

WPG3 - Re-Programming Instrument Cluster (Workshop Campaign)

Introduction

Important: **CRITICAL WARNING** -This campaign includes steps where control unit(s) in the vehicle will be programmed with the PIWIS Tester. The vehicle voltage must be maintained between 13.5V and 14.5V during this programming. Failure to maintain this voltage could result in damaged control unit(s). Damage caused by inadequate voltage during programming is not a warrantable defect. The technician must verify the actual vehicle voltage in the PIWIS Tester before starting the campaign and also document the actual voltage on the repair order.

Model Year: **As of 2020 up to 2021**

Model Line: **911 (992)**

Concerns: **Instrument cluster control unit**

Cause: **The following complaints may occur on the affected vehicles due to a fault in the software of the instrument cluster control unit:**

- Intermittent failure of the display
- Intermittent failure of the tachometer
- Service interval cannot be coded
- The language selection "French" is not available in the Canadian market

Action: Re-program the instrument cluster control unit with the **latest** PIWIS Tester software version. Minimum requirement: Version **41.900.030**

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information)

Required tools

- Tool:
- **9900 - PIWIS Tester 4**
 - Battery charger with a current rating of **at least 90 A**, e.g. **battery charger 90 A**

Re-programming instrument cluster

Work

Procedure:



Information

Before starting programming, you **must** pay particular attention to the following:

- Set the charging voltage **between 13.5V and 14.5V**.
- Carry out programming in **charging mode**.
- **The PIWIS Tester must not be charged using the cigarette lighter!**

- 1 The basic control unit programming procedure is described in the Workshop Manual ⇒ *Workshop Manual 'Basic Instructions and Procedure for Control Unit Programming Using the PIWIS Tester'*.

For specific information on control unit programming during this campaign, see the table below.

Required PIWIS Tester software version:	41.900.030 (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:	Z7B9G
Programming sequence:	Read and follow the information and instructions on the PIWIS Tester during the guided programming sequence. Do not interrupt programming and coding. A backup documentation process for the re-programmed software versions starts once the programming and coding is complete.
Programming time (approx.):	55 minutes
Software version programmed during this campaign:	<ul style="list-style-type: none"> • Instrument cluster control unit: 0237 Following control unit programming, the software release can be read out from the relevant control unit in the "Incremented identifications" menu using the PIWIS Tester.

Procedure in the event of error messages appearing during the programming sequence:	⇒ <i>Workshop Manual 'Basic instructions and procedure for control unit programming using the PIWIS Tester'</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 unit error memories.
 - 2.1 In the control unit selection ("Overview" menu) press •F7" to call up the Additional menu.
 - 2.2 Select the function "Read all error memories and delete if necessary" and press •F12" ('Next') to confirm.
- 3 Enter the campaign in the Warranty and Maintenance logbook.

Warranty processing

Scope 1:

Labor time:		
Re-programming instrument cluster		Labor time: 73 TU
Includes:	Connecting and disconnecting battery charger Connecting and disconnecting PIWIS Tester Reading out and erasing fault memories	
⇒ Damage number WPG3 066 000 1		

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