

ALA4 - Replacing the Fuel Supply Line in the Engine Compartment (Delivery Stop / Recall Campaign)

Vehicle Type: **Cayenne Turbo (9YA) / Cayenne Turbo Coupé (9YB) / Cayenne Turbo S E-Hybrid Coupé (9YB)**

Model Year: **As of 2019 up to 2020**

Subject: **Fuel supply line in the engine compartment**

Information: **Due to a weakness in the quick connector component on the fuel supply line, the leak-tightness of the quick connector may not be guaranteed at very high engine compartment temperatures on affected vehicles.**

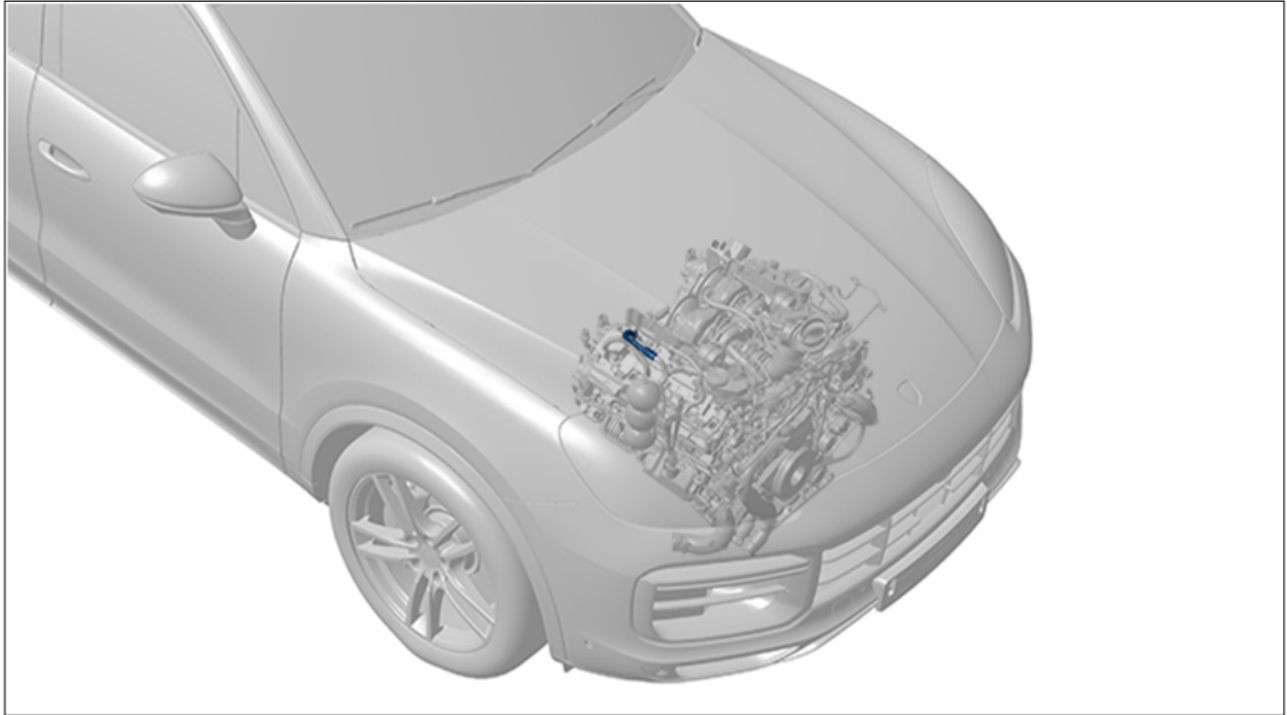
As a result, fuel may leak from the quick connector on the fuel supply line, which can be perceived as an odor.

Remedial Action: **Replace fuel supply line in the engine compartment.**

Affected Vehicles: **Only vehicles assigned to the campaign (see also PCSS Vehicle Information). This campaign affects 2,178 vehicles in North America.**

Installation

Position:



Installation location of fuel supply line

Parts required

- Use the following section for processing **Stop Delivery/ blocked vehicles** (invoicing: Scope 1):

Parts Info:

Part No.	Designation - Use	Qty.
PAB13398600	⇒ Fuel supply line	1 ea.

- Use the following section for processing **vehicles that have already been delivered** to customers (invoicing: Scope 2):

Part Info:

Part No.	Designation - Use	Qty.
00004391199	⇒ Fuel supply line	1 ea.

Required tools

- Suitable pliers for spring band clamps (locally available tool)

Preparatory work



Flammable or explosive materials

- **Danger of fire or explosion**
- ⇒ **Avoid contact with hot parts or sources of ignition.**
- ⇒ **Use suction to remove ignitable vapors.**
- ⇒ **Attach warning sign in a clearly visible position.**



Toxic substances

- **Danger of poisoning or suffocation**
- **Danger of burns to the eyes and skin**
- ⇒ **Ventilate the work area well.**
- ⇒ **Never ingest or inhale.**
- ⇒ **Read specific information on the Hazard Sheet.**
- ⇒ **Wear personal protective gear.**
- ⇒ **Do not smoke, eat or drink in the work area.**

- 1 Set up a warning sign "**No naked flames, fire, open ignition sources or smoking**" in a clearly visible position in the work area or on the vehicle
⇒ *Example of a warning sign.*

- 2 Relieve fuel pressure in the system.

- 2.1 Pull out fuse for fuel pump.



Information

The position of the fuse for the fuel pump is specified in the current wiring diagram in the PCSS Porsche Central Service System.

PCSS Porsche Central Service System ⇒ Information media ⇒ All media ⇒ Wiring diagrams



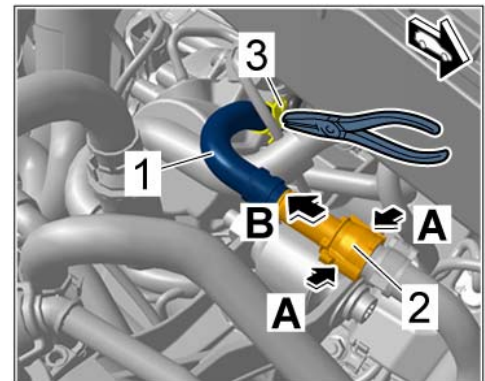
Example of a warning sign

- 2.2 Start the engine and wait until it cuts out.
- 2.3 Disconnect ground strap on the battery.
- 2.4 Re-insert previously removed fuse for fuel pump.
- 3 Have suitable aids ready for collecting emerging fuel.
- 4 Have suitable stoppers ready for closing off the line connections.
- 5 Remove engine cover (design cover) ⇒ *Workshop Manual '108319 Removing and installing engine cover (design cover) (V8 biturbo)'*.

Replace fuel supply line in the engine compartment

Work Procedure: 1 Remove fuel supply line ⇒ *Removing fuel supply line -1-*.

- 1.1 Press release buttons ⇒ *Removing fuel supply line -arrow A-* and then briefly press quick connector ⇒ *Removing fuel supply line -2-* towards the fuel connection piece to release the quick connector. Then pull the quick connector from the fuel connection piece ⇒ *Removing fuel supply line -arrow B-*.
- 1.2 Collect escaping fuel.
- 1.3 Loosen spring band clamp ⇒ *Removing fuel supply line -3-* at the fuel line connection using suitable pliers and then detach the fuel line.



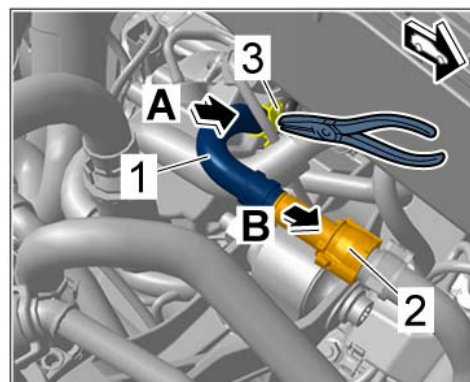
Removing fuel supply line



Information

During installation, please observe the installation marking on the fuel line and on the steel line.

- 2 Install a new fuel supply line ⇒ *Installing fuel supply line -1-*.
 - 2.1 Install fuel supply line using spring band clamp ⇒ *Installing fuel supply line -3-* (⇒ *Installing fuel supply line -arrow A-*).
 - 2.2 Push quick connector ⇒ *Installing fuel supply line -2-* onto fuel adapter ⇒ *Installing fuel supply line -arrow B-* until it engages securely with an audible click.



Installing fuel supply line

Concluding work

- Work Procedure: 1 Connect ground strap to the battery ⇒ *Workshop Manual '2X00IN Work instructions after disconnecting the battery'*.
- 2 Start the engine briefly and check the fuel system for leaks.
 - 3 Install engine cover (design cover) ⇒ *Workshop Manual '108319 Removing and installing engine cover (design cover) (V8 biturbo)'*.
 - 4 Enter the campaign in the Warranty and Maintenance booklet (only for vehicles that have already been delivered).

Warranty processing

- Scope 1: • **Only valid for vehicles in the Stop Delivery Campaign**

Working time:		
Replacing fuel supply line in the engine compartment		Labor time: 31 TU
Includes:		
Relieving fuel pressure in fuel system		
Disconnecting and connecting ground strap on the battery		
Removing and installing engine cover (design cover)		
Checking fuel system for leaks		
Carrying out work instruction after disconnecting the battery		
Parts required:		
PAB13398600	Fuel supply line	1 ea.
⇒ Damage Code ALA4 099 000 2		

Scope 2:

- **Only valid for vehicles that have already been delivered**

Working time:

Replacing fuel supply line in the engine compartment

Labor time: **47 TU**

Includes:

- Relieving fuel pressure in fuel system
- Disconnecting and connecting ground strap on the battery
- Removing and installing engine cover (design cover)
- Checking fuel system for leaks
- Carrying out work instruction after disconnecting the battery

Parts required:

00004391199

Fuel supply line

1 ea.

⇒ **Damage Code ALA4 099 000 2**

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