

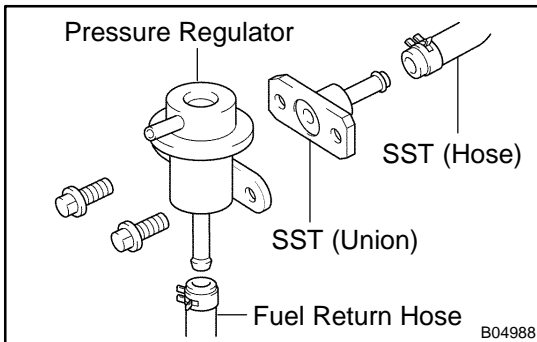
INSPECTION

1. INSPECT INJECTOR INJECTION

CAUTION:

Keep the injector clean of sparks during the test.

- Disconnect the fuel inlet hose (fuel tube connector) from the fuel filter.
- Connect SST (attachment and hose) to the fuel tube.
SST 09268-41047 (09268-52011)

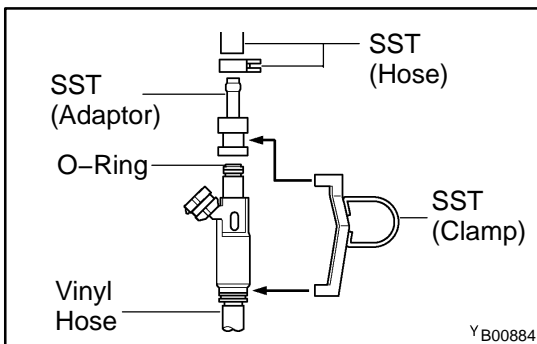


- Remove the pressure regulator from the delivery pipe.
- Install the O-ring to the fuel inlet of the pressure regulator.
- Connect SST (hose) to the fuel inlet of the pressure regulator with SST (union) and the 2 bolts.

SST 09268-41047 (09268-41091)

Torque: 7.5 N·m (76 kgf·cm, 66 in.-lbf)

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

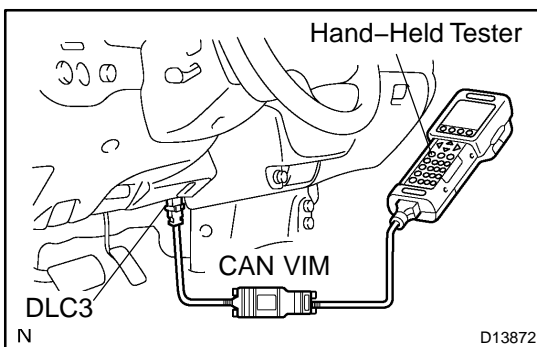


- Install the O-ring to the injector.
- Connect SST (adaptor and hose) to the injector, and hold the injector and union with SST (clamp).
SST 09268-41047 (09268-41110, 09268-41300)

- Put the injector into the graduated cylinder.

CAUTION:

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



- Connect a hand-held tester to the Controller Area Network Vehicle Interface Module (CAN VIM). Then connect the CAN VIM to the Data Link Connector 3 (DLC3).

- Connect the battery negative (-) cable to the battery.

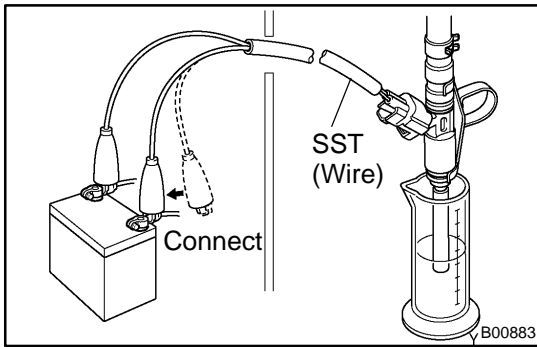
- Turn the ignition switch ON, and push the hand-held tester main switch ON.

NOTICE:

Do not start the engine.

- Enter the following menus: DIAGNOSIS / ENHANCED OBDII / ACTIVE TEST / FUEL PUMP / SPD

- Please refer to the hand-held tester operator's manual for further details.



- (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.

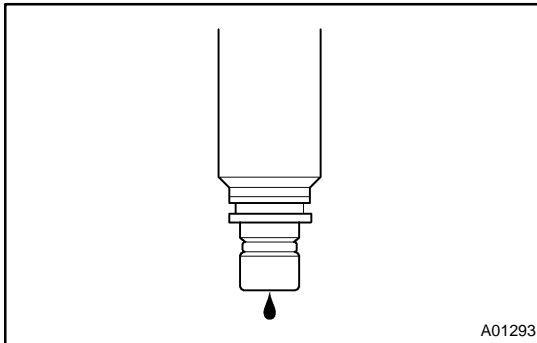
SST 09842-30070

Volume: 56 to 69 cm³ (3.4 to 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) Under the above conditions, disconnect the tester probes of SST (wire) from the battery and check 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 the SST and fuel tube connector.
 SST 09268-41047, 09842-30070
 (e) Disconnect the hand-held tester and CAN VIM from the DLC3.
 (f) Reconnect the fuel inlet pipe to the fuel tube.