

INSPECTION

1. INSPECT FUEL INJECTOR ASSEMBLY

- (a) Inspect injector resistance.
 - (1) Measure the resistance between the terminals.

Standard resistance:

11.6 to 12.4 Ω at 20°C (68°F)

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

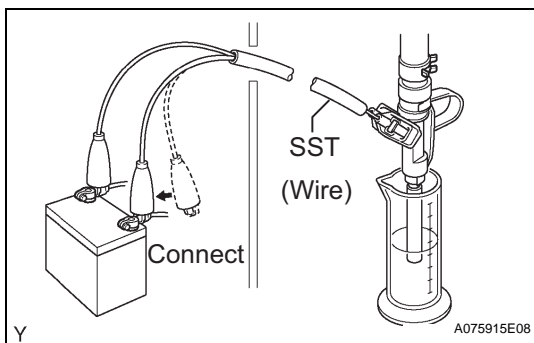
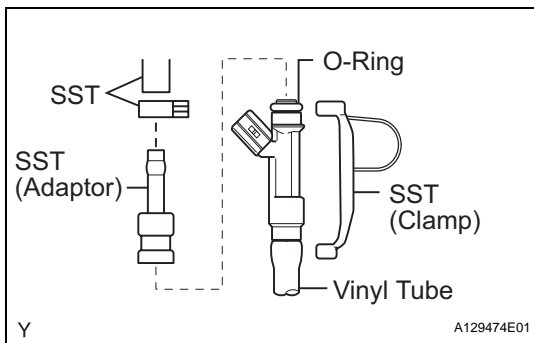
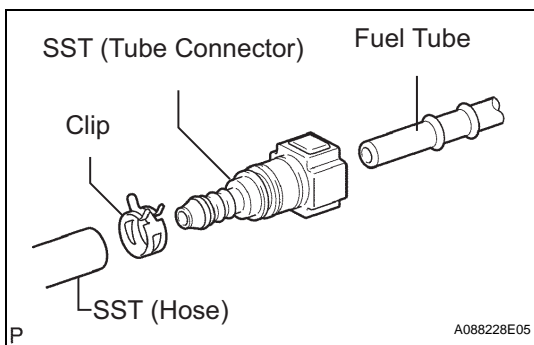
- (b) Inspect the injection volume.

CAUTION:

This test involves high-pressure fuel and electricity. Take every precaution regarding safe handling of both the fuel and the electricity. Perform this test in a safe area, and avoid any sparks or flames. Do not smoke.

- (1) Install the fuel tube connector to SST (hose), then connect the tube connector to the fuel pipe (vehicle side).

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



- (2) Install the O-ring to the fuel injector.
- (3) Connect SST (adaptor and hose) to the injector, and hold the injector and union with SST (clamp).

SST 09268-41048 (09268-41130, 90467-13001), 09268-41400

- (4) Put the injector into the graduated cylinder.

CAUTION:

Install a suitable vinyl tube onto the injector to contain gasoline spray.

- (5) Operate the fuel pump.
- (6) Connect SST (wire) to the injector and the battery for 15 seconds, and measure the injection volume with the graduated cylinder. Test each injector 2 or 3 times.

SST 09842-30080

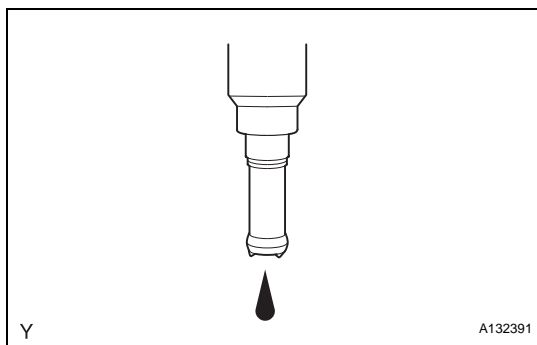
Standard volume:

84 to 100 cm³ (5.1 to 6.0 cu in.) in 15 seconds

Difference between each injector:

16 cm³ (0.96 cu in.) or less

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

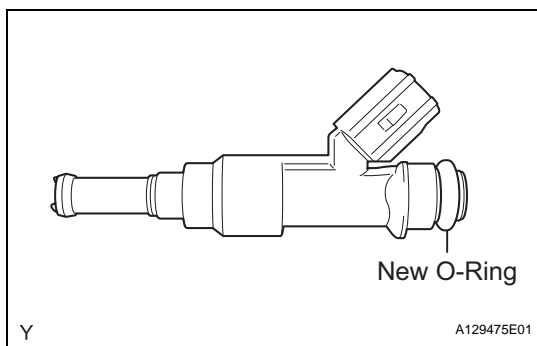


(c) Check for leakage.

- (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:

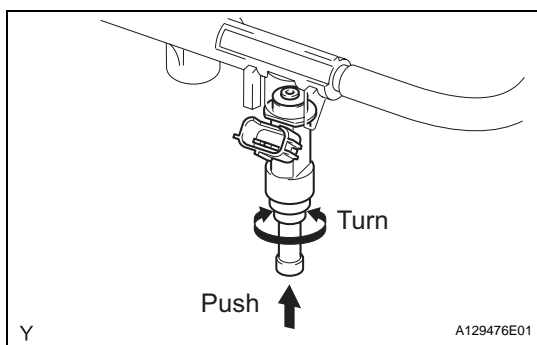
1 drop or less in 16 minutes



INSTALLATION

1. INSTALL FUEL INJECTOR ASSEMBLY

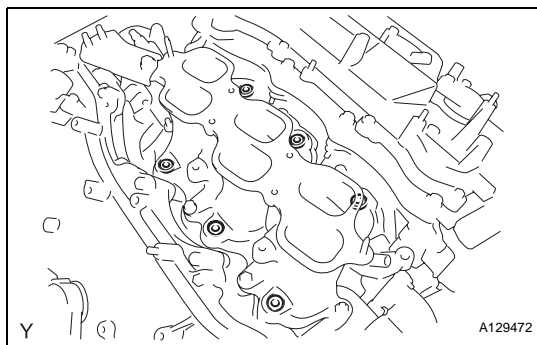
- (a) Apply a light coat of spindle oil or gasoline to 6 new O-rings, and install an O-ring to each injector.



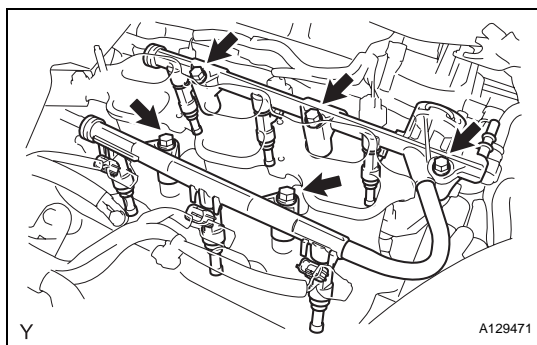
- (b) Apply a light coat of spindle oil or gasoline where the fuel delivery pipe contacts the O-ring.
- (c) Push the fuel injector while twisting it back and forth to install it in the fuel delivery pipe.
- (d) Position the fuel injector connector outward.

NOTICE:

- Be careful not to twist the O-ring.
- After installing the fuel injector, check that it turns smoothly. If it does not, reinstall it with a new O-ring.



- (e) Install 6 new insulators to the intake manifold.

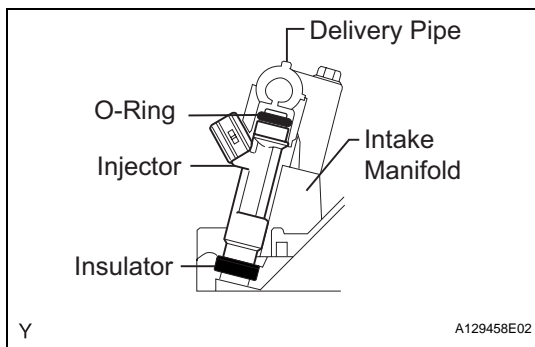


- (f) Place the fuel delivery pipe together with the 6 fuel injectors into the intake manifold.

NOTICE:

Be careful not to drop the fuel injectors when installing the fuel delivery pipe.

FU



- (g) Temporarily install the 5 bolts which are used to hold the fuel delivery pipe to the intake manifold.

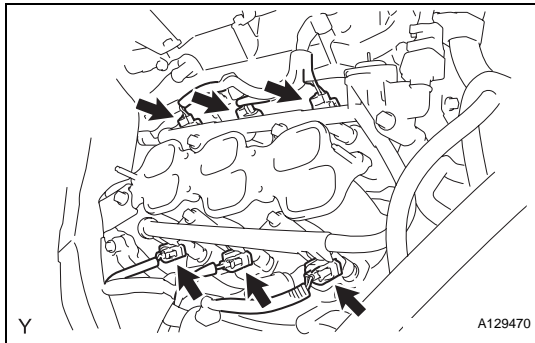
NOTICE:

After installing the fuel injector, check that it turns smoothly. If it does not, reinstall it with a new O-ring.

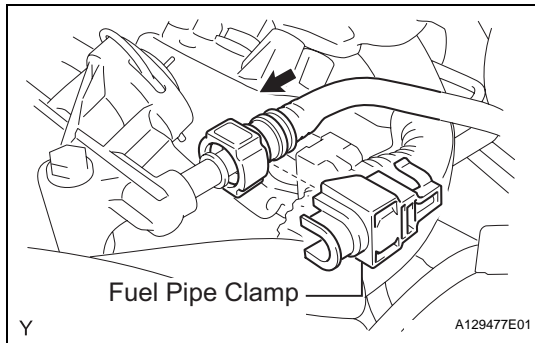
- (h) Tighten the 5 bolts which are used to hold the fuel delivery pipe to the intake manifold.

Torque: 21 N*m (214 kgf*cm, 15 ft.*lbf)

- (i) Connect the 6 fuel injector connectors.



FU



2. CONNECT FUEL MAIN TUBE

- (a) Push in the tube connector to the pipe until the tube connector makes a "click" sound.

NOTICE:

- Check that there is no damage or foreign objects on the connected part of the fuel pipe.
- After connecting, check if the fuel tube connector and the pipe are securely connected by pulling on them.

- (b) Install the No. 2 fuel pipe clamp.

3. INSTALL INTAKE AIR SURGE TANK ASSEMBLY (See page [EM-34](#))

4. INSTALL ENGINE ASSEMBLY

- (a) Install the engine (see page [EM-31](#)).

5. ADD ENGINE COOLANT (See page [CO-8](#))

6. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

7. CHECK FOR ENGINE COOLANT LEAKS (See page [CO-1](#))

8. CHECK FOR FUEL LEAKS