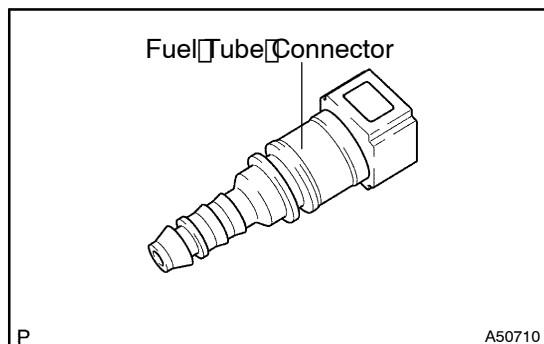


ON-VEHICLE INSPECTION



1. CHECK FUEL PRESSURE

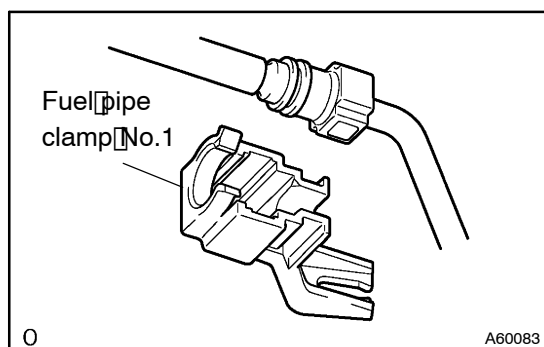
(a) Prepare for inspection.

- (1) Purchase the new fuel tube and take out the fuel tube connector from its pipe.

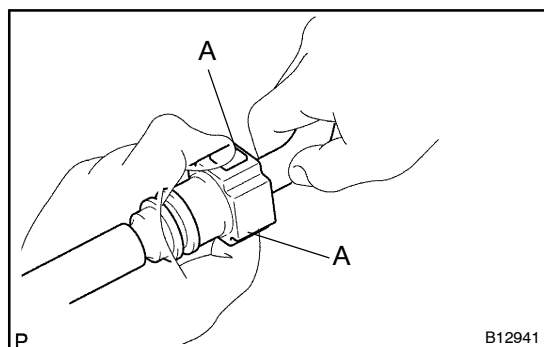
HINT:

Part No. 23901-28130

(b) Work for prevent gasoline from spilling out.
(See page 1-25)



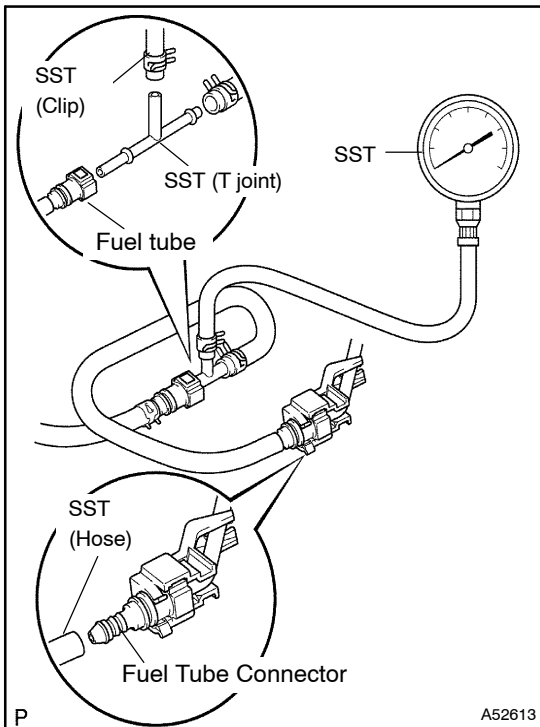
(c) Remove the fuel pipe clamp No.1 from the fuel tube connector.



(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.

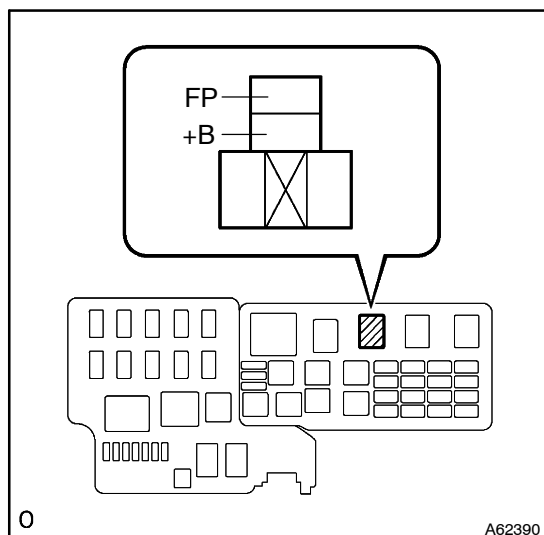
2. CHECK FUEL PUMP OPERATION AND FUEL LEAK

- (a) When using hand-held tester
 - (1) Connect the hand-held tester to the DLC3.
 - (2) Turn the ignition switch ON and hand-held tester main switch ON.

NOTICE:

Do not start the engine.

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



- (b) When not using hand-held tester
- (1) Remove the circuit opening relay.
 - (2) Using a service wire connect terminals FP and +B of the relay block.

NOTICE:

Pay due attention to the terminal connecting position to avoid a malfunction.

- (3) Turn the ignition switch ON, and check that the fuel pump operates.

NOTICE:

Do not start the engine.

- (c) Check that there are no fuel leaks after doing maintenance anywhere on the fuel system.