



SIB 33 02 25

2025-05-12

## SERVICE ACTION: REPLACE THE LEFT REAR OUTPUT SHAFT

<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
G45	X3 (Sport Activity Vehicle)	9/14/2024	53GP

**SITUATION**

Sufficient grease was not applied to the left rear axle shaft. The velocity joints could overheat after a short amount of driving

**PROCEDURE**

Replace the left rear output shaft. Refer to Repair Instruction **33 21 000 Removing and installing/replacing left or right output shaft.**

**PARTS INFORMATION**

Use and invoice the part numbers below.

Part Number	Description	Quantity
33 20 5A4C385	Driven shaft, left	1
31 20 6795249	Shouldered bolt with compression spring	1
33 10 8860346	Sealing kit for rear axle differential	2
07 11 9906460	Hexagon screw with washer	2
33 32 6775040	Hexagon screw with washer	2
33 32 6760380	Combination nut	2
33 12 7607158	Recessed nut repair kit, blue	1
33 12 1213903	Small dust plate	1
31 50 7609535	Shaft sealing ring	1
33 13 1214961	Retaining ring	1
33 11 7525064	Screw plug with O-ring	1
26 11 7523708	Hexagon bolt	3
26 11 9454792	Screw with Loctite	4
26 12 7521853	Hexagon screw with washer	2
26 11 7523709	Hexagon bolt	3
26 12 7536563	Self-locking hexagon nut	3
07 11 9906089	Collar nut	3
07 14 5A67B87	Hexagon nut	1
07 11 9904524	Hexagon screw with washer	3
18 30 5A22701	Clamp	1
18 30 7822989	Gasket	1

**Sublet - Bulk Supply Material**

Part Number	Description	Quantity
83 22 2471487	Hypoid axle oil G5 (0,5L)	As required for rear diff top-off

## CLAIM INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the applicable work package information below, and the part numbers listed above.

<b>Repair Code:</b>	<b>0033340200</b>	<b>G45 Replace rear drive shaft</b>
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Below are the special flat rate labor operation code choices for this action.

**Completion before the first vehicle delivery to a customer (New in-stock/No in-service date), or the vehicle is already in the workshop for another reason and/or repair.**

Labor Operation	Description	Labor Allowance
00 78 578	Replacing a rear drive shaft	28 FRU

Or:

**The vehicle arrives at your center and this Service Action shows open (No other Main work will be performed or claimed during this workshop visit).**

Labor Operation	Description	Labor Allowance
00 78 066	Replacing a rear drive shaft	30 FRU

Only one of the flat rate labor operation codes listed above can be used for claim submission and reimbursement. Also, only one Main work flat rate labor operation code can be claimed per workshop visit.

### Claim Repair Comments

Only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and the claim comments (For example: B33 02 25 WP 1), unless otherwise required by State law.

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

<b>Sublet Code 4</b>	Reimbursement for the repair-related bulk supply material (Do not use the BMW part number for claim submission)	Up to \$25.00
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Sublet reimbursement calculation for claiming the applicable repair-related bulk supply material (BMW part number) is at the dealer net (DN) price for the full or proportional quantity used plus your center's handling.

### Alternative Mobility Solution (AMS) for Vehicle Owners (RO and Claim Comments Required)

This Service Action's repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Repair Code noted above as follows:

- Sublet Code 2 - Itemize the AMS sublet amount on the repair order and in the claim comment section.

Please refer to SI B01 29 16 for additional information.

## 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

