Yellow Warning Message "Chassis System Fault" in Instrument Cluster / Fault Memory Entry in the Chassis Control Unit (PASM): Perform System Calibration (108/24)

Model Line: **911 (992)**

Model Year: **As of 2020 up to 2024**

Equipment: Porsche Dynamic Chassis Control **(m. no. 1P7)**

Concerns: **Porsche Dynamic Chassis Control (PDCC)**

Cause: **Customers complain about a yellow warning message "Chassis fault" in the instrument cluster.**
The following fault memory entries are stored in the fault memory of the chassis control unit (PASM):

- C104400 - Basic setting
- C125193 - Display failure roll stabilization

The cause of the complaint is an incomplete system calibration.

Action: In the event of a complaint, recalibrate the height sensor and then carry out the “Commissioning of roll stabilization” procedure in the chassis control unit (PASM).

Information
The system calibration rectifies the complaint.

Replacing components of the Porsche Dynamic Chassis Control (PDCC) is not expedient as this does not involve a hardware defect.

Required Tools

Tools:

- **P90999 - PIWIS Tester 4**
- Battery charger with a current rating of **at least 90 A** and a **current and voltage-controlled charge map** for lithium starter batteries, e.g. **VAS 5908 - battery charger 90A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charging battery and vehicle electrical system'*

Perform system calibration

Information
The PIWIS Tester instructions take precedence and in the event of a discrepancy, these are the instructions that must be followed. A deviation may occur, e.g. with higher PIWIS Tester releases.

Work Procedure: 1 Connect and switch on the battery charger.
⇒*Workshop Manual '270689 Charging battery/vehicle electrical system'*

2 Place the original remote control in the emergency start tray.

3 Connect the **P90999 - PIWIS Tester 4**, switch on ignition and start the diagnostic application.

4 In the Overview of the control units, select the control unit for **“chassis control (PASM)”**.

5 Select the **“Maintenance / repairs”** menu.

6 **If required**: Create the vehicle analysis log.

7 **Calibrate the height sensor** using **P90999 - PIWIS Tester 4**.

7.1 Select **the “Calibration of the height sensor”** function and confirm with • F12 “ (‘Next’).

7.2 Observe preconditions, select all boxes in the **“Status”** column and confirm with • F12 “ (“Continue”).

7.3 Start **“Calibration of the height sensor”** with • F8 “ (“Start”) and follow the menu to perform the calibration.

8 Perform **roll stabilization commissioning** with the **P90999 - PIWIS Tester 4**.

8.1 Select the **'Roll stabilization commissioning'** function and confirm with • F12 “ ('Next').

8.2 Observe preconditions, select all boxes in the **“Status”** column and confirm with • F12 “ (“Continue”).

8.3 Begin **“Start-up of anti-roll stabilization”** with • F8 “ (‘Start’) follow the menu to perform the commissioning.

9 Read out and delete all control unit fault memories.

10 Exit the diagnostic application. Switch off ignition. Disconnect **P90999 - PIWIS Tester 4** from the vehicle.

11 Switch off and disconnect the battery charger.
⇒*Workshop Manual '270689 Charging battery/vehicle electrical system'*

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
43162590	Program control unit for chassis control (without FAP)	
43162591	Program control unit for chassis control (with FAP)	

PCSS encryption:

Location (FES5)	43030	PDCC
Damage type (SA4)	1134	programming error