

**WH35 - Re-Coding Service Interval (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: **2017**

Vehicle Type: **911 Carrera GTS (991)/911 Carrera 4 GTS (991)/911 Targa 4 GTS (991)**

Subject: **Oil change service interval in the instrument cluster**

Information: **The instrument cluster on the affected vehicles may have been coded with incorrect values for the service interval.**

As a result, the due date for the oil change service is displayed too late in the instrument cluster.

Remedial Action: Re-code service interval.

Affected Vehicles: Only the vehicles assigned to the campaign (see also PIWIS Vehicle Information). This campaign affects 189 vehicles in North America.

**Required tools**

**NOTICE**

**Use of a PIWIS Tester software version that is older than the prescribed version**

- **Measure is ineffective**
- ⇒ **Always use the prescribed version or a higher version of the PIWIS Tester software for control unit programming.**

- Tools:
- **9900 - PIWIS Tester 3** with PIWIS Tester software version **36.200.010** (or higher) installed
  - **Battery Charger/Power Supply** - Suitable for AGM Type batteries, recommended current rating of 70A fixed voltage 13.5V to 14.5V.

## Preparatory work

### NOTICE

Coding will be aborted in the event of low voltage.

- Increased power consumption during diagnosis can cause a drop in voltage, which can result in one or more fault entries and abortion of the coding process.
- ⇒ Before getting started, connect a suitable battery charger to the jump-start terminals in the engine compartment.

### NOTICE

Coding will be aborted if the WLAN connection is unstable.

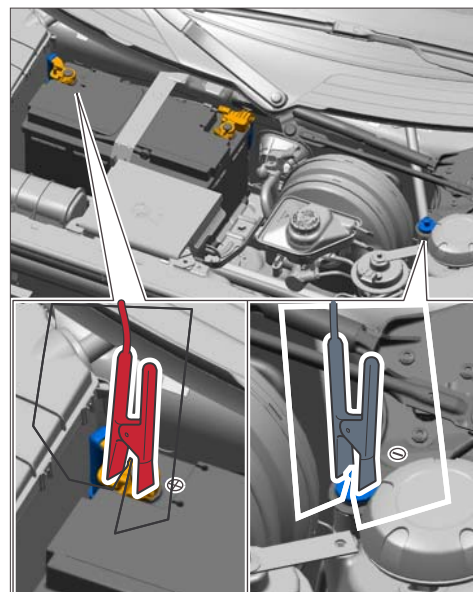
- An unstable WiFi connection can interrupt communication between the PIWIS Tester and the vehicle communication module (VCI). As a result, coding may be aborted.
- ⇒ During control unit coding, always connect the PIWIS Tester to the vehicle communication module (VCI) via the USB cable.

### NOTICE

Control unit coding will be aborted if the vehicle key is not recognized

- If the vehicle key is not recognized in vehicles with Porsche Entry & Drive, coding cannot be started or will be interrupted.
- ⇒ Switch on the ignition using the original vehicle key. To do this, replace the dummy key in the ignition lock with the original vehicle key if necessary.

- Work Procedure:
- 1 Connect battery charger.  
First connect the positive cable of the charger to the positive terminal of the battery and then connect the negative cable of the charger to the ground point for jump-lead starting ⇒ *External power connection*.
  - 2 Switch on the ignition.
  - 3 **9900 - PIWIS Tester 3** must be connected to the vehicle communication module (VCI) via the **USB cable**. Then connect the communication module to the vehicle and switch on the PIWIS Tester.
  - 4 On the PIWIS Tester start screen, call up the '**Diagnos**tics' application. The vehicle type is then read out, the diagnostic application is started and the control unit selection screen is populated.



*External power connection*

## Re-coding service interval

### NOTICE

#### Use of a PIWIS Tester software version that is older than the prescribed version

- Measure is ineffective
- ⇒ Always use the prescribed version or a higher version of the PIWIS Tester software for control unit coding.



#### Information

The procedure described here is based on the PIWIS Tester 3 software version **36.200.010**.

The PIWIS Tester instructions take precedence and in the event of a discrepancy, these are the instructions that must be followed.

A discrepancy may arise with later software versions for example.

Work Procedure: *Control unit selection – Instrument cluster*

- 1 Select '**Instrument cluster**' in the control unit selection screen ('**Overview**' menu) and press •F12" ('Next') to confirm your selection .
- 2 When the question "Create Vehicle Analysis Log (VAL)?" appears, either press •F12" ('Yes') to create a VAL or press •F11" ('No') if you do not want to create a VAL.

- 3 Press •F12" ('Next') to acknowledge the message informing you that campaigns for the vehicle are stored in the PIWIS information system.
- 4 Once the instrument cluster has been found and is displayed in the overview, select the **'Maintenance/repairs'** menu.
- 5 Select the **'Write service interval'** function and press •F12" ('Next') to confirm your selection .

*"Write service interval" function*

- 6 Press •F12" ('Next') to confirm the message "This procedure is used to write service intervals, e.g. when installing a new instrument cluster".
- 7 Check the value entered for the country in which the vehicle is operated and correct it if necessary. Then press •F12" ('Next') to continue.
- 8 Confirm the values entered for date and mileage of the last customer service by pressing •F12" ('Next').

*Writing service interval*

- 9 Write the service interval by pressing •F8" ('Execute').

When coding is complete, the message "Coding has been completed successfully" is displayed and a tick appears in the 'Status' box.

If coding is not completed successfully (error message "Coding was not completed successfully"), coding must be **repeated**.

- 10 Once coding has been completed successfully, press •F12" ('Next') to return to the start page of the **'Coding/programming'** menu.
- 11 Select the **'Overview'** menu and press •F11" ('Back') to return to the control unit selection screen.

### Concluding work

- Work Procedure:
- 1 Switch off the ignition.
  - 2 Disconnect the PIWIS Tester from the vehicle.
  - 3 Switch off and disconnect the battery charger.
  - 4 Enter the campaign in the Warranty and Maintenance booklet.

## Warranty processing

Scope:

**Working time:**

Re-coding service interval

Labor time: **27 TU**

Includes: Connecting and disconnecting battery charger  
Connecting and disconnecting PIWIS Tester

⇒ **Damage Code WH35 066 000 1**

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