ON–VEHICLE INSPECTION

INSPECT RESISTANCE OF COLD START INJECTOR

(a) Remove the throttle body.
   (See steps 1 to 8, 10 and 11 on pages FI–194 and 195)
(b) Disconnect the cold start injector connector.
(c) Using an ohmmeter, measure the resistance between the terminals.

Resistance: 2 – 4Ω

If the resistance is not as specified, replace the cold start injector.
(d) Reconnect the cold start injector connector.
(e) Reinstall the throttle body.
   (See steps 2, 3 and 5 to 12 on pages FI–197 and 198)

REMOVAL OF COLD START INJECTOR

1. REMOVE THROTTLE BODY
   (See steps 1 to 8, 10 and 11 on pages FI–173 and 174)
2. DISCONNECT COLD START INJECTOR CONNECTOR

3. REMOVE COLD START INJECTOR PIPE
   Remove the two union bolts and four gaskets and injector pipe.
   HINT:
   • Put a suitable container or shop towel under the injector pipe.
   • Slowly loosen the union bolt.
4. REMOVE COLD START INJECTOR
Remove the two bolts, cold start injector and gasket.

INSPECTION OF COLD START INJECTOR

1. INSPECT INJECTION OF COLD START INJECTOR
CAUTION: Keep injector clear of sparks during the test.
(a) Install SST (two unions) to the injector and delivery pipe with four new gaskets and the union bolts.
   SST 09268–41045 (09268–41080)
   Torque: 12 N–m (125 kgf–cm, 9 ft–lbf)
(b) Connect SST (hose) to the unions.
   SST 09268–41045
(c) Connect SST (wire) to the injector.
   SST 09842–30050
(d) Put a container under the injector.
   SST , connect terminals +B and FP of the data link connector 1.
   SST 09843–18020
   NOTICE: Do not start the engine.

   (e) Using SST, connect terminals +B and FP of the data link connector 1.
   SST 09843–18020
   (f) Reconnect the battery negative (–) cable.
   (g) Turn the ignition switch ON.
   NOTICE: Do not start the engine.

   (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 for 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: 5.9 N–m (60 kgf–cm, 52 in.–lbf)

2. **INSTALL COLD START INJECTOR PIPE**
   Install the injector pipe with four new gaskets and the two union bolts.
   Torque: 12 N–m (125 kgf–cm, 9 ft–lbf)

3. **CONNECT COLD START INJECTOR CONNECTOR**

4. **INSTALL THROTTLE BODY**
   (See steps 2, 3 and 5 to 12 on pages FI–197 and 198)