

Recall Campaign Bulletin



Mercedes-Benz

Campaign No. 2024120005, January 2025

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model GLC and S-Class (254 and 223 platform)**
Model Year 2024

Correct Bolting of Rear Axle Differential

Mercedes-Benz AG, the manufacturer of Mercedes-Benz vehicles, has determined that on certain MY 2024 GLC (254 platform) and S-Class (223 platform) vehicles, the rear axle differential might not be bolted to the rear axle carrier according to current production specifications. In this case, the bolt connection might loosen over time, potentially causing the rear axle differential to distort. This might lead to increased stress on the drive shaft connection, and potential separation of the drive shaft from the rear axle differential. Should this occur, a loss of propulsion cannot be ruled out, which could increase the risk of a crash. An authorized Mercedes-Benz dealership will correct the bolting connection of the rear axle differential on the affected vehicles.

Prior to performing this Campaign:

- VMI must be checked before performing campaigns to verify that the campaign is required on a specific vehicle. Always check for any other open campaigns and perform accordingly.
- Please review the entire Campaign bulletin and follow the repair procedure exactly as described.

Approximately 3 vehicles are affected.

Order No. P-RC-2024120005

Recall Campaign Bulletin

Recall Campaign Bulletin

Recall Campaign Bulletin

Recall Campaign Bulletin

Recall Campaign Bulletin

Correct Bolting of Rear Axle Differential

Models: 254 & 223

Work Procedure

1. Replace rear axle differential end cover (**Figure 1, 1**).

i For basic information, see:
AR35.31-P-0555S (model 223)
AR35.31-P-0555WT (model 254).

i The rear axle differential **screw** to the rear cross brace (**Figure 1, 2**) must always be **replaced**.

Nm Observe the specified tightening torque, see:
BA35.10-P-1005-01U (model 254)
BA35.10-P-1011-01R (model 223).

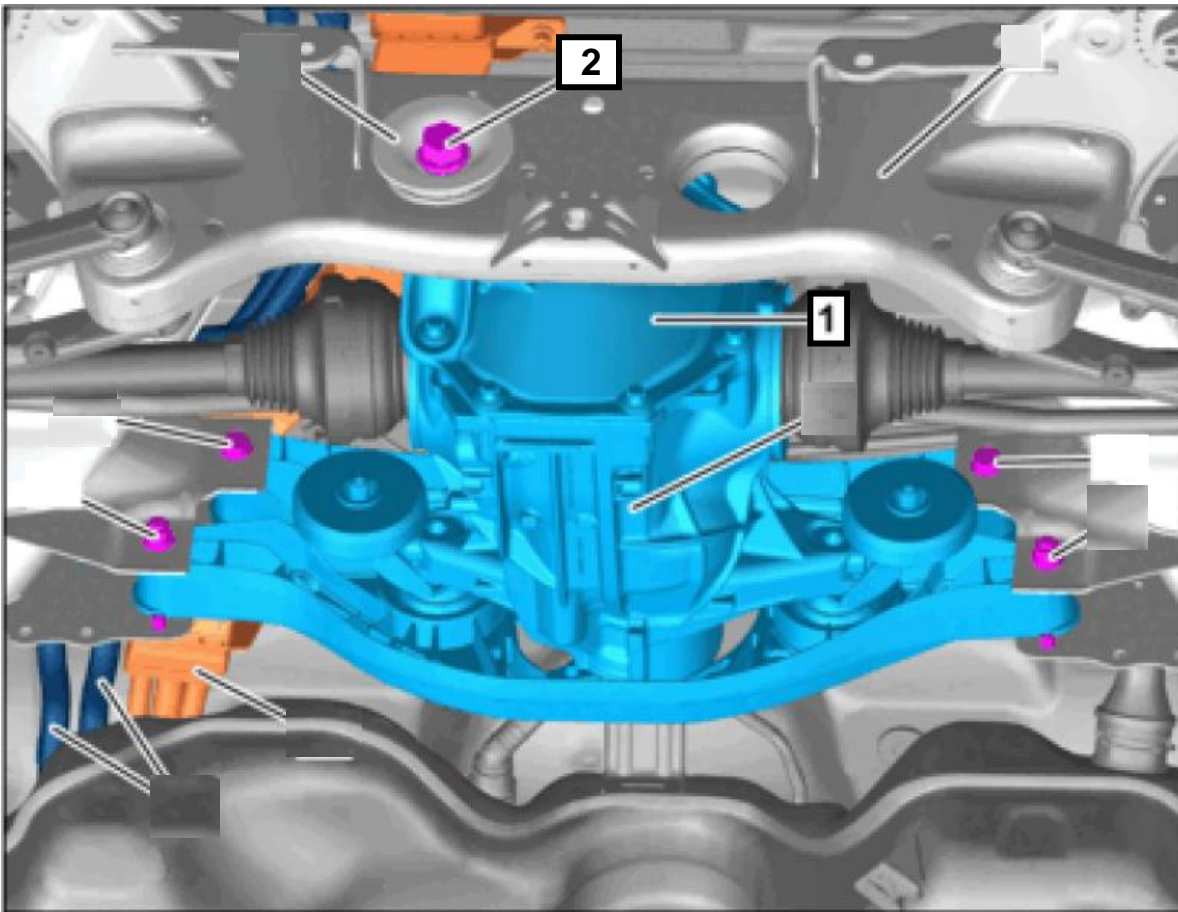


Figure 1

Primary Parts Information

Qty.	Part Name	Part Number
1	Rear axle differential screw to rear cross brace	A 000 990 83 37
1	Rear axle differential end cover	-*
As required	Hypoid gear oil SAE 75W-85 MB 239.71	-*

* **The replacement parts must be determined according to the equipment variant for the VIN via the parts job in XENTRY Portal!**

i Small parts such as **screws**, lock nuts, sealing rings, cable ties, fluids, **sealant**, etc. are not listed in the parts list. The required small parts are taken into account in the budgeting.

i **Note:** The following allowable labor operation should be used when submitting a warranty claim for this repair:

Warranty Information

Damage Code	Operation Number	Description	Labor Time (hrs.)
35 948 06	12-2137	Operations: Replace rear axle differential end cover Includes: Remove/install 2 wheel and tire assemblies with wheel lift dolly, remove/install trim pieces on underbody, wheel alignment check	**
		Model: 223.176	5.5
		Model: 254.647/.651	6.1

** Labor times vary for each affected model.

i **Note:** Always check Xentry Operation Time (XOT) for the current OP-Code times. Labor times are subject to change and updates may not be reflected in this document.