

Mégane

5 Mechanisms and accessories

52 NON-SIDE OPENING ELEMENT MECHANISMS

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59 INTERIOR SAFETY ACCESSORIES

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Edition Anglaise

"The repair methods given by the manufacturer in this document are based on the technical specifications current when it was prepared.

The methods may be modified as a result of changes introduced by the manufacturer in the production of the various component units and accessories from which his vehicles are constructed."

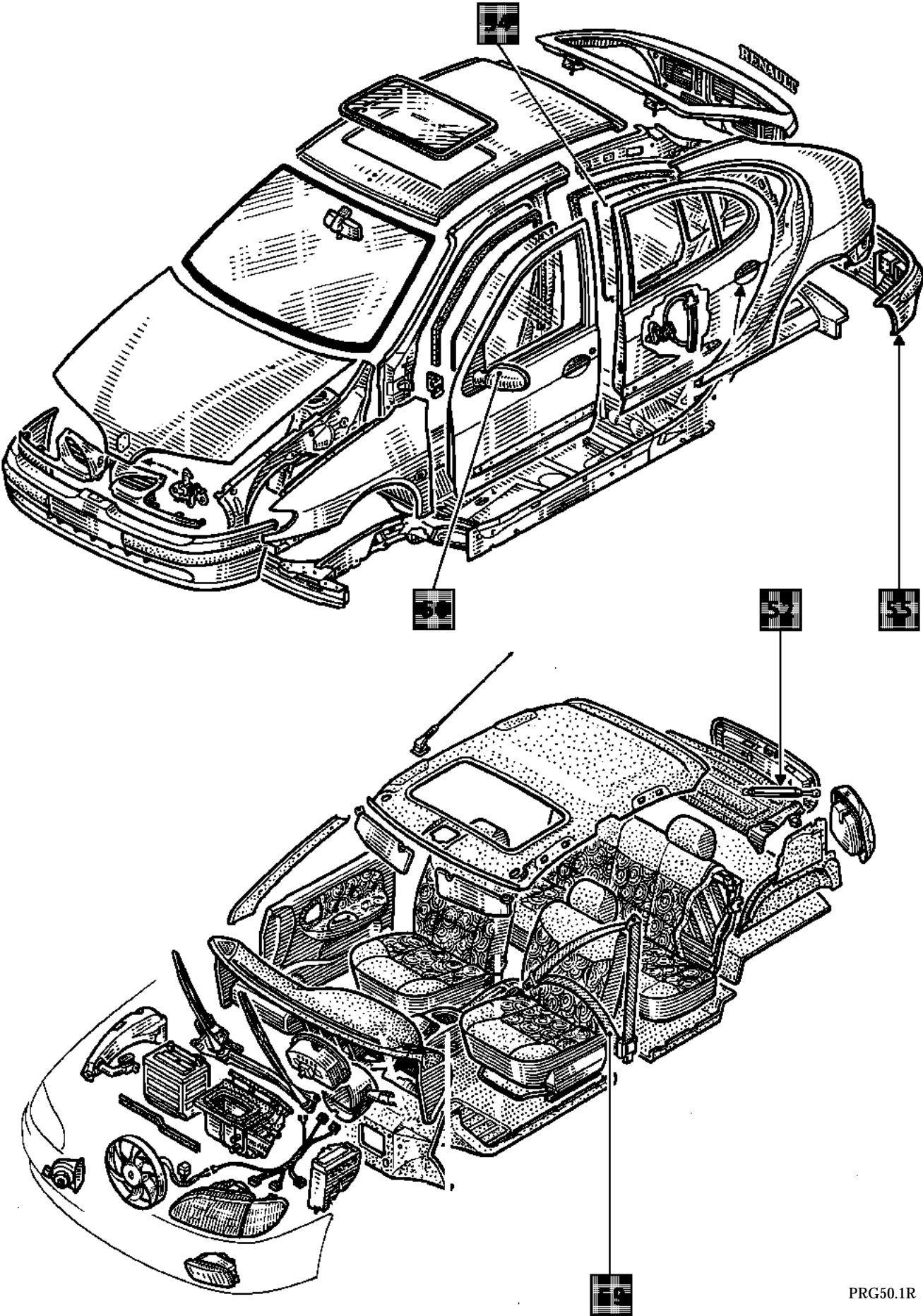
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Renault 1999

EXPLODED VIEW

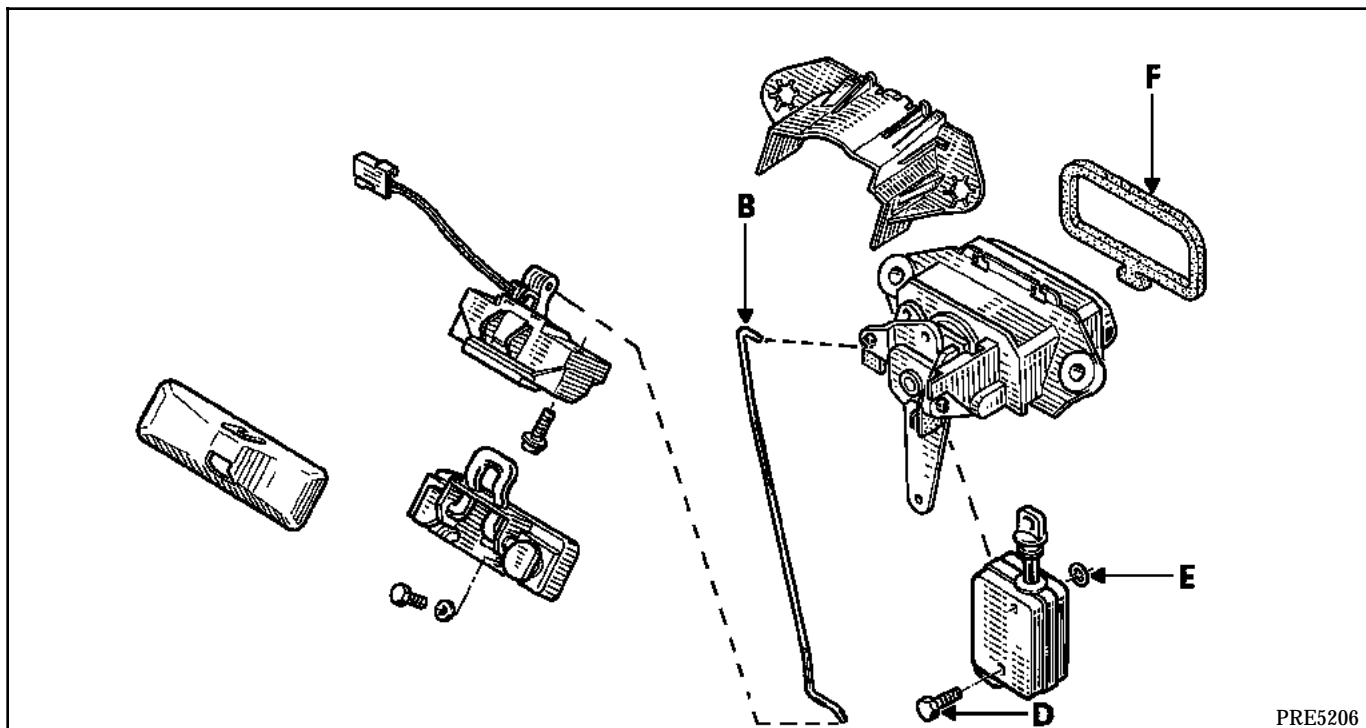


Mechanisms and accessories

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Tailgate lock barrel

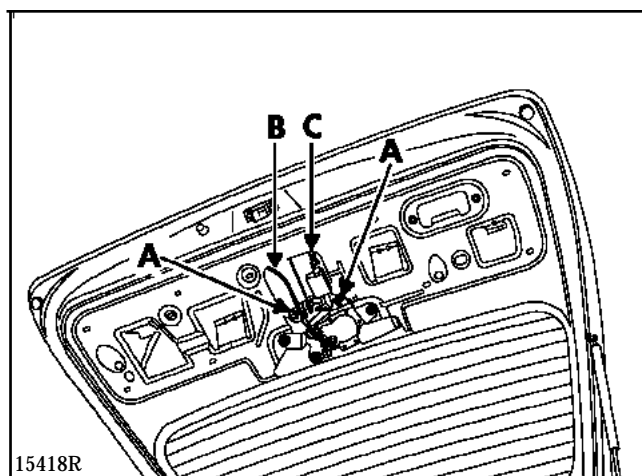


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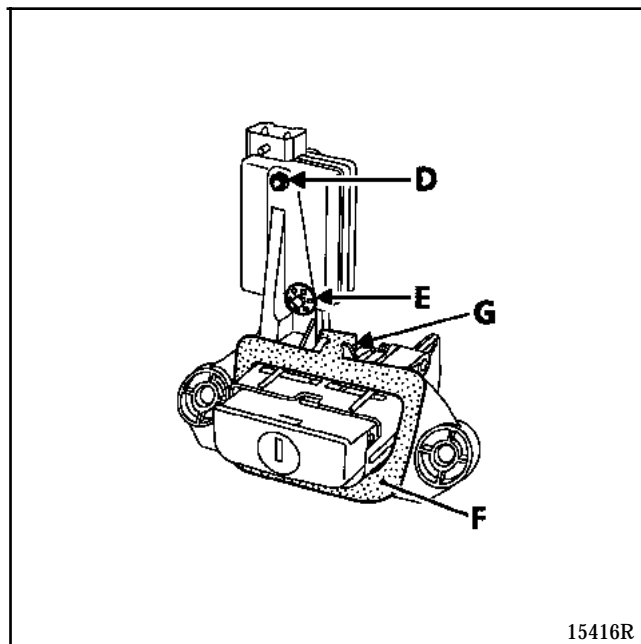
REMOVAL

Remove:

- the tailgate inner trim (see section 73A),



- the two mounting bolts (A),
- the lock control linkage (B),
- the motor connector (C).



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Remove:

- the mounting bolt (D),
- the retaining clip (E) using a small flat blade screwdriver.

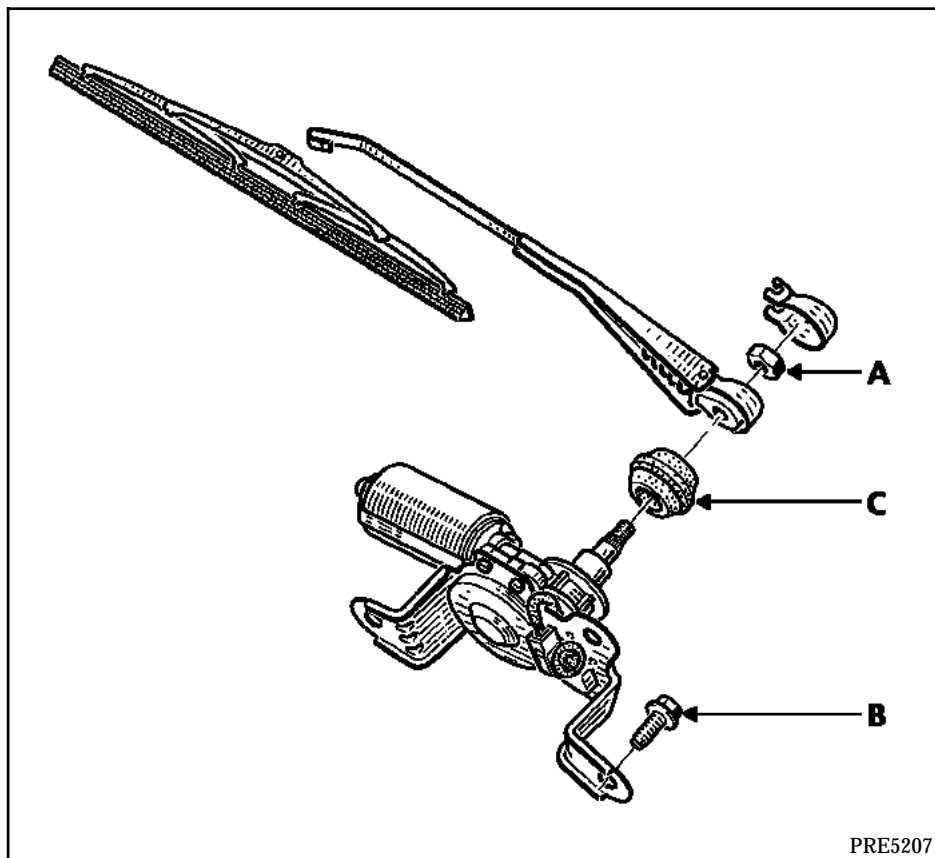
REFITTING

NOTES:

Fit the clip (E) using an **8 mm** pipe wrench, to make refitting easier.

Systematically renew the seal (F) each time the lock barrel is removed.

This seal fits into lug (G) in place of the old seal.



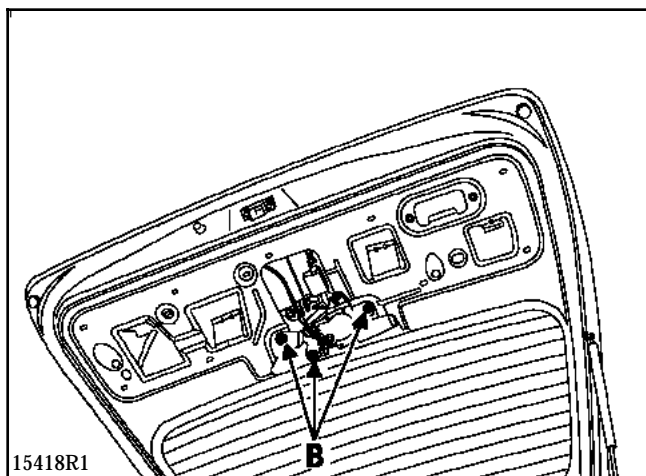
REMOVAL

Remove:

- the tailgate inner trim (see section 73A),

- the wiper mounting nut (A),
- the wiper using tool Elé. 1294-01,
- the three motor mounting bolts (B),
- the motor feed connector.

NOTE : when replacing a tailgate, remember to retain, before refitting, the sealing ring (C) fitted to the tailgate panel.



REFITTING THE REAR SCREEN WIPER

Clean the splines on the shaft using a wire brush.

Check the splines on the arm.

Refit the wiper arm, aligning the upper part of the arm with the circular mark on the lower right hand corner of the rear screen.

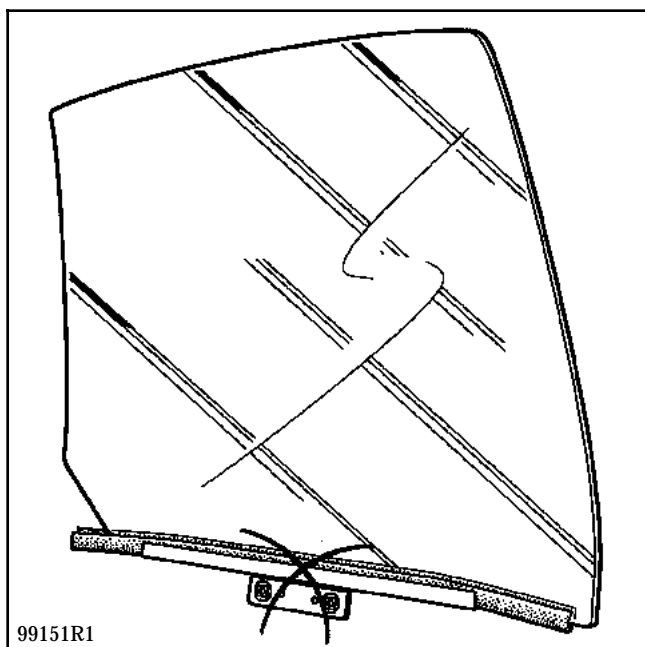
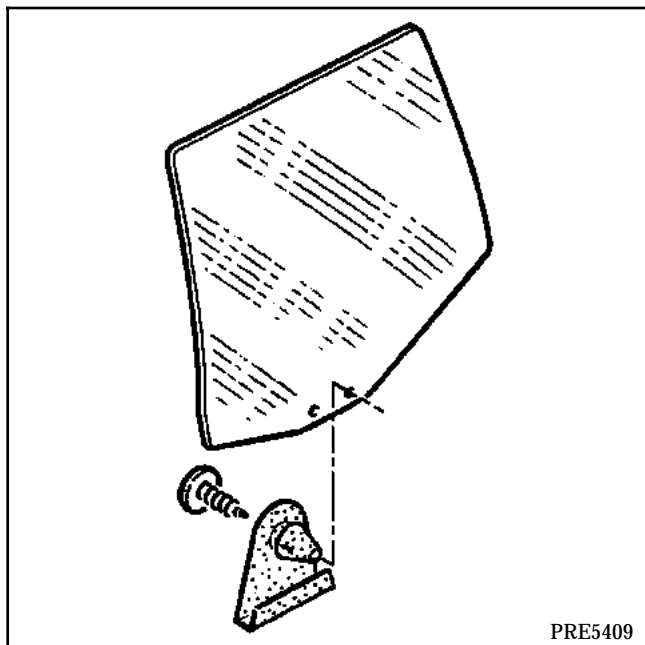
Refit the nut and torque tighten it to **10 daN.m** ($\pm 20\%$) using a torque wrench.

Check it operates correctly.

Refit the cover over the nut.

NOTE : if, while the wiper arm was removed, the motor turned, return it to the "**park**" position before refitting the wiper arm.

REMOVAL

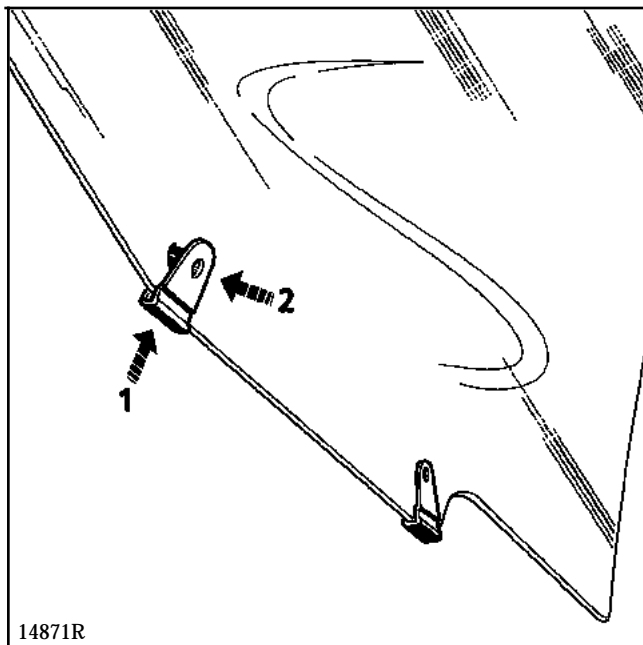


The metal runner at the bottom of the window has been removed.

The drive rail mounting on the window for the window raise has been ensured by new clips.

The fitting method for this new design is described below.

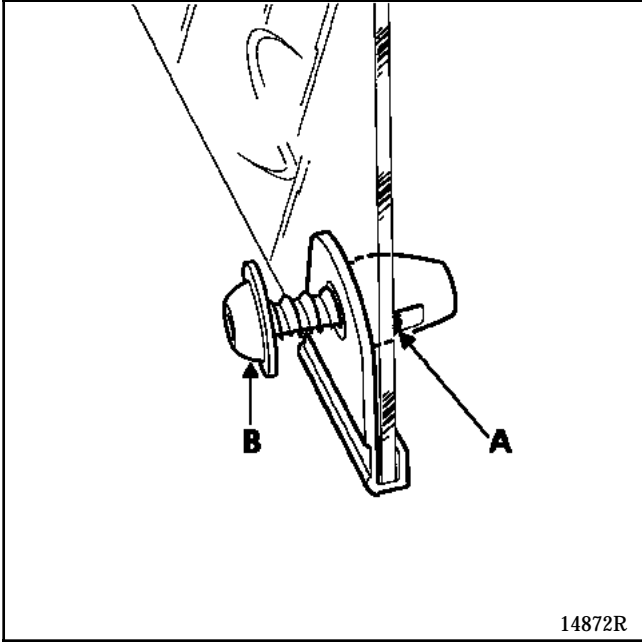
REFITTING



These plastic pin type clips are mounted in two holes in the glass.

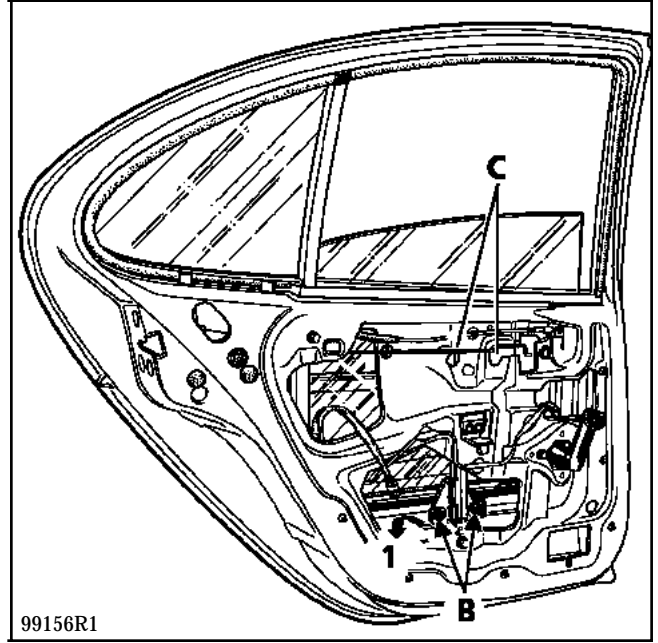
To fit the clips on the window :

- place section (1) against the edge of the window,
- push the "pin" (2) into the hole in the window.




IMPORTANT : ensure that mounting pin (A) is flush with the outer surface of the window and that it fits correctly in the inside of the mounting hole.

This will press progressively against the window as the mounting bolt (B) is tightened.

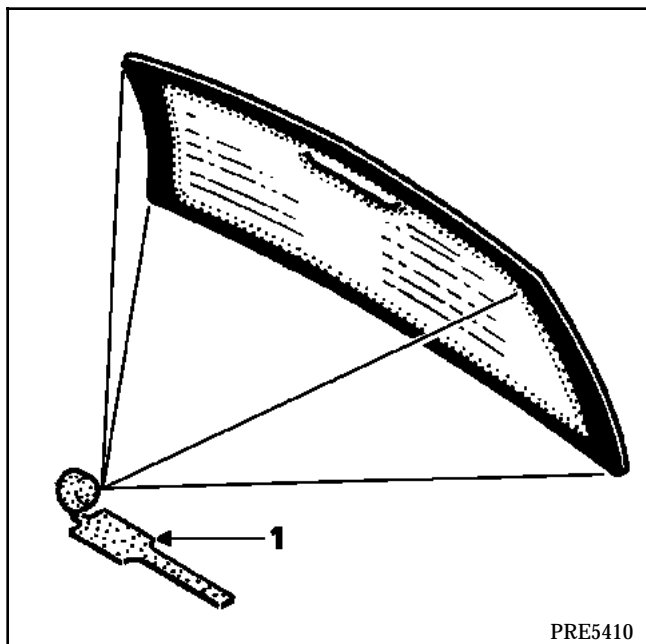


The two mounting bolts (B) are tightened with the window in the raised position.

To do this, fit the mounting bolts (B) and tighten them through the openings in the door box section (C) observing the tightening torque given below.

TIGHTENING TORQUE (in daN.m)		
Window raise rail mounting bolt	0.4	

IMPORTANT: when mounting the window on the raise rail, the original bolts provided for this purpose must be used.

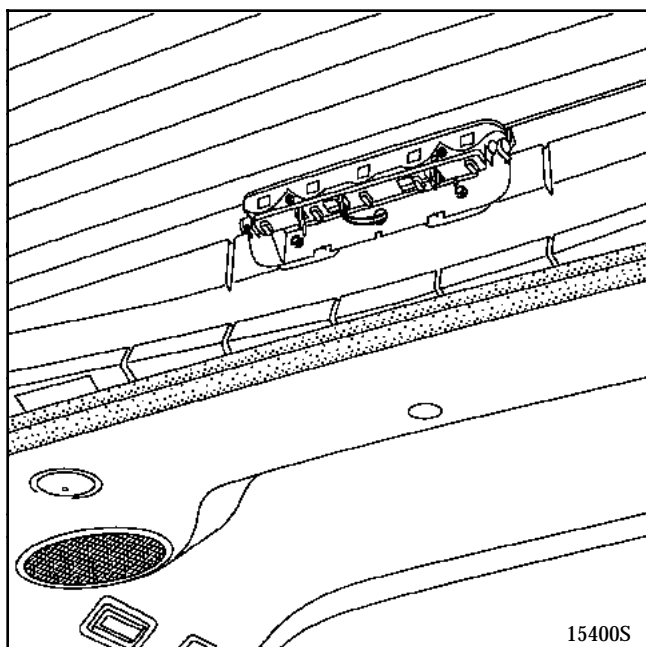


INTRODUCTION

There is no trim around the contour of the screen.

The fitting clearances recommended between the glass and the vehicle metal panels must be observed using the positioning shims (1).

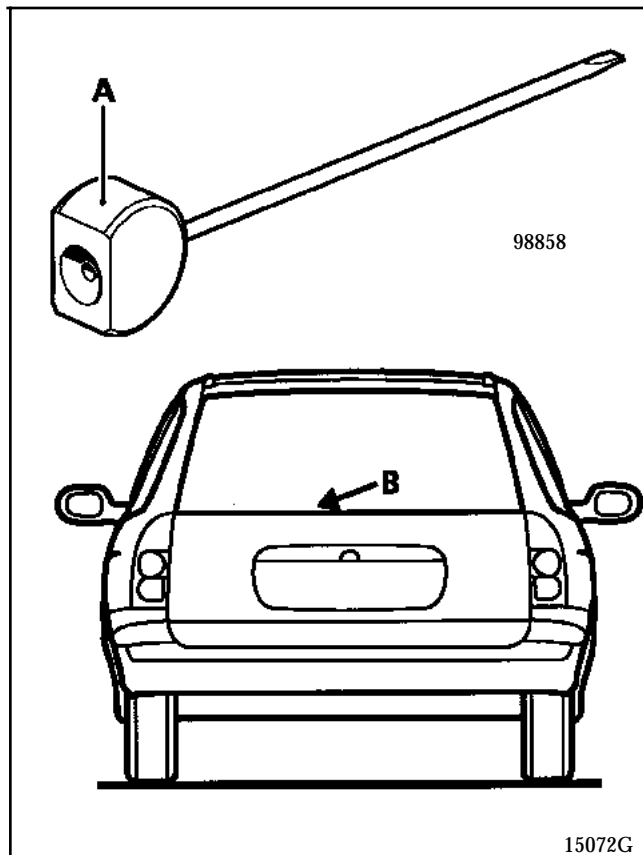
REMOVAL



Remove:

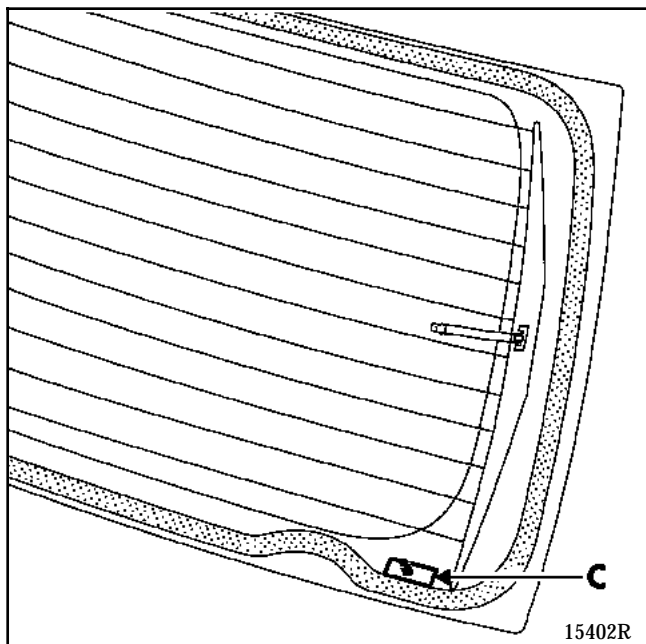
- the third stop light cover,
- the wiper arm using tool **Elé. 1294-01** (see section **52B**).

Disconnect the heated screen grid and flatten the metal tabs against the glass using two strips of masking tape.



IMPORTANT : stick a strip of masking tape around the edge of the glass to protect the painted areas when the cutting tool is used.

Pierce the bead of adhesive using a threader tool (A) inclined as far as possible (B) to make retaining the wire easier between the glass and the tailgate lip.

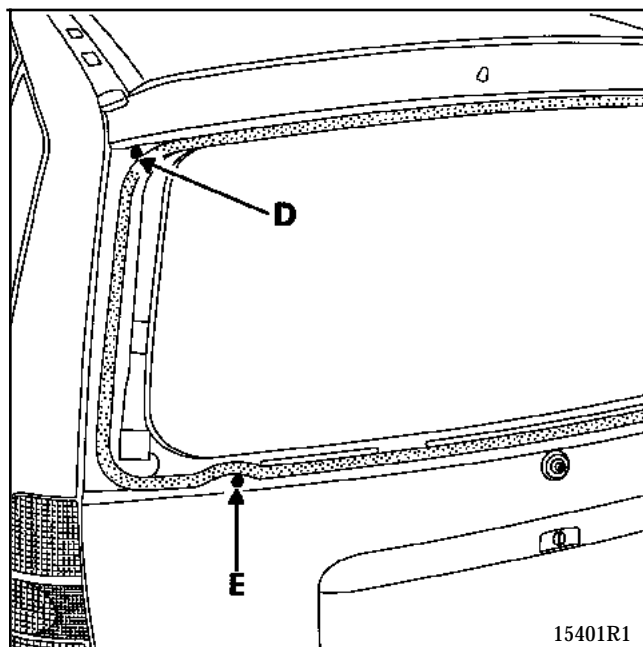


IMPORTANT: when cutting the bead, the wire will cut the positioning shims and the index pin (C). Because of this, points of resistance will be met in these areas during the operation.

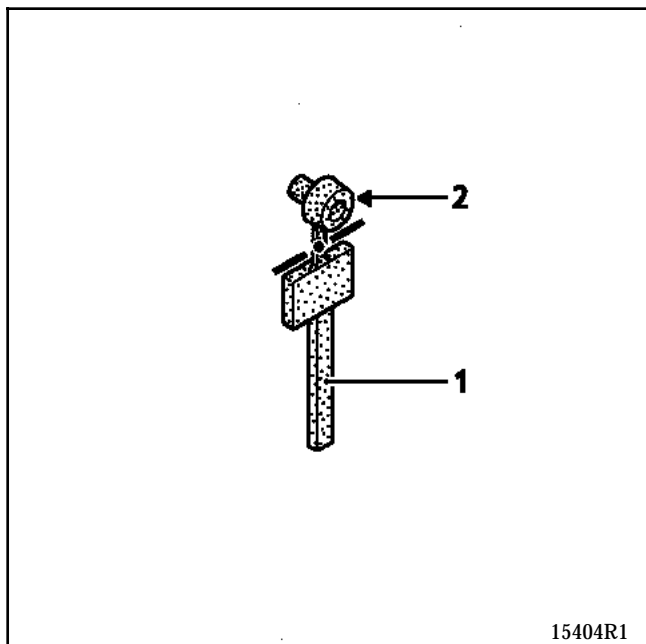
The shims must be replaced after every removal operation.

The index pin is no longer used for correctly refitting the screen.

BONDING AND FITTING THE SCREEN



After removing the screen, remove the positioning shims and flatten off the bead of mastic using a cutting tool.



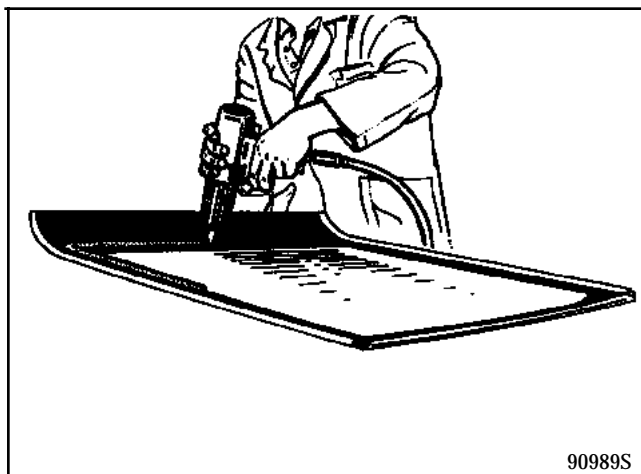
Fit the shims from the Parts Department (1)

These shims are in two sections:

- section (1) ensures the height positioning of the window at the bottom only
- section (2) ensures the depth positioning of the window in the tailgate frame.

Fit parts (2) of the shim into holes (E) in the tailgate and rest part (1) on the edge of the tailgate lip.

Fit part (2) into tailgate holes (D) only.



Preparation of the bonding areas is described in the general method for bonding windows, Technical Note n° 371A.

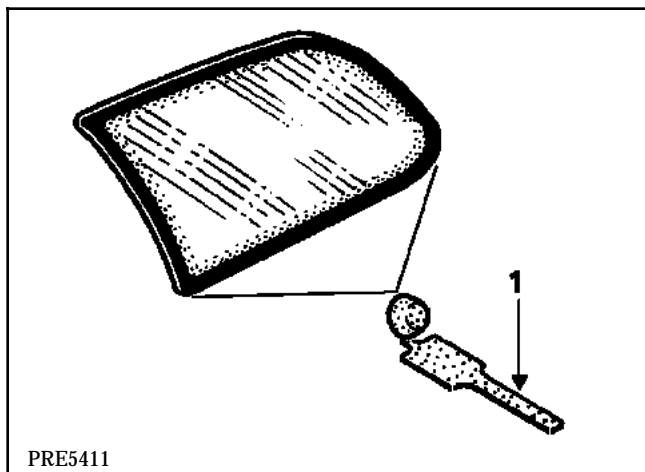
After applying the bead of adhesive to the window, offer up the window, centring it in relation to the window washer jet and the reference mark on the window.

Rest the bottom of the window on the height positioning shims (1) (see above).

Flatten the window against the depth positioning shims (2).

Hold the upper part of the window using strips of masking tape while the adhesive dries .

NOTE: Remember to remove the height adjustment section (1) when the vehicle is no longer immobilised.

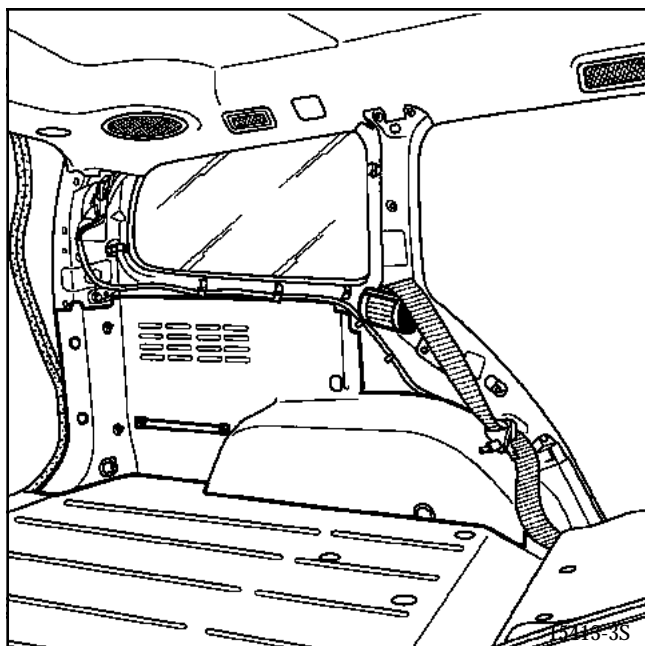


INTRODUCTION

There is no trim around the contour of the window.

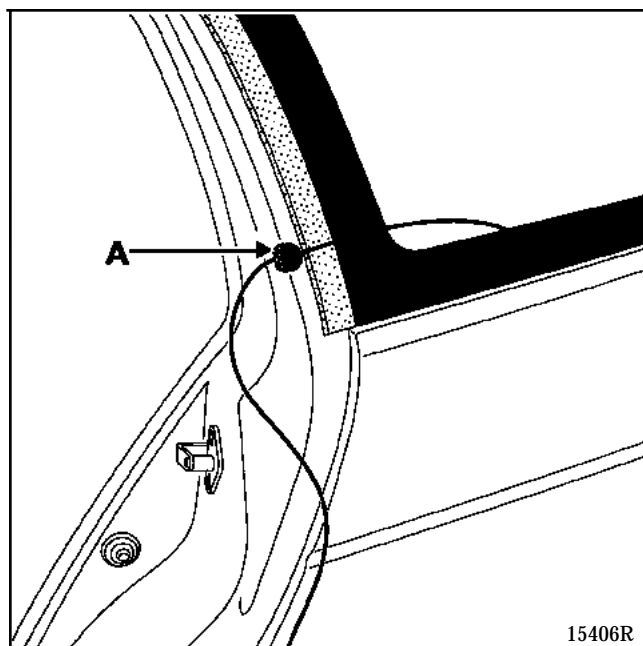
The fitting clearances recommended between the glass and the vehicle metal panels must be observed using the positioning shims (1).

REMOVAL



Remove:

- the front quarter panel lining (see section 71C),
- the rear quarter panel lining (see section 71D),
- the lower quarter panel lining (see section 71E).



IMPORTANT : Apply a strip of masking tape around the edge of the glass to protect the painted areas when the cutting tool is used, including the door seal.

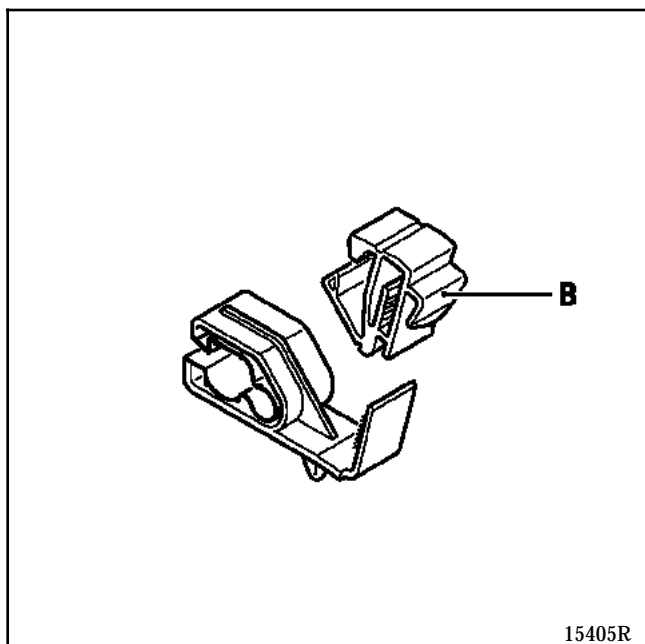
Fit the cutting wire using the threader tool (A) as shown above.

IMPORTANT: when cutting the bead, the wire will cut the positioning shims.

Because of this, points of resistance will be met in these areas during the operation.

The shims must be replaced after every removal operation.

BONDING AND FITTING THE WINDOW

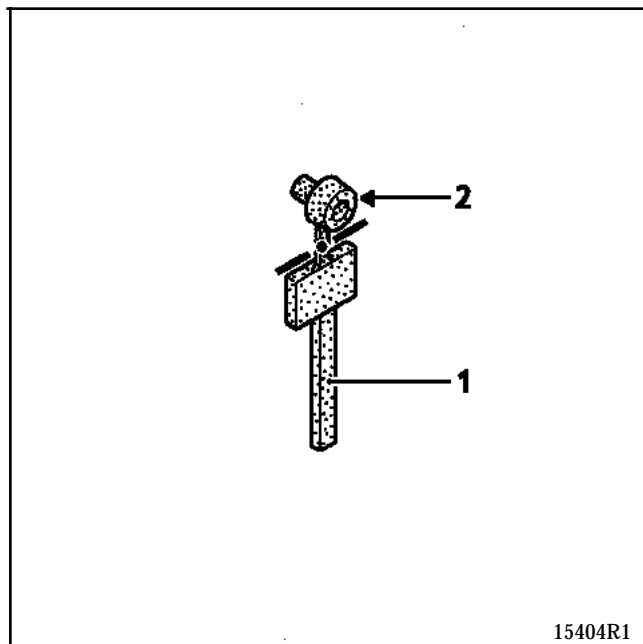


After removing the window, remove the parts (B) of the retaining clips for the inner linings fitted onto the wing panel lip.

Remove the positioning shims and flatten the mastic bead using a cutting tool.

Refit the clips (B).

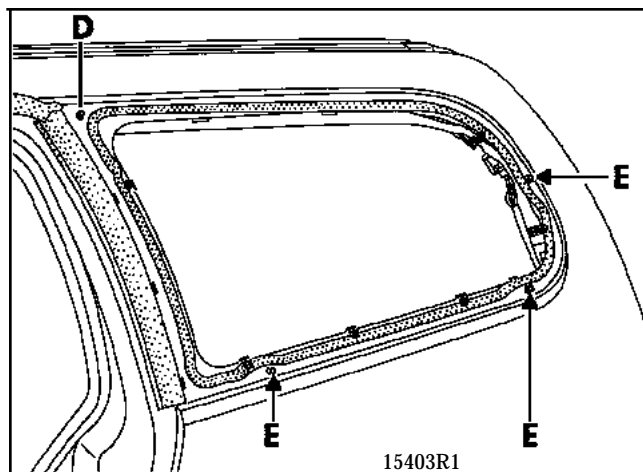
IMPORTANT: before refitting the window, if necessary, refit the door seal under the window.



Fit the shims from the Parts Department (1).

These shims are in two sections:

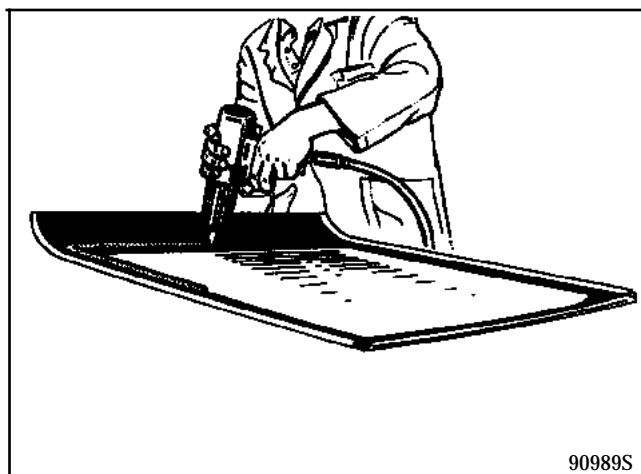
- section (1) ensures the height and length positioning of the window at the bottom and the rear,
- section (2) ensures the depth positioning of the window.



Fit the shim part (2) in holes (E).

Rest part (1) on the edge of the quarter panel window lip.

Fit part (2) only into hole (D).



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Preparation of the bonding areas is described in the general method for bonding windows, Technical Note n° 371A.

After applying the bead of adhesive to the window, offer up and set the window against the shims mounted at (E).

Rest the lower part of the window on the height positioning shims (1).

Flatten the window against the depth positioning shims (2).

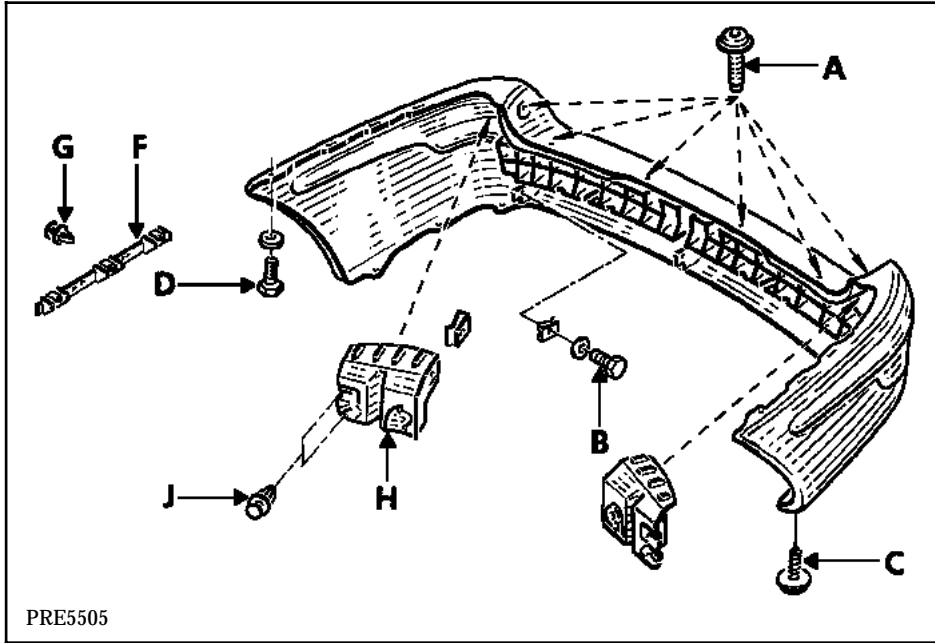
Hold the upper part of the window using strips of masking tape while the adhesive dries .

NOTE:remember to remove the height adjustment section (1) when the vehicle is no longer immobilised.

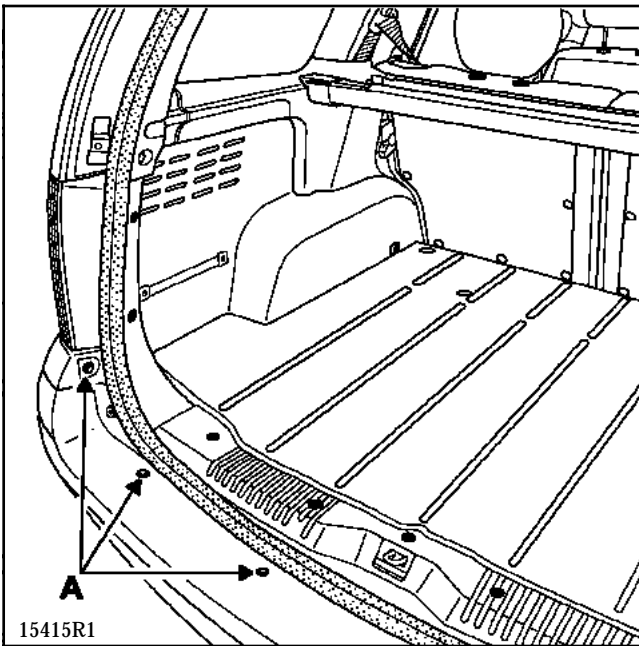
EXTERIOR PROTECTION

Rear bumper

55 **A**

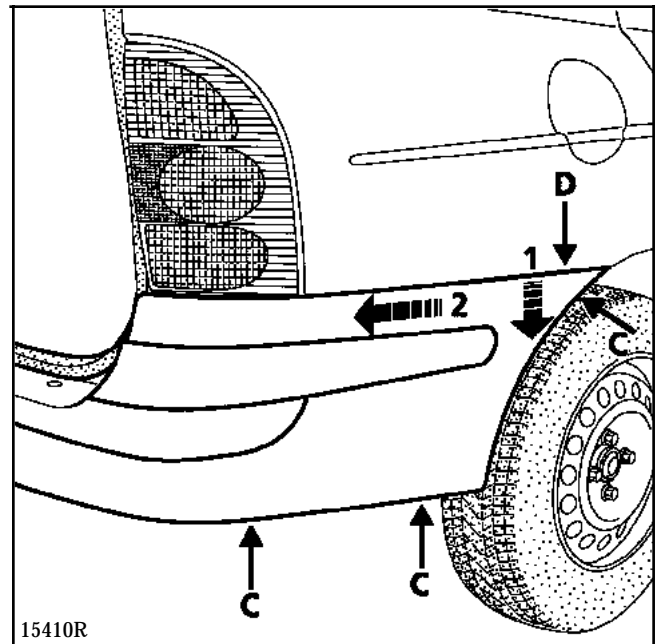


REMOVAL



Remove:

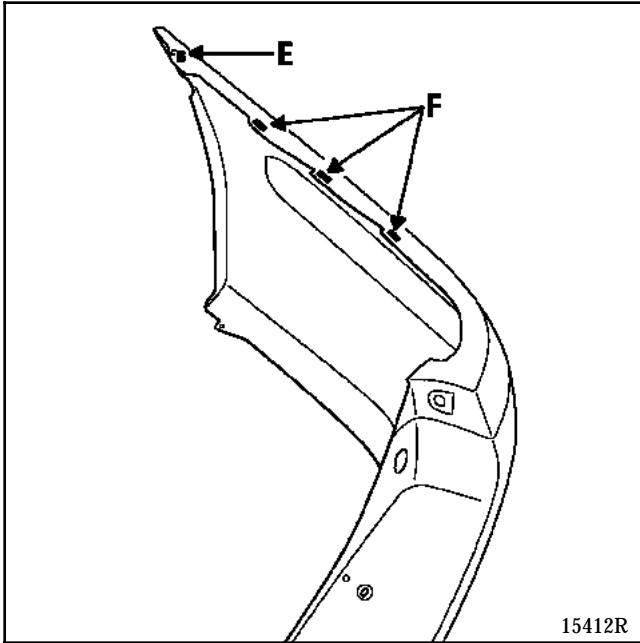
- the upper mounting bolts (A),
- the lower mounting bolts (B),



- the mudguard shield mounting bolts (C),
- the side mounting bolts (D) for the bumper.

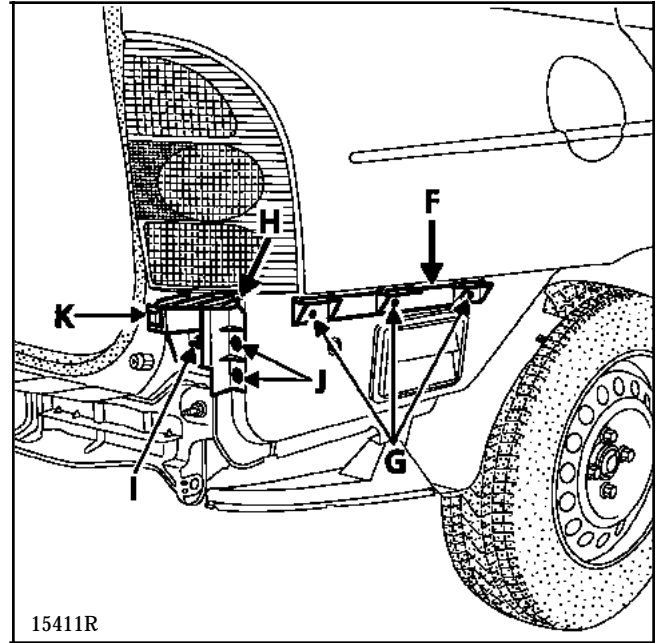
At (1) release the index pin (E) for the rear wing panel.

At (2) push the bumper towards the rear of the vehicle and remove it from its location between the retaining bracket (F) and the wing panel.



View of the bumper side lugs which clip onto the retaining bracket (F) (see previous page).

View of the index pin (E) on the bumper.



NOTES:

The retaining brackets (F) clip onto the wing panel using clips (G).

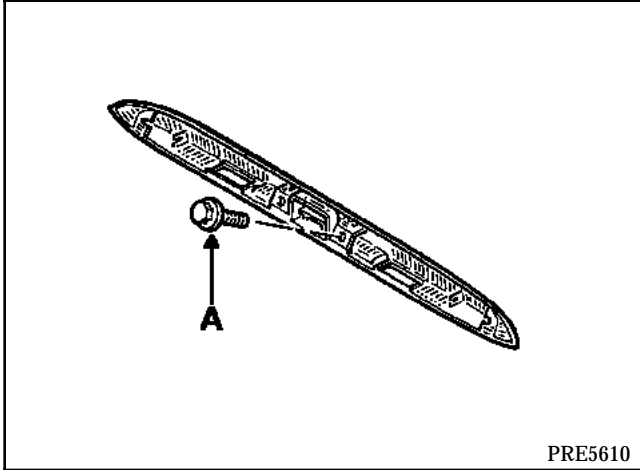
The two supports (H) are screwed at (I) to the rear end panel and are clipped at (J).

Use unpicking pliers to remove these parts.

SPECIAL NOTES FOR REFITTING

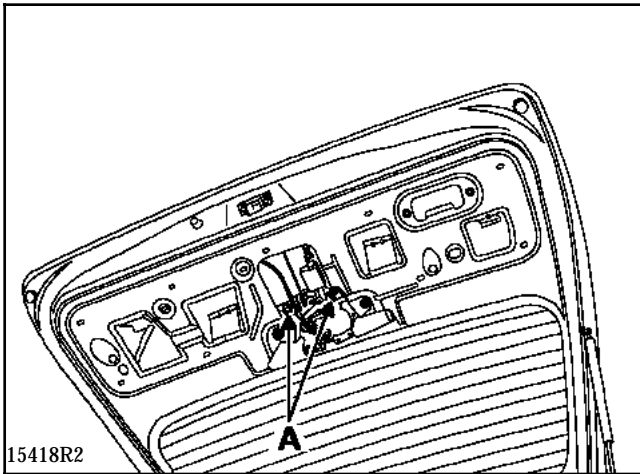
Before refitting, ensure all the clips (K) are present on the supports (H).

Also ensure that parts (F) and (H) are correctly clipped in before refitting the bumper.



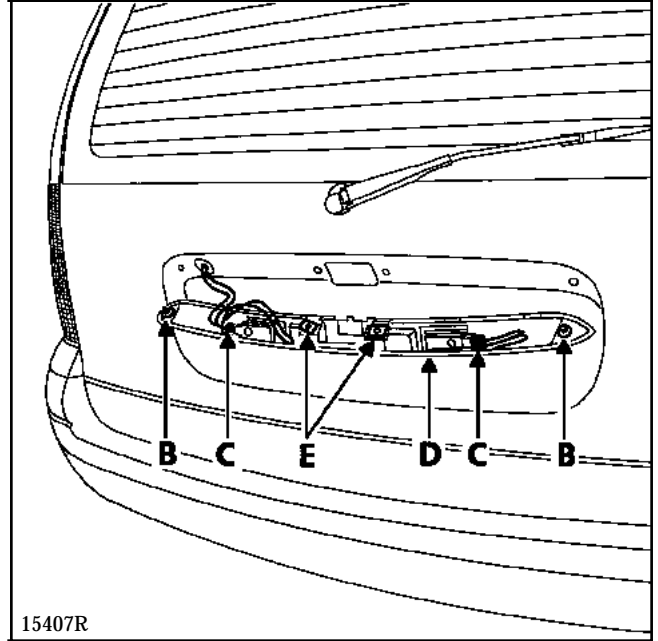
REMOVAL

Remove the inner tailgate trim (see section 73A).



Remove:

- the two mounting bolts (A),
- the tailgate lock barrel (see section 52A).



Using unpicking pliers, remove the two clips (B) and release the lights mounting.

Remove the two connectors (C) for the number plate lights.

IMPORTANT : before refitting the support, ensure the seal (D) and where it fits on the tailgate are clean.

Ensure the clips are present (E).

RECOMMENDATIONS FOR FITTING SEAT BELT INERTIA REELS

IMPORTANT

These vehicles are fitted with a new passive safety assembly comprising, amongst other components, new front air bags and specific front seat belts with a new programmed restraint system (SRP).

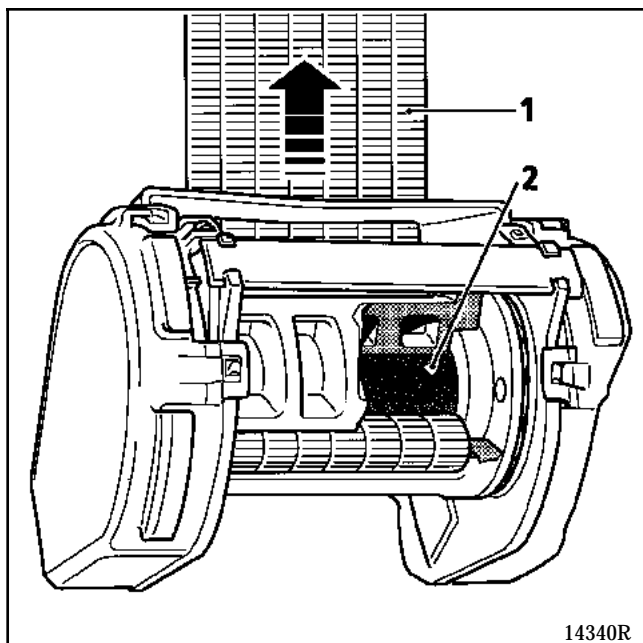
The programmed restraint system is not calibrated in the same way according to whether the seat belts are fitted with an SRP air bag or not (the Part Number for each part must be checked before replacement).

It is strictly forbidden:

- to fit new SRP air bag cushions and / or their specific seat belts to vehicles originally fitted with old type equipment,
- to fit components from an old type system to a vehicle fitted with this new restraint system.

NOTE : for more information on fitting the new **SRP** seat belts, refer to the instructions below.

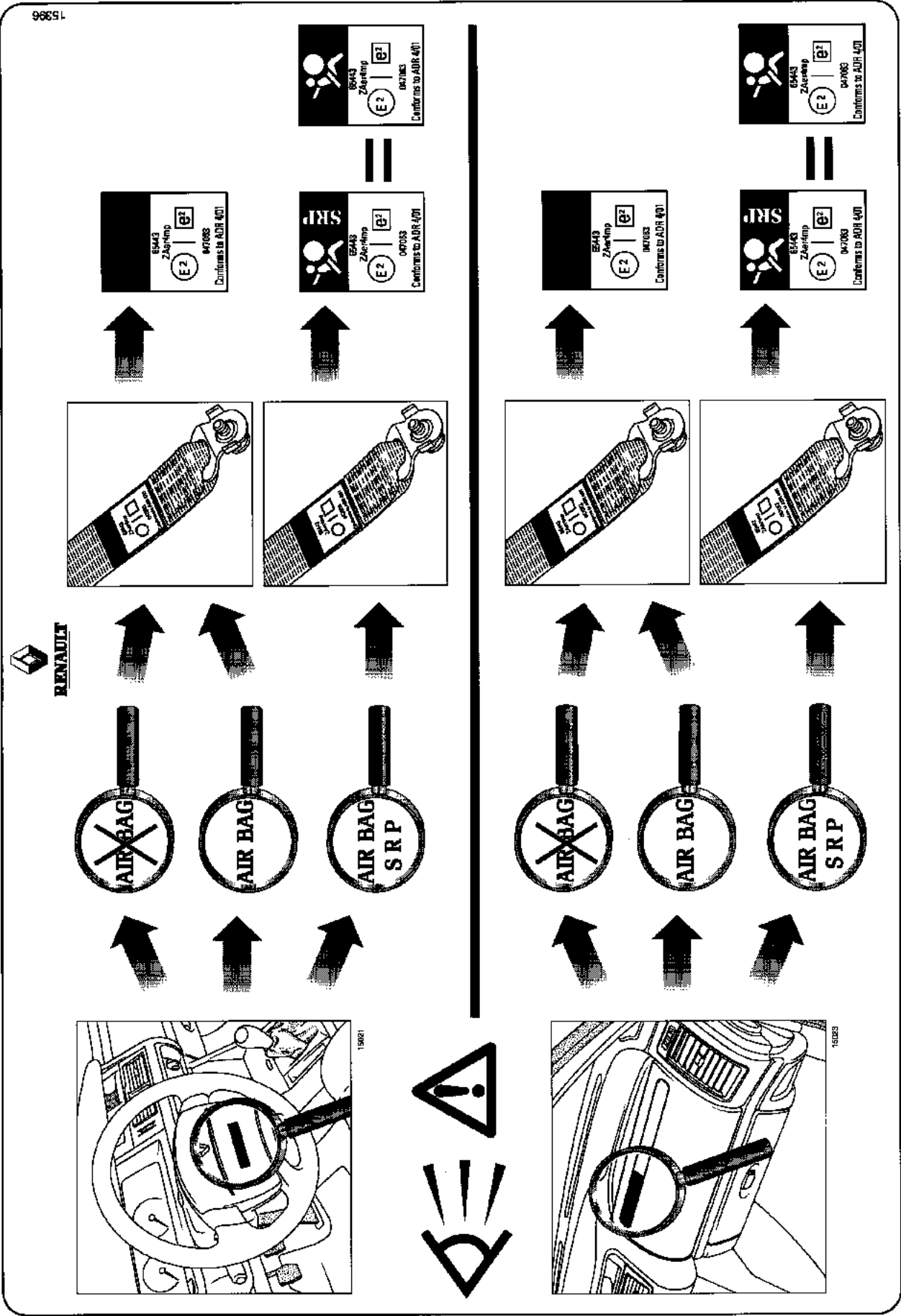
Following the triggering of the pretensioners, the front seat belt or belts must be systematically replaced (if there was any doubt about whether the seat belt was being worn, it must be replaced).



New **SRP** programmed restraint system.

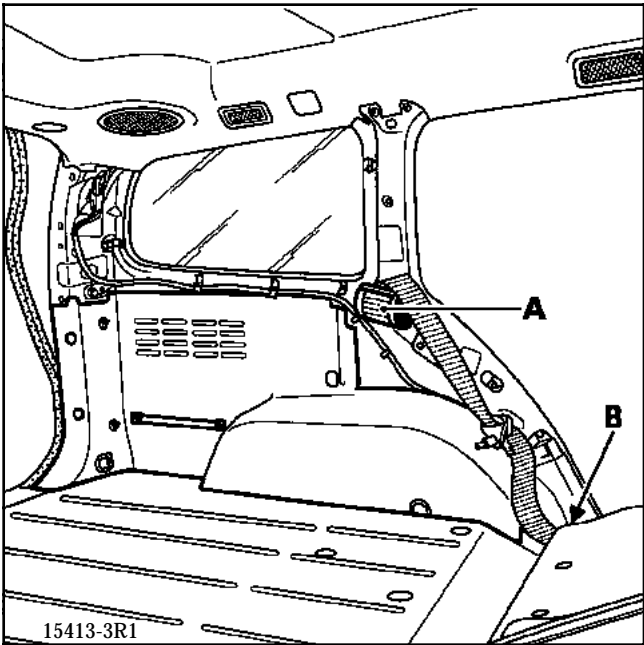
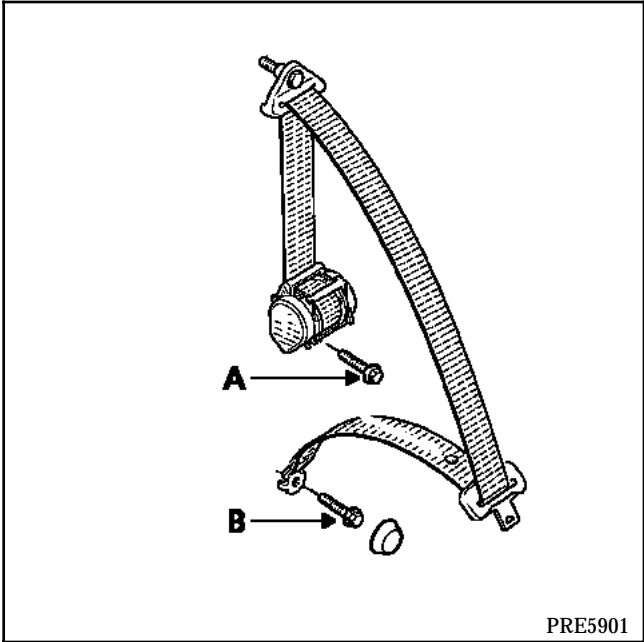
This new force limiter system **L.E.I.** is integral in the inertia reel.

The force limitation applied to the diagonal strap of the seat belt occurs by controlled release of the strap (1), ensured by the plastic deformation of a torsion bar (2) integrated into the inertia reel.



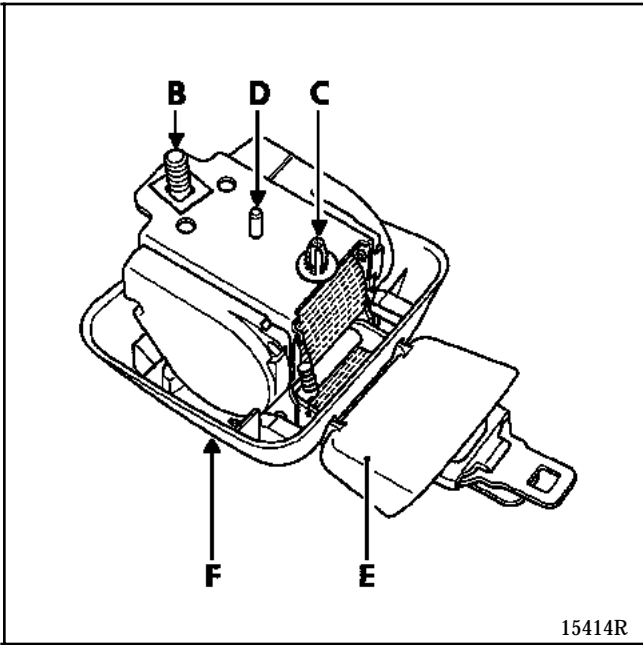
REMOVAL

- Remove:
- the front quarter panel lining (see section 71C),
 - the rear quarter panel lining (see section 71D),
 - the lower quarter panel lining (see section 71E).



- the inertia reel mounting bolt (A),
- the seat belt strap lower mounting bolt (B).

REMOVING THE THIRD SEAT BELT INERTIA REEL



Pull on the lining / inertia reel assembly to release the clip (C).

Using a screwdriver with a **Torx 40** socket, slacken the mounting bolt (B).

NOTE : the inertia reel is positioned on the roof using the index pin (D).

The strap guide (E) and the plastic housing (F) cannot be removed.

If the inertia reel is being replaced, the complete third seat belt assembly must be replaced, which is available from the Parts Department.

TIGHTENING TORQUE (in daN.m)	
Seat belt mounting bolt	2.5