



SIB 32 07 25
NOISE COMPLAINTS REGARDING THE FRONT AXLE

2025-06-11

<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
G45	X3 Sports Activity Vehicle	August 8, 2024, to March 31, 2025

SITUATION

Rattling/knocking noise from the front axle at low speeds of less than 15 mph. The noises are induced by driving over rough road surface or by brake operation. The noises occur during straight ahead driving or cornering.

See attached videos V32 02 25 Rough road surface and V32 03 25 Braking

CAUSE

Tie rods

CORRECTION

Replace the affected tie rod(s)

PROCEDURE

Replace the affected tie rod(s) as per REP32 21 231

PARTS INFORMATION

Use and invoice the applicable part numbers below.

Part Number	Description	Quantity
32 10 5 B65 6F1	Left tie rod	1
And/or		
32 10 5 B65 6F2	Right tie rod	1

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 Catalogue, 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:	3221043900	Track rod, side (Inner) Unpleasant noises
--------------	------------	---

Diagnosis

Labor Operation	Description	Labor Allowance
32 99 000*	Localizing front axle/steering noise (Work time)	WT FRU
Or:		

00 58 500*	Diagnosis Worktime Flat Rate	2 FRU
------------	------------------------------	-------

Work time labor operation codes 32 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.

Repairing One Side

Labor Operation	Description	Labor Allowance
32 21 231	Replacing left or right tie rod (Main work, Inner)	As applicable
Or:		
32 21 734	Replacing left or right tie rod (Plusposition work, Inner)	As applicable

If you are using a Main labor operation code for another repair, then use the Plusposition labor operation code 32 21 734 instead of 32 21 231

Or:

Repairing Both Sides

Labor Operation	Description	Labor Allowance
32 21 251	32 21 251 Replacing tie rods at left and right (Main work, Inner)	As applicable
Or:		
32 21 737	32 21 737 Replacing tie rods at left and right (Plusposition work, Inner)	As applicable

If you are using a Main labor operation code for another repair, then use the Plusposition labor operation code 32 21 737 instead of 32 21 251

And:

Checking Wheel Alignment and Adjusting

Labor Operation	Description	Labor Allowance
32 00 595	Kinematics Diagnosis System wheel alignment with ride height measurement without loading the vehicle (Plusposition)	Refer to AIR
And:		
32 00 601	Adjusting toe-in on front axle (Associated work)	Refer to AIR

And, as needed, based on the results of checking the vehicle's wheel alignment

Labor Operation	Description	Labor Allowance
32 00 NNN	Refer to Main Group 32 (Steering and wheel alignment / Electronic wheel alignment) for other/additional wheel alignment-related work that may also need to be performed	Refer to AIR

(*) 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

Copyright ©2025 BMW of North America, Inc.

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

[32 02 25](#)

[32 03 25](#)

