



This Service Information bulletin supersedes SI B54 13 09 **dated May 2013**.

NEW designates changes to this revision

SUBJECT

Panoramic Sunroof Repair Instructions

MODEL

E53, E70

E83

E61

E91

INFORMATION

Sunroof Repair Instructions:

The panoramic sunroof contains several “mechanism sets” which can be repaired and/or replaced independently in the event of a mechanical failure. When performing such a repair to any of these sets, the TIS/ISTA Repair Instructions (REP) should always be consulted. Due to the complex nature of these repairs, a set of complementary instructions with additional detail, explanation, and photos has been developed. The attached Repair Instructions should always be used in conjunction with the TIS/ISTA REP.

Refer to the following repair attachments:

Front Glass Mechanism repair E53, E61, E70, E83, E91.pdf

Rear Glass Mechanism repair E53, E61, E70, E83, E91.pdf

Wind Deflector Mechanism repair E53, E61, E70, E83, E91.pdf

Sunshade Mechanism repair E53, E61, E83.pdf

Sunshade Mechanism repair E70, E91.pdf

NEW Sunroof Numbers

All panoramic roofs for the above-listed models are conceptually similar and utilize similar repairs. NOTE: An E83 (X3) sunroof cassette is used for demonstration of the repairs. Some differences may exist between this and other models.

The following prerequisite work is required in order to replace the following kits (in addition to removing the cassette from the car and glass from the cassette):

Front Glass Mechanism – None

Rear Glass Mechanism – Remove the front glass mechanism.

Wind Deflector Mechanism – Remove the front glass mechanism; remove the rear glass mechanism.

Sun shades and Shade Mechanism – None

Sunroof Mechanical 3D Animation:

A 3D animation has been developed in order to clarify how the sunroof mechanism operates, as well as how it is assembled and disassembled.

To view this animation, open Interactive Career Pathways (ICP) and select “**Replace Front and Rear Glass Panel Mechanic**” from the Technical Service Information section of the home page.

This animation allows you to:

- Operate the mechanism and view from any angle;
- Add or remove parts and then cycle the sunroof;
- See how mating parts fit together; and
- Watch the moving parts as they are removed in order.

WARRANTY INFORMATION

Not applicable.

ATTACHMENTS

View PDF attachment [**B541309 Front Glass Mechanism Repair E53,E61,E70,E83,E91.**](#)

View PDF attachment [**B541309 Rear Glass Mechanism Repair E53,E61,E70,E83,E91.**](#)

View PDF attachment [**B541309 Wind Deflector Repair E53,E61,E70,E83,E91.**](#)

View PDF attachment [**B541309 Sunshade Mechanism Repair E53,E61,E83.**](#)

View PDF attachment [**B541309 Sunshade Mechanism Repair E70,E91.**](#)

View PDF attachment [**B541309 Sunroof Numbers.**](#)

[Copyright ©2013 BMW of North America, Inc.]