

WB49 - Performing Suspension Alignment and Adjusting Vehicle (Workshop Campaign)

Vehicle Type: **911 Carrera S (991)**

Model Year: **2012**

Concerns: **Suspension alignment**

Information: **Suspension alignment must be performed on the affected vehicles and the vehicles must be adjusted prior to delivery to customers.**

Action Required: Perform suspension alignment and adjust the vehicle prior to delivery to the customer.

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.

Tools: Porsche quick-clamping unit 1265
 Socket-wrench insert 9730
 Torque wrench Nr.90 Pos.5 (20–120 Nm/15–89 ftlb.)
 PIWIS Tester II 9818

Work Procedure: See Attachment "A".

Administrative Procedure: See Attachment "B".

Attachment "A": **Work Procedure**

- 1 Perform vehicle handover using the PIWIS Tester - unless this has already been done during the sales check - in order to activate the various systems.
- 2 Before performing suspension alignment, first install the wheel hub covers on all four wheels and check that they can be installed correctly and **are flush with the wheel.**
 - If the wheel hub covers are installed correctly, continue with ⇒ **Step 3** and perform suspension alignment and make any adjustments that are required.

- If the wheel hub covers cannot be installed correctly and are **not flush with the wheel** following installation, the affected wheel or wheels must first be changed. Then continue with ⇒ **Step 3** and perform suspension alignment and make any adjustments that are required.

**Information**

Any work required for changing wheels **cannot** be invoiced under the campaign number, but must be submitted using a separate warranty claim by specifying ⇒ **Damage code 4405 012 000 2**. Document the work in the PQIS job by entering **44050** (Wheel) under “Location” and **1213** (Part replaced in accordance with PAG instructions) as the “Cause”.

- 3 Perform suspension alignment as described in ⇒ *Workshop Manual '449503 Suspension alignment, complete'* and adjust the vehicle.
During suspension alignment, current adjustment values and adjustment values assigned to the relevant vehicle type must always be used, see ⇒ *Workshop Manual '4495TW Adjustment values for suspension alignment'*.

**Information**

If suspension alignment work is subcontracted to a service provider, **it is important to ensure** that the service provider is provided with the **correct adjustment values** or that these adjustment values **are supplied in writing with the vehicle**.

- 4 If the previous wheel alignment values were changed, recalibrate the steering-angle sensor ⇒ *Workshop Manual '456005 Initialising and calibrating steering-angle sensor'* and then re-teach the electric steering lock settings ⇒ *Workshop Manual '489025 Power-steering gear: Teaching electric steering lock'*.

Attachment "B": **Administrative Procedure** - Workshop Campaign WB49

Warranty claims should be submitted via WWS/PQIS.

Note: Open campaigns can be checked by using the PIWIS Vehicle Information link.

Labor, parts, and sublet will be automatically inserted when Technician is selected in WWS/PQIS.

Scope 1: Performing suspension alignment **and** adjusting the vehicle

**Information**

The specified working time was determined specifically for carrying out this campaign and includes all preliminary and subsequent work required for performing suspension alignment **and** adjusting the vehicle.

The working time may differ from the working time published in the Labor Operation List in PIWIS.

Working time:

Performing suspension alignment and adjusting the vehicle

Labor time: **160 TU**

Includes: Calibrating steering-angle sensor
 Re-teaching steering lock settings

Invoicing: ⇒ **Damage Code WB49 066 000 1**

- References:
- ⇒ *Workshop Manual '449503 Suspension alignment, complete'*
 - ⇒ *Workshop Manual '4495TW Adjustment values for suspension alignment'*
 - ⇒ *Workshop Manual '456005 Initialising and calibrating steering-angle sensor'*
 - ⇒ *Workshop Manual '489025 Power-steering gear: Teaching electric steering lock'*

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