



SIB 31 05 26

POPPING NOISE FROM FRONT AXLE WHEN CORNERING AND DRIVING ON UNEVEN ROADS 2026-04-29

<input type="checkbox"/>	THIS REPAIR IS MOBILE FRIENDLY
<input type="checkbox"/>	THIS REPAIR IS REMOTE SOFTWARE UPGRADE (RSU) FRIENDLY

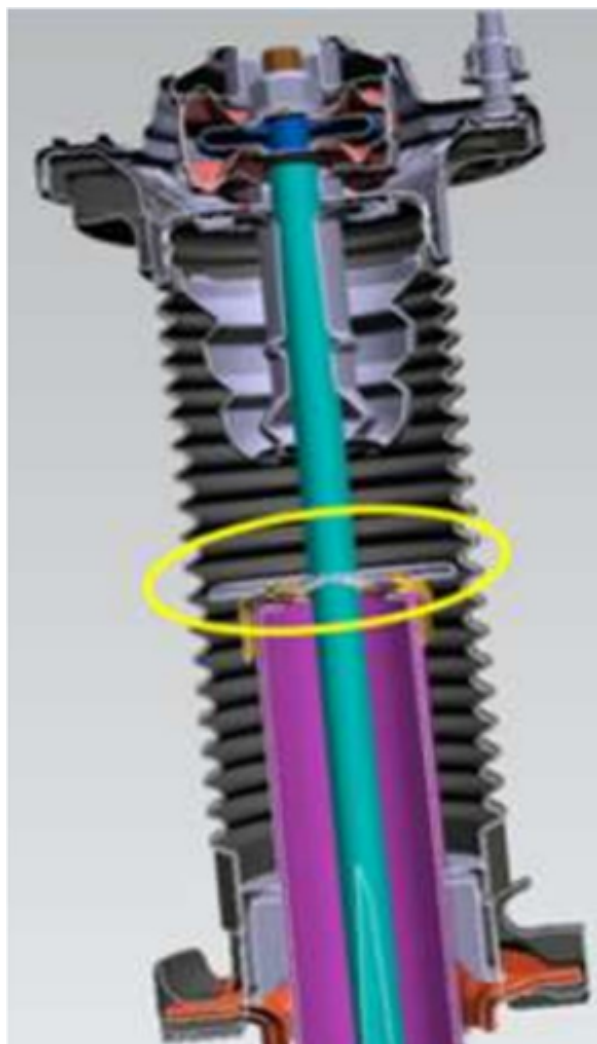
MODEL

E-Series	Model Description	Production Date	Affected Option Code
G60	530i, 530i xDrive, 540i xDrive, i5 eDrive40, 550e xDrive	SoP to November 29, 2024	Standard spring strut

SITUATION

“Popping” noise from the front axle when cornering and driving on uneven road surfaces. The noise can be reproduced in the workshop by bouncing the vehicle, see attached video V31 05 26 Auxiliary damper noise.

CAUSE



The spring strut gaiter hooks onto the disc-shaped pressure stop cap (circled) and the popping is reproduced when releasing back into position.

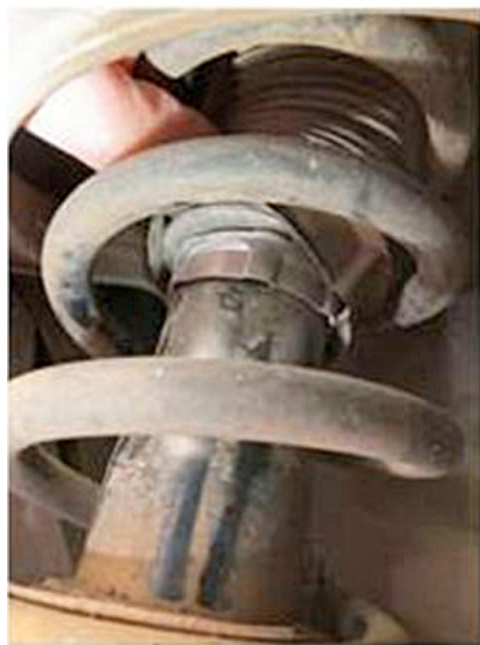
CORRECTION

Replace the affected spring strut.

PROCEDURE



Push up the spring strut gaiter and check whether the guide sleeve is installed as shown.



If the guide sleeve is not installed, the affected spring strut is to be replaced as per REP 31 31 031.

PARTS INFORMATION

To determine the part number(s) 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 AIR/ETK	Front right spring strut	1
Or		
Refer to AIR/ETK	Left front spring strut	1
32 21 6 769 539	Self-locking hex nut (M12x1.5-05 ZNS3)	1

31 30 6 865 312	Hexagon bolt with flange thread-tapping (M8x30-10.9 ZNS3)	3
07 11 9 904 161	Hex screw with collar (M10x60)	1
07 14 8 835 360	Combination nut (14x1.5 ZNNIV)	1
31 10 6 789 333	Torx screw (M10x59-10.9 ZNS)	1
31 10 6 765 451	Combination nut (M10-22H ZNS3)	1
37 10 6 789 678	Hex nut with flange (M12x1.5-10-ZNS3)	1

CLAIM INFORMATION

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

Repair Code:	3132003900	Shock absorber on front axle Unpleasant noises
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Diagnosis

Labor Operation	Description	Labor Allowance
37 99 000*	Localizing front axle noise (Work time)	WT FRU
Or:		
00 58 500*	Diagnosis Worktime Flat Rate	2 FRU

Work time labor operation codes 37 99 000 and 00 58 500 are not considered Main labor operations.

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

Only One Side is Affected (Replacement in Sets is not required)

Labor Operation	Description	Labor Allowance
37 11 032	Replacing front left or right spring strut (Main work)	As applicable
Or:		
37 11 532	Replacing front left or right spring strut (Plusposition work)	As applicable
Or:		
37 11 533	Replacing front left or right spring strut (Associated work) (spring strut completely removed)	As applicable

If you are using a Main labor operation code for another repair, then use the Plusposition labor operation code 37 11 532 instead of 37 11 032.

Or:

Both Sides are Affected

Labor Operation	Description	Labor Allowance
37 11 034	Replacing both spring struts, front (Main work)	As applicable
Or:		
37 11 534	Replacing both spring struts, front (Plusposition work)	As applicable
Or:		
37 11 535	Replacing both spring struts, front (Associated work) (spring strut completely removed)	As applicable

If you are using a Main labor operation code for another repair, then use the Plusposition labor operation code 37 11 534 instead of 37 11 034.

(* 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.

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 (last seven (7) characters of the VIN), and click on the "Search" icon. If the "Vehicle Selection" window displays two or more model possible vehicle choices, select the applicable Model, or enter the full VIN (17 characters) instead to proceed. Click on the "Flat Rate Units" button and enter a flat rate labor operation code number "without spaces" in the field to the right, click on the "Search" icon to display the corresponding listing of "Flat rate unit group details" that are available and their corresponding FRU allowances.

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

Videos

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