

## INSPECTION

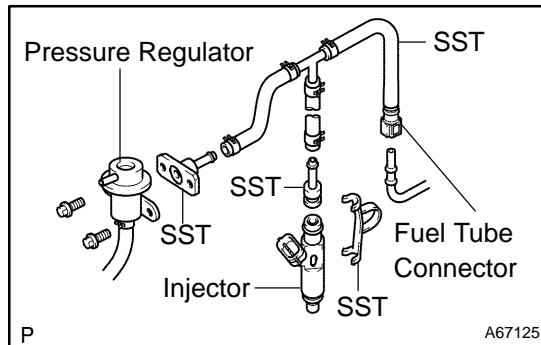
### 1. FUEL INJECTOR ASSY

#### (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)**

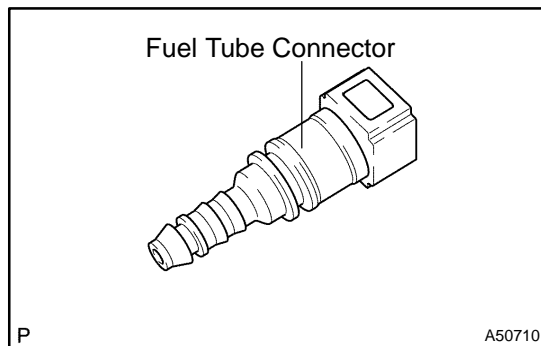
If the resistance is not as specified, replace the injector.



#### (b) Inspect injector inspection

##### CAUTION:

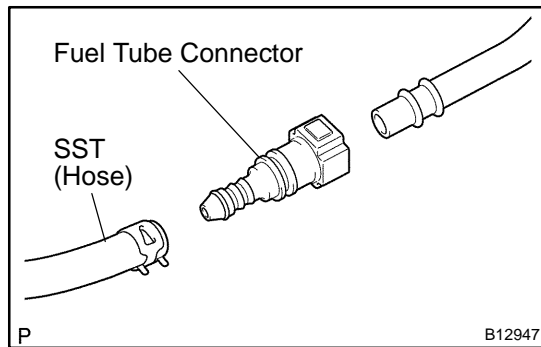
**Keep injector clear of sparks during the test.**



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

##### HINT:

Part No. 23271-50190



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

SST 09268-41047 (95336-08070)

##### CAUTION:

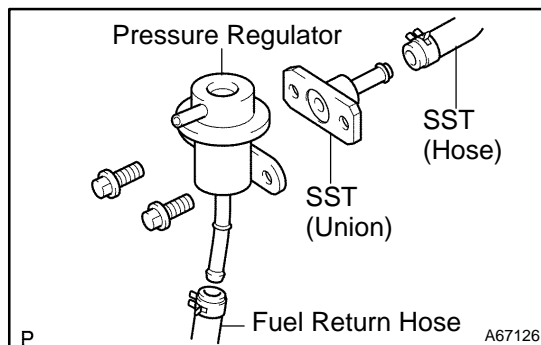
**Perform connecting operations of the fuel tube connector (quick type) after observing the precautions.**

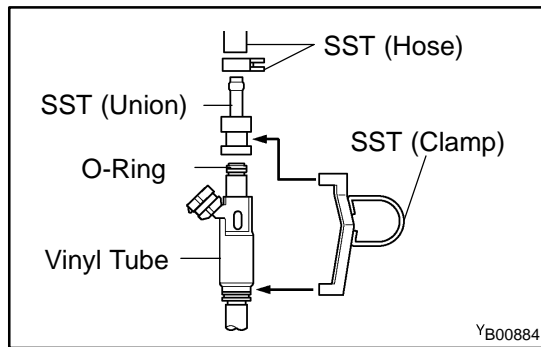
- (3) Remove the pressure regulator from the delivery pipe.
- (4) Install the O-ring to the fuel inlet of the pressure regulator.
- (5) Connect SST (hose) to the fuel inlet of the pressure regulator with SST (union) and the 2 bolts.

SST 09268-41047 (95336-08070, 09268-41091)

**Torque: 7.5 N·m (80 kgf·cm, 66 in·lbf)**

- (6) Connect the fuel return hose to the fuel outlet of the pressure regulator.

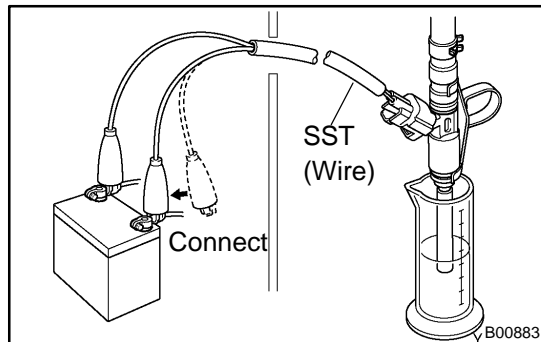




- (7) Install the O-ring to the injector.
- (8) Connect SST (union and hose) to the injector, and hold the injector and union with SST (clamp)
- SST 09268-41047 (09268-41110, 09268-41300, 95336-08070)
- (9) Put the injector into a graduated cylinder.

**CAUTION:**

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



- (10) Operate the fuel pump. (See Page 11-5)
- (11) 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 times.

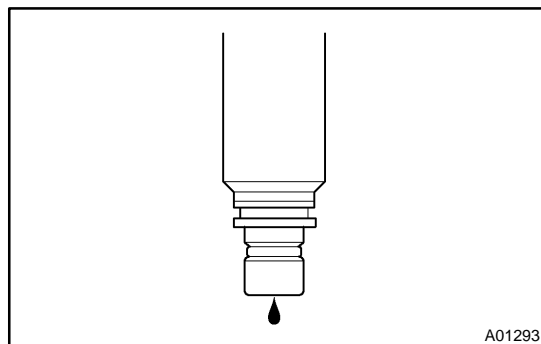
SST 09842-30070

**Volume: 56 - 69 cm<sup>3</sup> (3.4 - 4.2 cu in.) per 15 seconds**

**Difference between each injector:**

**13 cm<sup>3</sup> (0.8 cu in.) or less**

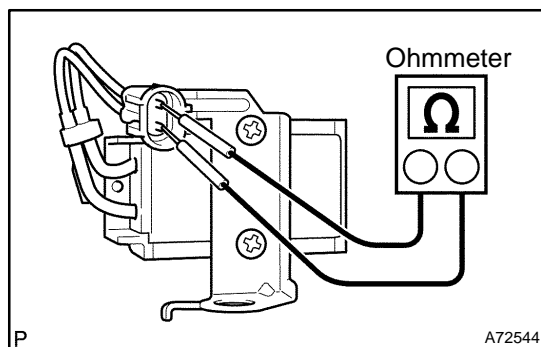
If the injection volume is not as specified, replace the injector.



- (c) Inspect leakage
- (1) In the condition above, disconnect the tester probes of SST (wire) from the battery and check the fuel leakage from the injector.

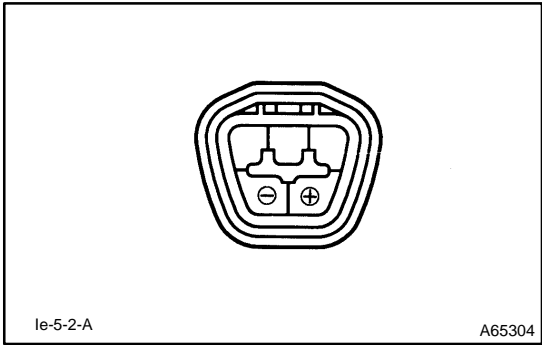
SST 09842-30070

**Fuel drop: 1 drop or less per 12 minutes**

**2. FUEL PUMP RESISTER**

- (a) Inspect the fuel pump resistor resistance.
- (1) Using an ohmmeter, measure the resistance between terminal.

**Resistance: 0.70 - 0.76  $\Omega$  at 20°C (68°F)**



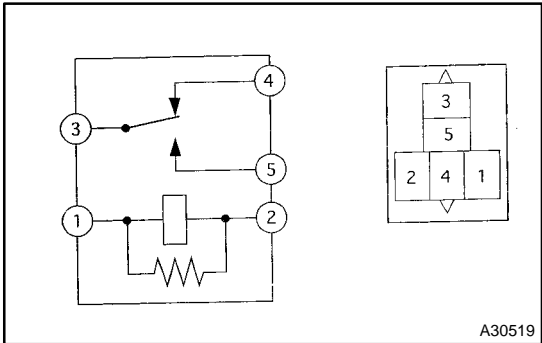
### 3. FUEL SUCTION W/PUMP & GAGE TUBE ASSY

- (a) Inspect fuel pump resistance.
  - (1) Using an ohmmeter, measure the resistance between terminals 4 and 5.

**Resistance: 0.2 - 3.0  $\Omega$  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.



### 4. FUEL PUMP RELAY ASSY

- (a) Continuity inspection.
  - (1) Using an ohmmeter, check that there is continuity between each terminal.

**Specified condition:**

Between terminals	Specified condition
1 - 2	Continuity
3 - 4	
3 - 5	No continuity

- (2) Using an ohmmeter, check that there is continuity between terminals 3 and 5 when the battery voltage is applied across terminals 1 and 2.

**Specified condition: Continuity**