

# INSPECTION

## 1. FUEL INJECTOR ASSY

### (a) Inspect Injector Resistance

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

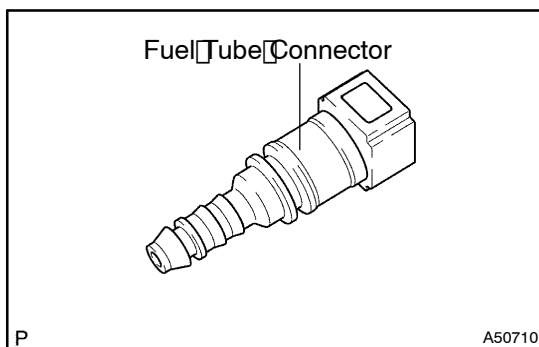
**Resistance: 13.4 – 14.2  $\Omega$  at 20°C (68°F)**

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

### (b) Inspect Injector Inspection

#### CAUTION:

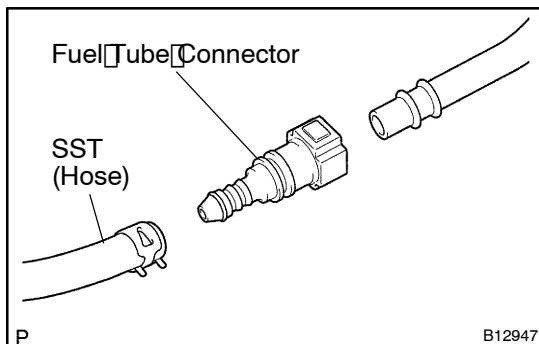
**Keep injector clear of sparks during the test.**



- (1) Purchase the new No.1 fuel pipe and take out the fuel tube connector from its pipe.

#### HINT:

Part No. 23801 – 20140

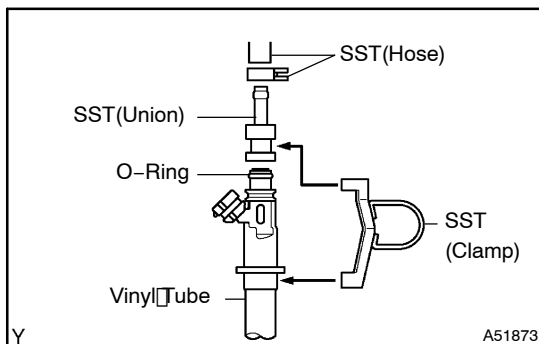


- (2) Connect SST and fuel tube connector to the fuel pipe.

SST 09268-41047 (95336-08070)

#### CAUTION:

**Perform connecting operations of the fuel tube connector (quick type) after observing the precautions.**



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

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

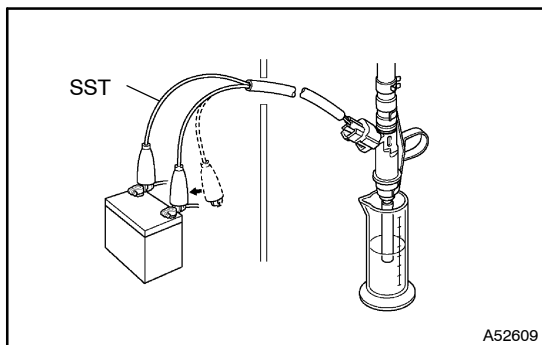
SST 09268-41047 (09268-41110, 09268-41300, 95336-08070)

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

#### HINT:

Install a suitable vinyl tube onto the injector to prevent gasoline from splashing out.

- (6) Operate the fuel pump. (See Page 11-52)



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

SST 09842-30070

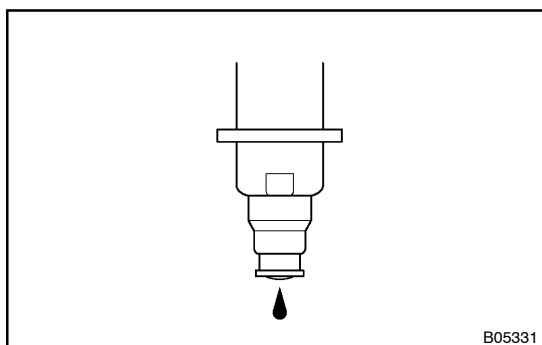
**Injection volume:**

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

**NOTICE:**

**Always do the switching at the battery side.**

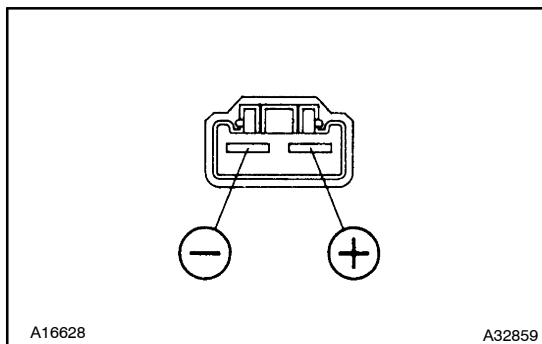
If the injection volume is not as specified, replace the injector.



- (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 per 12 minutes**



## 2. FUEL PUMP

- (a) Inspect fuel pump resistance.

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

**Resistance: 0.2 – 3.0 Ω at 20°C (68°F)**

- (b) Inspect fuel pump operation

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

**NOTICE:**

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