

WME1 - Adjusting Steering Wheel Position (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: 2021

Model Line: Cayenne (9YA/9YB)

Concerns: Electric steering column adjustment (M-no. 2C7)

Information: Due to worldwide semiconductor shortages experienced by some suppliers, the affected vehicles were built without a control unit for electric steering column adjustment. As a result, electrical adjustment of the steering wheel position is not available on these vehicles.

Action required: Before delivery to the customer, set a neutral or customer-specific steering wheel position.



Information

To adjust the steering wheel position, the control unit for the steering column adjustment must be installed temporarily beforehand. One control unit will be provided for each Porsche dealer for this purpose.

The control unit provided with the part number V04015953K must be re-used as part of the workshop equipment and remains at the Porsche dealer. The control unit must not therefore be left in the vehicle and must be removed again after adjusting the steering wheel position.

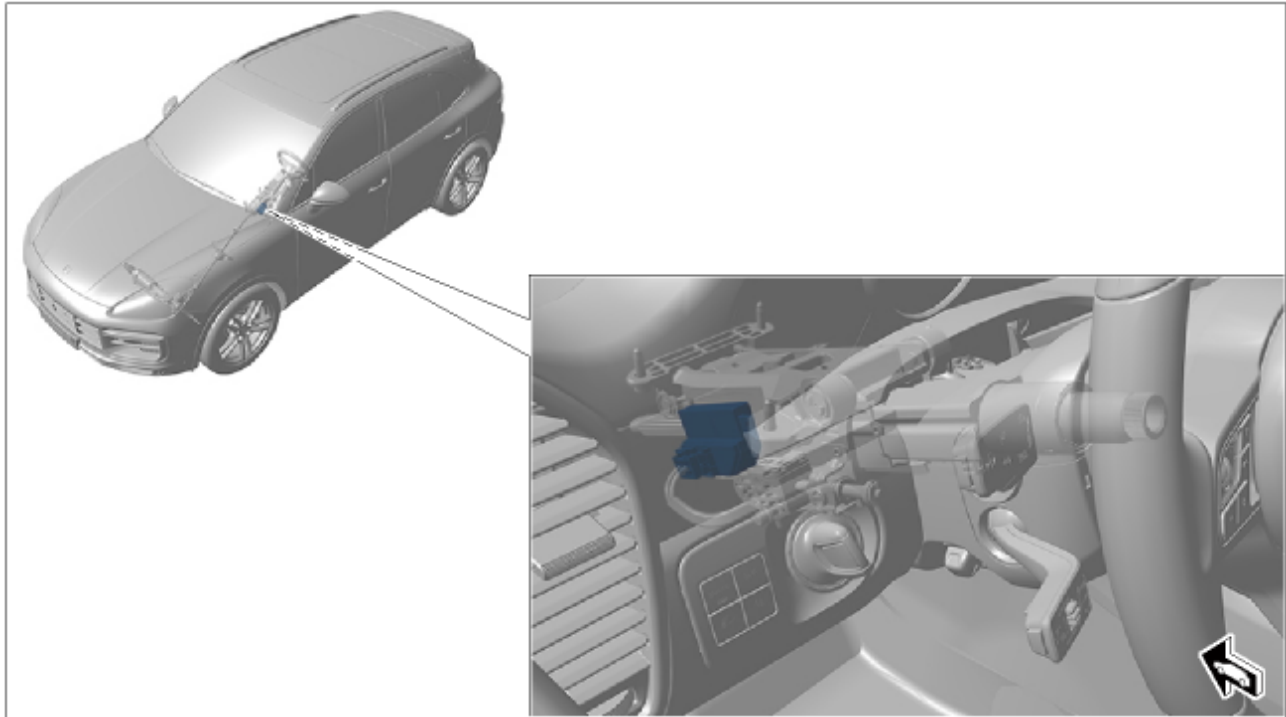
When a sufficient number of parts is available, the steering column adjustment control units on the affected vehicles will be retrofitted as part of a new campaign.

For vehicles in which the steering wheel already has **an acceptable position for the customer** and does **not need to be adjusted**, a **recall update** should be performed in the warranty system to close the WME1 campaign and allow for reporting of vehicle delivery.

To complete the Recall Update, the **'Campaign not feasible'** section needs to be selected in PCSS for the WME1 quality line, as well the reason option **"Campaign already carried out as per service booklet"**. The warranty relevant flag must also be selected in order to transfer the \$0 job line to WWS. Once the 'Campaign not feasible' line processes in WWS, the campaign database will then be updated as satisfied. **Customers must also be provided with the "Pre-Sale disclosure" available in the WME1 PPN post as an attachment.**

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information).

Installation Position:



Installation position of control unit for steering column adjustment

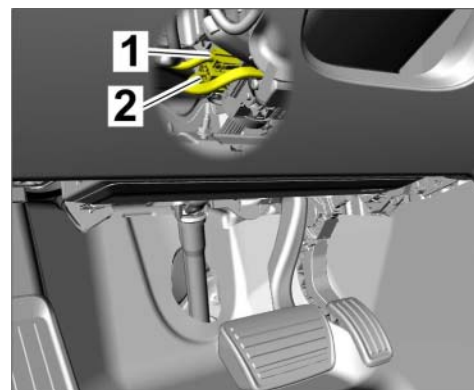
Required tools

- Tools:
- **9900 - PIWIS Tester 3**
 - Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 Battery charger 90A**
 - **VAS 6845 - Scraper/spatula/lever set**
 - Torque wrench, 2–10 Nm (1.5–7.5 ftlb.), e.g. **VAG 1783 Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**
 - Control unit for steering column adjustment **V04015953K**, **used as a tool**. This part will be auto-allocated and shipped to your dealer. **Please do not install this part permanently into any vehicle!**

Adjusting steering wheel

- Work Procedure: 1 Switch off ignition if the ignition is switched on.
- 2 Remove footwell light. ⇒ *Workshop Manual '961519 Removing and installing footwell light'*

- 3 Remove dashboard cover (on driver side). ⇒ *Workshop Manual '70221901 Removing and installing dashboard cover (driver side)'*
- 4 Connect the two free connecting lines ⇒ *Connecting lines for control unit for steering column adjustment -1 and 2-* to the control unit for steering column adjustment.



Connecting lines for control unit for steering column adjustment

Part No.	Designation	Qty.
V04015953K*	Control unit for steering column adjustment	1 ea.
<p>*The control unit for steering column adjustment serves as a tool during this campaign and must be used several times for adjusting the steering wheel position on different vehicles. The permanent use of this part number in the vehicle is not permitted.</p>		

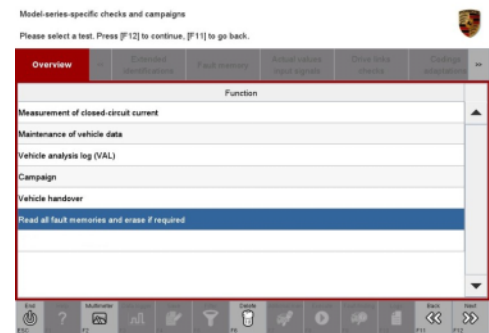
- 5 Switch on ignition and adjust the steering wheel to the desired position.
- 6 Switch off ignition and wait for approx. 1 minute.
- 7 Disconnect plug connections on the control unit for steering column adjustment again and remove control unit for steering column adjustment.
- 8 Install dashboard cover (on driver side). ⇒ *Workshop Manual '70221901 Removing and installing dashboard cover (driver side)'*
- 9 Install footwell light. ⇒ *Workshop Manual '961519 Removing and installing footwell light'*
- 10 Read out and erase the fault memories of all control units.
 - 10.1 Connect a battery charger that is suitable for lithium starter batteries with a current rating of at least 90 A (e.g. **Battery charger 90A**) to the jump-start terminals in the engine compartment.
For instructions, see ⇒ *Workshop Manual '2706IN External power connection, jump-lead starting'*.

- 10.2 **Position** the driver key in the rear area of the left cupholder in the center console between the holding struts (emergency start tray) in order to guarantee a permanent radio link between the vehicle and driver key ⇒ *Emergency start tray*.
- 10.3 Connect **9900 - PIWIS Tester 3** to the vehicle communication module (VCI) via the **USB cable**. Then connect the communication module to the vehicle and switch on the PIWIS Tester.



Emergency start tray

- 10.4 Switch on the ignition and open the '**Diagnos**tics' application on the PIWIS Tester start screen.
- 10.5 Press **•F7** in the control unit selection screen ('Overview' menu) to call up the Additional menu.
- 10.6 Select the function "Read all fault memories and erase if required" and press **•F12** ('Next') to confirm ⇒ *Erasing fault memories*.



Erasing fault memories

- The fault memories of the control units are read out.
- 10.7 Once you have read out the fault memories, check the fault memory entries.



Information

Due to the lack of a control unit for steering column adjustment, the fault **0x01025A (U113E00) "Control unit for electrically adjustable steering column, no communication"** is stored in the fault memory. **This fault must be ignored in this case**, until the follow-up campaign **WME2** to install the control unit for steering column adjustment is published when the parts are available.

If control units are found to have other faults that are **not** related to this campaign, these must first be **found** and **corrected**. This work **cannot** be invoiced under the workshop campaign number.

- 10.8 Press **•F8** to delete fault memory entries.
- 10.9 Press **•F12** ('Yes') in response to the question as to whether you really want to delete all fault memory entries.

The faults stored in the fault memories of the various control units are deleted.



Information

If fault memory entries for individual control units cannot be deleted, proceed as follows:

- Switch off ignition.
- Disconnect the PIWIS Tester diagnostic connector from the diagnostic socket.
- Lock the vehicle using the driver's key.
- Wait approx. 1 minute before unlocking the vehicle again.
- Start the engine, leave it running for a short time and then stop it again.
- Switch off the ignition and wait approx. 10 seconds before switching it back on again.
- Plug the PIWIS Tester diagnostic connector into the diagnostic socket again and restore communication with the vehicle.
- Read out the fault memory again and delete any fault memory entries that are stored.

10.10 Once you have erased the fault memories, select the **'Overview'** menu to return to the control unit selection screen ⇒ *Control unit selection*.

- 11 Switch off ignition.
- 12 Disconnect the PIWIS Tester from the vehicle.
- 13 Switch off and disconnect the battery charger.
- 14 Enter the campaign in the Warranty and Maintenance booklet.



Control unit selection

Warranty processing



Information

The specified working time was determined specifically for carrying out this campaign and includes all necessary preliminary and subsequent work.
The working time may differ from the working times published in the Labor Operation List in the PCSS.

Scope 1:

Working time:

Setting steering wheel position

Labor time: **34 TU**

Includes:

- Connecting and disconnecting battery charger
- Connecting and disconnecting PIWIS Tester
- Removing and installing footwell light
- Removing and installing dashboard cover (driver side)
- Inserting and disconnecting control unit for steering column adjustment

⇒ **Damage Code WME1 066 000 1**

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