



GROANING OR CRACKING NOISE WHEN OPENING OR CLOSING THE DOORS

MODEL

E-Series	Model Description
G30	5 Series Sedan
G32	640i xDrive Gran Turismo

SITUATION

A groaning or cracking sound is present when opening and/or closing any of the doors.

CAUSE

Interference between the door panel and door.

CORRECTION

Install noise reduction tape to the door panel of the affected door.

PROCEDURE

1. Remove the door panel of the affected door following ISTA/AIR repair instructions for the specific door affected.
2. Cut a strip of noise reduction tape, P/N 51 41 8 170 727 to a length of 100 mm (approx. 4 inches).



3. Apply noise reduction tape in the area shown to the left.

Note: Ensure the tape is only applied to the edge and inside of the door panel so that it is not visible from the outside.

4. Reassemble the vehicle and retest.



PARTS INFORMATION

Part Number	Description	Quantity
51 41 8 170 727	Adhesive tape (P/N length = 1 m/pre-pack full roll length = 33 m)	Sublet as needed

WARRANTY INFORMATION

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

Defect Code:	5141003900	Front door trim panel (including function carrier, front door) disruptive noises	
One Front door			
Labor Operation	Description	Labor Allowance	
51 41 000	Removing and installing left or right front door trim panel (Main work)	Refer to AIR	
Or:			

51 41 503	Removing and installing left or right front door trim panel (Plus work)	Refer to AIR
And:		
51 00 001	Work time to install noise reduction tape to door	1 FRU

Or:

Both front doors		
Labor Operation	Description	Labor Allowance
51 41 002	Removing and installing both front door trim panels (Main work)	Refer to AIR
Or:		
51 41 505	Removing and installing both front door trim panels (Plus work)	Refer to AIR
And:		
51 00 001	Work time to install noise reduction tape to the doors	2 FRU

And/or:

Defect Code:	5142003900	Rear door trim panel (including function carrier, rear door) disruptive noises
One Rear door		
Labor Operation	Description	Labor Allowance
51 42 000	Remove and install left or right rear door trim panel (Main work)	Refer to AIR
Or:		
51 42 503	Remove and install left or right rear door trim panel (Plus work)	Refer to AIR
And:		
51 00 001	Work time to install noise reduction tape to door	1 FRU

Or:

Both rear doors		
Labor Operation	Description	Labor Allowance
51 42 002	Removing and installing both rear door trim panels (Main work)	Refer to AIR
Or:		
51 42 505	Removing and installing both rear door trim panels (Plus work)	Refer to AIR
And:		
51 00 001	Work time to install noise reduction tape to the doors	2 FRU

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

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 for the repair-related bulk material (PN 51 41 8 170)
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	reimbursement calculations below	727= 1 meter Qty, do not use the BMW part numbers for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk materials (BMW part numbers) 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.