

E-Hybrid OBC Fault B200000 DTC E11C11 "Function restriction"

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Cayenne	2021	E-Hybrid and Turbo S E-Hybrid, All Variants	N/A	KB2 - 7.2 kW On-board Charger
Panamera	2021	E-Hybrid and Turbo S E-Hybrid, All Variants	N/A	KB2 - 7.2 kW On-board Charger

Revision History

Revision	Release Date	Changes
0	February 16, 2022	Original document
1	April 29, 2022	Content update
2	June 30, 2022	Update of Technical Background & Service Information
3	September 13, 2022	Update of Service Information

Condition

The customer reports the Check Engine Light (CEL) / Malfunction Indicator Light (MIL) is illuminated. The complaint may follow HV Battery charging. The 7.2 kW On-Board Charger (OBC) has stored Fault Code B200000, DTC E11C11 "Function restriction" (Figure 1).



Figure 1

Technical Background

Disturbances in the electrical infrastructure and/or charging hardware are detected as an internal fault in the OBC. This can lead to repeat occurrences of the condition in affected vehicles. Charging of the high-voltage battery is no longer possible with this fault code present. This topic is currently under analysis for the affected vehicles.

Service Information

If the OBC software is already updated to software version 1183, then the OBC will require replacement to clear the MIL and restore full vehicle operation.

If the OBC software in an affected vehicle is 1177, then the OBC can be reprogrammed using **PT3G v40.900.050 (or higher) and a campaign code input via Additional Menu [F7] --> Campaign.**

Campaign Code **E3S3U** (re)programs software version 1183 in subject Cayenne E-Hybrid OBCs.

Campaign Code **G2S3U** (re)programs software version 1183 in subject Panamera E-Hybrid OBCs.

Following reprogramming of the OBC, erase all fault codes and verify normal vehicle operation.

OBC software version 1183 is also prescribed to remedy an error in software version 1177 that causes Fault Code U112100 DTC D1211D "Data bus - missing message".

Please refer to *Technical Information (TI) Group 2 95/22, "Charging of the High-Voltage Battery Not Possible or Faulty, Error Messages AfterCharging: Re-Program High-Voltage Charger (OBC) Control Unit"* for information specific to that fault code.

Customers affected by this topic are encouraged to evaluate and modify their charging habits (for example, use a different electrical receptacle, a different circuit, or different charging hardware).

Warranty

Please document customer complaint cases and attach vehicle analysis logs to corresponding complaint lines in PCSS/PQIS.

Cause location: 27970 High-voltage charger

Cause symptom: 1134 Programming Error

Search Items

E-hybrid, Cayenne, Panamera, OBC, B200000, function restriction, E11C11

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