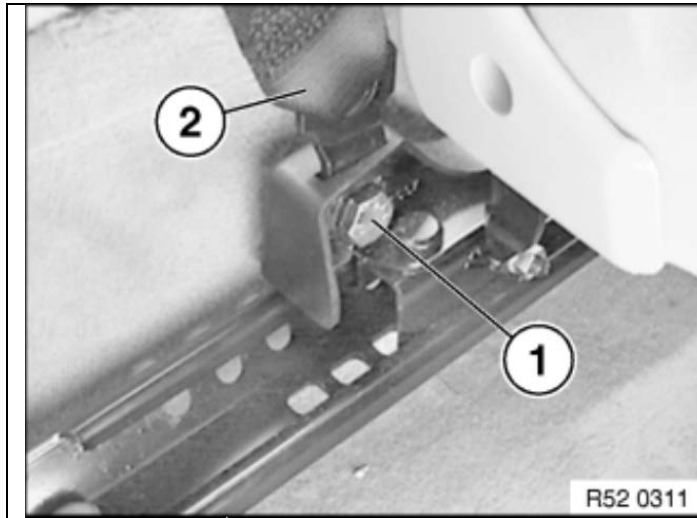


OC3 Seat Mat Replacement for Passenger Seat

Preliminary work

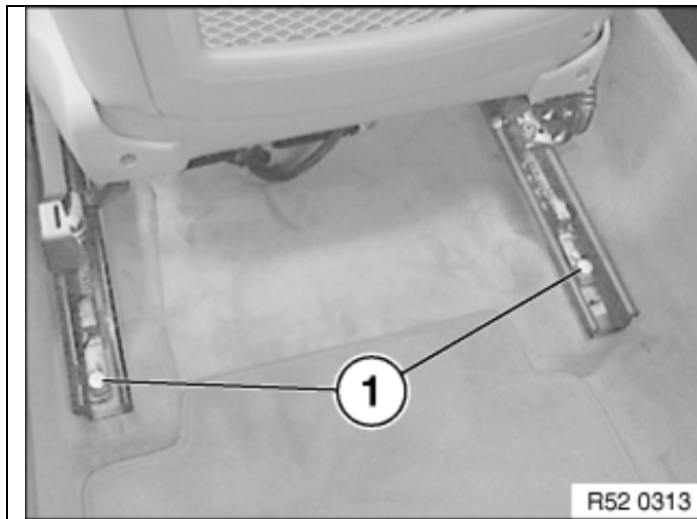
Remove the passenger seat:



- Move the front seat forwards/upwards as far as possible.
- Switch off the ignition!
- Release the seatbelt screw (1) and feed out the seatbelt strap (2).

Installation:

Tightening torque: 45 Nm.

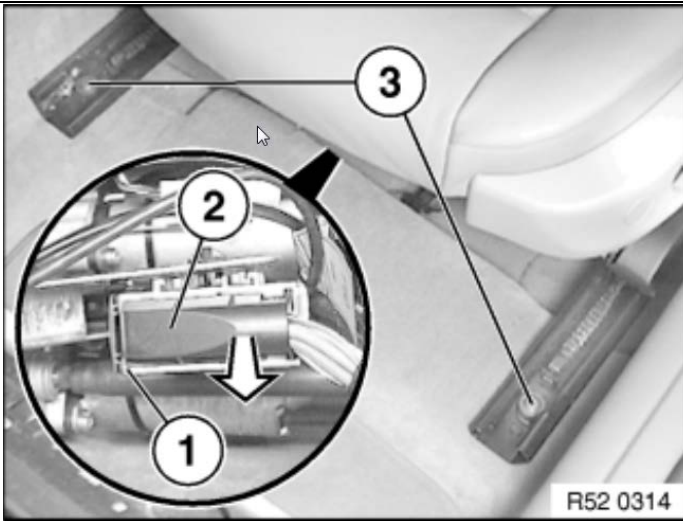


- Move the front seat forwards/upwards as far as possible.
- Release the screws (1).

Installation:

Tightening torque: **45 Nm**

+ Torque angle: 90 °



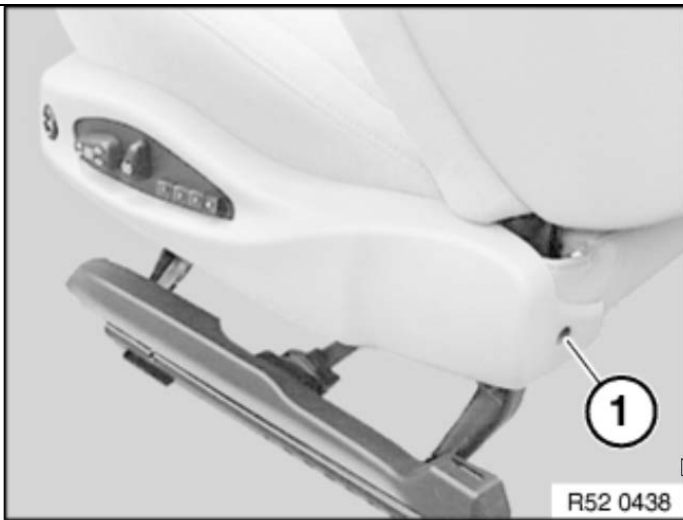
- Move the front seat backwards/downwards as far as possible.
- If necessary, unclip the protective caps upwards.
- Unfasten the screws (3).
- Move the seat runners forward so that they are flush.
- Unlock the lock (1) and disconnect the plug connection (2).
- Caution!
- Cover the door sill with protective covers (risk of damage).
- Lift out the front seat.

Installation:

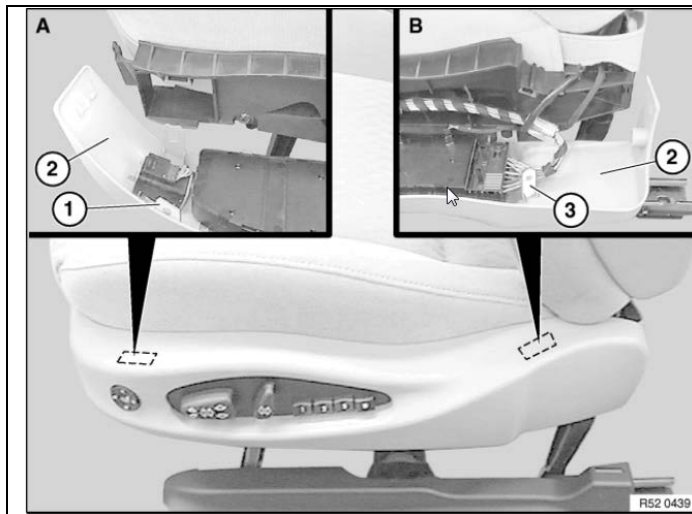
Tightening torque: **45 Nm**

+ Torque angle: 90 °

Removing and installing/replacing the outer cover on the front left or right seat:



- Unscrew the bolt (1).

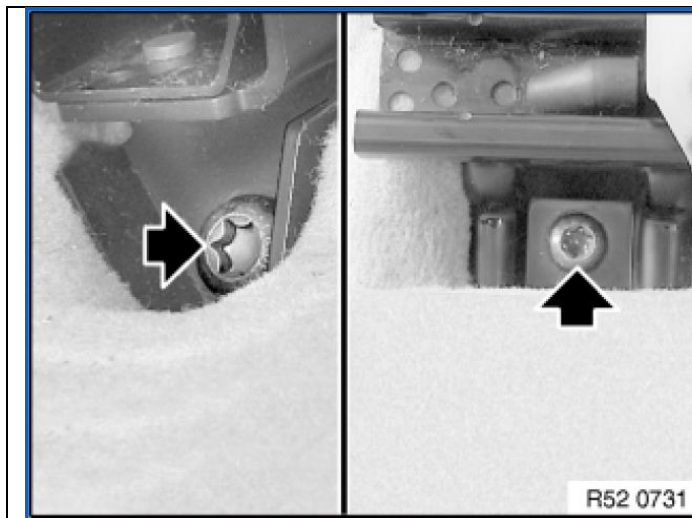


Picture A:

- Snap out the catch (1) on the front cover (2) towards the bottom and pull the cover (2) outwards a little.

Picture B:

- Snap out the catch (3) on the rear cover (2) towards the front/bottom and pull the cover (2) outwards a little.



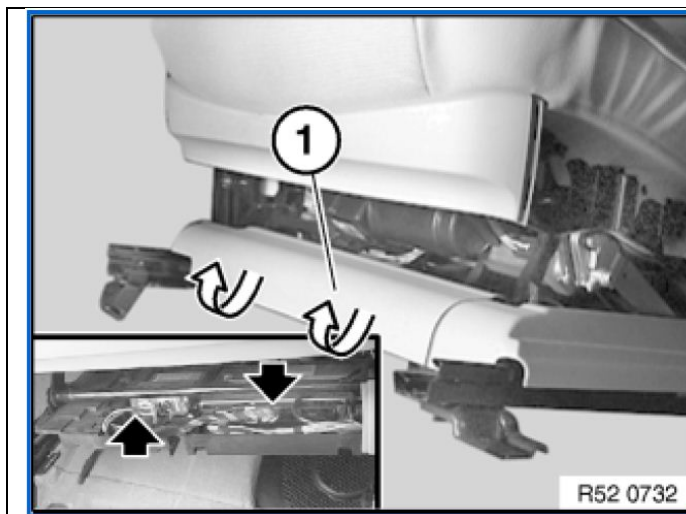
- Release the front screws on the left and right seat rails.

Installation:

Replace the bolts.

Tightening torques: **44 Nm**

The floor carpet must not project between the seat rail and floor board in the area of the screw-down points (grinding noises).



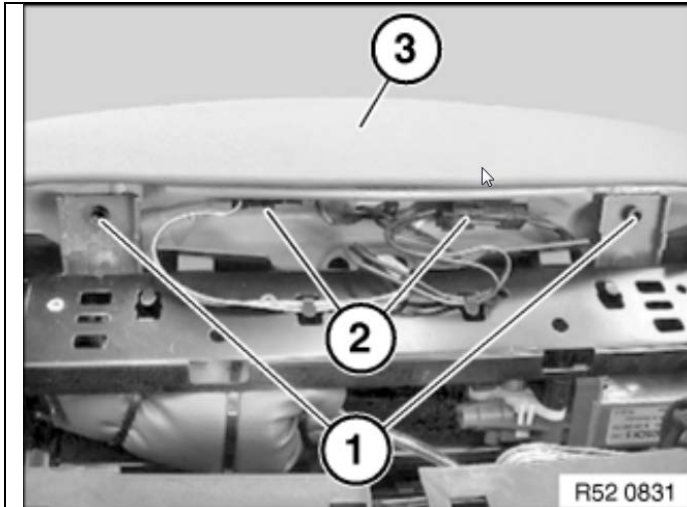
- Carefully tip the seat towards the rear.
- Unclip the cover (1) towards the front.
- Disconnect the plug connections (yellow and black) on the seat modules.

Important!

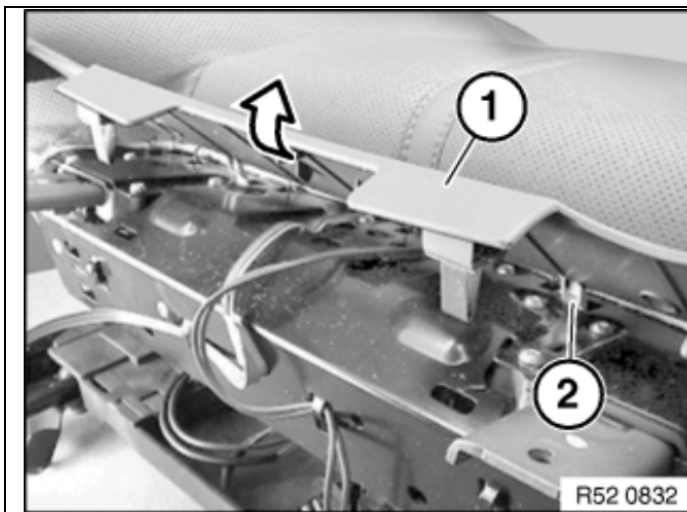
Remove the door sill with the protective covers (damage to the vehicle).

Lift out the front seat.

Removing and installing/replacing the left or right thigh support:



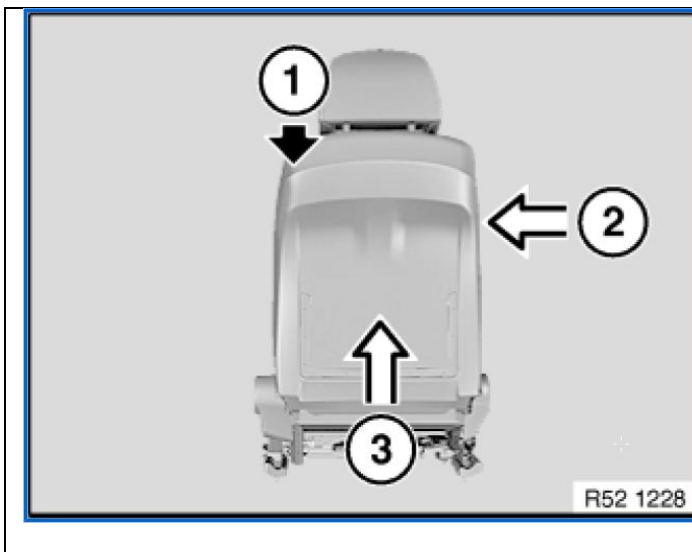
Loosen the screws (1).
Disconnect the plug connections (2).
Remove the thigh support (3) towards the top.



If necessary, unclip the trim (1) towards the top and remove.

Installation:
Secure the guide pins (2) in the seat frame and clip the trim (1) into place.

Removing and installing/replacing the rear panel on the left or right front seat backrest:



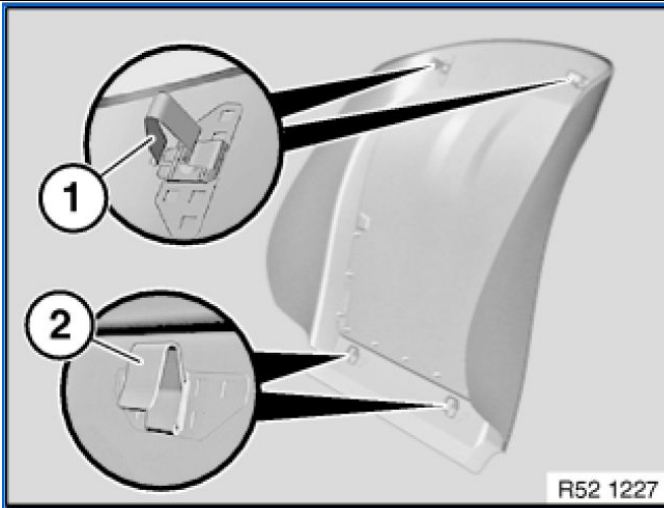
Operation is shown on the left seat.

When removing from the right seat, transpose the pull and striking sides accordingly.

1. Grip between the rear panel and backrest cover on the door side until the clip can be felt (do not pull).
2. At same time, firmly punch towards the middle of the seat on the inner side (tunnel side) at the top.

The upper retainers spring out of the seat guide.

3. Pull the rear panel up out of the lower guides.

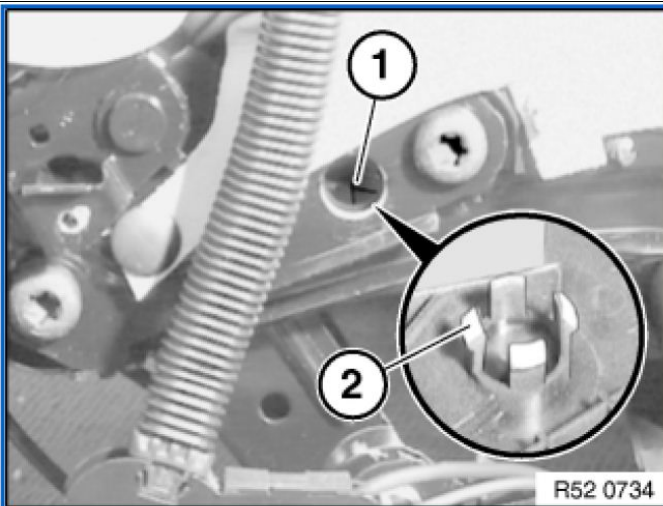

Installation:

The rear panel and clips must not be damaged.

- (1) Upper clips
- (2) Lower clips

Removing and installing/replacing the outer cover on the right front seat:

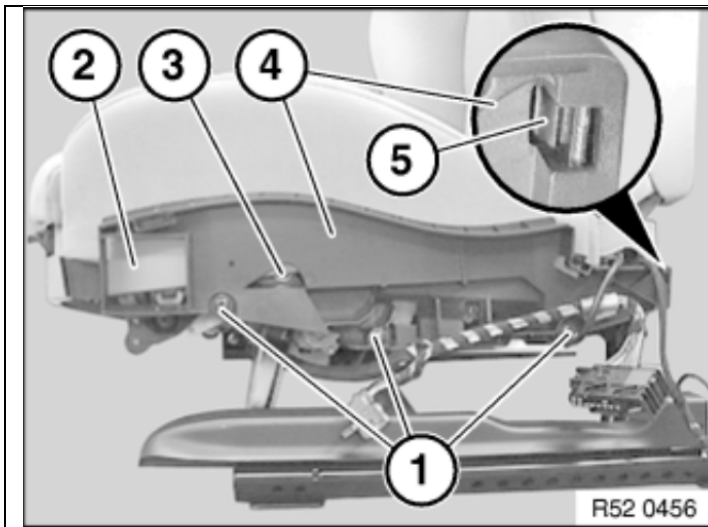

- Unscrew the bolt (1).


Installation:

The cover is secured by the guide (2) in the hole (1).

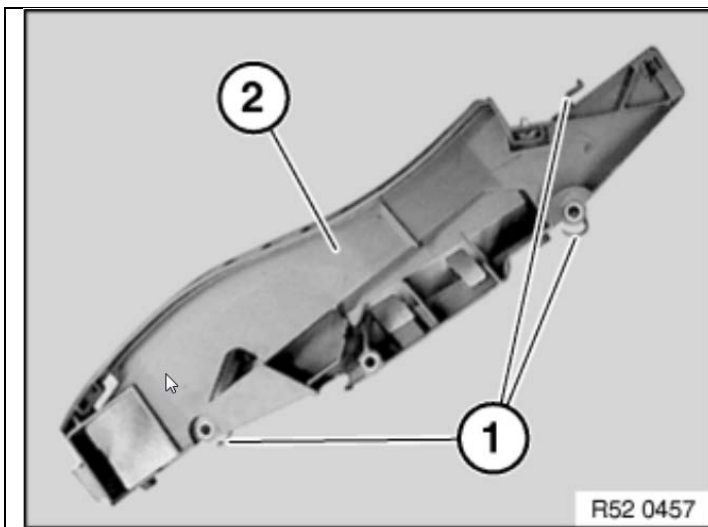
Main Work

The OC3 mat can only be removed in conjunction with the padding from the seat cover. If the OC3 mat or padding is defective, both parts may only be replaced together.



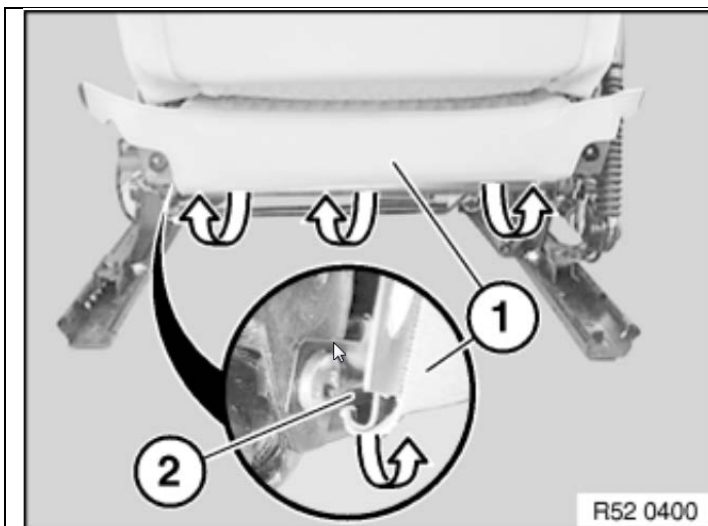
Seat with electric actuating unit only:

- Release the screws (1).
- Pull the trim (2) out a little and release the screw (3).
- Release the clip (5) from the carrier (4).
- Remove the trim (2) and carrier (4).

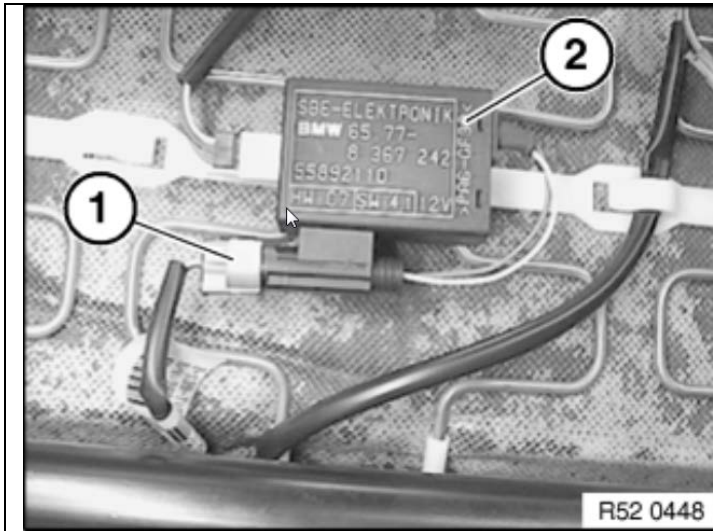


Installation:

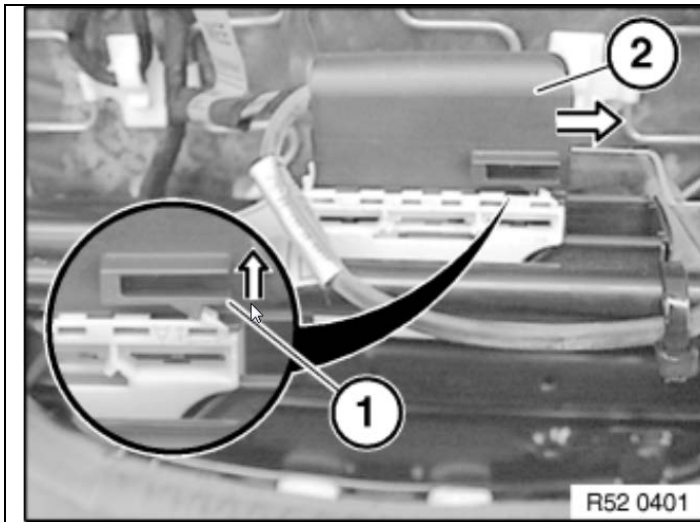
Cable holders (1) on the carrier (2) must not be damaged.



- Detach the seat cover (1) from the seat frame (2).

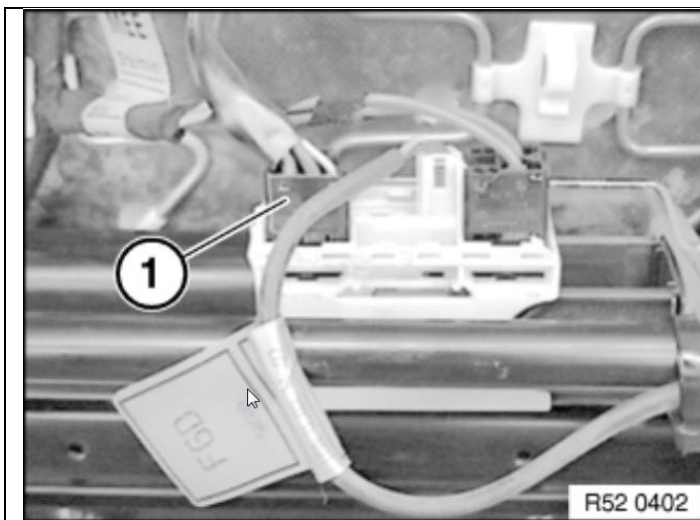


- Disconnect the plug connection (1) from the control unit (2).

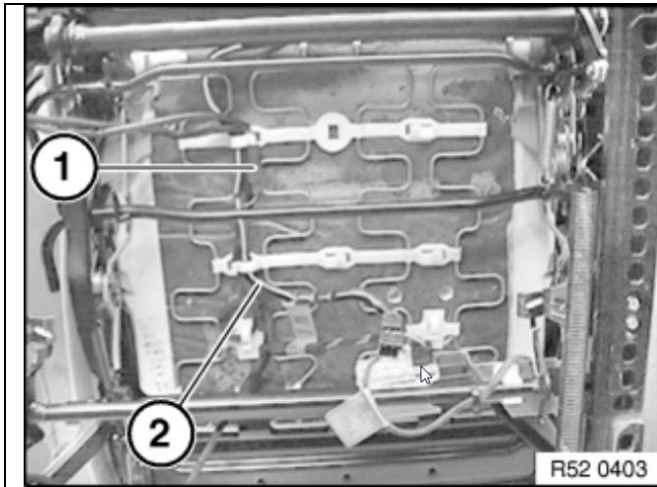


Seat with heating:

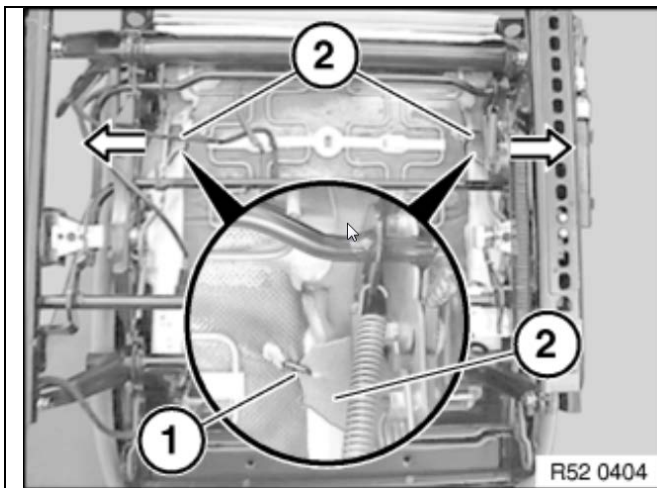
- If necessary, lever the catch (1) towards the top and detach the cover (2).



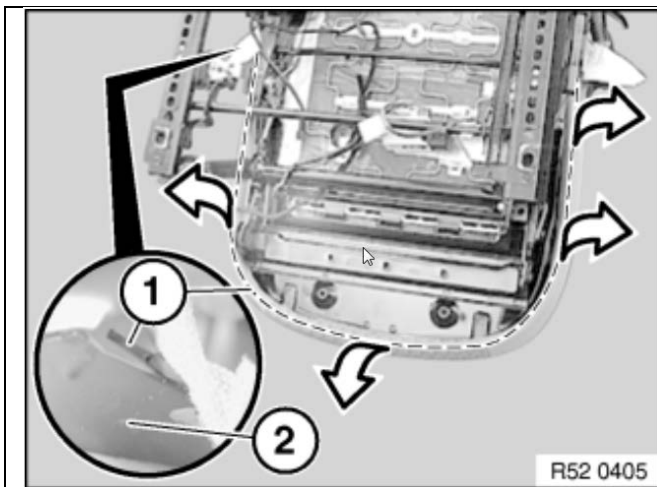
- Disconnect the plug connection (1) from the seat heating.



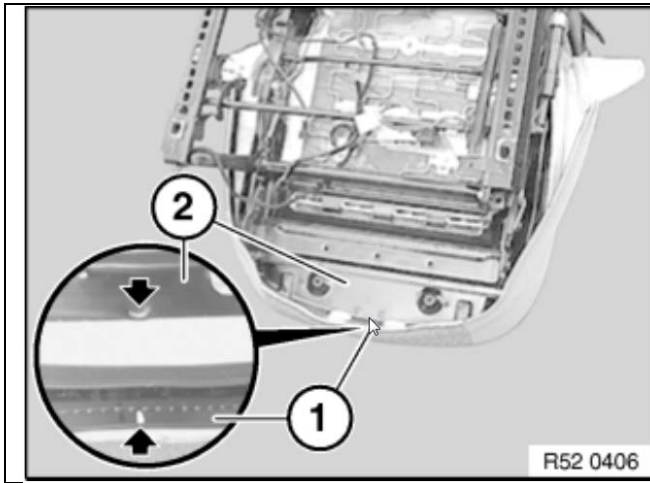
- Disconnect the plug connection (1) from the seat heating.
- Expose the cable (2).



- Release the retainers (1) on the left/right.
- Pull out the cover tabs (2) on the left/right.

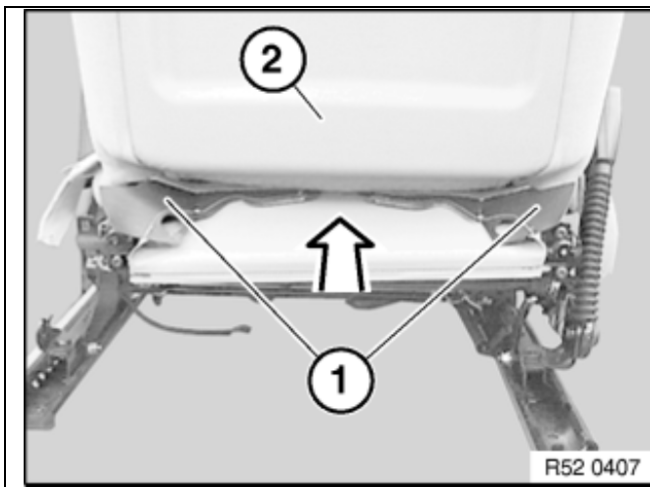


- Pull out the cover welt (1) completely from the seat frame (2).

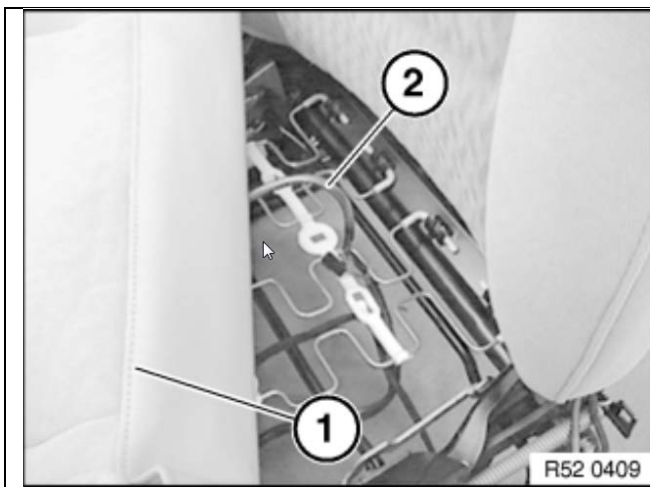


Installation:

- Begin assembly in the middle.
- The cover piping (1) and seat frame (2) have markings for the middle position.

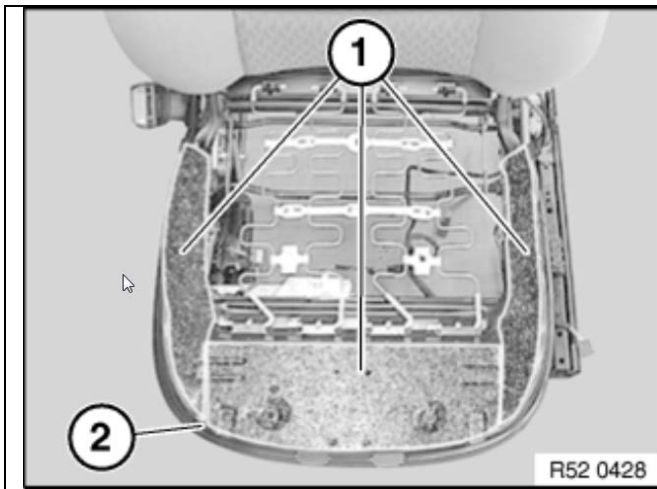


- Fold in the tongues (1) on the seat cover and push through under the backrest (2) towards the front.



Seat with heater:

- Pull the seat cover (1) forward a little and feed the cable (2) out.
- Remove the seat cover (1) towards the front/top.

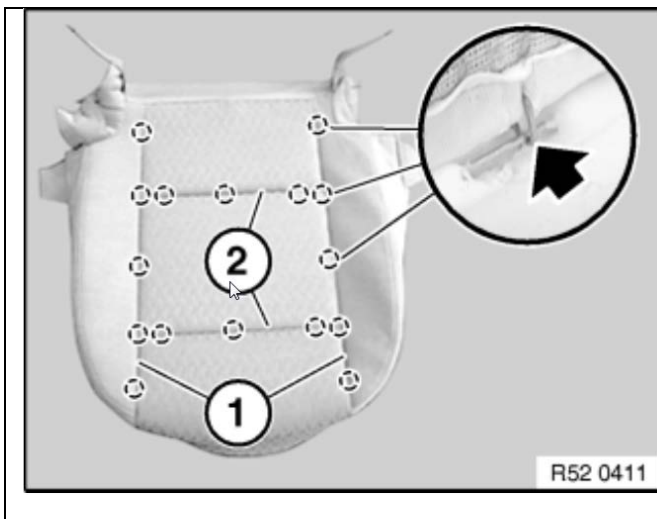


Installation:

- The padding is coated with wax to prevent grinding noises.
- Do not remove the wax (1) on the seat pan (2).

Note:

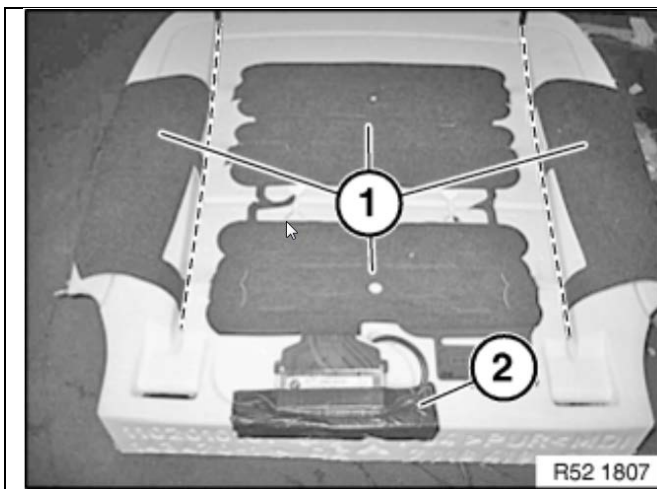
- The "Removing complete seat cushion" operation ends here.



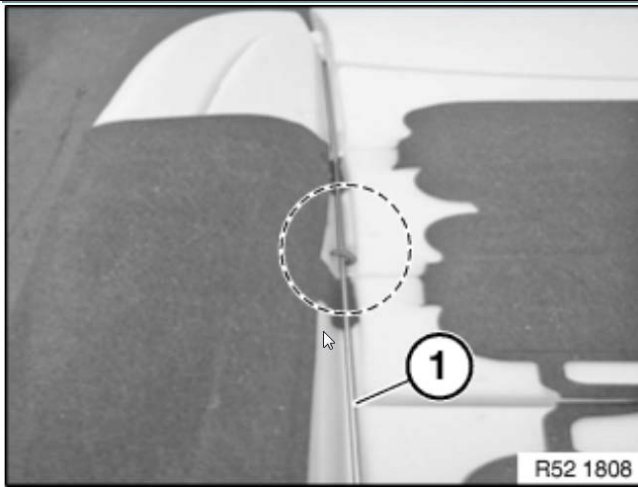
- Detach all retainers in the side area from the longitudinal wires (1).
- Pull the trim wires (1) forward out of the seat cover.
- Carefully fold back the seat cover and release the retainers from the cross-wires (2).
- Remove the seat cover from the padding.

Important!

- Remove all remnants of the clips from the seat cover and padding.



- The OC3 mat (1) is secured on the left and right sides in the marked area with a longitudinal trim wire for transportation.
- Carefully remove the adhesive tape (2).

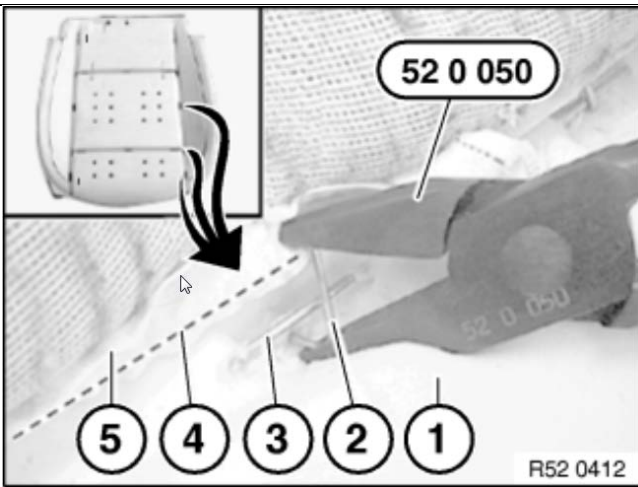


Removing the transportation lock:

- Carefully release the retainers in the marked area on the left and right from the longitudinal trim wires (1).

Important!

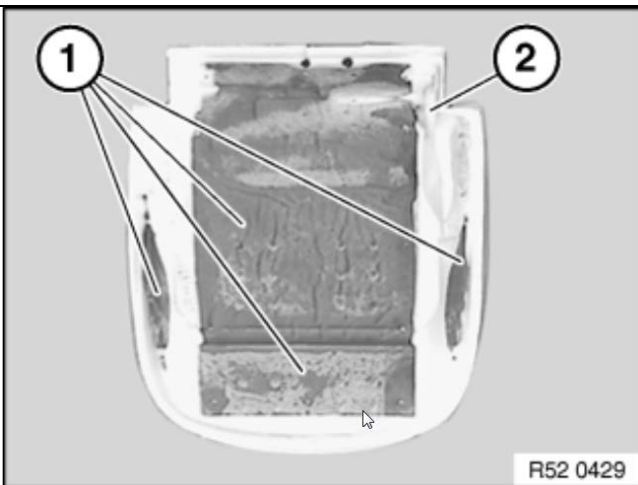
- Remove all remainders of the retainers from the padding and OC3 mat.



Installation:

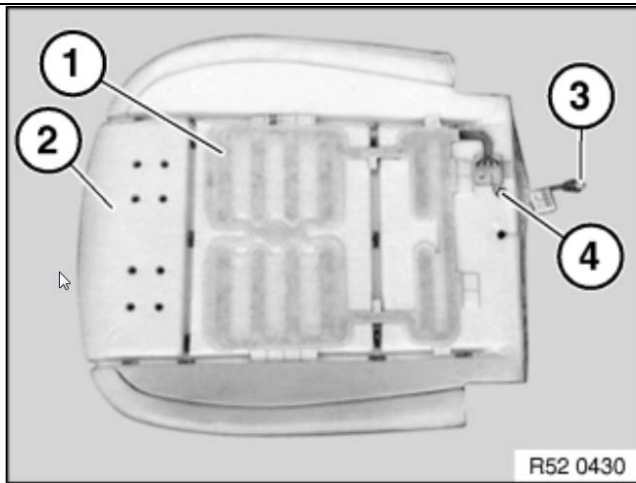
Bend the new clips (2) with special tool [52 0 050](#).

1. Padding
2. Retainer
3. Trim wire in padding
4. Trim wire in cover
5. Seat cover



Installation:

- The padding is coated with wax to prevent grinding noises.
- Do not remove the wax (1) on the padding (2).



Installation:

- In order to guarantee the function and fastening (adhesive strength) at the sticking surfaces of the sensor mat (1), the foam must not show any traces of damage!
- Replace the foam if it is hardened or damaged, particularly in the area of the sticking surfaces.
- Fit the new sensor mat (1) for the passenger seat occupancy detector.
- Align the new sensor mat (1) on the foam (2).
- Feed the plug (3) through the bore hole (4).

Concluding work

Reassemble the new OC3 seat mat with the seat cover. Reinstall the seat in the vehicle and connect the cable to the vehicle.

Four Powerlok screws must be replaced and not reused; tightening torque: **45 Nm**.

The tightening torque for the screw for seat mounting is: **45 Nm + Torque angle: 90 °**

The floor carpet must not project between the seat rail and floor board in the area of the screw-down points (grinding noises).

Enable the new seat mat with ISTA:

- Connect the BMW diagnosis system.
- Release the seat occupancy detector.
- Clear the fault memory if necessary.