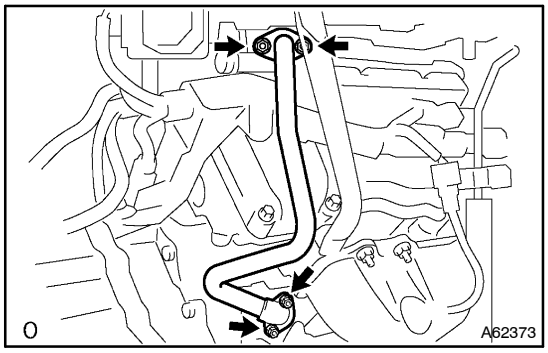
EGR VALVE ASSY (1MZ–FE)

12039–01

REPLACEMENT

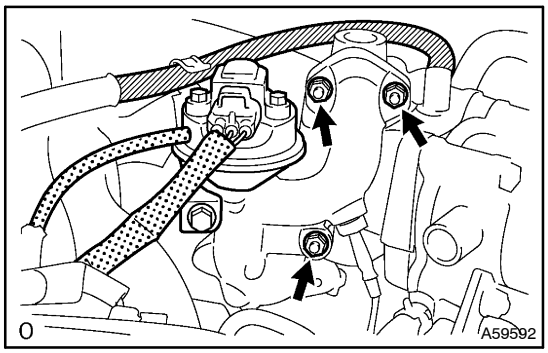


1. REMOVE EGR PIPE SUB–ASSY NO.2

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

2. REMOVE EGR VALVE ASSY

(a) Disconnect the EGR gas temperature sensor connector and clamp.



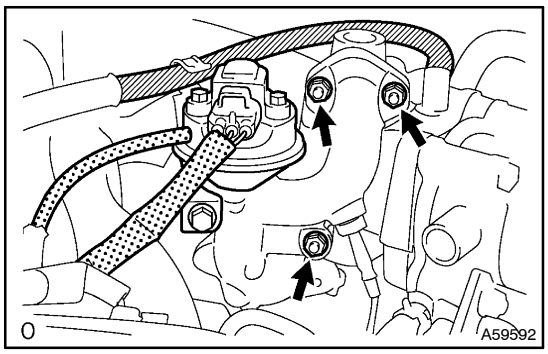
(b) Disconnect the EVAP hose from the EGR valve hook.
(c) Disconnect the vacuum hose from the EGR valve.
(d) Disconnect the EGR valve position sensor connector.
(e) Remove the 3 nuts, EGR valve and gasket.

3. REMOVE E.G.R GAS TEMPERATURE SENSOR

4. REPLACE EGR VALVE ASSY

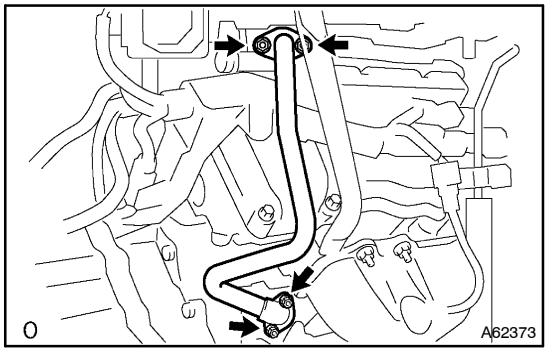
5. INSTALL E.G.R GAS TEMPERATURE SENSOR

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



6. INSTALL EGR VALVE ASSY

(a) Install a new gasket and the EGR valve with the 3 nuts.
Torque: 12 N·m (120 kgf·cm, 9 ft·lbf)
(b) Connect the EGR valve position sensor connector.
(c) Connect the vacuum hose to the EGR valve.
(d) Connect the EVAP hose to the EGR valve hook.
(e) Connect the EGR gas temperature sensor connector and clamp.



7. INSTALL EGR PIPE SUB–ASSY NO.2

(a) Install 2 new gaskets and the EGR pipe with the 4 nuts.
Torque: 12 N·m (120 kgf·cm, 9 ft·lbf)