

2007-2015 Audi Q7 | Advanced | 2-3 hours | \$420 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack
Stands Fuel Line Disconnect Tool Torque
Wrench

PARTS

Fuel Pump Assembly 4L0919051A \$350.00
Fuel Filter 4L0919673A \$50.00
Fuel Tank Seal 4L0919673B \$20.00

STEPS

- 1 Relieve fuel pressure and disconnect power - Work outdoors or in a well-ventilated area -** no sparks or open flame. Relieve fuel-rail pressure on the Audi Q7 per the service manual (often by pulling the fuel-pump fuse/relay and cranking briefly). Disconnect the negative () batter...
- 2 Access the fuel pump module - Most vehicles use an in-tank pump reached through an access** panel under the rear seat or trunk carpet; others require dropping the tank. Clear the access area, support the tank if lowering it, and keep a drain pan ready for spilled fuel.
- 3 Disconnect lines and electrical connector - Unplug the pump/sending-unit connector.** Release the quick-connect fuel lines with the proper disconnect tools - expect some spillage. Cap open lines to keep debris out.
- 4 Remove the lock ring and lift the module - Clean dirt away from the lock ring first so it** cannot fall into the tank. Use a brass punch or lock-ring tool to rotate the ring free. Lift the pump module straight up, angling carefully past the float arm. Note clock orientation.
- 5 Transfer parts and install the new pump - Compare the new module/pump assembly. Transfer** the fuel-level sender, strainer/sock, spacers, or lock ring if required. Install a new tank seal/O-ring lightly lubricated with clean fuel or the specified grease - never reuse a flattened s...
- 6 Seat the module, repressurize, and leak-check - Lower the module in the correct** orientation, seat the seal evenly, and tighten the lock ring fully. Reconnect fuel lines until they click and plug in the electrical connector. Refit the access cover or raise/secure the tank. Reconnect the...