

Warning Message "Chassis Failed" / Fault Memory Entry "C12EF00" in the Control Unit for Chassis Control (PASM) as Part of the Sales Review (06/25)

Change overview:

Release	Date	Modification
0	03/21/2025	First publication
1	04/17/2025	Procedure modified

Model Line: **911 (992)**

Model Year: **As of 2025**

Concerns: **Control unit for chassis control (PASM)**

Cause: **During the sales review, the lit yellow or red warning message 'Chassis failed' is detected in the instrument cluster.**

The following fault memory entry is stored in the fault memory of the control unit for chassis control (PASM):

- **C12EF00** – New installation detected (030002)



Information

Replacing the control unit for chassis control (PASM) is not expedient for this complaint and does not provide any remedy.

Action: If there is a complaint, perform a calibration of the height sensor and then re-code the chassis control (PASM) control unit using the PIWIS tester.



Information

The minimum requirement for coding is the PIWIS Tester software release **43.200.031** (or higher)

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 90 A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charge battery and vehicle electrical system'*

Re-coding control unit for chassis control (PASM)

- Work Procedure:
- 1 Connect and switch on the battery charger.
For work procedure, see: ⇒ *Workshop Manual '270689 Charge vehicle electrical system battery'*
 - 2 Connect **P90999 - PIWIS Tester 4** to the vehicle and switch on the ignition.
 - 3 Select the **Chassis control (PASM)** control unit in the ("Overview" menu), and confirm with **F12** ("Next").
 - 4 Select the menu "**Maintenance repairs**" then select the "**Height sensor calibration**" function and confirm with **F12** ("Next") and follow the menu.
 - 5 Re-code the control unit for chassis control (PASM).

The basic procedure to follow for control unit coding is described in the Workshop Manual. ⇒ *Workshop Manual '270689 Basic instructions and procedure for control unit programming using the PIWIS Tester'*

Specific information on control unit coding in the context of this Technical Information:

Required PIWIS Tester software release:	43.200.031 (or higher)
Type of control unit coding:	Control unit coding using the ' Automatic coding ' function in the instrument cluster control unit. (PASM).
Coding sequence:	Read and follow the information and instructions on the PIWIS Tester during the guided coding sequence. Do not interrupt the coding process. When coding is complete, the message "Coding has been completed successfully" is displayed and a tick appears in the "Status" box.
Procedure if control unit coding is not successful :	Repeat control unit coding.

- 6 Switch off the ignition and wait approx. 10 seconds before switching it on again.
- 7 Read out and delete all control unit fault memories.
- 8 Exit the diagnostic application, switch off the ignition and disconnect **P90999 - PIWIS Tester 4** from the vehicle.
- 9 Switch off and disconnect the battery charger.
⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
43162540	Re-coding control unit for chassis control (PASM)	

PCSS encryption:

Location (FES5)	43160	Control unit for chassis control
Damage type (SA4)	1134	Programming error

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