

RENAULT

5 Mechanisms and accessories

51A SIDE OPENING ELEMENT MECHANISMS

52A NON-SIDE OPENING ELEMENT MECHANISMS

54A WINDOWS

55A EXTERIOR PROTECTION

56A EXTERIOR EQUIPMENT

57A INTERIOR EQUIPMENT

59A SAFETY ACCESSORIES

X44

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EDITION ANGLAISE

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

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

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TWINGO - Section 5

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SIDE OPENING ELEMENT MECHANISMS

Front side door lock: Removal - Refitting

51A

Tightening torques

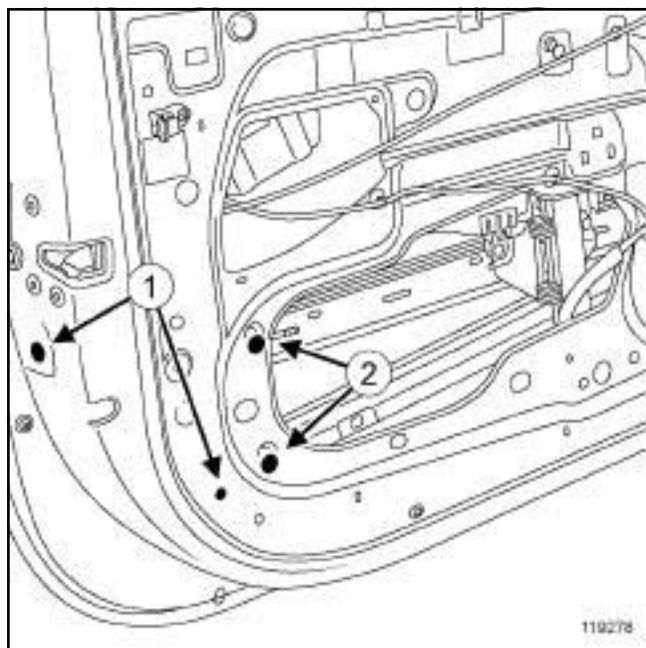
door lock bolts	8 Nm
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REMOVAL

I - REMOVAL PREPARATION OPERATION

Remove:

- the front side door trim (see **Front side door trim: Removal - Refitting**) (MR 412, 72A, Side opening element trim),
- the door sealing film (see **Door sealing film: Removal - Refitting**) (MR 412, 65A, Opening element sealing),
- the door exterior handle (see **51A, Side opening element mechanisms, Exterior door handle: Removal - Refitting**, page 51A-5) .



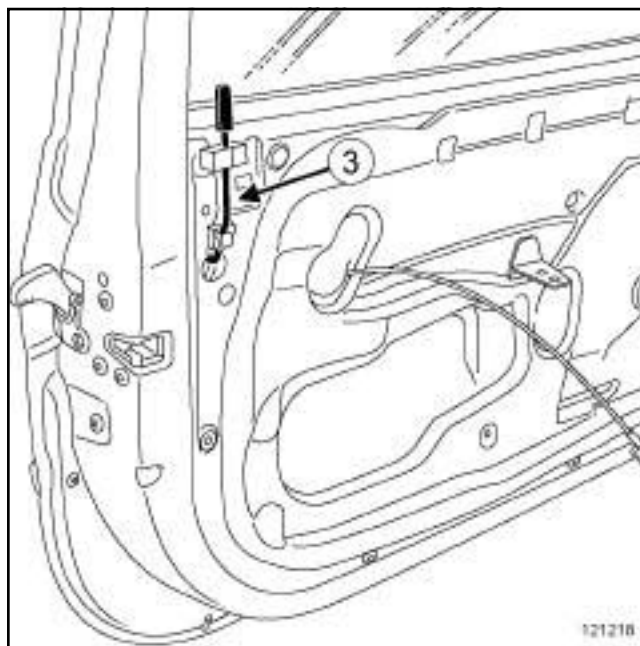
119278

Remove the bolts (1) .

Undo the bolts (2) .

Remove:

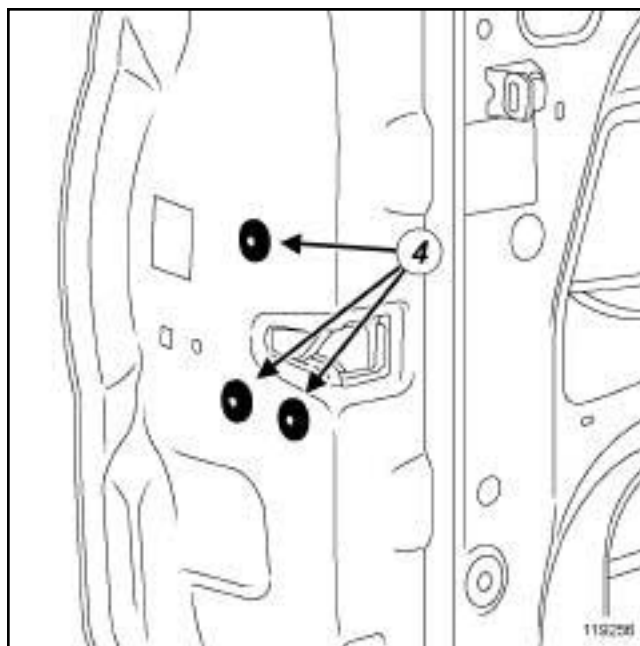
- the lower guide on the sliding window,
- the front side door lock barrel (see **51A, Side opening element mechanisms, Front side door lock barrel: Removal - Refitting**, page 51A-3) .



121218

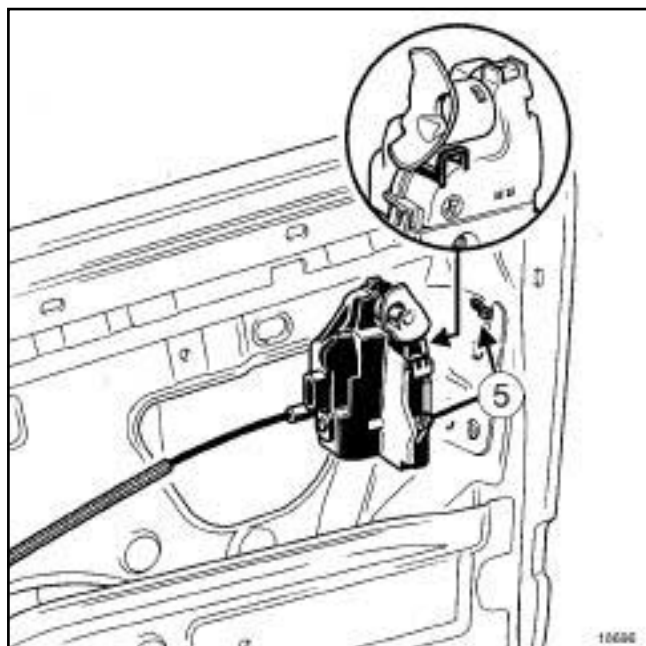
Undo the front side door lock catch (3) (depending on equipment level).

II - REMOVAL OPERATION FOR PART CONCERNED



119256

Remove the bolts (4) .



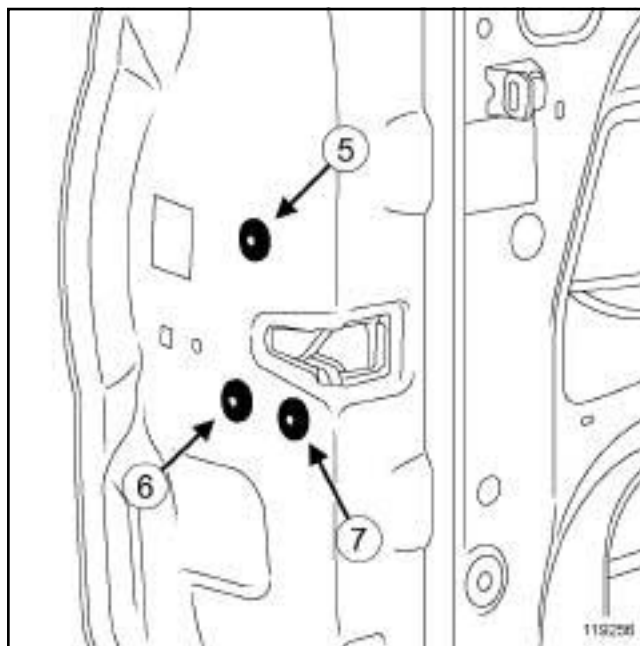
18696

- Gently lift the door lock to extract it from the retaining hook (5) .
- Unclip the interior locking linkage on the door lock (depending on equipment level).
- Disconnect the door lock supply connector (depending on equipment level).
- Remove the lock from the door box section.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Position the sealing foam on the lock (depending on equipment level) (part no. **82 00 556 180**).
- Fit the lock into the door box section.
- Clip the interior locking linkage onto the door lock (depending on equipment level).
- Position the door lock on the retaining hook (5) .
- Connect the door lock supply connector (depending on equipment level).
- Refit the bolts (4) without tightening them.



119256

- Torque tighten the **door lock bolts (8 Nm)** following the tightening order:
 - bolt (5) ,
 - bolt (6) ,
 - bolt (7) .
- Carry out a function test.

II - FINAL OPERATION.

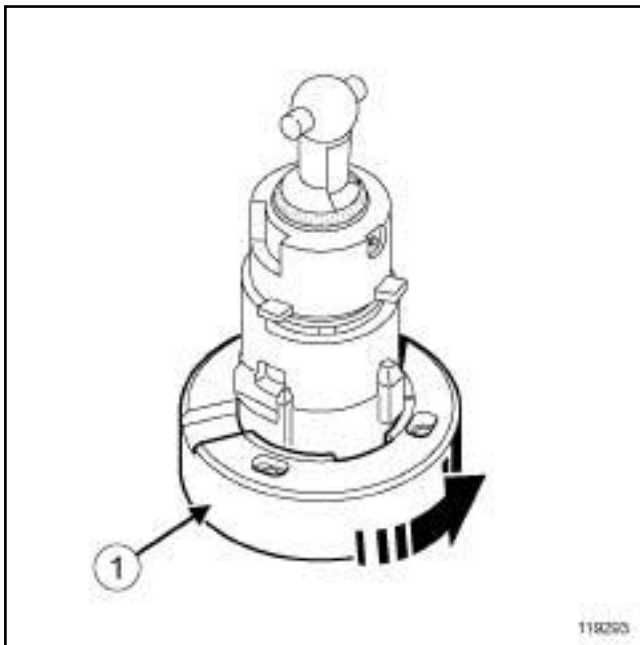
- Fit the front side door lock catch (3) .
- Refit:
 - the front side door lock barrel (see **51A, Side opening element mechanisms, Front side door lock barrel: Removal - Refitting**, page 51A-3) ,
 - the lower guide on the sliding window,
 - the bolts (1) .
- Tighten the bolts (2) .
- Refit:
 - the door exterior handle (see **51A, Side opening element mechanisms, Exterior door handle: Removal - Refitting**, page 51A-5) ,
 - the door sealing film (see **Door sealing film: Removal - Refitting**) (MR 412, 65A, Opening element sealing),
 - the front side door trim (see **Front side door trim: Removal - Refitting**) (MR412, 72A, Side opening elements trim).

REMOVAL

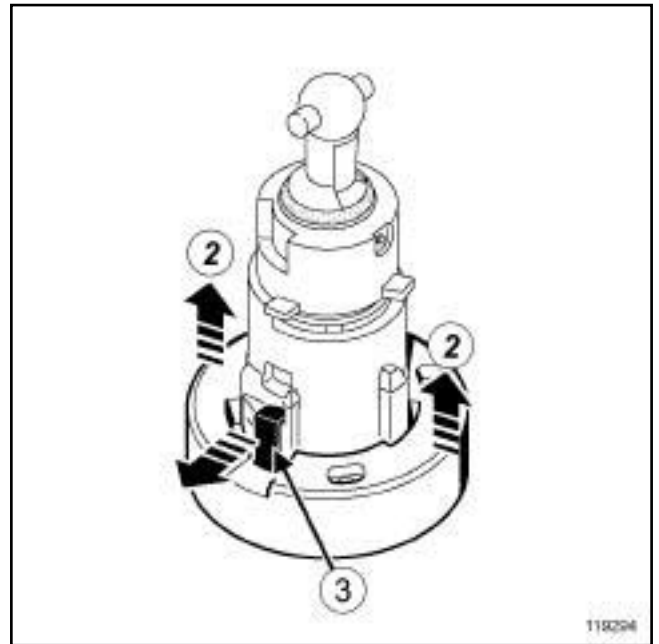
I - REMOVAL PREPARATION OPERATION

- Remove:
 - the front side door trim (see **Front side door trim: Removal - Refitting**) (MR 412, 72A, Side opening element trim),
 - the door sealing film (see **Door sealing film: Removal - Refitting**) (MR 412, 65A, Door sealing).

II - REMOVAL OPERATION FOR PART CONCERNED



- Turn the locking ring (1) on the door lock barrel by **1/8** of a turn anti-clockwise.



119294

- Remove:
 - the locking ring (2) keeping the lug (3) located on the lower section of the lock barrel unclipped,
 - the door lock barrel.

REFITTING

I - REMOVAL PREPARATION OPERATION

- Always replace the door lock barrel locking ring.

Note:

Note the direction of fitting of the door lock barrel locking ring's:

- mark G for the left-hand side,
- mark D for the right-hand side.

II - REFITTING OPERATION FOR PART CONCERNED

- Refit:
 - the door lock barrel,
 - the door lock barrel locking ring.
- Turn the door lock barrel locking ring by **1/8** of a turn clockwise.
- Carry out a function test

III - FINAL OPERATION.

Refit:

- the door sealing film (see **Door sealing film: Removal - Refitting**) (MR 412, 65A, Opening element sealing),
- the front side door trim (see **Front side door trim: Removal - Refitting**) (MR412, 72A, Side opening elements trim).

REMOVAL

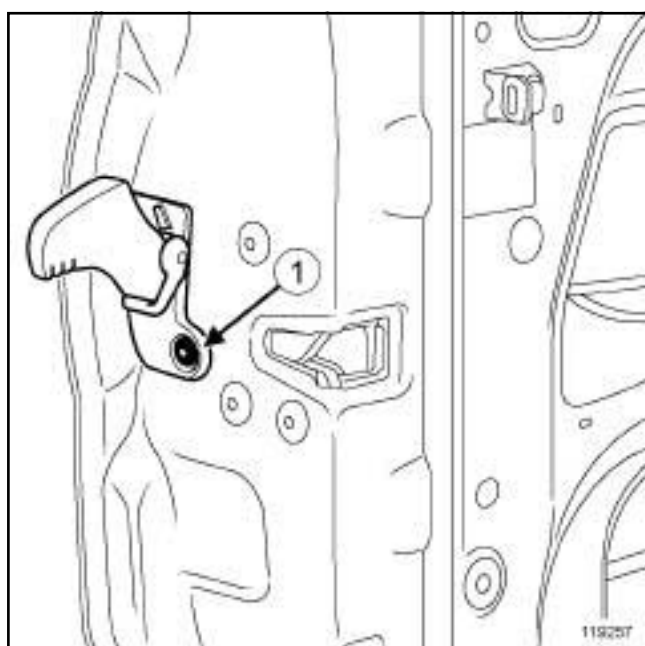
I - REMOVAL PREPARATION OPERATION

Remove:

- the front side door trim (see **Front side door trim: Removal - Refitting**) (MR 412, 72A, Side opening element trim),

- the door sealing film (see **Door sealing film: Removal - Refitting**) (MR 412, 65A, Door sealing).

II - REMOVAL OPERATION FOR PART CONCERNED



- Drill out the rivet (1) .
- Remove the exterior door handle.
- Unclip the opening release cable.

Note:

Do not damage the opening release cable when replacing the exterior door handle.

REFITTING

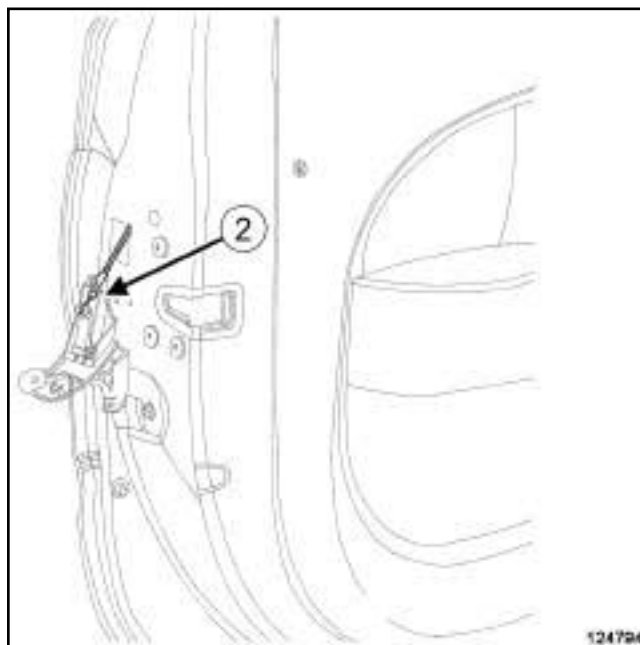
I - REFITTING PREPARATIONS OPERATION

- Retrieve the rivet body (1) in the door box section.

WARNING

To avoid any risk of corrosion after the localised stripping of the panel, reapply the protective coating (see Technical Note 0592A).

II - REFITTING OPERATION FOR PART CONCERNED



124794

- Clip on the opening release cable (2) .
- Refit the door exterior handle.
- Carry out a function test.
- Refit the rivet (1) (part no.: 77 03 072 251).

III - FINAL OPERATION.

- Refit:
 - the door sealing film (see **Door sealing film: Removal - Refitting**) (MR 412, 65A, Opening element sealing),
 - the front side door trim (see **Front side door trim: Removal - Refitting**) (MR412, 72A, Side opening elements trim).

Tightening torques

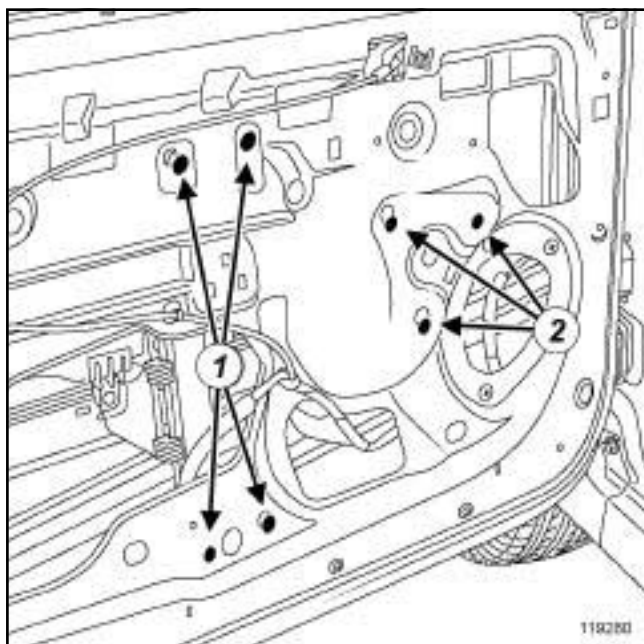
electric window winder mechanism bolts	6.5 Nm
--	--------

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Remove:
 - the front side door trim (see **Front side door trim: Removal - Refitting**) (MR 412, 72A, Side opening element trim),
 - the door sealing film (see **Door sealing film: Removal - Refitting**) (MR 412, 65A, Opening element sealing),
 - the front side sliding door window (see **54A, Windows, Front side door sliding window: Removal - Refitting**, page 54A-3) or keep it in the raised position with masking tape.

II - REMOVAL OPERATION FOR PART CONCERNED



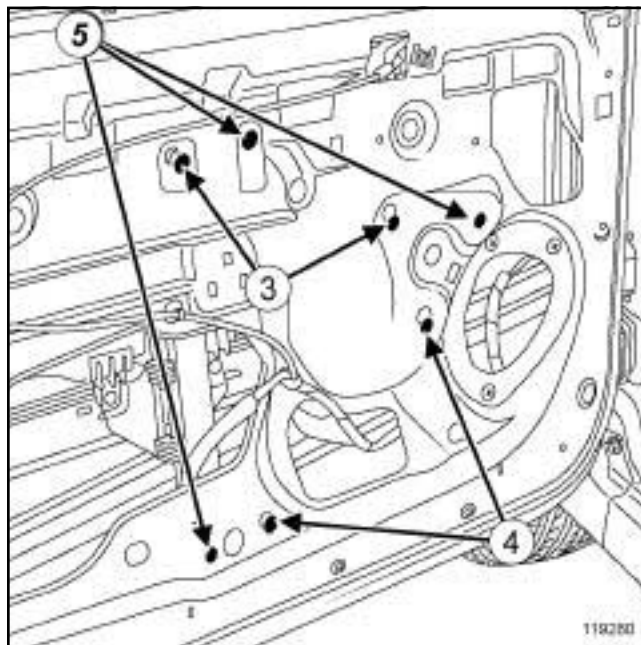
119280

- Remove:
 - the bolts (1) ,
 - the bolts (2) .
- Disconnect the window winder mechanism supply connector.
- Remove the window lift mechanism.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Refit the window lift mechanism.
- Connect the window winder mechanism supply connector.
- Refit:
 - the window winder mechanism bolts without tightening them,
 - the front side sliding door window (see **54A, Windows, Front side door sliding window: Removal - Refitting**, page 54A-3) or keep it in the raised position with masking tape.



119280

Note:

When refitting the window winder mechanism, follow the tightening order of the bolts.

The tightening order ensures the window winder mechanism is correctly aligned.

- Torque tighten the **electric window winder mechanism bolts (6.5 Nm)** following the tightening order:
 - bolt (3) ,
 - bolt (4) ,
 - bolt (5) .
- Carry out a function test.

II - FINAL OPERATION.

- Refit:
 - the door sealing film (see **Door sealing film: Removal - Refitting**) (MR 412, 65A, Opening element sealing),
 - the front side door trim (see **Front side door trim: Removal - Refitting**) (MR 412, 72A, Side opening element trim),
- Initialise the window winder motor (see **Electric window: Initialisation**) (MR 413, 87D, Electric windows - Sunroof).

Tightening torques

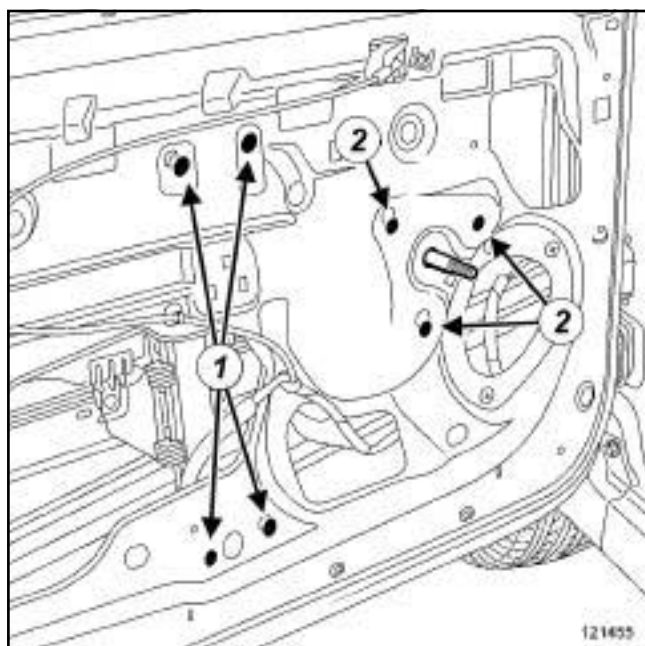
manual window winder mechanism bolts	6.5 Nm
--------------------------------------	--------

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Remove:
 - the front side door trim (see **Front side door trim: Removal - Refitting**) (MR 412, 72A, Side opening element trim),
 - the door sealing film (see **Door sealing film: Removal - Refitting**) (MR 412, 65A, Opening element sealing),
 - the front side sliding door window (see **54A, Windows, Front side door sliding window: Removal - Refitting**, page 54A-3) or keep it in the raised position with masking tape.

II - REMOVAL OPERATION FOR PART CONCERNED

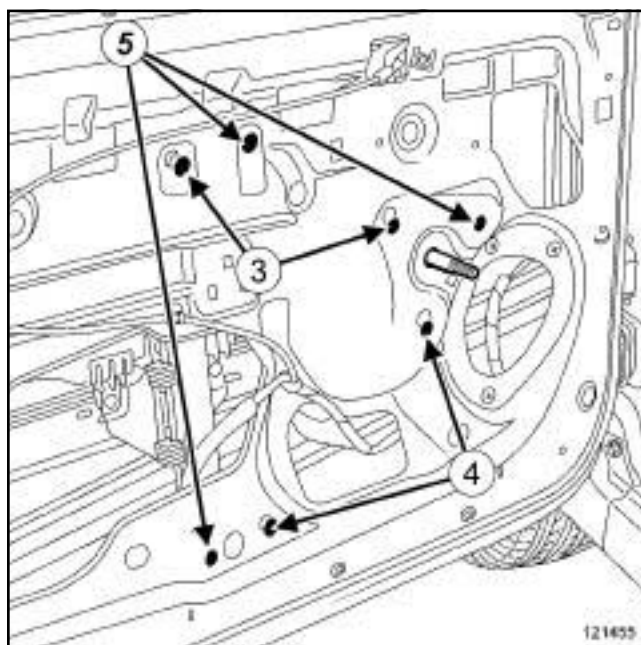


- Remove:
 - the bolts (1) ,
 - the bolts (2) .
- Remove the window lift mechanism.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Check that there is sealing foam on the manual window winder mechanism.
- Refit:
 - the window winder mechanism,
 - the window winder mechanism bolts without tightening them,
 - the front side sliding door window (see **54A, Windows, Front side door sliding window: Removal - Refitting**, page 54A-3) or keep it in the raised position with masking tape.



121455

- Note:**

When refitting the window winder mechanism, follow the tightening order of the bolts.

The tightening order ensures the window winder mechanism is correctly aligned.
- Torque tighten the **manual window winder mechanism bolts (6.5 Nm)** following the tightening order:
 - bolt (3) ,
 - bolt (4) ,
 - bolt (5) .
- Carry out a function test.

II - FINAL OPERATION.

Refit:

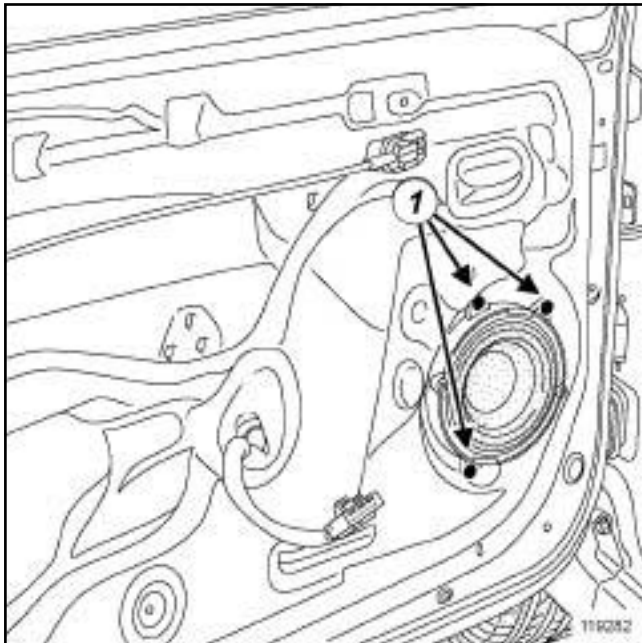
- the door sealing film (see **Door sealing film: Removal - Refitting**) (MR 412, 65A, Opening element sealing),
- the front side door trim (see **Front side door trim: Removal - Refitting**) (MR412, 72A, Side opening elements trim).

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Remove the front side door trim ((see **Front side door trim: Removal - Refitting**)).

1 - Vehicle with front speakers



- Remove:
 - the speaker mounting bolts (1) ,
 - the speaker mounting.
- Disconnect the speaker connector.

2 - Vehicle without front speakers

- Remove the sealing film ((see **Door sealing film: Removal - Refitting**)).

II - OPERATION FOR REMOVAL OF PART CONCERNED



119258

- Remove:
 - the bolt (2) ,
 - the bolts (3) ,
 - the front side door check strap from inside the door box section.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Refit:
 - the front side door check strap through the inside of the door box section,
 - the bolts (3) ,
 - the bolt (2) .

II - FINAL OPERATION.

1 - Vehicle with front speakers

- Connect the speaker connector.
- Refit:
 - the speaker mounting,
 - the speaker mounting bolts (1) ,
 - the front side door trim ((see **Front side door trim: Removal - Refitting**)).

SIDE OPENING ELEMENT MECHANISMS

Front side door check strap: Removal - Refitting

51A

2 - Vehicle without front speakers

Refit:

- the sealing film ((see **Door sealing film: Removal - Refitting**)),
- the front side door trim ((see **Front side door trim: Removal - Refitting**)).

Tightening torques

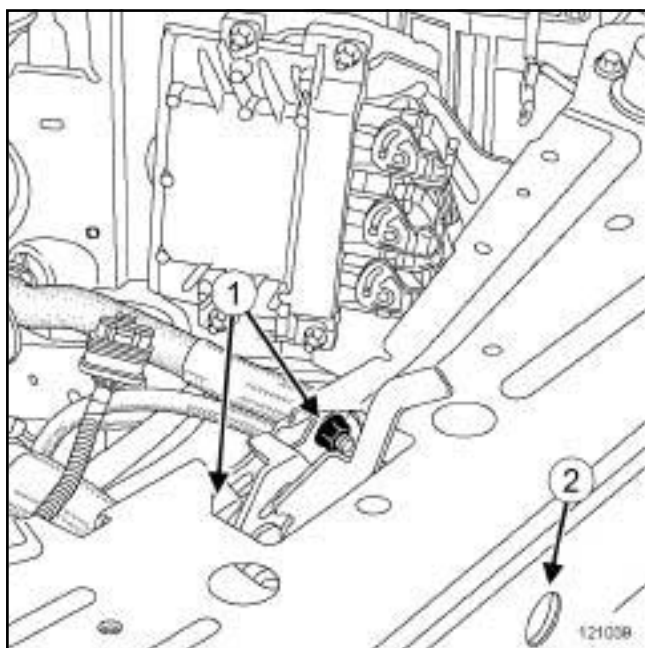
bonnet catch nuts	21 Nm
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REMOVAL

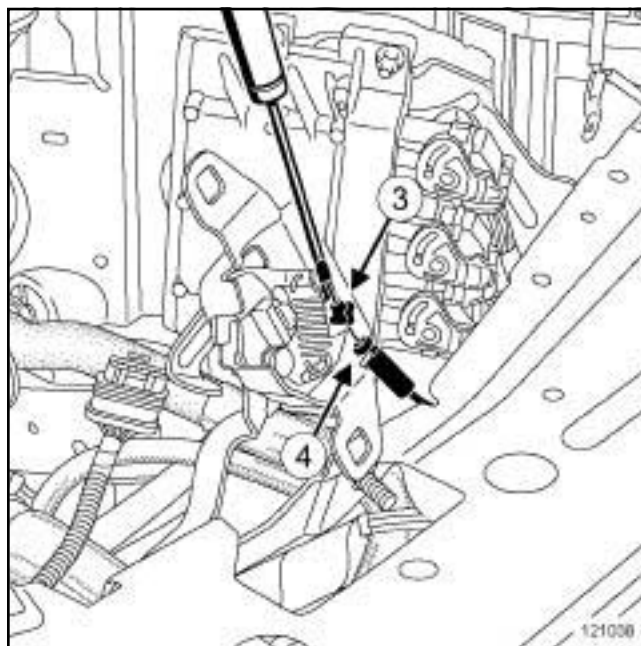
I - REMOVAL PREPARATION OPERATION

- Remove the front bumper (see **55A, Exterior protection, Front bumper: Removal - Refitting**, page 55A-1) .

II - OPERATION FOR REMOVAL OF PART CONCERNED



- Remove:
 - the bonnet catch nuts (1) through the openings (2) in the front upper cross member,
 - partially the bonnet catch.



121038

- Unclip:
 - the clip (3) using a flat screwdriver,
 - the bonnet opening cable sleeve stop (4) .
- Remove the bonnet catch.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Clip on:
 - the clip (3) ,
 - the bonnet opening cable sleeve stop (4) .
- Refit:
 - the bonnet catch,
 - the bonnet catch nuts (1) .
- Pretighten the bonnet catch nuts.
- Adjust the play and flush fitting of the bonnet ((see **Bonnet: Adjustment**)) .
- Torque tighten the **bonnet catch nuts (21 Nm)**.

II - FINAL OPERATION.

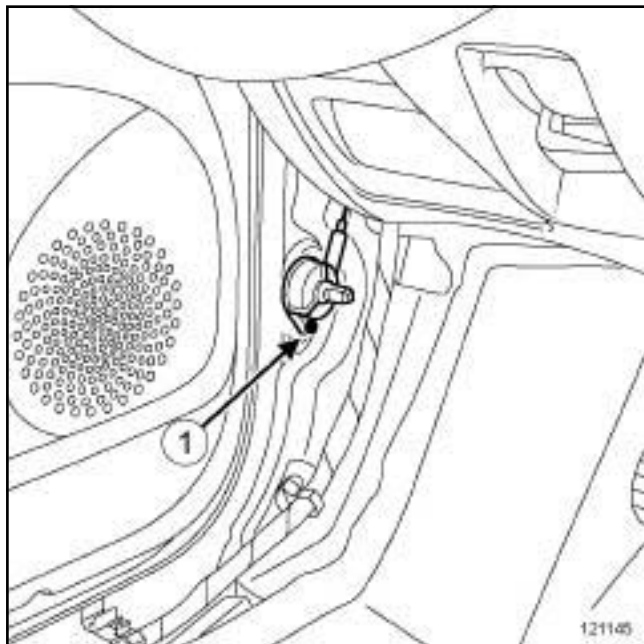
- Refit the front bumper (see **55A, Exterior protection, Front bumper: Removal - Refitting**, page 55A-1) .

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Remove:
 - the battery ((see **Battery: Removal - Refitting**)),
 - the battery tray ((see **Battery tray: Removal - Refitting**)),
 - the front wheel arch liner (see **55A, Exterior protection, Front wheel arch liner: Removal - Refitting**, page **55A-18**) ,
 - the front bumper (see **55A, Exterior protection, Front bumper: Removal - Refitting**, page **55A-1**) ,
 - the bonnet catch (see **52A, Non-side opening element mechanisms, Bonnet lock: Removal - Refitting**, page **52A-1**) ,
 - the front door sill lining ((see **Front door sill lining: Removal - Refitting**)).

II - OPERATION FOR REMOVAL OF PART CONCERNED



- Remove the bolt (1) .
- Unclip the bonnet release catch.
- Note the route of the bonnet release cable.
- Remove the bulkhead cable routing blanking piece.
- Remove the bonnet release cable.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Refit:
 - the bonnet opening cable,
 - the bulkhead cable routing blanking piece.
- Clip on the bonnet release catch.
- Refit the bolt (1) .

II - FINAL OPERATION.

- Refit:
 - the front door sill lining ((see **Front door sill lining: Removal - Refitting**)),
 - the bonnet catch (see **52A, Non-side opening element mechanisms, Bonnet lock: Removal - Refitting**, page **52A-1**) ,
 - the front bumper (see **55A, Exterior protection, Front bumper: Removal - Refitting**, page **55A-1**) ,
 - the front wheel arch liner (see **55A, Exterior protection, Front wheel arch liner: Removal - Refitting**, page **55A-18**) ,
 - the battery tray ((see **Battery tray: Removal - Refitting**)),
 - the battery ((see **Battery: Removal - Refitting**)).

Tailgate lock: Removal - Refitting

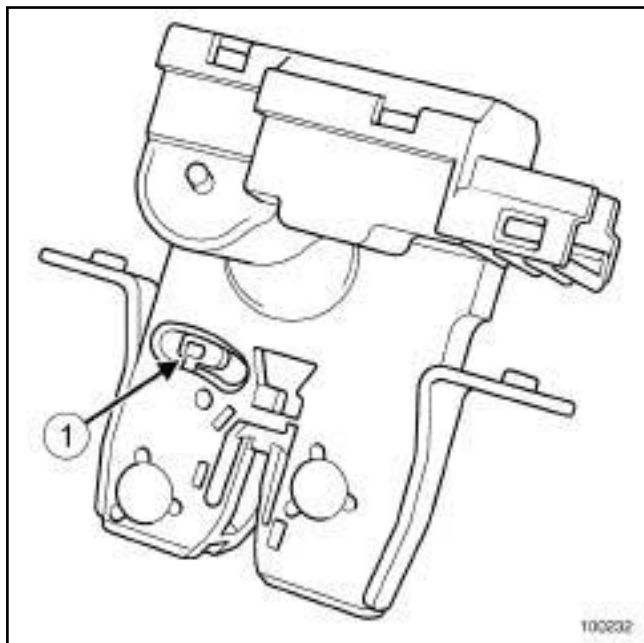
Tightening torques

boot lock bolts	8 Nm
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REMOVAL

I - REMOVAL PREPARATION OPERATION

- Remove the tailgate trim ((see **Tailgate trim: Removal - Refitting**)).



100232

-

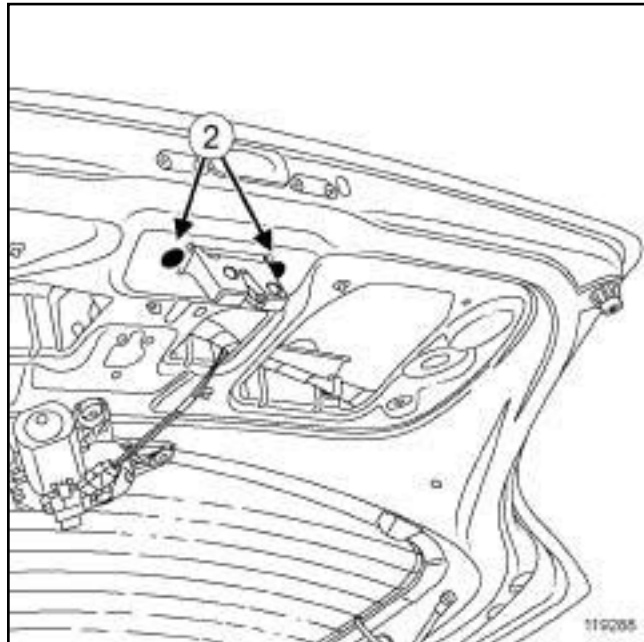
Note:

If there is an electrical fault it is possible to open the tailgate manually.

Carry out this operation from inside the vehicle.

Unlock the tailgate lock by pushing lug (1) with a screwdriver.

II - OPERATION FOR REMOVAL OF PART CONCERNED



119288

- Remove:
 - the bolts (2) from the boot lock,
 - the lock from inside the tailgate.
- Disconnect the connector from the tailgate lock.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Connect the connector to the tailgate lock.
- Refit:
 - the lock from inside the tailgate,
 - the bolts (2) on the boot lock.
- Torque tighten the **boot lock bolts (8 Nm)**.

II - FINAL OPERATION.

- Refit the tailgate trim ((see **Tailgate trim: Removal - Refitting**)).

Tailgate strut: Removal - Refitting

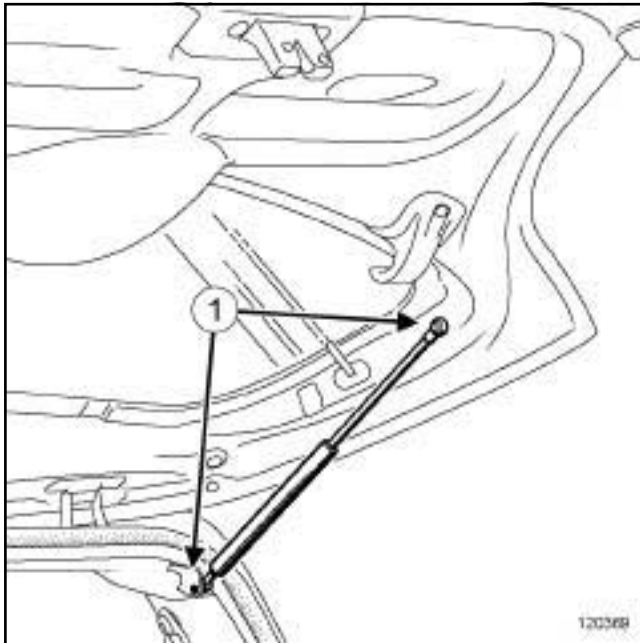
REMOVAL

I - REMOVAL PREPARATION OPERATION

WARNING

Note the direction in which the tailgate gas struts are fitted before removal.

II - OPERATION FOR REMOVAL OF PART CONCERNED



120369

- Extract the clips (1) without removing them.
- Remove the struts whilst holding the tailgate.

REFITTING

I - REFITTING PREPARATION OPERATION

- Position the clips on the struts.

II - REFITTING OPERATION FOR PART CONCERNED

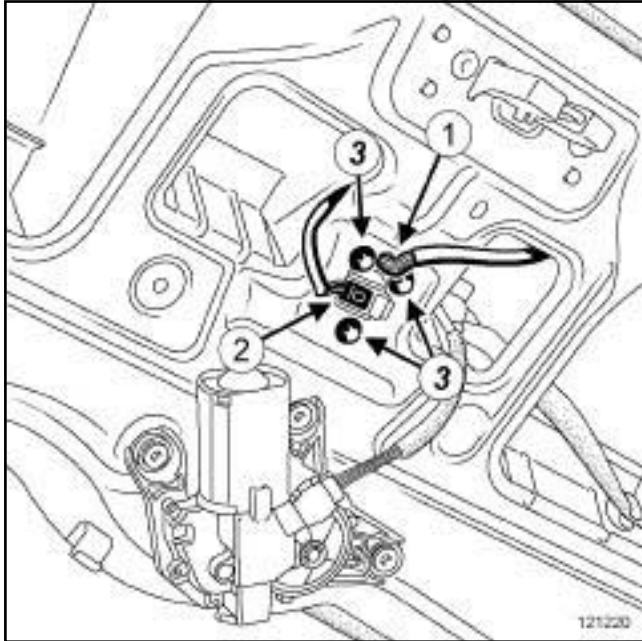
- Offer up and clip in the struts.

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Remove the tailgate trim (see **Tailgate trim: Removal - Refitting**) (MR 412, 73A, Non-side opening element trim).

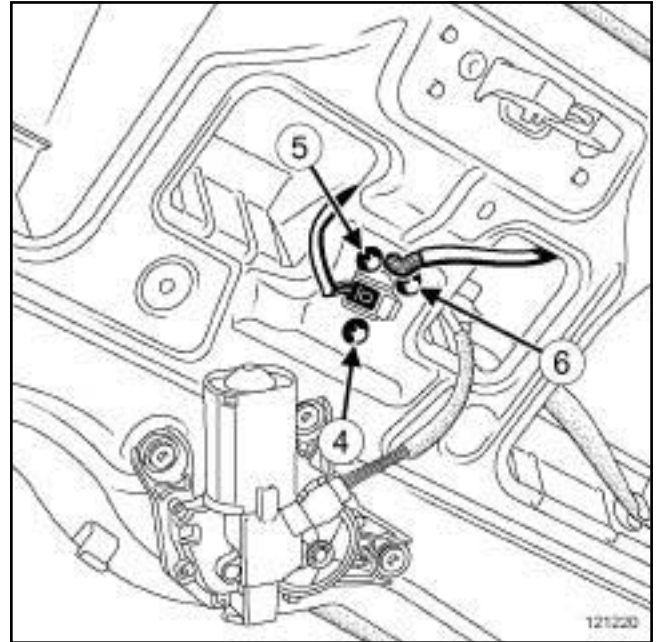
II - REMOVAL OPERATION FOR PART CONCERNED



- Disconnect:
 - the pipe (1) ,
 - the connector (2) .
- Remove:
 - the bolts (3) ,
 - the badge,
 - the exterior opening control for the tailgate

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED



- Refit:
 - the tailgate exterior opening control,
 - the badge.
- Tighten the bolts according to the tightening order (4) , (5) and (6) .
- Connect:
 - the pipe (1) ,
 - the connector (2) .

II - FINAL OPERATION.

- Refit the tailgate trim (see **Tailgate trim: Removal - Refitting**) (MR 412, 73A, Non-side opening element trim).

Equipment required

Diagnostic tool

IMPORTANT

To avoid any risk of triggering when working on or near a pyrotechnic component (airbags or pretensioners), lock the airbag computer using the diagnostic tool.

When this function is activated, all the trigger lines are inhibited and the airbag warning light on the instrument panel lights up continuously (ignition on).

IMPORTANT

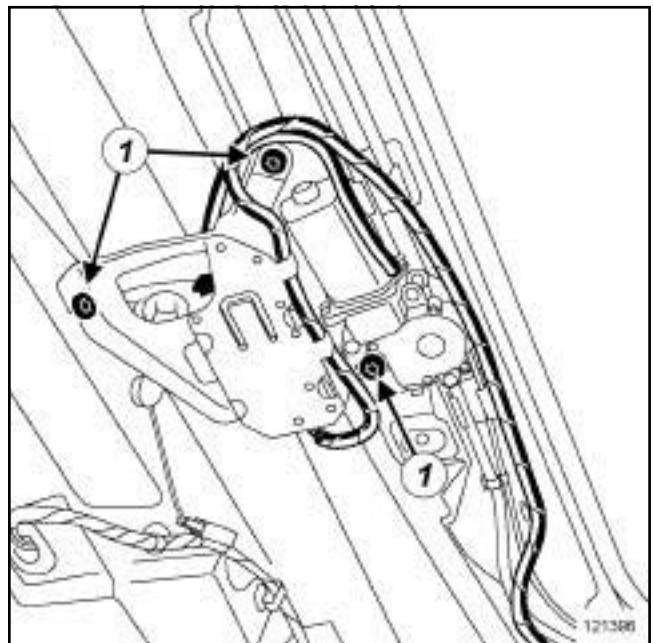
Never handle the pyrotechnic systems (pretensioners or airbags) near to a source of heat or naked flame - they may be triggered.

REMOVAL

I - REMOVAL PREPARATION OPERATION

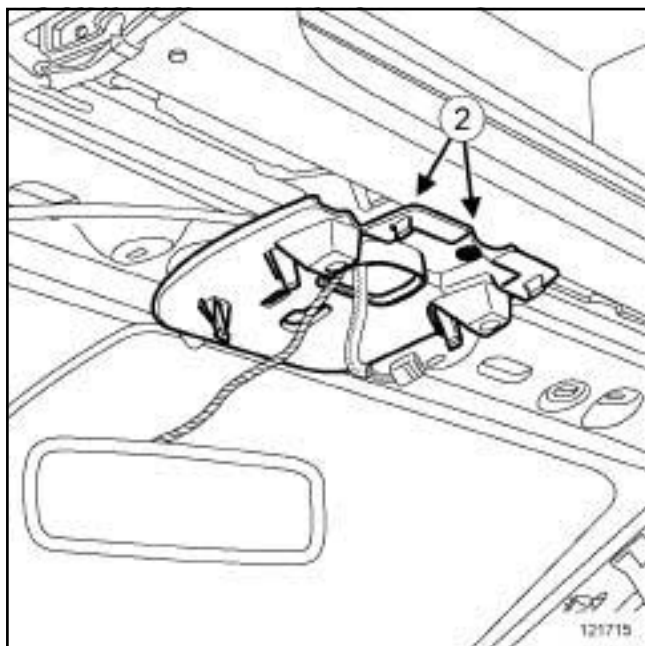
- Partially open the sunroof mobile panel.
- Lock the airbag computer using the **Diagnostic tool** (see **Fault finding - Replacement of components**) (MR 413, 88C, Airbags and seat belt pretensioners).
- Disconnect the battery (see **Battery: Removal - Refitting**) (MR 411, 80A, Battery).
- Remove:
 - the sunroof console (see **Sunroof switch: Removal - Refitting**) (MR 411, 87D, Electric window winders - Sunroof),
 - the sun visors (see **57A, Interior equipment, Sun visor: Removal - Refitting**, page 57A-16),
 - the A-pillar trims (see **Windscreen pillar trim: Removal - Refitting**) (MR 412, 71A, Body internal trim),
 - the rear bench seatback (depending on equipment level) (see **Rear bench seatback: Removal - Refitting**) (MR 412, 76A, Rear seat frames and runners),
 - the rear parcel shelf side trim panels (see **Rear parcel shelf side trim: Removal - Refitting**) (MR 412, 71A, Body internal trim),

- the rear panel trims (see **Rear panel lining: Removal - Refitting**) (MR 412, 71A, Body internal trim),
- the B-pillar upper trims (see **B-pillar upper trim: Removal - Refitting**) (MR 412, 71A, Body internal trim),
- the rear quarter panel trims (see **Quarter panel trim: Removal - Refitting**) (MR 412, 71A, Body internal trim),
- the headlining (see **Headlining: Removal - Refitting**) (MR 412, 71A, Body internal trim),
- the cross member mounting of the sunroof sun visor (see **52A, Non-side opening element mechanisms, Sunroof sun visors: Removal - Refitting**, page 52A-15),
- the roof protection strips (see **55A, Exterior protection, Roof protection strip: Removal - Refitting**, page 55A-17).



121396

- Remove:
 - the bolts (1),
 - the sunroof computer mounting.
- Disconnect the sunroof computer connectors.



121715

- Remove:
 - the bolts (2) ,
 - the sunroof console mounting.
- Protect the vehicle interior.

II - OPERATION FOR REMOVAL OF PART CONCERNED

- Protect the sunroof frame using masking tape.
- insert the threading needle preferably at the front left or right of the sunroof operating mechanism.
- Cut the cement bead (this operation requires two people).

WARNING

When cutting the cement bead, make sure that the wire passes between the panel and the positioning shims on the edge of the sunroof operating mechanism.

- Remove the sunroof operating mechanism using the specific support (x2):
 - Support: **PARV 202**,
 - arch sets: **APARV 200 ESP**.

REFITTING

I - REFITTING PREPARATION OPERATION

- For preparation and bonding see **Technical Note 560A, General procedure for bonding windows and sunroof**.
- Position:
 - the two centring guides on the sunroof operating mechanism,
 - the positioning shims on the periphery of the sunroof operating mechanism.

II - REFITTING OPERATION FOR PART CONCERNED

- Position the cement bead at the interior roof panel surround or on the sunroof cassette according to the marking.
- Bond the sunroof mechanism using the special support (this operation requires two people).
- Centre the sunroof operating mechanism with indexing guides with an operator inside the vehicle.
- Check that the sunroof operating mechanism positioning shims make contact with the roof.
- Remove the two indexing guides **30 minutes** after bonding the sunroof operating mechanism.

III - FINAL OPERATION.

- Connect the sunroof computer connectors.
- Refit:
 - the bolts (2) ,
 - the sunroof console mounting,
 - the bolts (1) ,
 - the sunroof computer mounting,
 - the roof protection strips (see **55A, Exterior protection, Roof protection strip: Removal - Refitting**, page 55A-17) ,
 - the cross member mounting of the sunroof sun visor (see **52A, Non-side opening element mechanisms, Sunroof sun visors: Removal - Refitting**, page 52A-15) ,
 - the headlining (see **Headlining: Removal - Refitting**) (MR 412, 71A, Body internal trim),
 - the rear quarter panel trims (see **Quarter panel trim: Removal - Refitting**) (MR 412, 71A, Body internal trim),

- the B-pillar upper trims (see **B-pillar upper trim: Removal - Refitting**) (MR 412, 71A, Body internal trim),
 - the rear panel trims (see **Rear panel lining: Removal - Refitting**) (MR 412, 71A, Body internal trim),
 - the rear parcel shelf side trim panels (see **Rear parcel shelf side trim: Removal - Refitting**) (MR 412, 71A, Body internal trim),
 - the rear bench seatback (depending on equipment level) (see **Rear bench seatback: Removal - Refitting**) (MR 412, 76A, Rear seat frames and runners),
 - the A-pillar trims (see **Windscreen pillar trim: Removal - Refitting**) (MR 412, 71A, Body internal trim),
 - the sunroof console (see **Sunroof switch: Removal - Refitting**) (MR 411, 87D, Electric window winders - Sunroof),
 - the sun visors (see **57A, Interior equipment, Sun visor: Removal - Refitting**, page 57A-16) .
- Connect the battery (see **Battery: Removal - Refitting**) (MR 411, 80A, Battery).
 - Unlock the airbag computer using the **Diagnostic tool** (see **Fault finding - Replacement of components**) (MR 413, 88C, Airbags and seat belt pretensioners).
 - Initialise the sunroof motor (see **Electric sunroof: Initialisation**) (MR 413, 87D, Electric windows - Sunroof).

NON-SIDE OPENING ELEMENT MECHANISMS

Sunroof mobile panel: Removal - Refitting

52A

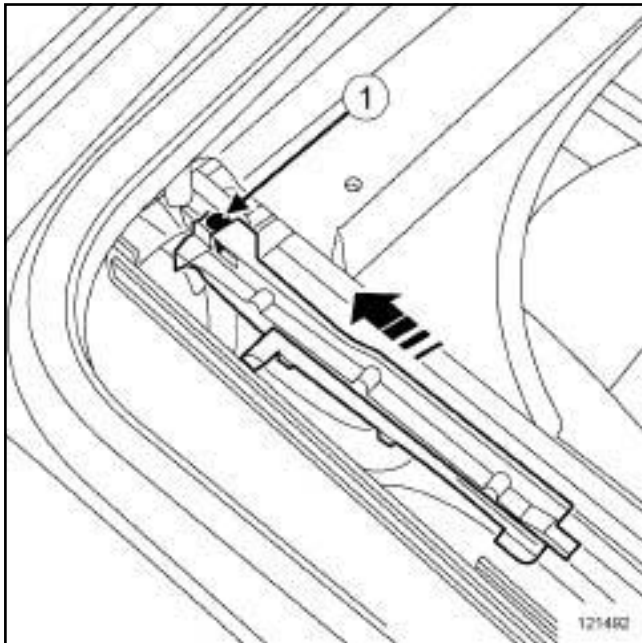
Tightening torques

detachable rail bolt	2.5 N.m
----------------------	---------

REMOVAL

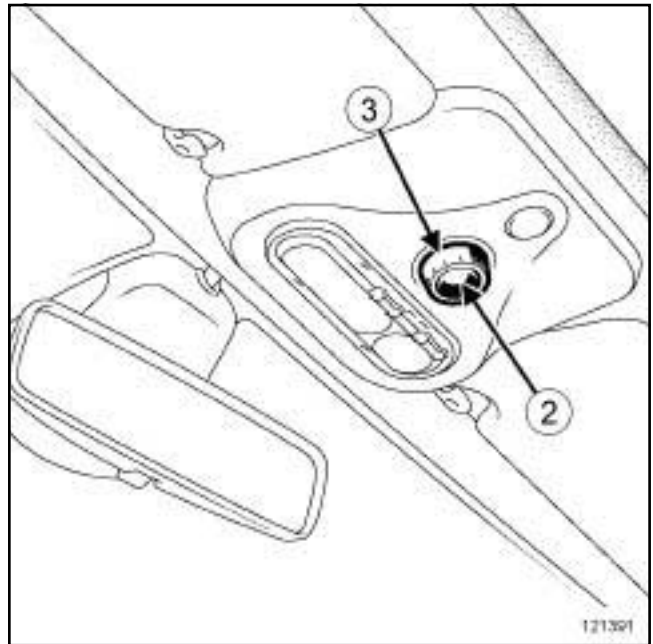
I - REMOVAL PREPARATION OPERATION

- Open the sunroof.

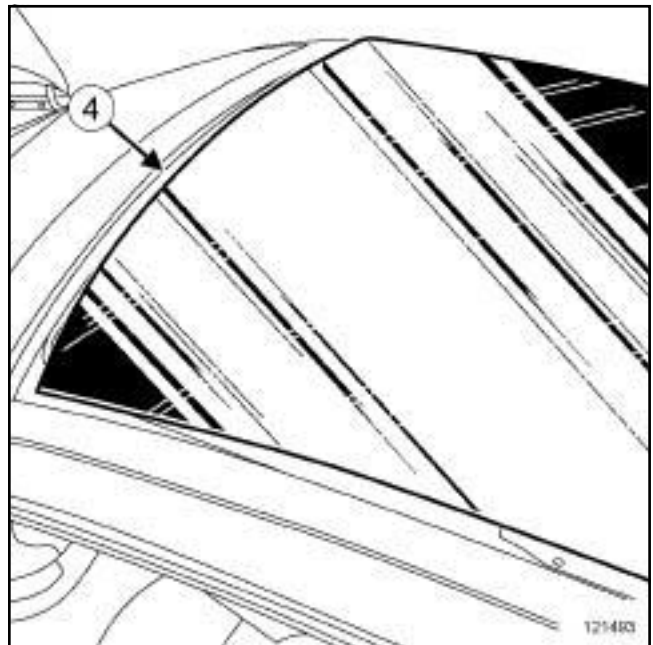


121492

- Remove:
 - the detachable rail bolt (1) ,
 - the static rail.



121391

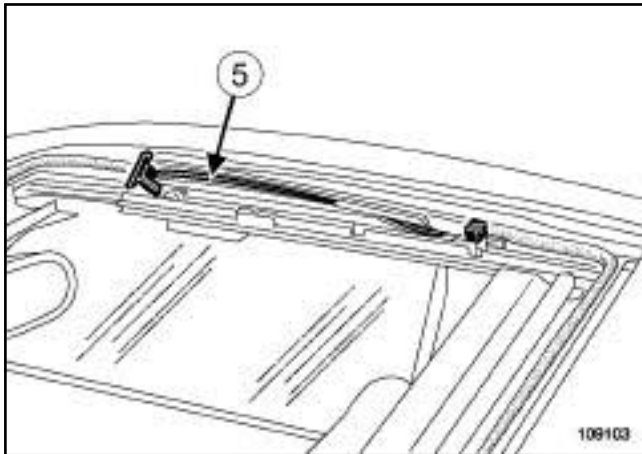


121493

- Press the button (2) in the central section.
- Rotate the outer part completely (3) to the left, whilst pressing the button (2) .
- Hold this position for **3 seconds**.
- Release for **1 second** the pressure on the button (2) .
- Press the button (2) until it reaches the position (4) on the sunroof deflector (the mobile panel moves in "step" mode).

II - REMOVAL OPERATION FOR PART CONCERNED

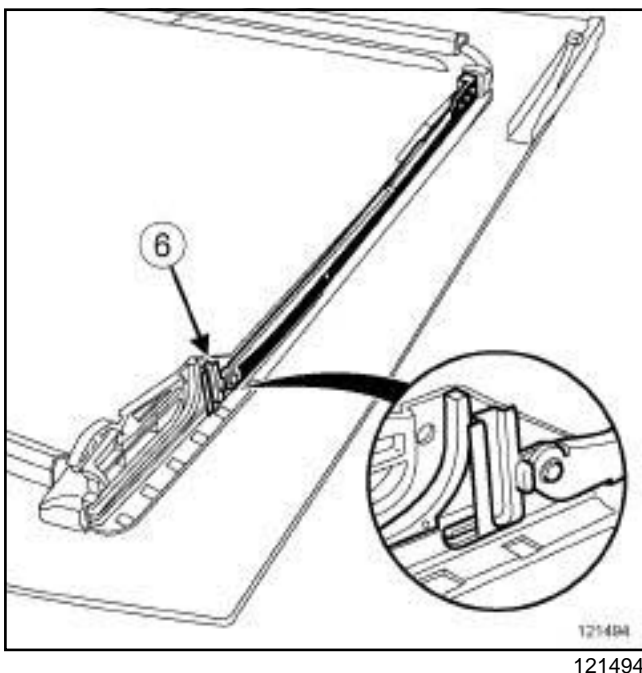
- ❑ Lift the front section of the mobile panel to detach the operating slides.
- ❑ Manually remove the mobile panel from the front (this operation requires two people).



- ❑ Remove the sliding guides (5) .

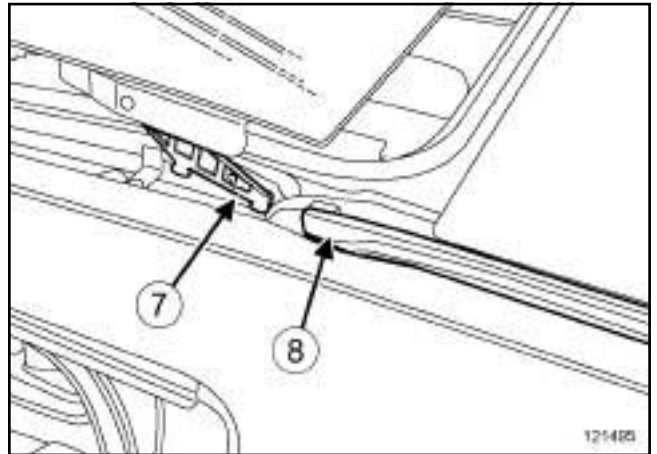
REFITTING

I - REFITTING PREPARATION OPERATION

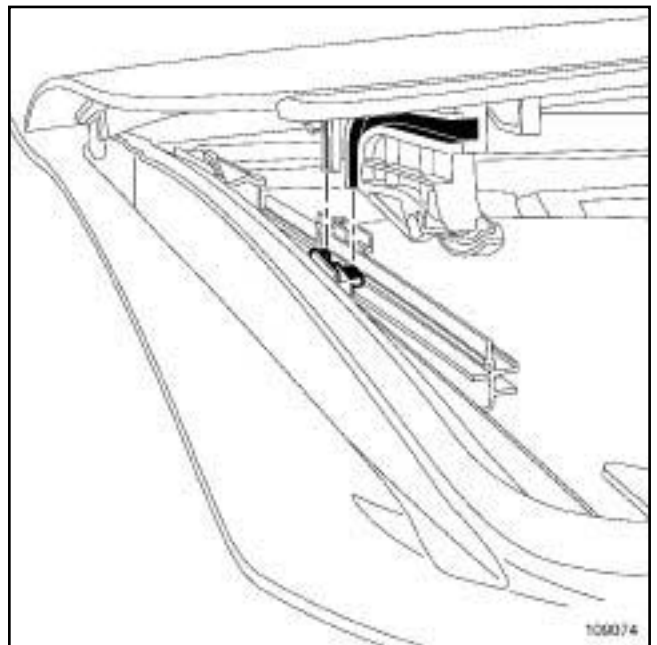


- ❑ Refit the sliding guides on the mobile panel.
- ❑ Position the sliding guides on the mobile panel at (6)

II - REFITTING OPERATION FOR PART CONCERNED



- ❑ Insert the mobile panel linkages (7) into the sunroof operating mechanism rails (8) (this operation requires two people).

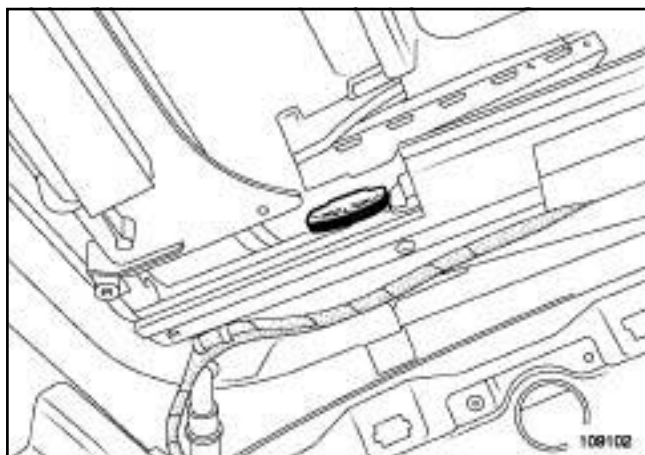


- ❑ Check that the front sections of the side rails and the operating slides are correctly positioned.

Note:

Before refitting the front section of the mobile panel to the operating slides, check that the sliding guides are still in position (6) .

- ❑ Refit the front section of the mobile panel to the operating slides.



109102

- ❑ Open the mobile panel ensuring the guide brackets are inserted into the side rails of the sunroof operating mechanism.

Note:

In the event that the sunroof mobile panel jams, it is necessary to remove the headlining (see **Headlining: Removal - Refitting**) (MR 412, 71A, Body internal trim).

III - FINAL OPERATION.

- ❑ Refit:
 - the detachable rail,
 - the detachable rail bolt **(3)**,
- ❑ Torque tighten the **detachable rail bolt (2.5 N.m)**.
- ❑ Initialise the sunroof motor (see **Electric sunroof: Initialisation**) (MR 413, 87D, Electric windows - Sunroof).

NON-SIDE OPENING ELEMENT MECHANISMS

Sunroof mobile panel guide: Removal - Refitting

52A

PANORAMIC SUNROOF

Note:

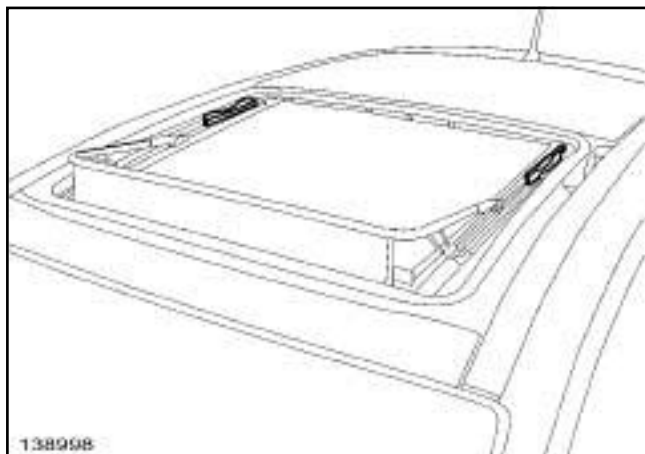
It is always necessary to replace the four mobile panel guides at the same time.

REMOVAL

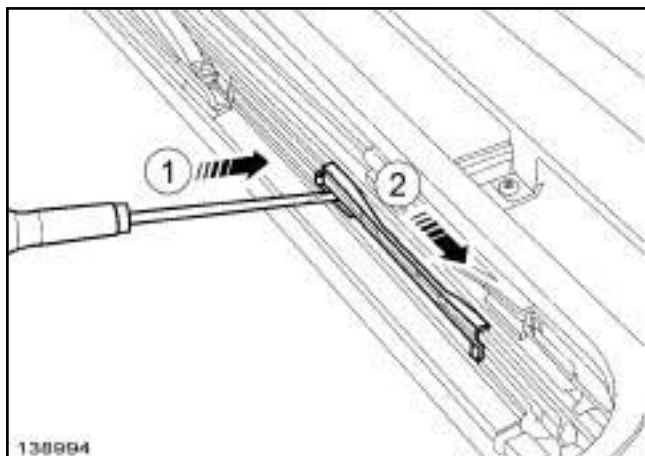
I - REMOVAL PREPARATION OPERATION

- ❑ Remove the sunroof mobile panel (see 52A, Non-side opening element mechanisms, Sunroof mobile panel: Removal - Refitting, page 52A-9) .

II - OPERATION FOR REMOVAL OF PART CONCERNED

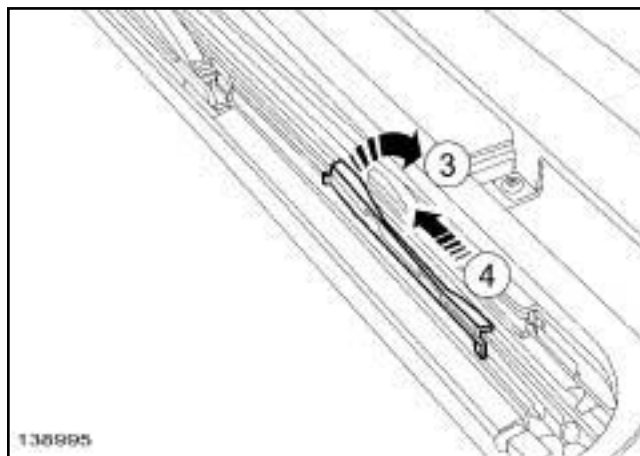


138998



138994

- ❑ Unclip the sunroof mobile panel guides using a screwdriver at (1) then at (2) .

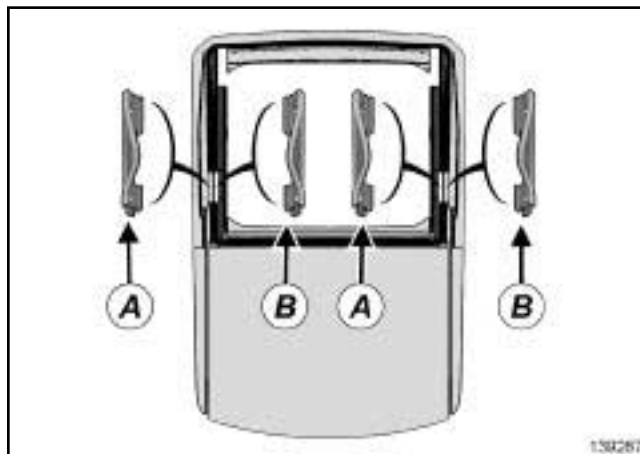


138995

- ❑ Remove the sunroof mobile panel guides at (3) and (4) .

REFITTING

I - REFITTING PREPARATION OPERATION



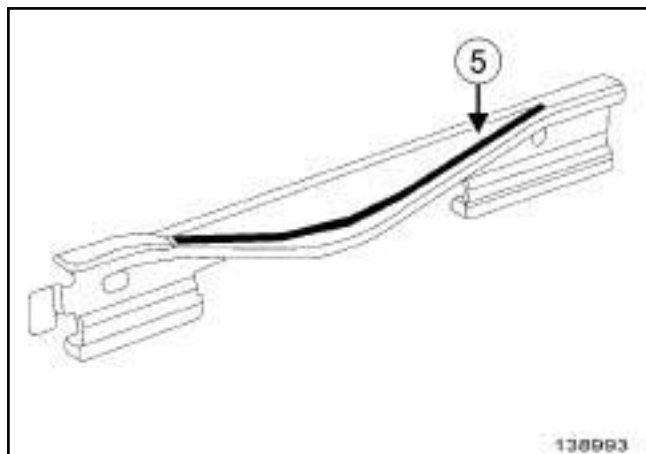
139287

- ❑

Note:

Respect the position of the sunroof mobile panel guides (A) and (B) .

PANORAMIC SUNROOF



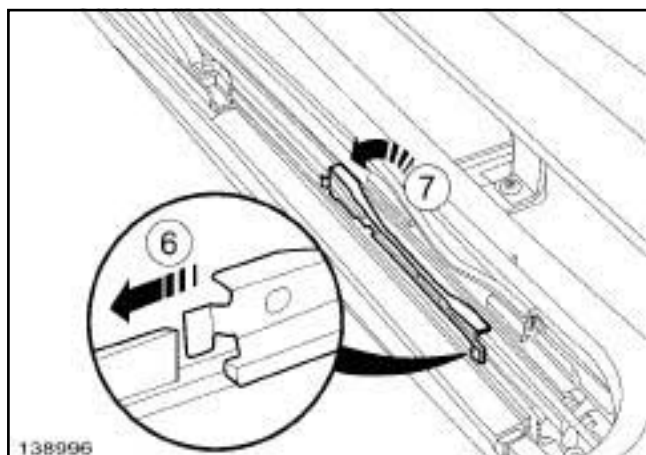
138993

- Use a **LINT-FREE CLOTH** soaked in **HEPTANE** (see **Vehicle: Parts and consumables for the repair**) (04B, Consumables - Products) to clean the areas (5) of the sunroof mobile panel guides.
- Wipe the areas (5) with a clean and dry **LINT-FREE CLOTH** (see **Vehicle: Parts and consumables for the repair**) (04B, Consumables - Products).
- Using a fine brush, lightly grease areas (5) only with **OPENING ELEMENT GREASE** (see **Vehicle: Parts and consumables for the repair**) (04B, Consumables - Products).

II - REFITTING OPERATION FOR PART CONCERNED

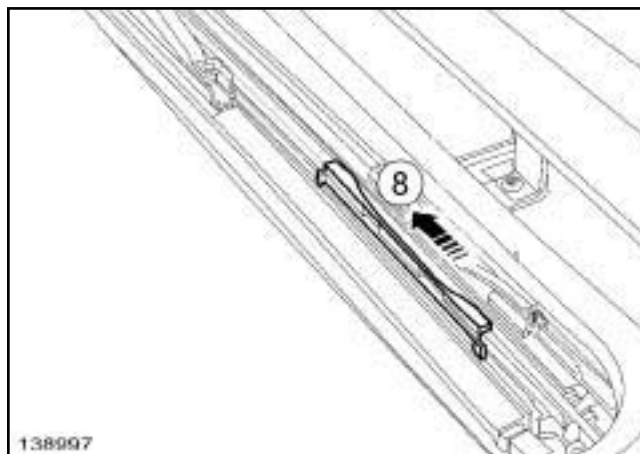
Note:

Before refitting the sunroof mobile panel guides, check that there are no foreign bodies in the clipping area.



138996

- Refit the sunroof mobile panel guides at (6) and (7) .



138997

- Clip on the sunroof mobile panel guides at (8) until the locking noise can be heard.

III - FINAL OPERATION

- Refit the mobile panel to the sunroof (see **52A, Non-side opening element mechanisms, Sunroof mobile panel: Removal - Refitting**, page 52A-9) .

Tightening torques

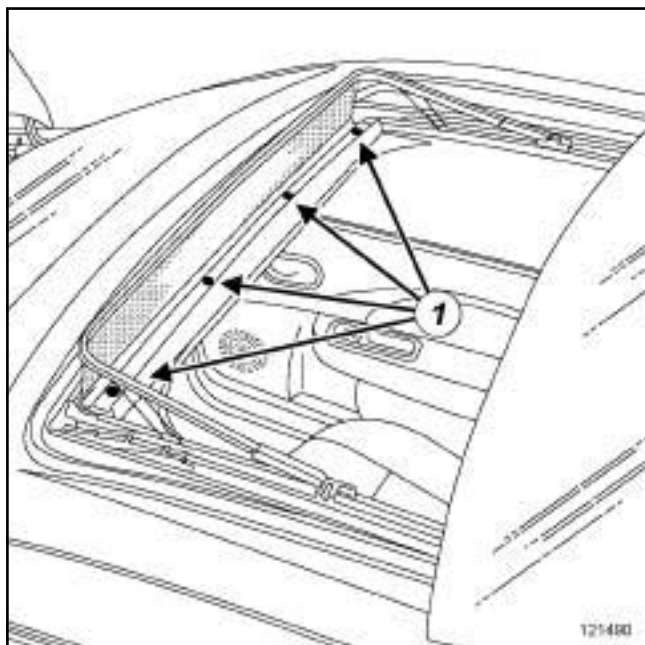
deflector bolts	2.5 Nm
-----------------	--------

REMOVAL

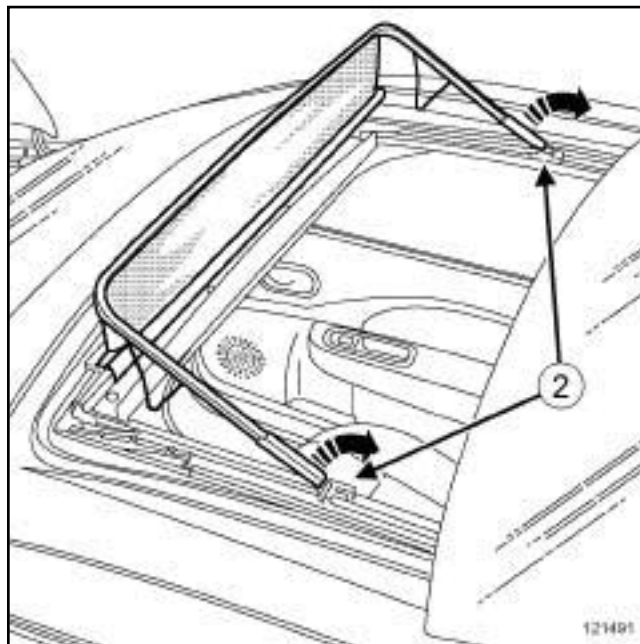
I - REMOVAL PREPARATION OPERATION

- Open the sunroof mobile panel.

II - OPERATION FOR REMOVAL OF PART CONCERNED



- Remove the deflector bolts (1) .



- Remove the deflector by pivoting it (2) towards the rear.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Refit the deflector at (2) .
- Position the deflector return spring.
- Keep applying pressure to the deflector.
- Refit the deflector bolts (1) .
- Torque tighten the **deflector bolts (2.5 Nm)**.

II - FINAL OPERATION.

- Initialise the sunroof motor (see **Electric sunroof: Initialisation**) (MR 413, 87D, Electric windows - Sunroof).

PANORAMIC SUNROOF

Equipment required

Diagnostic tool

Tightening torques

roof middle cross member bolts **4 N.m**

IMPORTANT

To avoid any risk of triggering when working on or near a pyrotechnic component (airbags or pretensioners), lock the airbag computer using the diagnostic tool.

When this function is activated, all the trigger lines are inhibited and the airbag warning light on the instrument panel lights up continuously (ignition on).

IMPORTANT

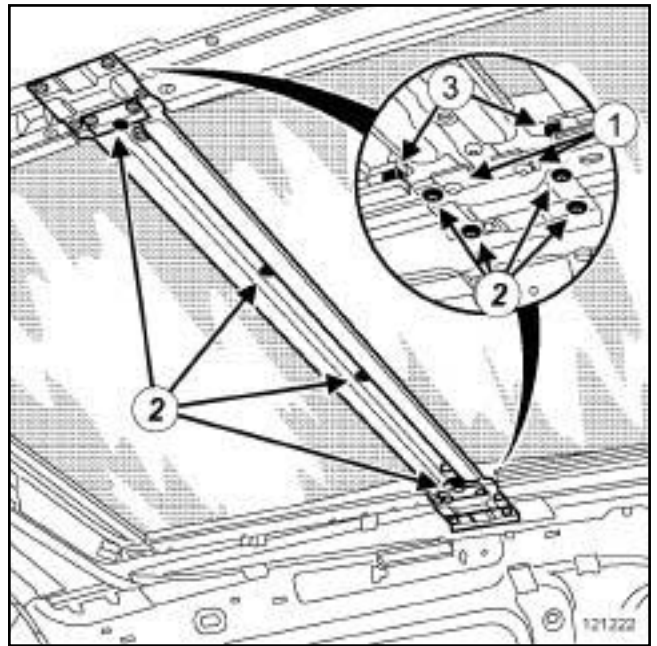
Never handle the pyrotechnic systems (pretensioners or airbags) near to a source of heat or naked flame - they may be triggered.

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Lock the airbag computer using the **Diagnostic tool** (see **Fault finding - Replacement of components**) (88C, Airbags and pretensioners).
- Disconnect the battery (see **Battery: Removal - Refitting**) (80A, Battery).
- Remove the headlining (see **Headlining: Removal - Refitting**) (71A, Body internal trim).

II - OPERATION FOR REMOVAL OF PART CONCERNED



121222

- Unroll the sun visors fully.

Note:

Do not remove the bolts (1) from the visor retaining yokes; the visors are connected to the middle cross member.

- Remove the roof middle cross member bolts (2) .
- Remove the stops (3) .
- Roll the sun visors.
- Remove the « sunroof sun visors - roof centre cross member » assembly.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Bring together the « sunroof sun visors - roof centre cross member » assembly.
- Engage the sun visors into the guide runners.
- Unroll the sun visors fully.
- Refit:
 - the stops (3) ,
 - the roof middle cross member bolts (2) .
- Torque tighten the **roof middle cross member bolts (4 N.m)**.

PANORAMIC SUNROOF

II - FINAL OPERATION

- Carry out a function test.
- Refit the headlining (see **Headlining: Removal - Refitting**) (71A, Body internal trim).
- Connect the battery (see **Battery: Removal - Refitting**) (80A, Battery).
- Unlock the airbag computer using the **Diagnostic tool** (see **Fault finding - Replacement of components**) (88C, Airbags and pretensioners).

Special tooling required

Car. 1818 Instrument panel protector

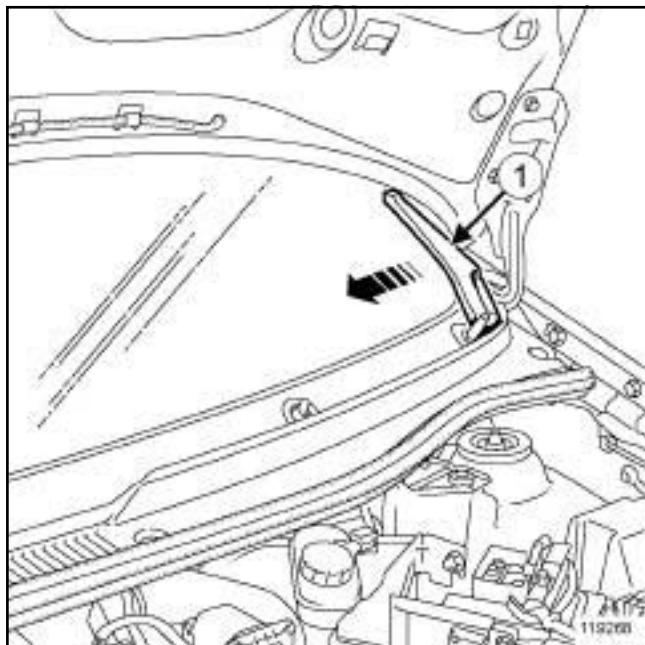
Note:

Leave the rain sensor in place on the old windscreen during the replacement operation (depending on the equipment level).

REMOVAL

I - REMOVAL PREPARATION OPERATION

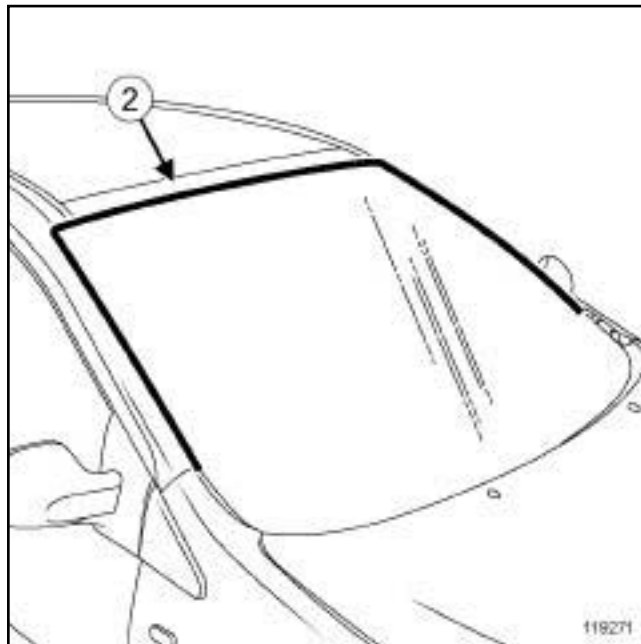
- Remove the windscreen wiper arms (see **Windscreen wiper arm: Removal - Refitting**) (MR 411, 85A, Washing - Wiping).



119268

- Remove the lower trim pieces (1) from the windscreen.
- Remove:
 - the scuttle panel grille (see **56A, Exterior equipment, Scuttle panel grille: Removal - Refitting**, page **56A-1**),
 - the interior rear-view mirror (see **57A, Interior equipment, Interior rear-view mirror: Removal - Refitting**, page **57A-14**),
 - the A-pillar trims (see **Windscreen pillar trim: Removal - Refitting**) (MR 412, 71A, Body internal trim).
- Disconnect the rain and light sensor (depending on the equipment level).

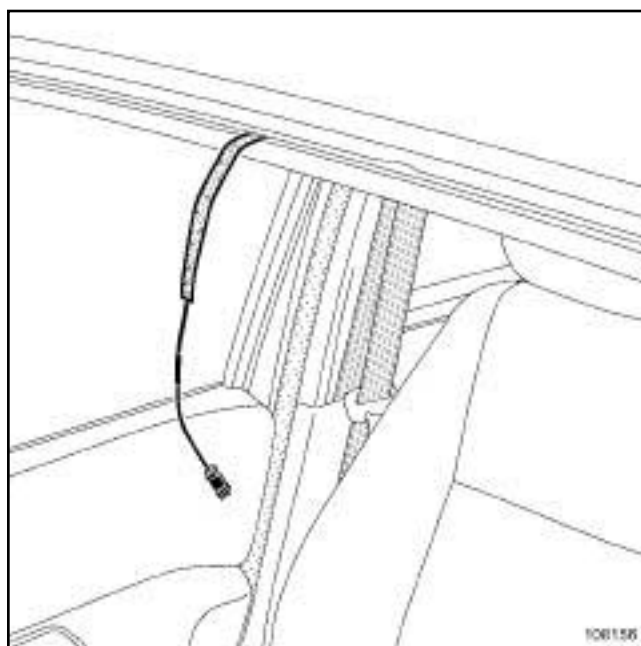
II - REMOVAL OPERATION FOR PART CONCERNED



119271

119271

- Remove the seal (2) from the windscreen.
- Protect the windscreen surround using masking tape.
- Position the dashboard protector (**Car. 1818**).



108156

108156

-

Note:

When cutting the cement bead, take care not to cut the wiring harness.

- Cut the cement bead.

Windscreen: Removal - Refitting

REFITTING

I - REFITTING PREPARATIONS OPERATION

- Position the retaining shims and stops.
- Position the seal **(2)** on the windscreen.
- For preparation and bonding (see **Technical Note 560A**).

II - REFITTING OPERATION FOR PART CONCERNED

- Bond the windscreen (this operation requires two people).
- Respect the following clearances and flush fitting:
 - « Windscreen - Roof » ,
 - « Windscreen - A-pillar » .
- Hold the windscreen in position with masking tape.

III - FINAL OPERATION.

- Replace the rain and light sensor adhesive base (depending on the equipment level) (see **Rain and light sensor: Removal - Refitting**) (MR 411, 85A, Wiping - Washing).
- Connect the rain and light sensor (depending on the equipment level).
- Refit:
 - the A-pillar trims (see **Windscreen pillar trim: Removal - Refitting**) (MR 412, 71A, Body internal trim),
 - the interior rear-view mirror (see **57A, Interior equipment, Interior rear-view mirror: Removal - Refitting**, page 57A-14) ,
 - the scuttle panel grille (see **56A, Exterior equipment, Scuttle panel grille: Removal - Refitting**, page 56A-1) ,
 - the lower windscreen trims **(1)** ,
 - the windscreen wiper arms (see **Windscreen wiper arm: Removal - Refitting**) (MR 411, 85A, Wipers - Washers).

Front side door sliding window: Removal - Refitting

Note:

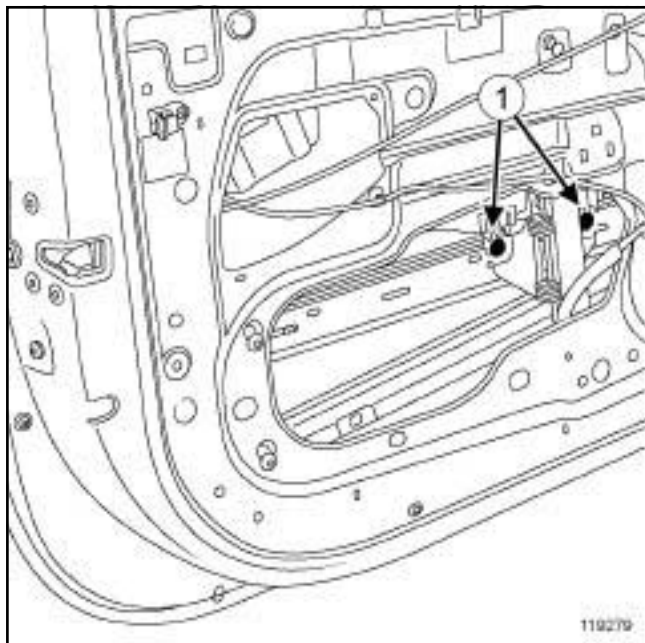
When removing the seal film, it must be replaced (see **Door sealing film: Removal - Refitting**).

REMOVAL

I - REMOVAL PREPARATION OPERATION

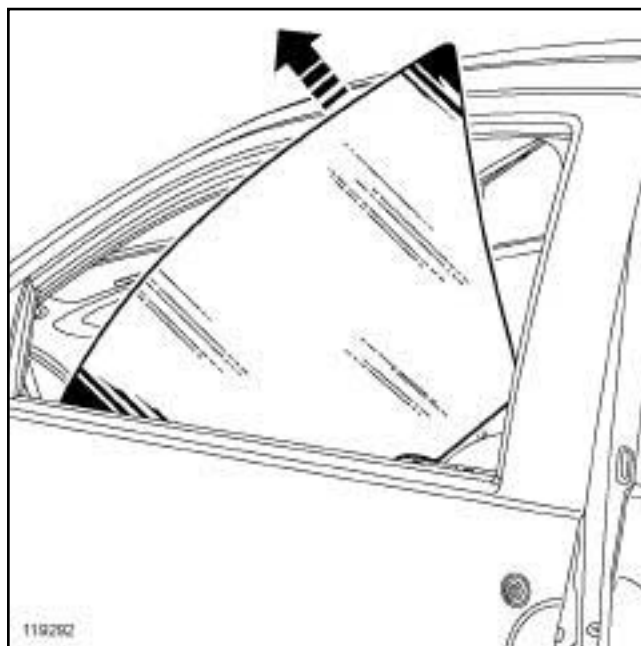
- Remove:
 - the front side door trim (see **Front side door trim: Removal - Refitting**) (MR 412, 72A, Side opening element trim),
 - the interior weatherstrip,
 - the door seal film (see **Door sealing film: Removal - Refitting**) (MR 312, 65A, Opening elements sealing).

II - OPERATION FOR REMOVAL OF PART CONCERNED



119279

- Lower the window in order to access the bolts (1) of the front side sliding door window.
- Remove the bolts (1) from the front side sliding door window.



119292

- Remove the front side sliding door window.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Refit:
 - the front side door sliding window ,
 - the bolts (1) to the front side sliding door window.
- Carry out a function test.

II - FINAL OPERATION.

- Replace the door sealing film (see **Door sealing film: Removal - Refitting**) (MR 312, 65A, Opening elements sealing).
- Refit:
 - the interior weatherstrip,
 - the door trim (see **Front side door trim: Removal - Refitting**) (MR 412, 72A, Side opening element trim).

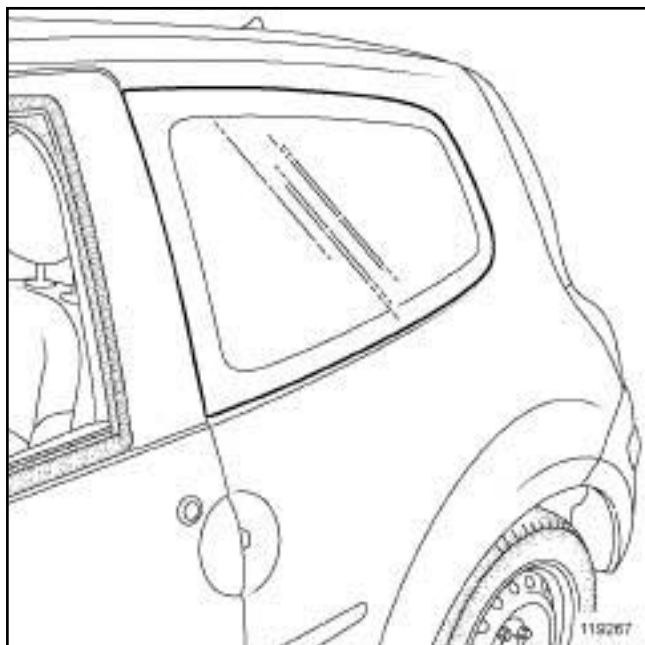
Rear quarter panel window: Removal - Refitting

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Remove:
 - the rear panel trim (see **Rear panel lining: Removal - Refitting**) (71A, Body internal trim),
 - the rear quarter panel trim (see **Quarter panel trim: Removal - Refitting**) (71A, Body internal trim).
 - the B-pillar upper trim (see **B-pillar upper trim: Removal - Refitting**) (71A, Body internal trim).
- Protect the edges of the quarter panel window using masking tape.

II - OPERATION FOR REMOVAL OF PART CONCERNED



119267

- Begin cutting the cement bead.

REFITTING

I - REFITTING PREPARATION OPERATION

- Always replace the stops and shims.
- For preparation and bonding (see **Technical Note 560A**).

II - REFITTING OPERATION FOR PART CONCERNED

- Bond the rear quarter panel window.

Note:

Leave a minimum clearance of **3.5 mm** between the rear quarter panel window and the upper section of the panelwork. This clearance is necessary for fitting the transverse bars.

- Equal out the clearances and shut lines.
- Remove the tabs from the stops when the adhesive has dried.

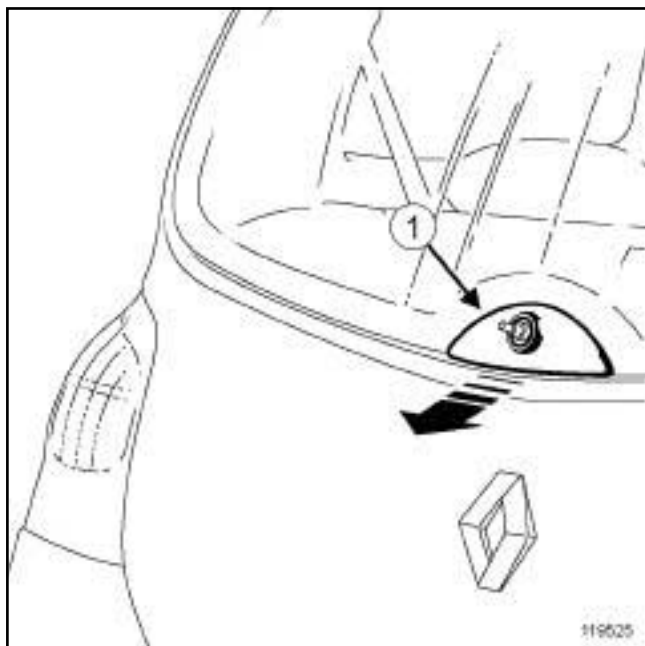
III - FINAL OPERATION.

- Refit:
 - the B-pillar upper trim (see **B-pillar upper trim: Removal - Refitting**) (71A, Body internal trim),
 - the rear quarter panel trim (see **Quarter panel trim: Removal - Refitting**) (71A, Body internal trim).
 - the rear panel trim (see **Rear panel lining: Removal - Refitting**) (71A, Body internal trim).

REMOVAL

I - REMOVAL PREPARATION OPERATION

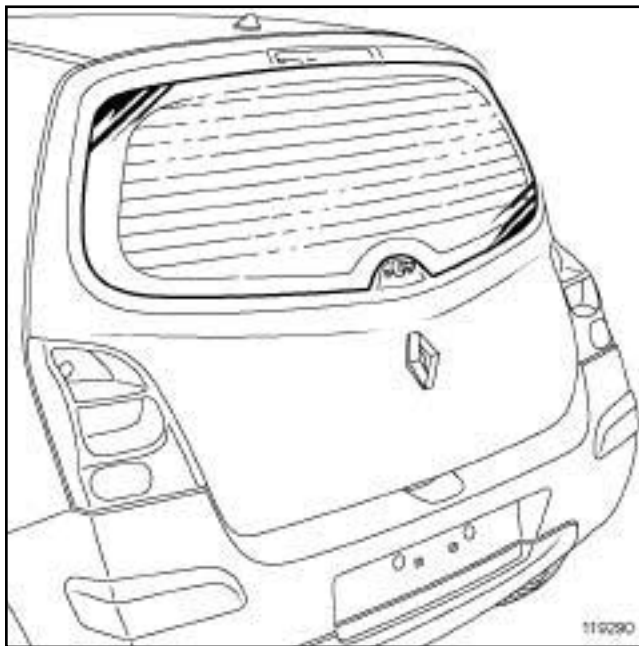
- Remove the rear screen wiper arm (see **Rear screen wiper arm: Removal - Refitting**) (MR 411, 85A, Wiping - Washing).



119525

- Unclip the exterior trim (1) from the rear screen.
- Remove the tailgate trim (see **Tailgate trim: Removal - Refitting**) (MR 412, 73A, Non-side opening element trim).
- Disconnect the rear screen de-icer connectors.

II - OPERATION FOR REMOVAL OF PART CONCERNED



119290

- Protect the edges of the rear screen using masking tape.
- Begin cutting the cement bead.

REFITTING

I - REFITTING PREPARATIONS OPERATION

- Always replace the stops and shims.
- For preparation and bonding of the rear screen window, see **Technical Note 560A, General window and sunroof bonding procedure**.

II - REFITTING OPERATION FOR PART CONCERNED

- Bond the rear screen (two people are required for this operation).
- Equal out the clearances and shut lines.
- Remove the tabs from the stops when the adhesive has dried.

III - FINAL OPERATION.

- Connect the rear screen de-icer connectors.
- Refit the tailgate trim (see **Tailgate trim: Removal - Refitting**) (MR 412, 73A, Non-side opening element trim).
- Clip on the rear screen exterior trim (1).

Rear screen: Removal - Refitting

- Refit the rear screen wiper arm (see **Rear screen wiper arm: Removal - Refitting**) (MR 411, Mechanical 85A, Wiping - Washing).

Equipment required

Diagnostic tool

IMPORTANT

To avoid any risk of triggering when working on or near a pyrotechnic component (airbags or pretensioners), lock the airbag computer using the diagnostic tool.

When this function is activated, all the trigger lines are inhibited and the airbag warning light on the instrument panel lights up continuously (ignition on).

IMPORTANT

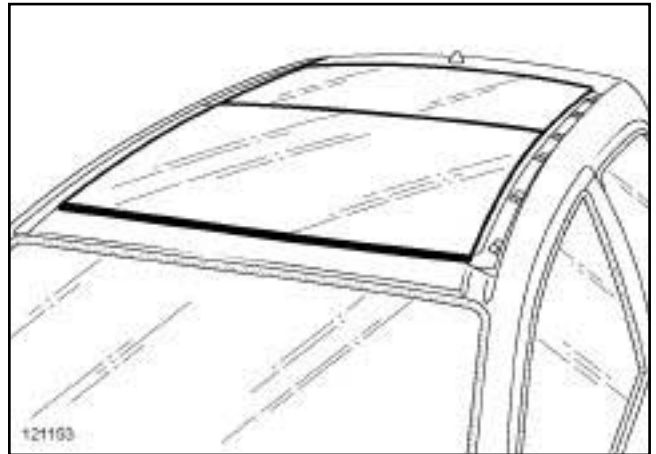
Never handle the pyrotechnic systems (pretensioners or airbags) near to a source of heat or naked flame - they may be triggered.

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Lock the airbag computer using the **Diagnostic tool** (see **Fault finding - Replacement of components**) (MR 413, 88C, Airbags and seat belt pretensioners).
- Disconnect the battery (see **Battery: Removal - Refitting**) (MR 411, 80A, Battery).
- Remove:
 - the headlining (see **Headlining: Removal - Refitting**) (MR 412, 71A, Body internal trim),
 - the roof protection strips (see **55A, Exterior protection, Roof protection strip: Removal - Refitting**, page **55A-17**).
- Protect:
 - the sunroof's fixed window surround and the rear section of the roof using masking tape,
 - the inside of the vehicle.

II - REMOVAL OPERATION FOR PART CONCERNED



121153

- Cut the cement bead; this operation requires two people.
- Remove the fixed window from the sunroof.

REFITTING

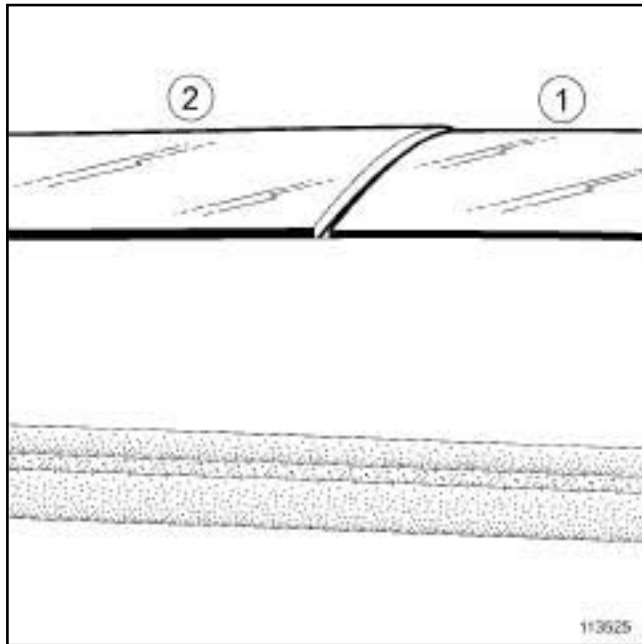
I - REFITTING PREPARATIONS OPERATION

- Position the new shims on the sunroof operating mechanism.
- For preparation and bonding (see **Technical Note 560A**).

II - REFITTING OPERATION FOR PART CONCERNED

- Bond the sunroof fixed window using the specific support (this operation requires two people):
 - Support: **PARV 202**,
 - set of arch supports: **APARV 200 ESP**.

Respect the clearances and shut lines



113525

- Observe the **6 mm** clearance between the sunroof fixed window (1) and the sunroof mobile panel (2) .
- The sunroof's fixed window (1) should be slightly lower than its mobile panel (2) .
- Arrange the lateral clearances so that they are equal.

III - FINAL OPERATION.

- Refit:
 - the headlining (see **Headlining: Removal - Refitting**) (MR 412, 71A, Body internal trim),
 - the roof protection strips (see **55A, Exterior protection, Roof protection strip: Removal - Refitting**, page 55A-17) .
- Connect the battery (see **Battery: Removal - Refitting**) (MR 411, 80A, Battery).
- Unlock the airbag computer using **Diagnostic tool** (see **Fault finding - Replacement of components**) (MR 413, 88C, Airbags and pretensioners).

EXTERIOR PROTECTION

Front bumper: Removal - Refitting

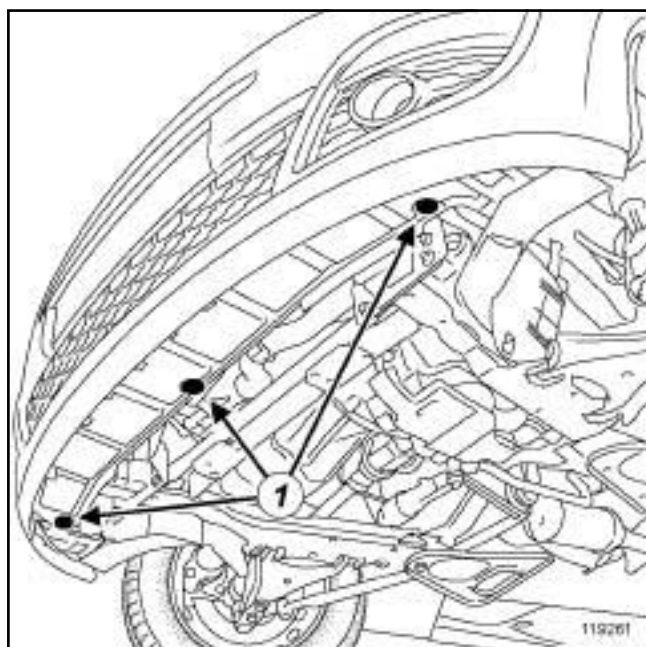
55A

REMOVAL

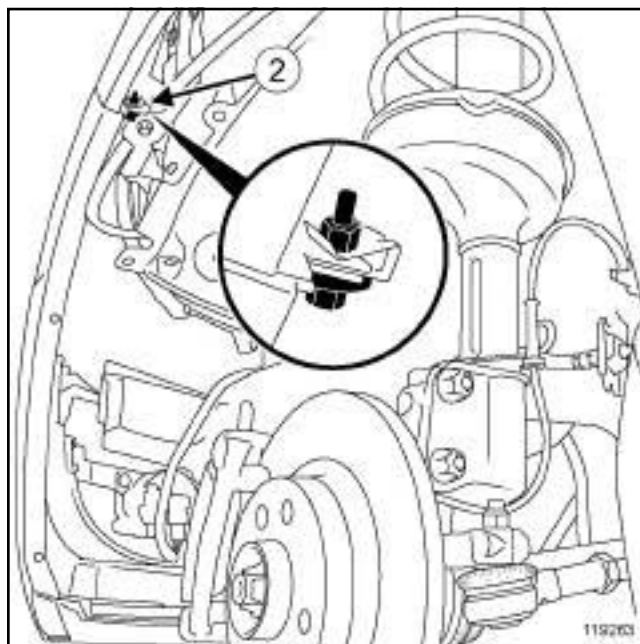
I - REMOVAL PREPARATION OPERATION

- Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (MR 412, 02A, Lifting equipment).
- Remove:
 - the front wheels (see **Wheel: Removal - Refitting**) (MR 411, 35A, Wheels and tyres),
 - the front wheel arch liners (see **55A, Exterior protection, Front wheel arch liner: Removal - Refitting**, page 55A-18) .

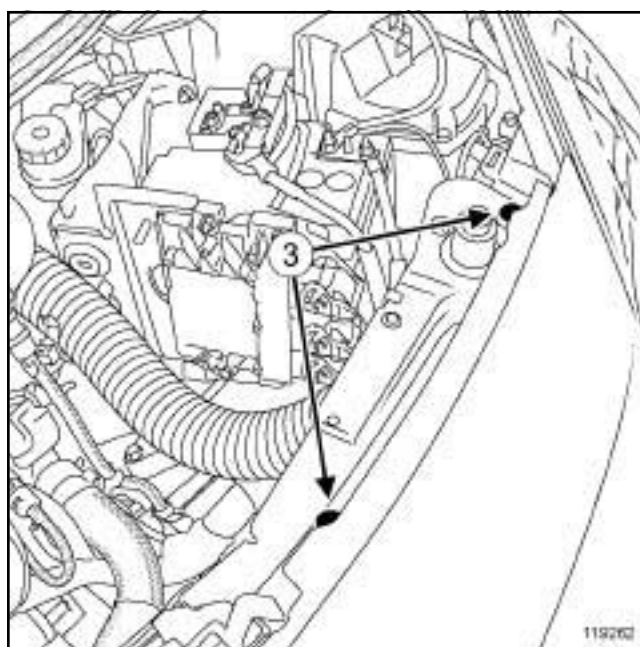
II - OPERATION FOR REMOVAL OF PART CONCERNED



- Remove the bolts (1) .



- Remove the bolts (2) .

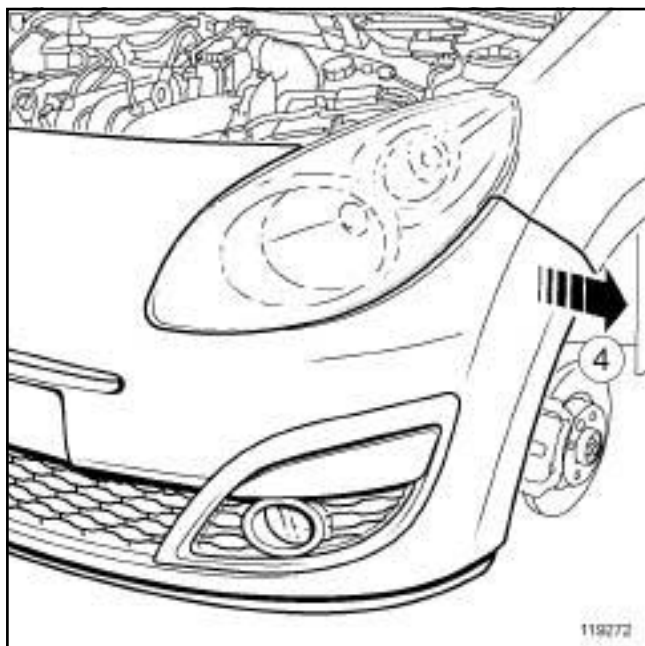


- Remove the bolts (3) .

EXTERIOR PROTECTION

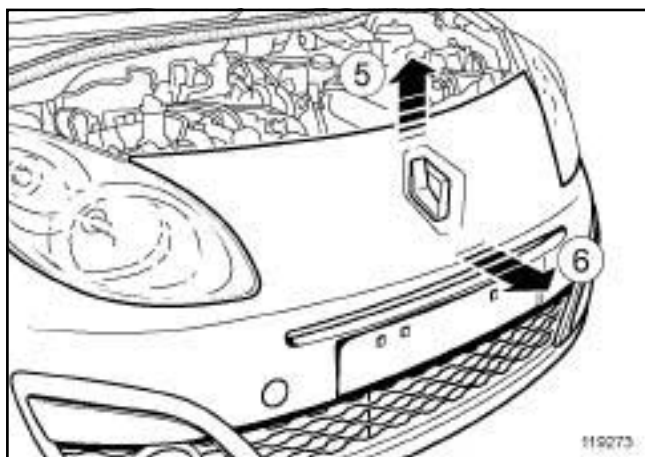
Front bumper: Removal - Refitting

55A



119272

- Unclip the side sections of the front bumper (4) .



119273

- Detach the top section of the front bumper (5) .
- Remove the front bumper (6) (this operation requires two people).
- Disconnect the front fog light connector (depending on the equipment level).

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Connect the front fog light connector (depending on the equipment level).
- Refit the front bumper (this operation requires two people).
- Clip on the side sections of the front bumper.

- Refit the bolts (2) , (3) and (1) .

II - FINAL OPERATION.

- Refit:
 - the front wheel arch liners (see 55A, Exterior protection, Front wheel arch liner: Removal - Refitting, page 55A-18) ,
 - the front wheels (see Wheel: Removal - Refitting) (MR 411, 35A, Wheels and tyres).

EXTERIOR PROTECTION

Front bumper: Stripping - Rebuilding

55A

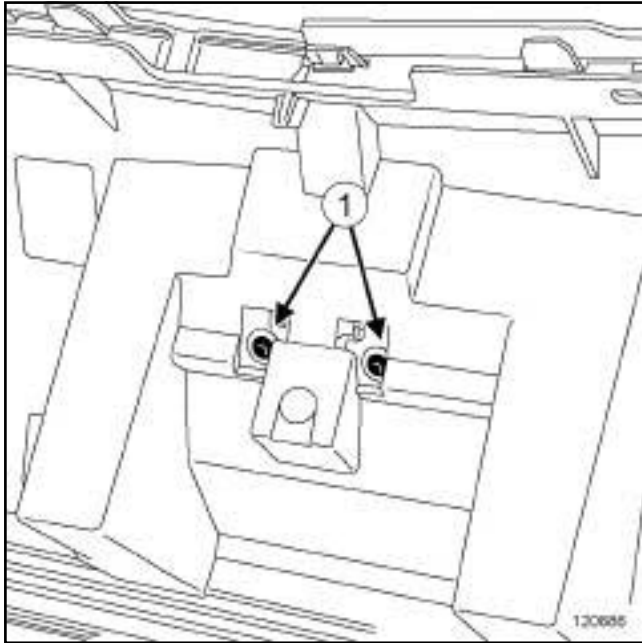
STRIPPING

I - STRIPPING PREPARATION OPERATION

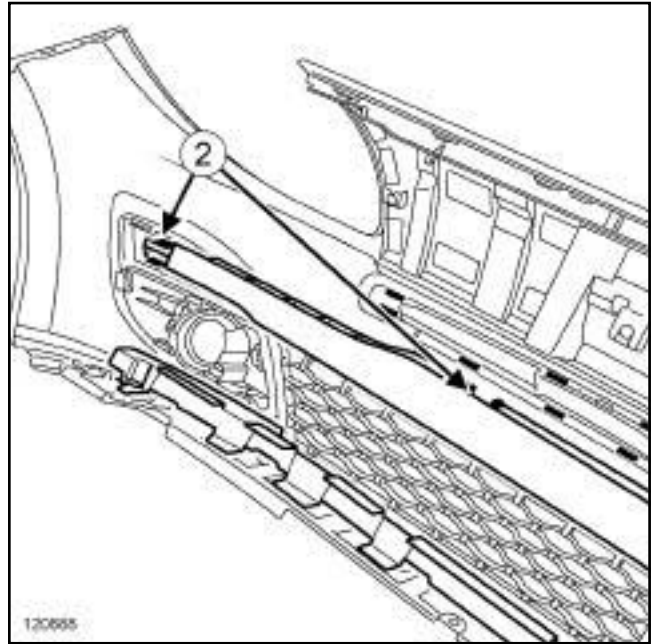
- ❑ Remove the front bumper (see **55A, Exterior protection, Front bumper: Removal - Refitting**, page 55A-1).

II - STRIPPING OPERATION FOR PART CONCERNED

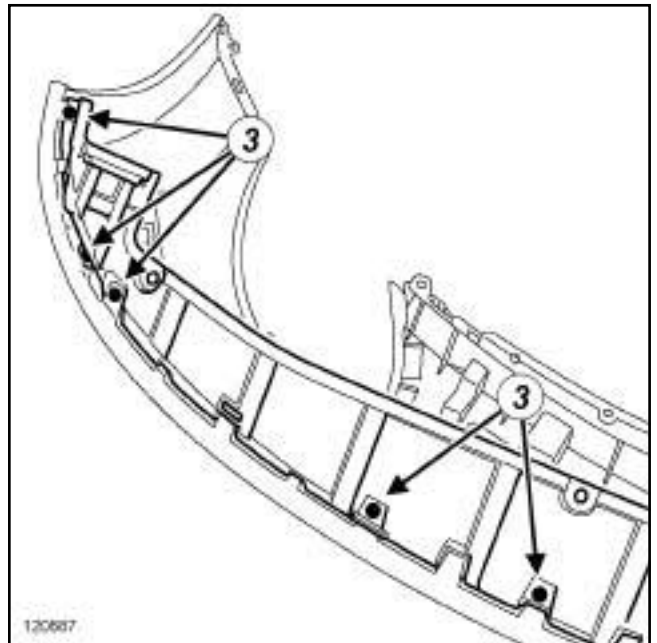
- ❑ Remove the front fog lights (depending on equipment level) (see **Front fog light: Removal - Refitting**) (MR 411, 80B, Headlights).
- ❑ Note the position of the electrical wiring (depending on equipment level).
- ❑ Remove the electrical wiring (depending on equipment level).



- ❑ Remove the bolts (1).
- ❑ Unclip the badge.



- ❑ Unclip the centre absorber (2).

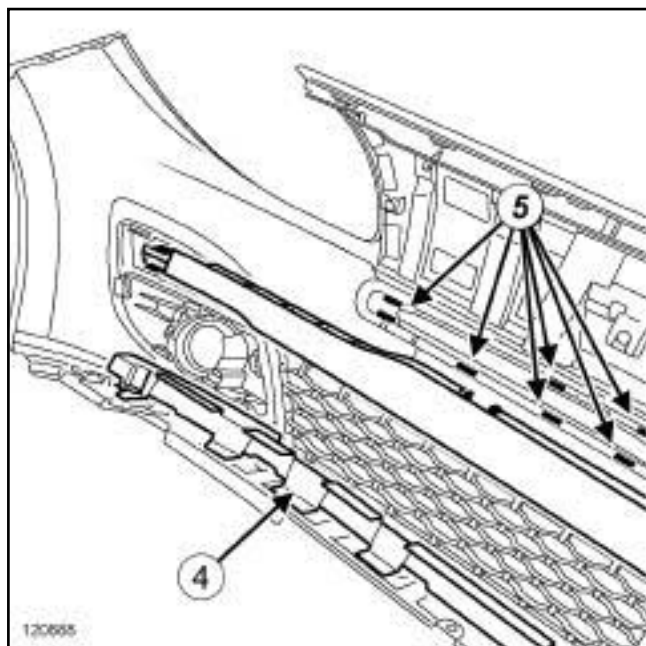


- ❑ Drill out rivets (3).
- ❑ Remove the lower cover.

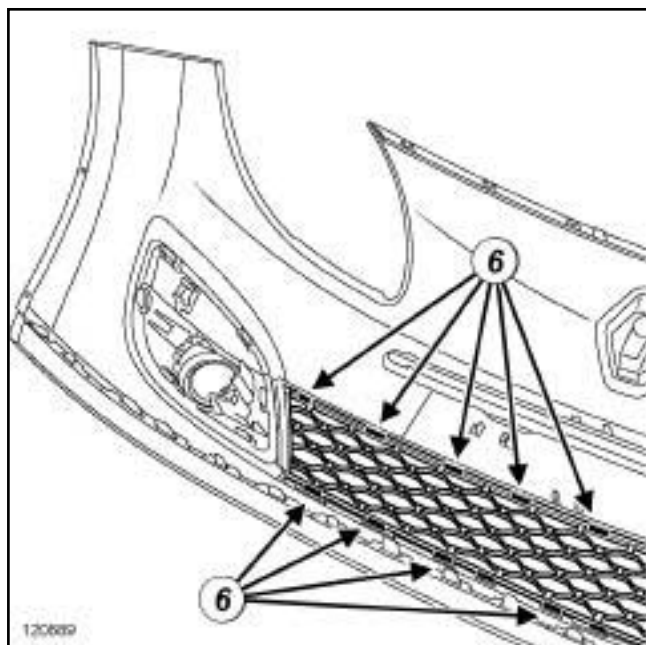
EXTERIOR PROTECTION

Front bumper: Stripping - Rebuilding

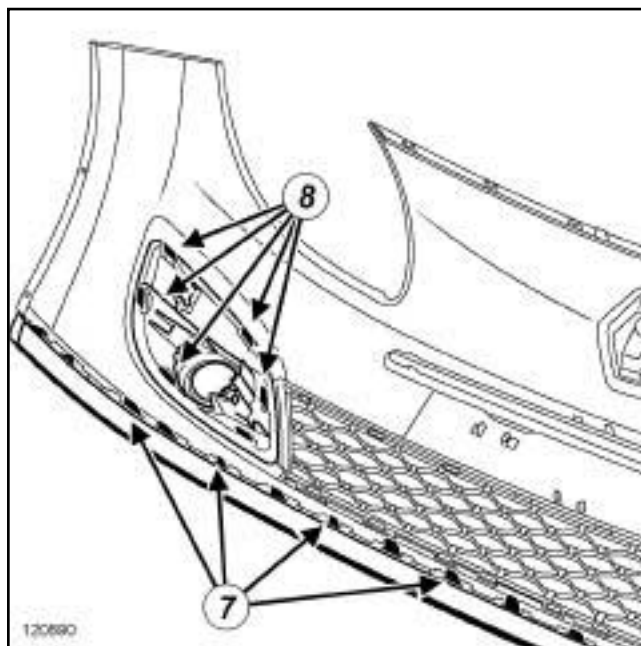
55A



- Unclip the lower absorber (4) .
- Remove the plastic welds (5) from the radiator grille.
- Remove the radiator grille.



- Remove the plastic welds (6) from the lower grille.
- Remove the lower grille.



- Remove the clips (7) .
- Unclip:
 - the lower trim strip,
 - the fog light supports (8) .

Note:

Removing the lower trim strip requires the lower trim and the lower absorber to be removed.

REBUILDING

I - REBUILDING OPERATION FOR PART CONCERNED

- Clip on the fog light supports (8) .
- Position the lower trim strip.
- Drill a hole at the position of each of the clips (7) using a $\varnothing 4.5$ mm drill bit.
- Rivet the lower trim.
- Position:
 - the lower grille,
 - the radiator grille.
- Clip the lower grille and the radiator grille onto the tabs provided using the clips (part no.: **77 03 076 037**).
- Clip on the lower absorber (4) .
- Position the lower cover.

EXTERIOR PROTECTION

Front bumper: Stripping - Rebuilding

55A

- Insert rivets into the lower cover at **(3)** .
- Clip on:
 - the central absorber **(2)** ,
 - the badge.
- Refit:
 - the bolts **(1)** ,
 - the electrical wiring (depending on equipment level),
 - the front fog lights (depending on the equipment level) (see **Front fog light: Removal - Refitting**) (MR 411, 80B, Headlights).

II - FINAL OPERATION.

- Refit the front bumper (see **55A, Exterior protection, Front bumper: Removal - Refitting**, page **55A-1**) .

EXTERIOR PROTECTION

Front bumper: Stripping - Rebuilding

55A

C44, and EQUIPMENT LEVEL SPORT

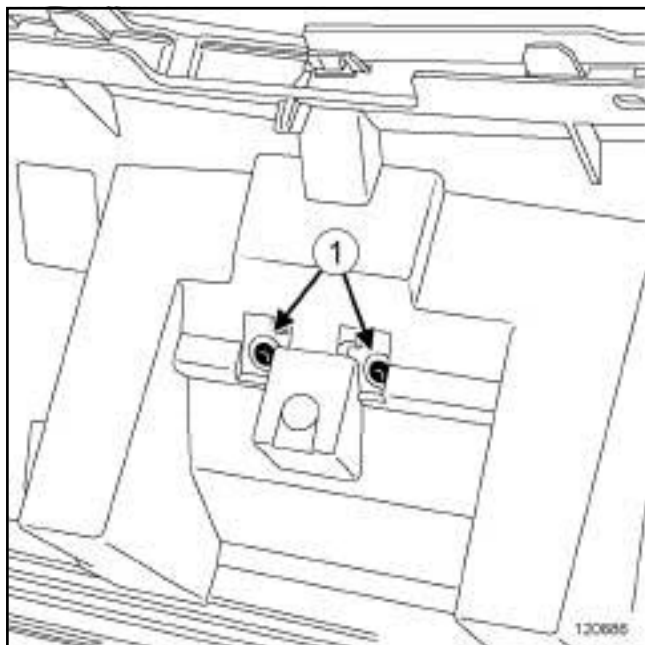
STRIPPING

I - STRIPPING PREPARATION OPERATION

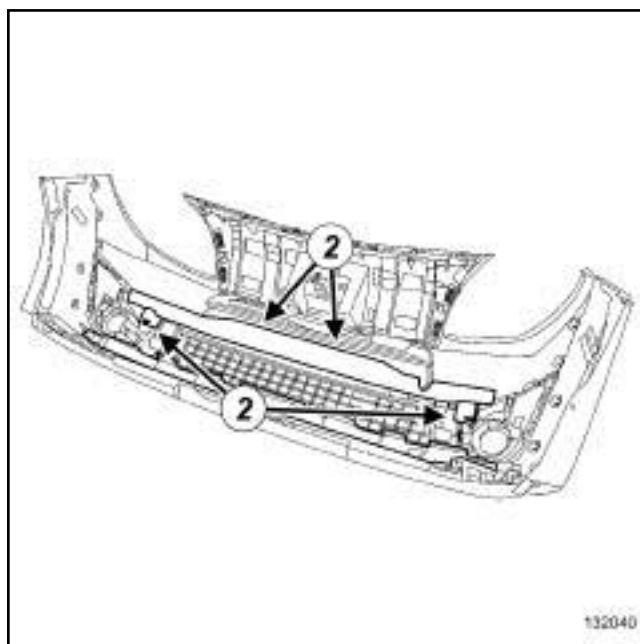
- Remove the front bumper (see **55A, Exterior protection, Front bumper: Removal - Refitting**, page 55A-1) .

II - STRIPPING OPERATION FOR PART CONCERNED

- Remove the front fog lights (see **Front fog light: Removal - Refitting**) (80B, Headlights).



- Remove the bolts (1) .
- Unclip the badge.



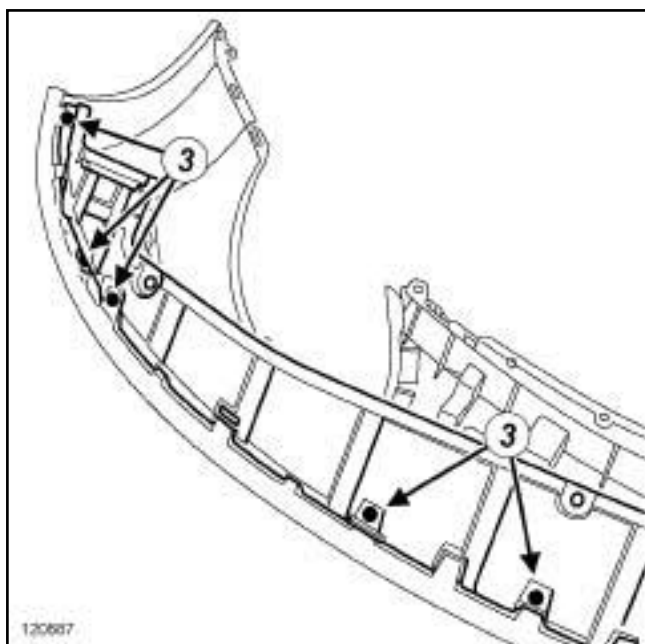
- Unclip the centre absorber (2) .

EXTERIOR PROTECTION

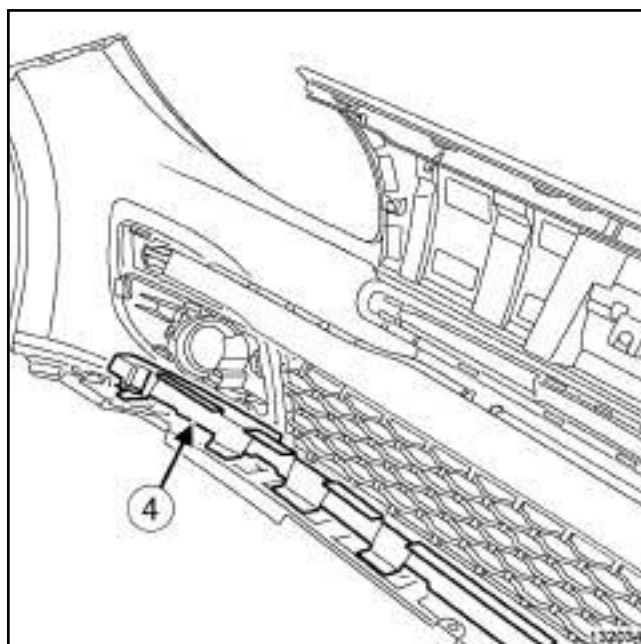
Front bumper: Stripping - Rebuilding

55A

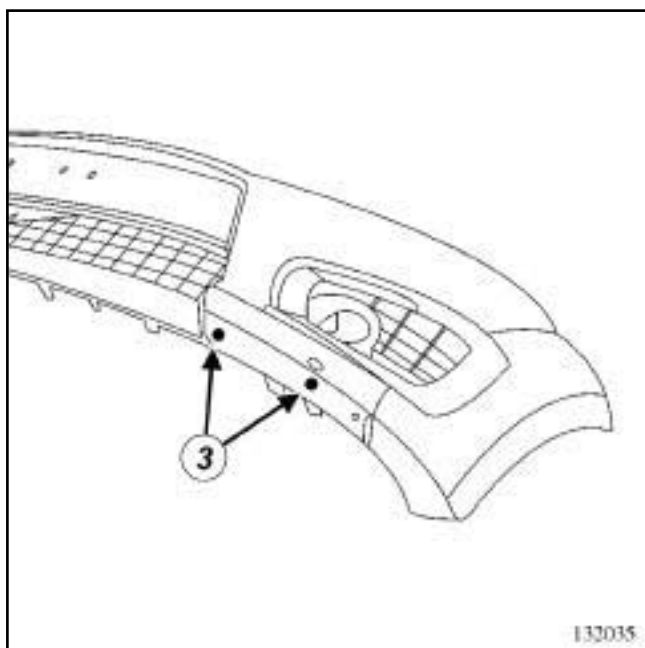
C44, and EQUIPMENT LEVEL SPORT



120887



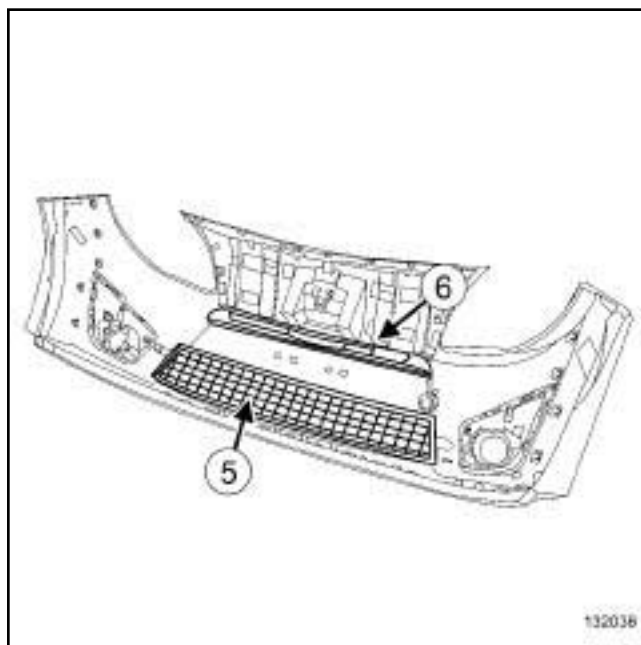
132034



132035

- Drill out the rivets (3) .

- Unclip the lower absorber (4) .
- Remove the diffuser.



132038

- Cut the plastic welds of the radiator grille (5) and of the lower grille (6) .
- Remove the radiator grille and the lower grille.

C44, and EQUIPMENT LEVEL SPORT



132039

- Cut the clips (7) .
- Unclip the aerodynamic component.



132036

- Detach the decorative strip (9) .

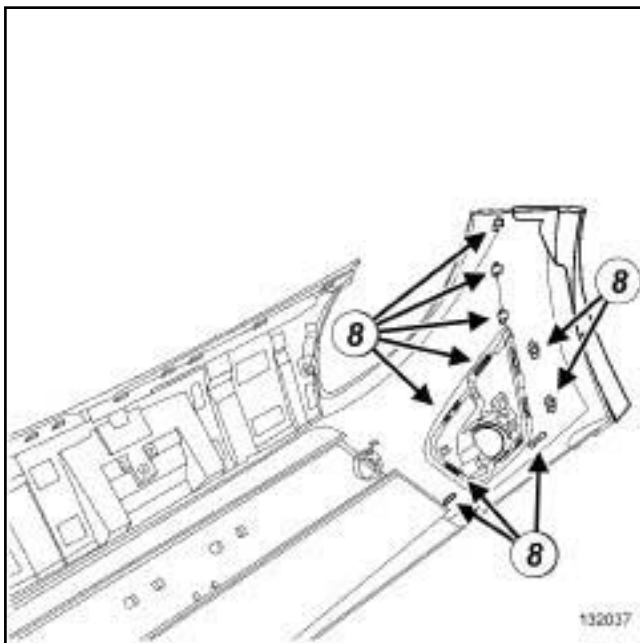
REBUILDING

I - REBUILDING PREPARATION OPERATION

- Clean the bonding areas using a **LINT-FREE CLOTH** soaked in **HEPTANE** (see **Vehicle: Parts and consumables for the repair**) (04B, Consumables - Products) by pressing firmly and moving slowly from back to front and in one direction only.
- Wipe the bonding areas with a clean, dry **LINT-FREE CLOTH** in one direction only.

Note:

Check for any stains on the clean and dry lint-free cloth. If any traces of stains are found, resume the cleaning procedure.



132037

- Unclip the « front side extender - front extender - fog light support » assembly (8) .

EXTERIOR PROTECTION

Front bumper: Stripping - Rebuilding

55A

C44, and EQUIPMENT LEVEL SPORT

II - REBUILDING OPERATION FOR PART CONCERNED

- Place the decorative strip to be bonded on the front bumper and centre it visually.
- Stick the decorative strip down taking care to keep it properly aligned.
- Clip:
 - the « front side extender - front extender - fog light support » assembly,
 - the aerodynamic component.
- Drill a hole at each clip position **(7)** using a \varnothing 4.5 mm drill bit.
- Rivet the aerodynamic component.
- Clip the lower grille and the radiator grille onto the tabs provided using the clips (part no.: **77 03 076 037**).
- Refit the diffuser.
- Clip on the lower absorber **(4)**.
- Refit new rivets.
- Clip:
 - the central absorber **(2)**,
 - the badge.
- Refit the front fog lights (see **Front fog light: Removal - Refitting**) (80B, Headlights).

III - FINAL OPERATION.

- Refit the front bumper (see **55A, Exterior protection, Front bumper: Removal - Refitting**, page **55A-1**).

EXTERIOR PROTECTION

Rear bumper: Removal - Refitting

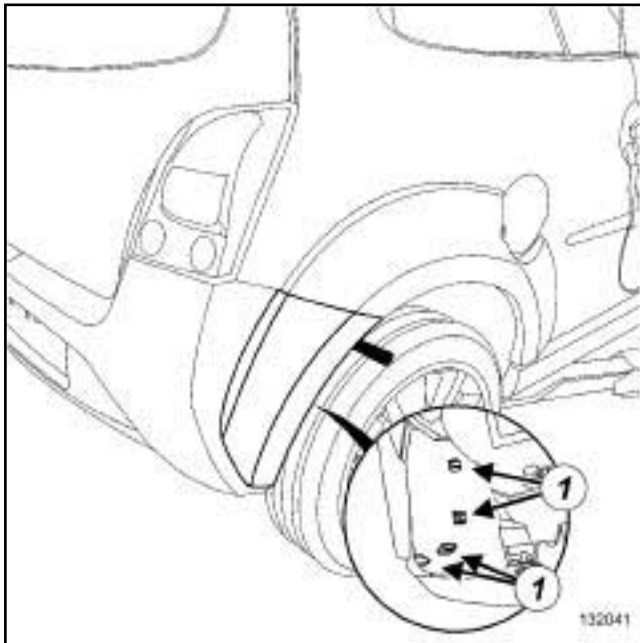
55A

REMOVAL

I - REMOVAL PREPARATION OPERATION

- ❑ Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (02A, Lifting equipment).
- ❑ Remove the rear lights (see **Rear wing light: Removal - Refitting**) (81A, Rear lighting).

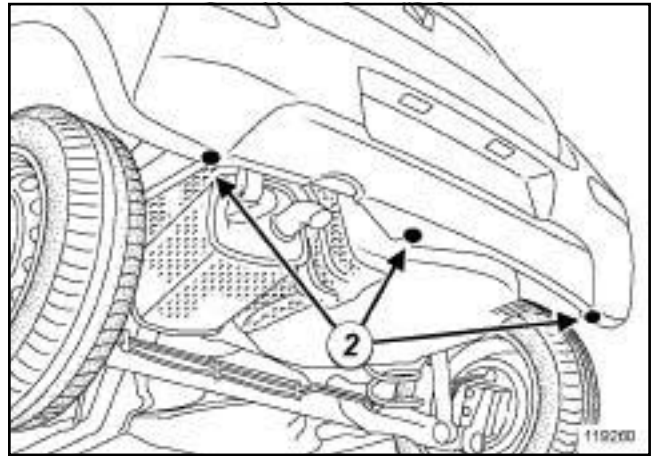
EQUIPMENT LEVEL SPORT



132041

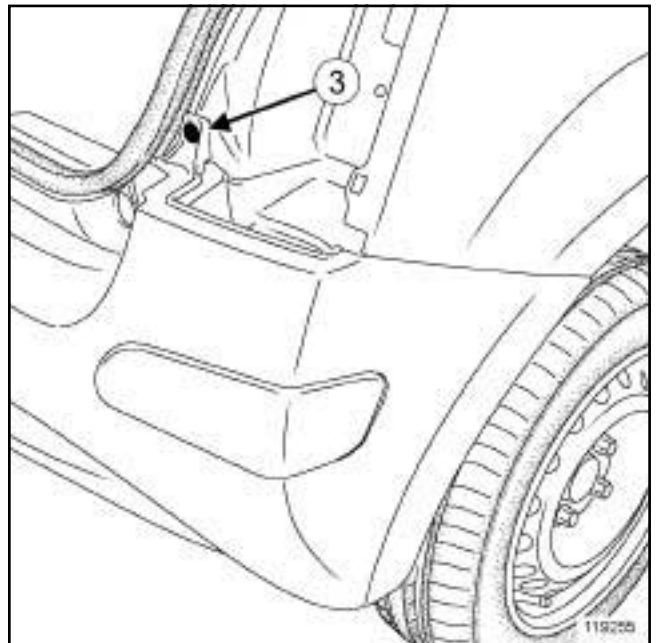
- ❑ Unclip the side extenders of the rear bumper (1) using a flat-blade screwdriver.

II - OPERATION FOR REMOVAL OF PART CONCERNED



119260

- ❑ Remove the bolts (2) .



119255

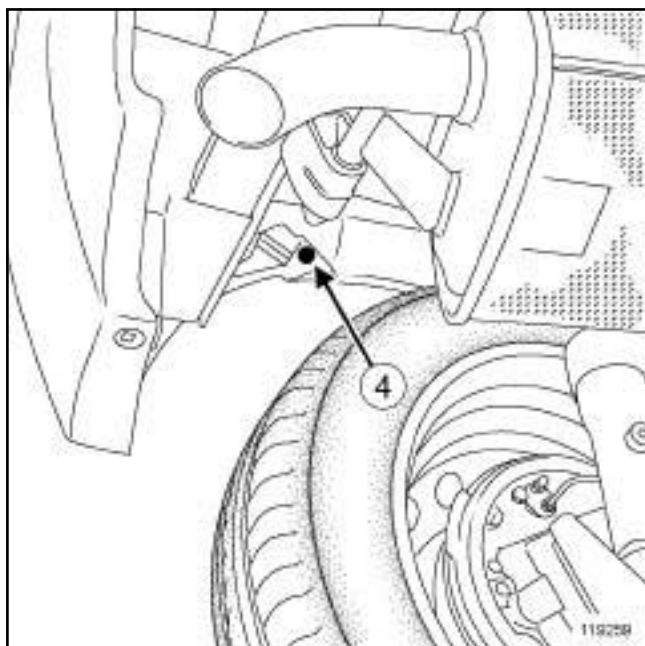
- ❑ Remove the bolts (3) .

EXTERIOR PROTECTION

Rear bumper: Removal - Refitting

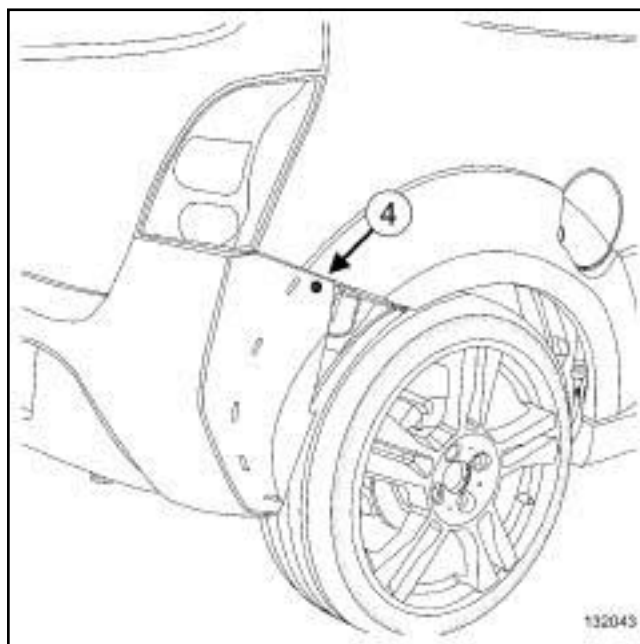
55A

EQUIPMENT LEVEL EA0 or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5 or EQUIPMENT LEVEL EAG or EQUIPMENT LEVEL EZ2 or EQUIPMENT LEVEL EZ4



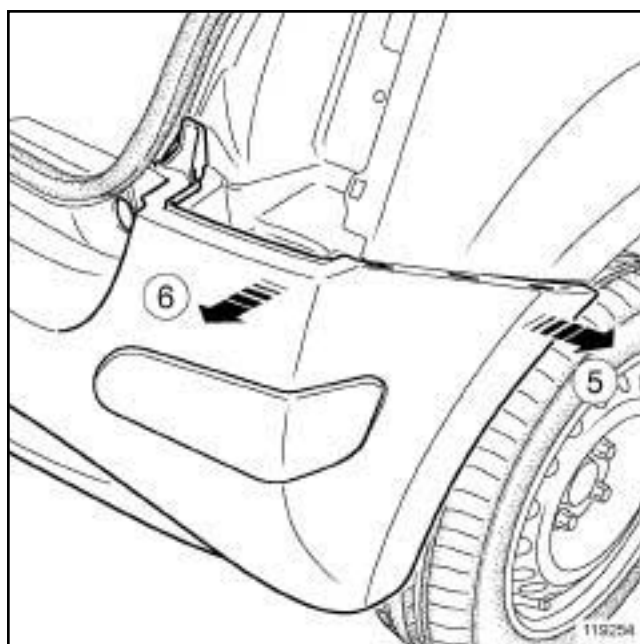
- ❑ Remove the bolts (4) .

EQUIPMENT LEVEL SPORT



132043

- ❑ Remove the bolts (6) .



119254

- ❑ Unclip the rear bumper at (5) .
- ❑ Remove the rear bumper at (6) (this operation requires two people).
- ❑ Disconnect the number plate light connector.

EXTERIOR PROTECTION

Rear bumper: Removal - Refitting

55A

REAR PROXIMITY RADAR

- Disconnect the proximity sensor connector.

REFITTING

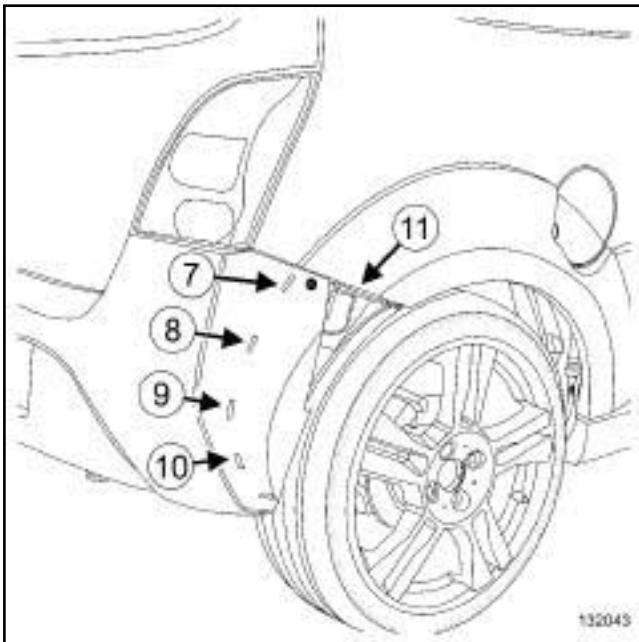
I - REFITTING OPERATION FOR PART CONCERNED

REAR PROXIMITY RADAR

- Connect the proximity sensor connector.
- Connect the number plate light connector.
- Refit the rear bumper (this operation requires two people).

II - FINAL OPERATION

EQUIPMENT LEVEL SPORT



132043

- Clip on the side extenders of the rear bumper in order (7) , (8) , (9) , (10) , (11) .
- Refit the rear lights (see **Rear wing light: Removal - Refitting**) (81A, Rear lighting).

- Carry out a function test on all functions.

EXTERIOR PROTECTION

Rear bumper: Stripping - Rebuilding

55A

STRIPPING

I - STRIPPING PREPARATION OPERATION

- Remove the rear bumper (see **55A, Exterior protection, Rear bumper: Removal - Refitting**, page **55A-10**).

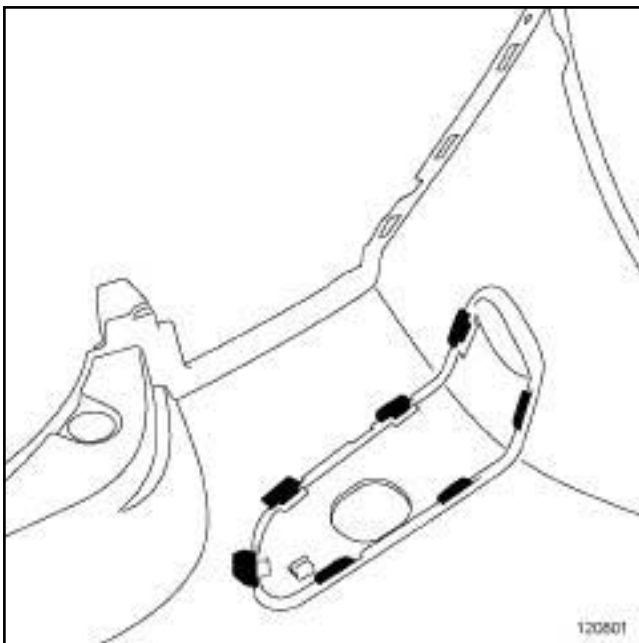
II - STRIPPING OPERATION FOR PART CONCERNED

REAR PROXIMITY RADAR

- Remove the proximity radars (see **Proximity radar: Removal - Refitting**) (87F, Parking distance control).

- Remove:
 - the number plate lights (see **Number plate light: Removal - Refitting**) (81A, Rear lighting),
 - the electrical wiring.

EQUIPMENT LEVEL EA0 or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5



- Unclip the outer impact strips.

REBUILDING

I - REBUILDING OPERATION FOR PART CONCERNED

EQUIPMENT LEVEL EA0 or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5

- Clip on the outer impact strips.

- Refit:
 - the electrical wiring,
 - the number plate lights (see **Number plate light: Removal - Refitting**) (81A, Rear lighting).

REAR PROXIMITY RADAR

- Refit the proximity radars (see **Proximity radar: Removal - Refitting**) (87F, Parking distance control).

II - FINAL OPERATION.

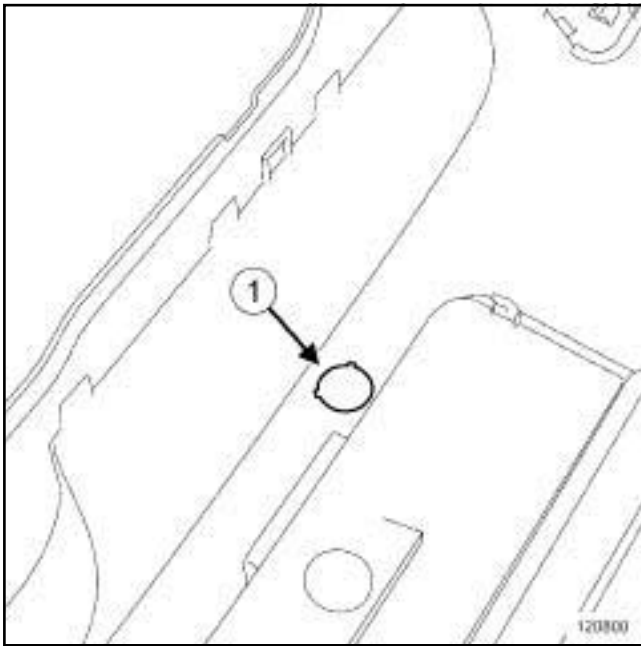
- Refit the rear bumper (see **55A, Exterior protection, Rear bumper: Removal - Refitting**, page **55A-10**).

ADAPTATION

□

Note:

When a rear bumper is replaced, the replacement part needs to be modified before it is painted so that the proximity sensors can be fitted.



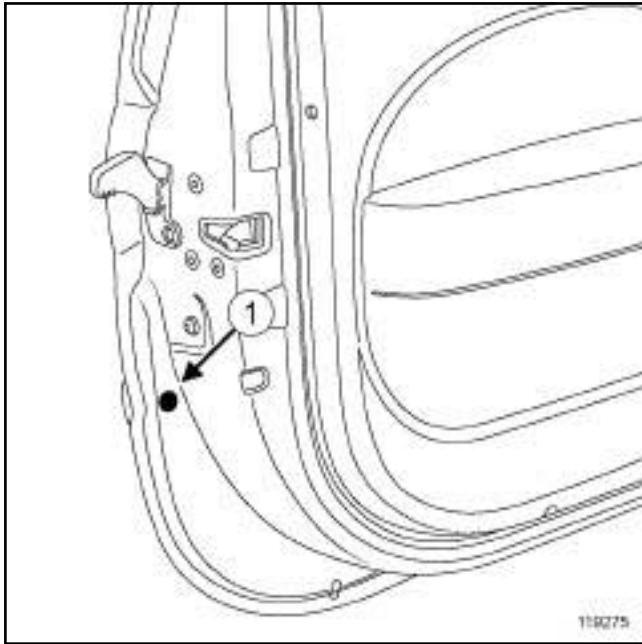
120800

- Drill the rear bumper around the marking (1) using an angular cutter or using the special tool (part no.: **77 11 419 232**).
- Finish off using a small file.

Front side door protective strip: Removal - Refitting

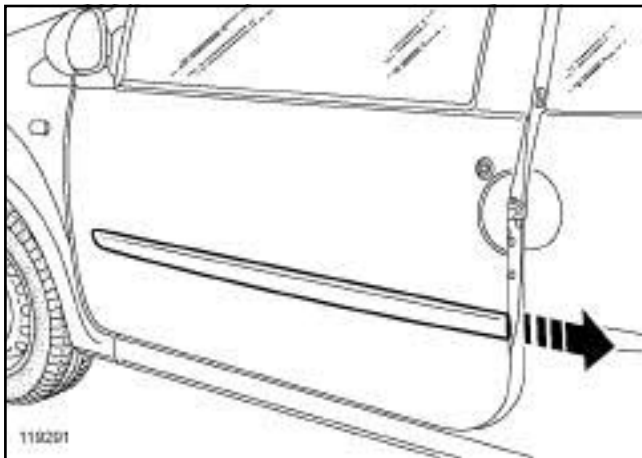
REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



119275

- Remove the bolt (1) .



119291

- Slide the door rubbing strip towards the rear of the vehicle.

REFITTING

REFITTING OPERATION FOR PART CONCERNED

- Slide the door moulding towards the front of the vehicle.
- Refit the bolt (1) .

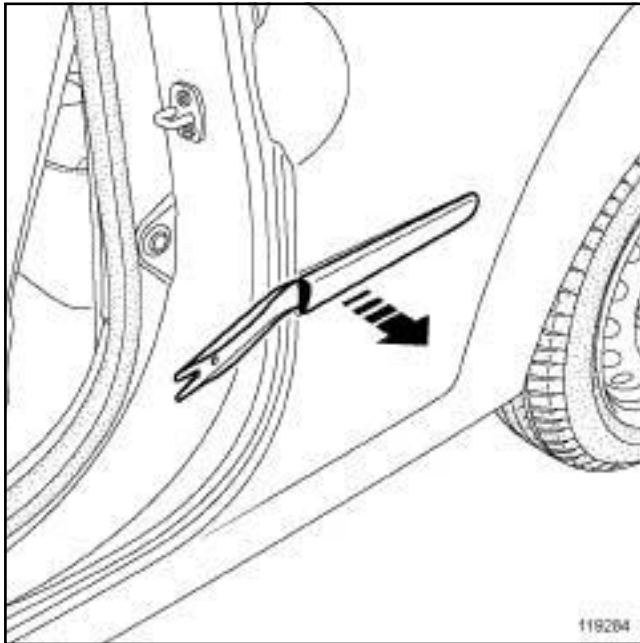
Special tooling required

Car. 1363

Set of trim removal levers.

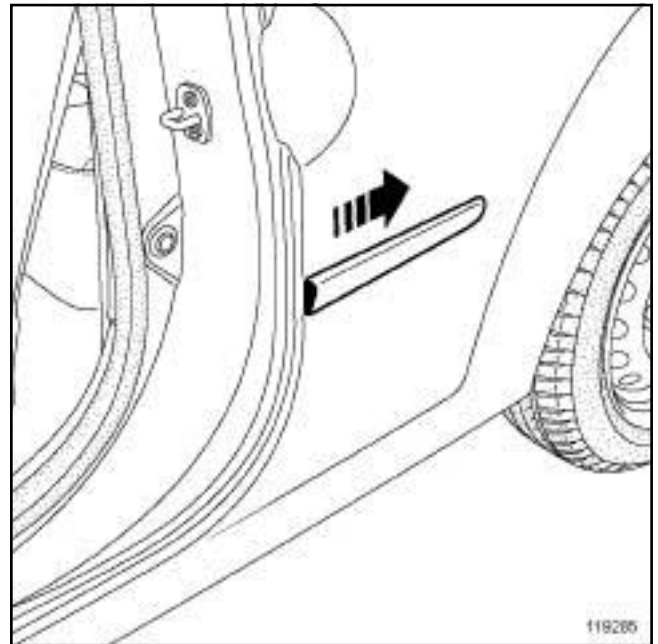
REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



119284

- Unclip the clip from the front section of the rear wing protective strip using the (Car. 1363).



119285

119285

- Protect the rear wing using masking tape.
- Slide the wing protective strip towards the rear of the vehicle.
- Remove the rear wing protective strip.

REFITTING

I - REFITTING PREPARATIONS OPERATION

- Replace the rear wing protective strip clip if necessary.

II - REFITTING OPERATION FOR PART CONCERNED

- Slide the wing protective strip towards the front of the vehicle.
- Clip the clip onto the front section of rear wing protective strip.

EXTERIOR PROTECTION

Roof protection strip: Removal - Refitting

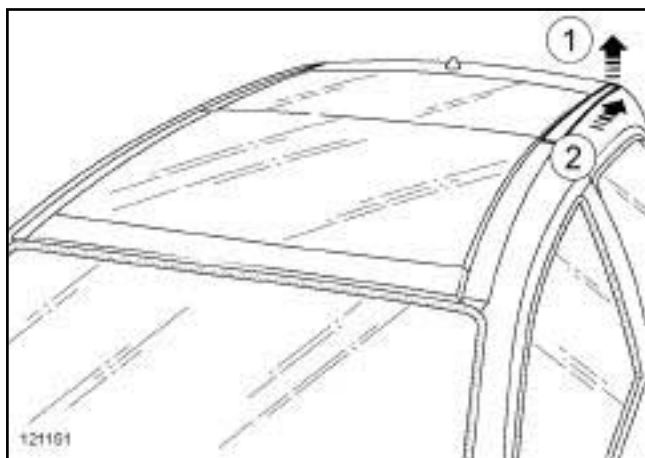
55A

REMOVAL

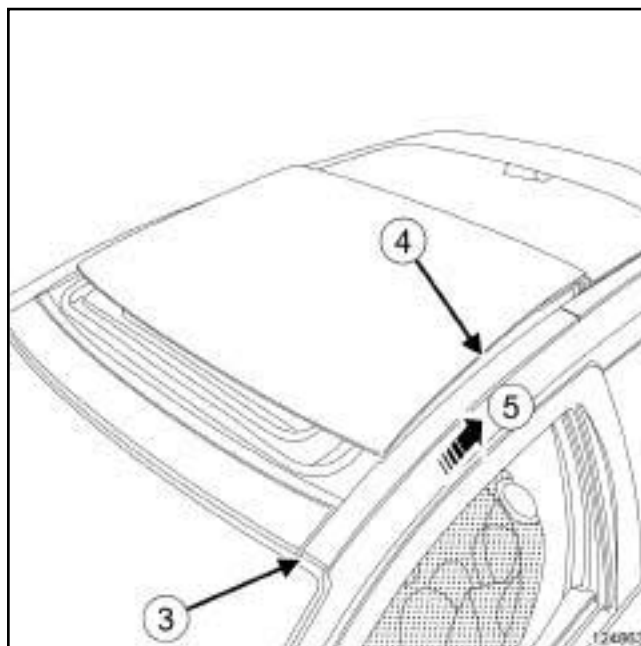
I - REMOVAL PREPARATION OPERATION

- Open the moving panel.

II - REMOVAL OPERATION FOR PART CONCERNED



- Unclip the rear protective strip from the roof (1) .
- Remove the rear protective strip from the roof in the direction (2) .



-

Note:

When removing the front protective strip from the roof, it is necessary on some vehicles to detach the end (3) of the front protective strip from the roof carefully, as it may be bonded with the windscreen.

- Remove:
 - the bolt (4) ,
 - the front protective strip from the roof in the direction shown (5) .

REFITTING

REFITTING OPERATION FOR PART CONCERNED

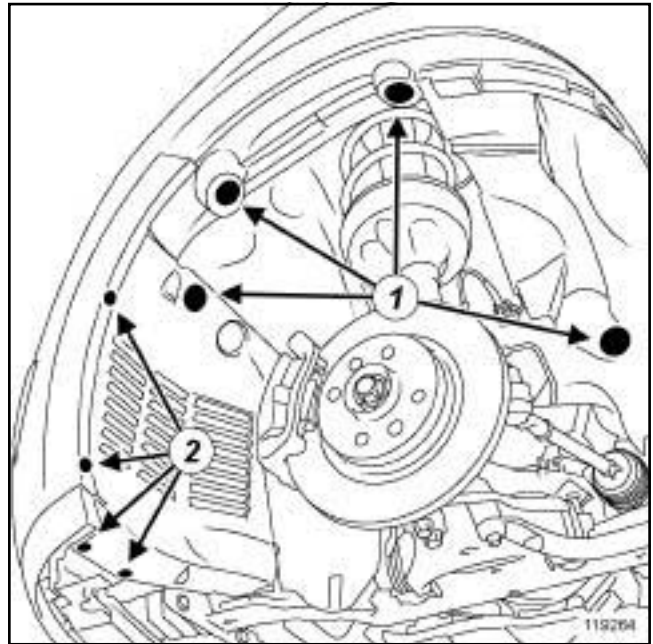
- Refit:
 - the front protective strip to the roof,
 - the bolt (4) ,
 - the rear protective strip to the roof.
- Clip on the rear roof protective strip (1) .

REMOVAL

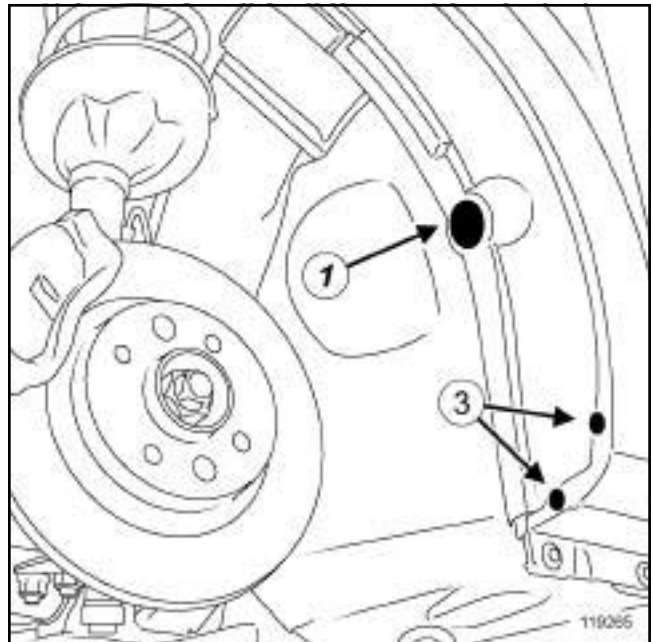
I - REMOVAL PREPARATION OPERATION

- Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (MR 411, 02A, Lifting equipment).
- Remove the front wheels (see **Wheel: Removal - Refitting**) (MR 411, 35A, Wheels and tyres).

II - OPERATION FOR REMOVAL OF PART CONCERNED



119264



119265

- Remove clips (1) .
- Remove:
 - the bolts (2) and (3) ,
 - the front wheel arch liner starting at the front section.

EXTERIOR PROTECTION

Front wheel arch liner: Removal - Refitting

55A

REFITTING

I - REFITTING PREPARATIONS OPERATION

- Check the condition of the clips and replace them if necessary.

II - REFITTING OPERATION FOR PART CONCERNED

- Refit:
 - the front wheel arch liner starting at the rear section,
 - the clips **(1)**,
 - the bolts **(2)** and **(3)**.

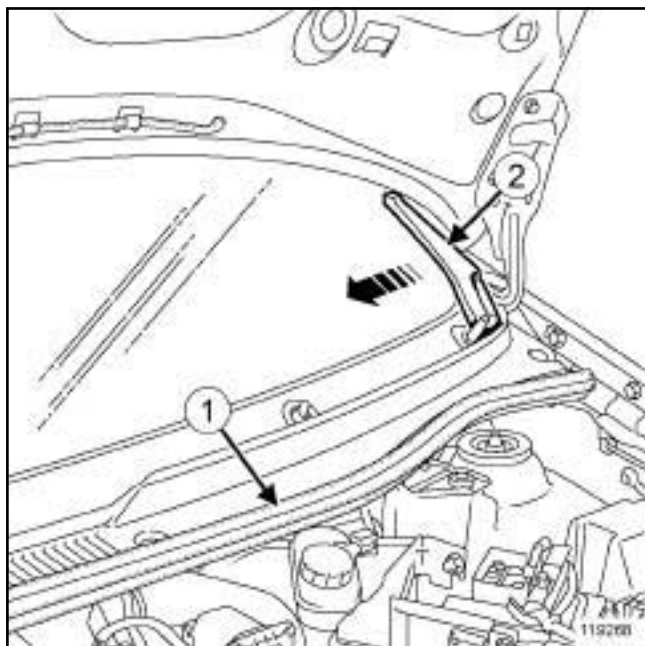
III - FINAL OPERATION.

- Refit the front wheels (see **Wheel: Removal - Refitting**) (MR 411, 35A, Wheels and tyres).

REMOVAL

I - REMOVAL PREPARATION OPERATION

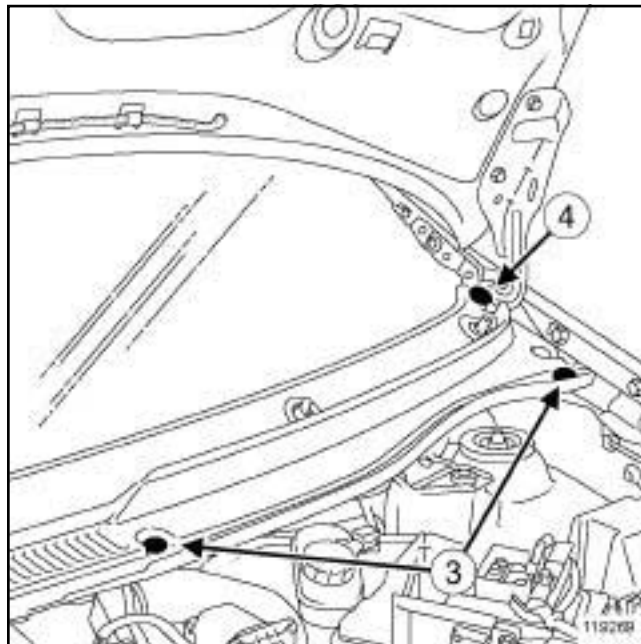
- Remove the wiper arms from the windscreen wiper (see **Windscreen wiper arm: Removal - Refitting**) (MR 411 Mechanical, 85A, Wiping - Washing).



119268

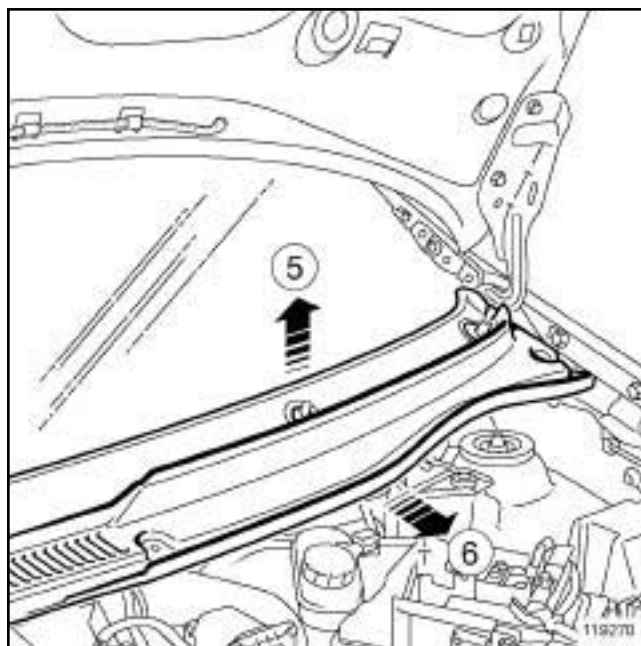
- Remove the seal (1) .
- Unclip the windscreen lower trims (2) .

II - REMOVAL OPERATION FOR PART CONCERNED



119269

- Remove:
 - the bolts (3) ,
 - the clips (4) .



119270

- Remove the scuttle panel grille (5) and (6) .

EXTERIOR EQUIPMENT

Scuttle panel grille: Removal - Refitting

56A

REFITTING

I - REFITTING PREPARATIONS OPERATION

- Always replace:
 - the clips under the scuttle panel grille,
 - the foam strips which ensure the scuttle panel grille sealing.

Note:

Check the condition and cleanliness of the windscreen and scuttle panel grille before refitting the scuttle panel grille.

II - REFITTING OPERATION FOR PART CONCERNED

- Refit:
 - the scuttle panel grille,
 - the clips **(4)** ,
 - the bolts **(3)**

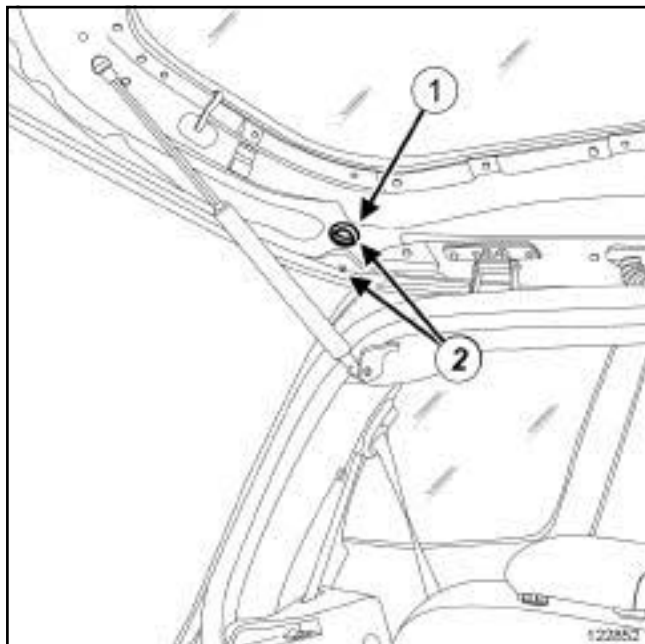
III - FINAL OPERATION.

- Clip on the windscreen lower trims **(2)** .
- Refit:
 - the seal **(1)** ,
 - the windscreen wiper arms (see **Windscreen wiper arm: Removal - Refitting**) (MR 411 Mechanical, 85A, Wiping - Washing).

C44

REMOVAL

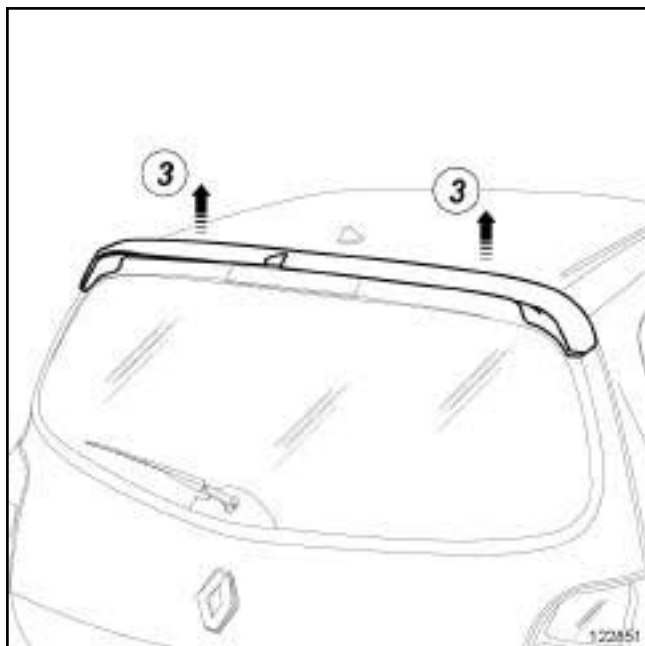
OPERATION FOR REMOVAL OF PART CONCERNED



122852

❑ Remove:

- the blanking covers (1) ,
- the bolts (2) .



122851

❑ Remove the tailgate spoiler (3) .

REFITTING

REFITTING OPERATION FOR PART CONCERNED

❑ Refit:

- the tailgate spoiler (3) ,
- the bolts (2) ,
- the blanking covers (1) .

EXTERIOR EQUIPMENT

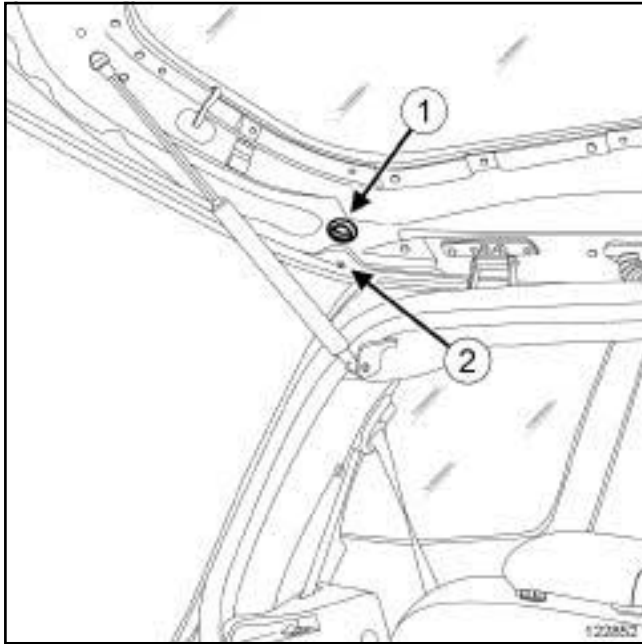
Tailgate spoiler: Removal - Refitting

56A

C44, and EQUIPMENT LEVEL SPORT

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



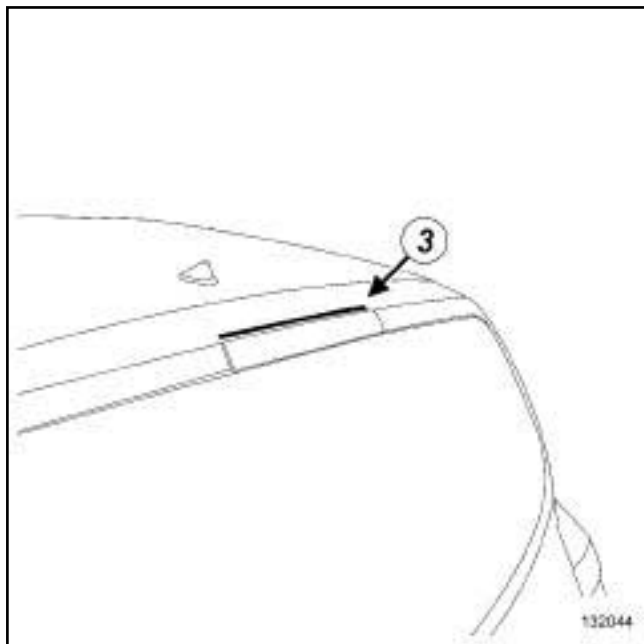
122852

- Remove:
 - the blanking covers (1) ,
 - the bolts (1) .
- Unclip the tailgate spoiler at (2) .
- Carefully detach the central section of the tailgate spoiler.
- Remove the tailgate spoiler.

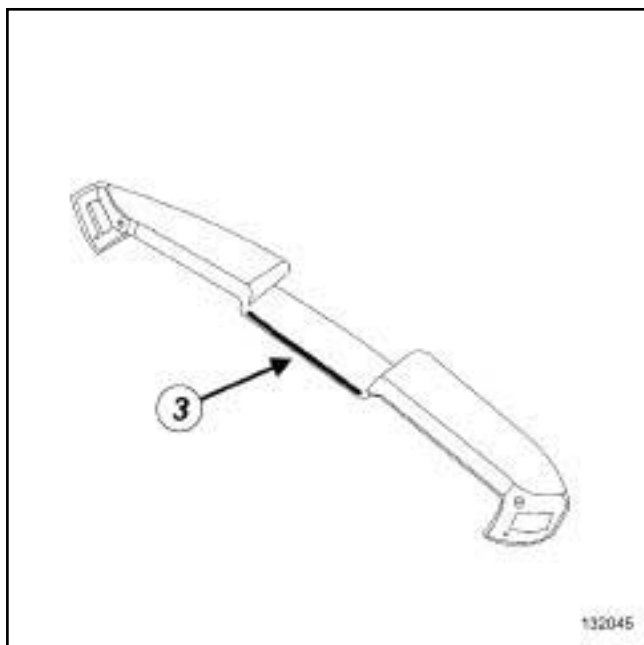
C44, and EQUIPMENT LEVEL SPORT

REFITTING

I - REFITTING PREPARATION OPERATION



132044



132045

- Remove any adhesive residue (3) with a rotary eraser (Part no.: 77 11 419 046 or 77 11 419 047).
- Clean the bonding areas using a **LINT-FREE CLOTH** soaked in **HEPTANE** (see **Vehicle: Parts and consumables for the repair**) (04B, Consumables - Products) by pressing firmly and moving slowly from back to front and in one direction only.
- Wipe the bonding areas with a clean, dry **LINT-FREE CLOTH** in one direction only.

Note:

Check for any stains on the clean and dry lint-free cloth. If any traces of stains are found, resume the cleaning procedure.

- Always replace the **DOUBLE-SIDED ADHESIVE TAPE** (see **Vehicle: Parts and consumables for the repair**) (04B, Consumables - Products).

II - REFITTING OPERATION FOR PART CONCERNED

- Clip the tailgate spoiler.
- Refit:
 - the bolts (1),
 - the blanking covers (1).
- Remove the protective backings from the double-sided adhesive tape.

Note:

To ensure good bonding of the double-sided adhesive tape, apply continuous pressure using the palm of the hand against a soft lint-free cloth.

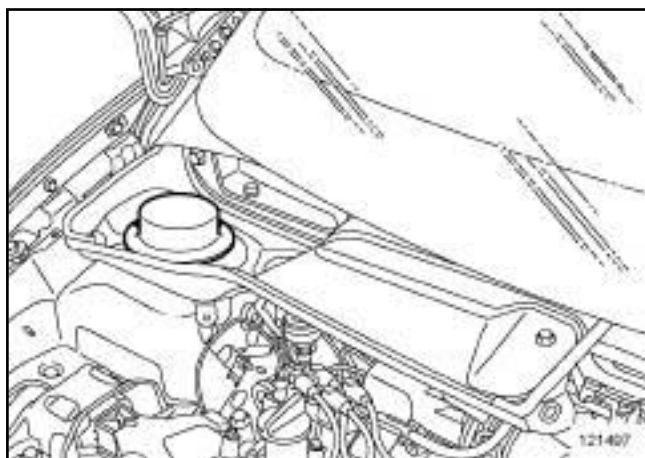
- Bond the central section of the tailgate spoiler.

REMOVAL

I - REMOVAL PREPARATION OPERATION

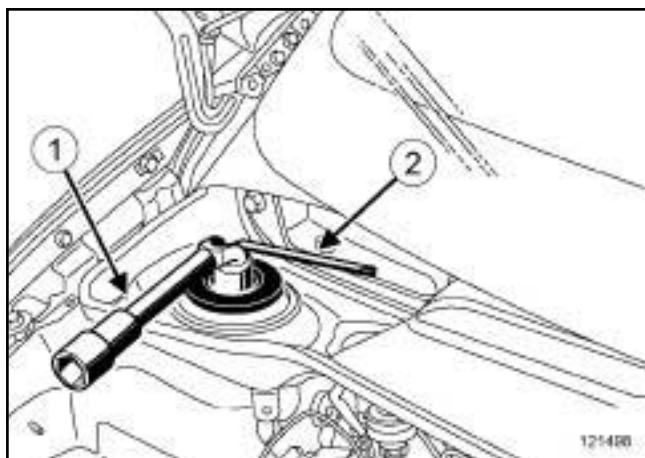
❑ Remove:

- the windscreen wiper arms (see **Windscreen wiper arm: Removal - Refitting**) (MR 411 Mechanical, 85A, Wiping - Washing),
- the scuttle panel grille (see **56A, Exterior equipment, Scuttle panel grille: Removal - Refitting, page 56A-1**).



121497

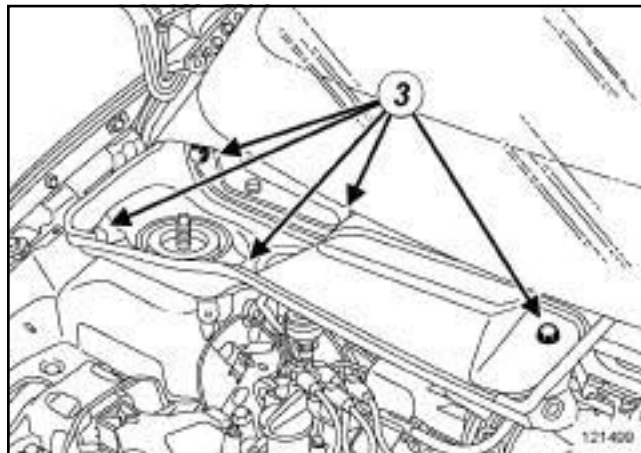
❑ Remove the cap on the shock absorber cup.



121498

❑ Remove the shock absorber cup using the (1), holding the shock absorber rod using the (2).

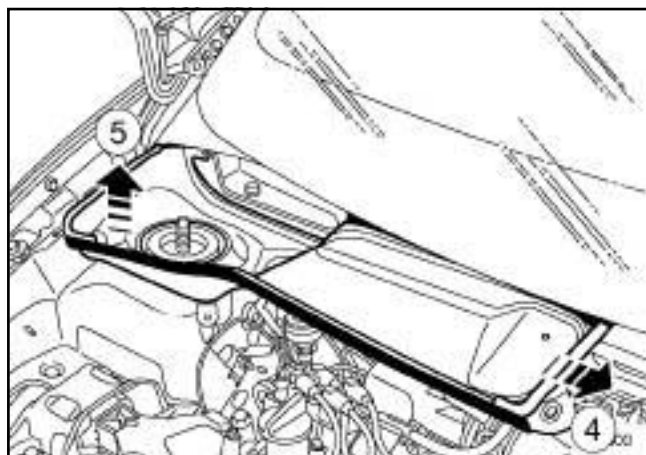
II - OPERATION FOR REMOVAL OF PART CONCERNED



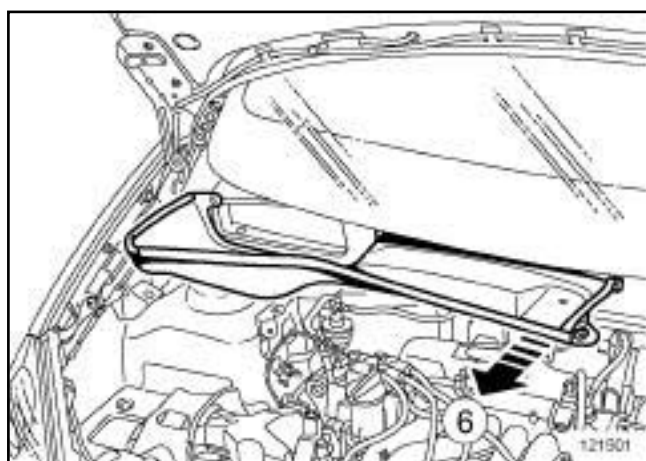
121499

❑ Remove the bolts (3).

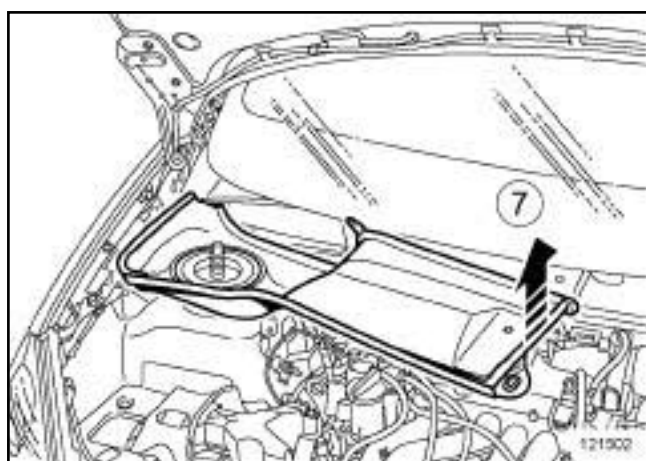
❑ Protect the lower section of the windscreen using masking tape.



121500



121501



121502

- ❑ Remove the scoop under the scuttle panel grille (4), (5), (6) and (7).

REFITTING

I - REFITTING PREPARATION OPERATION

❑

Note:

It is essential to replace the foam strips which seal the scoop under the scuttle panel grille. The foam strips are available from the **Parts Department**.

II - REFITTING OPERATION FOR PART CONCERNED

❑ Refit:

- the scuttle panel grille scoop,
- the bolts (3).

III - FINAL OPERATION.

❑ Refit the shock absorber cup using the (1), holding the shock absorber rod using the (2).

❑ Seal the cap on the shock absorber cup using mastic (part no.: 77 01 423 330).

❑ Refit:

- the cap on the shock absorber cup.
- the scuttle panel grille (see 56A, Exterior equipment, Scuttle panel grille: Removal - Refitting, page 56A-1),
- the windscreen wiper arms (see Windscreen wiper arm: Removal - Refitting) (MR 411 Mechanical, 85A, Wiping - Washing).

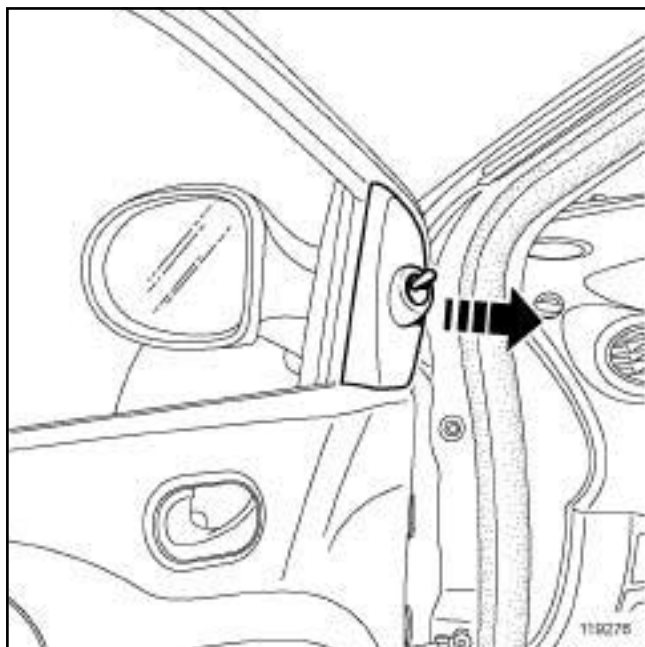
EXTERIOR EQUIPMENT

Door mirror: Removal - Refitting

56A

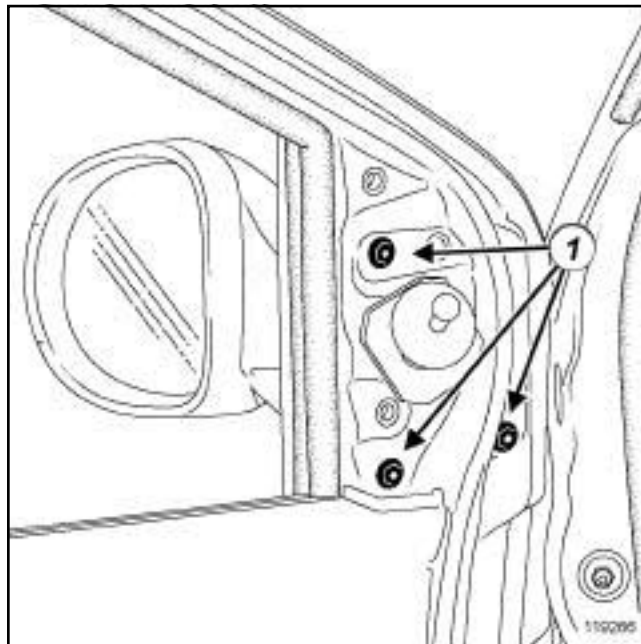
REMOVAL

I - REMOVAL PREPARATION OPERATION



- Unclip door mirror trim .

II - OPERATION FOR REMOVAL OF PART CONCERNED



- Remove:
 - the bolts (1) ,
 - the door mirror.
- Disconnect the supply connectors (depending on equipment level).

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Connect the supply connector (depending on equipment level).
- Refit:
 - the door mirror,
 - the bolts (1) .

II - FINAL OPERATION.

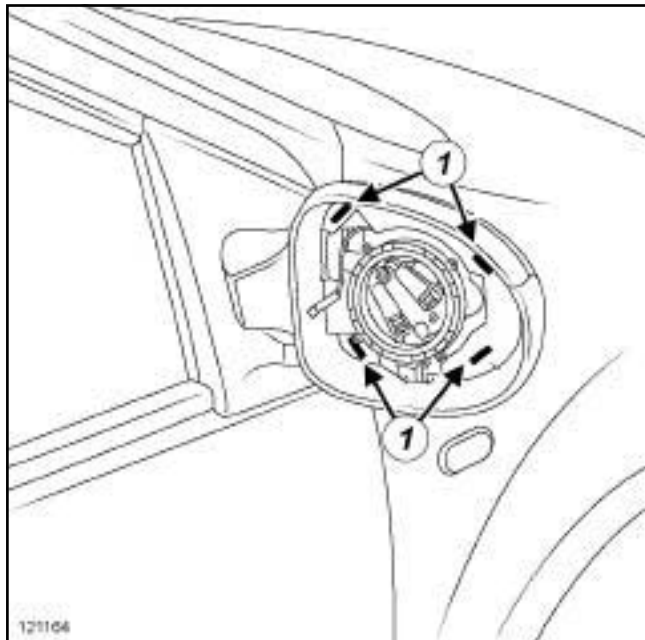
- Clip on the door mirror trim.

REMOVAL

I - REMOVAL PREPARATION OPERATION

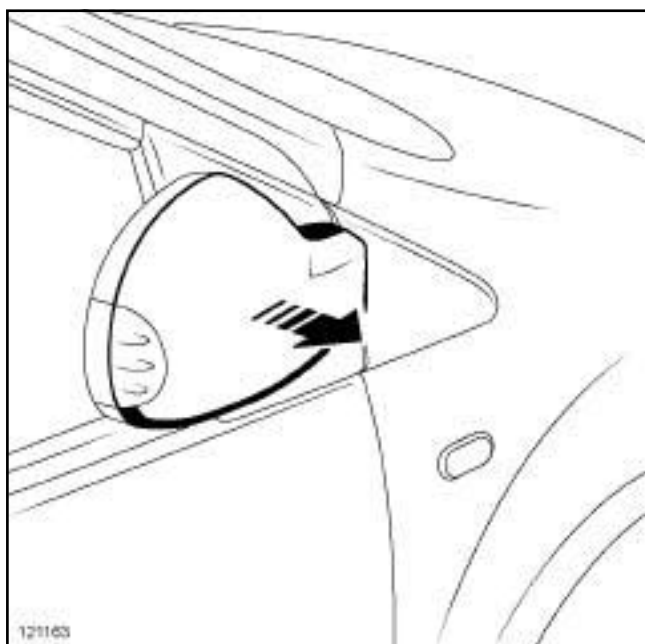
- Remove the door mirror glass (see **56A, Exterior equipment, Door mirror glass: Removal - Refitting**, page **56A-10**).

II - OPERATION FOR REMOVAL OF PART CONCERNED



121164

- Unclip the door mirror casing (1).
- Fold in the door mirror.



121163

- Remove the door mirror casing.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Clip the door mirror casing in position.

II - FINAL OPERATION.

- Refit the door mirror glass (see **56A, Exterior equipment, Door mirror glass: Removal - Refitting**, page **56A-10**).

EXTERIOR EQUIPMENT

Door mirror glass: Removal - Refitting

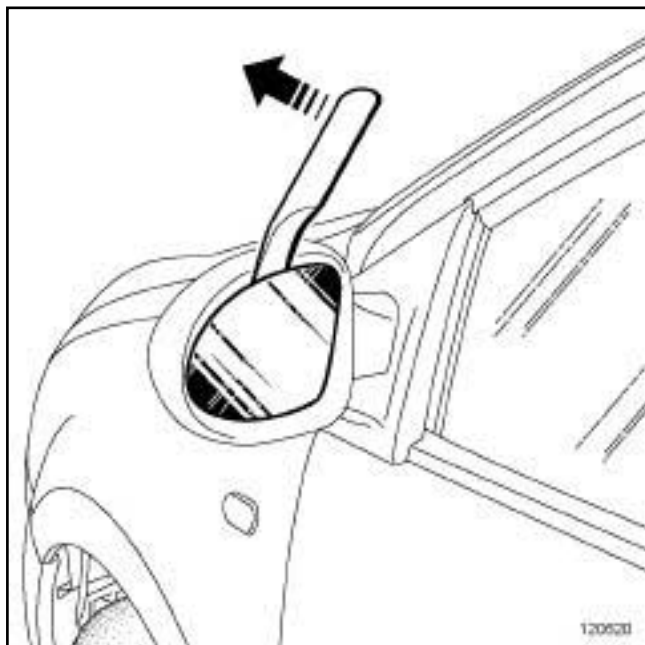
56A

Special tooling required

Car. 1363 Set of trim removal levers.

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



120620

- Unclip the door mirror glass using the **(Car. 1363)**.
- Disconnect the supply connectors (depending on equipment level).

REFITTING

REFITTING OPERATION FOR PART CONCERNED

- Connect the supply connectors (depending on equipment level).
- Clip the door mirror glass in position.

Side decorative strips: Removal - Refitting

□

Note:

Once removed, the side decorative strips cannot be refitted and must be replaced each time.

REMOVAL

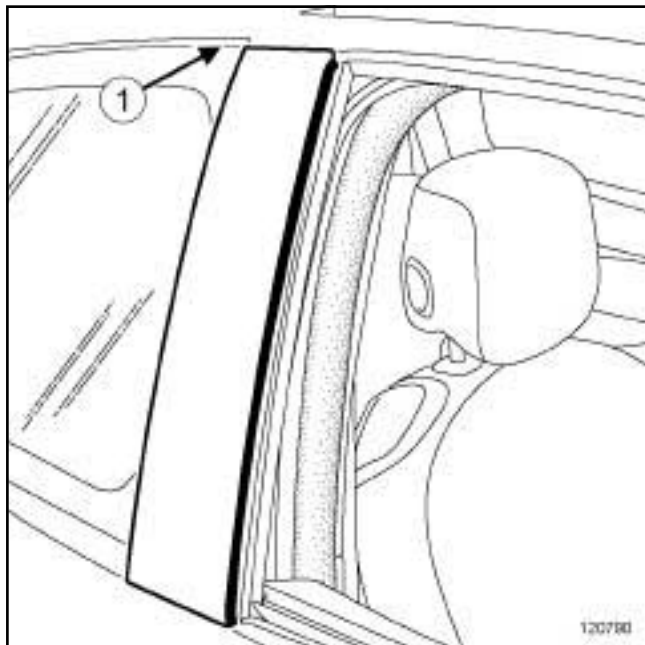
I - REMOVAL PREPARATION OPERATION

□ Remove:

- the front door exterior weatherstrip (see **Front side door exterior weatherstrip: Removal - Refitting**) ,

- the front door glass run channel (see **Front side door window run channel: Removal - Refitting**) .

II - REMOVAL OPERATION FOR PART CONCERNED



120790

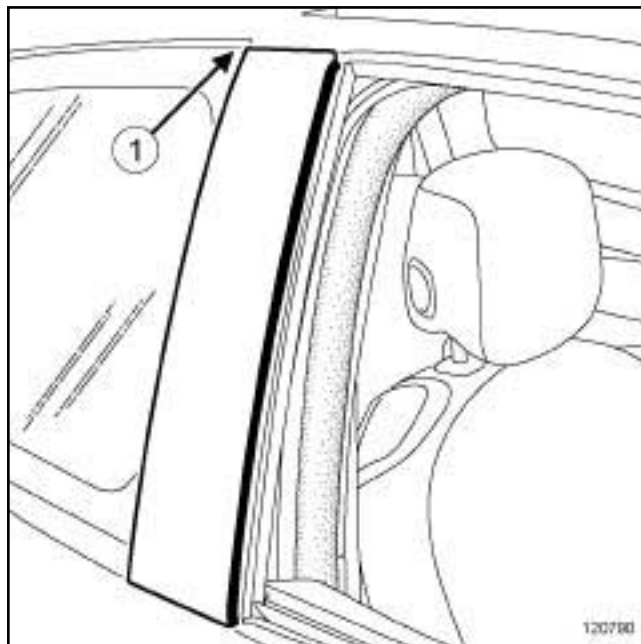
□ Strip off the side decorative strip using a hot air gun.

REFITTING

I - REFITTING PREPARATIONS OPERATION

□ Clean the adhesive surface of the film with heptane and wipe with a lint-free cloth.

II - REFITTING OPERATION FOR PART CONCERNED



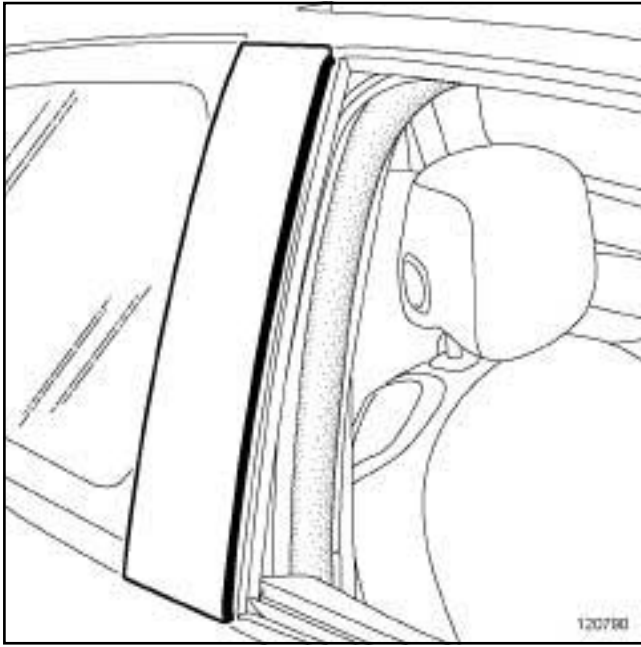
120790

- Position the decorative strip to be bonded to the door pillar and visually centre it with the rear quarter panel window end piece (1) .
- Hold the lower section of the decorative strip in place with masking tape.
- Turn back the top of the decorative strip and pull away the protective paper to mark.
- Stick the side decorative strip down taking care to keep it properly aligned.
- Pull away the protective paper from the upper section of the decorative strip.
- Pull away the protective paper from the upper section of the decorative strip.
- Stick down the upper section smoothing it with a plastic spatula from bottom to top in a continuous movement.
- Pull away the masking tape from the lower section of the side decorative strip.
- Smooth from top to bottom with the plastic spatula in a continuous movement, gradually pulling away the protective paper following the progression of the bonding taking care to ensure that it stays aligned.

WARNING

Do not press too heavily on the plastic spatula otherwise you may stretch and deform the side decorative strip.

Side decorative strips: Removal - Refitting



120790

- Stick down the side decorative strip to the two edges using the plastic spatula.
- Smooth edge with a movement from the rear to the front ensuring that the side decorative strip is properly bonded on the run channel side.
- Fold back edge gradually over its entire length with the plastic spatula and finish the application with your thumb along the interior of the upright.

III - FINAL OPERATION.

- Refit:
 - the front door channel (see **Front side door window run channel: Removal - Refitting**) ,
 - the front door exterior weatherstrip (see **Front side door exterior weatherstrip: Removal - Refitting**)

Sill panel extension: Removal - Refitting

C44, and EQUIPMENT LEVEL SPORT

REMOVAL

I - REMOVAL PREPARATION OPERATION

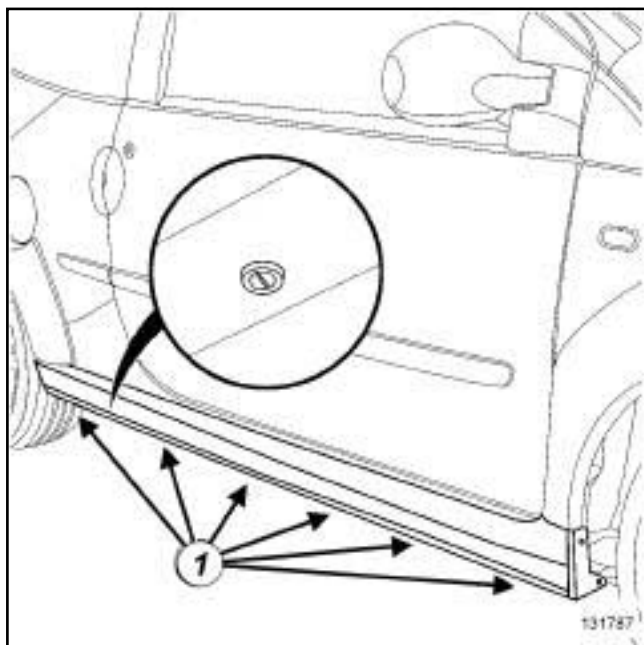


Note:

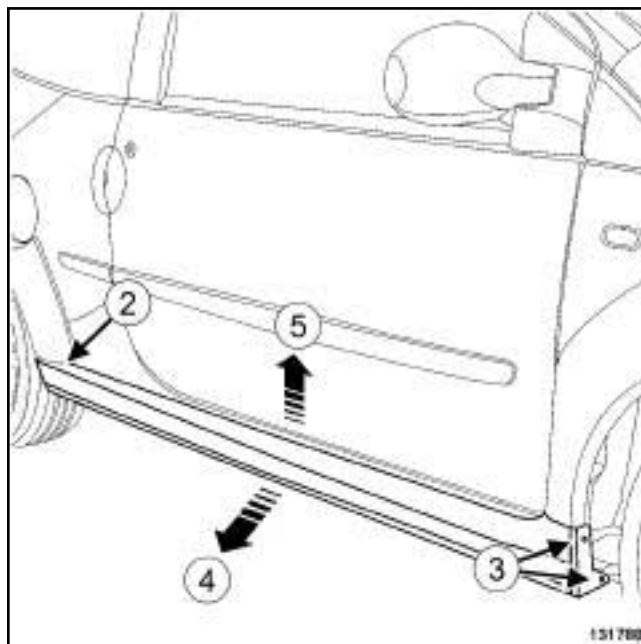
It is not necessary to remove the front sill panel trim except when removing and refitting the sill panel extender mountings.

Remove the front sill panel trim (see **Front door sill lining: Removal - Refitting**) (71A, Body internal trim).

II - OPERATION FOR REMOVAL OF PART CONCERNED



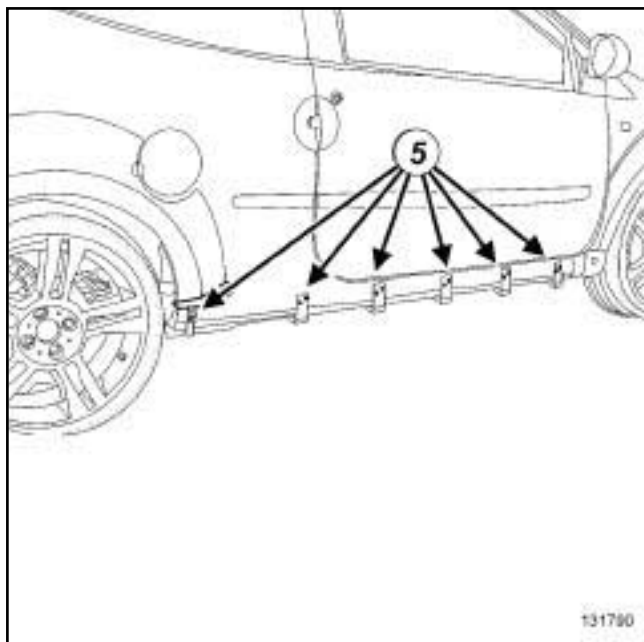
- Remove the clips (1) .



131788

- Unclip the sill panel extender at (2) .
- Remove the bolts (3) .
- Unclip the sill panel extender at (4) and (5) .
- Remove the sill panel extender.

C44, and EQUIPMENT LEVEL SPORT



131790

- Drill out rivets (5) .

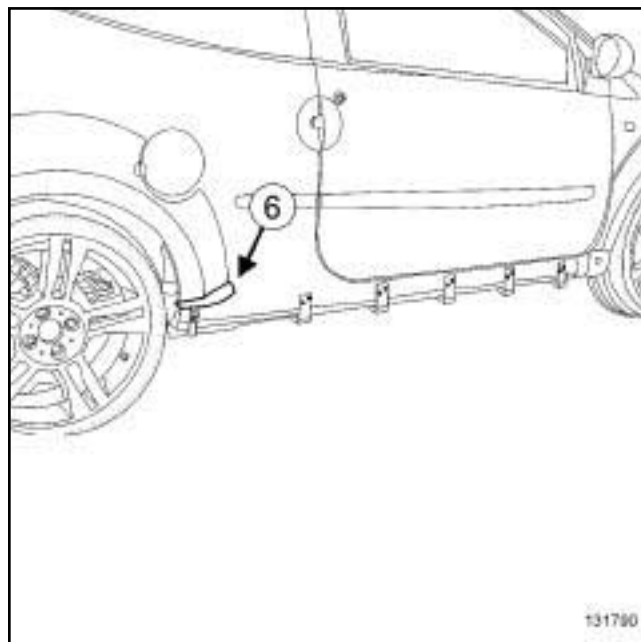
WARNING

To avoid any risk of corrosion after the localised stripping of the panel, reapply the protective coating (see **Technical Note 0592A**).

- Remove the sill panel extender mountings.

REFITTING**I - REFITTING PREPARATION OPERATION**

- Check the condition of the clips and replace them if necessary.



131790

- Apply a strip of masking tape at (6) to protect the rear wing extender.

-

Note:

It is not necessary to inject **WAX FOR HOLLOW SECTIONS** except when removing and refitting the sill panel extender mountings.

Inject **WAX FOR HOLLOW SECTIONS** into the sill panel to protect the rivets (see **Anti-corrosion protection product: Description**) (04E, Paint).

II - REFITTING OPERATION FOR PART CONCERNED

- Refit the sill panel extender mountings.
- Refit the sill panel extender.
- Clip the sill panel extender (2) .
- Refit clips (1) .

III - FINAL OPERATION.

- Refit the front sill panel trim (see **Front door sill lining: Removal - Refitting**) (71A, Body internal trim).

Rear wing extension: Removal - Refitting

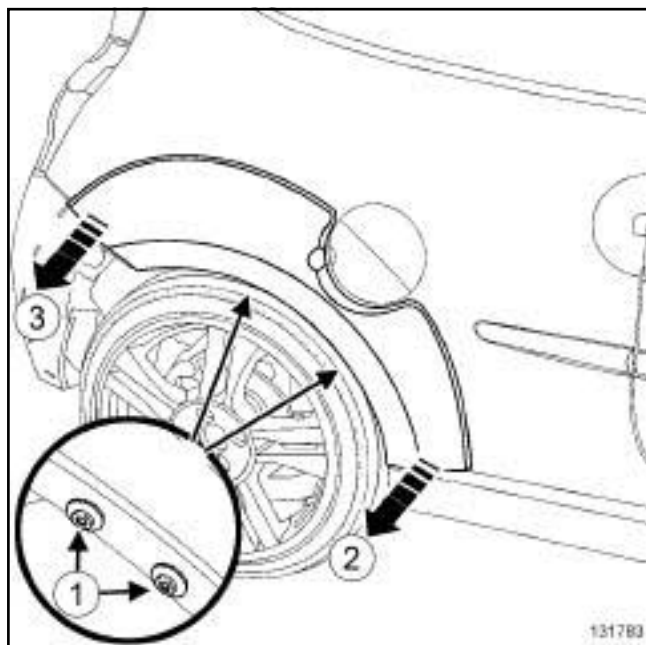
C44, and EQUIPMENT LEVEL SPORT

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Remove the rear bumper side extender (see 55A, Exterior protection, Rear bumper: Removal - Refitting, page 55A-10) .

II - OPERATION FOR REMOVAL OF PART CONCERNED



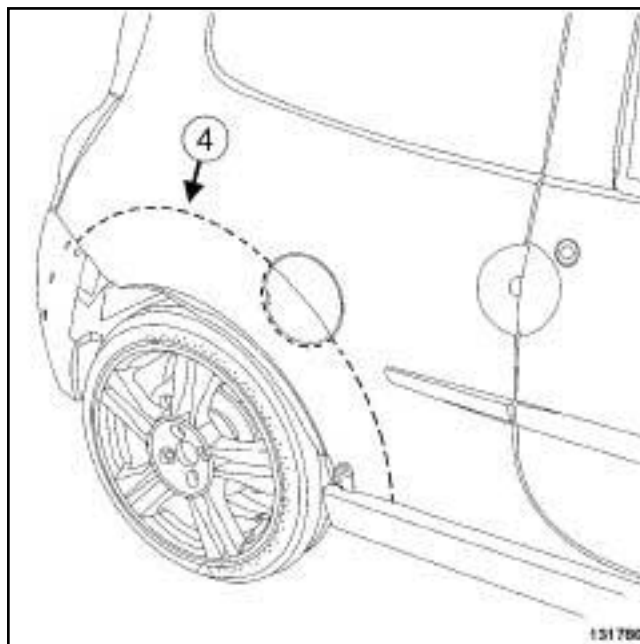
131783

- Remove the bolts (1) .
- Unclip:
 - the rear wing extender at (2) ,
 - the centring device at (3) .
- Carefully detach the rear wing extender.

REFITTING

I - REFITTING PREPARATION OPERATION

- parts always to be replaced: Rear wing extension (50,07,16,04).



131786

- Remove any adhesive residue (4) with a rotary eraser (Part no.: 77 11 419 046 or 77 11 419 047).
- Clean the bonding areas using a **LINT-FREE CLOTH** soaked in **HEPTANE** (see **Vehicle: Parts and consumables for the repair**) (04B, Consumables - Products) by pressing firmly and moving slowly from back to front and in one direction only.
- Wipe the bonding areas with a clean, dry **LINT-FREE CLOTH** in one direction only.

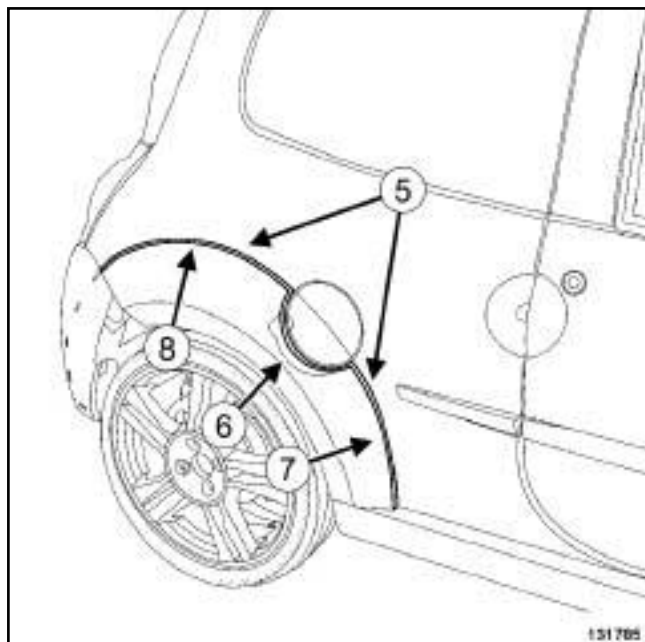
Note:

Check for any stains on the clean and dry lint-free cloth. If any traces of stains are found, resume the cleaning procedure.

II - REFITTING OPERATION FOR PART CONCERNED

- Clip on the rear wing extender at (2) .

C44, and EQUIPMENT LEVEL SPORT



131785

- Remove the protective backing (5) from the double-sided adhesive tape.
- Refit the bolts (1), without tightening them.
- Centre the rear wing extender at (3).
- Refit the side extender of the rear bumper (see **55A, Exterior protection, Rear bumper: Removal - Refitting**, page **55A-10**).

Note:

To ensure good bonding of the double-sided adhesive tape, apply continuous pressure using the palm of the hand against a soft lint-free cloth.

- Exert pressure on the bonding areas, moving slowly and continuously from the centre towards the edges.
- Bond the rear wing extender at (6), (7), and (8).
- Tighten the bolts (1), by applying pressure towards the vehicle interior.

Equipment required

Diagnostic tool

IMPORTANT

To avoid any risk of triggering when working on or near a pyrotechnic component (airbags or pretensioners), lock the airbag computer using the diagnostic tool.

When this function is activated, all the trigger lines are inhibited and the airbag warning light on the instrument panel lights up continuously (ignition on).

IMPORTANT

Never handle the pyrotechnic systems (pretensioners or airbags) near to a source of heat or naked flame - they may be triggered.

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Lock the airbag computer using the **Diagnostic tool** (see **Fault finding - Replacement of components**) (88C, Airbags and pretensioners).
- Disconnect the battery (see **Battery: Removal - Refitting**) (80A, Battery).

FRONT SIDE AIRBAG

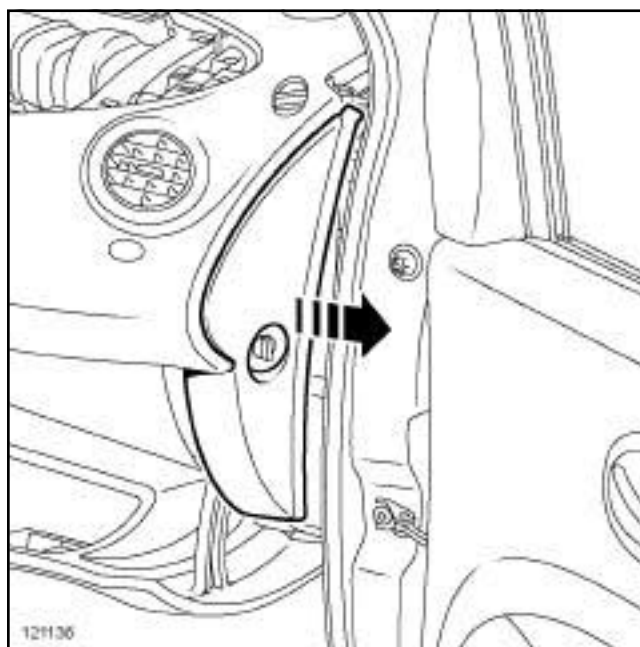
- Remove the passenger front airbag (see **Passenger's frontal airbag: Removal - Refitting**) (88C, Airbags and pretensioners).

- Remove:

- the windscreen pillar trims (see **Windscreen pillar trim: Removal - Refitting**) (71A, Body internal trim),
- the driver's front airbag (see **Driver's frontal airbag: Removal - Refitting**) (88C, Airbags and pretensioners),
- the steering wheel (see **Steering wheel: Removal - Refitting**) (36B, Power-assisted steering).

ENGINE REV COUNTER

- Remove the rev counter (depending on the equipment level) (see **Rev counter: Removal - Refitting**) (83A, Instrument panel).
- Remove:
 - the steering column switch assembly (see **Steering column switch assembly: Removal - Refitting**) (84A, Control - Signals),
 - the instrument panel (see **Instrument panel: Removal - Refitting**) (83A, Instrument panel),
 - the tweeters (see **Tweeter: Removal - Refitting**) (86A, Radio),
 - the centre console (see **57A, Interior equipment, Centre console: Removal - Refitting**, page 57A-12) ,
 - the centre front panel (see **57A, Interior equipment, Centre front panel: Removal - Refitting**, page 57A-7) ,
 - the control panel (see **Control panel: Removal - Refitting**) (61A, Heating).



121136

- Unclip the dashboard side faces.

INTERIOR EQUIPMENT

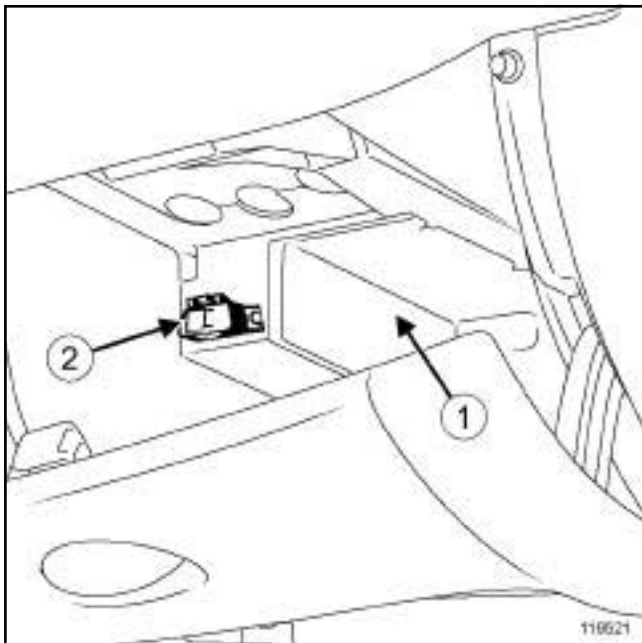
Dashboard: Removal - Refitting

57A



121135

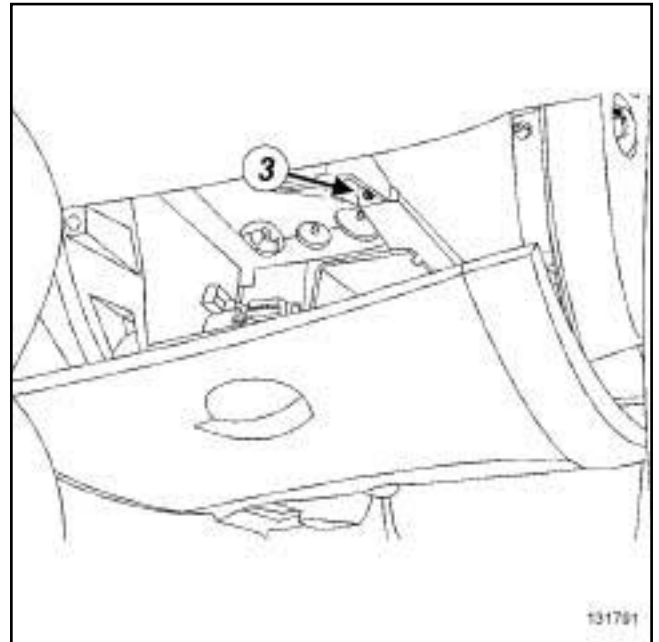
- ❑ Disconnect the passenger airbag deactivation connector.



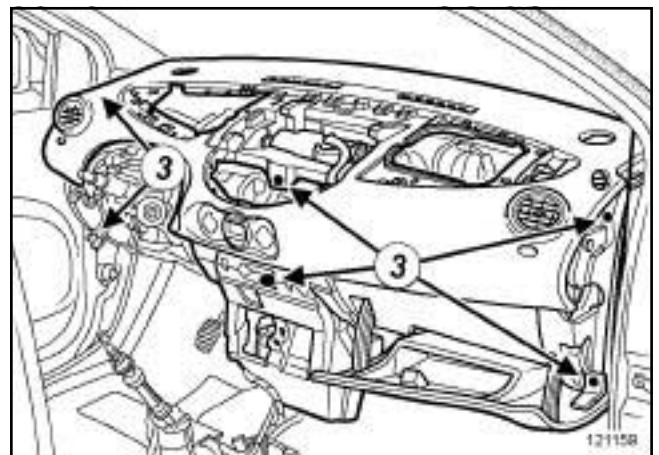
119521

- ❑ Unclip:
 - the access flap (1) ,
 - the diagnostic socket (2) .

II - OPERATION FOR REMOVAL OF PART CONCERNED



131791



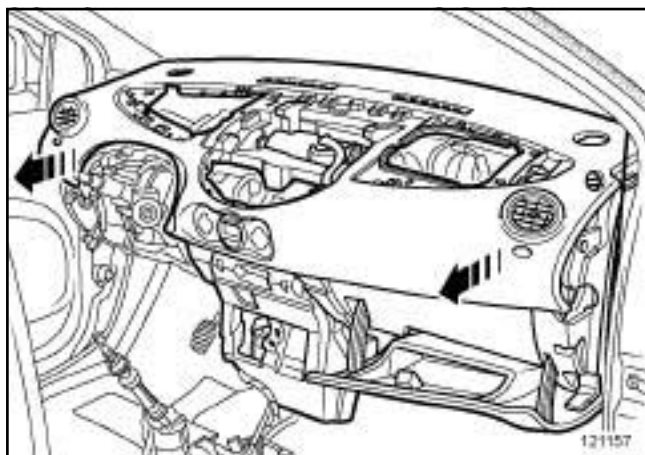
121159

- ❑ Remove the dashboard bolts (3) .

INTERIOR EQUIPMENT

Dashboard: Removal - Refitting

57A



121157

- Partially remove the dashboard (this operation requires two people).
- Detach the various wiring from the dashboard.
- Remove the dashboard (this operation requires two people).
- Note the route of the cabling.

REFITTING

I - REFITTING PREPARATION OPERATION

- Ensure that the wiring is in good condition.

II - REFITTING OPERATION FOR PART CONCERNED

- Partially refit the dashboard (this operation requires two people).
- Refit:
 - the various cable harnesses,
 - the dashboard (this operation requires two people).

III - FINAL OPERATION.

- Clip:
 - the diagnostic socket **(2)**,
 - the access flap **(1)**.
- Connect the passenger airbag deactivation connector.
- Clip on the dashboard side faces.
- Refit:
 - the control panel (see **Control panel: Removal - Refitting**) (61A, Heating),
 - the instrument panel (see **Instrument panel: Removal - Refitting**) (83A, Instrument panel),

- the tweeters (see **Tweeter: Removal - Refitting**) (86A, Radio),
- the centre front panel (see **57A, Interior equipment, Centre front panel: Removal - Refitting**, page **57A-7**),
- the centre console (see **57A, Interior equipment, Centre console: Removal - Refitting**, page **57A-12**),
- the steering column switch assembly (see **Steering column switch assembly: Removal - Refitting**) (84A, Control - Signals).

ENGINE REV COUNTER

- Refit the rev counter (see **Rev counter: Removal - Refitting**) (83A, Instrument panel).

- Refit:

- the steering wheel (see **Steering wheel: Removal - Refitting**) (36B, Power-assisted steering),
- the driver's front airbag (see **Driver's frontal airbag: Removal - Refitting**) (88C, Airbags and pretensioners),
- the windscreen pillar trims (see **Windscreen pillar trim: Removal - Refitting**) (71A, Body internal trim).

FRONT SIDE AIRBAG

- Refit the passenger front airbag (see **Passenger's frontal airbag: Removal - Refitting**) (88C, Airbags and pretensioners).

- Connect the battery (see **Battery: Removal - Refitting**) (80A, Battery).

- Carry out a function test on all functions.

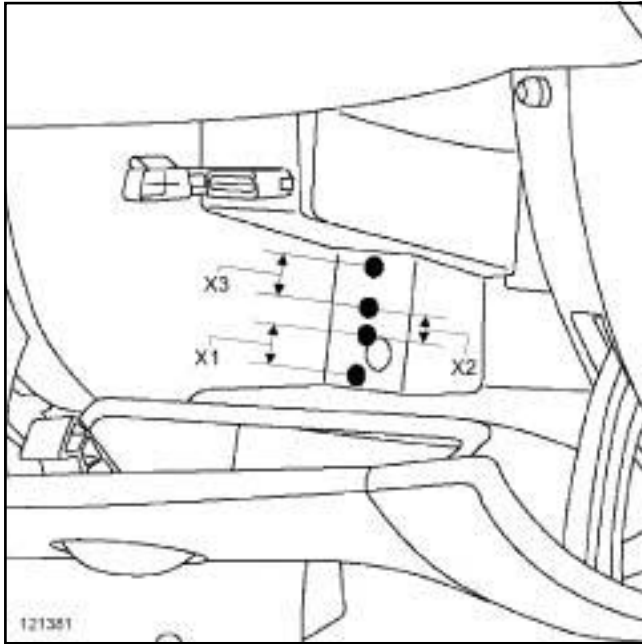
IMPORTANT

To avoid a fault with or even triggering of pyrotechnic components (airbags or pretensioners), check the airbag computer using the diagnostic tool.

- Unlock the airbag computer using the **Diagnostic tool** (see **Fault finding - Replacement of components**) (88C, Airbags and pretensioners).

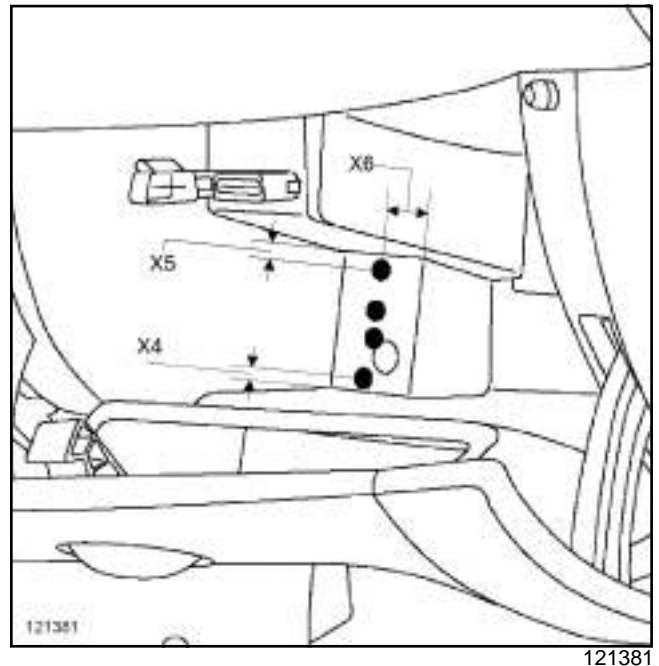
I - DASHBOARD CONVERSION REQUIRED FOR FITTING AN OFFSET AUDIO SOCKET

1 - Offset audio socket holes



- (X1) = 22 mm.
- (X2) = 16 mm.
- (X3) = 23 mm.
- Drill the holes using a drill bit (\varnothing 9 mm).

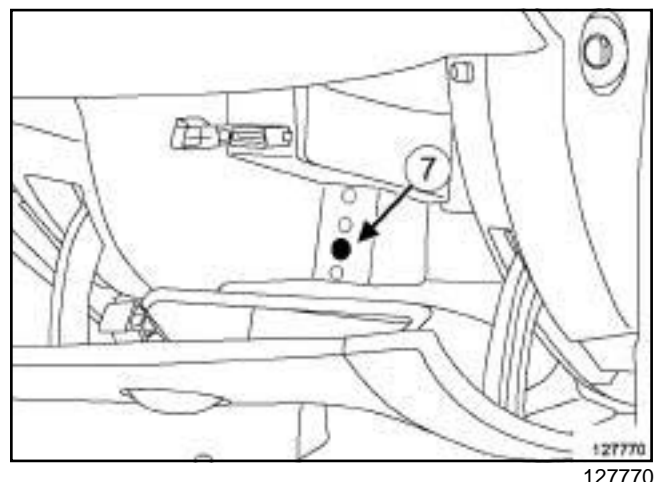
2 - Mounting holes for the offset audio socket unit



- (X4) = 8 mm.
- (X5) = 7 mm.
- (X6) = 27 mm.
- Drill the holes using a drill bit (\varnothing 7.5 mm).

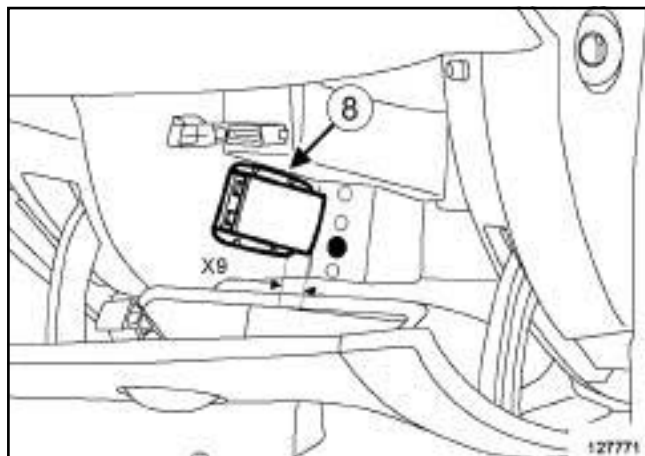
II - DASHBOARD CONVERSION REQUIRED FOR FITTING THE AUDIO CONNECTING BOX (ACB)

1 - Unit wiring hole (ACB)



- Hole (7) = \varnothing 20 mm.
- Enlarge the hole (7) using a conical cutter.

2 - Unit mounting holes (ACB)



127771

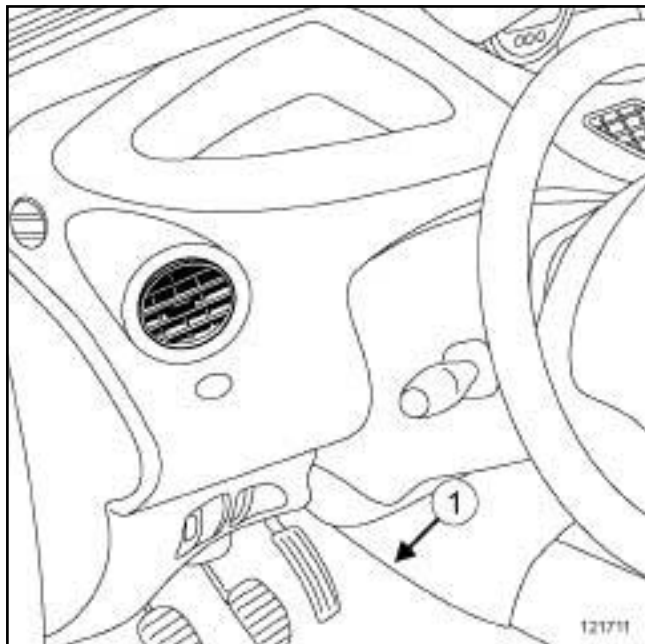
- Position the unit (ACB) in the glovebox against the upper edge (8) .
- (X9) = 15 mm
- Mark the unit mounting holes.
- Drill the holes using a drill bit (\varnothing 3 mm).

Note:

Connect the connector before fitting the unit (ACB).

REFITTING

OPERATION FOR REMOVAL OF PART CONCERNED



121711

- Unclip the dashboard side air vent at (1) .

REMOVAL

REFITTING OPERATION FOR PART CONCERNED

- Clip on the dashboard side air vent back at (1) .

INTERIOR EQUIPMENT

Centre front panel: Removal - Refitting

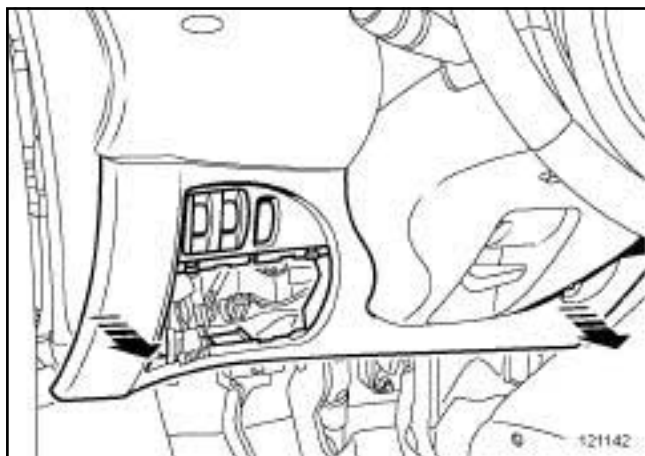
57A

REMOVAL

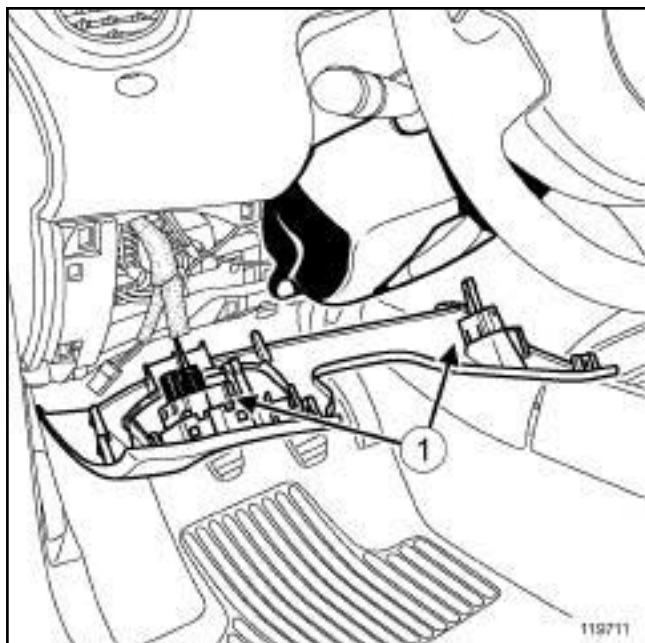
I - REMOVAL PREPARATION OPERATION

❑ Remove:

- the radio (see **Radio: Removal - Refitting**) (MR 411, 86A, Radio),
- the centre console (see **57A, Interior equipment, Centre console: Removal - Refitting**, page 57A-12) .

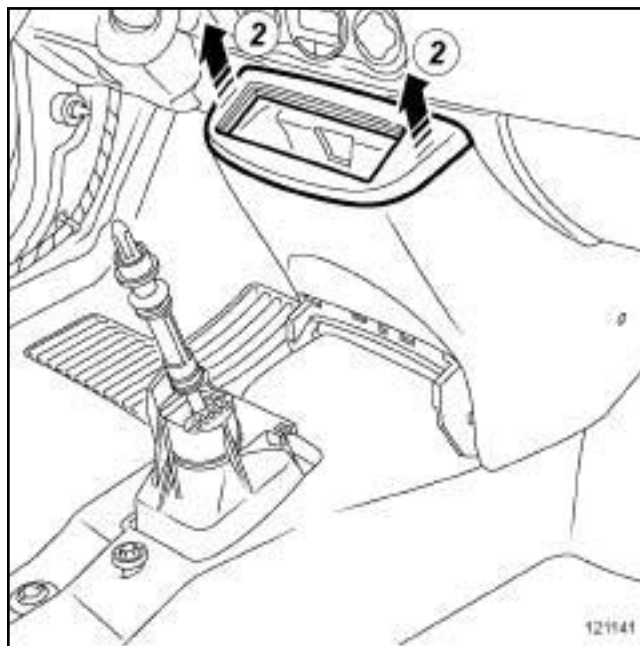


❑ Remove the dashboard lower trim.



❑ Disconnect the various connectors (1) .

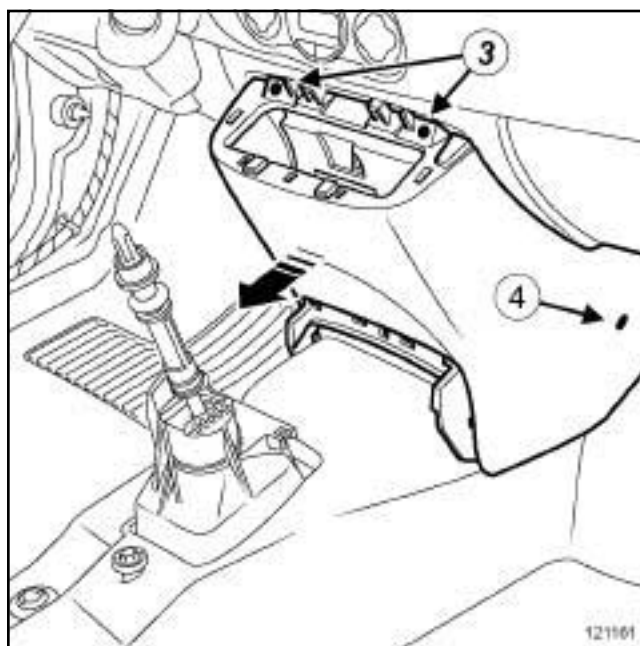
II - OPERATION FOR REMOVAL OF PART CONCERNED



121141

❑ Unclip the upper section of the centre front panel at (2) .

❑ Remove the upper section of the centre front panel.



121161

❑ Remove:

- the bolts (3) ,
- the clips (4) ,
- the centre front panel.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

Refit:

- the centre front panel,
- the bolts **(3)** ,
- the clips **(4)** ,
- the upper section of the centre front panel.

II - FINAL OPERATION.

Connect the various connectors **(1)** .

Refit:

- the dashboard lower trim,
- the centre console (see **57A, Interior equipment, Centre console: Removal - Refitting**, page **57A-12**) ,
- the radio (see **Radio: Removal - Refitting**) (MR 411, 86A, Radio).

INTERIOR EQUIPMENT

Glovebox: Removal - Refitting

57A

Equipment required

Diagnostic tool

IMPORTANT

To avoid any risk of triggering when working on or near a pyrotechnic component (airbags or pretensioners), lock the airbag computer using the diagnostic tool.

When this function is activated, all the trigger lines are inhibited and the airbag warning light on the instrument panel lights up continuously (ignition on).

IMPORTANT

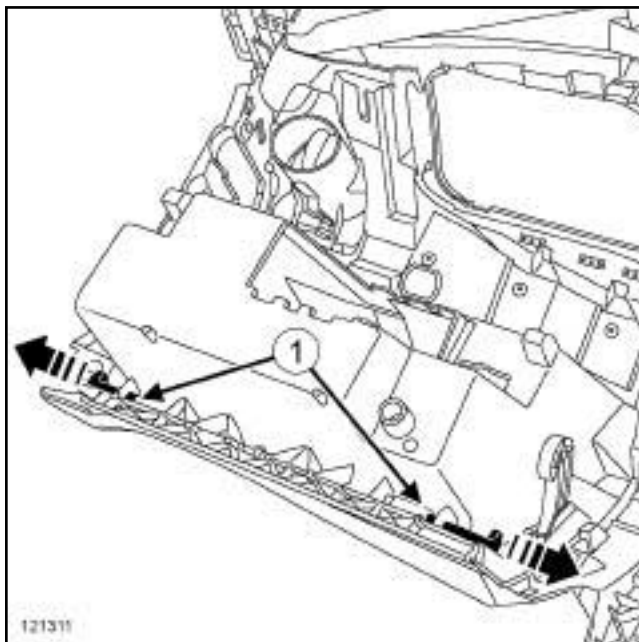
Never handle the pyrotechnic systems (pretensioners or airbags) near to a source of heat or naked flame - they may be triggered.

REMOVAL

I - REMOVAL PREPARATION OPERATION

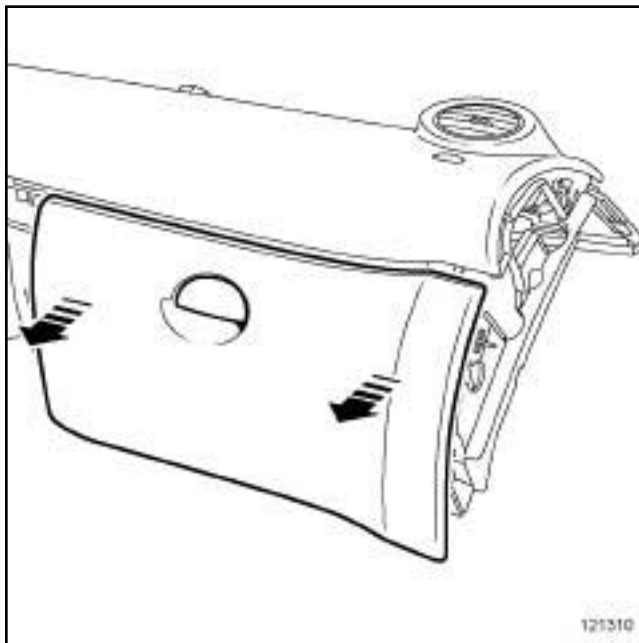
- Lock the airbag computer using the **Diagnostic tool** (see **Fault finding - Replacement of components**) (MR 413, 88C, Airbags and pretensioners).
- Disconnect the battery (see **Battery: Removal - Refitting**) (MR 411, 80A, Battery).
- Remove the dashboard (see **57A, Interior equipment, Dashboard: Removal - Refitting**, page 57A-1).

II - OPERATION FOR REMOVAL OF PART CONCERNED



121311

- Remove the pins (1).



121310

- Remove the glovebox.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Refit:
 - the glovebox,

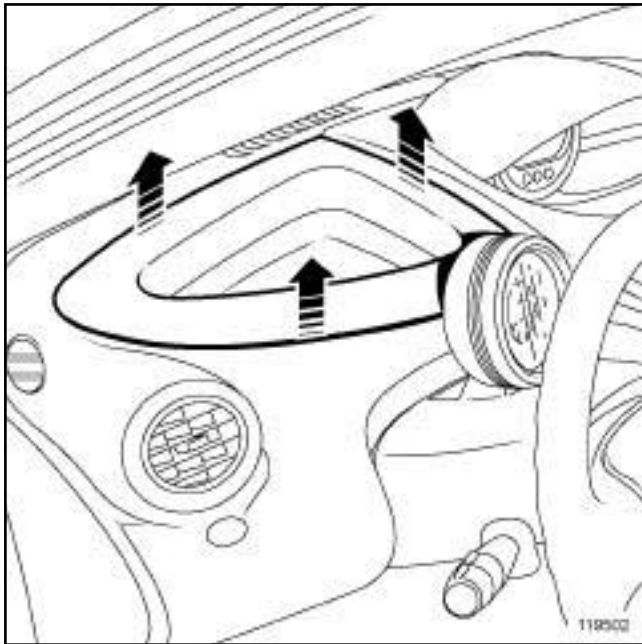
- the pins (1) .

II - FINAL OPERATION.

- Refit the dashboard (see **57A, Interior equipment, Dashboard: Removal - Refitting**, page **57A-1**) .
- Connect the battery (see **Battery: Removal - Refitting**) (MR 411, 80A, Battery).
- Unlock the airbag computer using the **Diagnostic tool** (see **Fault finding - Replacement of components**) (MR 413, 88C, Airbags and pretensioners).

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



119502

- Unclip the storage compartment from the dashboard.

REFITTING

REFITTING OPERATION FOR PART CONCERNED

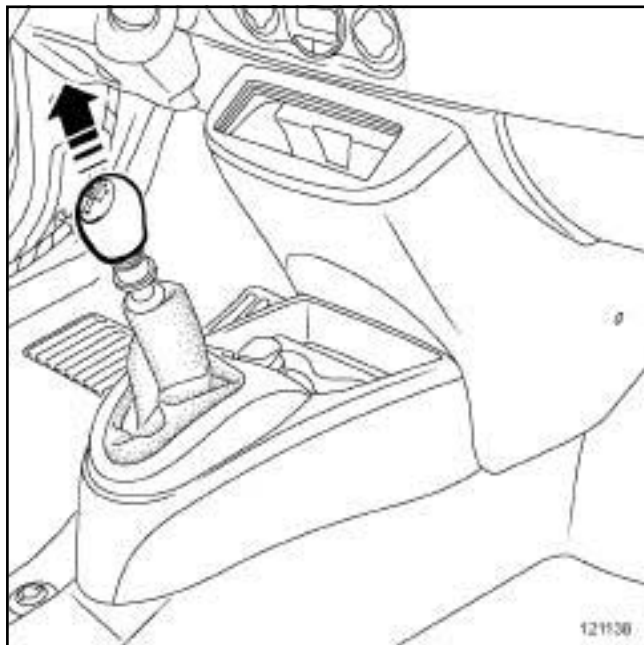
- Clip the storage compartment onto the dashboard.

REMOVAL

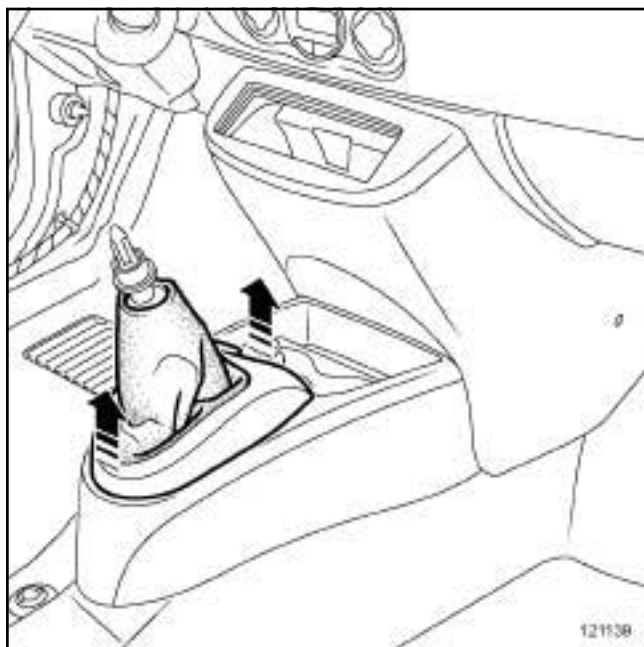
I - REMOVAL PREPARATION OPERATION

- ❑ Push the front seats back.

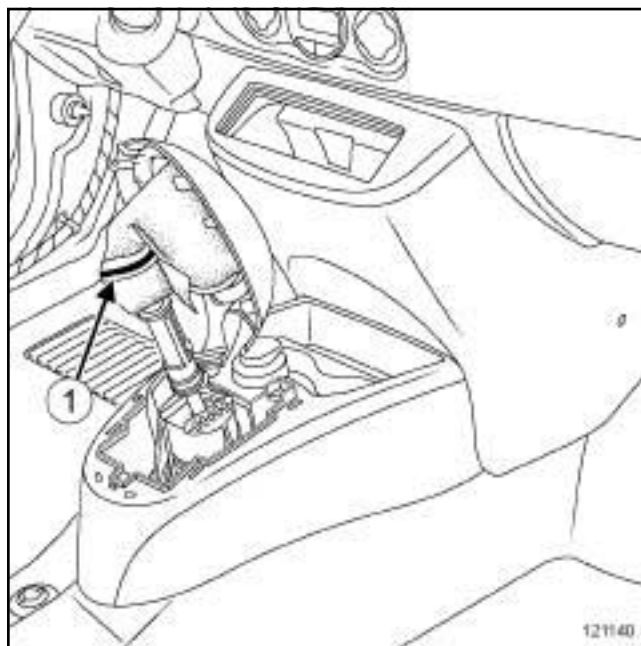
JB1 or JH3



- ❑ Remove the gear lever knob.



- ❑ Unclip the gear lever gaiter.



121140

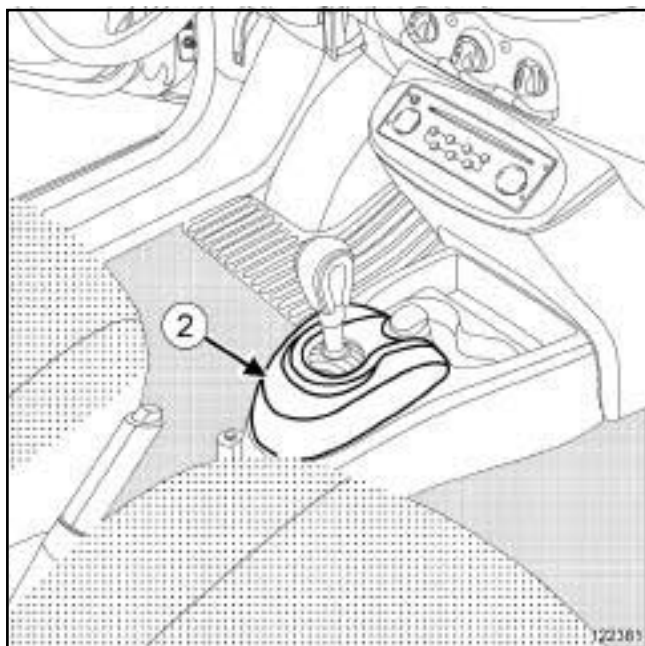
- ❑ Cut the plastic clip (1) .
- ❑ Remove:
 - the plastic clip (1) ,
 - the gear lever gaiter.

INTERIOR EQUIPMENT

Centre console: Removal - Refitting

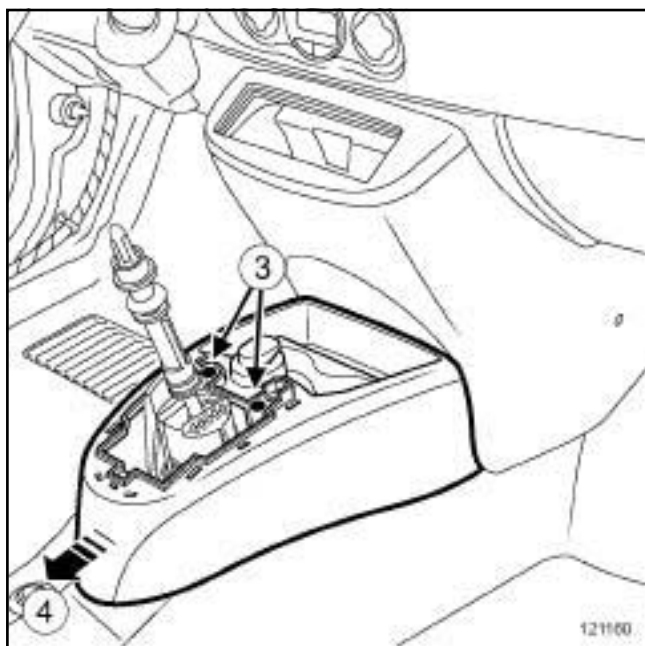
57A

JH1



- Unclip the gear lever trim piece (2) .

II - REMOVAL OPERATION FOR PART CONCERNED



- Remove:
 - the bolts (3) ,
 - the centre console in the direction of the arrow (4) .

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Refit:
 - the centre console,
 - the bolts (3) .

II - FINAL OPERATION.

JB1 or JH3

- Partially refit the gear lever gaiter.
- Refit a new plastic clip (1) .
- Clip on:
 - the gear lever gaiter,
 - the gear lever knob.

JH1

- Clip on the gear lever trim piece (2) .

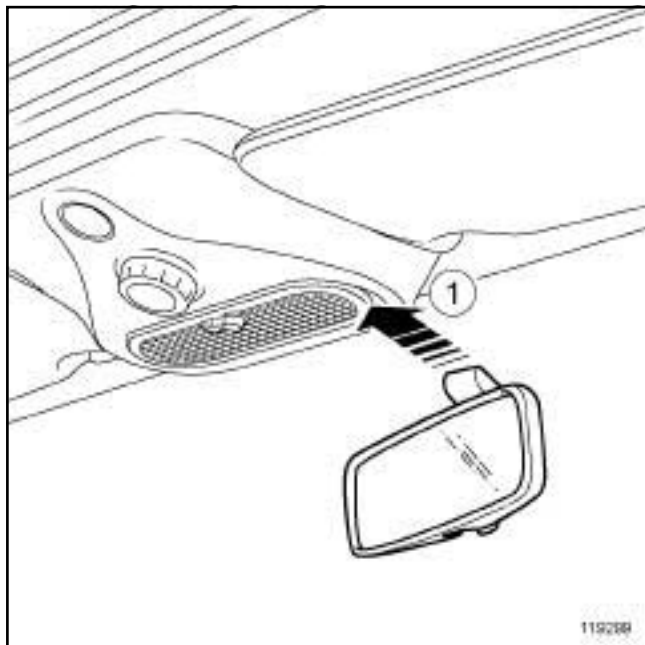
- Move the seats back to their original position.

Interior rear-view mirror: Removal - Refitting

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED

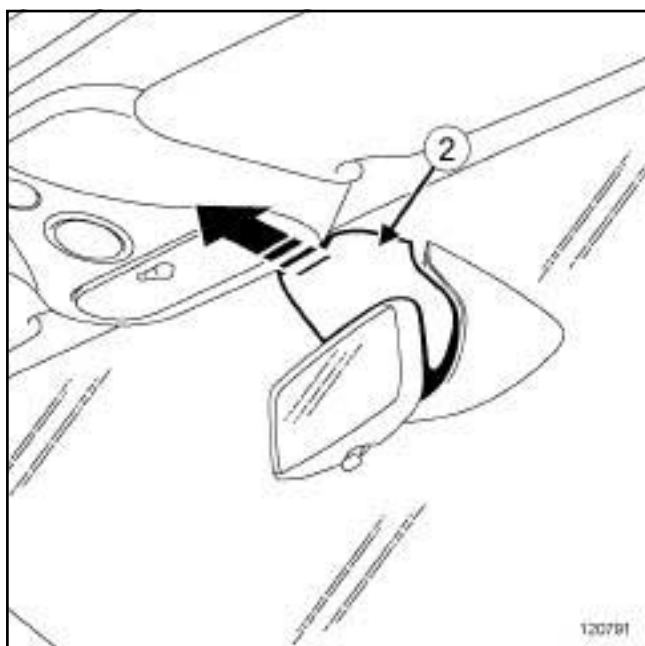
1 - 1st type



119299
119299

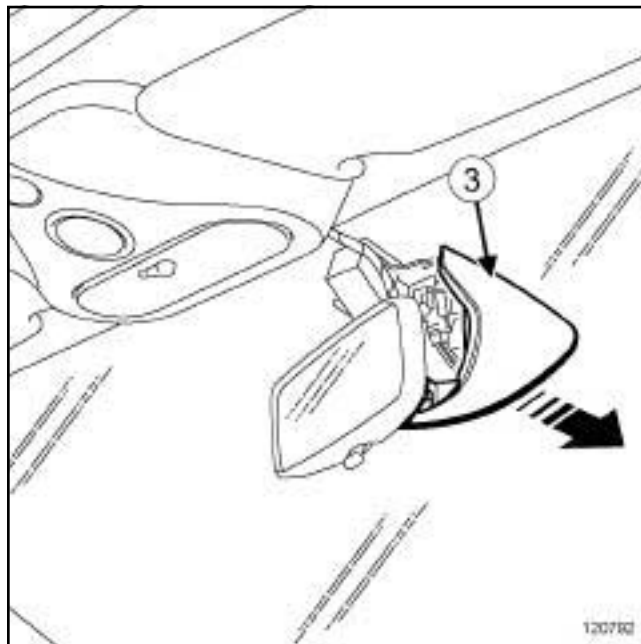
- Remove interior rear-view mirror (1) .

2 - 2nd type



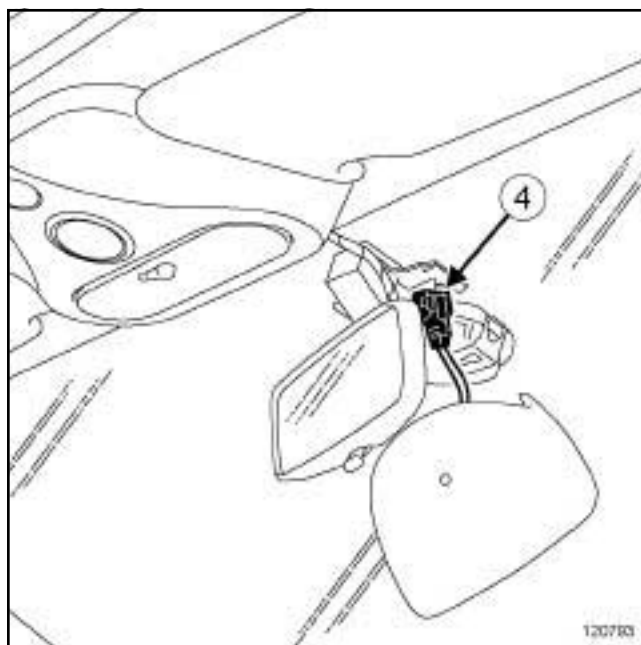
120791
120791

- Unclip the upper cover (2) .



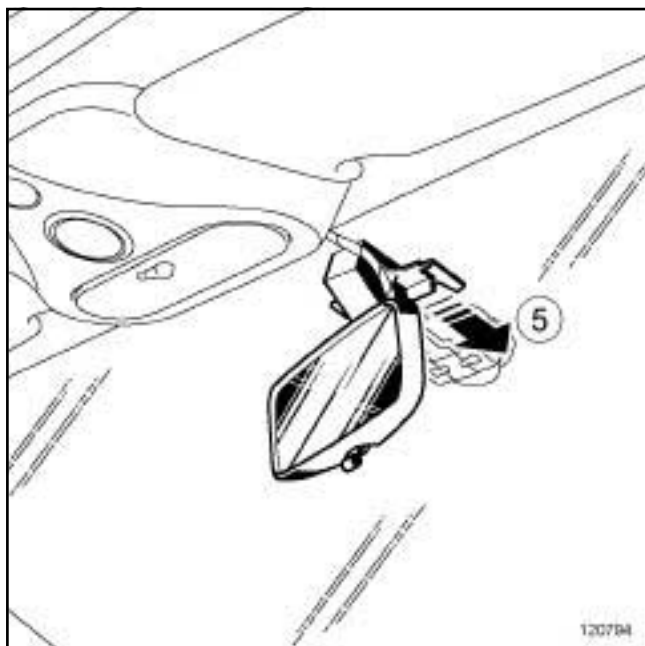
120792
120792

- Unclip the lower casing (3) .



120793
120793

- Disconnect the connector (4) .



120794

- Remove interior rear-view mirror (5) .

Note:

When removing the interior rear-view mirror, be careful not to damage the rain sensor nearby.

REFITTING

REFITTING OPERATION FOR PART CONCERNED

- Refit interior rear-view mirror.

2nd type

- Connect the connector (4) .
- Clip on:
 - the lower cover (3) ,
 - the upper cover (2) .

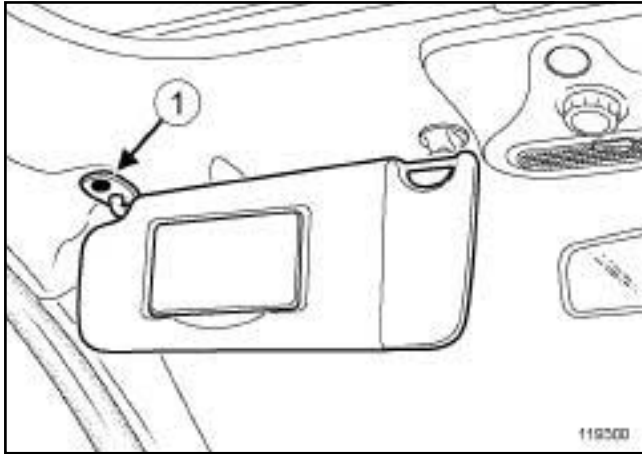
INTERIOR EQUIPMENT

Sun visor: Removal - Refitting

57A

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



119300

Remove:

- the bolt (1) ,
- the sun visor.



119301

Remove:

- the bolt (2) ,
- the sun visor mounting.

REFITTING

REFITTING OPERATION FOR PART CONCERNED


Refit:

- the sun visor mounting,
- the bolt (2) ,
- the sun visor,
- the bolt (1) .

SAFETY ACCESSORIES

Front seat belt: Removal - Refitting

59A

Tightening torques 	
front seat belt inertia reel bolt	21 Nm
front seat belt anchorage bolt	21 Nm
front seat belt support bolt	21 Nm

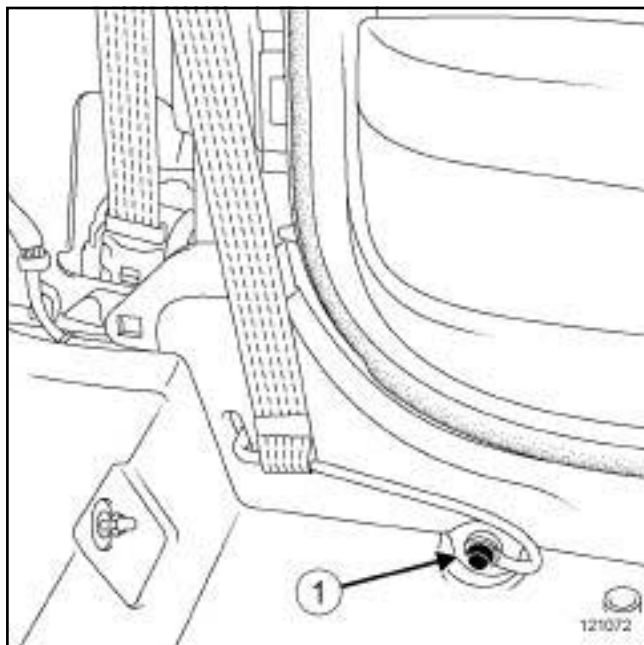
REMOVAL

I - REMOVAL PREPARATION OPERATION

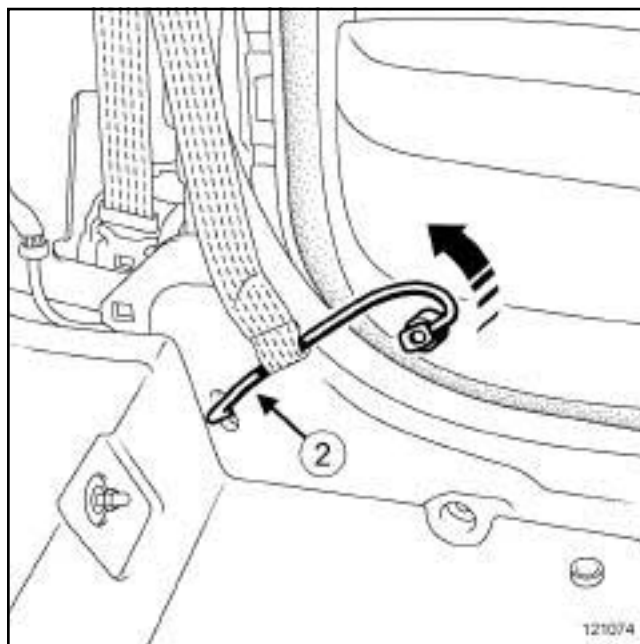
Remove:

- the complete rear bench seat ((see **Complete rear seat: Removal - Refitting**)),
- the rear wing panel trim ((see **Rear panel lining: Removal - Refitting**)).

II - OPERATION FOR REMOVAL OF PART CONCERNED



Remove the cover (1) and the front seat belt mounting bolt.



Remove the front seat belt from the mounting support (2) .

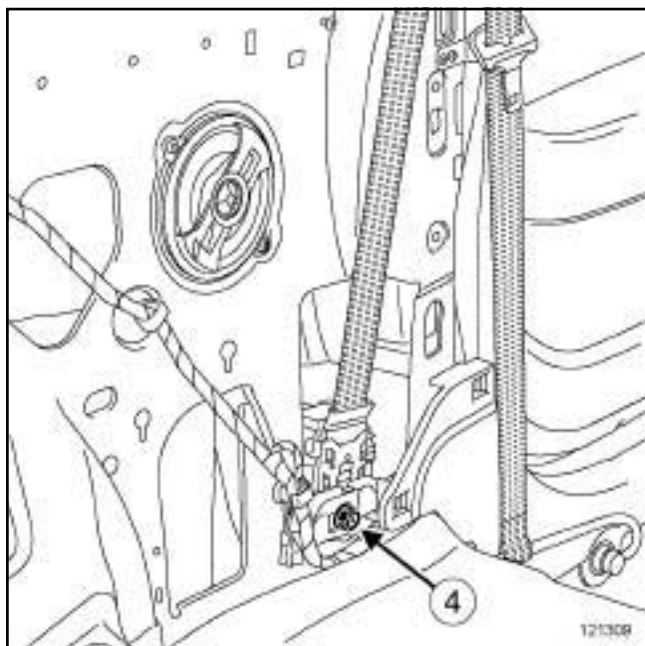


Remove the anchorage bolt from the front seat belt (3) .

SAFETY ACCESSORIES

Front seat belt: Removal - Refitting

59A



121309

❑ Remove:

- the front seat belt inertia reel bolt (4) ,
- the front seat belt .

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

❑ Refit:

- the front seat belt inertia reel,
- Always replace the front seat belt inertia reel bolt after each removal.
- the front seat belt inertia reel bolt (4) .

❑ Torque tighten the front seat belt inertia reel bolt (21 Nm).

❑ Refit the anchorage bolt to the front seat belt (3) .

❑ Torque tighten the front seat belt anchorage bolt (21 Nm).

❑ Refit:

- the front seat belt to the mounting support (2) .
- Always replace the front seat belt support bolt after each removal.
- the front seat belt support bolt.

❑ Torque tighten the front seat belt support bolt (21 Nm).

❑ Refit the cover (1) .

II - FINAL OPERATION.


❑ Refit:

- the rear wing panel trim ((see **Rear panel lining: Removal - Refitting**)),
- the complete rear bench seat ((see **Complete rear seat: Removal - Refitting**)).

SAFETY ACCESSORIES

Rear seat belt: Removal - Refitting

59A

Tightening torques 	
rear seat belt inertia reel bolt	21 Nm
rear seat belt anchorage bolt	21 Nm
rear seat belt bolt	21 Nm

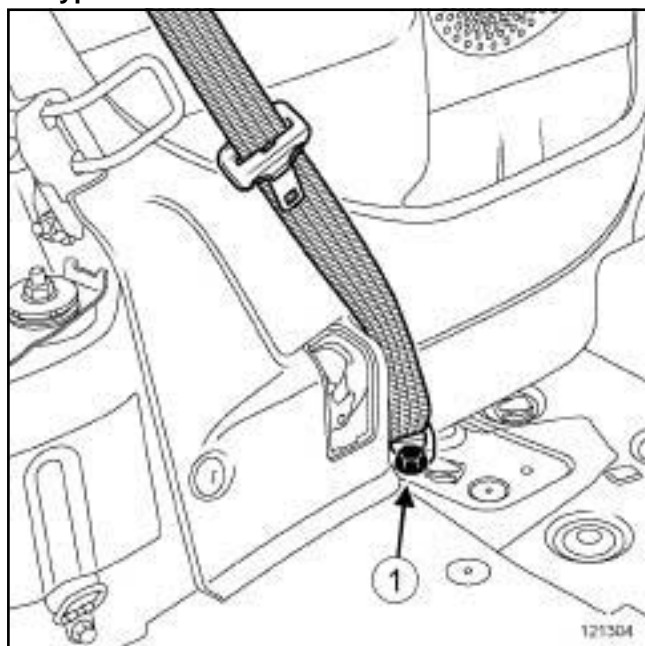
REMOVAL

I - REMOVAL PREPARATION OPERATION

- Tilt the rear bench seat base or the complete rear seat (depending on the equipment level).
- Remove:
 - the rear parcel shelf side trim ((see **Rear parcel shelf side trim: Removal - Refitting**)),
 - the rear wheel arch trim ((see **Rear wheel arch trim: Removal - Refitting**)).

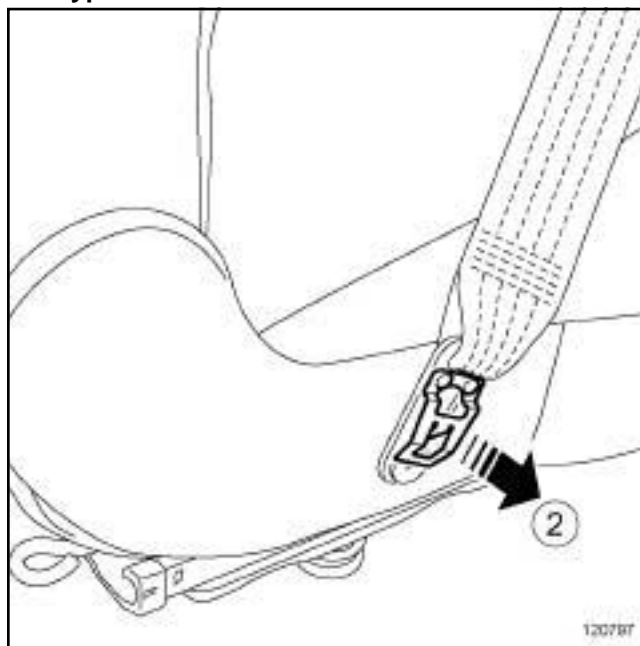
II - OPERATION FOR REMOVAL OF PART CONCERNED

1st type

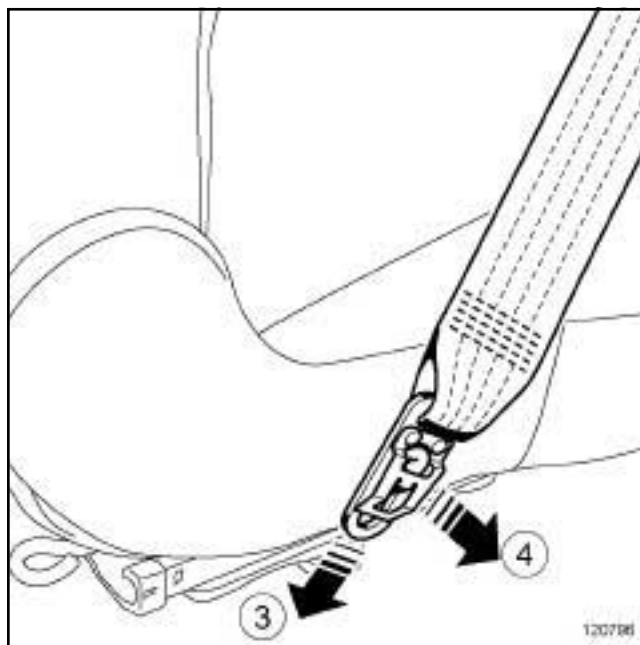


- Remove the cover and the rear seat belt lower mounting bolt (1) .

2nd type



120797



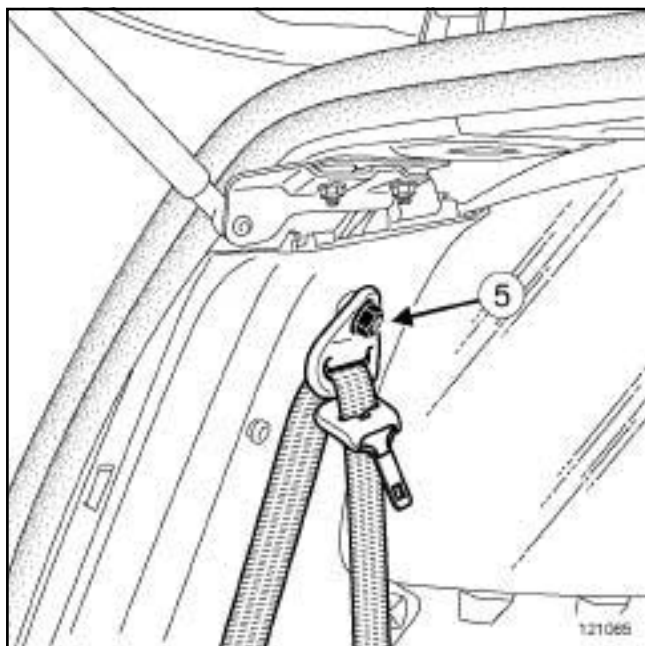
120796

- Unlock the rear seat belt (2) .
- Remove the rear seat belt (3) and (4) .

SAFETY ACCESSORIES

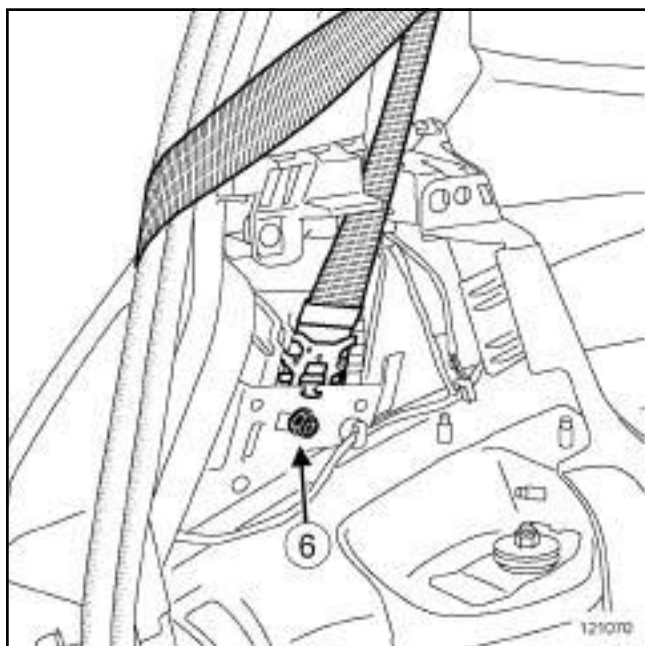
Rear seat belt: Removal - Refitting

59A



121065

- Remove the rear seat belt upper anchorage bolt and cover (5) .



121070

- Remove the rear seat belt inertia reel bolt (6) .
- Extract the rear seat belt inertia reel.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Refit:
 - the rear seat belt inertia reel,

- Always replace the rear seat belt inertia reel bolt after each removal.

- the rear seat belt inertia reel bolt (6) .

- Torque tighten the rear seat belt inertia reel bolt (21 Nm).

- Refit the rear seat belt anchorage bolt (5) .

- Torque tighten the rear seat belt anchorage bolt (21 Nm).

- Refit:

- Always replace the rear seat belt bolts after each removal.

- the bolt (1) of the rear seat belt lower mounting (factory fitted),

- the rear seat belt on the rear seat (2nd fitting).

- Torque tighten the rear seat belt bolt (21 Nm).

- Refit covers (1) and (5) .


II - FINAL OPERATION.

- Refit:

- the rear wheel arch trim ((see Rear wheel arch trim: Removal - Refitting)),

- the rear parcel shelf side trim ((see Rear parcel shelf side trim: Removal - Refitting)).

- Tilt the complete rear bench seat base or the rear seat back to the normal position (depending on the equipment level).

Tightening torques 	
rear seat belt buckle bolts	21 Nm
rear seat belt buckle bolt	28 Nm

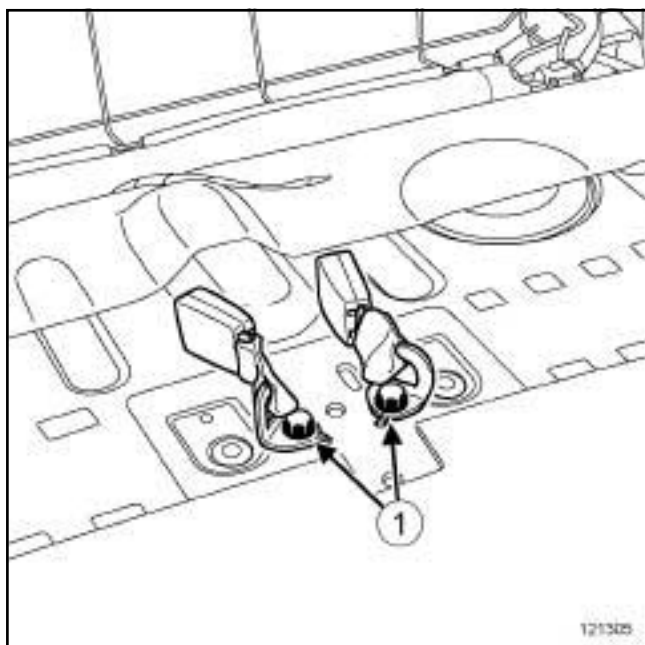
REMOVAL

I - REMOVAL PREPARATION OPERATION

- Tilt the rear bench seat base or the rear seat (depending on the equipment level).

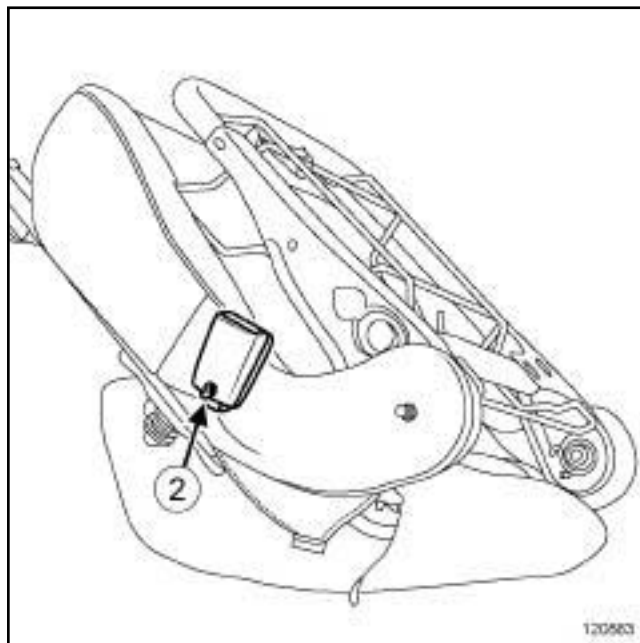
II - OPERATION FOR REMOVAL OF PART CONCERNED

1 - 1st type



- Remove:
 - the bolts (1) ,
 - the rear seat belt buckles.

2 - 2nd type



- Remove the rear seat belt "buckle-bolt" assembly (2) .

REFITTING

I - REFITTING PREPARATIONS OPERATION

2nd type

- Always replace the rear seat belt "buckle-bolt" assembly.
- Clean the nut (2) .

II - REFITTING OPERATION FOR PART CONCERNED

1 - 1st type

- Refit:
 - the rear seat belt buckles,
 - Always replace the rear seat belt buckle bolts after each removal.
 - the bolts (1) .
- Torque tighten the rear seat belt buckle bolts (21 Nm).

2 - 2nd type

- Refit the new rear seat belt "buckle-bolt" assembly (2) .

Rear seat belt buckle: Removal - Refitting

- Torque tighten the rear seat belt buckle bolt (28 Nm).

Note:

It is necessary to wait **6 hours** before applying any force to the rear seat belt buckle after it has been torque tightened.

III - FINAL OPERATION.

- Tilt the rear bench seat base or the rear seat back to the normal position (depending on the equipment level).