ON-VEHICLE INSPECTION

1. CHECK FUEL PUMP
   (a) Connect the intelligent tester to the DLC3.
   (b) Turn the ignition switch ON.
   NOTICE:
   Do not start the engine.
   (c) Turn the intelligent tester ON.
   (d) Select the following menu items: DIAGNOSIS / ENHANCED OBD II / ACTIVE TEST / FUEL PUMP / SPD.
   (e) Check the fuel operation by operating it with the intelligent tester.
       If the fuel pump does not operate, replace the fuel pump.

2. CHECK FUEL PRESSURE
   (a) Discharge the fuel pressure system (see page FU-1).
   (b) Using a voltmeter, measure the battery voltage.
       Standard voltage:
       11 to 14 V
   (c) Disconnect the negative battery terminal.
   (d) Disengage the fuel pipe clamp.
   (e) Disconnect the fuel pipe No. 1.
   (f) Install SST and the fuel tube connector onto the vehicle.
   (g) Wipe off any spilt gasoline.
   (h) Connect the cable to the negative battery terminal.
       Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)
(i) Connect the intelligent tester to the DLC3.
(j) Turn the ignition switch ON.
(k) Turn the intelligent tester ON.
(l) Select the following menu items: DIAGNOSIS / ENHANCED OBD II / ACTIVE TEST / FUEL PUMP / SPD / ON.
(m) Measure the fuel pressure.
**Standard:**

281 to 287 kPa (2.87 to 2.93 kgf/cm², 40.8 to 41.7 psi)
- If the fuel pressure is greater than the standard value, replace the fuel pump.
- If the fuel pressure is less than the standard value, check the connection between the fuel hose and fuel pump.

(n) Select the following menu items: DIAGNOSIS / ENHANCED OBD II / ACTIVE TEST / PRIMARY / FUEL PUMP / SPD / OFF.
(o) Check that the fuel pressure does not change for 5 minutes.
**Standard:**

147 kPa (1.5 kgf/cm², 21 psi)
If the result is not as specified, check the fuel pump and fuel injector.
(p) Disconnect the intelligent tester from the DLC3.
(q) Disconnect the cable from the battery negative terminal.
(r) Remove SST and the fuel tube connector while being careful to prevent gasoline splashes.
(s) Connect the fuel tube.

3. **CHECK FOR FUEL LEAKAGE**
(a) Connect the intelligent tester to the DLC3.
(b) Turn the ignition switch ON.

**NOTICE:**
Do not start the engine.
(c) Turn the intelligent tester ON.
(d) Select the following menu items: DIAGNOSIS / ENHANCED OBD II / ACTIVE TEST / FUEL PUMP / SPD / ON.
(e) Check that there is no leakage from the fuel system.