

INSPECTION

1. INSPECT FUEL INJECTOR ASSEMBLY

- (a) Inspect injector resistance
- (1) Using an ohmmeter, measure the resistance between the terminals.
Resistance:
13.4 to 14.2 Ω at 20°C (68°F)
 If the resistance is not as specified, replace the injector.

- (b) Inspect injector operation

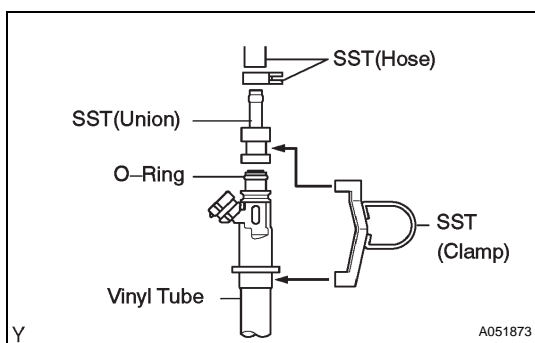
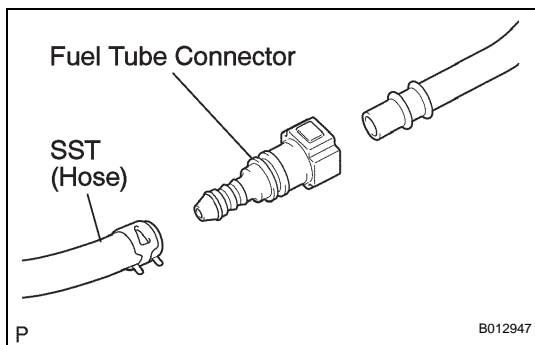
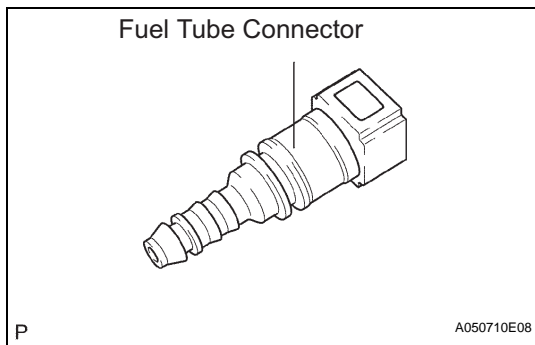
CAUTION:

- **This test involves high-pressure fuel and electricity.**
- **Take every precaution regarding safe handling of both the fuel and the electricity.**
- **Perform this test in a safe area, and avoid any sparks or flame.**
- **Do not smoke.**

- (1) Pull out the connector from a new fuel tube.

HINT:

Part No. 23801-20180



- (2) Connect SST and the fuel tube connector to the fuel pipe.

SST 09268-41047 (95336-08070)

CAUTION:

After taking the precaution, connect the fuel tube connector (quick type).

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

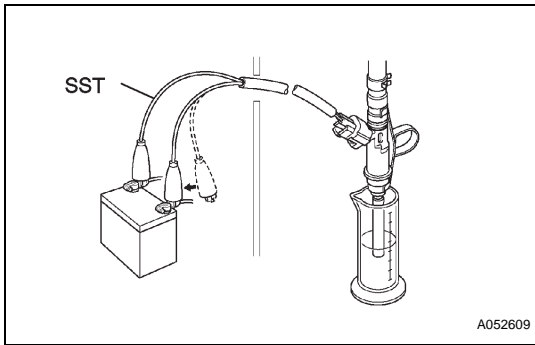
SST 09268-41047 (09268-41110, 09268-41300, 95336-08070)

- (5) Put the injector into a graduated cylinder.

HINT:

Install a suitable vinyl tube onto the injector to contain the gasoline spray.

- (6) Operate the fuel pump (See page [FU-4](#)).
 If the injection volume is not as specified, replace the injector.



- (7) 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

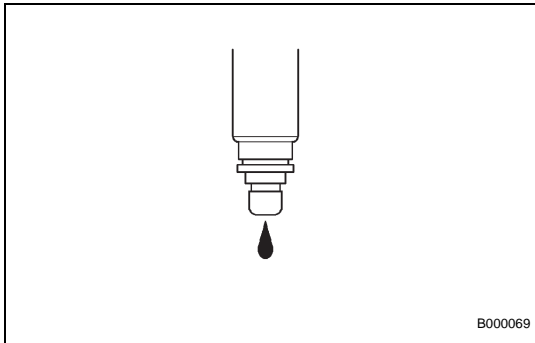
Injection volume

Injection volume	Difference between each injector
60 to 73 cm ³ (3.7 to 4.5 cu in.) per 15 seconds	13 cm ³ (0.8 cu in.) or less

NOTICE:

Always do the switching at the battery side.

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



- (c) Inspect leakage

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

Fuel drop:

1 drop or less in 12 minutes