

Charging problem with instrument cluster message and FC P0CFE00

Topic number	LI47.70-P-076030
Version	4
Function group	47.70 - Powertrain energy supply
Date	9/11/25
Validity	Model 206/223 with ME10 Model 243 with engine M780
Reason for change	Adapt remedy

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 fault message and the fault 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 167, 214, 254 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 is currently in development and will become available in 11/2025.

Replacing parts will not remedy the issue.

For model series 243: The correction is already available.

Please inform the workshop to 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

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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