Charging fault - P292900 or P0AE173

Topic number	LI54.10-P-080684
Version	3
Function group	54.10 - Battery, power supply, voltage converter
Date	9/16/26
Validity	Model 465.600
Reason for change	FC description added for better understanding.

Complaint

When disconnecting or connecting the charging connector, the charging socket flashes red and red warning messages are displayed in the instrument cluster. Immediately after that, neither driving nor charging is possible.

Cause

P292900: Contact 'Negative terminal' of contactor B in the high-voltage battery is jammed closed

If the charging cable connector is removed approximately 5 to 7 seconds after the charging process has ended, a fault is triggered.

Remedy

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If this fault occurs, please follow these steps:

1) Wait for bus idle -> driving should be possible again. Note: Charging is still not possible. The fault will keep recurring as long as the fault is stored in the fault memory.

2) Plug in charging cable and check if fault (P292900 or P0AE173) is active. Clear active fault. Charging should be possible after the fault has been cleared.

To prevent the fault from recurring, after the charging process has ended, wait at least 15 seconds before disconnecting the AC charging cable connector.

Please create a TIPS case including quick test and HV control module log.

Disclaimer

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Symptoms

Overall vehicle **>** Power supply **>** Battery/On-board electrical system **>** Battery/on-board electrical system indicator lamp **>** Battery charge indicator/consumer shutoff **>** Illuminates red
Overall vehicle **>** Power supply **>** High-voltage on-board electrical system **>** High-voltage battery **>** Display message
Overall vehicle **>** Power supply **>** High-voltage on-board electrical system **>** Charging **>** Charging socket **>** Red LED lights up
Power generation **>** Engine management **>** Function **>** Electric drive does not start

Control unit/fault code

Control unit	Fault text

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N82/9 - Battery management system (BMS) / (BMS465)	**P0AE173** - The switch 'Precharging' in the hybrid/high-voltage battery module has an electrical fault. The actuator does not open. **P292900** - Contact 'Negative terminal' of contactor B in the high-voltage battery is jammed closed. _
N127 - Control unit "Drivetrain" (PTCU) / (CPC3)	**P154B00** - There is a warning due to a stuck contactor. _

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