

84 10 332 Removing and installing the telematics control unit below the headlining (for equipment specification with panorama glass roof)



Scratches.

Tools and sharp-edged components can cause scratches.

- Protect working area.
- Handle tools and components carefully.

PRELIMINARY WORK

1 – Lower rear headlining



Fold the headlining.

If the headlining is folded, it may have to be replaced.

- Carry out tasks with a second person to assist.
- Support the headlining at the front and back.

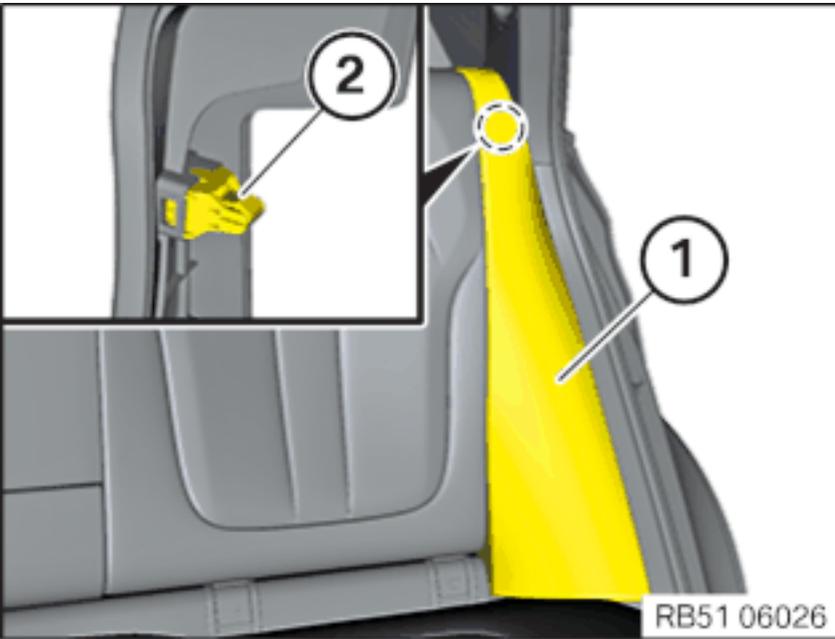
► **Remove backrest side section on left and right**



Description is for left component only. Procedure on the right side is identical.

▷ **Removing the backrest side section without side airbag**

- Reach behind backrest side section (1) from above and unclip it forwards from mounting element (2).
- Remove backrest side section (1) in the upward direction from the guide.



◀

▷ **Disconnecting all battery earth leads**

- See additional information.



◀

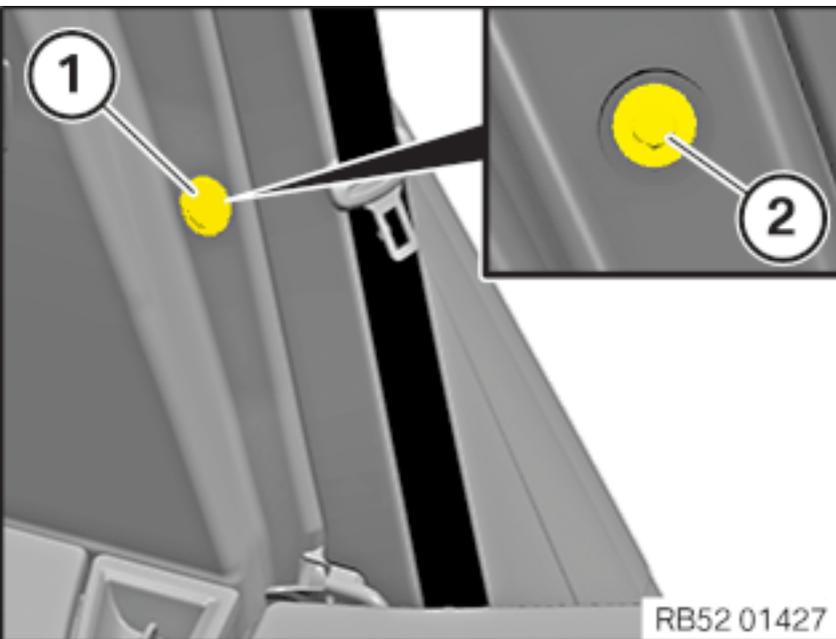
▷ **Removing backrest side section with side airbag**



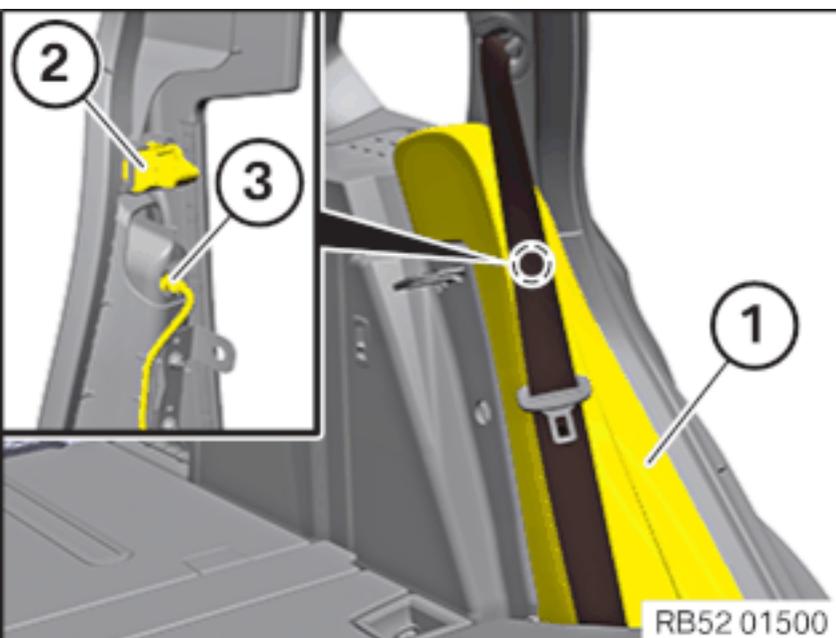
Airbag unit.

Danger! Life-threatening injuries!

- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- For additional information see: 72 00 ... Safety regulations on handling airbag system components/gas generators



- Release trim (1).
- Loosen screw (2).



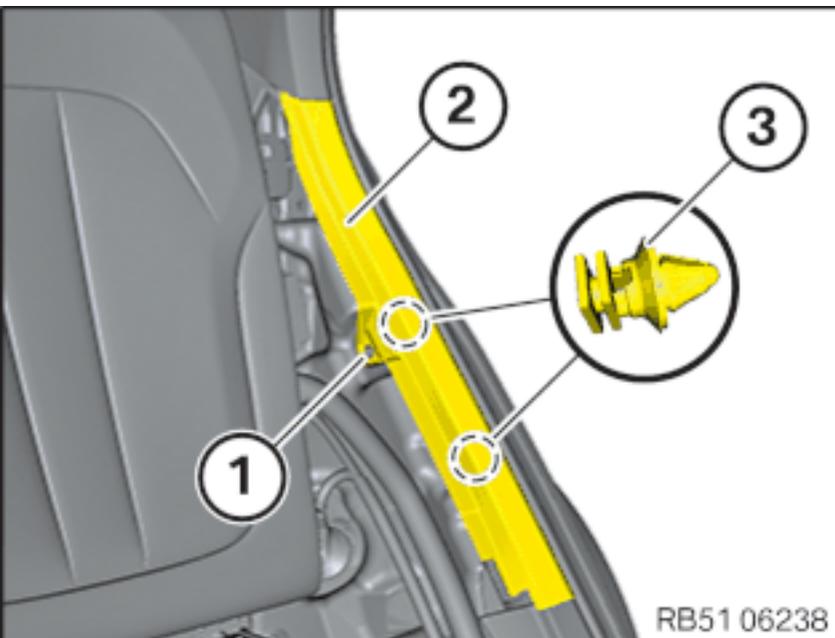
- Reach behind backrest side section (1) from above and unclip it forwards from mounting element (2).
- Unlock plug connection (3) and disconnect.
- Remove backrest side section (1) upwards from the guide.

► **Removing the bottom left and right C-pillar trim panels**

► **Remove the bottom C-pillar trim panel**



Description is for left component only. Procedure on the right side is identical.



- Loosen screw (1).
- Unclip C-pillar trim panel (2) from the clips (3).
- Thread out the C-pillar trim panel (2) from the door sill cover strip and remove.

◄

► **Removing rear door sill cover strip (with an electrical rear seat)**

► **Removing illuminated sill trim on rear sill trim**



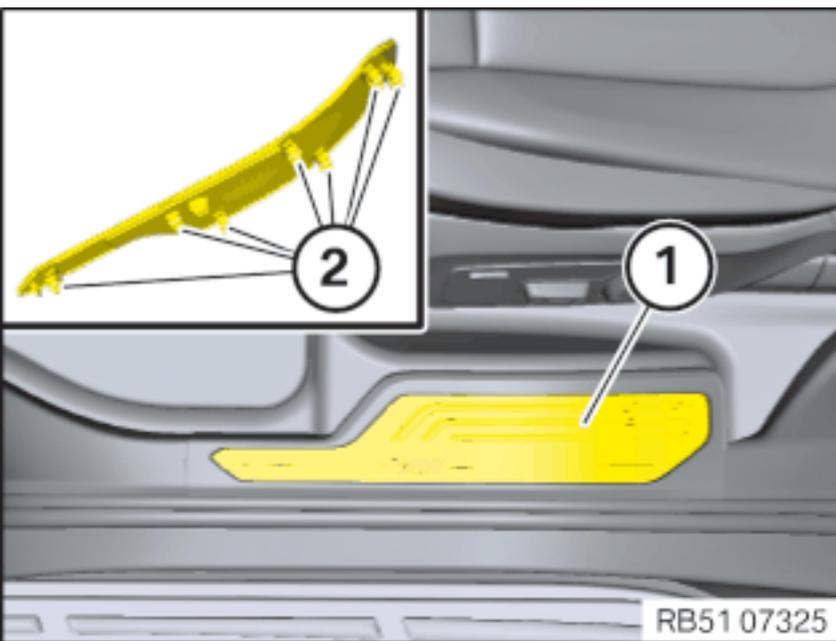
Bending of plastic parts.

Application of too much force can lead to bending of plastic parts.

- Place special tool directly beside the mounting clip.
- Continue unclipping the part without using the tool if possible.

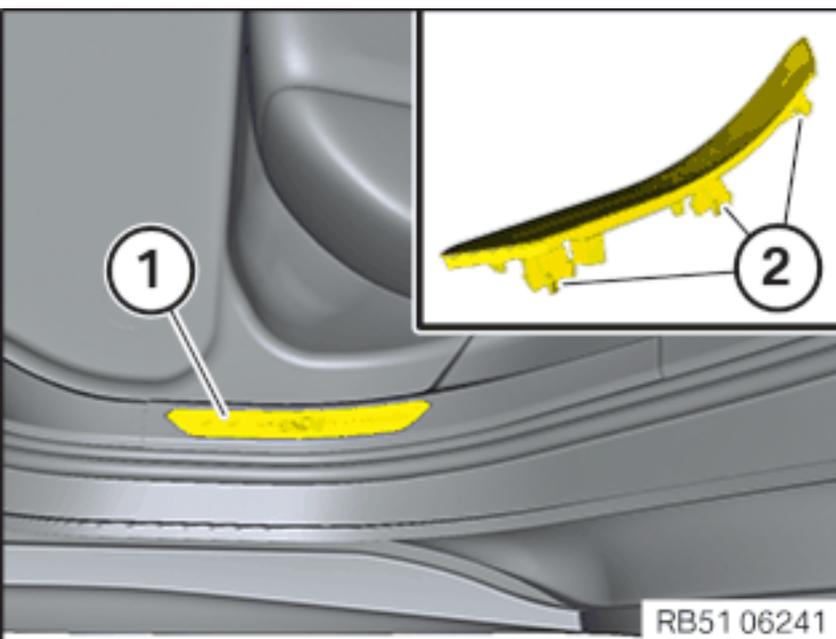


Description is for left component only. Procedure on the right side is identical.



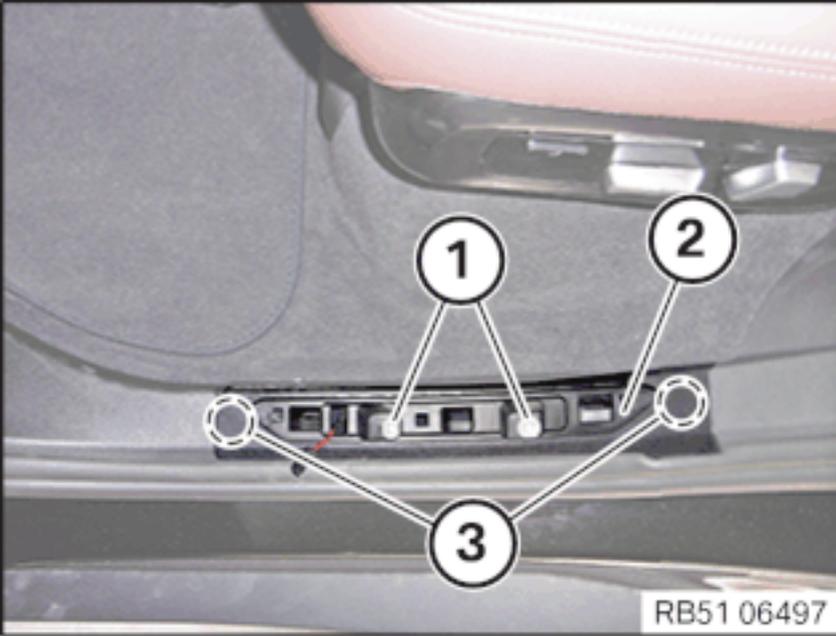
• **Version A:**

- Lever the illuminated sill trim (1) upwards out of latch mechanisms (2) using a suitable tool.
- Disconnect the plug connection and remove the illuminated sill trim (1).



• **Version B:**

- Lever the illuminated sill trim (1) upwards out of latch mechanisms (2) using a suitable tool.
- Disconnect the plug connection and remove the illuminated sill trim (1).



- Loosen screws (1).
- Release and remove the rear door sill cover strip (2) with the special tool **0 496 569 (00 9 325)** upwards at the latch mechanisms (3).

► **Removing bottom left and right C-pillar trim panel (3rd row of seats)**

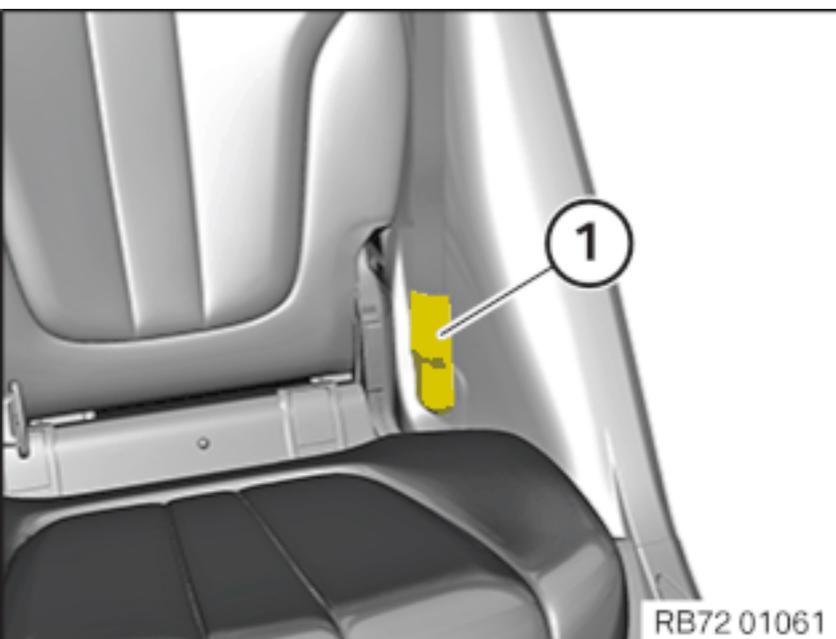


Description is for left component only. Procedure on the right side is identical.

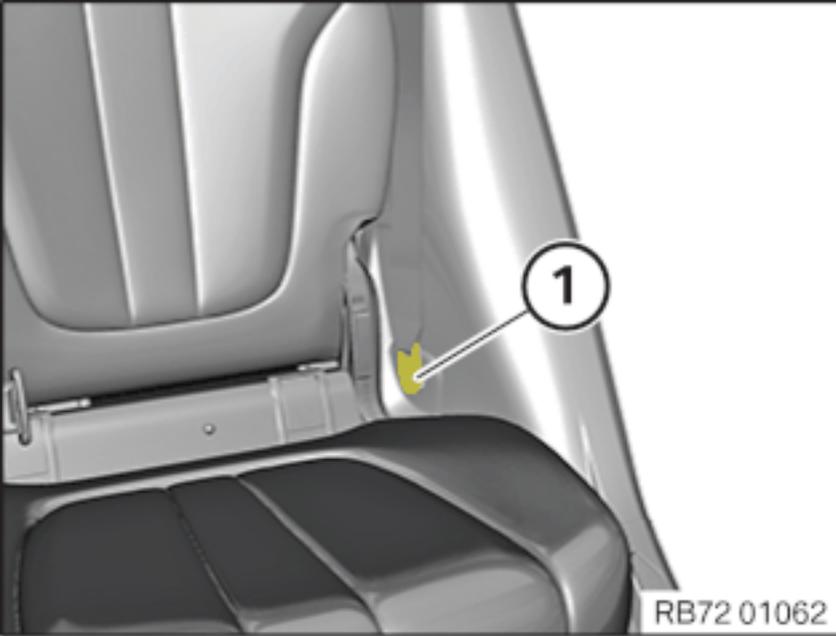
► **Removing rear right end fitting on lower section of body (3rd row of seats)**

Prerequisite

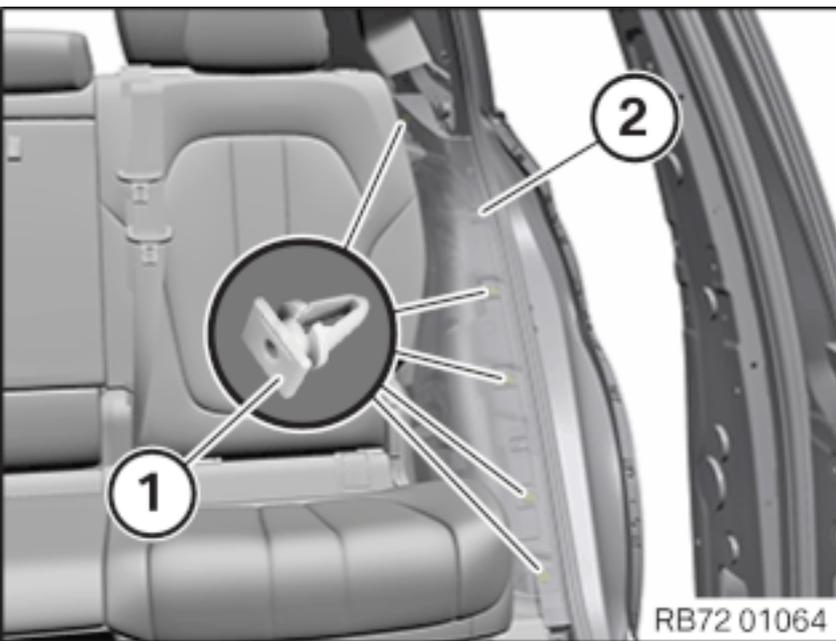
Move the 2nd row of seats fully to the front.



- Unclip rubber cover (1).



- Loosen screw (1).



◀

- Unclip bottom C-pillar trim panel (2) from clips (1).
- Remove the C-pillar trim panel (2).

▶ **Removing the left and right C-pillar trim panels**

▶ **Remove C-pillar trim panel**



Airbag unit.

Danger! Life-threatening injuries!

- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- For additional information see: 72 00 ... Safety regulations on handling airbag system components/gas generators



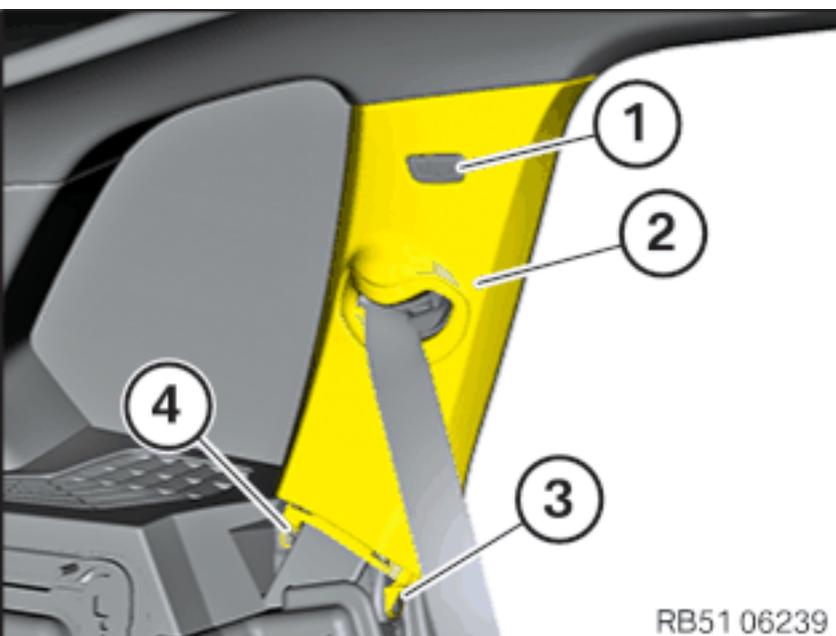
Pyrotechnic components.

Danger! Life-threatening injuries!

- All work on pyrotechnic parts may be carried out by technically experienced and appropriately trained personnel only.
- Replace any damaged part or ones that have been dropped.
- For additional information see: 72 00 Safety regulations on handling components with gas generators.



Description is for left component only. Procedure on the right side is identical.



- Lever out the cover (1) from the C-pillar trim panel (2) with a suitable tool.
- Release screw below it.
- Loosen expanding rivet (3).
- Loosen screw (4).
- Guide out C-pillar trim panel (2) upwards and remove it.



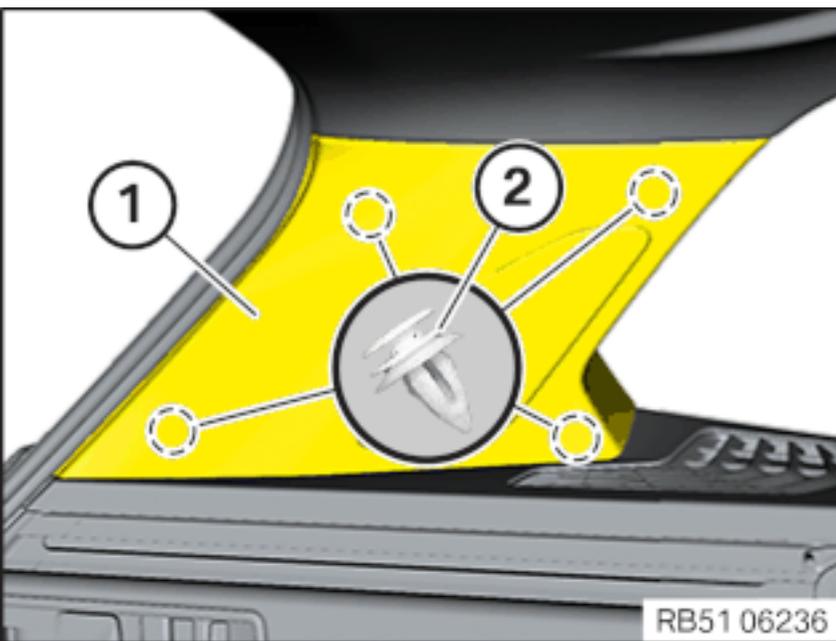
► **Remove D-pillar trim panel at left and right**



Description is for left component only. Procedure on the right side is identical.

► **Remove the D-pillar trim panel**

- Release and guide out D-pillar trim panel (1) from clips (2).

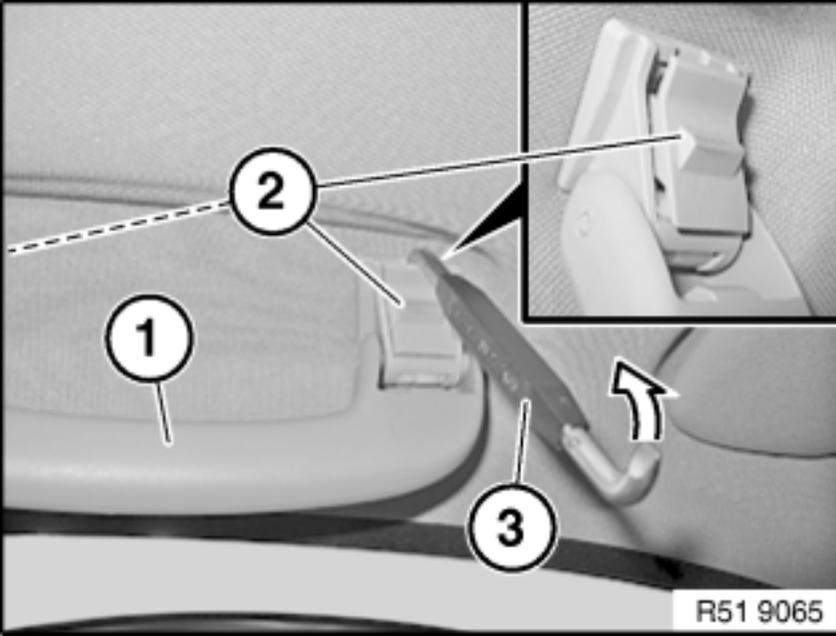


► **Remove rear grab handles**

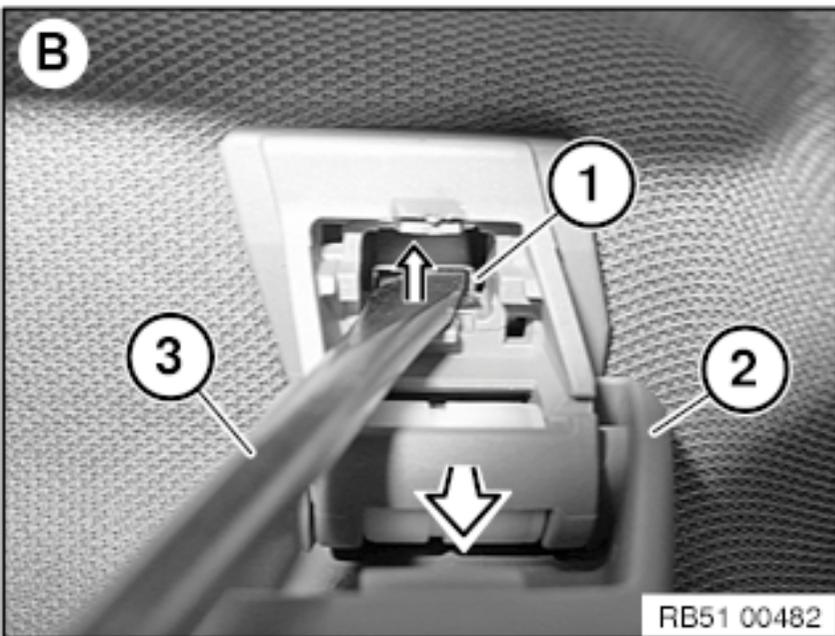


The description is for one component only. The procedure is identical for all further components.

► **Removing the grab handle**



- Expand the grab handle (1) towards the bottom.
- Disengage and remove the locking insert (2) with an angle screwdriver (3) as shown.



- Pull the grab handle (2) slightly to the inside and hold it.
- Use a suitable screwdriver (3) to detach the upper and lower release tabs (1).
- Guide the grab handle (2) out.
- Repeat the operation on the other side of the grab handle (2).

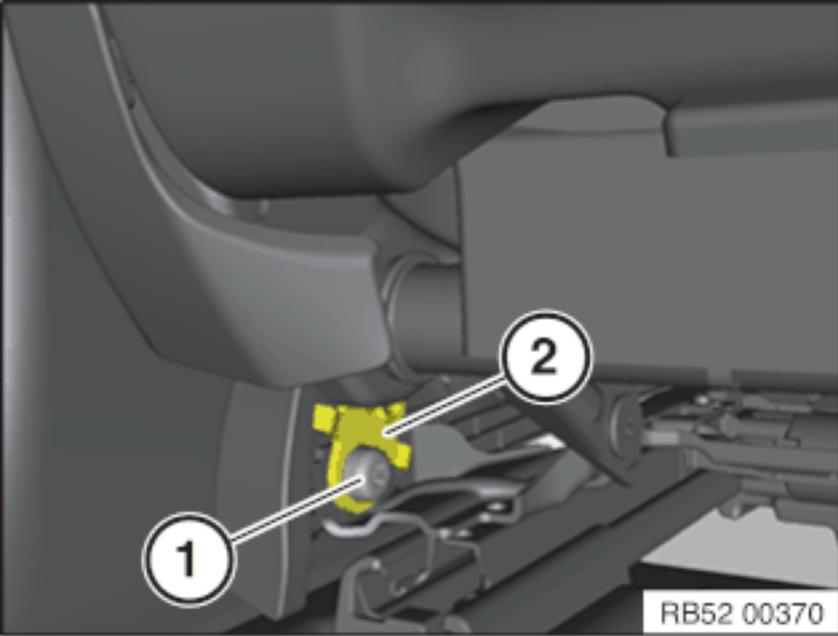
◀

▶ **Removing B-pillar trim panels at top left and right**

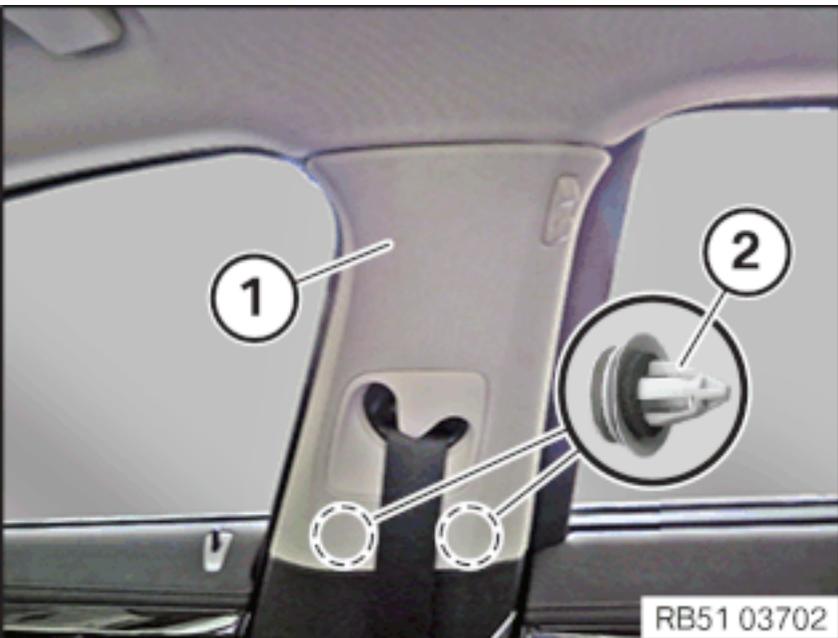
▶ **Remove the upper B-pillar trim panel**



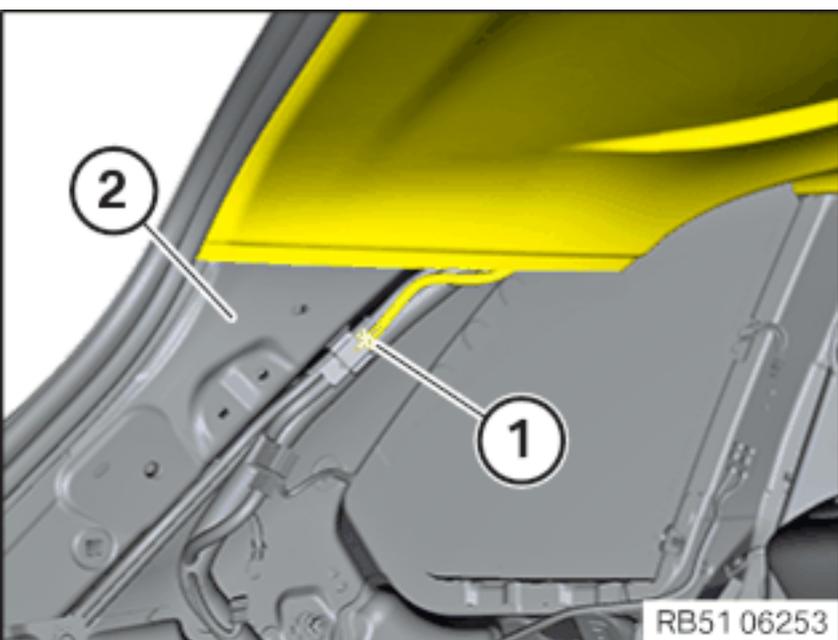
Description is for left component only. Procedure on the right side is identical.



- Fully position the front seat to the front and top.
- Loosen screw (1).
- Remove end fitting (2).

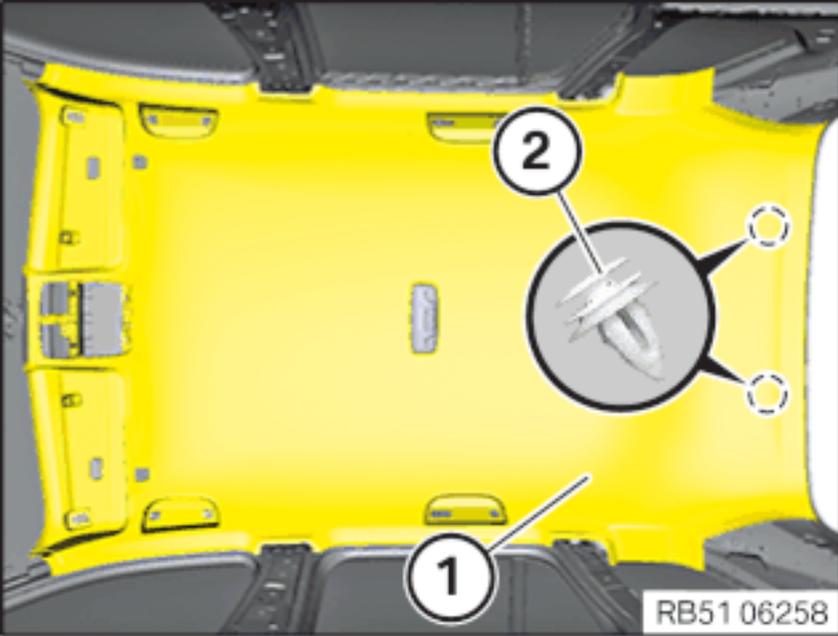


- Release the B-pillar trim panel (1) from the clips (2) and guide it downwards out of the headliner.
- Remove the B-pillar trim panel (1) and, when doing so, guide out the seat belt.



△

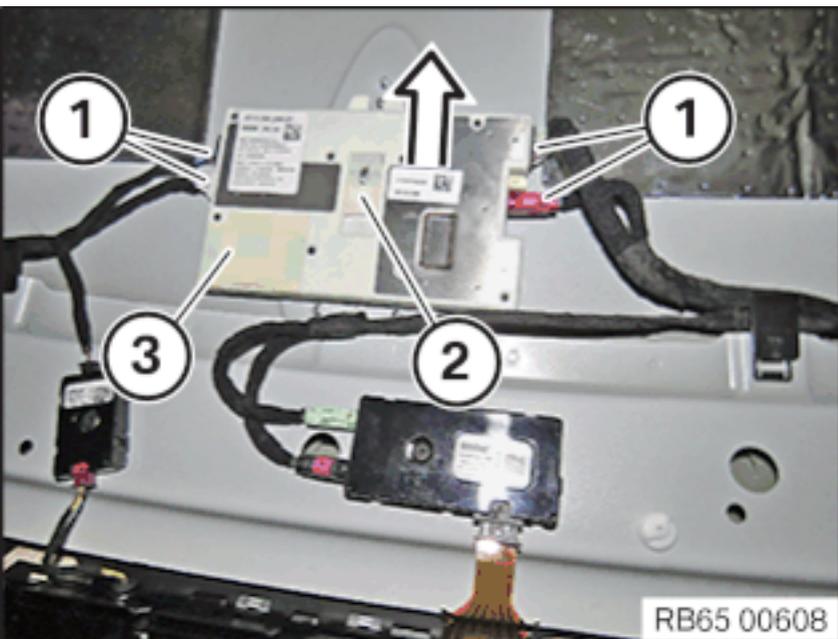
- Unlock and disconnect plug connection (1) in the area of D-pillar (2) on the left.



- Loosen the headlining (1) at the clips (2).
- Guide out the headlining (1) to the bottom at the respective rear edge protection.
- Lower headlining (1) carefully at the rear by approximately 15 cm and support it.

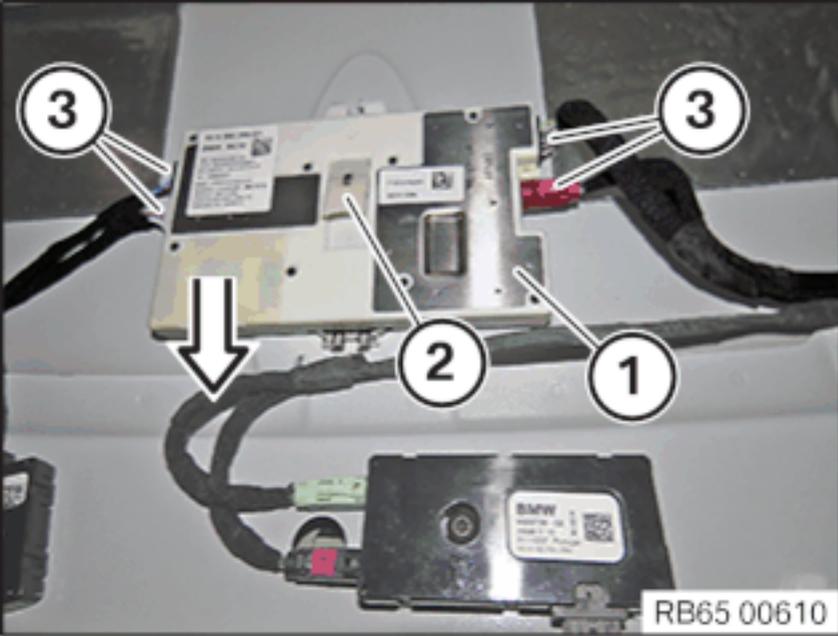
MAIN WORK

2 – Removing the telematics control unit



- Unlock and disconnect connector (1).
- Unlock the lock (2) downward.
- Slide the telematics control unit (3) in the direction of the arrow and remove.

3 – Installing the telematics control unit



- Correctly position the telematics control unit (1) and push it in the direction of the arrow until the lock (2) engages.
- Position and connect the connectors (3).

POSTPROCESSES

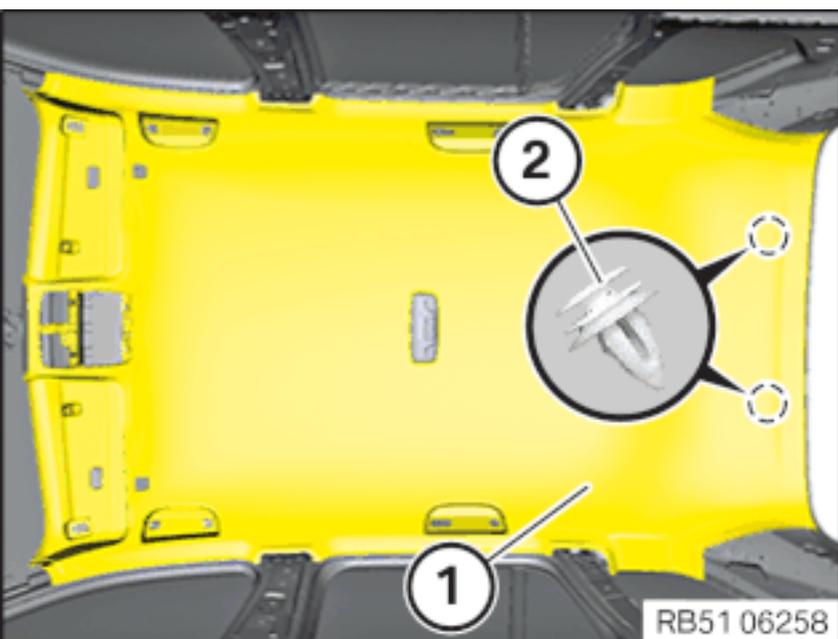
4 – Installing rear headlining (lowered)



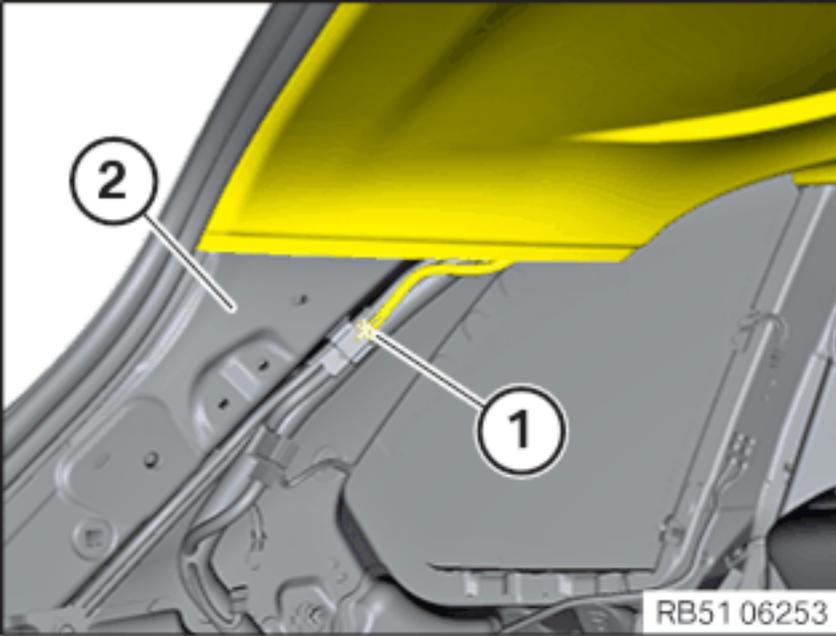
Fold the headlining.

If the headlining is folded, it may have to be replaced.

- Carry out tasks with a second person to assist.
- Support the headlining at the front and back.



- Lever out the headlining (1) carefully and clip in to the clips (2).
- Feed in the headlining (1) at the seal for the tailgate.
- Feed in the headlining (1) on the relative rear edge protection.

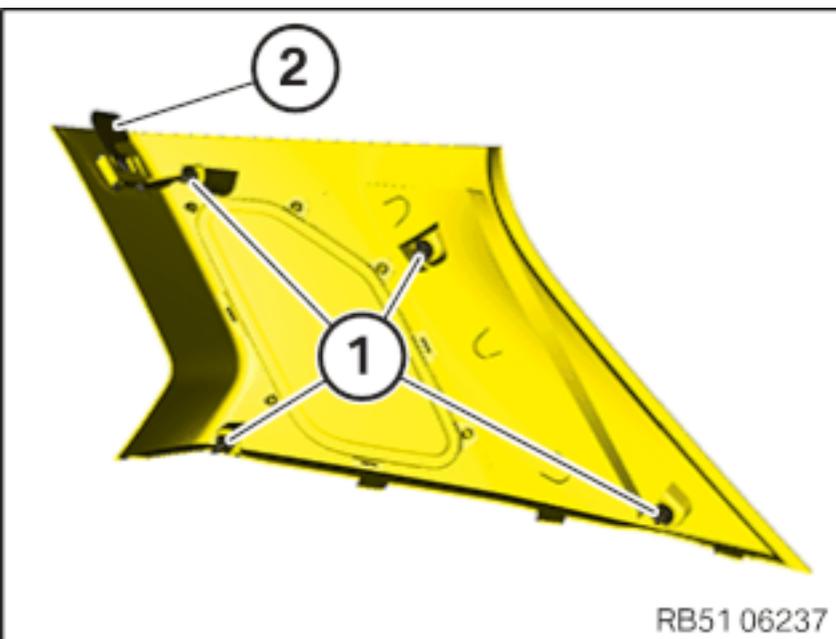


- Connect and lock connectors (1) in the area of left D-pillar (2).

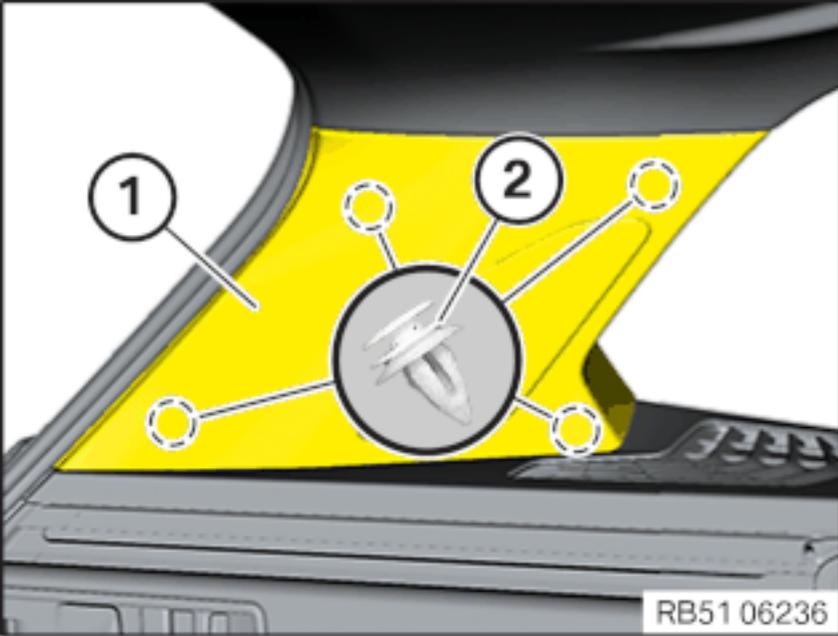
► **Install D-pillar trim panel at left and right**



Description is for left component only. Procedure on the right side is identical.



- **Install the D-pillar trim panel**
- Check clips (1) and guide (2).
Renew damaged clips (1) or guide (2).



- Position D-pillar trim panel (1) correctly and clip it into clips (2).

◀

▶ **Install C-pillar trim panel at left and right**

▶ **Installing C-pillar trim panel**



Airbag unit.

Danger! Life-threatening injuries!

- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- For additional information see: 72 00 ... Safety regulations on handling airbag system components/gas generators



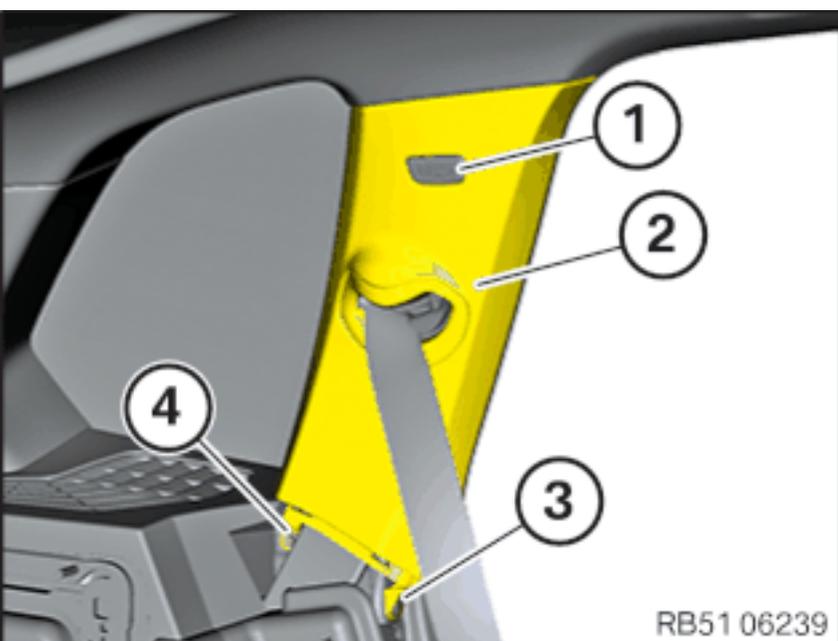
Pyrotechnic components.

Danger! Life-threatening injuries!

- All work on pyrotechnic parts may be carried out by technically experienced and appropriately trained personnel only.
- Replace any damaged part or ones that have been dropped.
- For additional information see: 72 00 Safety regulations on handling components with gas generators.



Description is for left component only. Procedure on the right side is identical.



- Guide in and install C-pillar trim panel (2).
- Tighten down screw (4).

C-pillar trim panel to body

Bolt 4,8x19		Tightening torque	3,0 Nm
----------------	--	----------------------	-----------

- Install the expanding rivet (3).
- Tighten screw and mount cover (1).

Body pillar trim

Bolt 4,8x38		Tightening torque	3,0 Nm
----------------	--	----------------------	-----------

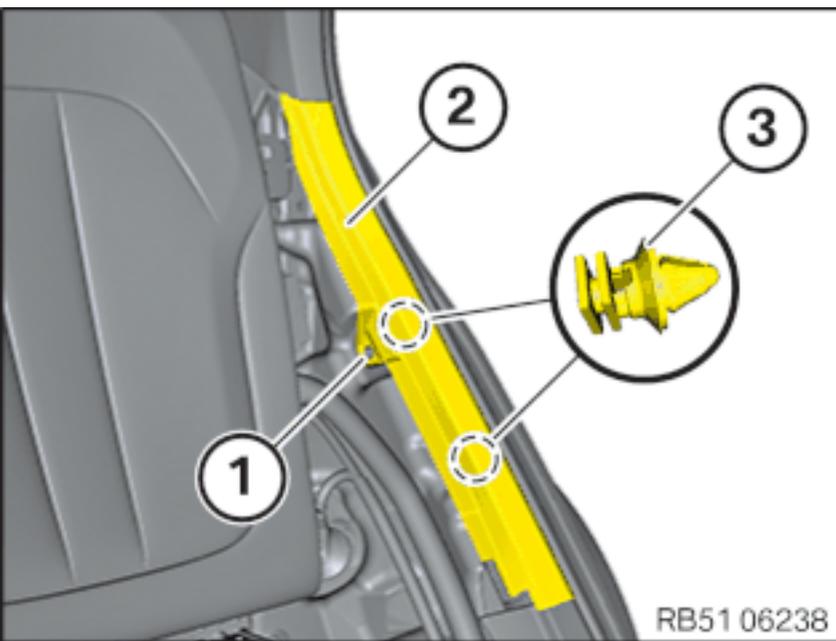


► **Install C-pillar trim panel at bottom left and right**

► **Install the bottom C-pillar trim panel**



Description is for left component only. Procedure on the right side is identical.



- Guide C-pillar trim panel (2) into the door sill cover strip and position it correctly.
- Clip C-pillar trim panel (2) into clips (3).
- Tighten down screw (1).

Bottom C-pillar trim panel to body

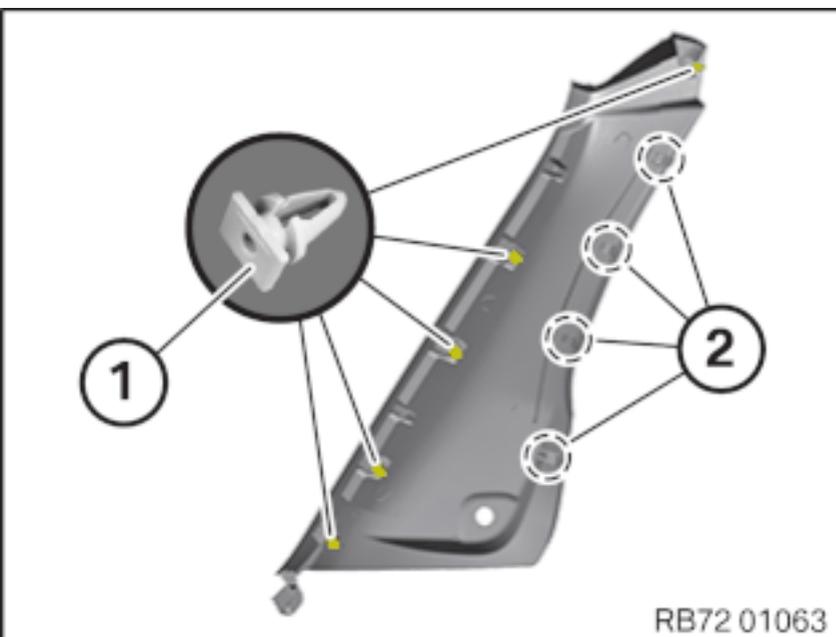
Bolt 4,8x16		Tightening torque	1,4 Nm
----------------	--	----------------------	-----------

◀

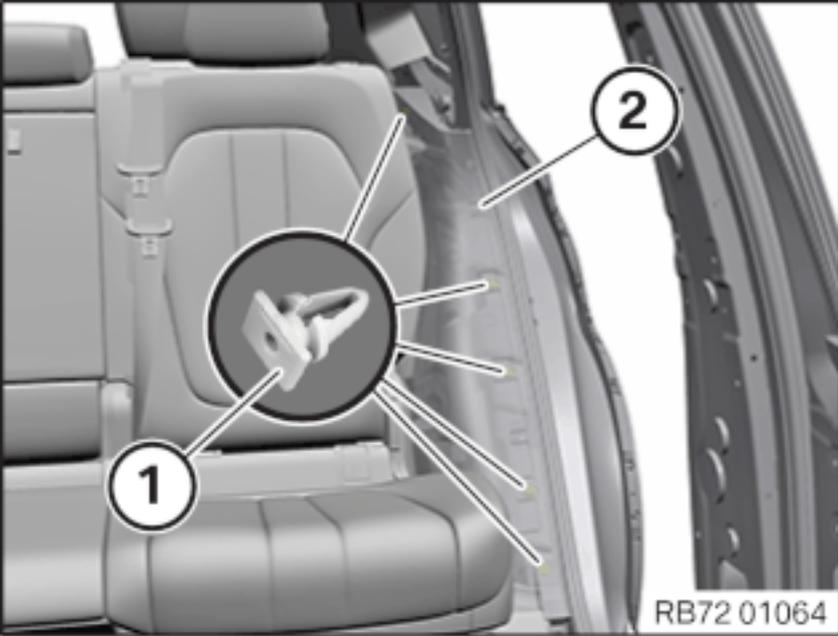
► Installing bottom left and right C-pillar trim panel (3rd row of seats)



Description is for left component only. Procedure on the right side is identical.



- Check the clips (1) for damage and renew where required.
- Check guide pin (2) for damage, renew the C-pillar trim panel if required.

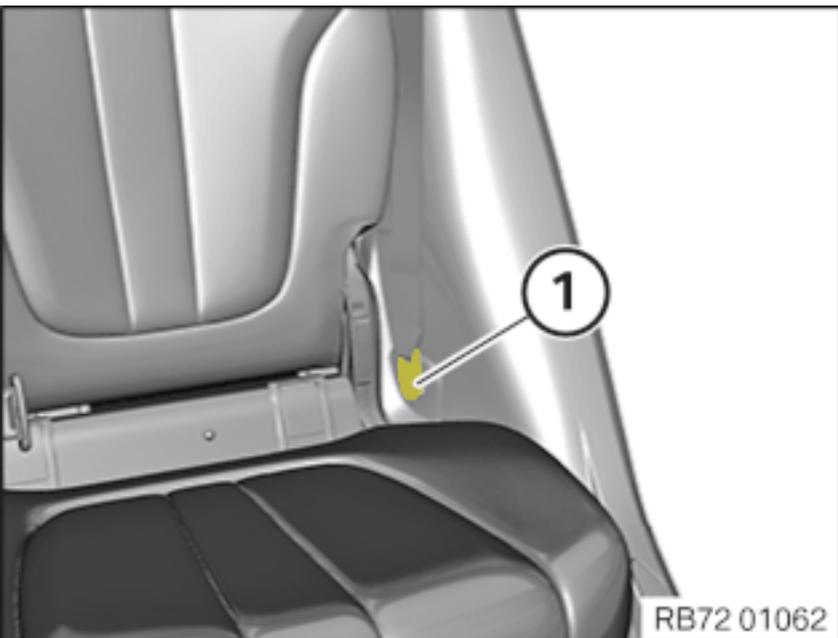


- Position C-pillar trim panel (2) and clip it onto the clips (1).

► **Installing the end fitting at rear right on the body (3rd row of seats)**

Prerequisite

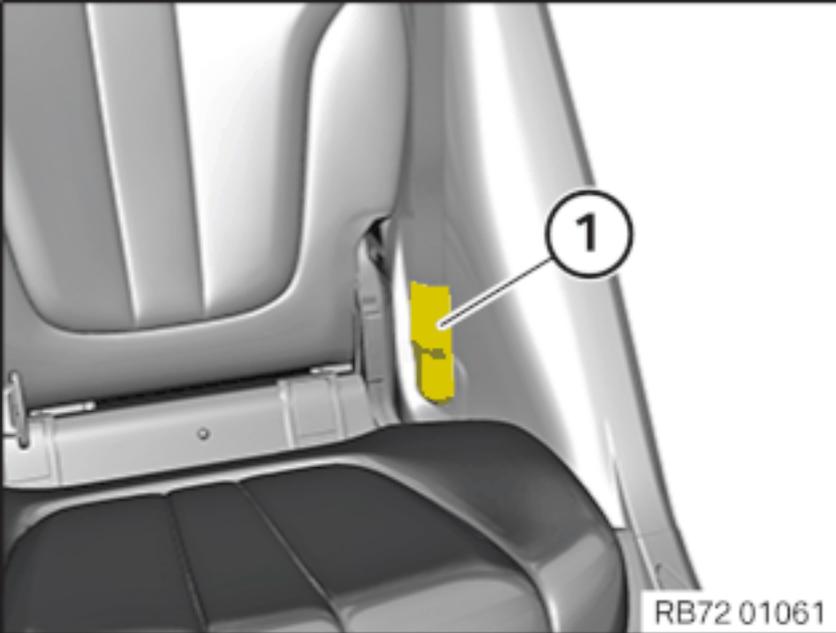
The 2nd row of seats is adjusted fully to the front.



- Tighten down screw (1).

End fitting on body, bottom

Screw		Tightening torque	42 Nm
-------	--	-------------------	-------



- Clip in rubber cover (1).

◀

► Installing rear door sill cover strip (with an electrical rear seat)



Bending of plastic parts.

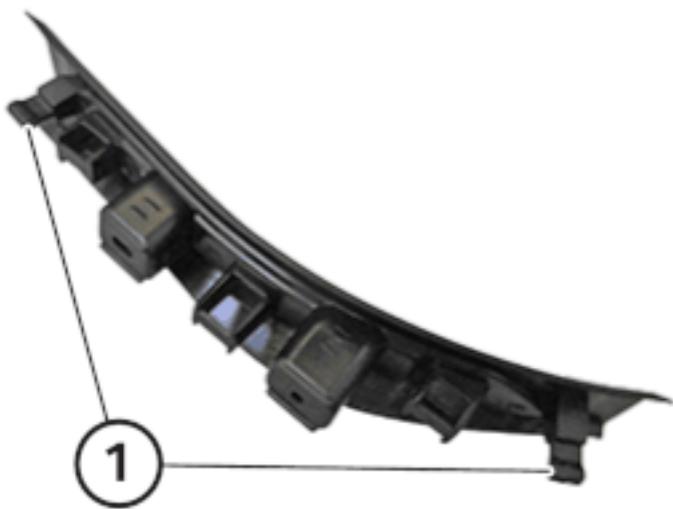
Application of too much force can lead to bending of plastic parts.

- Place special tool directly beside the mounting clip.
- Continue unclipping the part without using the tool if possible.



Description is for left component only. Procedure on the right side is identical.

- Retaining lugs (1) must not be missing or damaged.

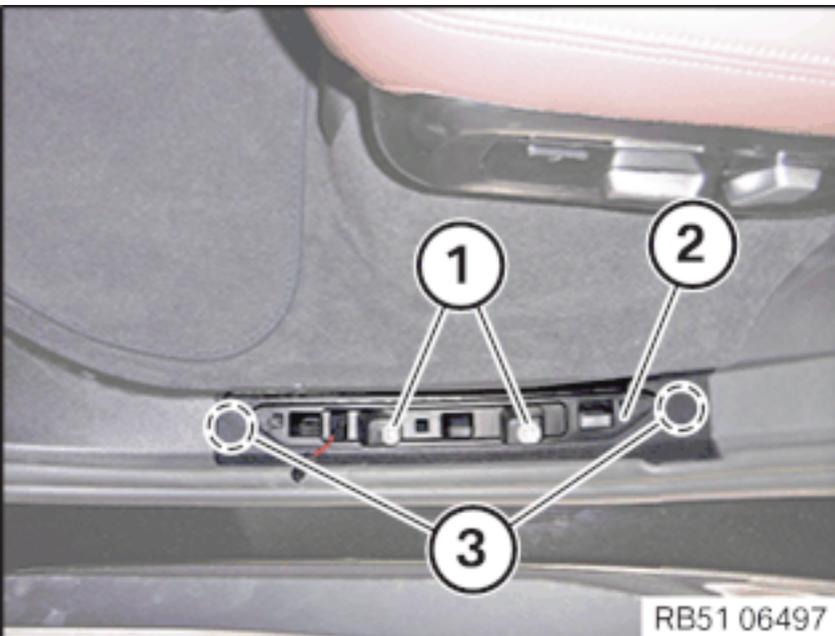


RB51 06498

- Position the rear door sill cover strip (2) on the body.
- Engage rear door sill cover strip (2) in latch mechanisms (3).
- Tighten the screws (1).

Door sill cover strip to body

Bolt 4,8x16		Tightening torque	1,4 Nm
----------------	--	----------------------	-----------



RB51 06497

► Installing illuminated sill trim on rear door sill



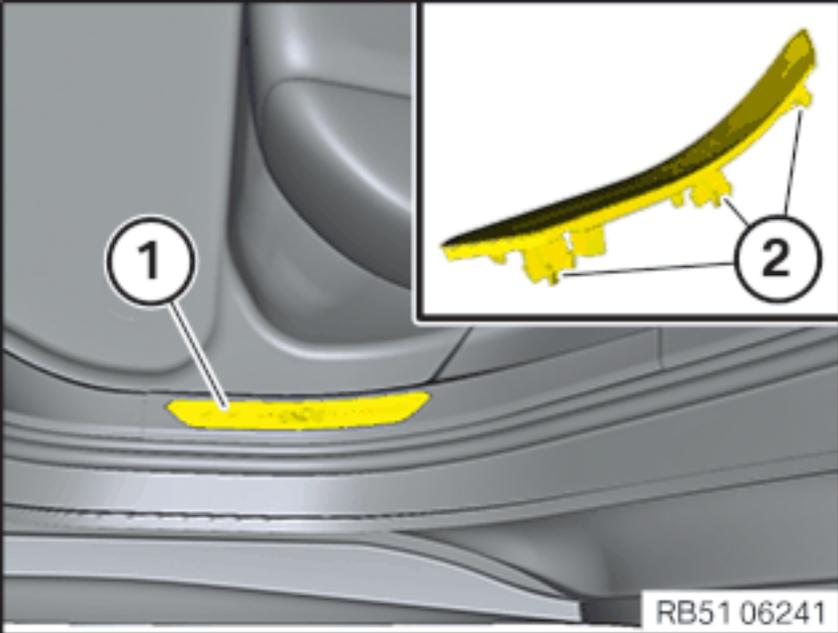
Bending of plastic parts.

Application of too much force can lead to bending of plastic parts.

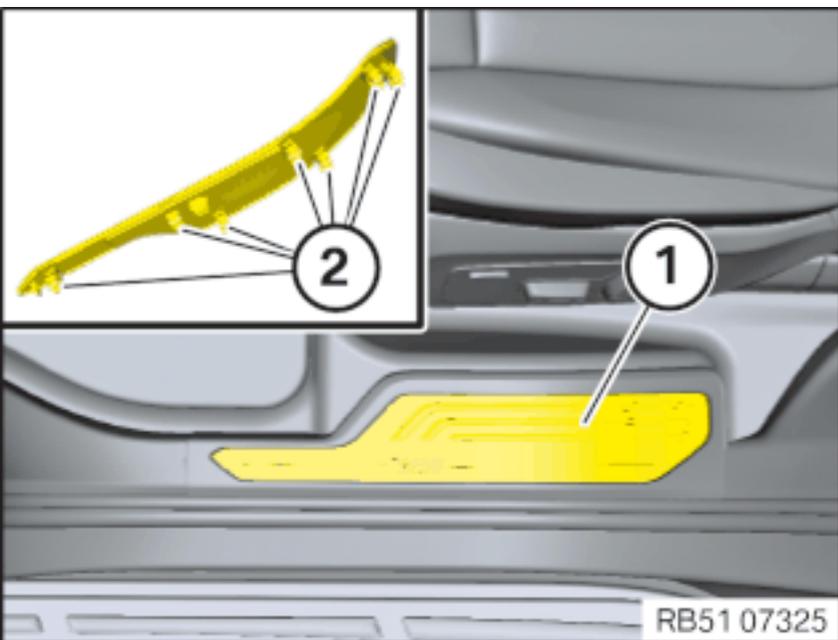
- Place special tool directly beside the mounting clip.
- Continue unclipping the part without using the tool if possible.



Description is for left component only. Procedure on the right side is identical.



- **Version A:**
- Check the latch mechanisms (2).
If latch mechanisms (2) are damaged, renew the illuminated sill trim (1).
- Install the illuminated sill trim (1) while connecting the connector.
- Position the illuminated sill trim (1) and lock it into latch mechanisms (2).



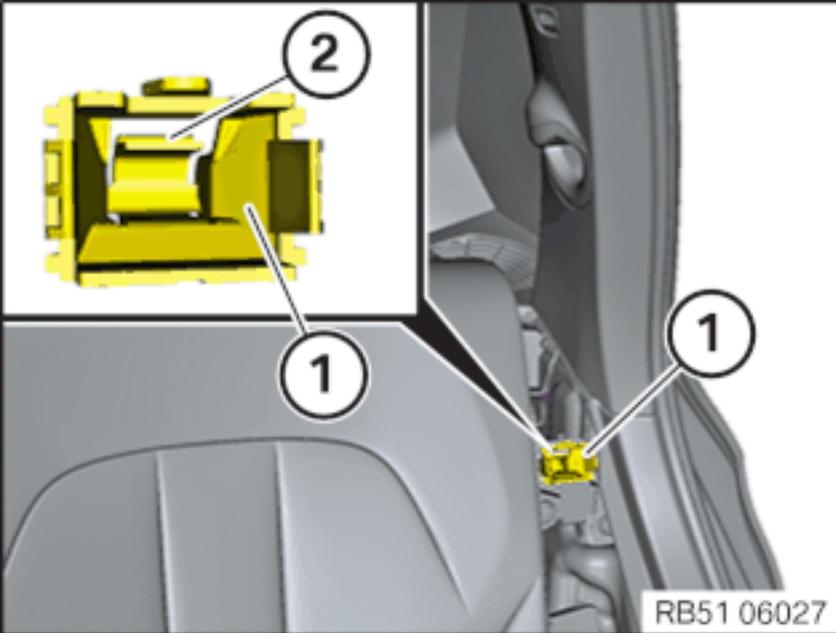
- **Version B:**
- Check the latch mechanisms (2).
If latch mechanisms (2) are damaged, renew the illuminated sill trim (1).
- Install the illuminated sill trim (1) while connecting the connector.
- Position the illuminated sill trim (1) and lock it into latch mechanisms (2).

△

► **Install the backrest side section on the left and right**

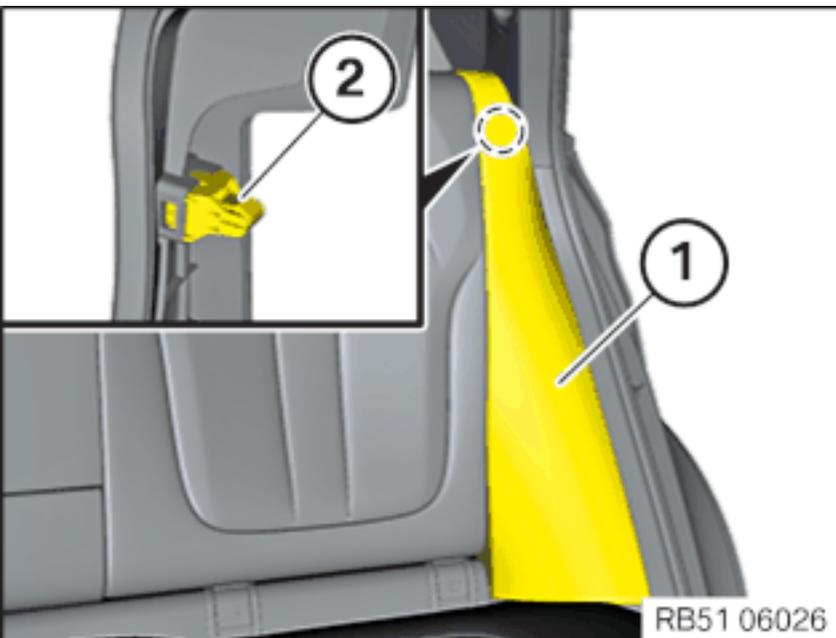


Description is for left component only. Procedure on the right side is identical.



- Release mounting element (1) from latch mechanism (2) and remove it from the body.
 - Check mounting element (1) for damage, renew if necessary.
- The mounting element must not be damaged or missing.
- Fit mounting element (1) on the backrest side section.

▷ Installing the backrest side section without side airbag



- Insert lower backrest side section (1) into the guide and position it correctly.
- Clip in backrest side section (1) to mounting element (2).

◀

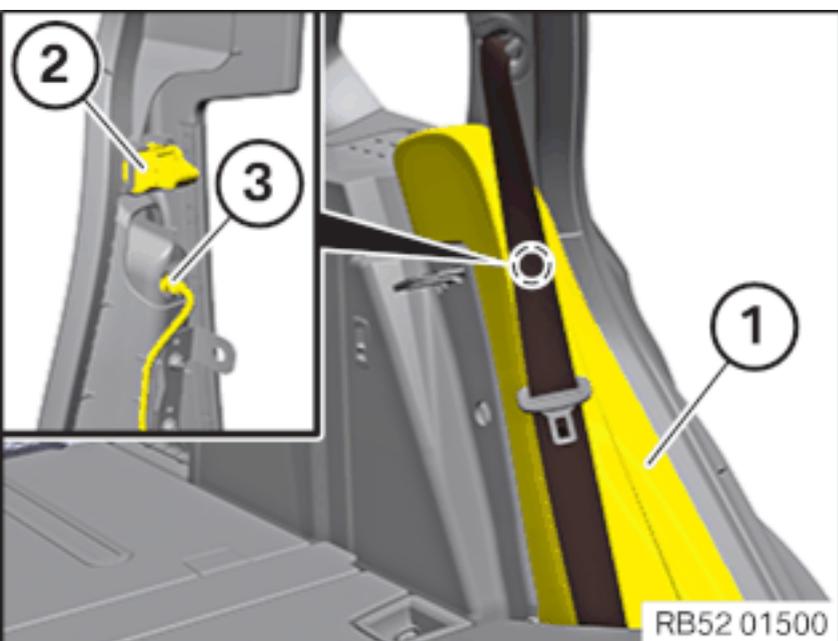
▷ Installing backrest side section with side airbag



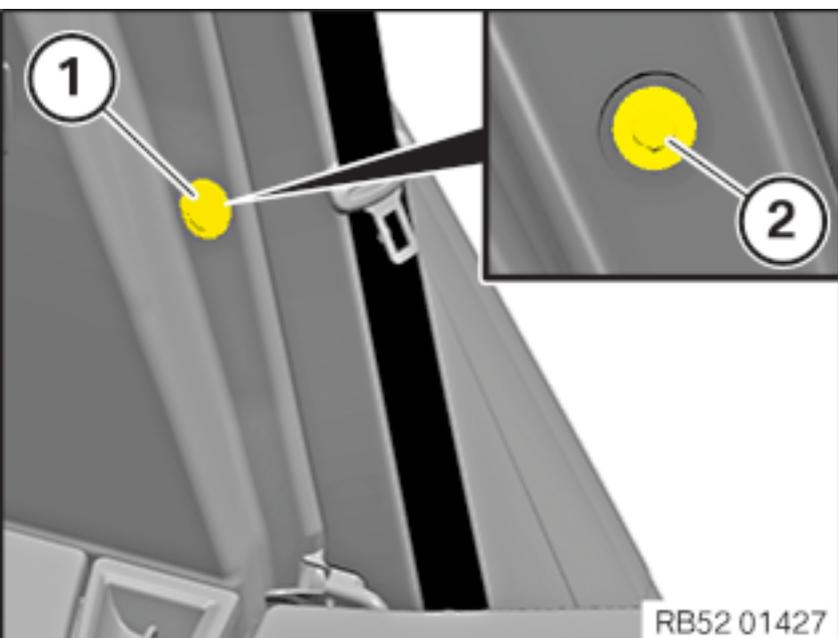
Airbag unit.

Danger! Life-threatening injuries!

- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- For additional information see: 72 00 ... Safety regulations on handling airbag system components/gas generators



- Connect connector (3).
The connector must engage audibly.
- Feed backrest side section (1) into the lower guide and position it correctly.
- Clip in backrest side section (1) to mounting element (2).



- Renew the screw (2).
Parts: Screw
- Tighten down screw (2).

Backrest side section on backrest lock adapter plate

Screw	Renew screw.	Tightening torque	8 Nm

- Clip in the trim (1).

▷ **Disconnecting all battery earth leads**

- See additional information.



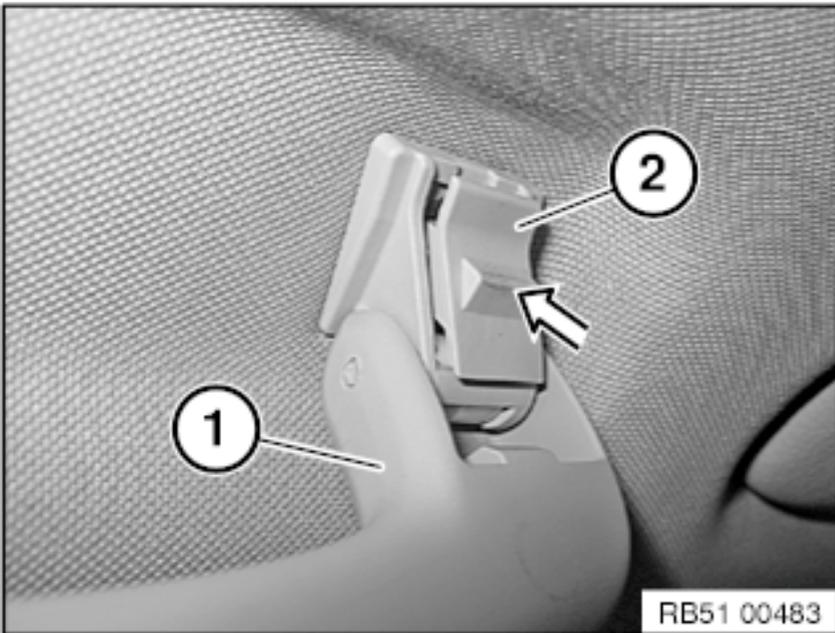
◀

▶ **Installing rear grab handles**



The description is for one component only. The procedure is identical for all further components.

▶ **Installing the grab handle**



- Insert the grab handle (1) into body.
- Correctly clamp in the grab handle (1), as otherwise the locking inserts (2) on the grab handle (1) cannot correctly engage.
- Engage the locking inserts (2) on both sides of the grab handle (1).

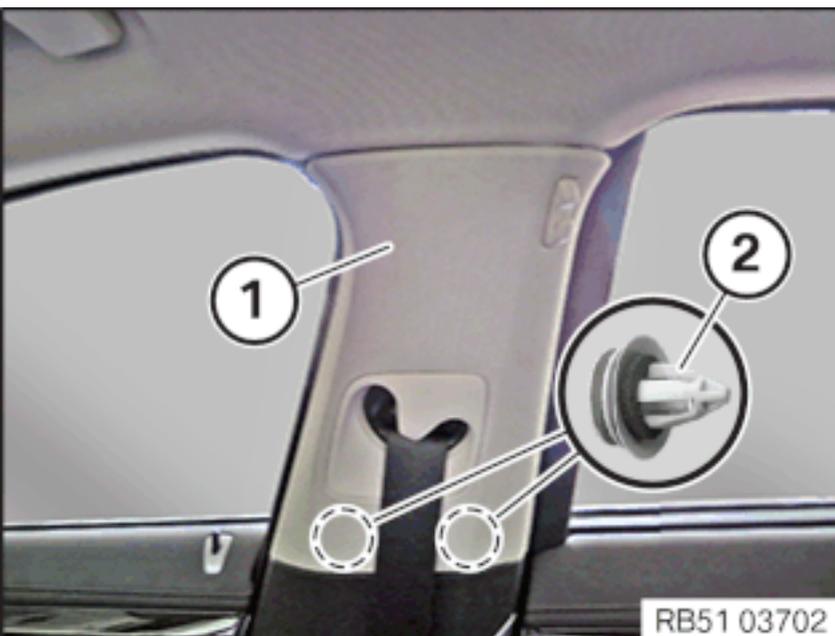
◀

► Installing the top left and right B-pillar trim panels

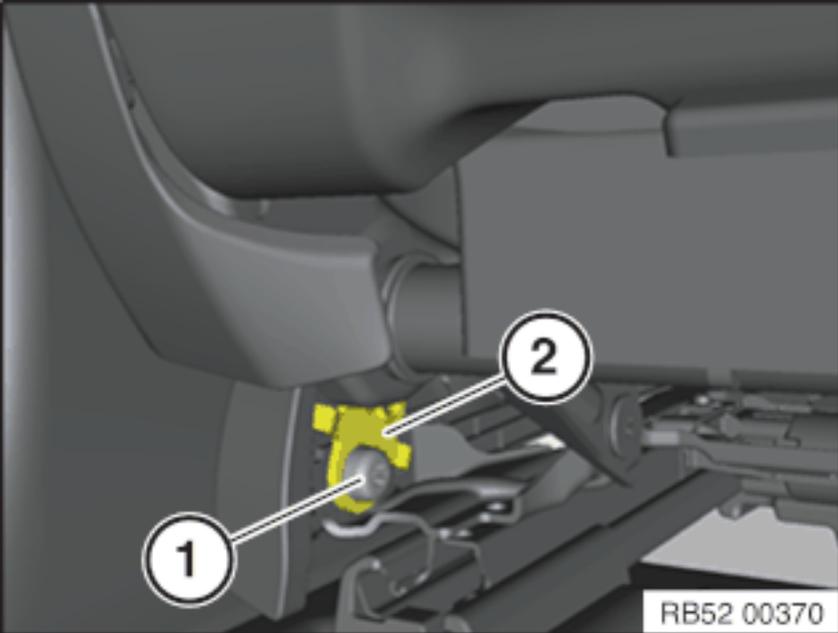
► Install upper B-pillar trim panel



Description is for left component only. Procedure on the right side is identical.



- Install the B-pillar trim panel (1) and guide in the seat belt.
- Guide in the top B-pillar trim panel (1) on the headliner and clip it in with the clips (2).
- Check the B-pillar trim panel (1) for correct fit at the front and rear edge protection.



- Fully position the front seat to the front and top.
 - Insert the end fitting (2).
 - Renew the screw (1).
- Parts:** Screw
- Tighten down screw (1).

End fitting to seat mechanism

M10	Renew screw.	Tightening torque	42 Nm
-----	--------------	-------------------	-------



Additional Information

Overview of Tightening Torques

C-pillar trim panel to body Used in step [4](#)

Bolt 4,8x19	Tightening torque	3,0 Nm
-------------	-------------------	--------

Body pillar trim Used in step [4](#)

Bolt 4,8x38	Tightening torque	3,0 Nm
-------------	-------------------	--------

Bottom C-pillar trim panel to body Used in step [4](#)

Bolt 4,8x16	Tightening torque	1,4 Nm
-------------	-------------------	--------

End fitting on body, bottom Used in step [4](#)

Screw	Tightening torque	42 Nm
-------	-------------------	-------

Door sill cover strip to body Used in step [4](#)

Bolt 4,8x16	Tightening torque	1,4 Nm
-------------	-------------------	--------

Backrest side section on backrest lock adapter plate

Used in step 4

Screw	Renew screw.	Tightening torque	8 Nm
-------	--------------	-------------------	------

End fitting to seat mechanism

Used in step 4

M10	Renew screw.	Tightening torque	42 Nm
-----	--------------	-------------------	-------

Overview of Special Tools

0 496 569 (00 9 325) Wedge



Common

Used in step 1

Usage (Panel wedge) From 11/2008 this special tool replaces panel wedge 00 9 317 (different material)

Included in the tool or work 0 490 527

Storage location Individual

Replaced by

In connection with

SI-Number 41 01 09 (507)

Links

Functional descriptions

Used in step

[Terminal control, Parking-Residing-Driving](#)

General repair instructions

Used in step

[72 00 ... Safety regulations for handling components with gas generators](#) 1 4

Repair instructions

Used in step

61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting the battery earth lead (all battery earth leads)	1	4
61 20 900 Disconnecting and connecting the battery earth lead (all battery earth leads)	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting the battery earth lead (all battery earth leads)	1	4
61 20 900 Disconnect and connect battery earth lead (Plug-in Hybrid Electric Vehicle)	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting the battery earth lead (all battery earth leads)	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4
61 20 900 Disconnecting and connecting battery earth lead	1	4

For informational purposes only. The information on this website is provided AS-IS with no warranties, express or implied, and is not guaranteed to be error-free, up-to-date or complete. Newtis.info and BMW assume no liability for any loss or damage arising from the use or reliance on the information and content on this website. The content on this website is subject to change without notice.