

INSPECTION

1. INSPECT FUEL INJECTOR ASSY

(a) Check the injector resistance.

(1) Measure the resistance between the terminals.

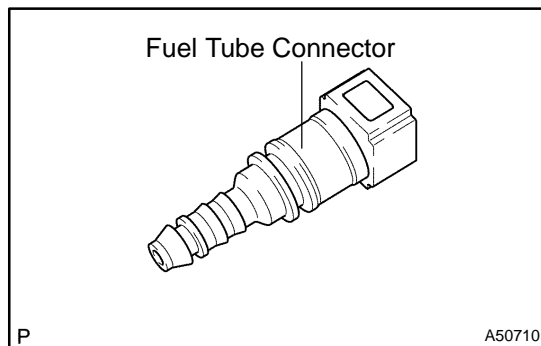
Standard: 11.6 to 12.4 Ω at 20°C (68°F)

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

(b) Check the injector injection.

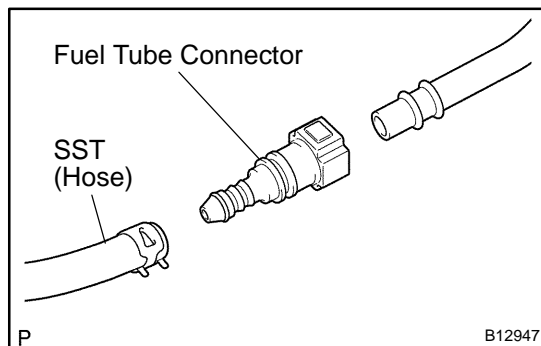
CAUTION:

- 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 a new fuel tube and disconnect the fuel tube connector from its pipe.

Fuel tube: Part No. 23801-20180

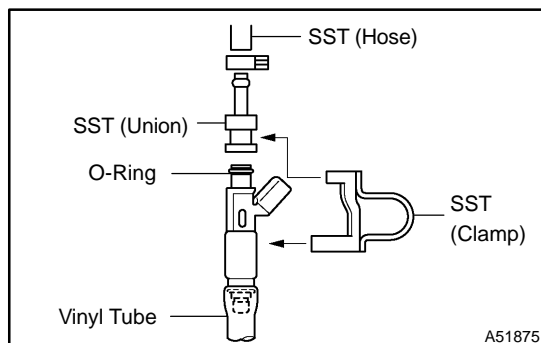


(2) Connect SST and fuel tube connector to the fuel pipe.

SST 09268-41047

CAUTION:

Always read the precautions (see page 11-1) 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 union with SST (clamp).

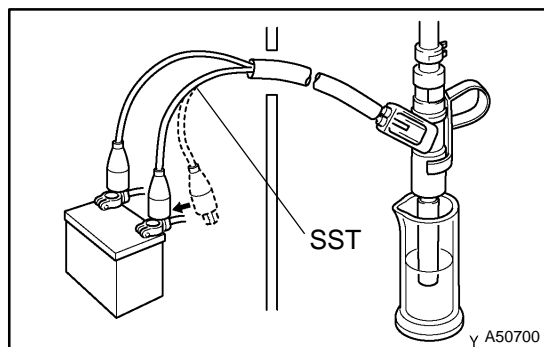
SST 09268-41047 (09268-41110, 09268-41300)

(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 11-4).



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

SST 09842-30080

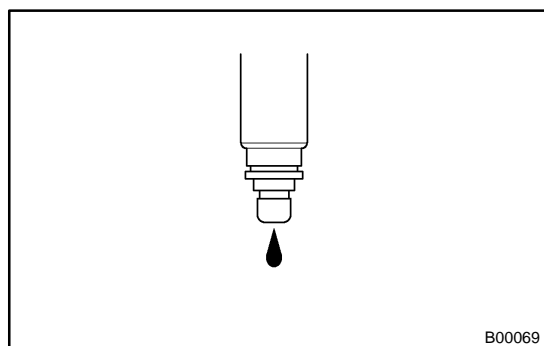
Standard:

Item	Specified Condition
Injection Volume	76 to 92 cm ³ (4.6 to 5.6 cu in.) per 15 seconds
Difference Between Each Injector	16 cm ³ (1.0 cu in.) or less

NOTICE:

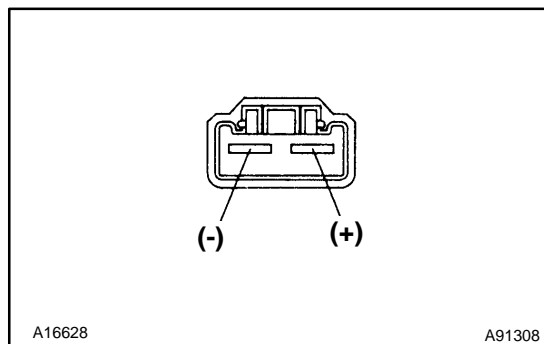
Always turn on and off the voltage on the battery side, not the fuel pump side.

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 ASSY

- (a) Check fuel pump resistance.
 - (1) Measure the resistance between the terminals.
Resistance: 0.2 to 3.0 Ω at 20°C (68°F)
- (b) Check fuel pump operation.
 - (1) Apply battery voltage to both terminals. Check that the pump operates.

NOTICE:

- These tests must be done within 10 seconds to prevent the coil from burning out.
- Keep the 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.