

PASM CU Programming Issues During WH29 & Potential Warning Faults

Vehicles Affected

Model	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Panamera	2017	971	All	N/A

Revision History

Revision	Release Date	Changes
1	April 20, 2018	Original document

Condition

There are two potential issues related to PASM Control units in the Panamera (971) for which an updated part has been released. One may be experienced by the customer and the other by the workshop.

1. If programming is interrupted while performing the WH29 service action, the control unit may become unresponsive and cannot be communicated with or reprogrammed.
2. Customer report red PASM warning message in the instrument cluster (Fault).
 - a. Diagnosis shows nothing is wrong outside of the control unit.

Technical Background

Porsche has released updated versions of the PASM control unit with improved hardware and firmware to improve the programming stability and reduce the possibility of intermittent warning faults. See part numbers below.

Service Information

Condition 1:

While performing WH29, if the programming is interrupted and the PASM control unit becomes unresponsive and is unable to be programmed or coded, the control unit must be replaced. Replace with the listed latest part number applicable to the vehicle.

Condition 2:

If the customer has complained of the PASM warning message, please follow standard diagnostic procedures to determine if there is a valid issue with the PASM system components. If the system components appear to be functioning properly, check the part number version of the PASM control unit. If it is any of the above listed early versions, replace it with the new revised part number.

Production Solution

Starting in March 2017, new PASM control unit part numbers were released into production and to AfterSales.

The base PASM control unit part number is 971.907.553.

971.907.553.AJ replaces suffixes AA, & AC. This new part number is hardware version H20.



971.907.553.AD replaces suffix AB. This new part number is hardware version H12.



Additional Information

WM 431619 Replacing PASM Control Unit

Search Items

PASM; Air Suspension; control unit; CU; supersession; supersedes

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