

**AJ05 - Replacing Gateway Control Unit (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:** 2018

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

**Subject:** Gateway control unit

**Information:** **A gateway control unit on which the terminating resistors were not soldered correctly may have been installed on the affected vehicles.**

This can cause the gateway control unit to stop working and communication between the various control units may be interrupted. As a result, various error messages are displayed in the instrument cluster, driveability may be impaired and in extreme cases, post-crash functions may also be impaired.

**Remedial Action:** Replace gateway control unit.

**Affected Vehicles:** Only the vehicles assigned to the campaign (see also PIWIS Vehicle information). This campaign affects 3 vehicles in North America.

**Parts required**

**Parts Info:** Parts can be ordered as normal with no PTEC/PAV required.

Part No.	Designation	Qty.
95B907530L	⇒ Gateway control unit	1 ea.

**Required tools**

- Tools:**
- V.A.G 1783 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)
  - 9900 - PIWIS Tester 3
  - **Battery Charger/Power Supply** - Suitable for AGM Type batteries, recommended current rating of 90A fixed voltage 13.5V to 14.5V.

**Replace gateway control unit**

Work Procedure: 1 Connect a battery charger to the jump-start terminals in the engine compartment and switch it on.

2 Read out data from the installed gateway control unit.  
For instructions, see ⇒ *Workshop Manual '903555 Replacing gateway control unit'*.

3 Remove gateway control unit and install new gateway control unit ⇒ *Workshop Manual '903519 Removing and installing gateway control unit'*.

Part No.	Designation	Qty.
95B907530L	Gateway control unit	1 ea.

4 Re-teach gateway control unit.  
For instructions, see ⇒ *Workshop Manual '903555 Replacing gateway control unit'*.

5 Read out the fault memory and check fault memory entries.  
Then, erase the fault memory.

**Information**

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

6 Switch off and disconnect the battery charger.

7 Enter the campaign in the Warranty and Maintenance booklet.

**Warranty processing****Information**

The specified working time was determined specifically for carrying out this campaign and may differ from the working times published in the Labour Operation List in PIWIS.

Scope:

**Working time:**

Replacing gateway control unit

Labor time: **76 TU**

Includes: Connecting and disconnecting battery charger  
Connecting and disconnecting PIWIS Tester  
Removing and installing gateway control unit  
Reading out and erasing fault memory

**Parts required:**

95B907530L Gateway control unit 1 ea.

⇒ **Damage Code AJ05 099 000 2**

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