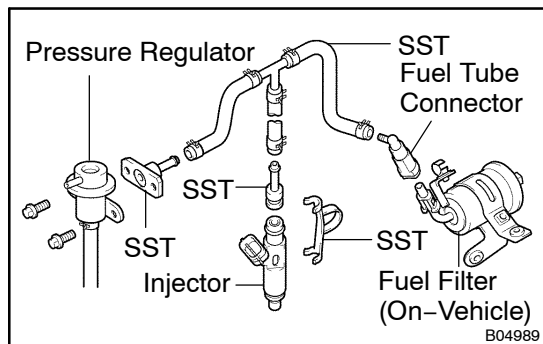


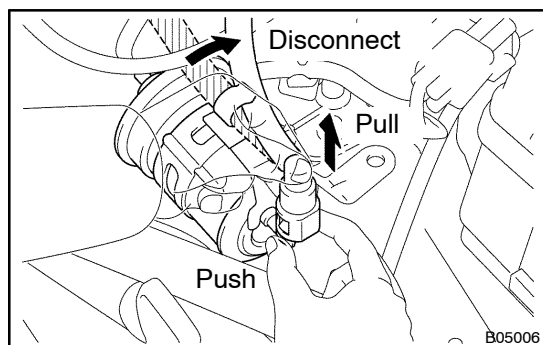


INSPECTION

1. INSPECT INJECTOR INJECTION

CAUTION:

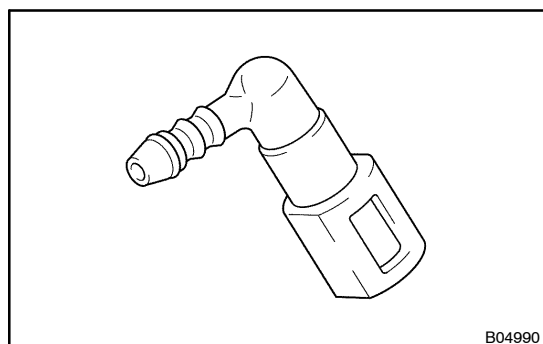
Keep injector clean of sparks during the test.



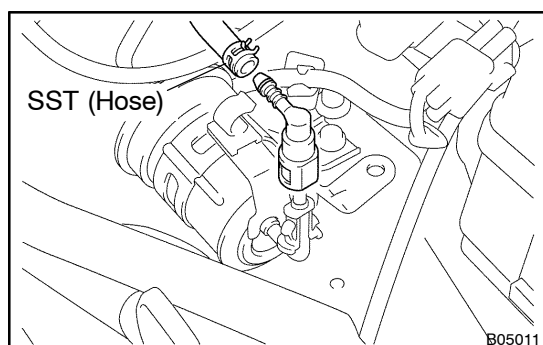
- (a) Disconnect the fuel inlet hose (fuel tube connector) from the fuel filter.

CAUTION:

- Perform disconnecting operations of the fuel tube connector (quick type) after reading the precautions (See page SF-1).
- Prevent the retained pressure in the fuel pipe line from splashing inside the engine compartment.



- (b) Purchase the new fuel main hose and take out the fuel tube connector from its hose.
Part No. 23271-50150



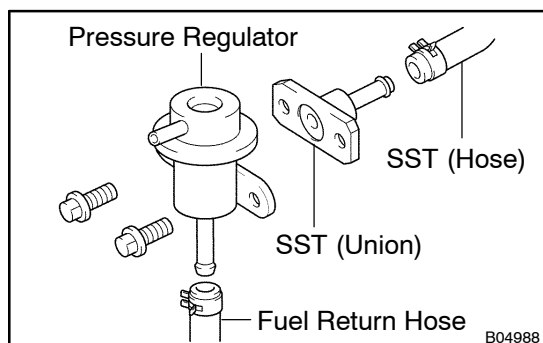
- (c) Connect SST (hose) and fuel tube connector to the fuel filter outlet.
SST 09268-41047

CAUTION:

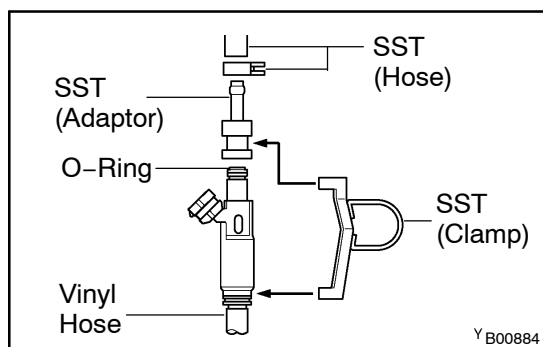
Perform connecting operations of the fuel tube connector (quick type) after reading the precautions (See page SF-1).

HINT:

Use the vehicle's fuel filter.



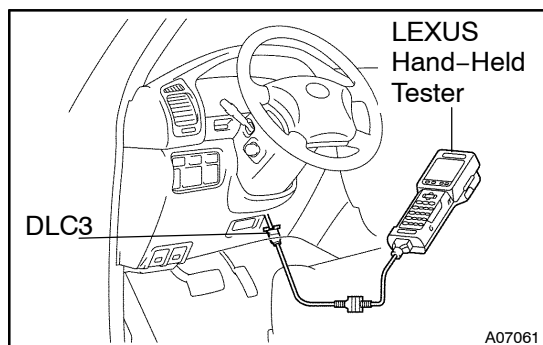
- (d) Remove the pressure regulator from the delivery pipe.
(e) Install the O-ring to the fuel inlet of the pressure regulator.
(f) Connect SST (hose) to the fuel inlet of the pressure regulator with SST (union) and the 2 bolts.
SST 09268-41047 (09268-41091)
Torque: 7.5 N·m (80 kgf·cm, 66 in·lbf)
(g) Connect the fuel return hose to the fuel outlet of the pressure regulator.



- (h) Install the O-ring to the injector.
- (i) Connect SST (adaptor and hose) to the injector, and hold the injector and union with SST (clamp).
SST 09268-41047 (09268-41110, 09268-41300)
- (j) Put the injector into the graduated cylinder.

CAUTION:

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

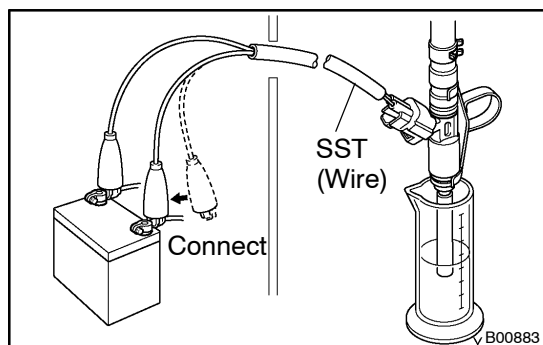


- (k) Connect the LEXUS hand-held or OBD II scan tool tester to the DLC3.
- (l) Connect the battery negative (-) cable to the battery.
- (m) Turn the ignition switch ON, and press the LEXUS hand-held tester or OBD II scan tool main switch ON.

NOTICE:

Do not start the engine.

- (n) Select the ACTIVE TEST mode on the LEXUS hand-held tester or OBD II scan tool.
- (o) Please refer to the LEXUS hand-held tester or OBD II scan tool operator's manual for further details.
- (p) If you have no LEXUS hand-held tester or OBD II scan tool, connect the positive (+) and negative (-) leads from the battery to the fuel pump connector (See page SF-7).



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

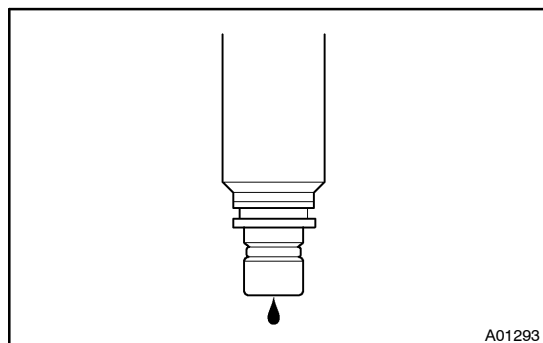
SST 09842-30070

Volume: 56 - 69 cm³ (3.4 - 4.2 cu in.) per 15 seconds

Difference between each injector:

13 cm³ (0.8 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 tester probes of SST (wire) from the battery and check the fuel leakage from the injector.

SST 09842-30070

Fuel drop: 1 drop or less per 12 minutes

- (b) Turn the ignition switch OFF.
- (c) Disconnect the negative (-) terminal cable from the battery.
- (d) Remove SST and fuel tube connector.
SST 09268-41047, 09842-30070
- (e) Disconnect the LEXUS hand-held tester or OBD II scan tool from the DLC3.
- (f) Reconnect the fuel inlet pipe (fuel tube connector) to the fuel filter.

CAUTION:

Perform connecting operations of the fuel tube connector (quick type) after reading the precautions (See page [SF-1](#)).