

No Vehicle Electrical System Voltage / 12 V Lithium-Ion Vehicle Electrical System Battery Discharged - Unlocking or Starting the Vehicle is Not Possible (SY 36/25)

Change overview

Release	Date	Change
0	05/27/2025	<ul style="list-style-type: none"> First publication
1	09/18/2025	<ul style="list-style-type: none"> 911 GTS (992PA) removed (does not concern this fault type) Tester release adapted Information added under Equipment section Update to Work Procedure section

Model Line: **911 (992)**

Model Year: **As of 2022 up to 2025**

Equipment: Lightweight starter battery (LiFePO4) 60 Ah **(M-No. J2A)**
 Lightweight starter battery (LiFePO4) 40 Ah **(M-No. J2B)**



Information

This bulletin does not apply to vehicles equipped with an AGM 12V battery.

Concerns: **Vehicle electrical system battery**

Symptom: **The customer complains about a de-energized vehicle that cannot be unlocked or otherwise cannot be made ready for driving.**

One of the following fault memory entries can be stored in the fault memory of the Gateway control unit:

- **P1B0200** – "12 Volt battery monitoring, not functioning" **(82000C)**
- **P1D6C00** - "12 Volt battery monitoring, not functioning" **(82000C)**

Cause: The charge state of the 12 Volt vehicle electrical system battery from manufacturer A123 is not calculated correctly over the vehicle's service life, which can result in the described symptom.



Information

Currently, only one temporary remedial action is available that significantly reduces the recurrence of the error.

The final remedial action is currently being worked on.

As soon as the final remedy is available, the present symptom-based repair description (SY) will be adjusted accordingly.

Remedial Action: Fully charge the vehicle electrical system battery until a final remedial action is available as well as in the event of an existing customer complaint **and thereafter** re-program the battery sensor using the PIWIS Tester.

During programming, the existing software for the battery sensor is overwritten with the same software version and the learning values of the battery are reset for a recalculation of the charge state.



Information

The minimum programming requirement is the PIWIS Tester software release: **43.600.020** (or higher).



Information

Replacement of the vehicle electrical system battery does not correct the problem in this complaint and does not provide any remedy.

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 12 Volt lithium-ion vehicle electrical system battery'*

Charge vehicle electrical system battery and then re-program battery sensor (Model Year 2022 - 2024)



Information

The campaign code below must not be used on 911 (992 PA) vehicles or vehicles with an AGM battery, since this can lead to damage to the battery.

On 911 (992 PA) vehicles, re-program the battery sensor via automatic programming.

Work Procedure: 1 **Fully** charge vehicle electrical system battery.
Comply with the work procedure when the deep discharge protection of the 12 Volt lithium-ion vehicle electrical system battery is triggered.
⇒ *Workshop Manual '270689 Charge 12 Volt lithium-ion vehicle electrical system battery'*

2 Re-program battery sensor.

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 s part of this Technical Information:

Required PIWIS Tester software release:	43.600.020 (or higher)
Type of control unit programming:	Control unit programming using the ' Campaign ' function in the additional menu on the PIWIS Tester by entering a programming code.
Programming code:	BDM_992_OW
Programming sequence:	<p>Read and follow the information and instructions on the PIWIS Tester during the guided programming sequence.</p> <p>During the programming sequence, the control unit is re-programmed and then automatically re-coded.</p> <p>Do not interrupt 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 15 minutes , depending on equipment.
Software release programmed during this action:	<p>• Battery sensor Software release: Unchanged</p> <p>Note: During programming, the existing software for the battery sensor is overwritten with the same software version and the learning values of the battery are reset for a recalculation of the charge state.</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 - section on "Troubleshooting"</i> .
Procedure in the event of a cancellation in the control unit programming:	Repeat control unit programming by re-entering the programming code.

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

- 4 Exit the diagnostic application, switch off the ignition and disconnect **P90999 - PIWIS Tester 4** from the vehicle.
- 5 Switch off and disconnect the battery charger.
⇒ *Workshop Manual '270689 Charge 12 Volt lithium-ion vehicle electrical system battery'*

Charge vehicle electrical system battery and then re-program battery sensor (Model Year 2025)

- Work Procedure: 1 **Fully** charge vehicle electrical system battery.
Comply with the work procedure when the deep discharge protection of the 12 Volt lithium-ion vehicle electrical system battery is triggered.
⇒ *Workshop Manual '270689 Charge 12 Volt lithium-ion vehicle electrical system battery'*
- 2 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 during this action:

Required PIWIS Tester software release:	43.600.020 (or higher)
Type of control unit programming:	Control unit programming using the ' Automatic programming ' function of the control unit: "Battery sensor" control unit – " Coding / Programming " menu – " Automatic programming " function.
Programming sequence:	Read and follow the information and instructions of the PIWIS Tester during the guided programming sequence. During the programming sequence, the control unit is re- programmed and then 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 15minutes , depending on equipment.

Software release programmed during this action:	<p>▪ Battery sensor Software release: Unchanged</p> <p>Note: During programming, the existing software for the battery sensor is overwritten with the same software version and the learning values of the battery are reset for a recalculation of the charge state.</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 a cancellation of the control unit programming:	Repeat control unit programming by restarting programming.

- 3 Read out and delete all control unit fault memories.
- 4 Exit the diagnostic application and disconnect **P90999 - PIWIS Tester 4** from the vehicle.
- 5 Switch off and disconnect the battery charger.
⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*

Working position and PCSS encryption

Working position:

APOS	Labor operation	I No.
90352541	Programming Gateway control unit	

PCSS encryption:

Location (FES5)	27060	Vehicle electrical system battery does
Damage type (SA4)	1611	not function

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© 2025 Porsche Cars North America, Inc.