

**Intermittent Failure of Displays in the Instrument Cluster - Re-Programming and Coding the Instrument Cluster (73/24)**

Model Line: **911 (992)**

Model Year: **As of 2022 up to 2024**

Concerns: **Instrument cluster**

Cause: **If there is a very high data load on the instrument cluster due to many simultaneously active processes, e.g. simultaneous utilization of navigation and map view, telephone function, radio and display of active status messages, the displays in the instrument cluster may fail intermittently in very rare cases.**

The tachometer continues to function and relevant warning messages are still displayed.

Action: In the event of a customer complaint, re-program the instrument cluster control unit using the PIWIS Tester.



**Information**

The minimum programming requirement is the PIWIS Tester software release: **42.700.005**

**Required Tools**

- Tools:
- **Battery charger, e.g.: VAS 5906 - Battery charger or VAS 5908 - battery charger 90A**
  - **P90999 - PIWIS Tester 4**

**Re-programming instrument cluster control unit**

Work Procedure: 1 The basic procedure to program a control unit is described in the Workshop Manual ⇒ *Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Programming"*.

**Specific information on control unit programming as part of this Technical Information:**

Required PIWIS Tester test software release:	<b>42.700.005</b> (or higher)
Type of control unit programming:	Control unit programming using the function <b>'Automatic programming'</b> of the instrument cluster control unit:  <b>'Instrument cluster'</b> control unit – <b>'Coding/programming'</b> menu – <b>'Automatic programming'</b> function.

Programming sequence:	<p>Read and follow the <b>information and instructions on the PIWIS Tester</b> during the guided programming sequence.</p> <p>During the programming sequence, the <b>instrument cluster control unit is re-programmed</b> and then <b>automatically re-coded</b>.</p> <p><b>Do not interrupt the programming and coding process.</b></p> <p>Once the control units have been programmed and coded, you will be prompted to switch the ignition off and then back on again after a certain waiting time.</p> <p>Backup documentation of the new software versions is then performed.</p>
Programming time (approx.):	<b>55 – 110 minutes</b>
Data record thus programmed for the instrument cluster control unit:	<p>Software release instrument cluster control unit: <b>0435 (or higher)</b></p> <p>Following control unit programming, the software release can be read out from the relevant control unit using the PIWIS Tester in the menu ⇒ "Incremented identifications".</p>
Procedure if error messages appear during 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 termination in the control unit programming:	Repeat control unit programming by restarting programming.

- 2 Read out and delete all control units fault memory.
  - 2.1 In the control unit selection ('Overview menu') press •F7" to call up the Additional menu.
  - 2.2 Select the "Read all fault memories and delete if necessary" and press •F12" ('Next') to confirm.
- 3 End the diagnostic application. Switch off ignition. Disconnect the Tester from the vehicle.
- 4 Switch off and disconnect the battery charger.

**Labor position and PCSS encryption**

Labor position:

APOS	Labor operation	I No.
90252590	Programming instrument cluster	

PCSS encryption:

Location (FES5)	90250	Instrument cluster
Damage type (SA4)	1134	Programming error

**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.

© 2024 Porsche Cars North America, Inc.