

**APB3 - Re-Coding Airbag Control Unit (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 2021 up to 2024**

Model Line: **911 Carrera (992)**

Concerns: **Airbag control unit**

Cause: **Due to the current triggering strategy of the side airbag, unnecessary triggering of the side airbag may occur on the affected vehicles in the event of an accident (for example a frontal crash).**

This can lead to an additional risk of injury in the event of an accident.

Action: Re-code the airbag control unit with the **latest** PIWIS Tester software release.  
Minimum requirement: Release **42.300.020**

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

**Required tools**

- Tools:
- **P90999 - P90999 - PIWIS Tester 4**
  - Battery charger with a current rating of **at least 90 A**, e.g., **VAS 5908 battery charger 90 A**

**Re-coding airbag control unit**



**Information**

The procedure described here is based on the PIWIS Tester 4 software release **42.300.020**.

The PIWIS Tester instructions take precedence and in the event of a discrepancy, these are the instructions that must be followed.

Deviations may occur with later software releases, for example.

Work Procedure: 1 Re-code airbag control unit.

The basic procedure to be followed for coding the control unit is described in the Workshop Manual:  
 ⇒ *Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the tester'*

Required PIWIS Tester software release:	<b>42.300.020</b> (or higher)
Type of control unit coding:	Control unit coding using the ' <b>Campaign</b> ' <b>function in the Additional menu</b> on the PIWIS Tester by entering a programming code.
Programming code:	<b>M1C5L</b>
Coding sequence:	Read and follow the <b>information and instructions on the PIWIS Tester</b> during the guided procedure.  <b>Do not interrupt coding.</b>  When coding is complete, the message "Coding has been completed successfully" is displayed and a tick appears in the 'Status' box.
Coding time (approx.):	<b>6 minutes</b>
Procedure in the event of abnormal termination of control unit coding:	<ul style="list-style-type: none"> <li>• Disconnect 12-volt battery</li> <li>• Repeat the control unit coding by restarting the coding. ⇒ <i>Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Fault finding"</i></li> </ul>

- 2 Read out and delete all control unit fault memories.
  - 2.1 Press •F7" in the control unit selection screen ('Overview' menu) to call up the Additional menu.
  - 2.2 Select the function "Read all fault memories and erase if required" and press •F12" ('Next') to confirm.



### Information

If control units are found to have faults that are **not** caused by control unit coding, these must first be **found** and **corrected**. This work **cannot** be invoiced under the workshop campaign number.

- 3 Create Vehicle Analysis Log (VAL) using the PIWIS Tester.  
Mark the vehicle analysis log you have created with the attribute **"Post-VAL"** and after carrying out the campaign, return it using the PIWIS Tester.
- 4 End the diagnostic application.
- 5 Close window and retract rear spoiler.
- 6 Switch off ignition.
- 7 Disconnect the Tester from the vehicle.
- 8 Switch ignition off and then on again. Check that the airbag warning light in the instrument cluster comes on and then goes off again after a few seconds.
- 9 Enter campaign in the Warranty and Maintenance logbook.

**Warranty processing**

Scope 1: Re-coding airbag control unit

<b>Labor time:</b>		
Re-coding airbag control unit		Labor time: <b>54 TU</b>
Includes:	<ul style="list-style-type: none"> <li>Connecting and disconnecting battery charger</li> <li>Connecting and disconnecting PIWIS Tester</li> <li>Reading out and erasing fault memories</li> <li>Creating Vehicle Analysis Logs (VALs) after completing the campaign</li> </ul>	
<b>⇒ Damage Number APB3 099 000 1</b>		

Scope 2: Re-coding airbag control unit

<b>Labor time:</b>		
Re-coding airbag control unit		Labor time: <b>70 TU</b>
Includes:	<ul style="list-style-type: none"> <li>Connecting and disconnecting battery charger</li> <li>Connecting and disconnecting PIWIS Tester</li> <li>Reading out and erasing fault memories</li> <li>Creating Vehicle Analysis Logs (VALs) after completing the campaign</li> </ul>	
<b>⇒ Damage Number APB3 099 000 1</b>		

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