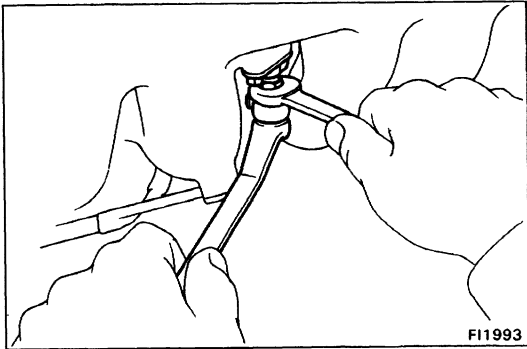
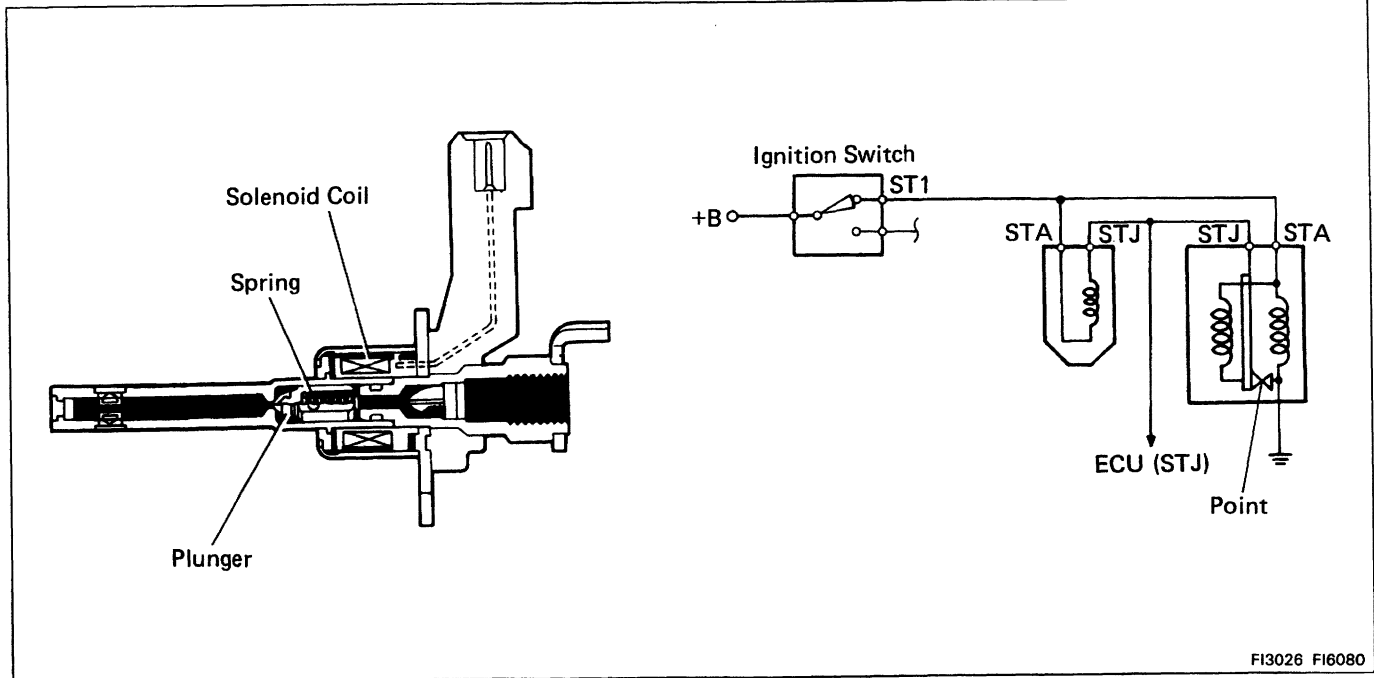


Cold Start Injector



REMOVAL OF COLD START INJECTOR

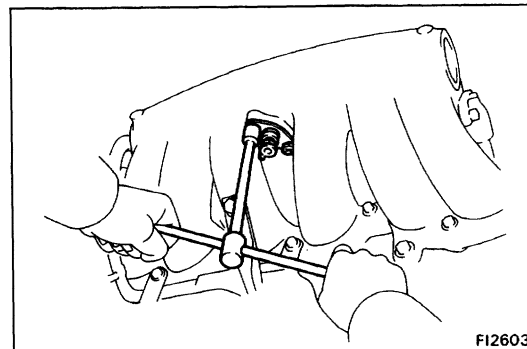
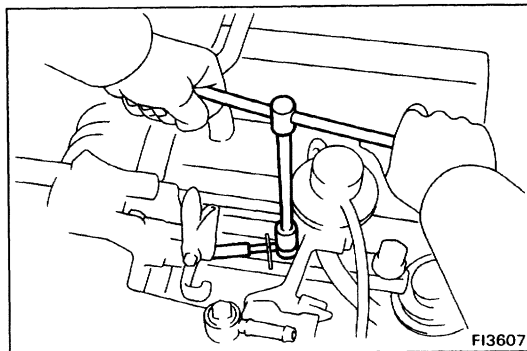
1. DISCONNECT CABLE FROM NEGATIVE TERMINAL OF BATTERY

2. REMOVE COLD START INJECTOR TUBE

- (a) Put a suitable container or shop towel under the cold start injector.
- (b) Remove the union bolt and two gaskets, and disconnect the injector tube.

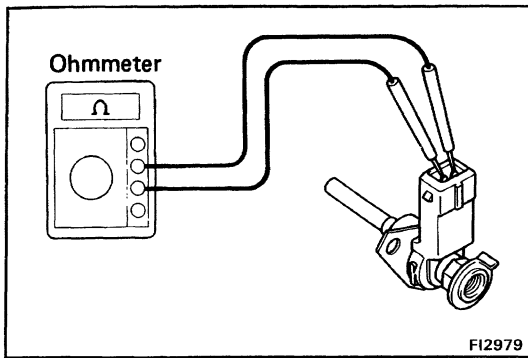
HINT: Slowly loosen the union bolt.

- (c) Remove the union bolt, two gaskets and fuel tube.



3. REMOVE COLD START INJECTOR

Remove the two bolts, cold start injector and gasket, and disconnect the cold start injector connector.



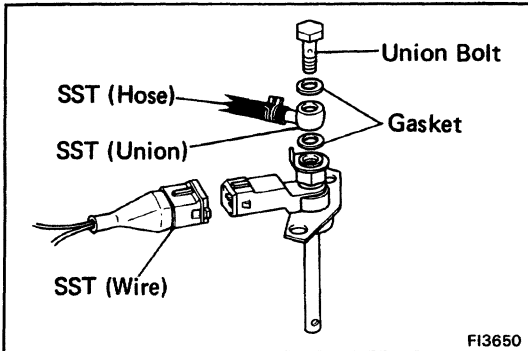
INSPECTION OF COLD START INJECTOR

1. INSPECT RESISTANCE OF COLD START INJECTOR

Using an ohmmeter, measure the resistance between the terminals.

Resistance: 2 – 4Ω

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



2. INSPECT INJECTION OF COLD START INJECTOR

CAUTION: Keep injector clear of sparks during the test.

(a) Install SST (two unions) to the injector and delivery pipe with new gaskets and the union bolts.

SST 09268-41045 (09268-41080, 90405-09015)

(b) Connect SST (hose) to the unions.

SST 09268-41045

(c) Connect SST (wire) to the injector.

SST 09842-30050

(d) Put a container under the injector.

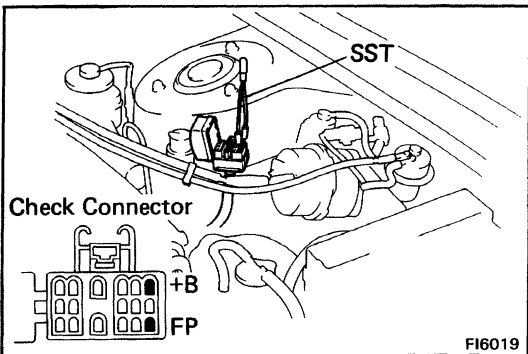
(e) Reconnect the battery negative (-) cable.

(f) Turn the ignition switch ON.

HINT: Do not start the engine.

(g) Using SST, connect terminals +B and FP of the check connector.

SST 09843-18020

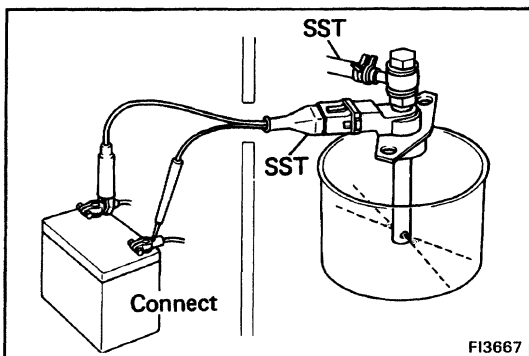


(h) Connect the test probes of the SST (wire) to the

battery, and check that the fuel spray is as shown.

SST 09842-30050

NOTICE: Perform this check within the shortest possible time.



3. INSPECT LEAKAGE

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

SST 09842-30050

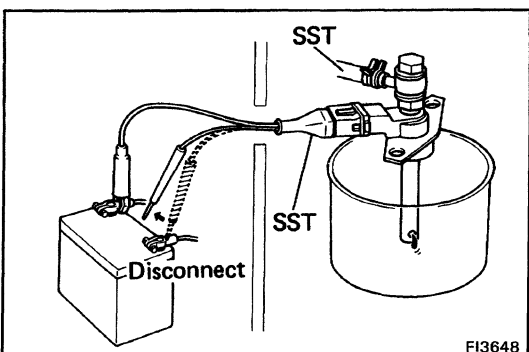
Fuel drop: One drop or less per minute

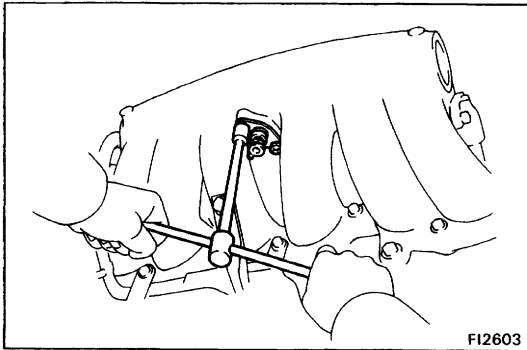
(b) Disconnect the battery negative (-) cable.

(c) Remove SST.

SST 09268-41045 (09268-41080, 90405-09015),

09842-30050 and 09843-18020



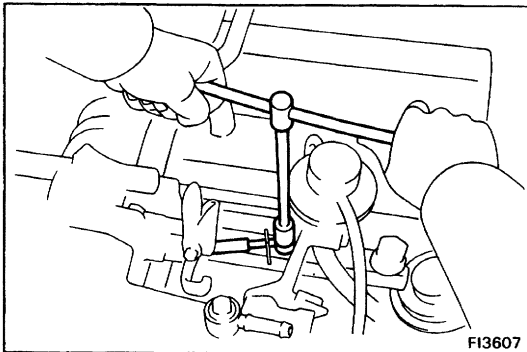


INSTALLATION OF COLD START INJECTOR

1. INSTALL COLD START INJECTOR

- (a) Connect the cold start injector connector to the cold start injector.
- (b) Install a new gasket and the injector with the two bolts.

Torque: 55 kg-cm (48 in.-lb, 5.4 N-m)



2. INSTALL COLD START INJECTOR TUBE

Install the cold start injector tube to the delivery pipe and cold start injector with new gaskets and union bolts.

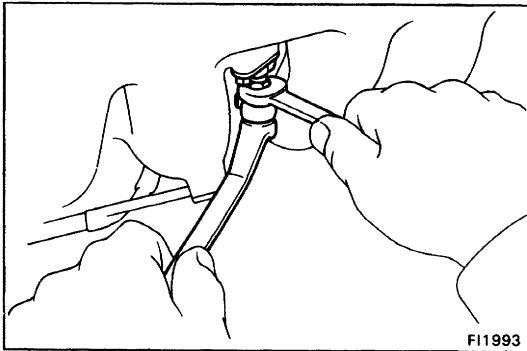
Torque:

Delivery pipe side

320 kg-cm (23 ft-lb, 31 N-m)

Cold start injector side

115 kg-cm (8 ft-lb, 11 N-m)



3. CONNECT CABLE TO NEGATIVE TERMINAL OF BATTERY

4. CHECK FOR FUEL LEAKAGE (See page [FI-8](#))