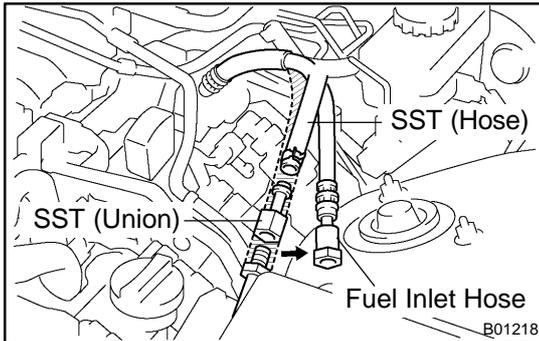


INSPECTION

1. INSPECT INJECTOR INJECTION

CAUTION:

Keep injector clear of sparks during the test.



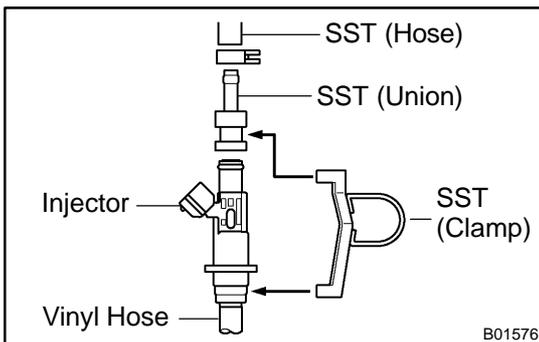
- (a) Disconnect the fuel inlet hose from the fuel tube.
- (b) Connect SST (hose) to the fuel inlet tube with SST (union). Tighten the flare nut on the fuel tube.
SST 09268-41047

Torque: 30 N·m (310 kgf-cm, 22 ft-lbf)

HINT:

Use SST. (See page SF-1)

SST 09631-22020

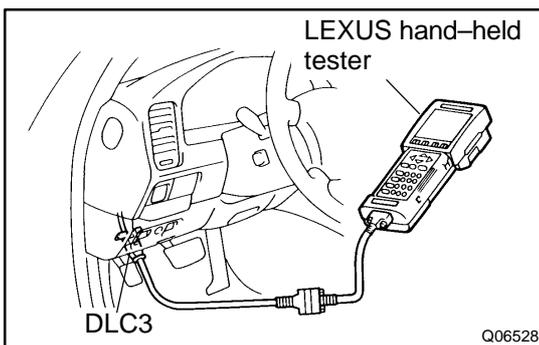


- (c) Install the grommet and O-ring to the injector.
- (d) Connect SST (hose) to the injector with SST (union), and hold the injector and union with SST (clamp).
SST 09268-41047

- (e) Put the injector into the graduated cylinder.

HINT:

Install a suitable vinyl hose onto the injector to prevent gasoline from splashing out.

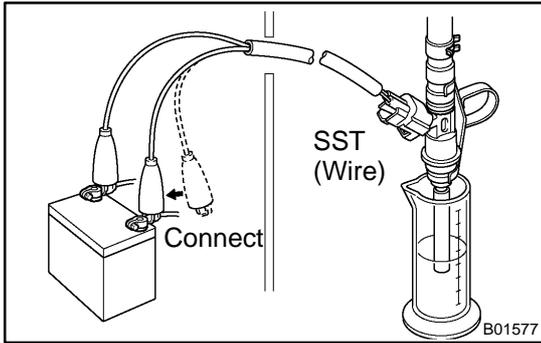


- (f) Connect the LEXUS hand-held tester to the DLC3.
- (g) Turn the ignition switch ON, and push the LEXUS hand-held tester main switch ON.

NOTICE:

DO not start the engine.

- (h) Select the active test mode on the LEXUS hand-held tester.
- (i) Please refer to the LEXUS hand-held tester operator's manual for further details.
- (j) If you have no LEXUS hand-held tester, connect the positive (+) and negative (-) leads from the battery to the fuel pump connector. (See page SF-5)



- (k) Connect SST (wire) to the injector and battery for 15 seconds, and measure the injection volume with a graduated cylinder. Test each injector 2 or 3 times.

SST 09842-30070

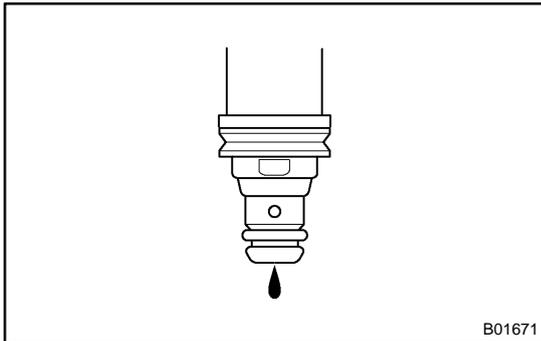
Injection volume:

60 – 73 cm³ (3.7 – 4.5 cu in.) per 15 sec.

Difference between each injector:

13 cm³ (0.6 cu in.) or less

If the injection volume is not as specified, replace the injector.



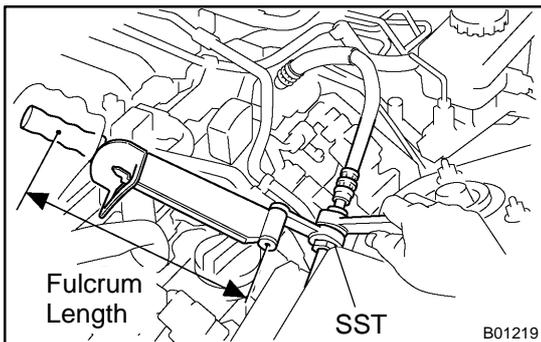
2. INSPECT LEAKAGE

- (a) In the condition above, disconnect the test probes of SST (wire) from the battery and check the fuel leakage from the injector.

SST 09842-30070

Fuel drop: One drop or less per minute

- (b) Turn the ignition switch OFF.
 (c) Disconnect the negative (-) terminal cable from the battery.
 (d) Remove SST.
 SST 09268-41047



- (e) Reconnect the fuel inlet hose to the fuel tube.

SST 09631-22020

Torque: 30 N·m (310 kgf·cm, 22 ft·lbf)

HINT:

Use a torque wrench with a fulcrum length of 30 cm (11.81 in.).

- (f) Disconnect the LEXUS hand-held tester from the DLC3.