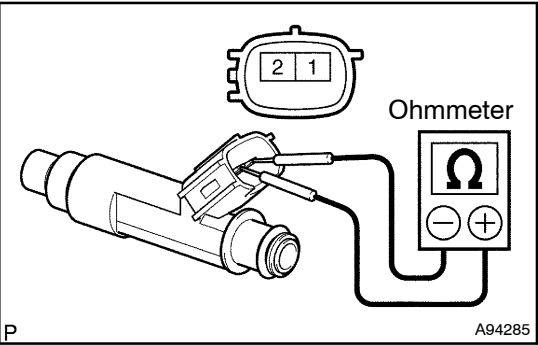


INSPECTION



1. INSPECT FUEL INJECTOR ASSY

- (a) Inspect the resistance.
- (1) Using an ohmmeter, measure the resistance between the terminals.

Standard:

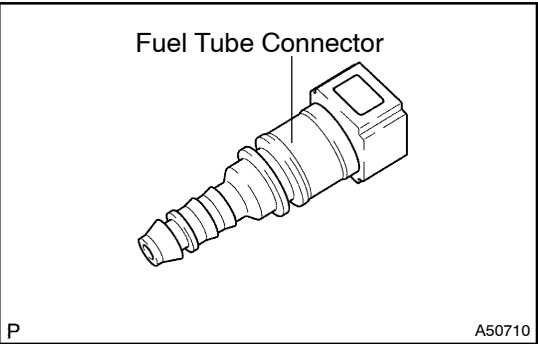
Tester Connection	Specified Condition
1 - 2	11.6 to 12.4 Ω at 20°C (68°F)

If the resistance is not as specified, replace the fuel injector.

- (b) Check the operation.

CAUTION:

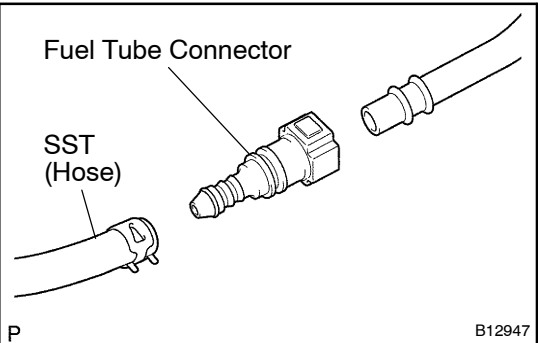
- This test involves high-pressure fuel and electricity. Keep the injector free of sparks during the test.
- Take every precaution regarding safe handling of both the fuel and electricity.
- Perform this test in a safe area, and avoid any sparks or flame.
- Do not smoke.



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

HINT:

Part No. 23901-28260

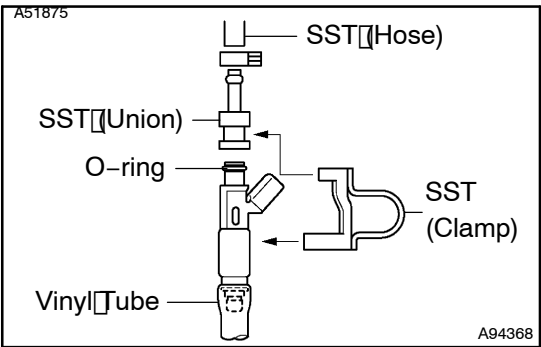


- (2) Connect SST and the fuel tube connector to the fuel pipe.

SST 09268-41047 (95336-08070)

CAUTION:

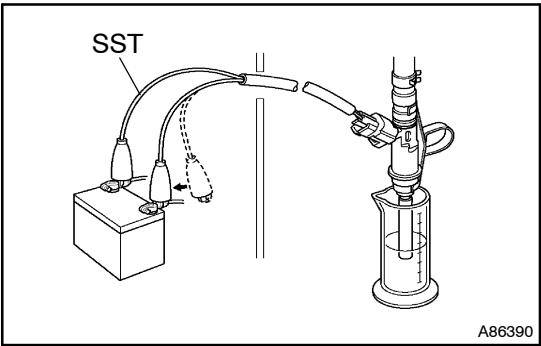
After taking the precautions, connect the quick connector.



- (3) Install the grommet and O-ring to the fuel injector.
- (4) Connect SST (a union and hose) to the fuel injector, then hold the fuel injector and union with SST (a clamp).
- SST 09268-41047 (09268-41110, 09268-41300, 95336-08070)
- (5) Put the fuel injector into a graduated cylinder.

HINT:
Install a suitable vinyl tube to the fuel injector to contain the gasoline spray.

- (6) Operate the fuel pump (see page 11-5).



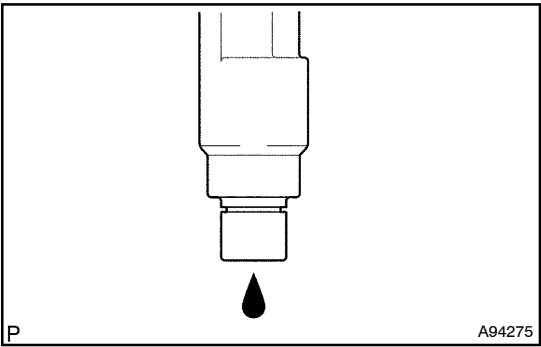
- (7) Connect SST (a wire) to the fuel injector and battery for 15 seconds, then measure the injection volume with the graduated cylinder. Test each fuel injector 2 or 3 times.

SST 09842-30080

Standard:

Injection Volume	Difference between Cylinders
76 to 92 cm ³ (4.6 to 5.6 cu in.) per 15 seconds	16 cm ³ (1.0 cu in.) or less

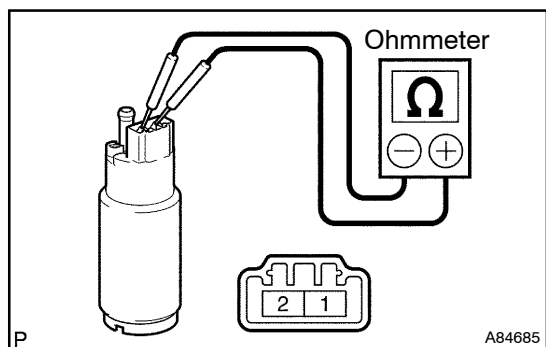
NOTICE:
Always do the switching at the battery side.
If the injection volume is not as specified, replace the fuel injector.



- (c) Inspect the leakage.
- (1) In the condition of step (7), disconnect the test probes of SST (a wire) from the battery, then check the fuel leakage from the fuel injector.

Fuel drop: 1 drop or less per 12 minutes

If the fuel drop is not as specified, replace the fuel injector.



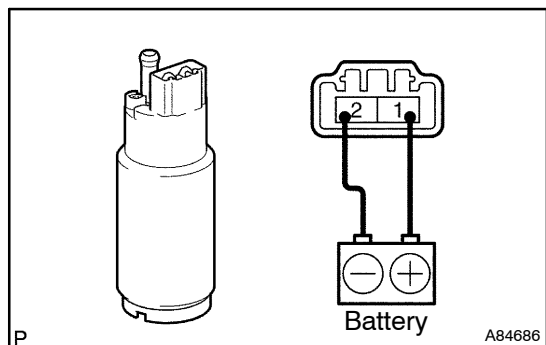
2. INSPECT FUEL PUMP

- (a) Inspect the resistance.
- (1) Using an ohmmeter, measure the resistance between the terminals.

Standard:

Tester Connection	Specified Condition
1 - 2	0.2 to 3.0 Ω at 20°C (68°F)

If the resistance is not as specified, replace the fuel pump.



- (b) Check the operation.
- (1) Apply battery positive voltage across the terminals.
- (2) Check that the fuel pump operates.

NOTICE:

- **These tests must be performed quickly (within 10 seconds) to prevent burnout of the coil.**
- **Keep the fuel pump as far away from the battery as possible.**
- **Always do the switching at the battery side.**

If the operation is not as specified, replace the fuel pump.