

Vehicle does not start

Topic number	LI54.00-P-067822
Version	4
Function group	54.00 General
Date	11-16-2018
Validity	453 (smart electric drive)
Reason for change	Software for power electronics control unit N129/1 available
Reason for block	

Complaint:

Vehicle does not start and 12 V battery sufficiently charged.

HV fault message (see attachment) in instrument cluster.

After bus idle, the fault is no longer reproducible.

The DTCs P082062 / P082019 is logged in the power electronics (PE) CU N129 / 1.

Attachments	
File	Description
Bild vom Ki e smart.jpg	IC warning message 1
Bild vom Ki e.jpg	IC warning message 2

Cause:

Possible software error in power electronics CU N129/1.

Remedy:

Update software in power electronics control unit N129/1.

Symptoms
Power generation / Engine management / Engine start/stop / Does not start
Overall vehicle / Power supply / High-voltage on-board electrical system / High-voltage battery / Malfunction
Overall vehicle / Power supply / High-voltage on-board electrical system / High-voltage battery / Display message

Attachments

Bild vom Ki e smart.jpg:



 Red warning lamp lights up.

Stop Switch Off
Motor appears.

High-voltage electrical system, engine or high-voltage battery is malfunctioning.

- ▶ Switch off the engine.
- ▶ Do not drive on.
- ▶ Consult a qualified specialist workshop.
- ▶ Do not tow away the vehicle on its own wheels.

Bild vom Ki e.jpg:



lights up.
Do Not Tow Vehicle
with Wheels on
Ground appears.

Drive system or high-voltage electrical system is malfunctioning.

- Have the vehicle transported by a qualified specialist workshop.
- Do not tow away the vehicle on its own wheels.