



SIB 72 01 20

2020-02-12

JINGLING NOISE HEARD FROM PASSENGER B-PILLAR WHEN DRIVING ON ROUGH ROADS

MODEL

E-Series	Model Description	Production Date	Affected Option Code
F91	M8 Convertible	ALL	ALL
F92	M8 Coupe		
F93	M8 Gran Coupe		
G14	8 Series Convertible		
G15	8 Series Coupe		
G16	8 Series Gran Coupe		

SITUATION

A “jingling” noise can be heard coming from the area of the **passenger B-pillar** when driving on rough roads.

CAUSE

On uneven road surfaces the passenger safety belt (aka “seat belt”) inertia reel can be vibrated in its natural frequency range causing the jingling noise.

CORRECTION

- For **Coupe/Convertible** Models (F91, F92, G14, G15) the passenger-side safety belt inertia reel must be replaced. The polystyrene block must be properly installed behind the reel.
- For **Gran Coupe** Models (F93, G16) the passenger-side safety belt reel must be replaced

PROCEDURE

For **Coupe/Convertible** Models (F91, F92, G14, G15):

Follow Repair Instructions to remove safety belt inertia reel. When removing the reel, retain the polystyrene block to be reinstalled.

- REP-P-7211900-G14 /(F91)
- REP-P-7211900-G15 (F92)

The safety belt reel mounting bolt must be replaced once removed.

- Torque bolt to 42 Nm**

After installation of the new safety belt inertia reel, the white-colored polystyrene block must be wedged between the reel and the pipe.



Here the block is properly wedged between the pipe and reel.

Reassemble the vehicle.

Drive the vehicle on a rough road surface to ensure the noise is gone.

For **Gran Coupe** Models (F93, G16):

Follow Repair Instructions to remove safety belt inertia reel.

- REP-P-7211900-G16 (F93)

Replace seat belt inertia reel.

The safety belt reel mounting bolt must be replaced once removed.

- **Torque bolt to 42 Nm**

Reassemble vehicle.

Drive vehicle on a rough road surface to ensure the noise is gone.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

Part Number	Description	Quantity
Refer to ETK	Seat belt reel (seat belt color specific, M Seat belt specific)	1

And:		
07 14 9 148 299	Fillister Head Screw (M10x22)	1
And if needed:		
72 11 9 476 335	Foam Rubber Insert	1

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	7211003900	Safety belt, front disruptive noises
Labor Operation	Description	Labor Allowance
0000 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And:		
72 11 901	Replacing upper seat belt, right front (after vehicle diagnosis)	Refer to AIR

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006.

Refer to AIR for the corresponding flat rate unit (FRU) allowances.

Supporting Materials

[picture_as_pdf B72 01 20 REP-P-7211900-G16.pdf](#)

[picture_as_pdf B72 01 20 REP-P-7211900-G15.pdf](#)

[picture_as_pdf B72 01 20 REP-P-7211900-G14.pdf](#)

BMW Group - AIR: 2020-01-28 / 09:14

Dealer: -/-

Model: 840i

Development code: G14

Model code: DZ23

Lead type: DZ23

Replacing upper seat belt, right front (after vehicle diagnosis) »

Prerequisite

- Convertible top is open.

Convertible top flap is in open position.

Wind deflector is removed.

Rear seat backrest is folded.

The front seat is adjusted all the way forward.

WARNING

Airbag unit.

Danger! Immobilization period-threatening injuries!

- Before performing any work on the airbag, always disconnect the battery ground 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! Immobilization period-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.

📖 NOTE

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

Preliminary work

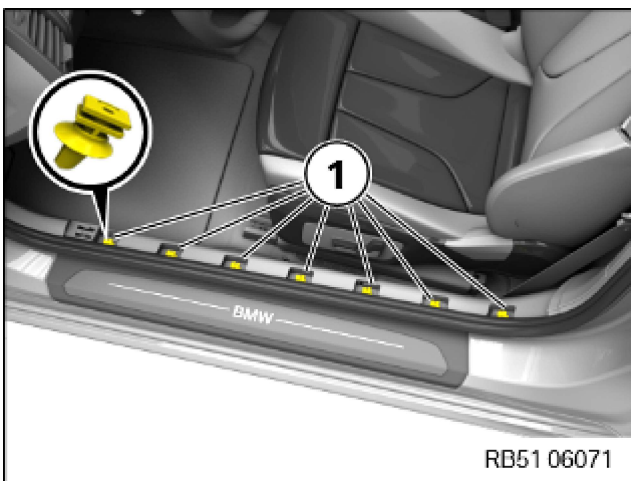
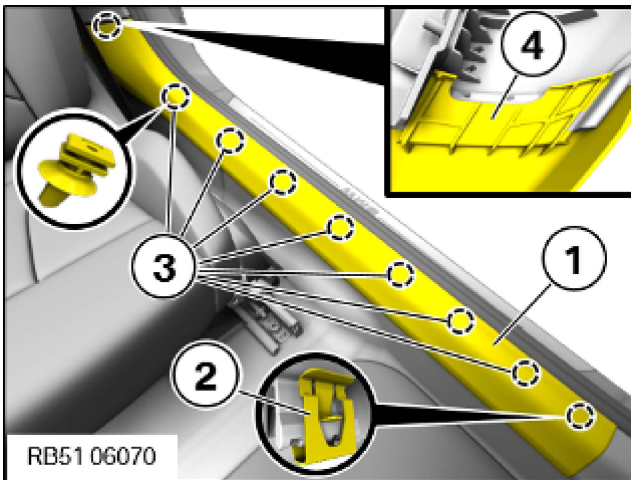
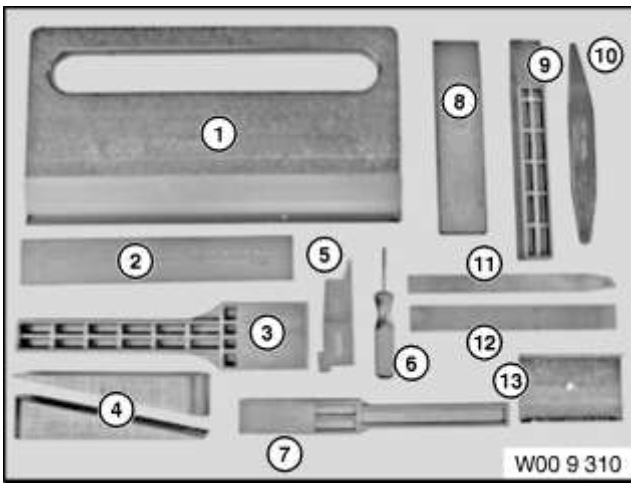
Disconnecting all battery ground leads



- See additional information.

Removing the inner door sill cover strip

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



Remove rear seat

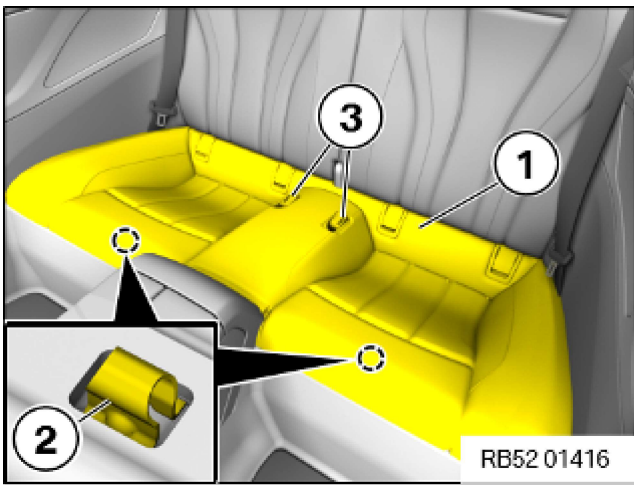


RISK OF DAMAGE

Bending of plastic components.
Application of too much force can lead to bending of plastic components.

- Place special tool directly beside the mounting clip.
- Continue unclipping the part without using the tool if possible.
- Using a suitable tool, release the inner door sill cover strip (1) upwards out of the clamp (2) and with the clips (3).
- Guide the inner door sill cover strip (1) out of the lug (4) and the edge protection seal.
- If necessary, remove the clips (1) and fit onto the inner door sill cover strip.





- Unclip the rear seat (1) upwards out of the clamps (2) and feed out the seat belt buckles (3) .

Removing the rear outer window recess finisher strip

Prerequisite

Side window glass is open.

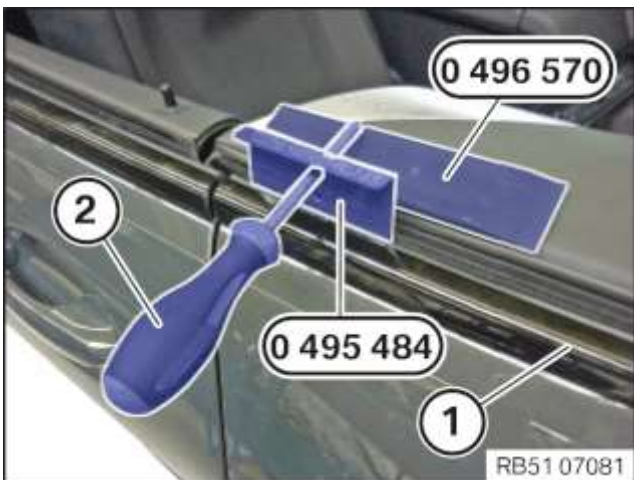


RISK OF DAMAGE

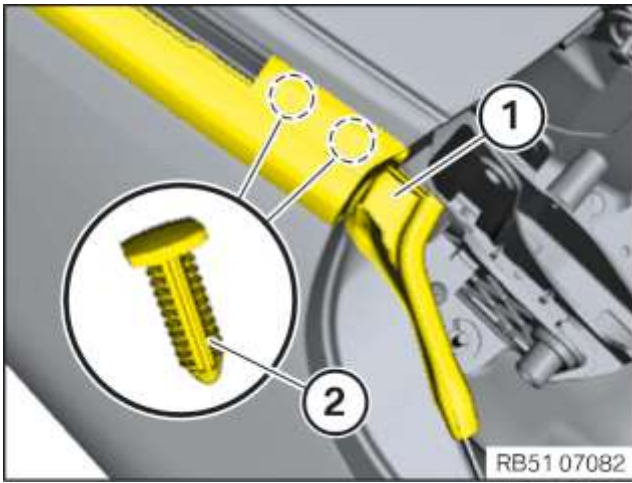
Damage of high-quality surfaces.

Plastic wedges can damage high-quality surfaces.

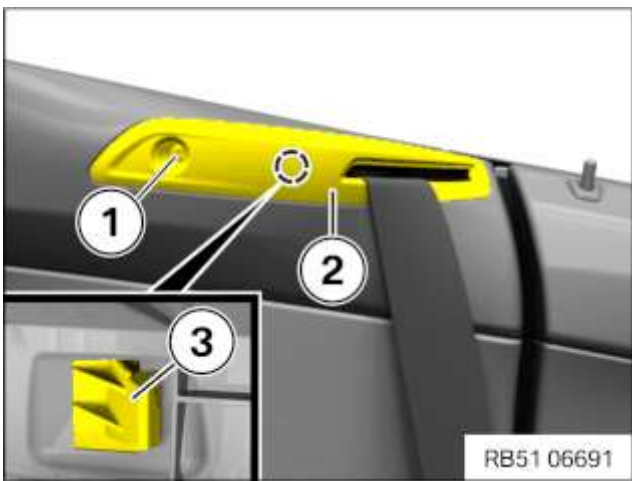
- Protect surfaces from damage.



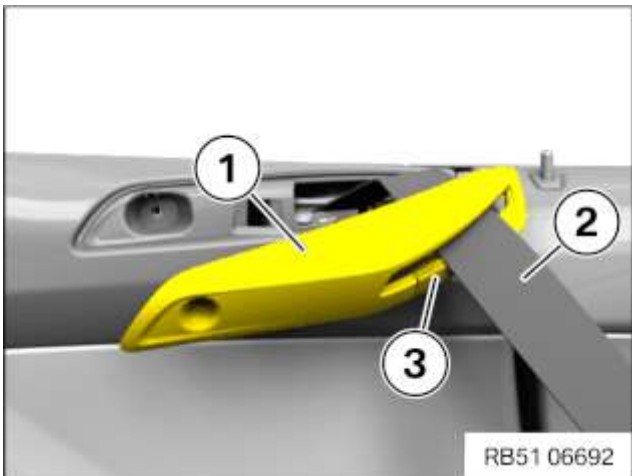
- Insert special tool 0 495 484 (00 9 324) into window cavity.
- Position the special tool 0 495 484 (00 9 324) as shown with the short shank at the lower edge of the window recess finisher strip (1).
- Position the special tool 0 496 570 (00 9 326) on the side trim panel.
- To avoid pressure points on the side trim panel from the special tool 0 496 570 (00 9 326), also protect the side trim panel.
- Thread a suitable tool (2) through the opening in the special tool 0 495 484 (00 9 324).
- Gradually shift special tool 2 298 505 and 0 495 484 (00 9 324) backwards until the window recess finisher strip (1) has been completely lifted off.
- Release and remove the window recess finisher strip (1) from the clips (2).



Remove the seat belt finisher strip



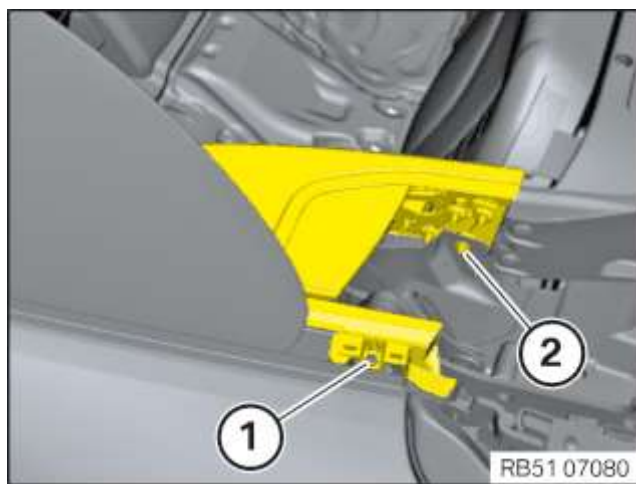
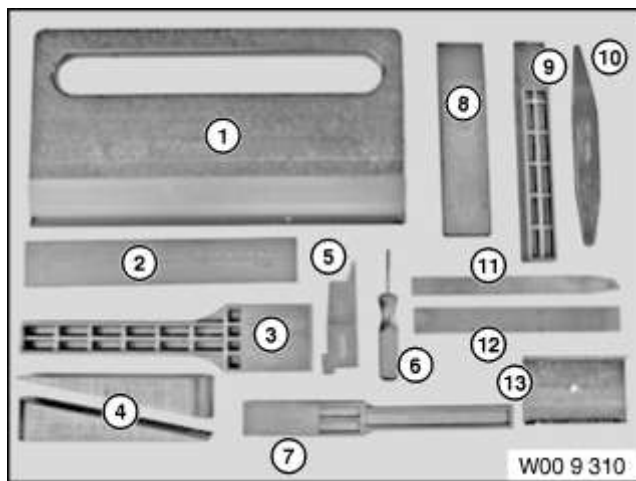
- Loosen screw (1).
- Release the seat belt finisher strip (2) from the detent (3) and remove from the side trim panel.



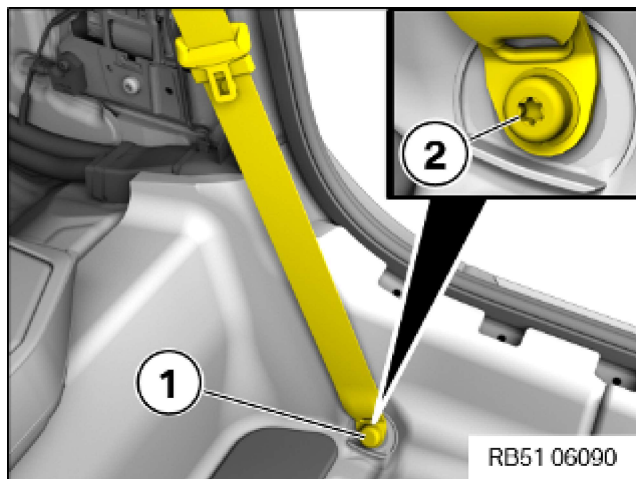
- Unclip clip (3) from behind and remove it from the seat belt finisher strip (1).
- Feed the safety belt (2) out of the seat belt finisher strip (1) and remove the seat belt finisher strip (1).

Remove rear side trim panel

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



- Loosen nut (1).
- Loosen screw (2).

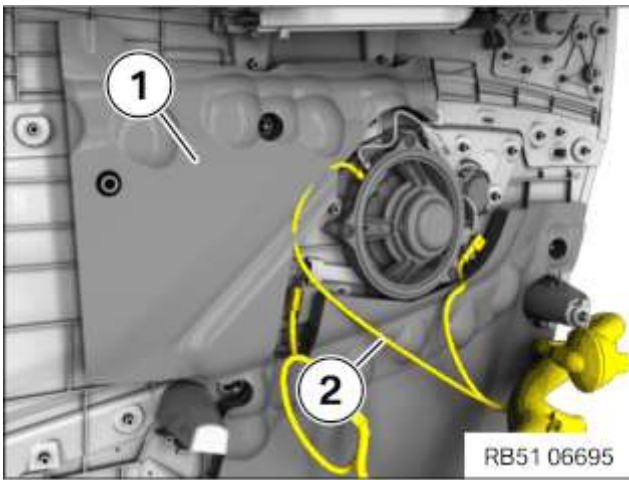
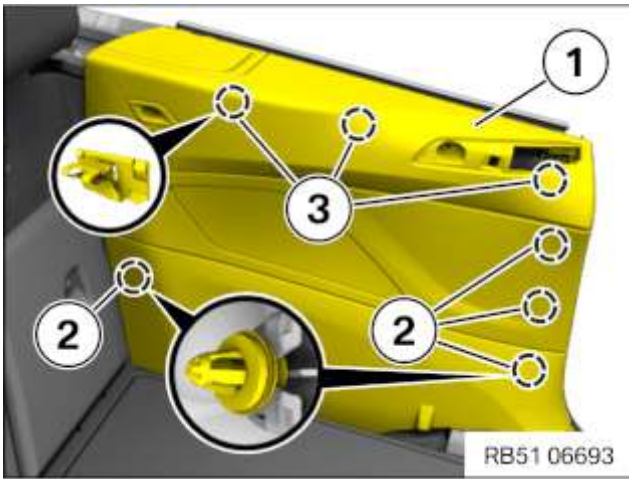


NOTE

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

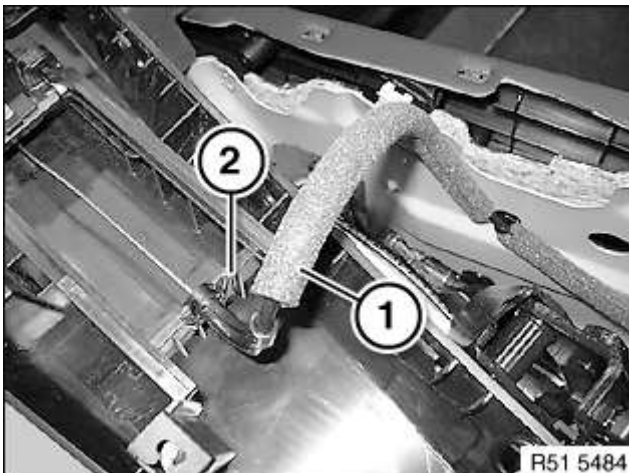
- Remove the protective cap (1).
- Loosen screw (2).

- Unclip the rear side trim panel (1) on the clips (2) using a suitable tool.
- Unclip the rear side trim panel (1) upwards from the clamps (3).
- Feed the rear side trim panel (1) out of the door weather strip.
- Feed the safety belt (1) out of the rear side trim panel.



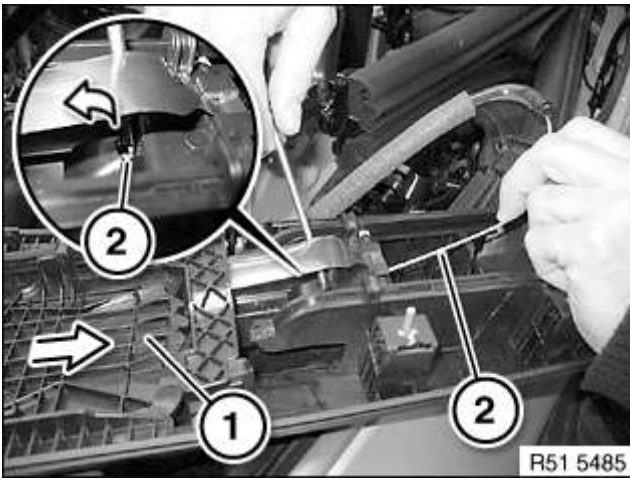
- Unlock all of the plug connections of the wiring harness (2) on the rear side trim panel (1) and disconnect them.

► Partially release the Bowden cable for the convertible top cover



- Unclip the bowden cable (1) from the detent(2).

- Push back the trim (1).
- Unclip the Bowden cable (2) in arrow direction from the detents on the trim (1) and remove towards rear.



Main Works

Removing the front upper seat belt

WARNING

Airbag unit.

Danger! Immobilization period-threatening injuries!

- Before performing any work on the airbag, always disconnect the battery ground 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.

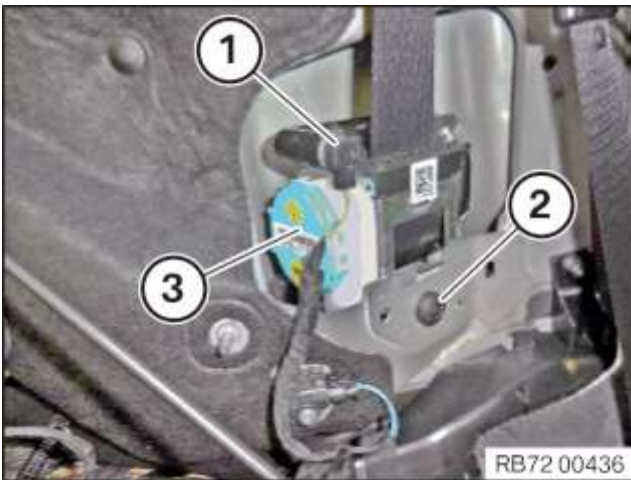
Danger! Immobilization period-threatening injuries!

- 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.

- Loosen screw (1).

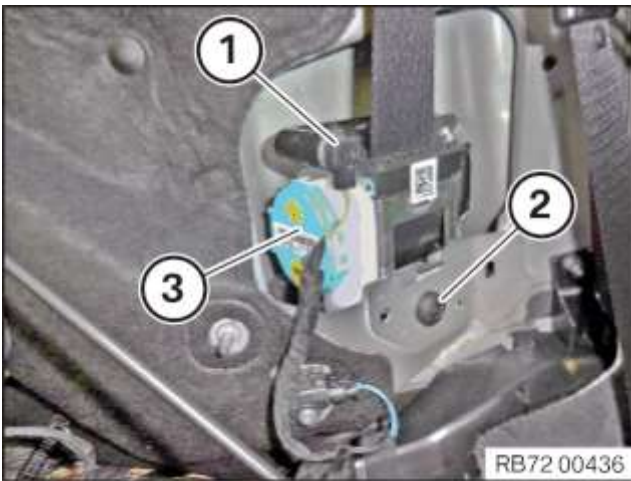


- Remove the seat belt guide loop (2).



- Unlock plug connection (1) and disconnect.
- Loosen screw (2).
- Thread out the seat belt retractor (3).

Installing the front upper seat belt



- Guide in and correctly position seatbelt retractor (3).
- Tighten down screw (2).

Tightening torques

Seat belt retractor to body

Screw

tightening torque
42Nm

- Connect connectors (1) and lock.
- Correctly position the seat belt guide loop (2).
- Tighten down screw (1).

Tightening torques

Seat belt guide loop on body

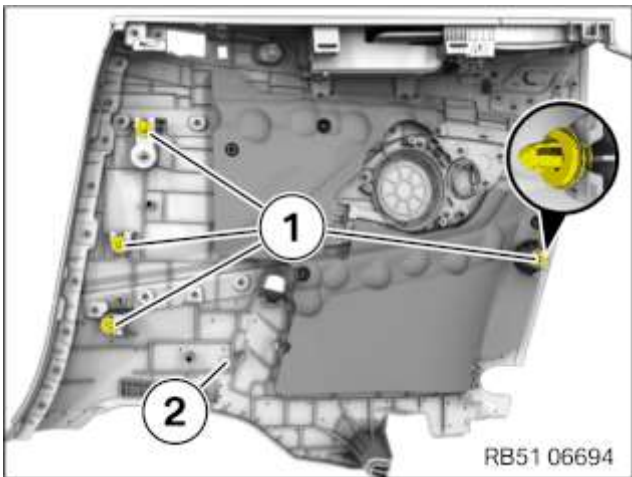


Screw

tightening torque
42Nm

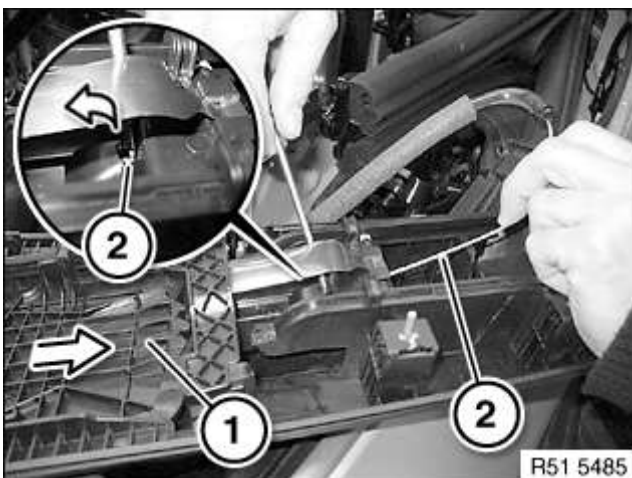
Follow-up works

Install rear trim panel



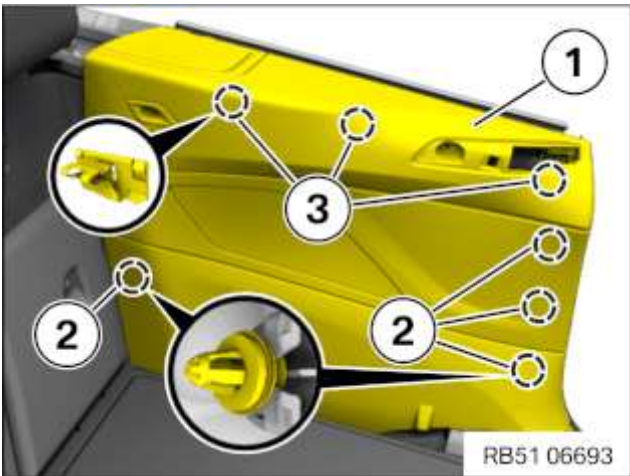
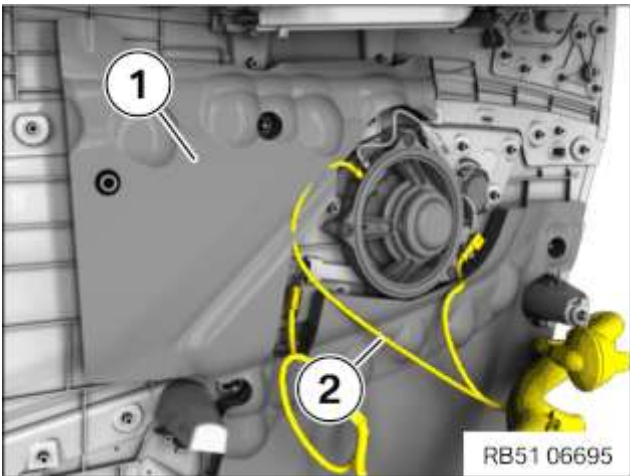
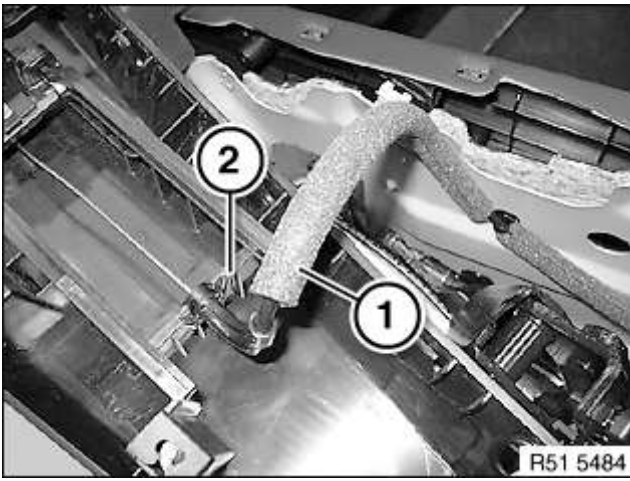
- Check the clips (1) on the side trim panel (2) for damage and renew, if necessary.

► Installing the Bowden cable for the convertible top cover



- Check the detents on the trim (1) for damage and renew if applicable.
- Clip the Bowden cables (2) into the trim (1) in direction of arrow.

- Clip the Bowden cable (1) into the detent (2).



- Connect and lock all the connectors of the wiring harness (2) on the rear side trim panel (1).

- Guide the safety belt into the rear side trim panel (1).
- Correctly position the rear side trim panel (1) and clip into the clamps (3).
- Clip in the rear side trim panel (1) with the clips (2).
- Feed the rear side trim panel (1) into the door weather strip.

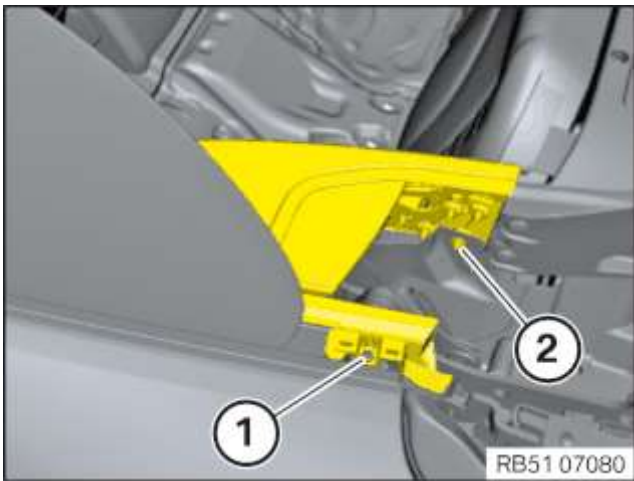
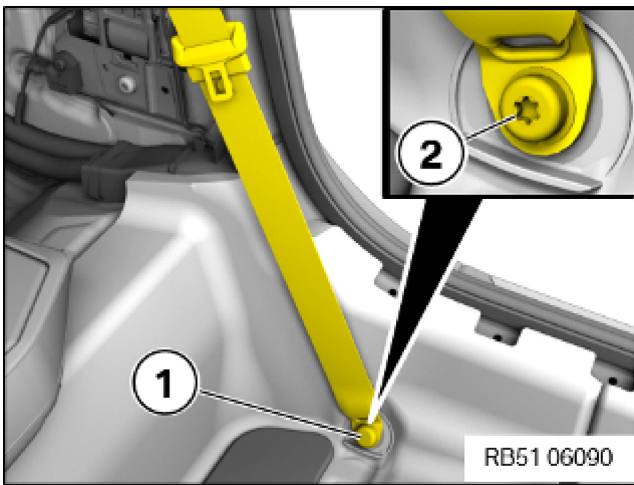


NOTE

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

- Position the safety belt and tighten the screw (2).

Tightening torques



End lining to body

screw

Tightening torque
42Nm

- Install the protective cap (1).

- Renew the screw (1).

Part: Screw

Tighten down screw (1).

Tightening torques

Linkage aperture flap to connecting bracket

Sheet metal screw
4,8x19
Renew screw.

Tightening torque
2.6Nm

- Tighten nut (2).

Tightening torques

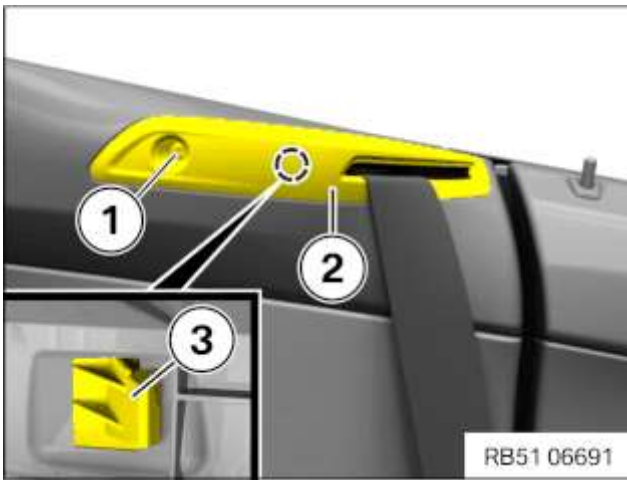
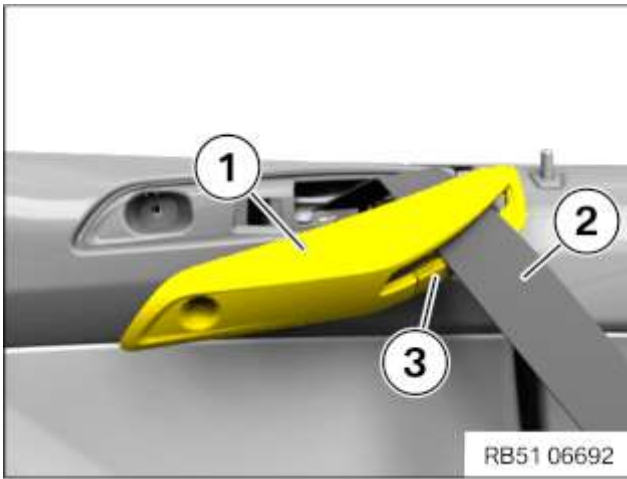
Side trim panel to body

Hexagon nut

tightening torque
3Nm

Install the seat belt finisher strip

- Feed the safety belt (2) into the seat belt finisher strip (1).
- Insert the clip (3) into the seat belt finisher strip (1).



- Position the seat belt finisher strip (2) on the rear side panel and clip it into the detent (3) .
 - Renew the screw (1).
- Part:** Screw
- Tighten down screw (1).

Tightening torques

Seat belt finisher strip to angle bracket

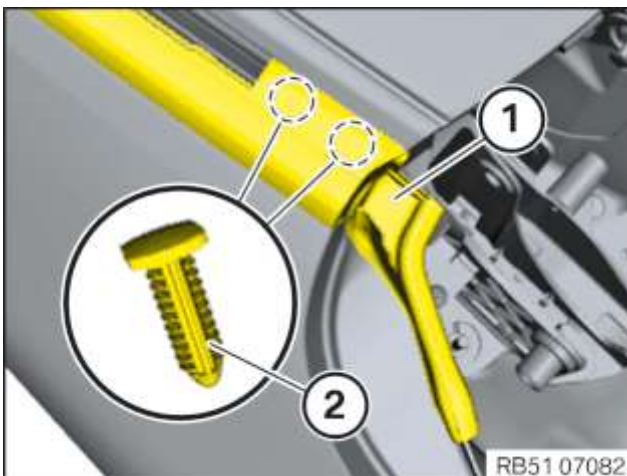
Sheet metal screw
4,8x19
Renew screw.

Tightening torque
2.6Nm

Attaching the rear outer window recess finisher strip

Prerequisite

The door window glass is open.

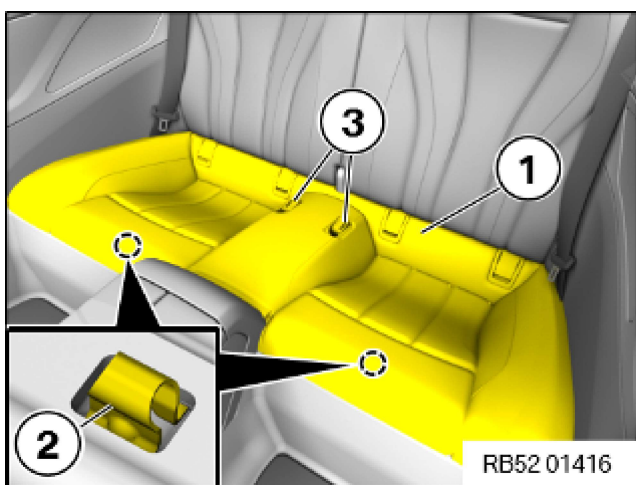


- Check the window channel strip (1) for damage, renew if necessary.
- Coat the window channel strip (1) with a suitable lubricant prior to installation.
- Attach the window recess finisher strip (1) and clip into the clips (2).



- Press down the window channel strip (1) across its entire length.

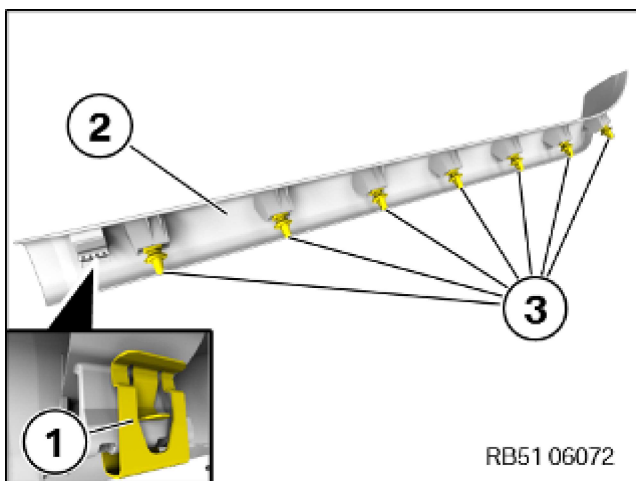
Install rear seat



- Feed in the seat belt buckles (3), position the rear seat (1) and clip into the clamps (2).

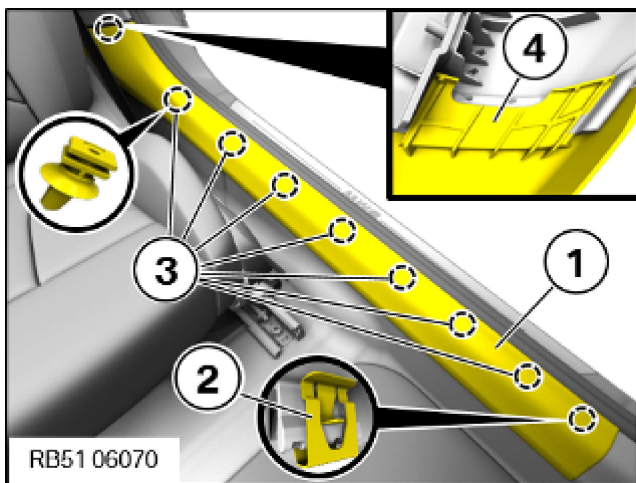


Installing the inner door sill cover strip



- Remove the clamp (1) from the body and attach it to the inner door sill cover strip (2).
- Check the clips (3) and the clamp (1) for damage and renew if necessary.

- Feed in the inner door sill cover strip (1) in the lug(4) and into the edge protection seal.
- Clip in the door sill cover strip (1) with the clamp (2) and the clips (3).



Disconnecting all battery ground leads



- See additional information.

BMW Group - AIR: 2020-01-28 / 09:16

Dealer: -/-

Model: 840i

Development code: G15

Model code: AE23

Lead type: AE23

Replacing left front upper seat belt (after vehicle diagnosis) »

Prerequisite

- Front seat adjusted fully forwards.

WARNING

Airbag unit.

Danger! Immobilization period-threatening injuries!

- Before performing any work on the airbag, always disconnect the battery ground 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! Immobilization period-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.

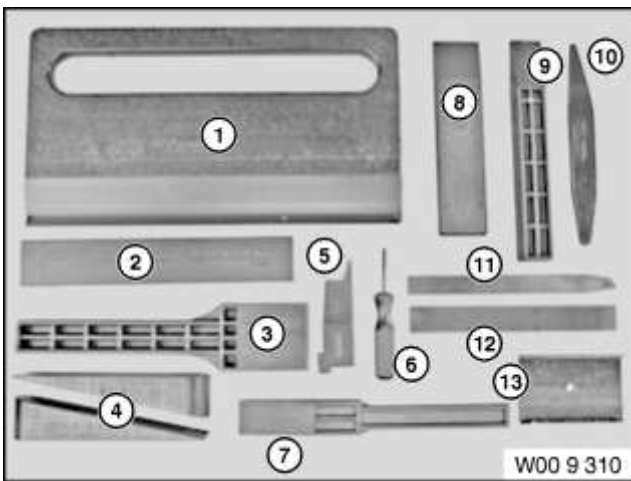
Preliminary work

Disconnecting all battery ground leads

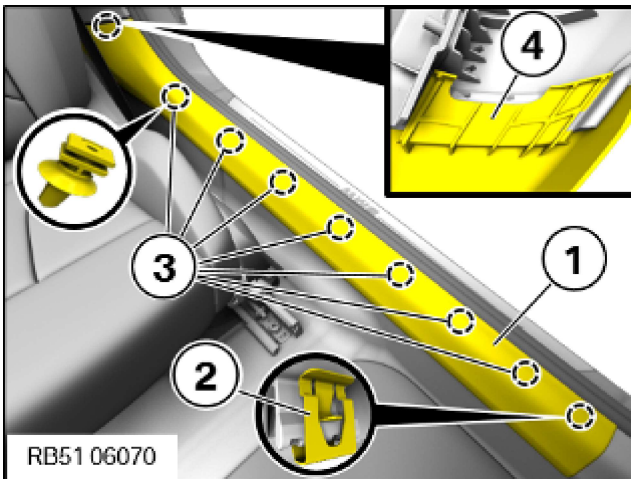


- See additional information.

Removing the inner door sill cover strip



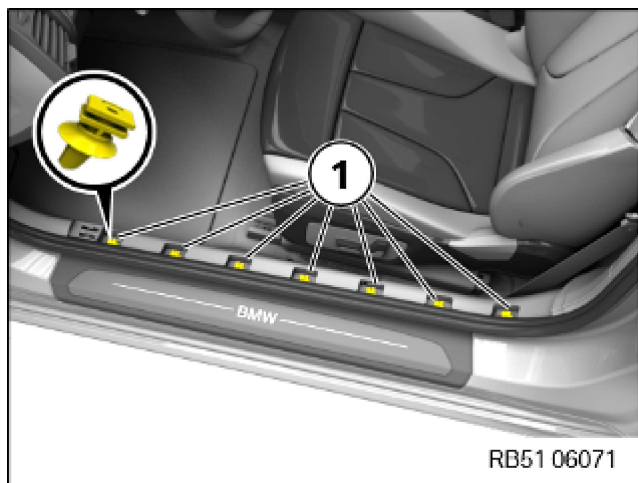
- Get the set of special tools 0 493 752 (00 9 329) ready.



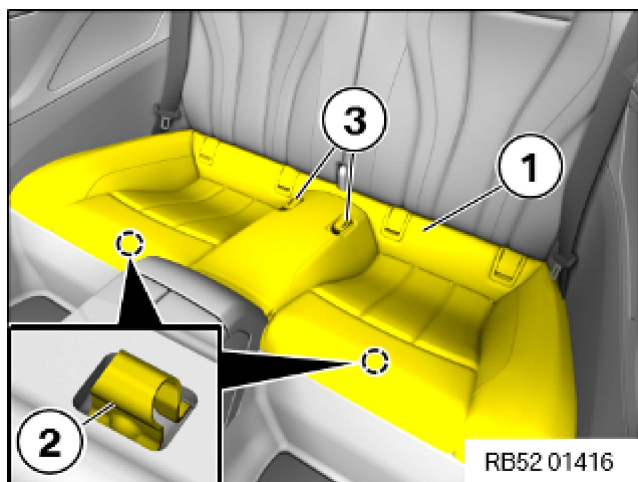
RISK OF DAMAGE

Bending of plastic components.
Application of too much force can lead to bending of plastic components.

- Place special tool directly beside the mounting clip.
- Continue unclipping the part without using the tool if possible.
- Using a suitable tool, release the inner door sill cover strip (1) upwards out of the clamp (2) and with the clips (3).
- Guide the inner door sill cover strip (1) out of the lug (4) and the edge protection seal.
- If necessary, remove the clips (1) and fit onto the inner door sill cover strip.

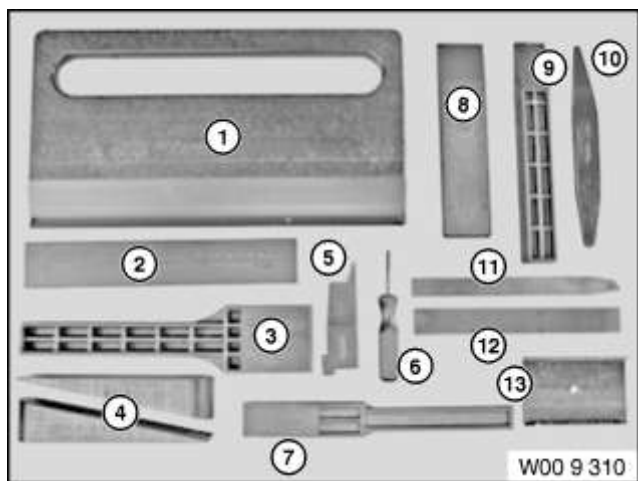


Remove rear seat



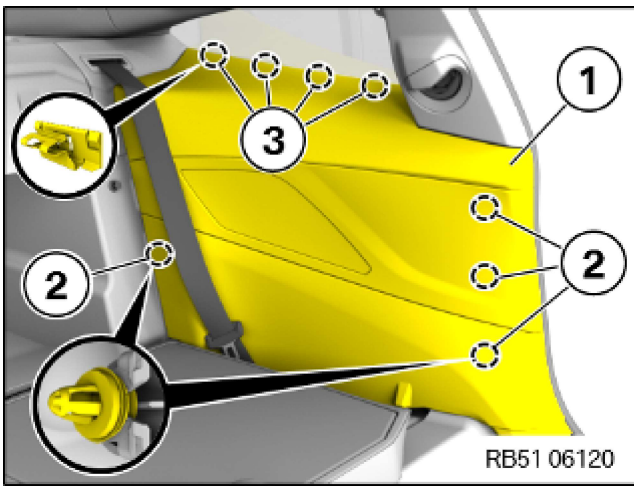
- Unclip the rear seat (1) upwards out of the clamps (2) and feed out the seat belt buckles (3) .

Remove rear side trim panel

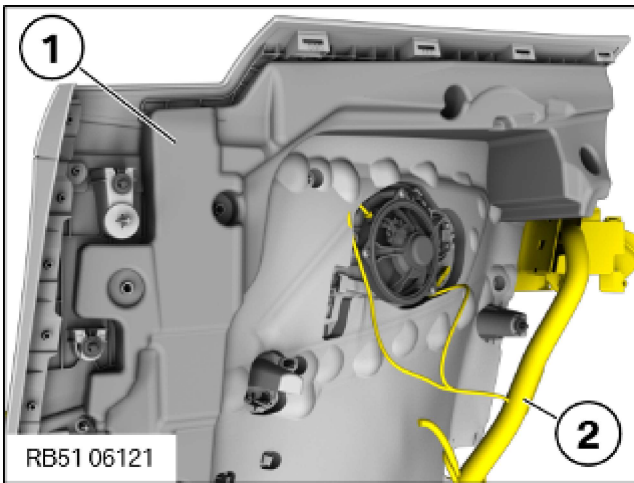


- Get the set of special tools 0 493 752 (00 9 329) ready.

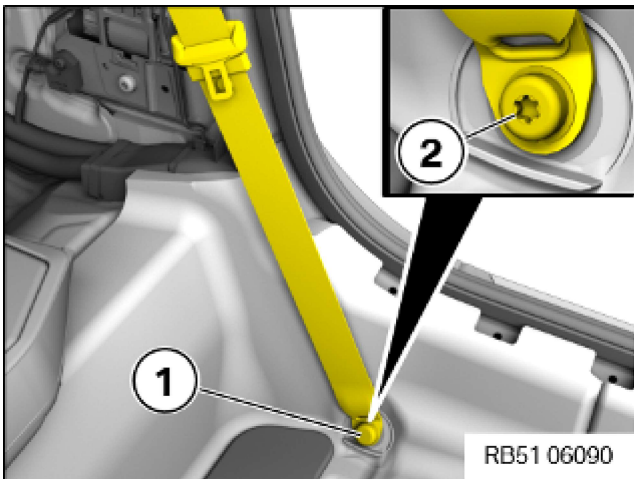
- Unclip the rear side trim panel (1) with the clips (2) using a suitable tool.
- Unclip the rear side trim panel (1) upwards out of the clamps (3) and feed it out of the edge protection.



- Unlock and disconnect all the plug connections on the rear side trim panel (1) of the wiring harness (2).

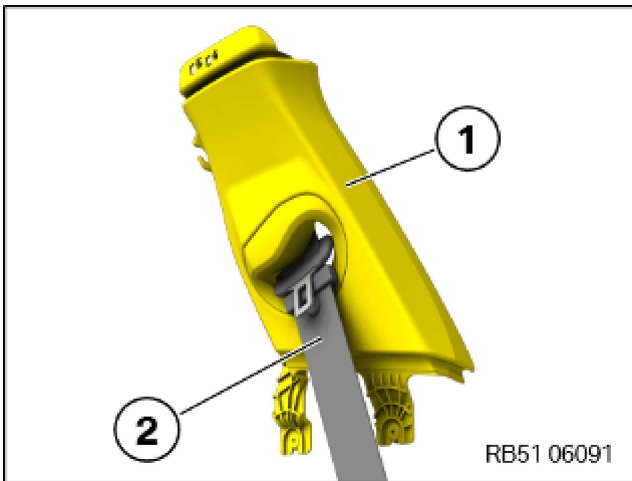
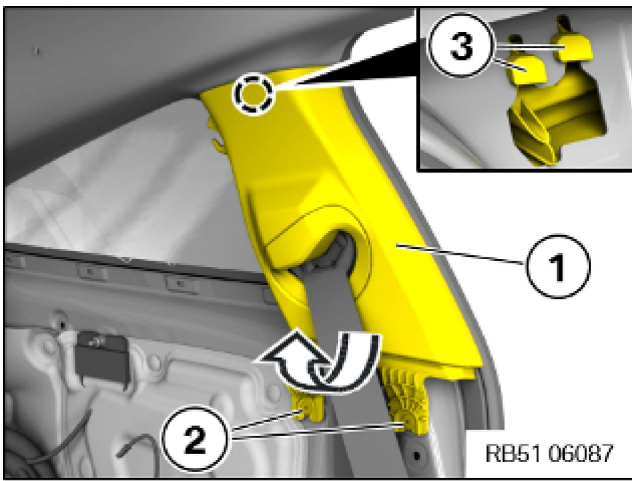


Removing the B-pillar trim panel



- Remove the cover cap (1) and release the screw (2).

- Unclip clips (2).
- Feed the B-pillar trim panel (1) out of the edge protection lip and the guides (3) in the arrow direction.



- Feed the upper seat belt (2) out of the B-pillar trim panel (1).

Main Works

Removing left front upper seat belt

WARNING

Airbag unit.

Danger! Immobilization period-threatening injuries!

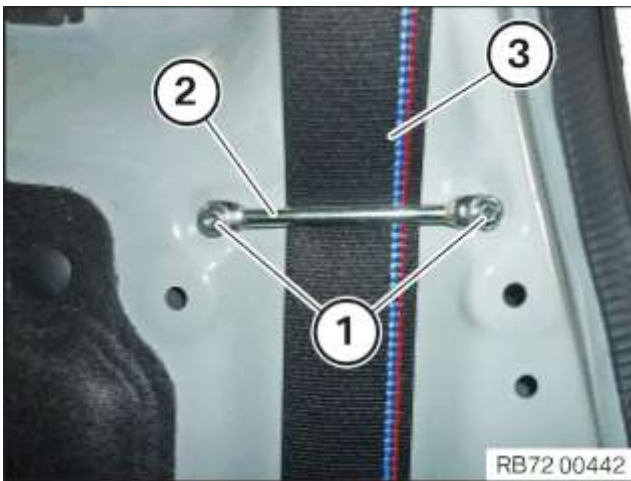
- Before performing any work on the airbag, always disconnect the battery ground lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- For additional information see: 72 00 ... Safety regulations on handling airbag system components/gas generators

⚠ WARNING**Pyrotechnic components.****Danger! Immobilization period-threatening injuries!**

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- Replace any damaged part or ones that have been dropped.
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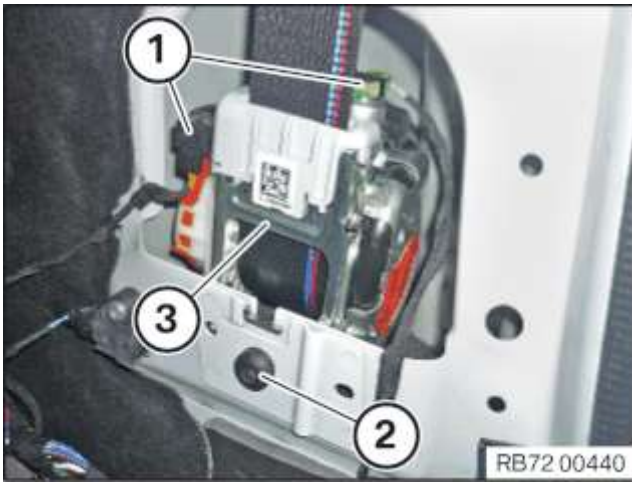


- Loosen screw (1).
- Remove the seat belt guide loop (2).

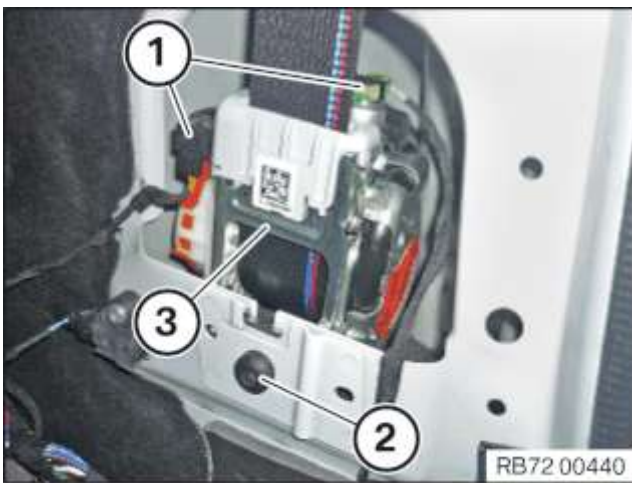


- Loosen screws (1).
- Remove the slide bar (2).
- Remove seat belt (3).

- Unlock and disconnect plug connections (1).
- Loosen screw (2).
- Thread out the seat belt retractor (3).



Installing the front left upper seat belt



- Guide in and correctly position seatbelt retractor (3).
- Tighten down screw (2).

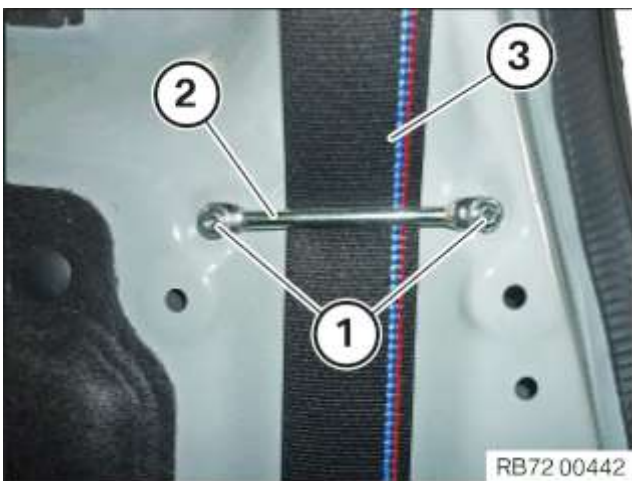
Tightening torques

Seat belt retractor to body

Screw

tightening torque
42Nm

- Connect connectors (1) and lock.



- Correctly position the safety belt (3).
- Correctly position the slide bar (2).
- Tighten down screws (1).

Tightening torques

Slide bar to body B-pillar

Screw

tightening torque
4Nm

- Correctly position the seat belt guide loop (2).
- Tighten down screw (1).

Tightening torques

Seat belt guide loop on body

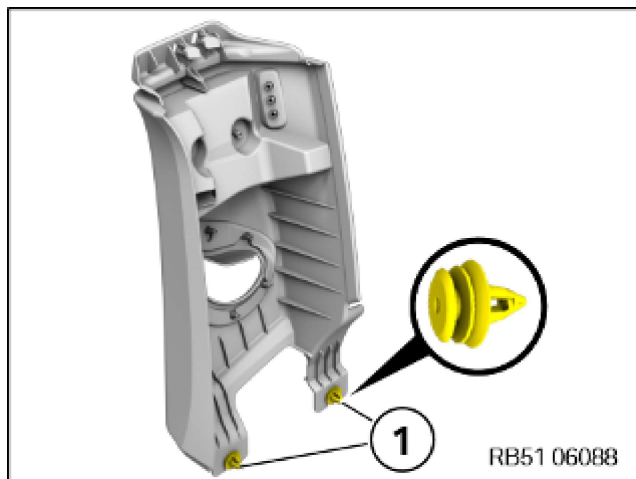


Screw

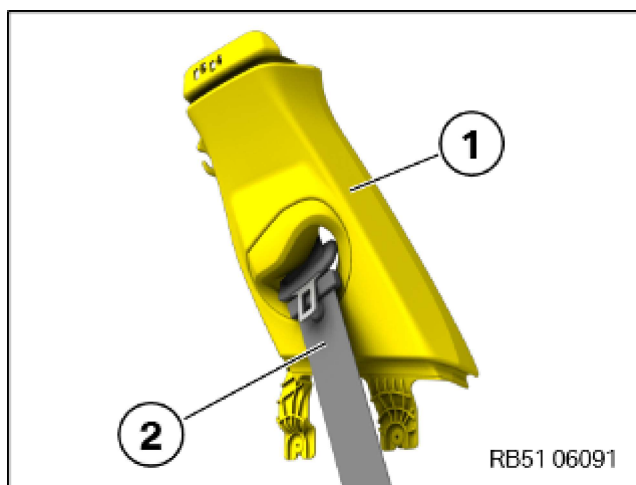
tightening torque
42Nm

Follow-up works

Install B-pillar trim panel

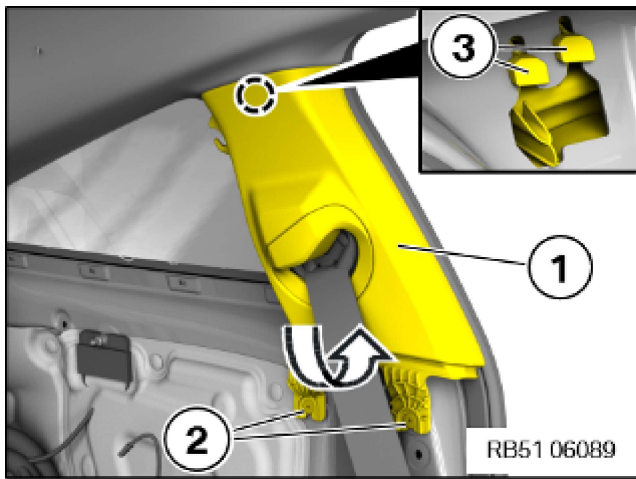


- Check the clips (1) for damage and renew where required.



- Feed the upper seat belt (2) into the B-pillar trim panel (1).

- Feed the B-pillar trim panel (1) into the guides (3) in arrow direction and under the lip of the edge protection.
- Clip the B-pillar trim panel in (1) with the clips (2) .



- Tighten down screw (2).

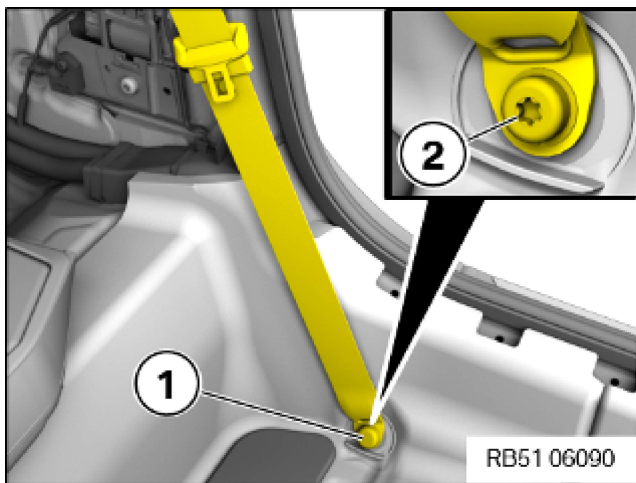
Tightening torques

End lining to body

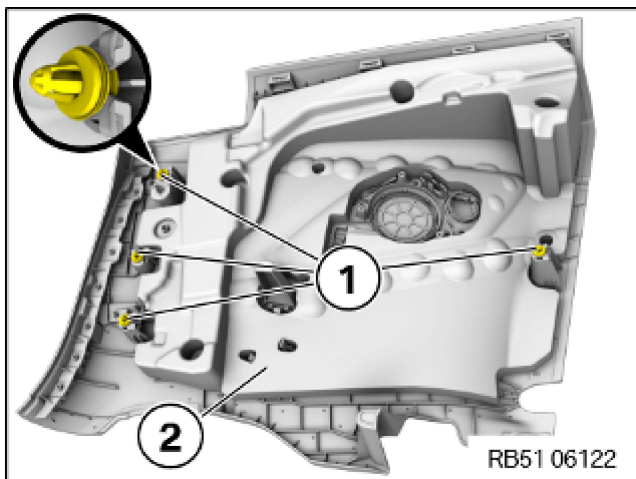
screw

Tightening torque
42Nm

- Install the protective cap (1).

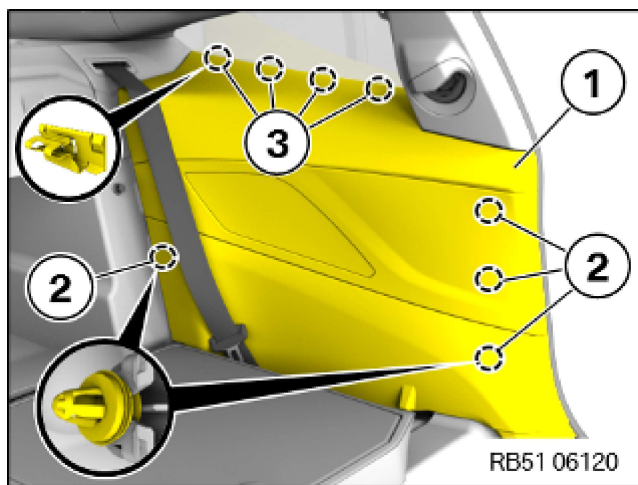
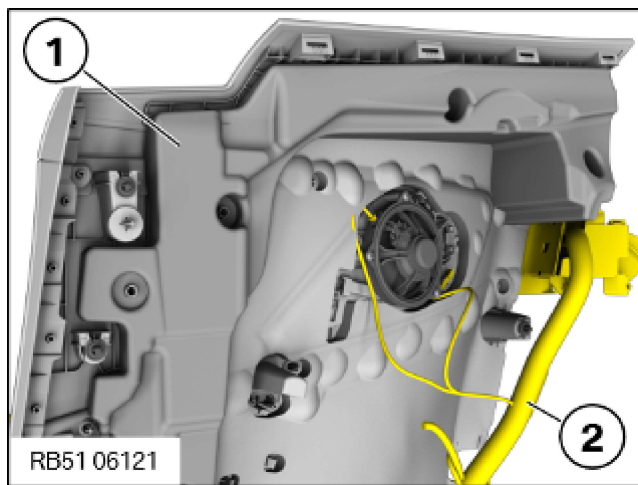


Install rear trim panel



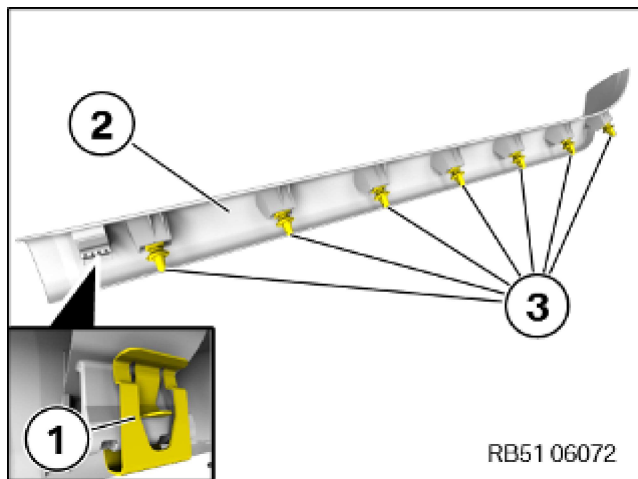
- Check the clips (1) on the side trim panel (2) for completeness and damage and renew if necessary.

- Connect and lock all the connectors on the rear side trim panel (1) of the wiring harness (2).



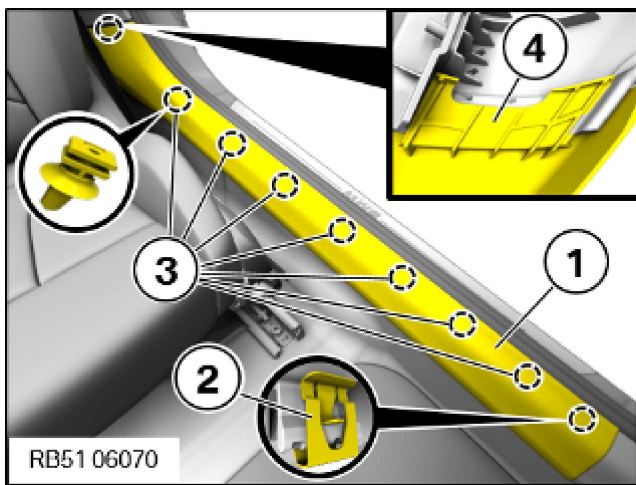
- Clip the rear side trim panel (1) into the clamps (3) and feed it into the edge protection.
- Clip in the rear side trim panel (1) with the clips (2).

Installing the inner door sill cover strip

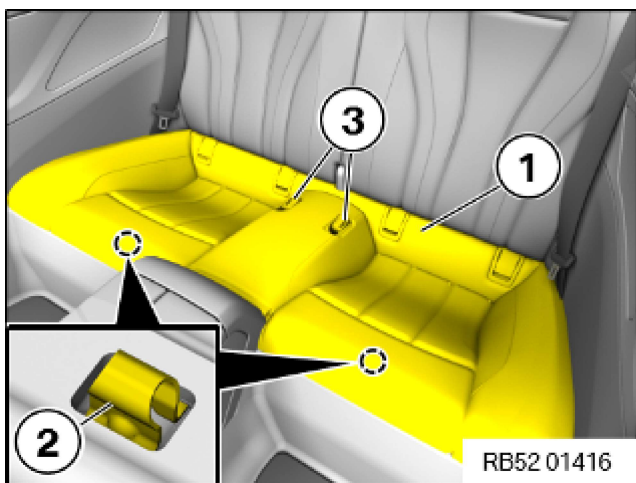


- Remove the clamp (1) from the body and attach it to the inner door sill cover strip (2).
- Check the clips (3) and the clamp (1) for damage and renew if necessary.

- Feed in the inner door sill cover strip (1) in the lug(4) and into the edge protection seal.
- Clip in the door sill cover strip (1) with the clamp (2) and the clips (3).



Install rear seat



- Feed in the seat belt buckles (3), position the rear seat (1) and clip into the clamps (2).



Disconnecting all battery ground leads



- See additional information.

BMW Group - AIR: 2020-01-28 / 09:17

Dealer: -/-

Model: 840i

Development code: G16

Model code: GV23

Lead type: GV23

Replacing left front upper seat belt (after vehicle diagnosis) »



NOTE

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

Preliminary work

Disconnecting all battery ground leads

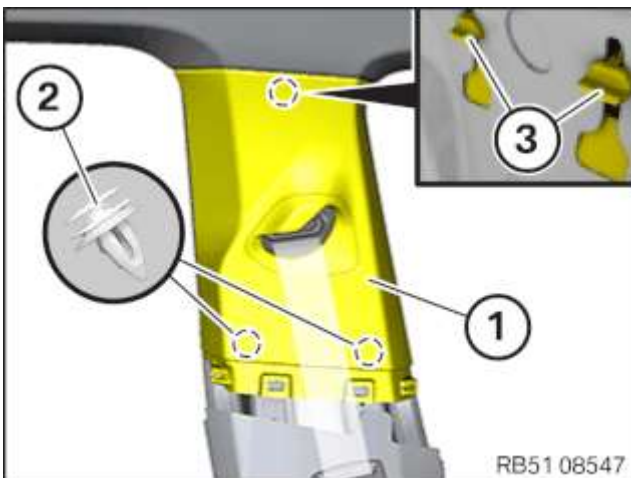
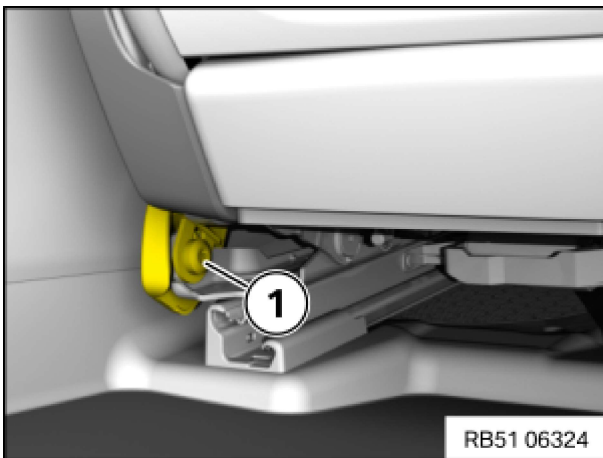
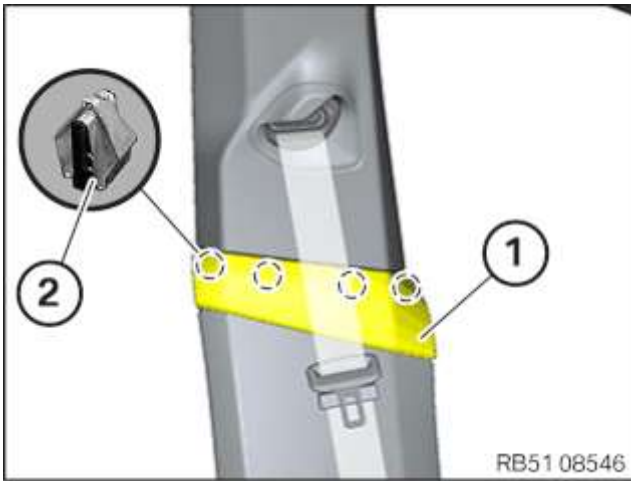


- See additional information.

Remove the B-pillar trim panel upwards

► Remove the center B-pillar trim panel

- Disengage the center B-pillar trim panel (1) from the clamps (2) toward the inside and remove it.



- Adjust the front seat completely to the front and top.
- Loosen screw (1).
- Remove end lining .

- Unclip upper B-pillar trim panel (1) at the clips (2).
- Feed out upper B-pillar trim panel (1) from the guides (3) downwards.
- Feed out upper B-pillar trim panel (1) at the respective edge protection at front and rear.
- Feed upper seat belt out of upper B-pillar trim panel (1).
- Remove the upper B-pillar trim panel (1).

Remove rear entrance cover strip



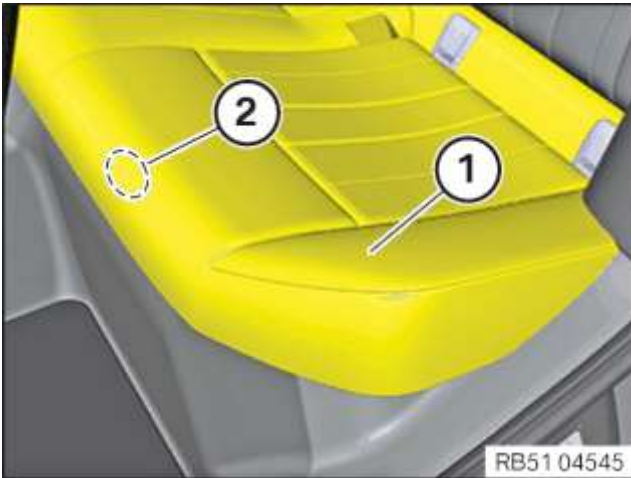
RISK OF DAMAGE

Bending of plastic components.

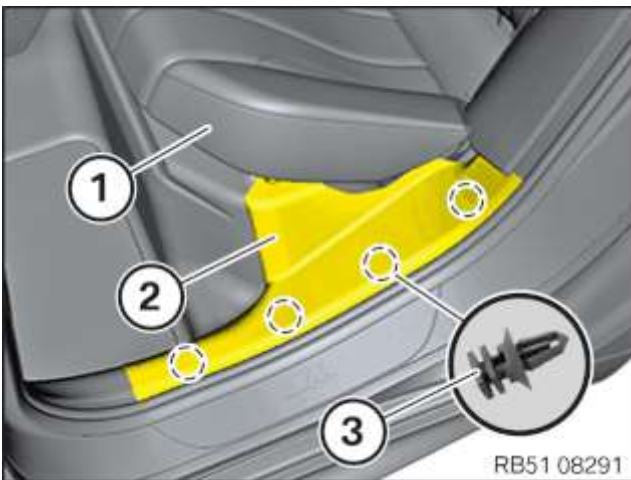
Application of too much force can lead to bending of plastic components.

- Place special tool directly beside the mounting clip.

- Continue unclipping the part without using the tool if possible.

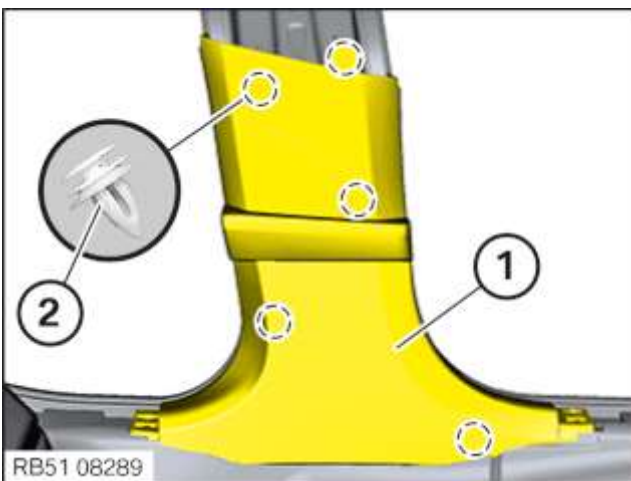


- Release the rear seat (1) in area (2) in upward direction from the detents.



- Raise the rear seat (1) slightly.
- Release the rear door sill cover strip (2) upward from the clips (3) and remove.

Remove the lower B-pillar trim panel

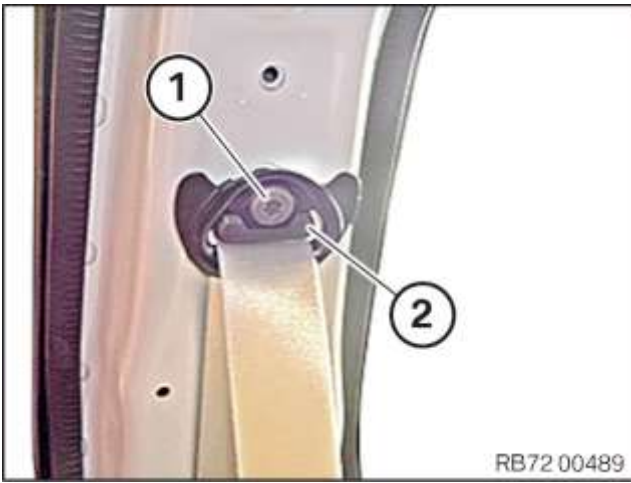


- Detach the B-pillar trim panel (1) from the clips (2) and remove toward the inside.

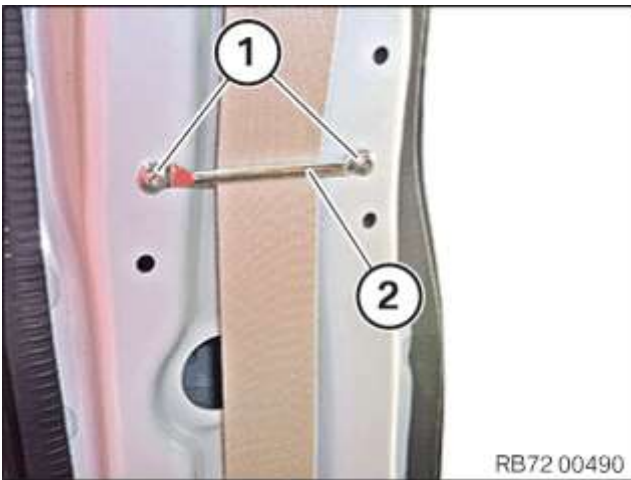
Main Works

Removing left front upper seat belt

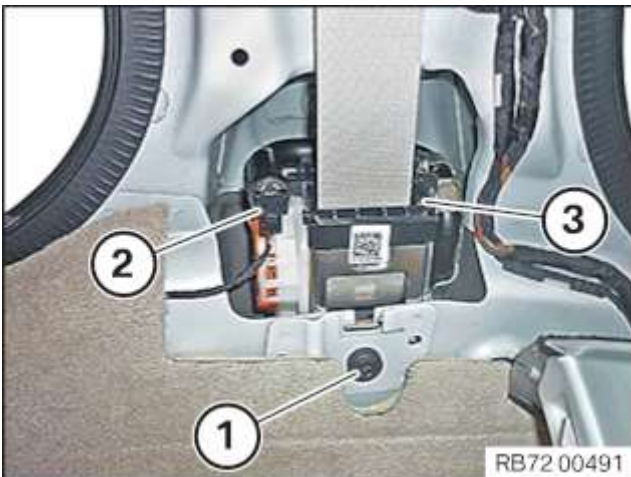
- Loosen screw (1).



- Guide out seat belt guide loop (2).



- Loosen screws (1).
- Remove slide bar (2).



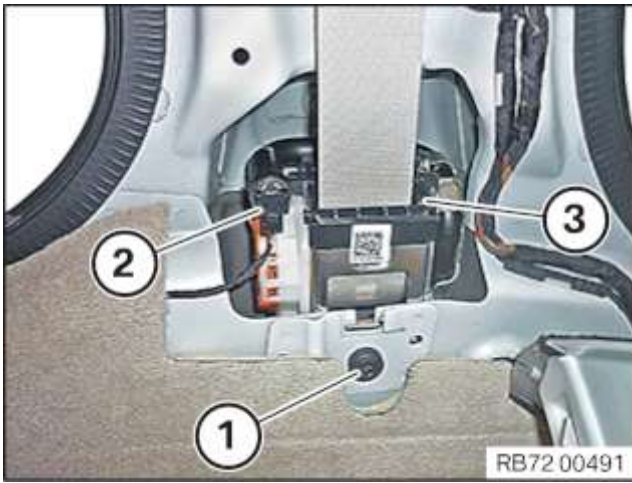
- Loosen screw (1).
- Unlock plug connection (2) and disconnect.
- Thread out the seat belt retractor (3).

Installing the left front upper seat belt

- Guide in and correctly position seatbelt retractor (3).
- Connect connectors (2) and lock.
- Tighten down screw (1).

Tightening torques

Seat belt retractor to body



Screw

tightening torque
42Nm

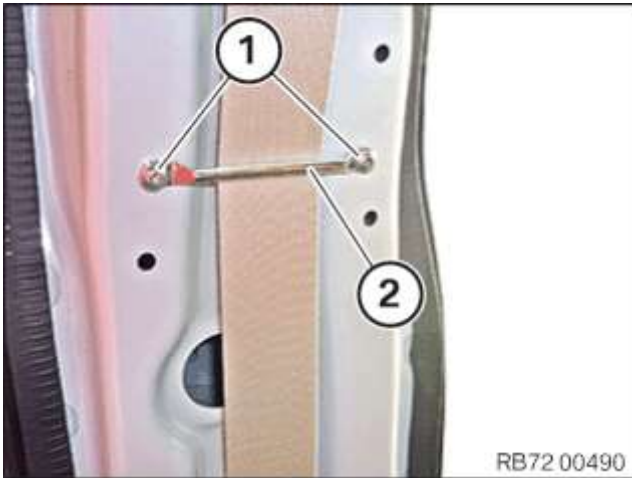
- Correctly position the slide bar (2).
- Tighten the screws (1).

Tightening torques

Slide bar to body B-pillar

Screw

tightening torque
4Nm



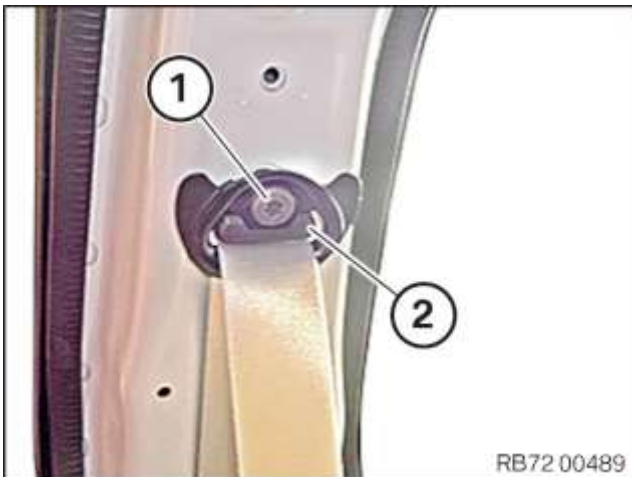
- Feed in the seat belt guide loop (2) and position it correctly.
- Tighten down screw (1).

Tightening torques

Seat belt guide loop on body

Screw

tightening torque
42Nm

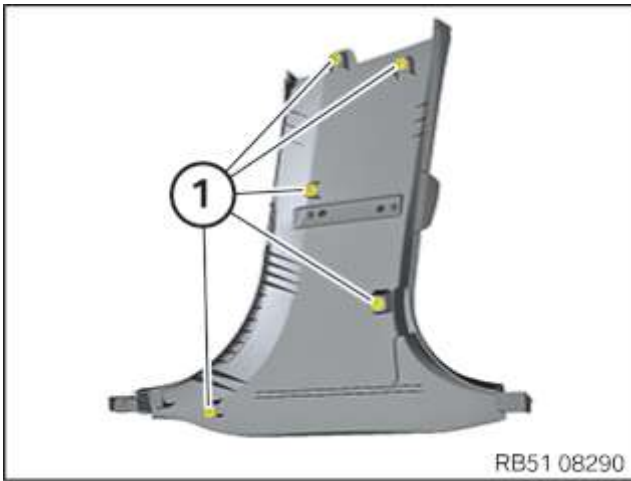


Follow-up works

Install the lower B-pillar trim panel

Check

- Check the clips (1).

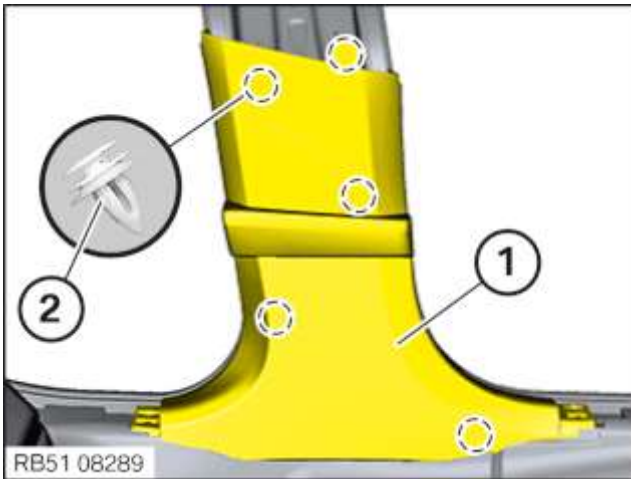


Result

» Clips (1) are damaged or missing.

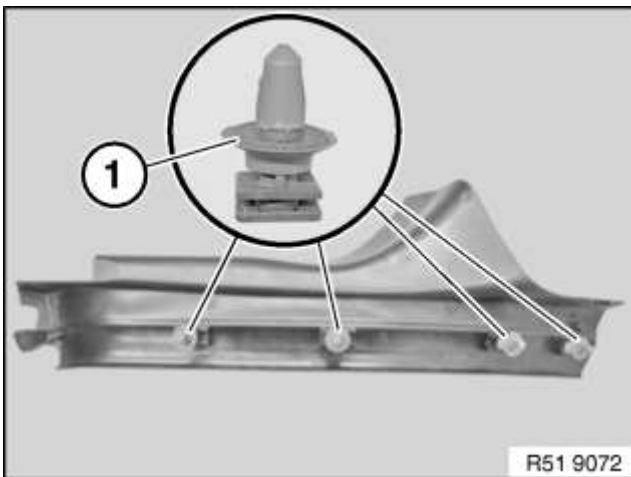
Measure

- Renew broken or missing clips (1).



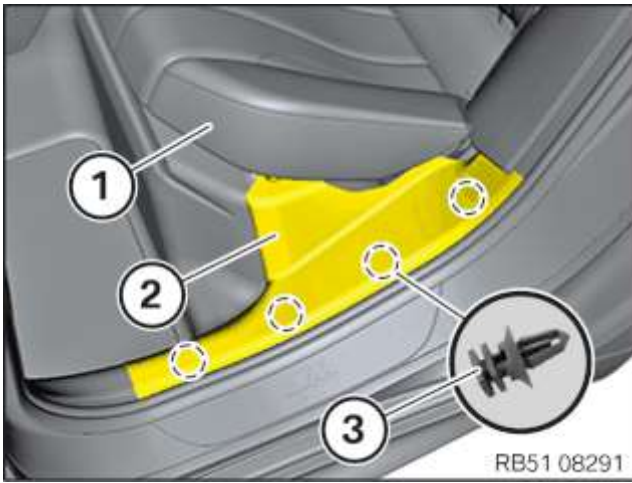
- Guide in the B-pillar trim panel (1).
- Engage the B-pillar trim panel (1) at the clips (2).
- Check the B-pillar trim panel (1) for correct fit in relation to the front and rear edge protection.

Install the rear door sill cover strip

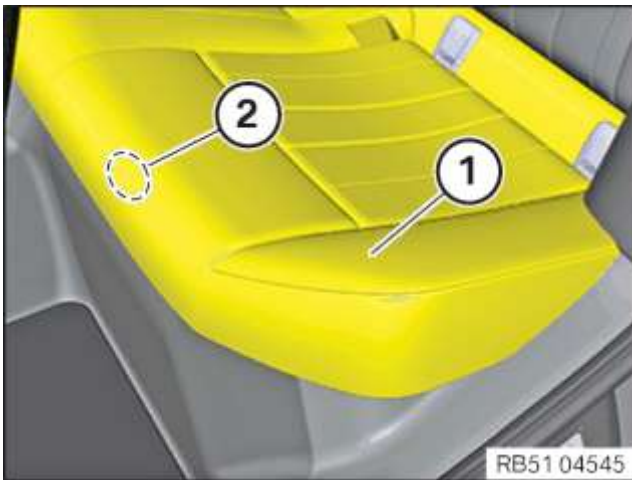


- Remove the clips (1) remaining in the body and mount them at the door sill cover strip.

- Raise the rear seat (1) slightly.
- Position the rear door sill cover strip (2) on the body and engage it with the clips (3).

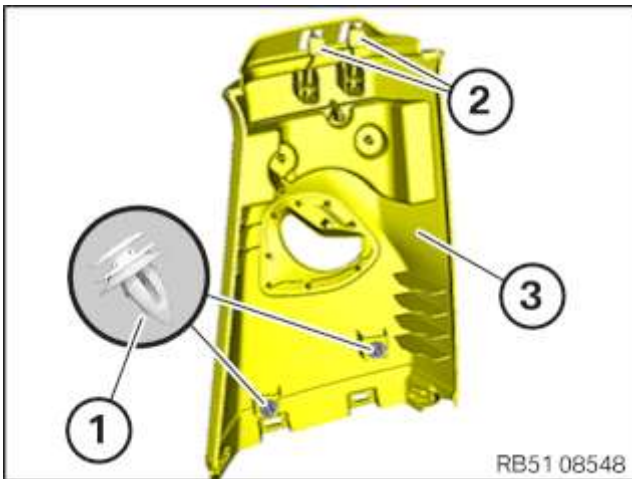


- Position the edge protection above the rear door sill cover strip (2).



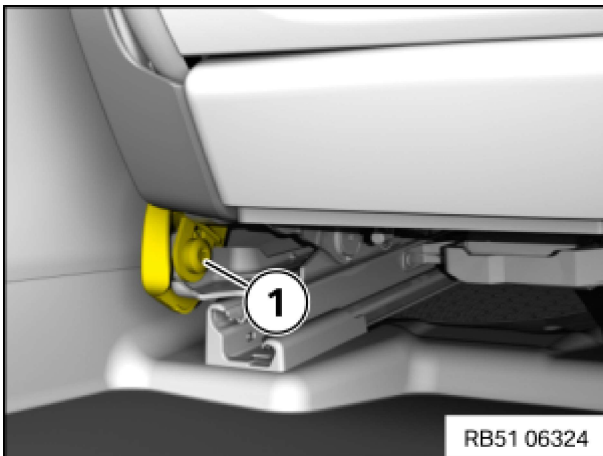
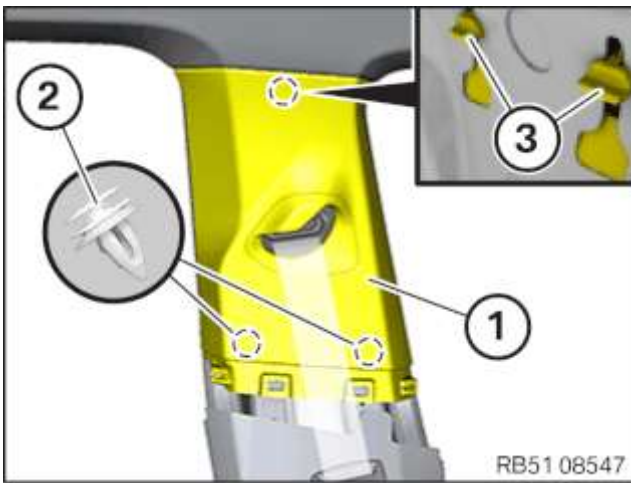
- Engage the rear seat (1) downward in the area (2).

Installing the upper B-pillar trim panel



- Check the clips (1) for damage and renew where required.
Renew broken or missing clips (1).
- Check guides (2) for damage.
In case of malfunctioning or missing guides (2), renew the top B-pillar trim panel (3).

- Feed upper seat belt into top B-pillar trim panel (1).
- Feed top B-pillar trim panel (1) into guides (3).
- Feed in the top B-pillar trim panel (1) at the lip of edge protection at the front and rear.
- Clip the top B-pillar trim panel (1) into the clips (2).



- Adjust the front seat completely to the front and top.
- Insert the end fitting .
- Renew the screw (1).

Parts: Screw

- Tighten down screw (1).

Tightening torques

Seat belt strap fitting to seat mechanism

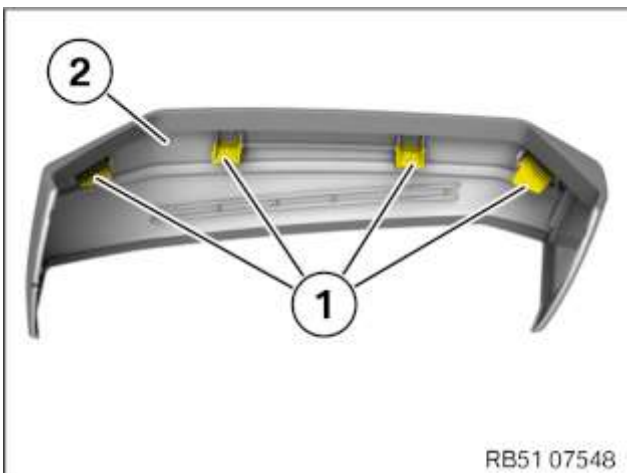
Flat-head screw M10
Renew screw.

Tightening torque
42Nm

► Install the center B-pillar trim panel

Check

- Check snap-in lugs and guides (1) for damage.



Result

- » Snap-in lugs (1) are damaged.

Measure

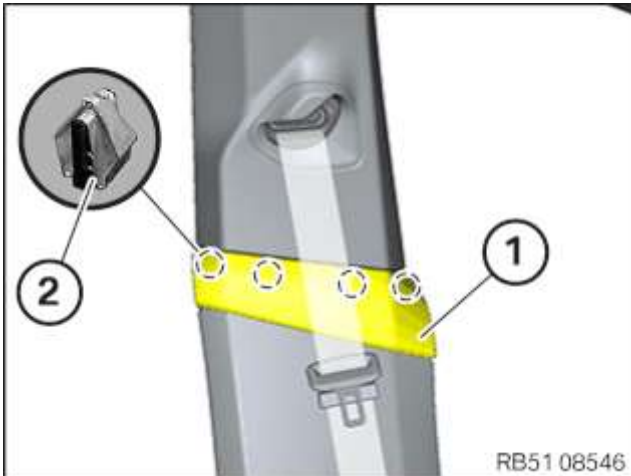
- Replace center B-pillar trim (2).

Result

- » Clamps are damaged.

Measure

- Replace clamps.



- Correctly position the center B-pillar trim panel (1) and engage it in the clamps (2).



Disconnecting all battery ground leads



- See additional information.