

Y1A Taycan

On Board Charger (OBC) Fault P31D200 “Charging Socket – Overtemperature”

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Taycan	As of 2020 up to 2022	Y1A	N/A	N/A

Revision History

Revision	Release Date	Changes
0	April 5, 2021	Original document
1	October 13, 2021	Extension of Model Year

Condition

The customer reports that the vehicle intermittently stops charging while using the Porsche Mobile Charger Connect and associated cables. The workshop is able to confirm this condition using the customer’s charging hardware, and the On Board Charger (OBC) has stored fault code P31D200 “Charging socket – overtemperature”.

The screenshot shows a diagnostic tool interface for a 'High-voltage AC charger (11 kW - 16 B)' with fault code P31D200. The 'Fault codes' section lists 'P31D200 - Charging socket - overtemperature'. Below this, a table of parameters is displayed:

Parameter	Value
Fault	E1140C
Hinweis_Prio	4
Fault status	Passive
12_Fault status – last test cycle	Passive
16_Fault detected in current operating cycle	No
Pending DTC	Malfunction in current or last driving cycle detected
11_Fault status – current test cycle	active
15_Diagnostics since fault memory was last cleared	locked
17_Fault detected since fault memory was last cleared	Yes
14_Diagnostics in current operating cycle	locked
13_Fault display in the instrument cluster	Off

Figure 1

Technical Background

This topic remains under investigation. This document will be updated with additional information when available.

Service Information

It is recommended to check the temperature of the customer's charging hardware while charging a Taycan for at least 1 hour. Pay close attention to the temperature of the charging handle & plug connector of the customer-supplied vehicle cable.

Monitor the temperature of the vehicle cable, the charge port and associated hardware and compare to another known-good set of charging cables used in similar conditions.

Check if high temperatures at the vehicle cable charge handle follow the vehicle cable by charging another vehicle using the same hardware.

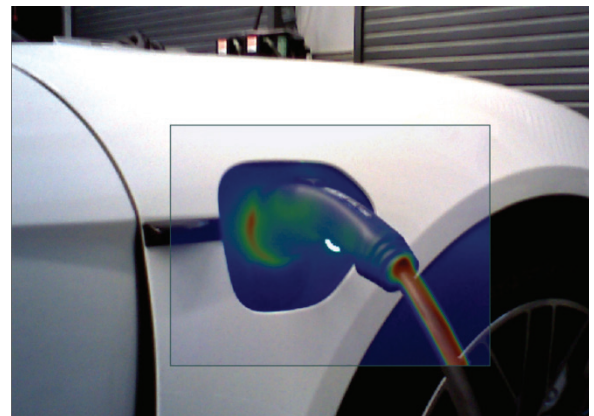


Figure 2

This topic remains under investigation. This document will be updated with additional information when available.

Warranty

Warranty work should be documented per standard policies and procedures.

Search Items

Mobile charger connect, PMCC, EVSE, charger, on board charger, OBC, socket, temperature, P31D200

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