

# Recall Campaign Bulletin



Mercedes-Benz

Campaign No. 2022040017, June 2022

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model GLE-Class and GLS-Class (167 platform)**  
**Model Year 2020-2022**

## **Check the 48V Ground Connection**

Mercedes-Benz AG (“MBAG”), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year (“MY”) 2020-2022 GLE-Class and GLS-Class (167 platform) vehicles, the 48V ground connection located under the front passenger seat might not be tightened to the specified torque. In this case, the ground cable lug might not be correctly secured. Subsequently, the electrical resistance at the connection might increase. In combination with the high electrical currents potentially flowing through this connection, the temperature in this area might increase. As a consequence, a risk of fire cannot be ruled out. When the issue occurs, warning messages are displayed in the instrument cluster relating to the 48V onboard power supply. An authorized Mercedes-Benz dealer will inspect the ground connection torque on the affected vehicles and replace the wiring harness as necessary.

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 21,306 vehicles are affected.

Order No. P-RC-2022040017

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

Recall Campaign Bulletin

Recall Campaign Bulletin

Recall Campaign Bulletin

Recall Campaign Bulletin

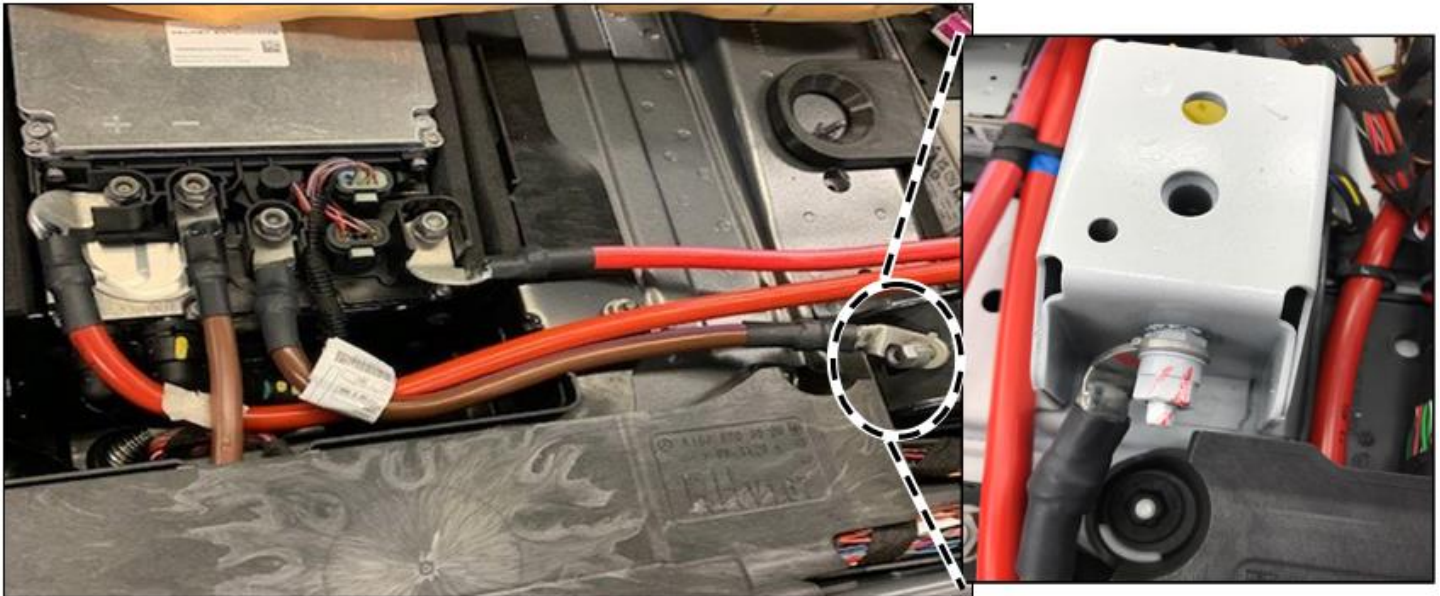
Recall Campaign Bulletin

**Check threaded connection of electrical wiring harness of 48 V on-board electrical system battery to body, replace wiring harness if necessary**

---

**Check/test procedure**

1. Release right front seat and tilt forward.
  - i** The front seat remains in the vehicle with connected wiring harness.
  - i** For basic data, see AR91.10-P-1000ME.
2. Remove trim from right rear entrance.
  - i** For basic data, see AR68.30-P-4100ME.
3. Loosen trim at right front entrance in area of lower right B-pillar trim.
  - i** For basic data, see AR68.30-P-4100ME.
4. Remove trim of lower right B-pillar.
  - i** For basic data, see AR68.30-P-4700ME.
  - i** The upper B-pillar trim is only loosened and remains in the vehicle with connected lines.
5. Expose right rear floor covering to the extent that the "W106/1" ground point is accessible for the electrical wiring harness of the 48 V on-board electrical system battery (**Figure 1**).
  - i** For basic data, see AR68.80-P-0003ME.
6. Disconnect ground line from 12 V on-board electrical system battery.
  - i** For basic data, see AR54.10-P-0003ME.
7. Disconnect and check threaded connection of the electrical wiring harness of 48 V on-board electrical system battery of "W106/1" ground point on the body (**Figures 1 and 2**).
  - i** Ensure there are no traces of thermal overload, arching, or scaling.
  - i** Figure 2 is showing an image that is **not** OK!



**Figure 1**



Figure 1 (not OK image)

- a. If **traces of debris/arching** are **present** on the wiring harness to "W106/1" ground point: :  
Carry out **work procedures A and B**.
- b. If **traces of debris/arching** are **not** present on the wiring harness to "W106/1" ground point:  
Carry out **work procedure B**.

#### Work procedure A

1. Replace the electrical wiring harness from the "W106/1" ground point to 48 V on-board electrical system battery.
  - i** Thoroughly clean area of debris/arching traces.
  - i** If the ground bolt also shows signs of arching or damage, the ground bolt must be replaced.
  - i** If traces of arching or damage are present at the surrounding component parts, such as the floor covering, these component parts must be replaced.

#### Work procedure B

1. Connect electrical wiring harness of the 48 V on-board electrical system battery to "W106/1" ground point.
  - i** Torque of the electrical wiring harness "W106/1" ground point threaded connection **Nm** 16!
  - i** During installation of the electrical wiring harness to the "W106/1" ground point, a clean contact surface of the cable lug from the electrical wiring harness and the "W106/1" ground point shall be ensured.
2. Assemble in reverse order.
3. Connect XENTRY Diagnosis.
4. Erase fault memory.
5. Disconnect XENTRY Diagnosis.

### Primary Parts Information

Qty.	Part Name	Part Number
As required (1)	Wiring harness	A 167 540 19 08

\* 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, 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.)
54 918 07	02-0363	Check threaded connection of electrical wiring harness of 48 V on-board electrical system battery <b>Includes:</b> Disconnect/connect the ground line of the 12 V on-board electrical system battery, unfasten/fasten the front seat; unfasten/fasten and expose right rear floor covering	1.0
	02-0364	Replace the wiring harness for the 48 V on-board electrical system battery (after check)	ZM
	02-0365	Correct torque of threaded connection of electrical wiring harness of 48 V on-board electrical system battery (after check) <b>Includes:</b> Clear fault memory	0.1
	02-0361	Replace affected component part (weld stud, carpet) (after check)	ZM
	02-4762*	Connect/disconnect diagnostic system (XENTRY Diagnosis)	0.1
	02-5058*	Connect/disconnect starter battery charger (with XENTRY Diagnosis connected)	0.1

\* Operation item may only be invoiced once for each workshop order!

**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.