110OK-01

INSPECTION

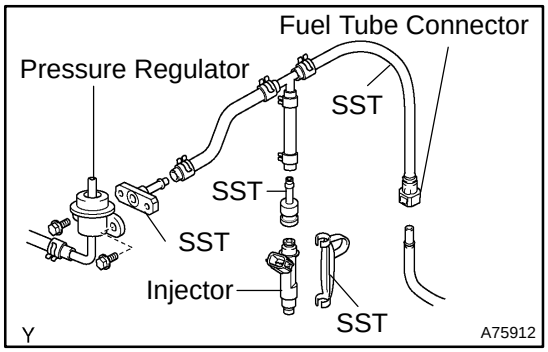
1. INSPECT FUEL INJECTOR ASSY

(a) Inspect injector resistance

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

Resistance: 11.6 - 12.4 Ω at 20°C (68°F)

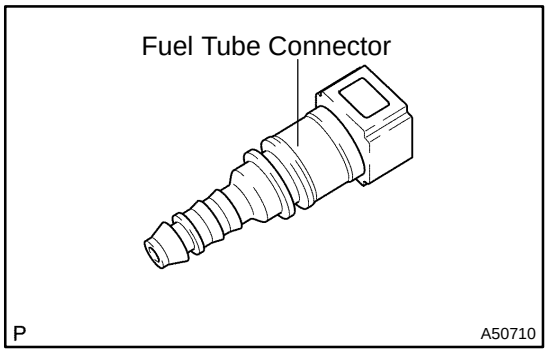
If the resistance is not as specified, replace the injector.



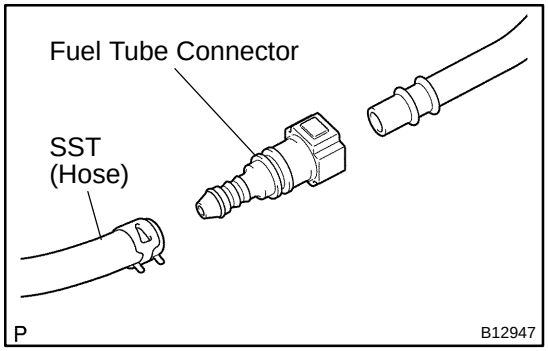
(b) Inspect injector inspection

CAUTION:

Keep injector clear of sparks during the test.



(1) Obtain the new No.1 fuel pipe (part No. 23801-31070) and take out the fuel tube connector from the pipe.



(2) Install the fuel tube connector to a SST (hose), then connect the tube connect and fuel pipe.

SST 09268-41047 (95336-08070)

CAUTION:

Connect the fuel tube connector (quick type) after observing the precautions.

(3) Remove the pressure regulator from the delivery pipe.

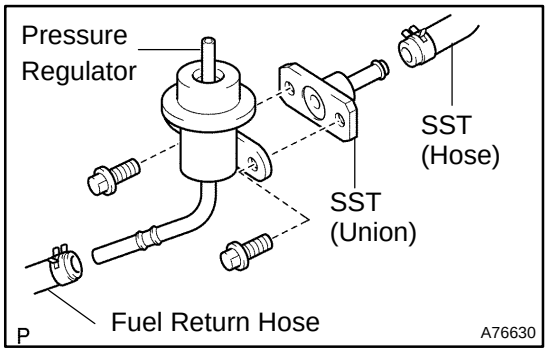
(4) Install the O-ring to the fuel inlet of the pressure regulator.

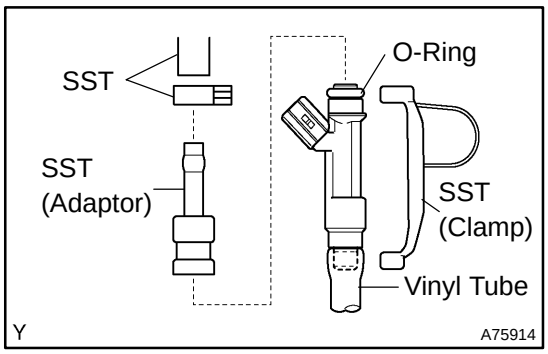
(5) Connect the SST (hose) to the fuel inlet of the pressure regulator with another SST (union) and the 2 bolts.

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 SSTs (adaptor and hose) to the injector, and hold the injector and union with SST (clamp)

SST 09268-41047 (09268-41140, 09268-41400, 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 a 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.

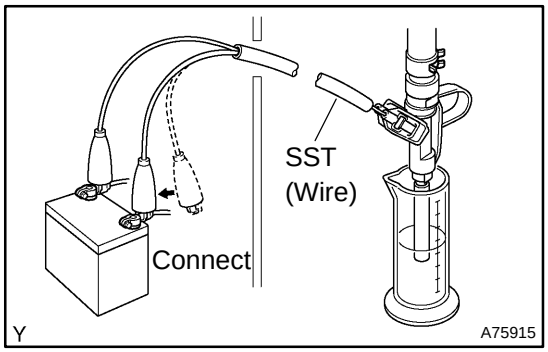
SST 09842-30080

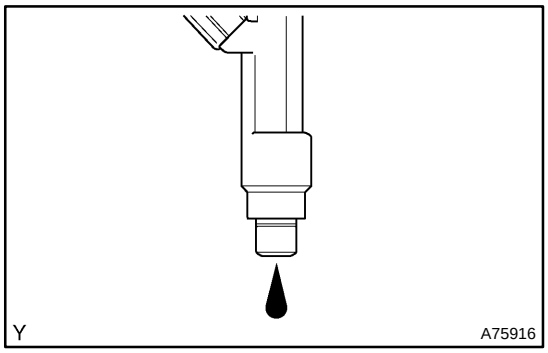
Volume: 76 - 91 cm^3 (4.6 - 5.5 cu in.) per 15 seconds

Difference between each injector:

15 cm^3 (0.9 cu in.) or less

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



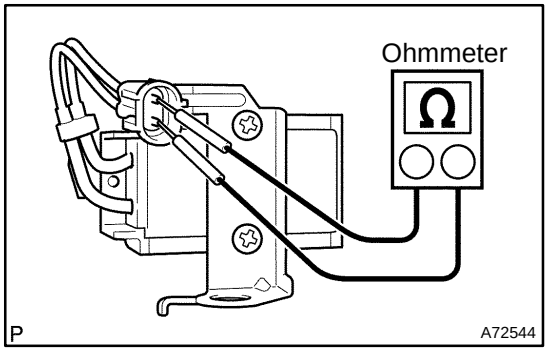


(c) Inspect leakage

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

SST 09842-30080

Fuel drop: 1 drop or less per 12 minutes

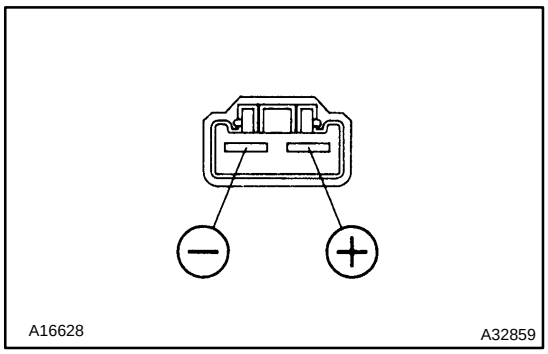


2. INSPECT FUEL PUMP RESISTER

(a) Inspect the fuel pump resistor resistance.

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

Resistance: 0.70 - 0.76 Ω at 20°C (68°F)



3. INSPECT FUEL PUMP

(a) Inspect fuel pump resistance.

(1) Using an ohmmeter, measure the resistance between terminals 4 and 5.

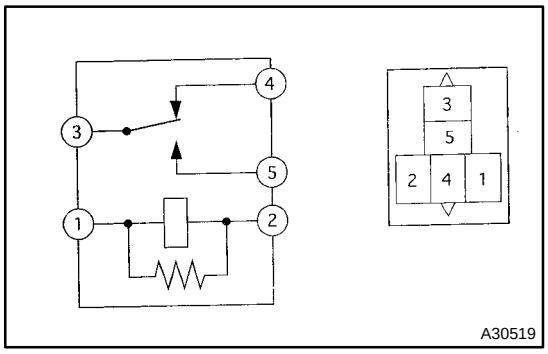
Resistance: 0.2 - 3.0 Ω at 20°C (68°F)

(b) Inspect fuel pump operation

(1) Apply the 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. INSPECT FUEL PUMP RELAY ASSY

(a) Continuity inspection.

(1) Using the ohmmeter, check that there is continuity between each terminal.

Specified condition:

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

(2) Using the 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