

ELECTRIC EGR CONTROL VALVE ASSY (1KZ-TE)

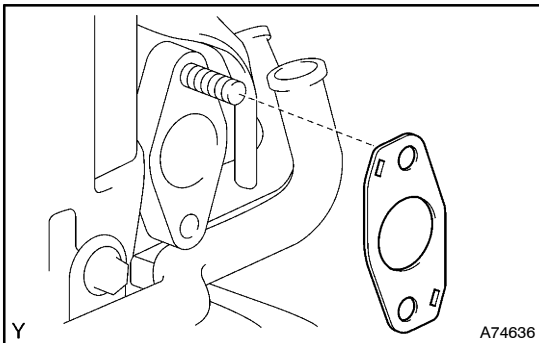
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REPLACEMENT

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)