

Porsche Mobile Charger Plus Supply Cable Initialization Failure

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Taycan	As of 2020	Y1A, Y1B, Y1C	N/A	N/A
Panamera	As of 2018	971	N/A	E-Hybrid Variants
Cayenne	As of 2019	9YA, 9YB	N/A	E-Hybrid Variants

Revision History

Revision	Release Date	Changes
0	October 30, 2024	Original document

Condition

The Porsche Mobile Charger Plus (PMC+) can fail to read a new temperature-sensing NEMA supply cable after updating to SW level 3000.

Fault codes are stored in the device fault memory when scanned for fault codes with the PIWIS Tester.

B105000_FF000A Universal charging cable -function restriction due to overtemperature

U10DA00_FF000E Electrical system connection cable – coding invalid

This condition can occur on all NEMA variants of temperature sensing 250V cables and displays in two phases immediately after plugging into the power outlet. Note that this will occur before the charger is connected to a vehicle.

Phase 1: (~20 seconds)

The uppermost Charge Status LED illuminates solid white, while the top “House” LED will illuminate solid yellow for a few seconds as shown in figure 1.

Phase 2: (indefinite)

The uppermost Charge Status LED illuminates solid red, and the bottom “Charger” icon LED flashes yellow as shown in figure 2 as long the unit remains plugged into an outlet.



Figure 1



Figure 2

Technical Background

A helpful reference table of fault patterns is listed in the Malfunctions section of the Porsche Mobile Charger Plus Operating Instructions. The aforementioned fault pattern is described in the screenshot below.

Malfunctions

Light indicators	Meaning	Remedy
<ul style="list-style-type: none"> ● (⊗) The CHARGE STATUS button lights up red. ● (⊗) The VEHICLE light indicator flashes yellow. 	Invalid CP signal	<ul style="list-style-type: none"> ▶ Pull out and reinsert the power plug.
<ul style="list-style-type: none"> ● (⊗) The CHARGE STATUS button lights up red. ● (⊗) The CHARGER light indicator lights up yellow. 	High temperature	<ul style="list-style-type: none"> ▶ The charger has switched off due to a high temperature. Wait. If applicable, protect the charger from direct sunlight.
<div style="display: flex; align-items: center;"> <div style="font-size: 2em; color: red; margin-right: 10px;">➔</div> <ul style="list-style-type: none"> ● (⊗) The CHARGE STATUS button lights up red. ● (⊗) The CHARGER light indicator flashes yellow. </div>	Unable to read the infrastructure cable or vehicle cable	<ul style="list-style-type: none"> ▶ Pull out and reinsert the power plug.

Advanced Technical Information

Service Information

While the Operating Instructions recommend removing and reinserting the power plug, this does not always remedy the condition. There is currently no known correlation of this condition to supply cable production date. If a PMC+ exhibits the described behavior with a certain supply cable, normal operation cannot be guaranteed with a power supply cable of later production date. Each cable must be physically tested with the customer's PMC+ at the Porsche Center to confirm functionality before returning the PMC+ and new supply cable to the customer.

This condition is not a fault of the temperature-sensing supply cable. New cables that do not work on the affected PMC+ devices demonstrating this condition will work normally on other part number variants with updated software. If the PMC+ continues to display this behavior with all available supply cables after multiple outlet plug-in cycles, it should be replaced.

Documentation and reference information in other systems must be reviewed and understood before diagnosing customer concerns.

- [E-Performance Help & Contact](#) webpage contains media and service information useful to Porsche Centers and customers:
 - Video tutorials
 - [Porsche Charging Hardware Instructions and Installation Manuals](#)
 - Porsche Mobile Charger Connect - Operating instructions (PDF; 1.7 MB)
 - Porsche Mobile Charger Plus - Operating instructions (PDF; 1.4 MB)
 - Porsche Mobile Charger - Operating instructions (PDF; 1.3 MB)
 - Porsche Wall Charger Connect - Operating and Installation Manual (PDF; 1.7 MB)
 - Porsche Wall Charger Connect - Cut Sheet (PDF; 4.7 MB)
 - General Precautions on Charging Hardware Installation (PDF; 6.8 MB)
 - FAQs
- **PCSS**
 - Workshop Manual → Group 99 "Entire Vehicle – General" → 9981 AC charging cable
 - Applies to 2nd-generation Porsche charging hardware
 - Workshop Manual → Group 0 "Entire vehicle – General" → 09 Porsche system components → 0940 High-voltage charging cable
 - Applies to 1st-generation Porsche charging hardware
- **PIWIS Tester** contains diagnostic tools and information for Porsche charging hardware
 - PT4G → Fault finding → Guided fault finding → Model line: External components → Control unit: Universal charging cable → Control unit variant [select the appropriate hardware variant]
 - PT4G → Diagnosis → Manual model line selection → External components → External components with direct connection to the charging hardware in conjunction with Special Tool VAS 611 009

Warranty

For documentation and warranty invoicing, enter the working position and PCSS encryption specified below in the warranty claim:

APOS	Labor operation	I No.
99815505	AC charging cable replace	
99819590	AC charging cable troubleshooting	

PCSS encryption:

Location (FES5)	9981D	Connecting cable infrastructure
Damage type (SA4)	1611	No function

Search Items

Y1A, Taycan, high-voltage battery, Charging, Charging Hardware, Porsche Mobile Charging, PMC, PUC, PMC+, Porsche Mobile Charger Connect, PMCC, Porsche Wall Charger Connect, PWCC

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