



SIB 33 01 25

2025-04-29

REAR SUSPENSION STRUTS RATTLE WHEN DRIVING OVER ROUGH ROAD SURFACE

<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
G42 with B58D engine	2 Series Coupe	From SoP (model year 2022 with 8/2021 SoP)	2VF Adaptive M suspension

SITUATION

“Rattling” noises heard from the area of the luggage compartment when driving over a rough road surface. See attached video V33 01 25 “Rear strut noise”.

CAUSE

Function related noises of the dampening components.

CORRECTION

Replace the support bearings, auxiliary shock absorbers, stabilizer and stabilizer supports using the **bolded** part numbers below.

Note: The bold part numbers below are not found on the G42 in AIR/ETK. Failure to use the referenced part numbers from this SIB will result in an improper repair and not remedy the noise complaint.

All remaining hardware can be found referencing the model G42.

PROCEDURE

Replace the rear stabilizer with supports as per REP 33 55 000 “Removing and installing/replacing rear anti-roll bar”.

With the rear axle support lowered, replace the rear support bearings together with the auxiliary shock absorbers as per REP 33 52 161 “Replacing support bearing for spring strut/shock absorber on the rear left or right”.

PARTS INFORMATION

Use and invoice the **BOLDED** part numbers listed below.

Part Number	Description	Quantity
33 50 6 889 267	Support bearings rear	2
33 53 6 791 515	Auxiliary shock absorber, rear	2
33 50 6 881 581	Stabilizer, rear	1
33 50 5 B38 D44	Stabilizer support	2

Note: The bold part numbers above are not found on the G42 in AIR/ETK. Failure to use the above-referenced part numbers will result in an improper repair and not remedy the noise complaint.

Part Number	Description	Quantity
07 11 9 907 135	Hex nut with flange (M10x1-8-ZNS3)	2
07 11 9 907 502	Torx bolt (10.9-ZNS3)	6
07 11 9 907 372	Torx screw with collar (M12x1.5x90-10.9)	2
33 32 6 760 668	Self-locking collar nut (M12x1.5-10 ZNS3)	2
33 30 6 760 349	Self-locking collar nut (M14x1.5-10 ZNS3)	2
07 11 9 908 024	Torx-bolt with washer (M14x1.5x85)	2
07 11 9 902 751	Hex nut (M6-8-ZNS3)	8
07 11 9 907 333	Star-socket screw (BM8X30)	4
33 32 6 768 884	Hexagon nut with collar (M10-10 ZNS3)	2
33 30 6 793 892	Torx screw with collar (M12x1.5x110)	4
07 14 6 884 435	Multi-purpose bolt ASA (M10x35 ZNS3)	8
34 10 8 838 589	Torx screw with washer (M12X1.5X43 ZNS3)	4
33 12 7 607 158	Repair kit recessed nut blue	1
07 11 9 904 024	Hex nut (M8-ZNS3)	3
18 30 7 525 607	Hex nut (M8)	1
18 30 8 635 798	Muffler clamp (D=80.0 x 37mm)	1
18 32 8 612 538	Gasket ring	1
18 32 8 612 537	Screw clamp (D=135mm)	1
07 14 9 3047 66	Combination Allen bolt	10

Sublet – Bulk Supply Materials

Part Number	Description	Quantity
83 19 2 405 829	Circo Light; lubricant (DN = 250 ml)	As needed
83 23 0 417 754	Lubricating grease Optitemp HT 1 LF (DN = 50 g tube)	As needed

CLAIM INFORMATION

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:	3352063900	Thrust bearing, top rear Unpleasant noises
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Obtain the flat rate unit (FRU) allowances for the following that applies.

Labor Operation	Description	Labor Allowance
33 55 000	Removing and installing/replacing rear anti-roll bar (Main work)	As applicable
Or:		
33 55 502	Removing and installing/replacing rear anti-roll bar (Plus work)	As applicable
And:		
33 52 633	Replacing support bearing for spring struts/shock absorber, rear (Associated work, shock absorber removed)	As applicable
And:		
51 00 001*	Localizing body complaint(s): Verifying the source of the rattling noises in the luggage compartment area as described in this Service Information Bulletin (Work time)	WT FRU
Or:		
00 58 500*	Diagnosis Worktime Flat Rate	2 FRU

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

Sublet Code 4	Reimbursement for the repair-related bulk supply materials (Do not use the BMW part numbers for claim submission)	See the sublet reimbursement calculations below
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Sublet reimbursement calculation for claiming the applicable repair-related bulk supply materials (BMW part numbers) is at the dealer net (DN) price for the full or proportional quantities 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.

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

[33 01 25](#)

