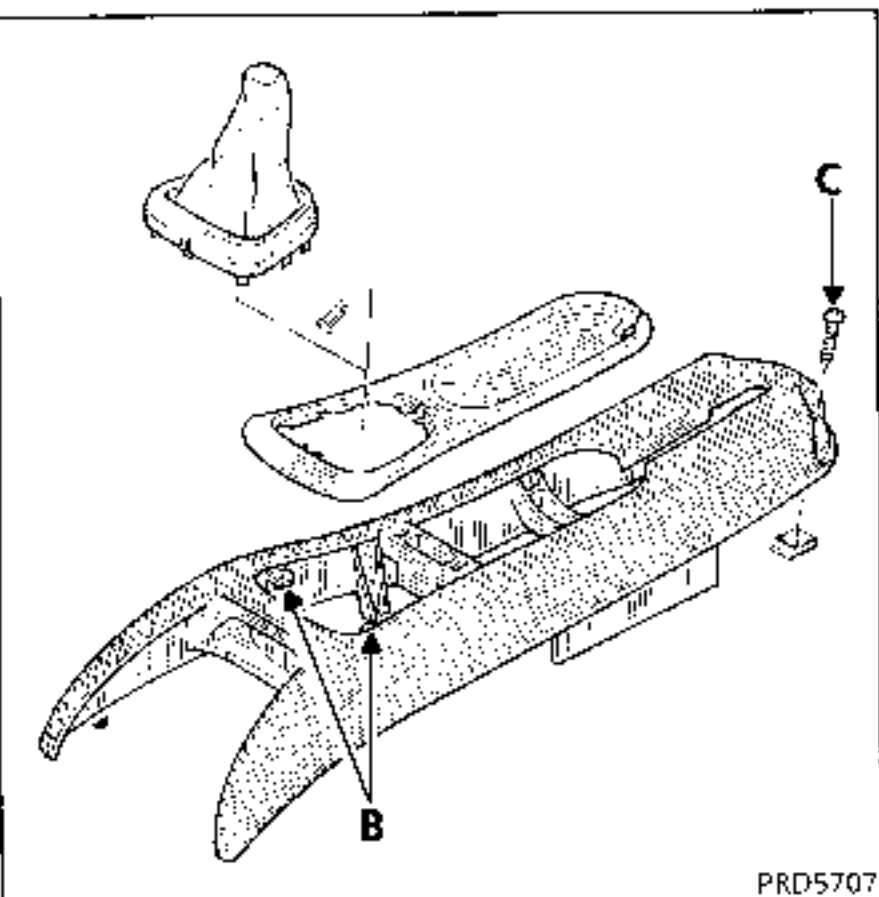
Remove the mounting bolt (A) from the side vent (one on each side).

Release pin (B), pivoting the front of the vent downwards then release it from the front panel at (C) by pulling it forwards.

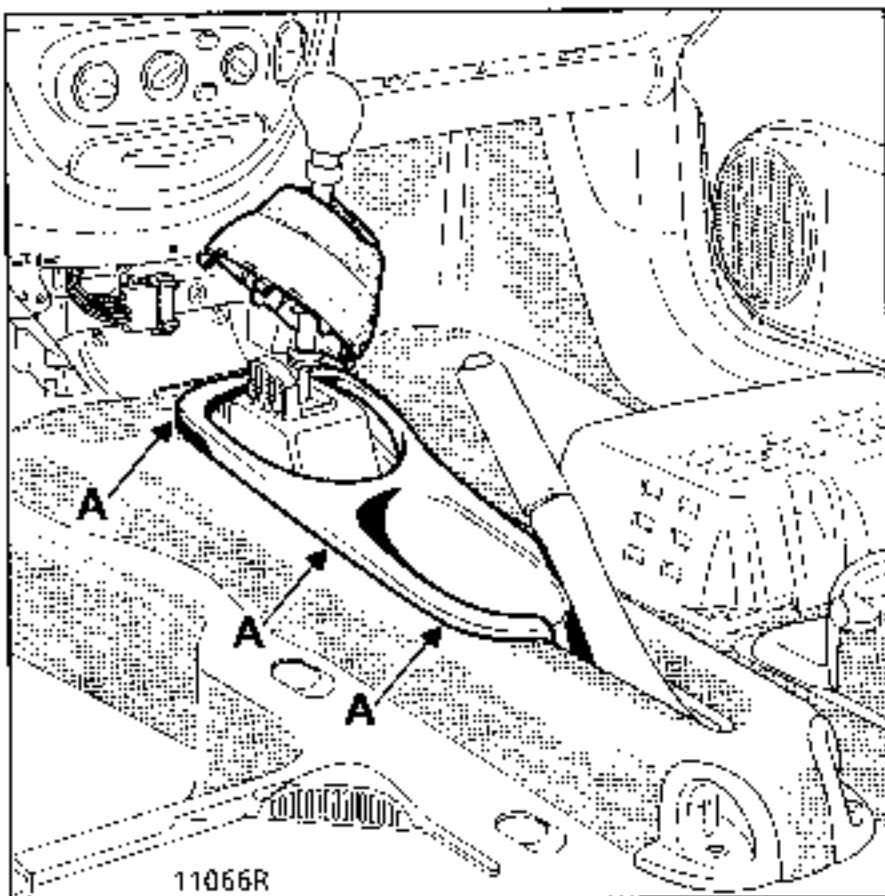
## REFITTING

Before refitting the front panel, ensure the female clips for the bolts (D), are present on the console lower frame.

Also ensure that the female pins (B) are present in their locations on the vents.



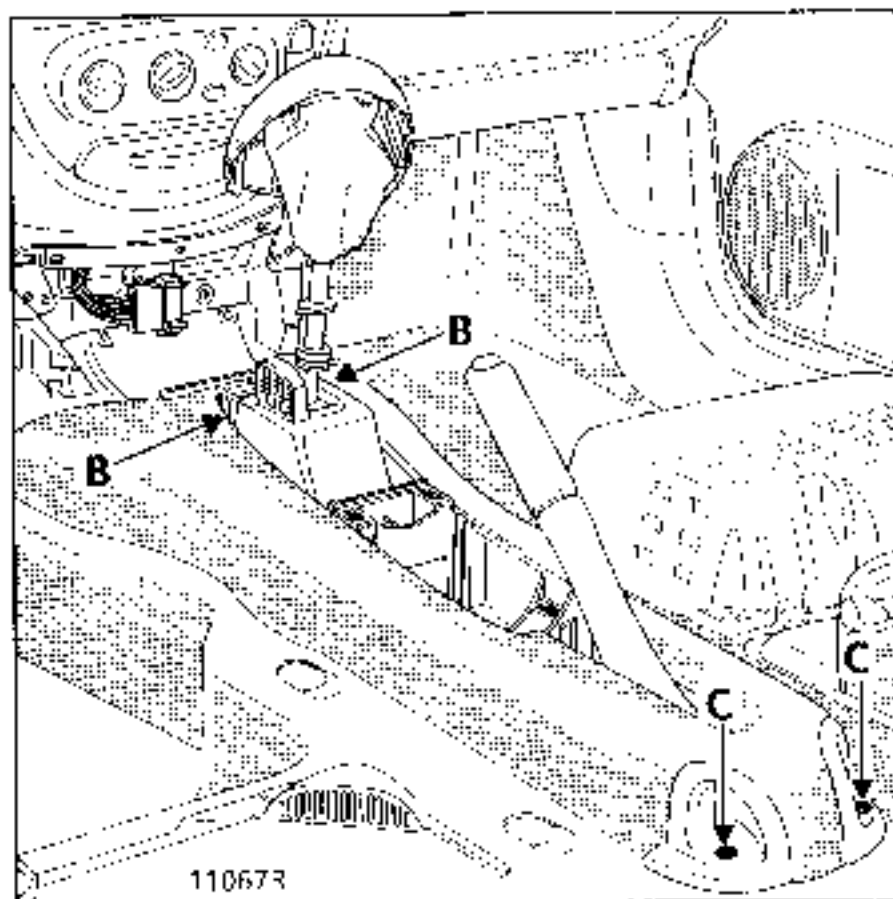
## REMOVAL



Remove the gear lever gaiter.

Unclip the plastic cover at (A).

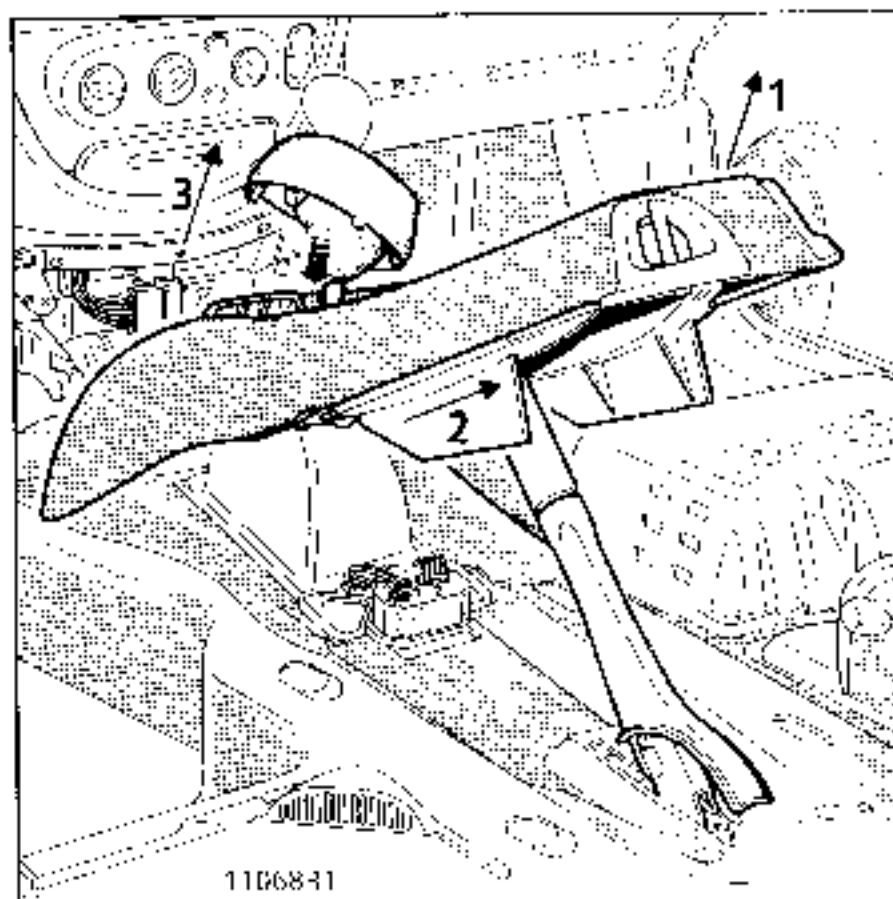
Remove the lower section of the dashboard (see 57B)



Remove:

- the two front console mounting bolts (B),
- the two rear console mounting bolts (C).

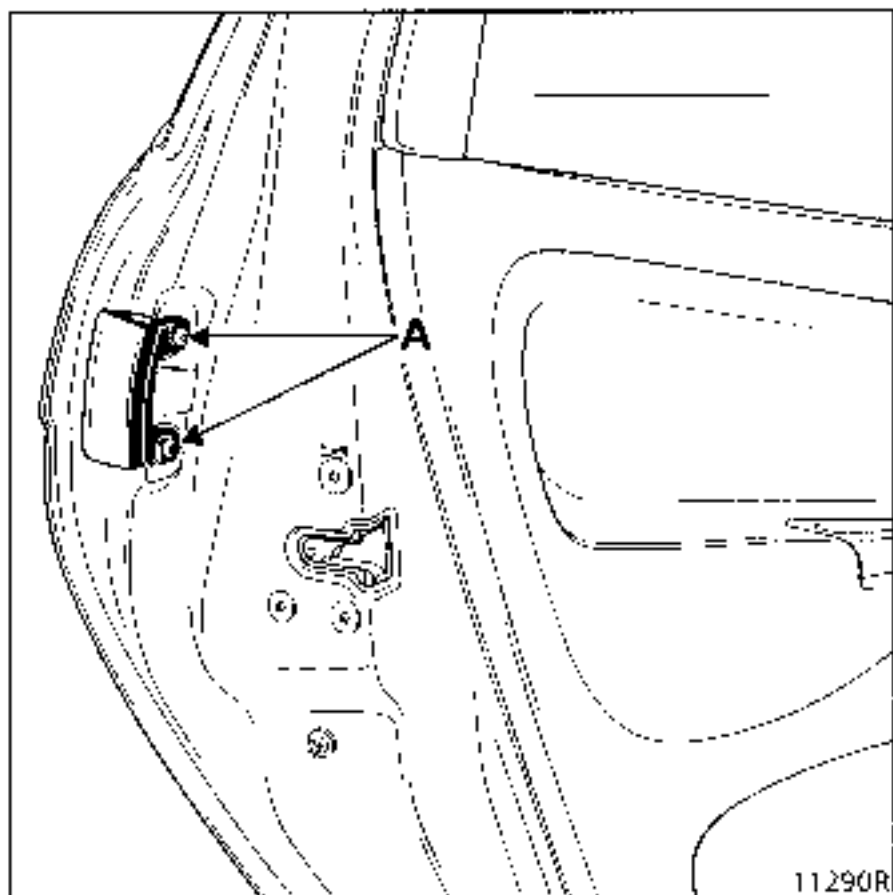
Lift the handbrake lever as far as possible to the last notch.



Lift the console by the rear end to release the handbrake lever (1).

Pull the console backwards to release it from the location at the bottom of the instrument panel (2).

Fit the gear lever gaiter through the hole and remove the console (3).



This bracket prevents access to the door switch from outside the vehicle once the door has been closed.

This bracket is fitted to the front door if the vehicle is fitted with an alarm.

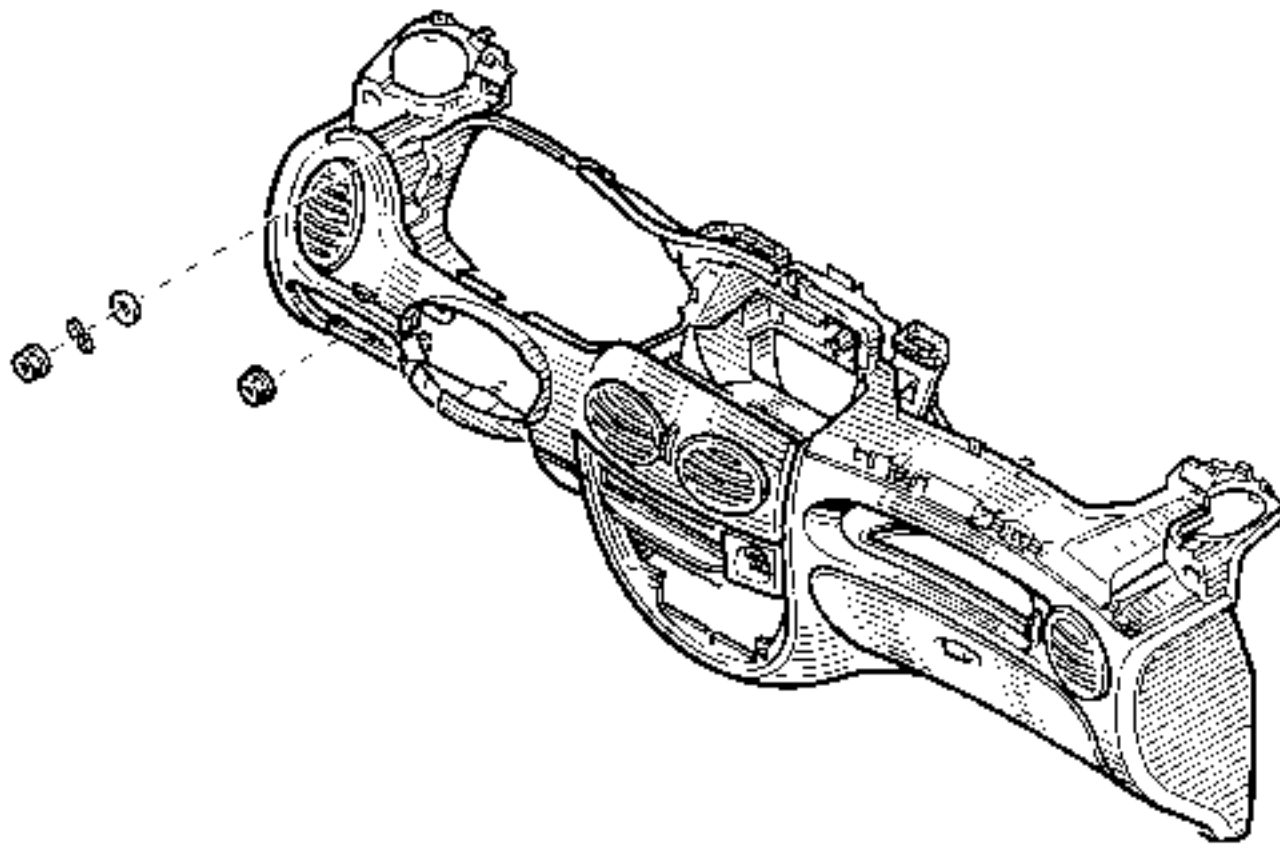
Remove the two mounting bolts (A) for the bracket and carefully pull it to shear the two pins inserted into the door pillar.

Collect the two pins from the bottom of the door box section.

**IMPORTANT:** this bracket is destroyed when it is removed.

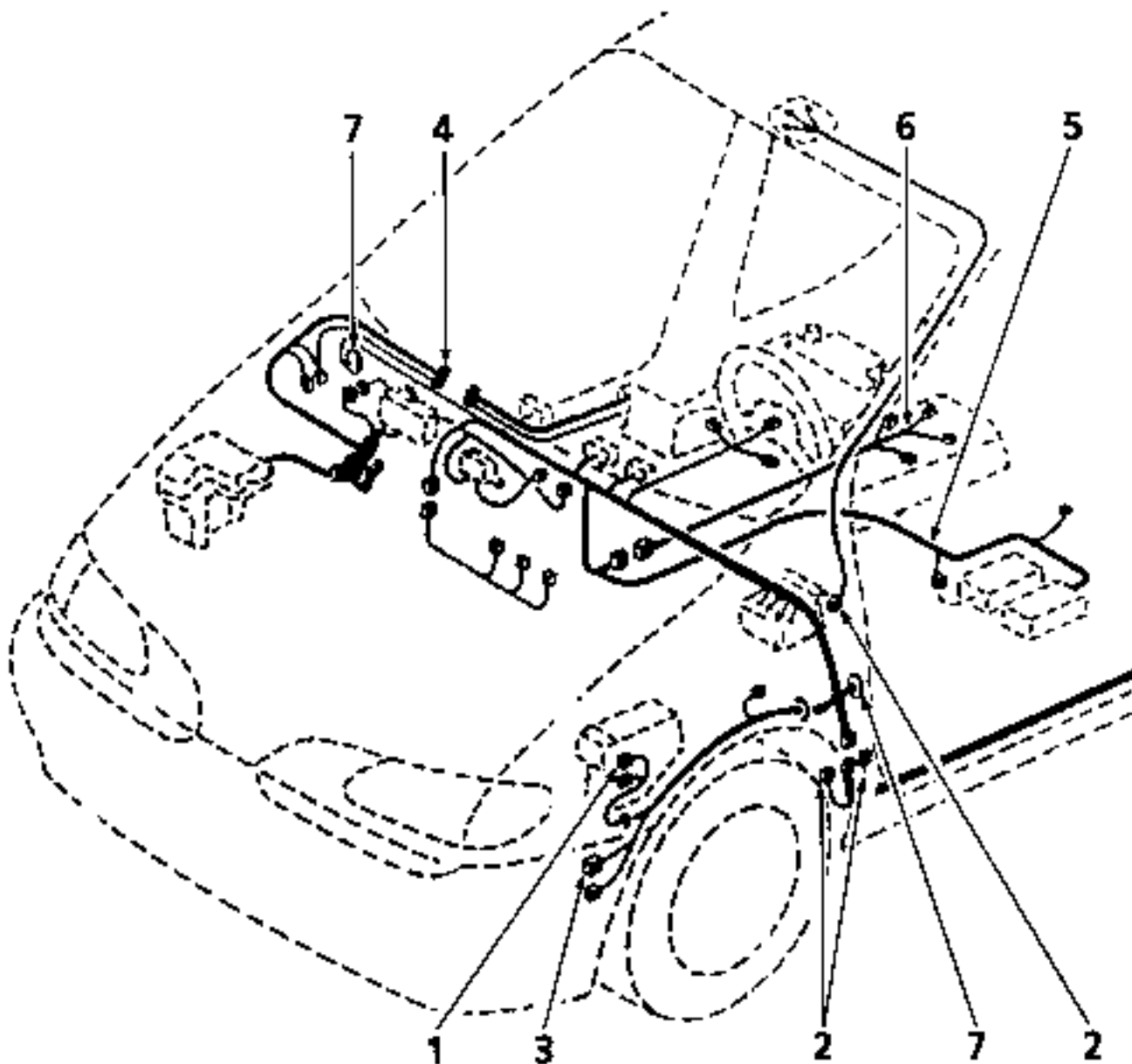
When removing / refitting or replacing a front door, a new bracket must be fitted.





PRD5708

DASHBOARD WIRING LOOM ROUTING



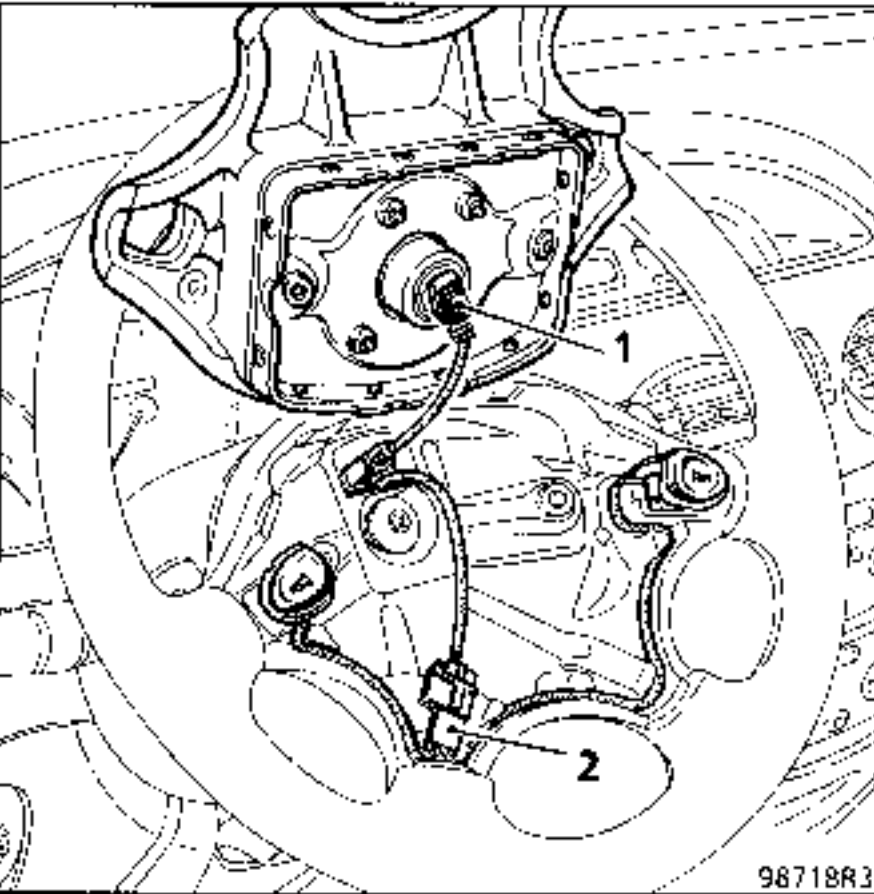
PRD5701

## REMOVING THE STEERING WHEEL WITH AIRBAG

Disconnect the battery.

Remove the airbag by the two bolts located behind the steering wheel and disconnect the white connector (1).

Disconnect the horn connector (2).



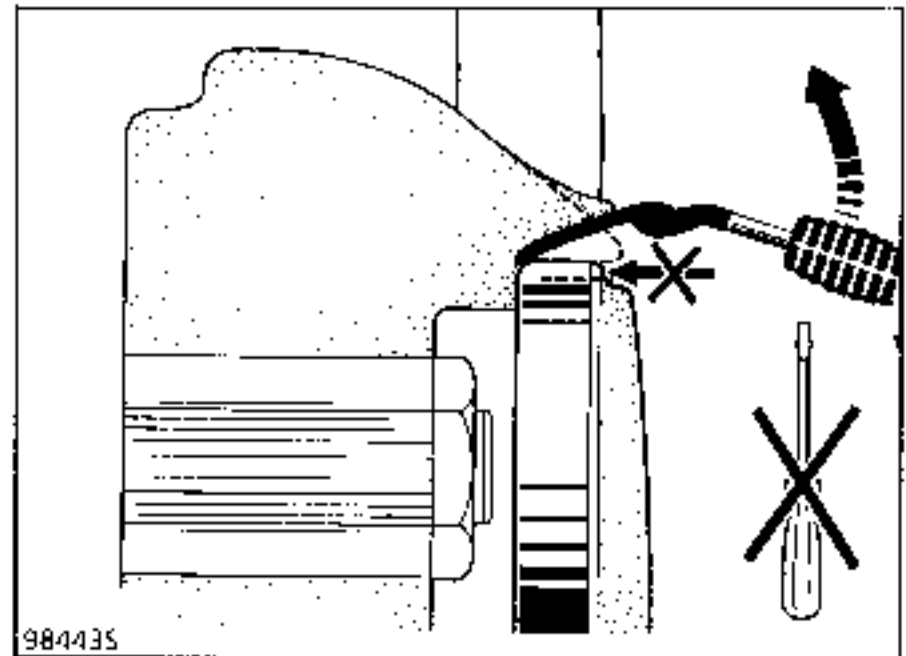
Immobilise the rotary switch rotor under the steering wheel using adhesive tape.

Remove:

- the rotary switch connector (airbag and cruise control, if fitted),
- the steering wheel bolt (renew it),
- the steering wheel after noting its position in relation to the steering column, for refitting.

**IMPORTANT:** it is forbidden to handle the pyrotechnic systems for the airbag and pretensioners near to a source of heat or a flame - they may be triggered.

## REMOVING THE STEERING WHEEL (WITHOUT AIRBAG)



Separate the foam from the steering wheel at the centre, so that tool **Facom D115** may be correctly positioned.

Extract the assembly.

**SPECIAL TOOLING REQUIRED**

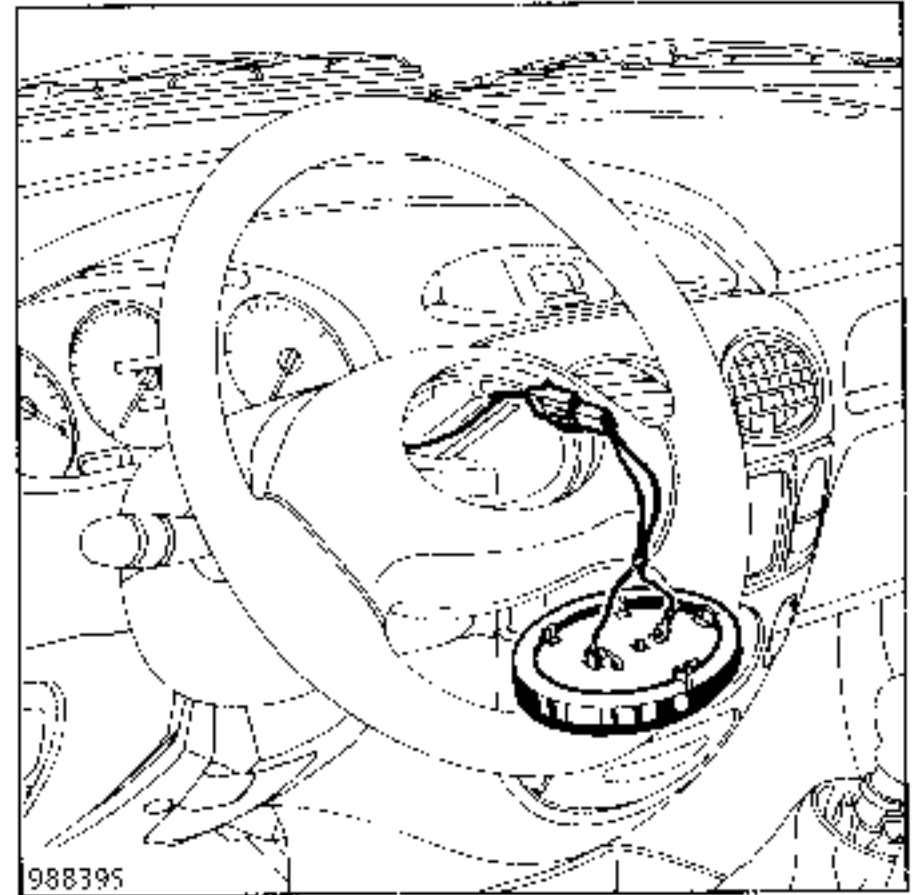
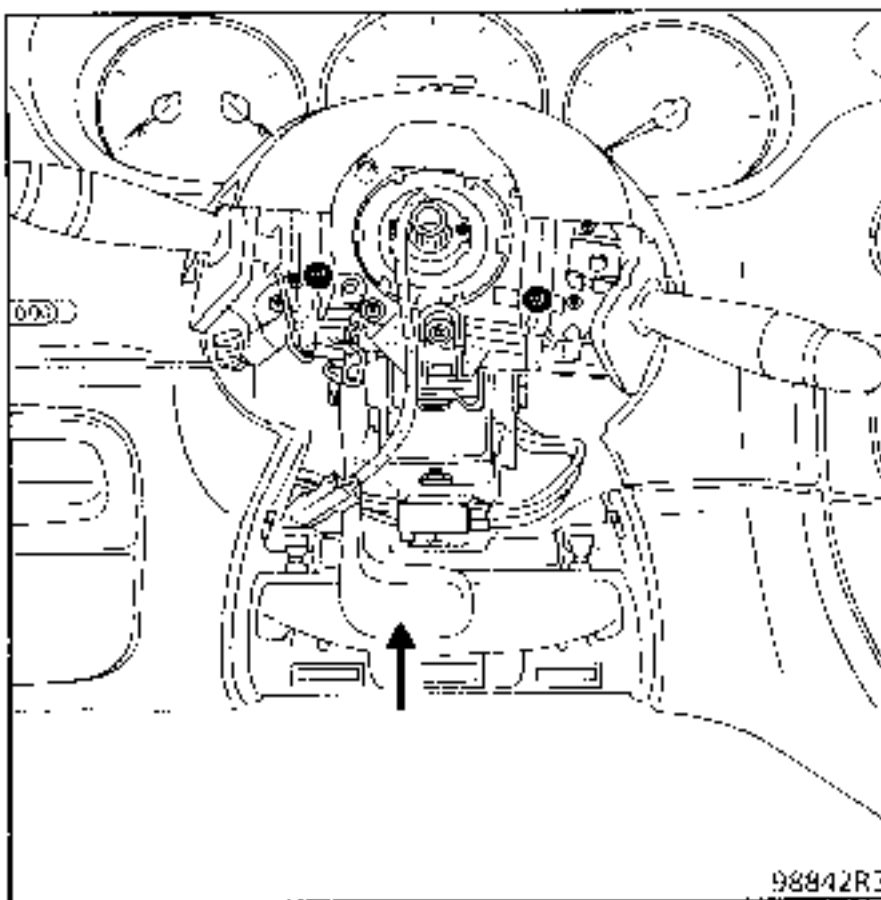
Torque wrench

**RELEASING THE STEERING COLUMN HEIGHT ADJUSTMENT SYSTEM**

**TIGHTENING TORQUES (in daN.m)**



Self locking nut	0.6
Lock nut	1.2



Disconnect the horn assembly and remove it.

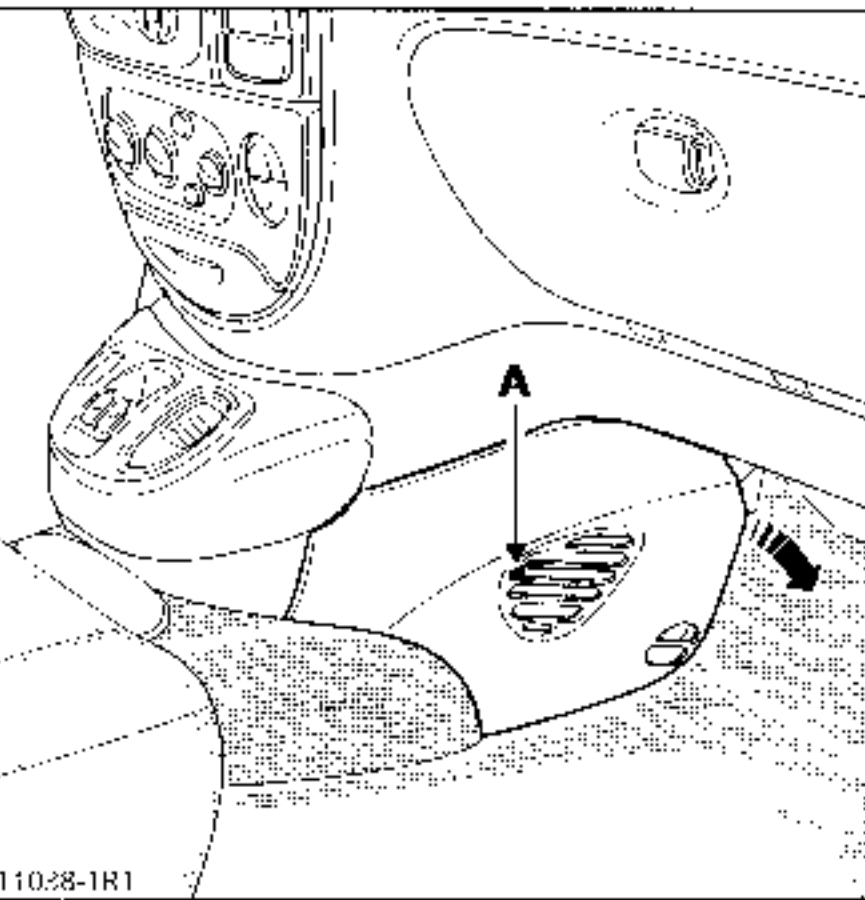
Remove the steering wheel bolt.

**IMPORTANT :** to remove the dashboard, the steering column height adjustment handle must be released.

The method in the section "Releasing the steering column height adjustment system" must be followed.

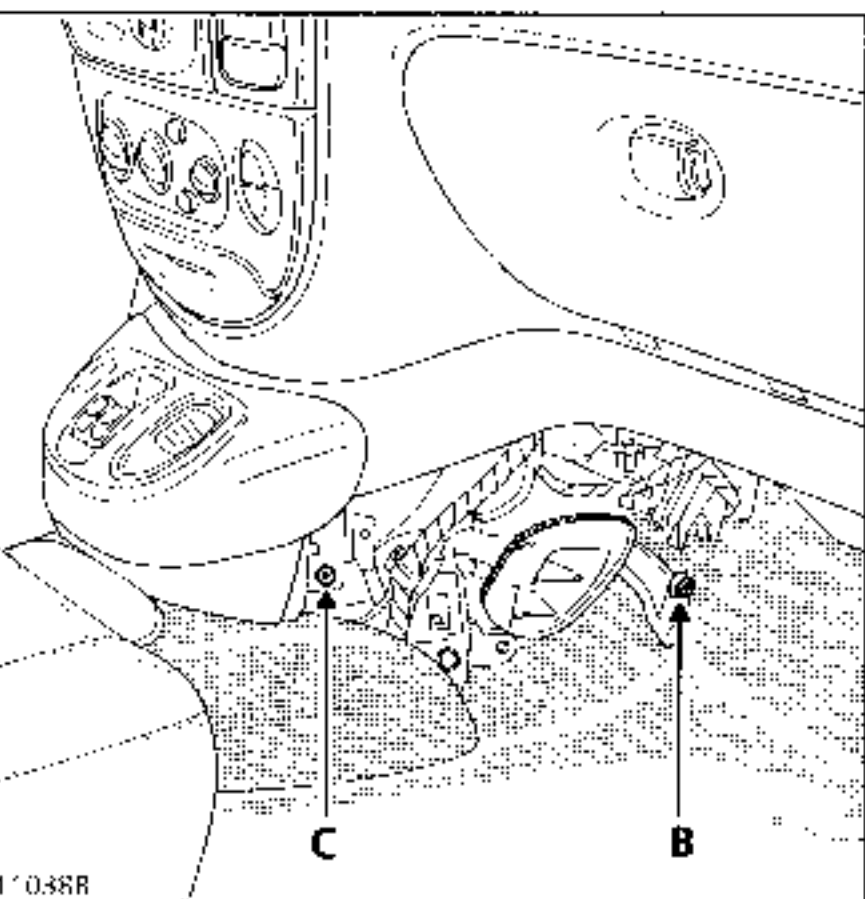
If this torque is not observed, it is very dangerous and could cause the driver serious discomfort.

REMOVING THE LOWER SECTION OF THE DASHBOARD



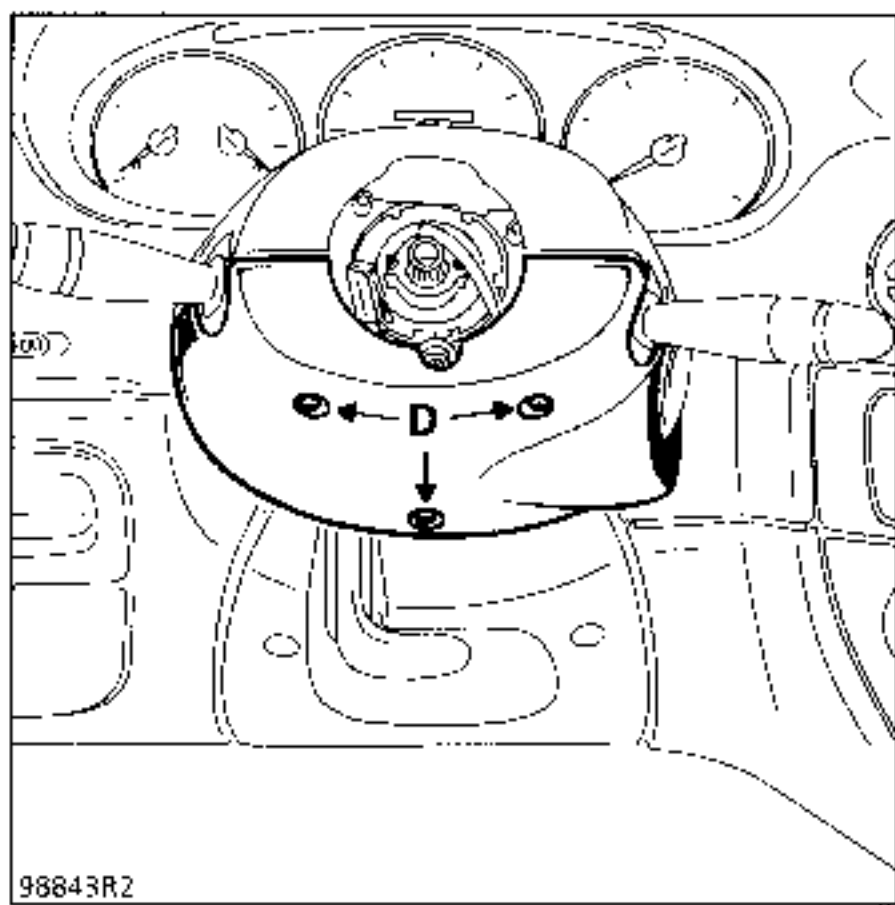
Remove the mounting bolt (A) from the side vent (one on each side).

Release pin (B), pivoting the front of the vent downwards then release it from the front panel by pulling it forwards.

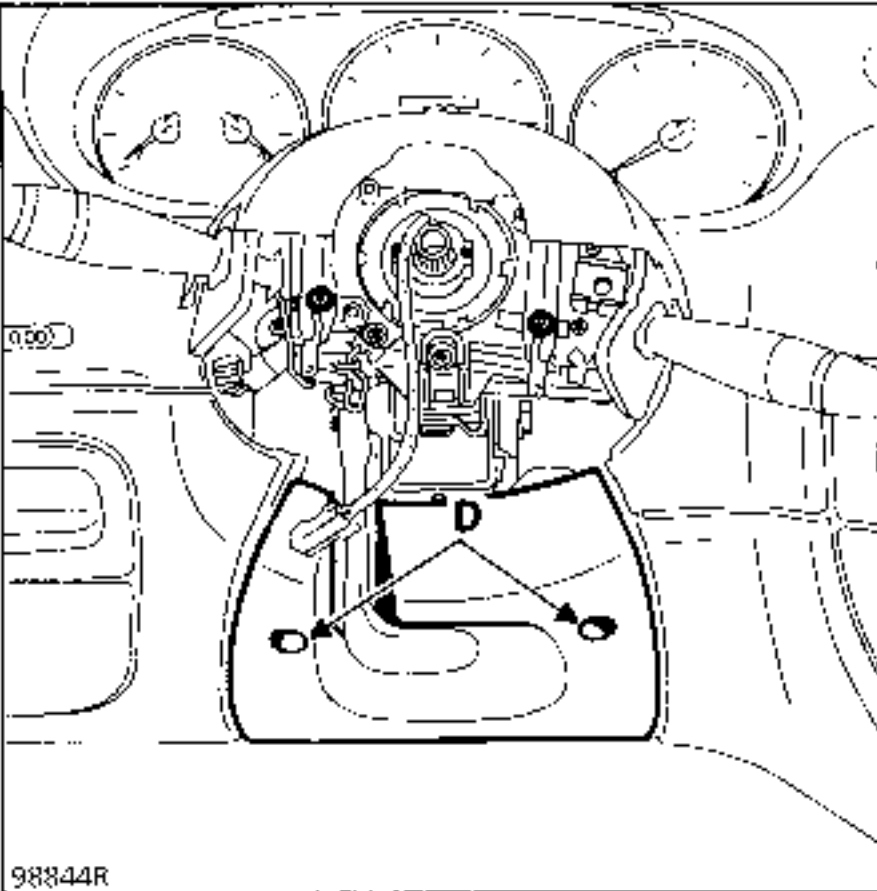


Remove the two mounting bolts (C).

Release the front panel, pivoting it slightly upwards.



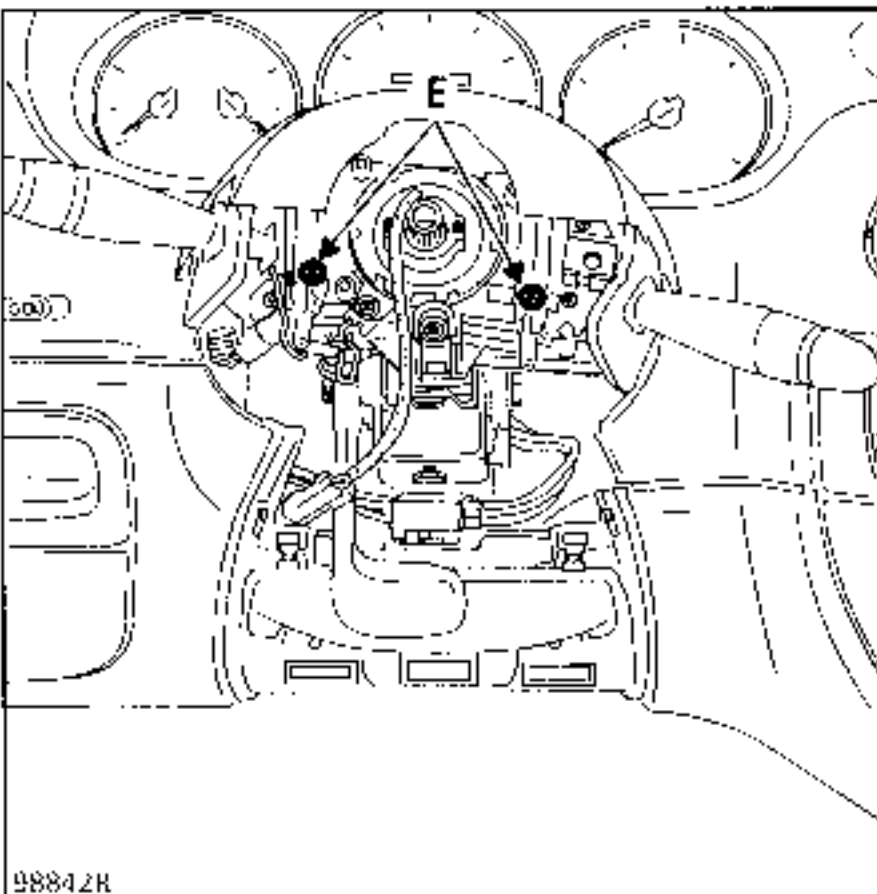
Remove the half cowling under the steering wheel - three bolts (D).



98844R

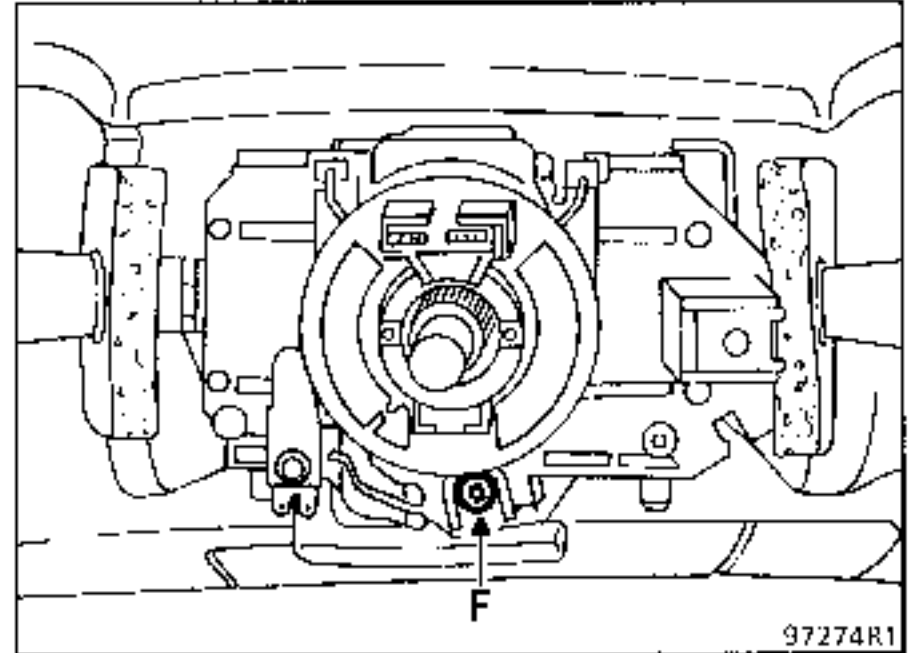
Remove:

- the lower cover for the steering column, two bolts (D),



98842R

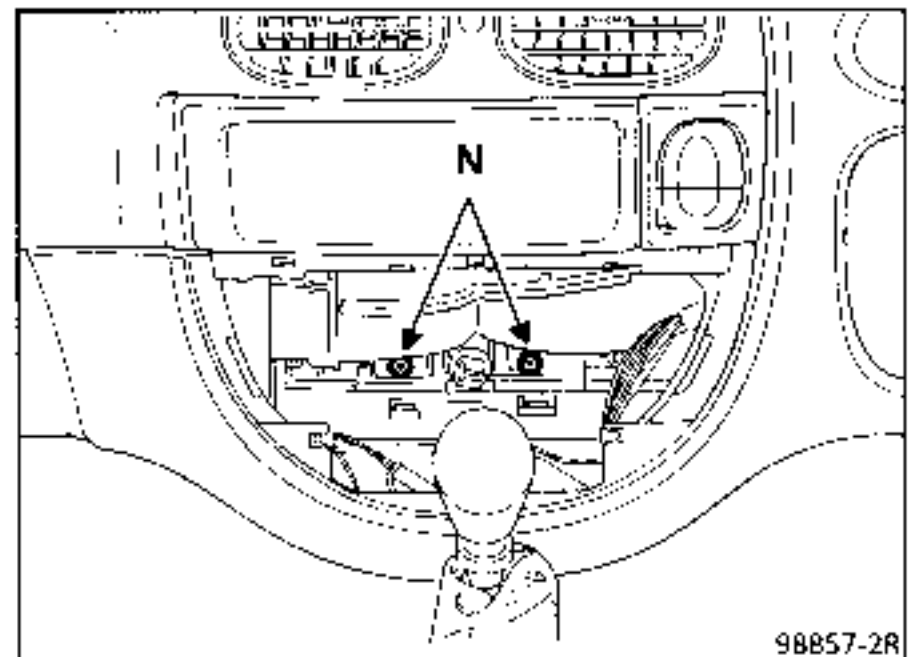
- the upper half cowling, two bolts (E).



97274R1

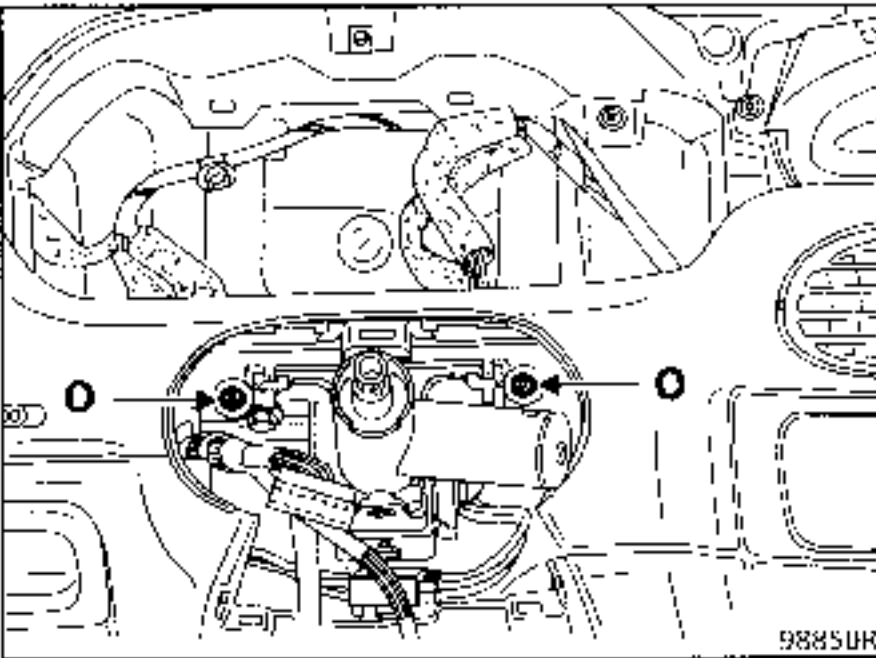
Slacken bolt (F) so that the control stalk assembly may be removed.

Disconnect the connectors.



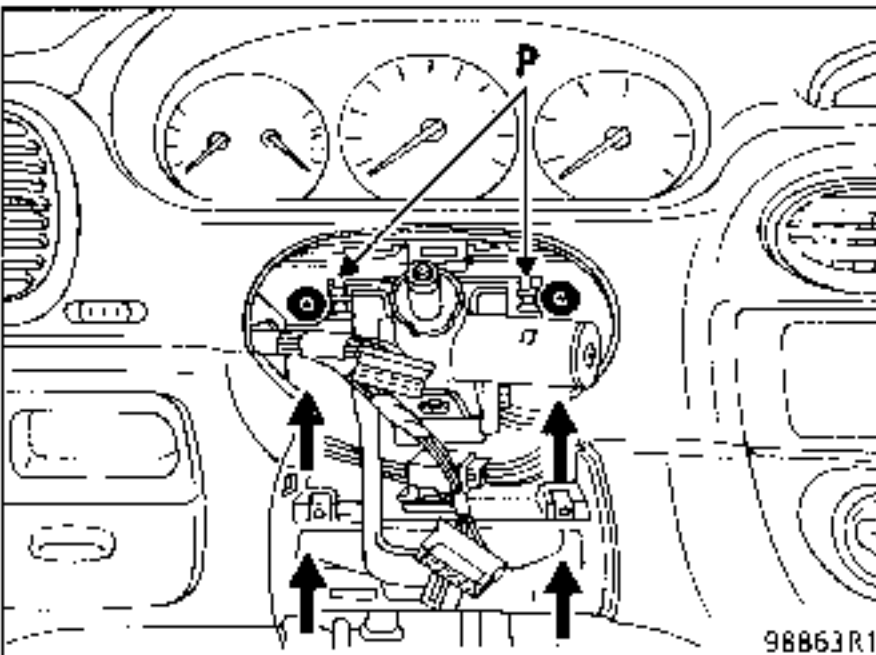
98857-2R

Remove the dashboard mountings on the heating unit, two bolts (N).



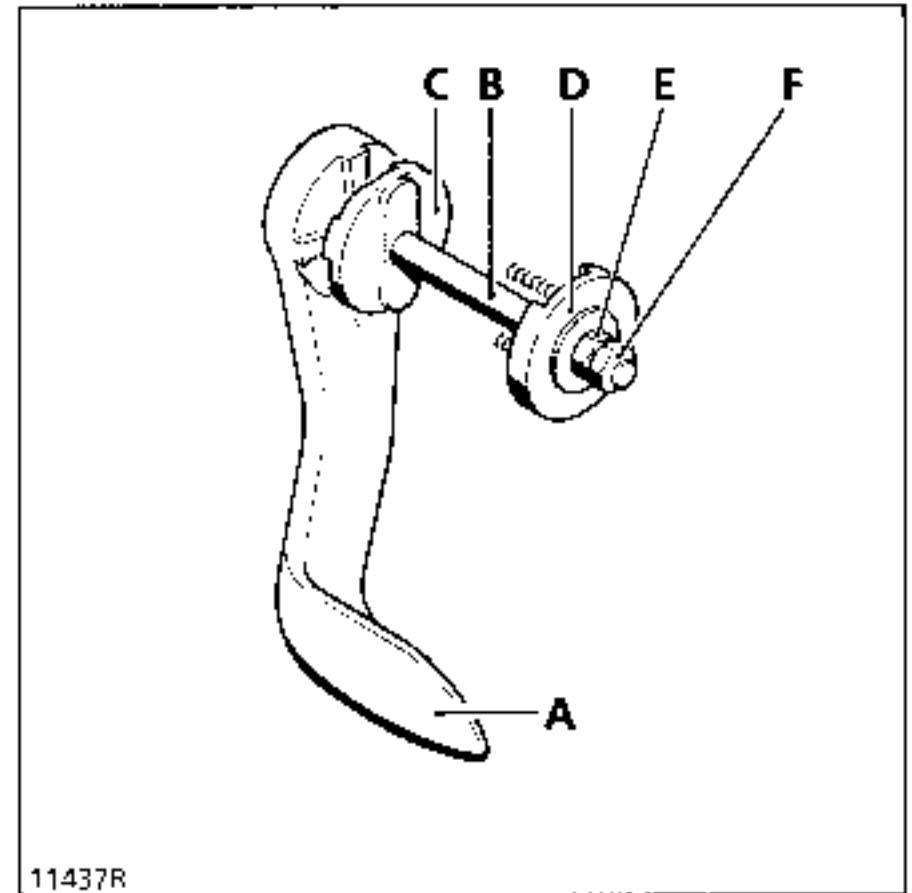
Remove :

- the dashboard mountings on the steering column sleeve, two bolts (O),



- the two mounting bolts and the two mounting nuts for the steering column, to release the two dashboard clips (P).

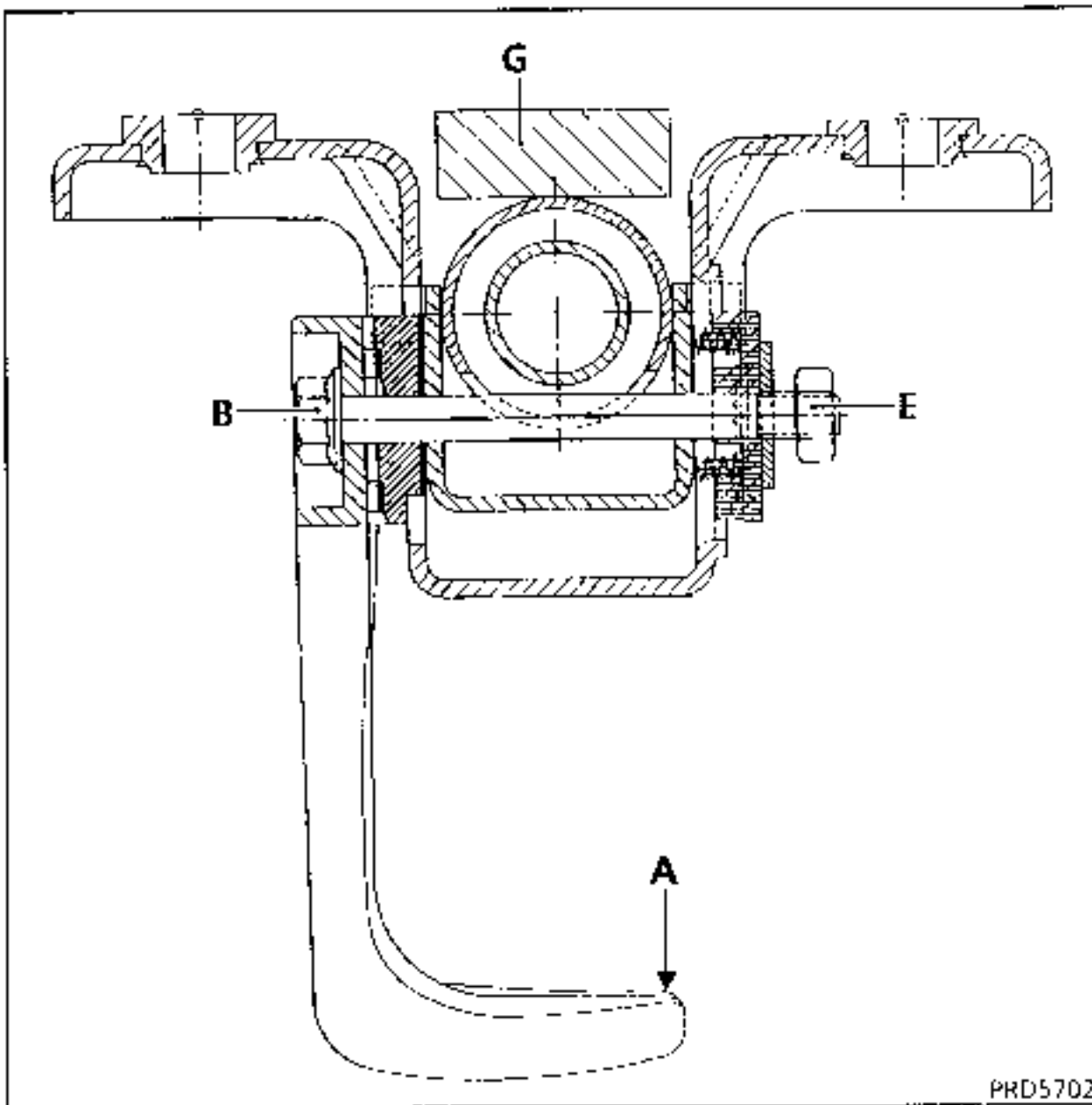
## RELEASING THE STEERING COLUMN HEIGHT ADJUSTMENT SYSTEM



The height adjustment system has the following components:

- A Adjusting handle
- B Bolt
- C Plastic cam washer
- D Aluminium washer
- E Self locking nut
- F Lock nut

**NOTE :** after slackening the self locking nut (E), the adjusting handle may be released and held in an intermediate position along the steering column, allowing the dashboard to be removed without removing the steering column assembly.



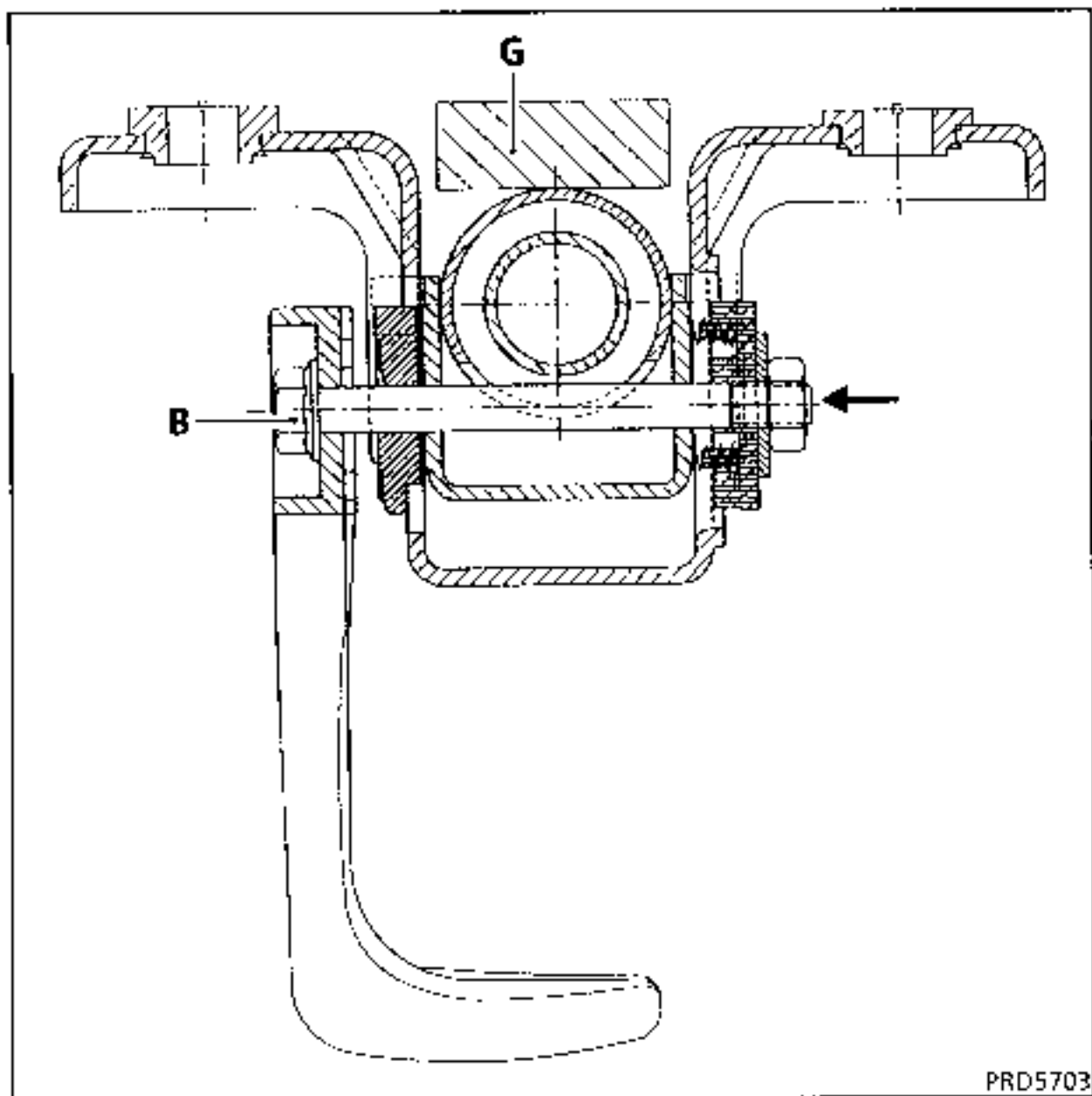
Insert a 15 mm thick shim (G) between the body and the steering column.

Set handle (A) in the closed position (steering column locked).

Remove the lock nut (F) while holding the self locking nut (E).

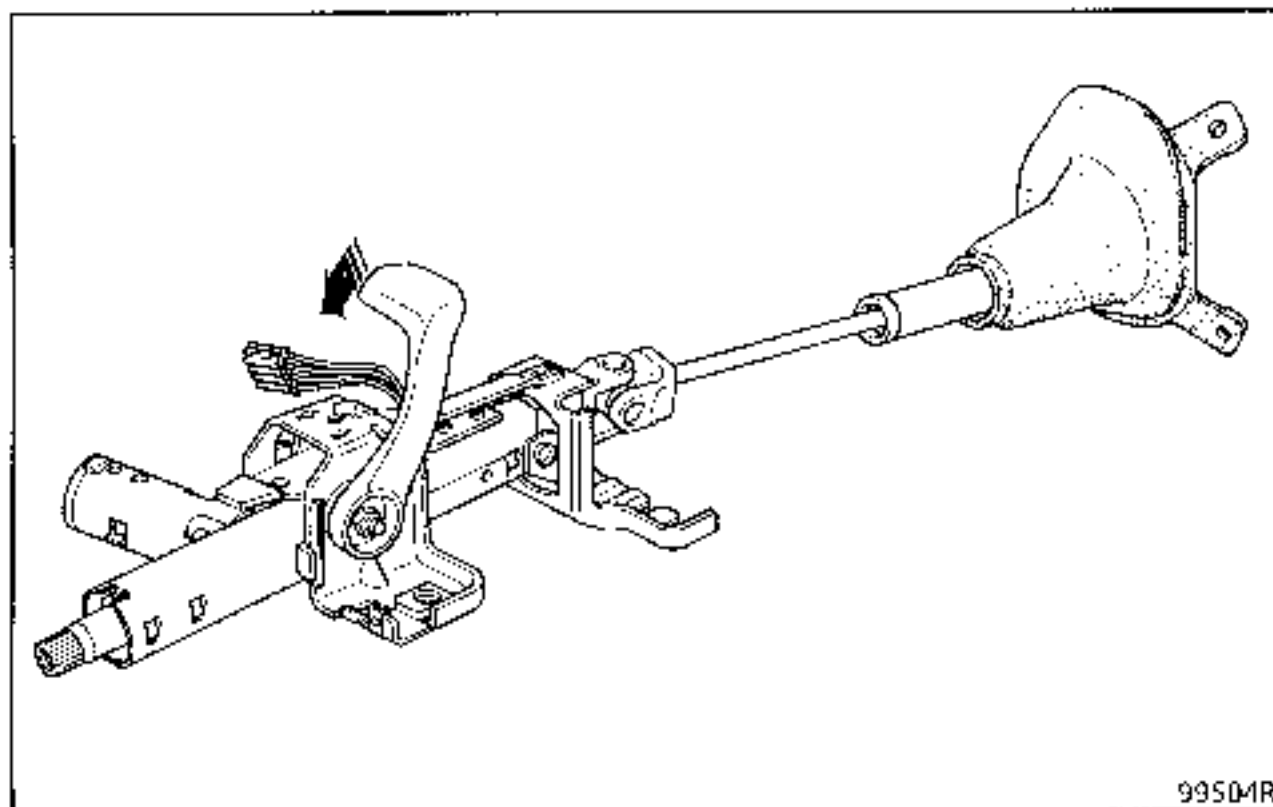
Slacken nut (E) a maximum of two turns while holding bolt (B) immobilised (handle end).

**IMPORTANT :** it is forbidden to remove the the self locking nut (E) and to remove the adjustment system from its location on the column.



Press on the self locking nut to release bolt (B) to the left.





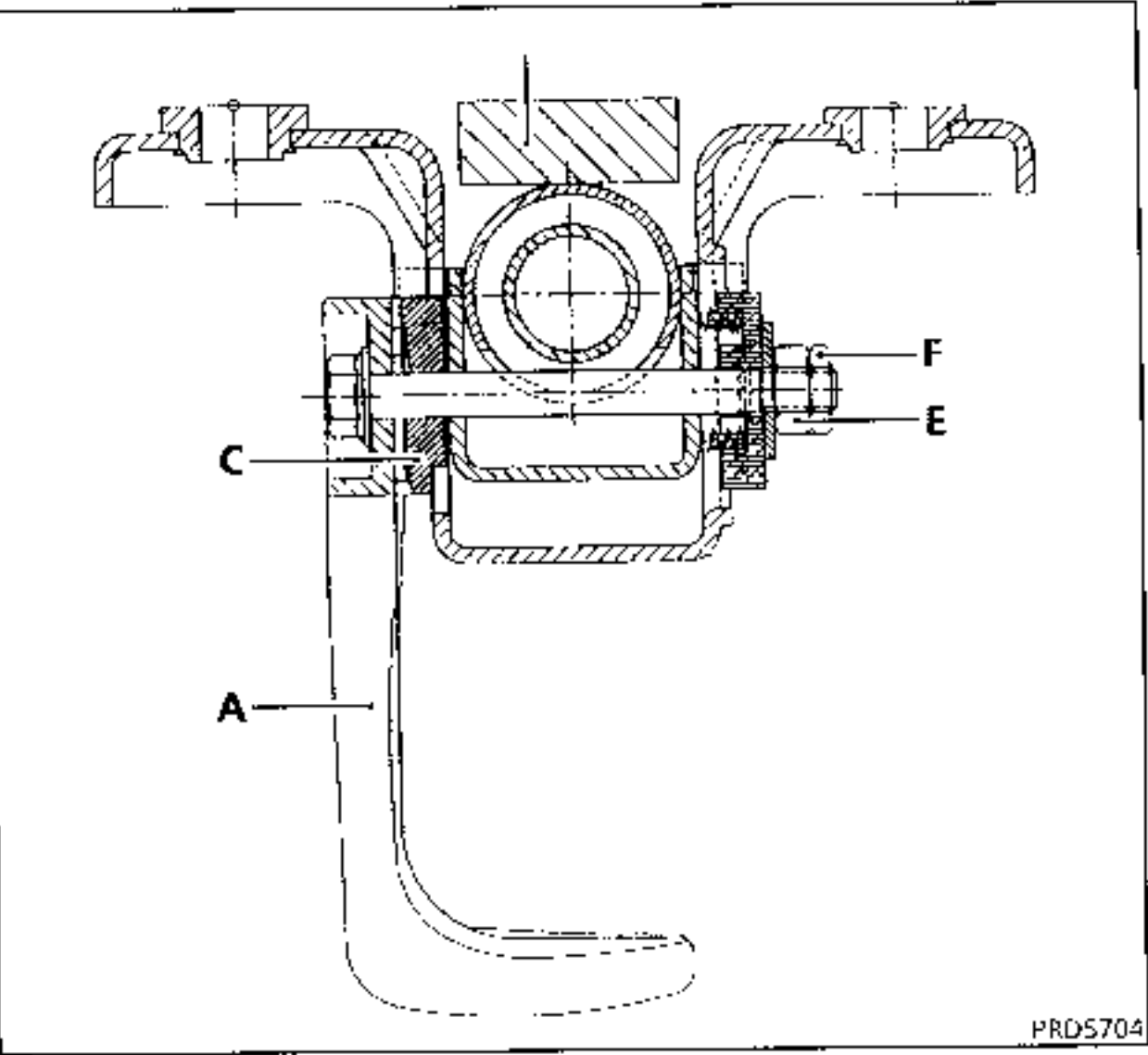
Remove the handle from the cams of the plastic washer (C) and turn it to set it parallel to the steering column tube on the steering wheel side.

Hold it in position using adhesive tape.

Remove the shim (G), pulling gently downwards on the column.

The dashboard may be removed in this position.

REFITTING THE STEERING COLUMN HEIGHT ADJUSTMENT SYSTEM



TIGHTENING TORQUES (in daN.m)		
Self locking nut	0.6	
Lock nut	1.2	

Insert a 15 mm shim between the body and its mounting, to lock it vertically and allow the adjustment system to be tightened later on.

Turn the adjusting handle to the locked position (the handle should be against the stop on the upper part of the plastic washer notches (C)), applying pressure to the self locking nut in the same manner as for releasing the mechanism.

Tighten the self locking nut (E), while holding the head of the bolt using a second wrench, to a torque of 0.6 daN.

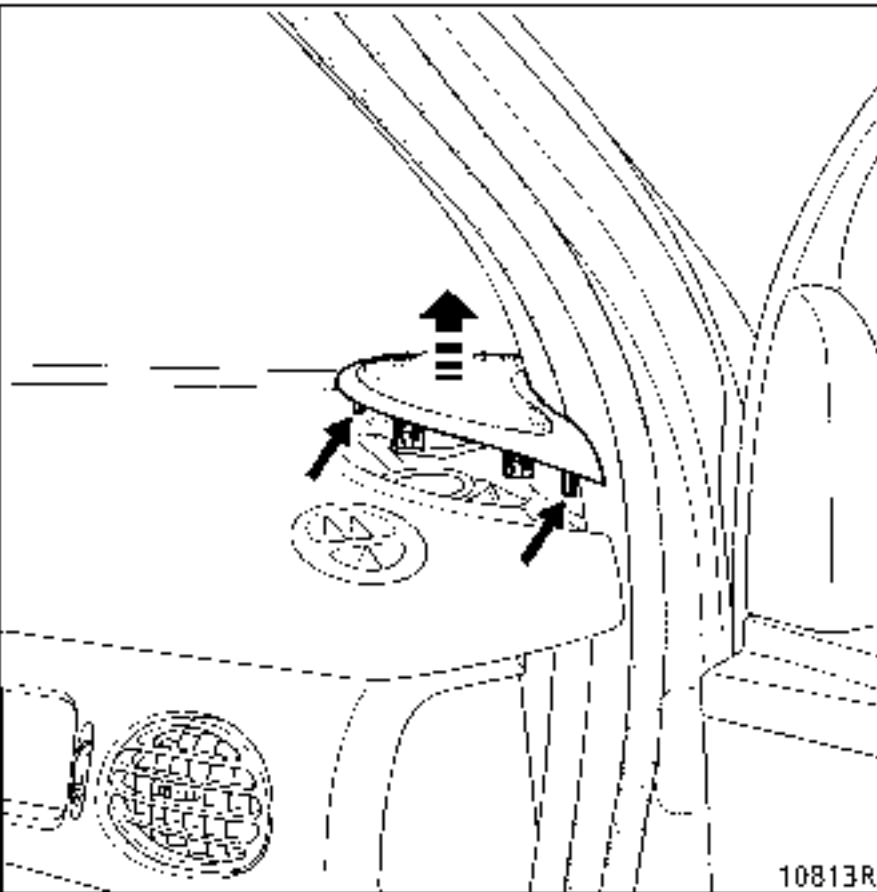
Remove the shim.

Manually check the force required to move the adjusting handle to ensure it is easy to use. There should be no points of stiffness.

Progressively tighten the lock nut (F) to a torque of 1.2 daN.m while preventing the self locking nut (E) from turning.

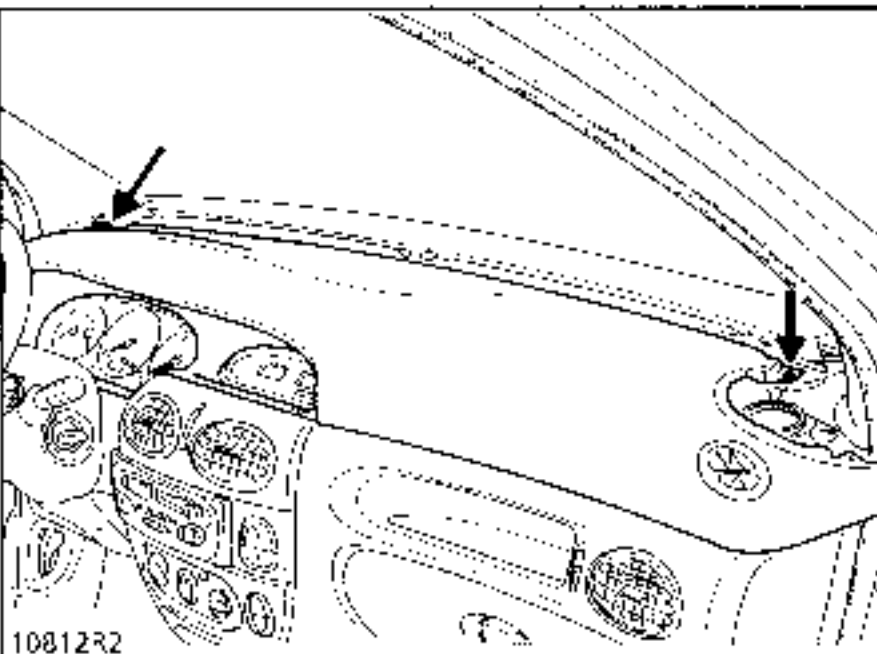
Check the force required to move the adjusting handle (A) once more.

## REMOVING THE UPPER PART OF THE DASHBOARD



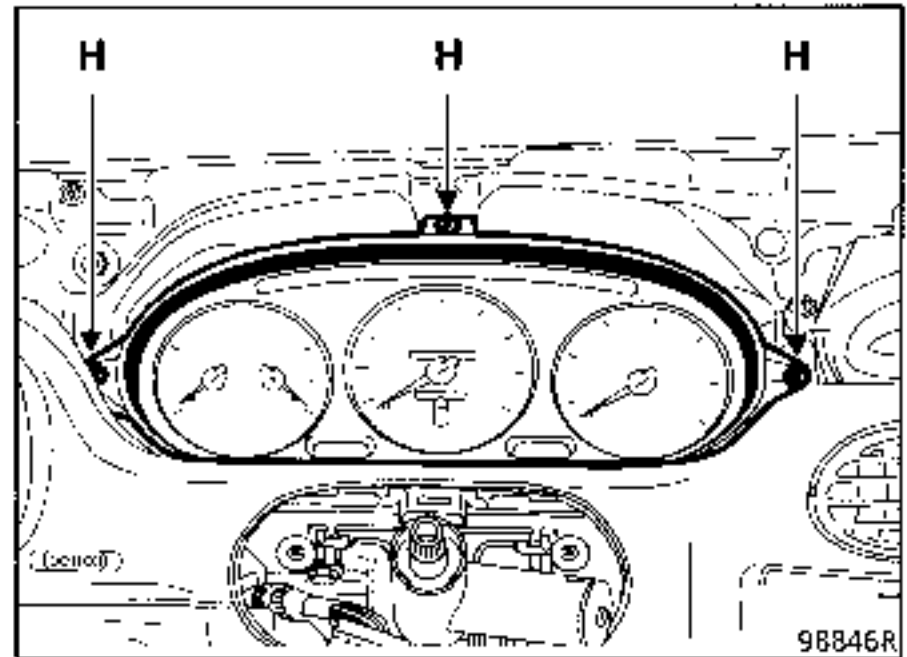
Unclip the speaker grilles and release the centring pins.

Pull towards the rear of the vehicle to release the grilles from their location.

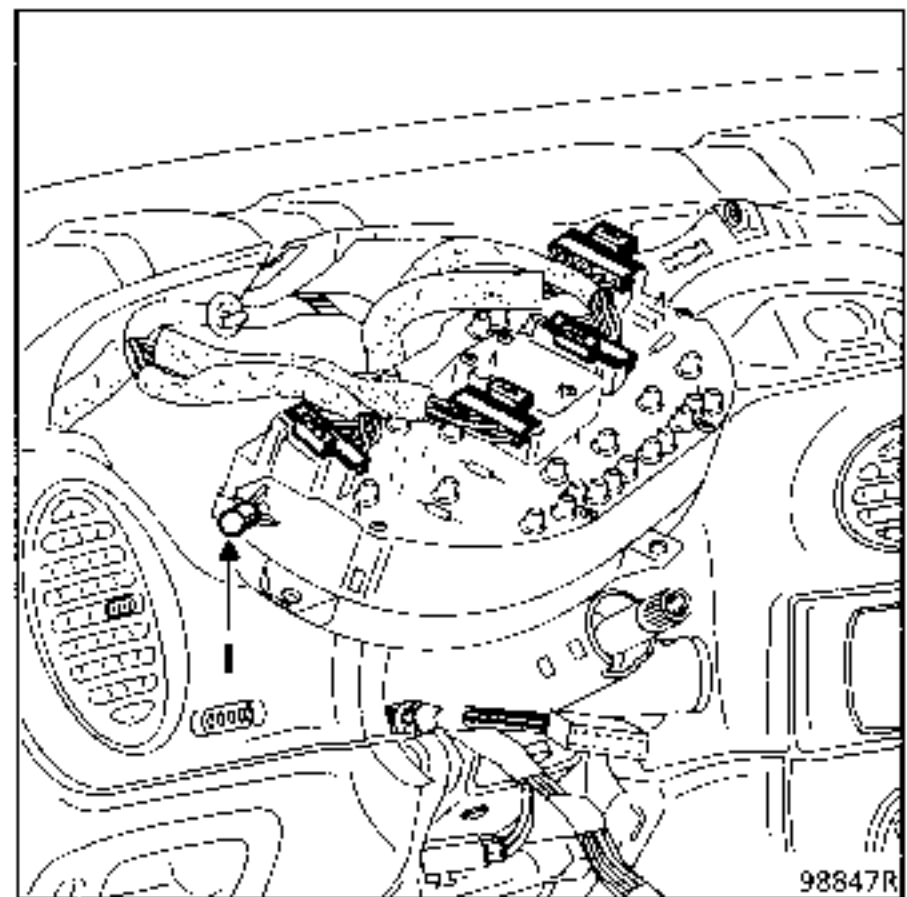


Remove the upper mounting bolts.

Unclip the trim, lifting it by hand, then pulling it towards you to release the three retaining clips on the vent (see 57A).

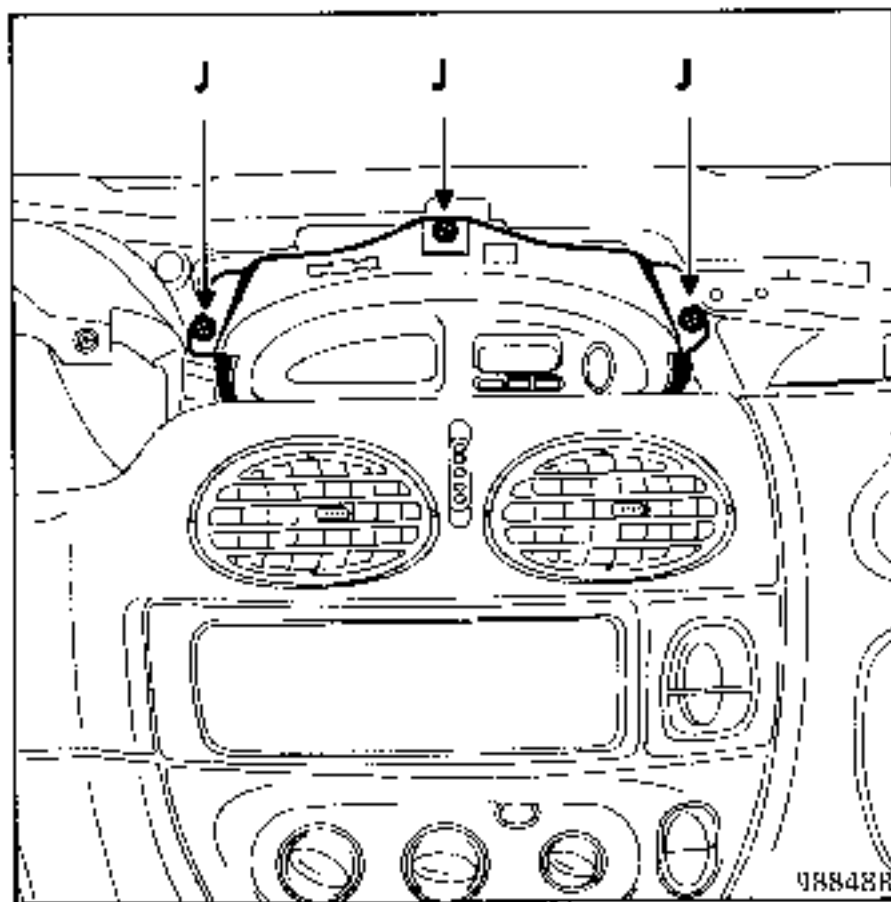


Remove the instrument panel, three bolts (H).



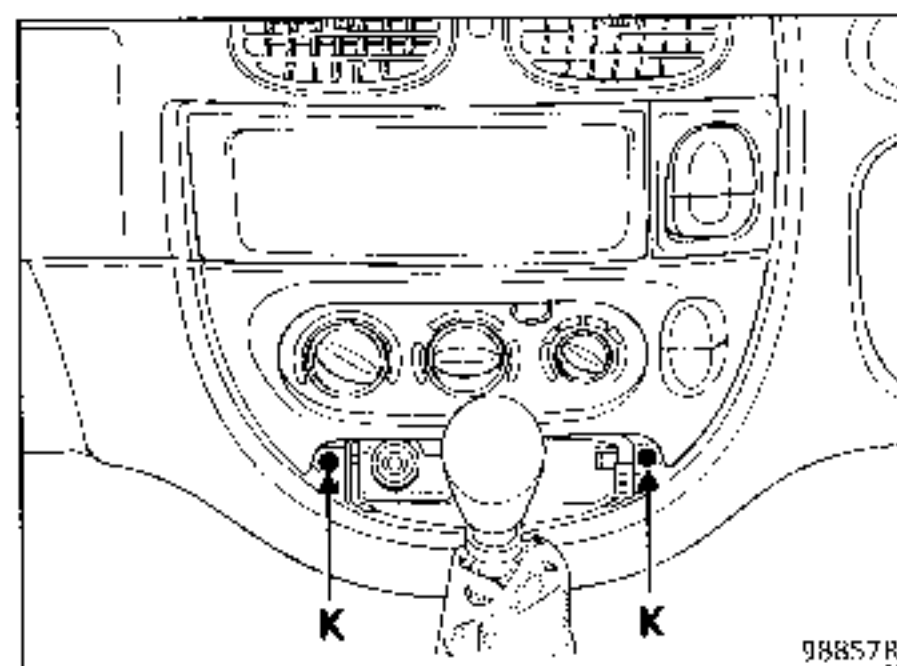
Disconnect the instrument panel.

**IMPORTANT** - retain and reposition the small rubber blocks (I).



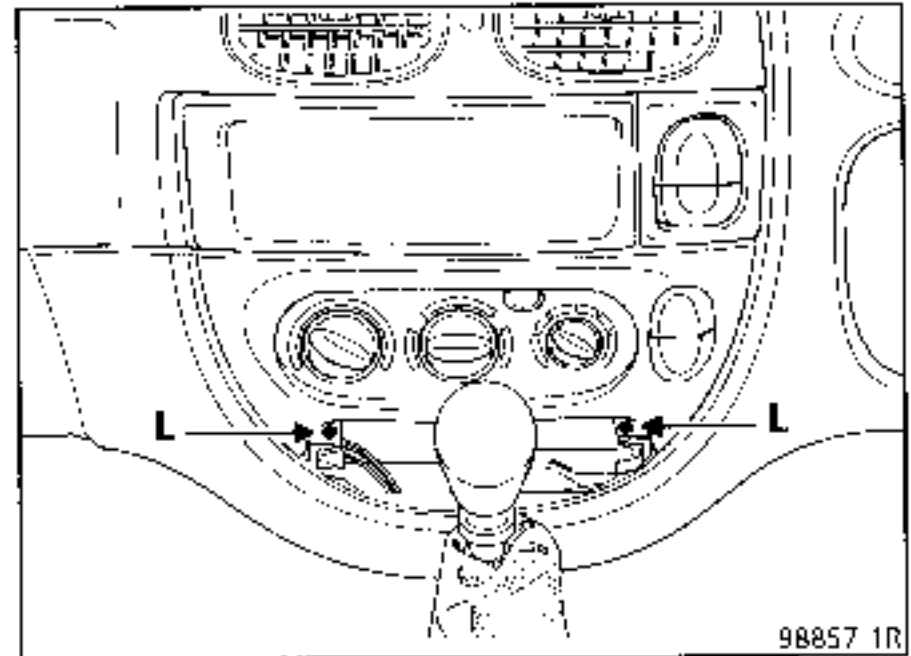
Remove the clock, three bolts (J).

Disconnect the connectors.



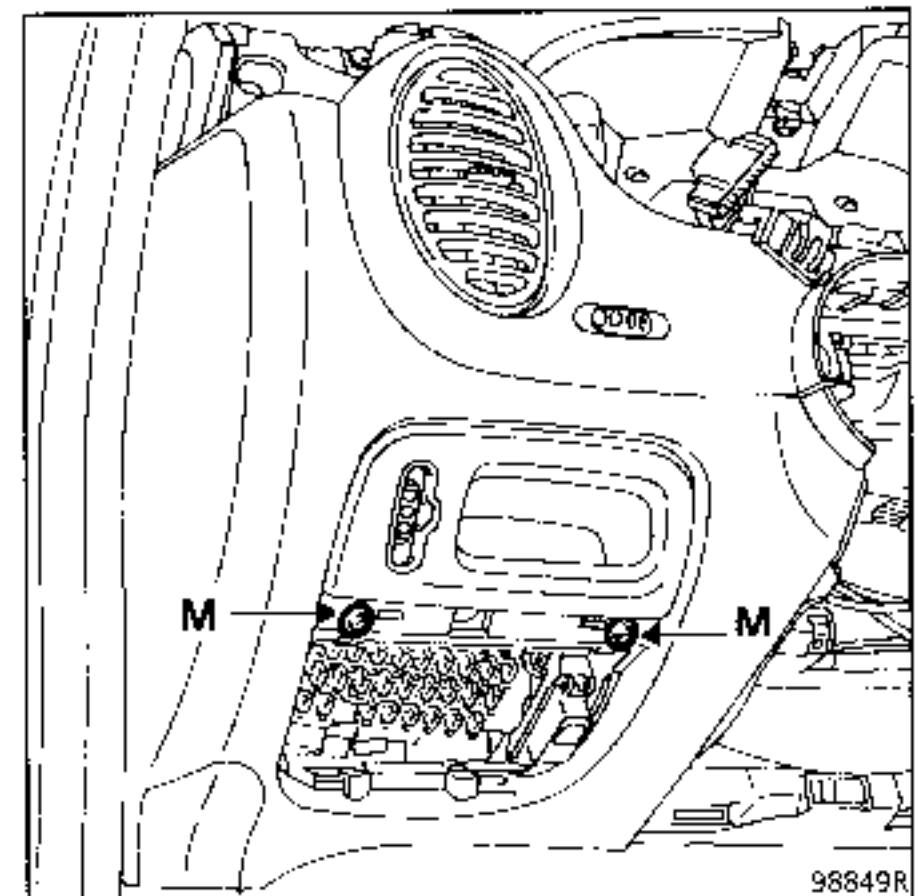
Remove:

- the ashtray mounting, two bolts (K),



- the heating control panel, two bolts (L).

Disconnect the connectors from the control panel.

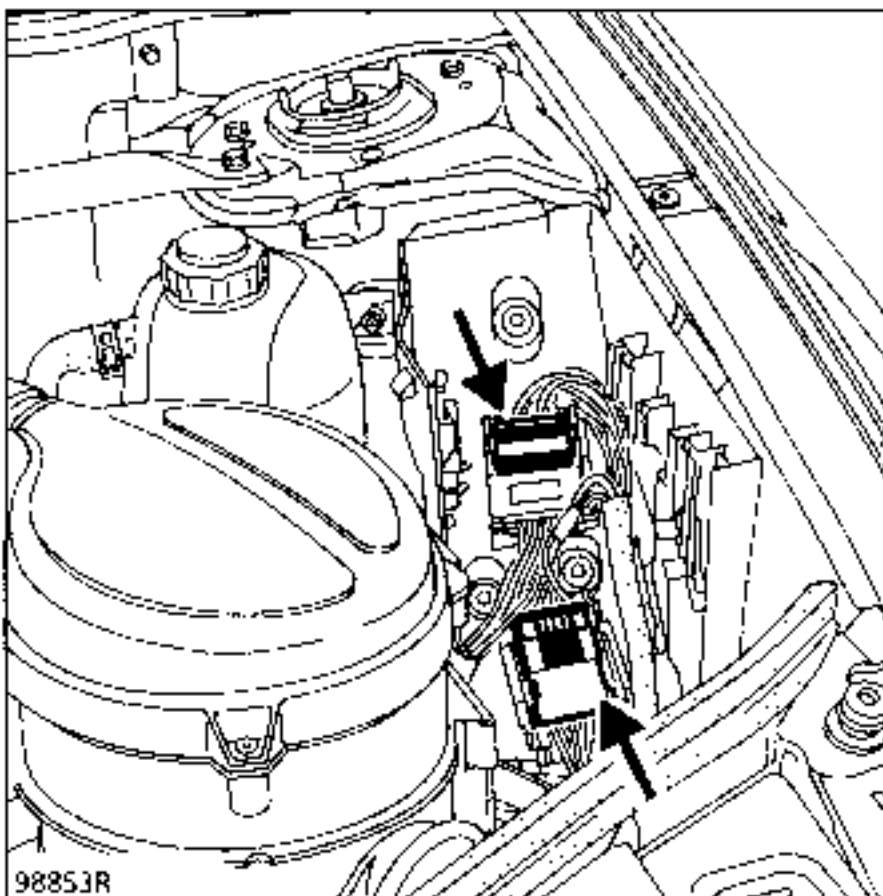


Remove the headlight adjustment mounting unit, two bolts (M).

Disconnect the connector.

Remove the connectors (2) which can be reached at the lower part of the fuse box without having to remove the fuse box (see page 57-7).

In the engine compartment:



In the housing, left hand side:

Disconnect the engine wiring connectors.

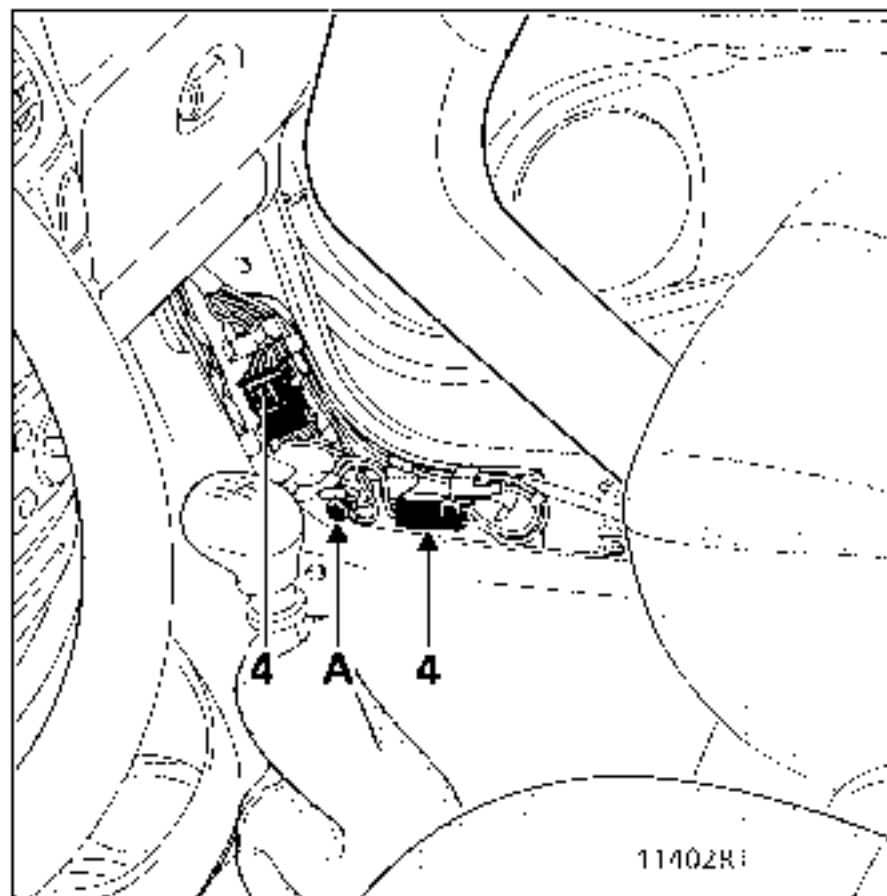
Remove the front left hand mudguard.

Unclip the wiring mounting clips.

Disconnect the wing mounted repeater (3).

Pass the wiring loom into the passenger compartment.

In the passenger compartment, right hand side:

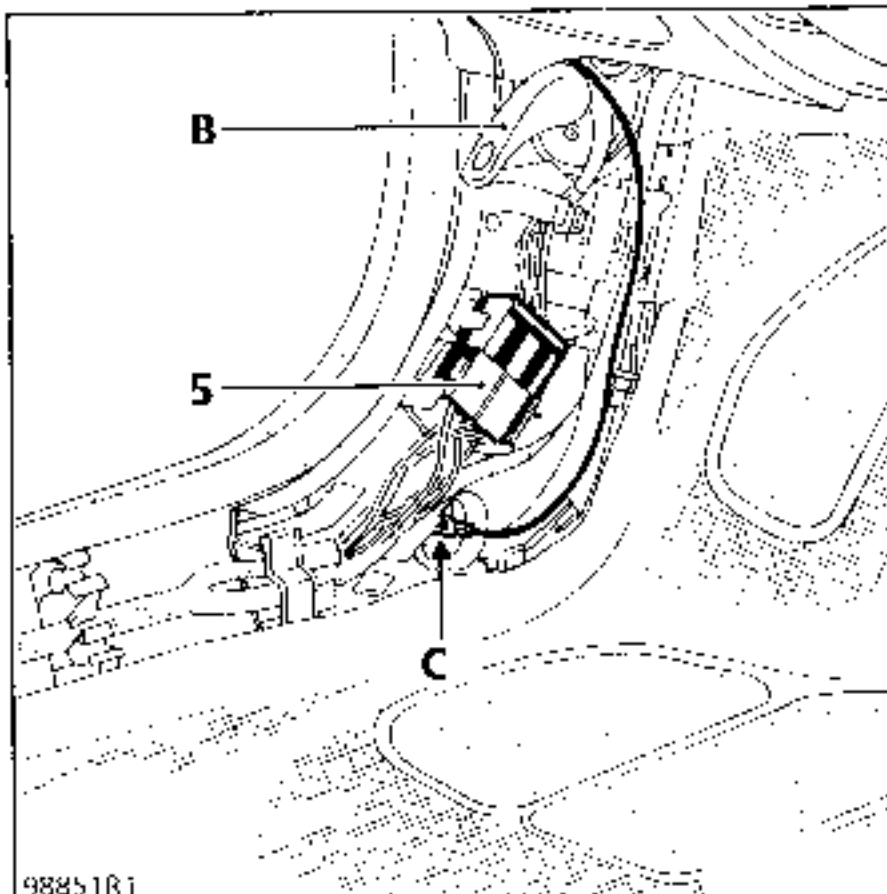


Partially remove the door seals.

Separate the front section of the front door inner sill lining.

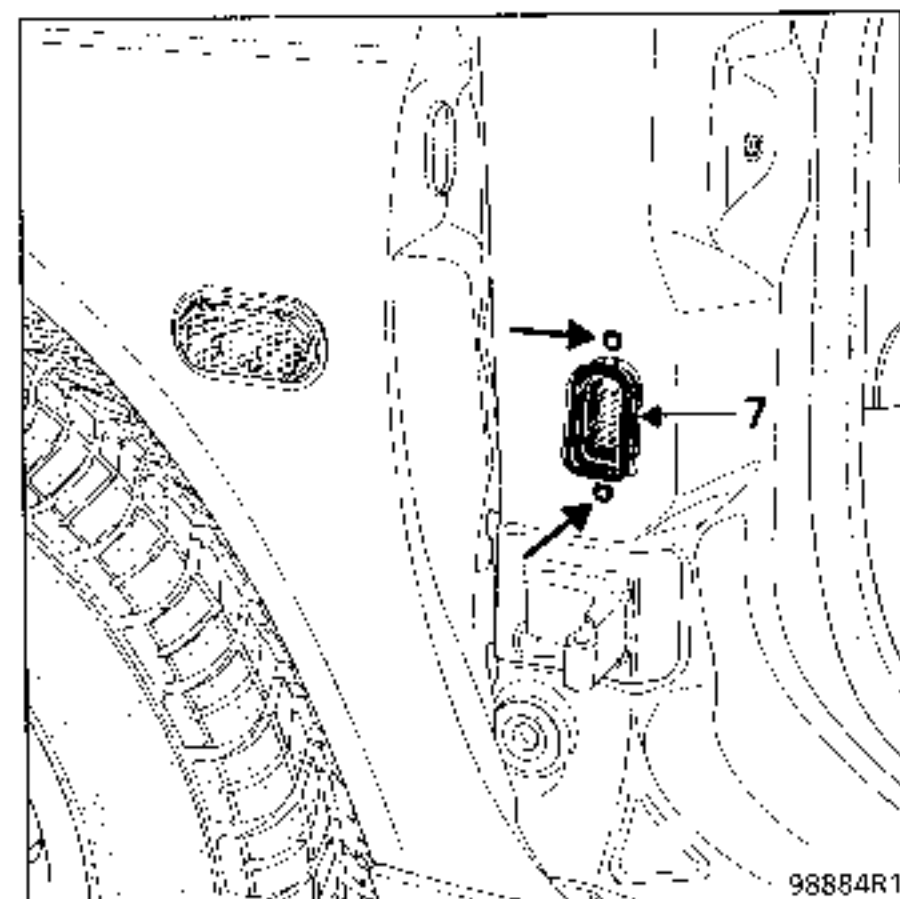
Disconnect the two wiring looms (4) and remove bolt (A) for the earth wire.

In the passenger compartment, left hand side:



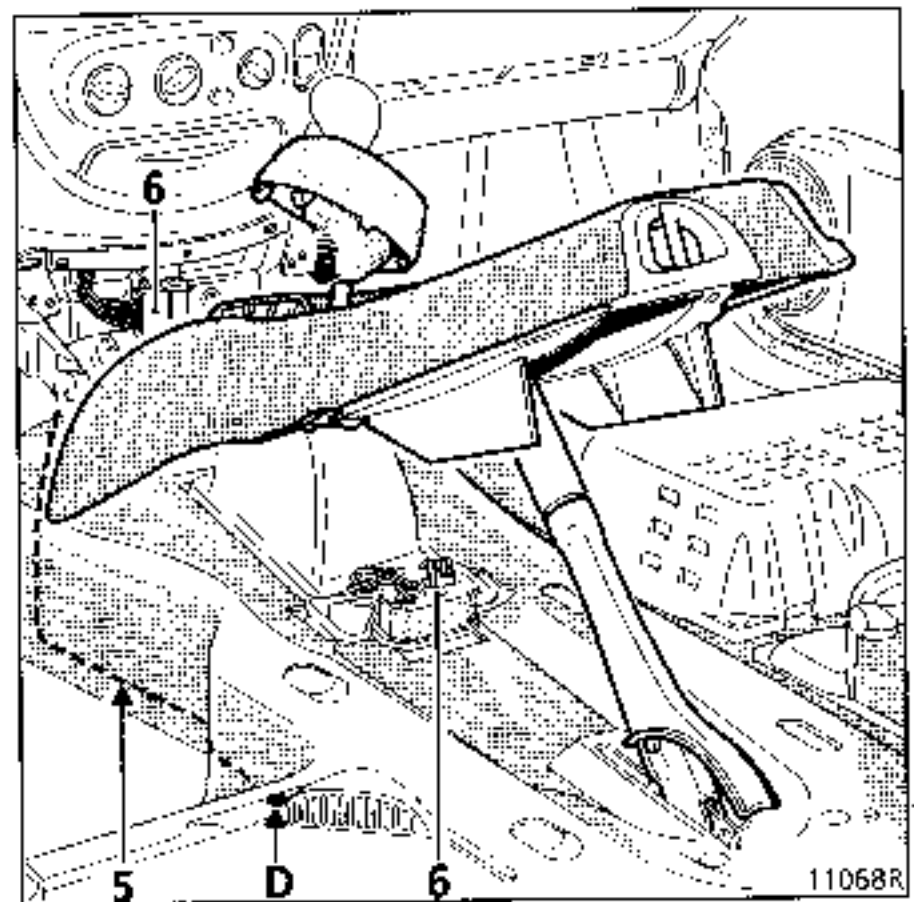
Remove the bonnet release handle (B).

Disconnect the wiring (5) and remove the bolt for the earth wires (C).



Remove the two bolts for the front door wiring connectors (7), pass the wiring into the passenger compartment.

## REMOVING THE CONSOLE



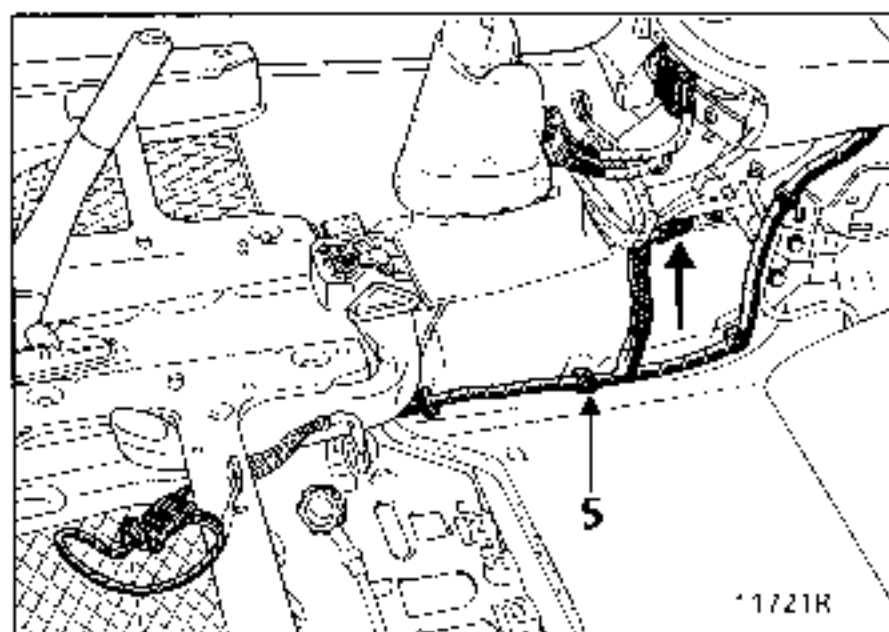
Remove the console (see 57C).

Move the front seats as far forward as possible to give access to the inspection covers under the seats.

Remove the two clips (D) using SODICAM unpicking pliers or a similar tool and open the cover to disconnect the wiring for the seat belt pretensioners (5) mounted to the cover.

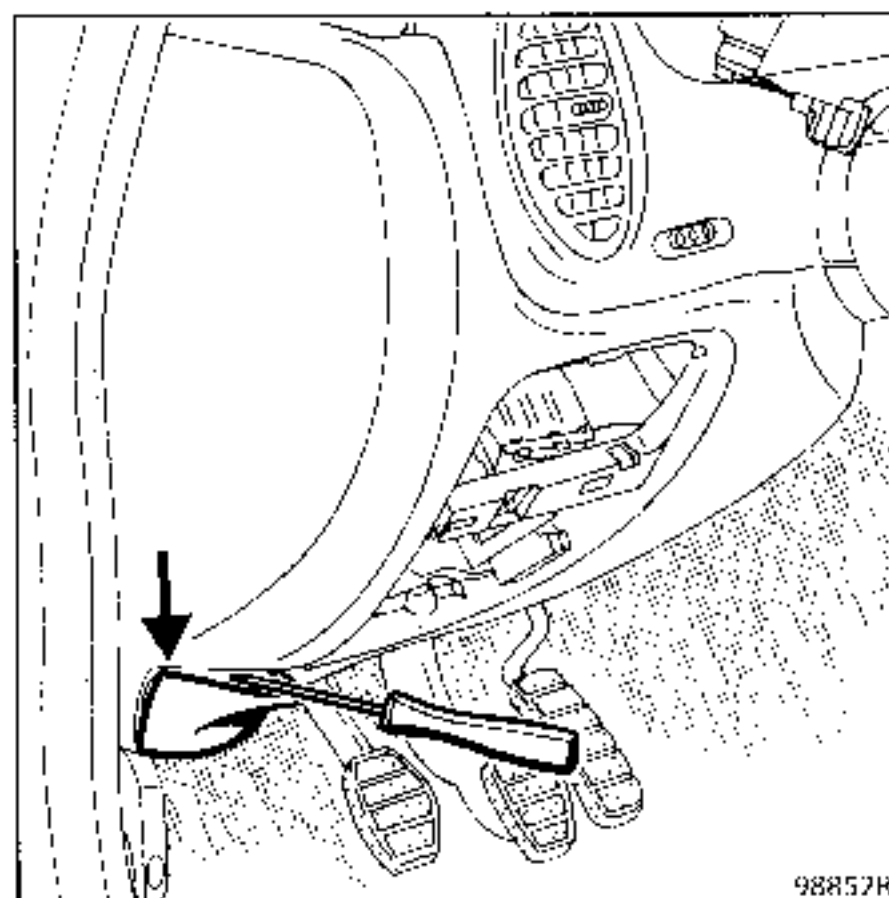
Disconnect the wiring (6).

Cut out the piece of carpet at the base of the gear lever to move the carpet to one side and release the seat belt pretensioners wiring.



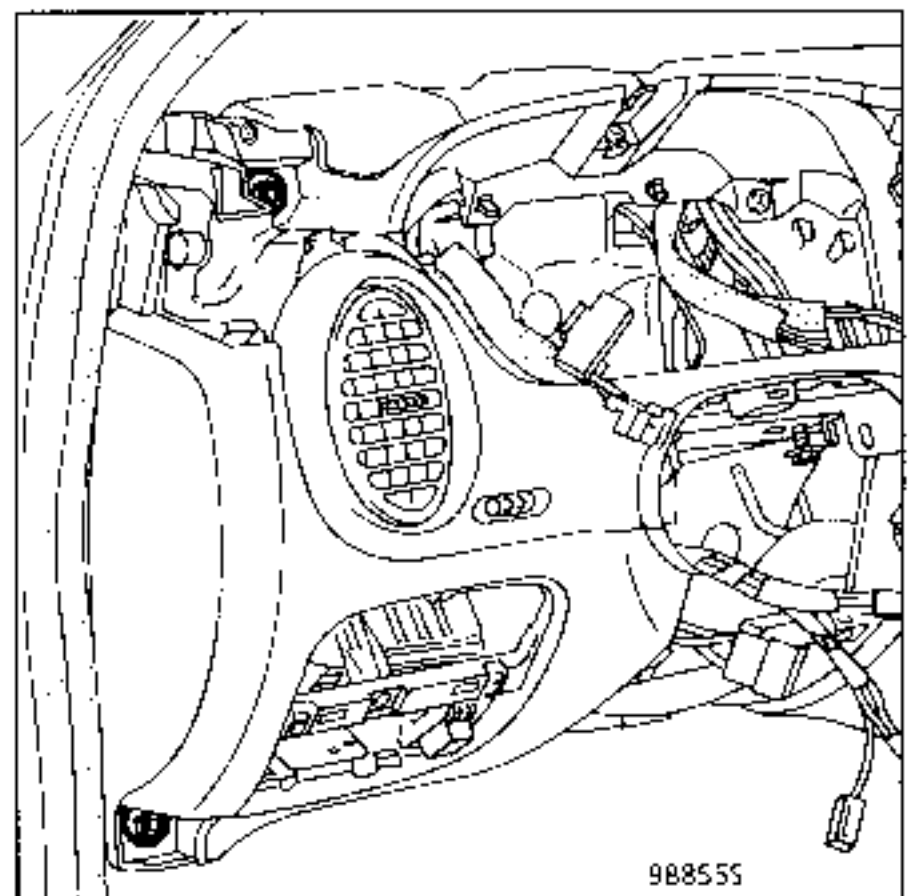
Release the wiring (5) on each side.

Disconnect the connector for the "airbag" computer mounted in front of the gear lever.



Remove:

- the two lower blanking covers.




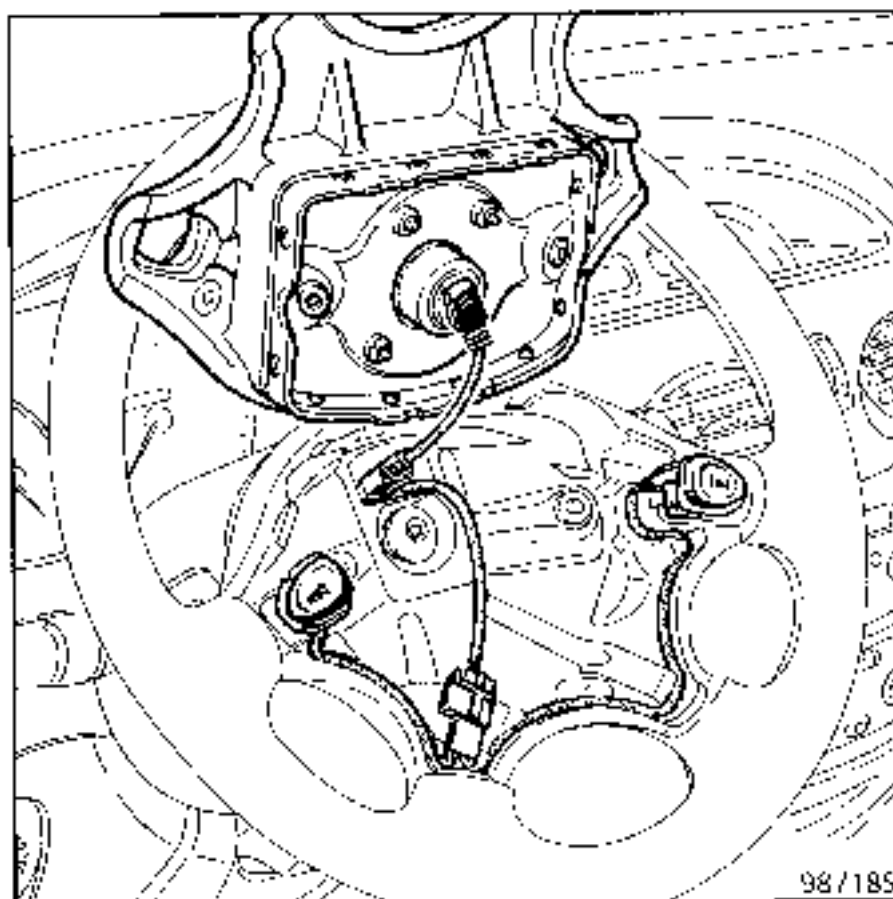
- the four dashboard mounting nuts.

Remove the dashboard with care (two people required).

Note and if possible refit the various mountings and clips for the wiring to facilitate refitting.

# REFITTING

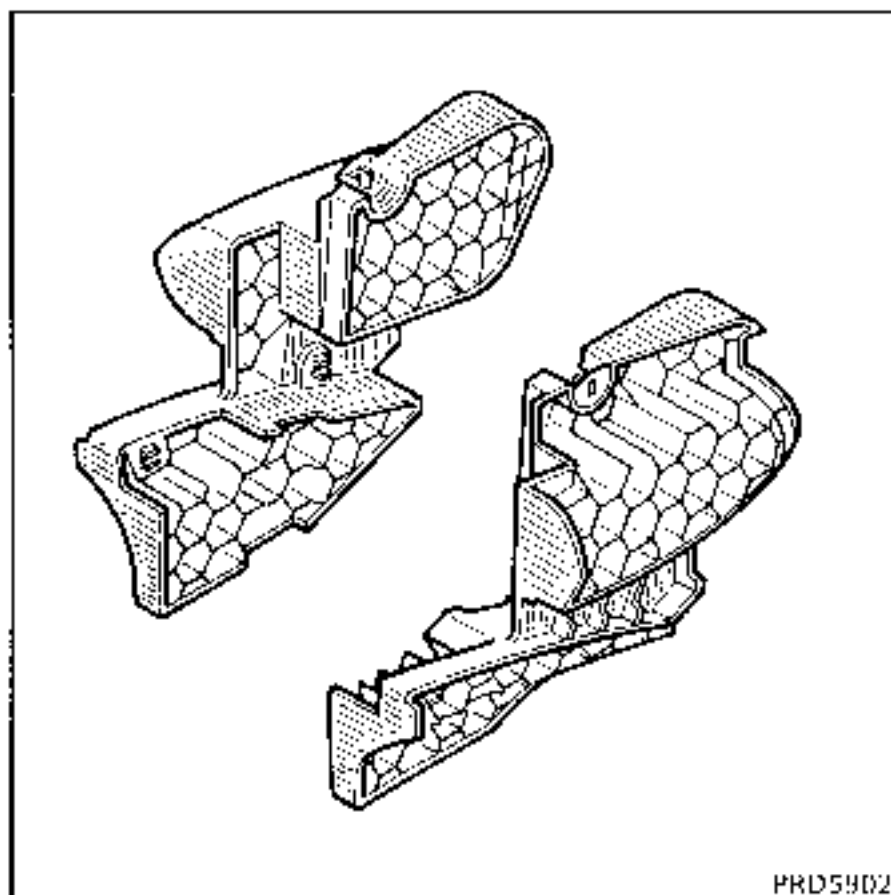
TIGHTENING TORQUES (in daN.m) 	
Steering wheel bolt	4.5
Steering column mounting nut	2



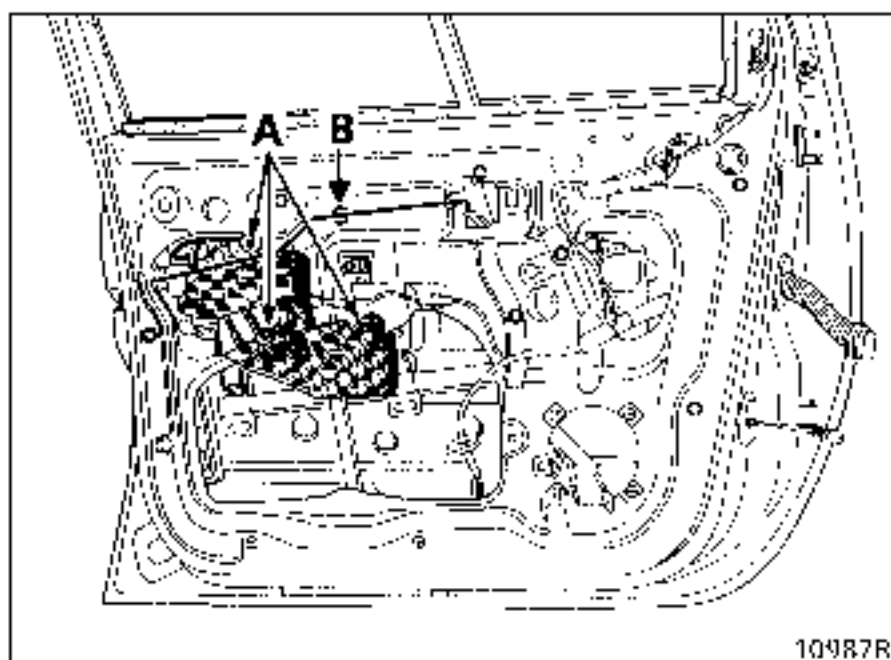
**The steering wheel bolt MUST be renewed.**

When refitting the mounting nuts and bolts for the steering column, the correct tightening torque must be used.





## REMOVAL



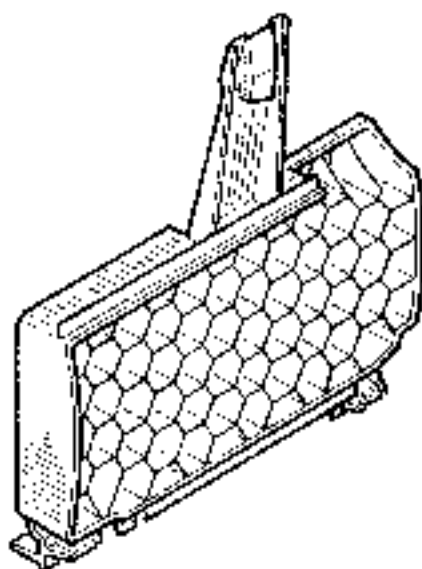
### Remove:

- the front door lining (see 72A),
- the three mounting bolts (A) for the absorber on the door box section.

### Unclip:

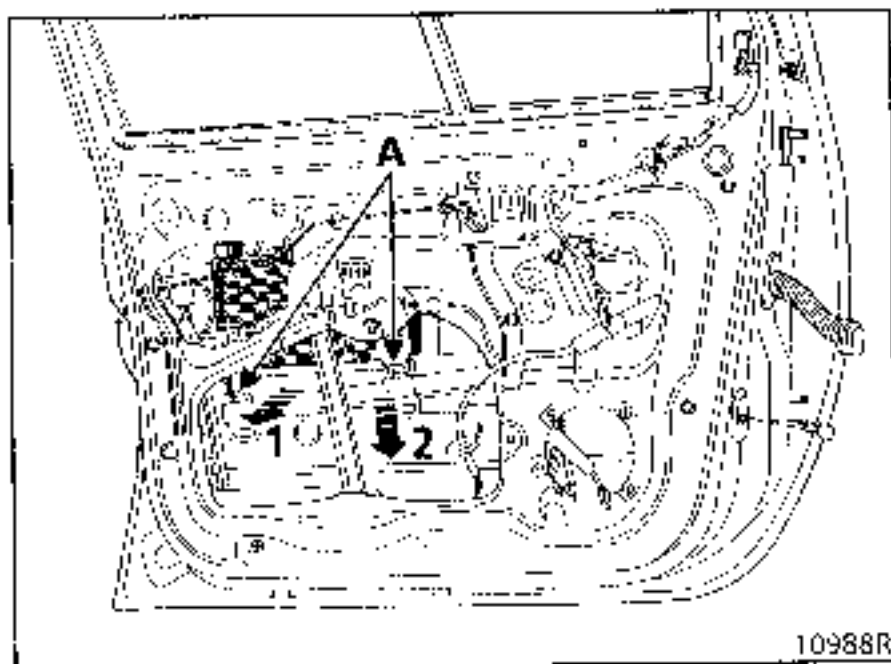
- the door opening control linkage at (B),
- the three clips (A) for the absorber.

Remove the absorber.



PRD5903

## REMOVAL



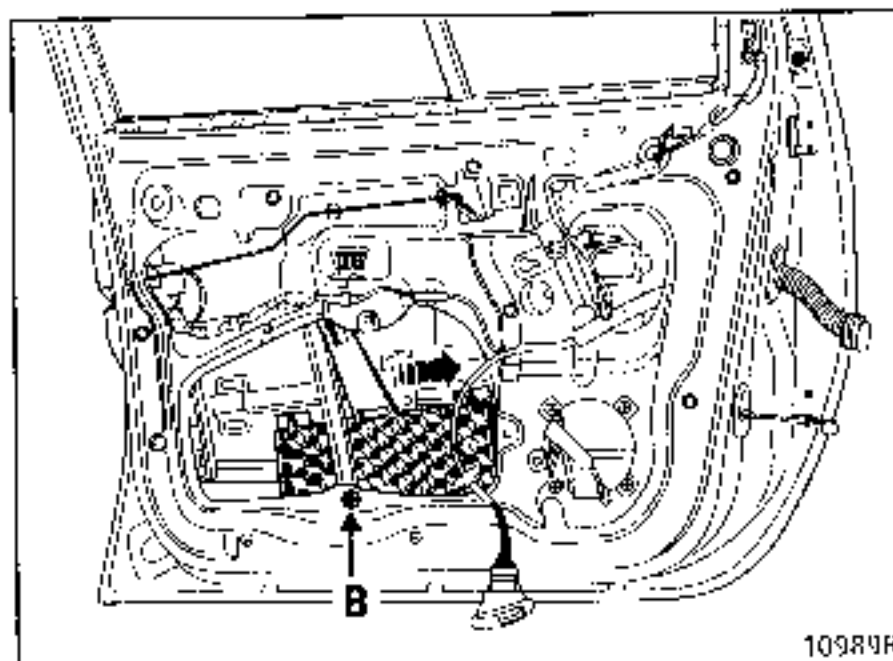
10988R

Remove:

- the front door lining (see 72A),
- the interior side impact absorber (see 59A).

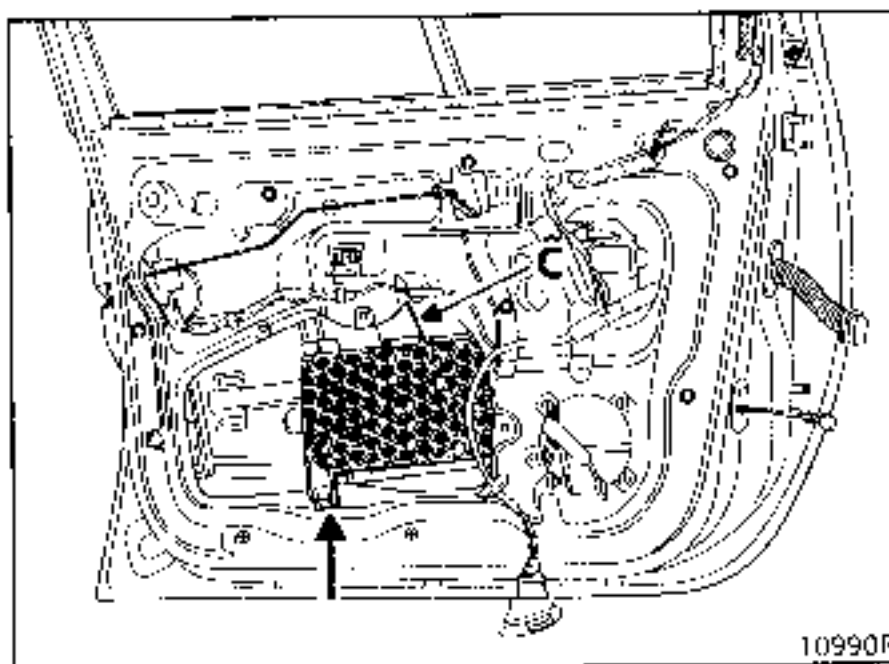
Using a flat blade screwdriver, lift the two clips (A), to remove the absorber from its location in the door box section (1).

Rest the absorber in the bottom of the door box section, sliding it in line with the window mechanism (2).



10989R

Push the absorber as far forward as possible and remove the lower mounting bolt (B) for the window mechanism.



10990R

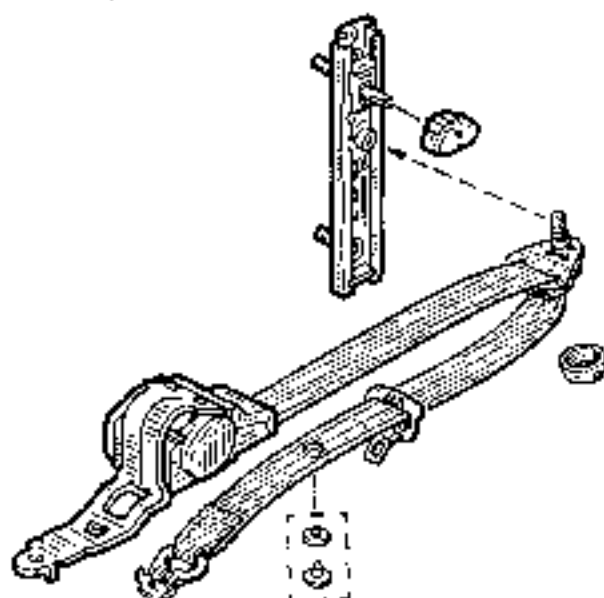
Pass the rear section of the absorber outside the door box section then the front section.

Release the absorber upper retaining clip (C) and remove it.

## REFITTING

Ensure that the two clips (A) are correctly repositioned on refitting.

If one of them is incorrectly positioned, the sliding window could catch on them when it is lowered into the box section and this may cause serious faults in operation.



PRD5901

**TIGHTENING TORQUES (in daN.m)**

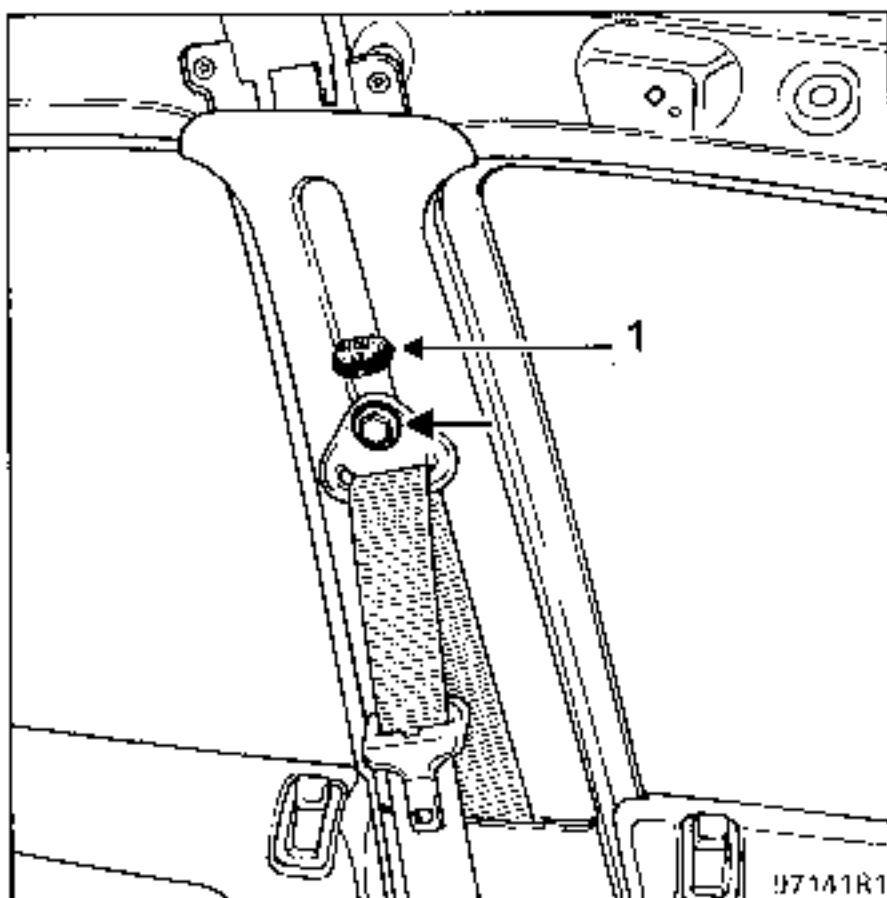


Seat belt mounting bolt

2.5

**IMPORTANT :** for seat belts with pretensioners, refer to the airbag and pretensioner section.

**REMOVAL**

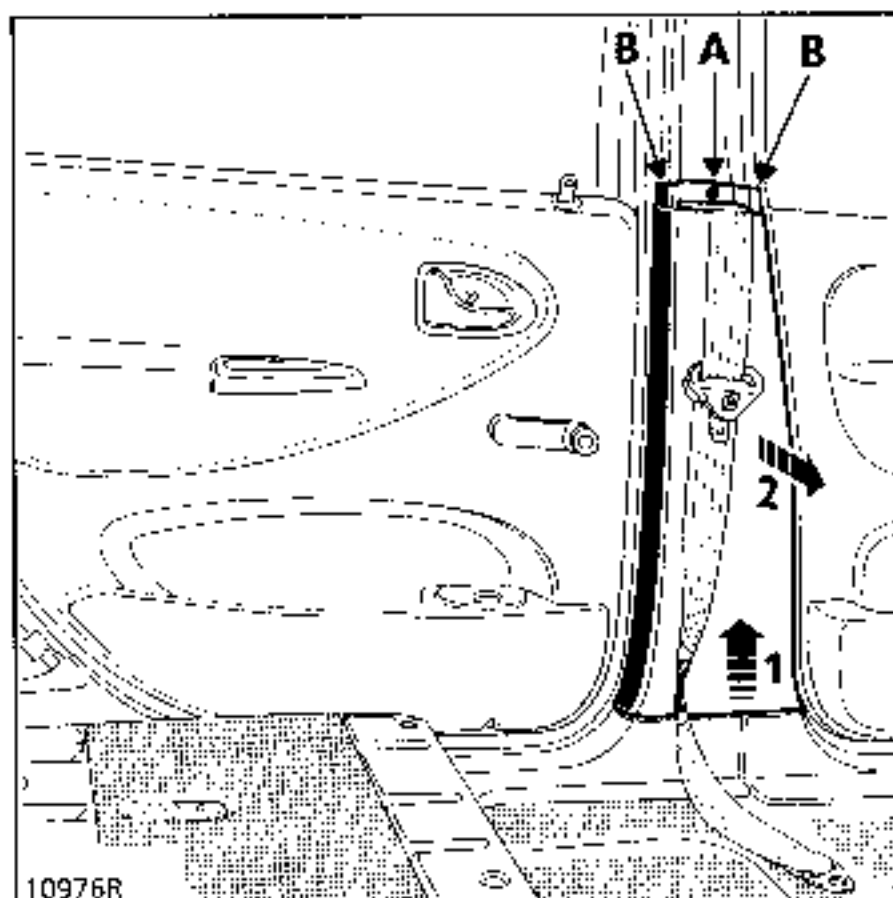


97141R1

**Remove:**

- the parts of the door seals concerned,
- the upper seat belt mounting bolt,
- the adjusting button (1) by inserting a flat blade screwdriver at the lower edge of the button to separate the two shells.

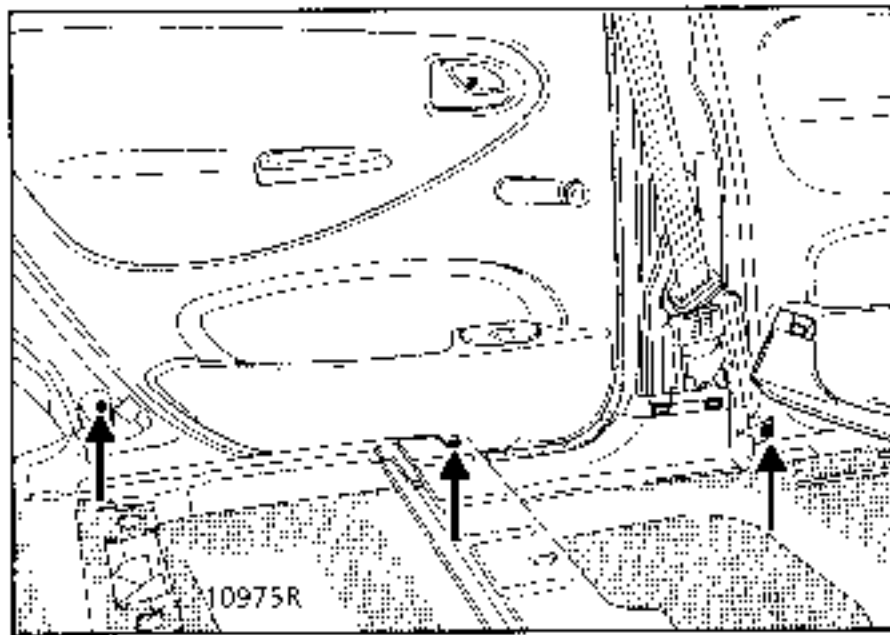
Remove the upper centre pillar lining (see 71F).



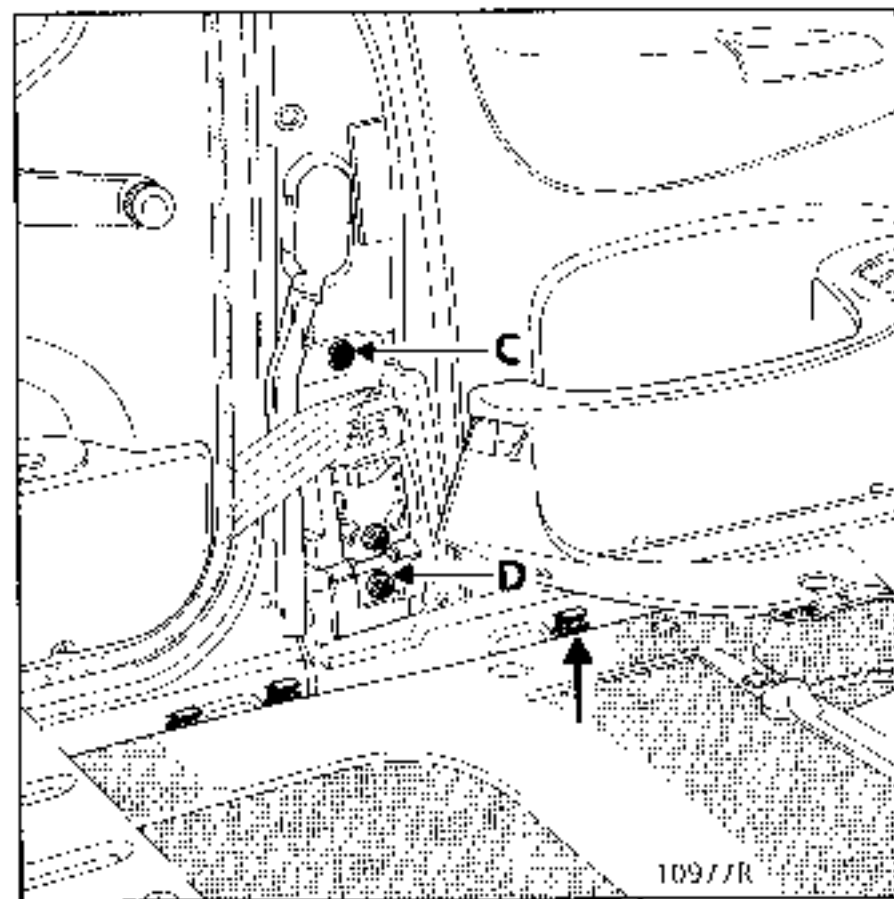
10976R

**Remove:**

- the mounting bolt (A) and separate the two brackets (B) to release the seat belt strap,
- the lower centre pillar lining (see 71G).



Remove the lower lining from the rear inner sill (see 71E).



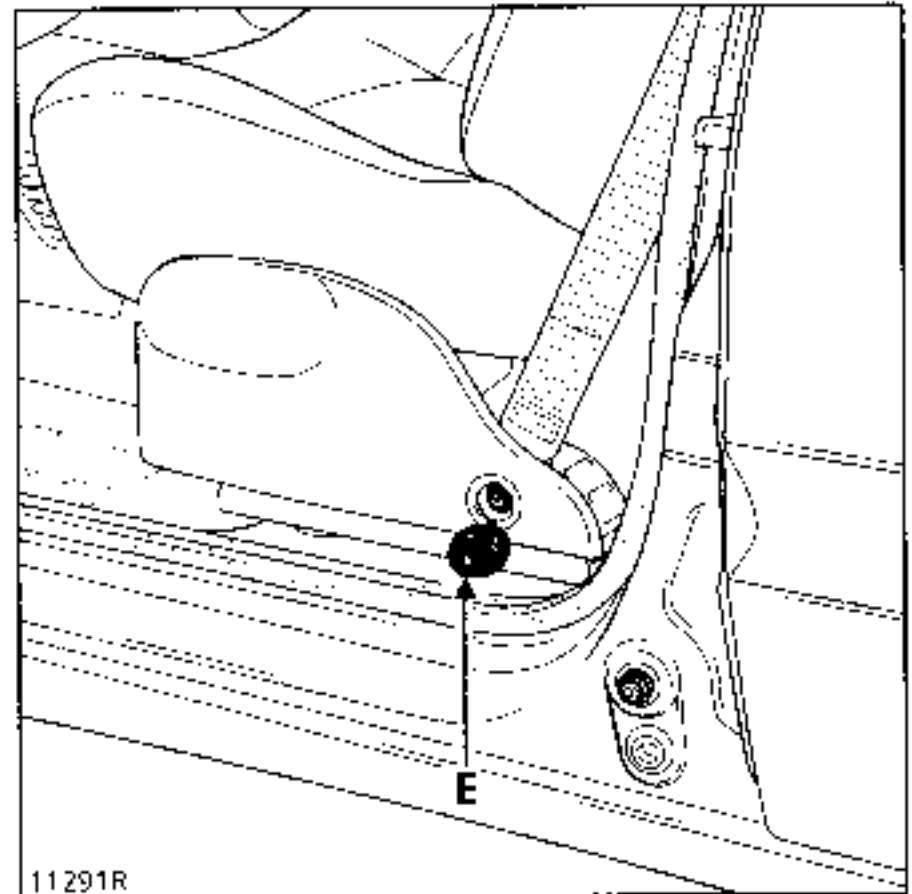
Partially unclip the rear section of the front inner sill lining.

Remove the clip (C) and the mounting bolt (D) so that the inertia reel and its programmed restraint system may be removed.

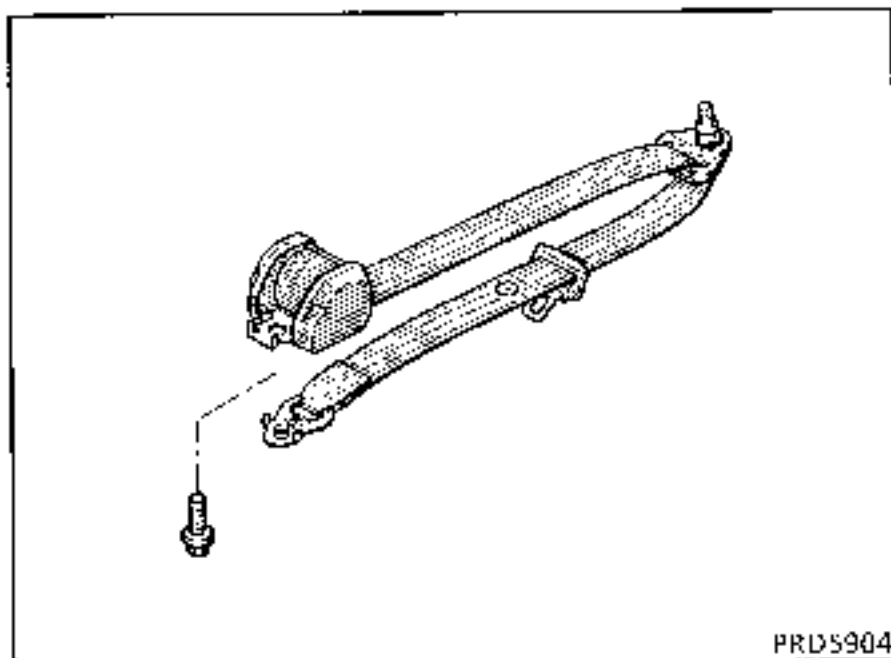
### New programmed restraint system

(passive safety in the event of a severe frontal impact).

The inertia reel / web lock is mounted on a fitting which limits the amount of retaining force applied by the seat belt to the pelvis and thorax of the two front seat passengers in the vehicle, under sharp deceleration.



On the front seat, remove cover (E) and remove the lower mounting bolt for the front seat belt.



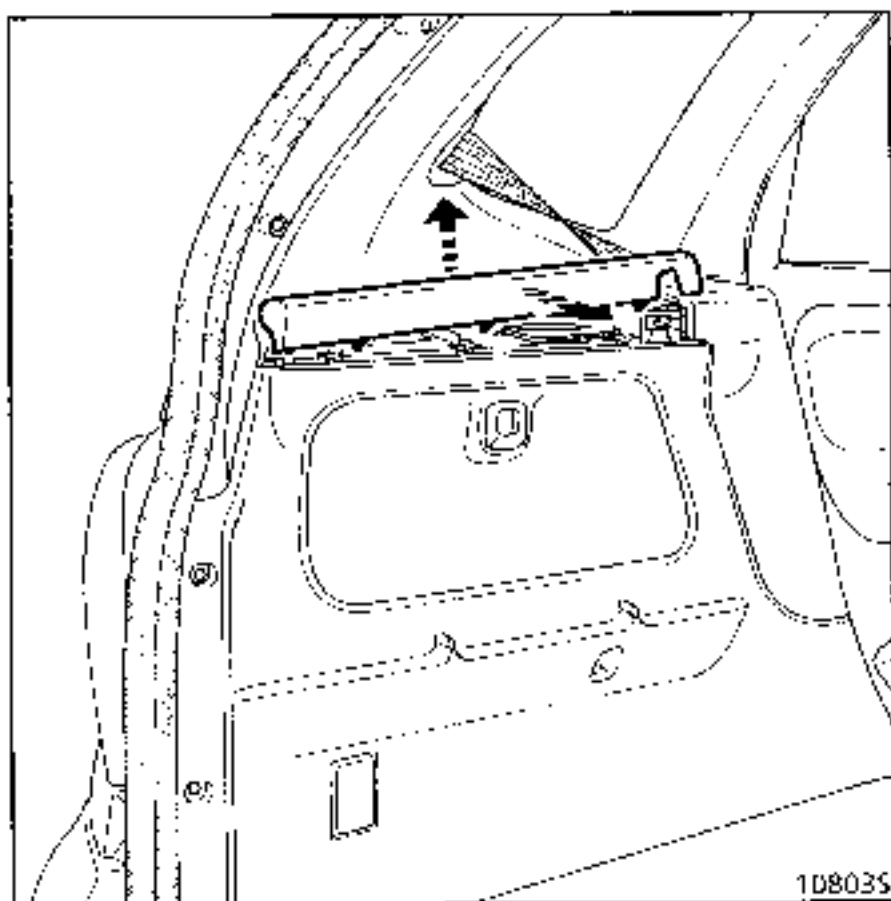
**TIGHTENING TORQUES (in daN.m)**



Seat belt mounting bolt

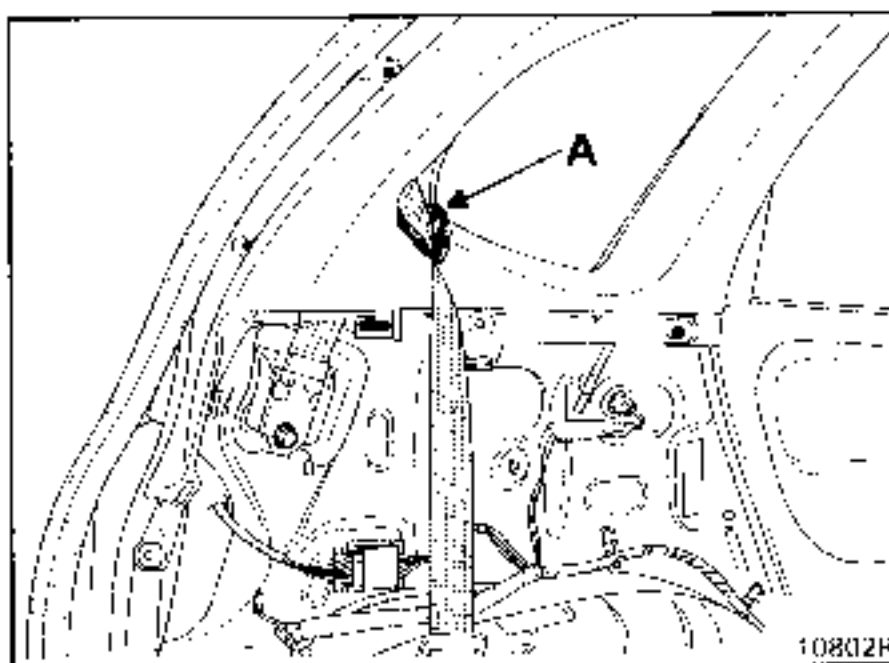
2.5

**REMOVAL**



Remove:

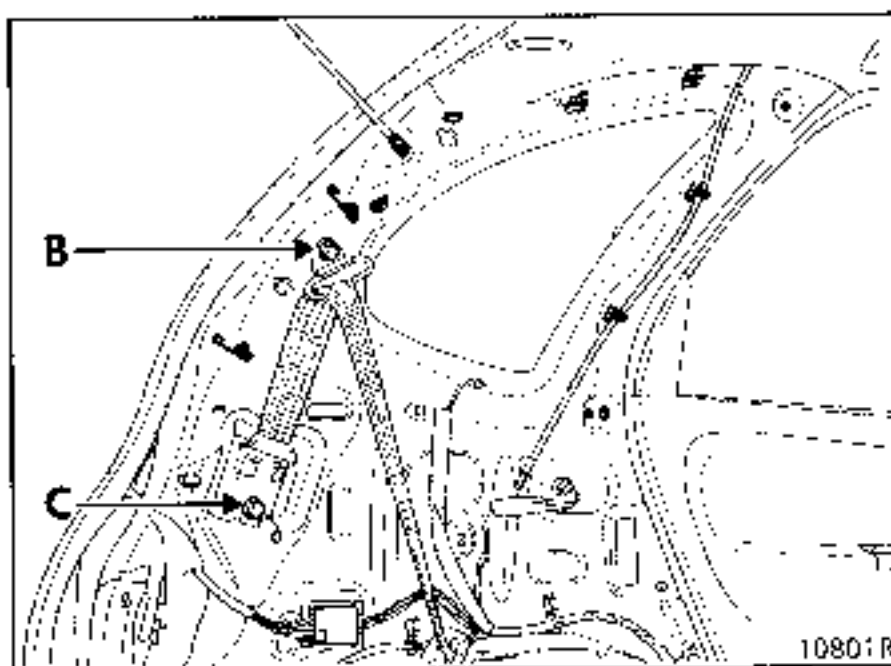
- the centre and side rear shelf (see 74A),
- the rear inner sill upper lining (see 71B),
- the luggage compartment sill lining (see 71D),
- the rear wheel arch lining (see 71A).



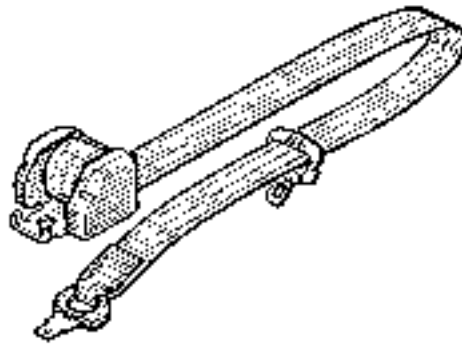
Unclip the strap guide cover (A).

Remove:

- the rear quarter panel lining (see 71C),



- the return bracket mounting bolt (B),
- the inertia reel mounting bolt (C).



PRD5905

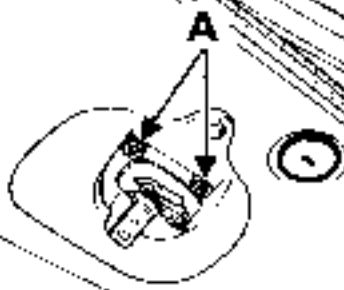
**TIGHTENING TORQUES (in daN.m)**



**Seat belt mounting bolt**

**2.5**

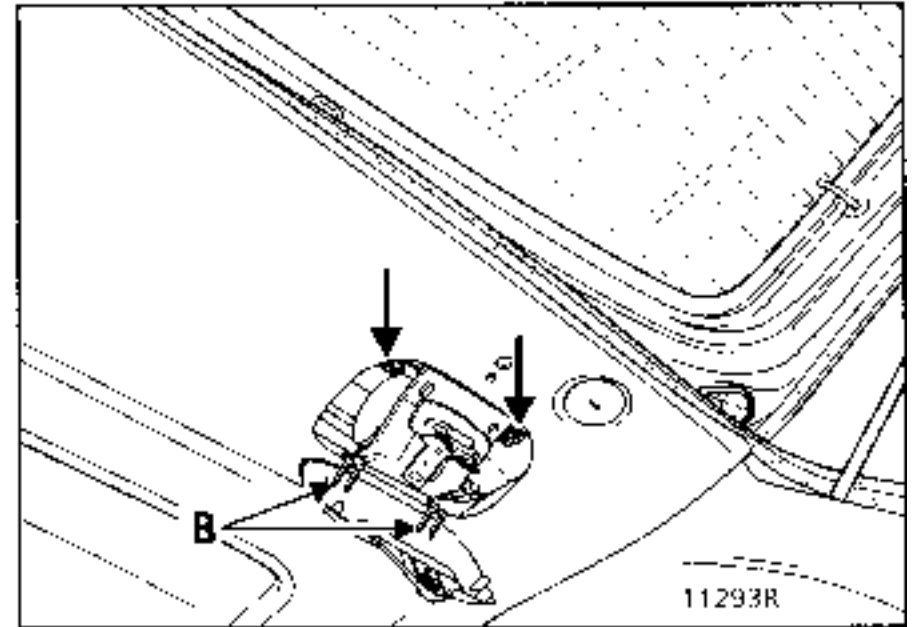
**REMOVAL**



11292R2

Remove the seat belt buckle from the retaining bracket magnet mounted on the lining.

Remove the two mounting bolts (A).



11293R

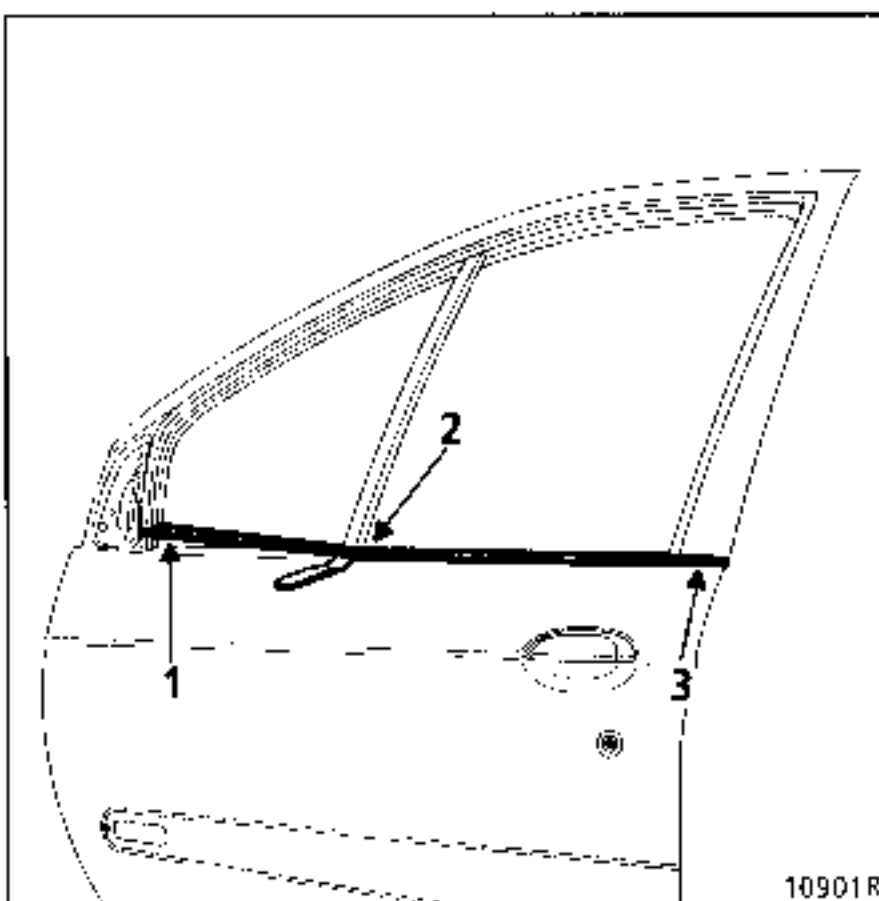
Release the bracket at (B) from its location on the headlining.

Remove the two mounting bolts for the inertia reel.



PRD6601

## REMOVAL

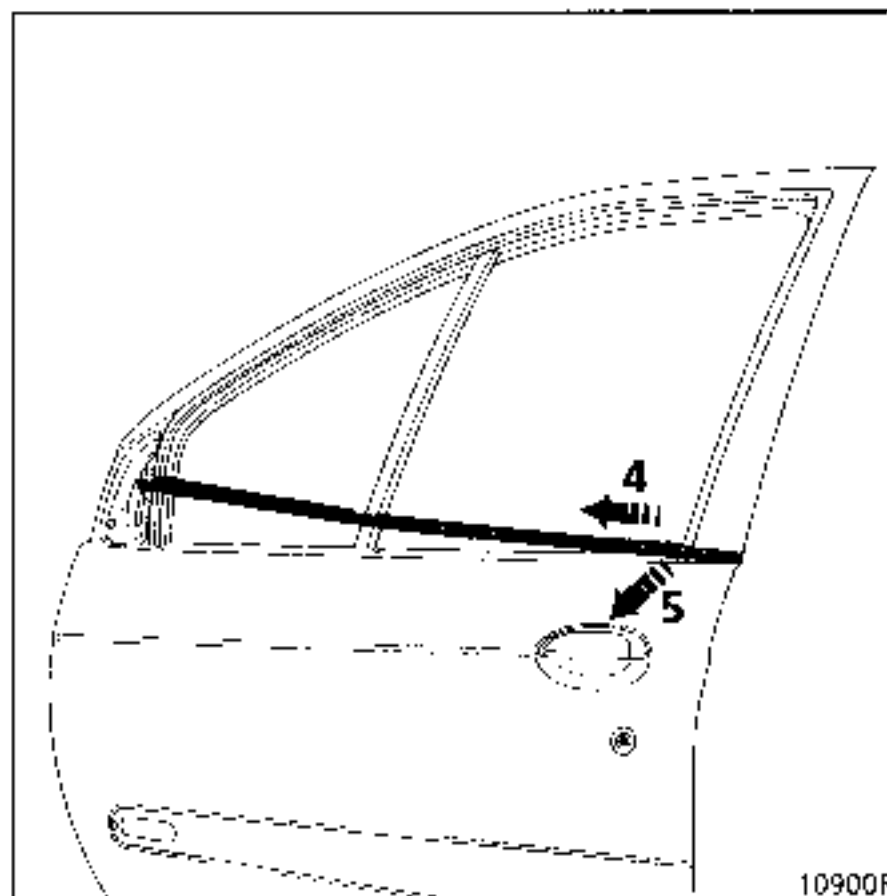


Remove the door exterior rear view mirror.

Using tool Car. 1363 or equivalent (see 50B), release the weatherstrip from the door panel, starting at the front section (1).

Perform this operation up to the rear section (3) of the weatherstrip taking care not to damage the weatherstrip, especially in the area where it touches the fixed pillar (2).

This part of the weatherstrip folds easily, it must therefore be lifted with care in line with the door panel.



The weatherstrip has a lug at the rear which locates in a hole in the door panel.

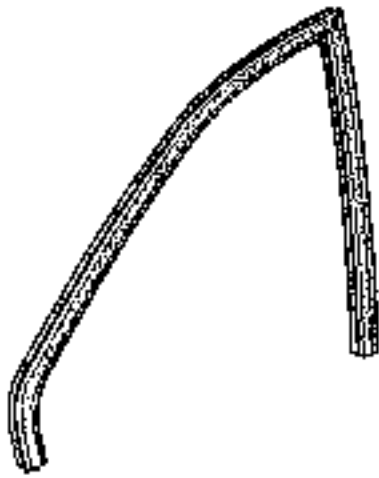
The weatherstrip must therefore be pulled in line with the panel towards the front of the door (4) and the lug released from its location, to remove the weatherstrip (5).

## REFITTING

Fit the rear of the exterior weatherstrip to fit the lug into its locating hole.

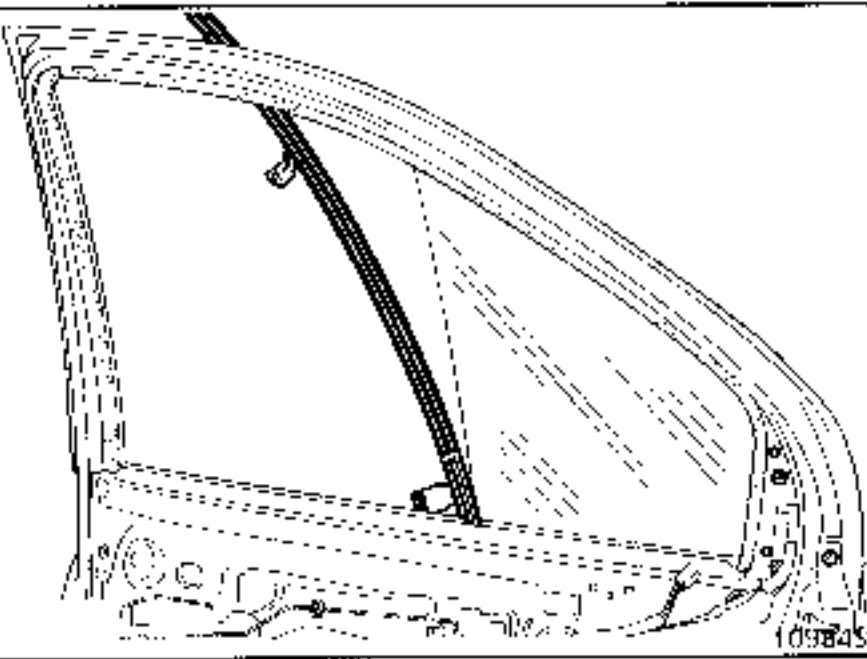
Pull the weatherstrip backwards to ensure it is against the stop at the rear.

Lower the weatherstrip at the front and insert it along its length, taking care not to fold it in the area where it touches the fixed pillar.



PRD6602

### REMOVAL

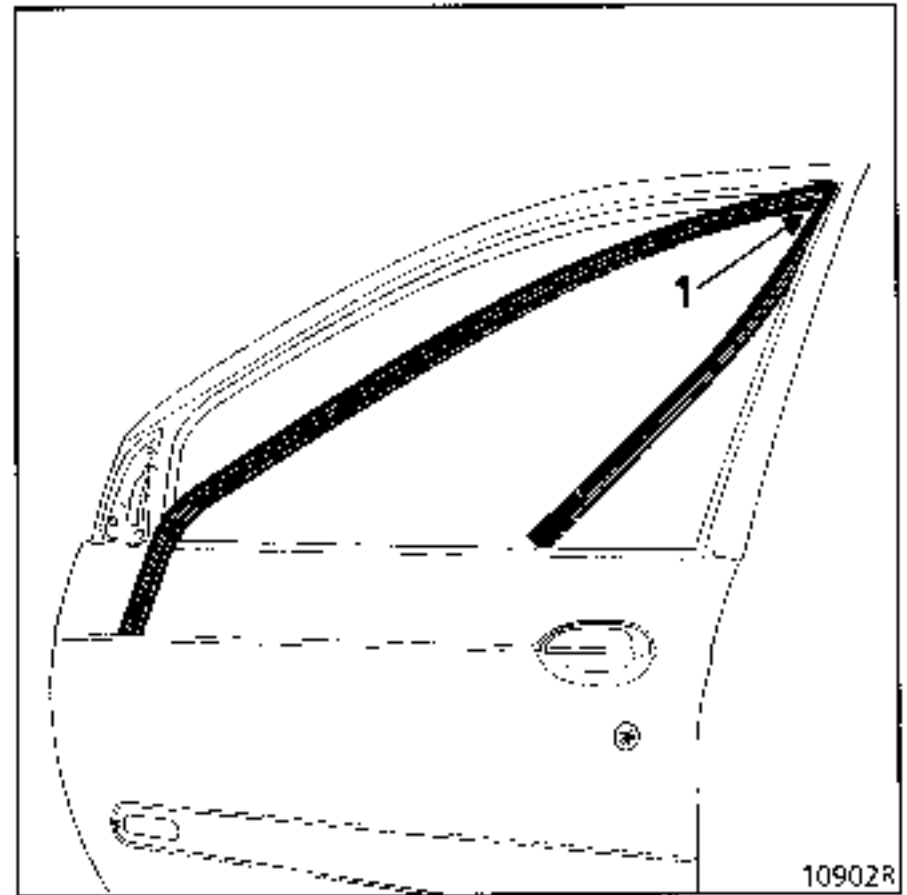


Remove:

- the front door lining (see 72A),
- the interior and exterior weatherstrips (see 66A),
- the sliding window and the fixed pillar (see 54A),
- the fixed window (see 54B).

Remove the guide with care, beginning by releasing the two vertical sections from the door joint.

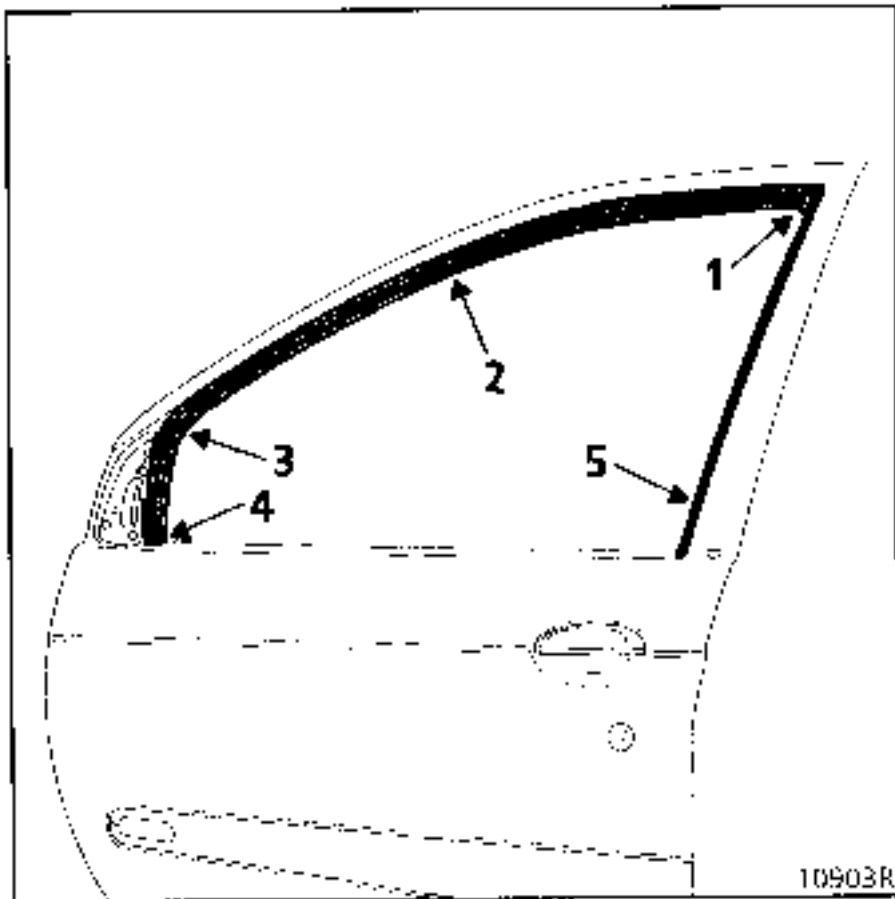
### REFITTING



Fit the moulded corner without forcing it, with reference to the outside of the vehicle (1).

Insert the guide, ensuring good appearance between the guide and bodywork.





Fit the two vertical sections between the exterior and interior weatherstrips.

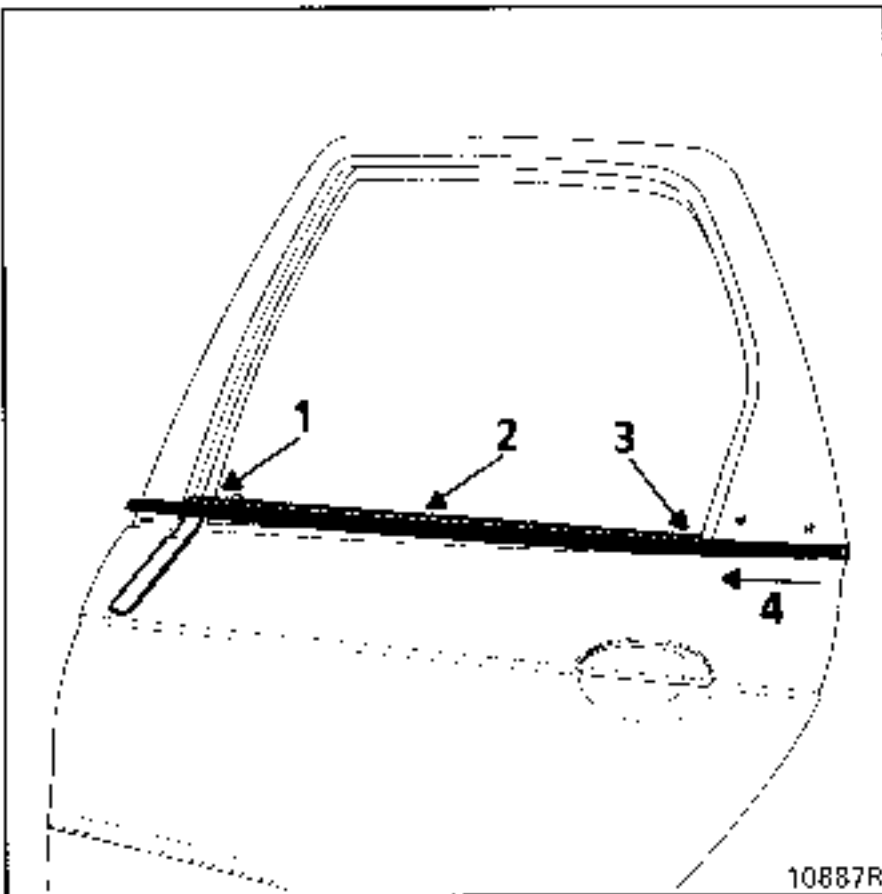
Insert the upper section from (2) to (4) taking care to check the fixed pillar mounting bolt opening (2) is correctly located, and that the guide is correctly positioned in the front corner (4) (rear view mirror zone).

Fit the vertical section from (1) to (5).



PRD6603

## REMOVAL



10887R

Lower the rear door sliding window.

Remove the monogramme mounted on the rear door pillar.

Using tool Car. 1363 or equivalent (see 50B), release the weatherstrip from the door panel, starting at the front section (1).

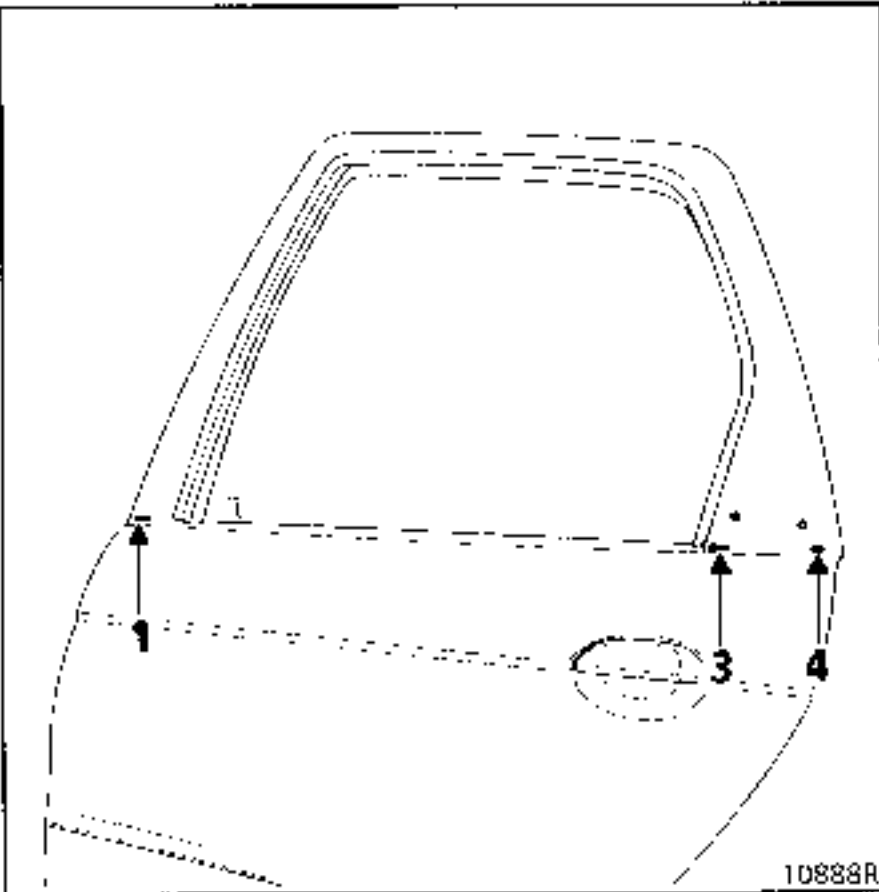
Perform this operation up to the rear section (2) of the weatherstrip taking care not to damage the weatherstrip.

Carefully lift the weatherstrip in the area where it touches the rear door pillar to release the retaining pin (3).

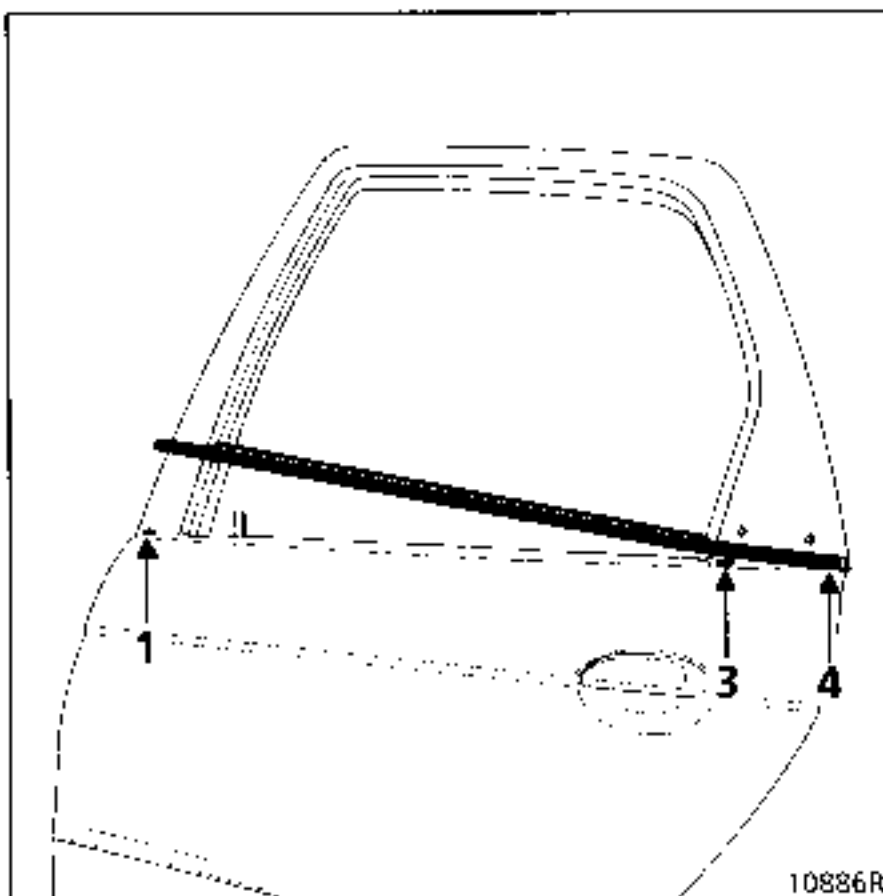
Pull the weatherstrip forwards to release the lug (4) from its location on the pillar.

Remove the weatherstrip.

REFITTING



The weatherstrip is secured at each end by two pins (1) and (3), together with a lug which is an integral part of the weatherstrip and locates in hole (4).

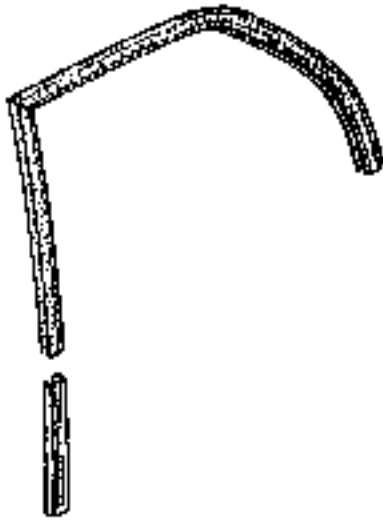


Fit the rear of the exterior weatherstrip to fit the lug into its locating hole (4).

Pull the weatherstrip backwards to ensure it is against the stop at the rear.

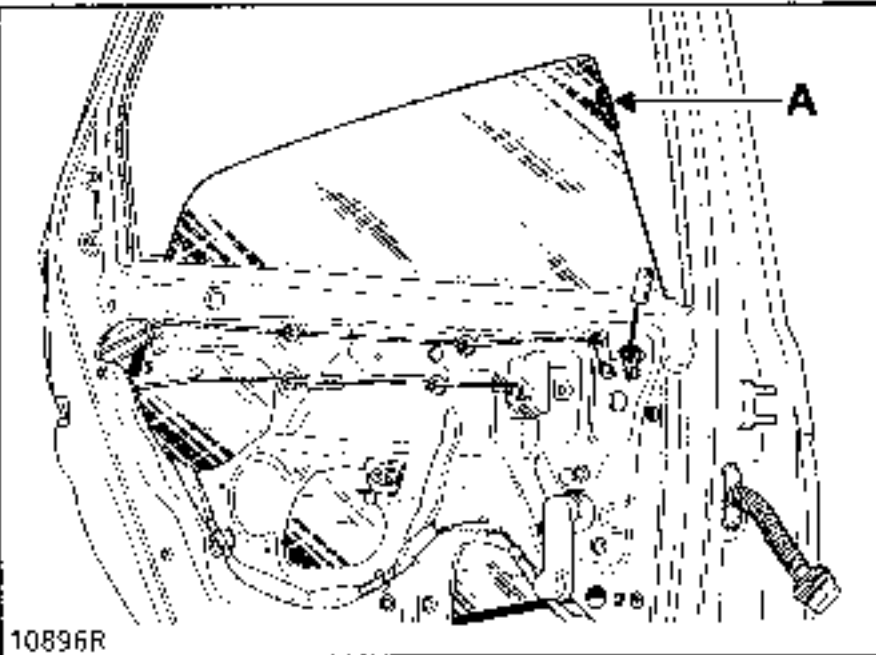
Lower the weatherstrip into position, to fit the locating pin (3).

Finish by inserting the weatherstrip along its length up to the locating pin (1) taking care not to fold the weatherstrip at the two ends.



PRD6604

## REMOVAL



10896R

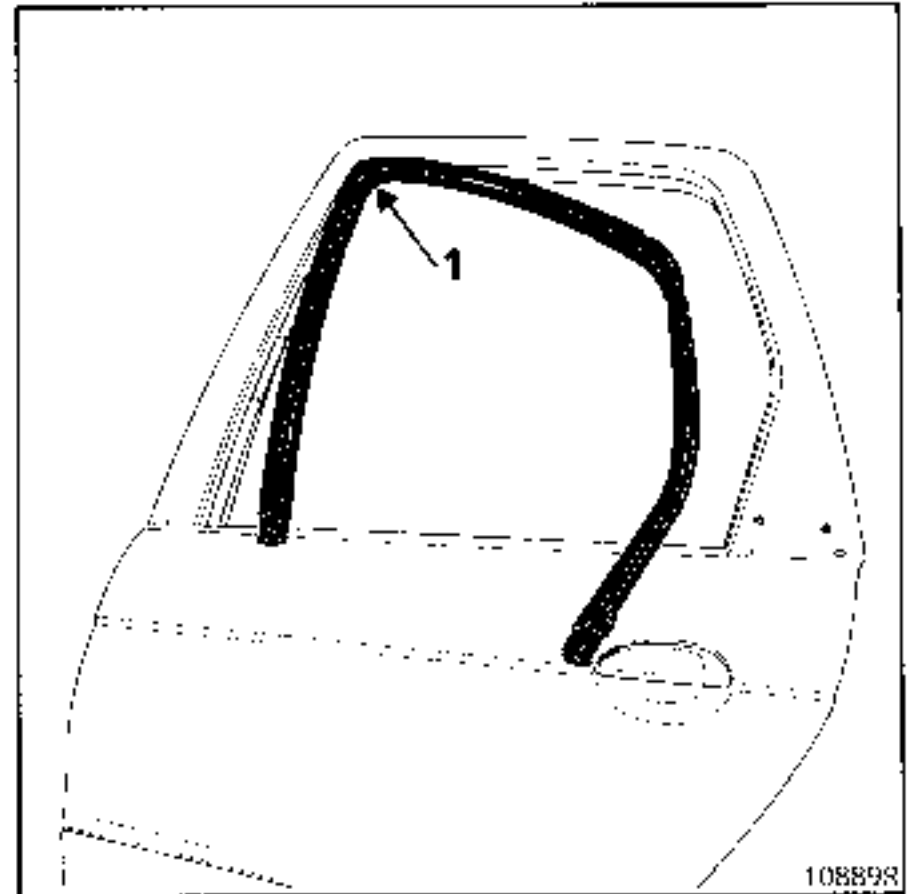
Remove:

- the rear door trim (see 72B),
- the rear door interior and exterior weathers-trips (see 66C).

Release the window pad from the slider (A).

Remove the guide with care, beginning by releasing the two vertical sections from the door joint.

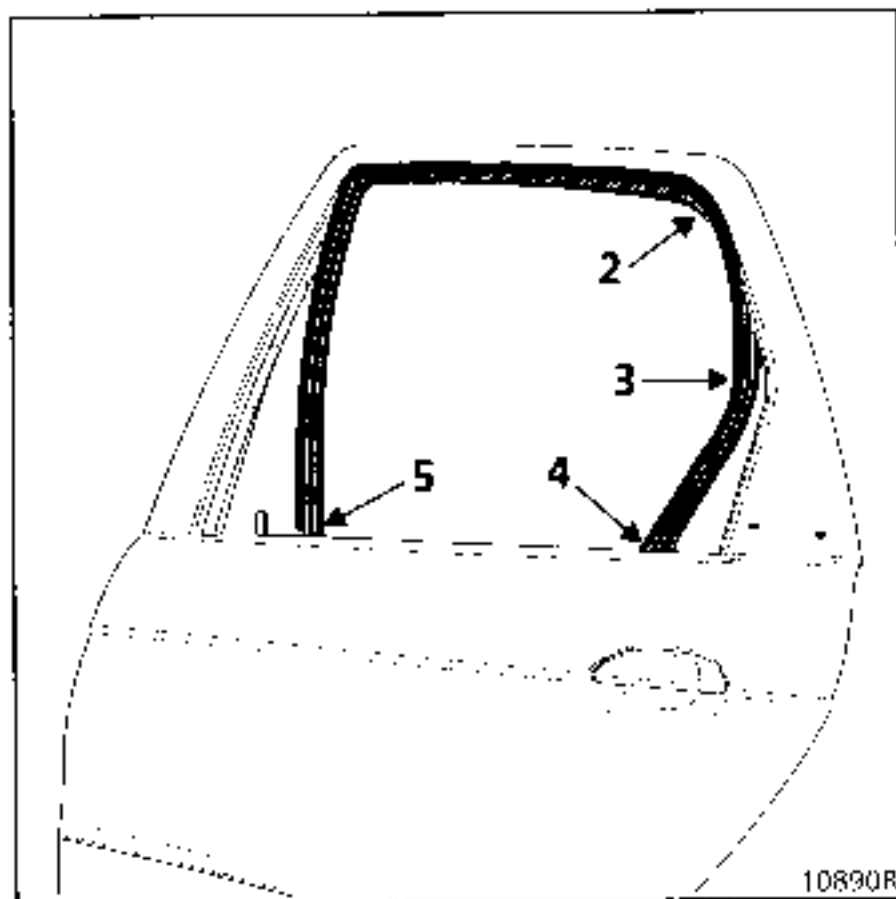
## REFITTING



108898

Insert the moulded corner without forcing it, with reference to the outside of the vehicle (1).

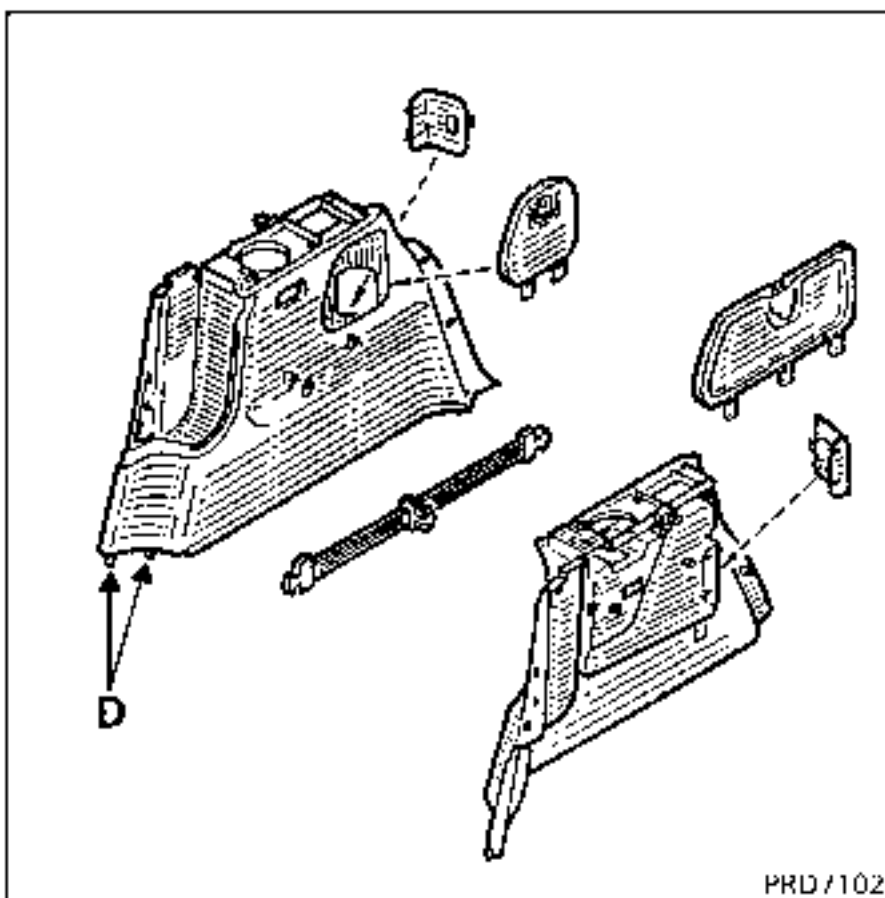
Insert the guide, ensuring good appearance between the guide and bodywork.



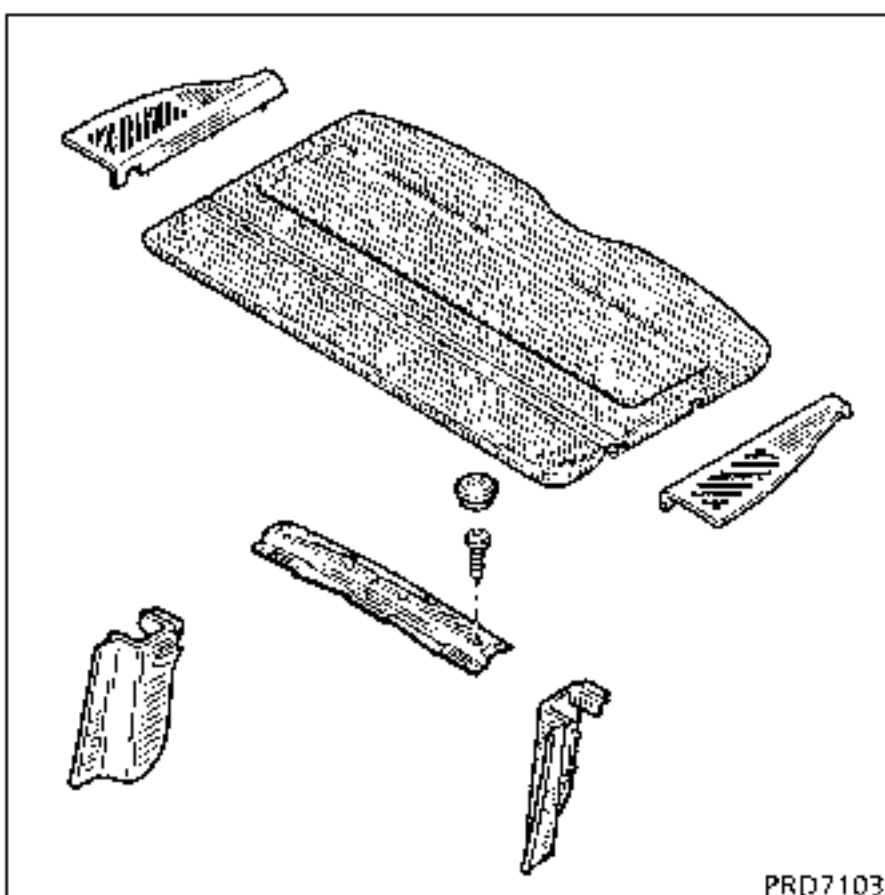
Insert the two vertical sections between the interior and exterior weatherstrips.

Insert the upper section from (2) to (4) taking care to ensure the guide is correctly positioned in the corners (2) and (3) (rear view mirror zone).

Fit the vertical section from (1) to (5).



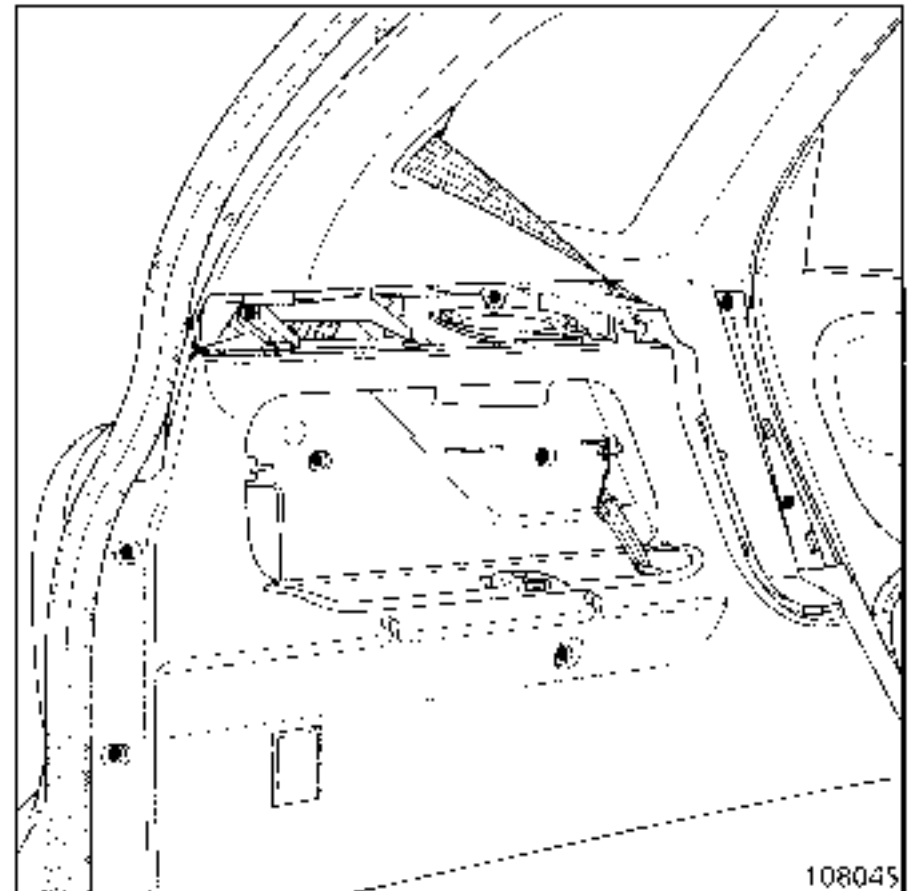
- 1 Left hand lining
- 2 Right hand lining



**Remove:**

- the centre and left hand side rear shelf (see 74A),
- the rear inner sill upper lining (see 71B),
- the luggage compartment sill lining (see 71D),
- the luggage compartment seal (only in the area where it touches the lining to be removed).

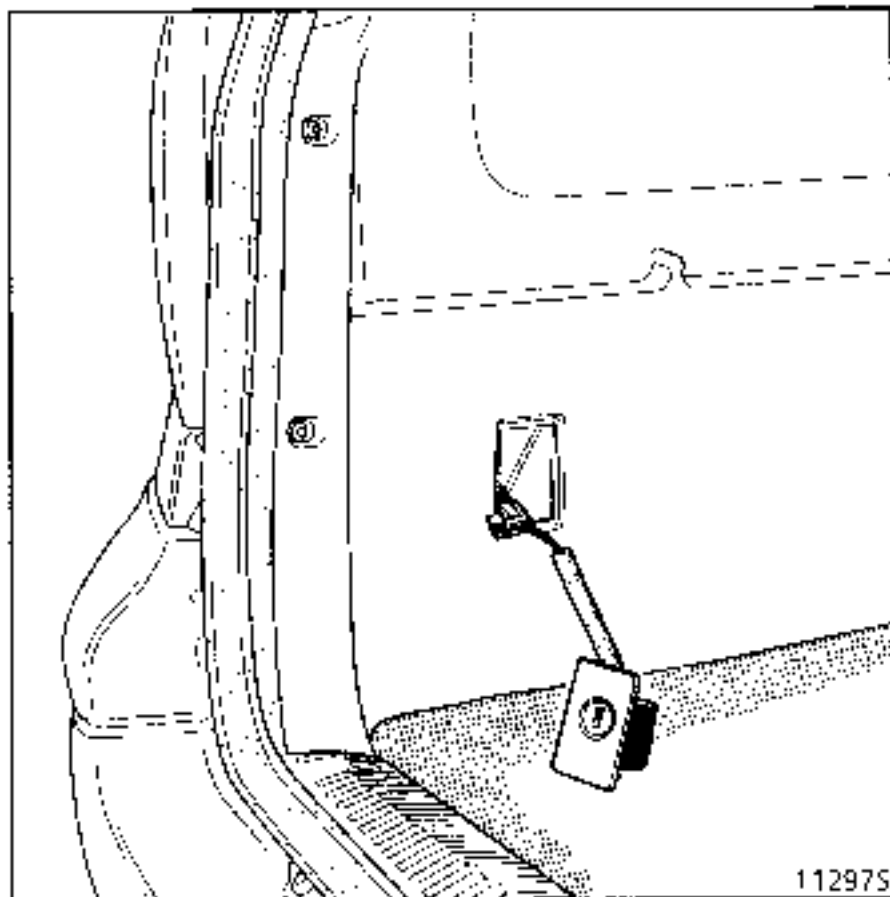
**REMOVING THE LEFT HAND SIDE LINING (1)**



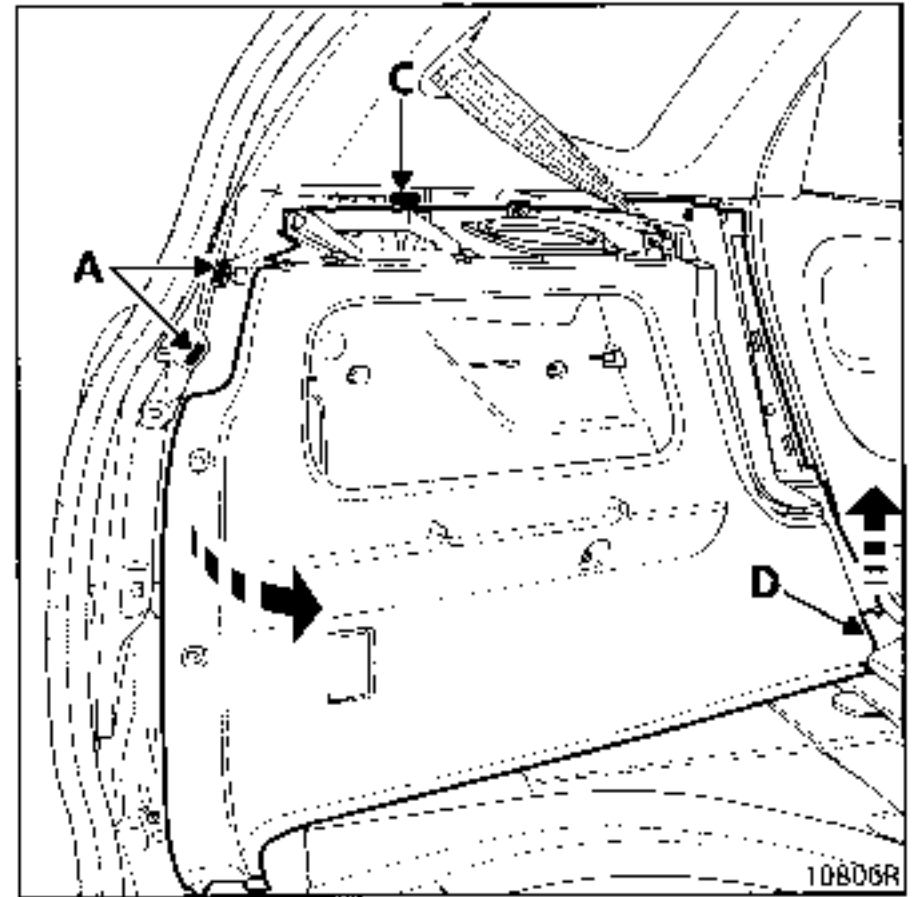
Open the storage cover and remove the retaining strap (A).

To do this, turn each bracket mounted on the lining through a quarter turn and pull the brackets to remove them from their locations.

Remove the 9 bolts (Torx 20) mounting the trim to the rear wing lining.



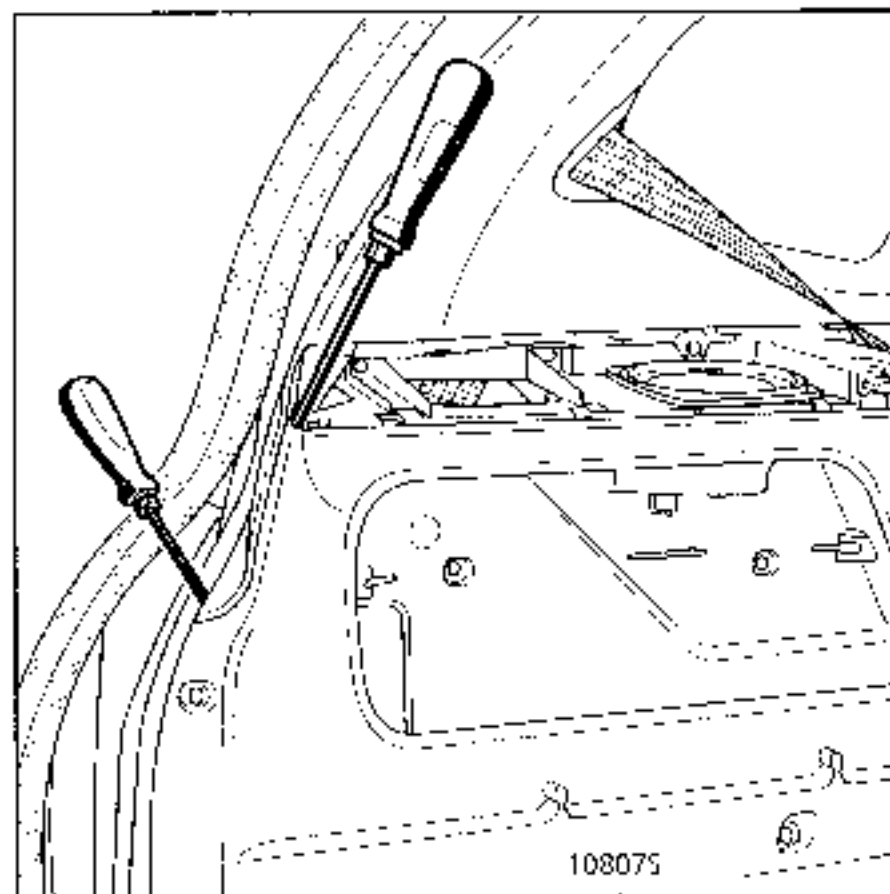
If the vehicle has an alarm system integral in the vehicle, remove the mounting plate for the alarm lock and disconnect its connector.



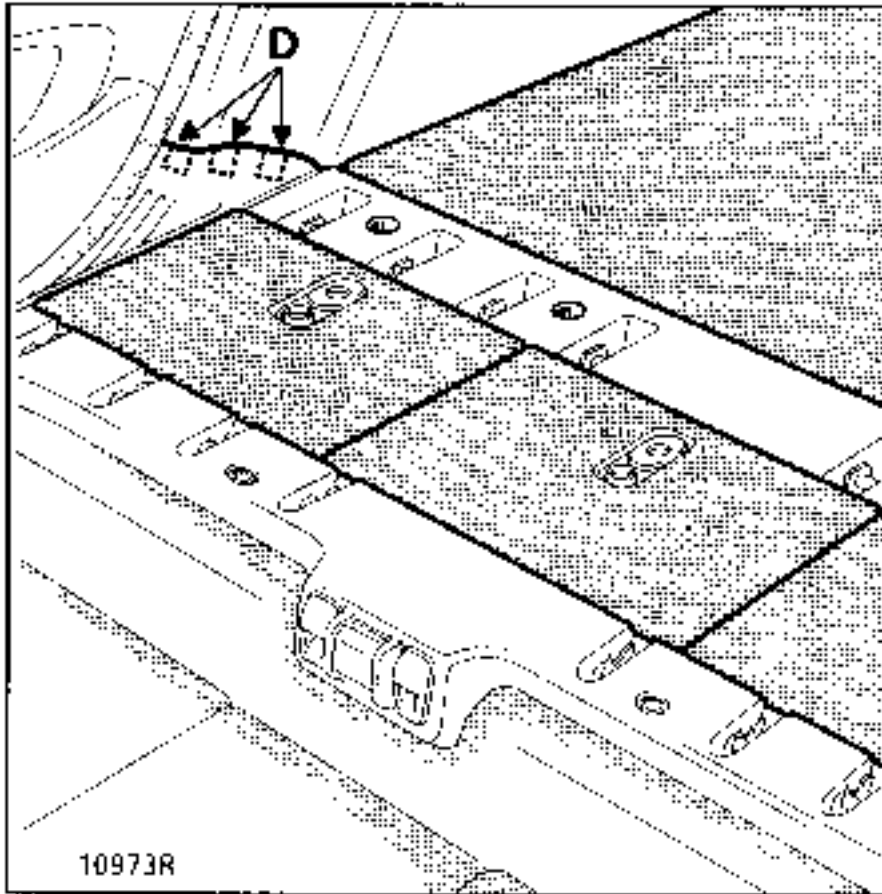
Gently move the lining to one side at the rear to release the two centring devices (C) from their locations on the rear quarter panel lining.

Disconnect the speaker connector.

Pull the lining upwards to release the three retaining clips (D) located in the rear inner sill lining.

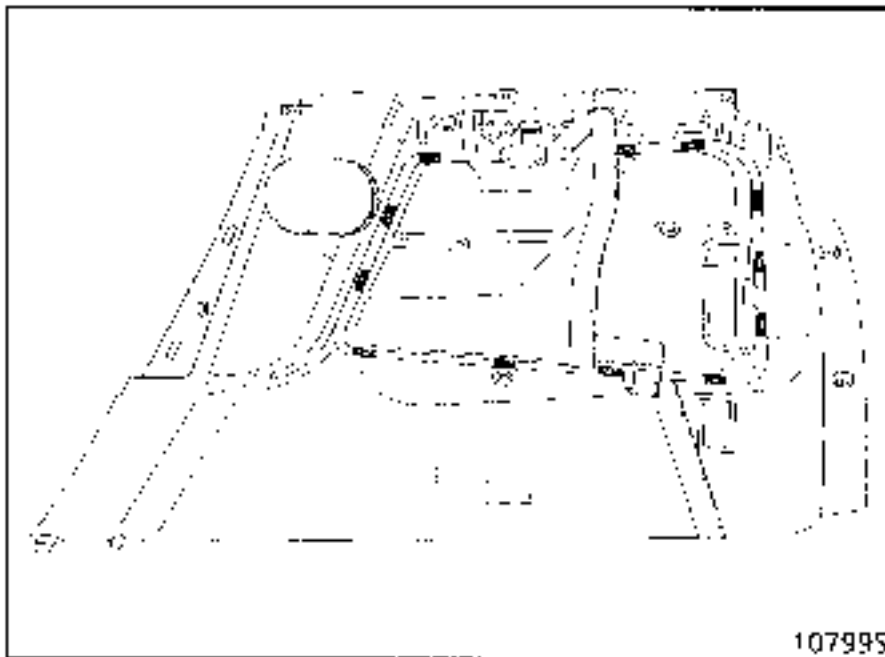


Using two flat blade screwdrivers, unclip the lining at the rear, as shown above, to release it from the two locations (A) on the rear quarter panel lining (see opposite).



Position of the three clips (D) in the rear section of the inner sill lining.

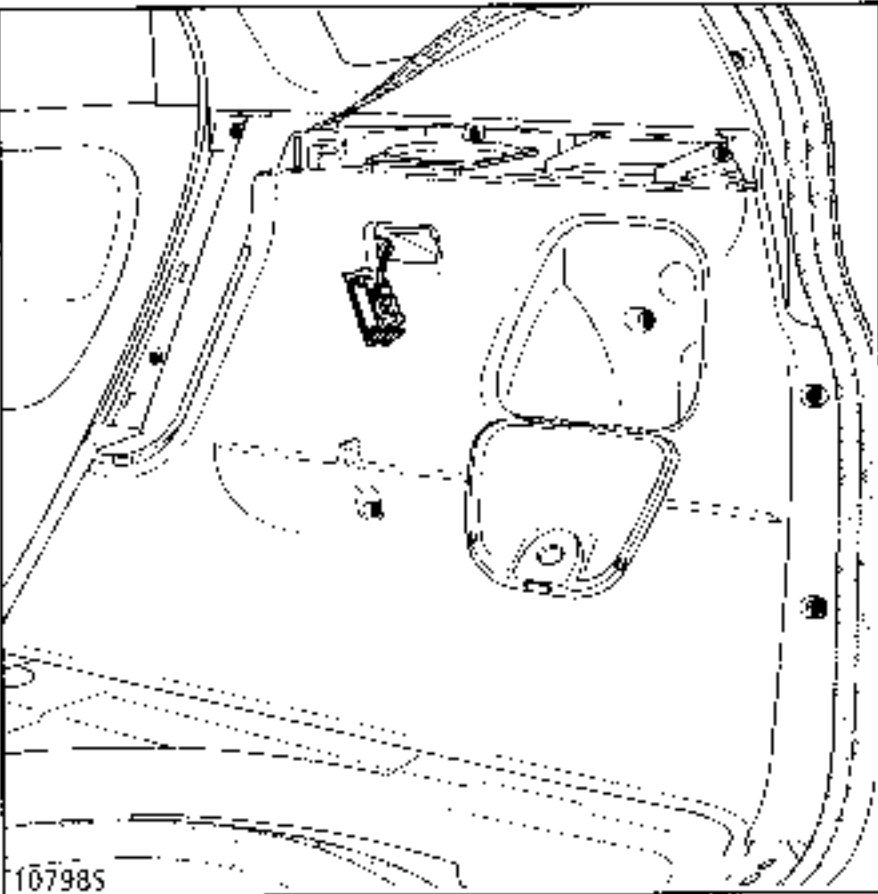
**Trim section on rear wing lining side.**



The storage tray is separate and is clipped to the lining.



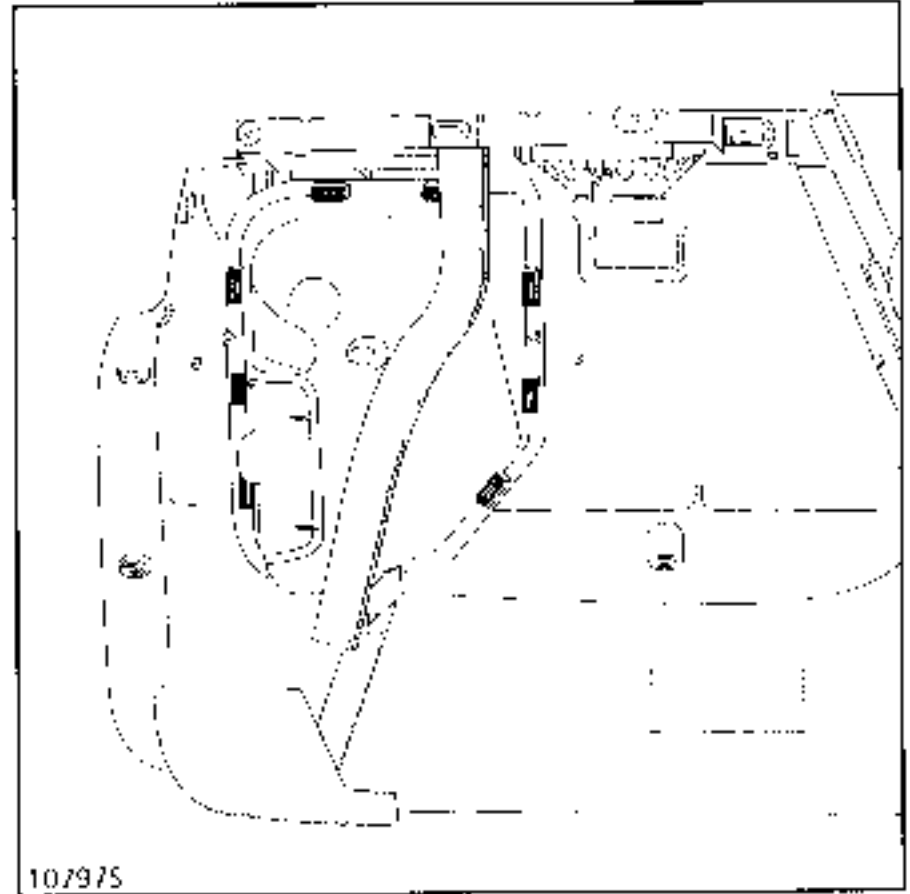
## REMOVING THE RIGHT HAND LINING (2)



Open the inspection cover and unclip the luggage compartment light to disconnect its connector.

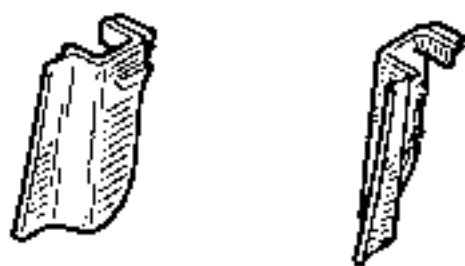
Remove the 8 bolts (Torx 20) mounting the trim to the rear wing lining.

Trim section on rear wing lining side.



Removal is then the same as for the left hand side.

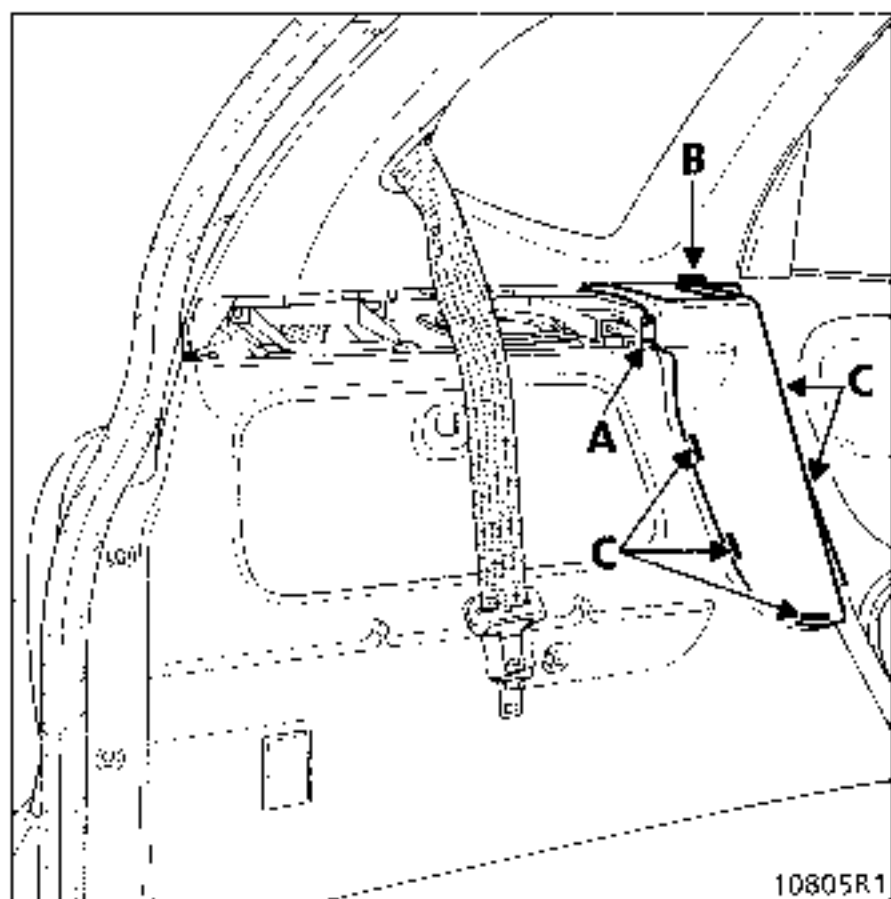
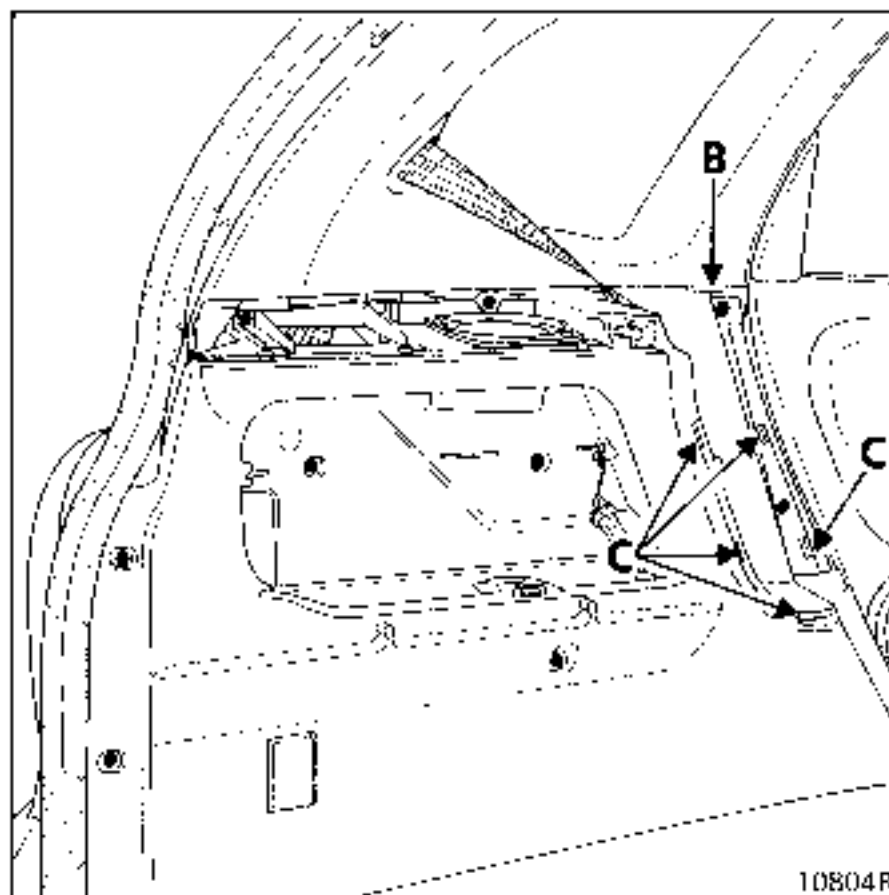
The storage tray is separate and is clipped to the lining.



PRD7104

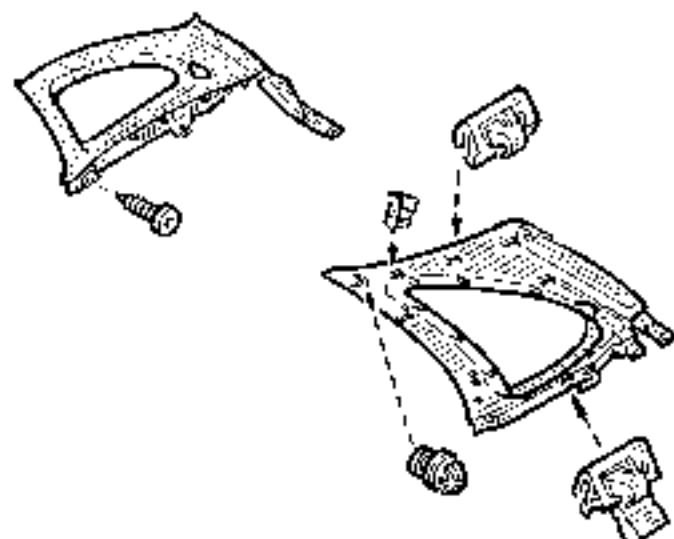
## REMOVAL

Location of clips (B) and (C) on the rear wheel arch lining

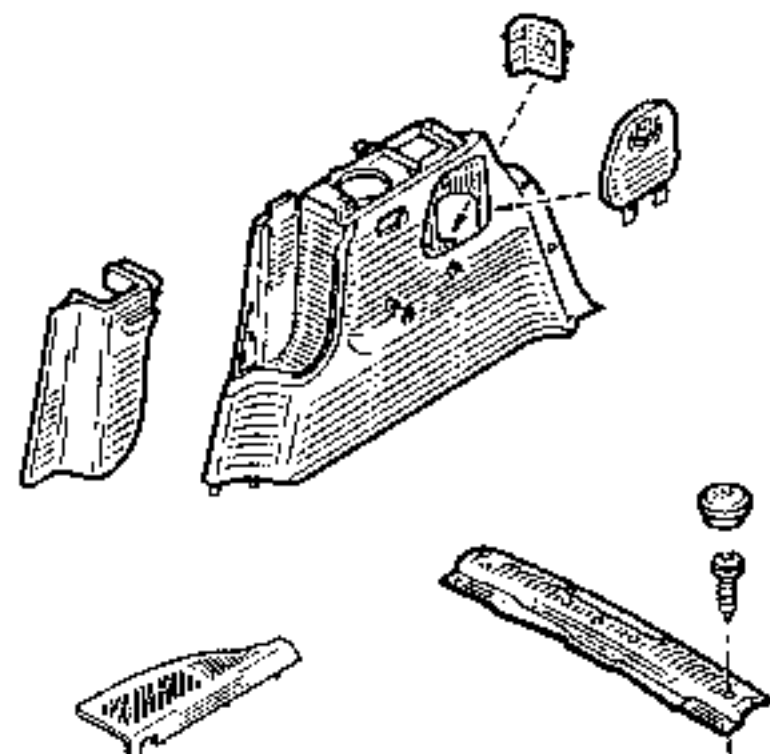


Using a flat blade screwdriver, unclip the lining at (A).

Unclip the upper section of the lining at (B), then the lower section at (C).

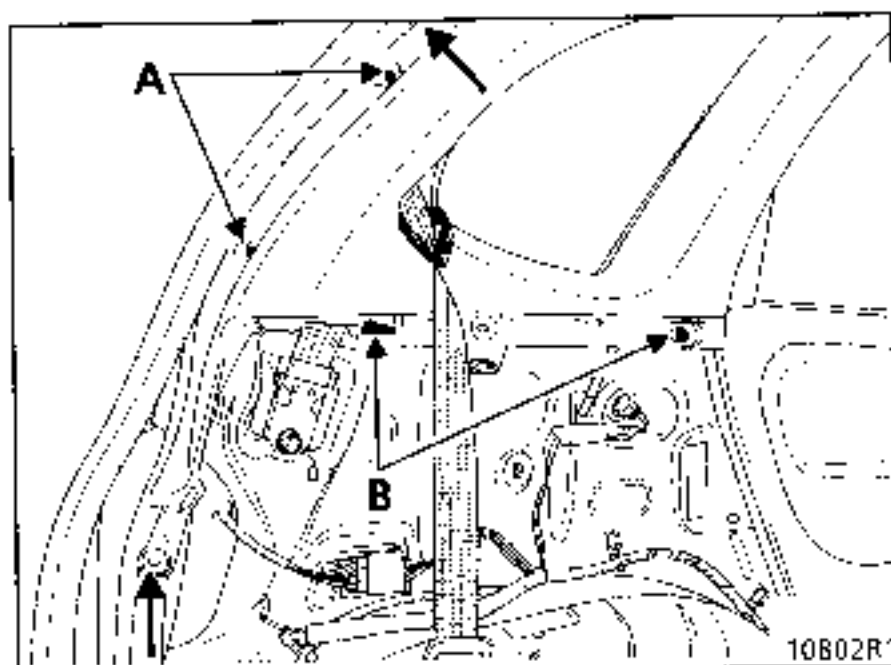


## REMOVAL



### Remove:

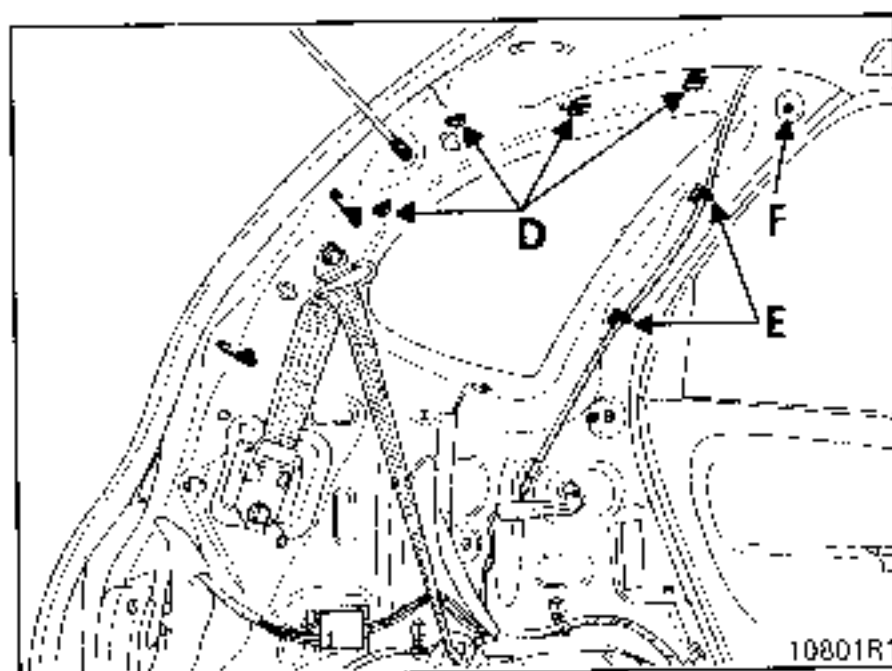
- the centre and left hand side rear shelf (see 74A),
- the rear inner sill upper lining (see 71B),
- the luggage compartment sill lining (see 71D),
- the rear wheel arch lining (see 71A),



- the two upper rear mounting bolts (A) (Torx 20) and release the two centring devices (B) from their locations on the wing lining.

The lower rear mounting bolt is removed beforehand when removing the rear wheel arch lining.

Pull the lining at (C) to release the mounting for the tailgate balancer through the slot provided for this purpose.



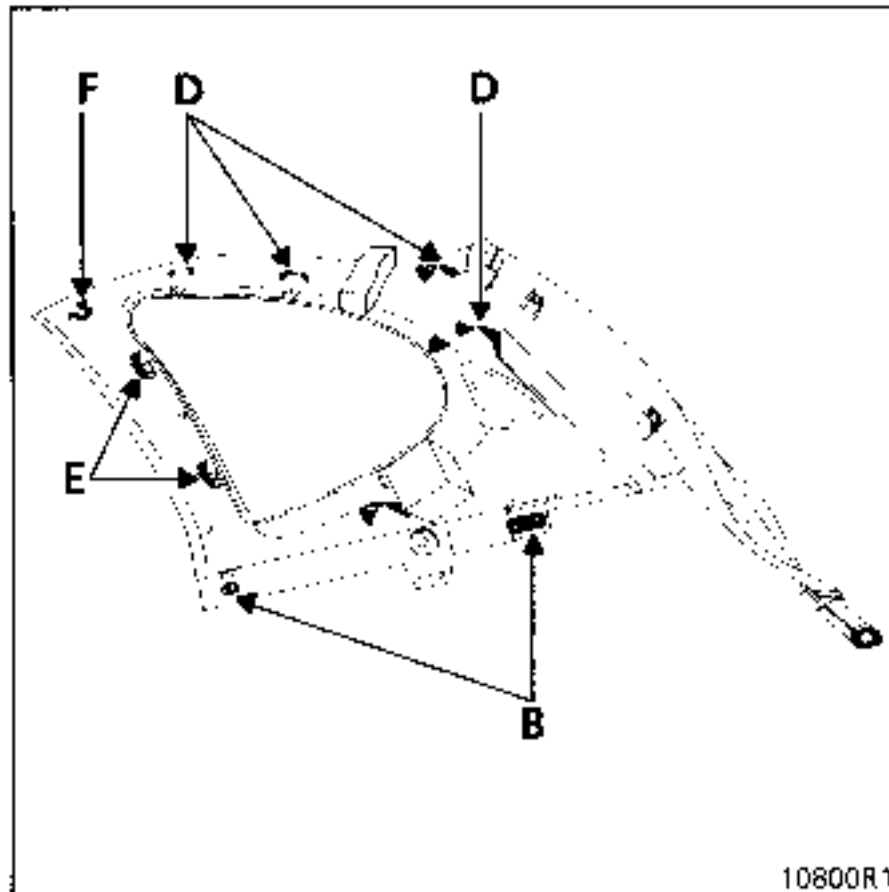
Carefully separate the lining at the rear to release the clips (D).

Carefully release the lining from the two front retaining clips (E).

Pull the lining towards the rear of the vehicle to remove pin (F) from its location on the lining.

## REFITTING

Trim section on rear quarter panel lining side



Refit the lining in the order given below:

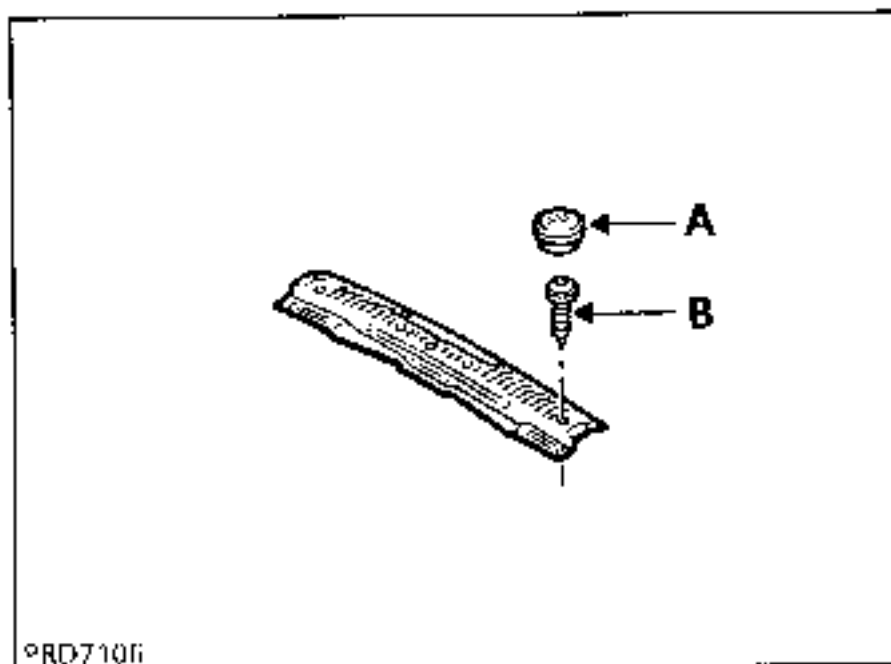
- pin (F),
- brackets (E),
- brackets (D).

Release the tailgate balancer via slot (C).

Refit:

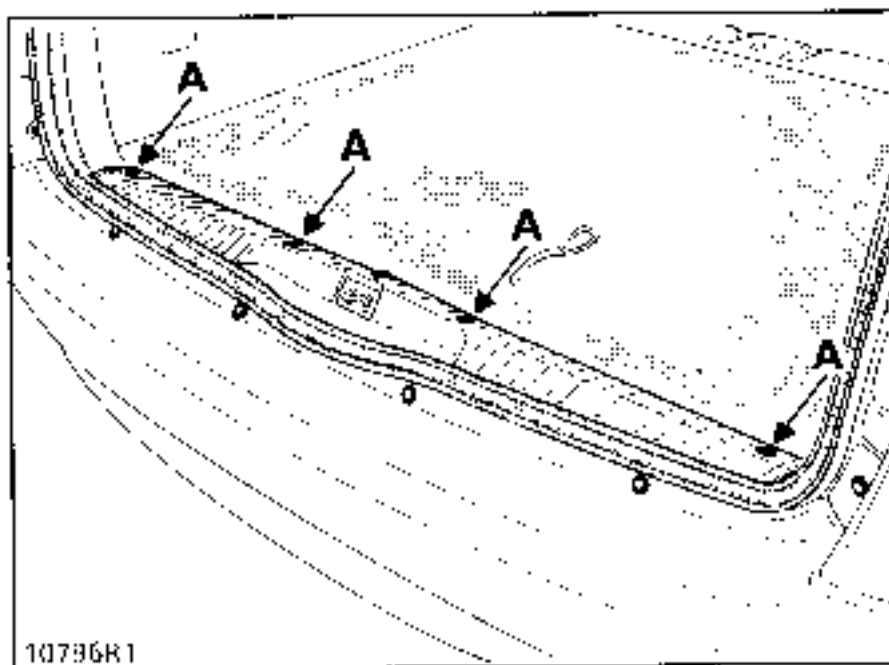
- the centring devices (B),
- the mounting bolts (A).

**NOTE :** the retaining clips are very fragile and break easily. The order of operations given above must therefore be strictly observed.



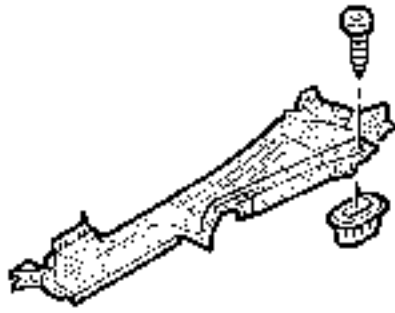
## REMOVAL

Partially remove the luggage compartment seal.



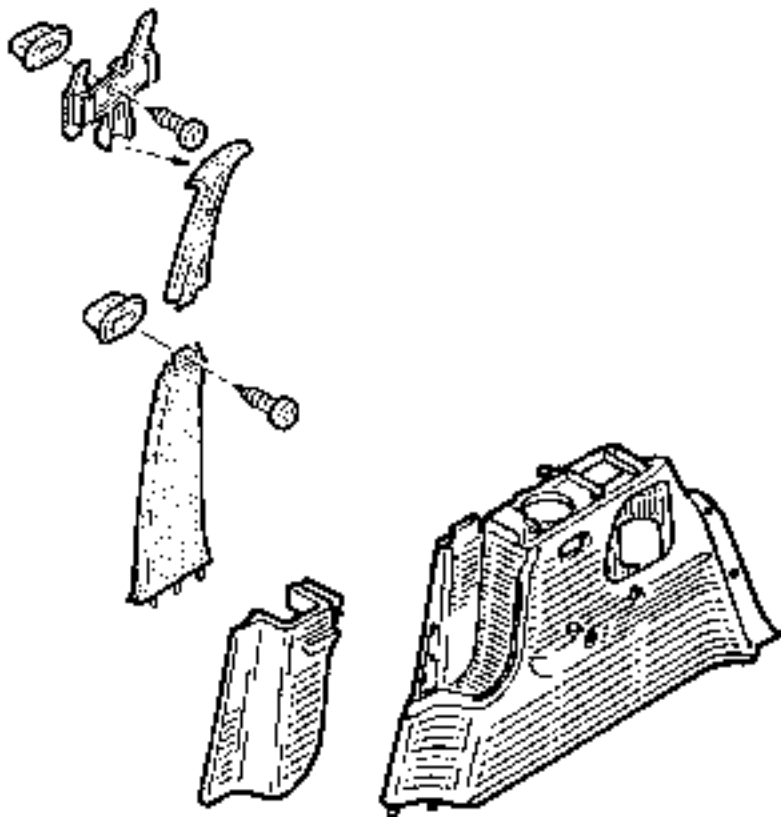
Using a ball of mastic or a flat blade screwdriver, remove the mounting bolt cover (A) for the lining.

Remove the bolts (Torx 20) (B) and remove the lining from its location.



PRD7111

## REMOVAL

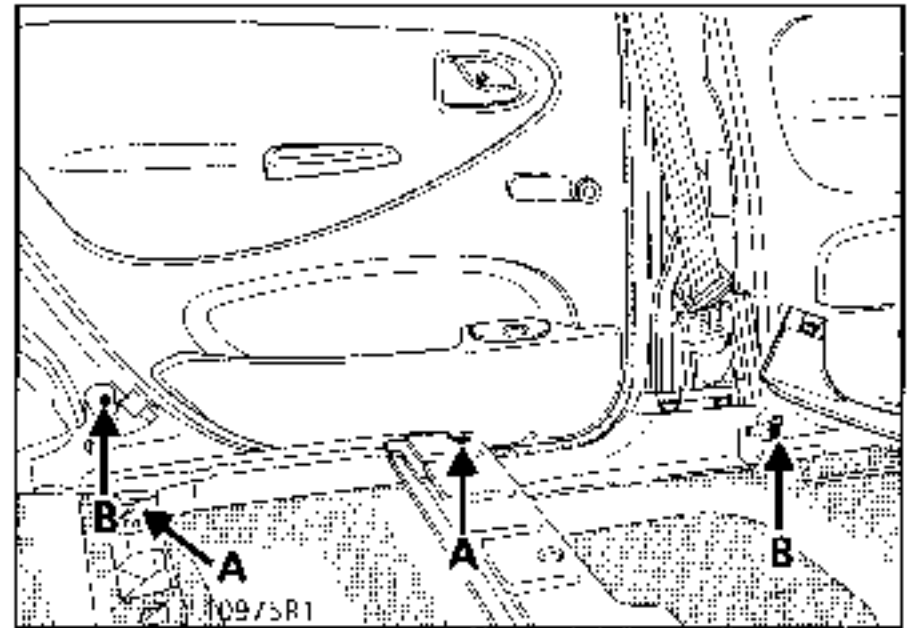


PRD7112

### Remove:

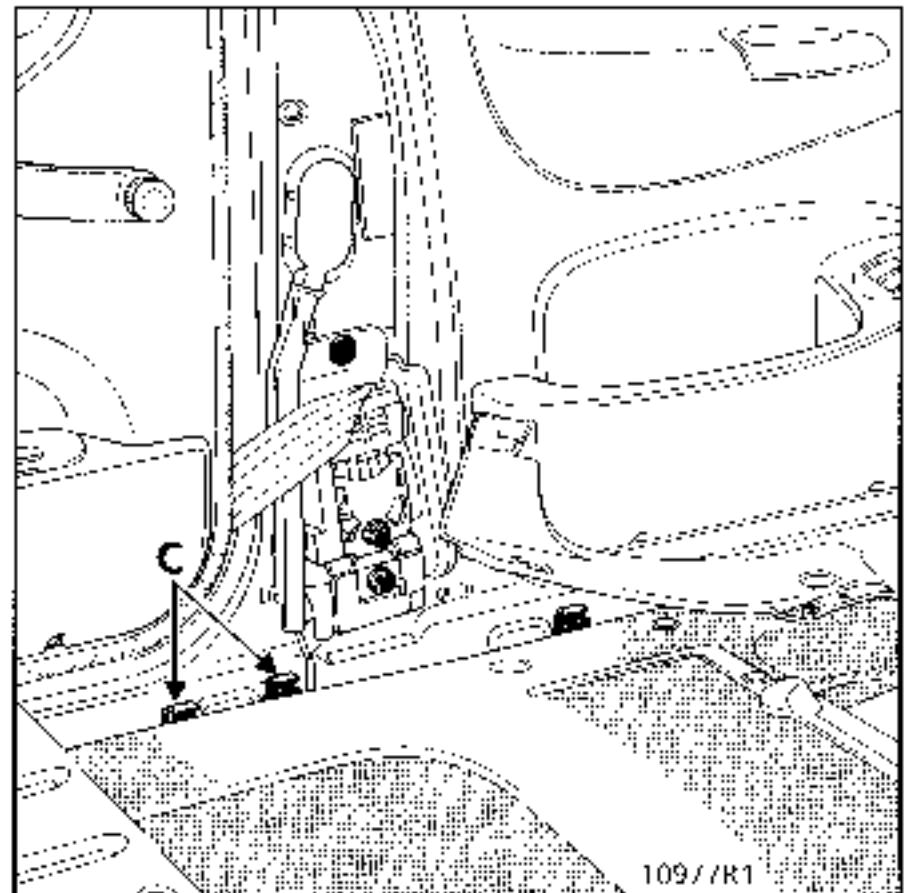
- the upper centre pillar lining (see 71E),
- the lower centre pillar lining (see 71F),
- the rear inner sill upper lining (see 71B),
- the rear wheel arch lining (see 71A).

Partially unclip the rear section of the front inner sill lining.

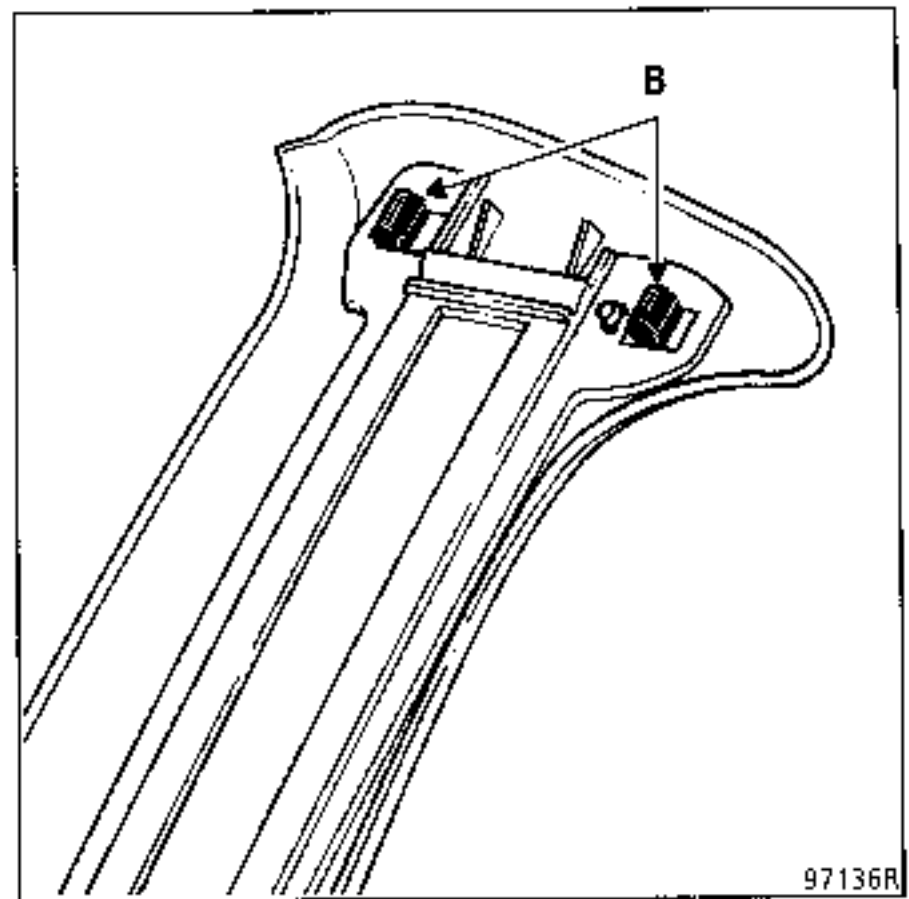
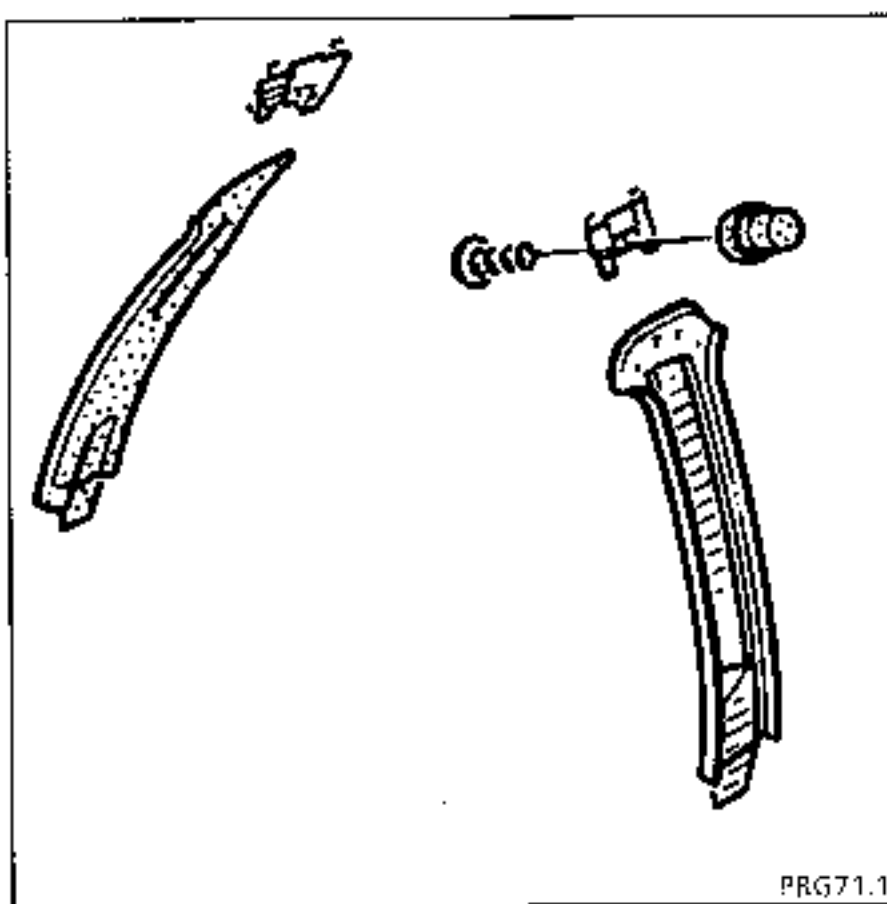


### Remove :

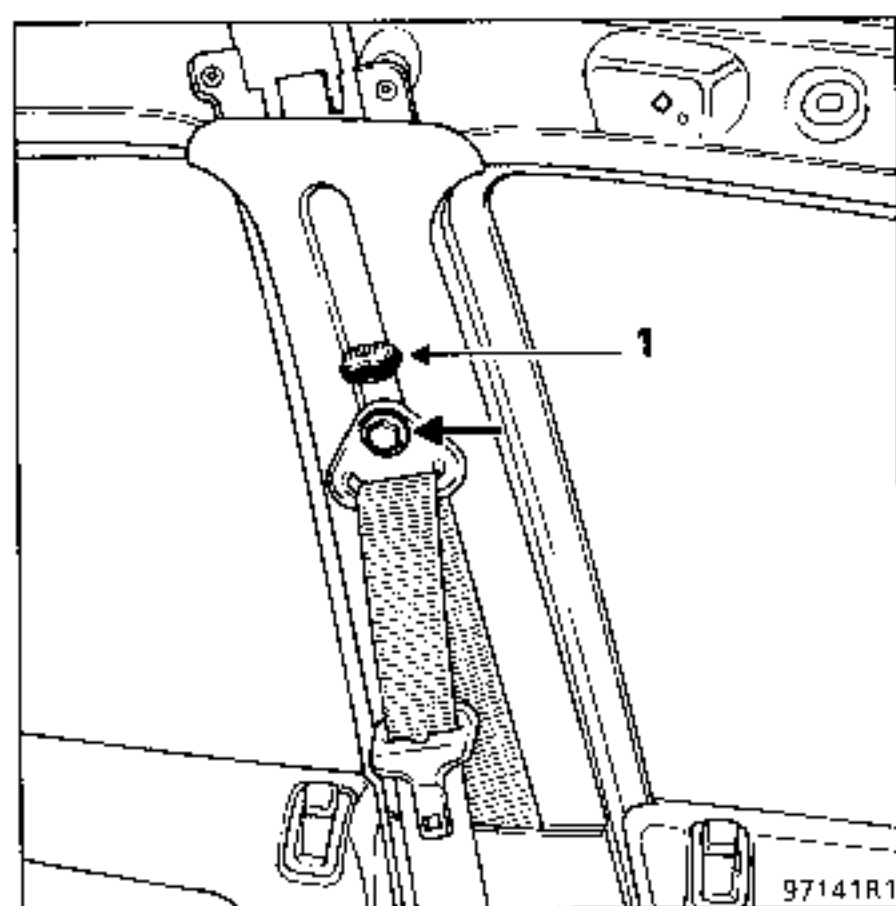
- the mounting bolt (A) for the front and rear linings on the rear seats covers,
- the two mounting bolts (B).



Unclip the lining at (C) along its complete length.



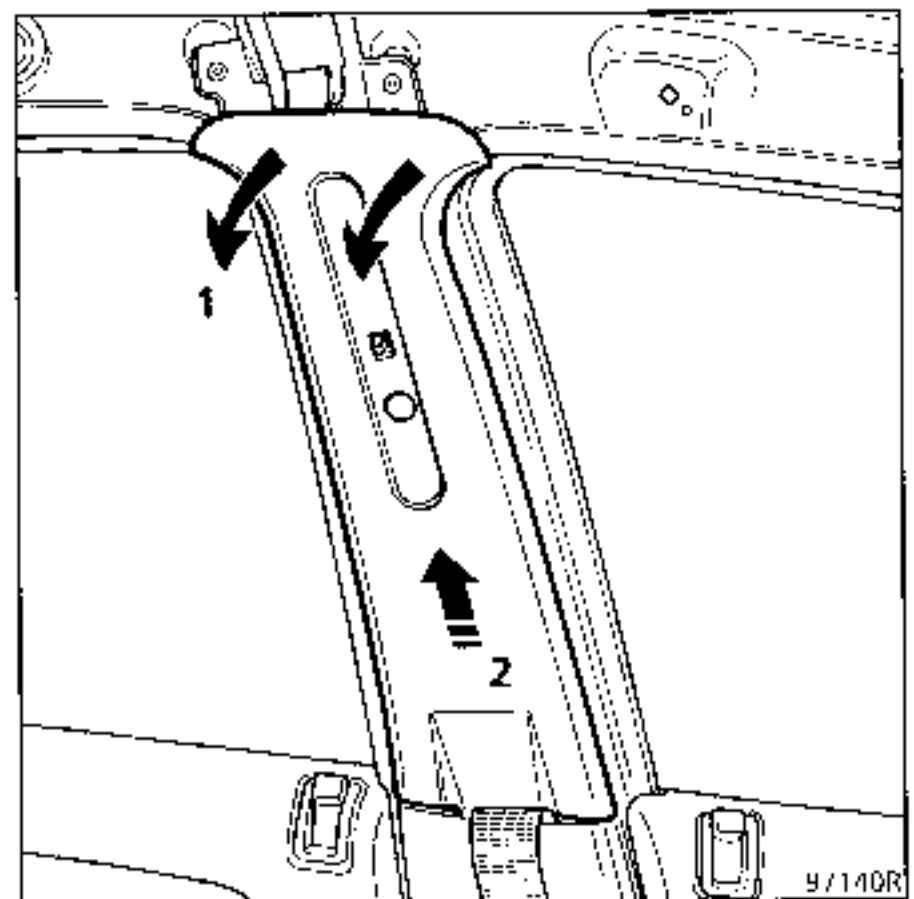
## REMOVAL



### Remove:

- part of the door seals at the points concerned,
- the upper seat belt mounting cover,
- the adjusting button (1),
- the upper seat belt mounting bolt (17 wrench).

Unclip the upper part of the lining (inner view) (B).

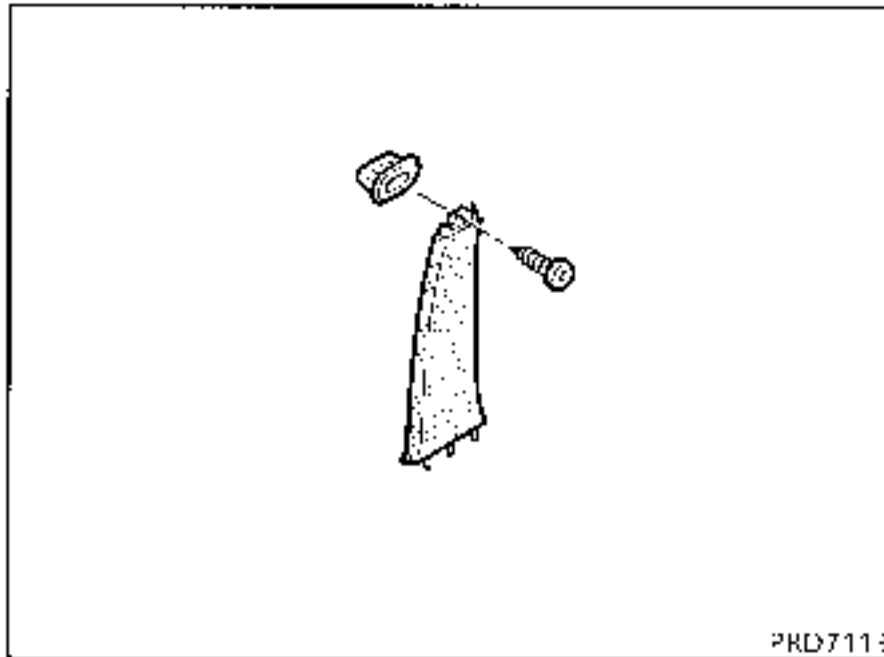


Remove the lining upwards.

## REFITTING

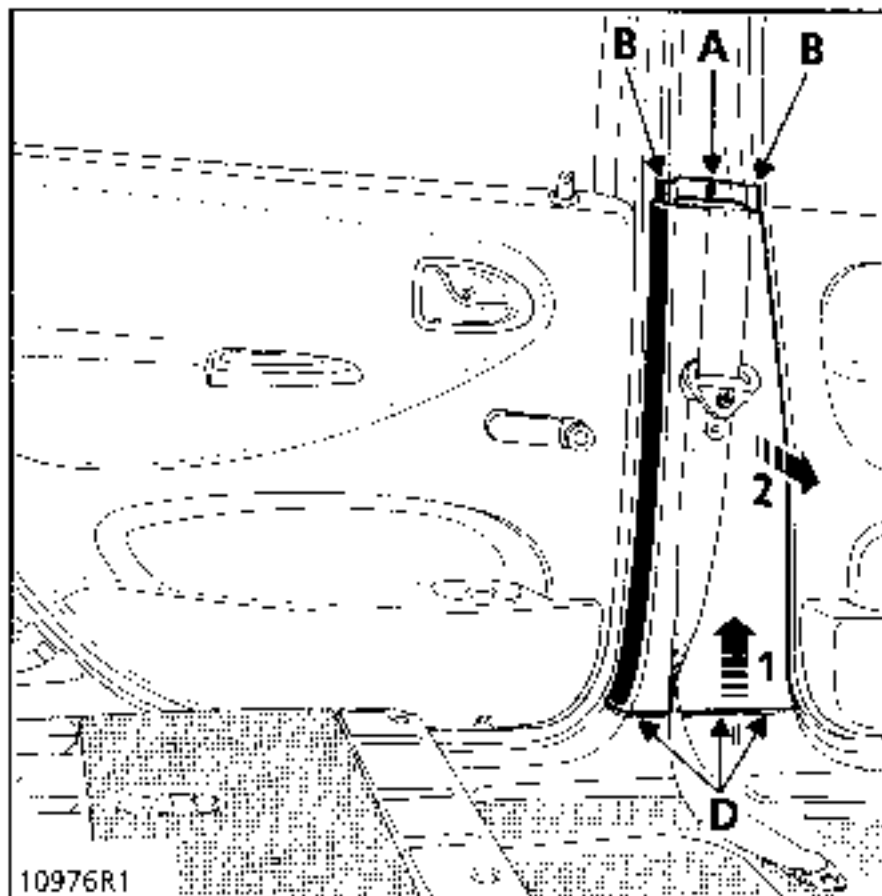
When refitting the lining, the height adjustment mechanism with its cover must be set in the low position on the lining.

## REMOVAL



Remove:

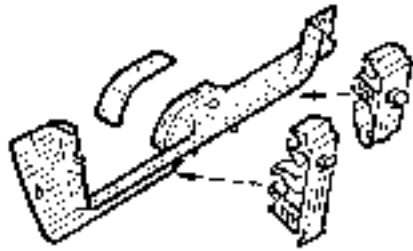
- the upper centre pillar lining (see 71F),



- the mounting bolt (A) and separate the two brackets (B) to release the seat belt strap.

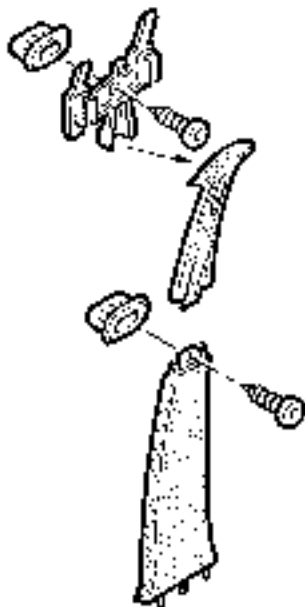
Pull the lining upwards, to release the three brackets (C) from their locations on the front and rear inner sill linings.





PRD7115

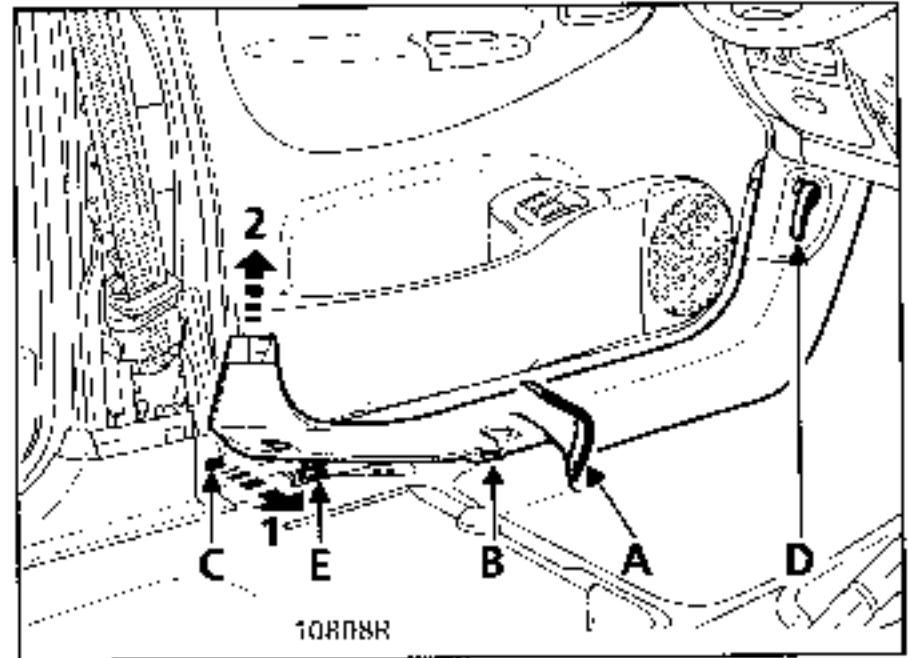
## REMOVAL



PRD7114

### Remove:

- the front door frame seal,
- the upper centre pillar lining (see 71F),
- the lower centre pillar lining (see 71G).

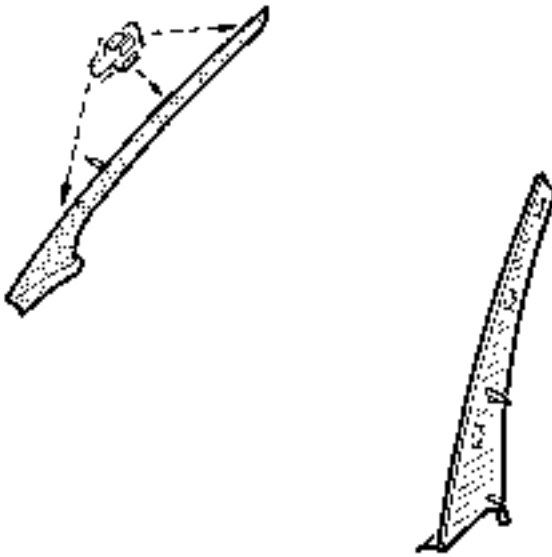


### Unclip:

- cover (A) so that mounting bolt (B) may be removed,
- the lining from the overlapped area (C) with the rear inner sill lining,
- the bonnet release control (D),
- the lining along its length from the back to the front to release the retaining clips (E).

Release the lining at the bonnet release control and remove it.

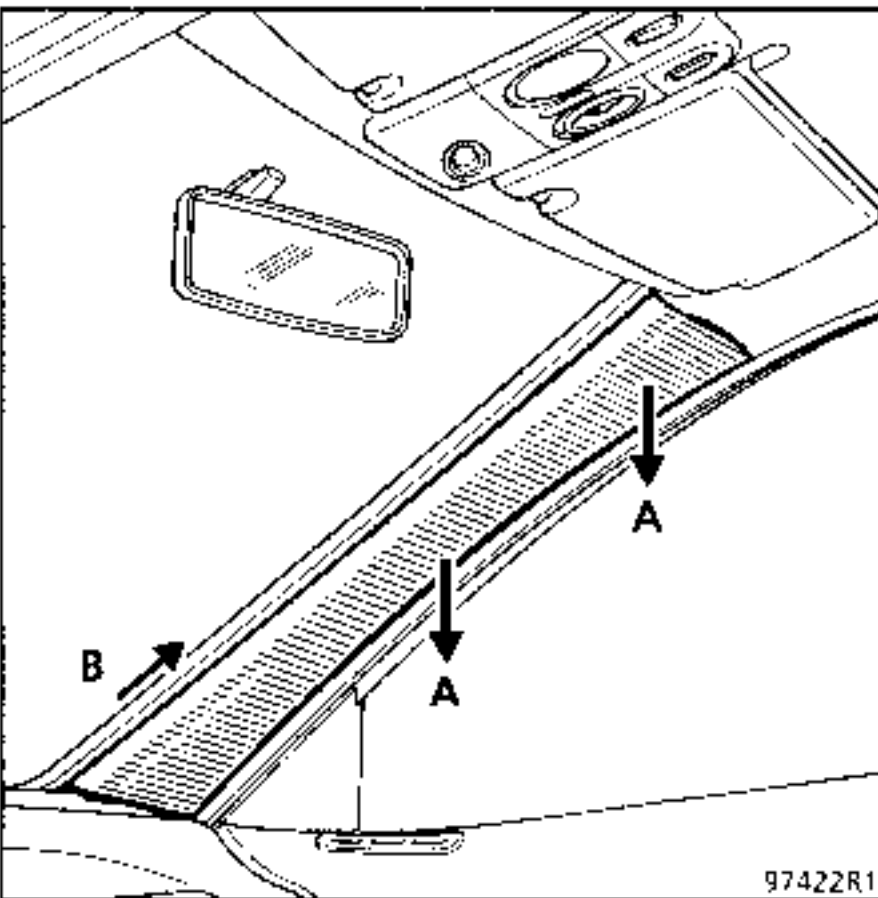
To make removing the bonnet release control bracket easier, use SODICAM unpicking pliers.



PRD7116

This lining has a flexible lip which fits under the speaker grille and which is easily released and re-fitted without having to remove the speaker grille.

## REMOVAL

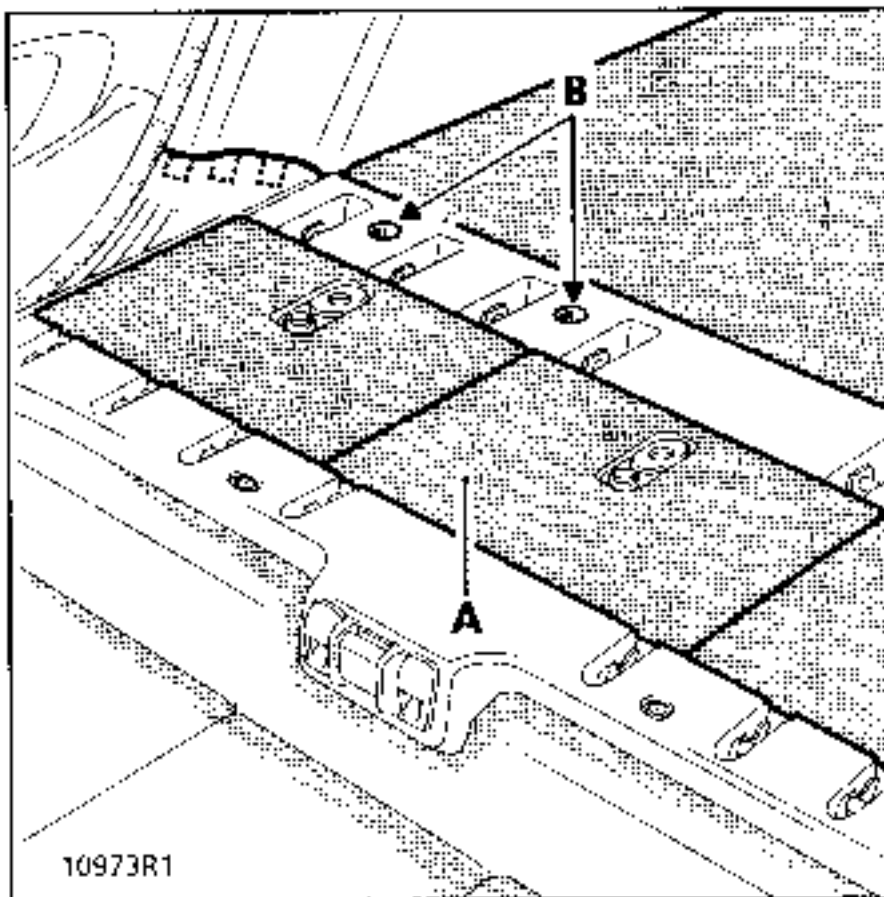
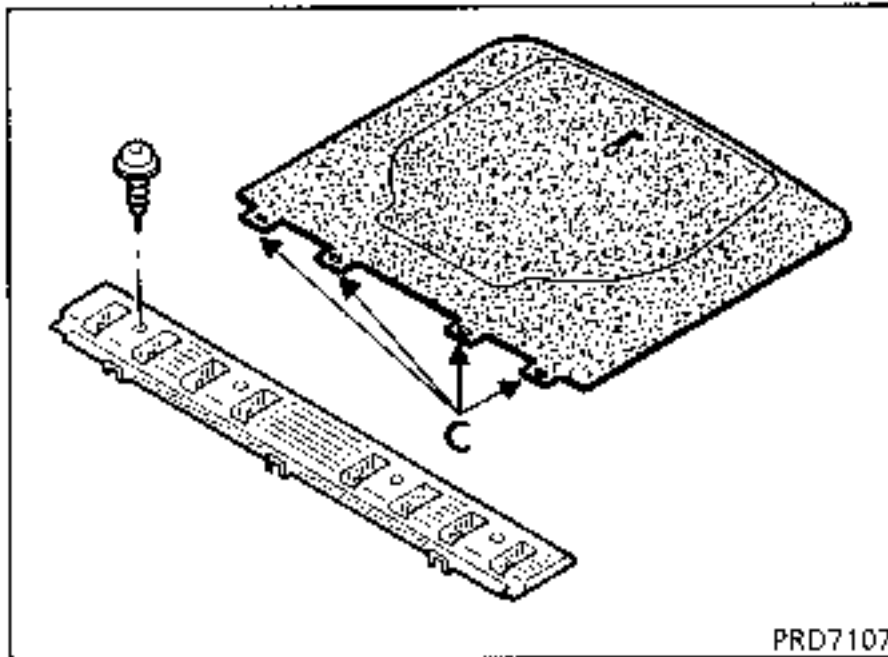


Partially remove the door frame seal by the lining.

Carefully release the three clips (A) and the centring pin (B).

Pull the lining towards the rear of the vehicle to release the flexible lip located under the speaker grille.

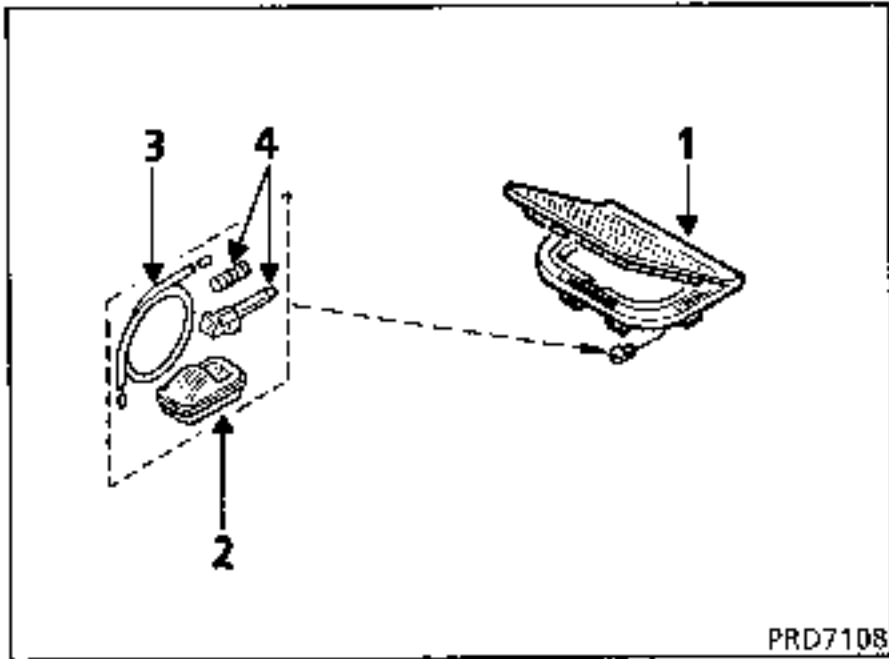
## REMOVAL



Remove:

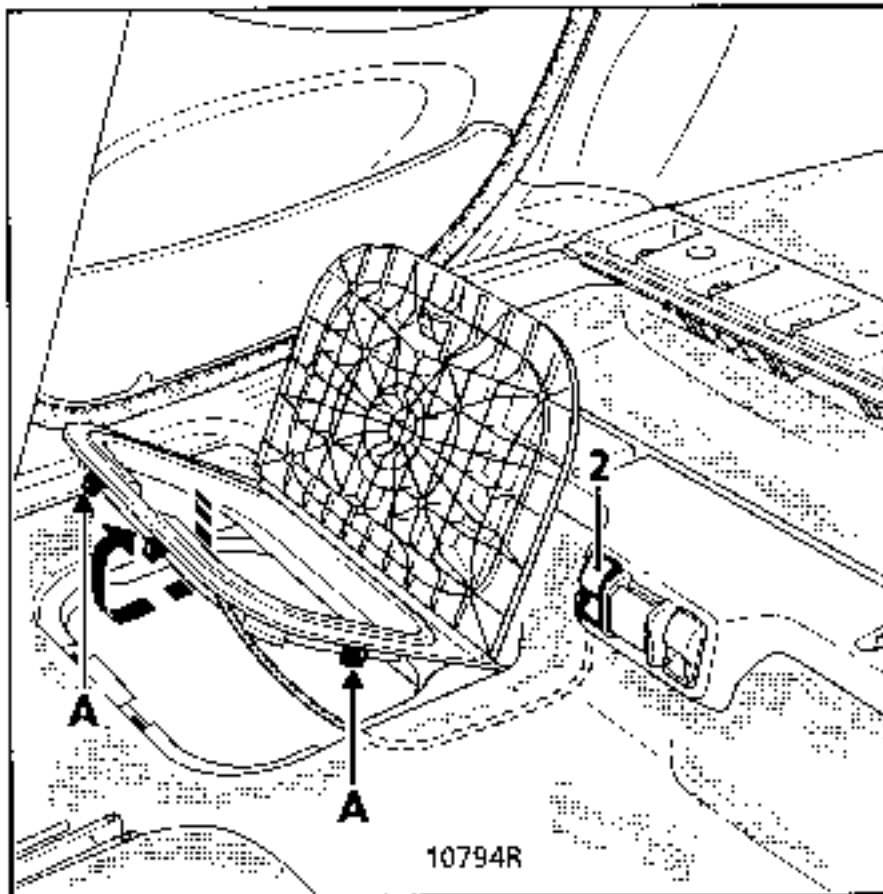
- the 3 access covers (A) for the storage area under the rear seats,
- the 4 lining mounting bolts (B) securing the front of the luggage compartment carpet and pull to release the rear seat mounting rail and release the brackets (C) from their locations.

Remove the luggage compartment carpet.



- 1 Storage cover
- 2 Part required for replacing control cable

#### REMOVING THE STORAGE COVER (1)

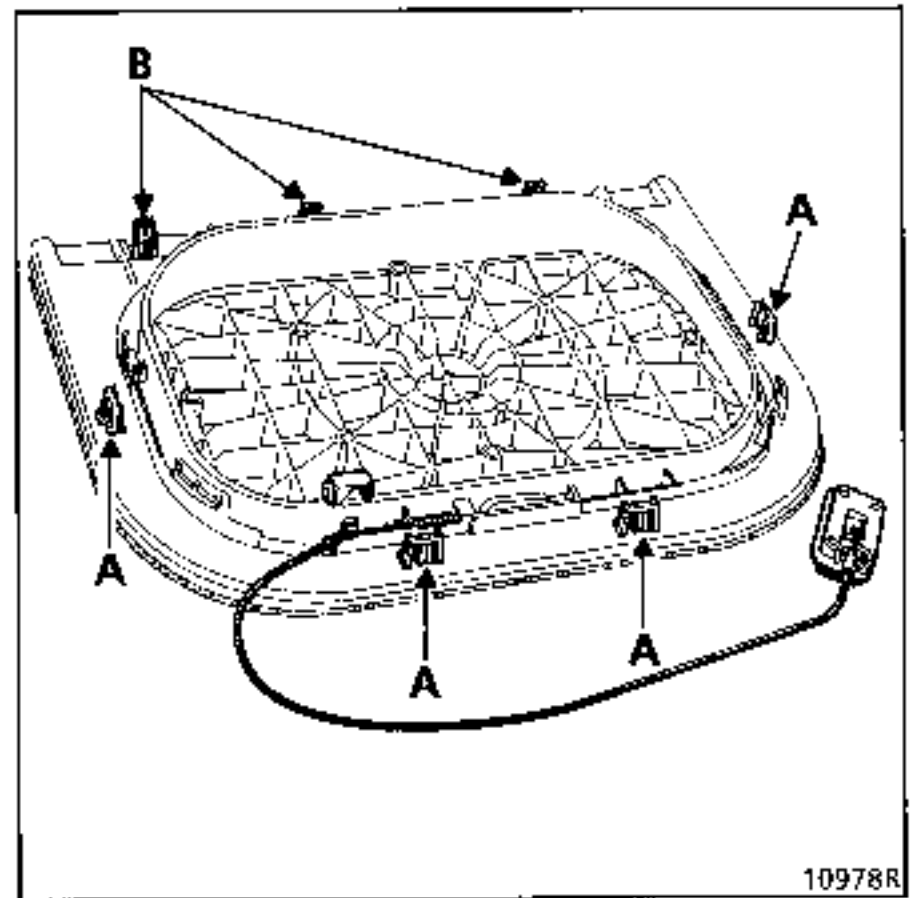


Open the storage cover using control (2).

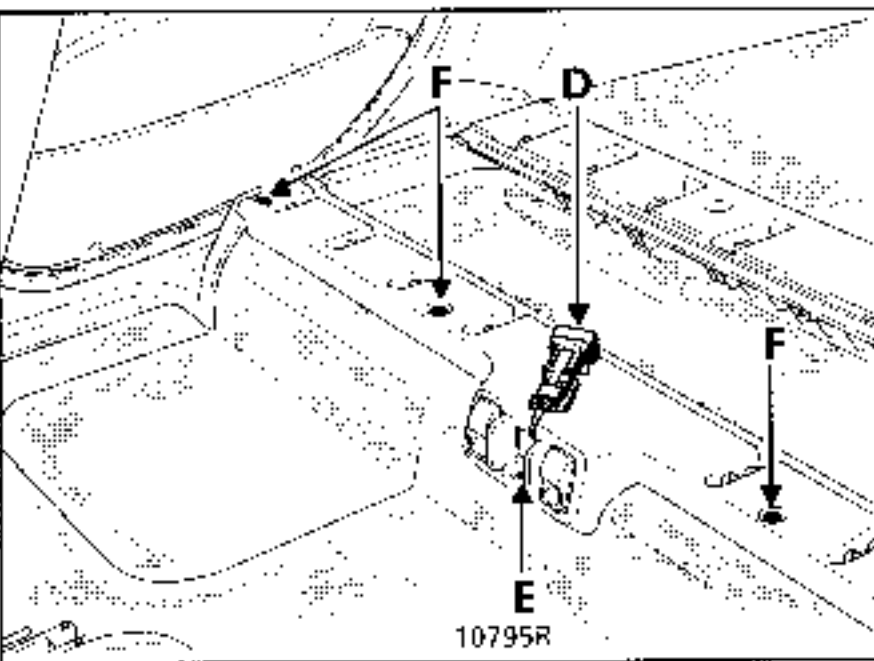
Unclip the cover surround (3) by inserting your hand inside the cover to release the 4 clips (A) from their locations.

Gently lift the front section of the surround and pull towards the front of the vehicle to release the 3 brackets (B).

#### Clips (A) and (B) on the cover fixed surround



## REMOVING - REPLACING THE OPENING CONTROL CABLE (2) TO (4)

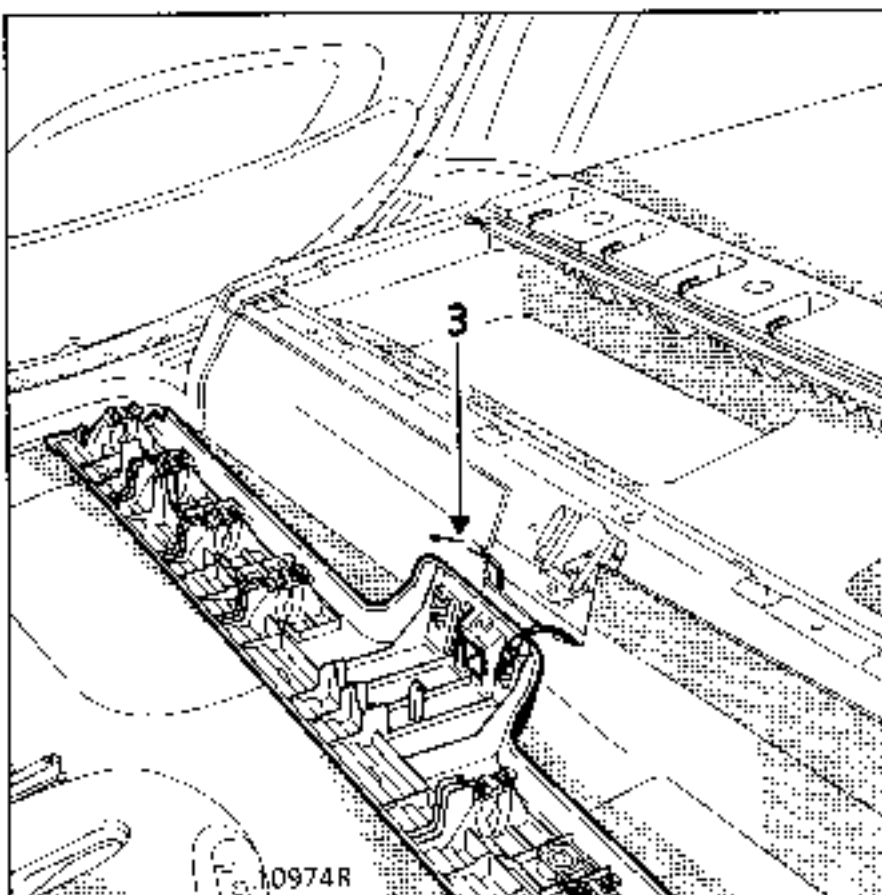


### Removing the opening control handle (2)

Pull handle (D), to release it from its location and disconnect the feed connector.

Remove:

- the centre mounting bolt (E) in the centre of the cover control panel,
- the four mounting bolts (F) for the lining on which the control handles are fitted.

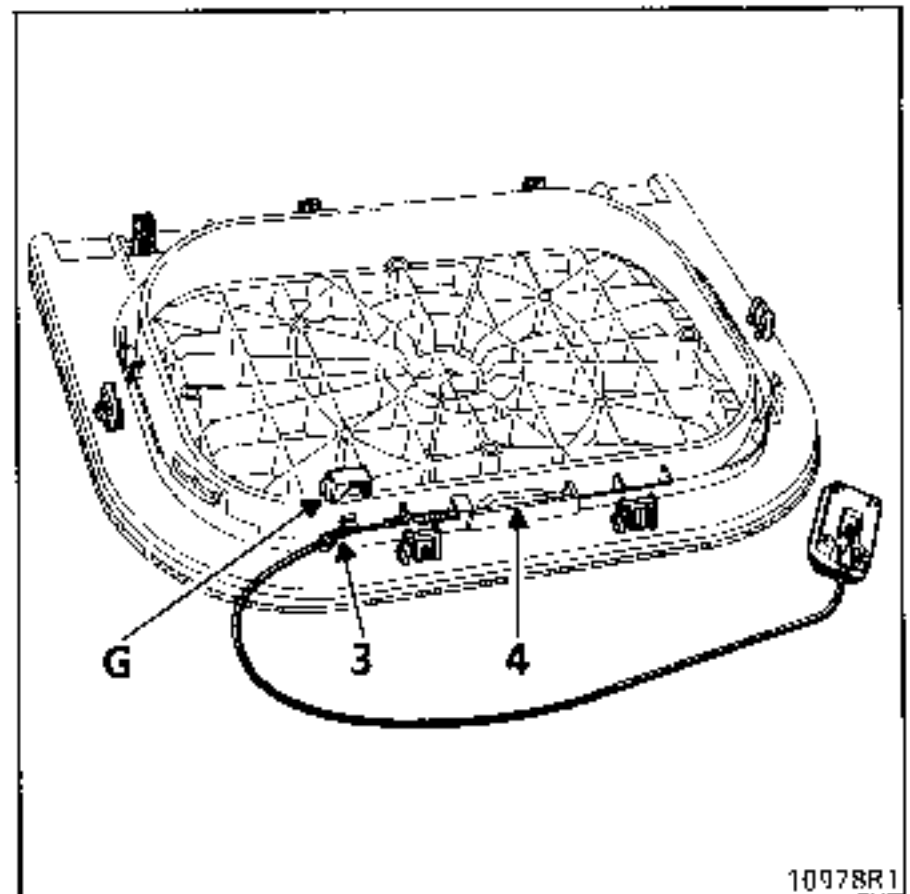


Pull upwards on the lining to release it from the rear seat front mounting rail.

Turn the lining over as before.

Pull the cable sleeve (3) to release the sleeve from its stop on the handle.

Remove the cable end from the moving part of the handle which is clipped on to the lining. It may then be unclipped to remove it from its position.



### Removing the pin / spring assembly (4) and control cable (3) on the cover (1):

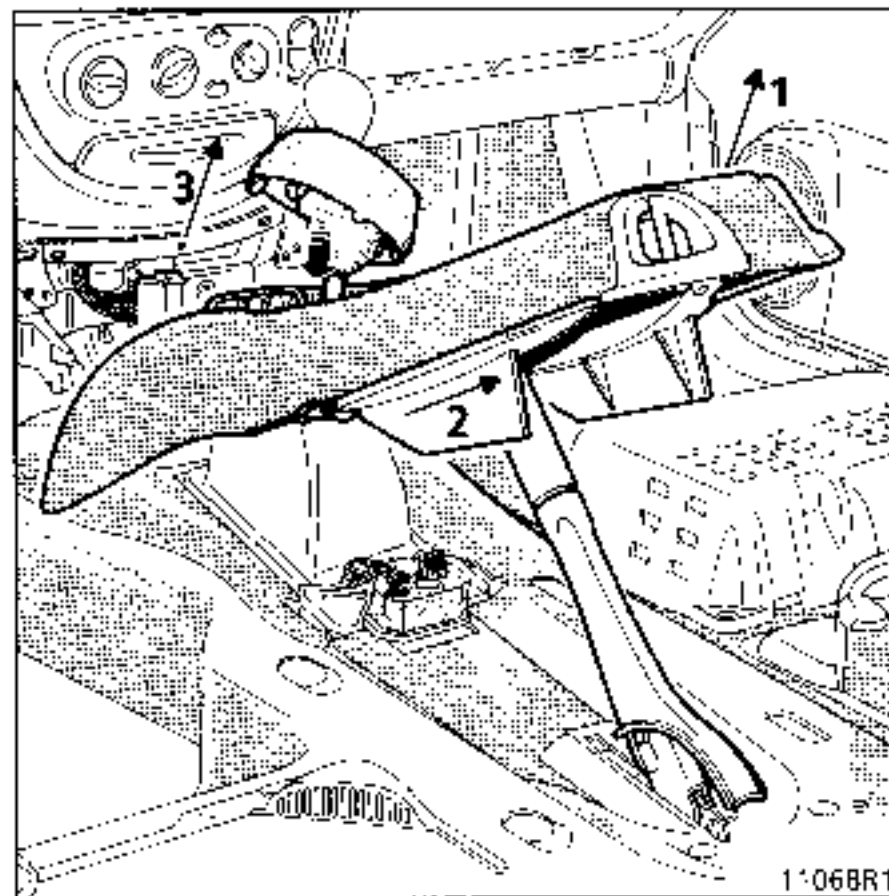
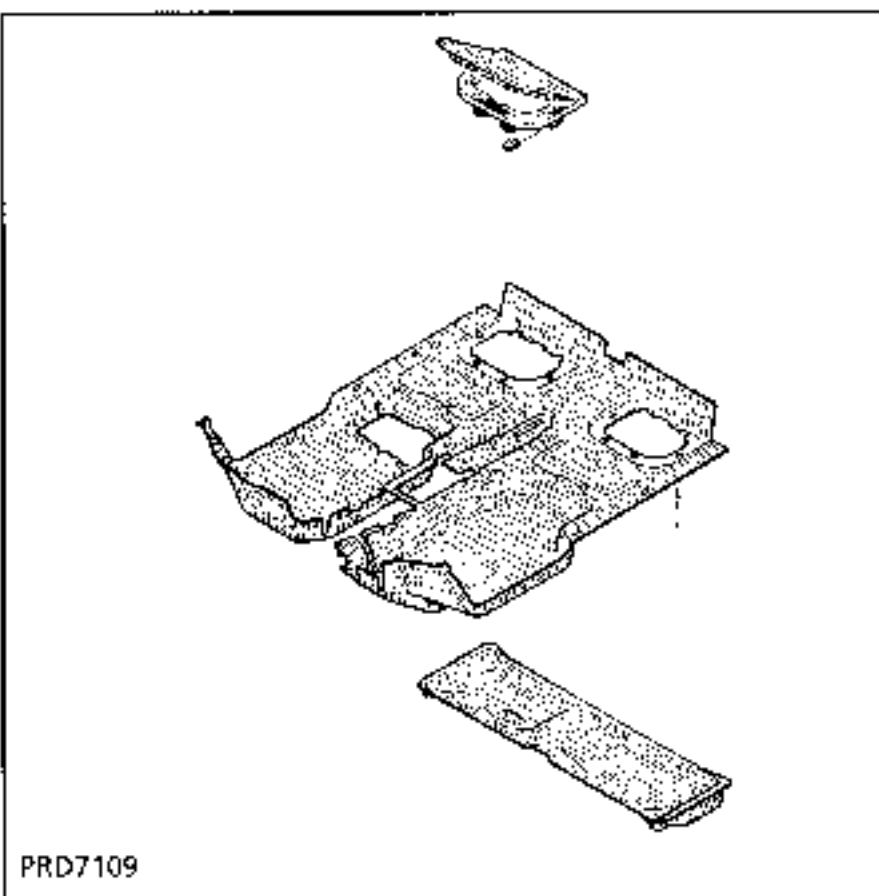
Remove the cover as described above.

Remove the cap (G) to reach the end of the cable.

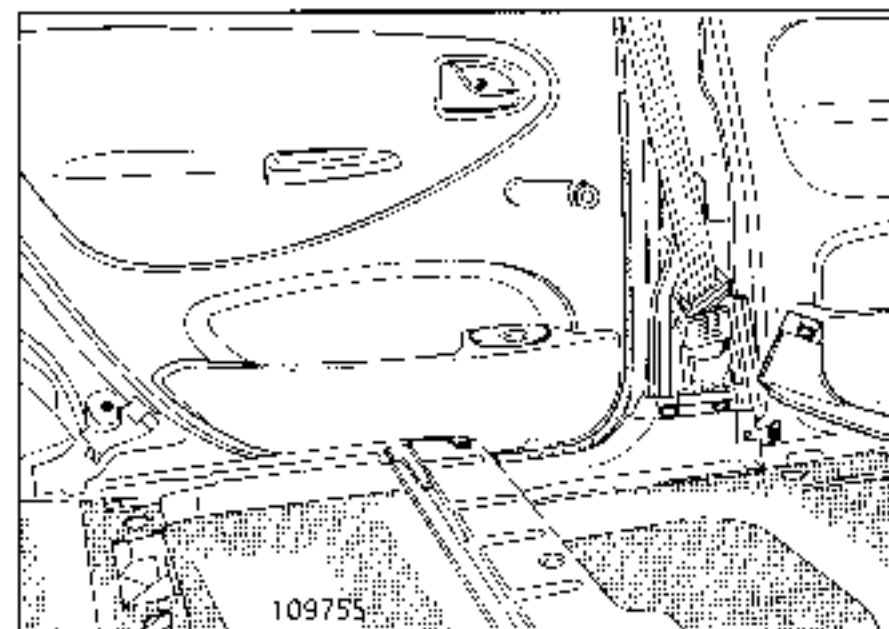
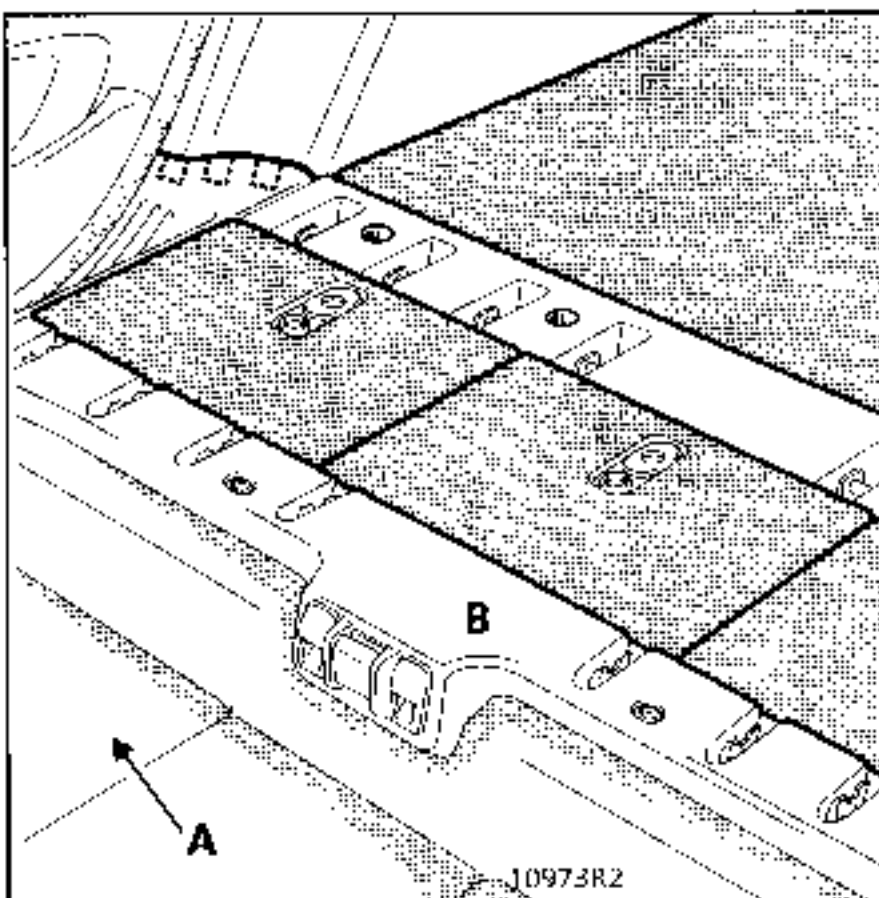
Pull the cable sleeve (3) to release the sleeve from its stop on the fixed surround.

Remove the cable end from its location on the pin (4).

Remove the pin and its spring (4).



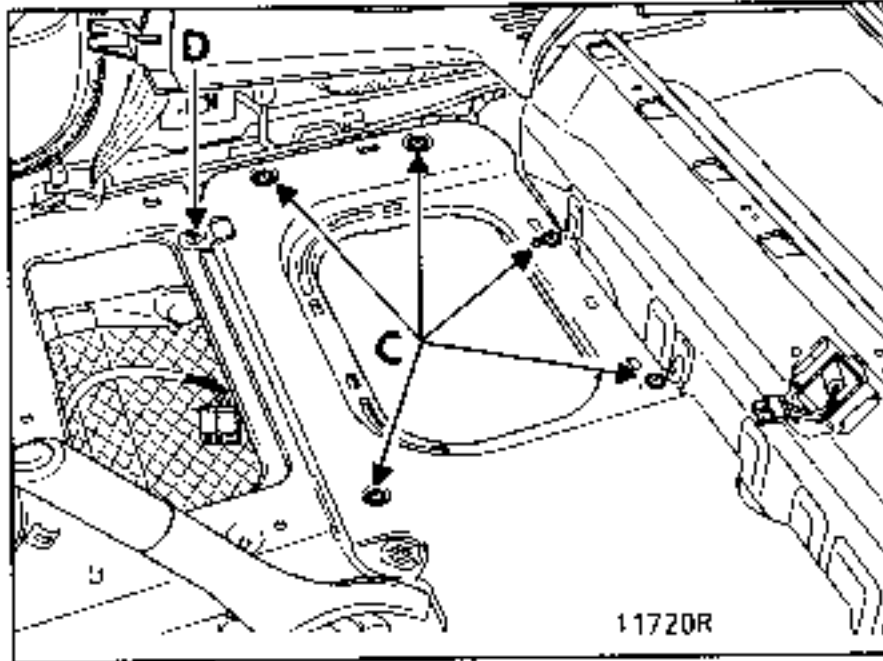
- the console (see 57C),



- the upper and lower centre pillar linings (see 71F and 71G),
- the rear sill lower linings (see 71E).

Remove:

- the two dummy floor storage covers (A) (see 71K),
- the rear seats,
- the three storage covers under the seat and the lining (B) (see 71K),



Move the front seats as far forward as possible.

Lift the rear section of the passenger compartment carpet to reach the dummy floor.

Remove the mounting bolts (C) for the dummy floor and lift it at the rear.

**NOTE :** this section of the dummy floor has 2 hinges (D) mounted on the two front sections of the dummy floor.

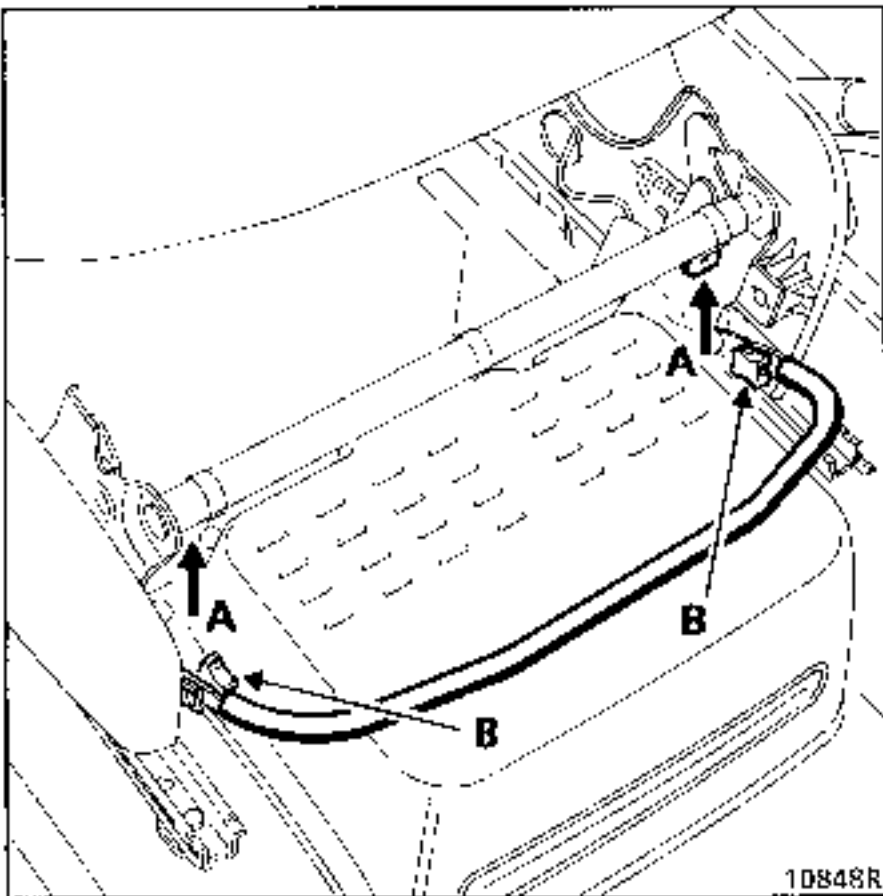
Remove the carpet.



PRD7501

The battery is located in a special compartment under the driver's seat.

## REMOVAL

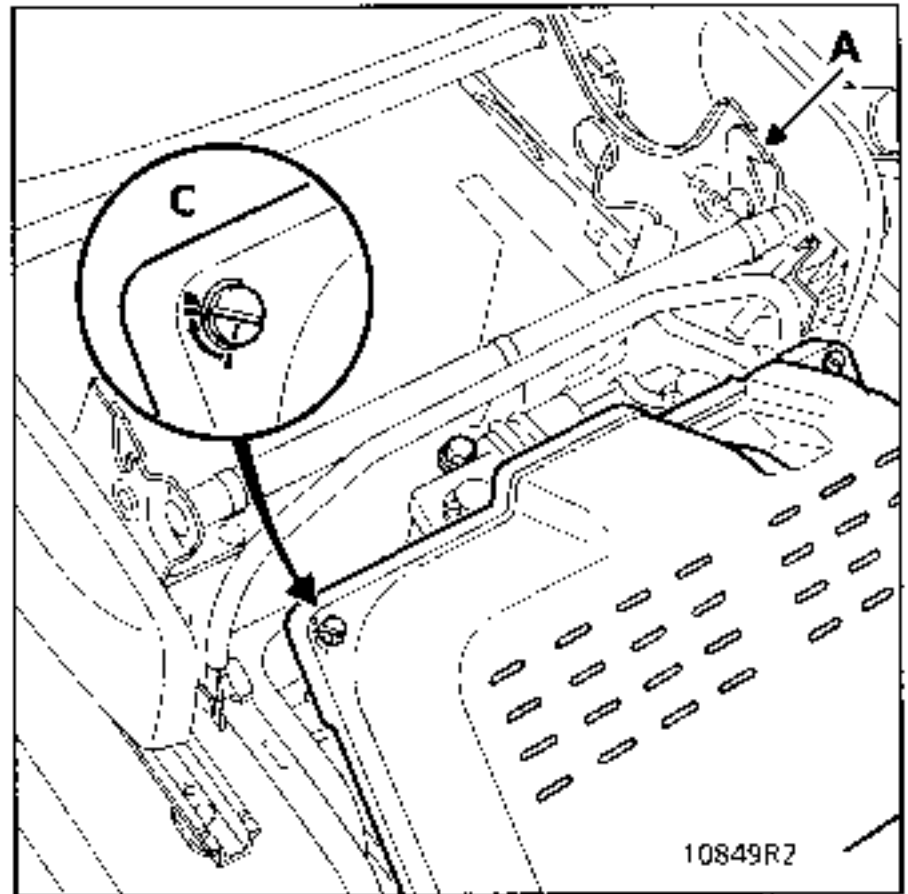


10848R

Pull the two levers (A), to release the driver's seat squab.

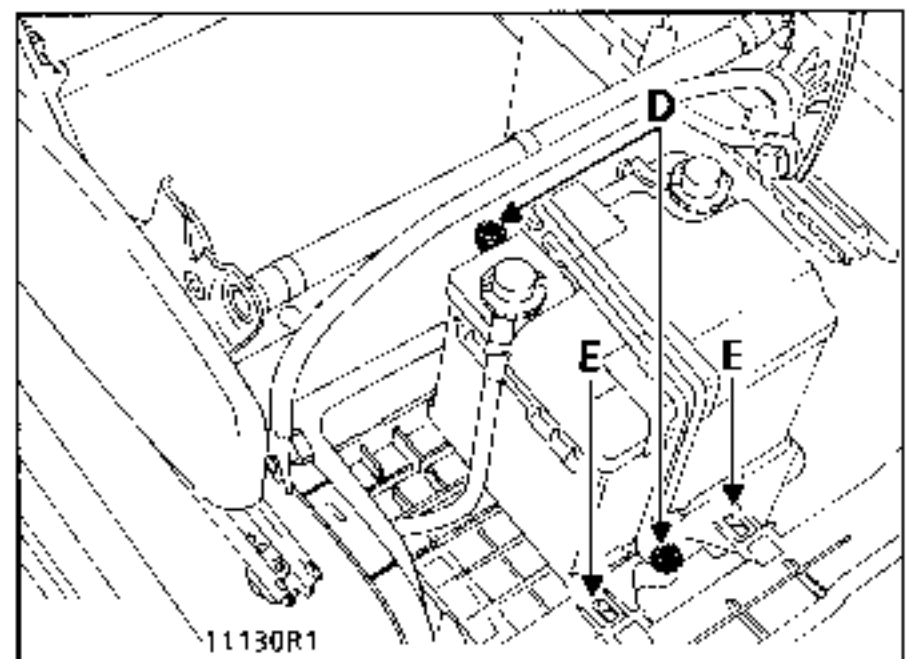
The seat may then be tilted backwards to allow the battery tray cover to be removed.

Slacken the two bolts (B) to lift the longitudinal adjustment bar for the seat.



10849R2

Lift the cover after slackening (1/4 turn) the two mountings (C).

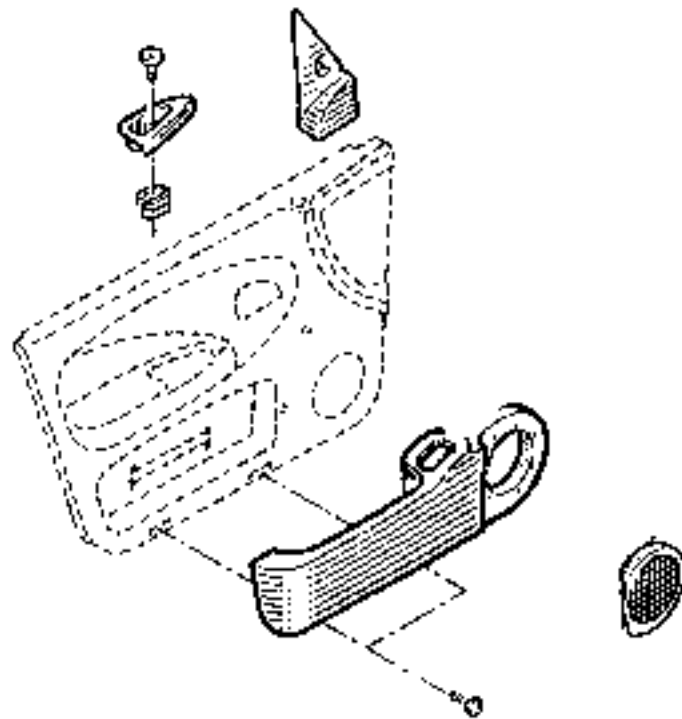


11130R1

Remove the two mounting nuts (D) securing the battery in its compartment and remove the retaining bar before removing the battery.

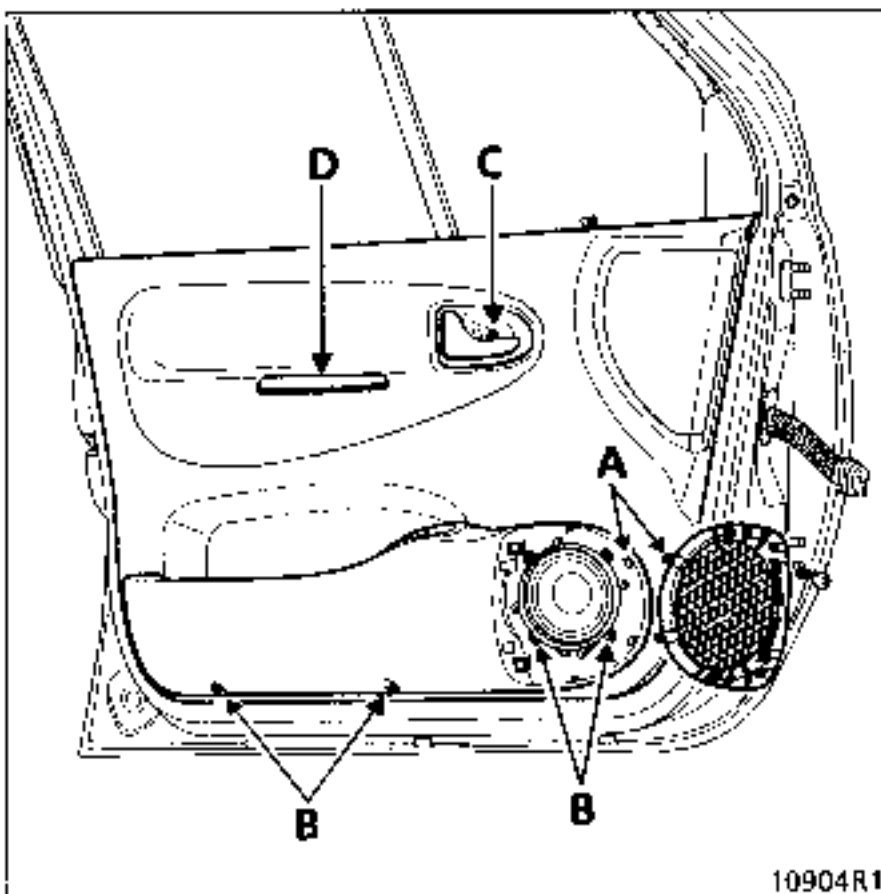
Remove the battery tray by lifting the two retaining clips (E).





PRD7201

## REMOVAL

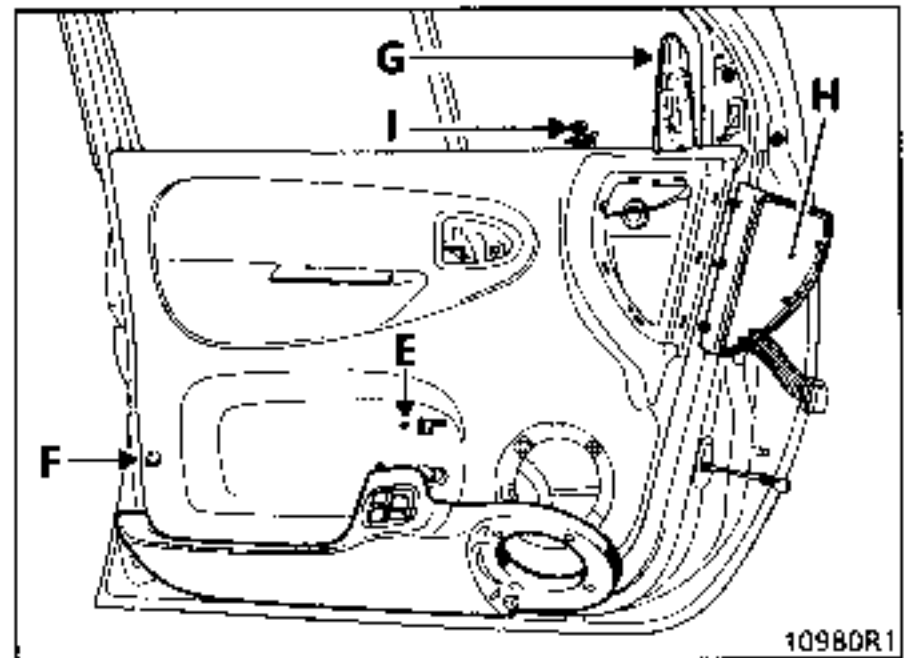


10904R1

Unclip the front door speaker grille (A).

Remove:

- the 6 mounting bolts (B) from the door tray,
- the door opening handle (C),
- mounting bolt (D) and its cover for the door closing handle.



10980R1

Unclip the tray at (E) and release pin (F) by lifting the tray.

Disconnect the connectors for the front electric windows and for the speaker.

Remove the storage tray from the door.

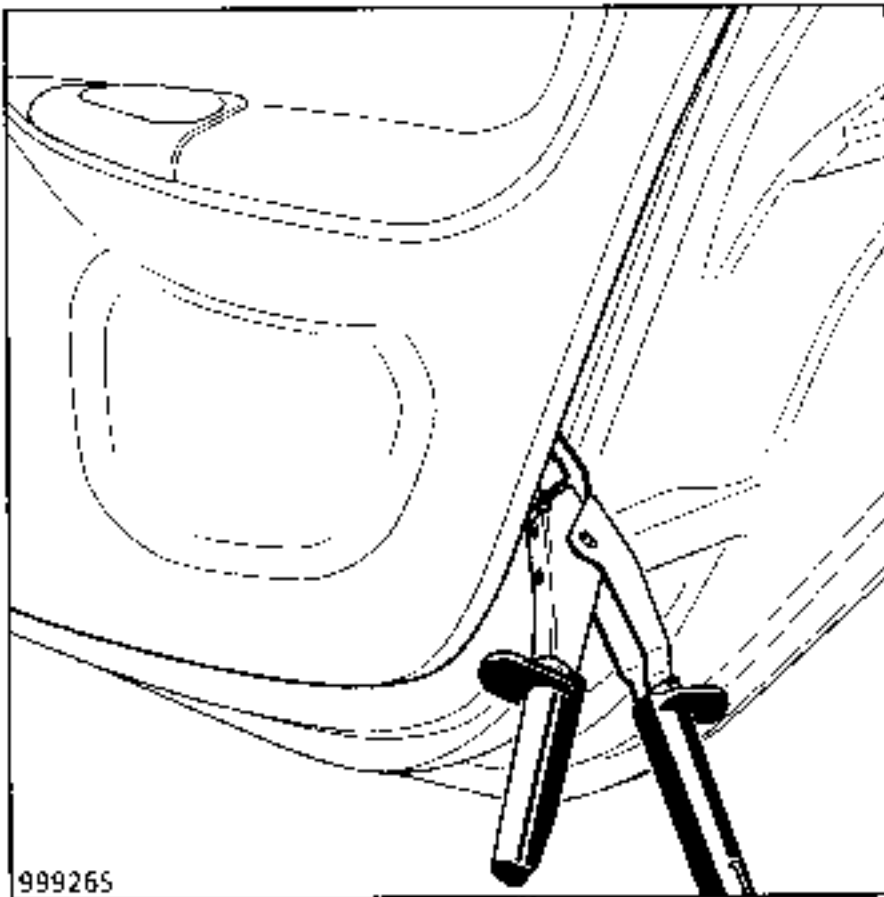
Unclip:

- the cover (G) for the exterior rear view mirror mountings,
- the access cover (H) for the rear view mirror adjustment control connector (I).

Remove the control (I) by passing your hand through cover (H), to remove the two metal retaining clips on the lining. Disconnect its connector.

When carrying out an operation on the electric window switches, the bottom of the door must be removed (for more details refer to the method "switches on the door" in section 84).

When trim has been removed or the door lining has been replaced, use the set of clips from the After Sales Department specifically for this vehicle. A Technical Note will be issued at a later date showing the composition of vehicle clip kits.



## REFITTING

When refitting or replacing, a bead of pre-formed sealing mastic must be applied between the door box section and the lining (Part Number 77 01 423 330).

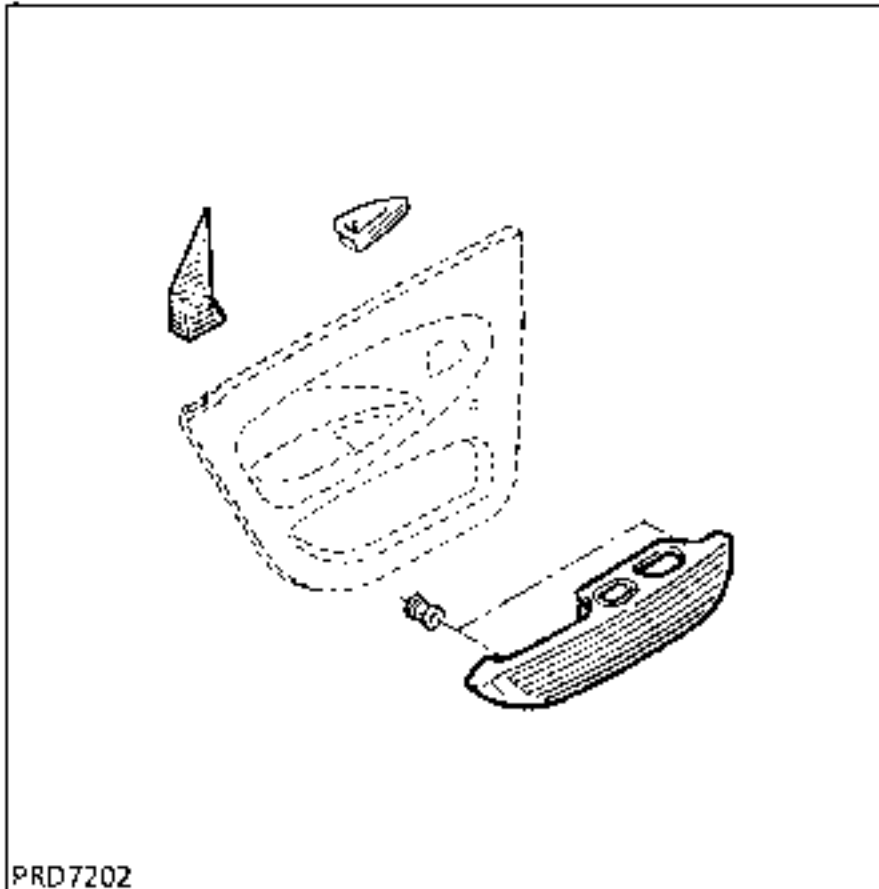
Remove the mountings using SODICAM unpicking pliers or a similar tool (see 50B).

Unpick and release the lining gradually (use a cutting tool to cut the mastic).

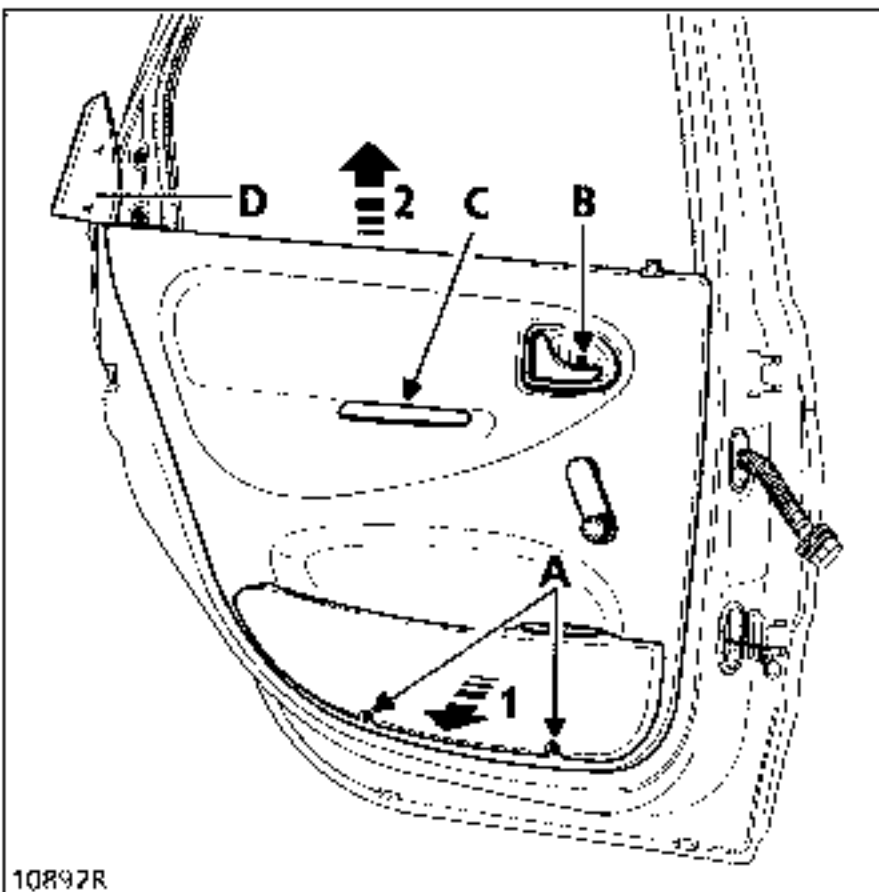
Remove the lining from its location on the front door interior weatherstrip.

Release the plug to allow passage for the connectors at the rear of the lining.

Remove the lining.



## REMOVAL

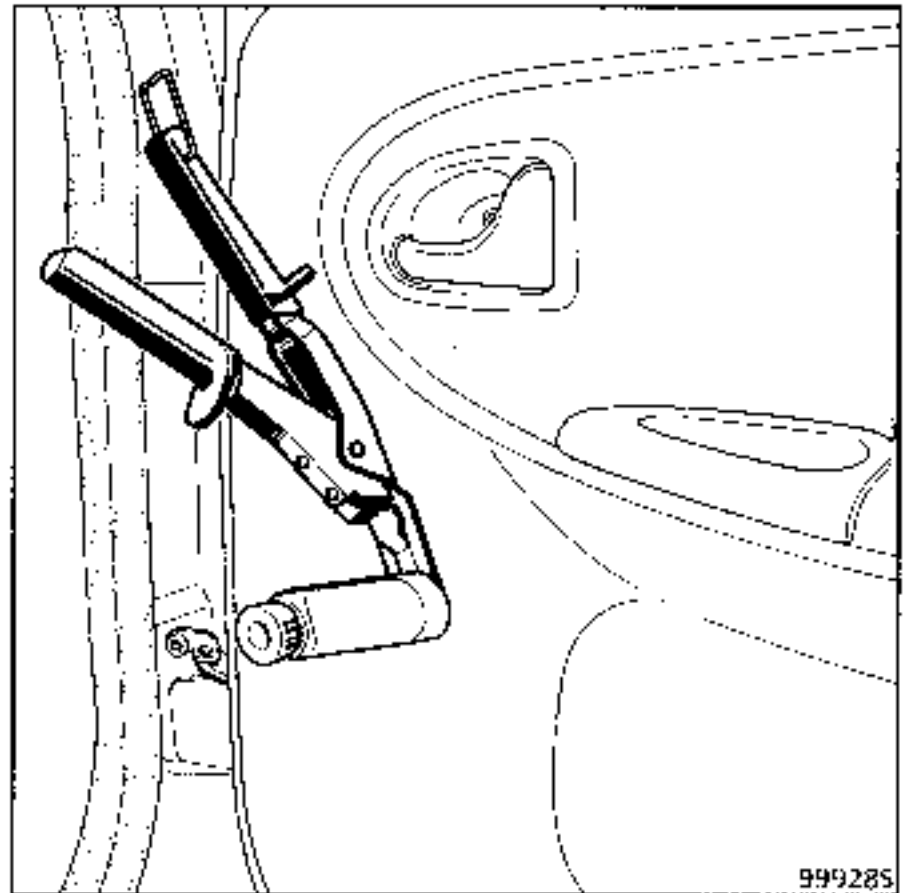


### Remove:

- the two mounting bolts (A) for the door tray,
- the door opening handle (B),
- mounting bolt (C) and its cover for the door closing handle (to remove the cover, stick a piece of pre-formed mastic to it and pull on the mastic to remove the cover without damaging it).

Unclip the cover (D).

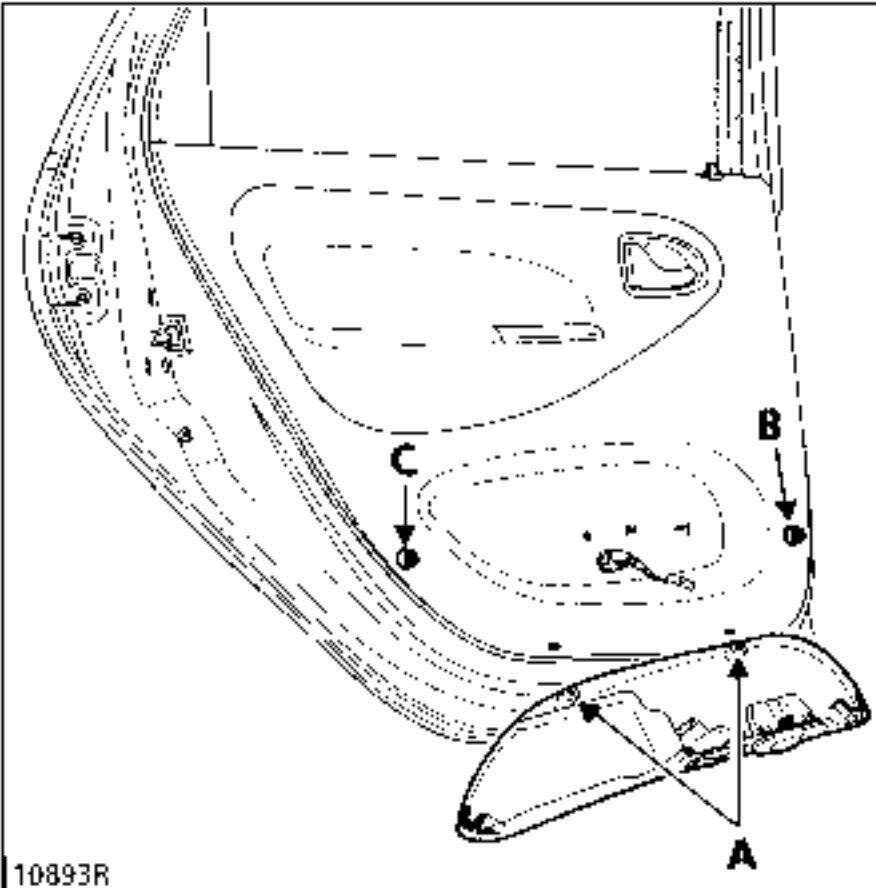
## REMOVING THE LINING FOR A DOOR WITH MANUAL WINDOW WINDER



Release the window winder handle using SODICAM unpicking pliers (see 50B).

The door tray is mounted by two pop rivets to the door lining and may therefore not be separated from it.

## DOOR WITH ELECTRIC WINDOW

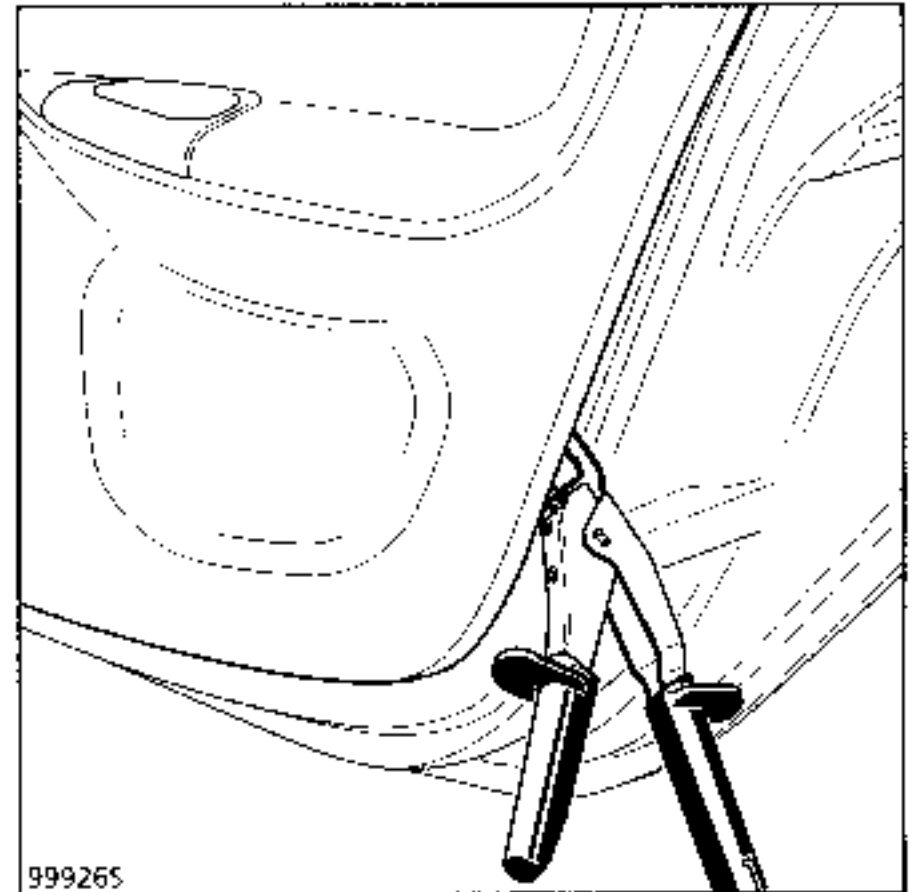


Lift the front of the tray to release the lug (B).

Release the tray by pushing backwards to release lug (C).

Disconnect the connector for the electric window switch.

For operations on the electric window switch, refer to the method "switches on the door" in section 84.



Remove the mountings using SODICAM unpicking pliers or a similar tool (see 50B).

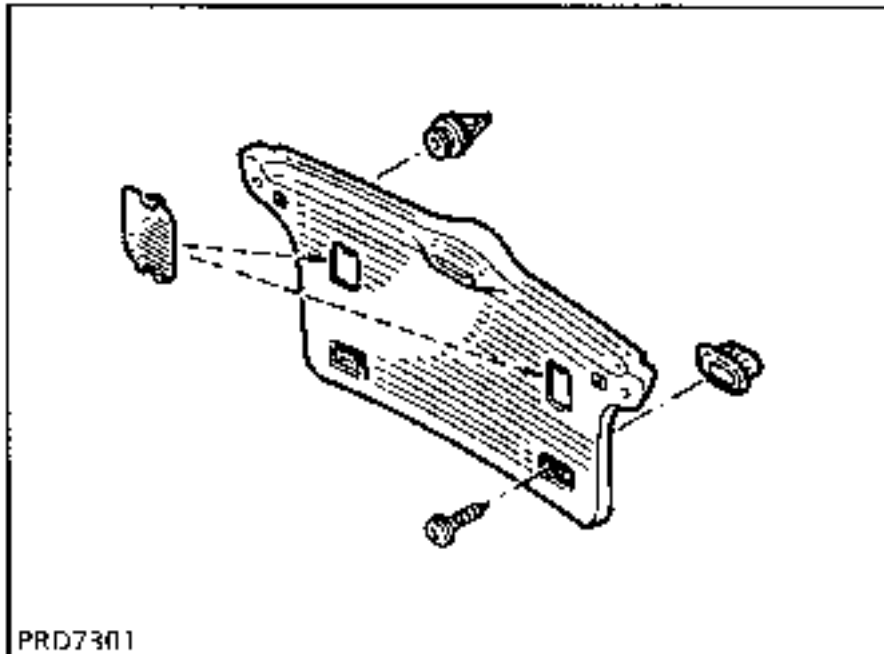
Unpick and release the lining gradually (use a cutting tool to cut the mastic).

Remove the lining from its location on the door interior weatherstrip.

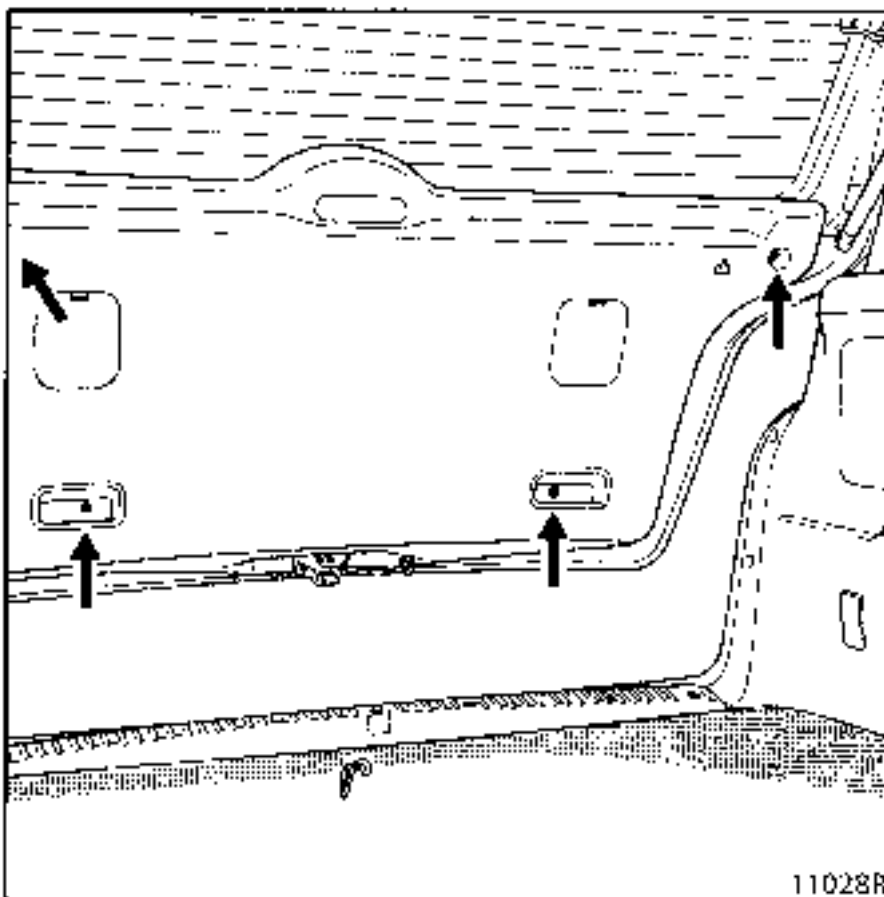
Remove the lining.

When refitting or replacing, a bead of pre-formed sealing mastic must be applied between the door box section and the lining (Part Number 77 01 423 330).

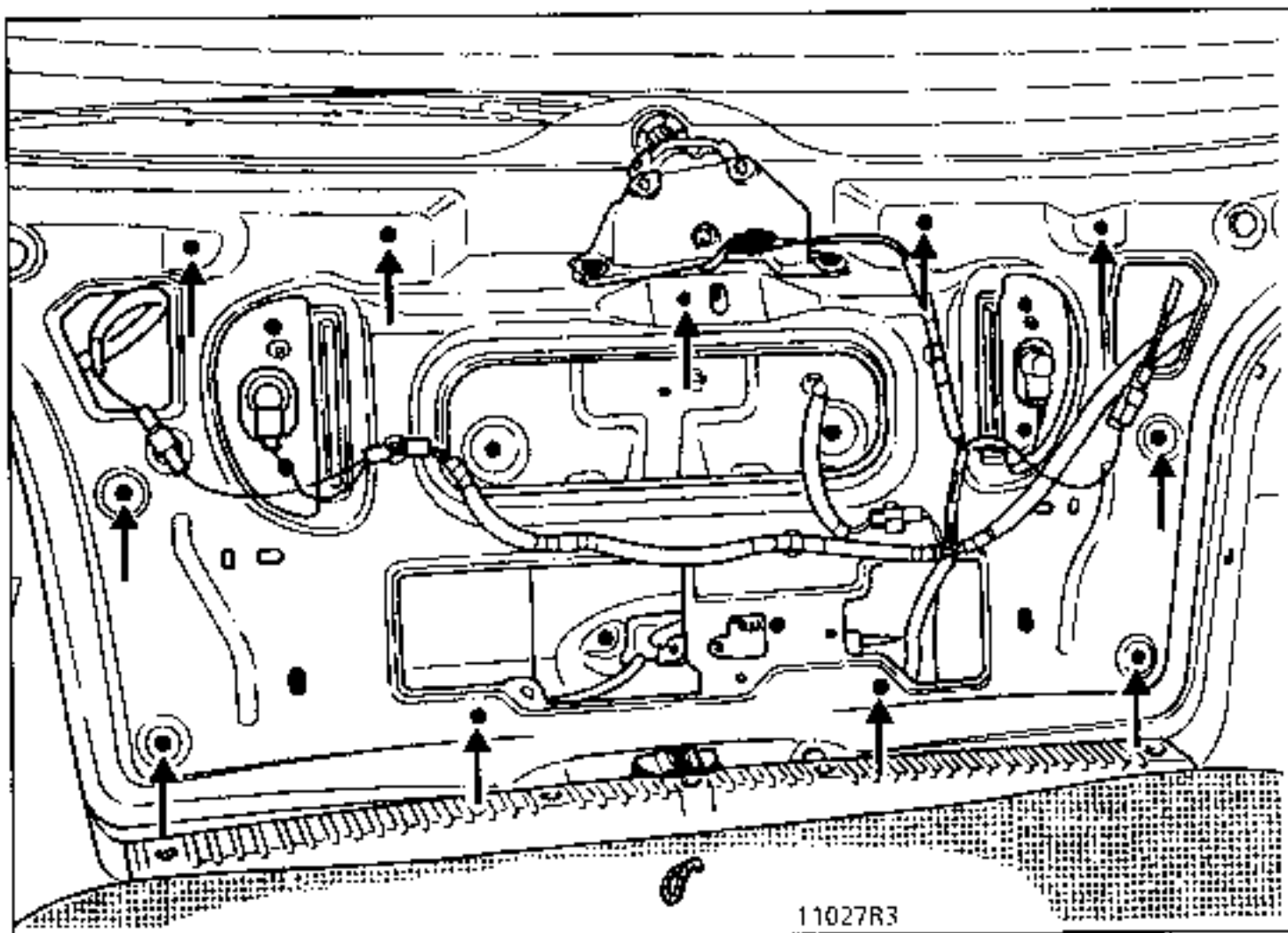
When trim has been removed or the door lining has been replaced, use the set of clips from the After Sales Department specifically for this vehicle. A Technical Note will be issued at a later date showing the composition of vehicle clip kits.



## REMOVAL

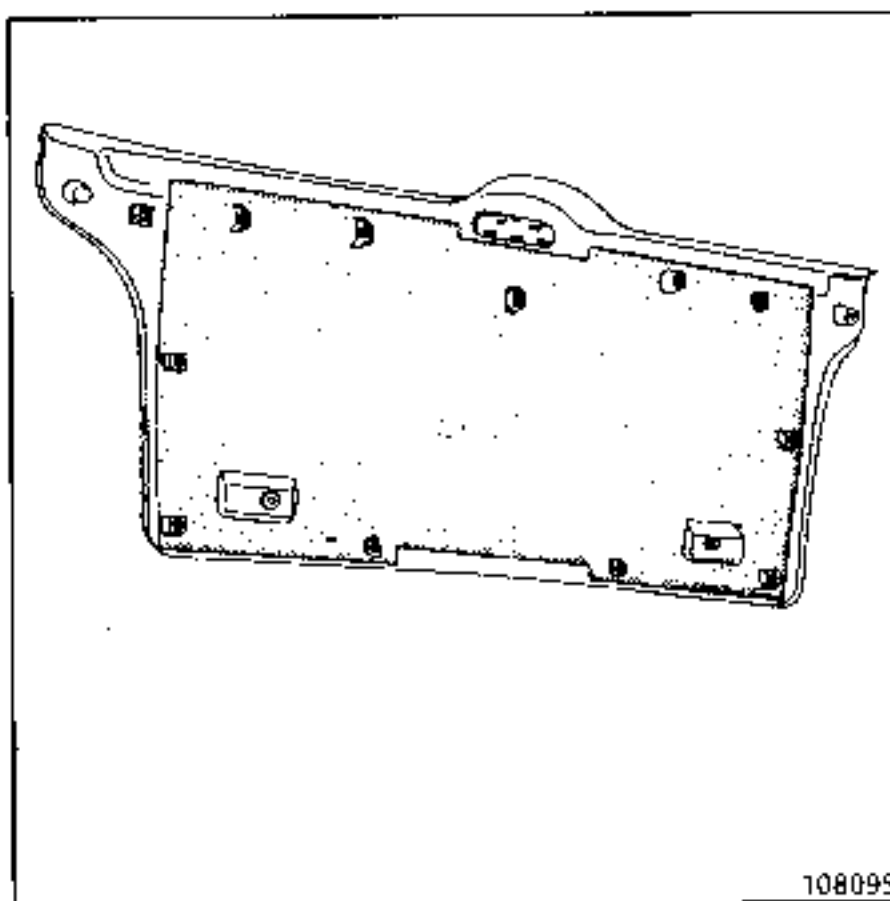


Remove the 4 mounting bolts (Torx 20) for the trim on the tailgate lining.

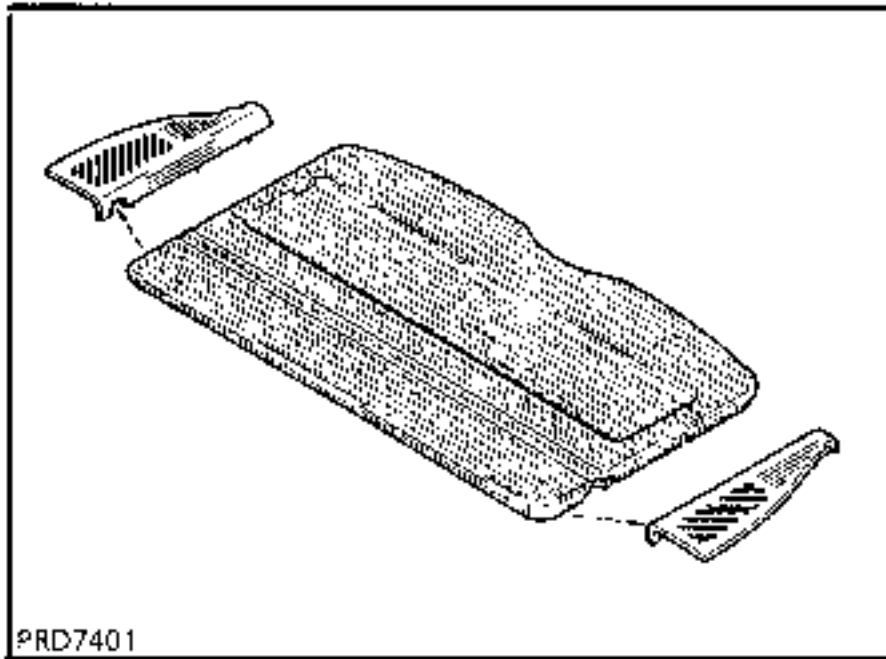


Carefully pulling on the tailgate closing handles, release the retaining clips (B).

Retaining clips on the lining

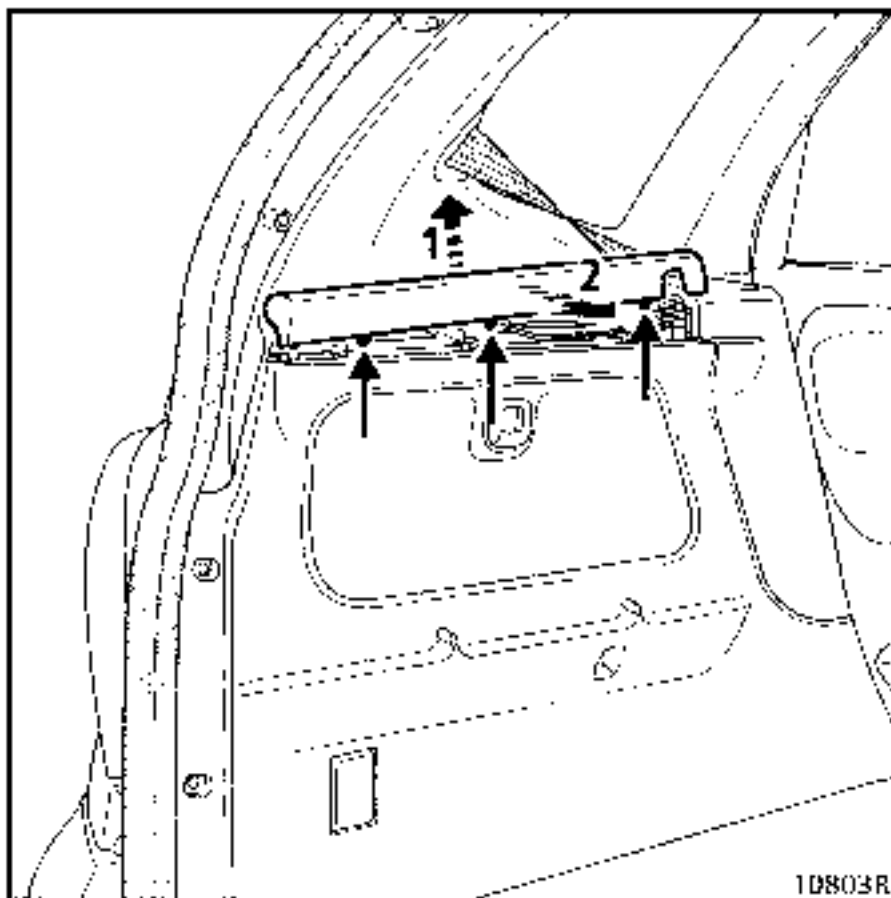


When trim has been removed or the tailgate has been replaced, use the set of clips from the After Sales Department specifically for this vehicle. A Technical Note will be issued at a later date showing the composition of vehicle clip kits.



## REMOVAL

Remove the centre rear shelf.



Using a flat blade screwdriver, release the lining from its location on the wheel arch lining and release the three clips.

Pull the lining towards the centre of the vehicle and remove it.

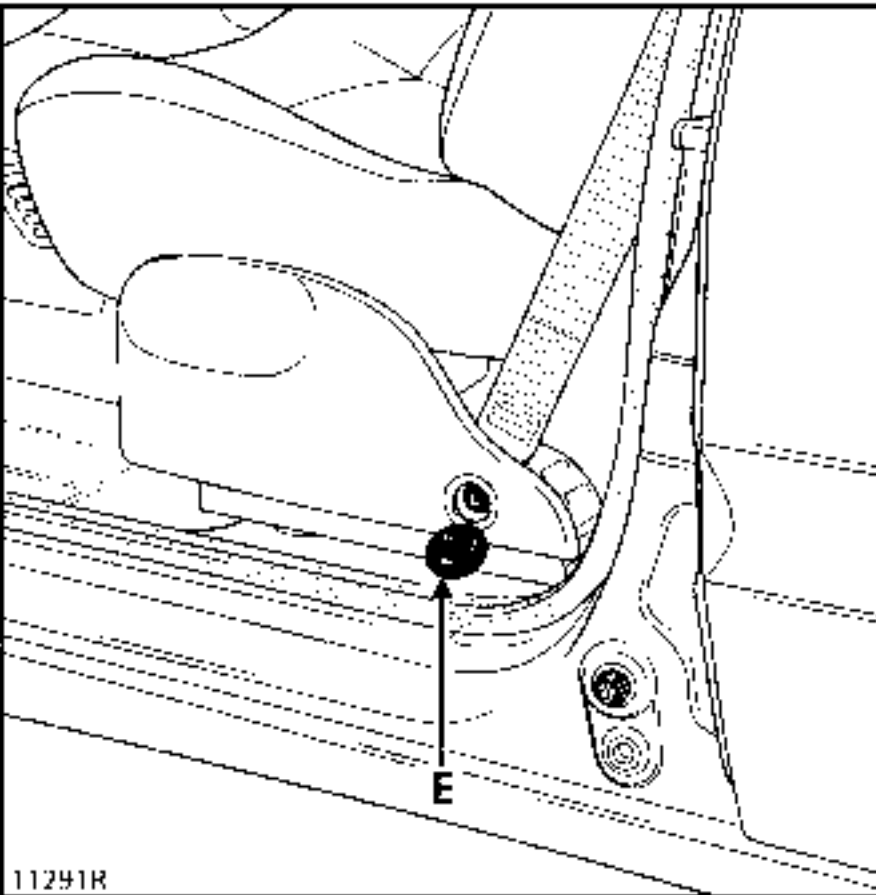
TIGHTENING TORQUES (in daN.m)



Seat belt mounting bolt

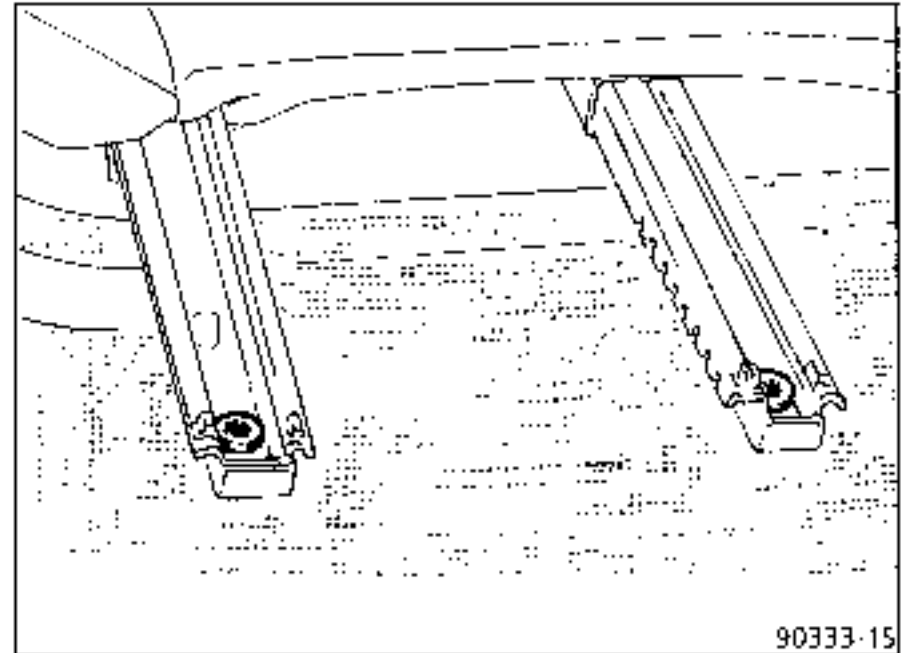
2.5

REMOVAL



11291R

On the front seat, remove cover (E) and remove the front seat belt lower mounting bolt.



Remove the two rear mounting bolts.

Push the seat backwards.

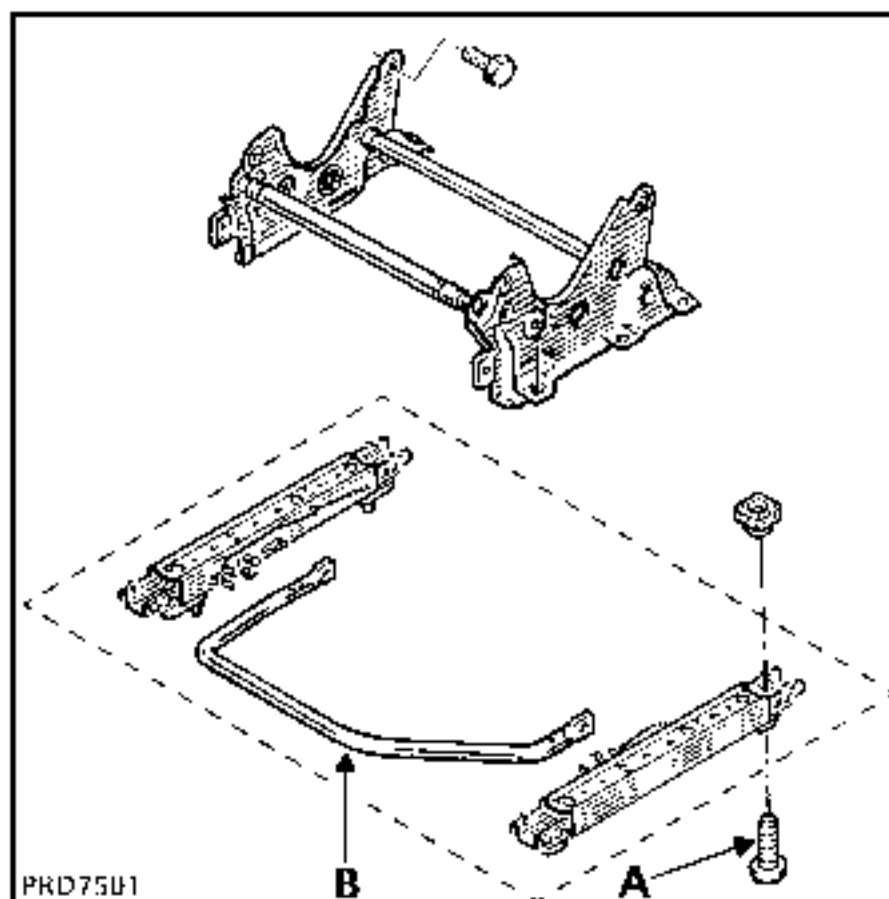
Remove the two front mounting bolts.

Open the covers under the seat.

Disconnect the seat belt pretensioner connectors.



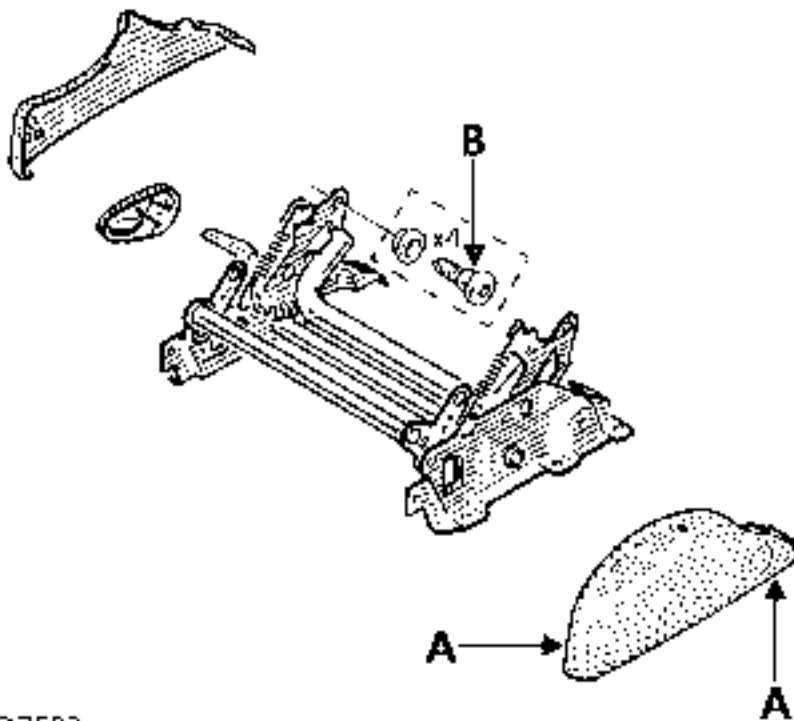
REMOVAL



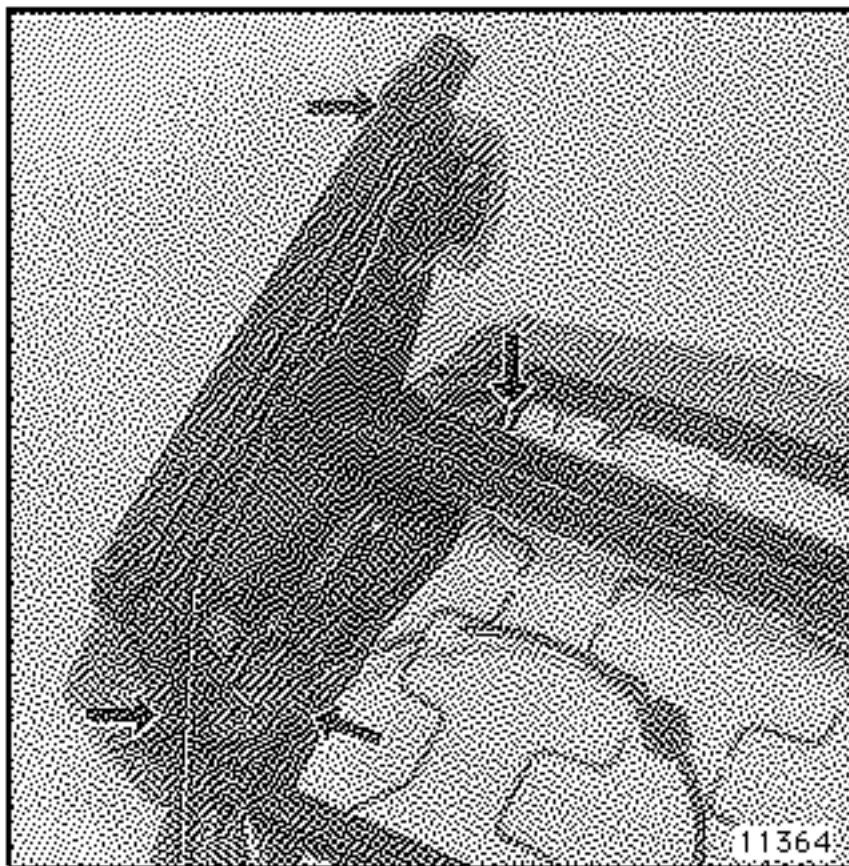
After removing the seat (see 75A), remove the two rear mounting bolts (A) for the runner on the adjusting base.

Push the release bar (B) towards the seatback and push the runners backwards.

Remove the two front mounting bolts (A).



#### REMOVING THE DRIVER'S SEAT ADJUSTING BASE

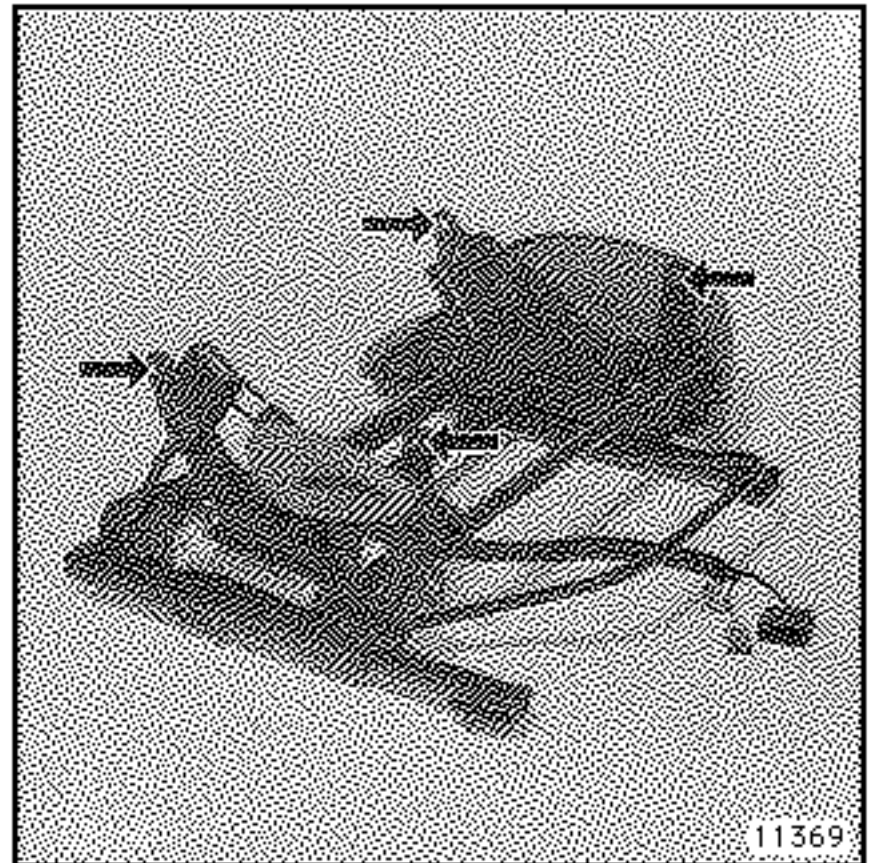


Remove the seat (see 75A).

Move the runners towards the front of the seat.

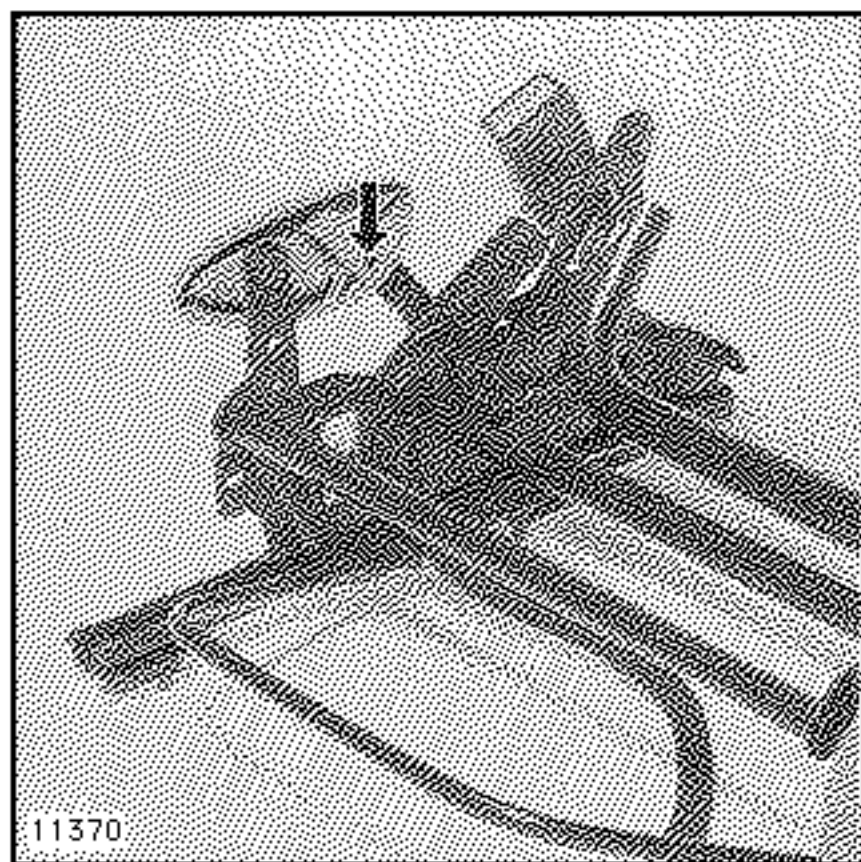
Remove the runner covers:

- remove the two mounting bolts (A),
- push the cover backwards to release it from its location at the rear of the adjusting base,
- release the seat belt base.



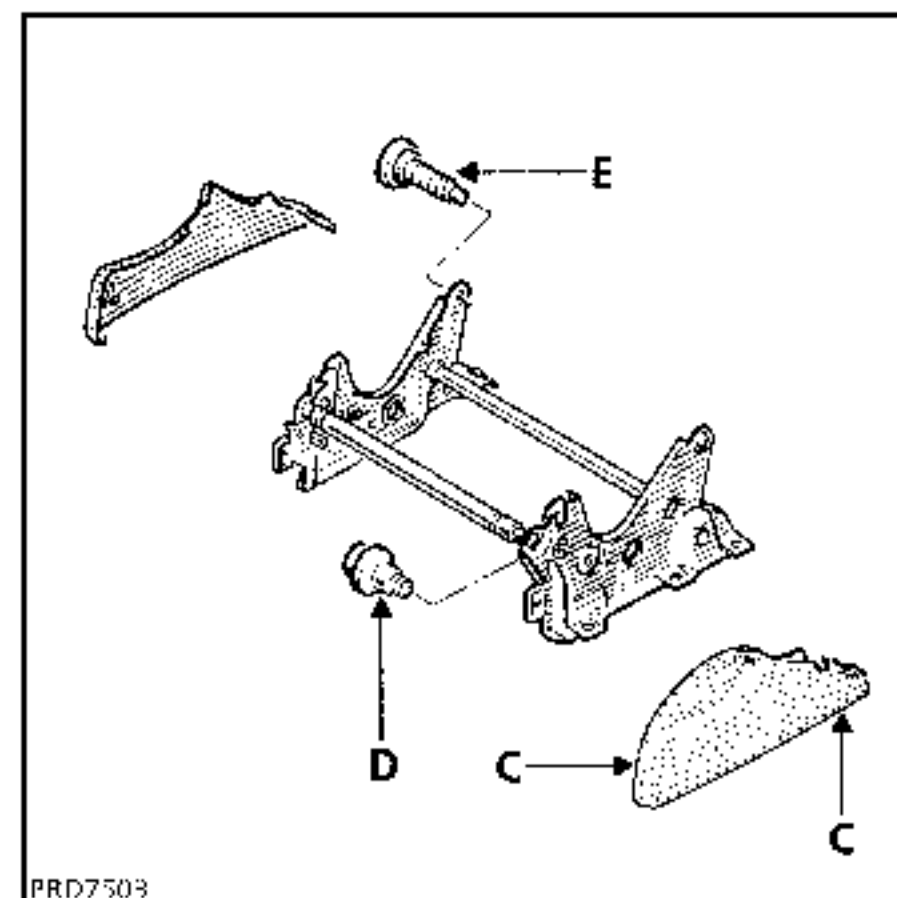
Remove the four mounting bolts (B) for the adjusting base on the seat squab frame.

**IMPORTANT:** refer to the section AIRBAG for information on precautions for removing the adjusting base fitted with pretensioners.



To remove the seat height adjusting handle, push the metal retaining clips using a flat blade screwdriver and pull the handle to remove it from its location.

#### REMOVING THE PASSENGER'S SEAT ADJUSTING BASE

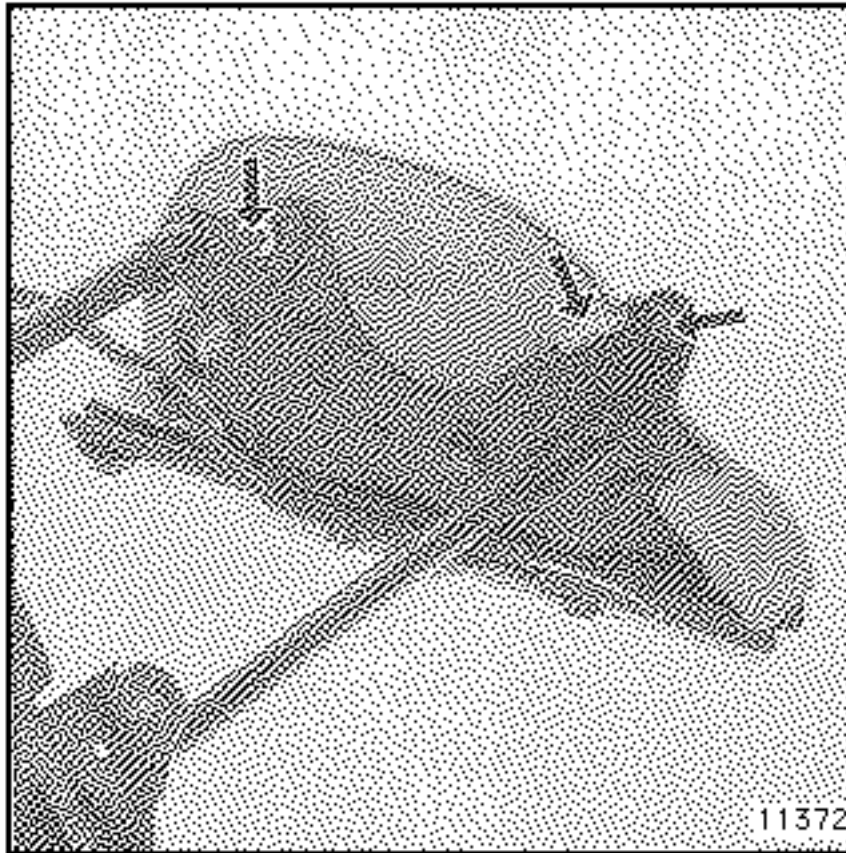


Remove the seat (see 75A).

Move the runners towards the front of the seat.

Remove the runner covers:

- remove the two mounting bolts (C),
- push the cover backwards to release it from its location at the rear of the adjusting base,
- release the seat belt base.



Turn the seat over.

Remove the two hooks allowing the seat to be tilted backwards and remove the two pins (D).

Remove the two rear mounting bolts (E).

Remove:

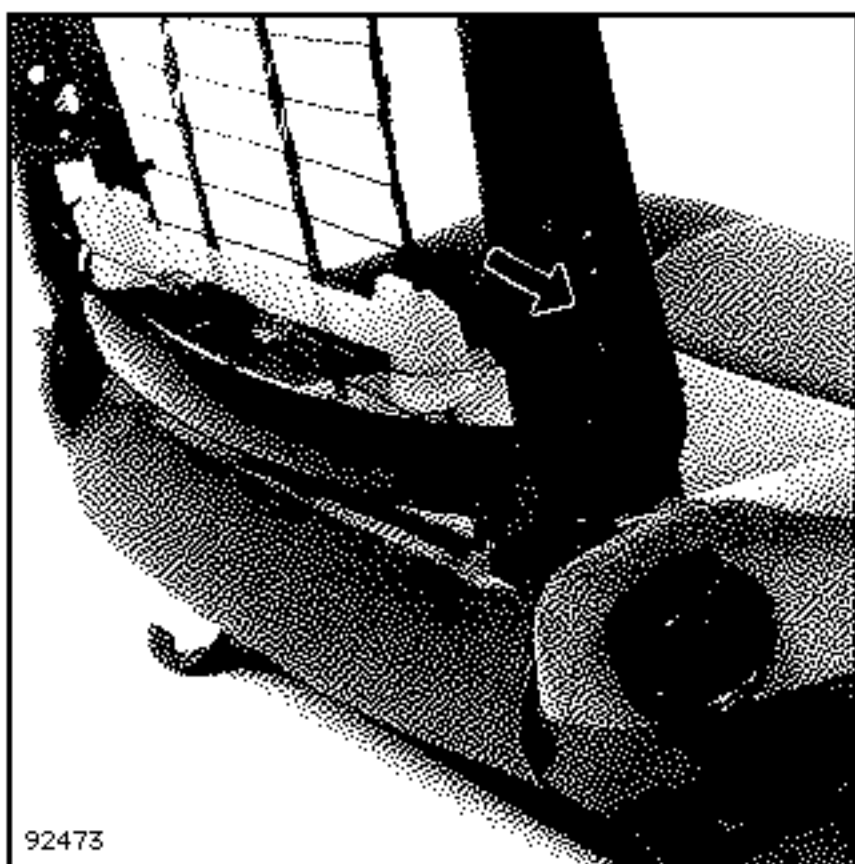
- the return spring mounted on the seat squab frame,
- the adjusting base.

## REFITTING

When refitting mounting bolts (B) and (E) ensure that the shoulder on the bolt is correctly located in its position on the side pillars of the adjusting base.

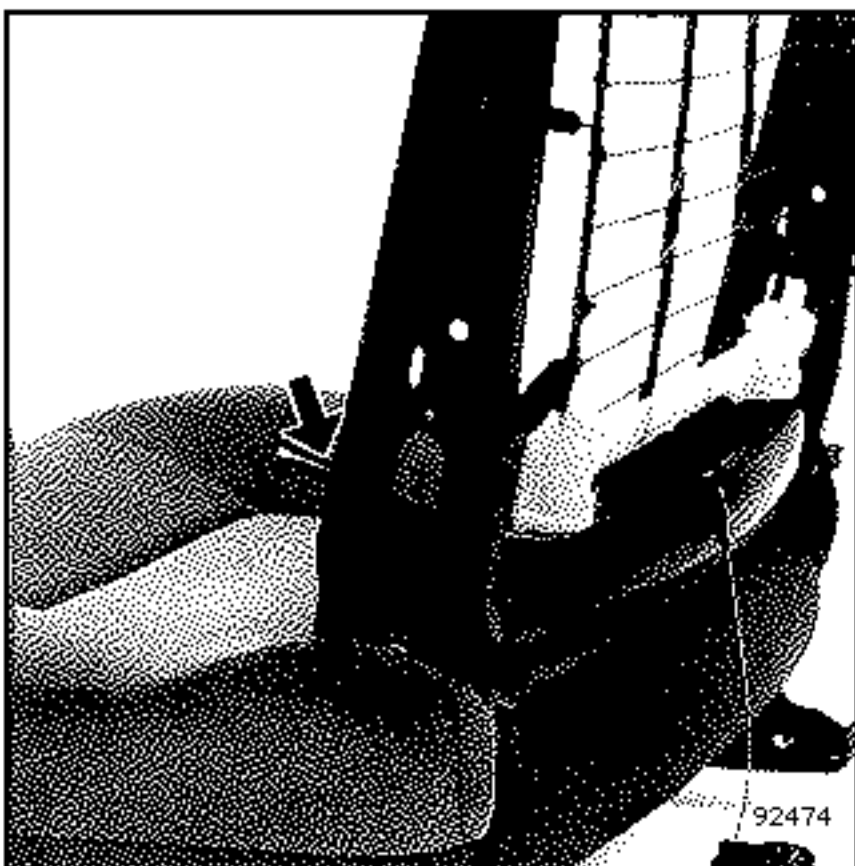
## LUMBAR ADJUSTMENT MECHANISM

### REMOVAL

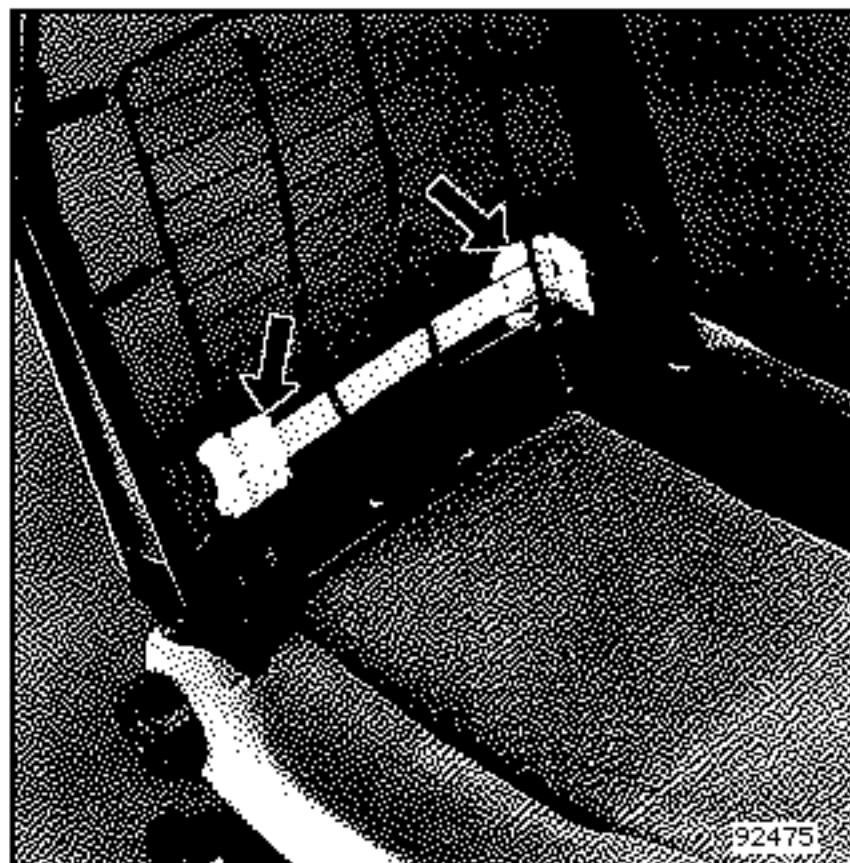


After removing the seatback trim (see 77A), adjust the mechanism to the relaxed position.

Remove the mounting bolt for the control.

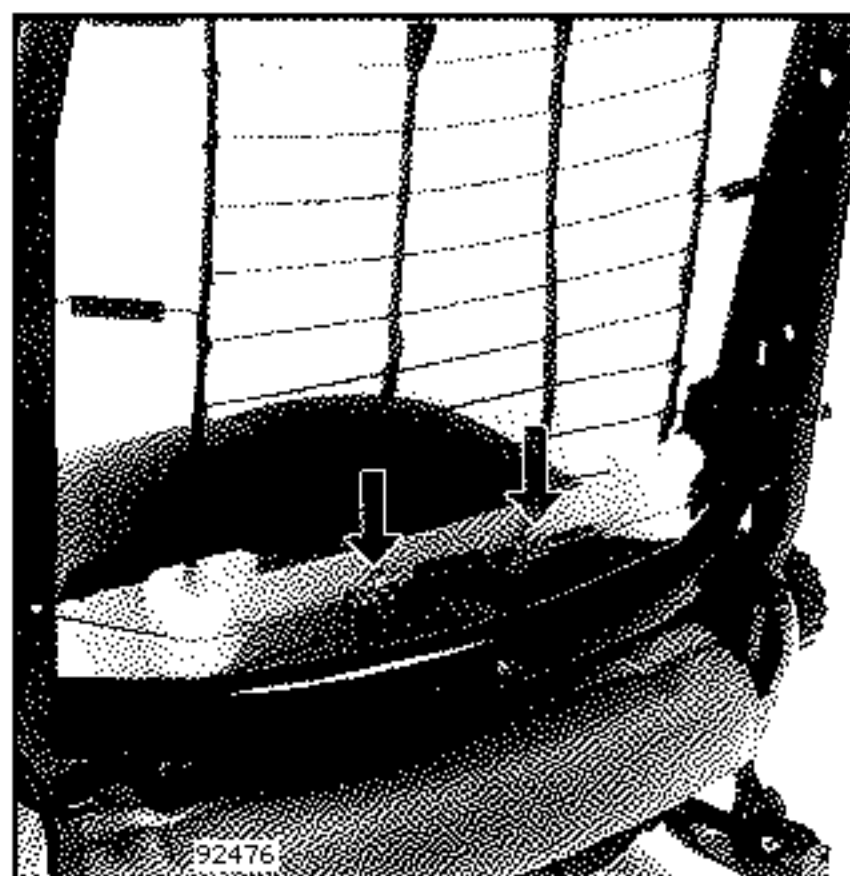


Using a pair of pliers, remove the cable sleeve stop to allow it to pass through the frame.



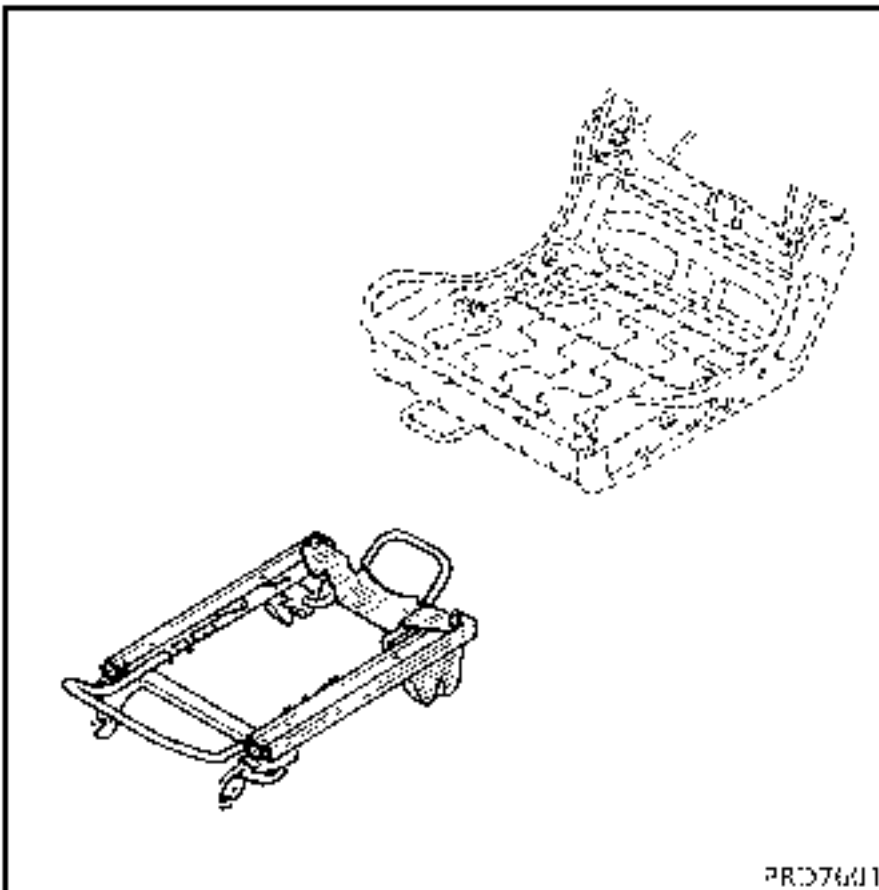
Open the two housings by unclipping them to remove the plastic guide.

### REFITTING

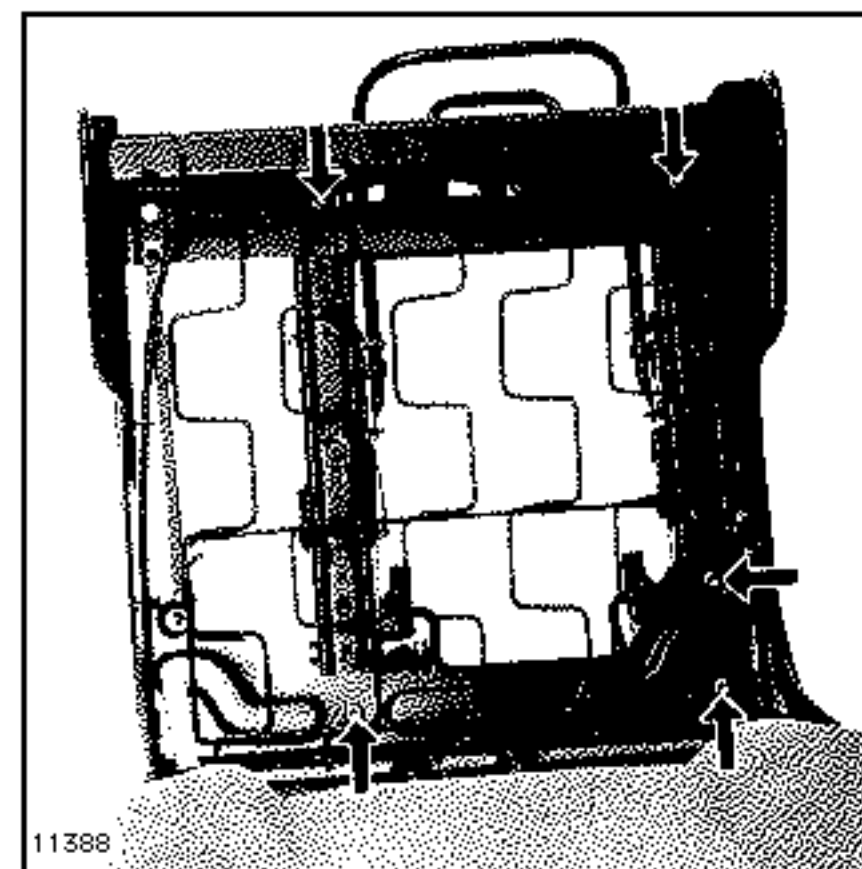


Refit the assembly, finishing off by assembling the two cables on the central spring.





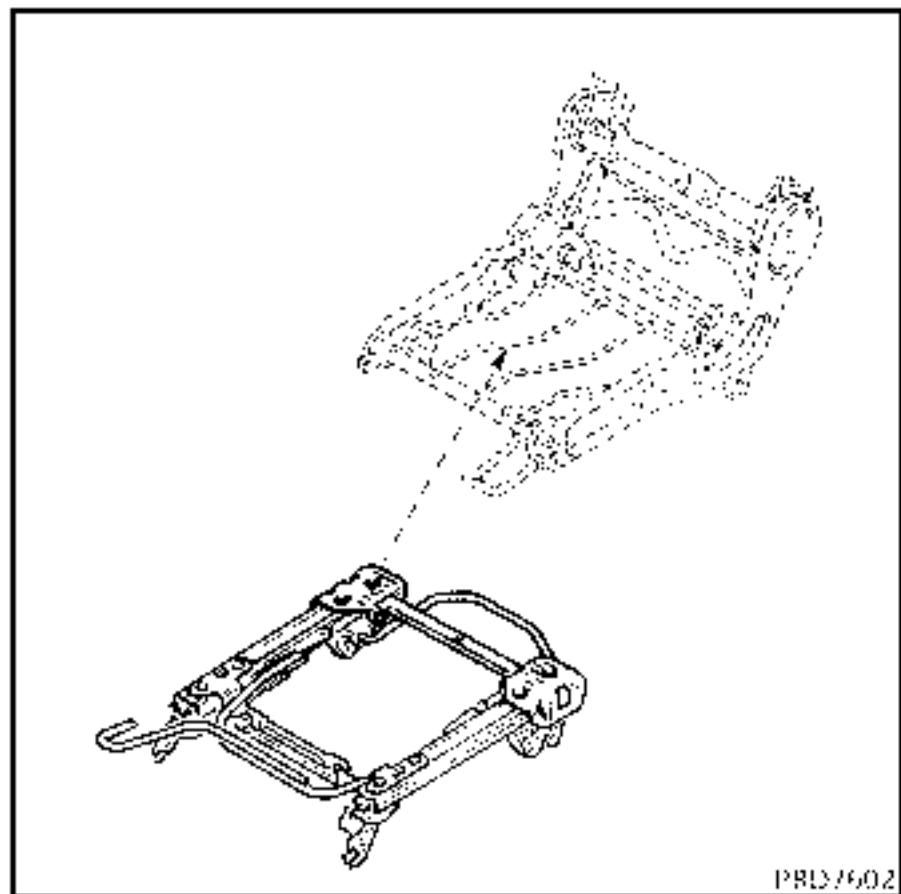
REMOVING THE SIDE SEAT ADJUSTING BASE



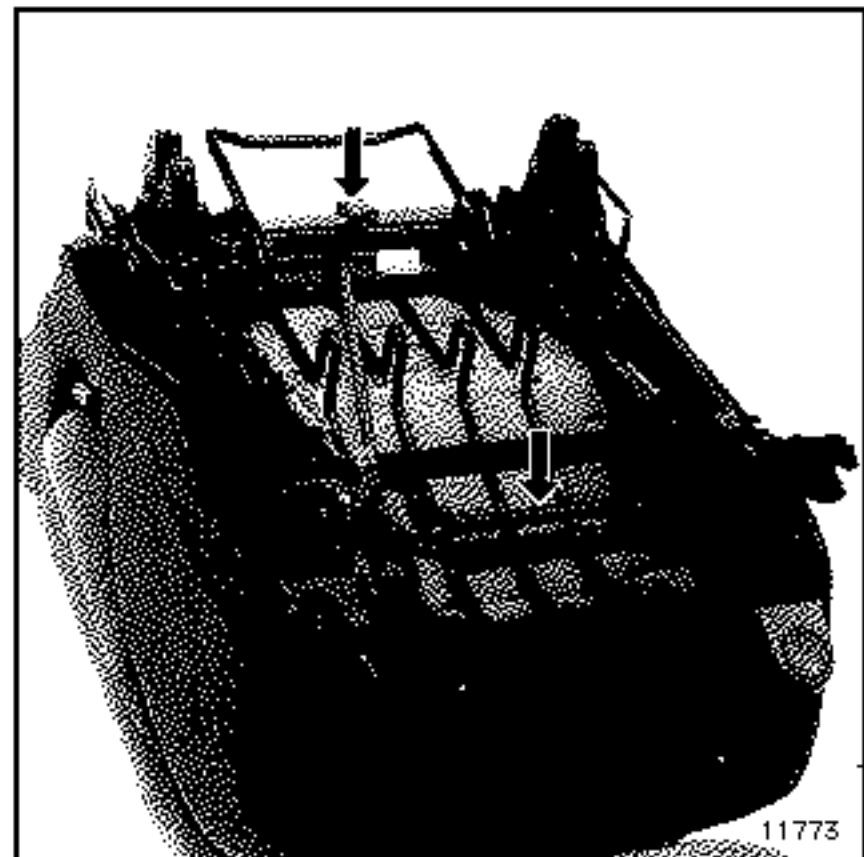
- Remove:
- the seat squab trim (see 78A),
  - the five mounting bolts for the adjusting base / runners assembly on the seat squab frame

Remove the adjusting base / runners assembly.

REMOVING THE CENTRE SEAT ADJUSTING BASE

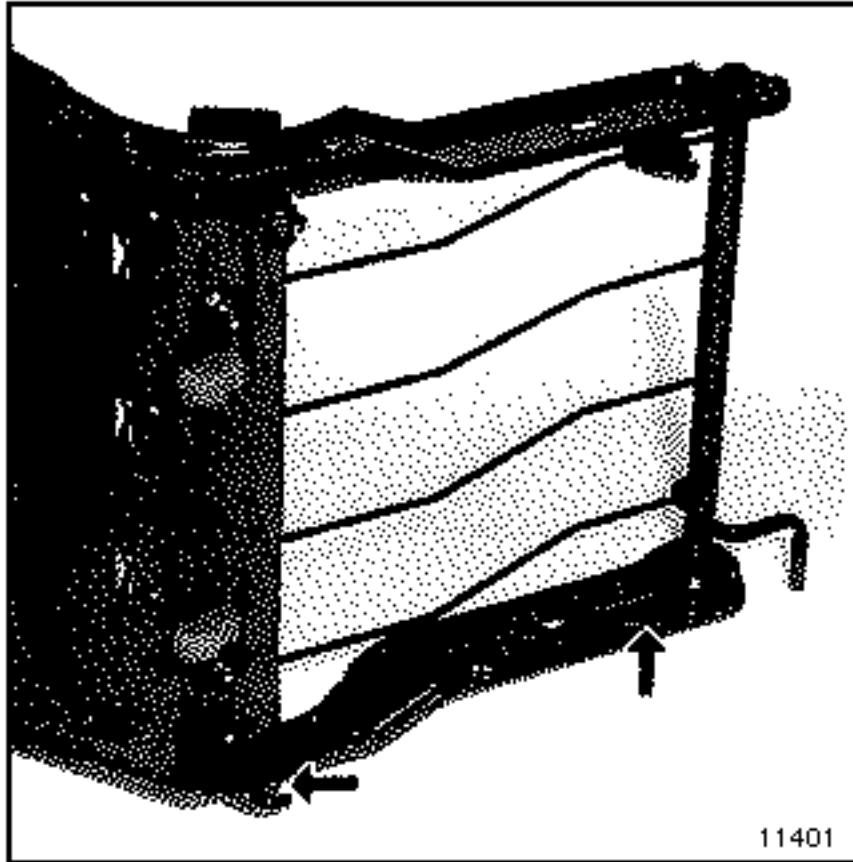


The seat squab trim does not need to be removed to carry out this operation



Pull the red transverse bar towards the front of the seat to release the adjusting base / runners assembly.

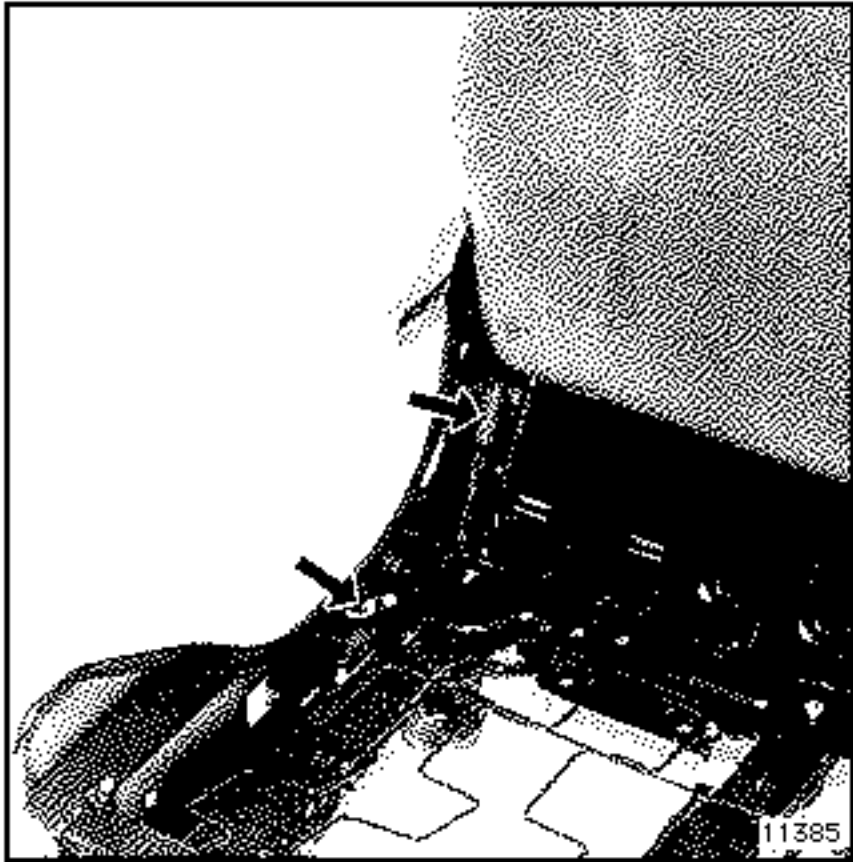
Remove the safety bolt which retains the adjusting base.



11401

Remove the adjusting base / runners assembly from the seat squab frame at the two retaining pins at the rear.

**REMOVING THE CABLES FOR RELEASING THE RUNNERS ON THE SIDE SEATS**



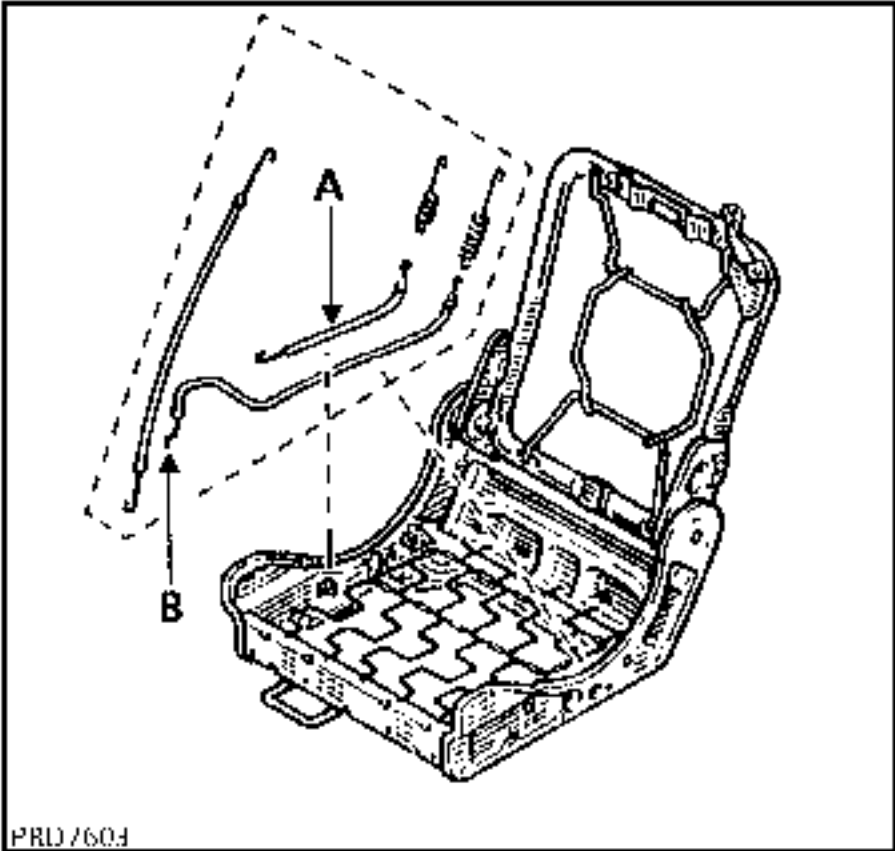
11385

**Removing the control cable from the runner locating finger (A)**

Remove the seat squab trim (see 78A).

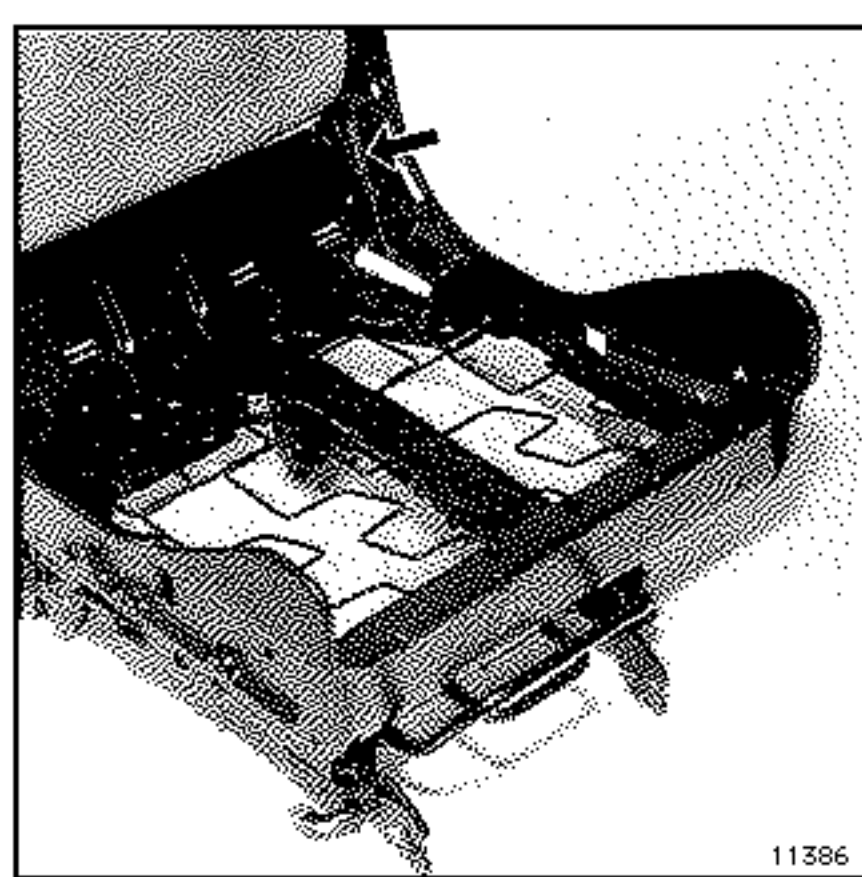
Release the cable sleeve stop so the upper spring may be removed from its location on the seatback frame.

Remove the drive finger from the lower section and the end of the cable from its location on the frame.



PRD/604

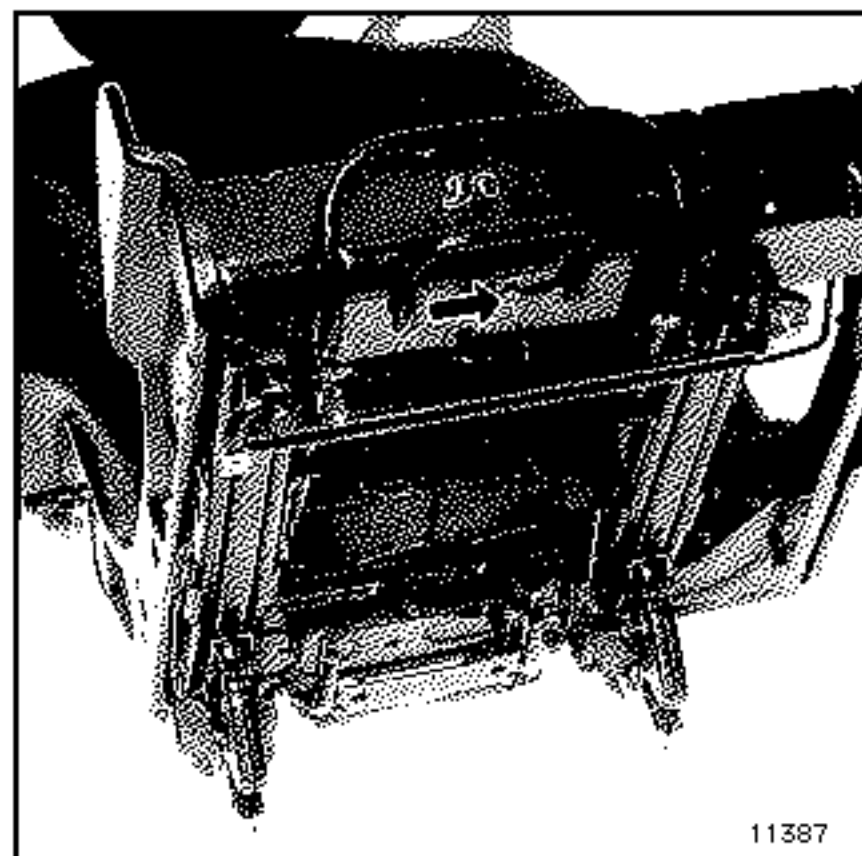
These two cables allow the seat runners to be released when the seatback is folded down on the seat squab. It is then possible to freely move the seat forwards or backwards.



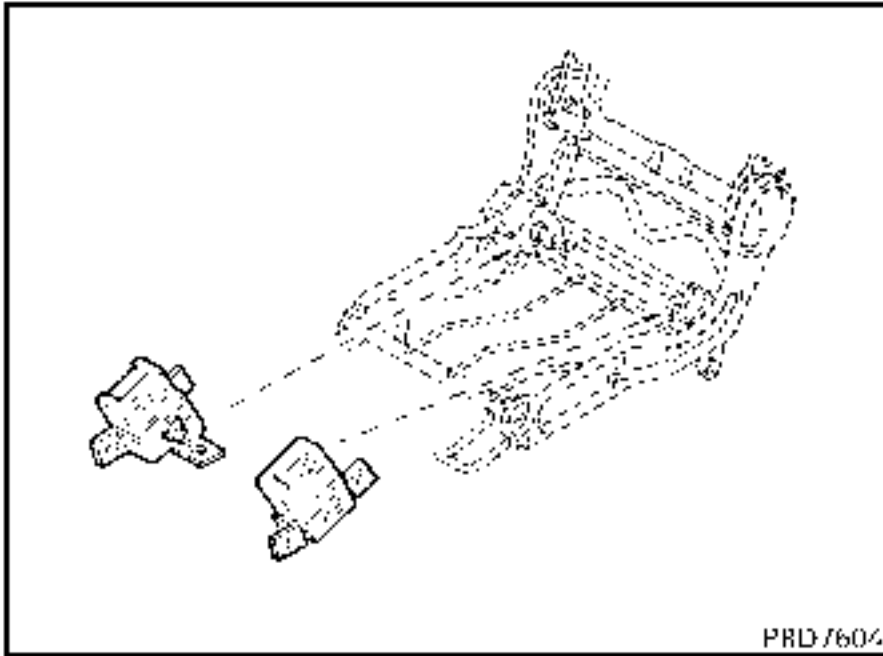
- the lower cable sleeve stop and release the cable from its location on the runner releasing handle,
- the cable.

#### Removing the control cable for releasing the runner control handle (B)

Pull the cable back from the seat frame along its complete length and remove the cable sleeve stop at the upper section to allow the spring to be released from its location on the seatback frame.







PRD 7604

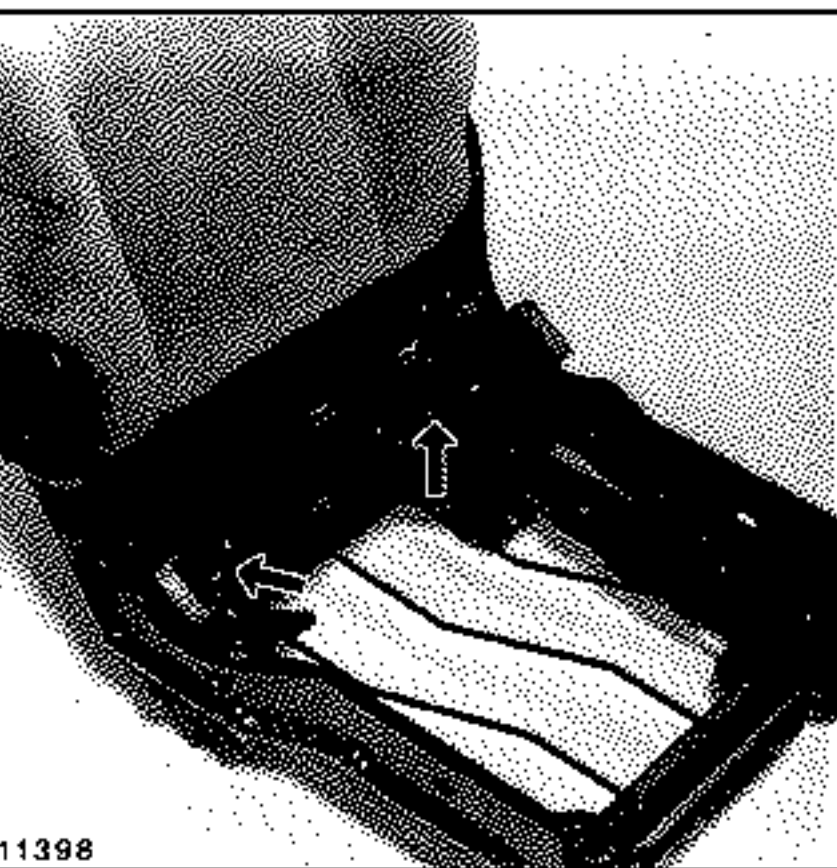
TIGHTENING TORQUES (in daN.m)



Seat belt mounting bolt

2.5

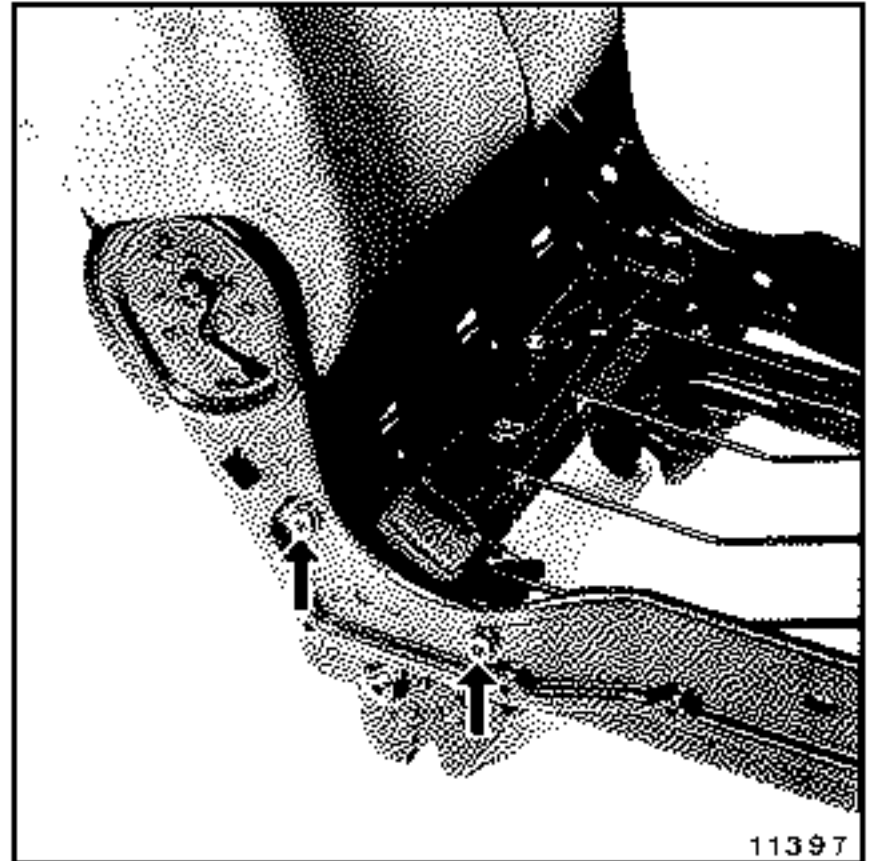
REMOVING THE STALKS FOR THE CENTRE SEAT



11398

Remove:

- the seat squab trim (78A),
- the inner mounting bolt for the bracket mounting the stalk to the seat,

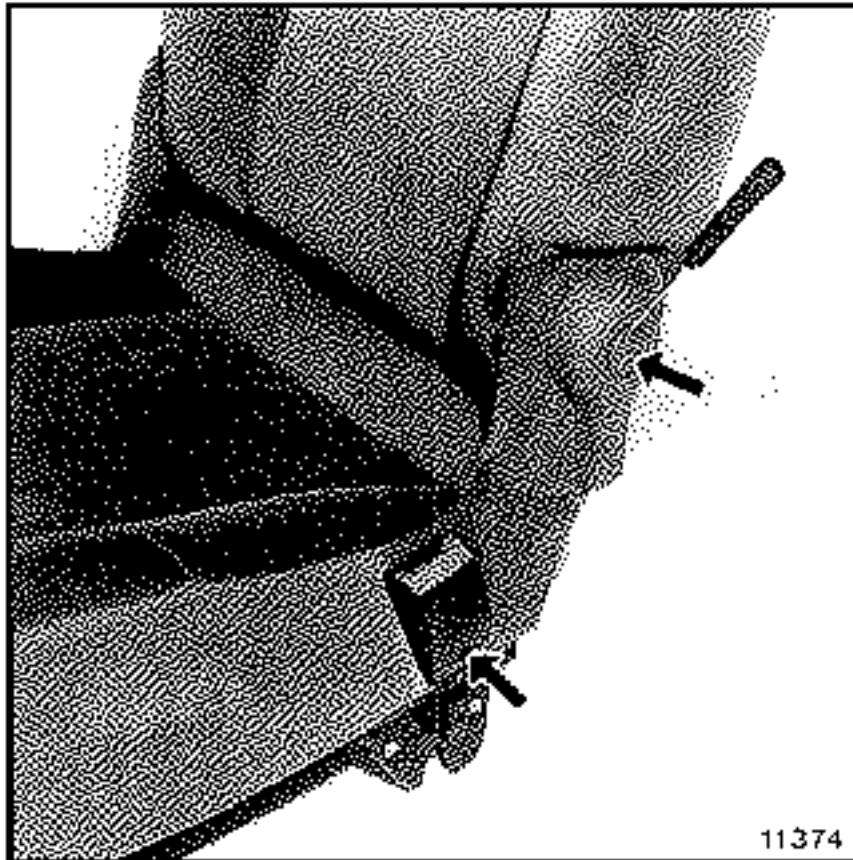


11397

- the two side mounting bolts and remove the stalk / plate assembly.

Using a screwdriver (Torx 40) remove the stalk from the mounting plate.

## REMOVING THE STALKS FOR THE SIDE SEAT

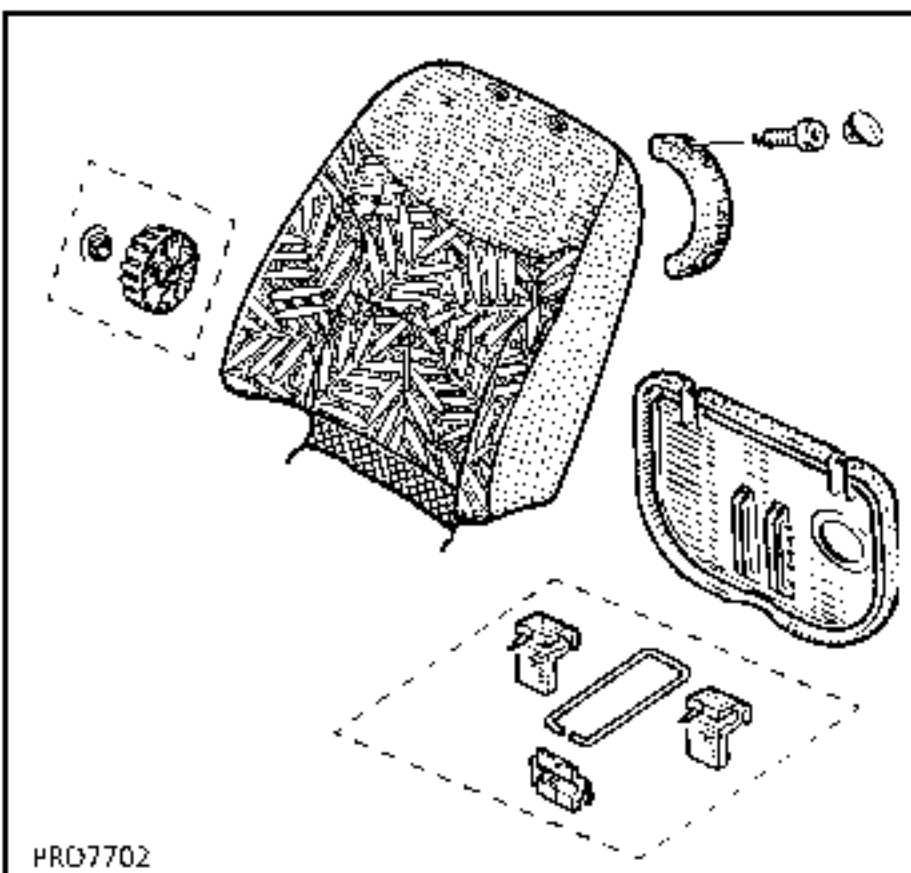


Using a screwdriver (Torx 40) remove the stalk from its location on the seat squab frame.

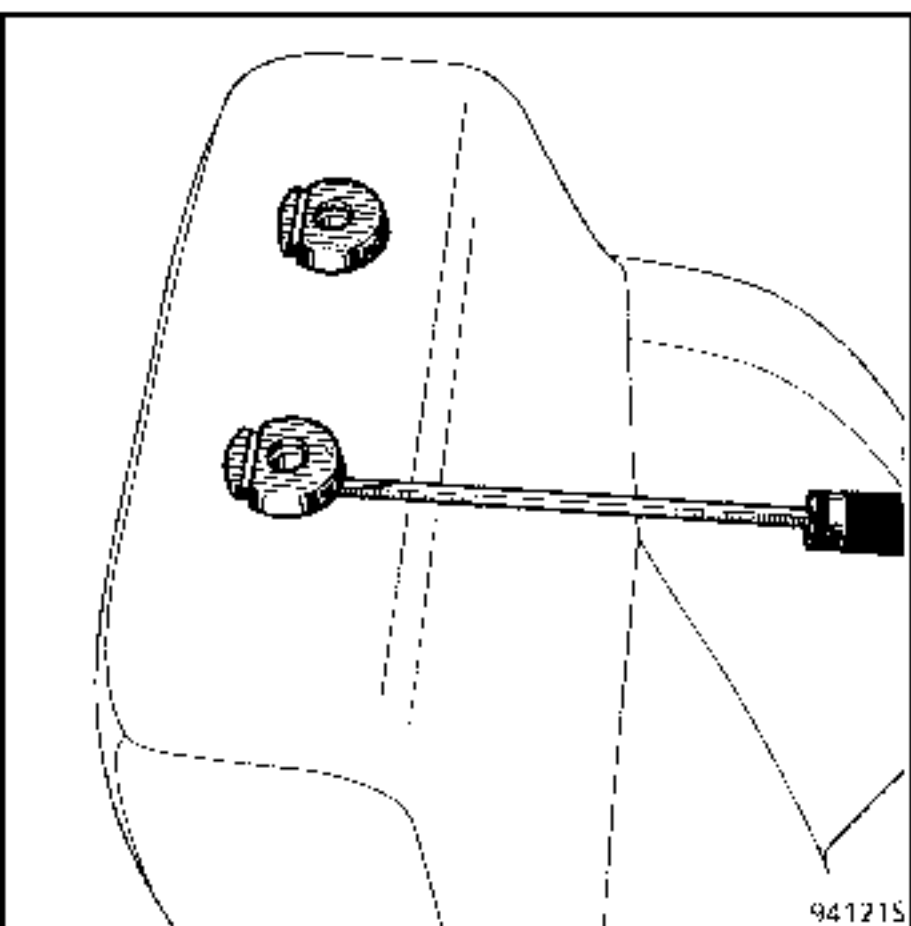
## REFITTING

When refitting, remember to refit the anti-rotation bracket for the stalk, located between the seat frame and the stalk.

The left and right hand stalks do not use the same diameter mounting bolt and errors are therefore avoided on refitting.



## REMOVAL

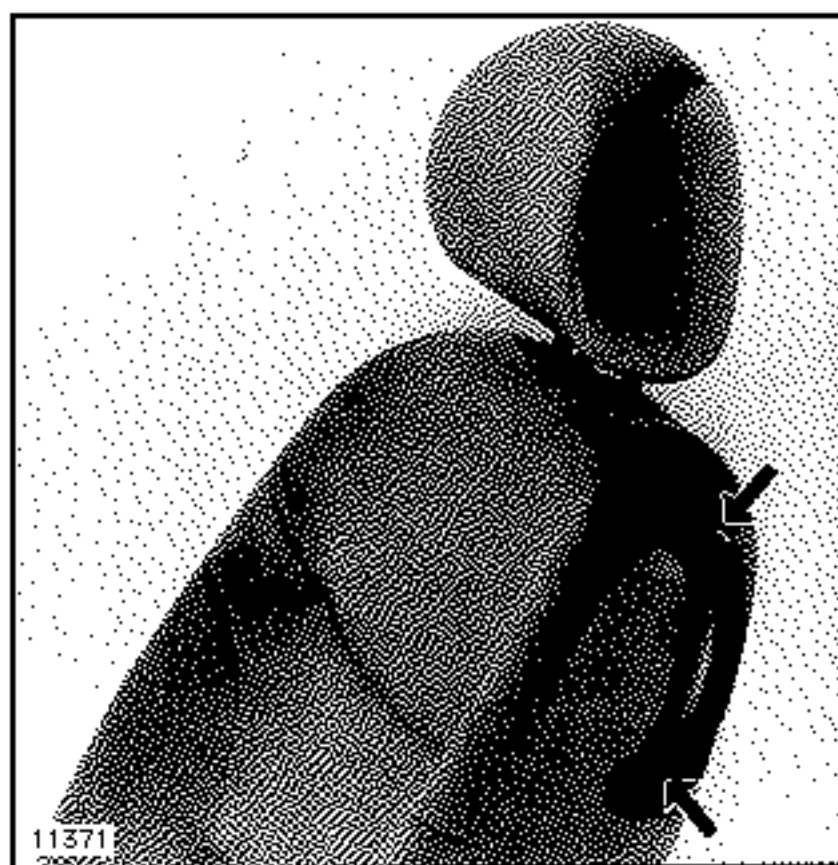


Remove:

- the seat (see 75A),
- the head restraint and the upper parts of the head restraint guide.

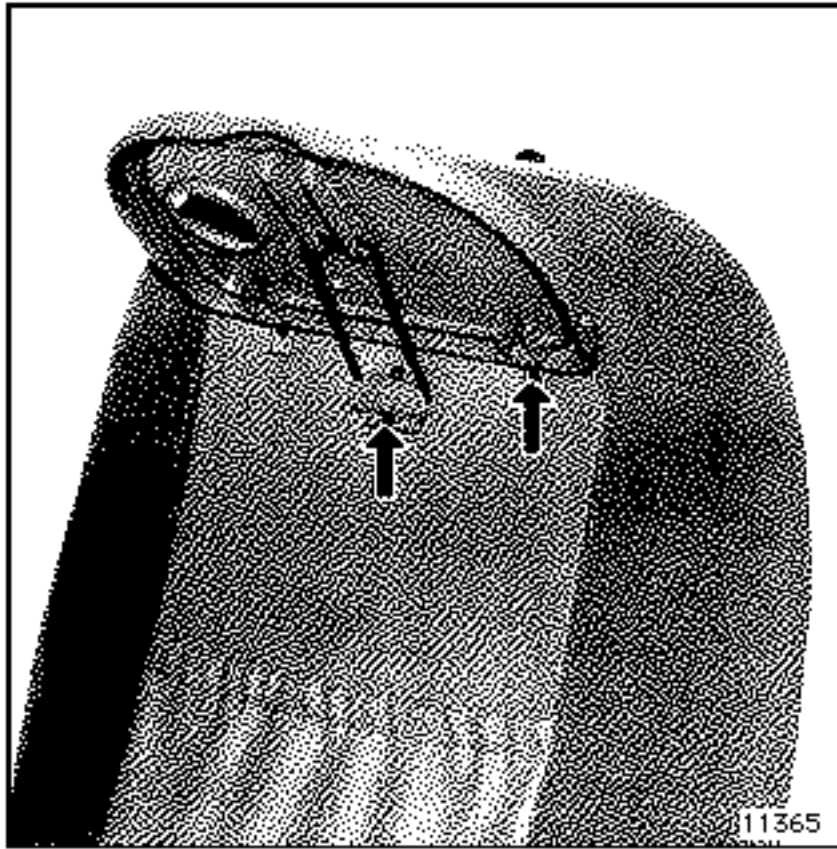


Remove the centre cover for the lumbar adjustment tumblwheel and then remove the control.



Remove:

- the two covers on the handle (passenger seat),
- the two mounting bolts and remove the handle.

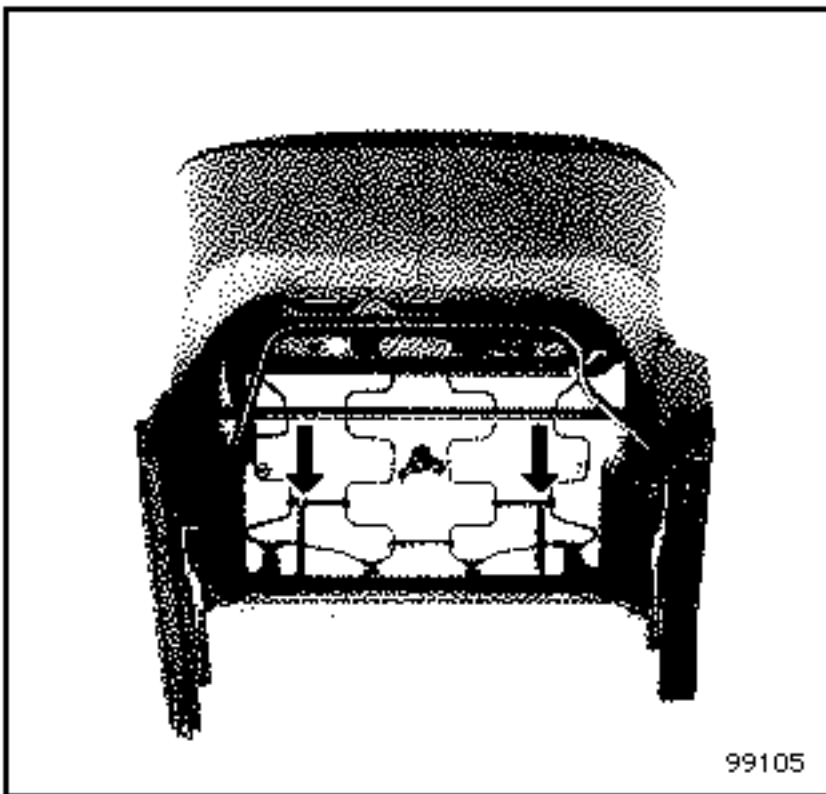


11365

Lift the tray mounted on the back of the seatback.

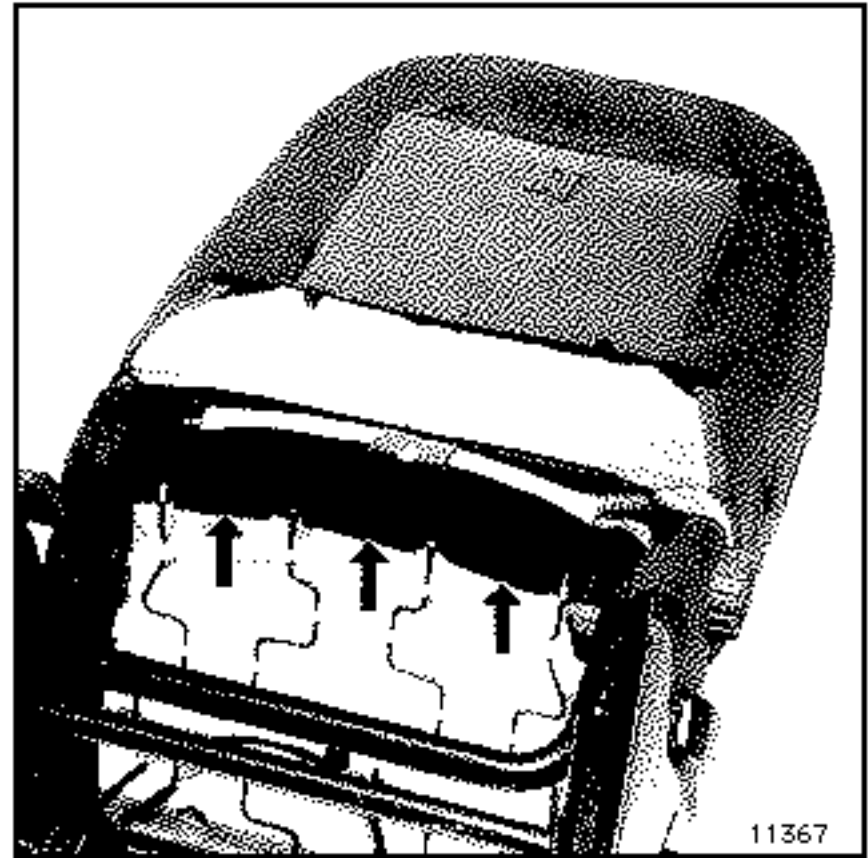
Remove:

- the four rivets mounting the tray / retaining bracket assembly,
- the plastic spacer located under the retaining bracket.



99105

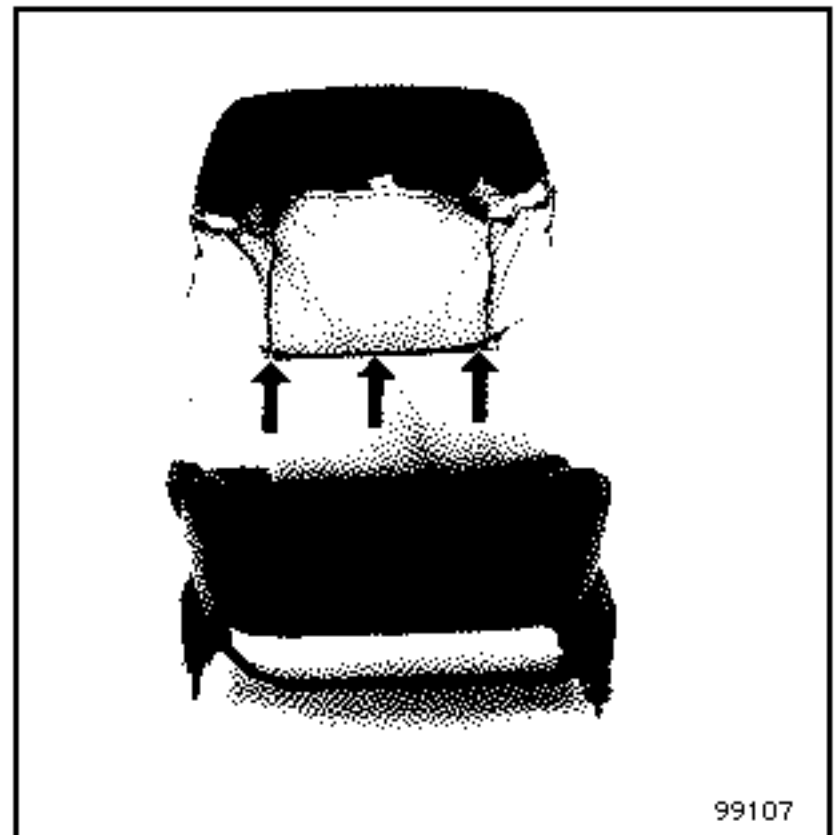
Cut the clips for the two foam pieces under the seat squab



11367

fold back the edge of the trim and unclip the trim on the seat squab.

Pass the trim between the setback frame and the seat squab, at the front of the seat.



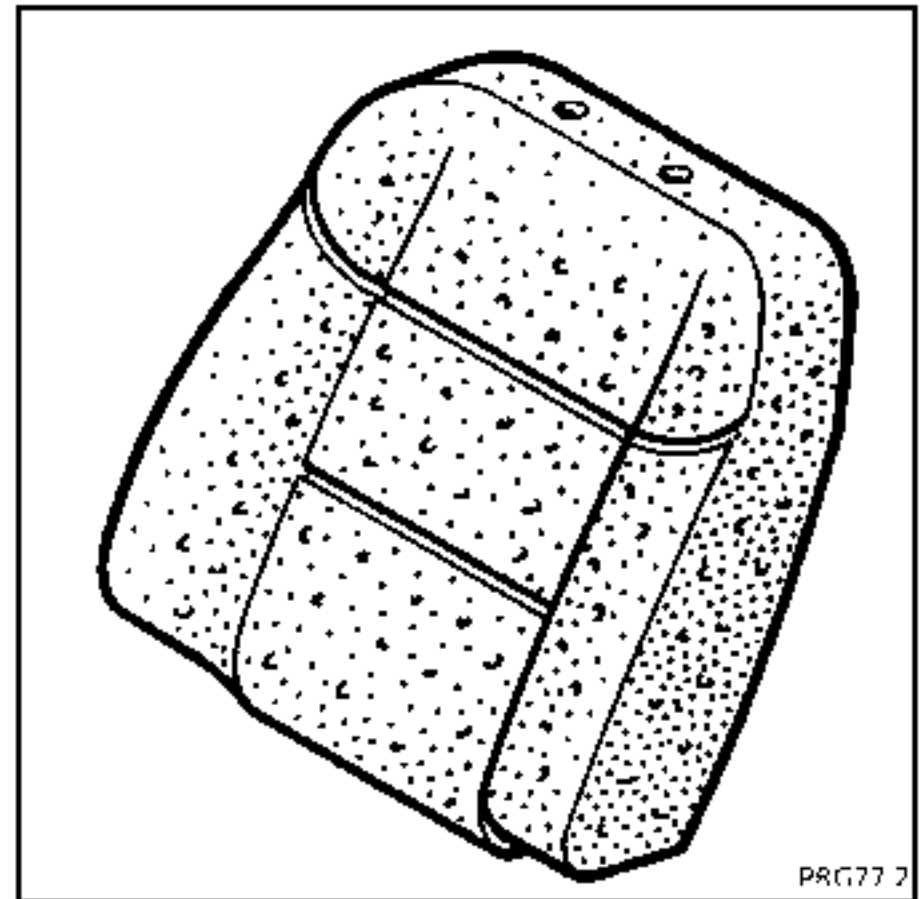
99107

Turn the trim over progressively and cut the three clips.

## REFITTING

To refit the tray, use the following rivets:

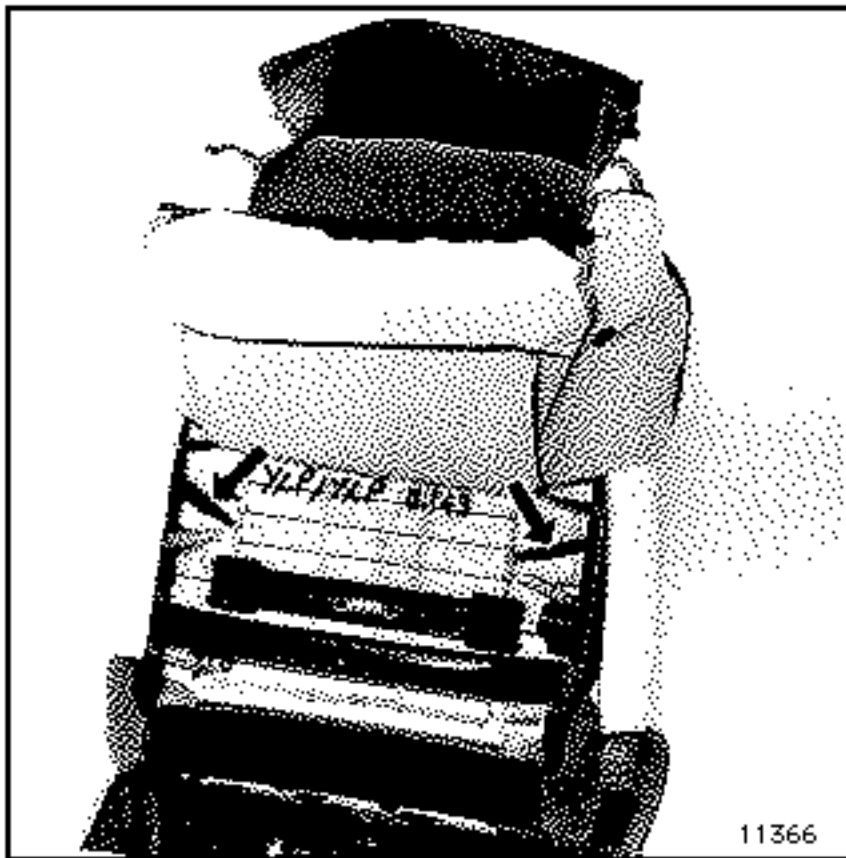
- tray pin mountings: 2 rivets diameter 4 L10  
Part Number 77 03 072 205
- retaining plate mountings : 2 rivets diameter 4.8 L18 Part Number 77 03 072 279.



PRG77 2

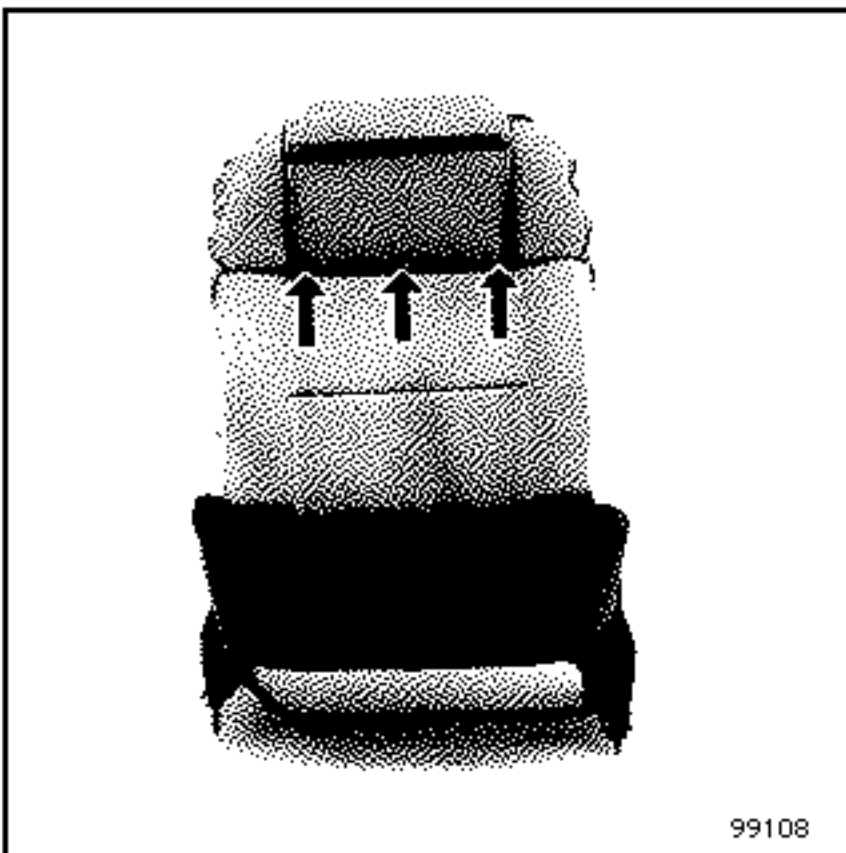
**IMPORTANT:** when refitting, do not tear the foam joins as a difference in level between the two sections will be visible once the seat trim has been refitted.

**NOTE :** remember to refit the plastic spacer located between the centre retaining bracket for the tray and the seatback trim.



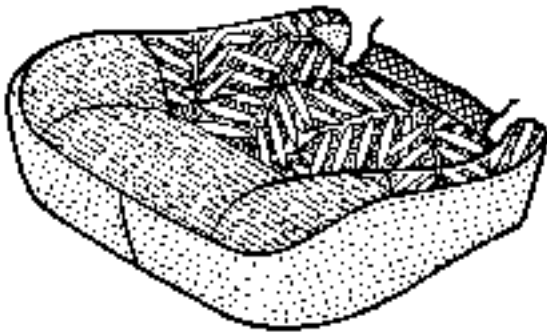
11366

Cut the clips holding the two foam pieces mounted on the seatback frame.



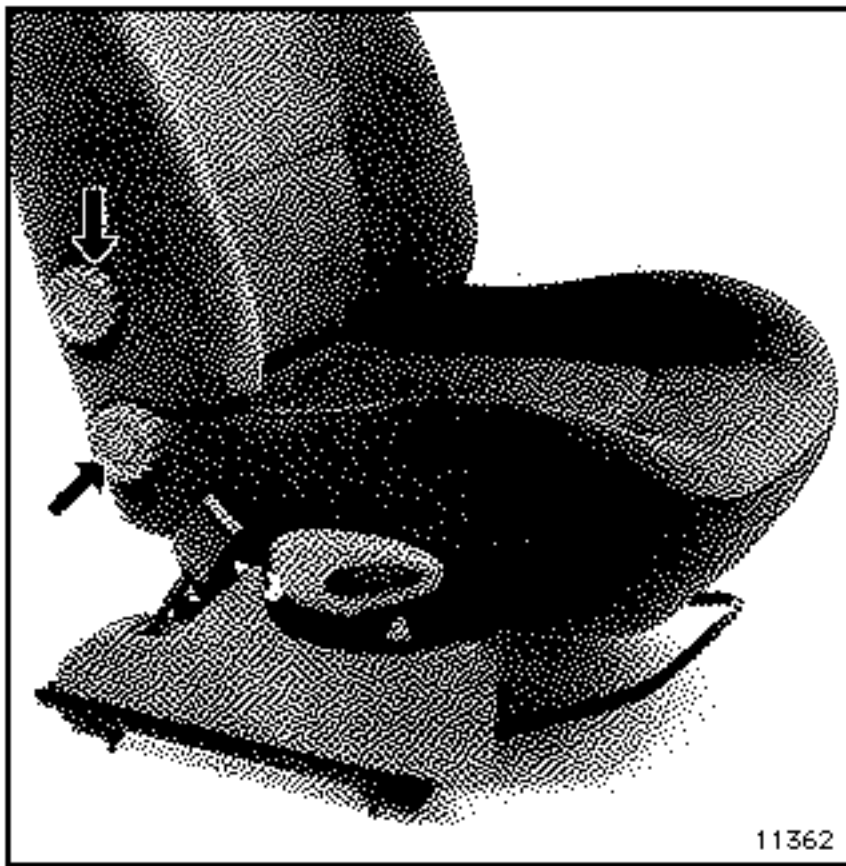
99108

Cut the three clips and remove the trim.



PRD7701

## REMOVAL

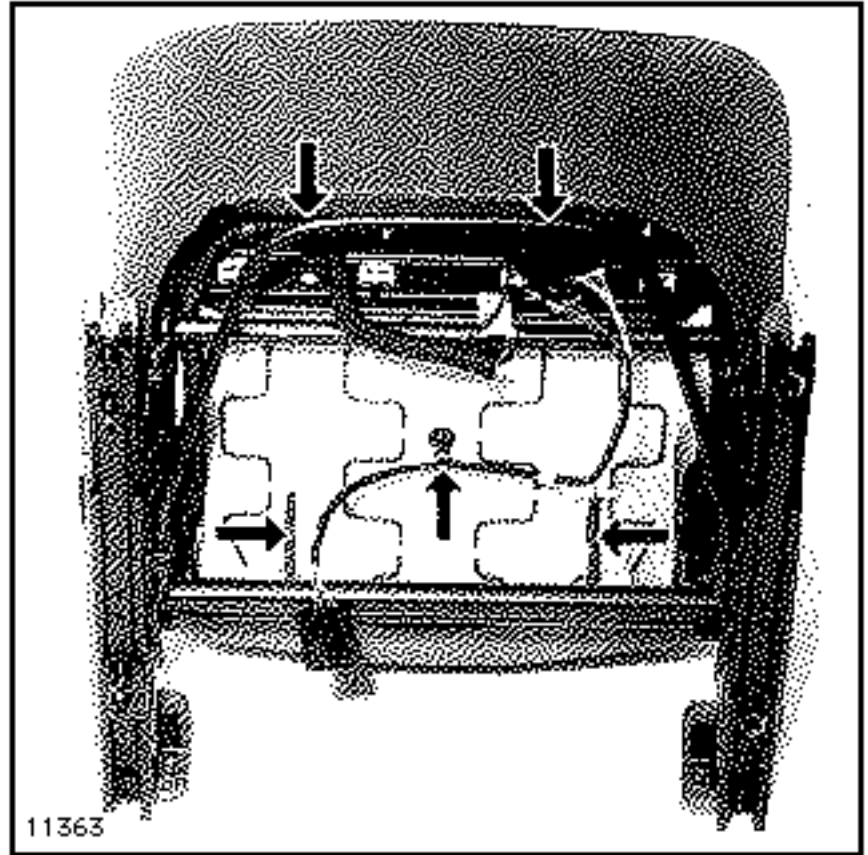


11362

Remove:

- the seat (see 75A),
- the runner covers (two mounting bolts, one of which is at the runner rail level).

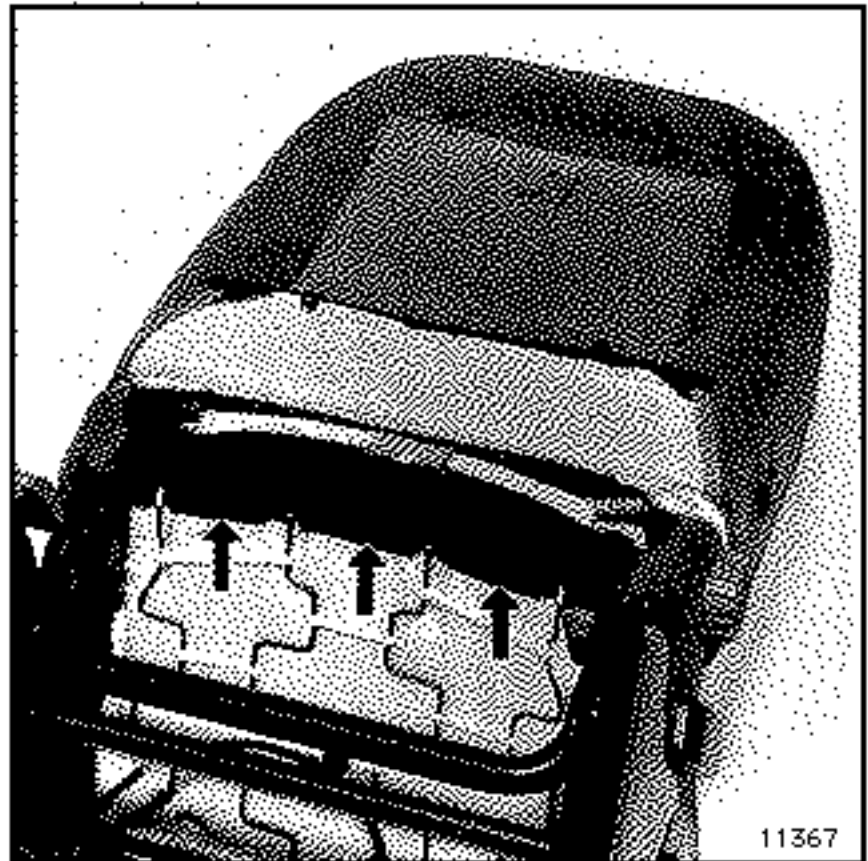
Remove the centre cover for the seatback angle adjustment tumblewheel then remove the tumblewheel.



11363

Remove the two clips for the foam sections under the seat squab.

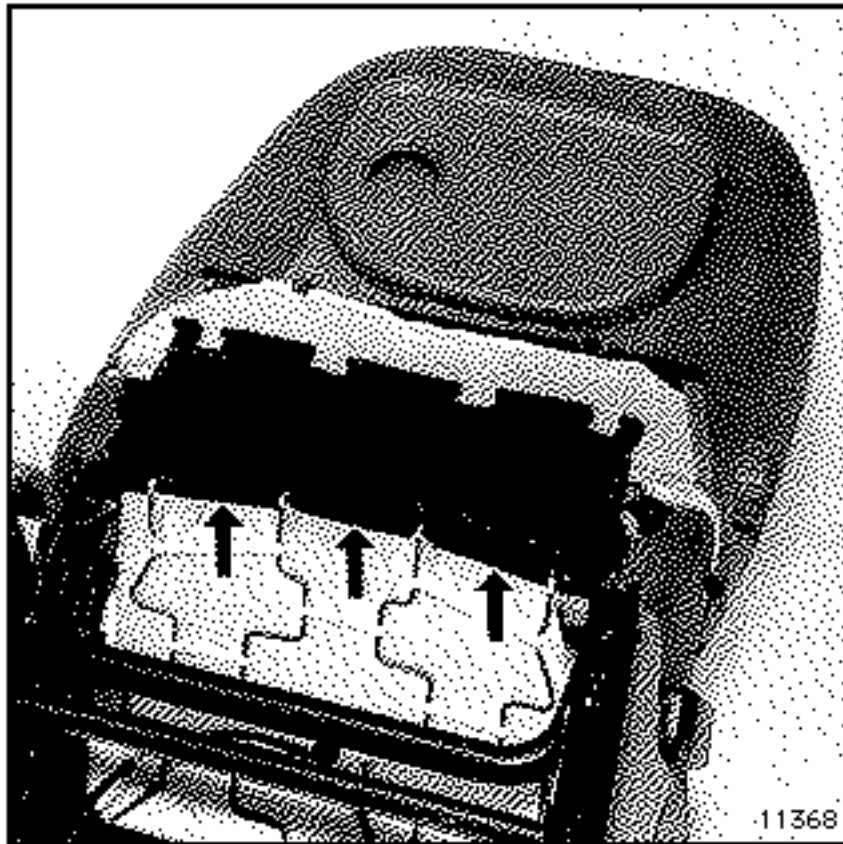
Remove the retaining clips for the wiring in the centre of the seat squab frame.



11367

Lift the rear edge of the seatback trim and unclip the front edge of the seatback trim.



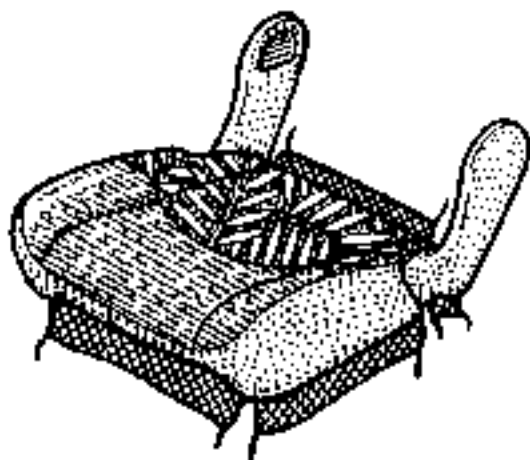


Unclip the rear edge of the seat squab trim.

Release the trim at the adjustment tumblewheel on each side.

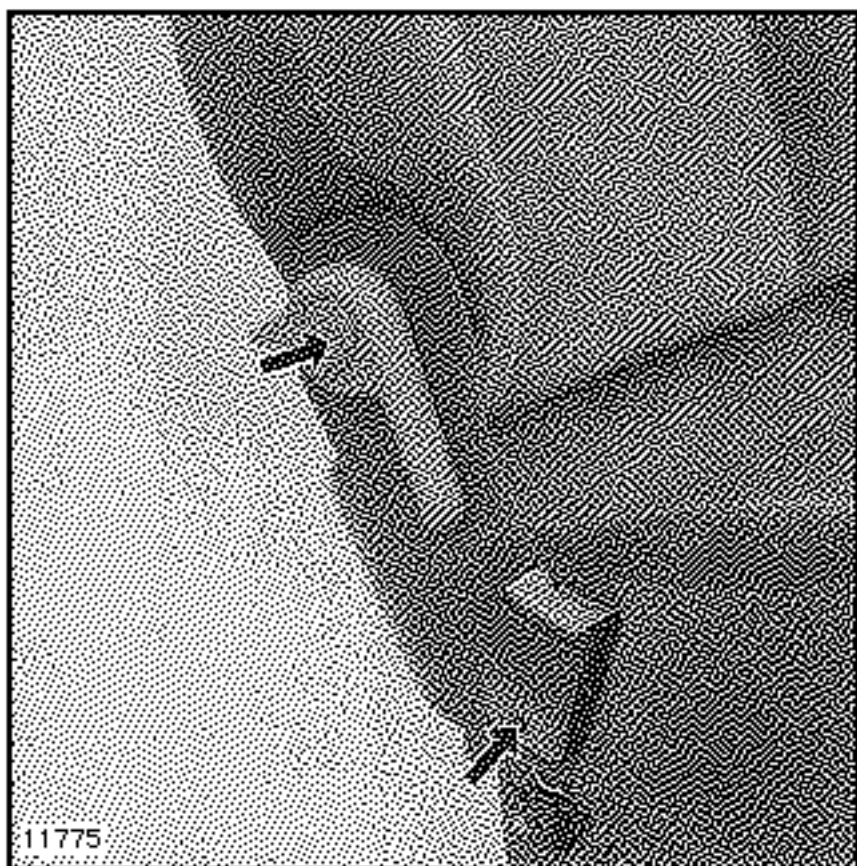
Remove the trim / foam assembly.

**NOTE :** the seatback trim is bonded to the seat squab foam and is not available as a single part from the Parts Department.



PRD/801

## REMOVAL

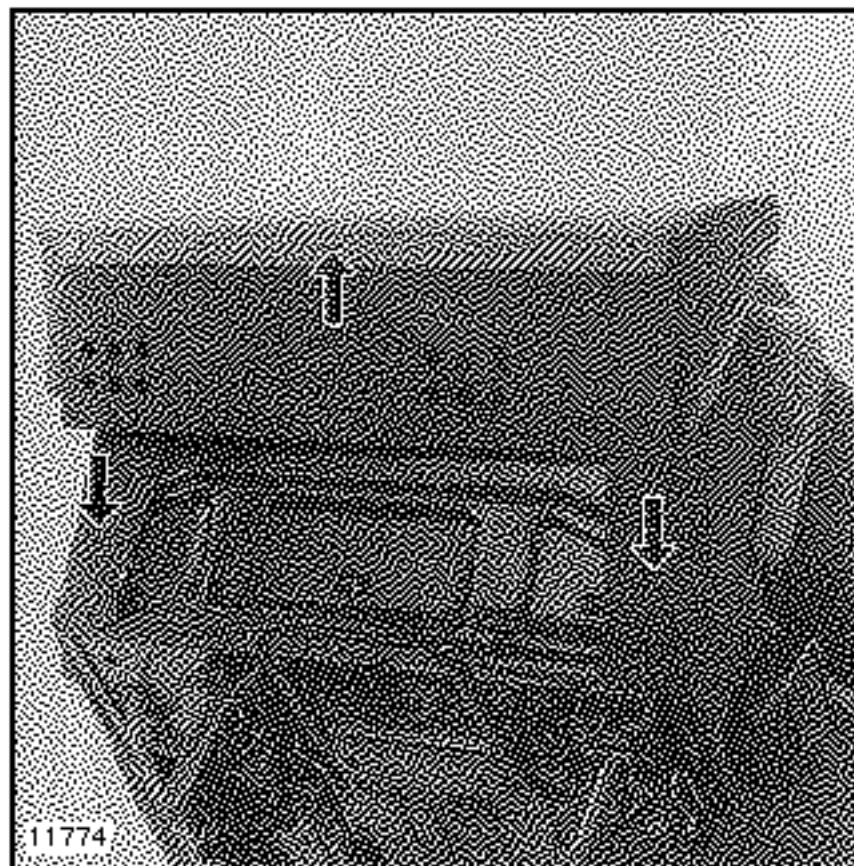


Remove the seat from its location in the vehicle.

## Removing the side seat squab trim only:

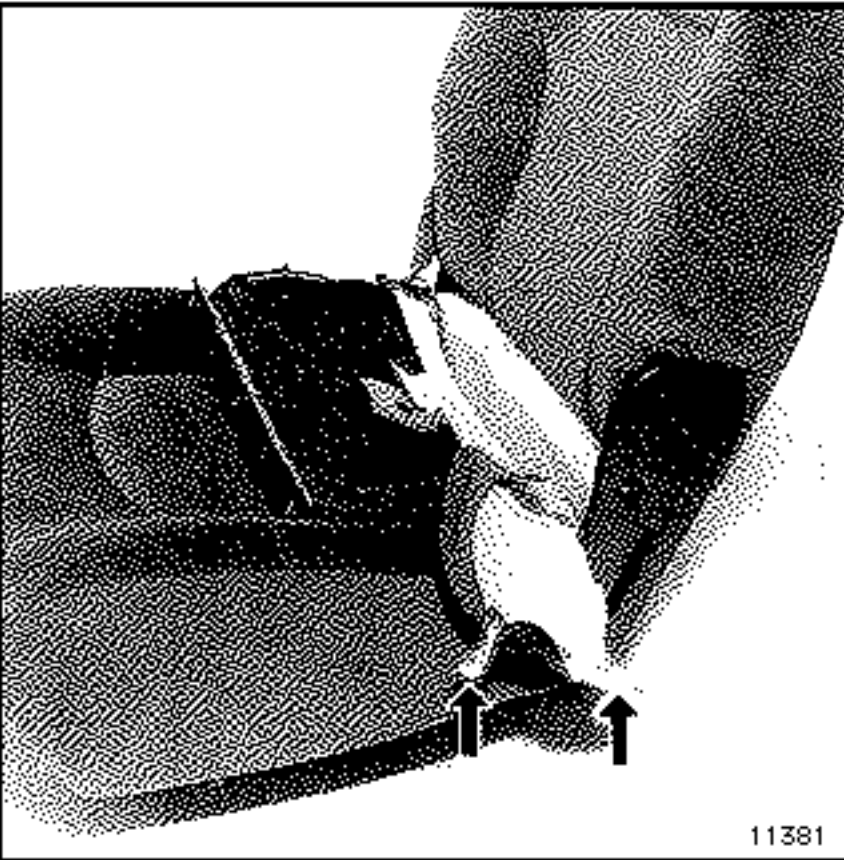
Remove:

- the central cover for the seatback angle handle, then remove the handle,
- the two seat belt stalks mounted on the seat squab frame.



Using SODICAM unpicking pliers, remove the mounting clips on the rear edge of the trim.





Separate the trim at the two "flaps" and cut the clip which holds the trim to the frame (on each side).

Pass the rear edge between the seat squab and the seatback and turn the trim over.

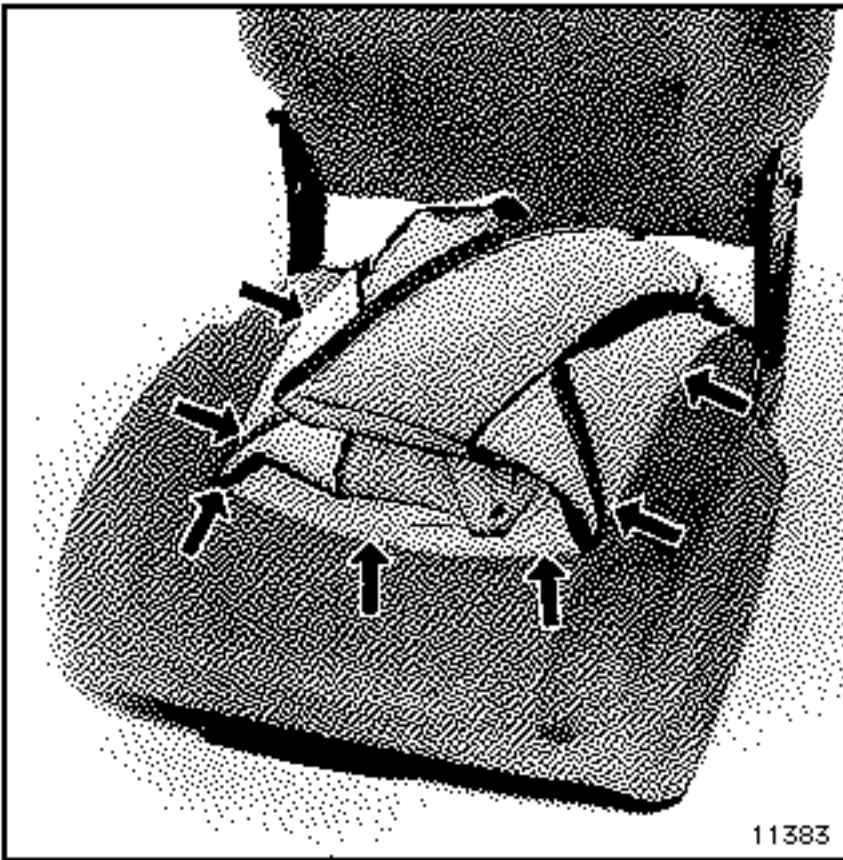


Turn the seat over, so that the SODICAM unpicking pliers may be used (see 50B) to remove all the lower mountings securing the trim to the frame.



Remove the foam strip between the rear of the trim and the seat squab frame.

Cut the clips.

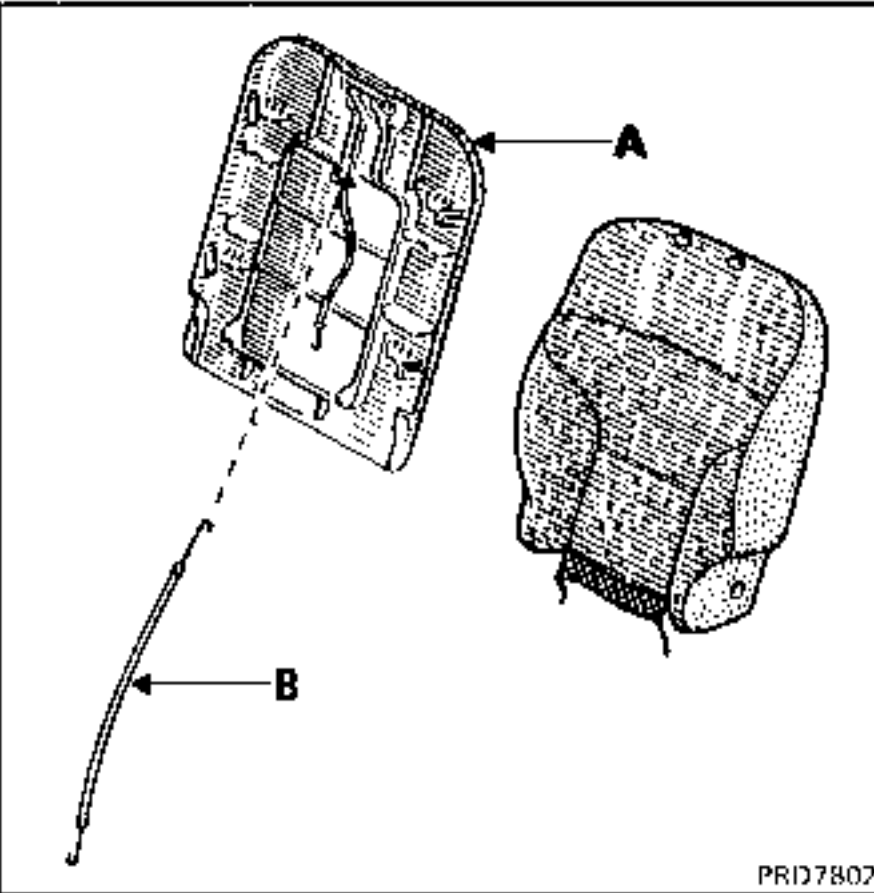


Fold over all the edges of the trim towards the centre of the seat squab to cut the clips at the front and sides.

Remove the trim.

#### REFITTING

Remember to refit the foam strip, offset towards the rear of the seat, before refitting the trim to the seat squab.

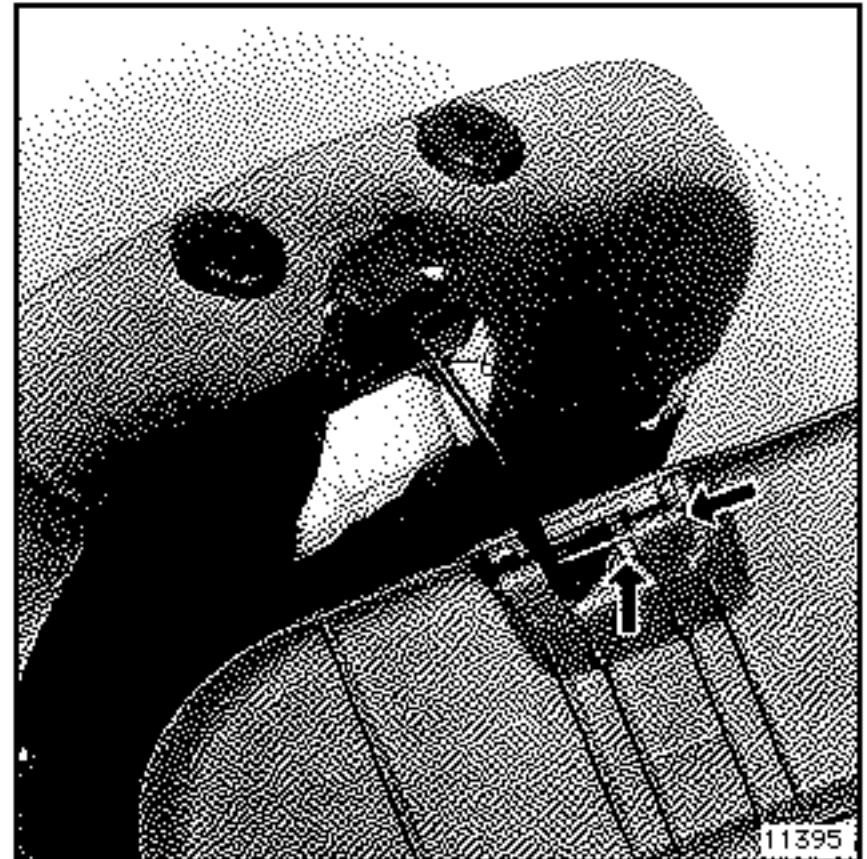


Handle (A) mounted on the upper part of the plastic housing for the seat allows the seatback to be released via cable (B) so the seatback may be folded down onto the seat squab.

## REMOVAL



Remove the four mounting bolts for the plastic housing on the rear of the seatback.



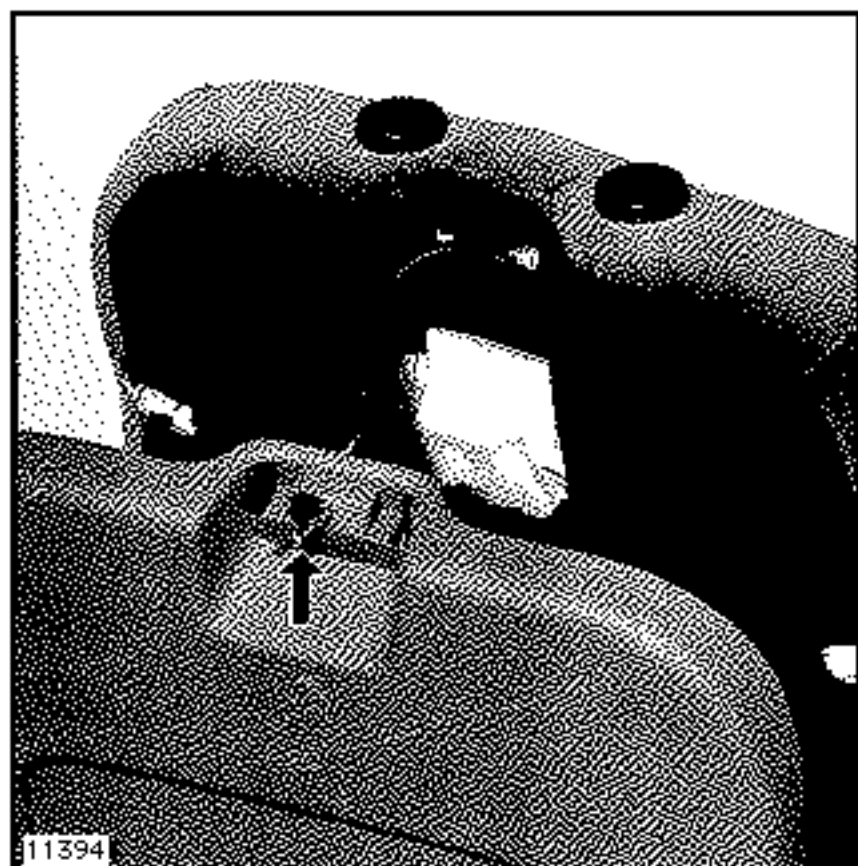
Turn the plastic housing over and remove the handle rotation pin (A).

Remove the "end stop" clip fitted at the cable sleeve stop end.

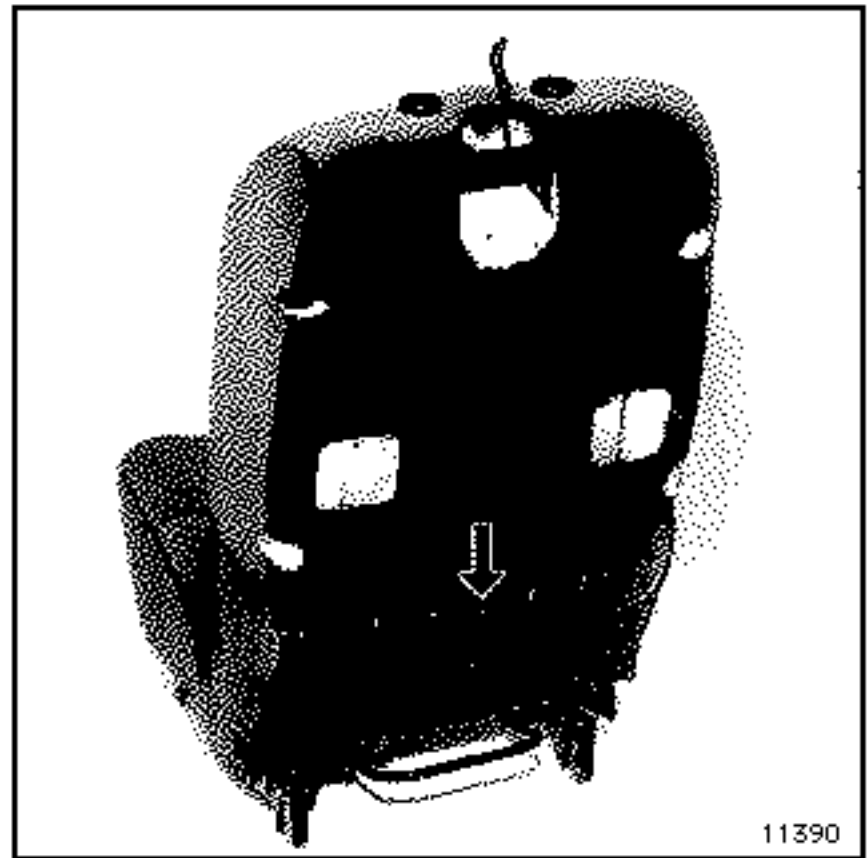


Remove the cable sleeve stop from its location on the plastic housing.

Push the pin mounted at the end of the cable to remove it from its location on the handle.



Pass the pin mounted at the end of the cable through the plastic housing and remove it.



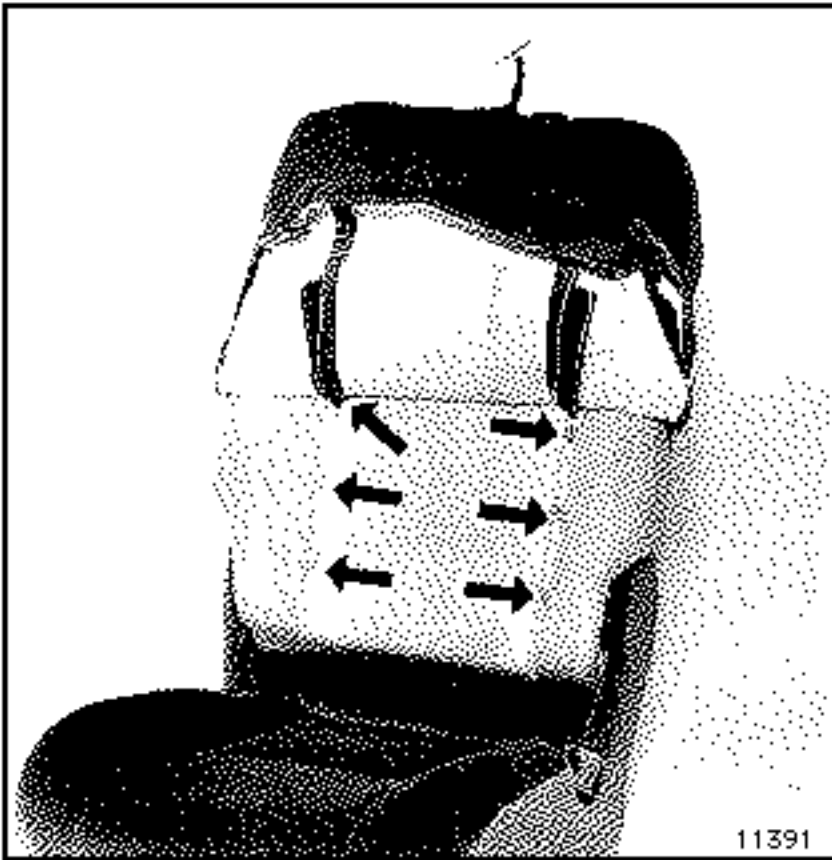
To remove the seat release control cable, part of the trim on the right hand side of the seat squab must be removed, together with the rear edge of the trim.

Remove the lower cable sleeve stop and the cable hook on the seatback release finger.



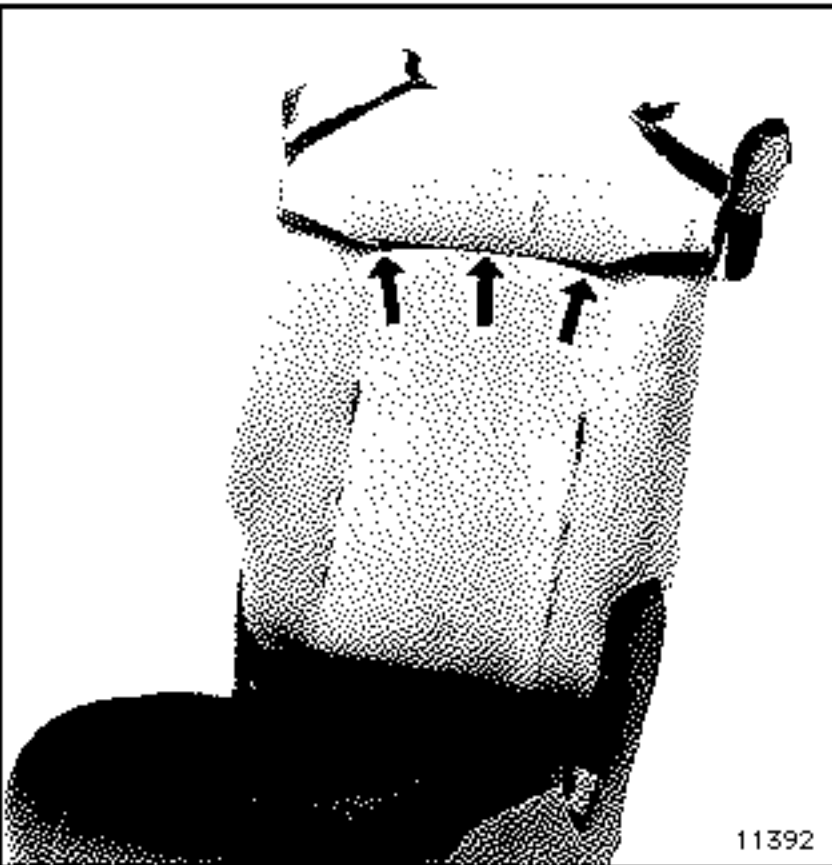
Cut the clips at the rear edge.

Remove the head restraint and the upper parts of the head restraint guide.



11391

Cut the clips at the front of the seatback, moving the trim up progressively.



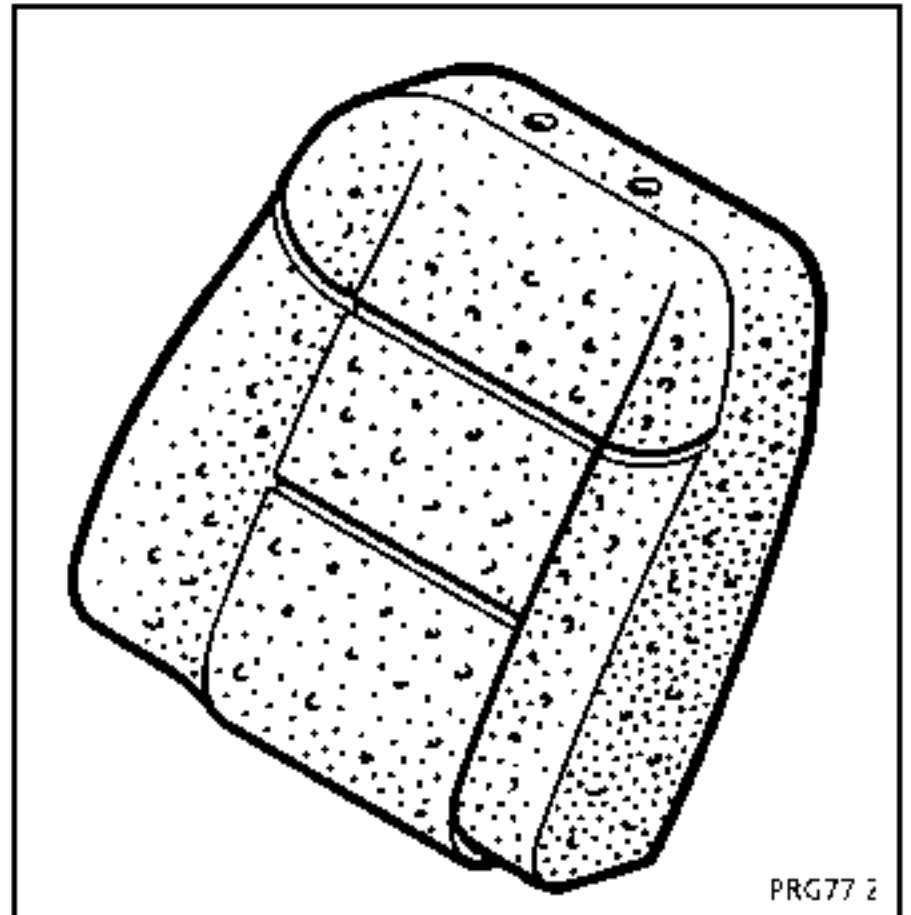
11392

Cut the three clips at the top of the trim and remove it.

#### REFITTING

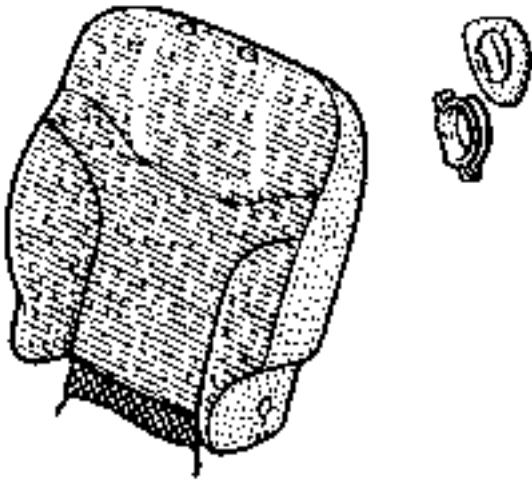
When refitting the seatback release control cable, remember to refit the "end stop" clip, which prevents the cable sleeve stop from coming out of position at the handle.

The cable must be passed under the handle rotation pin before refitting the pin in position on the plastic housing.



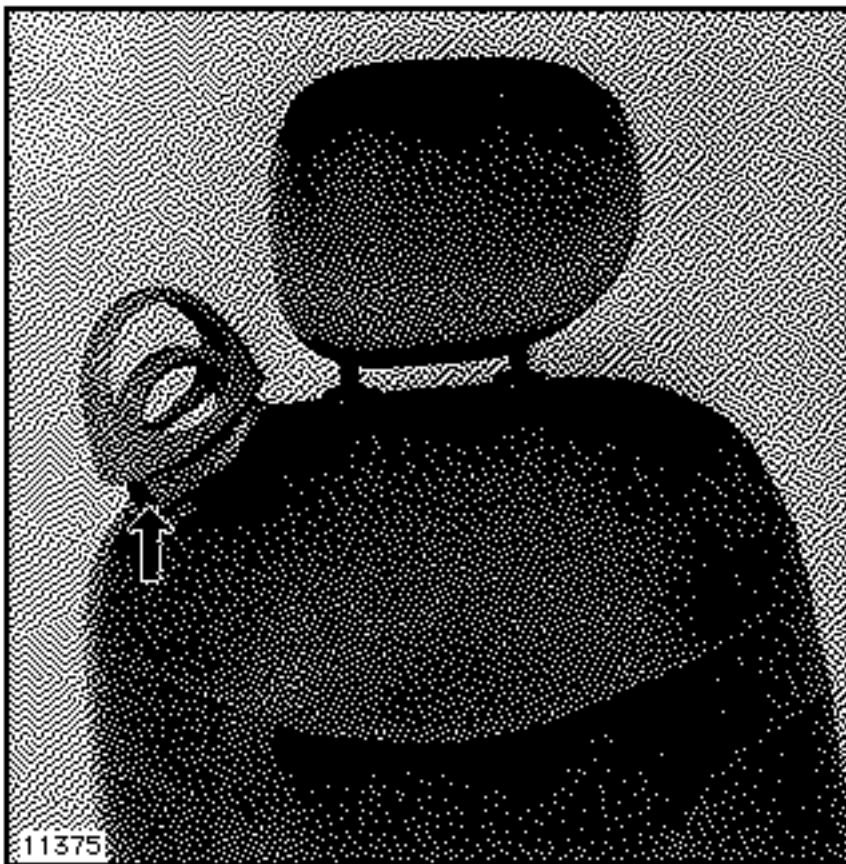
PRG77 2

**Important :** when refitting, do not tear the foam joins as a difference in level between the two sections will be visible once the seat trim has been refitted.



PRD7803

## REMOVAL

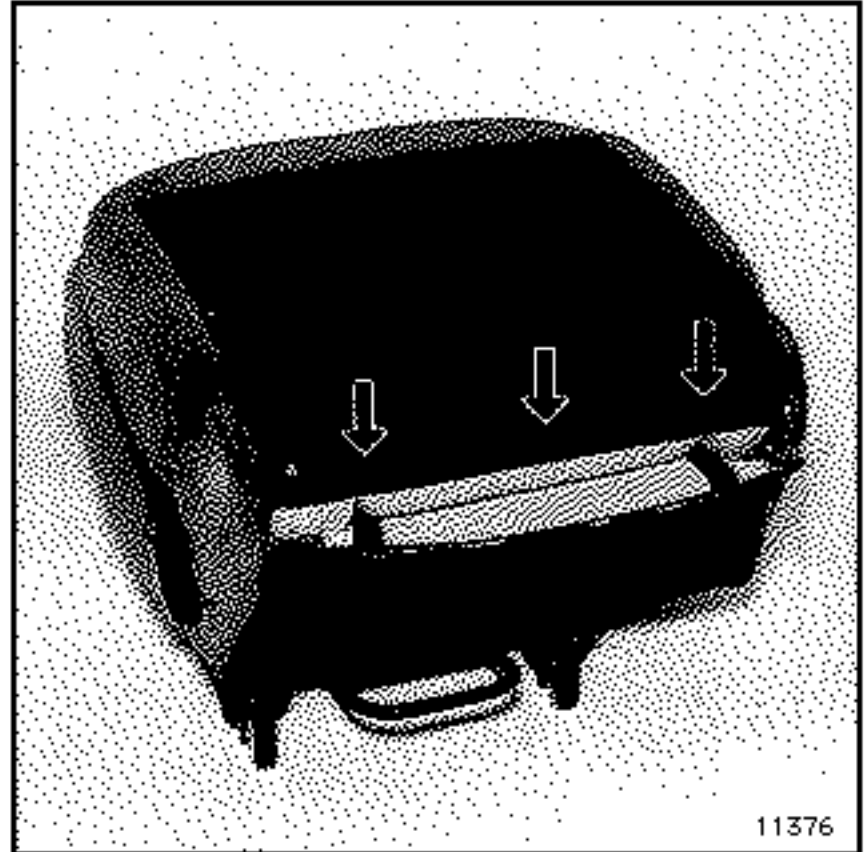


11375

### Remove:

- the head restraint and the upper parts of the head restraint guide.
- the upper housing for the side handle.

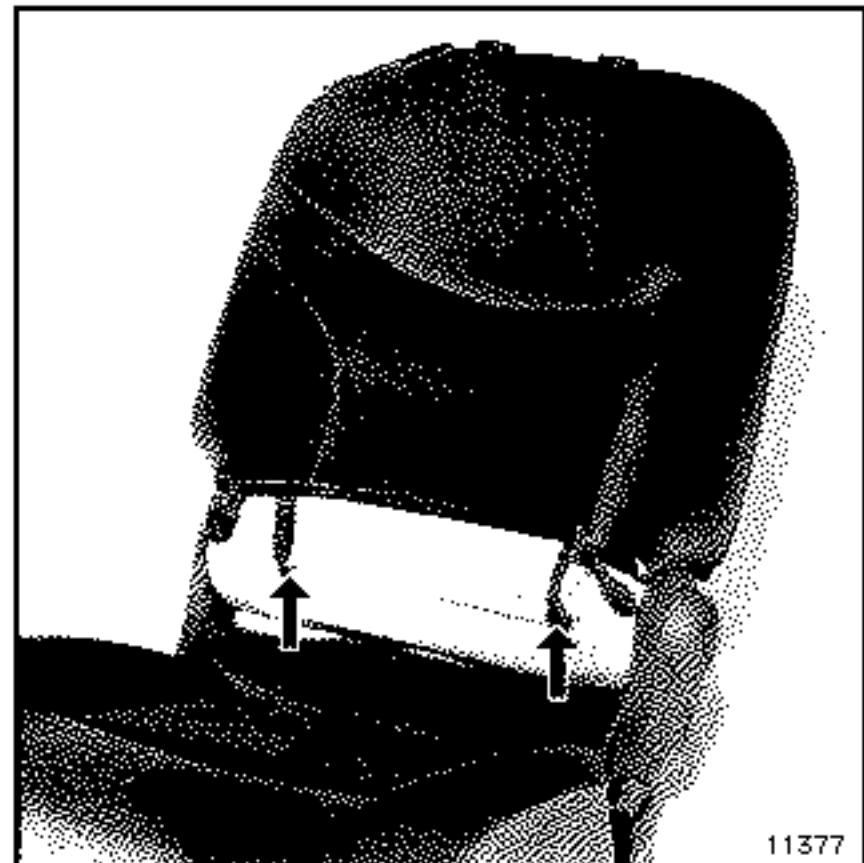
Remove the two mounting bolts for the handle.



11376

Fold the seatback down over the seat squab.

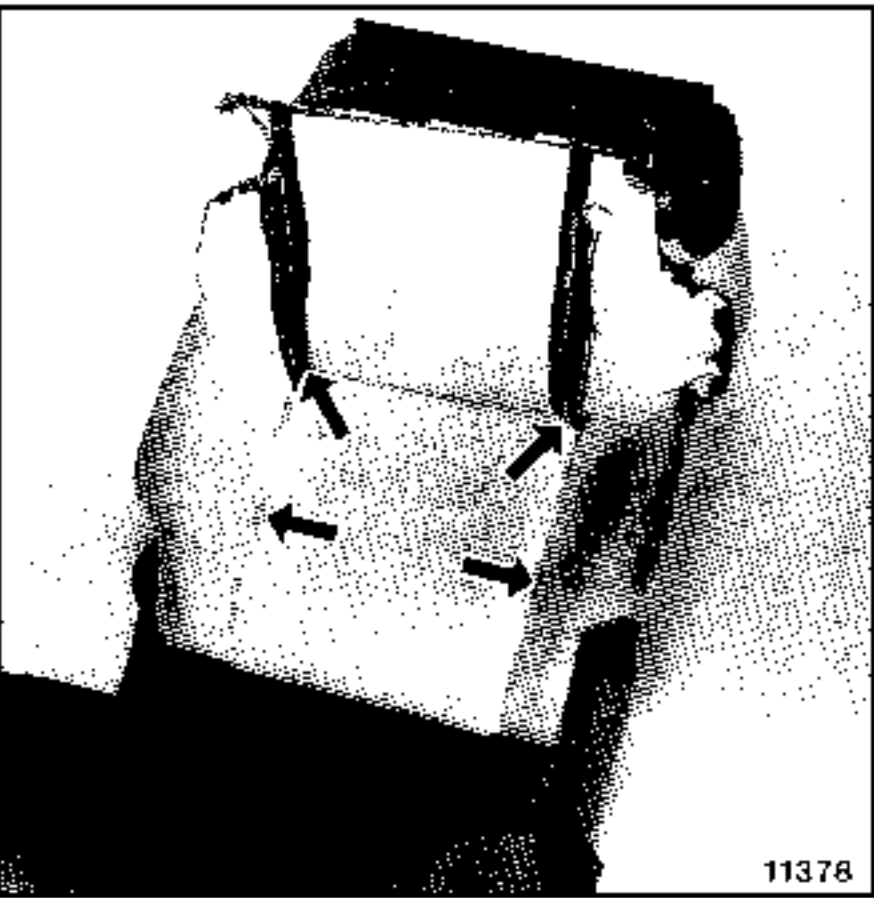
Unclip the rear edge of the seatback trim.



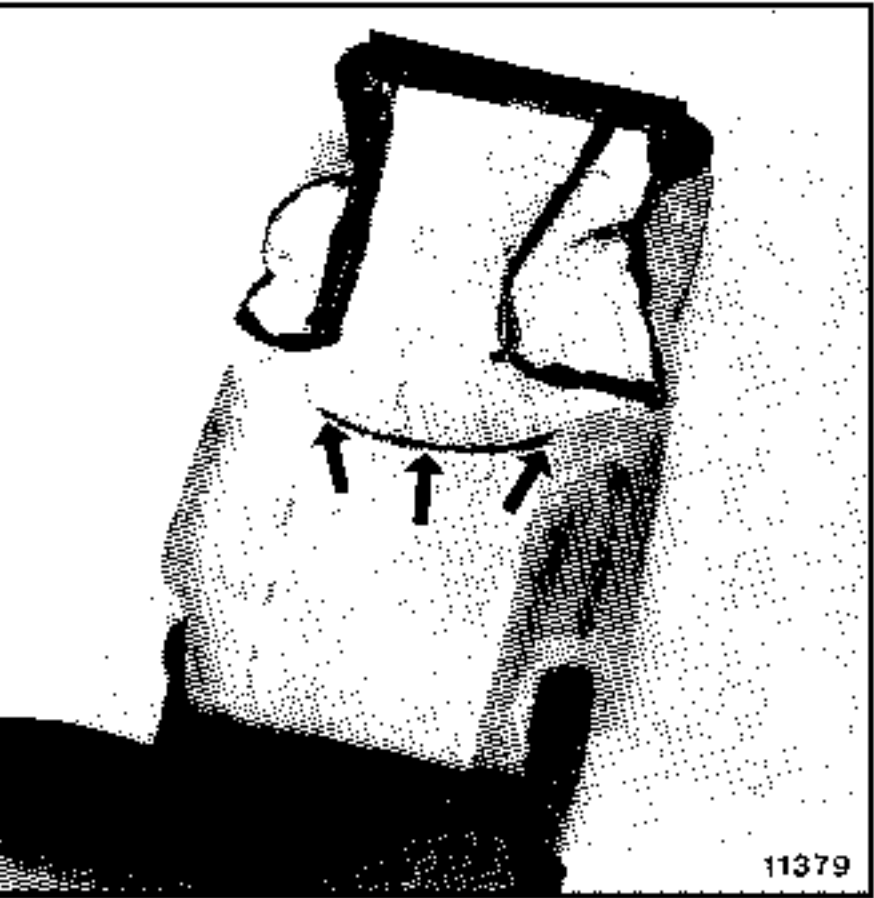
11377

Pass the rear edge between the seatback and the seat squab so the clips at the front of the seatback may be cut.

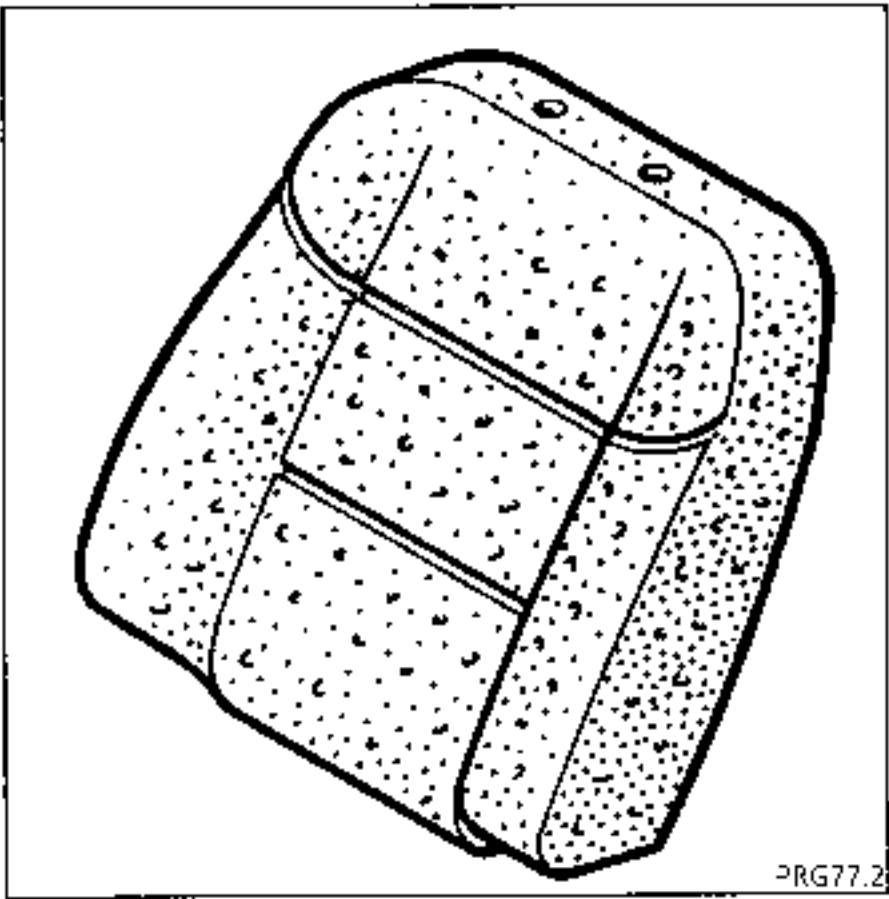




Cut the clips while progressively moving the trim upwards.



Cut the three clips on the upper front edge of the seatback and remove the trim.



**Important :** when refitting, do not tear the foam joins as a difference in level between the two sections will be visible once the seat trim has been refitted.