



SIB 51 02 24

SQUEAKING SOUND FROM THE EXTERIOR MIRROR ASSEMBLY
WHEN FOLDING IN OR OUT

2025-04-22

This Service Information Bulletin (Revision 3) replaces SI B51 02 24 **dated February 2025**.

- What's New:**
- Update to attachment

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THIS REPAIR IS MOBILE FRIENDLY

MODEL

E-Series	Model Description
G45	X3 Sports Activity Vehicle
G60	5 Series Sedan
G90	M5 Sedan
G99	M5 Touring

SITUATION

A squeaking sound is heard when folding either of the exterior mirrors assemblies in or out.

Note: Please see attached video V51 02 24.

CAUSE

Unfavorable tolerance positions within the exterior mirror assembly.

CORRECTION

Clean and lubricate the sliding surface of the exterior mirror assembly.

PROCEDURE

1. Verify that the customer's vehicle has this issue.
2. Manually fold the exterior mirror assembly inwards (see photo 1 in the attachment).
3. Clean the sliding surface on the exterior mirror assembly and apply PF1 lubricant (see photo 2 in the attachment)
4. Manually fold the exterior mirror assembly outwards (see photo 3 in the attachment).
5. Clean the sliding surface on the exterior mirror assembly and apply PFI lubricant (see photo 4 in the attachment).
6. If the sound is still present, replace the affected exterior mirror assembly.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which considers specific equipment and/or options.

Part Number	Description	Quantity
Refer to ETK/AIR	Exterior mirror assembly (Driver)	If needed
Refer to ETK/AIR	Exterior mirror assembly (Passenger)	If needed
83 23 0 309 627	Lubricant PF1 (50 gr/1.75 oz)	Sublet as needed

CLAIM INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Repair Code:	6713053900	Exterior mirror flap motor Unpleasant noises
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Diagnosis

Labor Operation	Description	Labor Allowance
51 00 001*	Work time to verify that the customer's vehicle has the issue described in this bulletin (Main or Plusposition)	WT
Or		
00 58 500*	Diagnosis Worktime Flat Rate (Plusposition)	2 FRU
Or		
00 58 000*	Diagnosis Worktime Flat Rate (Main work)	3 FRU

Only one Main work flat rate labor operation code can be claimed per workshop visit.

For applicable centers, if your work time labor operation code 51 00 001 includes Main work, then only use the Plusposition labor operation code for any other repairs that are being performed.

Exterior Mirror Repair Work Procedure

And, together with the applicable diagnosis above, claim the repair work procedure below that was performed.

Labor Operation	Description	Labor Allowance
51 99 000	Clean the sliding surface on the exterior mirror assembly, apply PF1 lubricant and recheck the operation (one-side)	2 FRU
Or:		
51 99 000	Clean the sliding surface on the exterior mirror assemblies, apply PF1 lubricant and recheck their operation (both-sides)	4 FRU

Work time labor operation codes 51 00 001, 00 58 500, and 51 99 000 are not considered Main labor operations.

And:

Sublet – Bulk Supply Materials (RO and Claim Comments Required)

Sublet Code 4	Reimbursement for the repair-related bulk supply materials (Do not use the BMW part numbers for claim submission)	See the sublet reimbursement calculations below
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Sublet reimbursement calculation for claiming the applicable repair-related bulk material (BMW part number) is at the dealer net price amount for the proportional quantity used plus your center's handling.

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.

Exterior Mirror Replacement (Additional Work)

If following additional work is required after performing the repair work procedure above, obtain and submit for the flat rate unit (FRU) allowances that apply.

Replacing One Side – Left or Right

Labor Operation	Description	Labor Allowance
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51 16 002	Replacing exterior mirror on left or right front door (Main work)	As applicable
Or:		
51 16 502	Replacing exterior mirror on left or right front door (Plusposition)	As applicable
And, if applicable:		
66 55 900	Additional work with Autonomous Parking Camera on left or right (UCAP) (Remount Autonomous Parking Camera in exterior mirror) (one side)	As applicable

If you are using a Main labor code for another repair, including the diagnosis above, use the Plus code labor operation 51 16 502 instead of 51 16 002.

Or:

Replacing Both Sides

Labor Operation	Description	Labor Allowance
51 16 022	Replacing both exterior mirrors on the front doors (Main work)	As applicable
Or:		
51 16 522	Replacing both exterior mirrors on the front doors (Plusposition)	As applicable
And, if applicable:		
66 55 901	Additional work with Autonomous Parking Camera on left and right (UCAP) (Remount Autonomous Parking Camera in exterior mirror) (Both sides)	As applicable

If you are using a Main labor code for another repair, including the diagnosis above, use the Plus code labor operation 51 16 522 instead of 51 16 022.

BMW Group's AIR Application Resource for Flat Rate Labor Operation Codes

To obtain the corresponding flat rate unit (FRU) allowance information from the BMW Group AIR application resource, start by entering the Chassis Number (the last seven (7) characters of the VIN, select the applicable Model if two or more vehicle choices show), or enter the full VIN (17 characters), click on the "Search" button. Next, click on the "Flat Rate Units" button and enter the flat rate labor operation code in the field to the right, click "Search" to display the Flat Rate Unit Group detail choices.

(*) Based on which one applies to your center, please refer to **SI B01 01 20** or **B01 07 20** for the applicable procedure for documenting, claiming, and explaining, on the RO and in the claim comments, your diagnosis work time (WT), job/repair work time (WT), and the vehicle repairs your center performed, unless otherwise required by State law.

FEEDBACK REGARDING THIS BULLETIN

Technical Feedback	To submit feedback for the technical topic of this bulletin: Submit your feedback in the rating box at the top of this bulletin
Warranty Feedback	To submit feedback for the CLAIMS section of this bulletin: Submit an IDS ticket to the Warranty Department, or use the chat available in the Warranty Documentation Portal
Parts Feedback	To submit feedback for the PARTS section of this bulletin: Submit an IDS ticket to the Parts Department

Supporting Materials

[picture_as_pdf ANL-PDF-SEL_6713WEBR20230001.pdf](#)

Videos

[51 02 24](#)

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