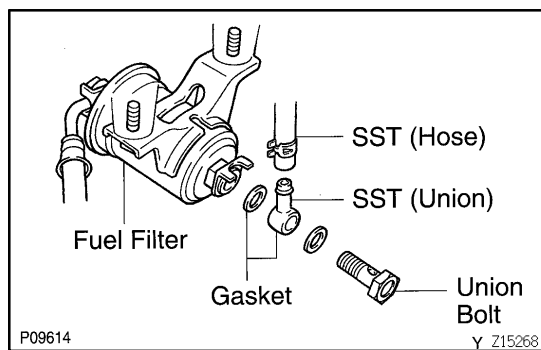
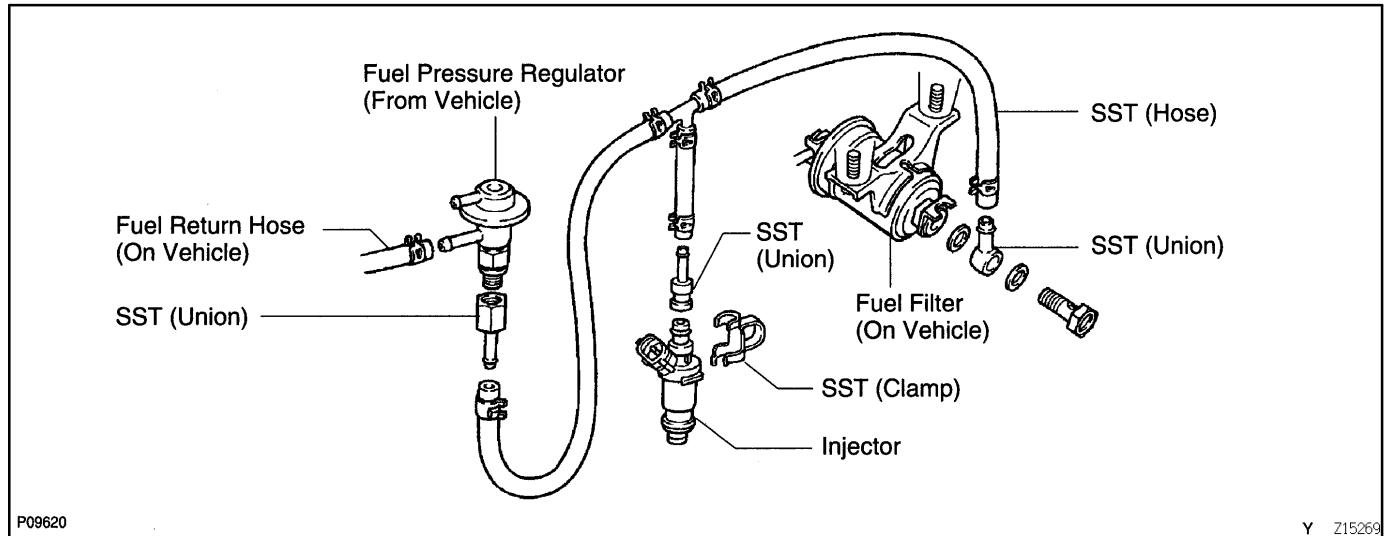


INSPECTION

1. INSPECT INJECTOR INJECTION

CAUTION:

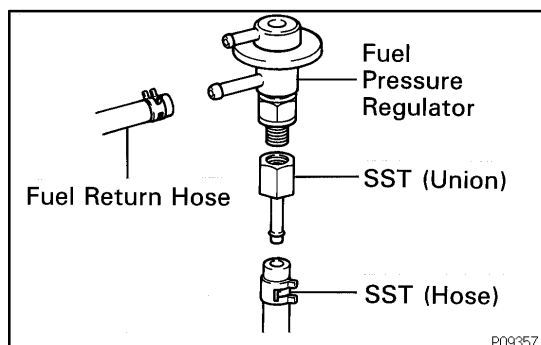
Keep injector clean of sparks during the test.



- (a) Connect SST (union and hose) to the fuel filter outlet with the 2 gaskets and union bolt.

SST 09268-41046 (90405-09015)

Torque: 29 N·m (300 kgf·cm, 22 ft·lbf)

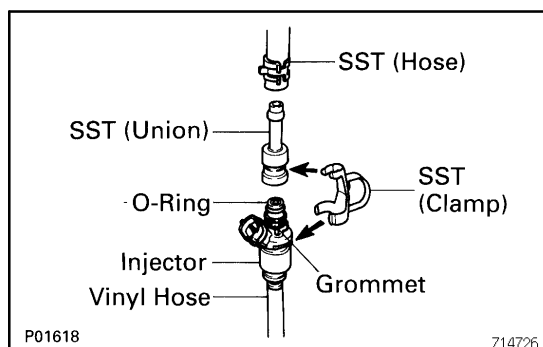


- (b) Remove the fuel pressure regulator (See page [SF-20](#)).
 (c) Install the O-ring to the fuel inlet of pressure regulator.
 (d) Connect SST (hose) to the fuel inlet of the pressure regulator with SST (union).

SST 09268-41046 (09268-41091)

Torque: 25 N·m (250 kgf·cm, 18 ft·lbf)

- (e) Connect the fuel return hose to the fuel outlet of the pressure regulator.



- (f) Install the grommet and O-ring to the injector.
- (g) Connect SST (union and hose) to the injector, and hold the injector and union with SST (clamp).

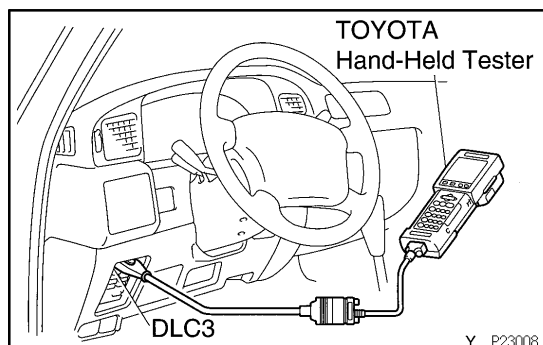
SST 09268-41046

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

HINT:

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

- (i) Remove the fuse cover on the instrument panel.

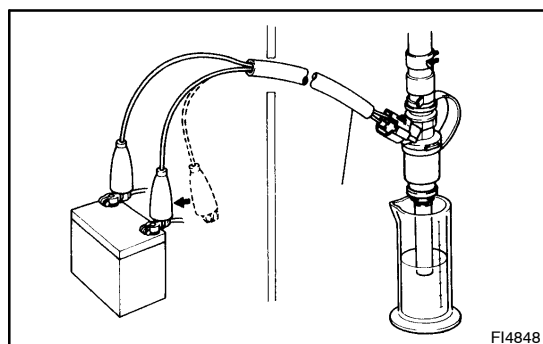


- (j) Connect the TOYOTA hand-held tester to the DLC3.
- (k) Turn the ignition switch ON and TOYOTA hand-held tester main switch ON.

NOTICE:

Do not start the engine.

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



- (n) If you have no TOYOTA hand-held tester, connect the positive (+) and negative (-) leads from the battery to the fuel pump connector (See page [SF-13](#))
- (o) 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

Volume:

69 - 88 cm³ (4.2 - 5.4 cu in.) per 15 seconds

Difference between each injector:

5 cm³ (0.3 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 to LOCK.
 - (c) Disconnect the negative (-) terminal cable from the battery.
 - (d) Remove SST.
- SST 09268-41045
- (e) Reinstall the fuel pressure regulator to the delivery pipe (See page [SF-21](#)).
 - (f) Disconnect the TOYOTA hand-held tester from the DLC3.
 - (g) Reinstall the fuse cover on the instrument panel.

