



SIB 31 04 26

GROANING NOISE NEAR STEERING END STOP POSITION

2026-04-23

<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
G70	7 Series Sedan, i7 Sedan (Battery Electric Vehicle (BEV))	From SoP until November 2, 2025

SITUATION

When turning the steering wheel fully to the steering end stops, a "groaning" noise can be perceived at the respective steering stop. The noise occurs at higher ambient temperatures from approx. 68°F.

See attached video V31 04 26.

CAUSE

Due to an excessively tight fit between the moving part (hydro mount) and the guide of the hydro mount, jamming occurs when turning the steering wheel fully towards the end stops; and a groaning noise is generated.

CORRECTION

The affected tension struts with hydro mount are to be replaced in sets using tension struts with **rubber mounts** as per REP31 12 050 "Removing and installing/replacing left or right tension strut".

Note: A mixed installation of both variants is not permissible!

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
31 10 8 881 403	Tension strut with rubber mounting, left	1
31 10 8 881 404	Tension strut with rubber mounting, right	1
33 31 6 767 586	ASA bolt with washer (M14x127-10.9)	2
33 30 6 760 349	Self-locking collar nut (M14x1.5-10 ZNS3)	2
07 14 6 875 114	Hexagon nut with collar (M16X1.5 ZNNIV)	2
For xDrive vehicles		
31 20 6 866 022	Collar screw with spring (M16x1.5x66)	2

Additionally, other materials and small parts that are not specified above, such as fluids, lubricants, 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 resources according to the respective vehicle type. Invoiced these items separately under the Repair Code listed in this bulletin.

CLAIM INFORMATION

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Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks, or the BMW Certified Pre-Owned Program as described below.

Repair Code:	3112073900	Rubber/hydraulic mount, tension strut/compression strut (inner) Unpleasant noises
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Diagnosis

Labor Operation	Description	Labor Allowance
31 99 000*	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.

Repairing Both Sides

Labor Operation	Description	Labor Allowance
31 12 080	Removing and installing/replacing both tension struts (Main work)	As applicable
Or:		
31 12 627	Removing and installing/replacing both tension struts (Plusposition work)	As applicable

If you are using a Main labor operation code for another repair, then use the Plusposition labor operation code 31 12 627 instead of 31 12 080.

Work time labor operation codes 31 99 000 and 00 58 500 are not considered Main labor operations.

(*) 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

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Videos

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