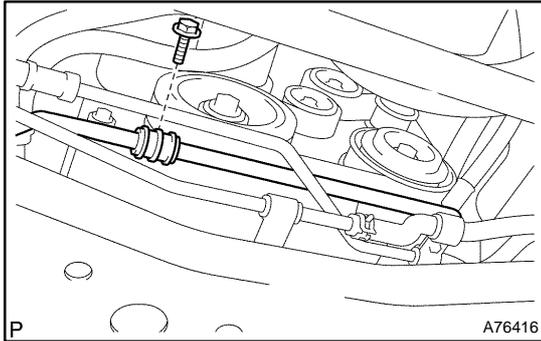


# CRANKSHAFT POSITION SENSOR (1GR-FE)

1806H-01

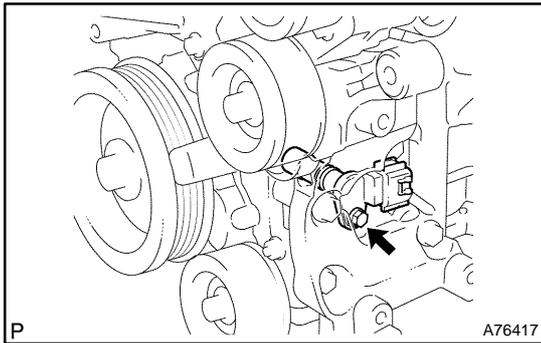
## REPLACEMENT

1. REMOVE GENERATOR ASSY (See page 19-26 )
2. REMOVE ENGINE UNDER COVER ASSY REAR
  - (a) Remove the 4 bolts and engine under cover assy rear.



### 3. SEPARATE COOLER COMPRESSOR ASSY

- (a) Remove the bolt and separate the suction hose sub-assy.
- (b) Disconnect the cooler compressor assy connector.
- (c) Remove the 4 bolts, and separate cooler compressor assy from the V-ribbed belt tensioner assy.



### 4. REMOVE CRANKSHAFT POSITION SENSOR

- (a) Disconnect the crankshaft position sensor connector.
- (b) Remove the bolt and crankshaft position sensor.

### 5. INSTALL CRANKSHAFT POSITION SENSOR

- (a) Apply a light coat of engine oil to an O-ring of the crankshaft position sensor.
- (b) Install the crankshaft position sensor with the bolt.  
**Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)**
- (c) Connect the crankshaft position sensor connector.

### 6. INSTALL COOLER COMPRESSOR ASSY

- (a) Install the cooler compressor assy with the 4 bolts.  
**Torque: 25 N·m (255 kgf·cm, 18 ft·lbf)**
- (b) Connect the cooler compressor assy connector.
- (c) Install the suction hose sub-assy with the bolt.  
**Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)**

### 7. INSTALL ENGINE UNDER COVER ASSY REAR

- (a) Install the engine under cover assy rear with the 4 bolts.  
**Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)**

### 8. INSTALL GENERATOR ASSY (See page 19-26 )