

G1/3 (LIB48_222): B183319 after software update

Topic number	LI54.10-P-079772
Version	3
Function group	54.10 - Battery, power supply, voltage converter
Date	9/16/25
Validity	Model series 213, 167, 257, 238, 290 with equipment code B01
Reason for change	Campaign added

Complaint

After a software update from campaign 2025050001 of component LIB48_222 - G1/3 (48 V on-board electrical system battery) from software release A 000 902 50 48 to software release A 000 902 15 89, the fault code B183319 may be output.

B183319 "The battery for the 48V on-board electrical system has a malfunction. The limit value for current has been exceeded"

Cause

Anomaly in the software update

Remedy

Please perform the following steps in the specified sequence:

- 1.) Delete fault codes
- 2.) Disconnect XENTRY Diagnosis and the 12 V battery charger
- 3.) Disconnect ground cable from the 12 V battery
- 4.) Ensure bus idle for at least 10 minutes
- 5.) Re-connect ground cable to the 12 V battery
- 6.) Delete fault codes again
- 7.) Perform a test drive
- 8.) Check fault codes

> If fault code B183319 is still current, continue with the guided fault analysis in XENTRY Diagnosis.

> If fault code B183319 goes to stored and can be cleared, no further action is required.

Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply warranty coverage. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

Symptoms
Overall vehicle > Power supply > Battery/On-board electrical system > Battery/on-board electrical system indicator lamp > Battery charge indicator/consumer shutoff > Illuminates white
Overall vehicle > Networking > Diagnosis/software > Software update (add-on)
Overall vehicle > Networking > Diagnosis/software > Current problems

Control unit/fault code	
Control unit	Fault text
N83/1 - DC/DC converter (DDW) (DCDC48_222)	B183319 - The battery for the 48V on-board electrical system has a malfunction. The limit value for current has been exceeded. (LIB48_222)

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
		H	540HY	