RENAULT

5 Mechanisms and accessories

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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.

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CLIO III - Section 5

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Refitting

Refitting

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SIDE OPENING ELEMENT MECHANISMS Front side door lock: Removal - Refitting



	Tightening torques \bigtriangledown	
lock bolts		8 Nm

REMOVAL

I - REMOVAL PREPARATION OPERATION

Remove:

- the door trim (see **Front side door trim: Removal** - **Refitting**) (MR 393,72A, Side door trim),
- the door lock barrel (see 51A, Side opening element mechanisms, Front side door lock barrel: Removal - Refitting, page 51A-4).



- Open the lock assembly access flap (1) following the marking on the sealing film (see **Door sealing film: Removal - Refitting**) (MR 393, 65A, Door sealing).
- Remove the exterior handle (see 51A, Side opening element mechanisms, Exterior door handle: Removal - Refitting, page 51A-5).



Drill out the rivet (2).

WARNING

Each time a panel is stripped in the workshop (e.g. when drilling), degrease and wipe the area and then use a fine paintbrush to apply out the following anti-corrosion protection materials:

- a pre-treatment primer,
- a two-part primer,
- paint in the vehicle body colour.
- Unclip the handle unit (3).
- □ Remove the door panel exterior handle module (4).



II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Remove the bolts (5).



- Gently lift the lock to extract the retaining hook. (6)
- Remove the exterior handle lock module from the door box section.
- Disconnect the connectors.
- □ Unclip the exterior handle lock module cable.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED



- □ Clip the lock cable to the handle module.
- Fit the lock module assembly into the door box section.
- Position the lock on the door box section retaining hook (7).
- □ Connect the connectors.
- □ Torque tighten the lock bolts (8 Nm).



II - FINAL OPERATION.



□ Clip the module on the door panel.

Note:

When refitting the exterior handle module, check that the universal joint (8) is correctly positioned in the lock.

- Refit:
 - the door lock barrel (see 51A, Side opening element mechanisms, Front side door lock barrel: Removal - Refitting, page 51A-4),
 - the rivet (2) (part no.: 77 03 072 051),
 - the exterior handle (see 51A, Side opening element mechanisms, Exterior door handle: Removal - Refitting, page 51A-5).
- □ Carry out a function test.
- Close the access flap (see Door sealing film: Removal - Refitting) (MR 393, 65A, Door sealing).
- Refit the door trim (see Front side door trim: Removal - Refitting) (MR 393, 72A, Side opening element trim).

2 Nm



Tightening	torques 灾
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lock barrel bolt

REMOVAL

I - REMOVAL PREPARATION OPERATION

□ Unclip the lock barrel unlocking blanking piece.

II - OPERATION FOR REMOVAL OF PART CONCERNED



- Unscrew the locking bolt completely (clockwise or anticlockwise) without removing it.
- □ Remove the lock barrel.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Position the lock barrel.
- □ Torque tighten (clockwise or anticlockwise) the lock barrel bolt (2 Nm).

II - FINAL OPERATION.

- □ Clip in the blanking piece (replace it if necessary).
- □ Carry out an operational test on the lock barrel.



I - REMOVAL PREPARATION OPERATION

- Remove:
 - the door trim (see **Front side door trim: Removal** - **Refitting**) (MR 393,72A, Side opening element trim),
 - the door lock barrel (see 51A, Side opening element mechanisms, Front side door lock barrel: Removal - Refitting, page 51A-4).



Open the access flap (1) for the exterior handle module following the marking on the sealing film (see **Door sealing film: Removal - Refitting**) (MR 393, 65A, Door sealing).

II - OPERATION FOR REMOVAL OF PART CONCERNED

Exterior handle module (view from inside door box section).



Lift up the panel manually (2).



Given States Action Keep it in that position.

 $\hfill\square$ Slide the lever (3) as far as possible.





- □ Remove the exterior handle (5) and (4) .
- Disconnect the connector (depending on equipment level).

REFITTING

I - REFITTING PREPARATIONS OPERATION



 $\hfill\square$ Check the presence and condition of seal (6) .

II - OPERATION FOR REFITTING PART CONCERNED

- Connect the connector (according to the equipment level)
- Insert the front section and rear section of the external door handle.
- Push the exterior handle towards the front of the vehicle.
- Refit the lock barrel (see 51A, Side opening element mechanisms, Front side door lock barrel: Removal - Refitting, page 51A-4).
- □ Carry out a function test.

III - FINAL OPERATION.

- Close the access flap (see Door sealing film: Removal - Refitting) (MR 393, 65A, Door sealing).
- Refit the door trim (see Front side door trim: Removal - Refitting) (MR 393,72A, Side opening element trim).

Front side door electric window mechanism: Removal - Refitting



	1
Tightening torques $igodot$	
window winder mecha-	6.5 N.m
nism bolts	

REMOVAL

I - REMOVAL PREPARATION OPERATION

Remove the front side door trim (see Front side door trim: Removal - Refitting) (72A, Side opening elements trim).



- Open the access flaps (1) and (2) of the window winder mechanism following the marking on the door sealing film (see Door sealing film: Removal Refitting) (65A, Opening element sealing).
- Remove the front side door sliding window (see 54A, Windows, Front side door sliding window: Removal Refitting, page 54A-4) or keep it in the raised position with masking tape.

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Make cuts in the sealing film to access the window winder mechanism bolts (3).

C85



Unclip the window winder mechanism cable (5).

SIDE OPENING ELEMENT MECHANISMS

Front side door electric window mechanism: Removal - Refitting

- □ Remove bolts (3) and (4).
- Disconnect the electric window mechanism supply connector.
- □ Remove the window winder mechanism.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

Note:

Check for the presence of washers on the bolts (6), the bolts (7) and the bolts (8) when refitting the window winder mechanism.

The presence of washers ensures correct tightening.

- Refit the window winder mechanism in the door box section.
- Connect the window winder mechanism supply connector.
- Refit the front side door sliding window glass (see 54A, Windows, Front side door sliding window: Removal - Refitting, page 54A-4).



Note:

When refitting the window winder mechanism, respect the tightening order.

The tightening order ensures the correct alignment of the window winder mechanism and that the window is correctly positioned with the clip.

Torque tighten the window winder mechanism bolts (6.5 N.m) following the tightening order: bolts (6) , bolts (7) and bolts (8) .

C85

Clip on the window winder mechanism cable (5).

□ Carry out a function test.

II - FINAL OPERATION

- Close the access flaps and the cuts in the door sealing film (see Door sealing film: Removal - Refitting) (65A, Opening element sealing).
- Refit the front side door trim (see Front side door trim: Removal - Refitting) (72A, Side opening elements trim).

Initialise the window winder motor (depending on equipment level) (see Electric windows: Initialisation) (87D, Electric windows - Sunroof). Front side door manual window winder mechanism: Removal - Refitting



Tightening torques 灾	
window winder mecha- nism bolts	6.5 N.m

REMOVAL

I - REMOVAL PREPARATION OPERATION

Remove the door trim (see Front side door trim: Removal - Refitting) (72A, Side opening elements trim).



- Open the access flaps (1) and (2) of the window winder mechanism following the marking on the sealing film (see **Door sealing film: Removal - Refitting**) (65A, Opening element sealing).
- Remove the sliding window (see 54A, Windows, Front side door sliding window: Removal - Refitting, page 54A-4) or secure it in the raised position using masking tape.

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Make cuts in the sealing film to access the window winder mechanism bolt (3).

C85



 $\hfill\square$ Unclip the window winder mechanism cable (4) .

- □ Remove:
 - the bolts (3),

SIDE OPENING ELEMENT MECHANISMS

Front side door manual window winder mechanism: Removal - Refitting



- the window winder mechanism.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

Note:

Check for the presence of washers on the bolts (1), the bolts (2) and the bolts (3) when refitting the window winder mechanism.

The presence of washers ensures correct tightening.

Refit:

- the window winder mechanism in the door box section,

- the sliding window (see 54A, Windows, Front side door sliding window: Removal - Refitting, page 54A-4).



Note:

When refitting the window winder mechanism, respect the tightening order.

The tightening order ensures the correct alignment of the window winder mechanism and that the window is correctly positioned with the clip.

Torque tighten the window winder mechanism bolts (6.5 N.m) following the tightening order: bolts (1), bolts (2) and bolts (3).

C85

□ Clip on the window winder mechanism cable.

□ Carry out a function test.

II - FINAL OPERATION

- Close the access flaps and the cuts in the sealing film (see **Door sealing film: Removal - Refitting**) (65A, Opening element sealing).
- Refit the door trim (see Front side door trim: Removal - Refitting) (72A, Side opening elements trim).



B85 or K85

Tightening torques 灾	
lock bolts	8 Nm
dummy lock locking bolt	2 Nm

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Remove the door trim (see Rear side door trim: Removal - Refitting) (MR 393, 72A, Side opening element trim).
- Unclip the access blanking cover at the locking bolt of the dummy lock.



111804

- Loosen the locking bolt completely without removing it.
- □ Remove the dummy lock.



Open the access flap (1) for the lock assembly following the marking on the sealing film (see Door sealing film: Removal - Refitting) (MR 393, 65A, Door sealing).

Note:

Removal of the rear door exterior handle is the same as removing the front door exterior handle

- Remove the exterior rear door handle (see 51A, Side opening element mechanisms, Exterior door handle: Removal - Refitting, page 51A-5).
- Drill the module's rivet on the door panel.

WARNING

Each time a panel is stripped in the workshop (e.g. when drilling), degrease and wipe the area and then use a fine paintbrush to apply the following:

- a pre-treatment primer,
- a two-part primer,
- paint in the vehicle body colour.
- Unclip the exterior handle module.



B85 or K85

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Remove the bolts (2).



- Gently lift the lock to extract the retaining hook. (3)
- Remove the « exterior handle module lock » assembly from the door box section.
- Disconnect the connectors (depending on equipment level).
- □ Unclip the exterior handle lock module cable.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED



- □ Clip the lock cable to the exterior handle module.
- □ Fit the « exterior handle module lock » assembly into the door box section.
- Position the lock on the door box section retaining hook (4).
- Connect the connectors (depending on equipment level).

SIDE OPENING ELEMENT MECHANISMS Rear side door lock: Removal - Refitting



B85 or K85



□ Torque tighten the lock bolts (8 Nm) (5) .

II - FINAL OPERATION.

- □ Clip the module on the door panel.
- □ Fit the dummy lock.
- □ Torque tighten the **dummy lock locking bolt (2 Nm)**.
- □ Fit the access blanking cover to the locking bolt of the dummy lock.
- Rivet the exterior handle module (rivet part no.: 77 03 072 051).
- Refit the door exterior handle (see 51A, Side opening element mechanisms, Exterior door handle: Removal - Refitting, page 51A-5).
- □ Carry out a function test.
- Close the access flap (see Door sealing film: Removal - Refitting) (MR 393, 65A, Door sealing).
- Refit the door trim (see Rear side door trim: Removal - Refitting) (MR 393, 72A, Side opening element trim).

SIDE OPENING ELEMENT MECHANISMS

Rear side door manual window winder mechanism: Removal - Refitting



B85 or K85

Tightening torques 灾	
window winder mecha- nism bolts	6.5 Nm

REMOVAL

I - REMOVAL PREPARATION OPERATION

Remove the door trim (see Rear side door trim: Removal - Refitting) (MR 393, 72A, Side opening element trim).



111945

- Open the flap (1) to gain access to the window lift mechanism as indicated by the marking on the sealing film.
- □ Lower the sliding window to allow access to the window clip.
- **□** Remove the window clip.
- Secure the window in the raised position using masking tape.

II - OPERATION FOR REMOVAL OF PART CONCERNED



- □ Make cuts in the seal to access the window winder mechanism bolts (2).
- □ Remove the bolts (2) and (3).
- □ Remove the window lift mechanism.

REFITTING

I - OPERATION FOR REMOVAL OF PART CONCERNED

- Refit the window lift mechanism in the door box section.
- Desition the sliding window.
- □ Refit the sliding window clip.

SIDE OPENING ELEMENT MECHANISMS

51A

Rear side door manual window winder mechanism: Removal - Refitting

B85 or K85



Note:

When refitting the window lift mechanism, follow the tightening order.

The tightening order ensures the correct alignment of the window lift mechanism and that the window is correctly positioned with the clip.

- Torque tighten the window winder mechanism bolts (6.5 Nm) following the tightening order: bolt (4), bolt (5) and bolts (6).
- □ Carry out a function test.

II - FINAL OPERATION.

- Close the access flap and the cuts in the sealing film (see **Door sealing film: Removal - Refitting**) (MR 393, 65A, Door sealing).
- Refit the door trim (see Rear side door trim: Removal - Refitting) (MR 393, 72A, Side opening element trim).

Rear side door electric window mechanism: Removal - Refitting

B85 or K85

Tightening torques 灾	
window winder mecha- nism mounting bolts	6.5 Nm

REMOVAL

I - REMOVAL PREPARATION OPERATION

Remove the door trim (see Rear side door trim: Removal - Refitting) (MR 393, 72A, Side opening element trim).



111945

- Open the access flap (1) of the window winder mechanism following the marking on the sealing film (see **Door sealing film: Removal - Refitting**) (MR 393, 65A, Door sealing).
- □ Lower the window to allow access to the window mounting clip.
- Unfasten the clip
- Secure the window in the raised position using masking tape.

II - OPERATION FOR REMOVAL OF PART CONCERNED



- □ Make cuts in the sealing film to access the window winder mechanism mounting bolts (2).
- □ Remove the bolts (2) and (3).
- Disconnect the window winder mechanism supply connector.
- □ Remove the window lift mechanism.

REFITTING

I - OPERATION FOR REMOVAL OF PART CONCERNED

- Fit the window winder mechanism in the door box section.
- Connect the window winder mechanism supply connector.
- Reposition the door window.

SIDE OPENING ELEMENT MECHANISMS

Rear side door electric window mechanism: Removal - Refitting

51A

B85 or K85



Note:

When refitting the window winder mechanism, tighten the bolts in the order shown.

The tightening order ensures the correct alignment of the window lift mechanism and that the window is correctly positioned with the clip.

- □ Torque tighten the **window winder mechanism mounting bolts (6.5 Nm)** following the tightening order: bolt (4), bolt (5) and bolt (6).
- □ Carry out a function test.

II - FINAL OPERATION

- Close the access flap and the cuts in the sealing film (see Door sealing film: Removal - Refitting) (MR 393, 65A, Door sealing).
- Refit the door trim (see Rear side door trim: Removal - Refitting) (MR 393, 72A, Side opening element trim).



Tightening torques $\overline{\bigtriangledown}$	
rear mounting bolts of the battery mounting	21 Nm
front mounting bolt of the battery mounting	8 Nm

I - REMOVAL PREPARATION OPERATION

- □ Remove:
 - the wheel arch liners (see 55A, Exterior protection, Front wheel arch liner: Removal - Refitting, page 55A-41),
 - 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-5),
 - the battery (see **Battery: Removal Refitting**) (MR 392, 80A, Battery).



- □ Unclip the power supply fuse support plate at (1).
- □ Pull out the fuse board support (2).



Unclip the thermal protection shield at (3).



- 112218
- $\hfill\square$ Keep the fuse board support held away (4) .
- $\hfill\square$ Remove the heat protection shield (5) and (6) .
- Remove the air filter box (see Air filter unit: Removal - Refitting) (MR 392, 12A, Fuel mixture).

NON-SIDE OPENING ELEMENT MECHANISMS Bonnet release control: Removal - Refitting





- □ Remove the bolts (7).
- □ Unclip the various wiring harnesses.
- □ Remove the battery support.



- □ Remove nuts (8).
- Remove the fuel injection computer without disconnecting it.
- $\hfill\square$ Remove the injection computer support (three nuts).



- □ Remove the nut (9).
- $\hfill\square$ Remove the wiring harness support (10) .



- □ Unclip the expansion bottle (11)
- Position the expansion bottle so that it does not hamper removal of the bonnet release cable.
- Remove the front door sill lining (see Front door sill lining: Removal - Refitting) (MR 393, 71A, Body internal trim).



II - OPERATION FOR REMOVAL OF PART CONCERNED



- □ Remove the bolt (12).
- □ Unclip the bonnet release control.
- □ 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 release cable,
- the cable routing blanking piece,
- the bonnet release control,
- the bolt (13) .

II - FINAL OPERATION.

- Refit:
 - the front door sill lining (see **Front door sill lining: Removal Refitting**) (MR 393, 71A, Body internal trim),
 - the expansion bottle,

NON-SIDE OPENING ELEMENT MECHANISMS Bonnet release control: Removal - Refitting





Refit:

- the wiring harness guide (14),

- the nut (15) .



Refit:

- the fuel injection computer support (three nuts).
- the computer,
- the nuts (16) .



Refit:

- the battery mounting,
- the various cable harnesses,
- the rear mounting bolts of the battery mounting (21 Nm), (17) ,
- the front mounting bolt of the battery mounting (8 Nm), (18) ,
- the air filter box (see **Air filter unit: Removal Re-fitting**) (MR 392, 12A, Fuel mixture),
- the heat shield,
- the power supply fuse board support.
- the battery (see **Battery: Removal Refitting**) (MR 392, 80A, Battery),
- the bonnet catch (see 52A, Non-side opening element mechanisms, Bonnet lock: Removal -Refitting, page 52A-5) ,
- the front bumper (see 55A, Exterior protection, Front bumper: Removal - Refitting, page 55A-1)
- the front wheel arch liners (see **55A**, **Exterior protection**, **Front wheel arch liner: Removal - Refitting**, page **55A-41**).



Tightening torques \bigtriangledown	
bonnet catch bolts	21 Nm

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 bolts (1).



- **Remove the clip (2) using offset adjusting pliers.**
- Unclip the sheath stop from the bonnet opening cable.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Clip on:
 - the clip (2),
 - the bonnet opening cable.
- □ Pretighten the bonnet catch bolts.
- □ Adjust the flush fittings and shut lines on the bonnet.
- □ Tighten to torque the **bonnet catch bolts (21 Nm)**.

II - FINAL OPERATION

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



Tightening torques 灾	
tailgate lock bolts	8 N.m

I - REMOVAL PREPARATION OPERATION



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.
- Remove the tailgate trim (see Tailgate trim: Removal - Refitting) (73A, Non-side opening elements trim).

II - OPERATION FOR REMOVAL OF PART CONCERNED



- □ Remove the tailgate lock bolts (2).
- Partially remove the tailgate lock by pressing on the pre-retaining clip (3).
- Disconnect the tailgate lock connector.
- □ Remove the tailgate lock.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- □ Connect the tailgate lock connector.
- Desition the tailgate lock using the pre-retaining clip.
- □ Torque tighten the tailgate lock bolts (8 N.m).

II - FINAL OPERATION

- □ Carry out a function test.
- Refit the tailgate trim (see Tailgate trim: Removal -Refitting) (73A, Non-side opening elements trim).



I - REMOVAL PREPARATION OPERATION

WARNING

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

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ 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.



I - REMOVAL PREPARATION OPERATION

Remove the tailgate trim (see Tailgate trim: Removal - Refitting) (MR 393, 73A, Non-side opening element trim).

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Access the control via the tailgate interior.



- $\hfill\square$ Squeeze the clips (1) .
- Take out the control.
- Disconnect the connector.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- □ Connect the connector.
- Clip on the tailgate opening control.

II - FINAL OPERATION.

Refit the tailgate trim (see Tailgate trim: Removal -Refitting) (MR 393, 73A, Non-side opening element trim).



PANORAMIC SUNROOF

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



- Unclip the roof opening control using a flat-blade screwdriver (1).
- Disconnect the connectors.

REFITTING

REFITTING OPERATION FOR PART CONCERNED

- □ Connect the connectors.
- □ Clip the sunroof opening control.

NON-SIDE OPENING ELEMENT MECHANISMS Sunroof operating mechanism: Removal - Refitting



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 394, 88C, Airbag and pretensioner).
- Remove the sunroof's mobile panel (see 52A, Nonside opening element mechanisms, Sunroof mobile panel: Removal - Refitting, page 52A-13).
- Disconnect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Remove the headlining (see Headlining: Removal -Refitting) (MR 393, 71A, Body internal trim).



- Disconnect the supply connector (1) from the sunroof motor.
- □ Unclip the wiring harness from the clips.
- □ Protect the vehicle interior.

II - OPERATION FOR REMOVAL OF PART CONCERNED



- □ Protect the sunroof frame using masking tape.
- Cut the cement bead located on the cross member using a cutting wire with two handles (this operation requires two people).



NON-SIDE OPENING ELEMENT MECHANISMS Sunroof operating mechanism: Removal - Refitting



PANORAMIC SUNROOF



□ Begin cutting the cement bead at the rear from one side of the vehicle (2).

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.



- Cut the cement bead (3) at the rear of the vehicle up to the level of the aerial mounting.
- Repeat this operation on the other side before continuing to cut (4) the cement bead.



Note:

On reaching the cross member (5) pass the wire between the cross member and the sunroof operating mechanism.



PANORAMIC SUNROOF

- Remove the sunroof operating mechanism using specific tools:
 - Support: PARV 202,
 - Set of arch supports: APARV 200 ESP.

REFITTING

I - REFITTING PREPARATIONS 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 sunroof operating mechanism.

II - REFITTING OPERATION FOR PART CONCERNED



Position the cement bead at the interior roof panel surround or on the sunroof cassette.

WARNING

When fitting the sunroof, take care not to block the water drainage holes (6).

- Bond the sunroof operating mechanism using the special tools.
- Connect the sunroof motor supply connector.
- □ Equal out the clearances and shut lines.
- □ 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.

- Refit:
 - the headlining (see **Headlining: Removal Refitting**) (MR 393, 71A, Body internal trim),
 - the sunroof's mobile panel (see 52A, Non-side opening element mechanisms, Sunroof mobile panel: Removal - Refitting, page 52A-13).
- Connect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Unlock the airbag computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbag and pretensioners).
- Initialise the sunroof motor (see Electric sunroof: Initialisation)(MR 394, 87D, Electric windows -Sunroof).

NON-SIDE OPENING ELEMENT MECHANISMS Sunroof mobile panel: Removal - Refitting



PANORAMIC SUNROOF

Tightening torques \bigtriangledown	
mobile panel front bolts	5.6 N.m
mobile panel rear bolts	5.6 N.m

REMOVAL

I - REMOVAL PREPARATION OPERATION

□ Open the moving panel.

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Remove the rear bolts (1) from the mobile panel.



Remove:

- the mobile panel front bolts (2),
- the mobile panel (this operation requires two people).

REFITTING

I - REFITTING PREPARATION OPERATION

Note:

When removing and refitting the mobile panel, apply some **HIGH-RESISTANCE THREADLOCK** (see **Vehicle: Parts and consumables for the repair**) (04B, Consumables - Products) to the bolts.

When replacing a mobile panel, replace the bolts with the bolts supplied with the mobile panel.

NON-SIDE OPENING ELEMENT MECHANISMS Sunroof mobile panel: Removal - Refitting



PANORAMIC SUNROOF



Using a LINT-FREE CLOTH soaked in HEPTANE (see Vehicle: Parts and consumables for the repair) (04B, Consumables - Products), clean:

- the upper guide runner (3),
- the operating mechanism (4).
- □ Wipe areas (3) and (4) with a clean, dry LINT-FREE CLOTH.
- Using a fine brush, lightly grease internal areas (3) and (4) only with OPENING ELEMENT GREASE (see Vehicle: Parts and consumables for the repair) (04B, Consumables Products).

II - REFITTING OPERATION FOR PART CONCERNED

- □ Refit the mobile panel (this operation requires two people).
- □ Tighten to torque:
 - the mobile panel front bolts (5.6 N.m),
 - the mobile panel rear bolts (5.6 N.m).
- Initialise the sunroof motor (see Electric sunroof: Initialisation)(87D, Electric windows - Sunroof).



PANORAMIC SUNROOF

Tightening torques \bigtriangledown	
deflector rear bolts	3 Nm
deflector front bolts	3 Nm

REMOVAL

- I REMOVAL PREPARATION OPERATION
- □ Open the sunroof mobile panel.

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Remove:

- bolts (1) and (2) whilst maintaining the deflector at $({\bf 3})$,
- the sunroof deflector.


PANORAMIC SUNROOF

REFITTING

I - REFITTING PREPARATIONS OPERATION

Note:

When removing and refitting the sunroof deflector, apply some high resistance threadlock to the bolts.

When replacing the sunroof deflector, replace the bolts with those supplied with the mobile panel.

II - REFITTING OPERATION FOR PART CONCERNED



- Desition the deflector return spring.
- □ Keep applying pressure to the deflector at (4).
- □ Torque tighten the deflector rear bolts (3 Nm), (5).



Torque tighten the deflector front bolts (3 Nm), (6)



- □ Clean the areas (7) with a lint-free cloth soaked with heptane.
- $\hfill\square$ Wipe the areas (7) with a clean dry, lint-free cloth.
- □ Lightly lubricate the internal areas (7) only, using a fine brush with grease for opening element mechanisms (part no.: 77 11 419 865).



PANORAMIC SUNROOF

III - FINAL OPERATION.

Initialise the sunroof motor (see Electric sunroof: Initialisation)(MR 394, 87D, Electric windows -Sunroof).

NON-SIDE OPENING ELEMENT MECHANISMS Sunroof sun visors: Removal - Refitting



PANORAMIC SUNROOF

Equipment required

Diagnostic tool

Tightening torques 灾

screen mounting bolts

25 Nm

IMPORTANT

Before working on or near a safety system component; make sure that the airbag computer is locked using the **Diagnostic tool**. When this function is activated, all the triggering lines are inhibited and the airbag warning light on the instrument panel is continuously lit (ignition on).

IMPORTANT

Handling the pyrotechnic systems (airbags or pretensioners) near to a heat source or flame is prohibited: there is a risk of triggering the airbags or pretensioners.

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Lock the airbag computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbag and pretensioner).
- Disconnect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Remove the headlining (see Headlining: Removal -Refitting) (MR 393, 71A, Body internal trim).

II - OPERATION FOR REMOVAL OF PART CONCERNED



Remove the sunroof screen from the runners with a rotating movement.



Remove:

- the bolts $(\mathbf{1})$,
- the sunroof screen.

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PANORAMIC SUNROOF

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED



- Desition the screen.
- Torque tighten the screen mounting bolts (25 Nm)
 (2) .
- □ Refit the screen in the runners.

II - FINAL OPERATION.

- Refit the headlining (see Headlining: Removal -Refitting) (MR 393, 71A, Body internal trim).
- Connect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Unlock the airbag computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbag and pretensioners).



Equipment required

Diagnostic tool

IMPORTANT

Before working on or near a safety system component; make sure that the airbag computer is locked using the **Diagnostic tool**. When this function is activated, all the trigger lines are inhibited and the airbag warning light on the instrument panel is continuously lit (with the ignition on).

IMPORTANT

Handling the pyrotechnic systems (airbags or pretensioners) near to a heat source or flame is prohibited: there is a risk of triggering the airbags or pretensioners.

REMOVAL

I - REMOVAL PREPARATION OPERATION

- ❑ Lock the airbag computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbag and pretensioners).
- Disconnect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Remove the headlining (see Headlining: Removal -Refitting) (MR 393, 71A, Body internal trim).

1 - Special features for preparing to remove the front drain pipes

- □ Remove:
 - the centre console (see **57A**, **Interior equipment**, **Centre console: Removal Refitting**, page **57A**-**14**),
 - the dashboard (see **57A**, **Interior equipment**, **Dashboard: Removal Refitting**, page **57A-1**),
 - the front wheel arch liners (see **55A**, **Exterior protection**, **Front wheel arch liner: Removal - Refitting**, page **55A-41**).

2 - Special features for preparing to remove the rear drain pipes

Remove:

- the rear end panel trim (see **Rear end panel lining: Removal - Refitting**) (MR 393, 71A, Body internal trim),
- the rear wheel arch trim (see **Rear wheel arch trim: Removal Refitting**) (MR 393, 71A, Body internal trim),
- the rear wheel arch liner (see 55A, Exterior protection, Rear wheel arch liner: Removal - Refitting, page 55A-43).

II - OPERATION FOR REMOVAL OF PART CONCERNED



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- Retrieve the anti-return valve.
- □ Remove the water drain pipe from inside the vehicle.



REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- 🗅 Turn:
 - the drain pipe correctly in position.
 - the anti-return valve on the drain pipe.

II - FINAL OPERATION.

1 - Special features of the final operation for the rear drain pipes

- Refit:
 - the rear wheel arch liner (see 55A, Exterior protection, Rear wheel arch liner: Removal - Refitting, page 55A-43),
 - the rear wheel arch trim (see **Rear wheel arch trim: Removal Refitting**) (MR 393, 71A, Body internal trim),
 - the rear end panel trim (see **Rear end panel lining: Removal - Refitting**) (MR 393, 71A, Body internal trim).
- Refit the headlining (see Headlining: Removal -Refitting) (MR 393, 71A, Body internal trim).
- Connect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Unlock the airbag computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbag and pretensioners).

2 - Special features for the final operation on the front drain pipes

- Refit:
 - the front wheel arch liners (see **55A**, **Exterior protection**, **Front wheel arch liner: Removal - Refitting**, page **55A-41**),
 - the dashboard (see **57A**, **Interior equipment**, **Dashboard: Removal Refitting**, page **57A-1**),
 - the centre console (see 57A, Interior equipment, Centre console: Removal Refitting, page 57A-14).
- Refit the headlining (see Headlining: Removal -Refitting) (MR 393, 71A, Body internal trim).
- Connect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Unlock the airbag computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbag and pretensioners).



Special tooling required

Instrument panel protector

Car. 1764

WARNING

Leave the rain sensor in place on the old windscreen during the replacement operation.

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Remove:
 - the scuttle panel grille (see 56A, Exterior equipment, Scuttle panel grille: Removal Refitting, page 56A-1),
 - the windscreen trims (see 54A, Windows, Windscreen trim: Removal - Refitting, page 54A-3),
 - the interior rear-view mirror (see 57A, Interior equipment, Interior rear-view mirror: Removal -Refitting, page 57A-21),
 - the A-pillar trims (see Windscreen pillar trim: Removal Refitting) (MR 393, 71A, Body internal trim),

II - OPERATION FOR REMOVAL OF PART CONCERNED



- □ Remove the windscreen upper seal (1).
- Protect the windscreen surround using masking tape.
- Desition the dashboard protector (Car. 1764).





WARNING

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

□ Cut the cement bead.

REFITTING

I - REFITTING PREPARATION OPERATION

- Desition the retaining shims and stops.
- Desition the upper seal on the windscreen.
- □ For preparation and bonding (see Technical Note 560A, General procedure for bonding windows and sunroof).

II - REFITTING OPERATION FOR PART CONCERNED

WARNING

Use high modulus adhesive when bonding the windscreen.

- Bond the windscreen.
- □ This operation requires two people.

WINDOWS Windscreen: Removal - Refitting





□ Respect the following clearances and flush fitting:

- « windscreen roof panel » ,
- « windscreen windscreen aperture pillar » .

III - FINAL OPERATION

- Replace the adhesive base of the rain and light sensor (see Rain and light sensor: Removal Refitting) (MR 392, 85A, Wiping Washing).
- Refit:
 - the interior rear-view mirror (see 57A, Interior equipment, Interior rear-view mirror: Removal -Refitting, page 57A-21),
 - the A-pillar trims (see **Windscreen pillar trim: Removal - Refitting**) (MR 393, 71A, Body internal trim),
 - the windscreen trims (see 54A, Windows, Windscreen trim: Removal - Refitting, page 54A-3),
 - the scuttle panel grille (see 56A, Exterior equipment, Scuttle panel grille: Removal - Refitting, page 56A-1).



REMOVAL

I - REMOVAL PREPARATION OPERATION

Remove the scuttle panel grille (see 56A, Exterior equipment, Scuttle panel grille: Removal - Refitting, page 56A-1).

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Remove the clips (1).



Carefully unclip the windscreen trim.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED



- □ Check the condition of the fixing clips and replace them if necessary.
- □ Align the pin (2) on the indent (3) to position the trim piece.
- □ Unclip the windscreen trim piece.
- Refit the clips (1).

II - FINAL OPERATION.

□ Refit the scuttle panel grille (see 56A, Exterior equipment, Scuttle panel grille: Removal - Refitting, page 56A-1).

WINDOWS

Front side door sliding window: Removal - Refitting



Note:

If the window is broken, replace the sealing film (see **Door sealing film: Removal - Refitting**) (MR 393, 65A, Door sealing).

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Remove:
 - the door trim (see **Front side door trim: Removal** - **Refitting**) (MR 393,72A, Side opening element trim),
 - the interior weatherstrip.

II - OPERATION FOR REMOVAL OF PART CONCERNED



- 111935
- Open the window lift mechanism access according to the marking on the sealing film.
- □ Lower the window in order to access the clips (1) on the sliding window.



 $\hfill\square$ Remove the clips from the sliding window (1) .



□ Remove the front side sliding door window.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Refit:
 - the sliding window,
 - the sliding window clips.
- □ Carry out a function test.

Front side door sliding window: Removal - Refitting

54A

II - FINAL OPERATION.

- Close the access flaps or replace (if the window is broken) the sealing film (see Door sealing film: Removal - Refitting) (MR 393, 65A, Door sealing).
- Refit:
 - the interior weatherstrip,
 - the door trim (see **Front side door trim: Removal** - **Refitting**) (MR 393,72A, Side opening element trim).

WINDOWS

Rear side door sliding window: Removal - Refitting



B85 or K85

Note:

If the window is broken, replace the sealing film (see **Door sealing film: Removal - Refitting**) (MR 393, 65A, Door sealing).

REMOVAL

I - REMOVAL PREPARATION OPERATION

Remove the rear door trim (see Rear side door trim: Removal - Refitting) (MR 393, 72A, Side opening element trim).





- Open the access flap at the window lift mechanism according to the marking on the sealing film.
- Lower the window to access the sliding window clip(1) .



□ Remove the interior weatherstrip.

II - OPERATION FOR REMOVAL OF PART CONCERNED



- \Box Remove the sliding window clip (1).
- □ Fit the window at the bottom of the door box section.

WINDOWS Rear side door sliding window: Removal - Refitting



B85 or K85



111951

□ Remove the rear side door glass run channel (see Rear side door window run channel: Removal -Refitting) (MR 393, 66A, Window sealing).



□ Remove the rear side door's sliding window.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

□ Fit:

- the rear side door's sliding window at the bottom of the door box section,
- the rear side door glass run channel (see Rear side door window run channel: Removal - Refitting) (MR 393, 66A, Window sealing), take care not to damage the outer weatherstrip,
- the sliding window on the window winder mechanism.
- the sliding window clip.

Carry out a function test.

II - FINAL OPERATION.

- Close the access flaps or replace (if the window is broken) the sealing film (see Door sealing film: Removal - Refitting) (MR 393, 65A, Door sealing).
- C Refit:
 - the interior weatherstrip,
 - the rear door trim (see Rear side door trim: Removal - Refitting) (MR 393, 72A, Side opening element trim).

WINDOWS

Rear quarter panel window: Removal - Refitting



C85 or K85 or S85

REMOVAL

I - REMOVAL PREPARATION OPERATION

C85 or S85

Remove:

- the rear wing panel trim (see **Rear panel lining: Removal Refitting**) (71A, Body internal trim),
- the rear roof drip moulding trim (see **Side roof rail rear trim: Removal Refitting**) (71A, Body internal trim),
- the upper trim of the C-pillar (see **C-pillar upper trim: Removal Refitting**) (71A, Body internal trim).

K85

Remove:

- the rear inner sill upper trim (see **Rear inner sill upper trim: Removal Refitting**) (71A, Body internal trim),
- the rear parcel shelf side trim (see **Rear parcel shelf side trim: Removal Refitting**) (71A, Body internal trim).
- Remove the rear quarter panel trim (see Quarter panel trim: Removal Refitting) (71A, Body internal trim).

II - OPERATION FOR REMOVAL OF PART CONCERNED

C85 or S85



WINDOWS Rear quarter panel window: Removal - Refitting



C85 or K85 or S85



- Protect the edges of the quarter panel window using masking tape.
- □ Cut the cement bead (see Technical Note 560A).

REFITTING

I - REFITTING PREPARATION OPERATION

C85 or S85



- □ Replace the seal (1) if necessary (if fitted to the vehicle).
- □ Always replace the stops.
- □ For preparation and bonding (see **Technical Note 560A**).

II - OPERATION FOR REFITTING PART CONCERNED

- D Bond the rear quarter panel window.
- □ Equal out the clearances and shut lines.
- Remove the tabs from the stops when the adhesive has dried.

III - FINAL OPERATION.

Refit the rear quarter panel trim (see Quarter panel trim: Removal - Refitting) (71A, Body internal trim).

C85 or S85

Refit:

- the upper trim of the C-pillar (see **C-pillar upper trim: Removal Refitting**) (71A, Body internal trim).
- the rear roof drip moulding trim (see **Side roof rail rear trim: Removal Refitting**) (71A, Body internal trim),

WINDOWS

Rear quarter panel window: Removal - Refitting

ternal trim).



C85 or K85 or S85
- the rear wing panel trim (see Rear panel lining: Removal - Refitting) (71A, Body internal trim).
K85
Remove:
- the rear parcel shelf side trim (see Rear parcel shelf side trim: Removal - Refitting) (71A, Body internal trim),
- the rear inner sill upper trim (see Rear inner sill upper trim: Removal - Refitting) (71A, Body in-

WINDOWS

Rear side door fixed window: Removal - Refitting



B85 or K85

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Remove
 - Remove the rear door trim (see **Rear side door trim: Removal Refitting**) (MR 393, 72A, Side opening element trim),
 - Remove the sliding window from the rear side door. (see 54A, Windows, Rear side door sliding window: Removal - Refitting, page 54A-6).



- **□** Remove the rivets (1) using a 5 mm diameter drill bit.
- Retrieve any rivets that may have fallen into the door box section.



 $\hfill\square$ Remove the fixed upright channel (2) .

Note:

In the case of right-hand drive vehicles, unclip the fixed window clip underneath the seal at (3).

II - OPERATION FOR REMOVAL OF PART CONCERNED



Unclip the clips (4) using a scratch awl or a small flat-blade screwdriver.

WINDOWS Rear side door fixed window: Removal - Refitting



B85 or K85





- Remove the exterior weatherstrip rear side door fixed window assembly.
- □ Release the fixed window from the frame seal.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- Refit:
 - the fixed window in the frame seal,

- the exterior weatherstrip - rear side door fixed window assembly.

II - FINAL OPERATION.

- 🗅 Fit:
 - the fixed upright channel,
 - the rivets.
- □ Clip the exterior weatherstrip on to the door.
- Refit the sliding window in the rear side door (see 54A, Windows, Rear side door sliding window: Removal - Refitting, page 54A-6).
- Refit the rear side door trim (see Rear side door trim: Removal - Refitting) (MR 393, 72A, Side opening element trim).

WINDOWS Rear screen: Removal - Refitting



REMOVAL

I - REMOVAL PREPARATION OPERATION

- □ Remove:
 - the tailgate trim (see **Tailgate trim: Removal Re-fitting**) (73A, Non-side opening elements trim),
 - the rear screen wiper arm (see **Rear screen wiper arm: Removal - Refitting**) (85A, Washing - Wiping),
 - the rear screen wiper motor (see **Rear screen wiper motor: Removal - Refitting**) (85A, Washing -Wiping).

B85 or C85 or S85

- Remove the high level brake light (see 3rd brake light: Removal - Refitting) (81A, Rear lighting).
- Disconnect the de-icing connectors.

REAR SPOILER

Remove the tailgate spoiler (see 56A, Exterior equipment, Tailgate spoiler: Removal - Refitting, page 56A-3). ____

K85



 $\hfill\square$ Remove the side seals (1) .

II - OPERATION FOR REMOVAL OF PART CONCERNED

B85 or C85 or S85



WINDOWS Rear screen: Removal - Refitting







REMOVAL

I - REMOVAL PREPARATION OPERATION

□ Protect the edges of the trim with masking tape.

II - OPERATION FOR REMOVAL OF PART CONCERNED

Note:

Fixed side trims may be removed in one of two ways, depending on the bonding method used (OE trim or replacement trim).

To know which method to use, perform a test, using the OE trim removal method, if cutting is too difficult, use the replacement trim removal method.

1 - Removing the side trim from the sunroof (OE component)

Remove the sunroof's mobile panel (see 52A, Nonside opening element mechanisms, Sunroof mobile panel: Removal - Refitting, page 52A-13).



Cut the cement bead using a flat chisel (1) slid between the sunroof operating mechanism and the trim.

2 - Removing the side trim from the sunroof (replacement component)

□ Cut the cement bead using a cutting wire with two handles.

REFITTING

I - REFITTING PREPARATION OPERATION

For preparation and bonding (see Technical Note 560A, General window bonding procedure, Windows).

II - REFITTING OPERATION FOR PART CONCERNED

WARNING

It is essential to use « high Modulus » adhesive for bonding the sunroof's side trim.

- Bond the trim.
- □ Respect the clearances and shut lines.

III - FINAL OPERATION

final operation in refitting the sunroof side trim (OE component)

- Refit the mobile panel to the sunroof (see 52A, Nonside opening element mechanisms, Sunroof mobile panel: Removal - Refitting, page 52A-13).
- Initialise the sunroof motor (see MR 394 Fault finding, 87D, Electric window - sunroof, Electric sunroof: Initialisation).

WINDOWS Sunroof fixed window: Removal - Refitting



Equipment required

Diagnostic tool

IMPORTANT

Before carrying out any work on or near a safety system component, 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 is continuously lit (with the ignition on).

IMPORTANT

It is forbidden to work on pyrotechnic systems (pretensioner or airbag) near a source of heat or a naked flame: there is a risk of the airbags or pretensioners being triggered.

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Lock the airbag computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbag and pretensioners).
- Disconnect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Remove the headlining (see Headlining: Removal -Refitting) (MR 393, 71A, Body internal trim).
- Protect:

- the sunroof's fixed window surround and the rear section of the roof using masking tape,

- the inside of the vehicle.

II - OPERATION FOR REMOVAL OF PART CONCERNED



- Begin cutting the cement bead.
- □ This operation requires two people.
- □ Remove the fixed window from the sunroof.

REFITTING

I - REFITTING PREPARATION OPERATION

- □ For preparation and bonding (see Technical Note 560A, General procedure for bonding windows and sunroof).
- Position the new positioning shims on the sunroof operating mechanism.

II - REFITTING OPERATION FOR PART CONCERNED

WARNING

It is essential to use high modulus adhesive for bonding the sunroof's fixed window.

- Bond the sunroof's fixed window using special tools:
 - Support: PARV 202,
 - Set of arch supports: APARV ESP.
- □ This operation requires two people.



Respect the clearances and shut lines



- □ Observe the clearance between the sunroof's fixed window (1) and mobile panel (2), (8 mm).
- □ 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 393, 71A, Body internal trim).
- Connect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Unlock the airbag computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbag and pretensioners).



REMOVAL

I - REMOVAL PREPARATION OPERATION

Position the vehicle on a two-post lift (see Vehicle: Towing and lifting) (MR392, 02, Lifting equipment).



□ Remove:

- the lower bolts (1) .
- the front parts of the front wheel arch liners (see 55A, Exterior protection, Front wheel arch liner: Removal Refitting, page 55A-41).



Disconnect the connector (2) (depending on equipment level).

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Remove the bolts (3).



 $\hfill\square$ Remove the bolts and clips (4) .

EXTERIOR PROTECTION Front bumper: Removal - Refitting





- □ Unclip the side sections of the front bumper.
- Remove the front bumper unit (this operation requires two people).
- Disconnect the headlight washer jet supply (depending on equipment level).

REFITTING

I - REFITTING PREPARATION OPERATION

Note:

During a replacement operation, order the front bumper according to the mark **(6)** on the front wing of the vehicle:

- tyre size smaller than or equal to **185** = mark on front wing **(6)** which reads **185**,

-tyre size **195** = mark on front wing **(6)** which reads **195**.



Unclip the trim (5).



□ Check the tyre size (6) .

II - REFITTING OPERATION FOR PART CONCERNED

- Reconnect the headlight washer jet supply (depending on equipment level).
- Refit the front bumper unit (this operation requires two people).

EXTERIOR PROTECTION Front bumper: Removal - Refitting





□ Refit the bolts (7).



 $\hfill\square$ Refit the bolts and clips (8) .



Refit the bolts (9).

III - FINAL OPERATION.



- Reconnect the connector (10) (depending on equipment level).
- Test all of the functions with a function test (depending on equipment level).
- □ Refit the front parts of the front wheel arch liners (see 55A, Exterior protection, Front wheel arch liner: Removal Refitting, page 55A-41).



HEADLIGHT WASHERS WITH BLADE

ADAPTATION

Note:

When a front bumper is replaced, the replacement part needs to be modified before it is painted so that the headlight washer jets can be fitted.



Make the conversion using the special tool (part no: 77 11 419 232).



EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA4 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 1

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 bolts (1).
- $\hfill\square$ Disconnect the connectors (2) .
- □ Remove the fog lights.
- □ Note the wiring harness position.
- □ Remove the wiring harness.



- Unclip the clips (3).
- Remove the headlight washer jets (depending on the equipment level).
- Note the position of the headlight washer jet pipes (depending on equipment level).



Unclip the clips (4).



EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA4 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 1



□ Unclip the impact strips (5).



Unclip:

- the clips $({\bf 6})$,
- the fog light supports.



- Remove:
 - the bolts $(\mathbf{7})$,
 - the front badge.

hot climate vehicle



□ Unclip the stone guard grille.



EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA4 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 1



Unclip the absorber (8).



Unclip the stiffener.



- $\hfill\square$ Unclip the radiator half-grilles (9) .
- □ Remove the radiator half-grilles.



- Drill out rivets (10).
- □ Remove the sump.



- Unclip the clips (11).
- □ Remove the front bumper bottom grille.
- Unclip the clips (12).
- Remove the lower trim.



EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA4 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 1

REBUILDING

I - REBUILDING OPERATION FOR PART CONCERNED



- Position the lower trim strip.
- Drill a hole at the position (13) of each of the clips using a 4.5 mm drill bit.
- □ Rivet the lower trim.
- Refit the lower cover.
- □ Insert rivets into the lower cover.
- □ Clip in the lower grille.
- □ Refit the fog light supports.
- Clip on:
 - the clips (6),
 - the impact strips,
 - the radiator half-grilles,
 - the stiffener,
 - the absorber,
 - the stone guard grille (hot climate vehicle).
- Refit:
 - the front badge,
 - the bolts (7),
 - the headlight washer jets (depending on the equipment level),
 - the clips (3) (depending on the equipment level),
 - the headlight washer jet pipes (depending on the equipment level),
 - the fog light wiring harness (depending on the equipment level),

- the fog lights (depending on the equipment level),
- the bolts (1).
- Connect the connectors.
- **II FINAL OPERATION.**
- Refit the front bumper (see 55A, Exterior protection, Front bumper: Removal Refitting, page 55A-1).



EQUIPMENT LEVEL SPORT, and DOCUMENTATION PHASE 1

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 bolts (1).
- $\hfill\square$ Disconnect the connectors (2) .
- □ Remove the fog lights.
- □ Note the wiring harness position.
- **□** Remove the wiring harness.



- Unclip the clips (3).
- □ Remove the headlight washer jets.
- □ Store the position of the headlight washer pipes.



- □ Remove the bolts (4).
- □ Remove the front badge.



EQUIPMENT LEVEL SPORT, and DOCUMENTATION PHASE 1



□ Unclip the absorber (5).



□ Unclip the stiffener.



- $\hfill\square$ Unclip the radiator half-grilles (6) .
- □ Remove the radiator half-grilles.



- Unclip:
 - the clips $\left(7\right)$,
 - the fog light supports.



- Unclip the clips.
- $\hfill\square$ Remove the lower grille (8) .



EQUIPMENT LEVEL SPORT, and DOCUMENTATION PHASE 1



Unclip the lower trim piece.



- Drill out the rivets (9).
- Remove the sump.

REBUILDING

I - REBUILDING OPERATION FOR PART CONCERNED

□ Refit and rivet the lower cover.



- Clip:
 - the lower trim strip starting with the centre of the part $({\bf 10})$,
 - the lower grille.
- □ Refit the fog light supports.
- Clip:
 - the clips (7),
 - the radiator half-grilles,
 - the stiffener,
 - the absorber.
- Refit:
 - the front badge,
 - the bolts (4),
 - the headlight washer jets,
 - the clips (3),
 - the fog light wiring harness,
 - the fog lights,
 - the bolts (1).
- □ Connect the connectors.

II - FINAL OPERATION

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

55A

EQUIPMENT LEVEL EAG

Equipment required

rivet gun

STRIPPING

I - STRIPPING PREPARATION OPERATION

- Position the vehicle on a two-post lift (see Vehicle: Towing and lifting) (02A, Lifting equipment).
- □ Remove:
 - the front wheels (see **Wheel: Removal Refitting**) (35A, Wheels and tyres),
 - the front wheel arch liners (see **55A**, **Exterior protection**, **Front wheel arch liner: Removal - Refitting**, page **55A-41**),
 - the front bumper (see 55A, Exterior protection, Front bumper: Removal - Refitting, page 55A-1)

II - STRIPPING OPERATION FOR PART CONCERNED

- □ Remove:
 - the front bumper wiring (see Front bumper wiring: Removal - Refitting) (88A, Wiring),
 - the front fog lights (see **Front fog light: Removal - Refitting**) (80B, Headlights).

HEADLIGHT WASHERS WITH BLADE

- Remove the headlight washer jets (see Headlight washer jet: Removal - Refitting) (85A, Wiping -Washing).
- Mark the position of the headlight washer jet pipe on the front bumper.
- Remove the headlight washer jet pipe from the front bumper.



Unclip the absorber at (1) by pressing the clips (2).

Remove the absorber.



- □ Remove the front badge bolts (3).
- Cut the front bumper clips (4).
- Unclip:
 - the front badge,
 - the stiffener by pressing the clips (5).



EQUIPMENT LEVEL EAG



- □ Unclip the blanking covers by pressing the clips (6).
- $\hfill\square$ Remove the blanking covers at (7) .



- □ Unclip the impact strips by pressing the clips.
- Remove the impact strips from the front of the front bumper, starting with the side impact strips.



- Drill the rivets out.
- □ Remove the diffuser (8) .



Remove:

- the front fog light mounting clips $({\boldsymbol{9}})$,
- the front fog light mountings at $({\bf 10})$.


EQUIPMENT LEVEL EAG



□ Unclip the upper radiator grille by pressing the clips.

□ Remove the upper radiator grille at (11).



Unclip the lower radiator grille by pressing the clips.
Remove the lower radiator grille at (12).



□ Remove the bolts (13) from the side spoilers.



- Drill out the rivets (14).
- $\hfill\square$ Remove the centre spoiler (15) .



EQUIPMENT LEVEL EAG



- Drill out the rivets of the side spoilers (16) .
- Remove:
 - the side spoilers (17),
 - the side spoiler mountings.



Drill out the rivets (18).

□ Remove the centre spoiler mounting at (19).

REBUILDING

I - REBUILDING PREPARATION OPERATION

- □ parts always to be replaced: front bumper rivet (50,05,02,18).
- □ parts always to be replaced: Front bumper clip (50,05,02,17).

Check the clips of the front fog light mountings, and replace them if necessary.

II - REBUILDING OPERATION FOR PART CONCERNED

- □ Refit and rivet the centre spoiler mounting using the **rivet gun**.
- □ Refit the side spoiler mountings.
- $\hfill\square$ Refit and rivet using the **rivet gun** :
 - the side spoilers,
 - the centre spoiler.
- Clip:
 - the lower radiator grille,
 - the upper radiator grille.
- □ Refit the front fog light mountings.
- □ Refit and rivet the diffuser using the **rivet gun**.
- Clip:
 - the impact strips on the front bumper,
 - the blanking covers,
 - the stiffener,
 - the front badge.
- Attach the stiffener using new front bumper clips.
- □ Refit the front badge bolts.
- □ Clip the absorber into place.

HEADLIGHT WASHERS WITH BLADE

Refit:

- the headlight washer jet pipe on the bumper as marked before removal,
- the headlight washer jets (see **Headlight washer** jet: Removal Refitting) (85A, Wiping Washing).

Refit:

- the front fog lights (see Front fog light: Removal Refitting) (80B, Headlights),
- the front bumper wiring (see Front bumper wiring: Removal - Refitting) (88A, Wiring).



EQUIPMENT LEVEL EAG

III - FINAL OPERATION

Refit:

- the front bumper (see **55A**, **Exterior protection**, **Front bumper: Removal Refitting**, page **55A-1**)
- the front wheel arch liners (see **55A**, **Exterior protection**, **Front wheel arch liner: Removal - Refitting**, page **55A-41**),
- the front wheels (see **Wheel: Removal Refitting**) (35A, Wheels and tyres).



EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 2

STRIPPING

I - STRIPPING PREPARATION OPERATION

- Position the vehicle on a two-post lift (see Vehicle: Towing and lifting) (02A, Lifting equipment).
- □ Remove:
 - the front wheels (see **Wheel: Removal Refitting**) (35A, Wheels and tyres),
 - the front wheel arch liners (see **55A**, **Exterior protection**, **Front wheel arch liner: Removal - Refitting**, page **55A-41**),
 - the front bumper (see **55A**, **Exterior protection**, **Front bumper: Removal Refitting**, page **55A-1**)

II - STRIPPING OPERATION FOR PART CONCERNED

FOG LIGHTS

- Remove:
 - the front bumper wiring (see Front bumper wiring: Removal - Refitting) (88A, Wiring),
 - the front fog lights (see **Front fog light: Removal - Refitting**) (85A, Wiping Washing).

FOG LIGHTS, and HEADLIGHT WASHERS WITH BLADE

- Remove the headlight washer jets (see Headlight washer jet: Removal Refitting) (80B, Headlights).
- □ Mark the position of the headlight washer jet pipe on the front bumper.
- Remove the headlight washer jet pipe from the front bumper.

EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5



Detach the lower centre trim piece from the front bumper at (1).



 $\hfill\square$ Unclip (2) the absorber by pressing the clips (3) .



EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 2



- □ Remove the bolts (4).
- $\hfill\square$ Cut the front bumper clips (5) .
- Unclip:
 - the front badge,
 - the stiffener by pressing the clips $({\bf 6})$.



- □ Unclip the blanking covers by pressing the clips (7) .
- $\hfill\square$ Remove the blanking covers at (8) .



- □ Unclip the impact strips by pressing the clips.
- Remove the impact strips from the front of the front bumper, starting with the side impact strips.



- Drill the rivets out.
- $\hfill\square$ Remove the diffuser (9) .



EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 2



□ Remove:

- the clips (10) ,
- the front fog light trims (11) .

FOG LIGHTS



Remove:

- the clips $({\bf 10})$,

- the front fog light mountings (12) .



□ Unclip the upper grille by pressing the clips.

 $\hfill\square$ Remove the upper grille at (13) .



- Unclip the centre grille by pressing the clips.
- $\hfill\square$ Remove the centre grille at (14) .



EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 2



□ Remove:

- the spoiler clips,
- the spoiler $({\bf 15})$.

REBUILDING

I - REBUILDING PREPARATION OPERATION

- □ parts always to be replaced: front bumper rivet (50,05,02,18).
- □ parts always to be replaced: Front bumper clip (50,05,02,17).

EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5

- □ parts always to be replaced: Front bumper trim (50,05,02,08).
- Use a LINT-FREE CLOTH with HEPTANE (see Vehicle: Parts and consumables for the repair) (04B, Consumables Products) to clean the part of the front bumper in contact with the lower centre trim piece.
- Use a clean and dry LINT-FREE CLOTH (see Vehicle: Parts and consumables for the repair) (04B, Consumables - Products) to wipe the part of the front bumper in contact with the lower centre trim piece.
- Check the clips of the front fog light trims, and replace them if necessary.

FOG LIGHTS

□ Check the clips of the front fog light mountings, and replace them if necessary.

II - REBUILDING THE PART CONCERNED

- Position the spoiler.
- Drill a hole at the position of each clip using a 4.5 mm drill bit.
- Rivet the spoiler.
- Clip:
 - the lower radiator grille,
 - the upper radiator grille.

FOG LIGHTS

- □ Refit the front fog light mountings.
- □ Refit the front fog light trims.
- □ Refit and rivet the diffuser.
- Clip:
 - the impact strips,
 - the blanking covers,
 - the stiffener,
 - the front badge.
- Attach the stiffener using new front bumper clips.
- □ Refit the front badge bolts.
- □ Clip the absorber into place.

EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5

□ Bond a new lower centre trim piece on the front bumper.



EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 2

FOG LIGHTS, and HEADLIGHT WASHERS WITH BLADE

- Refit:
 - the headlight washer jet pipe on the front bumper as marked during removal,
 - the headlight washer jets (see **Headlight washer** jet: Removal Refitting) (85A, Wiping Washing).

FOG LIGHTS

Refit:

- the front fog lights (see **Front fog light: Removal - Refitting**) (80B, Headlights).
- the front bumper wiring (see Front bumper wiring: Removal - Refitting) (88A, Wiring).

III - FINAL OPERATION

Refit:

- the front bumper (see **55A**, **Exterior protection**, **Front bumper: Removal Refitting**, page **55A-1**)
- the front wheel arch liners (see **55A**, **Exterior protection**, **Front wheel arch liner: Removal - Refitting**, page **55A-41**),
- the front wheels (see **Wheel: Removal Refitting**) (35A, Wheels and tyres).



EQUIPMENT LEVEL EAC or EQUIPMENT LEVEL SPORT, and DOCUMENTATION PHASE 2

Equipment required

rivet gun

STRIPPING

I - STRIPPING PREPARATION OPERATION

- Position the vehicle on a two-post lift (see Vehicle: Towing and lifting) (02A, Lifting equipment).
- □ Remove:
 - the front wheels (see **Wheel: Removal Refitting**) (35A, Wheels and tyres),
 - the front wheel arch liners (see 55A, Exterior protection, Front wheel arch liner: Removal - Refitting, page 55A-41),
 - the front bumper (see 55A, Exterior protection, Front bumper: Removal - Refitting, page 55A-1)

II - STRIPPING OPERATION FOR PART CONCERNED

FOG LIGHTS

Remove:

- the front bumper wiring (see Front bumper wiring: Removal - Refitting) (88A, Wiring),
- the front fog lights (see **Front fog light: Removal - Refitting**) (80B, Headlights).

HEADLIGHT WASHERS WITH BLADE

- Remove the headlight washer jets (see Headlight washer jet: Removal - Refitting) (85A, Wiping -Washing).
- □ Mark the position of the headlight washer jet pipe on the front bumper.
- Remove the headlight washer jet pipe from the front bumper.



Unclip the absorber (1) by pressing on the clips (2).

WITHOUT ADDITIONAL HEADLIGHTS



□ Unclip the front fog light trims by pressing on the clips (3).



EQUIPMENT LEVEL EAC or EQUIPMENT LEVEL SPORT, and DOCUMENTATION PHASE 2



□ Remove the front fog light trims at (4).



□ Unclip the tow eye flap (5).



□ Remove the tow eye flap.



- Remove:
 - the bolts (6),
 - the front badge.



Unclip the stiffener.



EQUIPMENT LEVEL EAC or EQUIPMENT LEVEL SPORT, and DOCUMENTATION PHASE 2



- Drill the rivets out.
- $\hfill\square$ Remove the diffuser (7) .



- Drill the rivets out.
- □ Remove the aerodynamic fins (8).



- Remove the bolts.
- Unclip the centre grille (9).



- Remove:
 - the bolts,
 - the centre trim of the front bumper (10) .



- Drill the rivets out.
- Remove:
 - the pins,
 - the upper trim of the front bumper $({\bf 11})$.

REBUILDING

I - REBUILDING PREPARATION OPERATION

□ parts always to be replaced: front bumper rivet (50,05,02,18).

EXTERIOR PROTECTION

Front bumper: Stripping - Rebuilding



EQUIPMENT LEVEL EAC or EQUIPMENT LEVEL SPORT, and DOCUMENTATION PHASE 2	
 II - REBUILDING OPERATION FOR PART CONCERNED Refit and rivet the upper trim of the front bumper using a rivet gun. 	 - the front wheel arch liners (see 55A, Exterior pro- tection, Front wheel arch liner: Removal - Refit- ting, page 55A-41) , - the front wheels (see Wheel: Removal - Refitting)
 Refit the front bumper centre trim. 	(35A, Wheels and tyres).
□ Clip on the centre grille.	
Refit and rivet using a rivet gun :	
- the aerodynamic fins,	
- the diffuser.	
Clip on the stiffener.	
Refit:	
- the front badge,	
- the tow eye flap.	
WITHOUT ADDITIONAL HEADLIGHTS	
Refit the fog light trims (4).	
□ Refit the absorber <i>(1)</i> .	
HEADLIGHT WASHERS WITH BLADE	
Refit:	
- the headlight washer jet pipe on the front bumper,	
- the headlight washer jets (see Headlight washer jet: Removal - Refitting) (85A, Wiping - Washing).	
FOG LIGHTS	
Refit:	
 the front fog lights (see Front fog light: Removal - Refitting) (80B, Headlights), 	
- the front bumper wiring (see Front bumper wir- ing: Removal - Refitting) (88A, Wiring).	
J	
III - FINAL OPERATION	
□ Refit:	
- the front bumper (see 55A , Exterior protection , Front bumper: Removal - Refitting , page 55A-1)	



EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA4 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 1 – EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5 or EQUIPMENT LEVEL EAG, and DOCUMENTATION PHASE 2

Special tooling required

Car. 1363

Set of trim removal levers.

REMOVAL

I - REMOVAL PREPARATION OPERATION

 Remove the rear wing lights (see Rear wing light: Removal - Refitting) (81A, Rear lighting).



 $\hfill\square$ Disconnect the rear bumper wiring connector (1) .

- Position the vehicle on a two-post lift (see Vehicle: Towing and lifting) (02A, Lifting equipment).
- Remove:
 - the rear wheels (see **Wheel: Removal Refitting**) (35A, Wheels and tyres),
 - the rear wheel arch liners (see **55A**, **Exterior protection**, **Rear wheel arch liner: Removal - Refitting**, page **55A-43**).

II - OPERATION FOR REMOVAL OF PART CONCERNED

EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA4 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 1 – EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 2



Remove the bolt (2) .



EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA4 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 1 – EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5 or EQUIPMENT LEVEL EAG, and DOCUMENTATION PHASE 2



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□ Remove the bolt (3).



□ Remove the bolts (4).



- Remove:
 - the clips (5)
 - the stops $(\mathbf{6})$.



- Protect the bumper and rear wing using masking tape at (7).
- □ Unclip the rear bumper from the side pressure pieces at the top (8) using a flat-blade screwdriver.



EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA4 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 1 – EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5 or EQUIPMENT LEVEL EAG, and DOCUMENTATION PHASE 2



- Keep the rear bumper away using the tool (Car. 1363).
- □ Unclip the rear bumper at (9).



- □ Keep the rear bumper away using the tool (Car. 1363).
- Unclip the rear bumper at (10).



- $\hfill\square$ Unclip the rear bumper at (11) .
- Remove the rear bumper(this operation requires two people).

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

Refit the rear bumper (this operation requires two people).

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□ Clip on the rear bumper at (11).

 $\hfill\square$ Clip on the side sections of the rear bumper.



EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA4 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 1 – EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5 or EQUIPMENT LEVEL EAG, and DOCUMENTATION PHASE 2

EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA4 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 1 – EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 2

Refit the bolt (2).

EQUIPMENT LEVEL EAG

- Refit the bolt (3).
- Refit:
 - the bolts (4)
 - the clips (5),
 - the stops (6).

II - FINAL OPERATION

- Connect the rear bumper wiring connector (1).
- Refit the rear wing lights (see Rear wing light: Removal - Refitting) (81A, Rear lighting).
- □ Test all of the functions with a function test (depending on equipment level).
- Refit:
 - the rear wheel arch liners (see 55A, Exterior protection, Rear wheel arch liner: Removal - Refitting, page 55A-43),
 - the rear wheels (see **Wheel: Removal Refitting**) (35A, Wheels and tyres).



EQUIPMENT LEVEL EAC or EQUIPMENT LEVEL SPORT

Special tooling required

Car. 1363

63 Set of trim removal levers.

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Position the vehicle on a two-post lift (see Vehicle: Towing and lifting) (02A, Lifting equipment).
- Remove:
 - the rear wheel arch liners (see 55A, Exterior protection, Rear wheel arch liner: Removal - Refitting, page 55A-43),
 - the rear wing lights (see **Rear wing light: Removal - Refitting**) (81A, Rear lighting).

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Remove the nuts (1).



□ Remove the bolt (2).



- Remove the clips (3).
- Remove the stops (4).



EQUIPMENT LEVEL EAC or EQUIPMENT LEVEL SPORT



- □ Protect the bumper and rear wing using masking tape at (5).
- □ Unclip the bumper from the side pressure pieces at the top (6) using a flat-blade screwdriver.



- □ Keep the bumper away using (Car. 1363).
- Unclip bumper (7).



- □ Keep the bumper away using (Car. 1363).
- Unclip bumper (8).
- Perform the same operation on both sides of the vehicle.
- □ Remove the bumper (this operation requires two people).
- Disconnect the connectors.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- □ Connect the connectors.
- Refit the rear bumper (this operation requires two people).



EQUIPMENT LEVEL EAC or EQUIPMENT LEVEL SPORT



□ Refit the nuts (9).



Refit the bolts (10).



Refit:

- the clips $(\mathbf{11})$,
- the stops (12) .

II - FINAL OPERATION

Refit:

- the rear wing lights (see **Rear wing light: Removal - Refitting**) (81A, Rear lighting),
- the rear wheel arch liners (see **55A**, **Exterior protection**, **Rear wheel arch liner: Removal - Refitting**, page **55A-43**).
- Test all of the functions with a function test (depending on equipment level).

EXTERIOR PROTECTION Rear bumper: Conversion



B85 or C85 or S85, and EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA4 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 1

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.



- 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.

EXTERIOR PROTECTION Aerodynamic diffuser: Removal - Refitting



EQUIPMENT LEVEL EAC or EQUIPMENT LEVEL SPORT

REMOVAL

I - REMOVAL PREPARATION OPERATION

Desition the vehicle on a two-post lift (see **Vehicle**: Towing and lifting) (02A, Lifting equipment).

II - OPERATION FOR REMOVAL OF PART CONCERNED



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- □ Remove:
 - the nuts (1),
 - the bolts (2).



□ Unclip the aerodynamic diffuser (3) (this operation requires two people).

DOCUMENTATION PHASE 2



□ Remove the bolts (4).

EXTERIOR PROTECTION Aerodynamic diffuser: Removal - Refitting



EQUIPMENT LEVEL EAC or EQUIPMENT LEVEL SPORT



□ Remove the exhaust gas flow guides (5).



- Press the lugs of the tailpipes.
- **Remove the tailpipes (6)**.

REFITTING

REFITTING OPERATION FOR PART CONCERNED

DOCUMENTATION PHASE 2

- Refit:
 - the tailpipes,
 - the exhaust gas flow guides (5),
 - the bolts (4).
- Clip on the aerodynamic diffuser (this operation requires two people).

- Refit:
 - the nuts (1),
 - the bolts (2).



K85

REMOVAL

I - REMOVAL PREPARATION OPERATION

- □ Remove:
 - the tailgate trim (see **Tailgate trim: Removal Re-fitting**) (73A, Non-side opening elements trim),
 - the tailgate opening switch (see 52A, Non-side opening element mechanisms, Tailgate opening switch: Removal Refitting, page 52A-8) (87C, Opening element management).

II - OPERATION FOR REMOVAL OF PART CONCERNED



Remove:

- the nuts $(\mathbf{1})$,
- the tailgate strip.
- Disconnect the license plate light connectors.

REFITTING

I - REFITTING PREPARATION OPERATION

- □ Always replace the sealing foam.
- Clean the adhesive surface of the sealing foam using a LINT-FREE CLOTH soaked in HEPTANE (see Vehicle: Parts and consumables for the repair) (04B, Consumables Products).
- □ Wipe the adhesive surface of the sealing foam with a clean, dry LINT-FREE CLOTH.

- Check the cleanliness of the tailgate and the tailgate strip before refitting the tailgate strip.
- Connect the number plate light connectors.

II - REFITTING OPERATION FOR PART CONCERNED

Refit:

- the tailgate strip,
- the nuts (1) .

III - FINAL OPERATION.

- Refit the tailgate opening switch (see 52A, Non-side opening element mechanisms, Tailgate opening switch: Removal Refitting, page 52A-8) (87C, Opening element management).
- □ Carry out a function test on all functions.
- Refit the tailgate trim (see Tailgate trim: Removal -Refitting) (73A, Non-side opening elements trim).



REMOVAL

I - REMOVAL PREPARATION OPERATION



- □ Unclip the blanking cover (1).
- Remove the bolt.



- Remove the side mounted indicator (2) using a small flat screwdriver.
- □ Disconnect the power supply connector.

II - REMOVAL OPERATION FOR PART CONCERNED



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

III - REFITTING OPERATION FOR PART CONCERNED

Slide the door moulding towards the front of the vehicle.

IV - FINAL OPERATION.

- Refit:
 - the protective strip mounting bolt,
 - the blanking cover,
 - the mounted indicator.

Rear side door protective strip: Removal - Refitting

55A

B85 or K85

REMOVAL

I - REMOVAL PREPARATION OPERATION



- □ Strip off the adhesive (1).
- □ Remove the bolt.

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Slide the door moulding towards the front of the vehicle.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

□ Slide the door moulding towards rear of the vehicle.

II - FINAL OPERATION.

Refit:

- the protective strip mounting bolt,
- the adhesives (Part no: 77 01 465 890).

EXTERIOR PROTECTION Rear wing protective strip: Removal - Refitting



C85 or S85

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



□ Unclip the rear wing protective strip (1).

REFITTING

I - REFITTING PREPARATION OPERATION

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

II - REFITTING OPERATION FOR PART CONCERNED

□ Clip on the rear wing protective strip.



C85 or S85

REMOVAL

Note:

It is possible to replace the access flap for mounting the roof rack bars.

OPERATION FOR REMOVAL OF PART CONCERNED



□ Carefully unclip the roof protection strip.

REFITTING

I - REMOVAL PREPARATION OPERATION



Check the condition of the clips (1) and replace if necessary.

- **II FINAL OPERATION.**
- $\hfill\square$ Clip the roof protection strip in position.



REMOVAL

I - REMOVAL PREPARATION OPERATION

- Position the vehicle on a two-post lift (see Vehicle: Towing and lifting) (MR 392, 02A, Lifting equipment).
- Remove the front wheel (see Wheel: Removal Refitting) (MR 392, 35A, Wheels and tyres).

II - OPERATION FOR REMOVAL OF PART CONCERNED



- Remove the bolts (1).
- □ Remove the clips (2).

Remove:

- the bolt $(\mathbf{3})$,
- the front wheel arch liner starting at the front section.



REFITTING

I - REFITTING PREPARATION 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,
 - the bolts.

III - FINAL OPERATION.

Refit the front wheel (see Wheel: Removal - Refitting) (MR 392, 35A, Wheels and tyres).

EXTERIOR PROTECTION Rear wheel arch liner: Removal - Refitting



REMOVAL

I - REMOVAL PREPARATION OPERATION

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

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Remove the clips (1).

B85 or C85 or S85, and EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIP-MENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA4 or EQUIPMENT LEVEL EA5 or EQUIPMENT LEVEL EAC or EQUIPMENT LEVEL SPORT



Remove:

- the bolts $(\mathbf{2})$,
- the rear wheel arch liner.



K85, and EQUIPMENT LEVEL EAC or EQUIP-MENT LEVEL SPORT



□ Remove:

- the bolts $({\bf 3})$,
- the rear wheel arch liner.

EQUIPMENT LEVEL EAG



- Remove:
 - the bolts $\left(4\right)$,
 - the rear wheel arch liner.

REFITTING

I - REFITTING PREPARATION OPERATION

Check the condition of the clipsand replace them if necessary.

II - REFITTING OPERATION FOR PART CONCERNED

- Refit:
 - the rear wheel arch liner,
 - the bolts,
 - the clips.

III - FINAL OPERATION

Refit the rear wheel (see Wheel: Removal - Refitting) (35A, Wheels and tyres).



B85 or C85 or S85, and EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA4 or EQUIPMENT LEVEL EA5, and DOCUMENTATION PHASE 1

STRIPPING

I - STRIPPING PREPARATION OPERATION

Remove the rear bumper (see 55A, Exterior protection, Rear bumper: Removal - Refitting, page 55A-26).

II - STRIPPING OPERATION FOR PART CONCERNED



- $\hfill\square$ Unclip (1) the rear bumper impact strips.
- Remove:
 - the proximity radars (see **Proximity radar: Removal - Refitting**) (MR 392, 87F, Parking distance control),
 - the number plate lights (see **Number plate light: Removal Refitting**) (MR 392, 81A, Rear lighting),
 - the wiring harness.

REBUILDING

I - REBUILDING OPERATION FOR PART CONCERNED

- □ Clip on the impact strips.
- Refit:
 - the wiring harness,
 - the proximity radars (see **Proximity radar: Removal - Refitting**) (MR 392, 87F, Parking distance control).

- the number plate lights (see **Number plate light: Removal Refitting**) (MR 392, 81A, Rear lighting).
- **II FINAL OPERATION.**
- Refit the rear bumper (see 55A, Exterior protection, Rear bumper: Removal - Refitting, page 55A-26).



EQUIPMENT LEVEL EAC or EQUIPMENT LEVEL SPORT

STRIPPING

I - STRIPPING PREPARATION OPERATION

Remove the rear bumper (see 55A, Exterior protection, Rear bumper: Removal - Refitting, page 55A-26).

II - STRIPPING OPERATION FOR PART CONCERNED

- Remove:
 - the number plate lights (see **Number plate light: Removal Refitting**) (MR 392, 81A, Rear lighting),
 - the wiring harness.

REBUILDING

I - REBUILDING OPERATION FOR PART CONCERNED

- Refit:
 - the wiring harness,
 - the number plate lights (see **Number plate light: Removal Refitting**) (MR 392, 81A, Rear lighting).

II - FINAL OPERATION.

Refit the rear bumper (see 55A, Exterior protection, Rear bumper: Removal - Refitting, page 55A-26).



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STRIPPING

I - STRIPPING PREPARATION OPERATION

- Position the vehicle on a two-post lift (see Vehicle: Towing and lifting) (02A, Lifting equipment).
- □ Remove:
 - the rear wheel arch liners (see 55A, Exterior protection, Rear wheel arch liner: Removal - Refitting, page 55A-43),
 - the rear wing lights (see **Rear wing light: Removal - Refitting**) (81A, Rear lighting),
 - the rear bumper (see 55A, Exterior protection, Rear bumper: Removal - Refitting, page 55A-26)

II - STRIPPING OPERATION FOR PART CONCERNED



- Disconnect the various connectors (according to the equipment level).
- $\hfill\square$ Remove the rear bumper wiring (1) .

PROXIMITY RADAR

- Remove the proximity radars (see Proximity radar: Removal - Refitting) (87F, Parking distance control).
- Remove the rear fog light (see Rear fog lights: Removal - Refitting) (81A, Rear lighting).



 $\hfill\square$ Remove the reflector (2) .



Unclip the side trims (3).



K85



□ Unclip the centre impact strip (4).

REBUILDING

I - REBUILDING OPERATION FOR PART CONCERNED

Clip:

- the centre impact strip (4),
- the side trims (3).
- Refit:
 - the rear fog light (see **Rear fog lights: Removal - Refitting**) (81A, Rear lighting),
 - the reflector (2).

PROXIMITY RADAR

- Refit the proximity radars (see Proximity radar: Removal - Refitting) (87F, Parking distance control).
- □ Refit the rear bumper wiring (1).
- □ Connect the various connectors (depending on equipment level).

II - STRIPPING PREPARATION OPERATION

Refit:

- the rear bumper (see 55A, Exterior protection, Rear bumper: Removal - Refitting, page 55A-26)
- the rear wing lights (see **Rear wing light: Removal - Refitting**) (81A, Rear lighting).
- □ Test all of the functions with a function test (depending on the equipment level).
- Refit the rear wheel arch liners (see 55A, Exterior protection, Rear wheel arch liner: Removal - Refitting, page 55A-43).



B85 or C85 or S85, and EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5 or EQUIPMENT LEVEL EAG, and DOCUMENTATION PHASE 2

STRIPPING

I - STRIPPING PREPARATION OPERATION

- Position the vehicle on a two-post lift (see Vehicle: Towing and lifting) (02A, Lifting equipment).
- □ Remove:
 - the rear wheels (see **Wheel: Removal Refitting**) (35A, Wheels and tyres),
 - the rear wheel arch liners (see 55A, Exterior protection, Rear wheel arch liner: Removal - Refitting, page 55A-43),
 - the rear wing lights (see **Rear wing light: Removal - Refitting**) (81A, Rear lighting),
 - the rear bumper (see 55A, Exterior protection, Rear bumper: Removal - Refitting, page 55A-26)

II - STRIPPING OPERATION FOR PART CONCERNED



Remove:

- the trim for accessing the tow eye by pressing the clips (1) then (2),
- the rear bumper wiring (see **Rear bumper wiring: Removal Refitting**) (88A, Wiring),
- the rear fog light (see **Rear fog lights: Removal - Refitting**) (81A, Rear lighting),
- the number plate lights (see **Number plate light: Removal Refitting**) (81A, Rear lighting).

REAR PROXIMITY RADAR

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



□ Remove the reflector towards (3) while pressing the clip (4).

REBUILDING

I - REBUILDING OPERATION FOR PART CONCERNED

Clip on the reflector.

REAR PROXIMITY RADAR

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

Refit:

- the trim for accessing the tow eye,
- the number plate lights (see **Number plate light: Removal Refitting**) (81A, Rear lighting),
EXTERIOR PROTECTION

Rear bumper: Stripping - Rebuilding



B85 or C85 or S85, and EQUIPMENT LEVEL E3 LEISURE or EQUIPMENT LEVEL EA1 or EQUIPMENT LEVEL EA2 or EQUIPMENT LEVEL EA3 or EQUIPMENT LEVEL EA5 or EQUIPMENT LEVEL EAG, and DOCUMENTATION PHASE 2

- the rear fog light (see **Rear fog lights: Removal - Refitting**) (81A, Rear lighting),
- the rear bumper wiring (see **Rear bumper wiring: Removal Refitting**) (88A, Wiring).

II - FINAL OPERATION

- Refit:
 - the rear bumper (see 55A, Exterior protection, Rear bumper: Removal - Refitting, page 55A-26)
 - the rear wing lights (see **Rear wing light: Remov**al - **Refitting**) (81A, Rear lighting),
 - the rear wheel arch liners (see **55A**, **Exterior protection**, **Rear wheel arch liner: Removal - Refitting**, page **55A-43**),
 - the rear wheels (see **Wheel: Removal Refitting**) (35A, Wheels and tyres).

EXTERIOR EQUIPMENT Scuttle panel grille: Removal - Refitting



REMOVAL

I - REMOVAL PREPARATION OPERATION

□ Remove the wiper arms (see **Windscreen wiper** arm: Removal - Refitting) (MR 392, Mechanical systems, 85A, Washing - Wiping).



□ Remove the seal (1).

II - OPERATION FOR REMOVAL OF PART CONCERNED



Remove clips (2).



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 \Box Remove the scuttle panel grille (3) and (4).

REFITTING

I - REFITTING PREPARATION OPERATION

Note:

Check that the windscreen and the scuttle panel grille are clean before refitting.

II - REFITTING OPERATION FOR PART CONCERNED



C Refit:

- the scuttle panel grille,
- the clips (5) .



III - FINAL OPERATION.



- Refit:
 - the seal (6),
 - the wiper arms (see Windscreen wiper arm: Removal Refitting) (MR 392, Mechanical systems, 85A, Washing Wiping).



K85

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED





Remove:

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



- $\hfill\square$ Unclip the tailgate spoiler at $(\mathbf{3})$.
- Disconnect:
 - the high level brake light connector,
 - the rear screen washer jet pipe.
- □ Remove the tailgate spoiler.

REFITTING

I - REFITTING PREPARATION OPERATION

- Check:
 - the clips and replace if necessary,
 - the cleanliness of the tailgate spoiler and the tailgate before refitting the tailgate spoiler.
- Connect:
 - the high level brake light connector,
 - the rear screen washer jet pipe.

II - REFITTING OPERATION FOR PART CONCERNED

□ Clip on the tailgate spoiler.



K85



Refit:

- the nuts (2) in order: (4) , (5) , (6) , (7) and (8) ,
- the blanking covers (1).

III - FINAL OPERATION.

□ Carry out a function test on all functions.



REAR SPOILER

Special tooling required

Set of trim removal levers.

Car. 1363

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED

1 - Tailgate spoiler cover



□ Remove the bolts (1).



Detach the DOUBLE-SIDED ADHESIVE TAPE of the tailgate spoiler cover at (2) using the (Car. 1363).



□ Place a **2.5 mm** offset wrench in the holes (**3**).

 $\hfill\square$ Unclip the tailgate spoiler cover at (4) .



REAR SPOILER



- Disconnect the high-level brake light connector (5) .
- □ Remove the tailgate spoiler cover.

2 - Tailgate spoiler mounting





- □ Partially remove the wiring of the high-level brake light connector (6).
- $\hfill\square$ Disconnect the rear screen washer jet pipe (7) .
- $\hfill \square$ Partially remove the rear screen washer jet pipe (7) .



 $\hfill\square$ Unclip the rear screen washer jet at $(\mathbf{8})$.



- □ Remove:
 - the bolts (9),
 - the tailgate spoiler mounting.



REAR SPOILER

REFITTING

I - REFITTING PREPARATION OPERATION

Note:

Clean the felt of the tailgate spoiler cover before refitting.

- Remove any adhesive residue on the tailgate using a LINT-FREE CLOTH soaked in HEPTANE (see Vehicle: Parts and consumables for the repair) (04B, Consumables - Products).
- Wipe the upper section of the tailgate using a clean, dry LINT-FREE CLOTH (see Vehicle: Parts and consumables for the repair) (04B, Consumables -Products).
- Replace the DOUBLE-SIDED ADHESIVE TAPE (see Vehicle: Parts and consumables for the repair) (04B, Consumables - Products) on the tailgate spoiler cover.

II - REFITTING OPERATION FOR PART CONCERNED

1 - Tailgate spoiler mounting



Refit:

- the tailgate spoiler mounting,
- the bolts (9) in the order (10) then (11).
- □ Clip on the rear screen washer jet.
- □ Refit the rear screen washer jet pipe (7).
- Connect the rear screen washer jet pipe (7).
- □ Refit the wiring of the high-level brake light connector (6).

2 - Tailgate spoiler cover

- Connect the high-level brake light connector (5).
- □ Carry out a function test.
- □ Remove the protective backing from the DOUBLE-SIDED ADHESIVE TAPE.
- □ Refit the tailgate spoiler cover.
- □ Clip on the tailgate spoiler cover.
- Refit the bolts (1).
- Press the side sections to bond the tailgate spoiler cover.

EXTERIOR EQUIPMENT Scoop under the scuttle panel grille: Removal - Refitting



REMOVAL

I - REMOVAL PREPARATION OPERATION

Remove the scuttle panel grille (see 56A, Exterior equipment, Scuttle panel grille: Removal - Refitting, page 56A-1).



□ Remove the trim under the scuttle panel grille (1).

II - OPERATION FOR REMOVAL OF PART CONCERNED



- Remove:
 - the bolts $({\bf 2})$,
 - the blanking covers $({\bf 3})$.



- □ Remove the bolts (4).
- □ Extract the scoop under the scuttle panel grille.

REFITTING

I - REFITTING PREPARATION OPERATION

WARNING

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 bolts (5).



- Refit:
 - the blanking covers $({\bf 6})$,
 - the bolts $({\bf 7})$.

III - FINAL OPERATION

- □ Reclip the trim under the scuttle panel grille.
- □ Refit the scuttle panel grille (see 56A, Exterior equipment, Scuttle panel grille: Removal Refitting, page 56A-1).

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REMOVAL

I - REMOVAL PREPARATION OPERATION



Unclip the trim (1).

II - OPERATION FOR REMOVAL OF PART CONCERNED



- Remove:
 - the sealing foam (2) ,
 - the bolts (3)
 - the door mirror.
- Disconnect the supply connectors (depending on equipment level).

SCHOOL VEHICLE





EXTERIOR EQUIPMENT Door mirror: Removal - Refitting





- □ Remove the bolts (5).
- □ Remove the door mirror.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED



- Connect the supply connector (depending on equipment level).
- Refit:
 - the door mirror,
 - the bolts (6) ,
 - the sealing foam.

SCHOOL VEHICLE

- Desition the door mirror.
- □ Refit the door mirror bolts.
- □ Clip the casing in place.

EXTERIOR EQUIPMENT Door mirror: Removal - Refitting



II - FINAL OPERATION



□ Clip the trim piece in place (7).



REMOVAL

- I REMOVAL PREPARATION OPERATION
- Remove the door mirror glass (see 56A, Exterior equipment, Door mirror glass: Removal - Refitting, page 56A-16).

II - REMOVAL OPERATION FOR PART CONCERNED



- □ Unclip the clips (1).
- □ Fold in the door mirror.



REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

□ Reclip 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-16).

EXTERIOR EQUIPMENT Door mirror casing: Removal - Refitting



SCHOOL VEHICLE

REMOVAL

I - REMOVAL PREPARATION OPERATION

Remove the door mirror glass (see 56A, Exterior equipment, Door mirror glass: Removal - Refitting, page 56A-16).



□ Unclip the casing (1).



- □ Remove the bolts (2).
- Remove the door mirror.

II - OPERATION FOR REMOVAL OF PART CONCERNED



Unclip clips (3).

Fold in the door mirror.



□ Unclip the door mirror casing.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

□ Clip on the door mirror casing.

EXTERIOR EQUIPMENT Door mirror casing: Removal - Refitting



SCHOOL VEHICLE

II - FINAL OPERATION



- Given on the door mirror.
- □ Refit the bolts (4).
- □ Clip on the casing
- Refit the door mirror glass (see 56A, Exterior equipment, Door mirror glass: Removal - Refitting, page 56A-16).

EXTERIOR EQUIPMENT Door mirror glass: Removal - Refitting



Special tooling required

Car. 1363

Set of trim removal levers.

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



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

REFITTING

REFITTING PREPARATION OPERATION

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



Note:

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

REMOVAL

I - REMOVAL PREPARATION OPERATION

1 - Front side door

Remove:

- the front side door trim (see **Front side door trim: Removal Refitting**) (72A, Side opening element trim),
- the door mirror (see 56A, Exterior equipment, Door mirror: Removal Refitting, page 56A-10),
- the front side door sliding window (see 54A, Windows, Front side door sliding window: Removal
 Refitting, page 54A-4),
- the front side door glass run channel (see Front side door window run channel: Removal - Refitting) (66A, Window sealing),
- the front side door exterior weatherstrip (see Front side door exterior weatherstrip: Removal - Refitting) (66A, Window sealing).

2 - Rear side door

B85 or K85

Remove:

- the rear side door trim (see **Rear side door trim: Removal Refitting**) (72A, Side opening element trim),
- the rear side door sliding window, without removing it from the door box section (see **54A**, **Windows**, **Rear side door sliding window: Removal - Refitting**, page **54A-6**).

B85

Remove:

- (partially) the front section of the rear side door glass run channel (see **Rear side door window run channel: Removal - Refitting**) (66A, Window sealing), (partially) the front section of the rear side door exterior weatherstrip (see Rear side door exterior weatherstrip: Removal - Refitting) (66A, Window sealing).

K85

Remove:

- the rear side door glass run channel (see Rear side door window run channel: Removal Refit-ting) (66A, Window sealing),
- the fixed rear side door window (see 54A, Windows, Rear side door fixed window: Removal -Refitting, page 54A-11).

II - OPERATION FOR REMOVAL OF PART CONCERNED



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

Note:

The removal operation is identical for the rear side decorative strip.



REFITTING

I - REFITTING PREPARATION OPERATION

Clean the adhesive surface of the film with HEP-TANE (see Vehicle: Parts and consumables for the repair) (04B, Consumables - Products) and wipe with a LINT-FREE CLOTH.

II - REFITTING OPERATION FOR PART CONCERNED



- □ Offer up the decorative strip to be bonded to the door pillar and centre it visually over hole (1) and on the upper section of the upright (2).
- 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 (3).
- □ Stick the decorative strip down taking care to keep it properly aligned.
- 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 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.

Note:

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

EXTERIOR EQUIPMENT Side decorative strips: Removal - Refitting





- Stick down the decorative strip to the two edges (4) and (5) using the plastic spatula.
- □ Smooth edge (4) with a movement from the rear to the front ensuring that the decorative strip is properly bonded on the run channel side.
- □ Fold back edge (5) gradually over its entire length with the plastic spatula and finish the application with your thumb along the interior of the upright.

Note:

The procedure for fitting the decorative strip on the rear side door is identical.

III - FINAL OPERATION.

1 - Front side door

- Refit:
 - the front door glass run channel (see Front side door window run channel: Removal - Refitting) (66A, Window sealing),
 - the front door exterior weatherstrip (see Front side door exterior weatherstrip: Removal - Refitting) (66A, Window sealing),
 - the front sliding door window (see 54A, Windows, Front side door sliding window: Removal - Refitting, page 54A-4),
 - the door mirror (see 56A, Exterior equipment, Door mirror: Removal Refitting, page 56A-10),

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

2 - Rear side door

B85

Refit:

- the rear side door exterior weatherstrip (see Rear side door exterior weatherstrip: Removal - Refitting) (66A, Window sealing),
- the rear side door glass run channel (see Rear side door window run channel: Removal Refit-ting) (66A, Window sealing).

K85

Refit:

- the fixed rear side door window (see 54A, Windows, Rear side door fixed window: Removal Refitting, page 54A-11),
- the rear side door glass run channel (see **Rear** side door window run channel: Removal Refitting) (66A, Window sealing).

B85 or K85

Refit:

- the rear side door sliding window (see 54A, Windows, Rear side door sliding window: Removal
 Refitting, page 54A-6),
- the rear side door trim (see **Rear side door trim: Removal Refitting**) (72A, Side opening element trim).



I - CONSTRUCTOR'S BADGE

1 - REMOVAL PREPARATION OPERATION

Remove the tailgate trim (see Tailgate trim: Removal - Refitting) (MR 393, 73A, Non-side opening element trim).

2 - OPERATION FOR REMOVAL OF PART CONCERNED



□ Unclip the constructor's badge.



Unclip the constructor's badge mounting, via the inside of the tailgate box.

3 - REFITTING OPERATION FOR PART CONCERNED

- Clip on:
 - the badge mounting,
 - the constructor's badge.

4 - FINAL OPERATION

Refit the tailgate trim (see Tailgate trim: Removal -Refitting) (MR 393, 73A, Non-side opening element trim).

II - VEHICLE BADGE

1 - FITTING PREPARATION OPERATION

- □ Clean the adhesive surface of the vehicle badge with a lint-free cloth soaked in heptane.
- □ Wipe the adhesive surface of the vehicle badge with a clean, dry cloth soaked in heptane.

2 - FITTING

"CLIO" badge



- Remove the protective paper from the back of the vehicle badge.
- □ Position the template/badge assembly.
- □ Stick on the vehicle badge.
- Remove the template.

EXTERIOR EQUIPMENT Rear badges: Removal - Refitting



"RENAULT" badge



- Remove the protective paper from the back of the vehicle badge.
- □ Position the template/badge assembly:
 - (X1):15 mm,
 - (X2):7 mm,
 - (X3) : 32 mm.
- □ Stick on the vehicle badge.
- Remove the template.

"RENAULT SPORT" badge



- Remove the protective paper from the back of the vehicle badge.
- □ Position the template/badge assembly:
 - (X4):12 mm,
 - (X5):6 mm,
 - (X6): 20 mm.
- □ Stick on the vehicle badge.
- □ Remove the template.

EXTERIOR EQUIPMENT Roof bar: Removal - Refitting

K85

Tightening torques 灾	
roof bar bolts	8 N.m
roof bar nuts	8 N.m

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



□ Remove the trims (1) from the roof bar at (2).



□ Remove:

- the roof bar bolts (3),
- the roof bar nuts (4),
- the roof bar.

REFITTING

I - REFITTING PREPARATION OPERATION

- Check the condition and cleanliness of:
 - the roof bar,
 - the roof,
 - the roof bar support plates (replace if necessary).

II - REFITTING OPERATION FOR PART CONCERNED

- Refit the roof bar.
- □ Torque tighten:
 - the roof bar bolts (8 N.m) (3),
 - the roof bar nuts (8 N.m) (4).
- □ Refit the roof bar trims.



56

Front wing air extraction grille: Removal - Refitting

56A

C85, and EQUIPMENT LEVEL SPORT

REMOVAL

I - REMOVAL PREPARATION OPERATION

□ Remove the wheel arch liner from the side in question (see 55A, Exterior protection, Front wheel arch liner: Removal - Refitting, page 55A-41).

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Remove:

-the washers $(\mathbf{1})$,

- the front wing air extraction grille.

REFITTING

I - REFITTING PREPARATION OPERATION

□ Check the condition of the washers (1); replace them if necessary.

II - REFITTING OPERATION FOR PART CONCERNED

Refit:

- the front wing air extraction grille,

- the washers (1).

III - FINAL OPERATION

Refit the wheel arch liner (see 55A, Exterior protection, Front wheel arch liner: Removal - Refitting, page 55A-41).



EQUIPMENT LEVEL EAC or EQUIPMENT LEVEL SPORT

Special tooling required

Car. 1363

I363 Set of trim removal levers.

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



Remove the bolts (1).



Detach the decorative strip (2).

Note:

Replace the decorative strip (2) every time it is removed.



Remove the bolts (3).



- □ Detach the double-sided tape (4) using the (Car. 1363).
- $\hfill\square$ Unclip the sill panel extender (5) .

REFITTING

I - REFITTING PREPARATION OPERATION

- Check the condition of the clips, replace them if necessary.
- $\hfill\square$ Position the sill panel extender clips.
- Clean the bonding zone of the decorative strip and double-sided tape with HEPTANE using a LINT-FREE CLOTH (see Vehicle: Parts and consumables for the repair) (04B, Consumables - Products).



EQUIPMENT LEVEL EAC or EQUIPMENT LEVEL SPORT

□ Bond the double-sided tape in place.

II - REFITTING OPERATION FOR PART CONCERNED

Refit:

- the sill panel extender,
- the bolts (3) and (1).
- □ Attach a new decorative strip.

EQUIPMENT LEVEL EAG

Special toolin	g required
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Car. 1363

Set of trim removal levers.

REMOVAL

- **I REMOVAL PREPARATION OPERATION**
- 1 Sill panel extender
- □ Protect the wing using masking tape.

2 - Sill panel extender mounting

- Desition the vehicle on a two-post lift (see **Vehicle**: Towing and lifting) (02A, Lifting equipment).
- □ Remove:
 - the front wheel (see Wheel: Removal Refitting) (35A, Wheels and tyres),
 - the front wheel arch liner (see 55A, Exterior protection, Front wheel arch liner: Removal - Refitting, page 55A-41).

II - OPERATION FOR REMOVAL OF PART CONCERNED

1 - Sill panel extender



□ Remove the bolt (1).



- Unclip the sill panel extender front section at (2) using the (Car. 1363).
- □ Remove the sill panel extender front section (3).



- □ Remove:
 - the plastic rivet (4),
 - the bolt (5).



EQUIPMENT LEVEL EAG



- Unclip the sill panel extender at (6) using the tool (Car. 1363).
- □ Remove the sill panel extender (7).

2 - Sill panel extender mounting



Remove nuts (8).



Drill out the rivets (9).

Note:

Hold the rivet shanks using pliers, in order to avoid any deformation of the holes in the front wing.

- □ Remove the sill panel extender mounting.
- □ Retrieve the rivet shanks.

REFITTING

I - REFITTING PREPARATION OPERATION

Sill panel extender mounting

Always replace the rivets of the sill panel extender mounting.

II - REFITTING OPERATION FOR PART CONCERNED

- 1 Sill panel extender mounting
- □ Refit the sill panel extender mounting.
- □ Centre the sill panel extender mounting on the studs.
- □ Refit the nuts (8), without tightening them.



EQUIPMENT LEVEL EAG





- □ Check the dimension (10) = 9.5 mm between the defined line and the upper edge of the sill panel extender mounting at (10).
- □ Tighten the nuts (8).
- Fit new rivets.

2 - Sill panel extender

- Refit the sill panel extender.
- □ Clip the sill panel extender.
- Refit:
 - the bolt **(5)**,
 - the plastic rivet (4),
 - the sill panel extender front section.
- □ Clip on the sill panel extender front section.
- Refit the bolt (1).

III - FINAL OPERATION

1 - Sill panel extender mounting

- Refit:
 - the front wheel arch liner (see 55A, Exterior protection, Front wheel arch liner: Removal - Refitting, page 55A-41),
 - the front wheel (see **Wheel: Removal Refitting**) (35A, Wheels and tyres).

2 - Sill panel extender

□ Remove the masking tape from the front wing.

8 N.m



Special tooling required

Car. 1363

Set of trim removal levers.

Equipment required

Diagnostic tool

Tightening torques 🖓

passenger front airbag bolts on the dashboard cross member

IMPORTANT

To avoid all risk of damage to the systems, apply the safety and cleanliness instructions and operation recommendations before carrying out any repair:

- (see Airbag and pretensioners: Precautions for the repair) (88C, Airbag and pretensioners),
- (see Vehicle: Precautions for the repair) (01D, Mechanical introduction).

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, Airbag and pretensioners).
- Disconnect the battery (see Battery: Removal Refitting) (80A, Battery).
- Desition the steering column in the low position.
- Remove:
 - the driver's front airbag (see **Driver's frontal airbag: Removal Refitting**) (88C, Airbag and pretensioners),
 - the steering wheel (see **Steering wheel: Removal Refitting**) (36A, Steering assembly).



□ Partially remove the seal (1).





Remove the side panel (2) using the tool (Car. 1363).



- □ Unclip the soundproofing material (3).
- □ Remove the soundproofing material.



□ Remove the bolt (4).

Unclip the trim (5) using the tool (Car. 1363).



Remove:

- the dashboard lower trim bolt (6),
- the plastic rivet (7) of the dashboard lower trim.





- $\hfill\square$ Remove the dashboard lower trim (8) .
- Disconnect the switch plate connectors (depending on equipment level).



- Remove the bolts (9) from the shells under the steering wheel.
- □ Unclip the cowlings under the steering wheel.



- Unclip the upper cowling (10) from the dashboard gaiter.
- Remove:
 - the cowlings under the steering wheel,
 - 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).



- □ Remove:
 - the bolt (11) ,
 - the centre console (see **57A**, **Interior equipment**, **Centre console: Removal Refitting**, page **57A-14**).





□ Unclip the lower centre trim at (12) and (13).

RADIO NO. 08, and DOCUMENTATION PHASE 2

Disconnect the offset multimedia socket connectors.

RADIO NO. 07, and DOCUMENTATION PHASE 2

□ Disconnect the offset audio socket connector.

NAVIGATION AID 1 LEVEL or NAVIGATION AID 1

Remove the radio navigation system (see Radio navigation: Removal - Refitting) (83C, On-board telematics system).

RADIO NO. 01 or RADIO NO. 02 or RADIO NO.03 or RADIO NO. 04 or RADIO NO. 05 or RADIO NO. 06 or RADIO NO. 07 or RADIO NO. 08

- Remove the radio (see Radio: Removal Refitting) (86A, Radio).
- Remove:
 - the centre front panel (see 57A, Interior equipment, Centre front panel: Removal - Refitting, page 57A-19),
 - the control panel (see **Control panel: Removal - Refitting**) (61A, Heating).

RADIO NO. 08, and DOCUMENTATION PHASE 2

Remove the offset multimedia socket computer (see Offset multimedia socket computer: Removal -Refitting) (86A, Radio).



Remove the bolts (14).

VEHICLE WITH CARD

Remove:

- the card reader (see **Card reader: Removal Re-fitting**) (82A, Immobiliser),
- the dashboard starter aerial (see **Starting aerial: Removal Refitting**) (82A, Immobiliser).
- Remove the display (see Display: Removal Refitting) (86A, Radio).





□ Remove the bolt (15).

CLIMATE CONTROL

- Remove the solar radiation sensor (see Solar radiation sensor: Removal - Refitting) (61A, Heating system).
- □ Remove:
 - the tweeters (see **Tweeter: Removal Refitting**) (86A, Radio),
 - the windscreen pillar trims (see **Windscreen pillar trim: Removal Refitting**) (71A, Body internal trim),
 - the inhibitor switch (see **Inhibitor switch: Removal - Refitting**) (88C, Airbag and pretensioners),
 - the glovebox (see 57A, Interior equipment, Glovebox: Removal Refitting, page 57A-16).

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Remove the passenger front airbag bolts (16) from the dashboard cross member (under the dashboard).



- Unlock the passenger front airbag connectors at (17).
- Disconnect the passenger front airbag connectors (18).





- □ Remove the bolts (19) from each side of the vehicle.
- □ Mark the wiring routing.

WARNING

To prevent any risk of noise, premature wear, short circuits, etc. after the refitting operation, mark the wiring routing and how to connect the connectors.



Take out the dashboard.

Note:

This operation requires two people.

Remove the dashboard.

REFITTING

I - REFITTING PREPARATION OPERATION

□ Ensure that the wiring is in good condition.

WARNING

To prevent damage to the wiring harness when refitting, observe the original routing.

WARNING

To guarantee a good electrical connection, make sure that the wiring does not place any stress on the connectors or the surrounding components.

II - REFITTING OPERATION FOR PART CONCERNED

Refit the dashboard.

Note:

This operation requires two people.

Position the wiring in place before fully refitting the dashboard.



- □ Refit the bolts (20) on each side of the vehicle.
- $\hfill\square$ Connect the passenger front airbag connectors.
- □ Lock the passenger's front airbag connectors.





□ Torque tighten the passenger front airbag bolts on the dashboard cross member (8 N.m), (21).

III - FINAL OPERATION

- Refit:
 - the glovebox (see 57 A, Interior equipment, Glovebox: Removal Refitting, page 57A-16),
 - the inhibitor switch (see Inhibitor switch: Removal Refitting) (88C, Airbag and pretensioners),
 - the windscreen pillar trims (see **Windscreen pillar trim: Removal Refitting**) (71A, Body internal trim),
 - the tweeters (see **Tweeter: Removal Refitting**) (86A, Radio).

CLIMATE CONTROL

Refit the solar radiation sensor (see Solar radiation sensor: Removal - Refitting) (61A, Heating system).



- Refit:
 - the bolt $\left(\mathbf{22}\right)$,
 - the display (see **Display: Removal Refitting**) (86A, Radio).



[□] Refit the bolts (23).


RADIO NO. 08, and DOCUMENTATION PHASE 2

- Refit the offset multimedia socket computer (see Offset multimedia socket computer: Removal -Refitting) (86A, Radio).
- Refit the control panel (see Control panel: Removal - Refitting) (61A, Heating).

VEHICLE WITH CARD

- Refit:
 - the dashboard starter aerial (see **Starting aerial: Removal Refitting**) (82A, Immobiliser),
 - the card reader (see **Card reader: Removal Re-fitting**) (82A, Immobiliser).
- Refit the centre front panel (see 57A, Interior equipment, Centre front panel: Removal - Refitting, page 57A-19).

RADIO NO. 01 or RADIO NO. 02 or RADIO NO.03 or RADIO NO. 04 or RADIO NO. 05 or RADIO NO. 06 or RADIO NO. 07 or RADIO NO. 08

Refit the radio (see Radio: Removal - Refitting) (86A, Radio).

NAVIGATION AID 1 LEVEL or NAVIGATION AID 1

Refit the radio navigation system (see Radio navigation: Removal - Refitting) (83C, On board telematics system).

□ Fit the lower centre trim.

RADIO NO. 08, and DOCUMENTATION PHASE 2

Connect the offset multimedia socket connectors.

RADIO NO. 07, and DOCUMENTATION PHASE 2

Connect the connector of the offset audio socket.

- □ Clip on the lower centre trim.
- Refit the centre console (see 57A, Interior equipment, Centre console: Removal Refitting, page 57A-14).



Refit:

- the bolt (24) ,
- the instrument panel (see Instrument panel: Removal - Refitting) (83A, Instrument panel),
- the steering column switch assembly (see Steering column switch assembly: Removal - Refitting) (84A, Control - Signals).

Clip:

- the dashboard gaiter on the upper cowling,
- the cowlings under the steering wheel.
- □ Refit the bolts to the shells under the steering wheel.

INTERIOR EQUIPMENT Dashboard: Removal - Refitting





- Given Fit the dashboard lower trim (25) .
- Connect the switch plate connectors (depending on equipment level).
- □ Clip on the dashboard lower trim.
- Refit:
 - the dashboard lower trim bolt (26),
 - the plastic rivet (27) of the dashboard lower trim.



- $\hfill\square$ Clip the trim piece in place $({\bf 28})$.
- Refit the bolt (29).



- □ Clip on the side panel (30).
- □ Refit the seal (31)



- Refit:
 - the soundproofing (32),
 - the steering wheel (see Steering wheel: Removal
 Refitting) (36A, Steering assembly),
 - the driver's front airbag (see **Driver's frontal airbag: Removal Refitting**) (88C, Airbags and pretensioners).
- Connect the battery (see Battery: Removal Refitting) (80A, Battery).
- Unlock the airbag computer using the Diagnostic tool (see Fault finding - Replacement of components)(88C, Airbag and pretensioners).
- □ Carry out a function test on all functions.



Equipment required

Diagnostic tool

IMPORTANT

To avoid all risk of damage to the systems, apply the safety and cleanliness instructions and operation recommendations before carrying out any repair:

- (see Airbag and pretensioners: Precautions for the repair) (88C, Airbags and pretensioners),
- (see Vehicle: Precautions for the repair) (01D, Mechanical introduction).

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.

STRIPPING

I - STRIPPING PREPARATION OPERATION

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

II - STRIPPING OPERATION FOR PART CONCERNED

Remove:

- the dashboard air vents (see 57A, Interior equipment, Dashboard air vent: Removal Refitting, page 57A-12),
- the passenger front airbag of the dashboard (see **Passenger's frontal airbag: Removal Refitting**) (88C, Airbag and pretensioners).

REBUILDING

I - REBUILDING OPERATION FOR PART CONCERNED

Refit:

- the passenger front airbag of the dashboard (see **Passenger's frontal airbag: Removal Refitting**) (88C, Airbag and pretensioners),
- the dashboard air vents (see 57A, Interior equipment, Dashboard air vent: Removal - Refitting, page 57A-12).

II - FINAL OPERATION

- Refit the dashboard (see 57A, Interior equipment, Dashboard: Removal - Refitting, page 57A-1).
- 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).



Conversion to dashboard required to fit an offset audio socket.

I - CONVERSION PREPARATION OPERATION

Remove the glovebox (see 57A, Interior equipment, Glovebox: Removal - Refitting, page 57A-16).

II - CONVERSION

1 - Mounting holes for the offset audio socket unit





- □ For positioning the holes, use the offset audio socket unit (1).
- ❑ (X1) = 210 mm

(X2) = 15 mm

 $\hfill \label{eq:constraint}$ Drill the holes using a drill bit ($\ensuremath{\varnothing} \, 3 \, mm).$

2 - Hole for offset audio socket unit harness run



- □ Make the conversion using a conical cutter or special tool (part no: **77 11 419 232**).
- □ (X3) = 15 mm
 - (X4) = 30 mm
- Drill hole diameter 20 mm.

III - FINAL OPERATION.

□ Refit the glovebox (see 57A, Interior equipment, Glovebox: Removal - Refitting, page 57A-16).

INTERIOR EQUIPMENT Dashboard air vent: Removal - Refitting



Special tooling required

Car. 1597

Trim removal lever.

REMOVAL

I - REMOVAL PREPARATION OPERATION

Protect the dashboard around the air vents using masking tape.

II - OPERATION FOR REMOVAL OF PART CONCERNED

1 - Dashboard centre air vent





Unclip the air vent using tool (Car. 1597).

INTERIOR EQUIPMENT Dashboard air vent: Removal - Refitting



2 - Dashboard side air vent



Unclip the air vent using tool (Car. 1597).

REFITTING

REFITTING OPERATION FOR PART CONCERNED

□ Clip on the air vents in the correct position



REMOVAL

I - REMOVAL PREPARATION OPERATION



□ Remove the trim (1).



□ Unclip the gear lever trim.

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Remove the bolts (2).

 $\hfill\square$ Push the seats forward as far as possible.



- □ Remove the bolts (3).
- □ Take out the centre console (4).

III - REFITTING OPERATION FOR PART CONCERNED

- Refit:
 - the centre console,



- the bolts (3) and (2).

IV - FINAL OPERATION.

Clip on

- the gear lever trim,

- the trim (1).



REMOVAL

I - REMOVAL PREPARATION OPERATION

SCHOOL VEHICLE

Remove the driving school electric control unit (see Driving school repeater electrical control unit: Removal - Refitting) (MR 392, 84A, Control - Signals).



- □ Partially remove seal (1).
- $\hfill\square$ Unclip the side panel (2) .
- Disconnect the connector.



□ Remove the bolt (3).



Unclip the trim (4).

II - OPERATION FOR REMOVAL OF PART CONCERNED



 $\hfill\square$ Remove the bolts (5) .



Remove the bolt (6).

INTERIOR EQUIPMENT Glovebox: Removal - Refitting





- □ Take out the glovebox.
- Disconnect the connector.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

□ Refit the glovebox.





□ Refit the bolts (7) and (8).

II - FINAL OPERATION.

□ Clip the trim piece in place.

INTERIOR EQUIPMENT Glovebox: Removal - Refitting





Refit:

- the bolt $(\boldsymbol{9})$,
- the side panel,
- the seal $\left(10\right)$.

SCHOOL VEHICLE

Refit the driving school electric control unit (see Driving school repeater electrical control unit: Removal - Refitting) (MR 392, 84A, Control - Signals).



REMOVAL

I - REMOVAL PREPARATION OPERATION

- Remove:
 - the centre console (see 57A, Interior equipment, Centre console: Removal - Refitting, page 57A-14) ,
 - the radio and/or the navigation system (see **Radio: Removal - Refitting**) (MR 392, 86A, Radio) or (see **Radio navigation: Removal - Refitting**) (MR 392, 83C, On-Board Telematics System).



□ Unclip the lower trim (1) and (2).

II - OPERATION FOR REMOVAL OF PART CONCERNED





□ Unclip the centre front panel (3) and (4).

Disconnect the connectors.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- □ Connect the connectors.
- □ Clip in the centre front panel.



II - FINAL OPERATION.

- Refit:
 - the lower trim,
 - the radio and/or the navigation system (see **Radio: Removal - Refitting**) (MR 392, 86A, Radio) or (see **Radio navigation: Removal - Refitting**) (MR 392, 83C, On-Board Telematics System),
 - the centre console (see **57A**, **Interior equipment**, **Centre console: Removal Refitting**, page **57A**-**14**).

INTERIOR EQUIPMENT Interior rear-view mirror: Removal - Refitting



REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED





Unclip:

- the upper cover,
- the lower cover.

Note:

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



- 101717
- Disconnect the connectors.
- □ Remove the rear view mirror.

REFITTING

REFITTING OPERATION FOR PART CONCERNED

- □ Refit the rear view mirror.
- □ Connect the connectors.
- 🛛 Clip:
 - the lower cover,
 - the upper cover.

INTERIOR EQUIPMENT Sun visor: Removal - Refitting



Special tooling required

Car. 1597

Trim removal lever.

REMOVAL

I - REMOVAL PREPARATION OPERATION



□ Unclip the cover (1) in the slit at (2).

II - OPERATION FOR REMOVAL OF PART CONCERNED



Press on the clip (3) using the tool (Car. 1597) at (4) to unlock the sun visor.



- $\hfill\square$ Tilt the sun visor at (5) .
- Remove the sun visor.

INTERIOR EQUIPMENT Sun visor: Removal - Refitting





- □ Unclip the cover of the sun visor central support by pressing the tab (6).
- □ Remove the sun visor central support using the (Car. 1597).

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

Clip:

- the central sun visor support.
- the cover of the sun visor central support,
- the sun visor.

II - FINAL OPERATION

Clip the cover on.

INTERIOR EQUIPMENT Grab handle: Removal - Refitting



Special tooling required

Car. 1597

Trim removal lever.

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



- Unclip the pins (1) without removing them, using the (Car. 1597).
- □ Remove the grab handle or the glasses holder.

REFITTING

REFITTING OPERATION FOR PART CONCERNED

- Refit the grab handle.
- Clip on the pins (1).



REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



□ Unclip the side trims (1).





- Unclip the rear parcel shelf sun blind (2) and (3).
- □ Remove the rear parcel shelf sun blind.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- □ Position the rear parcel shelf sun blind.
- □ Clip the rear parcel shelf blind into place.
- \Box Refit the side trim pieces (1).

II - FINAL OPERATION

□ Carry out a function test.

INTERIOR EQUIPMENT Dashboard cover gaiter: Removal - Refitting



Equipment required

Diagnostic tool

Tightening torques 🖓

steering column mounting bolts 21 Nm

IMPORTANT

Before carrying out any work on or near a safety system component, lock the airbag computer using the **Diagnostic tool**. When this function is activated, all the trigger lines are disabled and the airbag instrument panel warning light is lit when the ignition is switched on.

IMPORTANT

Handling the pyrotechnic systems (airbags and pretensioners) near to a heat source or flame is prohibited: there is a risk of triggering the airbags or pretensioners.

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Lock the airbag computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbag and pretensioner).
- Disconnect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Lock the steering column in the low position.
- Remove:
 - the driver's front airbag (see **Driver's frontal airbag: Removal - Refitting**) (MR 392, 88C, Airbag and pretensioners),
 - the steering wheel (see **Steering wheel: Removal** - **Refitting**) (MR 392, 36A, Power-assisted steering).



Partially remove seal (1).



□ Remove the side panel (2).



INTERIOR EQUIPMENT Dashboard cover gaiter: Removal - Refitting





- □ Remove the bolt (3).
- Unclip the trim (4).



- □ Remove the bolts (5).
- $\hfill\square$ Remove the lower cover (6) .
- Disconnect the connector (depending on equipment level).



- □ Remove the bolts (7) under the lower half-cover.
- □ Unclip the lower and upper covers.



- Unclip the upper cover (8).
- □ Remove the covers.
- Remove the steering column assembly (see Steering column switch assembly: Removal - Refitting) (MR 392, 84A, Control - Signals).





□ Remove the steering column mounting bolts (9) on the cross member.



____.

Note:

Place a block of approximately **20** cm on the floor beneath the column to support it.

Remove the steering column from the pre-supports (10) to set it down on the shim.

II - OPERATION FOR REMOVAL OF PART CONCERNED



□ Remove the cover gaiter.



Grind off brazing residues (11) .

REFITTING

I - REFITTING PREPARATION OPERATION

□ Remove grease from the mating surface with heptane and a lint-free cloth.

INTERIOR EQUIPMENT Dashboard cover gaiter: Removal - Refitting



II - REFITTING OPERATION FOR PART CONCERNED



 $\hfill\square$ Take off the Velcro strip protection (12) .



 $\hfill\square$ Attach the gaiter, starting in the middle.



□ Check that there is a good bond and that the Velcro strips are in the correct position (13).

III - FINAL OPERATION.

□ Refit the steering column in the retainers.



- □ Torque tighten the steering column mounting bolts (21 Nm).
- Refit the steering column assembly (see Steering column switch assembly: Removal Refitting) (MR 392, 84A, Control Signals).
- □ Clip on the lower and upper covers.

INTERIOR EQUIPMENT Dashboard cover gaiter: Removal - Refitting





- □ Connect the connectors.
- Refit:
 - the lower cover $({\bf 14})$,
 - the bolts $\left(15\right)$.



- $\hfill\square$ Clip the trim piece in place (16) .
- Refit the bolt (17).
- Clip on the side panel.
- Refit the seal.
- Refit:
 - the steering wheel (see Steering wheel: Removal
 Refitting) (MR 392, 36A, Power-assisted steering),
 - the driver's front airbag (see **Driver's frontal airbag: Removal Refitting**) (MR 392, 88C, Airbags and seat belt pretensioners).
- Connect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Unlock the airbag computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbag and pretensioners).

INTERIOR EQUIPMENT Separation components: Removal - Refitting

8 Nm



S85

Tightening torques \heartsuit

separation component bolts

REMOVAL

OPERATION FOR REMOVAL OF PART CONCERNED



Remove:

- the bolts $(\mathbf{1})$,

- the separation component.

REFITTING

REFITTING OPERATION FOR PART CONCERNED

Refit:

- the separation component,

- the bolts (1).

□ Torque tighten the **separation component bolts (8 Nm)**.



Equipment required

Diagnostic tool

Tightening torques \bigtriangledown	
seat belt bolt	23 Nm
seat belt mounting bolts	23 Nm

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 394, 88C, Airbags and pretensioners).
- Disconnect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).

B85



- Detach the seat belt by undoing bolt (1).
- Remove the B-pillar lower trim (see B-pillar trim: Removal - Refitting) (MR 393, 71A, Body internal trim).

C85

- Remove the complete rear bench seat (depending on the version):
 - (see Single unit rear bench seat base: Removal
 Refitting) (MR 393, 76A, Rear seat frames and runners),
 - (see Single unit rear bench seatback: Removal
 Refitting) (MR 393, 76A, Rear seat frames and runners),
 - (see 1/3 and 2/3 rear bench seat base: Removal
 Refitting) (MR 393, 76A, Rear seat frames and runners),
 - (see 1/3 and 2/3 rear bench seatback: Removal
 Refitting) (MR 393, 76A, Rear seat frames and runners).





- □ Remove the bolt (2) from the seat belt mounting.
- □ Remove the seat belt mounting (3).
- Remove the rear panel trim (see Rear panel lining: Removal - Refitting) (MR 393, 71A, Body internal trim).

II - OPERATION FOR REMOVAL OF PART CONCERNED

B85

□ Remove the cover and bolt (4).





- Disconnect the connector.
- Remove the bolt (6).
- □ Remove the belt.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED



- □ Refit the seat belt (3).
- □ Torque tighten the seat belt bolt (23 Nm) (7) .
- Connect the connectors.







II - FINAL OPERATION.

C85

Refit:

- the rear wing panel trim (see **Rear panel lining: Removal Refitting**) (MR 393, 71A, Body internal trim),
- the seat belt mounting (3).
- Refit the complete rear bench seat (depending on the version):
 - (see Single unit rear bench seatback: Removal Refitting) (MR 393, 76A, Rear seat frames and runners),
 - (see Single unit rear bench seat base: Removal
 Refitting) (MR 393, 76A, Rear seat frames and runners),
 - (see 1/3 and 2/3 rear bench seatback: Removal
 Refitting) (MR 393, 76A, Rear seat frames and runners),
 - (see 1/3 and 2/3 rear bench seat base: Removal Refitting) (MR 393, 76A, Rear seat frames and runners).
- □ Torque tighten the seat belt mounting bolts (23 Nm) (3).

B85

- Clip on the B-pillar lower trim (see B-pillar trim: Removal Refitting) (MR 393, 71A, Body internal trim).
- □ Fix the seat belt (1) back onto the seat.
- Connect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Unlock the airbag computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbags and pretensioners).

SAFETY ACCESSORIES Rear side seat belt: Removal - Refitting



Equipment required

Diagnostic tool

Tightening torques 灾	
seat belt inertia reel mounting bolt	21 Nm
seat belt return mecha- nism mounting bolt	21 Nm
seat belt lower mounting bolt	21 Nm

IMPORTANT

Before doing any work on a safety system component, always lock the airbag computer using the **Diagnostic tool**. When this function is activated, all the trigger lines are disabled and the airbag instrument panel warning light is continuously lit (with the ignition on).

IMPORTANT

Handling the pyrotechnic systems (airbags and pretensioners) near to a heat source or flame is prohibited: there is a risk of triggering the airbags or pretensioners.

IMPORTANT

For replacing safety components following an impact (see **Airbag and pretensioners: Pre-cautions for the repair**) (MR 392, 88C, Airbag and pretensioners).

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Lock the computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbags and pretensioners).
- Disconnect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Remove the rear bench seat (see Single unit rear bench seatback: Removal - Refitting) (MR 393, 76A, Rear seat frames and runners).

C85

Unclip the rear wing panel trim (see Rear panel lining: Removal - Refitting) (MR 393, 71A, Body internal trim).

B85

Remove the rear door sill upper lining (see Rear inner sill upper trim: Removal - Refitting) (MR 393, 71A, Body internal trim).

II - OPERATION FOR REMOVAL OF PART CONCERNED



- Remove:
 - the seat belt lower mounting bolt (1),
 - the rear quarter panel trim (see **Quarter panel trim: Removal Refitting**) (MR 393, 71A, Body internal trim).

SAFETY ACCESSORIES Rear side seat belt: Removal - Refitting





- □ Remove the seat belt return mechanism mounting bolt (2).
- □ Pull the inner trim away from the rear wheel arch.
- **□** Remove seat belt inertia reel unit mounting bolt (3).
- Disconnect the connector.
- □ Remove the inertia reel.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- □ Refit the seat belt inertia reel.
- □ Reconnect the connector.
- Torque tighten the seat belt inertia reel mounting bolt (21 Nm).
- □ Refit the upper seat belt return mechanism.
- Torque tighten the seat belt return mechanism mounting bolt (21 Nm).
- Refit the rear quarter panel trim (see Quarter panel trim: Removal - Refitting) (MR 393, 71A, Body internal trim).
- Torque tighten the seat belt lower mounting bolt (21 Nm).

II - FINAL OPERATION.

B85

Refit the rear door sill upper lining (see Rear inner sill upper trim: Removal - Refitting) (MR 393, 71A, Body internal trim).

C85

- Reattach the rear wing panel trim (see Rear panel lining: Removal - Refitting) (MR 393, 71A, Body internal trim).
- Refit the rear bench seat (see Single unit rear bench seatback: Removal - Refitting) (MR 393, 76A, Rear seat frames and runners).
- Connect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Unlock the computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbags and pretensioners).



Equipment required

Diagnostic tool

Tightening torques \heartsuit	
seat belt inertia reel mounting bolt	21 Nm
seat belt return mecha- nism mounting bolt	21 Nm
seat belt upper mount- ing bolt	21 Nm

IMPORTANT

Before doing any work on a safety system component, always lock the airbag computer using the **Diagnostic tool**. When this function is activated, all the trigger lines are disabled and the airbag instrument panel warning light is continuously lit (with the ignition on).

IMPORTANT

Handling the pyrotechnic systems (airbags and pretensioners) near to a heat source or flame is prohibited: there is a risk of triggering the airbags or pretensioners.

IMPORTANT

For replacing safety components following an impact (see **Airbag and pretensioners: Pre-cautions for the repair**) (MR 392, 88C, Airbag and pretensioners).

REMOVAL

I - REMOVAL PREPARATION OPERATION

- Lock the computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbags and pretensioners).
- Disconnect the battery (see Battery: Removal Refitting) (MR 392, 80A, Battery).
- Remove the rear bench seat (see Single unit rear bench seatback: Removal - Refitting) (MR 393, 76A, Rear seat frames and runners).

C85

Unclip the rear wing panel trim (see Rear panel lining: Removal - Refitting) (MR 393, 71A, Body internal trim).

B85

Remove the rear door sill upper lining (see Rear inner sill upper trim: Removal - Refitting) (MR 393, 71A, Body internal trim).

II - OPERATION FOR REMOVAL OF PART CONCERNED



- Remove central seat belt upper mounting bolt (1)
- Unclip the rear quarter panel trim (see Quarter panel trim: Removal Refitting) (MR 393, 71A, Body internal trim).





- □ Remove the plug (2).
- □ Remove the central seat belt upper mounting bolt



- □ Remove the seat belt return mechanism mounting bolt (3).
- □ Remove the upper seat belt return mechanism.
- □ Remove seat belt inertia reel unit mounting bolt (4).
- □ Remove the inertia reel.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- □ Refit the seat belt inertia reel.
- Torque tighten the seat belt inertia reel mounting bolt (21 Nm).
- □ Refit the upper seat belt return mechanism.
- □ Torque tighten the seat belt return mechanism mounting bolt (21 Nm).



Refit:

- the plug (5) ,
- the centre seat belt upper mounting bolt,
- the rear quarter panel trim (see **Quarter panel trim: Removal Refitting**) (MR 393, 71A, Body internal trim).
- Torque tighten the seat belt upper mounting bolt (21 Nm).

II - FINAL OPERATION.

B85

 Refit the rear door sill upper lining (see Rear inner sill upper trim: Removal - Refitting) (MR 393, 71A, Body internal trim).



C85

- Reattach the rear wing panel trim (see Rear panel lining: Removal - Refitting) (MR 393, 71A, Body internal trim).
- Refit the rear bench seat (see Single unit rear bench seatback: Removal - Refitting) (MR 393, 76A, Rear seat frames and runners).
- □ Connect the battery (see **Battery: Removal Refitting**) (MR 392, 80A, Battery).
- Unlock the computer using the Diagnostic tool (see Fault finding - Replacement of components) (MR 394, 88C, Airbags and pretensioners).

35 Nm



Tightening torques \heartsuit

flexible stalk mounting bolts

Note:

You do not need to remove the seat in order to remove the front flexible stalk.

REMOVAL

REMOVAL STAGE OF PART IN QUESTION



Disconnect the connector (1) .



- Unclip the wiring at (2).
- □ Remove bolt (3).
- □ Remove the flexible stalk.

REFITTING

REFITTING STAGE OF PART IN QUESTION



- □ Refit the flexible stalk.
- Tighten to torque the flexible stalk mounting bolts (35 Nm), (4).
- □ Attach the wiring.
- Connect the connector.



Tightening torques \bigtriangledown	
flexible stalk mounting bolts	21 Nm

REMOVAL

I - REMOVAL PREPARATION STAGE

□ Lift off the rear bench seat seat base.

II - REMOVAL STAGE OF PART IN QUESTION



- □ Remove bolt (1).
- □ Remove the flexible stalks.

REFITTING

I - REFITTING STAGE OF PART IN QUESTION



- Refit the flexible stalks.
- Tighten to torque the flexible stalk mounting bolts (21 Nm), (2).

II - FINAL STAGE

□ Reposition the seat base correctly.

SAFETY ACCESSORIES

Seat height adjustment system: Removal - Refitting



Tightening	torques	\heartsuit
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adjusting device mounting bolts 21 Nm

REMOVAL

I - REMOVAL PREPARATION STAGE

B85

- Remove:
 - the front seat belt (see **59A**, **Safety accessories**, **Front seat belt: Removal - Refitting**, page **59A-1**) partially,
 - the B-pillar lining (see **B-pillar trim: Removal Re-fitting**).

C85

- Remove:
 - the rear wing panel lining (see **Rear panel lining: Removal Refitting**),
 - the front seat belt (see **59A**, **Safety accessories**, **Front seat belt: Removal - Refitting**, page **59A-1**) partially,
 - the B-pillar upper lining (see **B-pillar upper trim: Removal Refitting**).

II - REMOVAL STAGE OF PART IN QUESTION



Remove bolt (1).

□ Remove the adjusting device.

REFITTING

I - REFITTING STAGE OF PART IN QUESTION



[□] Refit the adjusting device.

□ Tighten to torque the adjusting device mounting bolts (21 Nm), (2).

Seat height adjustment system: Removal - Refitting



II - FINAL STAGE

B85

Refit:

- the B-pillar lining (see **B-pillar trim: Removal Re-fitting**),
- the front seat belt (see 59A, Safety accessories, Front seat belt: Removal Refitting, page 59A-1)

C85

Refit:

.

- the B-pillar upper lining (see **B-pillar upper trim: Removal Refitting**),
- the rear wing panel lining (see **Rear panel lining: Removal Refitting**),
- the front seat belt (see 59A, Safety accessories, Front seat belt: Removal Refitting, page 59A-1)

SAFETY ACCESSORIES Door airbag module: Removal - Refitting



REMOVAL

I - REMOVAL PREPARATION OPERATION

Remove the door trim (see Front side door trim: Removal - Refitting) (MR 393, 72A, Side opening element trim).



- Open the access flap (1) according to the marking on the sealing film.
- □ Remove the front door rubbing strip (see 55A, Exterior protection, Front side door protective strip: Removal - Refitting, page 55A-37).

II - OPERATION FOR REMOVAL OF PART CONCERNED



- □ Remove the bolt (2).
- □ Unfasten clip (3).



□ Remove the door airbag module.

REFITTING

Refit:

- the door airbag module correctly,
- the bolt (2).



FINAL OPERATION.

- Refit the rubbing strip (see 55A, Exterior protection, Front side door protective strip: Removal -Refitting, page 55A-37).
- Close the door seal film (see Door sealing film: Removal - Refitting) (MR 393, 65A, Opening elements sealing).
- Refit the door trim (see Front side door trim: Removal - Refitting) (MR 393, 72A, Side opening element trim).