

**WRA8 - Re-Programming Control Unit for Chassis Control (PASM) (Workshop 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 2024 up to 2025**

Model Line: **Cayenne (9YA / 9YB)**

Concerns: **Control unit for chassis control (PASM)**

Cause: **Due to a software error in the control unit for chassis control, it is possible that the start routine of the control unit will not be completed when the ignition is switched on.**  
As a result, communication with the control unit for chassis control is disrupted until the ignition is switched off and on again. The control unit cannot then be accessed for diagnosis either.

Action: Re-program the control unit for chassis control (PASM) with the **latest** PIWIS Tester software release.  
Minimum requirement: Release **42.500.000**

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

**Required tools**

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

**Re-programming control unit for chassis control (PASM)**

- Work Procedure: 1 The prerequisites for control unit programming are described in the Workshop Manual ⇒ *Workshop Manual '9X00IN Basic Instructions and Procedure for Control Unit Programming Using the PIWIS Tester'*.
- 2 After the backup documentation process, the integration test is started automatically. The result must first be **ignored**.
- 3 **Re-program the control unit for chassis control (PASM).**

Required PIWIS Tester software release:	<b>42.500.000</b> (or higher)
Type of control unit programming:	Control unit programming using the <b>"Automatic programming" function</b> of the control unit for chassis control (PASM).
Programming sequence:	Read and follow the <b>information and instructions on the PIWIS Tester</b> during the guided programming sequence.  <b>Do not interrupt programming and coding.</b>  A backup documentation process for the re-programmed software releases starts as soon as programming and coding is complete.
Programming time (up to):	<b>8 minutes</b>
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 termination in the control unit programming:	Repeat control unit programming by restarting programming.

- 4 Read out **fault memory**. If necessary, work through existing faults and delete them.



#### Information

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

- 5 Press **•F3** to start the integration test in the control unit selection.  
All affected control units should now be successfully re-programmed or checked in the control unit overview and their status.



#### Information

If a deviation in the integration test is still indicated despite programming being carried out, this must be repeated. If the deviation persists, contact Technical Support.

- 6 End the diagnostic application. Switch off ignition. Disconnect Tester from vehicle.
- 7 Switch off and disconnect the battery charger.
- 8 Enter the campaign in the Warranty and Maintenance logbook.

**Software overview for chassis control unit (PASM)**

Software Overview:

Type	Equipment	Model year	Software part number	Software release
Cayenne (9YA / 9YB)	Adaptive air suspension (M-No. 1BK)	2024 to 2025	9Y0907727R	0930 (or higher)
Cayenne (9YA / 9YB)	Porsche Active Suspension Management (PASM) and steel suspension (M-No. 1BH)	2024 to 2025	9Y0907777R	0930 (or higher)

**Warranty processing**



**Information**

The specified labor time was determined specifically for carrying out this campaign and includes all necessary preliminary and subsequent work. The labor time may differ from the labor time published in the Labor Operation List in the PCSS.

Scope 1:

**Re-programming control unit for chassis control (PASM)**

<p><b>Labor time:</b></p> <p>Re-programming control unit for chassis control (PASM) <span style="float: right;">Labor time: <b>39 TU</b></span></p> <p>Includes:    Connecting and disconnecting battery charger                           Connecting and disconnecting PIWIS Tester                           Reading out and deleting fault memories</p> <p><b>Invoicing:</b> ⇒ Damage number WRA8 66 000, repair code 1</p>
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