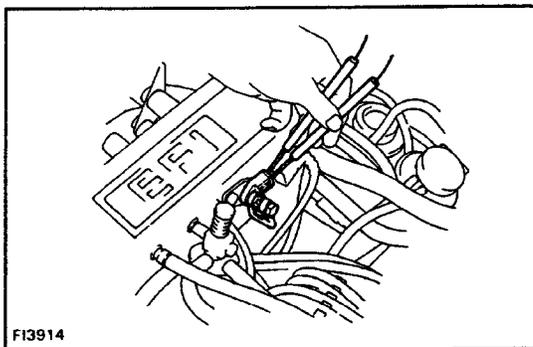
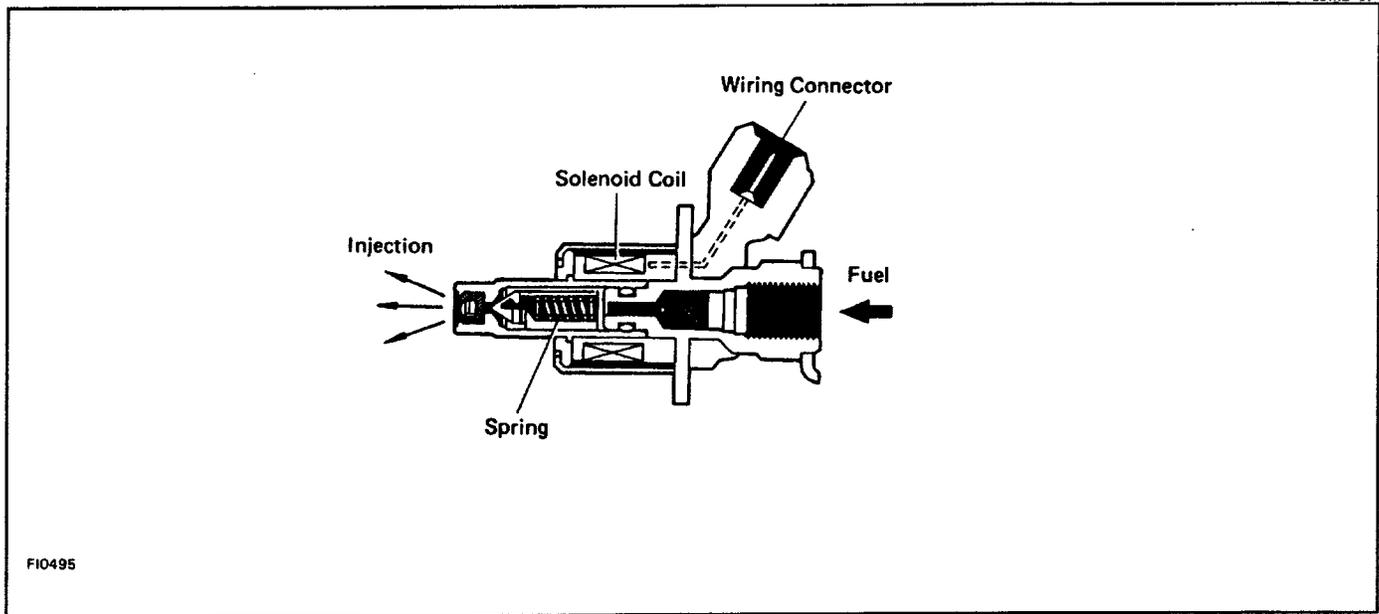


## COLD START INJECTOR



### ON-VEHICLE INSPECTION

#### MEASURE RESISTANCE OF COLD START INJECTOR

- (a) Disconnect the cold start injector connector.
- (b) Using ohmmeter, check the resistance of the injector.

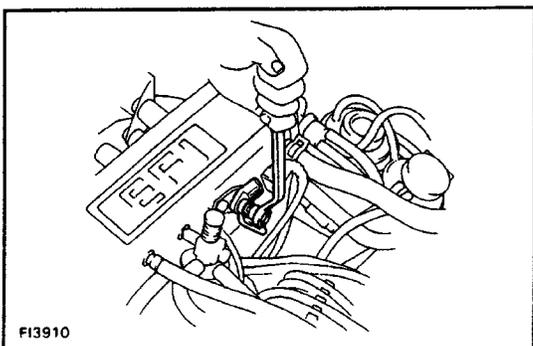
**Resistance: 2 -4  $\Omega$**

- (c) Connect the cold start injector connector.

### COLD START INJECTOR REMOVAL

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 start injector pipe.
- (b) Remove the union bolts and four gaskets, and remove the cold start injector pipe.

**HINT:** Slowly loosen the union bolt.

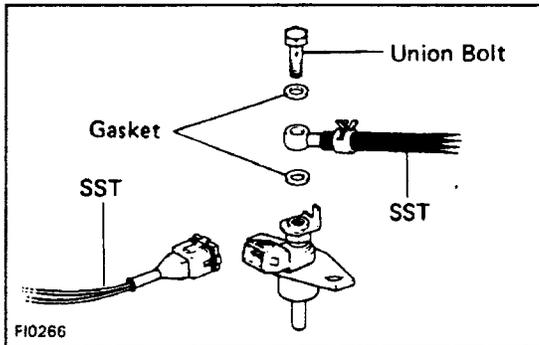
- (c) Remove the two bolts and cold start injector with the gasket.

## COLD START INJECTOR INSPECTION

### CHECK INJECTION OF COLD START INJECTOR

HINT: The engine should be cold.

(a) Remove the cold start injector.



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

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

SST 09268-41045 (092368-41080)

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

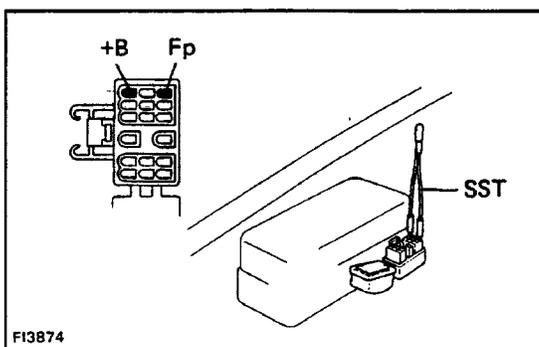
SST 09842-30050

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

(e) Put a container under the injector.

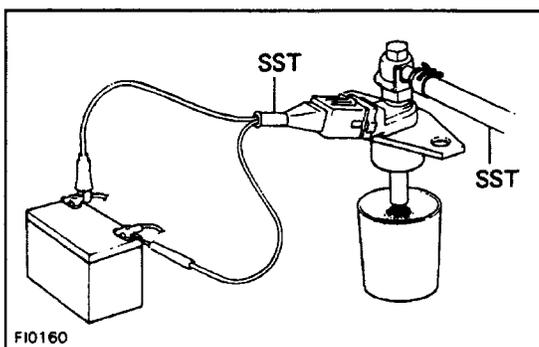
(f) Turn the ignition switch ON.

HINT: Do not start the engine.



(g) Using SST, connect terminals Fp and + B of the DLC 1.

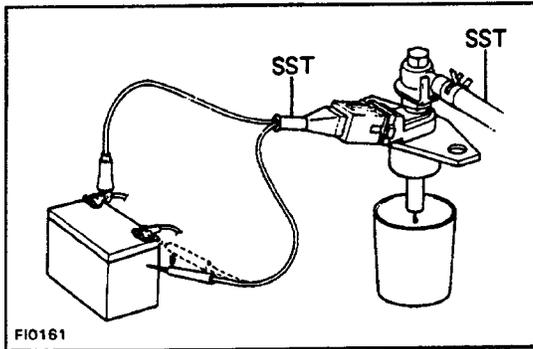
SST 09843-18020



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

SST 09842-30050

**NOTICE: Perform this check within the shortest possible time.**

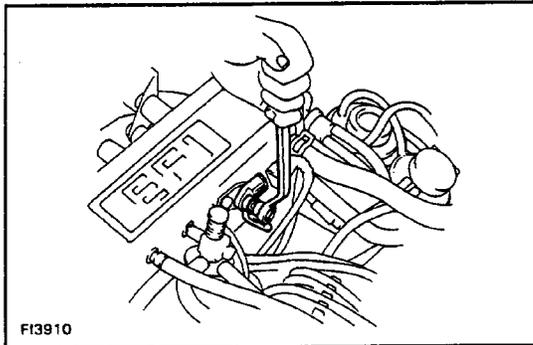


(i) Disconnect the test probes from the battery and check fuel leakage from the injector.

**Fuel drop: One drop or less per minute**

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

- DLC1
- Ignition switch
- Cold start injector
- Injector wiring



## COLD START INJECTOR INSTALLATION

### 1. INSTALL COLD START INJECTOR

(a) Using new gasket, install the cold start injector with the two bolts.

**Torque: 7.8 N-m (80 kgf-cm, 69 in.-lbf)**

(b) Install the fuel pipe between the cold start injector and fuel delivery pipe with new gaskets.

**Torque: 19 N-m (195 kgf-cm, 14 ft-lbf)**

### 2. CONNECT COLD START INJECTOR CONNECTOR

### 3. CONNECT CABLE TO NEGATIVE TERMINAL OF BATTERY

### 4. CHECK FOR FUEL LEAKAGE