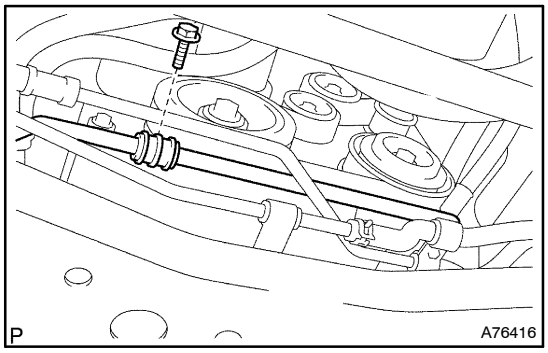
CRANKSHAFT POSITION SENSOR (1GR–FE)

1806P–02

REPLACEMENT

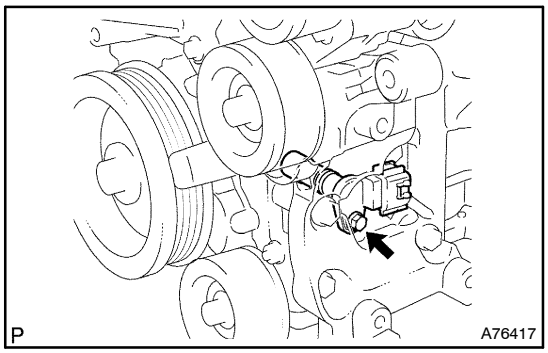
1. **REMOVE GENERATOR ASSY (See page 19–10)**
2. **REMOVE ENGINE UNDER COVER ASSY REAR**

(a) Remove the 4 bolts and the engine under cover assy rear.



3. **SEPARATE COOLER COMPRESSOR ASSY (W/ AIR CONDITIONING)**

(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 the 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 (W/ AIR CONDITIONING)**

(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 19–10)**