EGR VALVE ASSY (3RZ–FE)

12079–01

REPLACEMENT

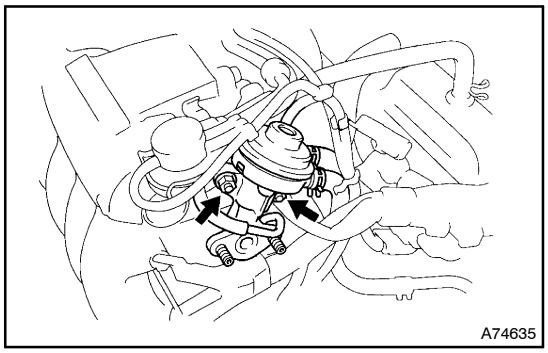
1. **DRAIN ENGINE COOLANT (See page 16–7)**
2. **REMOVE AIR CLEANER ASSY**
3. **REMOVE EGR PIPE SUB–ASSY NO.1**

(a) Disconnect the 2 vacuum hoses and EGR hose.

(b) Remove the bolt, 4 nuts, EGR pipe and 2 gaskets.

4. **REMOVE EGR VALVE ASSY**

(a) Disconnect the 2 water hoses.

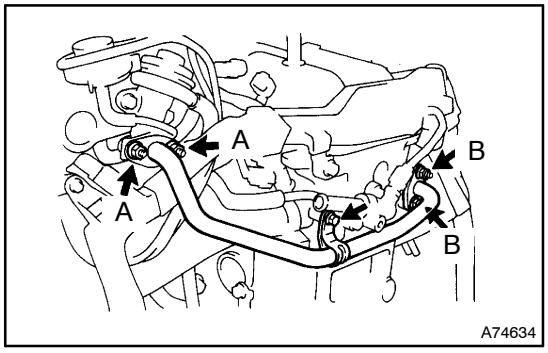


(b) Remove the 2 nuts, EGR valve assy and gasket.

5. **INSTALL EGR VALVE ASSY**

(a) Install a new gasket, EGR valve assy with the 2 nuts.
Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)

(b) Connect the 2 water hoses.



6. **INSTALL EGR PIPE SUB–ASSY NO.1**

(a) Install the 2 new gaskets and EGR pipe with the bolt and 4 nuts.
Torque:
18 N·m (185 kgf·cm, 13 ft·lbf) Bolt
19 N·m (195 kgf·cm, 14 ft·lbf) Nut A
20 N·m (200 kgf·cm, 15 ft·lbf) Nut B

(b) Connect the 2 vacuum hoses and EGR hose.

7. **INSTALL AIR CLEANER ASSY**
8. **ADD ENGINE COOLANT (See page 16–7)**
9. **CHECK FOR ENGINE COOLANT LEAKS (See page 16–7)**