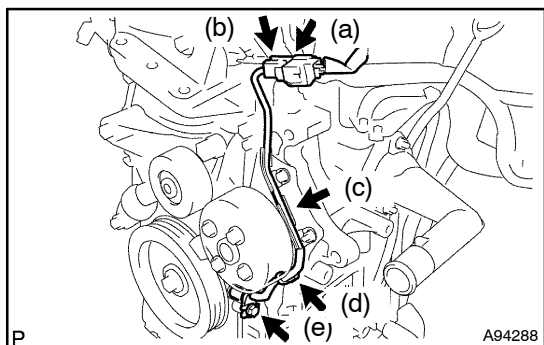


# CRANKSHAFT POSITION SENSOR (1AZ-FE/2AZ-FE)

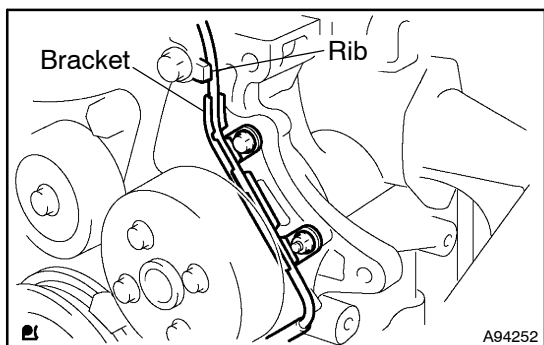
## REPLACEMENT

1. DISCONNECT ENGINE WIRE NO.3 (BATTERY NEGATIVE TERMINAL)
2. REMOVE ENGINE UNDER COVER RH
3. REMOVE FAN AND GENERATOR V-BELT (See page 14-5)  
SST 09249-63010
4. REMOVE GENERATOR ASSY (See page 19-15)



### 5. REMOVE CRANKSHAFT POSITION SENSOR

- (a) Disconnect the crankshaft position sensor connector.
- (b) Remove wire harness from the wire harness clamp bracket.
- (c) Remove the connector clamp.
- (d) Remove the wire harness clamp.
- (e) Remove the bolt and crankshaft position sensor.



### 6. INSTALL CRANKSHAFT POSITION SENSOR

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

**Torque: 9.0 N·m (92 kgf·cm, 80 in.·lb)**

#### NOTICE:

Confirm that the wire harness of the crankshaft position sensor is placed as shown in the illustration.

7. INSTALL GENERATOR ASSY (See page 19-15)
8. INSTALL FAN AND GENERATOR V-BELT (See page 14-5)  
SST 09249-63010
9. INSTALL ENGINE UNDER COVER RH
10. INSTALL ENGINE WIRE NO.3 (BATTERY NEGATIVE TERMINAL) (See page 12-8)
11. CHECK FOR ENGINE OIL LEAKS