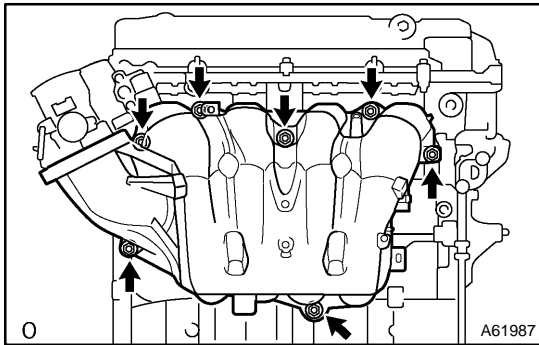


# KNOCK SENSOR (2AZ-FE)

## REPLACEMENT

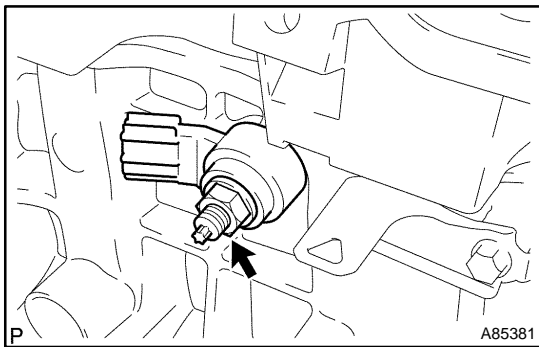
100IP-04

1. DRAIN ENGINE COOLANT (See page 16-6)
2. REMOVE AIR CLEANER CAP WITH AIR CLEANER HOSE
3. REMOVE THROTTLE BODY ASSY (See page 10-6)



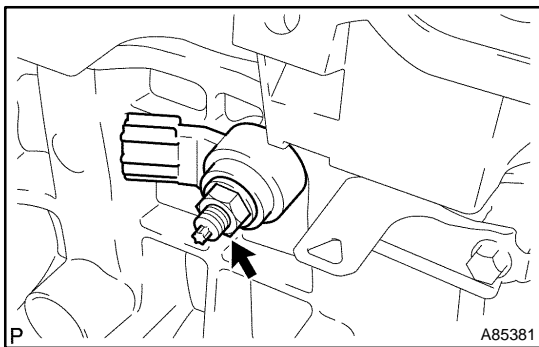
### 4. REMOVE INTAKE MANIFOLD

- (a) Remove the 5 bolts, 2 nuts, intake manifold and gasket.



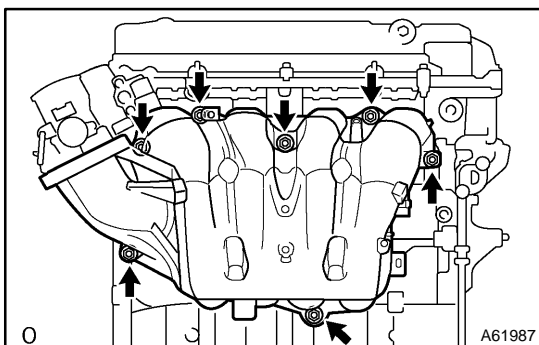
### 5. REMOVE KNOCK SENSOR

- (a) Disconnect the knock sensor connector.
- (b) Remove the nut and knock sensor.



### 6. INSTALL KNOCK SENSOR

- (a) Install the knock sensor with the nut.  
**Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)**
- (b) Connect the knock sensor connector.



### 7. INSTALL INTAKE MANIFOLD

- (a) Install a new gasket and the intake manifold with the 5 bolts and 2 nuts.  
**Torque: 30 N·m (306 kgf·cm, 22 ft·lbf)**

8. INSTALL THROTTLE BODY ASSY (See page [10-6](#))
9. INSTALL AIR CLEANER CAP WITH AIR CLEANER HOSE
10. CHECK CONNECTION OF VACUUM HOSE
11. ADD ENGINE COOLANT (See page [16-6](#))
12. CHECK FOR ENGINE COOLANT LEAKS (See page [16-1](#))