

Yellow "Battery Low" Message or Red "Vehicle Electrical System Faulty" Message/Fault Memory Entry Regarding Battery Sensor "P1D6C00" (25/25)

Change overview

Release	Date	Change
0	09/19/2025	▪ First publication
1	01/16/2026	▪ Software solution added

Vehicle Type: **911 GTS (992)/911 4 GTS (992)**

Model Year: **2025**

Concerns: **Battery sensor**

Information: **The customer complains that the yellow warning message "Battery low" lights up in the instrument cluster; on continuing driving (> 7 km/h (4.35 mph)), this leads to the red warning message "Vehicle electrical system faulty". If thereafter bus idle is restored, the warning message is no longer available.**

The following fault memory entry is stored in the fault memory of the Gateway control unit:

- **P1D6C00** – Battery sensor defective (82000C)

Action: In the event of a customer complaint, re-program the high-voltage battery control unit (BECM) using the Porsche Tester.



Information

The minimum programming requirement is the Porsche Tester software release: **43.800.010** (or higher).

Required tools

- Tools:
- **P90999 - 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-program battery sensor

Work Procedure: 1 Re-program battery sensor.

The basic 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 in the context of this Technical Information:

Required Porsche Tester software release:	43.800.010 (or higher)
Type of control unit programming:	Control unit programming using the ' Campaign ' function in the additional menu on the Porsche Tester by entering a programming code.
Programming code:	B9D9M
Programming sequence:	<p>Read and follow the Porsche Tester information and instructions during the guided programming sequence.</p> <p>During the programming sequence, the control unit is re-programmed and then re-coded automatically.</p> <p>Do not interrupt the programming and coding process.</p> <p>A backup documentation process for the re-programmed software releases starts once programming and coding is complete.</p>
Programming duration:	Programming takes up to 30 minutes , depending on the equipment.
Software programmed during this action:	<p>Battery sensor Software version: 0965 (or higher)</p> <p>Following control unit programming, the software release can be read out from the respective control unit using the Porsche Tester in the menu ⇒ 'Extended identifications'.</p>
Procedure in the event of error messages appearing 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 abnormal termination of control unit programming:	Repeat control unit programming by re-entering the programming code.

- 2 Read out and delete all control unit fault memories.

- 3 Exit the diagnostic application, switch off the ignition and disconnect **P90999 - 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.
90352540	Re-programming gateway control unit	

PCSS encryption:

Location (FES5)	27060	Vehicle electrical system battery
Damage type (SA4)	6047	Diagnostic error

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