

# Recall Campaign Bulletin



Campaign No. 2024040002, April 2024

Revision A: 9/6/2024

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model GLE/GLS (167 platform)**  
**Model Year 2019 – 2024**

## **Check 48V Ground Connection on Passenger Seat**

Mercedes-Benz AG, the manufacturer of Mercedes-Benz vehicles, has determined that on certain MY 2019-2024 GLE and GLS (167 platform) vehicles, the 48V ground connection under the passenger seat might have become loose. In this case, the ground cable lug would not be secured correctly. Subsequently, the electric resistance of 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 completely. An authorized Mercedes-Benz dealer will check the bolting of the ground connection on the affected vehicles and correct it, if necessary.

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 116,020 vehicles are affected.

Order No. P-RC-2024040002

# Recall Campaign Bulletin

## Check 48V Ground Connection on Passenger Seat

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### Modification note:

- Parts table expanded and note for parts determination added

### Check/Test Procedure




1. Place vehicle key outside of radio range.
2. Unscrew front passenger seat and tilt forward slightly (**Figure 1**).
  -  Screw, front seat to vehicle floor: **50 Nm**.
  -  The front seat remains in the vehicle with the wiring harness connected.
  -  For basic data, see **AR91.10-P-1000ME**.



Figure 1

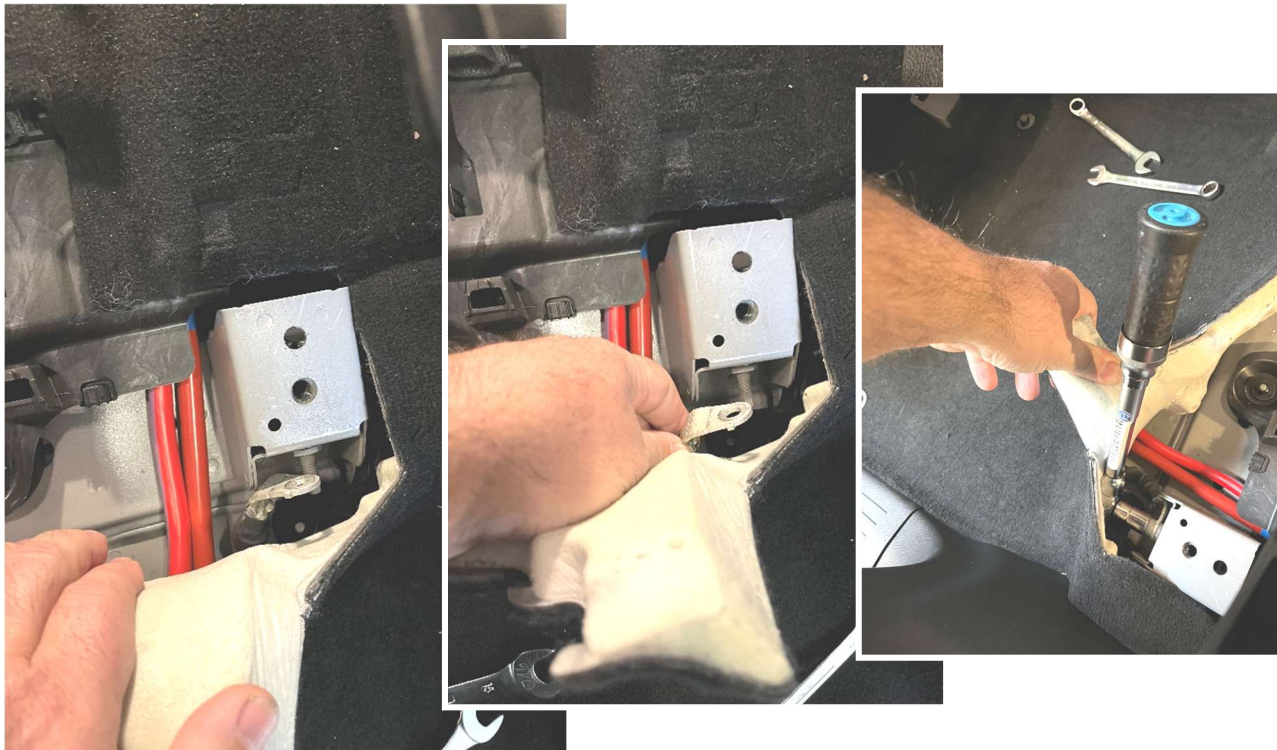
3. Lift floor covering above ground point "W106/1" (**Figure 2, A**) for 48 V on-board electrical system battery.



**Figure 2**

4. Disconnect and check screw connection of electrical wiring harness of 48 V on-board electrical system battery of "W106/1" ground point on body (**Figure 3**).

- i** Ensure 12 V on-board electrical system battery ground is still disconnected!
- i** Inspect ground connection for traces of thermal overload or damage (**Figure 4**).



**Figure 3**





Figure 4 (not OK image)

- a. If **traces of thermal overload or damage** are **present** on the wiring harness at the "W106/1" ground point:  
Carry out **Work Procedures A and B**.  
*NOTE: Capture photos of the damage present on the wiring harness to be included in Warranty claim*
- b. If **traces of thermal overload or damage** are **not present** on the wiring harness at the "W106/1" ground point:  
Carry out **Work Procedure B**.

### **Work Procedure A**

1. Replace electrical wiring harness from "W106/1" ground point to 48 V on-board electrical system battery (**Figure 5**).



Thoroughly clean area affected by thermal overload or damage.



If the ground bolt also displays traces of thermal overload or damage, the ground bolt must be replaced.



See **AR60.00-P-0100A** "Attach ground point to body" (please take the bolt part number from here).



If traces of thermal overload or damage are present on the surrounding component parts, such as the floor covering, these component parts must be replaced.

*NOTE: Capture photos of damaged component parts to be included in Warranty claim*

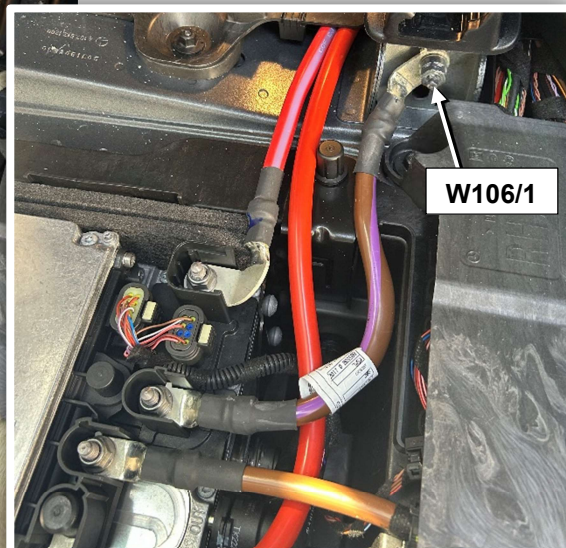





Figure 5


## **Work Procedure B**


1. Connect electrical wiring harness of 48 V on-board electrical system battery to "W106/1" ground point.
  -  Torque of screw connection, electrical wiring harness to "W106/1" ground point: **20 Nm**.
  -  Torque of screw connection, ground harness to 48 V on-board electrical system battery: **16 Nm**.
  -  During installation of the electrical wiring harness to the "W106/1" ground point, ensure the contact surface is clean and free of damage at connection points.
2. Assemble in reverse order.
3. Connect XENTRY Diagnosis.
4. Perform quick test and clear fault memory.
5. Disconnect XENTRY Diagnosis.

### Primary Parts Information

Qty.	Part Name	Part Number
As required (1)	Wiring Harness	A 167 540 19 08*
As required (1)	Wiring Harness	A 167 540 37 20*

\* Determine the required wiring harness for the vehicle identification number (VIN) in XENTRY Portal Parts Information > Design group 54 > Sub-group 545 – Frame Floor Unit Main Cable Harness > Image number 820.

 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.


 **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.)
91 901 01	12-2085	Check screw connection of electrical wiring harness of 48 V on-board electrical system battery <b>Includes:</b> Unfasten/fasten front seat, lift floor covering above ground point W106/1, and carry out <b>Work Procedure B</b> with quick test.	0.6
	12-2086**	Replace wiring harness for 48 V on-board electrical system battery (after check)	ZM
	12-2087**	Replace affected component part (after check)	ZM
	02-5058*	Connect/disconnect starter battery charger (with XENTRY Diagnosis connected)	0.1

\* Invoice operation item only once for each workshop order.

\*\* Claims requiring pictures per respective OP-Code will be subject to denial

 **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.

**i** The following step applies to California dealers only.

Apply Proof of Correction Label (**A 000 584 54 13**) to area identified in **Figure 1**. Fill in the blank areas of the label. The “**Campaign No.**” for the California Proof of Correction is unique and must be entered as such (**24V207**), your “**Dealer Code**”, and the “**Date**” of the repair, using a black permanent marker.

**i** Note: Clean bonding surface prior to affixing label.



**Figure 1**

**i** The following step applies to California dealers only.

Provide the owner with the completed and signed Proof of Correction Certificate (**A 000 584 42 14**) (**Figure 2**), after you scan a completed form and attach to the RO. The recall number for the California Proof of Correction Certificate is unique and must be entered as such (**24V207**).

Vehicle Emission Recall - Proof of Correction				
License Number	Make	Year Model	Body Type	Vehicle Identification Number
Manufacturer		Recall Number		
The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.				
Dealer's Name		Address, City, State and Zip		
Date	Dealership's Authorized Signature			
	X			
Please use California Campaign Number as mentioned in the work instructions.				
Return this certificate to DMV <u>only</u> when required - otherwise retain for your records.				

**Figure 2**

### California Proof of Correction Parts Information

Qty.	Part Name	Part Number
1	Proof of Correction Certificate (CA Dealers Only)	A 000 584 42 14
1	Proof of Correction Label (CA Dealers Only)	A 000 584 54 13

**Warranty Information** (California dealers please submit claim on a separate line of the same RO as the campaign)

Damage Code	Operation Number	Description	Labor Time (hrs.)
212CA 00	02-0001	Apply Proof of Correction Label and completed Proof of Correction Certificate	0.1