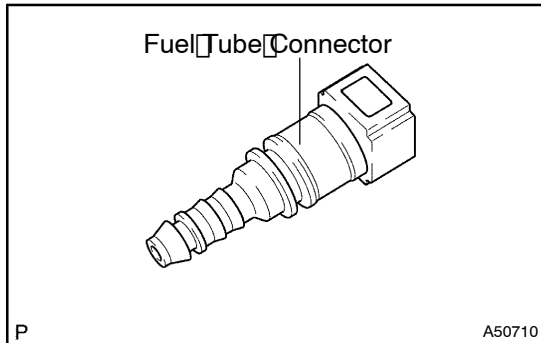


ON-VEHICLE INSPECTION

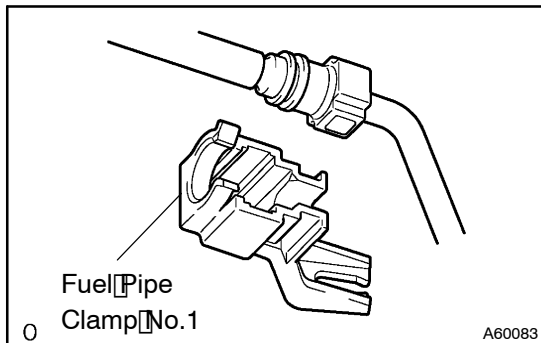


1. CHECK FUEL PRESSURE

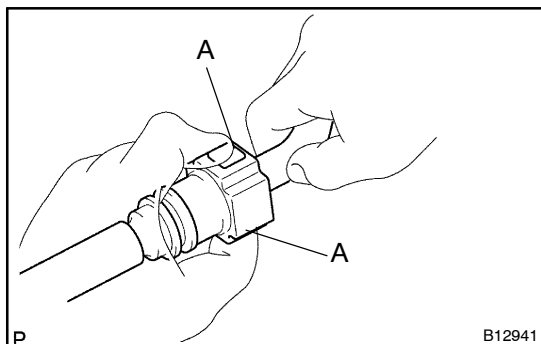
- Discharge the pressure in the fuel system and take precautions for possible fuel spillage (see page 1-1).
- Check that the battery voltage is above 12 V.
- Disconnect the negative (-) battery cable.
- Pull out the connector from a new fuel tube.

HINT:

Part No. 23901-28260



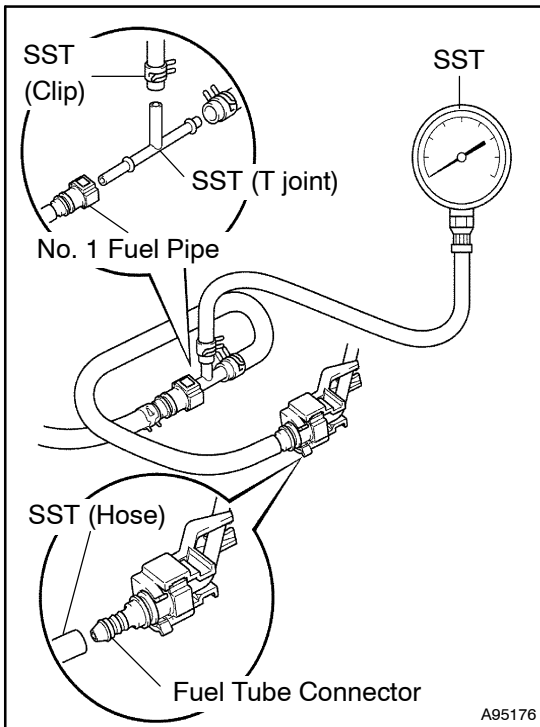
- Detach the fuel tube clamp from the fuel tube connector.



- Disconnect the fuel tube connector from the fuel pipe while pinching portion A with your fingers as shown in the illustration.

CAUTION:

- Do not disconnect the fuel tube connector (quick type) until you have discharged the fuel system pressure and taken appropriate steps to prevent fuel spillage.**
- There may be some pressure remained in the fuel lines after discharging the pressure. Take precautions to prevent fuel from spraying on you, your clothing or inside the engine compartment.**



- (g) Install SST (pressure gauge) and the fuel tube connector using SST as shown in the illustration.
 SST 09268-41047(95336-08070), 09268-45014
 (09268-41250, 09268-41200, 09268-41220)

- (h) Wipe up any gasoline.
 (i) Reconnect the negative (-) battery cable.
 (j) Connect the intelligent tester II to the DLC3.
 (k) Measure the fuel pressure.

Fuel pressure:

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

If pressure is high, replace the fuel pressure regulator.

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

- (l) Disconnect the intelligent tester II from the DLC3.
 (m) Start the engine.
 (n) Measure the fuel pressure at idle.

Fuel pressure:

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

- (o) Stop the engine.
 (p) 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 fuel injectors.

- (q) After checking the fuel pressure, disconnect the negative (-) battery cable and carefully remove SST and the fuel tube connector to prevent gasoline splash.
 (r) Reconnect the No. 1 fuel pipe (fuel tube connector).

CAUTION:

After taking the precautions, connect the fuel tube connector (quick type).

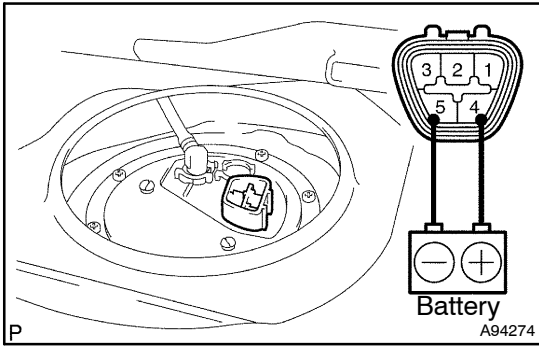
2. CHECK FUEL PUMP OPERATION AND CHECK FOR FUEL LEAKS

- (a) When using the intelligent tester II.
 (1) Connect the intelligent tester II to the DLC3.
 (2) Turn the ignition switch to ON.
 (3) Turn the intelligent tester II ON.

NOTICE:

Do not start the engine.

- (4) Select the item: Powertrain / Engine and ECT / Active Test / Control the Fuel Pump Speed.
 (5) Check the fuel pump operation while operating it using the intelligent tester II.



- (b) When not using the intelligent tester II.
- (1) Connect the positive (+) lead from the battery to terminal 4 of the connector, and connect the negative (-) lead to terminal 5.
 - (2) Check that the pump operates.