

- Using a different fuel pump nozzle, monitor the fuel tank pressure (FTP) for typical diagnostic reference values while filling the fuel tank.

Is the FTP less than 12" H₂O / 3.0 kPa?

Yes	System Normal - Unable to identify the root cause at this time.
No	GO to A6

A6 DIAGNOSE THE FRESH AIR HOSE

- Disconnect the fresh air line from EVAP canister.

Is the fresh air hose blocked or damaged?

Yes	Repair / Replace the fresh air hose.
No	GO to A7

A7 DIAGNOSE THE EVAP CANISTER

- Disconnect the EVAP canister from the fuel vapor load line.
- Monitor the fuel tank pressure (FTP) to typical diagnostic reference values while filling the fuel tank.

Is the FTP less than 12" H₂O / 3.0 kPa?

Yes	Remove / Replace the EVAP canister. REFER to: Evaporative Emission Canister (303-13C Evaporative Emissions - 3.3L Duratec-V6, Removal and Installation).
No	Remove / Replace the fuel vapor load line including the EVAP vapor blocking valve (VBV).

General Procedures

Fuel System Pressure Check

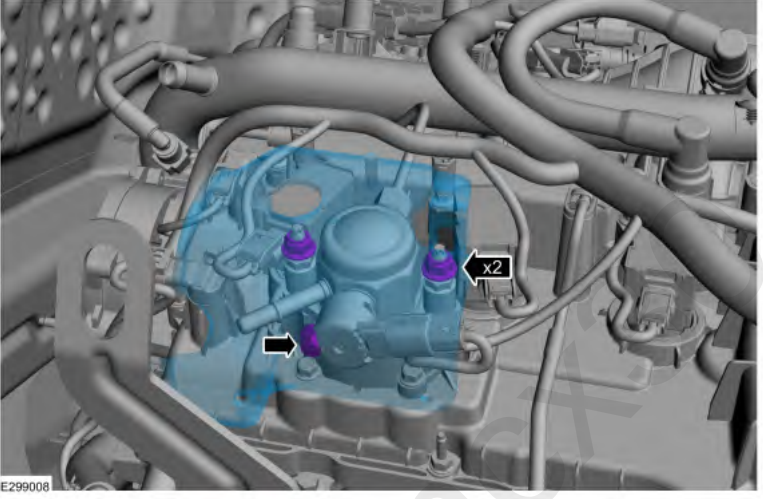
Special Tool(s) / General Equipment

	310-D009 (D95L-7211-A) Fuel Pressure Test Kit
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Check

NOTE: This Fuel System Pressure Check is for the low pressure side of the system.

1. Disconnect the battery ground cable.
Refer to: Battery Disconnect and Connect (414-01 Battery, Mounting and Cables, General Procedures).
2. Release the fuel system pressure.
Refer to: Fuel System Pressure Release (310-00A Fuel System - General Information - 2.3L EcoBoost (201kW/273PS), General Procedures).
3.
 - Remove the nuts.
Torque: 18 lb.ft (25 Nm)
 - Remove the bolt and High pressure pump shield.
Torque: 18 lb.ft (25 Nm)



4. Disconnect the fuel supply tube quick connect coupling.
Refer to: Spring Lock Couplings (310-00B Fuel System - General Information - 3.0L EcoBoost, General Procedures).