

WRU9 – Re-Coding Front Camera (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 2023 up to 2025**

Model Line: **Macan (95B)**

Concerns: **Front camera**

Cause: **In the affected vehicles, it is possible that the Traffic Jam Assist (TJA) function will not be available due to faulty coding of the front camera in the speed range of 0 to 65 km/h (0 to 40 mph).**

Action: Re-code the front camera with the **latest** PIWIS Tester software release.



Information

The minimum programming requirement is the PIWIS Tester software release **43.000.030** (or higher).

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** and a **current and voltage-controlled charge map** for lithium starter batteries, e.g. **VAS 5908 battery charger 90 A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charge vehicle electrical system battery'*

Re-coding front camera

Work Procedure: 1 Re-code the front camera.

The basic procedure for control unit coding is described in the Workshop Manual ⇒ *Workshop Manual '9X00IN 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:	43.000.030 (or higher)
Type of control unit coding:	Control unit coding using the "Automatic coding" function for the control unit: "Front camera" 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 the coding process. 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 fault memories.
- 3 Exit the diagnostic application, switch off the ignition and disconnect **P90999 - PIWIS Tester 4** from the vehicle.
- 4 Switch off and disconnect the battery charger.
⇒ *Workshop Manual '270689 Charge vehicle electrical system battery'*
- 5 Enter the campaign in the Warranty and Maintenance Logbook.

Warranty processing



Information

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

Labor times may differ from those published in the work position catalogue in the PCSS.

Scope 1:

Re-coding front camera

Labor time:

Re-coding front camera

Labor time: **25 TU**

Includes: Connecting and disconnecting battery charger

Connecting and disconnecting PIWIS tester.

⇒ **Damage number WRU9 066 000 1**

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