1112Z–01

INSPECTION

1. INSPECT FUEL INJECTOR ASSY

(a) Check the injector resistance.

(1) Measure the resistance between the terminals.

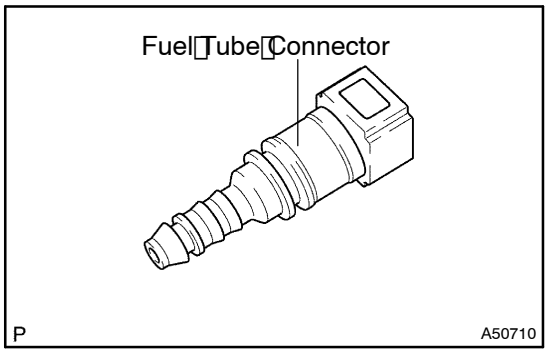
Standard: 13.4 to 14.2 Ω at 20°C (68°F)

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

(b) Check the injector injection.

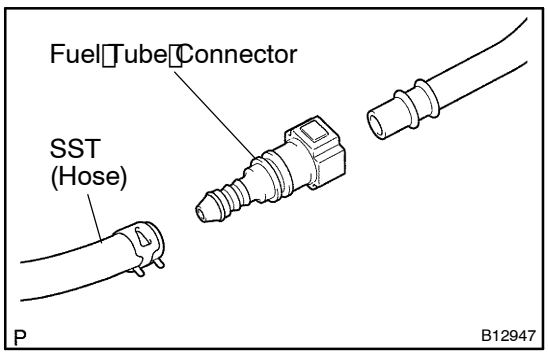
CAUTION:

- **This test involves high–pressure fuel and electricity.**
- **Take every precaution in 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: Parts No. 23801–20180

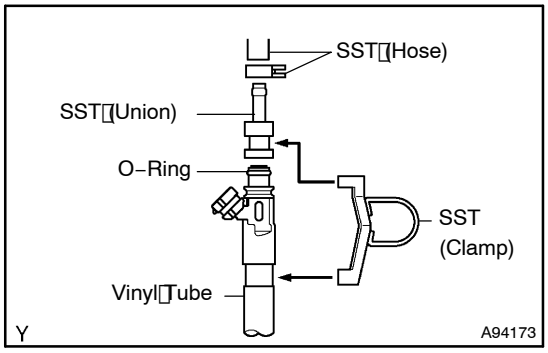


(2) Connect SST and the fuel tube connector to the fuel pipe.

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.

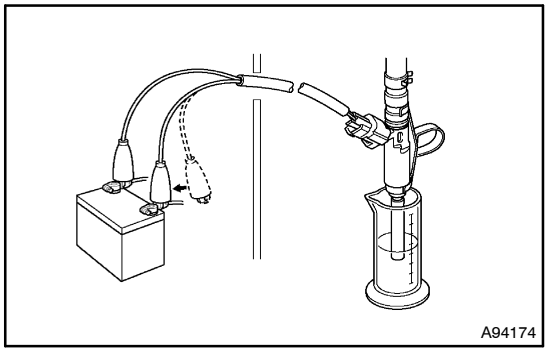
(4) Connect SST (union and hose) to the injector, and hold the injector and union with SST (clamp).

(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).


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

SST 09842–30070

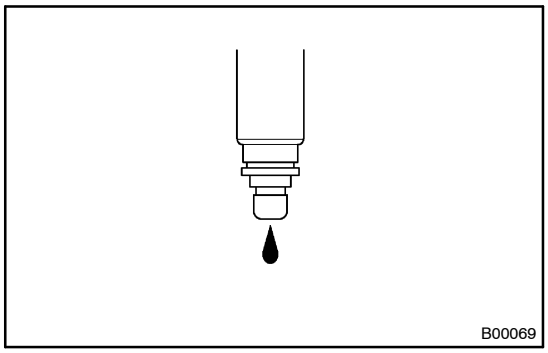
Standard:

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

NOTICE:

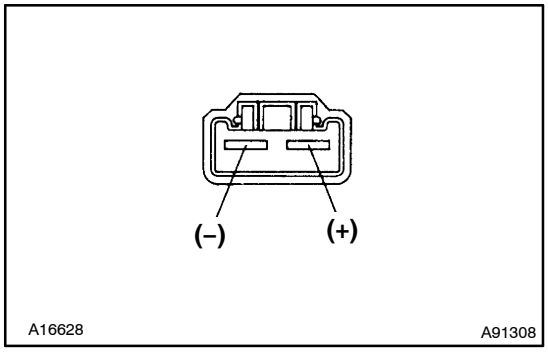
Always turn on and off the voltage on the battery side, not the fuel pump side.

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


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(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



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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 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.**