SIB 31 06 26

FRONT AXLE CONTROL ARM BALL JOINT BOOT DAMAGE

2026-05-22

☐	THIS REPAIR IS MOBILE FRIENDLY
☐	THIS REPAIR IS REMOTE SOFTWARE UPGRADE (RSU) FRIENDLY

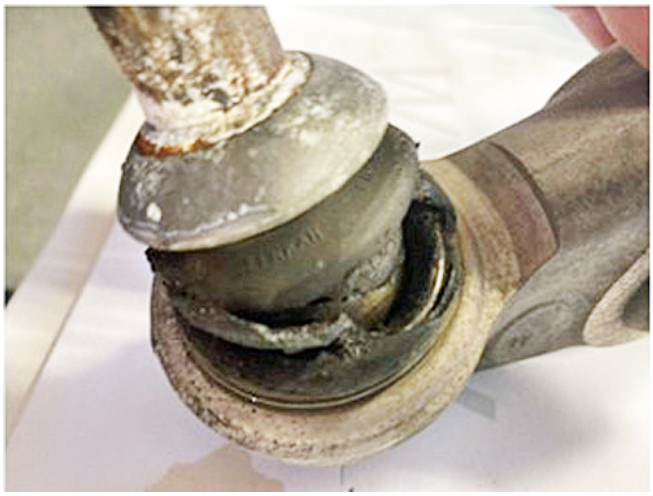
MODEL

E-Series	Model Description	Production Date
G60	5 Series Sedan	June 30, 2023 to April 30, 2025
G70	7 Series Sedan	June 30, 2022 to April 30, 2025

SITUATION

Noises from the front axle when driving over rough road surfaces, or when turning.

CAUSE



Cracks occur in the ball joint boot when corrosion develops in the boot's lower groove due to infiltration.

Infiltration into the boot at the lower groove causes degradation of the grease, leading to uneven wear of the ball surfaces.

CORRECTION

Check for damage/grease leakage as shown above. If present on either the left or right ball joint, replace both control arms as per REP 31 12 004.

- New control arms are equipped with ball joints and boots

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
G60		
31 10 8 837 711	Control arm bottom w/ rubber mount left	1
31 10 8 837 712	Control arm bottom w/ rubber mount right	1
07 14 6 875 114	Hexagon nut with collar (M16x1.5 ZNNIV)	2
33 30 6 760 349	Self-locking collar nut (M14x1.5-10 ZNS3)	2
33 17 6 760 342	Hex bolt (M14x1.5x110)	2

07 11 9 906 100	Hexagon collar screw (M14x1.5x95 10.9)	2
33 30 6 787 062	Combination nut (M14x1.5-10ZNNIV)	2
G60 SA704 M Sports suspension		
31 10 8 833 047	Control arm bottom w/ rubber mount left	1
31 10 8 833 048	Control arm bottom w/ rubber mount right	1
07 14 6 875 114	Hexagon nut with collar (M16x1.5 ZNNIV)	2
33 30 6 760 349	Self-locking collar nut (M14x1.5-10 ZNS3)	2
33 17 6 760 342	Hex bolt (M14x1.5x110)	2
07 11 9 906 100	Hexagon collar screw (M14x1.5x95 10.9)	2
07 14 8 835 360	Combination nut (14x1.5 ZNNIV)	2
G70		
31 10 6 898 553	Wishbone, bottom, with rubber mount left	1
31 10 6 898 554	Wishbone, bottom, with rubber mount right	1
07 14 6 875 114	Hexagon nut with collar (M16x1.5 ZNNIV)	2
33 30 6 760 349	Self-locking collar nut (M14x1.5-10 ZNS3)	2
33 17 6 760 342	Hex bolt (M14x1.5x110)	2
07 11 9 906 100	Hexagon collar screw (M14x1.5x95 10.9)	2
07 14 8 835 360	Combination nut (14x1.5 ZNNIV)	2
If equipped with vibration absorber		
33 32 6 760 346	Hex bolt with washer (M12x1.5x87 ZNS3)	2
33 32 6 760 668	Self-locking collar nut (M12x1.5-10 ZNS3)	2

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 as described below.

Repair Code:	**3112153900**	**Rubber ball joint (on spring strut), front axle control arm, bottom Unpleasant noises**

Diagnosis

Labor Operation	Description	Labor Allowance
31 99 000*	Localizing front axle noise (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 flat rate allowances for the work below that was performed.

Repair

Labor Operation	Description	Labor Allowance
31 12 005	Replacing both wishbones at bottom **(Main work)**	As applicable
Or:		
31 12 575	Replacing both wishbones at bottom **(Plusposition work)**	As applicable

If you are using a Main labor operation code for another repair, then use the Plusposition labor operation code 31 12 575 instead of 31 12 005.

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

And, after performing the repair above:

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)	As applicable
And:		
32 00 601	Adjusting toe-in on front axle (Associated work)	As applicable
And, as needed:		
32 00 650	32 00 650 Additional work for integral active steering (HSR)(Associated work)	As applicable

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	As applicable

(*) 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 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