

**AMB4 – Replacing Steering Column Screws on Steering Gear (Recall Campaign)**

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Model Line: **Cayenne (9YA/9YB)**

Model Year: **As of 2018 up to 2021**

Concerns: **Steering column screws on steering gear**

Information: **Due to a process error during production, there is a possibility that the threaded connection securing the steering column to the steering gear does not meet the required specifications on the affected vehicles.**

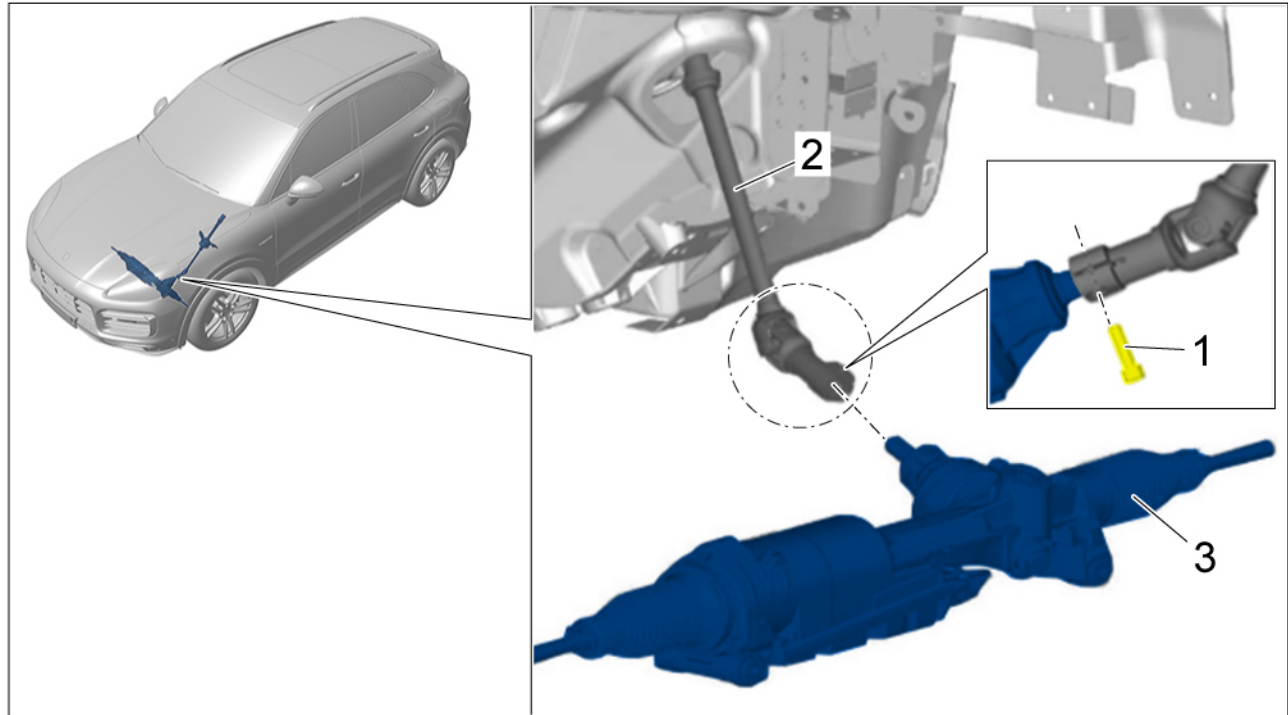
If this is the case, the steering column can become detached from the steering gear over the service life of the vehicle. As a result, we cannot rule out the possibility that the steering will fail.

Action required: Replace steering column screws on the steering gear.

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

## Installation

Position:



*Installation position of steering column screws*

- 1 – Fastening screw securing steering column to steering gear (replace)
- 2 – Steering column
- 3 – Steering gear

### Parts required

Parts Info:	Part No.	Designation – Use	Qty.
	N 10518405	⇒ Cheese head bolt, M8 x 30 – Universal joint for steering column	1 ea.
	PAF00072900	⇒ Internal hexagon round-head bolt, M8 x 20 – Front underbody cover	3 ea.

**Please order parts via PPL with no PRMS ticket needed.**

**Required tools**

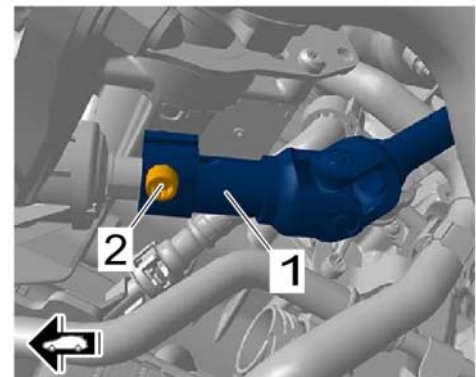
- Tools:
- Torque wrench 2 - 10 Nm (1.5 - 7.5 ftlb.), e.g. **VAG 1783 torque wrench, 2 - 10 Nm (1.5 - 7.5 ftlb.)**
  - Electronic torque angle torque wrench, 20 - 100 Nm (15 - 74 ftlb.), e.g. **VAS 6942 - digital torque wrench, 20 - 400 Nm (15 - 296 ftlb.)**

**Replacing steering column screws on steering gear**

- Work Procedure:
- 1 Read and follow work instruction for working on 48-volt vehicle electrical system. ⇒ *Workshop Manual '2X00IN Work instruction for 48-volt vehicle electrical system'*
  - 2 Raise the vehicle using a lifting platform. ⇒ *Workshop Manual '4X00IN Lifting the vehicle'*
  - 3 Remove front underbody cover (front and rear section). ⇒ *Workshop Manual '519219 Removing and installing front underbody cover'*

4 Replace steering column screws on the steering gear.

- 4.1 Unscrew fastening screw ⇒ *Universal joint for steering column -2-* from universal joint for steering column ⇒ *Universal joint for steering column -1-*.
- 4.2 Screw **new** fastening screw ⇒ *Universal joint for steering column -2-* into the universal joint for the steering column ⇒ *Universal joint for steering column -1-*.



*Universal joint for steering column*

**Tightening torque 20 Nm (15 ftlb.) +90°**

- 5 Install front underbody cover (front and rear section). ⇒ *Workshop Manual '519219 Removing and installing front underbody cover'*
- 6 Lower the vehicle and remove it from the lifting platform.
- 7 Enter the campaign in the Warranty and Maintenance booklet.

**End of action required**

**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: **Replacing steering column screws on steering gear**

Replacing steering column screws on steering gear		Labor time: <b>100 TU</b>
Includes:		
Removing and installing underbody cover		
<b>Required part numbers:</b>	<b>Designation</b>	<b>Qty.</b>
N 10518405	Cheese head bolt, M8 x 30	1 ea.
PAF00072900	Internal hexagon round-head bolt, M8 x 20	3 ea.
⇒ <b>AMB4 099 000 2</b>		

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