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Your Vehicle: 2010 Audi Q7 Quattro (4LB) V6-3.0L DSL Turbo (CATA)



<u>Vehicle</u> » <u>Engine</u>, <u>Cooling and Exhaust</u> » <u>Engine</u> » <u>Fuel Filter</u> » <u>Service and Repair</u> » <u>Fuel Filter</u>, <u>Vehicles</u> With Vertical Fuel Filter

Fuel Filter, Vehicles With Vertical Fuel Filter

Fuel Filter, Vehicles with Vertical Fuel Filter

Special tools, testers and auxiliary items required

Mathematical Ma

Removing

Follow all safety precautions. Refer to => [Safety Precautions] <u>See: Powertrain Management\Fuel Delivery and Air Induction\Service Precautions\Safety Precautions\Fuel Supply System</u>.

Follow the guidelines for cleanliness. Refer to => [Clean Working Conditions] <u>See: Powertrain Management\Fuel Delivery and Air Induction\Service Precautions\Clean Working Conditions\Fuel Supply System.</u>

• Place a clean cloth under the separating location to catch any fuel that may leak out.

Very hot fuel can burn skin.

- In extreme cases, the fuel lines and the fuel itself in vehicles with a common rail engine can be as hot as 100 °C (212 °F) after the engine has been turned off. Let the fuel cool down before opening any line connections otherwise there is a danger of scalding.
- **m** Wear protective gloves.
- **x** Wear safety glasses.

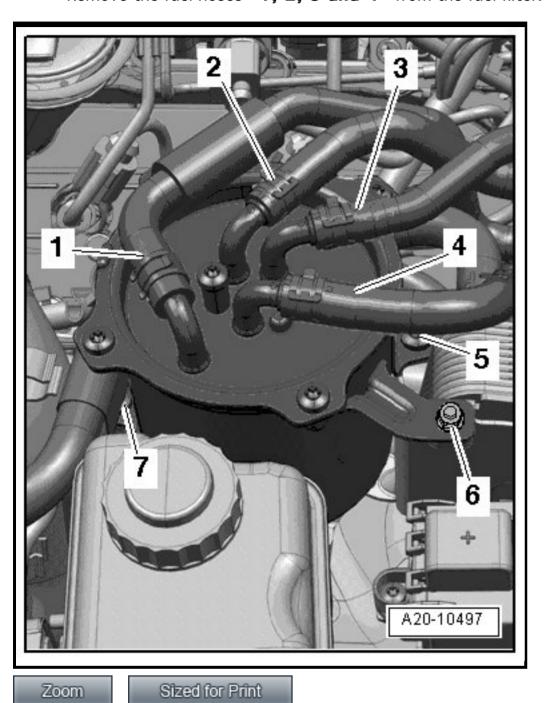
There is a risk of injury because the fuel is under pressure.

To reduce pressure in the fuel system, lay a clean cloth around the connector and carefully loosen

connector.

Always observe the rules for cleanliness when working on the injection system. Refer to => [Clean Working Conditions] See: Powertrain Management\Fuel Delivery and Air Induction\Service Precautions\Clean Working Conditions\Fuel Supply System.

• Remove the fuel hoses - 1, 2, 3 and 4 - from the fuel filter.



- Remove the bolts 5 and 7 as well as the nut 6 -.
- Remove the fuel filter.

Installing

Install in reverse order, paying attention to the following:

- ¤ For the correct tightening specifications, refer to => [Fuel Filter Overview, Vehicles with Vertical Fuel Filter] <u>See: Fuel Filter Overview, Vehicles With Vertical Fuel Filter</u>.
- Secure all hose connections with spring-type clamps appropriate for the model. Refer to the Parts Catalog.
 - Connect the fuel hoses as follows:
- VF Supply hose to the fuel filter
- VM Supply hose to the engine
- RF Return hose to the fuel filter

RT Return hose to the fuel system cooler

Vehicles through May 2010

• Bleed the fuel system.

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