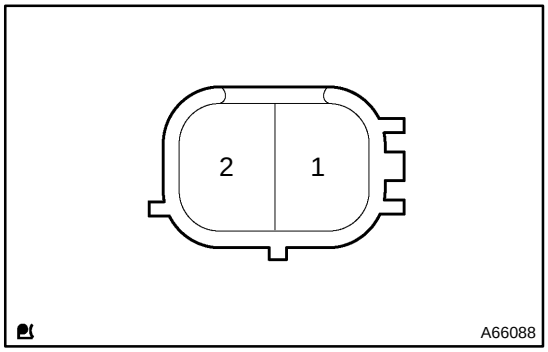
110F6–01

INSPECTION

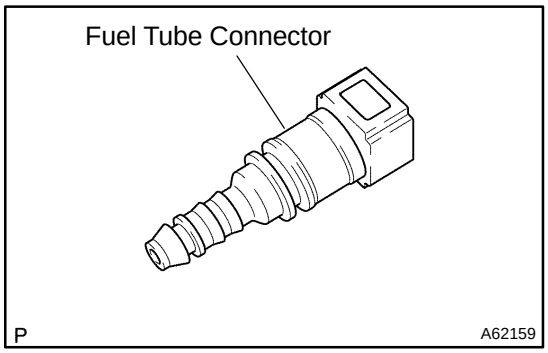


1. FUEL INJECTOR ASSY

(a) Inspect injector resistance.

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

Resistance: 13.4 – 14.2 Ω at 20°C (68°F)



(b) Inspect injector inspection

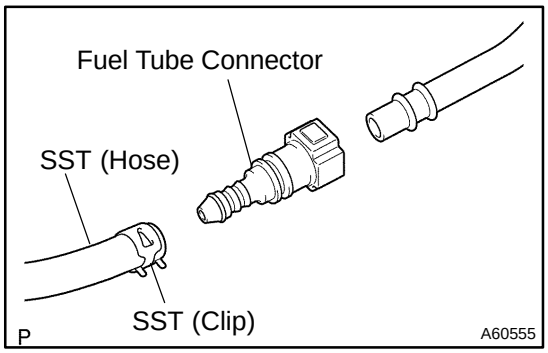
CAUTION:

Keep injector clear of sparks during the test.

(1) Purchase a new fuel tube, and take out the fuel tube connector from its tube.

HINT:

Part No. 23901–0D010

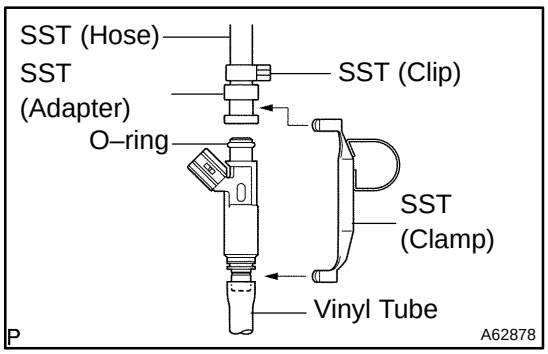


(2) Connect SST and fuel tube connector to the fuel pipe.

SST 09268–41047 (90467–13001, 95336–08070)

CAUTION:

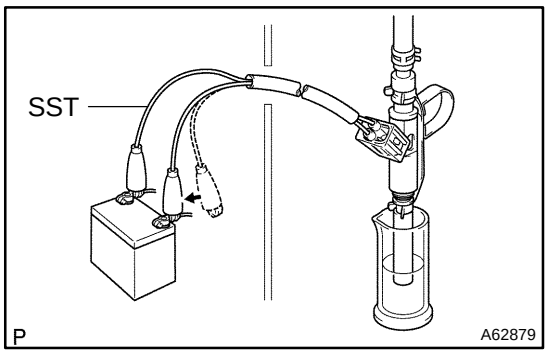
Perform connecting operations of the fuel tube connector (quick type) after observing the precautions.



(3) Install an O–ring to the fuel injector.

(4) Connect SST (union and hose) to fuel the injector, and hold the fuel injector to prevent gasoline from splashing out. (See page 11–1)

SST 09268–41047 (90467–13001, 95336–08070, 09268–41110, 09268–41300)



(5) Put the fuel 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.

(7) Connect SST to the connector of fuel injector.

SST 09842–30080

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

Injection volume:

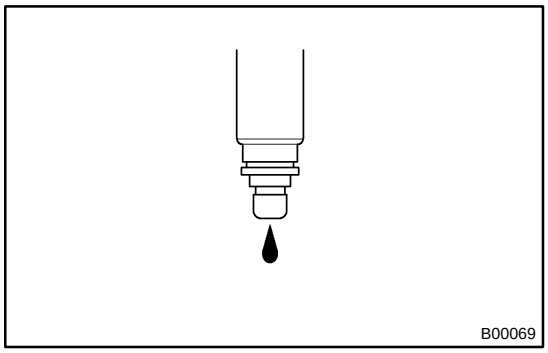
1ZZ–FE 60 – 73 cm^3 (3.7 – 4.5 cu in.) per 15 seconds

2ZZ–GE 77 – 94 cm^3 (4.7 – 5.7 cu in.) per 15 seconds

Difference between each injector:

1ZZ–FE 13 cm^3 (0.8 cu in.) or less

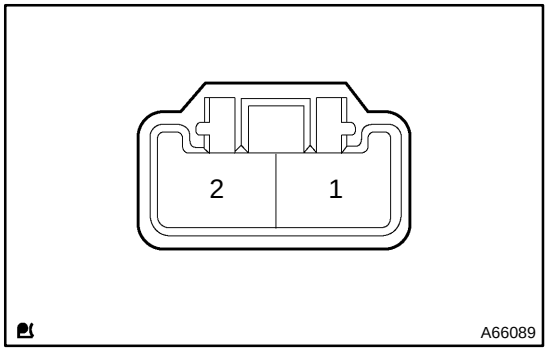
2ZZ–GE 17 cm^3 (1.0 cu in.) or less



(c) Inspect leakage

(1) In the condition above, disconnect the test probes of the SST from the battery, and check the fuel leakage from the fuel 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 the 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.**