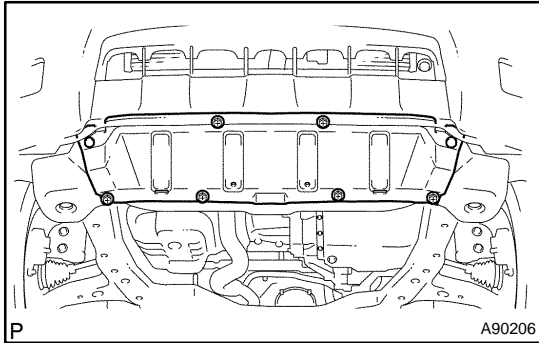


# CRANKSHAFT POSITION SENSOR (3MZ-FE)

## REPLACEMENT

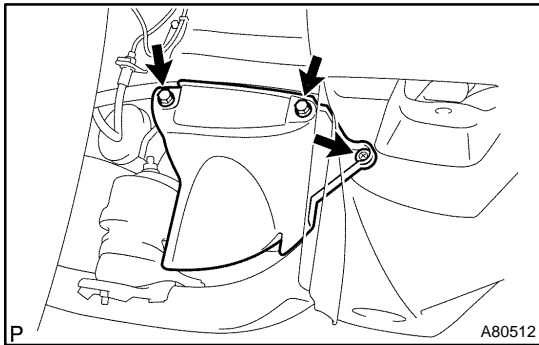
### HINT:

A bolt without a torque specification is shown in the standard bolt chart (see page 03-2).



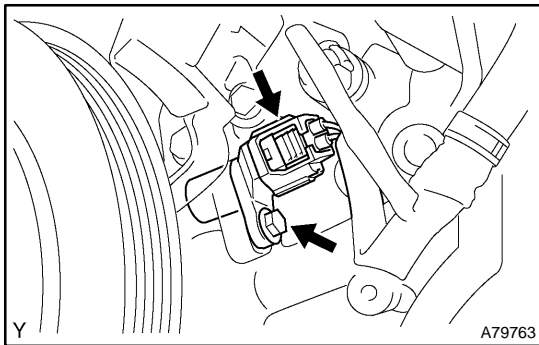
### 1. REMOVE ENGINE UNDER COVER NO.1

- (a) Remove the 6 screws, 2 clips and under cover.



### 2. REMOVE FRONT FENDER APRON SEAL RH

- (a) Remove the clip, 2 bolts and apron seal.



### 3. REMOVE CRANKSHAFT POSITION SENSOR

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

### 4. INSTALL CRANKSHAFT POSITION SENSOR

- (a) Install the sensor with the bolt.  
**Torque: 8.0 N·m (82 kgf·cm, 71 in.-lbf)**  
(b) Connect the sensor connector.

### 5. INSTALL FRONT FENDER APRON SEAL RH

- (a) Install the clip, 2 bolts and apron seal.

### 6. INSTALL ENGINE UNDER COVER NO.1

- (a) Install the 6 screws, 2 clips and under cover.