

Audi > Q7 > 2007

Fuel Supply System

20 - Removal and Installation

.

Fuel Filter

Special tools, testers and auxiliary items required

- ♦ Wrench T10202

Removing

Observe safety precautions ⇒ [Safety Precautions](#) .

Observe rules for cleanliness ⇒ [Clean Working Conditions](#) .

- Position drivers seat as far back and up as possible using full seat adjustment range.

CAUTION!

Risk of destroying electrical components when battery is disconnected.

- ♦ Observe measures when disconnecting battery.

- Disconnect battery ⇒ [Electrical Equipment - Repair Group 27](#) .

CAUTION!

Danger of fuel entering vehicle interior.

- ♦ To remove the fuel filter, the fuel tank may only be filled to a maximum of $\frac{1}{2}$.

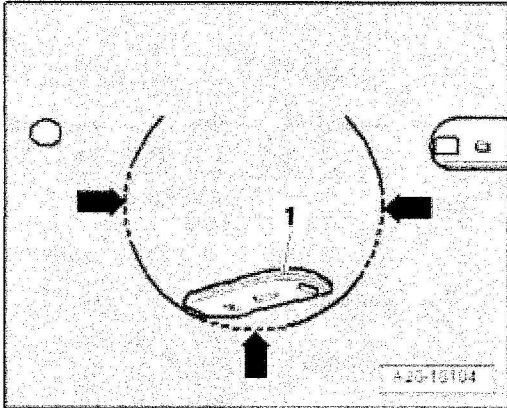
- Empty fuel tank if necessary. Procedure: ⇒ [Fuel Tank, Emptying](#) .

- Remove 2nd row left seat cushion ⇒ [Body Interior - Repair Group 72](#) .

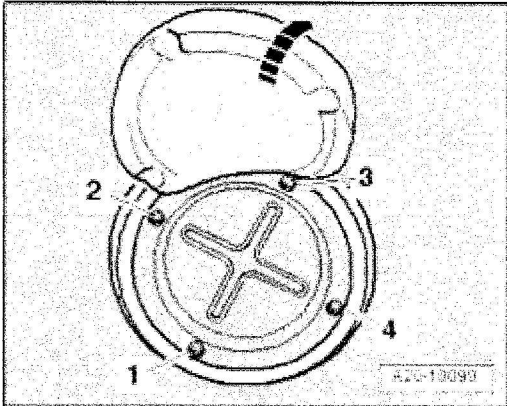
CAUTION!

Risk of injury.

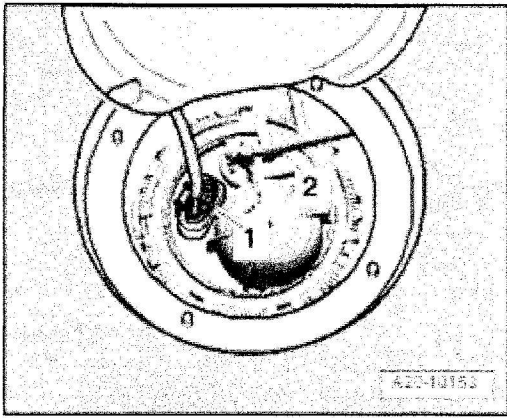
- ♦ Wear protective gloves!



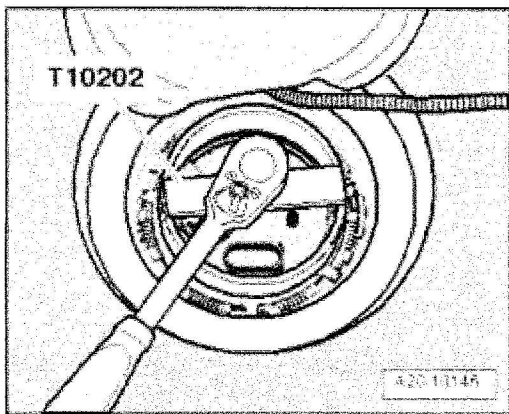
- Cut floor covering at left with a standard box cutter - **1** - along the perforation - **arrows** -



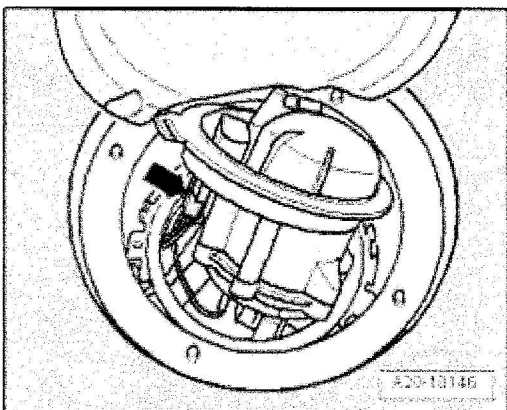
- Fold carpet cut-out to side - **arrow** - .
- Remove nuts - **1 to 4** - and remove left locking flange cover.



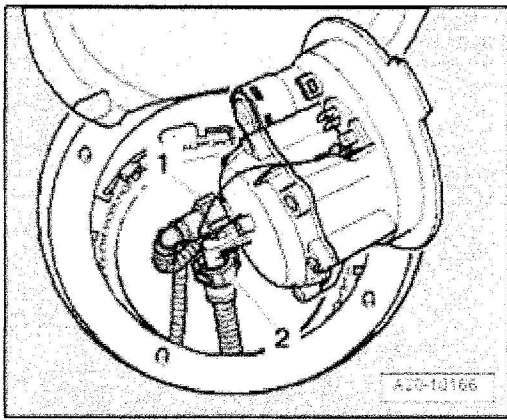
- Disconnect electrical harness connector - **1** - at left locking flange.
- Disconnect vent line - **2** - by pressing release button.



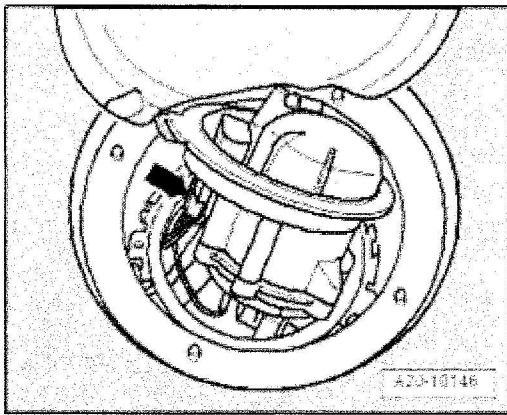
- Remove locking ring with wrench T10202 .



- Pull left locking flange with fuel filter housing and gasket out of fuel tank slightly.
- Disconnect electrical connector on underside of locking flange - **arrow** - .



- Disconnect fuel lines - 1 - and - 2 - from left locking flange by pressing release button.
- Remove left locking flange with fuel filter housing and seal.



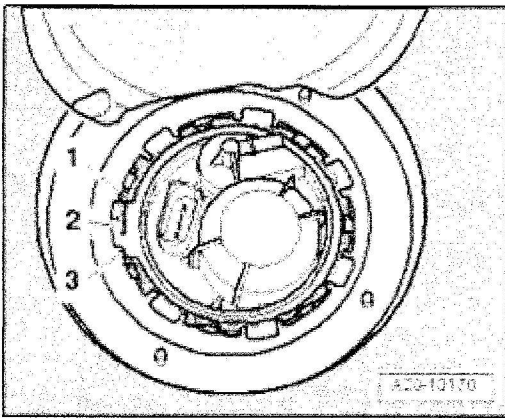
Installing

- ♦ Tightening specifications ⇒ [Fuel Delivery Unit and Fuel Level Sensor, Assembly Overview](#) .

Installation is in reverse order of removal, note the following:

Note:

- ♦ *Replace seal.*
- Connect electrical connector - **arrow** - on underside of left locking flange.



- Install new locking flange seal dry.
- Bring left locking flange to installation position.
- ♦ Tab - **2** - on left locking flange faces toward arrow marking and must lie between tabs - **1** - and - **3** - on fuel tank.
- Install locking flange cover.
- Install tank access carpet frame in floor covering ⇒ Body Interior - Repair Group 70 .
- Install 2nd row left seat cushion ⇒ Body Interior - Repair Group 72 .
- Connect battery. Observe safety precautions after connecting battery ⇒ Electrical Equipment - Repair Group 27 .

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