

54 13 086 Removing and installing panoramic glass sunroof

Overview of Activities

Additional Information

Preliminary Work

- 1 Removing the front panorama glass roof panel
- 2 Removing the rear panorama glass roof panel
- 3 Removing the covers for the interior mirror
- 4 Remove both sun visors and counter supports
- 5 Remove both microphones
- 6 Removing front vanity mirror light
- 7 Removing the roof function centre (FZD)
- 8 Remove left and right A-pillar trim panel
- 9 Partially removing both B-pillar trim panels
- 10 Remove interior roof light
- 11 Removing the C-pillar trim panel on the left and right
- 12 Removing the D-pillar trim panels on the left and right
- 13 Removing all coat hooks
- 14 Clip in the 3rd Removing the brake light
- 15 Lowering headlining (equipment specification with panoramic glass sunroof)



Main Work

- 16 Remove complete panorama glass roof
- 17 Install complete panorama glass roof

Postprocesses

- 18 Installing (retracted) headlining (in version with panorama glass roof)
- 19 Clip in the 3rd Installing the brake light
- 20 Installing all coat hooks

21 Installing the D-pillar trim panel on the left and right

22 Installing the C-pillar trim panel on the left and right

23 Install interior roof light

24 Partially installing both B-pillar trim panels

25 Install the A-pillar trim panel on the left and right



26 Installing roof function centre (FZD)

27 Installing front vanity mirror light

28 Installing both hands-free microphones

29 Install both sun visors and counter supports

30 Installing the covers for the interior mirror

31 Installing the rear panorama glass roof lid

32 Installing the front panorama glass roof panel

33 Checking the adjustment of the panorama glass roof

34 Adjusting rear panorama glass roof lid

35 Adjusting the front panorama glass roof panel

36 Initialise panorama glass roof

[Additional information is available.](#)

General information

WARNING

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.

RISK OF DAMAGE



Electrostatic discharge.

Damage to or destruction of electrical components.

- Leave electrical components in original packaging until just before they are installed. Use the original packaging only for any return shipments. Always package removed components straight away.
- Read and comply with user information on using the associated special tool 12 7 060.
- Only touch the housings of electrical components. Do not touch pins or multi-pin connectors directly.
- Wear electrically conductive clothing and antistatic shoes (with ESD symbol).
- For additional information see: 61 35 ... Notes for ESD protection (electrostatic discharge)

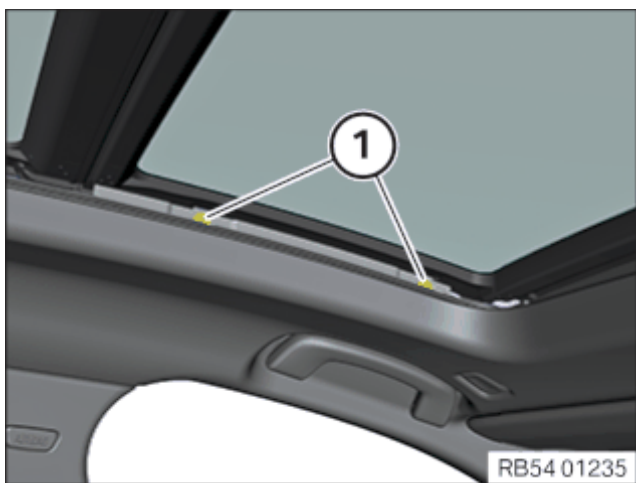
[61 35 ... Notes on ESD protection \(Electro Static Discharge\)](#)

PRELIMINARY WORK

1–Removing the front panorama glass roof panel



- Slightly open the front panoramic glass sunroof-cover (1) as shown.



RISK OF DAMAGE

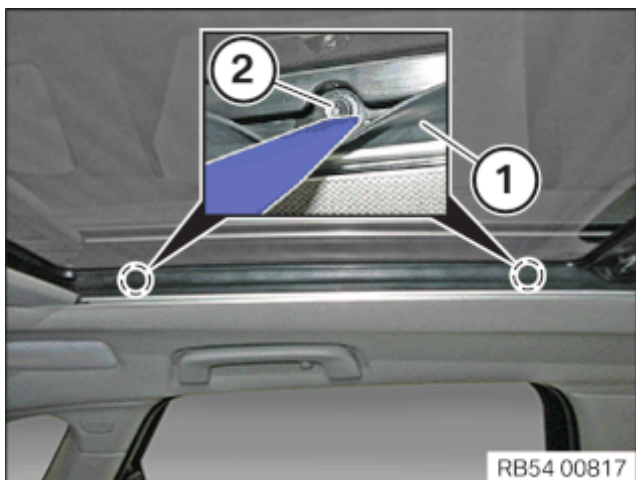
Damage to the panorama glass roof or the mechanics of the panorama glass roof.

Any screws or foreign objects remaining at the installation location or in the component may damage the panorama glass roof.

- Ensure that no screws or other foreign objects are left behind.

- Release the screws (1) on the left and right.
- Remove the panoramic glass sunroof cover (2).
- Place the panoramic glass sunroof cover (2) in such a way that the circular seals are not damaged.

2-Removing the rear panorama glass roof panel



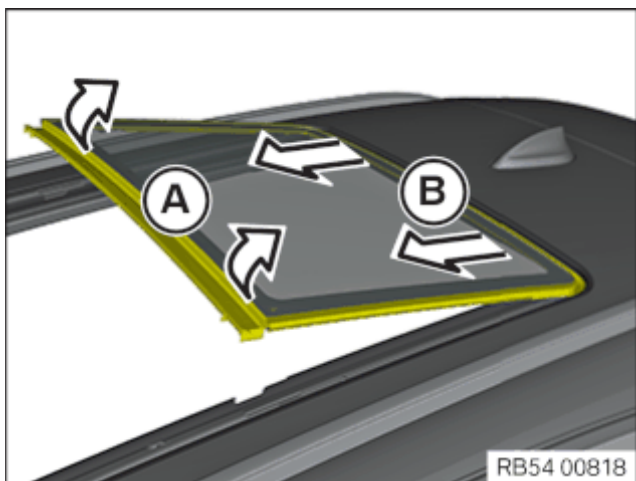
RISK OF DAMAGE

Damage to the panorama glass roof or the mechanics of the panorama glass roof.

Any screws or foreign objects remaining at the installation location or in the component may damage the panorama glass roof.

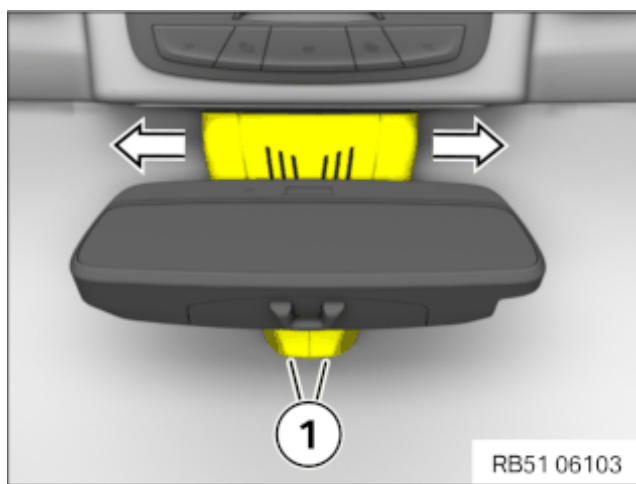
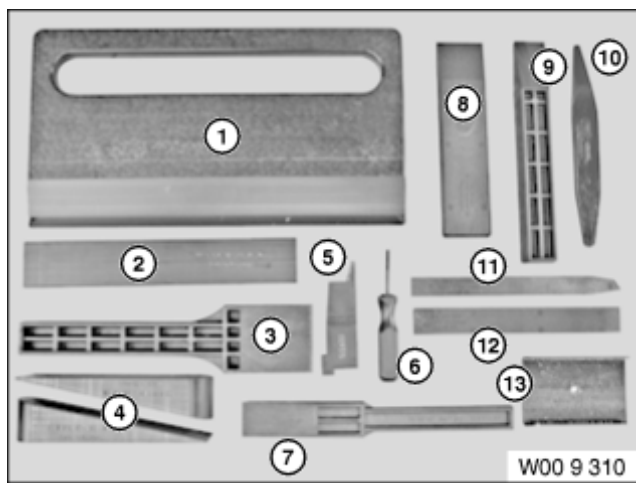
- Ensure that no screws or other foreign objects are left behind.

- Fold the screen (1) slightly downwards.
- Loosen screws (2).
- Lift the front panoramic glass sunroof cover (A).
- Feed out the rear panoramic glass sunroof cover (B) with the water channel from the roof.
- Position the panoramic glass sunroof cover in such a way that the circular seals are not damaged.



3-Removing the covers for the interior mirror

- Have the set of special tools **0 493 752 (00 9 329)** ready.



NOTICE

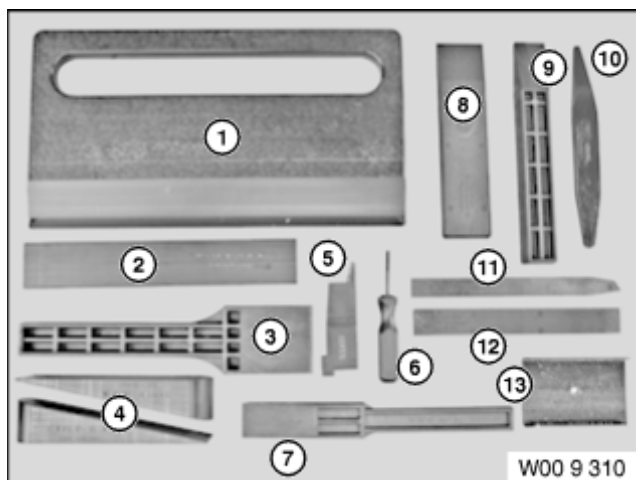
Schematic diagram is for example purposes. Some parts may differ in certain details.

- Remove the covers (1) with a suitable tool in the direction of arrow.

4-Remove both sun visors and counter supports

NOTICE

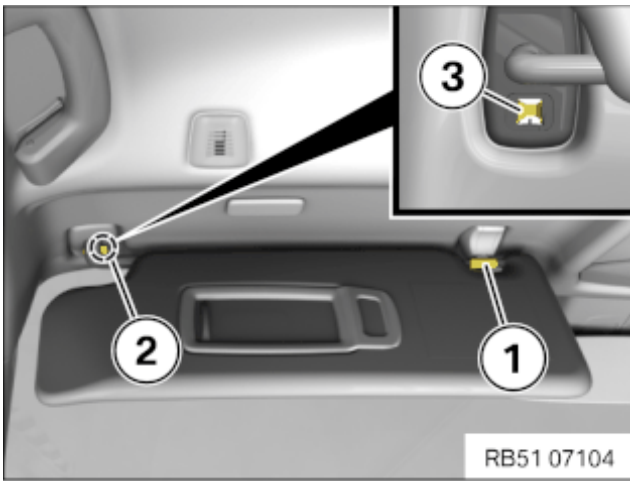
Description is for left component only. Procedure on the right side is identical.



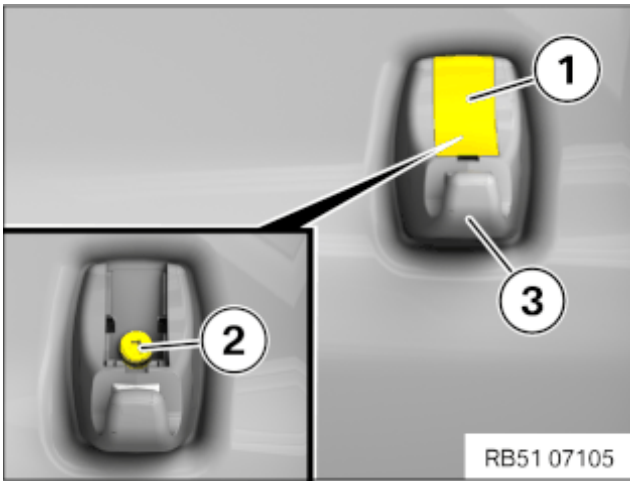
► Remove the sun visor and the counter support

- Have the set of special tools **0 493 752 (00 9 329)** ready.

- Detach sun visor from counter support (1).



- Unclip the cover (2) with a suitable tool.
- Press clamp (3) together and remove the sun visor.
- Unlock associated plug connection and disconnect.



- Unclip the cover (1) with a suitable tool.
- Release screw (2) and pull the counter support (3) out of the headlining.



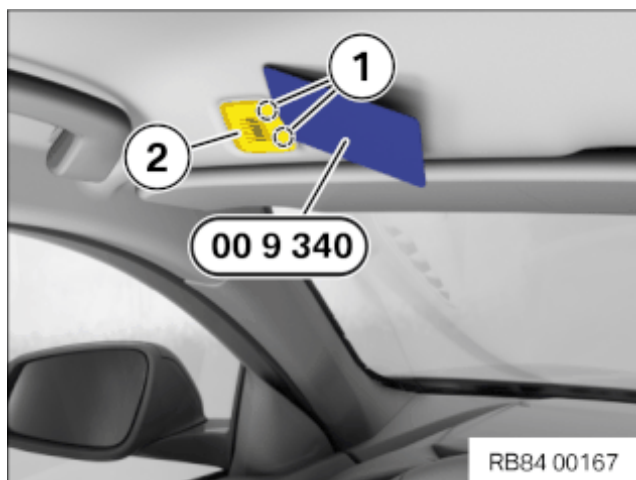
5-Remove both microphones

NOTICE

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

► Remove hands-free microphone

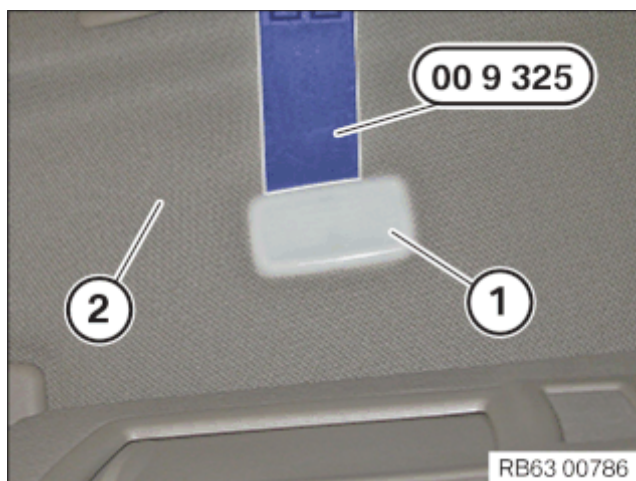
- Unscrew retaining lugs (1) with the special tool **0 493 687 (00 9 340)**.
- Unlock plug connection and disconnect.
- Remove hands-free microphone (2).



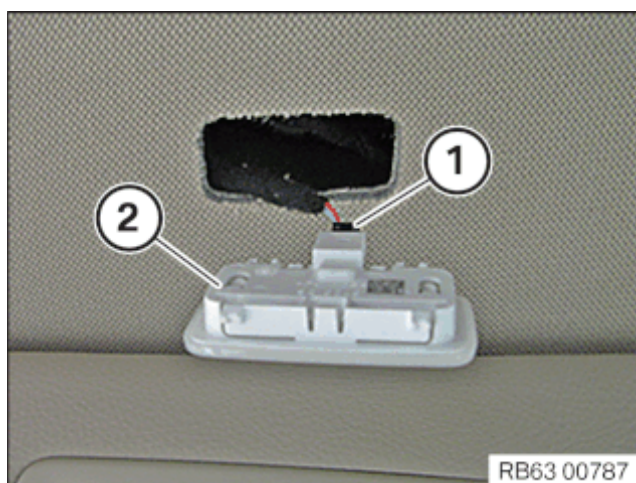
6-Removing front vanity mirror light

NOTICE

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

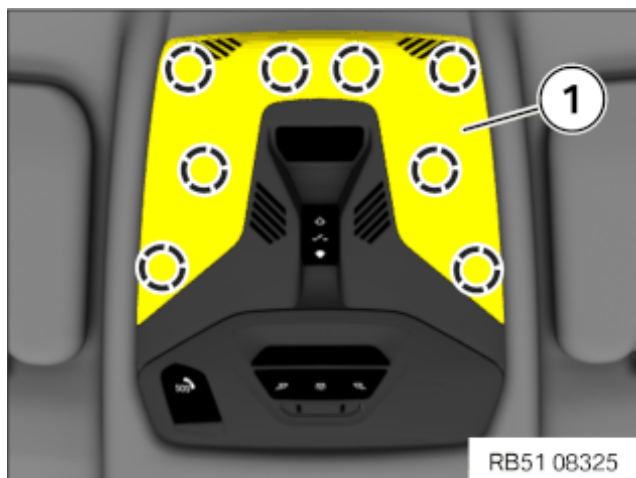


- Lever out the front vanity mirror light (1) by using a special tool **0 496 569 (00 9 325)** from the headlining (2).

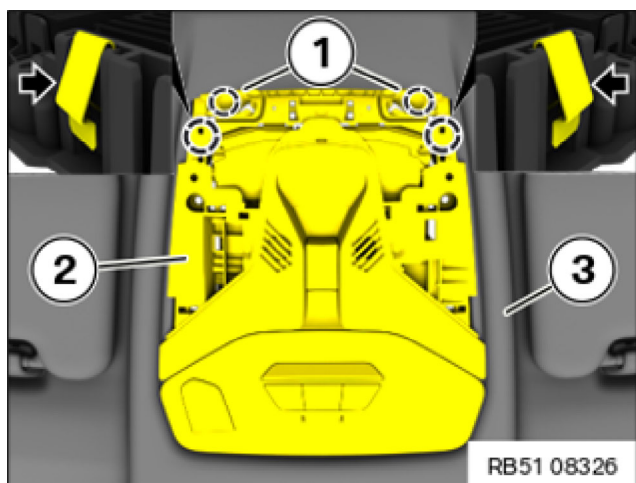


- Unlock and disconnect connector (1).
- Remove the front vanity mirror light (2).

7-Removing the roof function centre (FZD)



- Carefully unclip and remove the trim (1) using special tool **0 496 569 (00 9 325)** at the marks.



- Unlock clamps on the left and right using a screwdriver in the direction of the arrow.
- Release the rear latch mechanisms (1).
- Remove the roof function centre (FZD) (2) from the headlining (3).
- Unlock all plug connections and disconnect.

8-Remove left and right A-pillar trim panel



NOTICE

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

► Remove the A-pillar trim panel

[Additional information is available.](#)

⚠ WARNING

Pyrotechnic components.

Danger! Life-threatening injuries!

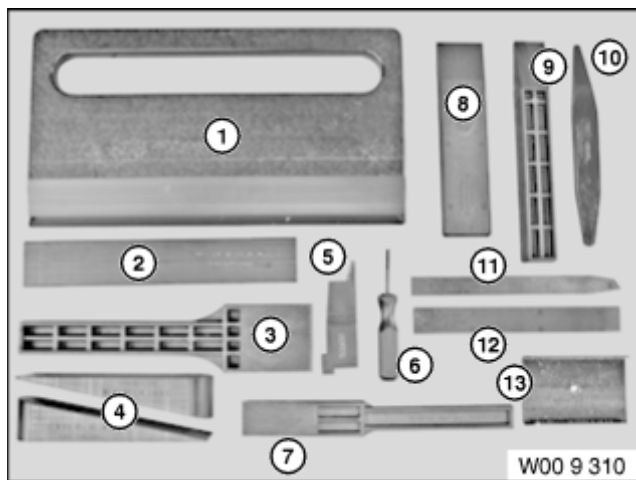
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RISK OF DAMAGE

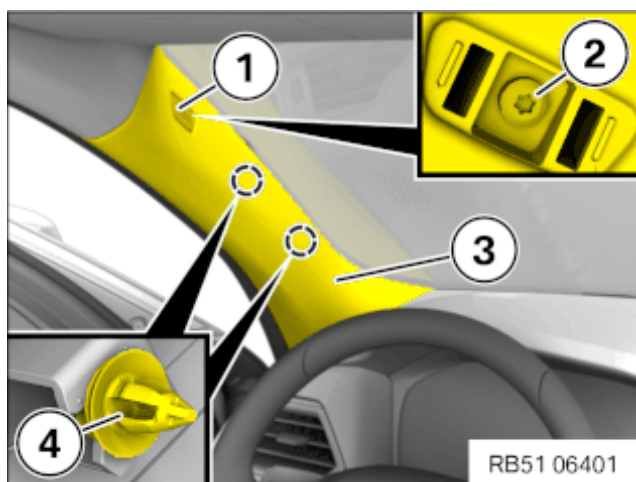
Damage to the head airbag.

Improper use of a tool when removing the trim panel may damage the head airbag.

- Do not use sharp-edged tools when removing the trim panel.



- Have the set of special tools **0 493 752 (00 9 329)** ready.



- Unclip the cover (1) with suitable tools.
- Loosen screw (2).
- Unclip A-pillar trim panel (3) with clips (4) and guide it out upwards.



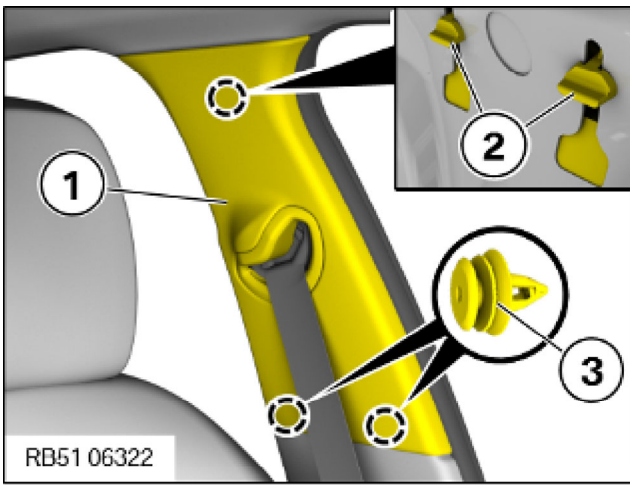
9-Partially removing both B-pillar trim panels

NOTICE

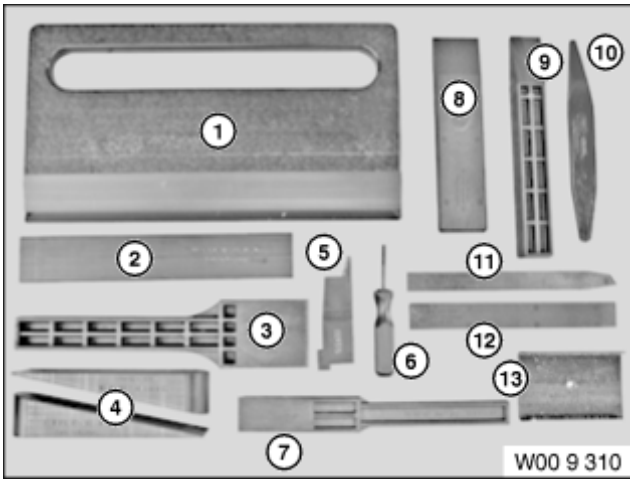
Description is for left component only. Procedure on the right side is identical.

► Partially remove B-pillar trim panel

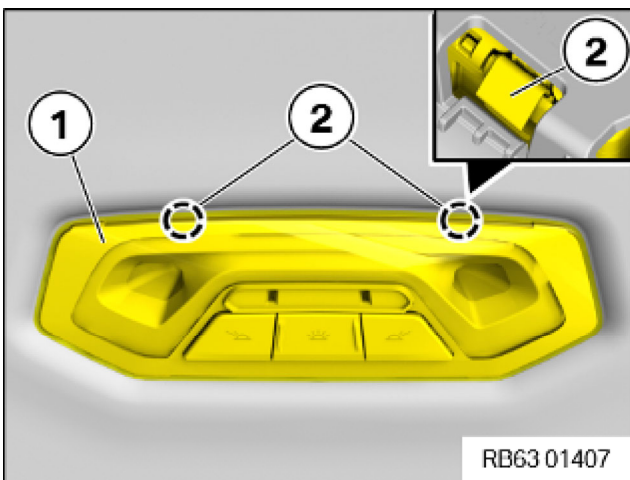
- Unclip clips (3).
- Feed B-pillar trim panel (1) out of the front and rear lip of edge protections and the guides (2).



10-Remove interior roof light



- Have the set of special tools **0 493 752 (00 9 329)** ready.



- Lever interior roof light (1) out of clamps (2) using a suitable tool.
- Unlock plug connection and disconnect.

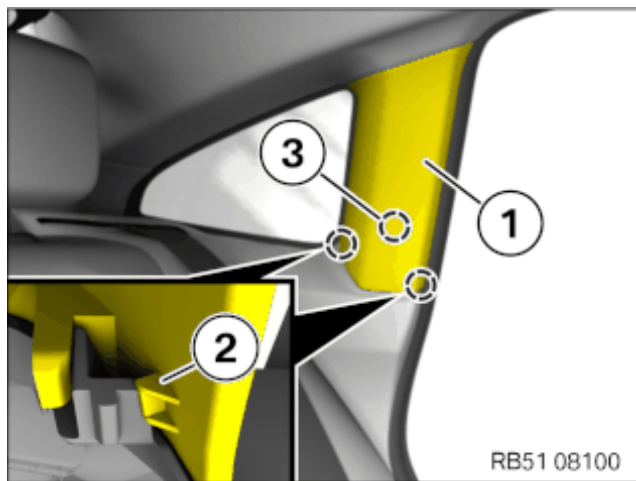
11-Removing the C-pillar trim panel on the left and right

NOTICE

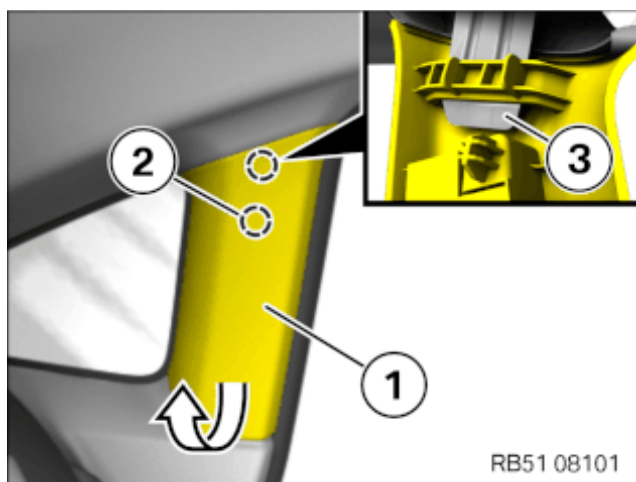
Description is for left component only. Procedure on the right side is identical.

► Remove C-pillar trim panel

- Guide out the C-pillar trim panel (1) under the lip of edge protection.
- Release the C-pillar trim panel (1) in the lower area from the latch mechanisms (2).
- Unclip clip (3).



- Guide the C-pillar trim panel (1) in the direction of the arrow out of the guides (2) and (3) and remove.



12-Removing the D-pillar trim panels on the left and right

NOTICE

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

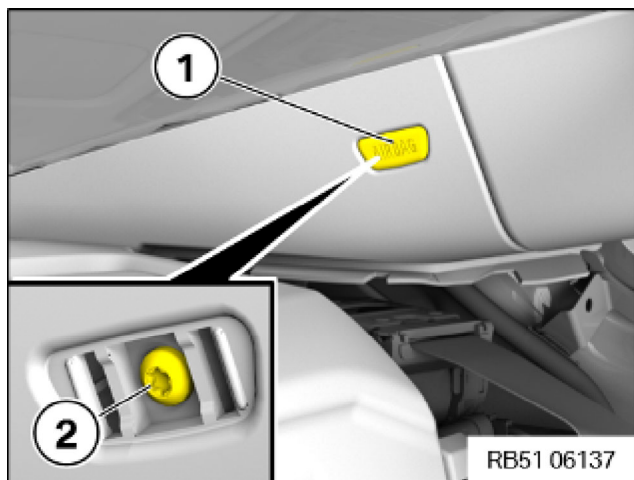
► Remove the D-pillar trim panel

NOTICE

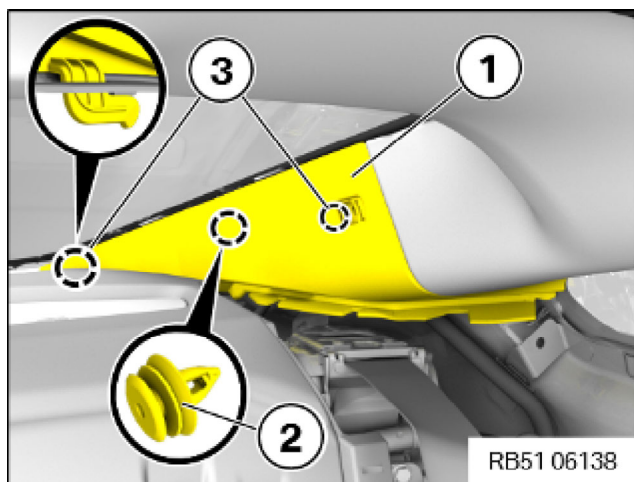
Schematic diagram is for example purposes. Some parts may differ in certain details.

NOTICE

To provide a better overview: Schematic diagram with partially hidden components.



- Unclip the cover (1).
- Loosen screw (2).



- Unclip clip (2).
- Feed out the D-pillar trim panel (1) from the guides (3) to the front.



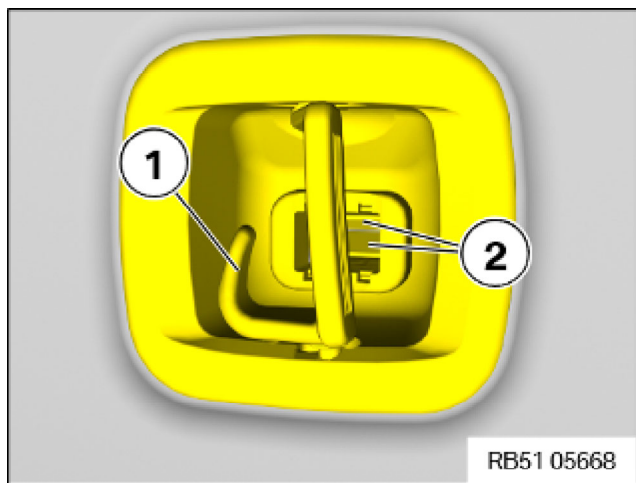
13–Removing all coat hooks

NOTICE

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

► Removing coat hook

- Turn coat hook, pull slightly inwards and hold, thereby release the clips (2) with a suitable screwdriver.



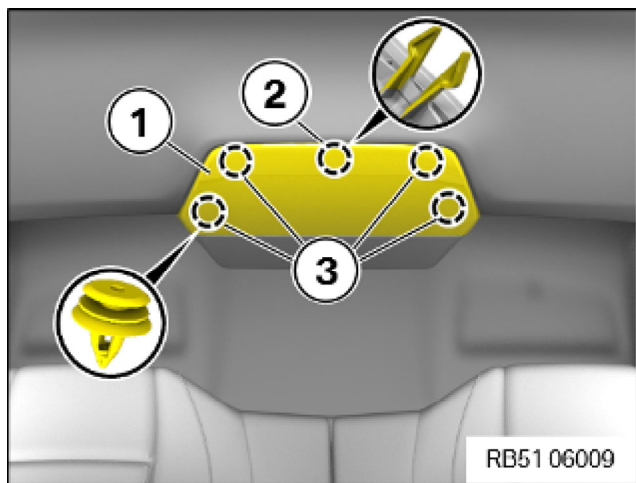
- Remove coat hook (1).



14–Clip in the 3rd Removing the brake light

NOTICE

Schematic diagram is for example purposes. Some parts may differ in certain details.



- Loosen the 3rd brake light (1) with the latch mechanism (2) and the clips (3) and remove downwards.

15–Lowering headlining (equipment specification with panoramic glass sunroof)

Prerequisite

The front seats have been fully adjusted towards the bottom.

The front seat backrests have been fully adjusted towards the rear.

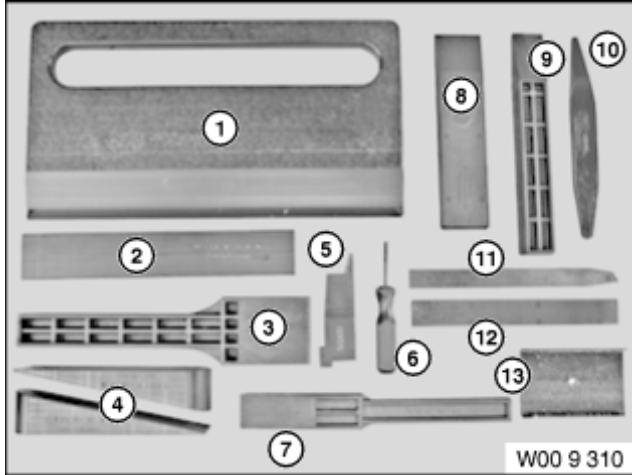
The rear seat backrest is folded down toward the front.

RISK OF DAMAGE

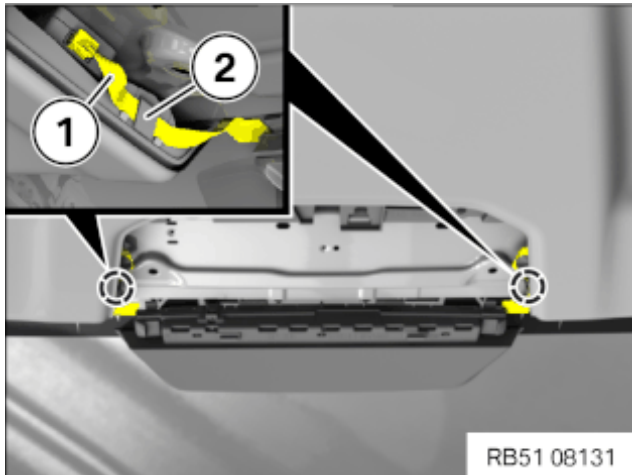
Fold the headlining.

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

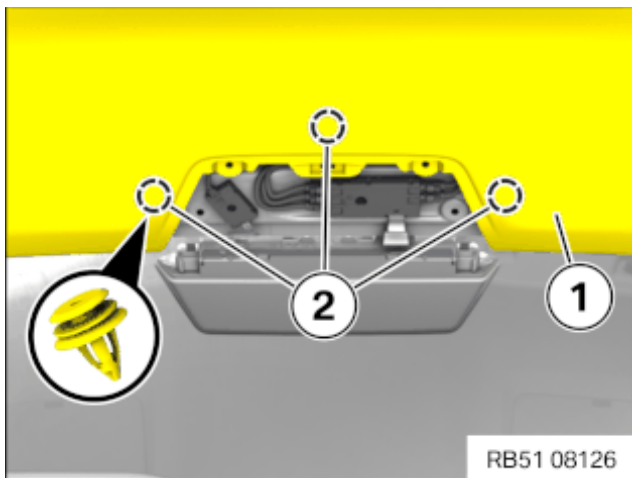
- Carry out tasks with a second person to assist.
- Support the headlining at the front and back.



- Have the set of special tools **0 493 752 (00 9 329)** ready.

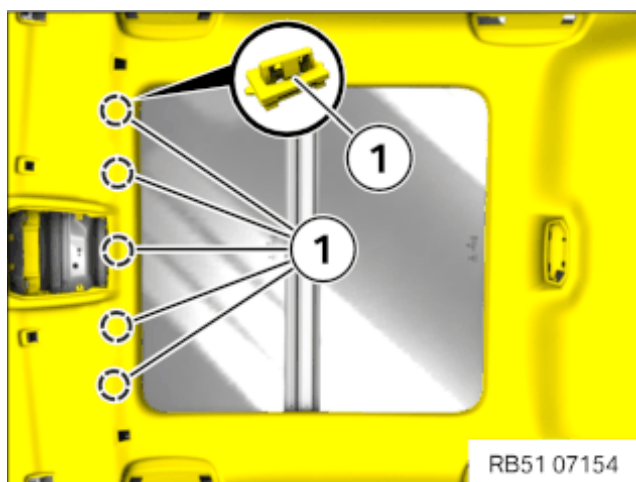
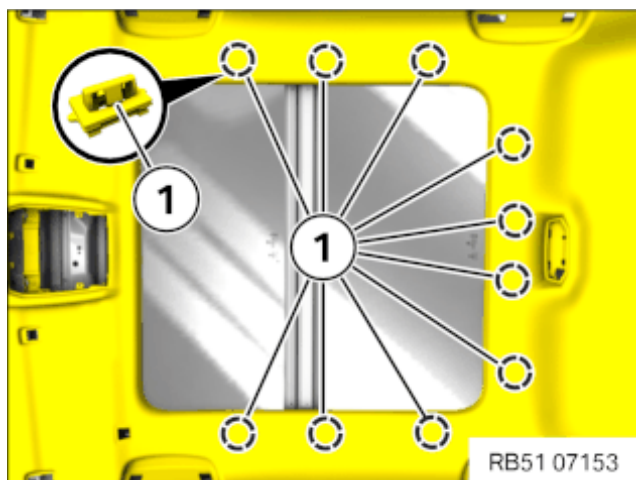


- Guide out the aerial lines (1) from the holders (2) at the headlining in the rear.

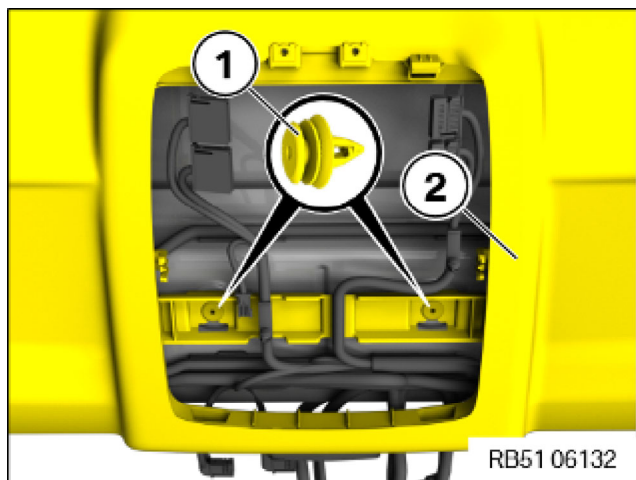


- Unclip the headlining (1) with the clips (2) downwards.

- Carefully release headlining with a suitable tool from the clamps (1) in a downwards direction.



- Carefully release headlining with a suitable tool from the clamps (1) in a downwards direction.



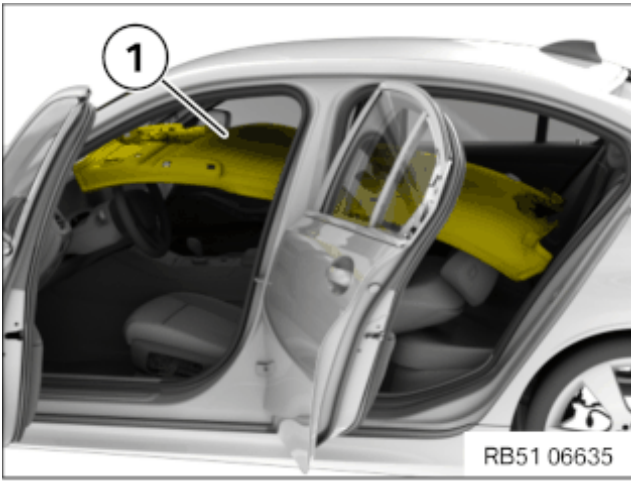
- Release the clips (1) at the headlining (2).



NOTICE

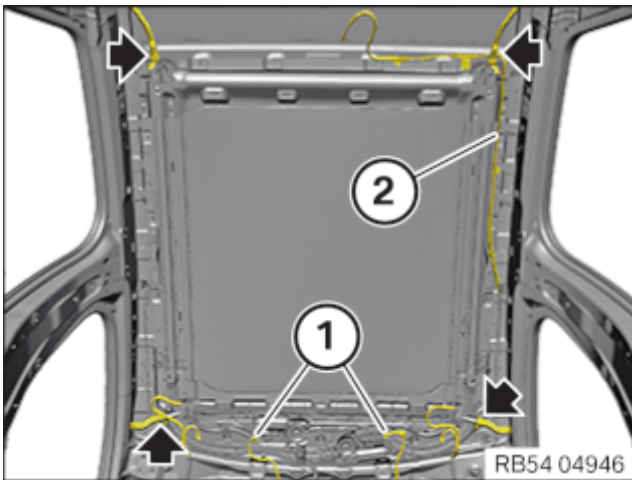
Schematic diagram is for example purposes. Some parts may differ in certain details.

- Feed out headlining (1) from the respective lips of edge protection with the assistance of a second person.
- Place the headlining (1) in the vehicle with an auxiliary person.

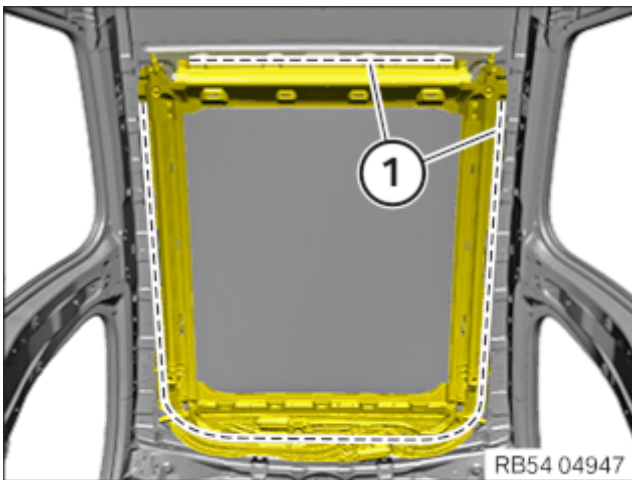


MAIN WORK

16–Remove complete panorama glass roof



- Unlock and disconnect the plug connections (1) of the drives.
- Unclip wiring harness (2).
- Remove the water drain hoses (arrows).



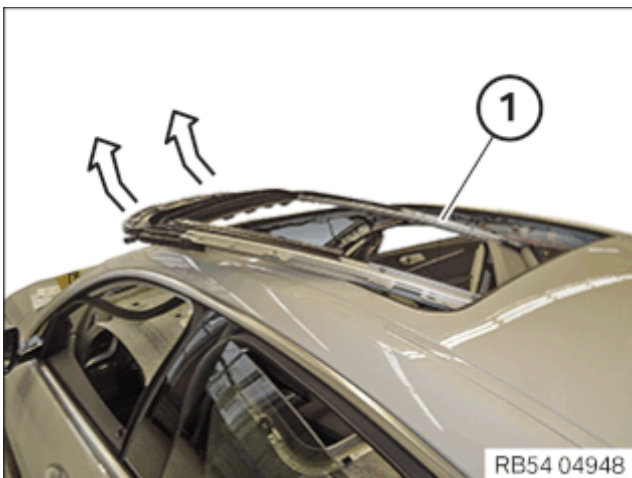
RISK OF DAMAGE

Heavy component.

Heavy components can lead to injury or damage.

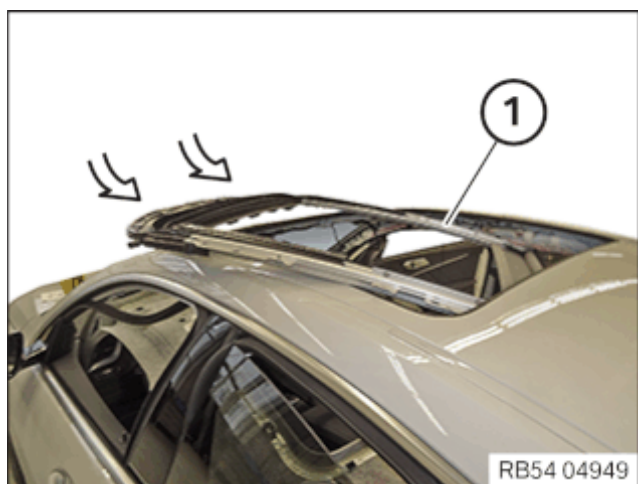
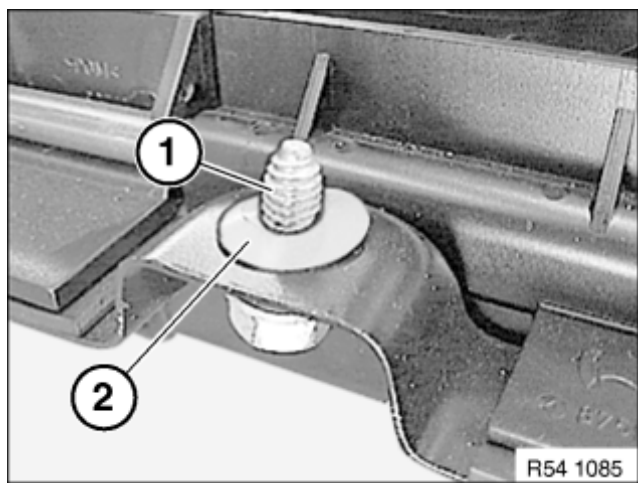
- Remove and install heavy components with the aid of another person/other persons.

- Secure panorama glass roof from falling with the help of an auxiliary person.
- Release all the screws along the line (1).
- With the help of an auxiliary person, feed out the panoramic glass sunroof (1) as shown through the roof aperture in the direction of arrow from the vehicle and store it.

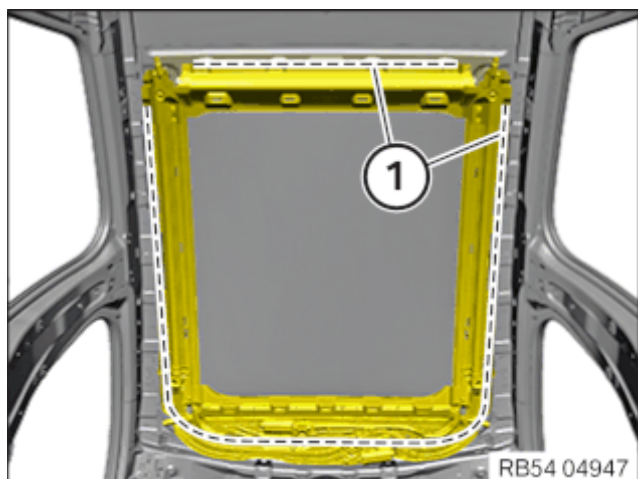


17–Install complete panorama glass roof

- In order to prevent groaning noises, all bolts (1) must be secured with the plastic washers (2) prior to installation.



- Feed in the panoramic glass sunroof (1) as shown with the help of an auxiliary person through the roof aperture into the vehicle.
- Make sure that the panoramic glass sunroof seal is not damaged while threading it in, if necessary, protect critical areas with adhesive tape.

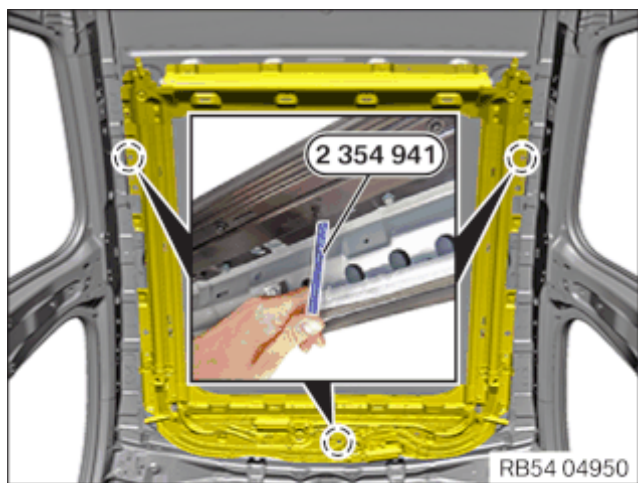


RISK OF DAMAGE

Heavy component.

Heavy components can lead to injury or damage.

- Remove and install heavy components with the aid of another person/other persons.
- Position the panoramic glass sunroof in the vehicle with an auxiliary person.
- Screw in all the screws along the line (1) for a few rotations.
- Insert the special tool **2 354 941** and align the panoramic glass sunroof (1) with the roof.

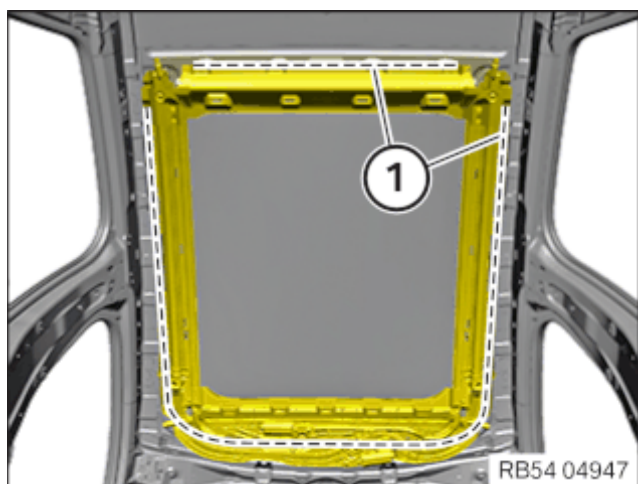


- Tighten all the screws along the line (1), while doing so, begin with the side screws at the aluminium rails.

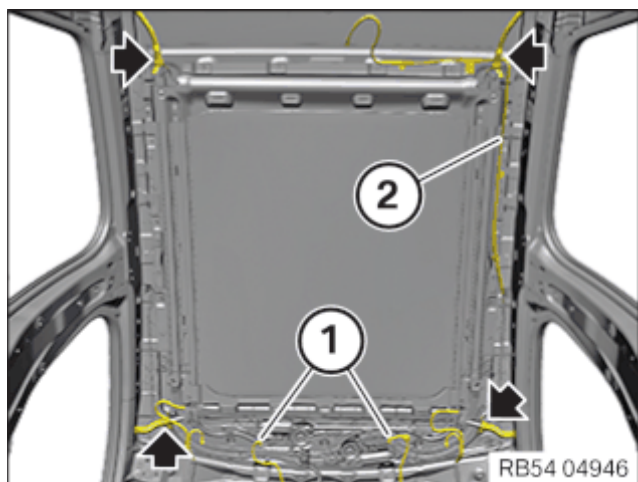
Panorama glass roof frame on body



Hexagon screw		Tightening torque	5,4 Nm
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- Connect and lock the plug connections (1) of the drives.
- Clip the wiring harness (2) in.
- Connect the water drain hoses (arrows).



POSTPROCESSES

18–Installing (retracted) headlining (in version with panorama glass roof)

Prerequisite

The front seats have been fully adjusted towards the bottom.

The front seat backrests have been fully adjusted towards the rear.

The rear seat backrest is folded down toward the front.

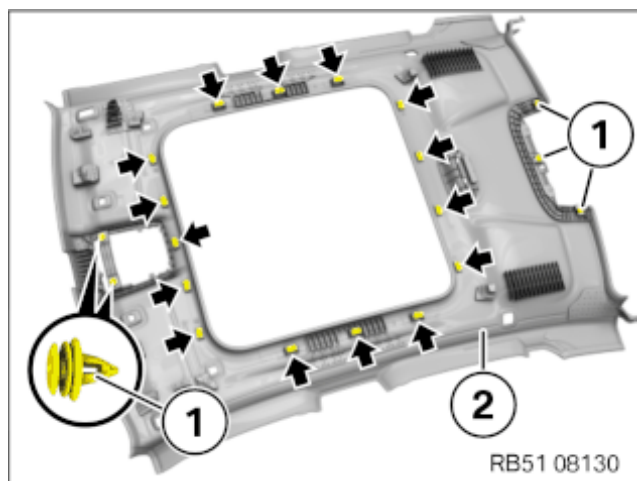


RISK OF DAMAGE

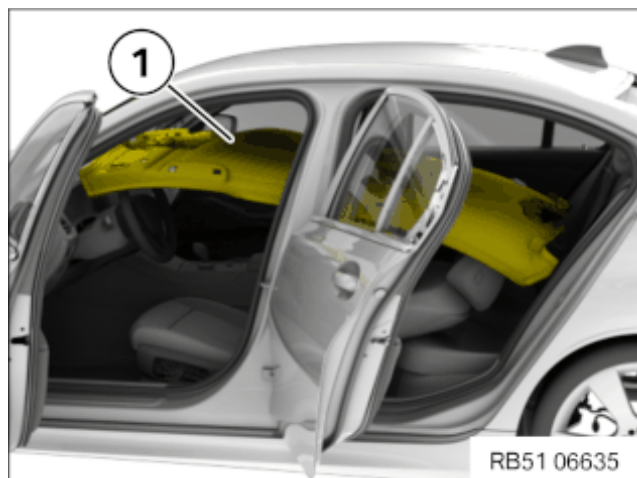
Fold the headlining.

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.



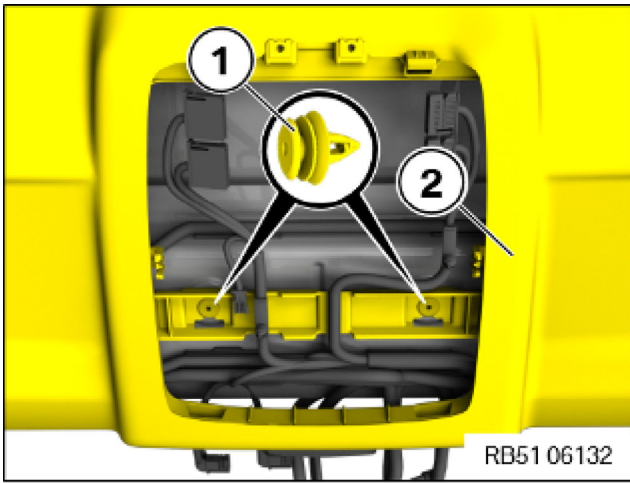
- Check the clips (1) on the headlining (2) for damage and renew if necessary.
- Check the clips (arrows) on headlining (2) for damage, and renew if necessary.



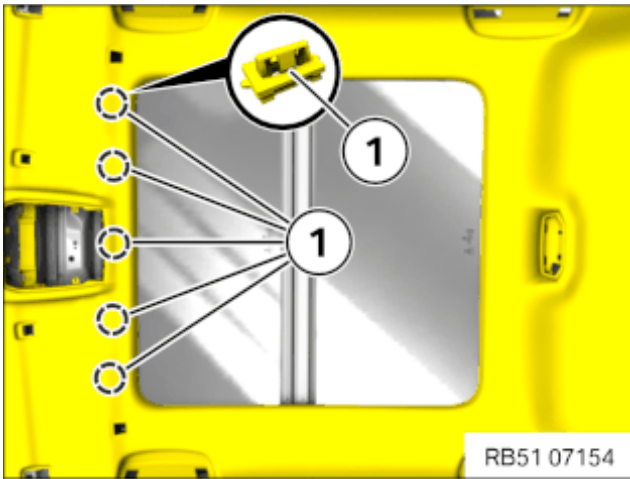
NOTICE

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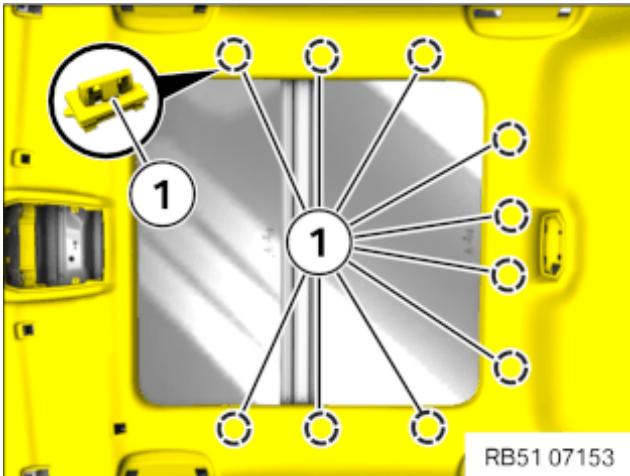
- With the assistance of a second person, correctly position headlining (1) in the vehicle.
- With help of another person, guide in headlining (1) under each edge protection lip.
- Clip in the headlining (2) with the clips (1).



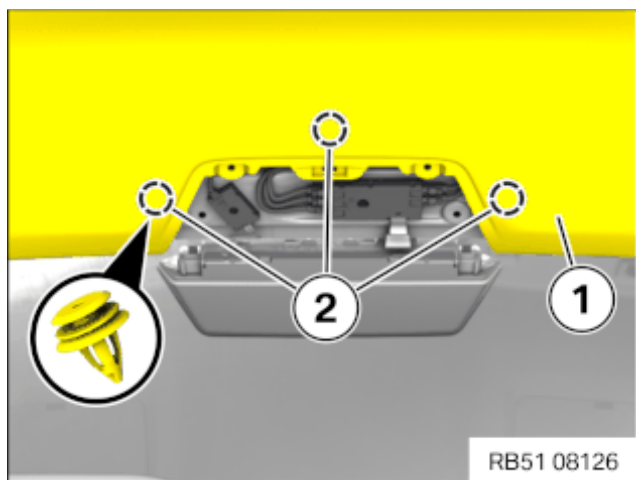
- Carefully clip in headlining with clips (1).



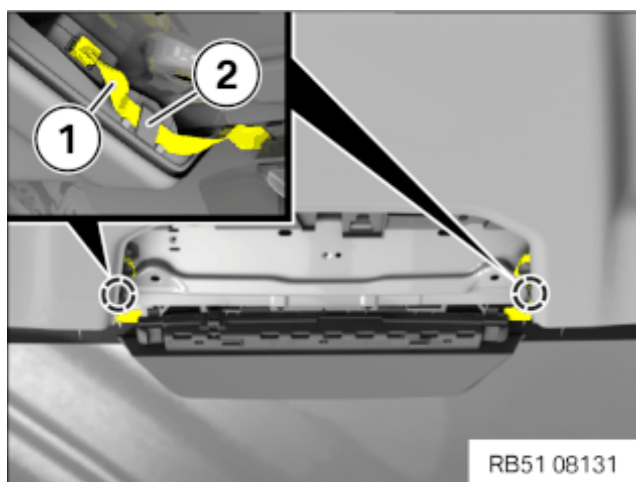
- Carefully clip in headlining with clips (1).



- Clip in the headlining (1) with the clips (2).



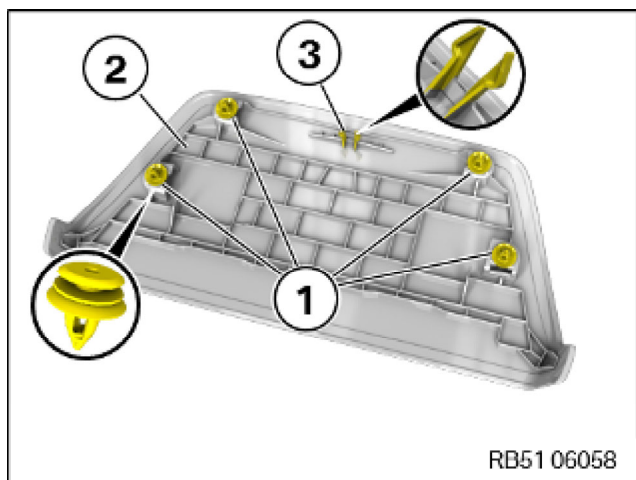
- Freed the aerial lines (1) into the holders (2) on the headlining.



19-Clip in the 3rd Installing the brake light

NOTICE

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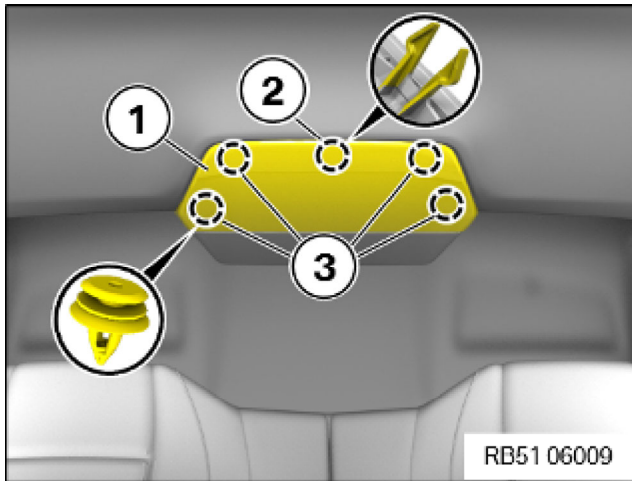
Check

- Check the clips (1) for damage, renew if necessary.
- Check latch mechanism (3) for damage.

Result

» Latch mechanism (3) is damaged.

Measure

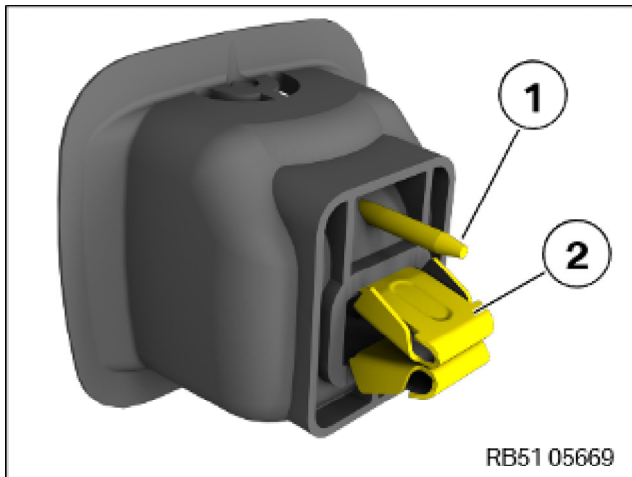


- Renew cover of the 3rd brake light (2).
- Position cover of the 3rd brake light (1) from below.
- Clip in cover of the 3rd brake light (1) with the clips (3) and the latch mechanism (2).

20-Installing all coat hooks

NOTICE

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



► Installing the coat hook

Check

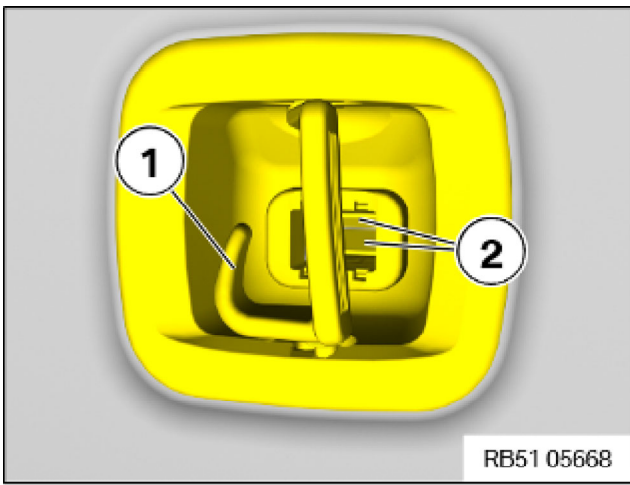
- Check the guide pin (1) and the retaining clip (2) for damage.

Result

» The guide pin (1) or the retaining clip (2) is damaged.

Measure

- Renew the coat hook.
- Position and insert the coat hook (1) on the headlining.
- Lock the coat hook (1) correctly with the retaining clips (2).



21-Installing the D-pillar trim panel on the left and right

NOTICE

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

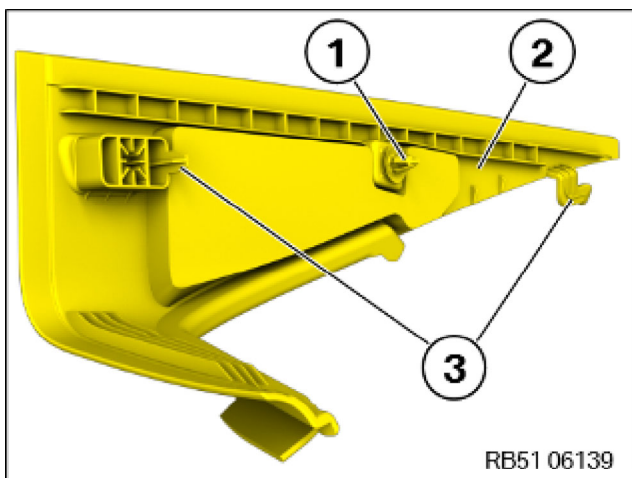
► Installing the D-pillar trim panel

NOTICE

Schematic diagram is for example purposes. Some parts may differ in certain details.

NOTICE

To provide a better overview: Schematic diagram with partially hidden components.



Check

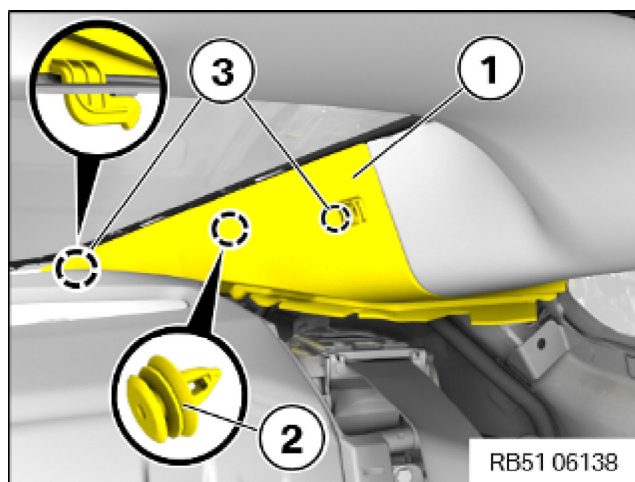
- Check the clip (1) for damage and renew if necessary.
- Check the guides (3) for damage.

Result

The guides (3) are damaged.

Measure

- Renew the D-pillar trim panel (2).
- Guide the D-pillar trim panel (1) into the guides (3) towards the rear.
- Clip in clip (2).

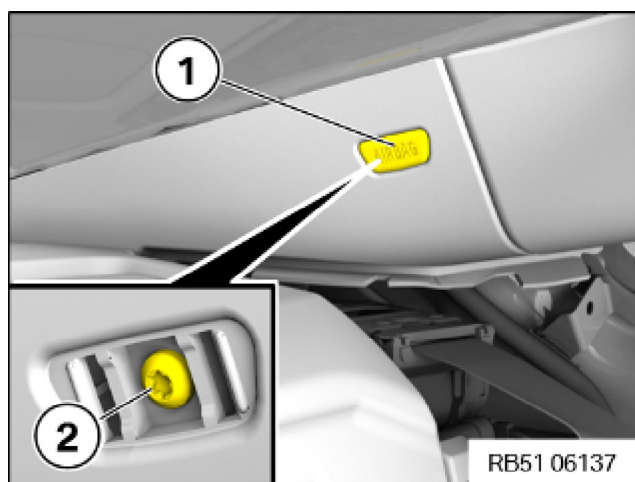


- Tighten down screw (2).

D-pillar trim panel to body

Torx socket		Tightening torque	2 Nm
-------------	--	-------------------	------

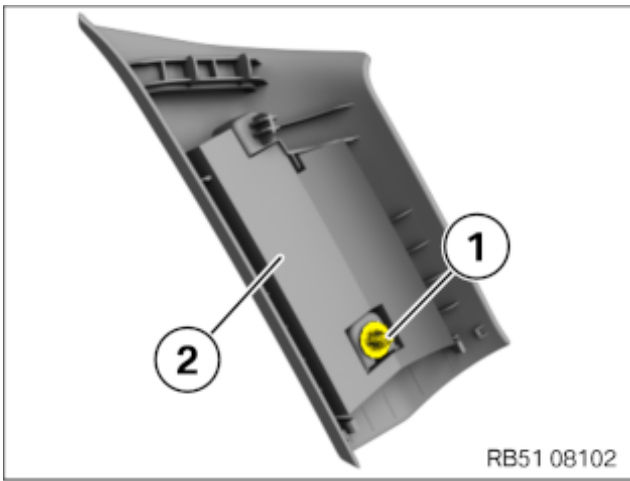
- Clip in the cover (1).

**22-Installing the C-pillar trim panel on the left and right****NOTICE**

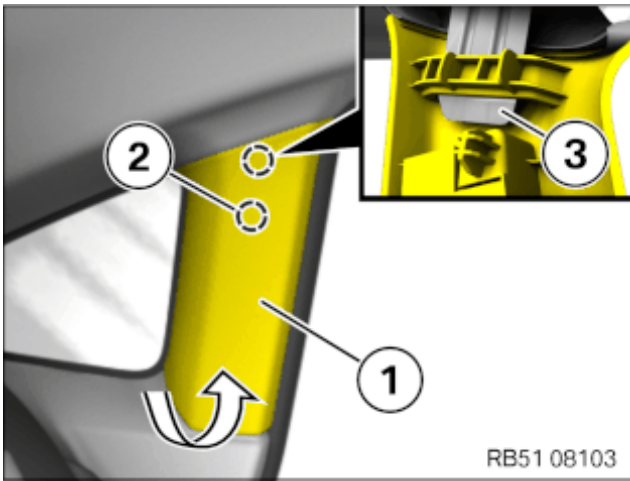
Description is for left component only. Procedure on the right side is identical.

► Installing C-pillar trim panel

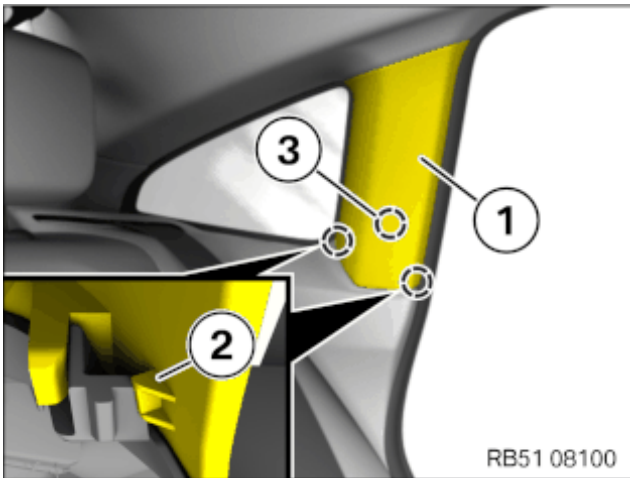
- Check clip (1) on the C-pillar trim panel (2) for damage and replace if necessary.



- Insert C-pillar trim panel (1) in direction of arrow into the guides (2) and (3).



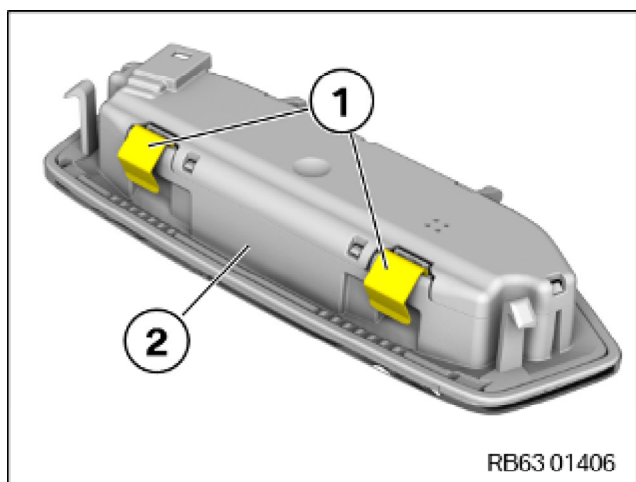
- Clip in clip (3).
- Insert C-pillar trim panel (1) under the lip of edge protection.
- Clip in C-pillar trim panel (1) in the lower area to the latch mechanisms (2).



23–Install interior roof light

Check

- Check the clamps (1) for damage.

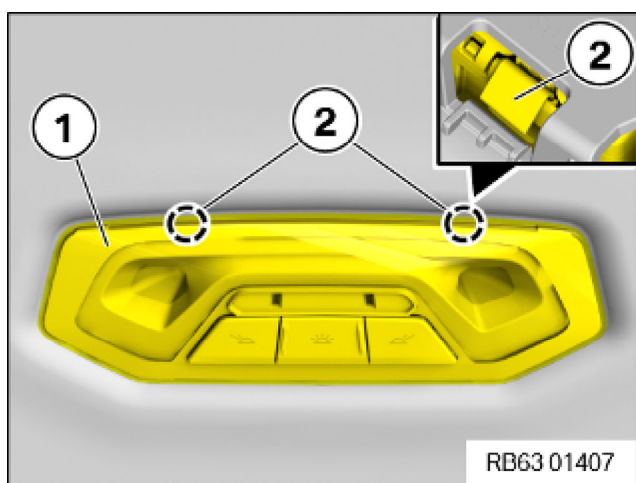


Result

» Clamps (1) are damaged.

Measure

- Renew the interior roof light (2).
- Connect connectors and lock.
- Clip in the interior roof light (1) with clamps (2).



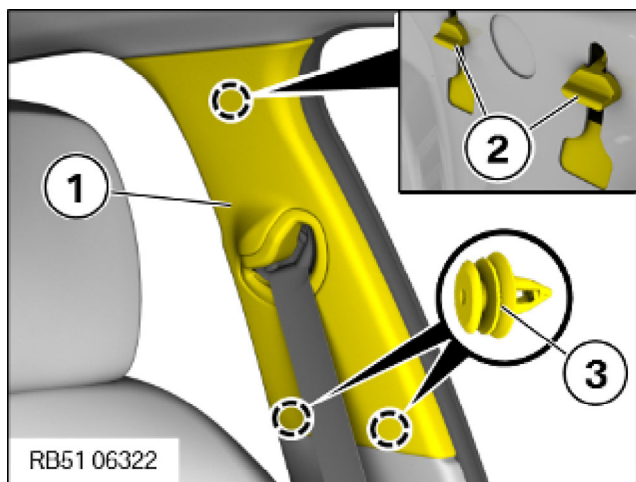
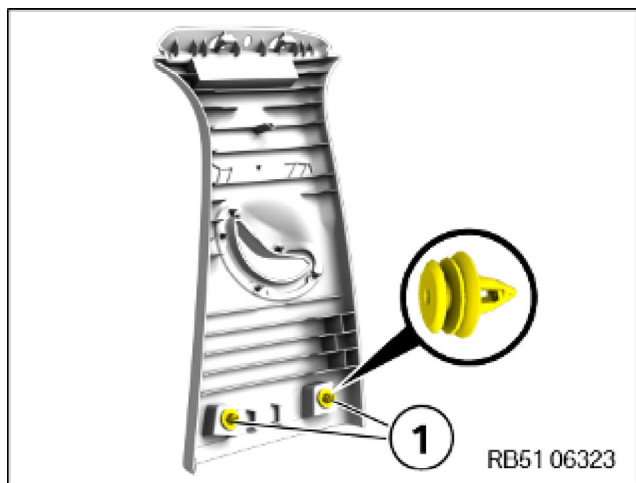
24–Partially installing both B-pillar trim panels

NOTICE

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

► Partly installing the B-pillar trim panel

- Check the clips (1) for damage and renew if necessary.



- Insert B-pillar trim panel (1) into guides (2) and under the front and rear lips of edge protection.
- Clip in the B-pillar trim panel (1) with the clips (3).



25–Install the A-pillar trim panel on the left and right

NOTICE

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

► Installing the A-pillar trim panel

[Additional information is available.](#)

WARNING

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

⚠ WARNING



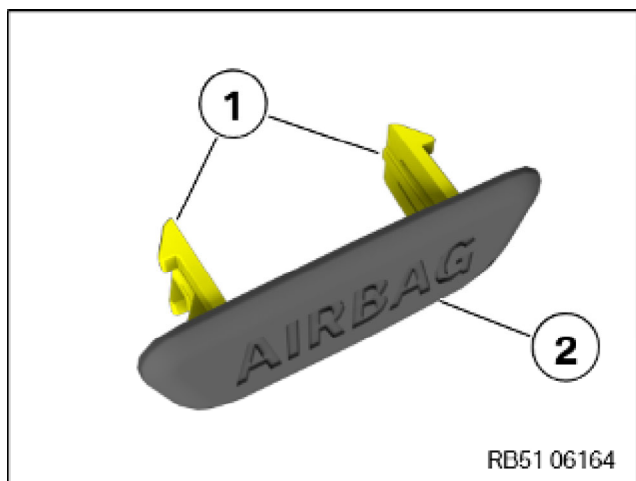
Pyrotechnic components.

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.

Check

- Check retaining lugs (1) of cover (2) for damage.



Result

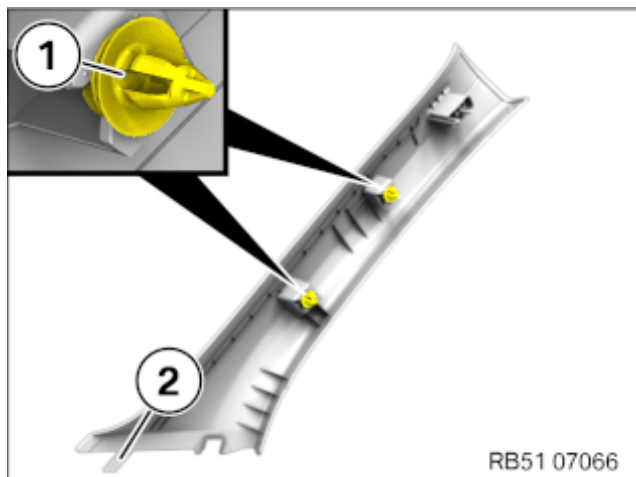
» Retaining lug is damaged.

Measure

- Renew the cover.

Check

- Check the clips (1) for damage and renew if necessary.
- Check the guides (2) for damage.

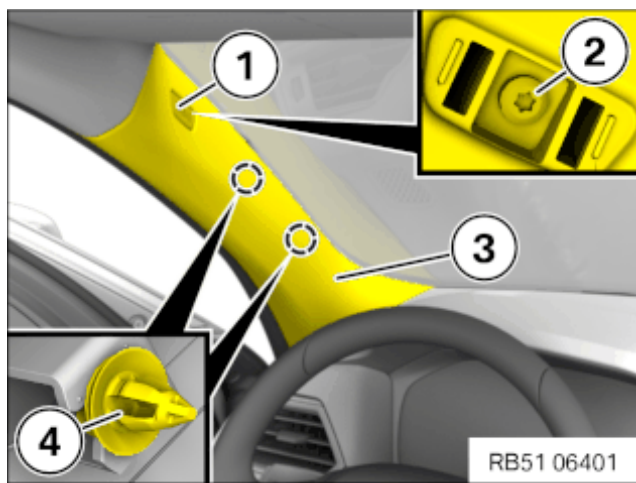


Result

» Guide is damaged.

Measure

- Renew the A-pillar trim panel.
- Guide in A-pillar trim panel (3) downwards and clip it in with clips (4).



- Tighten down screw (2).

A-pillar trim panel to body

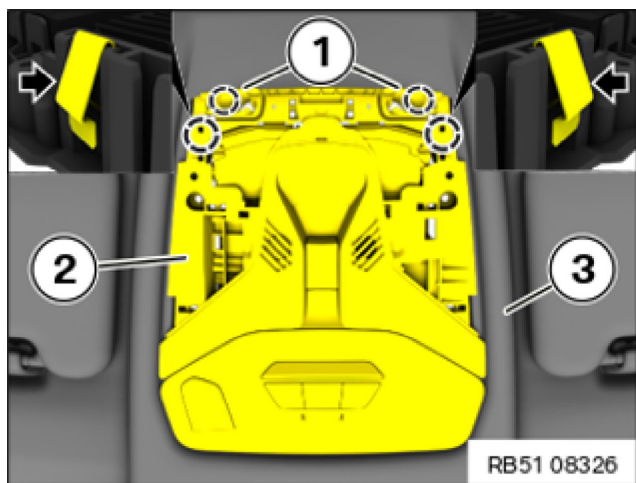


Torx socket et M5x42		Tightening torque	2 Nm
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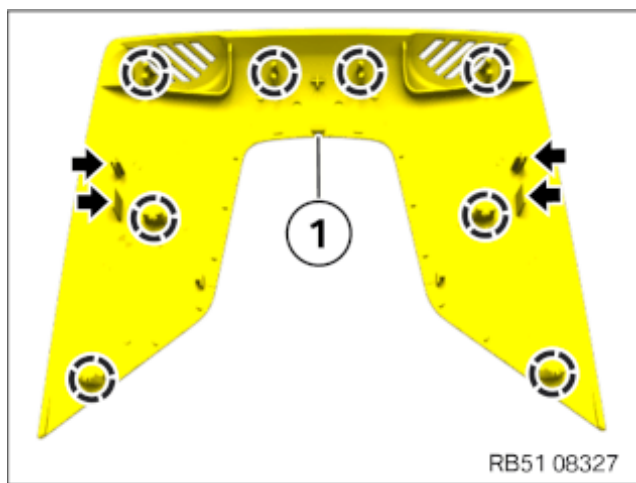
- Clip in the cover (1).



26–Installing roof function centre (FZD)

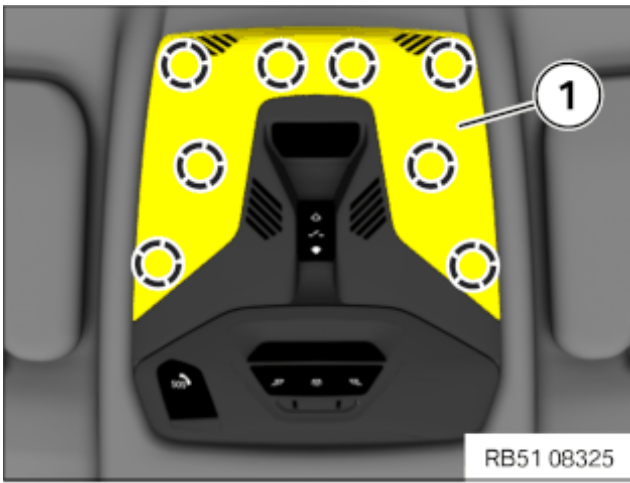


- Connect all connectors and lock.
- Insert the front roof function centre (FZD) (2) in the headlining (3).
- Engage the roof function centre (FZD) (2) with the clamps (arrows) and the rear latch mechanisms (1) in the headlining (3).



- The marked retaining lugs and the guides (arrows) on the trim (1) may not be damaged or missing.

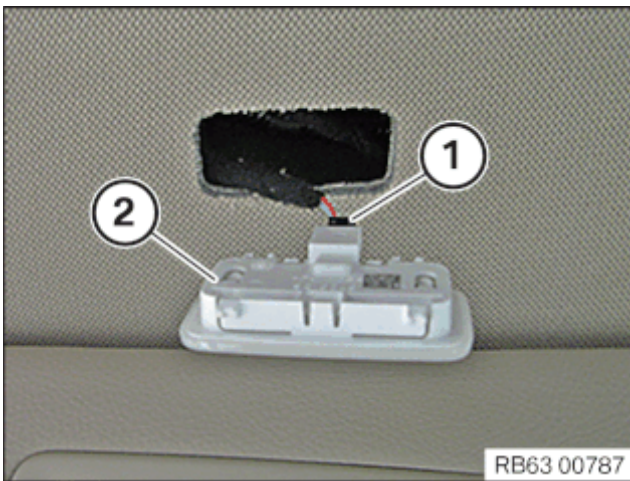
- Carefully insert the trim (1) into the roof function centre (FZD) and engage it all the way around.



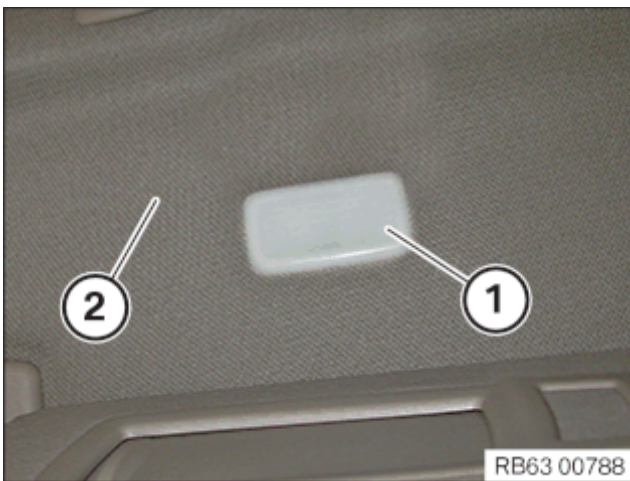
27–Installing front vanity mirror light

NOTICE

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



- Connect the connector (1) to the front vanity mirror light (2).



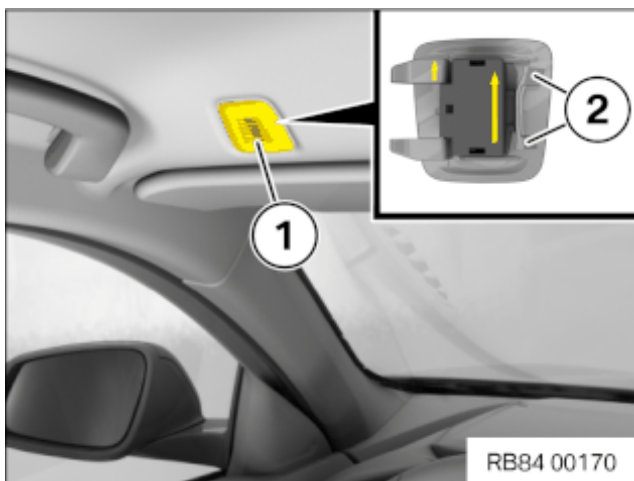
- Position the front vanity mirror light (1) in the headlining (2).

28–Installing both hands-free microphones

NOTICE

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

► Install microphone



• Note:

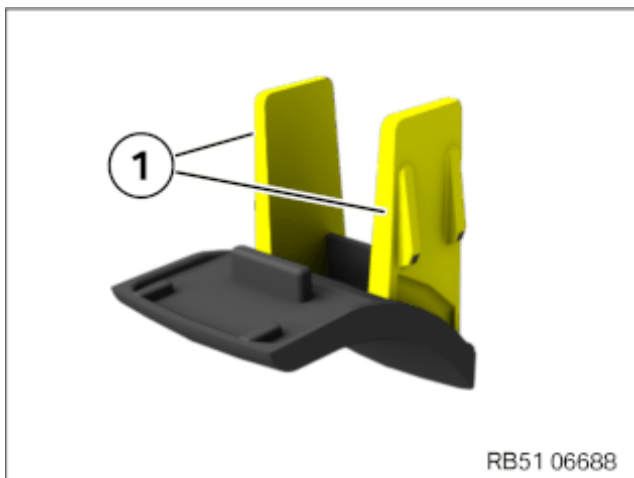
- Both the arrows must point (to the front) in the direction of travel.
- Connect connectors and lock.
- Position the hands-free microphone (1) and clip in with retaining lugs (2).



29–Install both sun visors and counter supports

NOTICE

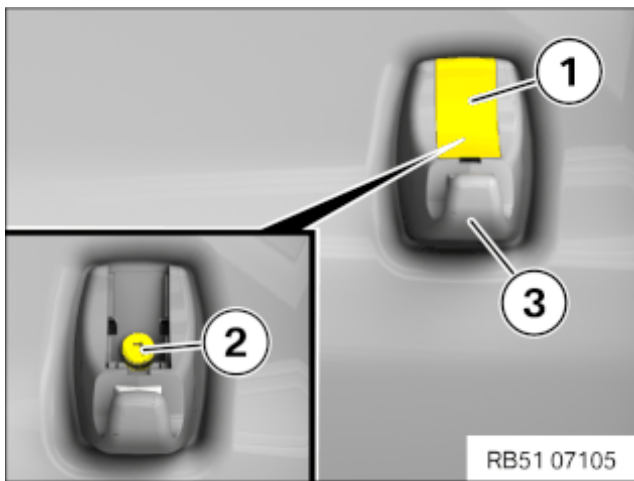
Description is for left component only. Procedure on the right side is identical.



► Install the sun visor and the counter support

- Check the guides (1) on the cover of counter support for damage, replace if necessary.

- Correct position the counter support (3) in the headlining.
- Tighten down screw (2).



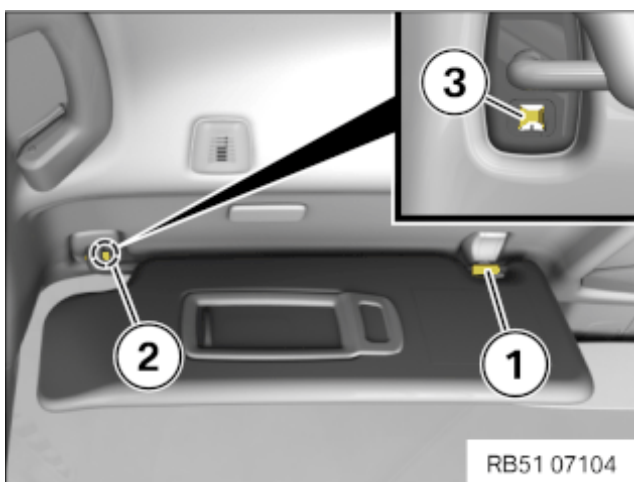
End support to mounting

4.2x13 self tapping screw

Tightening torque

1,9 Nm

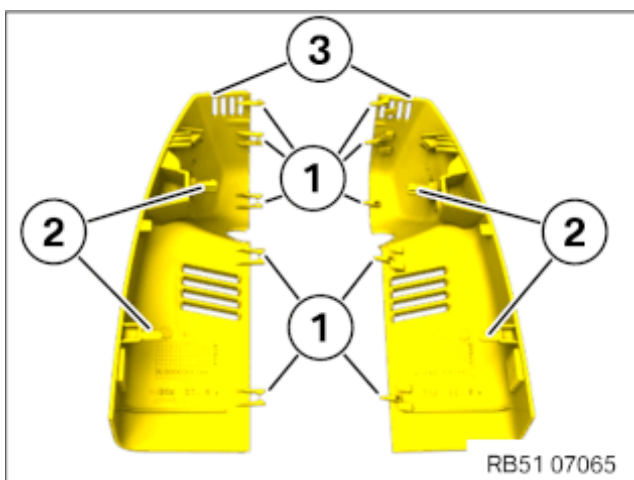
- Clip in the cover (1).



- Connect and lock corresponding connectors.
- Clip in sun visor.
- Make sure the clamp (3) locks correctly.
- Clip in the cover (2).
- Attach the sun visor on the counter support (1).



30-Installing the covers for the interior mirror



Check

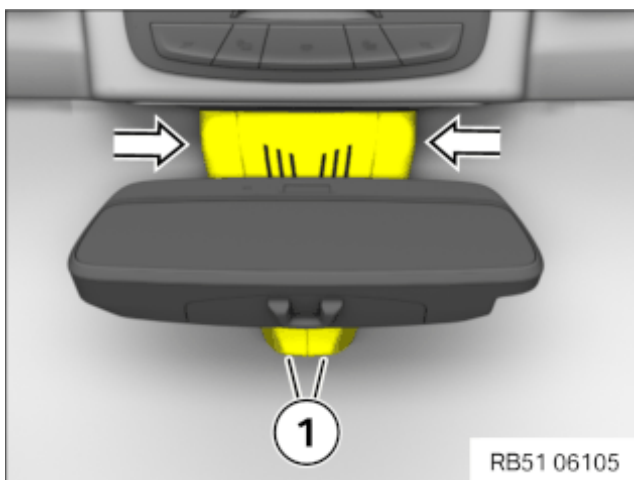
- Check the latch mechanisms (1) and the guides (2) for damage on both the covers (3).

Result

» The latch mechanism or guide is damaged.

Measure

- Renew the cover.

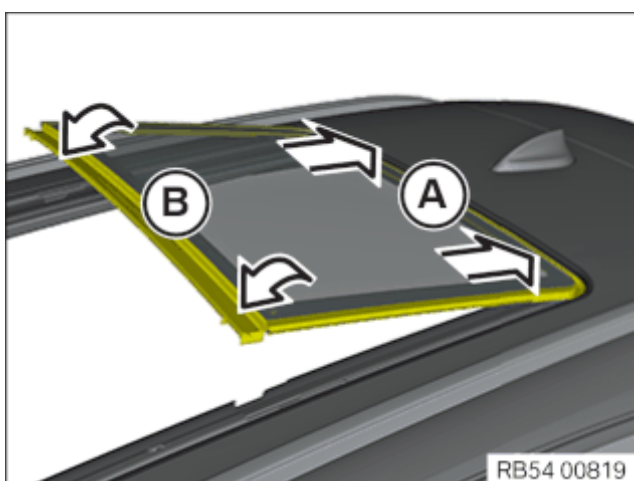


NOTICE

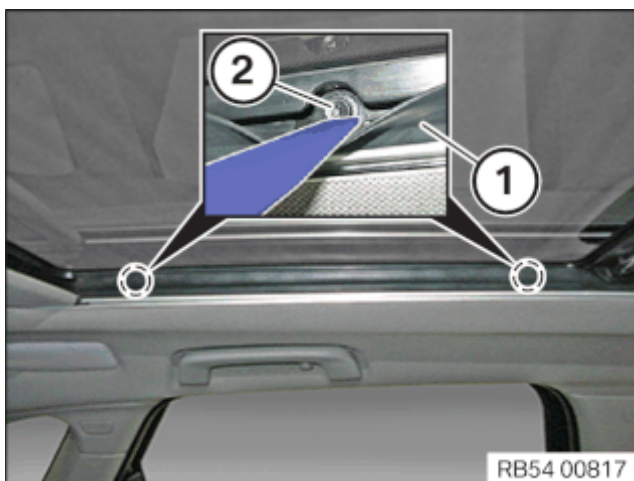
Schematic diagram is for example purposes. Some parts may differ in certain details.

- Clip in the end caps (1) on the mirror base in direction of arrow.

31–Installing the rear panorama glass roof lid



- Feed the rear panoramic glass sunroof cover (A) into the roof with the water channel.
- Fold the front panoramic glass sunroof cover (B) downwards.



RISK OF DAMAGE

Damage to the panorama glass roof or the mechanics of the panorama glass roof.

Any screws or foreign objects remaining at the installation location or in the component may damage the panorama glass roof.

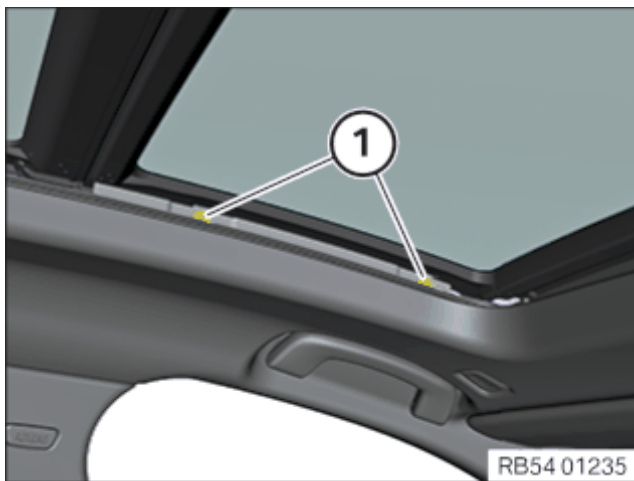
- Ensure that no screws or other foreign objects are left behind.

- Fold the screen (1) slightly downwards.
- Renew screws (2).

Parts: Screws

- Screw in the screws (2) on the left and right, do not tighten.

32–Installing the front panorama glass roof panel



RISK OF DAMAGE

Damage to the panorama glass roof or the mechanics of the panorama glass roof.

Any screws or foreign objects remaining at the installation location or in the component may damage the panorama glass roof.

- Ensure that no screws or other foreign objects are left behind.

- Position the panoramic glass sunroof cover (2).
- Renew screws (1).

Parts: Screws

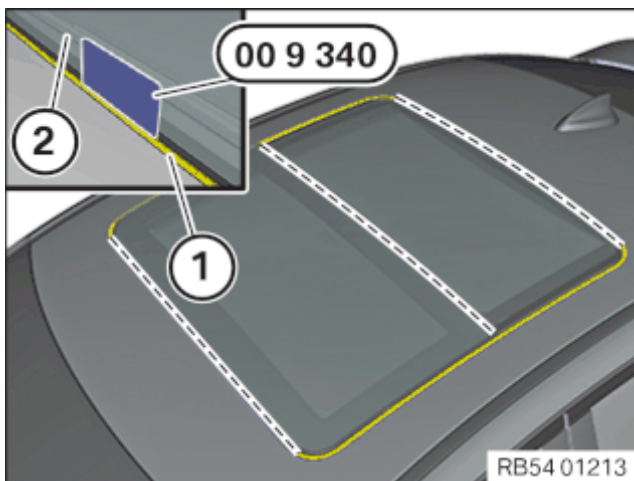
- Screw in the bolts (1) on the left and right, do not tighten yet.

33–Checking the adjustment of the panorama glass roof

[Additional information is available.](#)

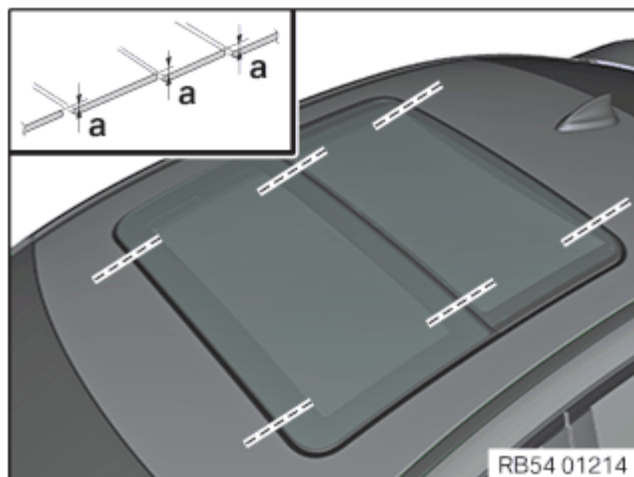
Prerequisite

Panoramic glass sunroof is completely closed, roller sunblind is open.

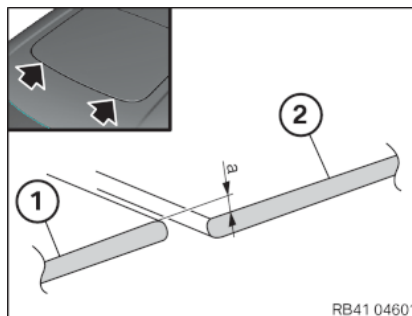
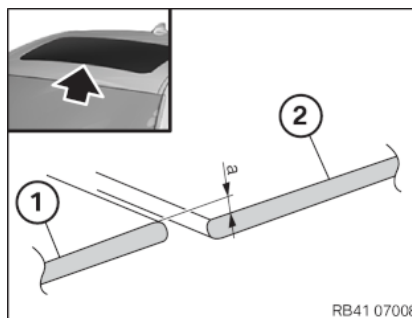
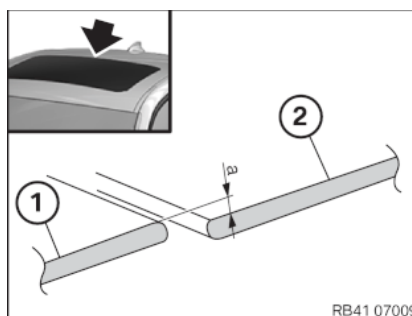


- Check if the distance of the panorama glass roof lid to the roof is the same at the front and rear.
- Insert special tool **0 493 687 (00 9 340)** between the seal (1) and the panorama glass roof lid (2).

The resistance when moving the special tool must be the same at the front and rear.



- Make sure the front of the lid is flush to a dimension of (a) lower than the roof outer skin at the front.
- Make sure that the front of the lid is flush to a dimension of (a) higher than the rear of the lid.
- Make sure the rear of the lid is flush to a dimension of (a) higher than the rear of the roof outer skin.

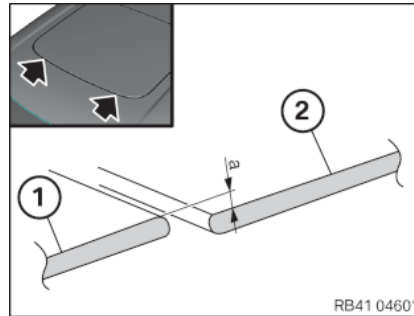
Gap dimension roof outer skin to glass slide/tilt roof panel,...*1 Roof outer skin; 2 Glass slide/tilt roof panel, front***a** $0,6^{+0,8}_{-0,7}\text{mm}$ **Gap dimension roof outer skin to glass slide/tilt sunroof pa...***1 roof outer skin; 2 glass slide/tilt sunroof panel***a** $0,7^{+0,75}_{-0,75}\text{mm}$ **Gap dimension glass slide/tilt sunroof panel to roof outer s...***1 glass slide/tilt sunroof panel; 2 roof outer skin***a** $0,7^{+0,75}_{-0,75}\text{mm}$ 

Gap dimension roof outer skin to glass slide/tilt roof panel,...

1 Roof outer skin; 2 Glass slide/tilt roof panel, front

a

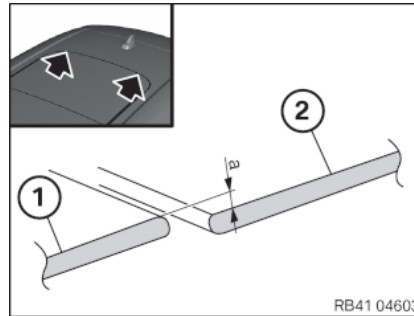
$0,6^{+0,75}_{-0,75}$ mm

**Gap dimension glass slide/tilt sunroof panel, rear, to roof o...**

1 Glass slide/tilt roof panel, rear; 2 roof outer skin

a

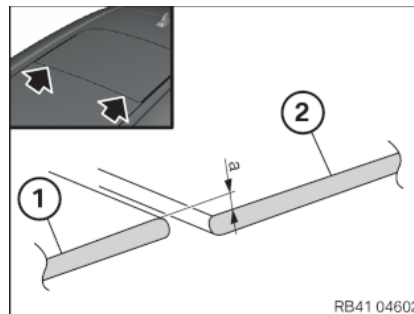
$0,6^{+0,75}_{-0,75}$ mm

**Tap dimension glass slide/tilt roof panel front to rear**

1 Glass slide/tilt roof panel, front; 2 glass slide/tilt roof panel, rear

a

$0,7^{+0,75}_{-0,75}$ mm



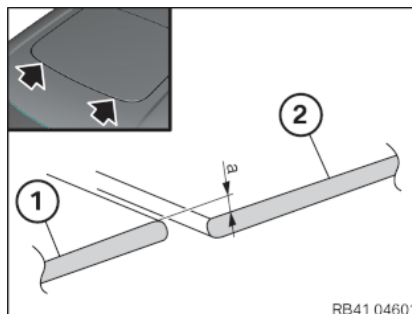
Gap dimension roof outer skin to glass slide/tilt roof panel,...



1 Roof outer skin; 2 Glass slide/tilt roof panel, front

a

$0,6^{+0,8}_{-0,8}\text{mm}$



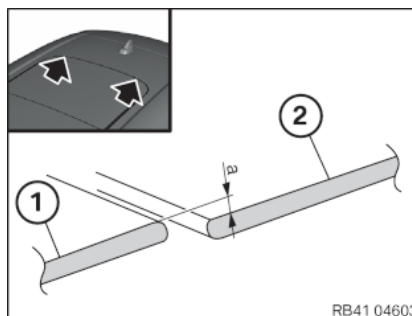
Gap dimension glass slide/tilt sunroof panel, rear, to roof o...



1 Glass slide/tilt roof panel, rear; 2 roof outer skin

a

$0,6^{+0,8}_{-0,8}\text{mm}$



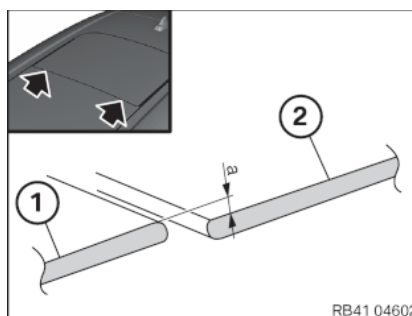
Tap dimension glass slide/tilt roof panel front to rear



1 Glass slide/tilt roof panel, front; 2 glass slide/tilt roof panel, rear

a

$0,7^{+0,8}_{-0,8}\text{mm}$



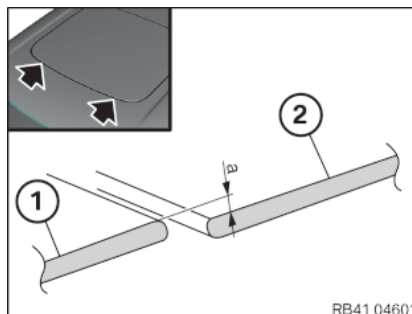
Gap dimension roof outer skin to glass slide/tilt roof panel,...



1 Roof outer skin; 2 Glass slide/tilt roof panel, front

a

$0,6^{+0,8}_{-0,7}$ mm



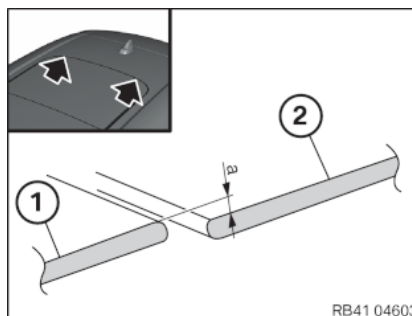
Gap dimension glass slide/tilt sunroof panel, rear, to roof o...



1 Glass slide/tilt roof panel, rear; 2 roof outer skin

a

$0,6^{+0,8}_{-0,7}$ mm



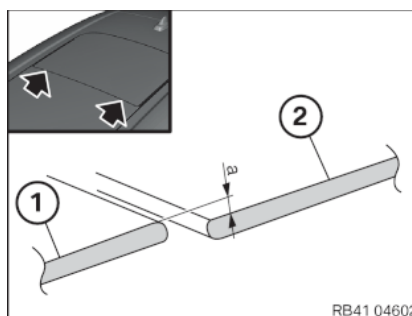
Tap dimension glass slide/tilt roof panel front to rear



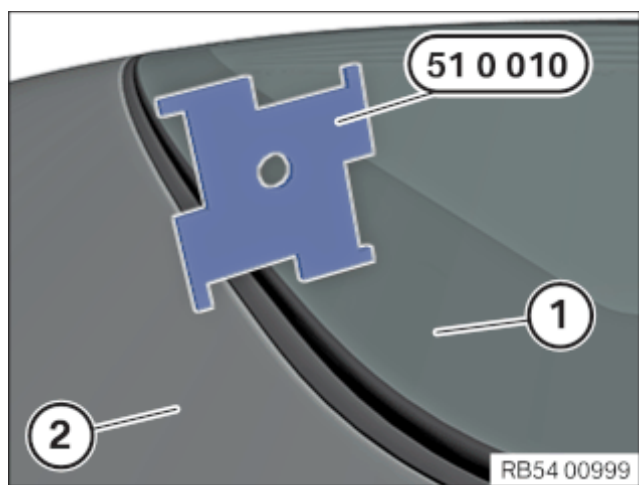
1 Glass slide/tilt roof panel, front; 2 glass slide/tilt roof panel, rear

a

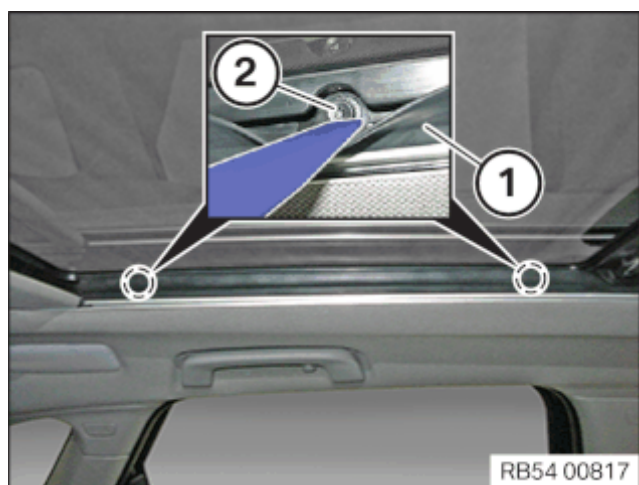
$0^{+1,5}_{-0}$ mm



- Measure the height of the panorama glass roof lid (1) to the roof (2) with the special tool **0 495 259 (51 0 010)**.



34—Adjusting rear panorama glass roof lid



- Fold the screen (1) slightly downwards.
- Slacken the screws (2) on the left and right until the panoramic glass sunroof cover can be moved straight.
- Move the panoramic glass sunroof cover until the ideal setting is reached.
- Tighten the screws (2).

Panorama glass roof lid to mechanics

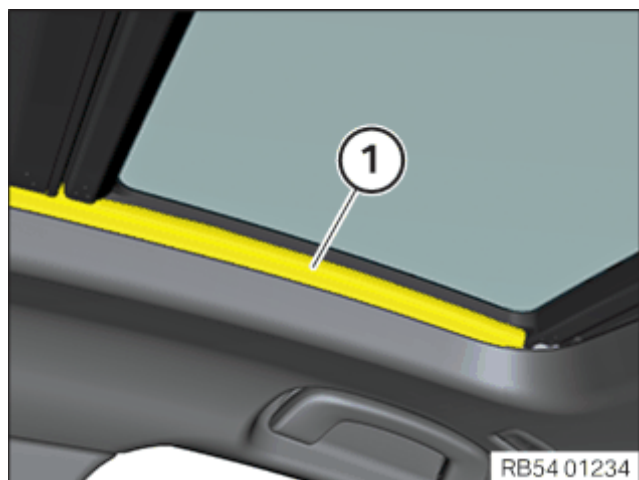


M5	Replace screws.	4,5 Nm
----	-----------------	--------

35—Adjusting the front panorama glass roof panel

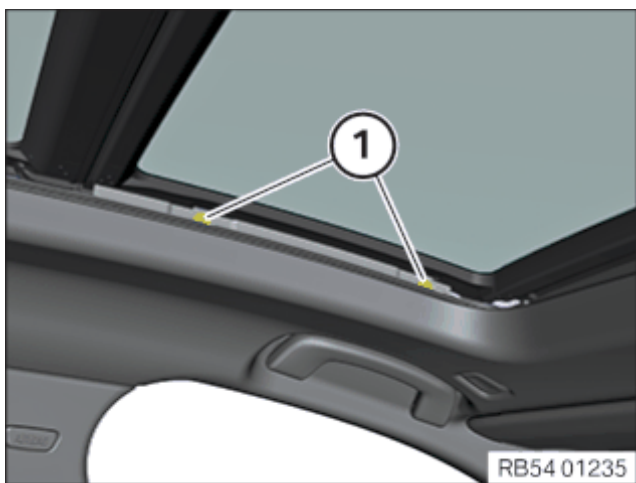
NOTICE

Perform the operations on the left and right side.



- Pull off the seal (1) around the panorama glass roof panel towards the inside.

- Close the panorama glass roof panel and open the roller sunblind.



- Slacken the screws (1) until the panorama glass roof panel can barely still be moved.
- Move the panorama glass roof panel until the ideal position is reached.
- Renew screws.

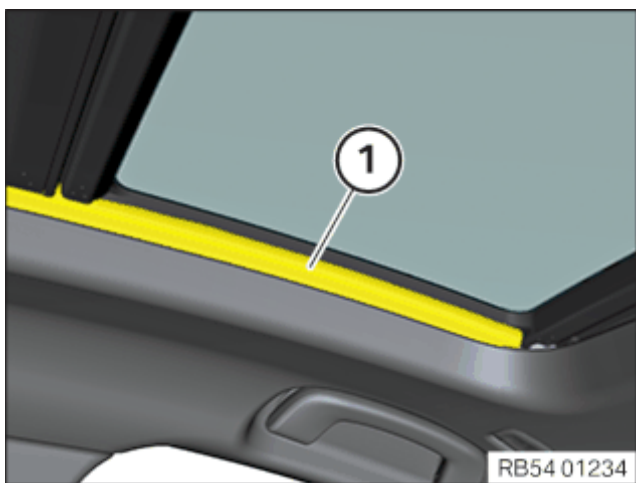
Parts: Bolts

- Tighten the screws (1).

Panorama glass roof lid to mechanics



M5	Replace screws.	5 Nm
----	-----------------	------



- Insert the seal (1) around the panorama glass roof panel.

36–Initialise panorama glass roof



- Close all doors.
- Operate the START-STOP button three times within 0.8 s.
- Press and hold the switch towards "Lift".
- In the event of a delayed start or sudden stop of the glass sunroof: Continue to press and hold the switch towards "Lift".

i TECHNICAL INFORMATION

If the switch is released in the meantime, the initialisation must be restarted.

- Keep pressing the switch during the entire procedure (approx. 50 s):
 - Initialisation starts approx. 15 s after the button is pressed.
 - The glass roof and the roller sunblind are each opened and closed completely.

Initialisation is complete once the glass roof and the roller sunblind are completely closed. The button can then be released.

- Carry out function check (one-touch function, anti-trapping protection and, if necessary, comfort function).

- Clear fault memory in FZD control unit.