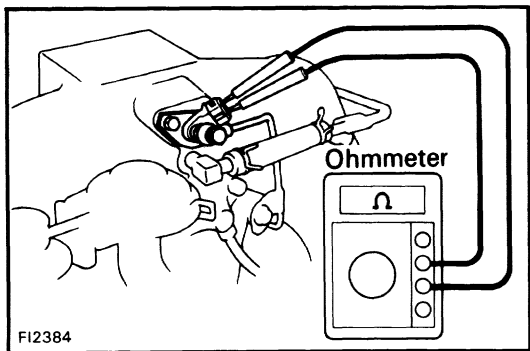
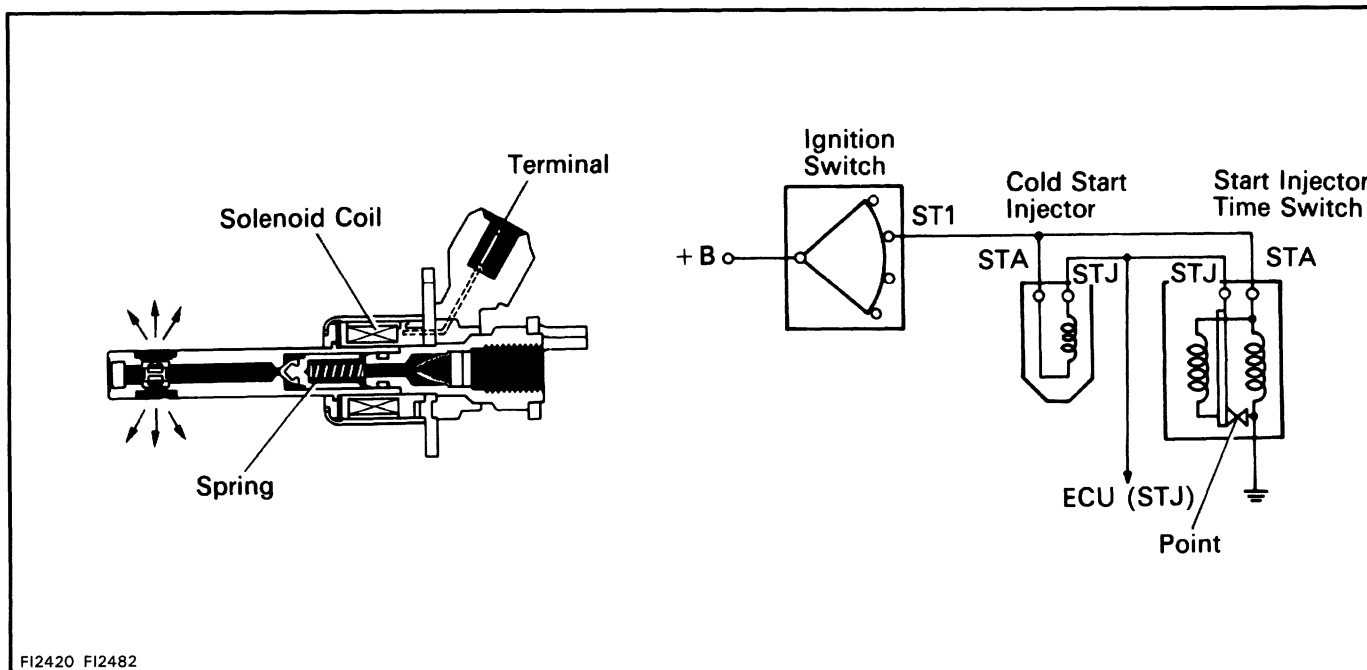


Cold Start Injector



ON-VEHICLE INSPECTION

INSPECT RESISTANCE OF COLD START INJECTOR

- Disconnect the cold start injector connector.
- Using an ohmmeter, measure the resistance between the terminals.

Resistance: 2 – 4 Ω

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

- Reconnect the cold start injector connector.

REMOVAL OF COLD START INJECTOR

1. DISCONNECT CABLE FROM NEGATIVE TERMINAL OF BATTERY

2. DISCONNECT COLD START INJECTOR CONNECTOR

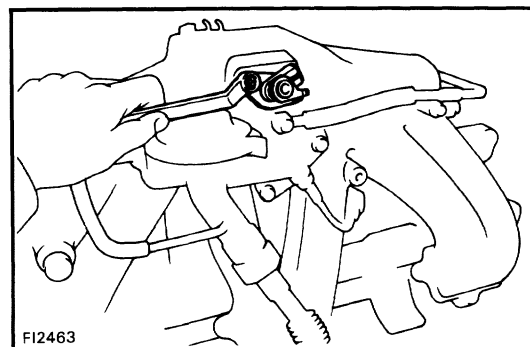
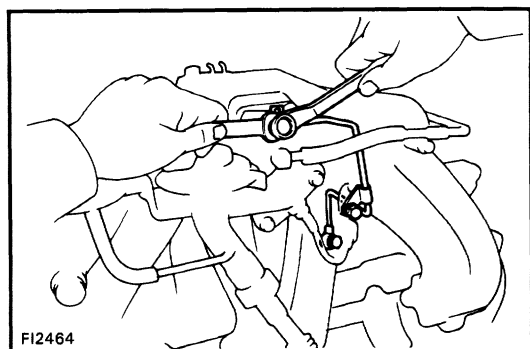
3. REMOVE COLD START INJECTOR PIPE

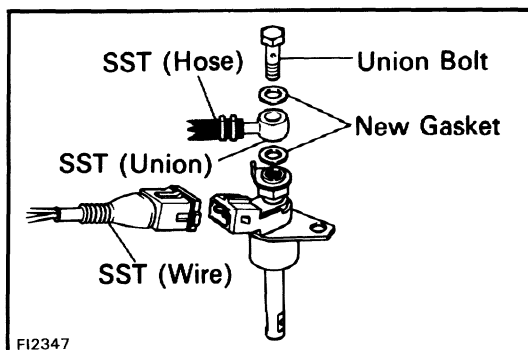
- Put a suitable container or shop towel under the injector pipe.
- Remove the two union bolts, four gaskets, pipe clamp bolt and injector pipe.

HINT: Slowly loosen the union bolts.

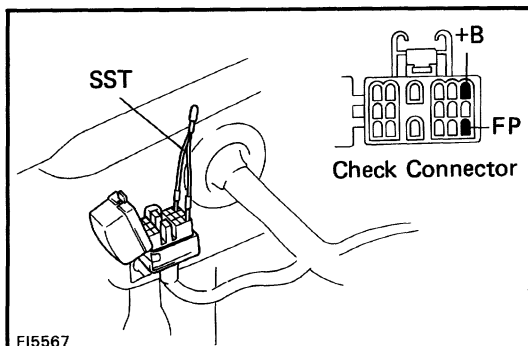
4. REMOVE COLD START INJECTOR

Remove the two bolts, cold start injector and gasket.

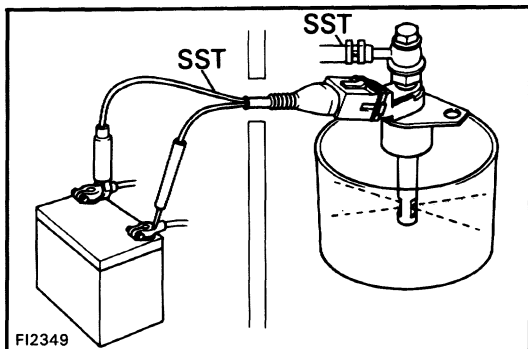




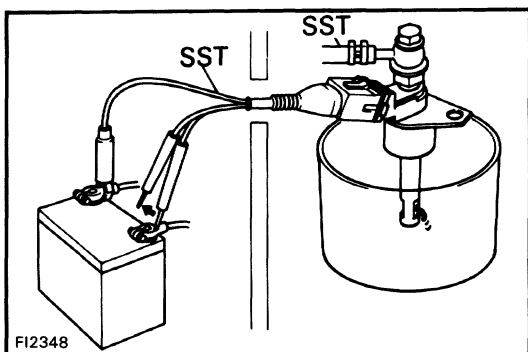
FI2347



FI5567



FI2349



FI2348

INSPECTION OF COLD START INJECTOR

1. INSPECT INJECTION OF COLD START INJECTOR

CAUTION: Keep 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)

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

SST 09268-41045 (09268-41080)

(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.

2. INSPECT LEAKAGE

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

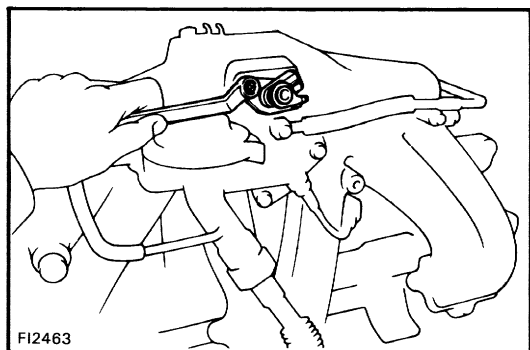
SST 09842-30050

Fuel drop: One drop or less per minute

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

(c) Remove SST.

SST 09268-41045, 09842-30050 and 09843-18020

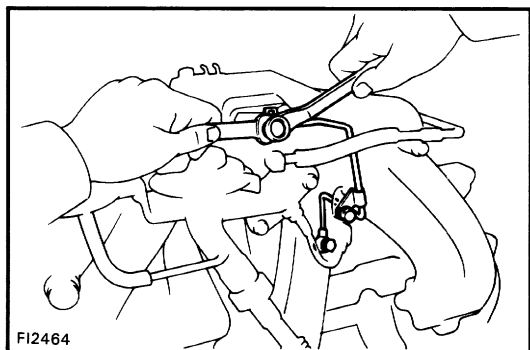


INSTALLATION OF COLD START INJECTOR

1. INSTALL COLD START INJECTOR

Install a new gasket and the injector with the two bolts.

Torque: 5.4 N-m (55 kgf-cm, 48in.-lbf)



2. INSTALL COLD START INJECTOR PIPE

Install the cold injector pipe with new four gaskets, the two union bolts and pipe clamp bolt.

Torque:

Union bolt 19 N-m (195 kgf-cm, 14 ft-lbf)

Clamp bolt 12 N-m (120 kgf-cm, 9 ft-lbf)

3. CONNECT COLD START INJECTOR CONNECTOR

4. CONNECT CABLE TO NEGATIVE TERMINAL OF BATTERY

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