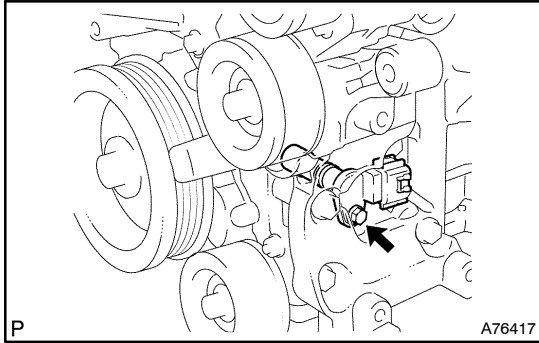


CRANKSHAFT POSITION SENSOR (2GR-FE)

180FU-01

REPLACEMENT

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
2. REMOVE FAN AND GENERATOR V BELT (SEE PAGE 14-21)
3. REMOVE GENERATOR ASSY (SEE PAGE 19-25)
4. DISCONNECT COOLER COMPRESSOR ASSY (SEE PAGE 14-21)



5. REMOVE CRANKSHAFT POSITION SENSOR

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

6. INSTALL CRANKSHAFT POSITION SENSOR

- (a) Apply a light coat of engine oil to the O-ring of the crankshaft position sensor.
- (b) Install the crankshaft position sensor with the bolt.

Torque: 10 N·m (102 kgf·cm, 7 ft·lbf)

- (c) Connect the crankshaft position sensor connector.

7. INSTALL COOLER COMPRESSOR ASSY (SEE PAGE 14-21)
8. INSTALL GENERATOR ASSY (SEE PAGE 19-25)
9. INSTALL FAN AND GENERATOR V BELT (SEE PAGE 14-21)
10. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL
11. PERFORM INITIALIZATION (SEE PAGE 01-19)

Some systems need initialization when disconnecting the cable from the negative battery terminal.