

COLD START INJECTOR ON-VEHICLE INSPECTION

EG10R-03

INSPECT RESISTANCE OF COLD START INJECTOR

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

Resistance:

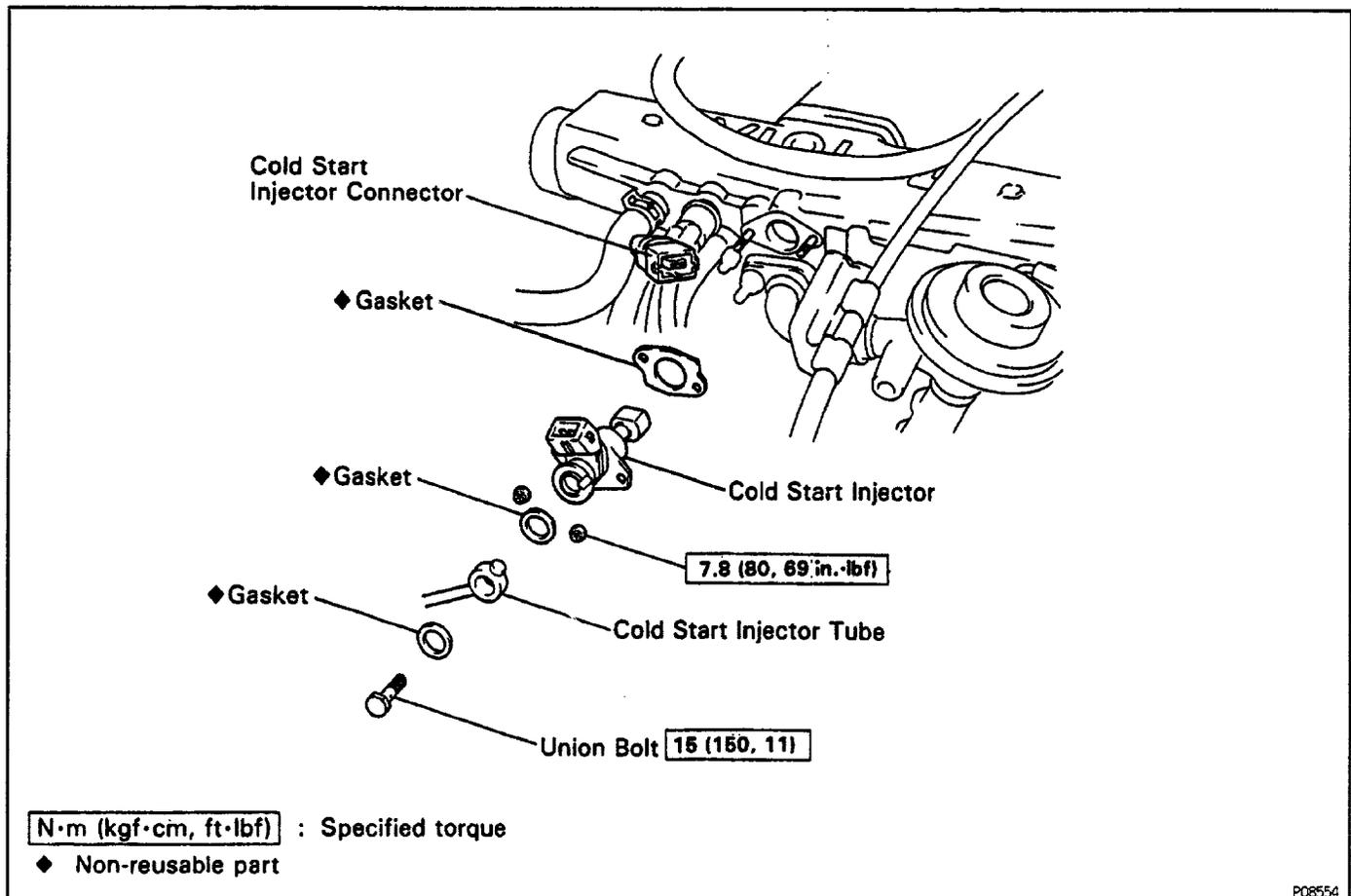
2-4Ω

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

- (c) Connect the cold start injector connector.

EG17H-01

COMPONENTS FOR REMOVAL AND INSTALLATION



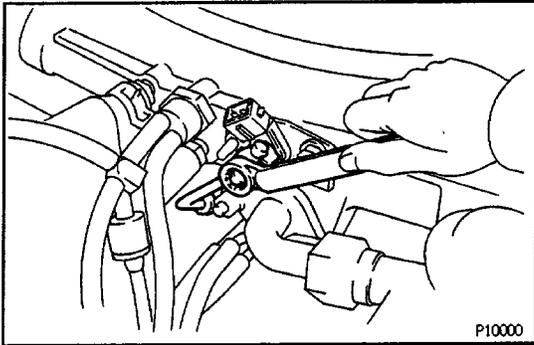
P08554

E017J-02

COLD START INJECTOR REMOVAL

(See Components for Removal and Installation)

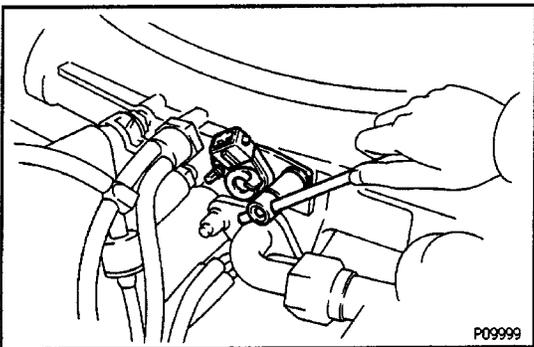
1. DISCONNECT CABLE FROM NEGATIVE TERMINAL OF BATTERY
2. DISCONNECT COLD START INJECTOR CONNECTOR



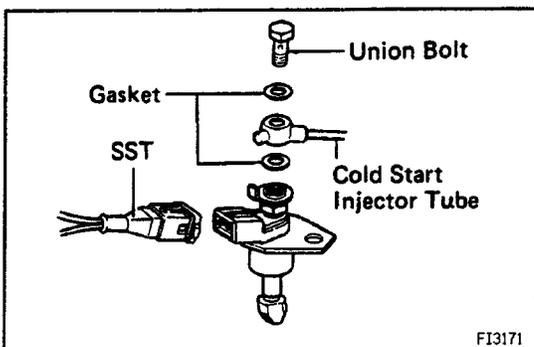
3. REMOVE COLD START INJECTOR

- (a) Put a suitable container or shop towel under the cold start injector 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 nuts and cold start injector with the gasket.



COLD START INJECTOR INSPECTION

E0107-02

1. CHECK INJECTION OF COLD START INJECTOR

- (a) Install cold start injector tube, two new gaskets and union bolt to the injector.

Torque: 15 N-m (150 kgf-cm. 11 ft-lbf)

- (b) Connect the SST (wire) to the injector.

SST 09842-30050

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

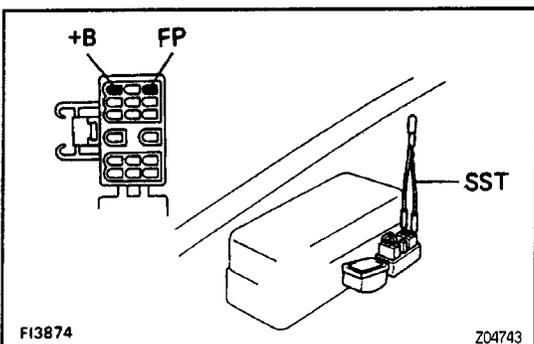
- (c) Put a container under the injector.

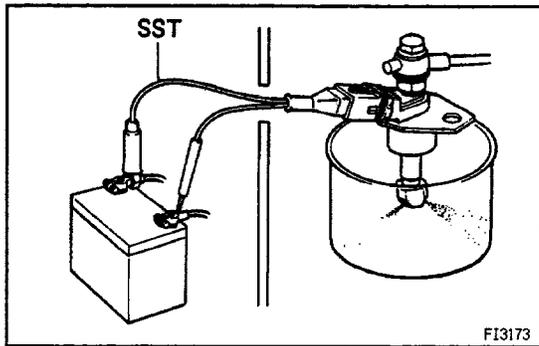
- (d) Turn the ignition switch ON.

HINT: Do not start the engine.

- (e) Using SST, connect terminals FP and +B of the DLC 1.

SST 09843-18020

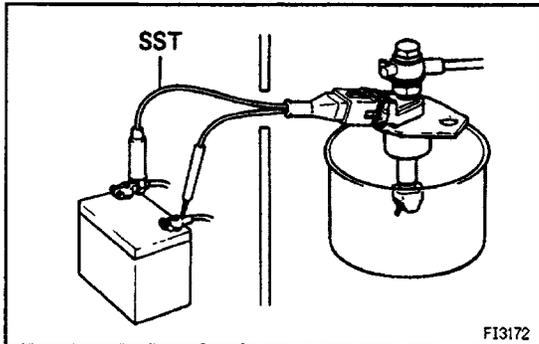




- (f) Connect the test probes of the SST to the battery and check that the fuel injection is as shown.

SST 09842-30050

NOTICE: Perform this check within the shortest possible time.



2. INSPECT LEAKAGE

- (a) Disconnect the test probes of SST from the battery and check fuel leakage from the injector.

SST 09842-30050

Fuel drop:

One drop or less per minute

- (b) After checking, remove SST and restore the following parts to their original positions.

- DLC1
- Ignition switch OFF
- Cold start injector
- Injector connector

COLD START INJECTOR INSTALLATION

(See Components for Removal and Installation)

1. INSTALL COLD START INJECTOR

- (a) Apply sealant to 2 or 3 threads of the bolt end.

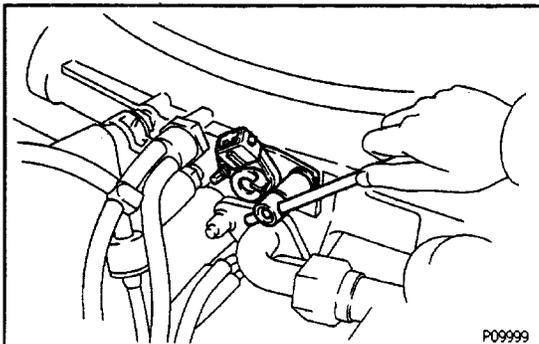
Sealant: Part No. 08833-00070, THREE BOND 1324 or equivalent

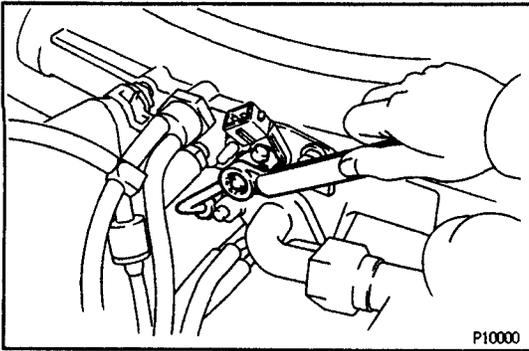
HINT: This adhesive will not harden while exposed to air.

It will act as a sealant or binding agent only when applied to threads, etc., where air is cut off.

- (b) Place a new gasket and install the cold start injector with the two nuts.

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



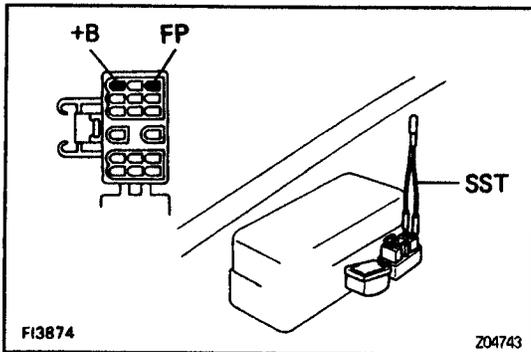


2. INSTALL COLD START INJECTOR TUBE

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

Torque: 15 N-m (150 kgf-cm, 11 ft-lbf)

3. CONNECT COLD START INJECTOR CONNECTOR
4. CONNECT CABLE TO NEGATIVE TERMINAL OF BATTERY



5. CHECK FOR FUEL LEAKAGE

(a) With the ignition switch ON, use SST to connect terminals FP and +B of the DLC1.

SST 09843-18020

(b) Check for fuel leakage.

(c) Remove SST from the DLC1.