



SIB 31 01 26

THUMPING AND/OR GROANING NOISE FROM FRONT AXLE

2026-02-04

MODEL

F39 (X2 Sports Activity Coupe)	G01 (X3 Sports Activity Vehicle)	G02 (X4 Sports Activity Coupe)	G20 (3 Series Sedan)
G22 (4 Series Coupe)	G23 (4 Series Convertible)	G26 (4 Series Gran Coupe)	G29 (Z4 Roadster)
i20 (iX Sports Activity Vehicle)	U10 (X2 Sports Activity Coupe)	U11(X1 Sports Activity Vehicle)	

All models from Start of Production

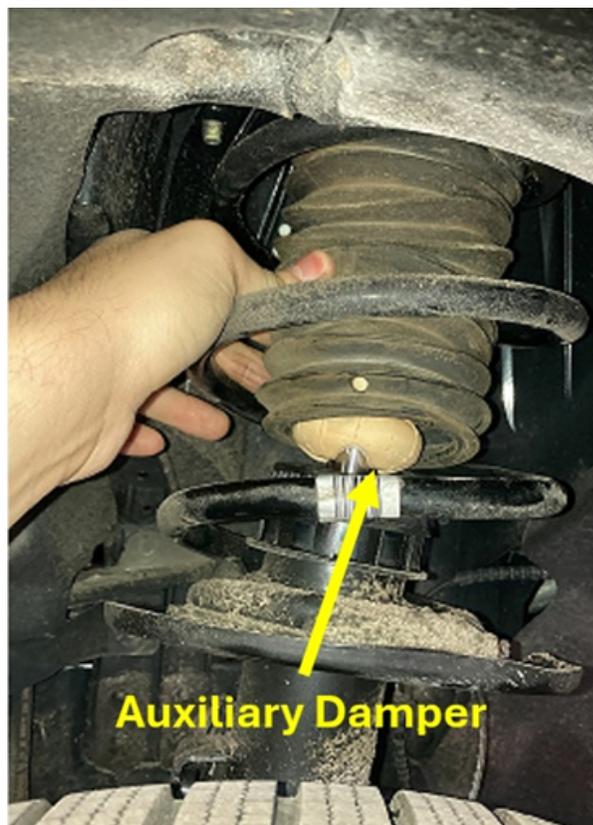
SITUATION

When driving over an uneven road surface, a “thumping” noise can be heard from the front axle. See attached video V 31 01 26.

Under certain weather conditions, a “groaning” noise may be heard during steering movements

CAUSE

The auxiliary damper (aka additional shock absorber) detaches from the support bearing (aka guide support)



CORRECTION

Replace the left and right support bearing and auxiliary damper.

PROCEDURE

Remove and dismantle the left and right front spring strut shock absorbers as per REP 31 31 031.

Apply window adhesive P/N 83 19 2 289 181 to the new support bearings as shown



Important: Install the new auxiliary dampers into the support bearing and press together in a vice for at least 10 hours.

Be sure to center the damper and bearing before securing in the vice for setup.

Avoid getting the windshield adhesive in the center of the damper and support bearing's through-hole for the spring strut.

Reassemble the spring struts and install back to vehicle.

PARTS INFORMATION

When applicable, to determine the part number that applies to the specific vehicle being repaired, enter the VIN/chassis number into either ETK or AIR, this will consider the specific equipment and/or options that are fitted to the vehicle.

Part Number	Description	Quantity
Refer to ETK/AIR	Guide support	2
Refer to ETK/AIR	Hex bolt with washer (When "Only in conjunction with:")	As required
Refer to ETK/AIR	Self-locking collar nut (When "Only in conjunction with:")	As required
Refer to ETK/AIR	Additional shock absorber, front	2

Sublet - Bulk Supply Materials

Part Number	Description	Quantity
83 19 2 289 181	Window-glass adhesive (DN = 300 mL of adhesive)	Sublet as needed

Additionally, other materials and small parts that are not specified above, such as fluids, lubricants (in sublet), one-time use screws, nuts, and seals, which must be replaced or installed (according to the ISTA repair instructions/ETK/AIR), are to be selected from the Electronic Parts Catalog, and/or other approved BMW Group's resources according to the respective vehicle type. Invoiced these items separately under the Repair Code listed in this bulletin.

CLAIM INFORMATION

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

Repair Code:	3133900100	F39 G0x G2x I20 U10 U11 Groaning / rumbling noise from the front section area (auxiliary damper)
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Diagnosis

Labor Operation	Description	Labor Allowance
51 00 001*	Localizing body complaint(s) (Work time)	WT FRU
Or:		
00 58 500*	Diagnosis Worktime Flat Rate	2 FRU

And, with the diagnosis above that applies to your center together with the work below that was performed.

Repair

Labor Operation	Description	Labor Allowance
31 31 051	Replacing both spring struts at front (Main work)	As applicable
Or:		
31 31 517	Replacing both spring struts at front (Plusposition work)	As applicable
Or:		
31 31 511	Replacing both spring struts at front (Associated work, both spring struts completely removed)	As applicable
And:		
00 78 971	Additional work/bonding auxiliary damper to strut mount	As applicable

If you are using a Main labor operation code for another repair, then use the Plusposition labor operation code 31 31 517 (or 31 31 511 when applicable) instead of 31 31 051.

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

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

Sublet Code 4	Reimbursement for the supported repair-related bulk supply materials (Do not use the BMW part numbers for claim submission)	Up to \$30.00
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Sublet reimbursement calculation for claiming the applicable repair-related bulk supply material (BMW part number) is at the dealer net (DN) price 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.

(*) 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

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	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

Videos

[31 01 26](#)

