CRANKSHAFT POSITION SENSOR (3RZ–FE)

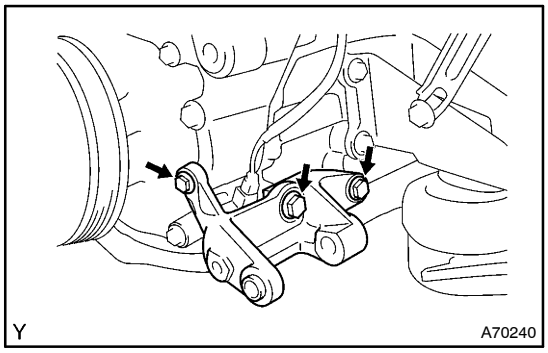
18064–01

REPLACEMENT

1. REMOVE ENGINE UNDER COVER SUB–ASSY NO.1

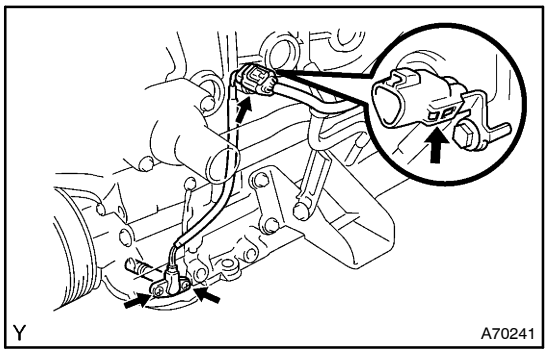
(a) Remove the 4 bolts and engine under cover.

2. REMOVE GENERATOR ASSY (See page 19–8)



3. REMOVE GENERATOR BRACKET NO.1

(a) Remove the 3 bolts and generator bracket.



4. REMOVE CRANKSHAFT POSITION SENSOR

(a) Disconnect the crankshaft position sensor connector.

(b) Remove the crankshaft position sensor connector from the clamp bracket.

(c) Remove the 2 bolts and crankshaft position sensor.

5. INSTALL CRANKSHAFT POSITION SENSOR

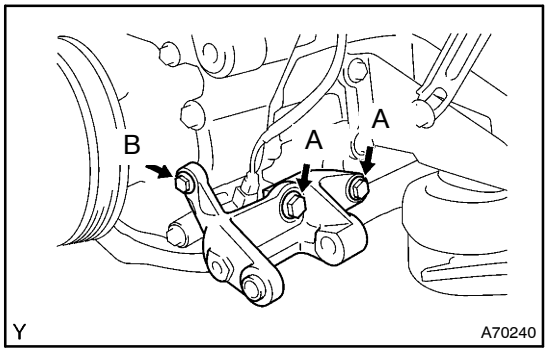
(a) Apply a light coat of engine oil to an O–ring of the crankshaft position sensor.

(b) Install the crankshaft position sensor with the 2 bolts.

Torque: 8.5 N·m (85 kgf·cm, 74 in.·lbf)

(c) Install the crankshaft position sensor connector to the clamp.

(d) Connect the crankshaft position sensor connector.



6. INSTALL GENERATOR BRACKET NO.1

(a) Install and uniformly tighten the generator bracket with 3 bolts, in several posses, in the sequence shown.

Torque:
75 N·m (760 kgf·cm, 55 ft·lbf) for bolt A
18 N·m (185 kgf·cm, 13 ft·lbf) for bolt B

7. INSTALL GENERATOR ASSY (See page 19–8)

8. INSPECT DRIVE BELT (See page 14–1)

9. INSTALL ENGINE UNDER COVER SUB–ASSY NO.1

(a) Install the engine under cover with the 4 bolts.

Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)