Fuel pump, US (incl. E85)

**Warning**

The work involved in removing the fuel pump requires working with the vehicle's fuel system. The following points should therefore be heeded in conjunction with these measures:

- Have a class BE fire extinguisher on hand! Be aware of the risk of sparks, i.e. in connection with electric circuits, short-circuiting, etc.

- Absolutely No Smoking!

- Ensure good ventilation! If there is approved ventilation for evacuating fuel fumes then this must be used.

- Wear protective gloves! Prolonged exposure of the hands to fuel can cause irritation to the skin.

- Wear protective goggles.

**Important**

Be particularly observant regarding cleanliness when working on the fuel system. Loss of function may occur due to very small particles. Prevent dirt and grime from entering the fuel system by cleaning the connections and plugging pipes and lines during disassembly. Use 82 92 948 Plugs, A/C system assembly. Keep components free from contaminants during storage.

**To remove**

1. Remove Fuel tank, US (E85).

2. To avoid contaminants entering the fuel system, if necessary clean the underside of the tank before removing the fuel pump.

3. Unplug the fuel pump's connector.
4. **Cars with ORVR**: Unplug the pressure sensor connector.

5.

Remove the fuel pump. Use tool 83 96 194 To fit / To remove, fuel pump in order to detach the fuel pump's circlip.
6. Undo the quick couplings on the EVAP canister.

7. 

Raise the fuel pump slightly and undo the quick coupling for the tank bleeder from the fuel pump.
8. Careful lift the fuel pump and place it in a suitable receptacle.

**Important**

Take care not to damage the fuel level sensor.

To fit

1.

Fit a new seal.
2. Lift the bleeder hose, semi-insert the fuel pump. Attach the bleeder hose to the pump housing and connect it to the pump lid. Carefully lower the fuel pump into the tank.

3. Check that the lug on the pump lid agrees with the recess in the tank. Check that the seal is correctly seated.

4. Tighten the fuel pump's fixture, use 83 96 194 To fit / To remove, fuel pump.

5.

Connect the quick couplings to the EVAP canister.
6. Connect the fuel lines to the attachments on the fuel tank.

7. Connect the bleeder line to the outlet in the tank.

8.

Plug in the fuel pump's connector.
9. **Cars with ORVR**: plug in the pressure sensor.

10. Fit [Fuel tank, US (E85)](#).