

WME2 - Retrofitting Control Unit for Steering Column Adjustment (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: **Control unit for steering column adjustment**

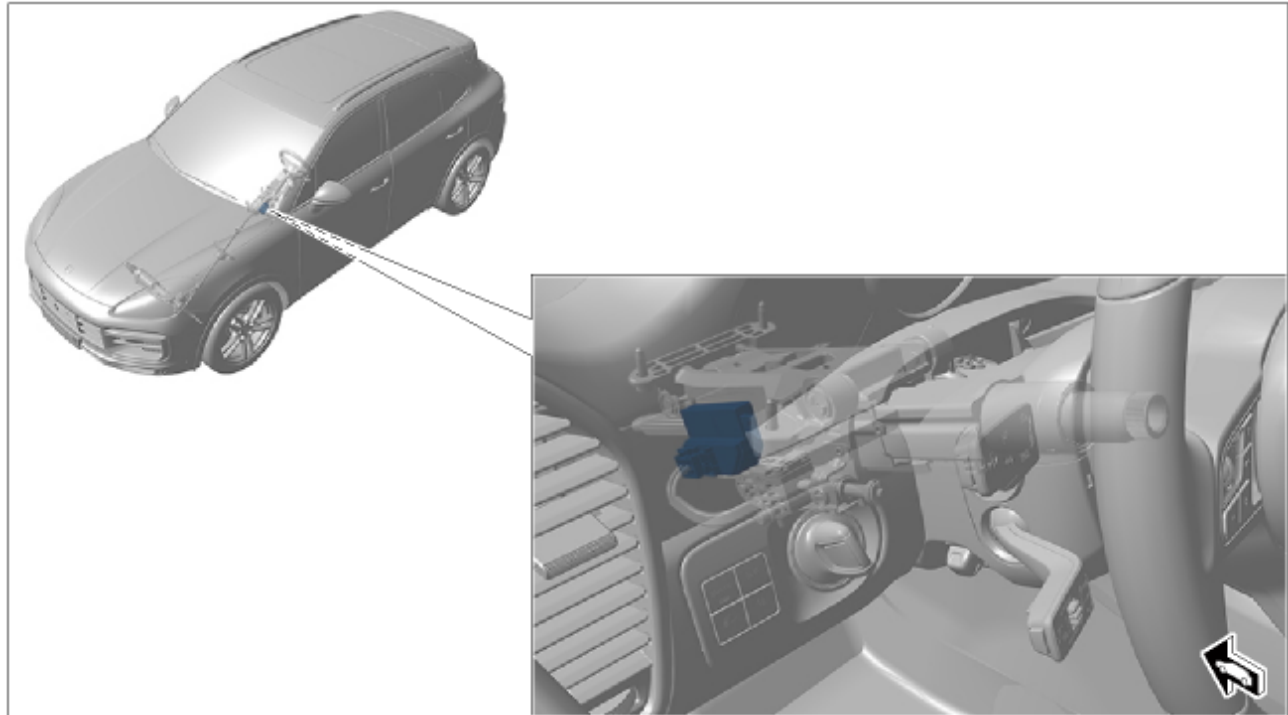
Information: **Due to worldwide semiconductor shortages experienced by some suppliers, the affected vehicles were built without a control unit for electric steering column adjustment.**
As a result, electrical adjustment of the steering wheel position is not available on these vehicles.

Action required: Retrofit control unit for steering column adjustment.

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

Installation

Position:



Installation position of control unit for steering column adjustment

– Control unit for steering column adjustment (**retrofitting**)

Parts required

Parts Info:	Part No.	Designation	Qty.
	V04015953L	– Use ⇒ Control unit for steering column adjustment	1 ea.

Required tools

Tools:

**Information**

The Cayenne is equipped as standard with a **lithium starter battery**, which must only be charged using suitable battery chargers.

For further information about the battery chargers to be used, see:

- ⇒ *Workshop Manual '27061N General information on the 12-volt lithium-ion battery'*
- ⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*

- Battery charger with a current rating of **at least 90 A** and, if required, **also with a current and voltage-controlled charge map** for lithium starter batteries, e.g. **VAS 5908 battery charger 90A**
- **9900 - PIWIS Tester 3**
- **VAS 6845 - Scraper/spatula/lever set**
- Torque wrench, 0.4-2 Nm (0.35 - 1.5 ftlb.), e.g. **VAS 6253A - Torque wrench, 0.4-2 Nm (0.35-1.5 ftlb.) or equivalent**
- Torque wrench 2 - 10 Nm (1.5 - 7.5 ftlb.), e.g. **VAG 1783 torque wrench, 2 - 10 Nm (1.5 - 7.5 ftlb.) or equivalent**

Retrofitting control unit for steering column adjustment

Work Procedure: 1 Remove trim panel for dashboard (driver's side).

- 1.1 Remove front display and operator control unit. ⇒ *Workshop Manual '911019 Removing and installing front display and operator control unit'*
- 1.2 Remove dashboard trim panel (on driver's side) at the left. ⇒ *Workshop Manual '70161901 Removing and installing dashboard trim panels (on driver's side)'*
- 1.3 Remove dashboard cover (on driver side). ⇒ *Workshop Manual '70221901 Removing and installing dashboard cover (driver side)'*
- 1.4 Remove trim panel for dashboard (driver's side). ⇒ *Workshop Manual '70191901 Removing and installing trim panel for dashboard (driver's side)'*

2 Install control unit for steering column adjustment.

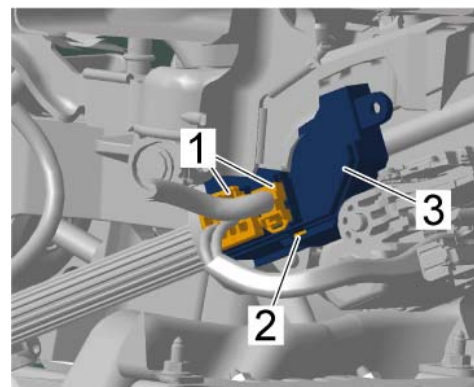


Information

The two connecting lines ⇒ *Control unit for steering column adjustment -1 and 2-* for the steering column adjustment control unit ⇒ *Control unit for steering column adjustment -3-* are located close to the installation position. These may be fastened in place and if so must be exposed beforehand.

For instructions, see:

⇒ *Workshop Manual '483019 Removing and installing control unit for steering column adjustment'*



Control unit for steering column adjustment

3 Install trim panel for dashboard (driver's side).

- 3.1 Install trim panel for dashboard (driver's side). ⇒ *Workshop Manual '70191901 Removing and installing trim panel for dashboard (driver's side)'*
- 3.2 Install dashboard cover (on driver side). ⇒ *Workshop Manual '70221901 Removing and installing dashboard cover (driver side)'*

- 3.3 Install dashboard trim panel (on driver's side) at the left. ⇒ *Workshop Manual '70161901 Removing and installing dashboard trim panels (on driver's side)'*
- 3.4 Install front display and operator control unit. ⇒ *Workshop Manual '911019 Removing and installing front display and operator control unit'*
- 4 Re-code control unit for steering column adjustment and read out and erase fault memory.
For instructions, see:
⇒ *Workshop Manual '483055 Replacing control unit for steering column adjustment'*
- 5 Perform function test of steering column adjustment.
- 6 Enter the campaign in the Warranty and Maintenance booklet.

Warranty processing



Information

The specified working times were determined specifically for carrying out this campaign and include all required preliminary and subsequent work.

The working times may differ from the working times published in the Labor Operation List in PCSS.

Scope 1:

Working Time:		
Retrofitting control unit for steering column adjustment		Labor time: 81 TU
Includes:	Removing and installing trim panel for dashboard (driver side)	
	Connecting and disconnecting battery charger	
	Connecting and disconnecting PIWIS Tester	
	Coding control unit for steering column adjustment	
	Reading out and erasing fault memory	
	Performing function test of steering column adjustment	
Parts required:		
V04015953L	Control unit for steering column adjustment	1 ea.
⇒ Damage Code WME2 066 000 1		

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