

992, 9YA, 95B PCM and Porsche Innodrive Software Temporarily Unavailable

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Macan	2019 - 2021	95B	n/a	n/a
Cayenne	2019 - 2021	9YA, 9YB	n/a	n/a
911	2020 - 2021	992	n/a	n/a

Revision History

Revision	Release Date	Changes
0	August 19, 2022	Original document
1	April 11, 2023	Update of Service Information
2	July 24, 2023	Update of Service Information

Condition

The customer reports one or more of the following issues:

- The PCM continually and sporadically reboots. Sometimes, the screen freezes beforehand and disallows inputs for a time, though audio playback continues. At other times, the screen may shut off and restart suddenly, without warning.
- Porsche Innodrive does not function. The issue is also sporadic and may continue even after a key cycle.

The workshop confirms the customer complaint.

Technical Background

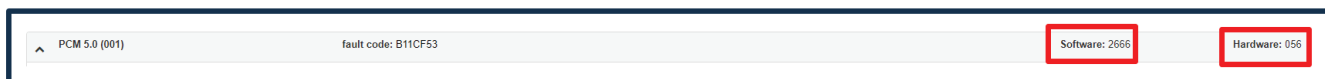
These failures are due to the PCM's memory allocation. The PCM exceeds the allowed allocation for its navigation system and overruns the computer memory, subsequently crashing the whole system. An upgrade of PCM software to version 2865 or higher will permanently solve the issue.

This fault is associated with vehicles that have Cluster 26 PCM software. Check the VAL to ensure this level of software is present before proceeding.

A note about 'Cluster XX' PCM software:

Often Porsche will refer to modern PCM software by its first two characters. These characters identify the family, or cluster, of that software release. For example, Porsche may refer to PCM software version **2865** as **cluster 28** (sometimes designated as **CL28**). The same would apply to software version **2893** and **2812**. All are **cluster 28** or **CL28**. Software **3B05** is **cluster 3B** or **CL3B**.

Service Information



For Cayenne (MY19-21 9YA/B), and Macan II (MY19-21 95B), software version 2865 is only available when installing a new PCM at hardware version 058/059.

For 911 (MY20-21 992), only software version 2872 will solve the issue. This software version is only available with PCM hardware version 061.

After taking a VAL, confirm the HW version to determine applicability and order a new PCM with the latest supersession if necessary. (The new parts have software version 2865 or higher built in from the factory.)

Warranty

As always, be sure to document the repair completely in PQIS. For this repair, please code the "cause" as follows:

Cause location: 91100 Front PCM display and operator control unit
 Cause symptom: 4096 Software cannot be installed/enabled

Also, select the relevant labor operation coding associated with the replacement. These will differ with each model type.

Search Items

PID, Innodrive, reboot, reset, PCM, MIB, CL26, CL28

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.