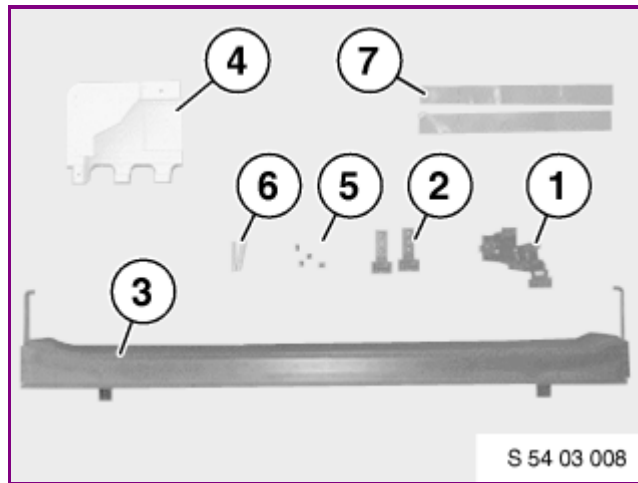


Enclosure 3 to SI 54 03 03 (023)**Repair instructions (replacing sunroof visor and driver)***Parts required:*

- Modified sunroof visor including slide elements, right
- Repair kit containing:
 1. Driver
 2. Slide element, left 2x (new version)
 3. Water channel (model-dependent), 1x
 4. Frame end piece, 1x
 5. Securing screws for sliding member, 4x
 6. Rivets for frame end piece, 2x
 7. Double-sided adhesive tape, 2x

Preliminary work needed:

- Remove complete glass sliding/tilting sunroof (frame)

*Procedure:***Step 1**



Carefully unclip left and right water channel bracket from the mechanism.



Step 2

Guide the water channel slide element out of the right-hand guide rail through the opening provided for this purpose.

Remove left slide element together with the water channel from the guide rail.

Detach water channel by pulling in upward direction.

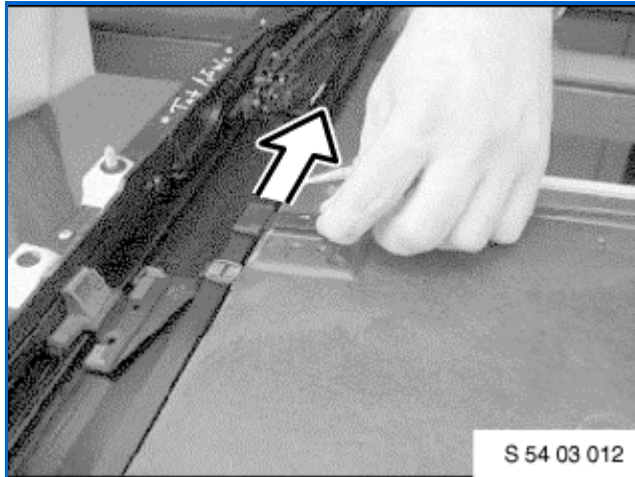


Step 3

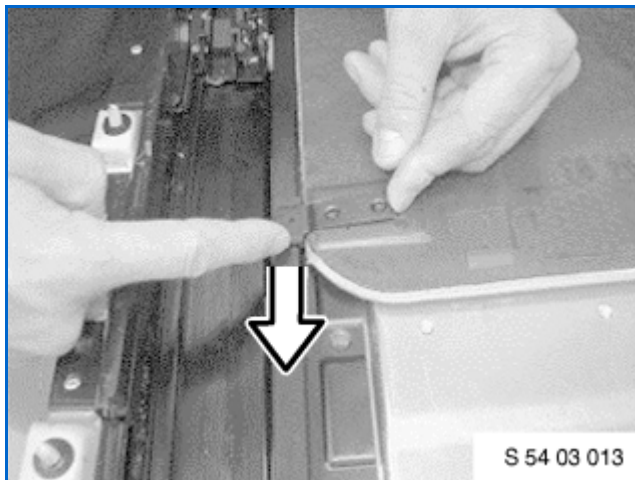
Loosen the front left and rear left slide elements.

Step 4

Push slide element on front left



forward along the guide rail and remove.



Push slide element on rear left back along the guide rail and remove.



Step 5

Remove the sunroof sliding screen.

Step 6

Remove rear left frame seal.



Note:

Adhesive tape may leave residue on frame.



Step 7

Remove frame seal.

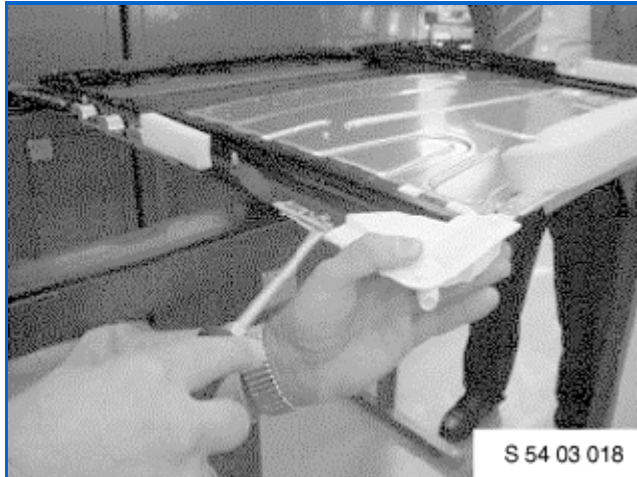
Important:

The frame seal must be pulled off such that both securing rivets for the end section of the frame are freely accessible.



Step 8

Drill out both rivets (rivet head) in the end section of the frame.



Step 9

Insert a large screwdriver between the guide rail and end section of the frame and loosen adhesive joint of the end section.

Detach end section of frame from end of guide rail.

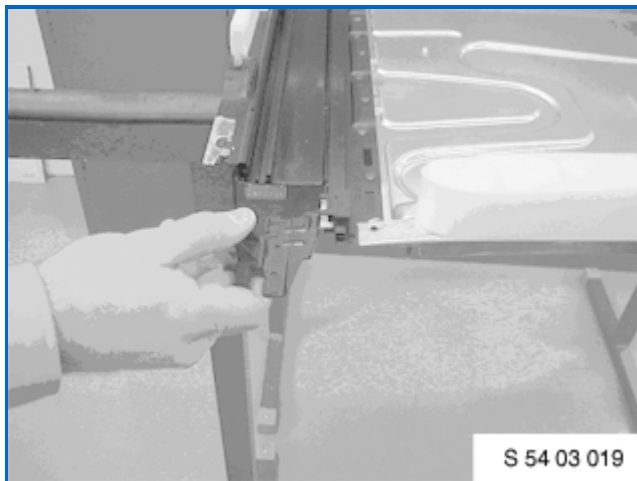
Important:

Do not push with the screwdriver but rather work forward only by means of the lever action.



Step 10

Remove adhesive residue from the guide rail.



Step 11

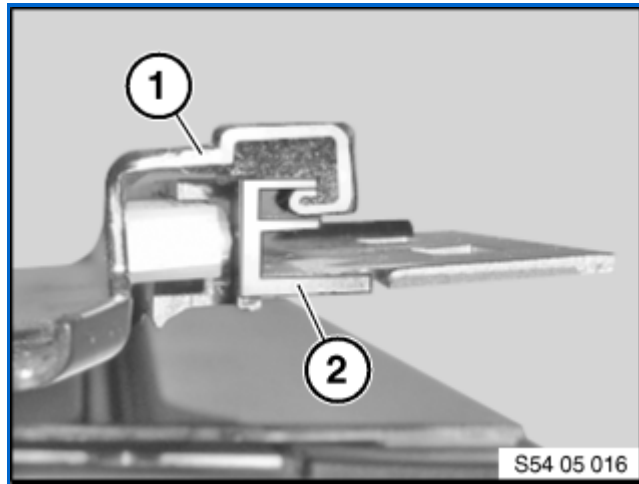
Important:

The new driver must not be tilted when installing otherwise it may be damaged.

Push out old driver and insert new driver.

Note:

In contrast to the removed



driver, the new driver (1) encloses guide rail (2) and must be installed from the end of the guide rail (2).

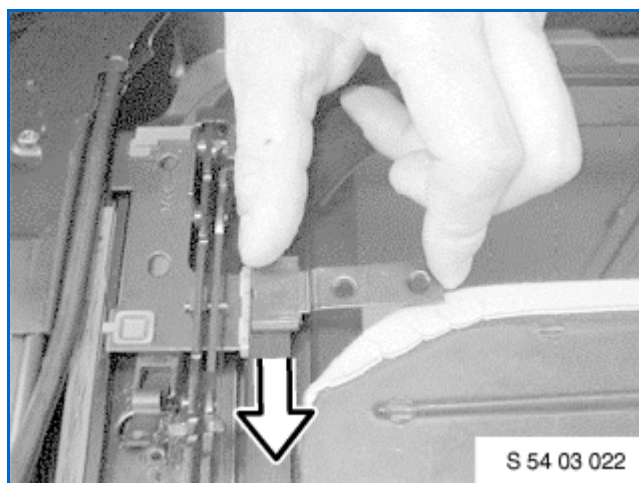
Step 12

Fit the modified sunroof visor with the preassembled front right and rear right slide elements into the **upper** channel of the guide rail.

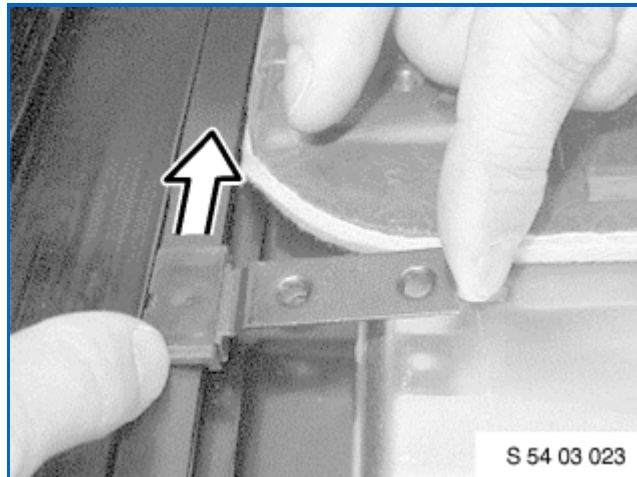


Step 13

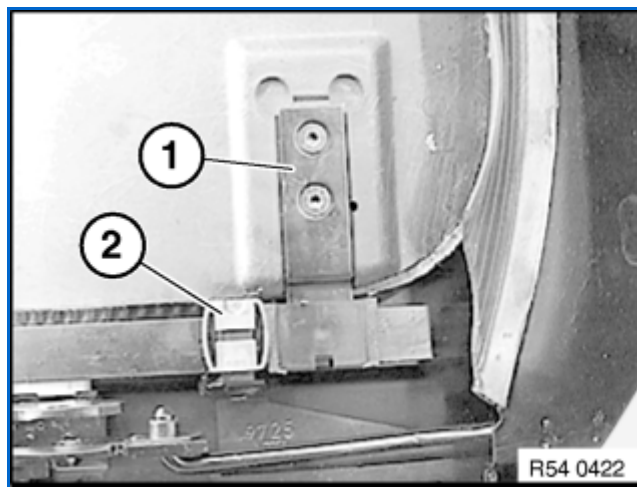
Working from the front, fit front left slide element on the guide rail.



Working from the rear, fit rear left slide element on the guide



rail.



Important:

The rear left slide element (1) must be fitted behind the driver (2).

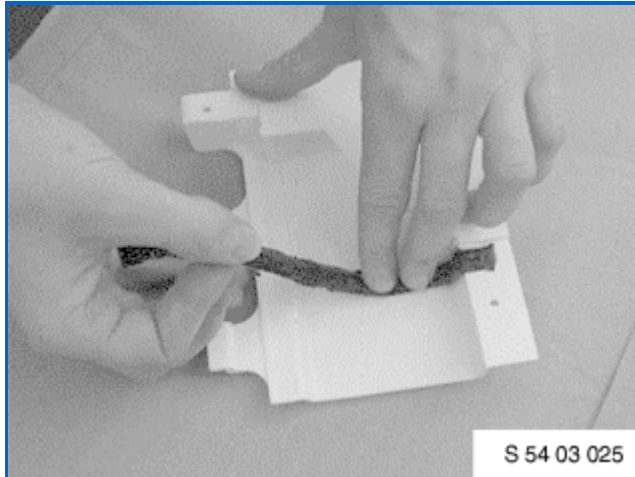


Secure front and rear left slide elements with countersunk screws provided.

Tightening torque: 1.0 Nm

Step 14

Insert butyl tape (BMW part



number 51 41 4 282 813) into the designated recess in the new end section of the frame.

Length of butyl tape approx. 20 cm.



Step 15

Place new end section of frame at end of guide rail and fold up.

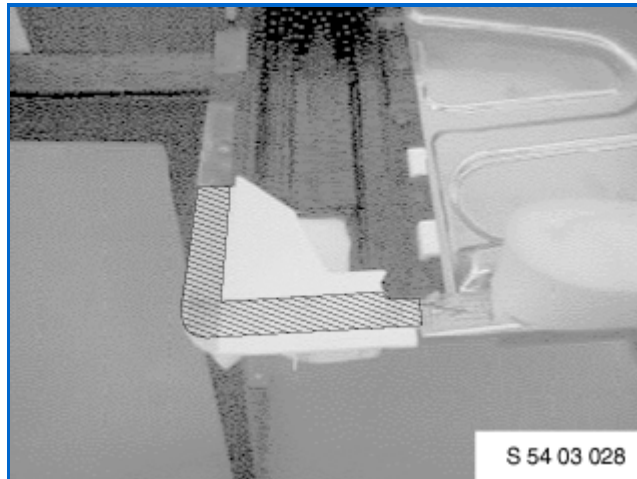
Secure with light upward pressure.



Step 16

Secure new frame end section with two rivets in the existing holes.

Step 17



Affix double-sided adhesive tape to the frame end section (see hatched area).



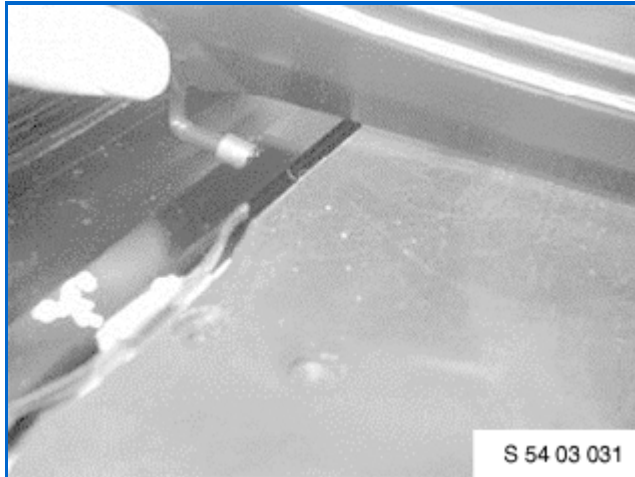
Re-bond the frame seal.



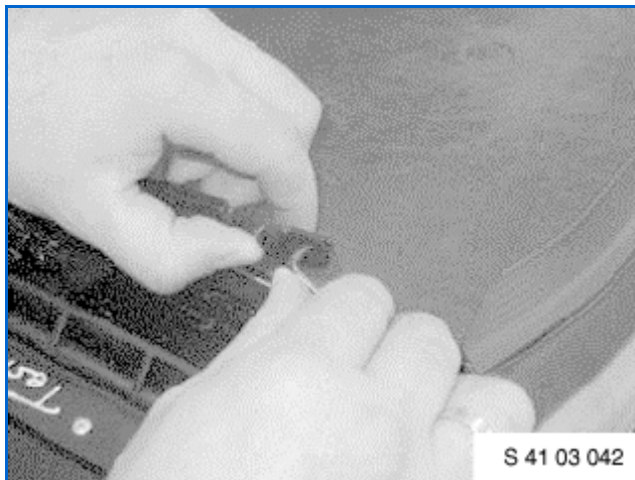
Step 18

Fit new water channel with slide element on left-hand side on the guide rail.

Insert the water channel slide on the right-hand side in the opening in the guide rail



provided for this purpose.



Step 19

Clip left and right water channel brackets in the mechanism.

Reassemble the vehicle.