

**MODEL**

E-Series	Model Description
G20	3 Series Sedan
G29	Z4 Roadster

SITUATION

Interference noises (creaking, groaning, clicking) may be present when folding the side view mirrors in or out.

CAUSE

Excessive friction on the pivoting mechanism of the side view mirror hinge.

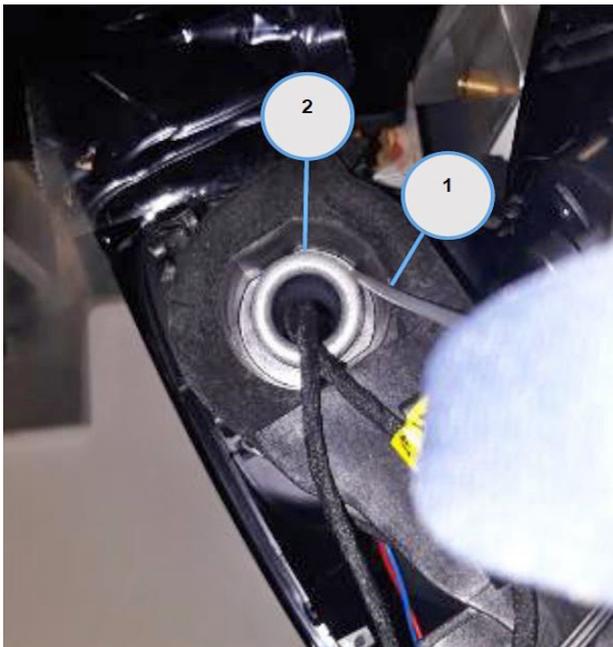
CORRECTION

Lubricate the pivoting mechanism of both side view mirrors.

PROCEDURE

1. Remove the mirror cap on both sides, following repair instructions REP 51 16 041 "Removing and installing/replacing protective cap on left or right outside rearview mirror.

Before disconnecting any plug connections for the heated mirror, take note of how the wiring harness is routed. Ensure the harness is routed in the exact same way during reinstallation.



2. Using special lubricant, P/N 83 19 9 408 523 (1), apply lubricant to all visible surfaces of the sliding disc (2) as shown.

Complete this procedure on both sides of the vehicle.

3. Completely reassemble the vehicle. After reassembly, fold and unfold both mirrors 10 times to facilitate proper lubrication.

PARTS INFORMATION

Part Number	Description	Quantity
83 19 9 408 523	Special lubricant (30 ml Krytox)	As needed

WARRANTY INFORMATION

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

Defect Code:	6713053900	Drive, fold ins, outside rearview mirror disruptive noises
Labor Operation	Description	Labor Allowance
51 16 043	Removing and installing/replacing the cover cap on the outside	Refer to AIR

	rearview mirror, left and right (Main work)	
Or:		
51 16 543	Removing and installing/replacing the cover cap on the outside rearview mirror, left and right (Plus work)	Refer to AIR
And:		
51 00 001	Work time to lubricate both exterior mirrors.	2 FRU

If you are using a Main labor code for another repair, use the Plus code labor operation 51 16 543 instead of 51 16 043.

Refer to AIR for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 51 00 001 is not considered a Main labor operation. Also, since the work time FRU allowance to be claimed is specified, a separate punch time is not required. However; it still requires an explanation on the repair order and in the claim comments section.

And, as needed:

Sublet – Bulk Materials (RO and Claim Comments Required)

Sublet Code 4	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk material (Do not use the BMW part number for claim submission)
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Sublet reimbursement calculation for claiming applicable repair-related bulk material (BMW part number) is at the dealer net price amount for the 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.