

TO: Mercedes-Benz Dealer Principals, General Managers, Sales Managers, Service Managers, Parts Managers	FROM: Gregory Gunther, Department Manager, Vehicle Compliance and Analysis, Engineering Services
RE: Recall Campaign Launch Notification Check the 48V Ground Connection MY20-22 GLE-Class and GLS-Class (167 platform)	DATE: 6/10/2022

IMPORTANT RECALL CAMPAIGN UPDATE

Please see the attached documents related to the campaign listed above.

Please note that all customer inquiries should be directed to the Customer Assistance Center at 1-800-FOR-MERCEDES.

Sincerely,

Gregory Gunther

Department Manager, Vehicle Compliance & Analysis



Recall Campaign Launch Notification			June 10, 2022
Campaign No. :	NHTSA ID	Campaign Desc. :	Check 48V Ground Connection
2022040017	22V231	22P5491807	
<p>This is to notify you of the Recall Campaign Launch to check the 48V ground connection on 21,306 Model Year (“MY”) 2020-2022 GLE-Class and GLS-Class (167 platform) vehicles. The recall campaign will be visible on the www.safercar.gov website and may generate questions from customers. Affected VINs will be flagged in VMI as “OPEN” on June 10, 2022.</p>			
Background			
Issue	<p>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.</p>		
What We’re Doing	<p>MBUSA will conduct a voluntary recall. An authorized Mercedes-Benz dealer will inspect the ground connection torque on the affected vehicles and replace the wiring harness as necessary</p>		
Parts	<p>The remedy is available and can be performed. Please note that the estimated replacement rate is 3%. Parts should only be ordered in the event a replacement is required.</p>		
Vehicles Affected			
Vehicle Model Year(s)	2020-2022		
Vehicle Model	GLE-Class and GLS-Class		
Vehicle Populations			
Total Recall Population	21,306		
Total Vehicles in Dealer Inventory	4		
<p>Given this notice, it is <u>a violation of Federal law</u> for a dealer to sell or lease any <u>new MY20-22 GLE-Class and GLS-Class vehicles in dealer inventory covered by this notification until the vehicle has been repaired. Once the remedy is available, the vehicles will be flagged as “OPEN” and Work Instructions will be available in Xentry. Once the repair is complete, the vehicle may be sold or leased.</u></p> <p>Loaner and demonstrator vehicles may continue to be driven, but must not be retailed until repaired. As a matter of normal service process, please check for other repair measures which might be applicable to the vehicle(s).</p> <p>Additionally, given this notice, it is <u>a violation of Federal Law for car rental companies</u> to rent MY20-22 GLE-Class and GLS-Class vehicles covered by this notification until the vehicle has been repaired.</p>			
Next Steps/Notes			
Customer Notification Timeline	Customer letters will be mailed on 6/24/2022.		
AOMS/SOMS	AOMs – This recall may generate questions from your dealers. Please forward this notice to your dealers ASAP.		
Rental Fleet Partners	This recall may affect vehicles in your fleet. Please contact your respective MBUSA fleet representative for further information and next steps. For repairs, please contact your preferred MBUSA dealer.		
<p>While we regret any inconvenience this may cause, MBUSA is determined to maintain a high level of vehicle quality and customer satisfaction. Please refer all customer inquiries to the Customer Assistance Center at 1-800-FOR-MERCEDES.</p>			



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

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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!

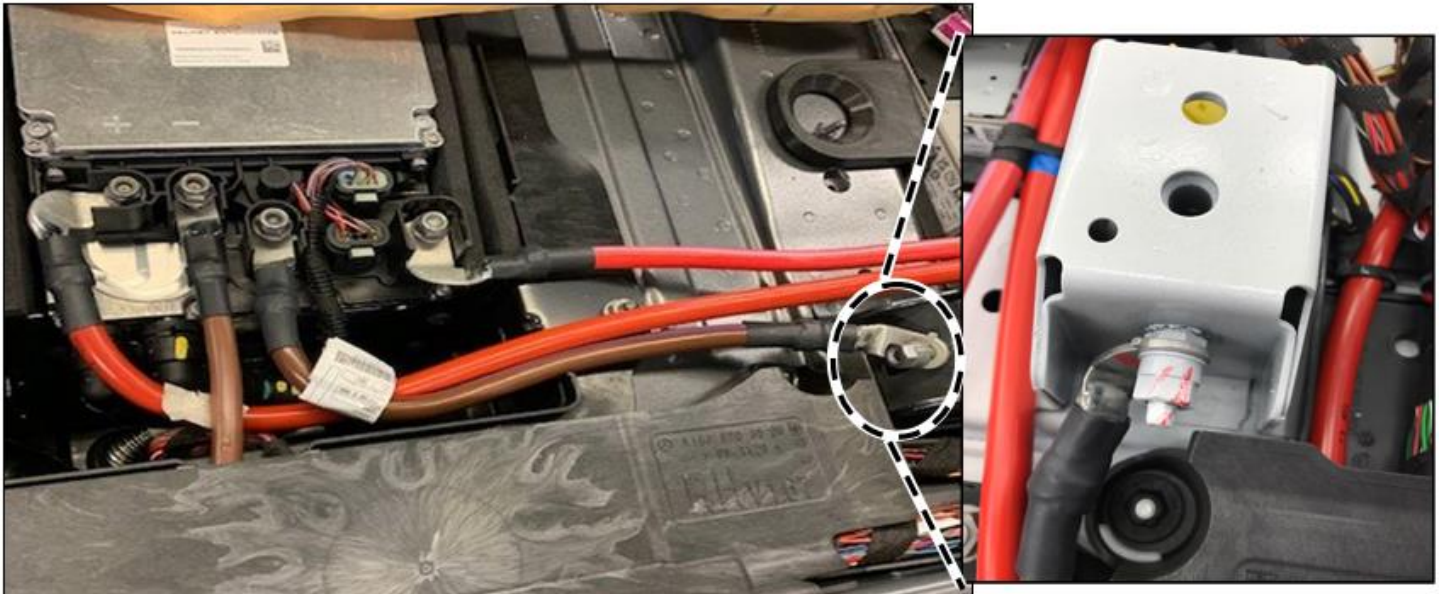


Figure 1



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 Includes: 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) Includes: 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.