

## 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                       |
| Macan EV | As of 2024 | XAB           | n/a       | n/a                        |

### Revision History

| Revision | Release Date    | Changes                                             |
|----------|-----------------|-----------------------------------------------------|
| 0        | July 18, 2023   | ▪ Original document                                 |
| 1        | August 20, 2026 | ▪ Update to Affected Vehicles & Service Information |

### 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.
5. For replacements of the PMC+, please replace these with the new Porsche Mobile Charger.  
(Part Number: 9J1.054.413)

---

## Advanced Technical Information

---

**Bulletin #: 2315.1**

Part ID: 9981

9

### 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

---

**Important Notice:** Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

---