

Recall Campaign Bulletin



Mercedes-Benz

Campaign No. 2022090007, October 2022

Revision A: August 2, 2024

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model GL-Class, ML-Class, and R-Class (X164, W164 and 251 platform)
Model Year 2007-2008**

Replace Brake Booster - with Pedal Rework

All vehicles that had the Brake Booster inspection performed and required a follow-up repair under Category 2 or 3 received a new pending campaign number. Category 3 vehicles will be launched and receive parts to perform and close out the campaign. Category 2 vehicles will remain in a pending status until such time parts become available. An authorized Mercedes-Benz dealer will replace the brake booster assembly and, if applicable, re-work the brake pedal assembly.

Prior to performing this Campaign:

- VMI must always 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 14,123 vehicles are affected.

Order No. P-RC-2022090007

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Record

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Replace brake booster

i Before starting work, there must be **no** fault message present in the instrument cluster on the brake system. If a fault message is present before starting work, this must be rectified.
Do not invoice this **fault rectification** together with **the field measure**. The costs must be clarified with the customer.

Work Procedure

1. Replace brake booster.
 - i** Model 164: For basic data, see AR43.10-P-0350GZ.
 - i** Model 251: For basic data, see AR43.10-P-0350RT.
 - i** The BAS diaphragm travel sensor **must** be reused.
2. Modify the BAS diaphragm travel sensor of the old brake booster for the new brake booster in the removed status.
 - i** Model 164: For basic data, see AR42.31-P-6002GZ.
 - i** Model 251: For basic data, see AR42.31-P-6002RT.
3. Check for correct function of brake lights.
4. Install pedal conversion small parts kit A 251 290 00 00.
 - i** The pedal conversion small parts kit consists of the separate parts bushing, fit bolt and retainer.
5. Read out serial number (figure 2) using the **Mercedes-Benz PartScan** app.
 - i** The serial number is automatically entered in VeDoc. Verify the VIN reads from the vehicle correctly.



Figure 2

- i** To prepare for the work procedure, the **Mercedes-Benz PartScan** app must be installed on an Apple® iPhone® or Android® smartphone.
- i** A mobile Internet connection is required for installing and transmitting the data.
- i** Download the app from the Apple® Store for iPhone® or Google® Play for Android® (download is similar to other apps).
 After downloading, a one-time login authentication must be performed via an encrypted QR code (follow instructions on screen). The required QR code (figure 1) can be scanned here from the work instructions. Ensure that only authorized workshop personnel have access to the QR code!

i If the PartScan app cannot be used, a **VeDoc XSF ticket** must be opened to document the new Brake Booster Serial Number. Include a **picture of the Serial Number** in the VeDoc XSF ticket and note the XSF ticket number on the workshop order.

The use of the **Mercedes-Benz PartScan** app is recommended to simplify redocumentation and avoid input errors.

i In the case of a redocumentation with the Mercedes-Benz PartScan app, no additional documentation must be carried out in VeDoc.



Figure 1 (QR code)

Primary Parts Information

i Please refer to FAQ's for part ordering process

Qty.	Part Name	Part Number
1	Brake booster	A 251 430 00 00
1	Pedal conversion kit	A 251 290 00 00
As required	Brake fluid	*

* The replacement parts must be determined according to the equipment variant for the vehicle identification number via the parts process in the Xentry Portal.

i Small parts such as screws/bolts, 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 When replacing the brake booster, the pedal conversion small parts kit A 251 290 00 00 must always be ordered.

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.)
42 900 08	02-0253	Replace brake unit (after check) Model 164 Includes: Modify travel sensor for brake unit, as well as bushing, fit bolt and retainer and bleed brake system	2.1
	02-0253	Replace brake unit (after check) Model 251 Includes: Modify travel sensor for brake unit, as well as bushing, fit bolt and retainer and bleed brake system	2.4

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