

### Porsche Mobile Charger Plus (PMC+) Red LEDs and Fault B191E49

#### Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Cayenne	As of 2019	9YA, 9YB	n/a	All E-Hybrid models
Panamera	As of 2019	971	n/a	All E-Hybrid models
Taycan	As of 2020	Y1A, Y1B, Y1C	n/a	n./a

#### Revision History

Revision	Release Date	Changes
0	July 18, 2023	Original document

#### Condition

Customer complains the Porsche Mobile Charger Plus (PMC+) shows all red LEDs and will not charge a vehicle. The workshop confirms the customer complaint and finds the charger will not charge the vehicle.

Connecting the PMC+ to special tool VAS 611 009 and the PIWIS Tester application Diagnostics --> External Equipment --> Fault Codes reveals **B191E49 (DTC 100102) "Universal charging cable – internal electrical fault"**.

#### Technical Background

The PMC+ performs continuous self-monitoring. If the PMC+ repeatedly detects an issue while charging, then fault B191E49 (DTC 100102) is set as Active. The device then stops charging as a precaution, and all LEDs are illuminated red. The LEDs will remain red – even after unplugging and plugging back in – until the device is reset.

Such issues can be caused by infrastructure problems (e.g. poor ground connection in the home), errors in the On-Board Charger of the vehicle, or internal faults of the PMC+. Therefore, it is recommended to test the PMC+ on multiple circuits and multiple vehicles.



**Service Information**

Refer to the [Porsche Mobile Charger Plus Owner's Manual](#) for information on device operation and Malfunction detection of the PMC+.

Errors can be stored in the charger for various reasons.

- Infrastructure problems (e.g. poor ground connection in the home)
- Faults or issues in the On-Board Charger of the vehicle
- Internal faults of the device itself.

Therefore, it is recommended to test the PMC+ on multiple circuits and multiple vehicles.

1. Connect the PMC+ to the wall outlet and wait approximately 15 seconds for the charger to power up.
2. Cancel the error stored in the device.
  - Press and hold the multifunction button (minimum 2 seconds). All lights should cycle off and back on as the device resets and the error stored in the device is cleared.
3. Check the charger for normal operation; check that the device successfully charges multiple vehicles.
  - If all LEDs again light up red after the reset
    - a. Connect a different supply cable; plug in the device; **reset the device as described in Step 2 above**; check operation.
    - b. Connect the charger and supply cable to another receptacle on a different infrastructure branch circuit; **reset the device as described in Step 2 above**; check operation.
4. If all LEDs light up red following a change of the supply cable and different infrastructure along with a device reset, then the PMC+ will require replacement.

**Warranty**

As always, please document the repair completely in PQIS.

The following PCSS "Cause" Location / Symptom may be used:

Cause Location: 9981G Mobile Charger Plus  
 Cause Symptom: 1611 No Function

The following Labor Operations (LOs) are provided for guidance and may be used depending upon actual work performed: Only actual time elapsed up to a maximum of the referenced TU , verified by a separate identifiable time punch, may be claimed.

99819599 Diagnosis of the PMC+ Up to 50 TU  
 99811999 Replacement of the PMC+ Up to 30 TU

### Search Items

PMC, PMC+, Mobile Charger, Mobile Charger Plus, Charger, EVSE, Taycan, EV, PHEV, ICCPD

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