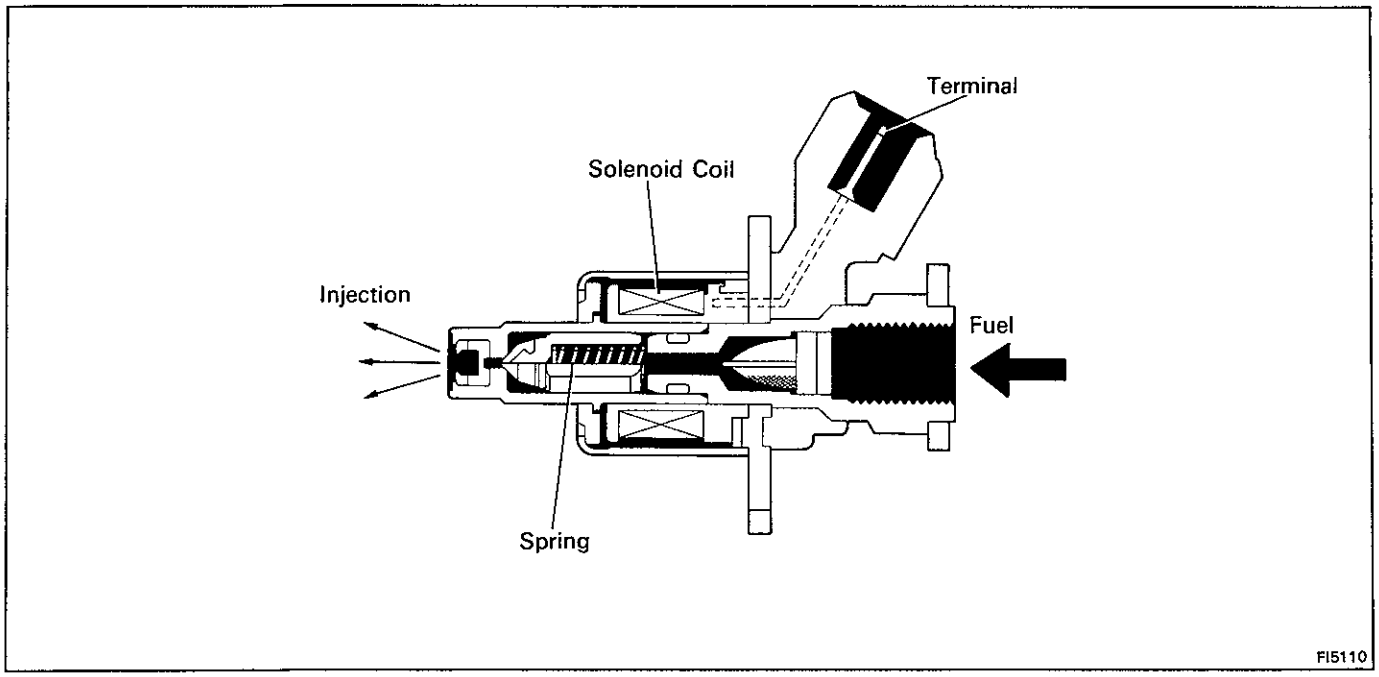
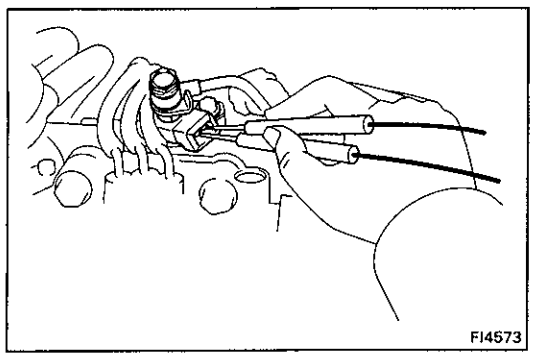
Cold Start Injector





ON-VEHICLE INSPECTION

MEASURE RESISTANCE OF COLD START INJECTOR

(a) Disconnect the cold start injector connector.

(b) Using an ohmmeter, check the resistance of the injector.

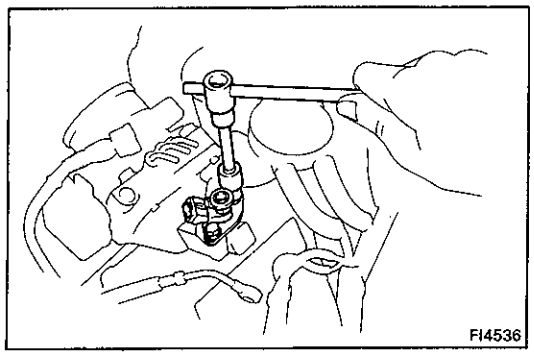
Resistance: 2 – 4 Ω

(c) Connect 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**

(a) Put a suitable container or shop towel under the cold star injector tube.

(b) Remove the union bolt and two gaskets, and disconnect the cold start injector tube.

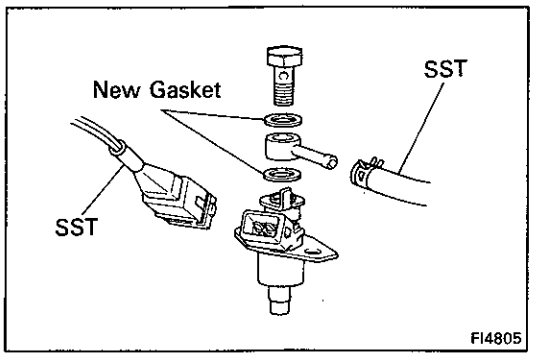
HINT: Slowly loosen the union bolt.

(c) Remove the two bolts and cold start injector and the gasket.

INSPECTION OF COLD START INJECTOR

CHECK INJECTION OF COLD START INJECTOR

HINT: The engine should be cold.



(a) Install a gasket, SST (two unions), another gasket and two union bolts to the delivery pipe and injector.

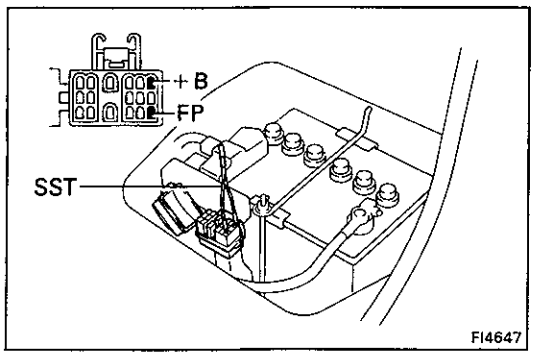
(b) Connect the SST (hose) to each union.

SST 09268-41045(09268-41080)

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

SST 09842-30050

CAUTION: Position the injector as far away from the battery as possible.



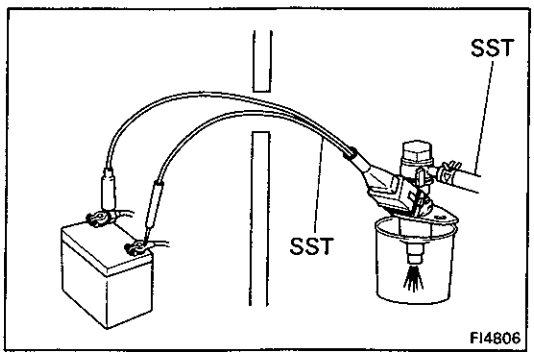
(d) Put a container under the injector.

(e) Turn the ignition switch to ON.

HINT: Do not start the engine.

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

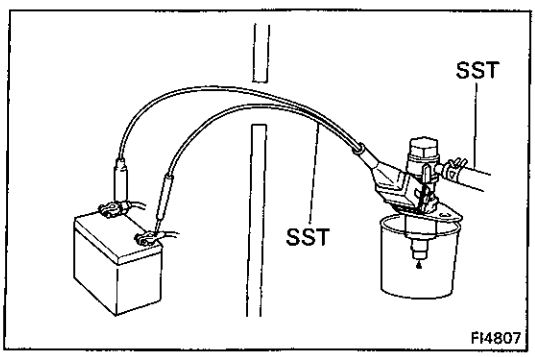
SST 09843-18020



(g) Connect the test probes of the SST to the battery and check that the fuel spray is as shown.

SST 09842-30050

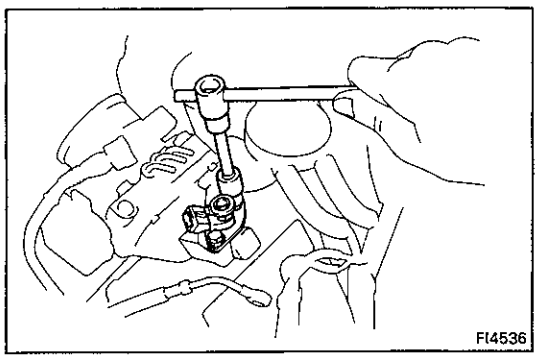
NOTICE: Perform this check within the shortest possible time.



(h) Disconnect the test probes from the battery and check that there is less than one drop of fuel per minute from the injector.

(i) After checking, remove SST and restore the following parts to their original condition.

- Check connector
- Ignition switch OFF
- Cold start injector
- Injector connector



INSTALLATION OF COLD START INJECTOR

1. **INSTALL COLD START INJECTOR**

   Place on a new gasket and install the cold start injector with the two bolts.

   Torque: 85 kg-cm (74 in-lb, 8.3 N·m)

2. **INSTALL COLD START INJECTOR TUBE**

   Using new gaskets, connect the cold start injector tube with the union bolts.

   Torque: 200 kg-cm (14 ft-lb, 20 N·m)

3. **CONNECT COLD START INJECTOR CONNECTOR**

4. **CONNECT CABLE TO NEGATIVE TERMINAL OF BATTERY**

5. **CHECK FOR FUEL LEAKAGE**