



SUBJECT

Rattle from Panoramic Roof when Fully Open

MODEL

E83 (X3)

SITUATION

While driving with the panoramic roof fully open, a rattling noise can occasionally be heard from the rear of the roof opening. The noise is most pronounced when driving over rough roads or at high speeds.

CAUSE

Wind-induced vibration may cause the following:

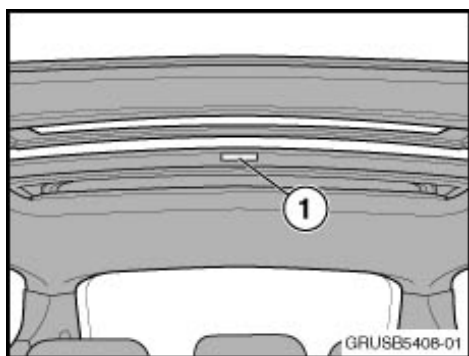
1. The front sunroof glass panel contacts the bottom of the rear rain gutter.
2. The lower rear edge of the rear glass panel vibrates against the top of the rear rain gutter.

CORRECTION

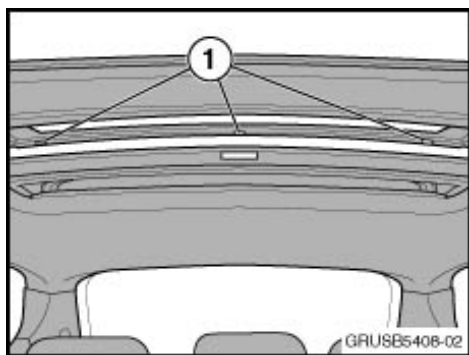
Apply felt tape to the necessary locations.

PROCEDURE

1. Ensure proper adjustment of the sunroof panels per Repair Instruction RA 54 13 003. This will ensure that the correct spacing exists between the glass panels when the sunroof is open.



2. Visually inspect the underside of the rear rain gutter to determine whether a felt pad (1) is already present. If it is not present, place three 30mm pieces of felt tape front-to-back to create an approximately 30x50mm pad on the underside of the rear rain gutter.



3. Place the panoramic sunroof in the vented position. Cut 3 strips of felt tape to 20mm lengths. Each felt strip will be placed on the underside of the rear edge of the rear glass panel (1). Place a felt strip in the center of the panel lengthwise from front to back. Place each of the remaining felt strips towards the outside edges of the panel, approximately 30mm from each edge.

PARTS INFORMATION

Part Number	Description	Quantity
61 13 6 908 716	Felt tape	1

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty.

Defect Code **54 12 09 39 00**

Main Work*

Labor Operation: 54 13 003 Adjusting glass sunroof lid

Labor Allowance: Refer to KSD

Labor Operation: 54 99 000 Work time for sunroof repairs

Labor Allowance: 2 FRU

*Main Work: Use this labor operation number when this is the only repair being performed, or if this is the main repair when performed along with other repairs at the same time. If this is not the main repair, refer to KSD for the associated (+) labor operation code.

Sublet Code \$1.00 ** Reimbursement of up to the amount listed may be charged to sublet code 4 for the Felt Tape (P/N 61 13 6 908 716) required to perform this repair. Claiming this part number outside of sublet code 4 will result in a delayed or denied claim payment.
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