

INSPECTION

1. INSPECT FUEL INJECTOR ASSY

(a) Check the injector resistance.

(1) Measure the resistance between the terminals.

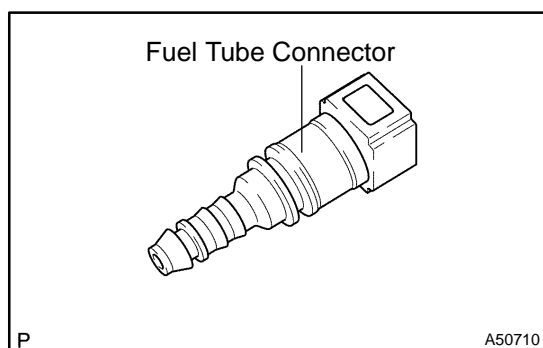
Standard: 13.4 to 14.2 Ω at 20°C (68°F)

If the result is not as specified, replace the injector.

(b) Check the injector injection.

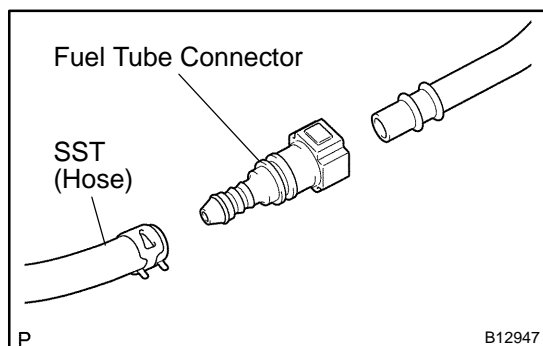
CAUTION:

- 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) Purchase the new fuel tube and take out the fuel tube connector from its pipe.

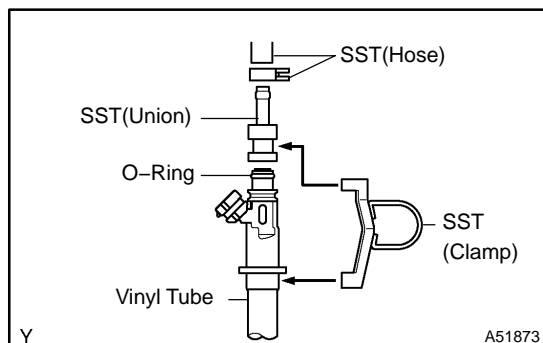
Fuel tube: Parts No. 23801-20190



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

CAUTION:

Always read the precautions (see page 11-26) before connecting the fuel tube connector (quick type).



(3) Install the O-ring to the injector.

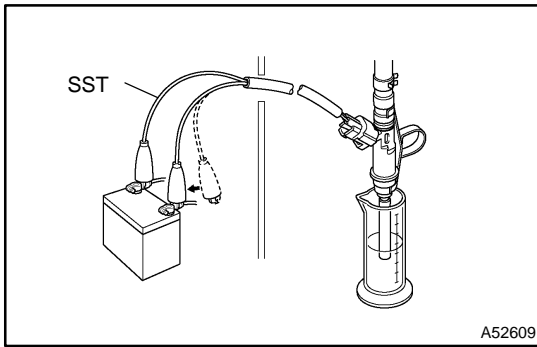
(4) Connect SST (union and hose) to the injector, and hold the injector and the union with SST (clamp)

(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 11-29).



- (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

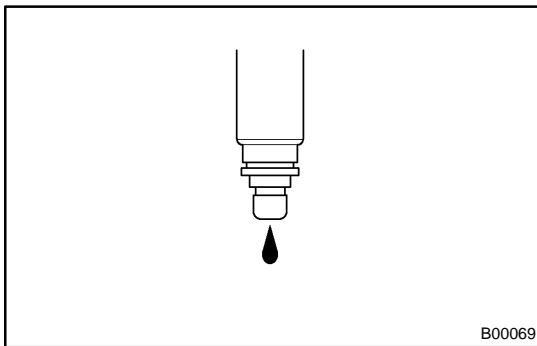
Standard:

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 turn on and off the voltage on the battery side, not the fuel pump side.

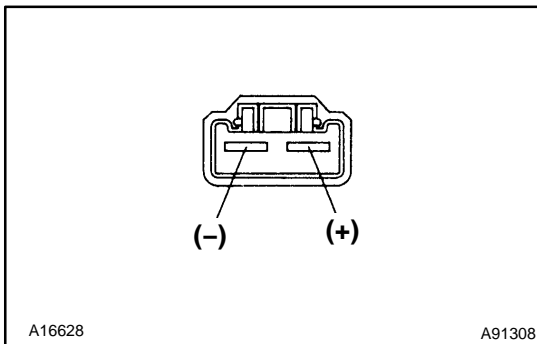
If the injection volume is not as specified, replace the injector.



- (c) Check fuel 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 per 12 minutes



2. INSPECT FUEL PUMP

- (a) Check the fuel pump resistance.

- (1) Measure the resistance between the terminals.

Standard: 0.2 to 3.0 Ω at 20°C (68°F)

- (b) Check fuel pump operation.

- (1) Apply battery voltage to both the terminals. Check that the pump operates.

NOTICE:

- These tests must be done within 10 seconds to prevent the coil from burning out.
- Keep fuel pump as far away from the battery as possible.
- Always turn on and off the voltage on the battery side, not the fuel pump side.