2014-2018 Chevrolet Silverado 1500 - Fuel Pump

2014-2018 Chevrolet Silverado 1500 | Advanced | 3-5 hours | $407 DIY

TOOLS

Floor jack Jack stands Transmission jack (or floor jack plus a helper) Socket set Fuel line disconnect tool Lock-ring spanner or non-ferrous punch Flathead screwdriver Drain pan and approved fuel containers Safety glasses Gloves

PARTS

Fuel Pump Module Assembly (in-tank, includes fuel level sensor; match to cab/bed and tank size, steel-cover variants differ) SP6714M $407.00

Fuel pump module seal / O-ring (new)

STEPS

1. **Confirm the pump is the problem - Before dropping the tank, rule out the cheap faults: check the** fuel pump fuse and relay, listen for the pump priming for a few seconds with the key in Run, and inspect the pump connector for burning...
2. **Run the tank near empty and set up safely - As little fuel in the tank as possible; a full K2XX** tank is heavy and hard to lower safely. Work outdoors or in a well-ventilated area, away from sparks and open flame, with a fire extinguisher nearb...
3. **Relieve fuel pressure and disconnect the battery - Remove the fuel pump relay from the underhood** fuse box, start the engine and let it run until it stalls, then switch the ignition off. Disconnect the negative battery cable and remove the fuel cap to...
4. **Raise the rear and expose the tank - Raise the rear of the truck and support it securely on jack** stands. Remove the tank shield and the filler pipe ground strap, and disconnect the EVAP canister hoses and bracket bolt so the canister is...
5. **Disconnect the fuel and vapor lines - Disconnect the fuel supply line and vapor lines at the** tank, pressing the retaining tabs on the plastic quick-connect fittings and catching any residual fuel in a drain pan. Note the routing and posi...
6. **Support the tank and remove the straps - Support the tank with a transmission jack (or a floor** jack with a helper). Unbolt the tank straps and swing them out of the way, then lower the tank just enough to reach the top connections.
7. **Disconnect the top connections and remove the tank - Unplug the electrical connectors on top of** the module (fuel pump/sending unit and tank pressure sensor) and loosen the filler hose clamps to free the filler hose. Lower the tank fully and slide it ou...
8. **Clean the top of the tank and remove the lock ring - Thoroughly clean dirt and debris from the** top of the tank so nothing falls inside when the module comes out. Using a lock-ring spanner or a non-ferrous punch, turn the module lock ring counterclockwi...
9. **Swap in the new module - Lift the old module out, noting its orientation and clocking. Compare** the new module side by side, confirming the float arm, connectors and seal match. Fit the new seal, set the new module in the sam...
10. **Reinstall the tank - Raise the tank back into place, reconnect the filler hose and tighten its** clamps, reconnect the electrical connectors and all fuel and vapor lines, refit the tank straps and their bolts, and reinstal...
11. **Prime, leak-check and verify the gauge - Reconnect the negative battery cable and refit the fuel** pump relay. Cycle the key to Run to prime the system, then start the engine and check every connection for leaks. Confirm the fuel gauge reads...

ezcarfix.com