

ON-VEHICLE INSPECTION

1. CHECK FUEL PUMP

- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch to 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) Prepare for the inspection.
 - (1) Prepare a new fuel tube.

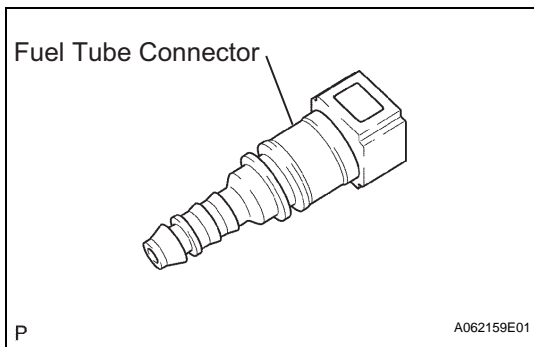
HINT:
Part No. 23801-0P010
 - (2) Using a cutter knife, cut the fuel tube protector. Tear the protector by hand, then remove the fuel tube connector.

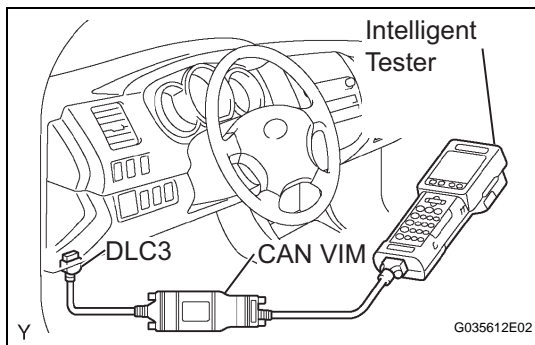
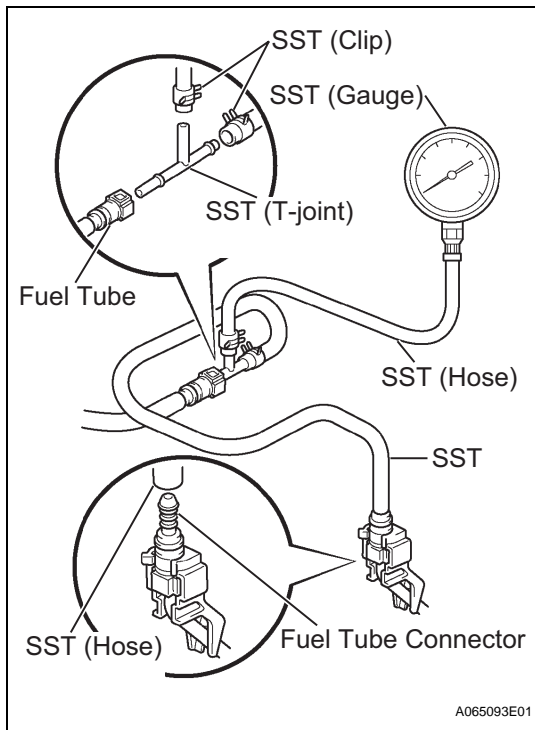
NOTICE:

If the protector is cut too deeply with the cutter, the O-ring of the fuel tube connector will be damaged.

- (b) Discharge the fuel pressure system (see page [FU-1](#)).
- (c) Using a voltmeter, measure the battery voltage.

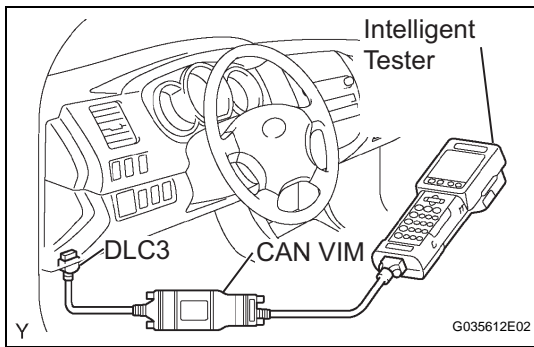
Standard:
9.0 to 14 V
- (d) Disconnect the battery negative terminal.
- (e) Disengage the fuel pipe clamp (see page [FU-1](#)).
- (f) Disconnect the fuel pipe No. 1.





- (g) Install SST and the fuel tube connector onto the vehicle.
SST 09268-41048 (90467-13001, 95336-08070, 09268-41500), 09268-45014 (09268-41200, 09268-41220, 09268-41250)
- (h) Wipe off any spilt gasoline.
- (i) Connect the cable to the battery negative terminal.
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

- (j) Connect the intelligent tester to the DLC3.
- (k) Turn the ignition switch to ON.
- (l) Turn the intelligent tester ON.
- (m) Select the following menu items: DIAGNOSIS / ENHANCED OBD II / ACTIVE TEST / FUEL PUMP / SPD / ON.
- (n) 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.
- (o) Select the following menu items: DIAGNOSIS / ENHANCED OBD II / ACTIVE TEST / FUEL PUMP / SPD / OFF.
- (p) 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.
- (q) Disconnect the intelligent tester from the DLC3.
- (r) Disconnect the cable from the battery negative terminal.
- (s) Remove SST and the fuel tube connector while being careful to prevent gasoline splashes.
- (t) Connect the fuel tube.



3. CHECK FOR FUEL LEAKAGE

- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch to 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 are no leakage in the fuel system.