ELECTRIC EGR CONTROL VALVE ASSY (1KZ–TE)

1207A–01

REPLACEMENT

1. REMOVE INTERCOOLER ASSY (See page 13–11)

2. DISCONNECT ENGINE WIRE

(a) Disconnect the engine wire from the engine wire bracket.

3. REMOVE VACUUM SWITCHING VALVE

(a) Remove the 2 bolts and vacuum switching valve.

4. REMOVE EGR PIPE SUB–ASSY NO.1

(a) Remove the nut, bolt and gasket.

(b) Remove the stud bolt.

(c) Remove the union nut and EGR pipe.

5. REMOVE ELECTRIC EGR CONTROL VALVE ASSY

(a) Disconnect the 2 connectors.

(b) Remove the 2 nuts, gasket and EGR control valve assy.

(c) Remove the plug.

6. INSTALL ELECTRIC EGR CONTROL VALVE ASSY

(a) Install the plug.

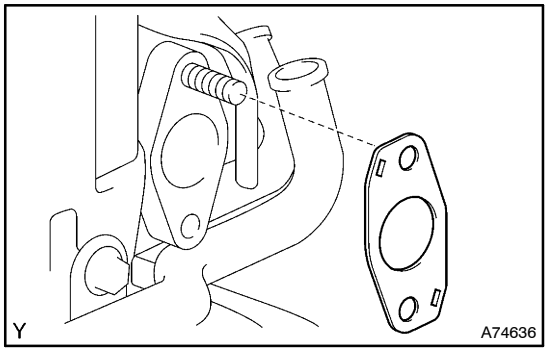
(b) Install a new gasket and EGR control valve assy with the 2 nuts.

Torque: 20 N·m (200 kgf·cm, 14 in.·lbf)

(c) Connect the 2 connectors.

7. INSTALL EGR PIPE SUB–ASSY NO.1

(a) Install the stud bolt.



(b) Place a new gasket as shown in the illustration.

(c) Install the EGR pipe with the nut, bolt and union nut.

Torque:

19 N·m (195 kgf·cm, 14 ft·lbf) Bolt and nut

120 N·m (1,200 kgf·cm, 84 ft·lbf) Union nut

8. INSTALL VACUUM SWITCHING VALVE

(a) Install the vacuum switching valve with the 2 bolts.

9. CONNECT ENGINE WIRE

(a) Connect engine wire to engine wire bracket.

10. INSTALL INTERCOOLER ASSY (See page 13–11)