

APA2 - Re-Programming or Coding Instrument Cluster (Stop Delivery / Recall Campaign)

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 13.5 volts and 14.5 volts 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 2023

Revision:

Revision	Date	Change
0	04/05/2023	▪ First Publication
1	04/06/2026	▪ Addition of Scope 4

Model Line: 911 (992)

Country: Puerto Rico

Concerns: Instrument cluster control unit

Cause: Due to a software error in the instrument cluster, the function 'initial belt warning' is not displayed in accordance with local legal requirements on the affected vehicles.

If occupants are not buckled up when the ignition is switched on, the belt warning symbol in the instrument cluster is displayed permanently and does not flash as required. There is also no acoustic warning.

Action: Re-code instrument cluster using an updated data record.



Information

Every vehicle is assigned to exactly one campaign scope.

To find out which scope is assigned to the vehicle, see PCSS Vehicle Information.

Integration Test: As the campaign is market-specific, the customer service integration test shows a green result regardless of implementation. The implementation must be checked using the extended identification in the necessary control unit.

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

Required tools

- Tools:
- **P90999 - PIWIS Tester 4**
 - Battery charger with a current rating of **at least 90 A**, e.g. **battery charger 90 A**

Re-coding the instrument cluster

Work Procedure: 1 **Re-code instrument cluster control unit.**

The basic procedure to be followed for coding the control unit 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 coding during this campaign	
Required PIWIS Tester software release:	41.800.010 (or higher)
Type of control unit coding:	Control unit coding using the 'Automatic coding' function for the control unit: 'Instrument cluster' control unit – 'Coding/programming' menu – 'Automatic coding' function.
Coding sequence:	Read and follow the information and instructions on the PIWIS Tester during the guided coding sequence. Do not interrupt coding. When coding is complete, the message 'Coding has been completed successfully' is displayed and a tick appears in the "Status" box.
Procedure if control unit coding is not successful :	Repeat control unit coding.

- 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 Perform a test drive. During the test drive, ensure that the belt warning symbol in the instrument cluster flashes continuously and that an acoustic warning occurs. If the "initial belt warning" is not emitted as required, repeat control unit coding.
- 4 Enter the campaign in the Warranty and Maintenance booklet.

Re-programming instrument cluster

Work Procedure: 1 **Re-program instrument cluster control unit.**

The basic procedure to be followed for coding the control unit is described in the Workshop Manual:
 ⇒ *Workshop Manual 'Basic instructions and procedure for control unit programming using the PIWIS Tester'*

Required PIWIS Tester software release:	41.900.010 (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 releases starts as soon as programming and coding is complete.
Programming time (approx.):	55 minutes
Software release 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 booklet.

Warranty processing



Information

The specified labor time was determined specifically for carrying out this campaign and includes all necessary preliminary and subsequent rework.

The labor time may differ from the working times published in the Labor Operation List in the PCSS.

Scope 3: Re-coding the instrument cluster

- Scope 1 and 2 are **not relevant** for this vehicle type.

Labor time:

Re-coding instrument cluster control unit

Labor time: **47 TU**

Includes: Connecting and disconnecting battery charger
Connecting and disconnecting PIWIS Tester
Reading out and erasing fault memories

⇒ **Damage Code APA2 099 000 1**

Warranty processing



Information

The specified labor time was determined specifically for carrying out this campaign and includes all necessary preliminary and subsequent rework.

The labor time may differ from the working times published in the Labor Operation List in the PCSS.

Scope 4: Re-programming instrument cluster

- Scope 1 to 3 are **not valid** for this vehicle type.

Labor time:

Re-programming instrument cluster control unit

Labor time: **89 TU**

Includes: Connecting and disconnecting battery charger
Connecting and disconnecting PIWIS Tester
Reading out and erasing fault memories

⇒ **Damage Code APA2 099 000 1**

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