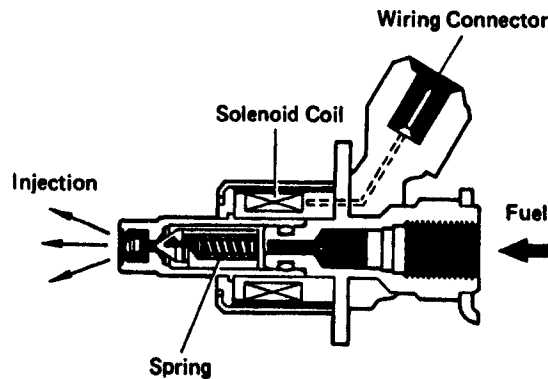
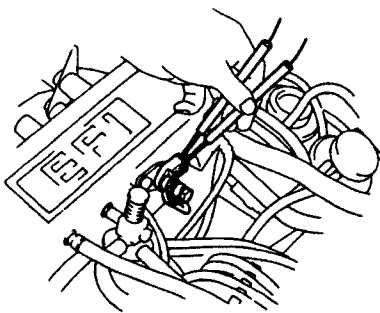


COLD START INJECTOR

89189-01



F10495



F13914

ON-VEHICLE INSPECTION

MEASURE RESISTANCE OF COLD START INJECTOR

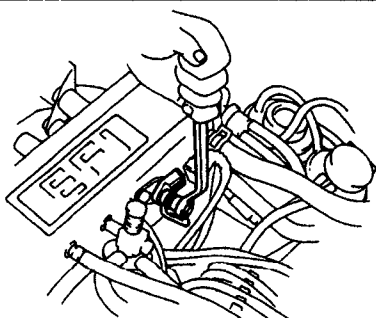
- (a) Disconnect the cold start injector connector.
- (b) Using ohmmeter, check the resistance of the injector.

Resistance: 2 –4Ω

- (c) Connect the cold start injector connector.

COLD START INJECTOR REMOVAL

1. DISCONNECT NEGATIVE TERMINAL CABLE FROM BATTERY
2. DISCONNECT COLD START INJECTOR CONNECTOR



F13910

3. REMOVE COLD START INJECTOR

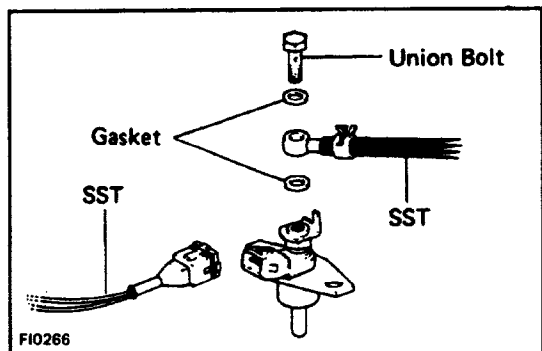
- (a) Put a suitable container or shop towel under the cold start injector pipe.
 - (b) Remove the union bolts and 4 gaskets, and remove the cold start injector pipe.
- HINT: Slowly loosen the union bolt.
- (c) Remove the 2 bolts and cold start injector with the gasket.

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 (2 unions), another gasket and 2 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.

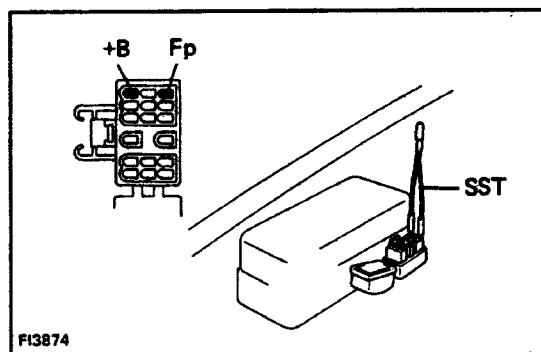
SST 09842-30050

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

(e) Put a container under the injector.

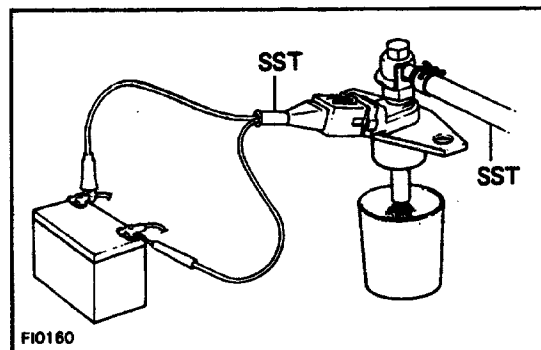
(f) Turn the ignition switch ON.

HINT: Do not start the engine.



(g) Using SST, connect terminals Fp and + B of the DLC1.

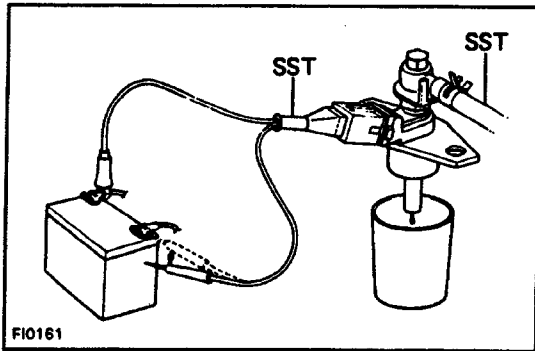
SST 09843-18020



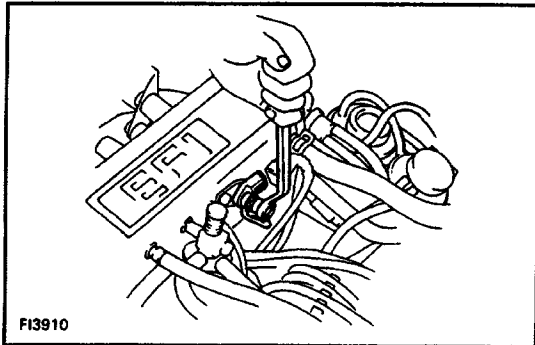
(h) Connect the test probes of the SST to the battery and check that the fuel injection is as shown.

SST 09842 - 30050

NOTICE: DO 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 these 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 2 bolts.

Torque: 7.8 N-m (80 kgf-cm, 69in.-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 NEGATIVE TERMINAL CABLE TO BATTERY

4. CHECK FOR FUEL LEAKAGE