

Various Yellow Warning Messages in the Instrument Cluster and Fault Memory Entry "P057200" in the DME Control Unit (93/25)

Model Line: **Cayenne (9YA/9YB)**

Model Year: **As of 2024 up to 2025**

Concerns: **Stop light switch**

Cause: **The customer complains about various yellow warning messages lighting up on the instrument cluster.**
The following fault memory entry is stored in the fault memory of the DME control unit:

- **P057200** - Brake light switch, short circuit to ground (004506)

Cause: When the brake pedal is pressed slightly, disparate braking information may be supplied, which will result in an error message. The distance sensor in the brake booster detects that the brake is pressed, while the brake light switch indicates that the brake is not pressed.



Information

The above-mentioned complaint may be caused by the previous software of the DME control unit. Replacing the brake light switch without first updating to the latest software version of the DME control unit is therefore not expedient.

Action: In the event of a customer complaint **and** fault memory entry "P057200", reprogramme the DME control unit using the Porsche Tester.



Information

The minimum programming requirement is the Porsche Tester software release: **43.600.090** (or higher).

Required tools

- Tools:
- **P90999 - Porsche 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 Charging vehicle electrical system battery'*

Re-programming DME control unit

Work Procedure: 1 Re-program DME control unit.

The basic work procedure for control unit programming is described in the Workshop Manual.
⇒ *Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester'*

Specific information on control unit programming during this action:

Required Porsche Tester software releases:	43.600.090 (or higher)
Type of control unit programming:	Control unit programming using the 'Automatic programming' function of the control unit: Control unit for 'Motor electronics (DME)' – 'Coding / programming' menu – 'Automatic programming' function.
Programming sequence:	Read and follow the information and instructions on the PIWIS Tester during the guided programming sequence. During the programming sequence, the DME control unit is re-programmed first, and then the transmission control unit is re-programmed . Thereafter, both control units are automatically re-coded . Do not interrupt the programming and coding process. Backup documentation for the re-programmed software releases starts after programming.
Programming duration:	Programming takes up to 12 minutes , depending on equipment.
Procedure if error messages appear during the programming sequence:	⇒ <i>Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester'</i>
Procedure in the event of termination of control unit programming:	Repeat control unit programming by restarting programming.

- 2 Read out and delete all control unit fault memories.
- 3 Exit the diagnostic application, switch off the ignition and disconnect **P90999 - Porsche Tester 4** from the vehicle.
- 4 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.
24702549	Re-program DME control unit	

PCSS encryption:

Location (FES5)	94360	Brake light switch
Damage type (SA4)	4013	Short circuit

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