1118O–01

INSPECTION

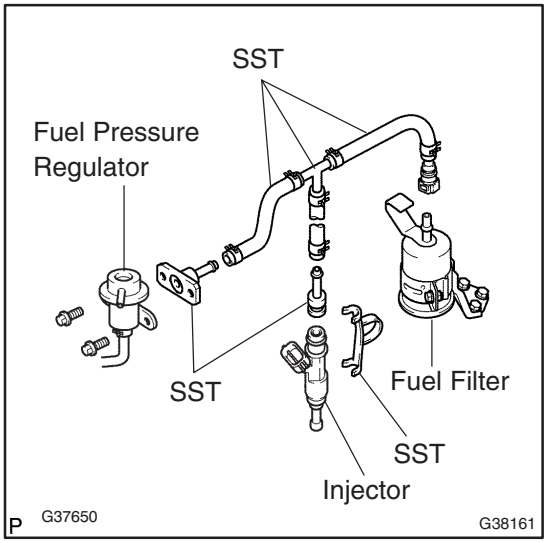
1. INSPECT FUEL INJECTOR ASSY

(a) Inspect injector resistance.

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

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

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

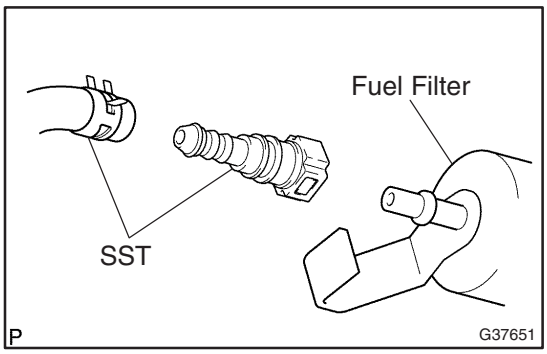


(b) Inspect injector.

SST 09842–30080, 09268–41048 (09268–41110, 09268–41091, 09268–41120, 09268–41310, 95336–08070, 09268–41500)

CAUTION:

This test involves high–pressure fuel and electricity. Take all precautions regarding safe handling of both the fuel and the electricity. Perform this test in a safe area, and avoid any spark or flame. Do not smoke.

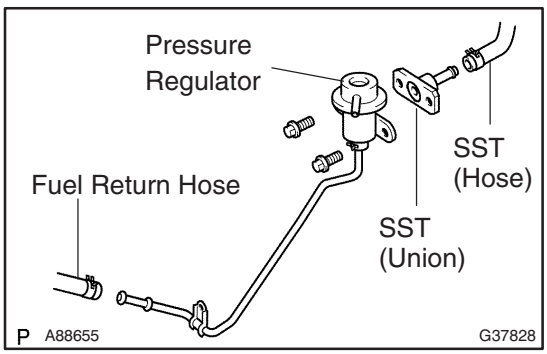


(1) Install the SST (tube connector) to SST (hose), then connect the fuel filter.

SST 09268–41048 (95336–08070, 09268–41500)

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

(3) Install the O–ring to the fuel inlet of the pressure regulator.

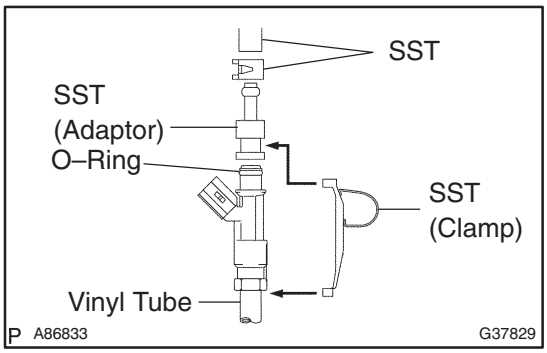


(4) Connect SST (hose) to the fuel inlet of the pressure regulator with another SST (union) and the 2 bolts.

SST 09268–41048 (09268–41091, 95336–08070)

Torque: 8.5 N·m (87 kgf·cm, 75 in.·lbf)

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



(6) Install the O–ring to the injector.

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

SST 09268–41048 (09268–41110, 09268–41310, 95336–08070)

(8) Put the injector into a graduated cylinder.

CAUTION:

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

(9) Operate the fuel pump (See page 11–6).

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

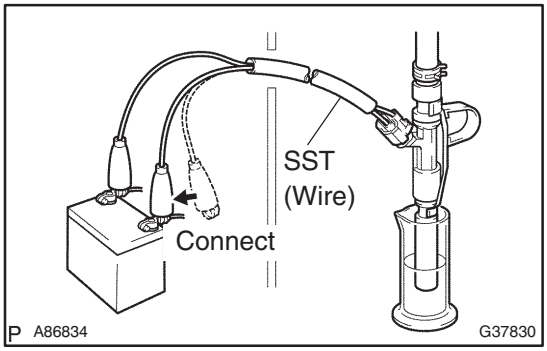
SST 09842–30080

Volume: 71 to 86 cm^3 (4.3 to 5.2 cu in.) in 15 seconds

Difference between each injector:

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

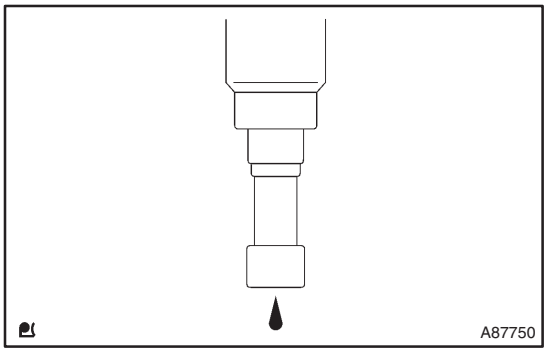
If the injection volume is not as specified, replace the injector.



(c) Check for leakage.

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

Fuel drop: 1 drop or less in 12 minutes



2. INSPECT FUEL PUMP

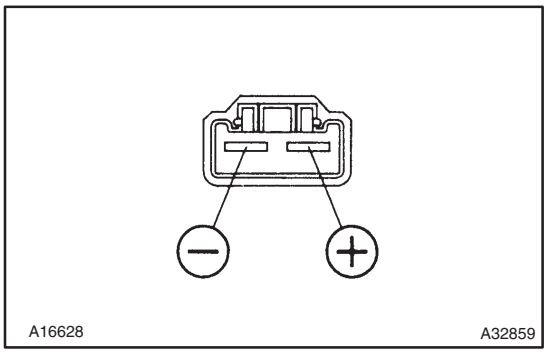
(a) Inspect fuel pump resistance.

(1) Using an ohmmeter, measure the resistance between terminals 1 and 2.

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

(b) Inspect fuel pump operation.

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



NOTICE:

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

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