

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

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).

The screenshot shows a diagnostic tool interface for a 'High-voltage charger (7.2 kW – 16 P)'. It displays the fault code B200000, software version 1177, and hardware H36. Under 'ECU information', it lists 'Software version' as 1177 and 'System' as OBC KOSTAL. Under 'Fault codes', it lists 'B200000 - Function restriction' and 'Fault' as E11C11.

High-voltage charger (7.2 kW – 16 P)		fault code: B200000	Software: 1177	Hardware: H36
ECU information				
Software version	1177			
System	OBC KOSTAL			
Fault codes				
B200000 - Function restriction				
Fault	E11C11			

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 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 After Charging: Re-Program High-Voltage Charger (OBC) Control Unit"* for information specific to that fault code.

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.

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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