



SUBJECT

Clicking Noise From Sunroof

MODEL

E70 (X5) produced from 11/26/07 until 12/7/07

SITUATION

While opening or closing the sunroof, a clicking noise may be heard when the sunroof is about half way through its travel.

CAUSE

The drive lugs on the left and right sides of the sunroof cassette may not be properly synchronized.

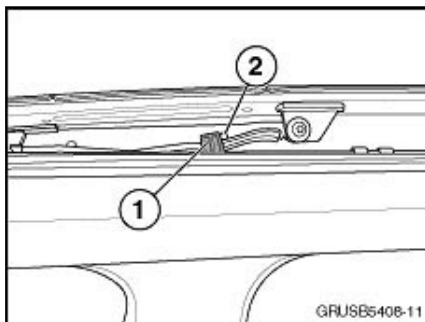
CORRECTION

Synchronize the sunroof drive lugs.

PROCEDURE

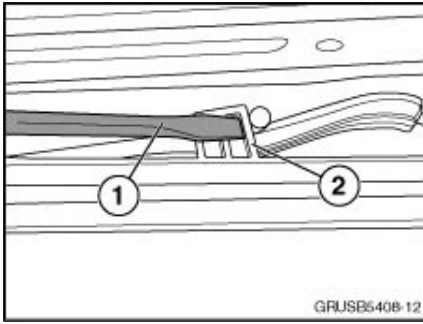
1. Open the sunshade fully. The glass panels should remain fully closed.
2. Remove the gaiter from both the left and right sides of the front sunroof panel, per Repair Instruction RA 54 10 160.

NOTE: Be careful not to bend the gaiter when removing, or it will not seat fully when it is reinstalled.



3. Inspect the position of the drive lug (1) on both sides of the sunroof cassette. Use the hole (2) in the cassette as a reference point.

4. If both the left and right side lugs are not equidistant from the hole in the cassette, proceed with the following procedure.
5. Lower the FZD per Repair Instruction RA 61 31 043.
6. Remove the sunroof motor per Repair Instruction RA 67 61 005.
7. Both drive lugs need to be aligned to the same position relative to the hole in the cassette.



8. Position a flat head screwdriver (1) in the recess on the drive lug (2) which needs to be moved rearward. Gently tap the handle of the screwdriver to move the drive lug rearward until both are in the same relative position.

9. Reinstall the motor, FZD, and gaiters.

10. Initialize the sunroof if necessary, per Repair Instruction RA 54 0 ...

WARRANTY INFORMATION

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

Defect Code: 54 12 09 39 00

Labor Operation: Labor Allowance: Description:

54 10 160*	Refer to KSD	Removing and Installing gaiter for glass sunroof
67 61 515	Refer to KSD	Removing and Installing drive gear for sunroof operation
54 99 000	1 FRU	Adjusting drive lugs on sunroof cassette, left and right

*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.