

Charging problem with instrument cluster message and FC P0CFE00

Topic number	LI47.70-P-076030
Version	7
Function group	47.70 - Powertrain energy supply
Date	1/9/26
Validity	Models 206 and 223 with ME10; model 243 with engine M780
Reason for change	Availability for models 206 and 223 updated: rescheduled from 11/25 to 1/26

Complaint

After the charging process is complete, an instrument cluster message with a charging error appears and FC P0CFE00 is stored in control unit "N83 - AC charger for high-voltage battery (SG-LG)".

The instrument cluster message and the FC memory entry can also appear at the beginning of the charging pause during delayed charging.

Both only occur in combination with active pre-entry climate control.

Cause

Software in control unit "N83 - AC charger for high-voltage battery (SG-LG)".

Remedy

For model series 206 and 223 with code 802:

Perform SCN coding in control unit "N83 - AC charger for high-voltage battery (SG-LG)".

Please do not replace any parts even if the FC P0CFE00 coding continues to appear after successfully completing this step.

A new software fix is currently in development and will likely be published in 01/2026.

Replacing parts will not remedy the issue.

For model series 243:

The correction is already available.

Perform a software update and SCN coding for the control units "N116/5 - Direct current charging connection unit (DCCU)" and "N83/11 - AC charger for high-voltage battery (SG-LG)" in order to remedy the problem.

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

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Symptoms
Overall vehicle > Power supply > High-voltage on-board electrical system > Charging > Domestic power outlet (Mode2/Level1) > Aborts
Overall vehicle > Power supply > High-voltage on-board electrical system > Charging > Wallbox (Mode3/Level2) > Aborts
Overall vehicle > Power supply > High-voltage on-board electrical system > Charging > Charging pillar (Mode3/Level2) > Aborts

Control unit/fault code	
Control unit	Fault text
N83 - AC charger for high-voltage battery (SG-LG) (OB-L223_GEN4)	P0CFE00 - The internal switch for starting the charging process of the on-board charger does not open. _

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