

- Connect the scan tool.
- Check the system for any EVAP DTC's.

Are any DTC's present?

Yes	Refer to Powertrain Control/Emissions Diagnosis (PC/ED) manual.
No	GO to A3

A3 MONITOR THE FTP WHILE FILLING THE FUEL TANK

- Monitor the Fuel Tank Pressure (FTP) reference value while filling the fuel tank. Refer to the Reference Values in the Powertrain Control/Emissions Diagnosis (PC/ED) manual. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) manual.

Is FTP within specification?

Yes	GO to A5
No	GO to A4

A4 MONITOR THE FTP WHILE FILLING THE FUEL TANK WITH THE EVAP SYSTEM DISCONNECTED

- Disconnect the fuel tank-to-EVAP canister quick connect coupling at the EVAP canister.
- Monitor the FTP reference value while filling the fuel tank. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) manual.

Is FTP within specification?

Yes	INSPECT the EVAP system for blockage or restrictions. REPAIR the blockage or restriction. If the blockage or restriction cannot be repaired, INSTALL new EVAP system components.
No	GO to A5

A5 CHECK THE FUEL TANK FILLER PIPE ASSEMBLY FOR BLOCKAGE OR RESTRICTION

- Remove the fuel tank filler pipe assembly.
REFER to: Fuel Tank Filler Pipe (310-01B Fuel Tank and Lines - 2.7L EcoBoost (238kW/324PS), Removal and Installation).
- Inspect the fuel tank filler pipe and fuel tank filler pipe vent tube (if equipped) for a blockage or restriction.

Is the fuel tank filler pipe or fuel tank filler pipe vent tube (if equipped) blocked or restricted?

Yes	If possible, REPAIR the blockage or restriction. If the blockage or restriction cannot be repaired, INSTALL a new fuel tank filler pipe or fuel tank filler pipe vent tube. REFER to: Fuel Tank Filler Pipe (310-01B Fuel Tank and Lines - 2.7L EcoBoost (238kW/324PS), Removal and Installation).
No	GO to A6

A6 CHECK THE FUEL TANK INLET CHECK VALVE