

**WLL2 - Reworking Catalytic Converter Mounting (Workshop Campaign)**

Vehicle Type: **Cayenne Turbo (9YA) / Cayenne Turbo Coupé (9YB)**

Model Year: **2020**

Concerns: **Catalytic converter mounting**

Information: **There is a possibility that the screw contact surface on the transmission housing for the mounting of the catalytic converter was not modified according to specifications on the affected vehicles.**

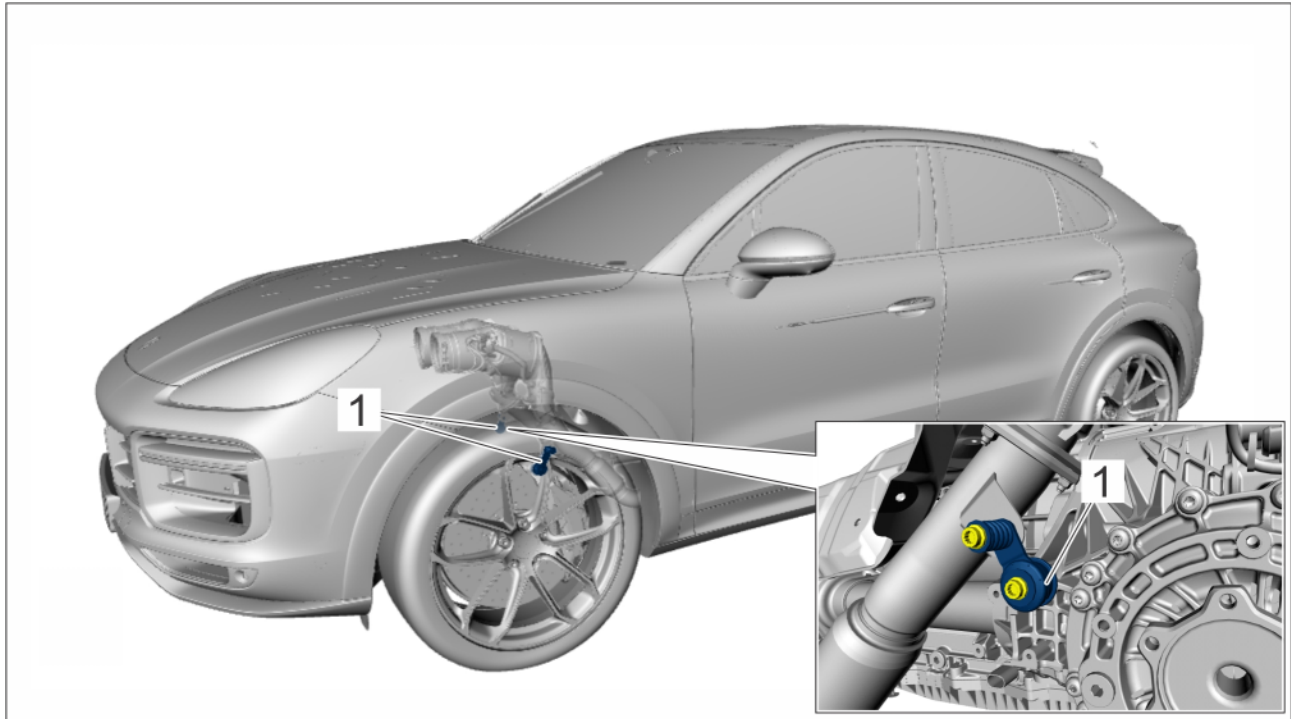
This results in is a misalignment or tension between the holder of the catalytic converter and the screw contact surface on the transmission housing. This can cause loosening of the threaded joint over the service life of the vehicle.

Action Required: Rework catalytic converter mounting.

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information). This campaign affects 19 vehicles.

Installation

Position:



*Installation position of catalytic converter mounting*

**1** – Mounting for catalytic converter at the left and right (**rework**)

### Parts required

Parts Info:	Part No.	Designation – Use	Qty.
	PAF01167026	⇒ Washer 8.4 x 24 x 2	2 ea.
	PAF901076	⇒ Washer 8.2 x 18 x 2	2 ea.

### Required tools

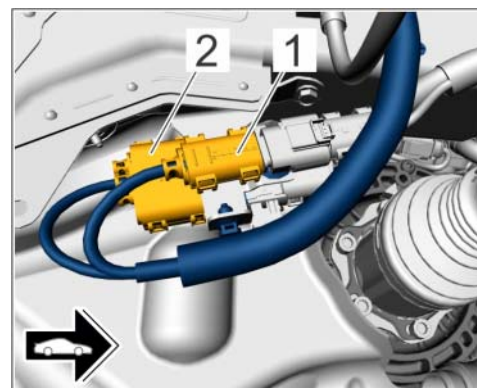
- Tools:
- Torque wrench, 2–10 Nm (1.5–7.5 ftlb.), e.g. **VAG 1783 Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**
  - Torque wrench, 6–50 Nm (4.5–37 ftlb.), e.g. **VAG 1331A Torque wrench, 6-50 Nm (4.5-37 ftlb.)**
  - Torque wrench, 40–200 Nm (30–148 ftlb.), e.g. **VAG 1332 Torque wrench, 40-200 Nm (30-148 ftlb.)**

- 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**

**Preparatory work**

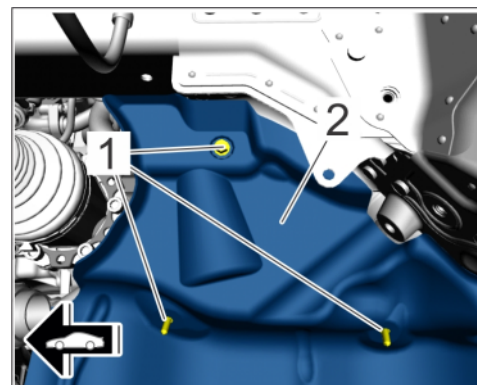
- Work Procedure: 1 Raise the vehicle using a lifting platform ⇒ *Workshop Manual '4X00IN Lifting the vehicle'*.
- 2 Remove both wheels on the front axle ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
- 3 Remove both front wheel housing liners ⇒ *Workshop Manual '505619 Removing and installing front wheel housing liner'*.
- 4 Remove front underbody cover ⇒ *Workshop Manual '519219 Removing and installing cover for front underbody'*.
- 5 **Only for vehicles with roll stabilization PDCC (I-no. 1P7):** Disconnect front PDCC lines.

- 5.1 Disconnect 48-volt vehicle electrical system ⇒ *Workshop Manual '2X00IN Work instructions for 48-volt vehicle electrical system'*.
- 5.2 Release and disconnect electric plug connection (**signal connector**) ⇒ *Pull off PDCC connector -1-*
- 5.3 Release and disconnect electric plug connection (**engine phase connector**) ⇒ *Pull off PDCC connector -2-*.



*Pull off PDCC connector*

- 6 Unscrew fastening screws ⇒ *Removing heat shield -1-* and remove heat shield ⇒ *Removing heat shield -2-* on left and right.

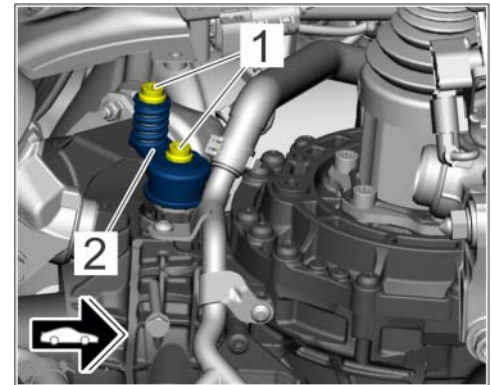


*Removing heat shield*

**Rework catalytic converter mounting**

Work Procedure: 1 Remove catalytic converter mounting **at the left and right** on the transmission.

To do this, unscrew both fastening screws ⇒ *Removing catalytic converter mounting* *Installing catalytic converter mounting -1-* and pull out the bracket ⇒ *Removing catalytic converter mounting* *Installing catalytic converter mounting -2-*.



*Removing catalytic converter mounting*

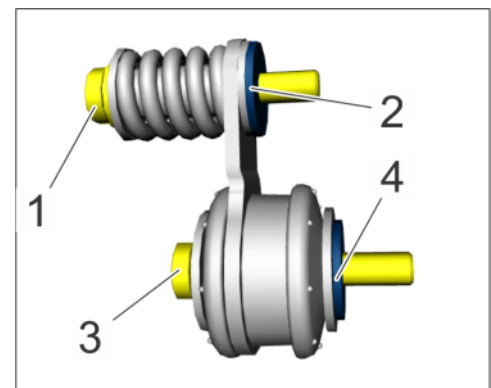
2 Rework mounting for catalytic converter by attaching the washers to be retrofitted.

2.1 Push washer ⇒ *Rework catalytic converter mounting -2-* onto the fastening screw ⇒ *Rework catalytic converter mounting -1-* on the bracket at the top.

Part No.	Designation	Qty.
PAF01167026	Washer 8.4 x 24 x 2	1 ea.

2.2 Push washer ⇒ *Rework catalytic converter mounting -4-* onto the fastening screw ⇒ *Rework catalytic converter mounting -3-* on the bracket at the bottom.

Part No.	Designation	Qty.
PAF901076	Washer 8.2 x 18 x 2	1 ea.

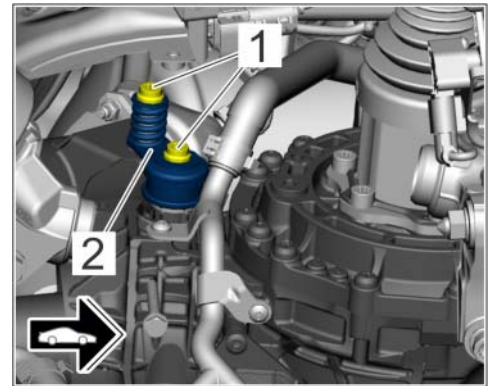


*Rework catalytic converter mounting*

3 Install catalytic converter mounting **at the left and right** on the transmission.

To do this, position the mounting in the installation position between the transmission and catalytic converter ⇒ *Removing catalytic converter mounting* *Installing catalytic converter mounting -2-*. Screw in and tighten fastening screws ⇒ *Removing catalytic converter mounting* *Installing catalytic converter mounting -1-*.

- Fastening screws: **Tightening torque 23 Nm (17ftlb.) Tightening torque 23 Nm (17ftlb.)**

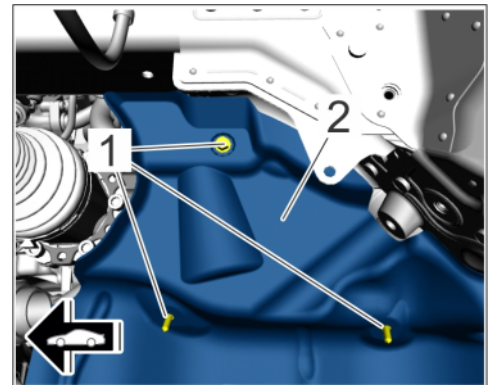


*Installing catalytic converter mounting*

**Concluding work**

Work Procedure: 1 Place heat shield ⇒ *Installing heat shield-2-* in installation position and screw in and tighten fastening screws ⇒ *Installing heat shield-1-*.

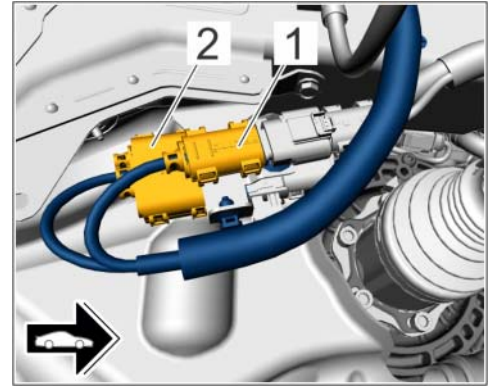
- Fastening screws: **Tightening torque 5 Nm (3.5 ftlb.)**



*Installing heat shield*

- 2 **Only for vehicles with roll stabilization PDCC (I-no. 1P7):** Connect front PDCC lines.
  - 2.1 Connect and lock electric plug connection (signal connector) ⇒ *Connecting PDCC connector-1-*.
  - 2.2 Connect and lock electric plug connection (engine phase connector) ⇒ *Connecting PDCC connector-2-*.

- 2.3 Start the 48 V vehicle electrical system ⇒ *Workshop Manual '2X00IN Work instruction for 48 V vehicle electrical system'*.
- 3 Install underbody cover ⇒ *Workshop Manual '519219 Removing and installing cover for front underbody'*.
- 4 Install both front wheel housing liners ⇒ *Workshop Manual '505619 Removing and installing front wheel housing liner'*.
- 5 Install both wheels on the front axle ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
- 6 Lower the vehicle and remove it from the lifting platform ⇒ *Workshop Manual '4X00IN Lifting the vehicle'*.



Connecting PDCC connector

## Warranty processing

Scope 1:

### Working time:

Reworking catalytic converter mounting

Labor time: **225 TU**

### Includes:

Raising and lowering the vehicle  
 Removing and installing wheels on the front axle  
 Removing and installing wheel housing shells on the front axle  
 Removing and installing front underbody cover  
 Removing and installing 48-volt vehicle electrical system  
 Removing and installing heat shield at the front left and right

### Parts required:

PAF01167026	Washer 8.4 x 24 x 2	2 ea.
PAF901076	Washer 8.2 x 18 x 2	2 ea.

⇒ **Damage Code WLL2 066 000 1**

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