

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

Revision: This bulletin replaces bulletin Group 2 80/20 ALA4, dated June 11, 2020.

Model Year: **As of 2018 up to 2020**

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

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

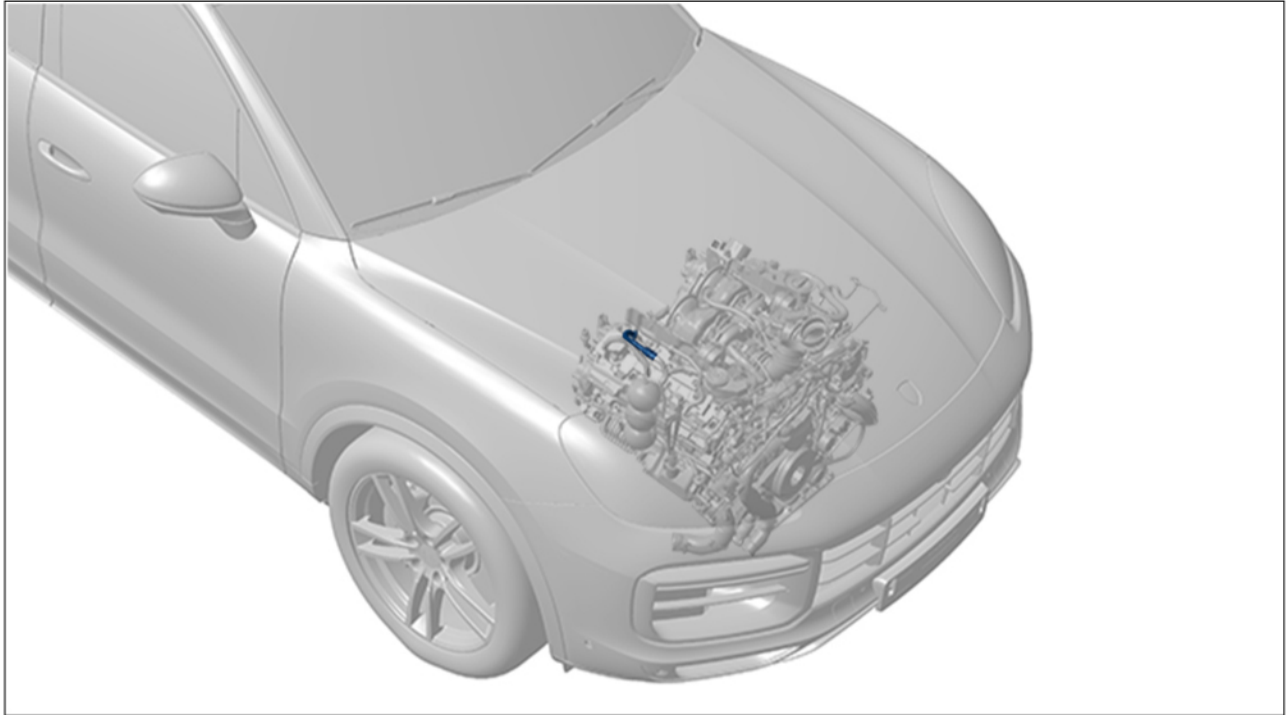
Information: **Due to a weakness in the quick connector component on the fuel supply line, the leak-tightness of the quick connector may not be guaranteed at very high engine compartment temperatures on affected vehicles.**

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

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

⚠ WARNING

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.

⚠ WARNING

Toxic substances

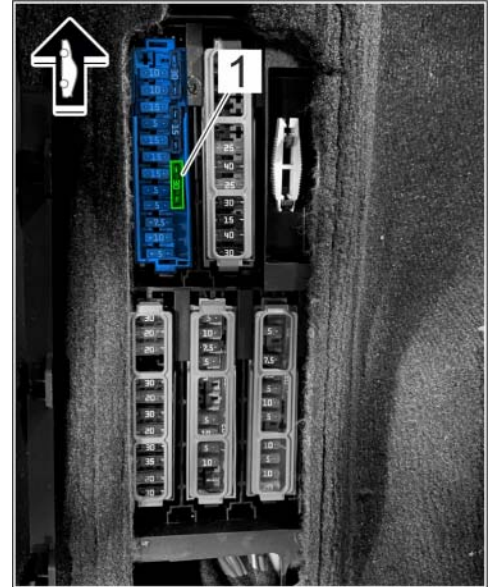
- Danger of poisoning or suffocation
- Danger of burns to the eyes and skin
- ⇒ Ventilate the work area well.
- ⇒ Never ingest or inhale.
- ⇒ Read specific information on the Hazard Sheet.
- ⇒ Wear personal protective gear.
- ⇒ Do not smoke, eat or drink in the work area.

- 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 Remove the footrest ⇒ *Workshop Manual '703519 Removing and installing the footrest'.*



Example of a warning sign

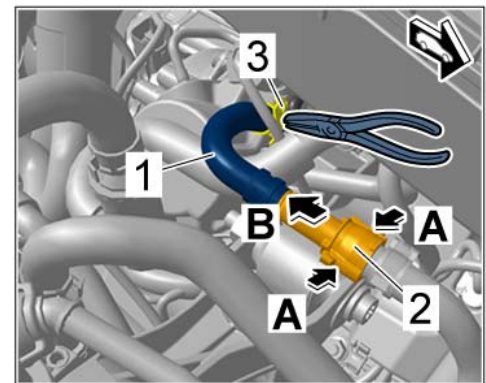
- 2.2 **Pull fuse item 16** for fuel pump ⇒ *Item: fuse for fuel pump -1-* off the fuse carrier.
 - 2.3 Start the engine and wait until it cuts out.
 - 2.4 Disconnect ground strap on the battery.
 - 2.5 Re-insert previously removed fuse for fuel pump.
 - 2.6 Install the footrest ⇒ *Workshop Manual '703519 Removing and installing the footrest'*.
- 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)'*.



Item: fuse for fuel pump

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.

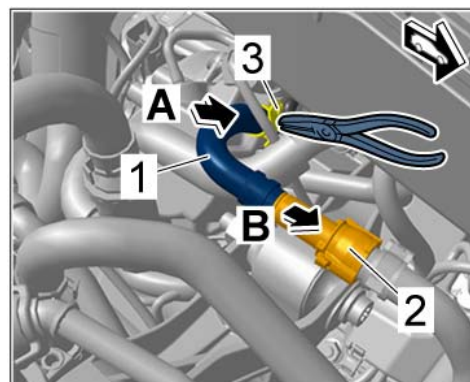
- 2 Install a new fuel supply line ⇒ *Installing fuel supply line -1-*.
 - 2.1 Fit fuel supply line using spring band clamp ⇒ *Installing fuel supply line -3-* (⇒ *Installing fuel supply line -arrow A-*).
 - 2.2 Push quick connector ⇒ *Installing fuel supply line -2-* onto fuel adapter ⇒ *Installing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



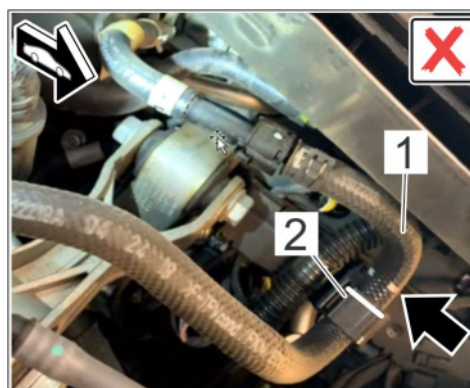
Information

When installing the fuel supply line, make sure to install the fuel line ⇒ *Installation position of fuel line -1-* at its original installation position.

The white marking you made on the fuel line ⇒ *Installation position of fuel line -Arrow-* must be positioned on the line clip ⇒ *Installation position of fuel line -2-* and not outside of the line clip as shown in ⇒ *Installation position of fuel line*.



Installing fuel supply line



Installation position of fuel 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 Sale 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:

00004391199 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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