

WE89 - Replacing Control Unit For All-wheel Drive System (Workshop Campaign)

Vehicle Type: **911 Turbo (991)/911 Turbo S (991)**

Model Year: **As of 2014 up to 2015**

Concerns: **Control unit for all-wheel drive system Porsche Traction Management (PTM)**

Information: This is to inform you of a voluntary Workshop Campaign on the above-mentioned vehicles. **The affected vehicles were fitted with a control unit for the all-wheel drive system in which a purging routine for the hydraulic pump drive for the multiplate clutch is not activated due to an error in the control unit software.**

This can cause wear particles to clog up the hydraulic pump drive over the service life of the vehicle, resulting in higher power consumption for the pump drive.

As a result, the all-wheel drive system will be deactivated and the warning message "No all-wheel sys. – Only rear-wh drive – Adapted driving permitted" will be displayed in the instrument cluster.

Action Required: Replace control unit for all-wheel drive system.

The existing control unit **cannot** be programmed with the new software.

Affected Vehicles: The VIN(s) can be checked by using PIWIS Vehicle Information link to verify if the campaign affects the vehicle. This campaign is scope specific to the VIN! Failure to verify in PIWIS may result in an improper repair. This campaign affects 2,801 vehicles in North America.

Parts Info: **NOTE: PARTS FOR THIS CAMPAIGN WILL BE AUTOMATICALLY ALLOCATED FOR UP TO 50% OF THE VEHICLES THAT ARE SERVICED AT YOUR DEALERSHIP. ONCE YOUR DEALERSHIP IS OUT OF STOCK AND REQUIRES ADDITIONAL PARTS, YOU SHOULD SUBMIT A PTEC/PAV.**

Part No.	Designation	Qty.
000.043.989.82	⇒ All-wheel drive control unit	1 ea.

- Tools:
- **9818 - PIWIS Tester II**
 - **Battery Charger/Power Supply** - Suitable for AGM Type batteries, recommended current rating of 70A fixed voltage 13.5V to 14.5V. Refer to Equipment Information EQ-1105.
 - Torque screwdriver, 1.5 - 3 Nm (1 - 2 ftlb.), e.g. **VAS 6494 - Torque screwdriver 1.5 - 3 Nm (1 - 2 ftlb.)**
 - Plastic wedge

Work Procedure: See Attachment "A".

Claim See Attachment "B":
Submission:

Attachment "A": **Work Procedure**

NOTICE

Coding will be aborted in the event of low-voltage.

- **Increased current draw during diagnosis can cause a drop in voltage, which can result in one or more fault entries and the abnormal termination of the coding process.**
- ⇒ **Before getting started, connect a suitable battery charger with a current rating of at least 70 A to the jump-start terminals in the engine compartment.**

NOTICE

Coding will be aborted if the WLAN connection is unstable.

- **An unstable WLAN connection can interrupt communication between PIWIS Tester II and the vehicle communication module (VCI). As a result, coding may be aborted.**
- ⇒ **During control unit coding, always connect PIWIS Tester II to the vehicle communication module (VCI) via the USB cable.**

- 1 Replace control unit for all-wheel drive system with a new control unit ⇒ *Workshop Manual '399555 Replacing control unit for all-wheel drive system (PTM)'*.
- 2 Enter the workshop campaign in the Warranty and Maintenance booklet.

**Information**

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

Attachment "B": **Claim Submission** - Workshop Campaign WE89
Warranty claims should be submitted via WWS/PQIS.
Open campaigns may be checked by using either the PIWIS Vehicle Information system or through PQIS Job Creation.
Labor, parts, and sublet will be automatically inserted when Technician is selected in WWS/PQIS. If necessary, the required part numbers will need to be manually entered into warranty system by the dealer administrator.

Working time:

Replacing control unit for all-wheel drive system

Labor time: **34 TU**

- Includes:
- Connecting and disconnecting battery charger
 - Connecting and disconnecting PIWIS Tester
 - Reading out data from old control unit
 - Removing and installing control unit for all-wheel drive system
 - Writing data to new control unit
 - Reading out and erasing fault memory

Parts required:

000.043.989.82 All-wheel drive control unit 1 ea.

⇒ **Damage code WE89 066 000 2**

- References
- ⇒ *Workshop Manual '399555 Replacing control unit for all-wheel drive system (PTM)'*
 - ⇒ *Workshop Manual '399519 Removing and installing control unit for all-wheel drive system (PTM)'*

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