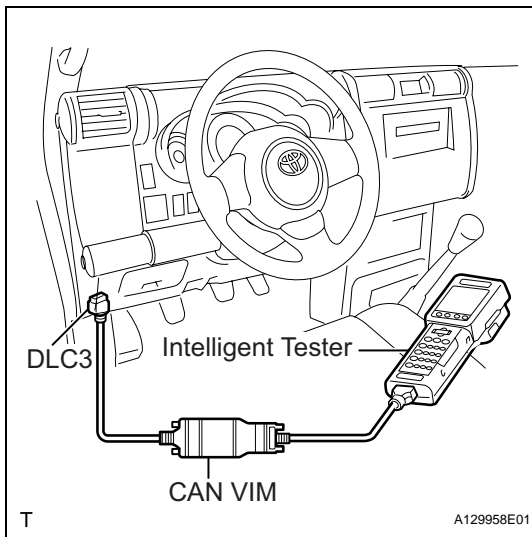


ON-VEHICLE INSPECTION



1. CHECK FUEL PUMP

- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch ON.

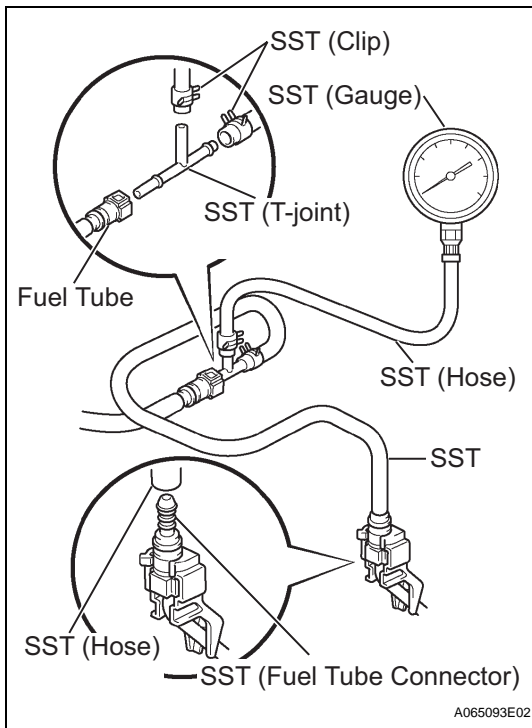
NOTICE:

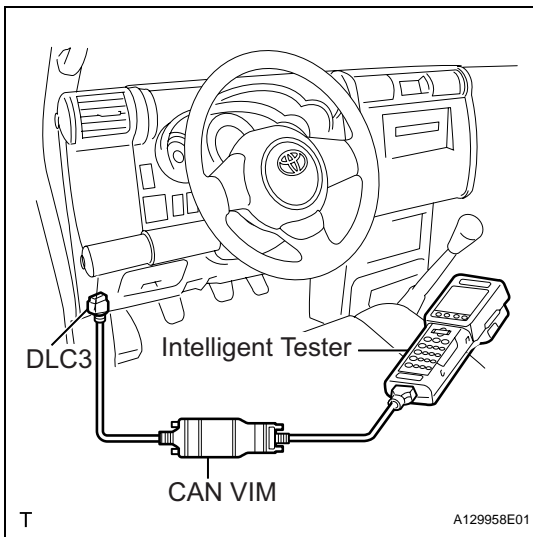
Do not start the engine.

- (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.

