

1. Record flagged DTC (s) and accompanying WDS DTC Monitor freeze frame(s) data.

2. Fuel level >25% .

3. Start engine and bring to normal operating temperature > 82 °C (180 °F) .

4. Drive vehicle to the recorded freeze frame conditions (from step 1).

5. Repeat several times.

Notes regarding misfire monitor DTCs:

If on the first trip, the misfire is severe enough to cause excess exhaust emission, the individual cylinder DTC plus DTC P1316 will be logged. The CHECK ENGINE MIL will not be activated. If the fault reoccurs on the second trip, the individual cylinder DTC plus DTC P1316 will be flagged, and the CHECK ENGINE MIL will be activated.

- If on the first trip, the misfire is severe enough to cause catalyst damage (more severe than excess exhaust emission), the CHECK ENGINE MIL will flash while the fault is present and the individual cylinder DTC plus DTC P1313 (bank 1), DTC P1314 (bank 2) will be logged. When the fault is no longer present the MIL will be deactivated.**
- If the fault reoccurs on the second trip, the CHECK ENGINE MIL will flash while the fault is present and the individual cylinder DTC plus DTC P1313 (bank 1), DTC P1314 (bank 2) will be flagged. When the fault is no longer present the CHECK ENGINE MIL will be activated.**

CATALYST EFFICIENCY MONITOR DRIVE CYCLE

1. Start engine and bring to normal operating temperature > 75 °C (167 °F) .

2. With the gear selector in Park or Neutral, hold the engine speed at 2500 rpm for 5 minutes .

3. Drive vehicle ensuring that vehicle speed exceeds 15 km/h (10mph) and the engine speed exceeds 1500 rpm .

4. Stop the vehicle and check for any temporary DTCs using WDS.

EVAPORATIVE SYSTEM MONITOR DRIVE CYCLE

1. Ensure that fuel filler cap is fully closed (minimum three clicks).

2. Fuel level > 30% and < 85% .

3. Using WDS, perform ECM DTC Clear (even if no DTCs are flagged).

4. Drive vehicle for a minimum of 2 minutes , and until engine is at normal operating temperature.

5. Using WDS, ensure that the EVAP Canister Purge Valve is operating by observing PURGE VAPOR MANAGEMENT VALVE -. DUTY CYCLE". If the valve is not active, ECM adaptations have not been learned. Conduct a green ECM" Drive Cycle as described in Technical Service Bulletin.

6. Drive vehicle to the road where the EVAP System Drive Cycle will be conducted. Stop vehicle and switch OFF the ignition. Leave ignition OFF for 30 seconds , and then restart the engine.

7. Accelerate briskly to 80 km/h (50 mph) ensuring that the engine speed reaches a minimum of 3500 rpm for a minimum of 5 seconds .

8. (0.040-inch EVAP Test) View WDS "PURGE VAPOR MANAGEMENT VALVE - DUTY CYCLE", "CANISTER CLOSE VALVE - VAPOR RECOVERY SYSTEM", and FUEL TANK PRESSURE - VAPOR