

Left Fuel Delivery Unit with Transfer Fuel Pump

Special tools and workshop equipment required

- ◆ Wrench -T10202-

Removing

Observe safety precautions. Refer to → [Chapter „Safety Precautions“](#).

Observe rules for cleanliness. Refer to → [Chapter „Clean Working Conditions“](#).



Caution

To remove the fuel delivery unit, the fuel tank may only be filled to a maximum of $\frac{1}{3}$. Empty fuel tank if necessary. Refer to → [Chapter „Fuel Tank, Draining“](#).

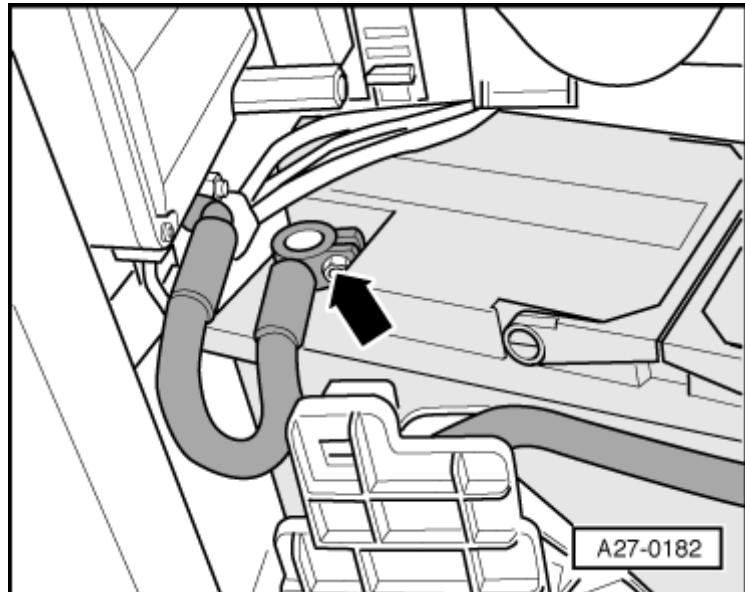


Caution

Observe measures when connecting battery.

- With ignition switched off, disconnect Battery Ground (GND) cable -arrow-. Refer to → [Electrical Equipment; Rep. Gr.27](#).

Luggage compartment mat



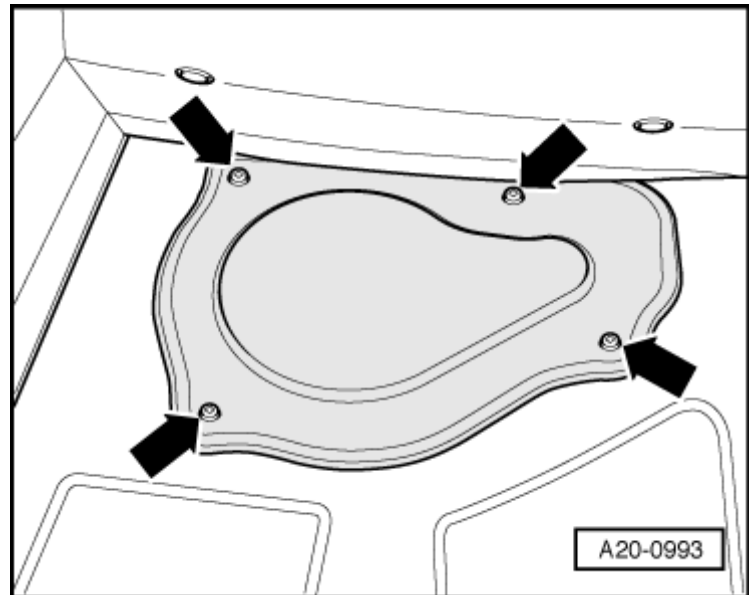
- Remove trim for luggage compartment floor.



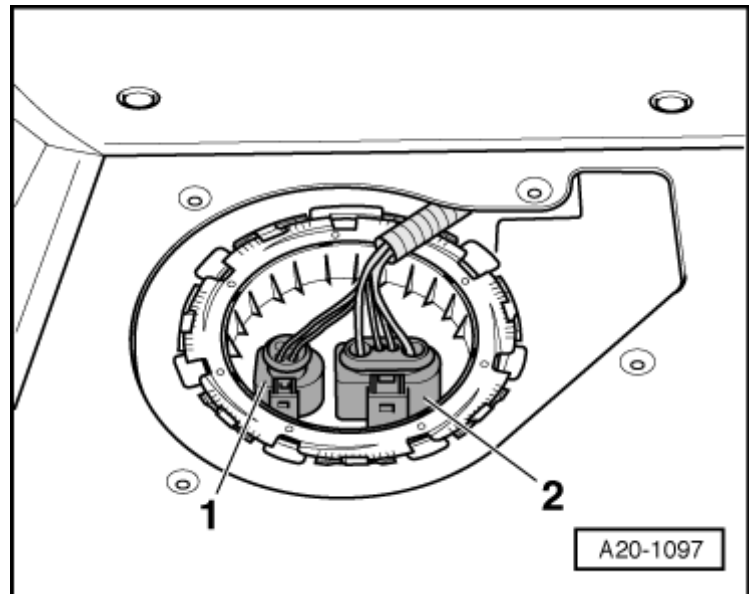
Note

To remove and install fuel delivery unit, remove vehicle tool kit and spare wheel from luggage compartment. It is then possible to sit or kneel in spare wheel well.

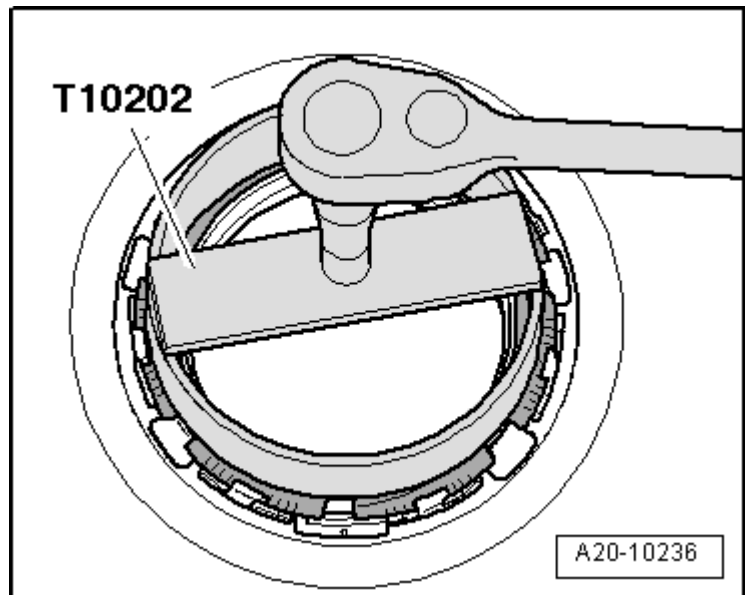
- Unbolt cover for left locking flange -arrows-.



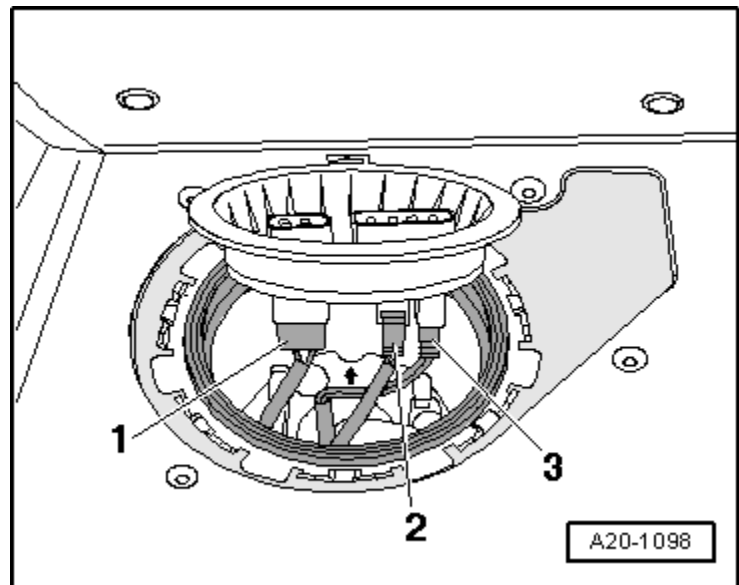
- Disconnect electrical connectors -1- and -2- at left locking flange.



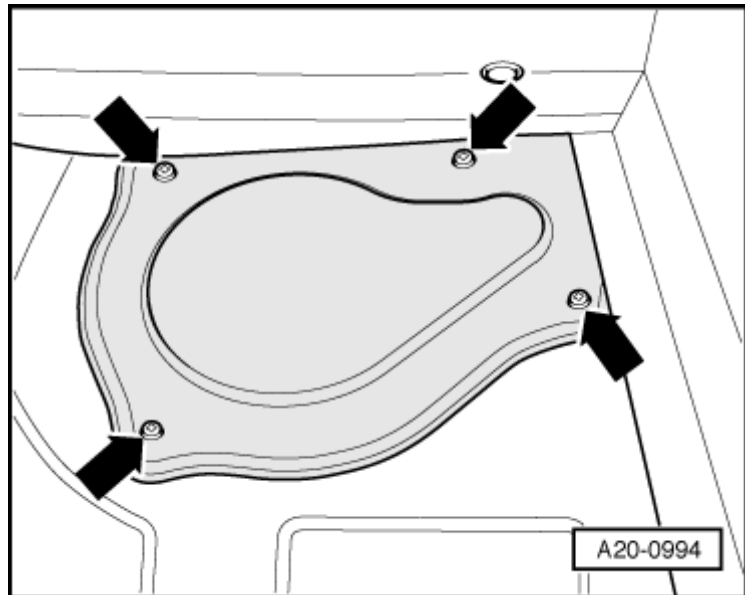
- Remove locking ring with Wrench -T10202-.



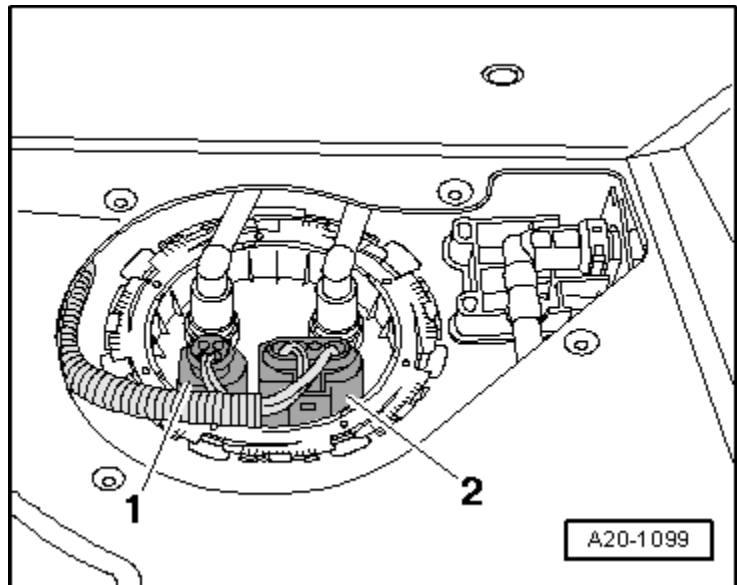
- Pull off locking flange and remove the seal.
- Separate the electrical connectors -1 to 3- on the underside of the left locking flange.



- Unbolt cover for right locking flange -arrows -.



- Disconnect electrical connectors -1- and -2- at right locking flange.

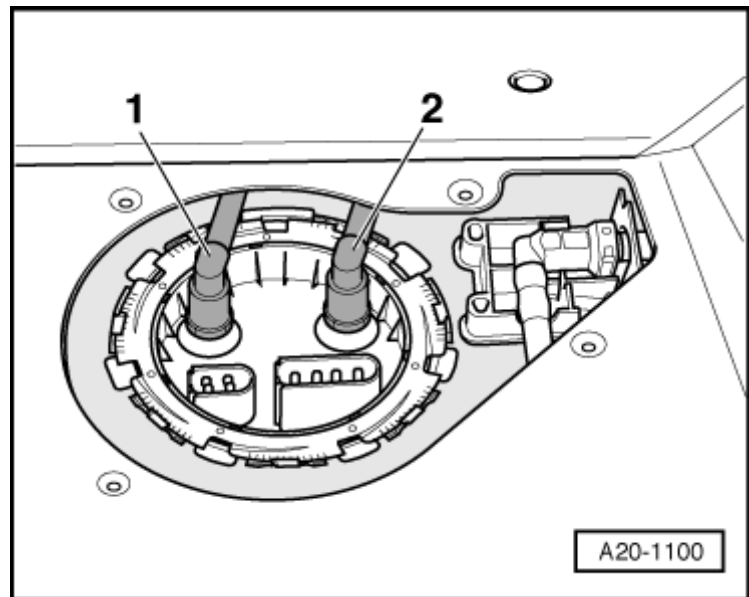


- Mark the fuel return line -1- and fuel supply line -2-.

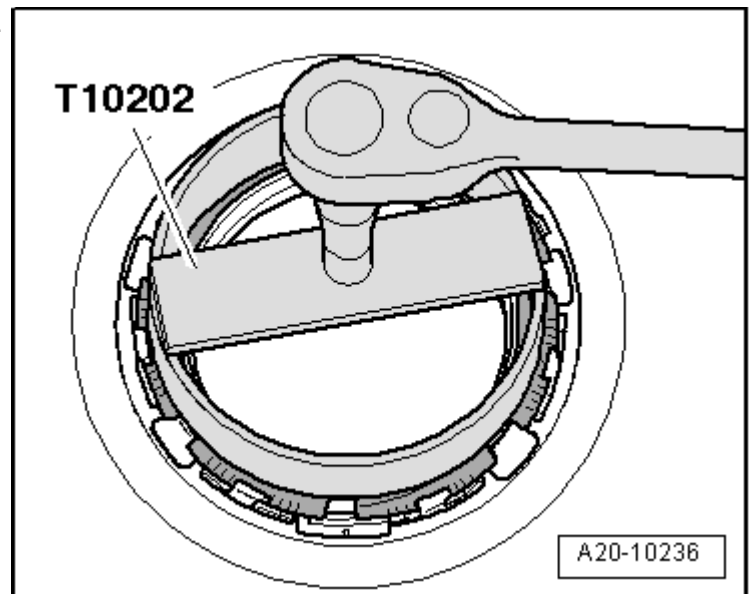
**WARNING**

Fuel system is under pressure! Before opening system, place clean rags around the connection. Then release pressure by carefully loosening the connection.

- Pull both lines from locking flange, by pressing the release buttons.

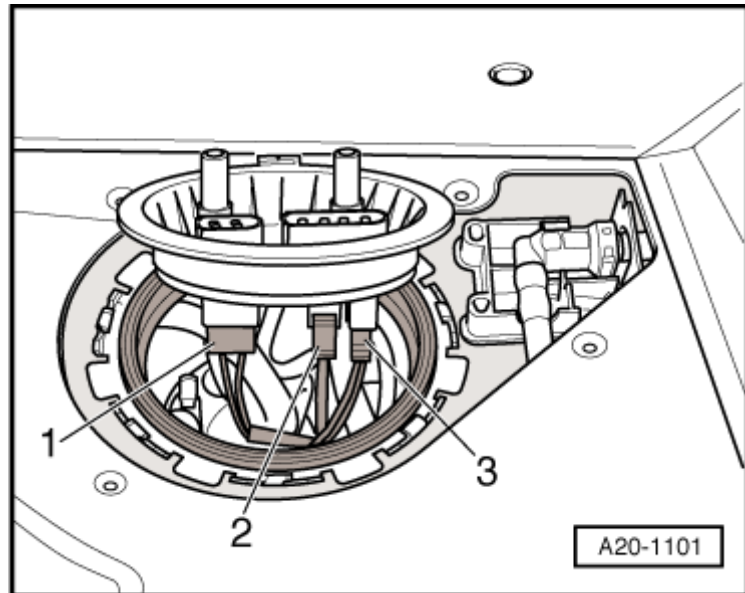


- Remove locking ring with Wrench -T10202-.



- Pull off locking flange and remove the seal.
- Separate the electrical connectors -1 to 3- on the underside of the right locking flange.

**Note**



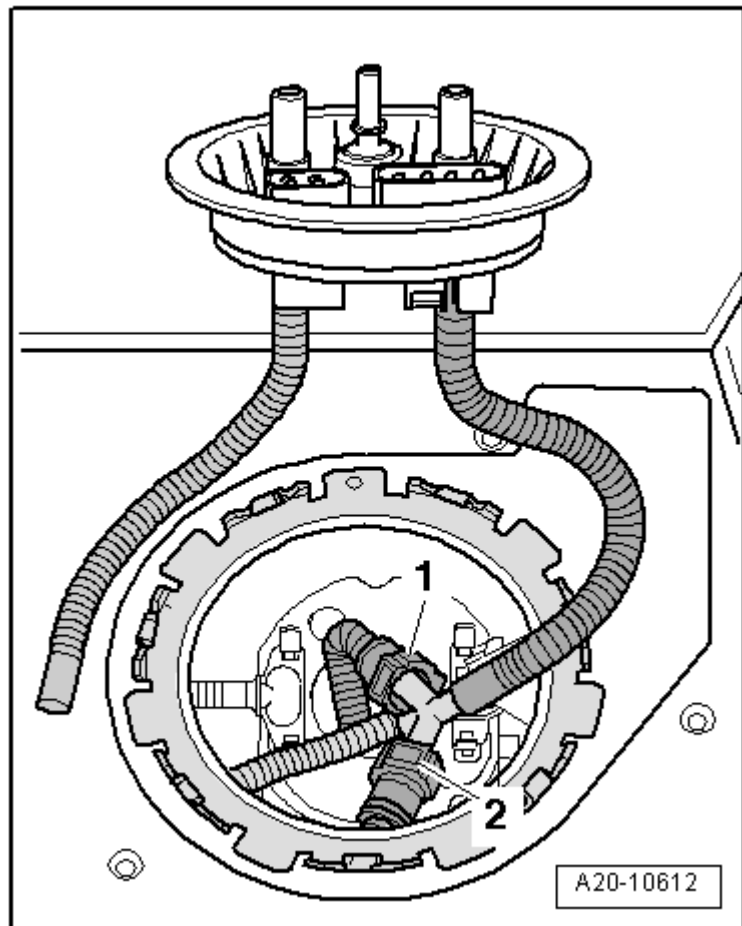
To separate the line couplings that are mentioned later in the description, pull the fuel lines out of the fuel tank opening.

- Press the release button and disconnect the fuel supply line -2- leading to the fuel delivery unit through the right opening in the fuel tank.



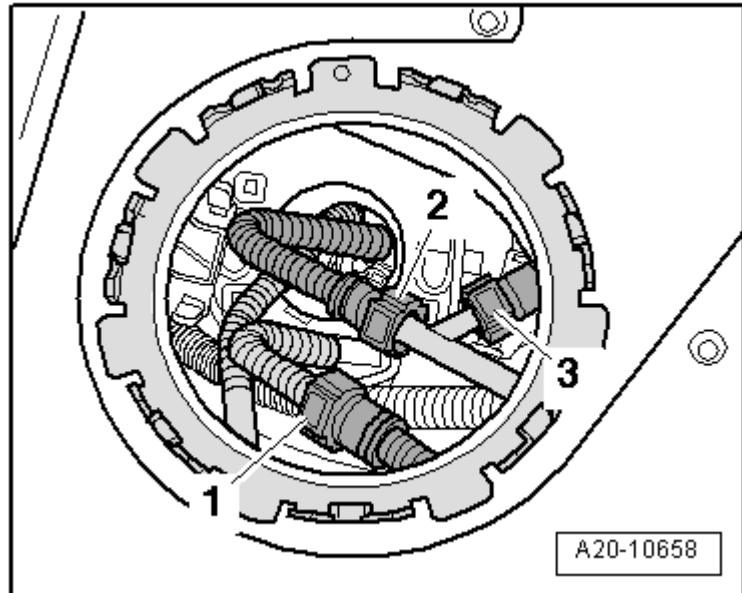
Note

Ignore -1-.

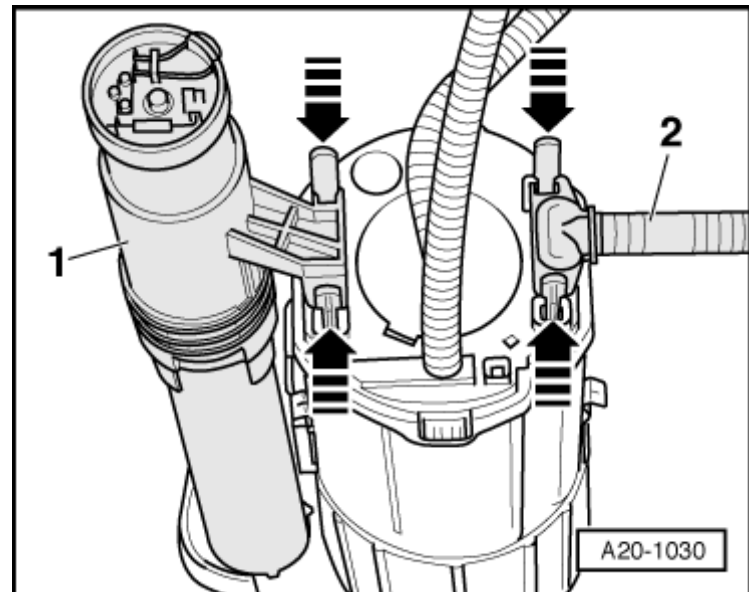


- Through the left opening in the fuel tank, press the release button and disconnect the overflow line -1-, the suction jet line -2- to the right suction jet pump and the suction jet line -3- to the left fuel delivery unit.

- After separating the fuel lines, pull them out of the left fuel tank opening.



- Through the left fuel tank opening, press the release buttons -arrows- and remove the fuel delivery line -2- and the Fuel Level Sensor 3 -G237--1-.
- Swing Fuel Level Sensor 3 -G237- aside to left.



- Press down both retaining clasps on the fuel delivery unit support -arrows-.
- Remove fuel delivery unit.

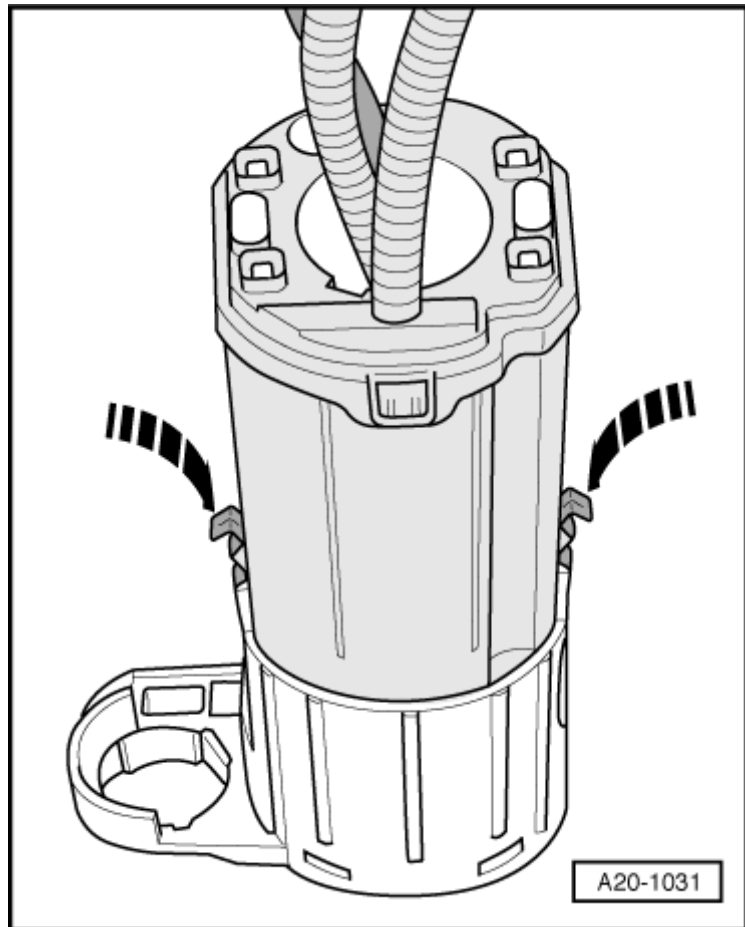


Note

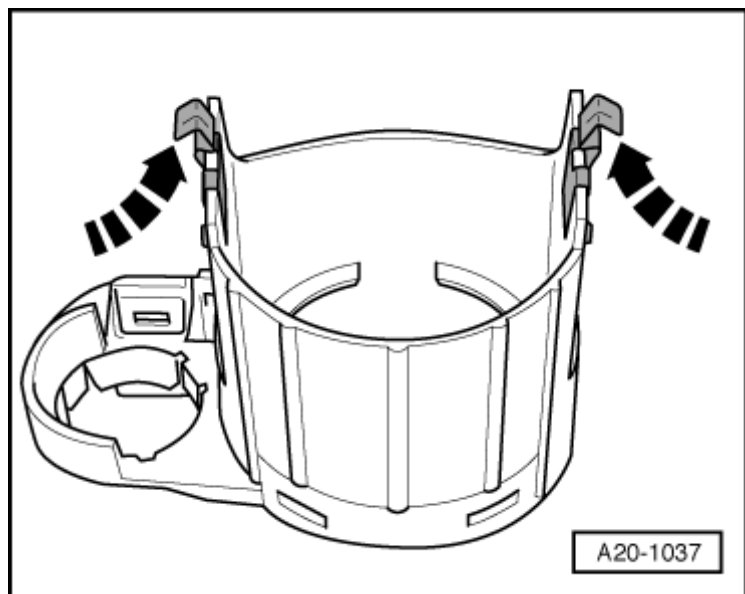
Be aware that fuel is still in the fuel delivery unit.

Installing

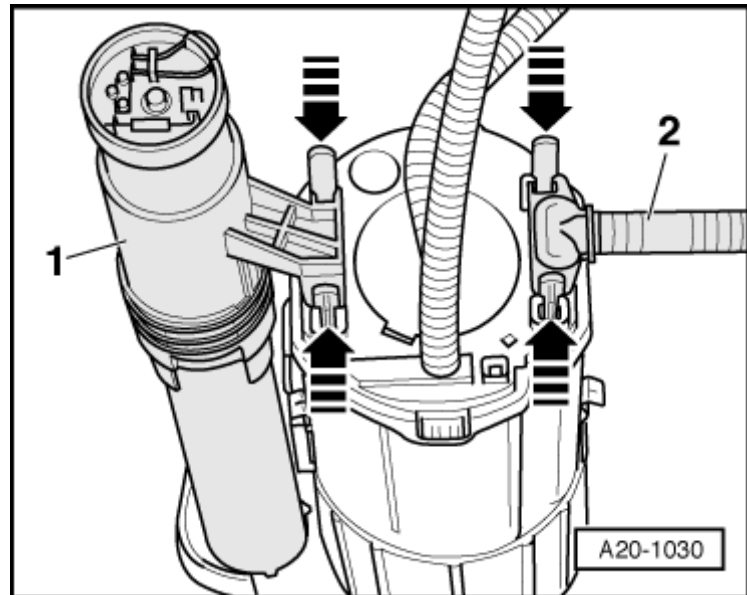
- Tightening specifications. Refer to → [Chapter „Left Fuel Delivery Unit with Transfer Fuel Pump and Fuel Gauge Assembly Overview“](#).



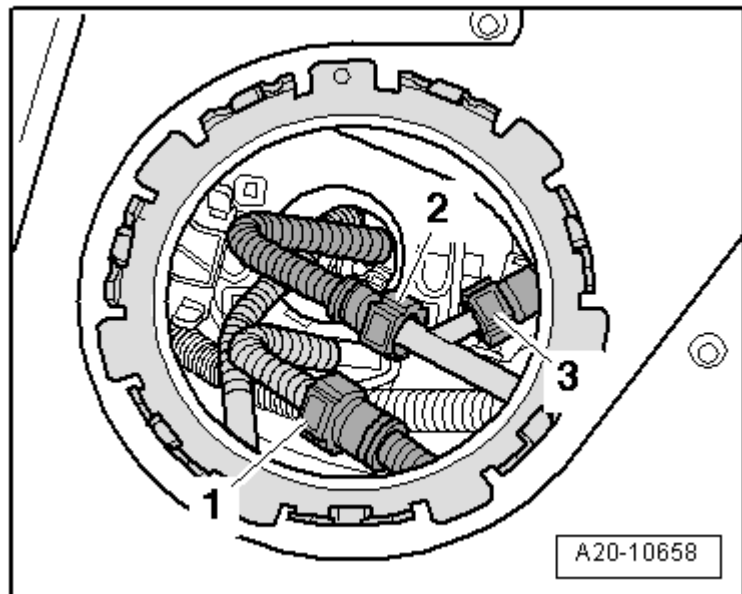
- Before installing the fuel delivery unit, pull the retaining clasps on the support upward until it engages -arrows-.
- Carefully press the fuel delivery unit into the support until it engages audibly.



- Insert the fuel delivery line -2- and the Fuel Level Sensor 3 -G237--1- until it engages audibly.
- Slide the fuel supply line from the left fuel delivery unit through the right fuel tank chamber.



- Through the left fuel tank opening, push the overflow line -1-, the suction jet pipe -2- the right suction jet pump and the suction jet pipe -3- for the left fuel delivery unit so that they audibly engage.

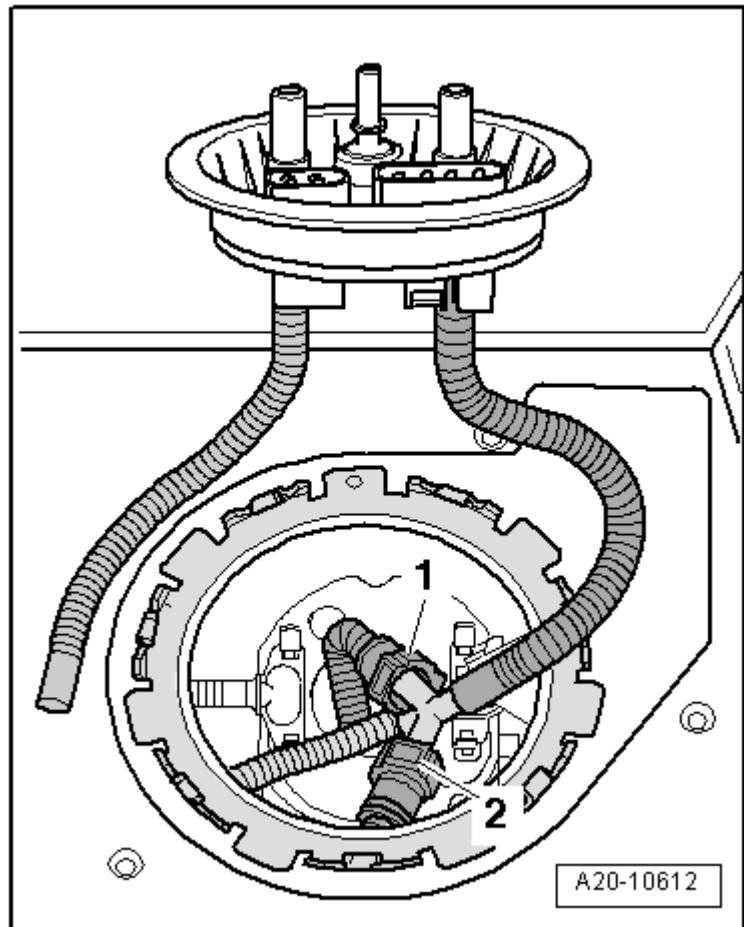


- Install the fuel supply line -2- through the right opening in the fuel tank until it audibly engages.

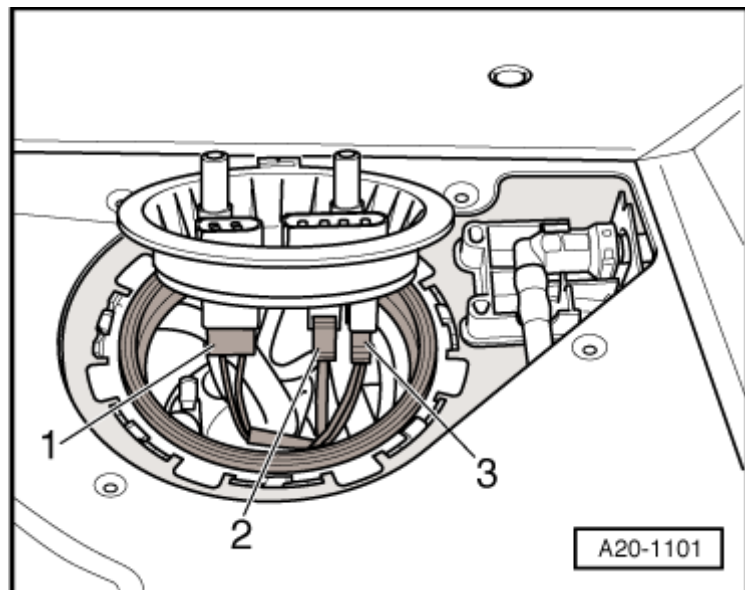


Note

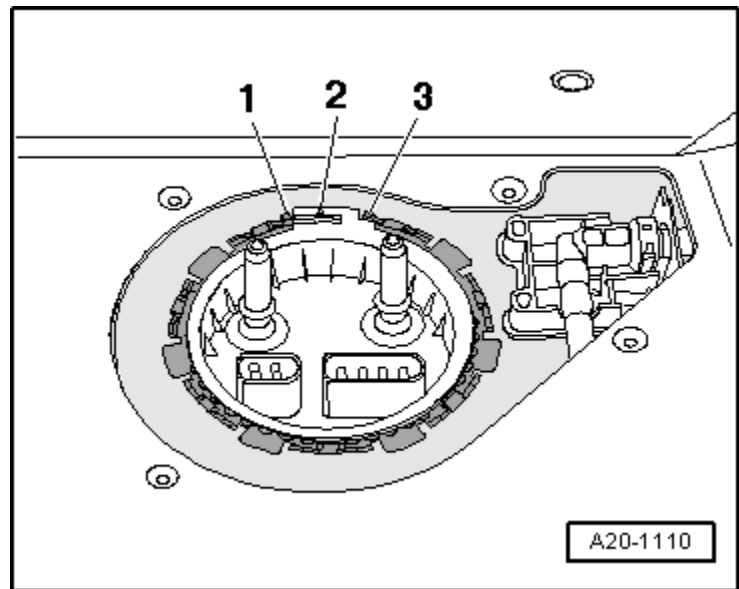
Ignore -1-.



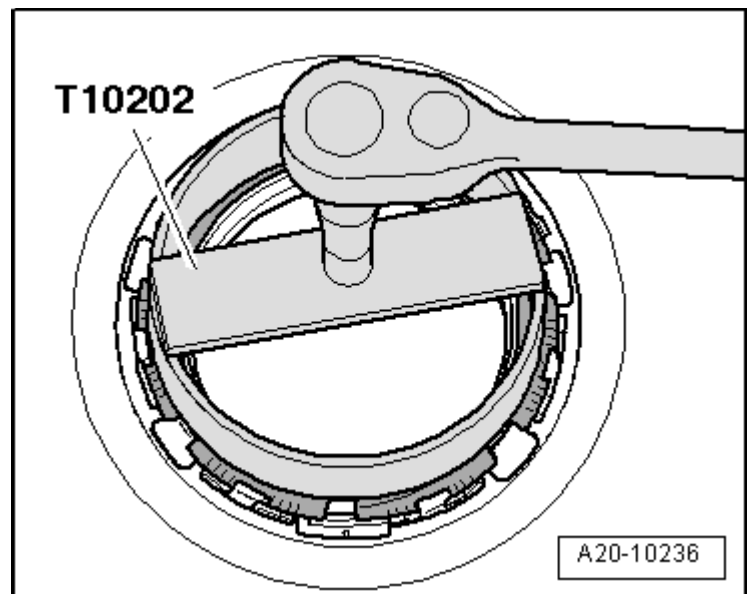
- Connect the electrical connectors -1 to 3- on the underside of the right locking flange.
- Install the new locking flange seal dry.
- Insert locking flange in fuel tank, note installation position:
- The return line hose must be routed into the opening in the center of the fuel delivery unit.



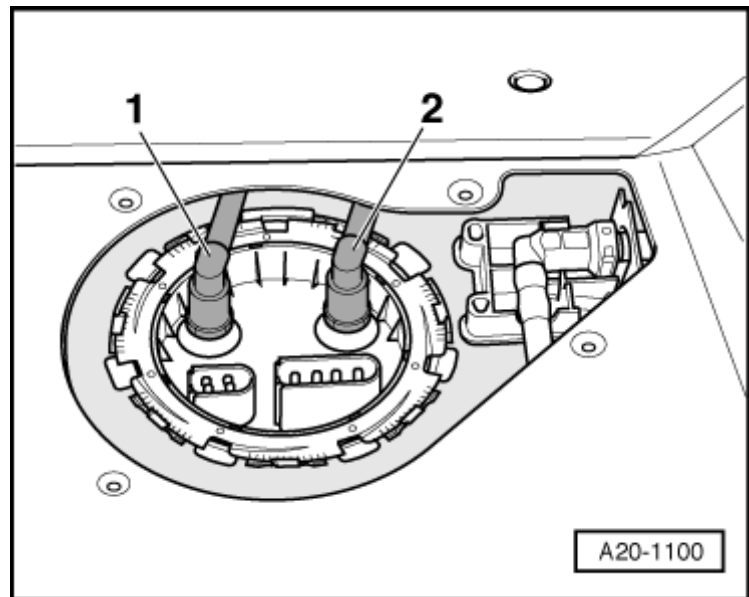
- The tab -2- on locking flange must lie between tabs -1- and -3- on fuel tank.



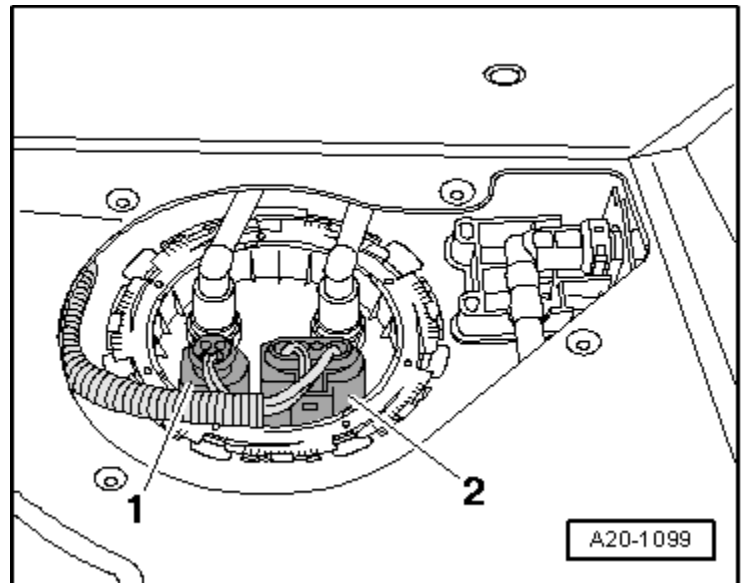
- Tighten locking ring.



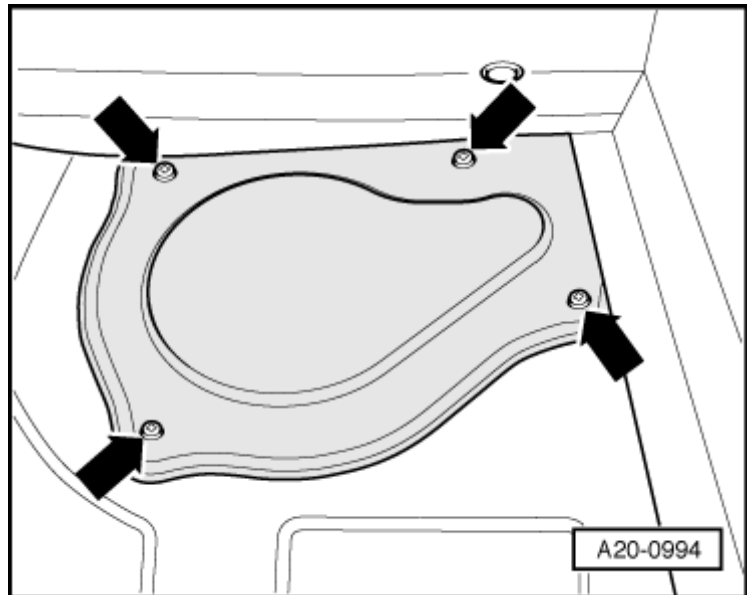
- Install fuel supply line -2- and fuel return line -1- according to marking until they engage audibly.



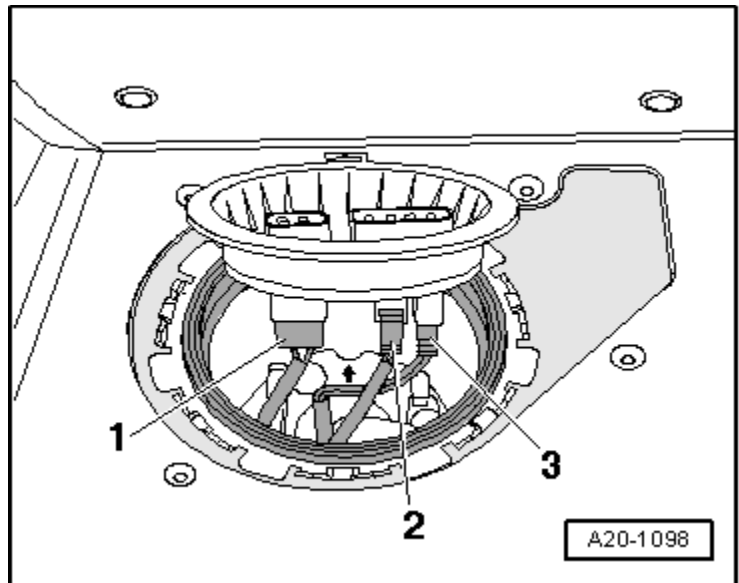
- Connect electrical harness connectors -1- and -2- to right locking flange.



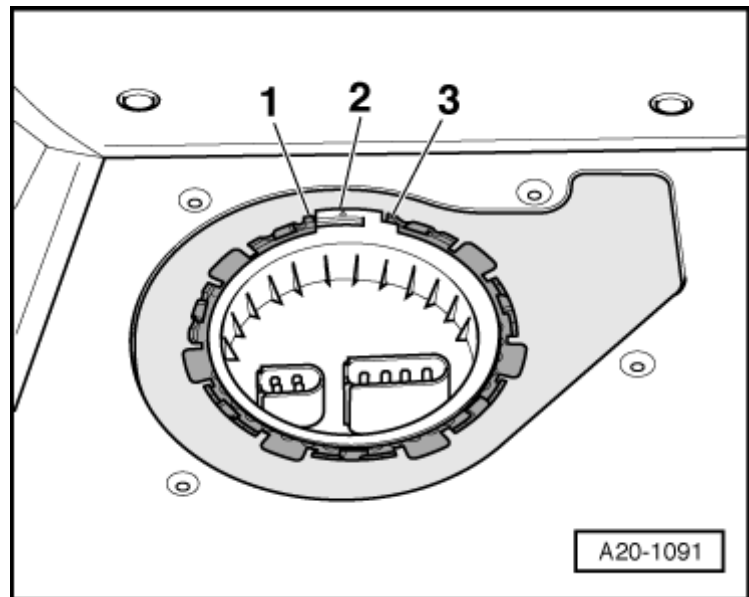
- Fasten the cover for right locking flange - arrows-.



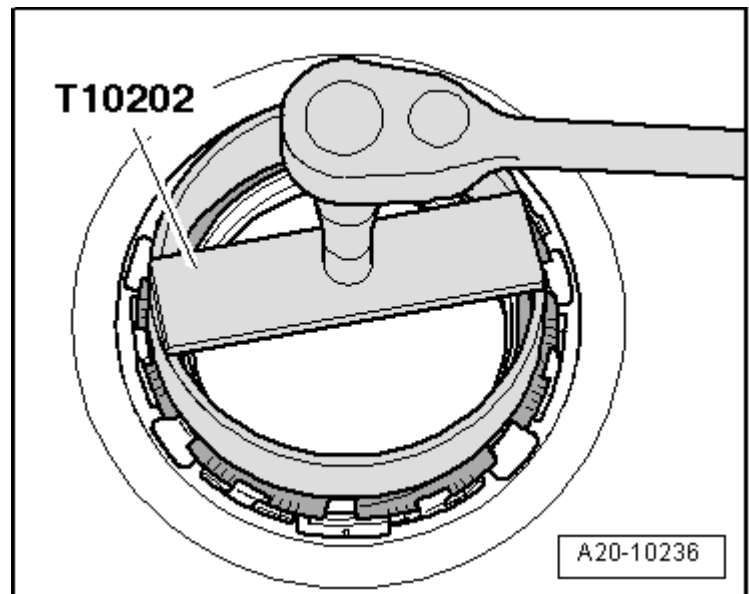
- Connect the electrical connectors -1 to 3- on the underside of the left locking flange.
- Install the new locking flange seal dry.
- Insert locking flange in fuel tank, note installation position:



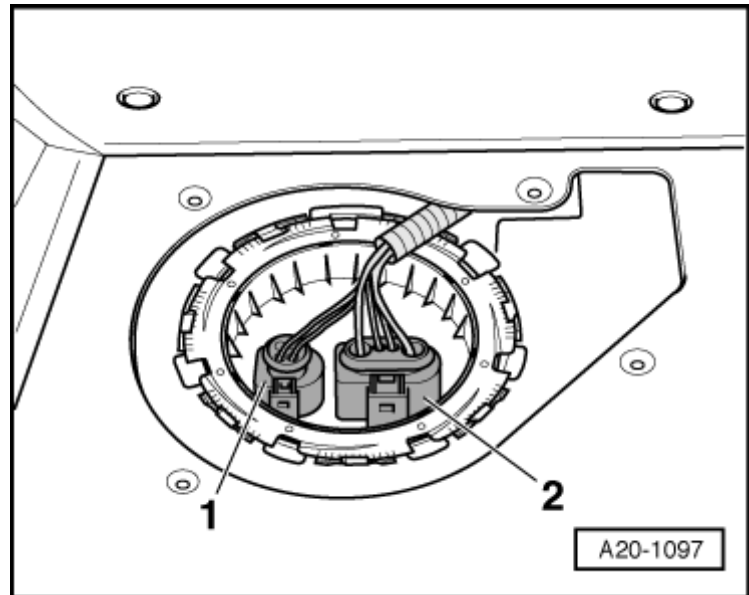
- The tab -2- on locking flange must lie between tabs -1- and -3- on fuel tank.



- Tighten locking ring.



- Connect electrical harness connectors -1- and -2- to left locking flange.



- Fasten the cover for left locking flange - arrows-
- Connect battery. Observe safety precautions after connecting battery. Refer to →[Electrical Equipment; Rep. Gr.27](#).
- After installing, fuel vehicle with at least 5 liters of fuel

