

ON-VEHICLE INSPECTION

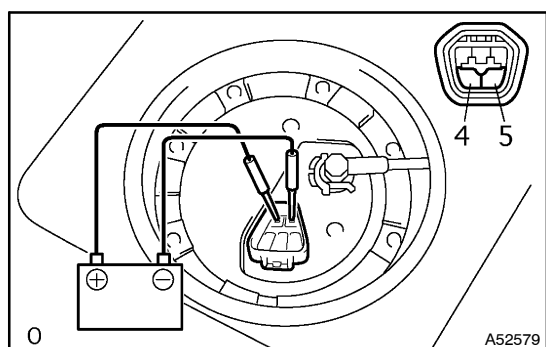
1. CHECK FUEL PUMP OPERATION

- Connect the hand-held tester to the DLC3.
- Turn the ignition switch ON and hand-held tester main switch ON.

NOTICE:

Do not start the engine.

- Select the active test mode on the hand-held tester.
- Please refer to the hand-held tester operator's manual for further details.

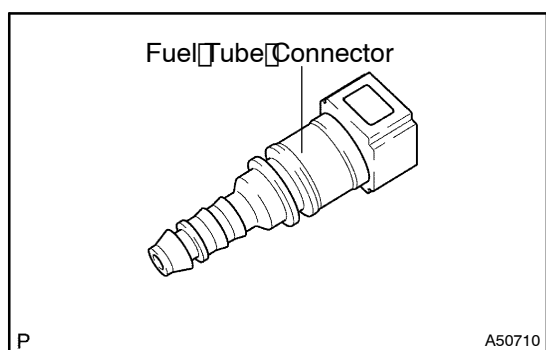


- If you have no hand-held tester, connect the positive (+) lead from the battery to terminal 4 of the connector, and the negative (-) lead to terminal 5.

NOTICE:

- These tests must be done quickly (within 10 seconds) to prevent the coil burning out.
- Keep the fuel pump as far away from the battery as possible.
- Always do the switching at the battery side.

If operation is not as specified, replace the fuel pump or lead wire.



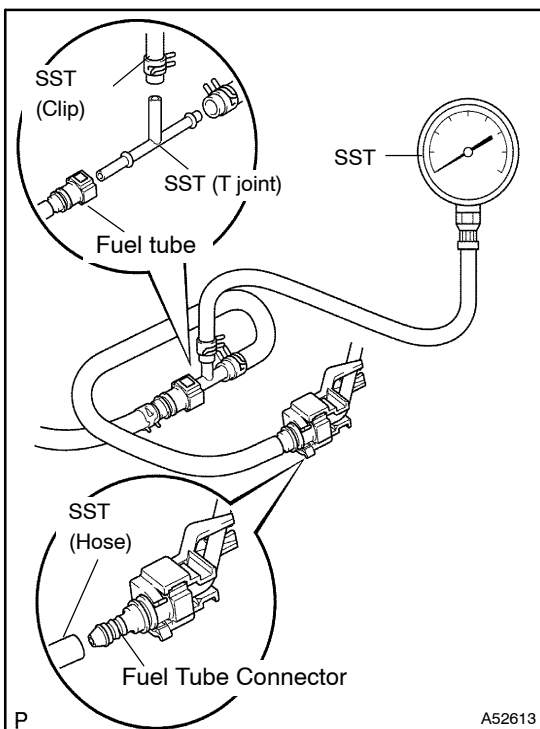
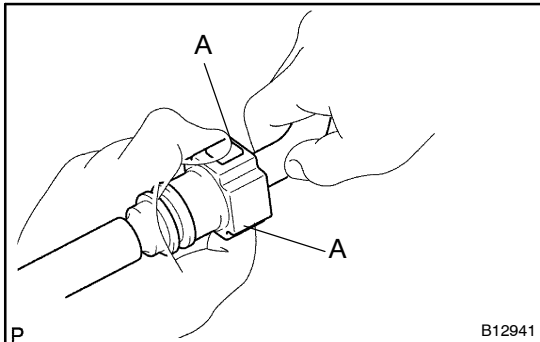
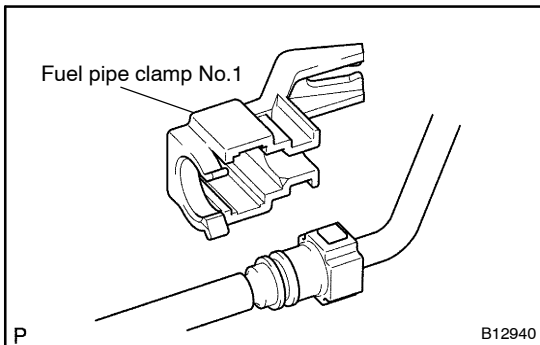
2. CHECK FUEL PRESSURE

- Prepare for inspection.
 - Purchase the new fuel tube and take out the fuel tube connector from its pipe.

HINT:

Part No. 23901-28100

- Work for prevent gasoline from spilling out.
(See page 1-1)



- (c) Remove the fuel pipe clamp No.1 from the fuel tube connector.

- (d) Disconnect the fuel tube connector from the fuel pipe while pinching part A with fingers as shown in the illustration.

CAUTION:

- **Perform disconnecting operations of the fuel tube connector (quick type) after observing the precautions.**
- **As there is retained pressure in the fuel pipe line, prevent it from splashing inside the engine compartment.**

- (e) Install SST (pressure gauge) as shown in the illustration by using SST and fuel tube connector.

SST 09268-41047 (90467-13001, 95336-08070), 09268-45012 (09268-41250)

- (f) Wipe off any splattered gasoline.
 (g) Reconnect the negative (-) terminal cable to the battery.
 (h) Connect the hand-held tester to the DLC3.
 (i) Measure the fuel pressure regulator.

Fuel pressure:

304 – 343 kPa (3.1 – 3.5 kgf/cm², 44 – 50 psi)

If pressure is high, replace the fuel pressure regulator.

If pressure is low, check the fuel hoses and connections, fuel pump, fuel filter and fuel pressure regulator.

- (j) Disconnect the hand-held tester from the DLC3.
 (k) Start the engine.
 (l) Measure the fuel pressure at idle.

Fuel pressure:

304 – 343 kPa (3.1 – 3.5 kgf/cm², 44 – 50 psi)

- (m) Stop the engine.
 (n) Check that the fuel pressure remains as specified for 5 minutes after the engine has stopped.

Fuel pressure: 147 kPa (1.5 kgf/cm², 21 psi) or more

If pressure is not as specified, check the fuel pump, pressure regulator and/or injectors.

- (o) After checking fuel pressure, disconnect the negative (-) terminal cable from the battery and carefully remove the SST and fuel tube connector to prevent gasoline from splashing.

(p) Reconnect the fuel tube (fuel tube connector).

CAUTION:

Perform connecting operations of the fuel tube connector (quick type) after observing the precautions.

