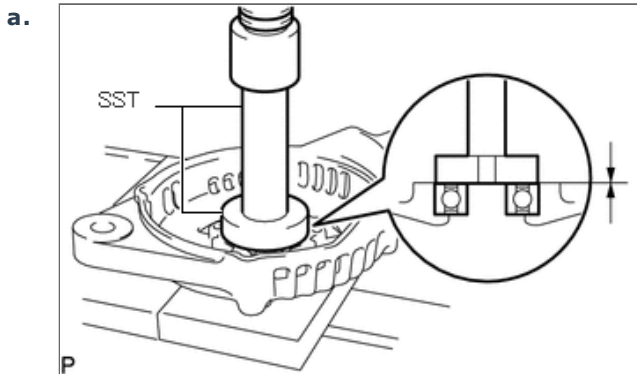


## PROCEDURE

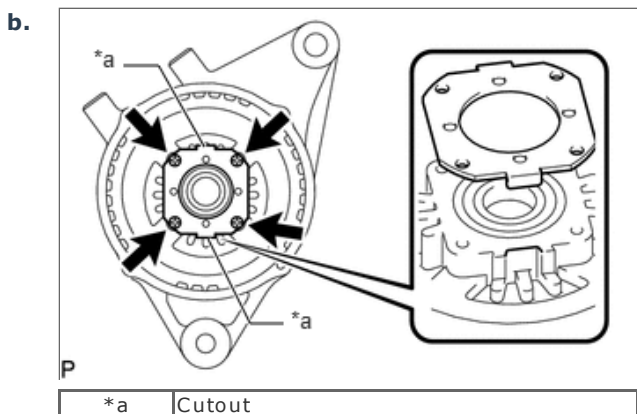
### 1.INSTALL DRIVE END FRAME BEARING



Using SST and a press, press in a new generator drive end frame bearing.

**SST**

**09950-60010 09950-70010 (09951-00470, 09951-07100)**



Fit the tabs on the retainer plate into the cutouts on the generator drive end frame assembly to install the retainer plate.

- c. Install the retainer plate with the 4 screws.

**Torque:**

**2.3 N\*m (23 kgf\*cm, 20 in.\*lbf)**

### 2.INSTALL GENERATOR ROTOR ASSEMBLY

**27330**

- Place the generator drive end frame assembly on the generator pulley.
- Install the generator rotor assembly to the generator drive end frame assembly.

### 3.INSTALL GENERATOR BEARING COVER PACKING

**27444**

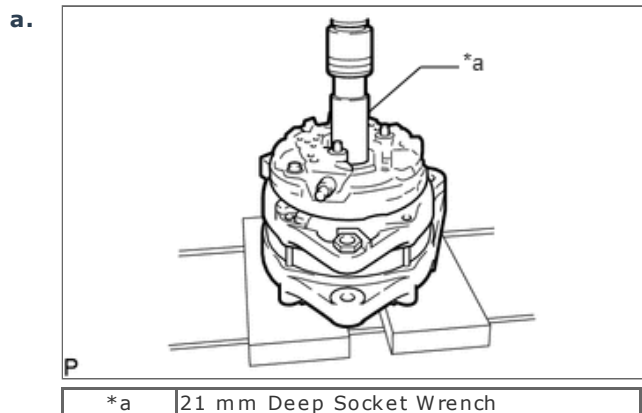
#### NOTICE:

A new generator coil assembly comes with a generator bearing cover packing. Therefore, it is not necessary to install a new generator bearing cover packing when installing a new generator coil assembly.

- Install a new generator bearing cover packing to the generator coil assembly.

**NOTICE:**

Align the protrusion of the generator bearing cover packing with the groove of the generator coil assembly when installing.

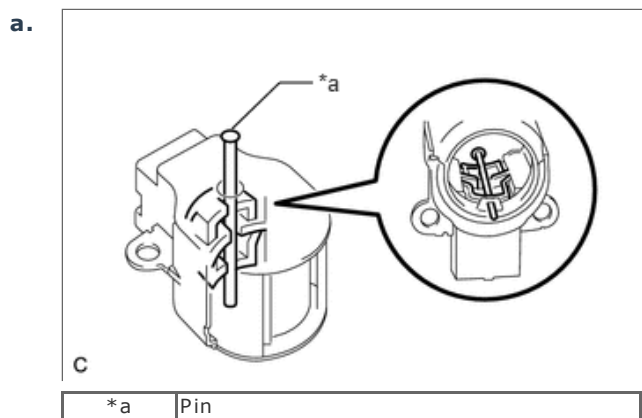
**4.INSTALL GENERATOR COIL ASSEMBLY**

Using a 21 mm deep socket wrench and press, slowly press in the generator coil assembly.

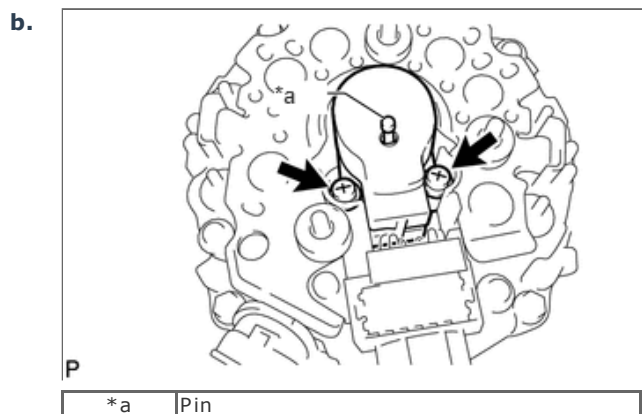
- b. Install the generator coil assembly with the 4 bolts.

**Torque:**

**5.9 N\*m (60 kgf\*cm, 52 in.\*lbf)**

**5.INSTALL GENERATOR BRUSH HOLDER ASSEMBLY****27370**

While pushing the 2 brushes into the generator brush holder assembly, insert a pin with a diameter of 1.0 mm (0.0394 in.) into the brush holder hole.



Install the generator brush holder assembly with the 2 screws.

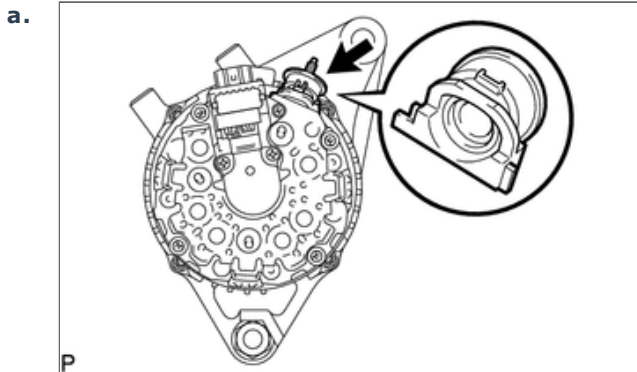
**Torque:**

**1.8 N\*m (18 kgf\*cm, 16 in.\*lbf)**

- c. Pull out the pin from the generator brush holder assembly.

**6.INSTALL TERMINAL INSULATOR**

27387



Install the terminal insulator to the generator coil assembly.

**NOTICE:**

Make sure the terminal insulator is installed facing the proper direction.

**7.INSTALL GENERATOR REAR END COVER**

27039

- a. Install the generator rear end cover to the generator coil assembly with the 3 bolts.

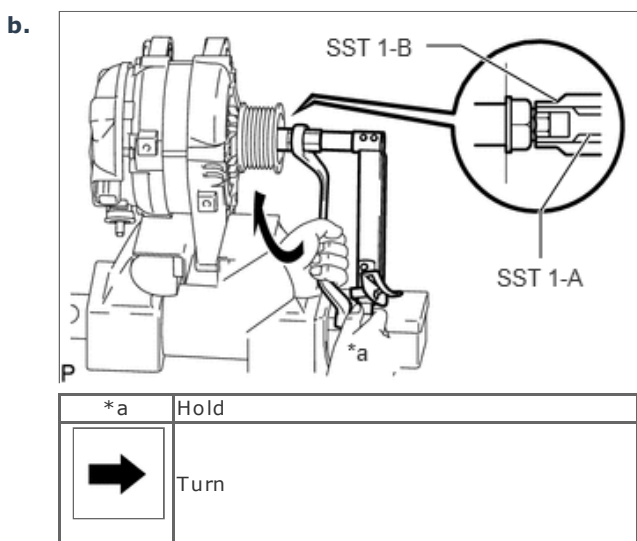
**Torque:**

**4.6 N\*m (47 kgf\*cm, 41 in.\*lbf)**

**8.INSTALL GENERATOR PULLEY**

27411

- a. Temporarily install the generator pulley by hand.



Mount the generator assembly in a vise between aluminum plates.

- c. Install SST 1-A to the generator pulley shaft.

**SST**

**09820-63011 (09820-06010, 09820-06021)**

**HINT:**

SST 1-A and B	09820-06010
SST 2	09820-06021

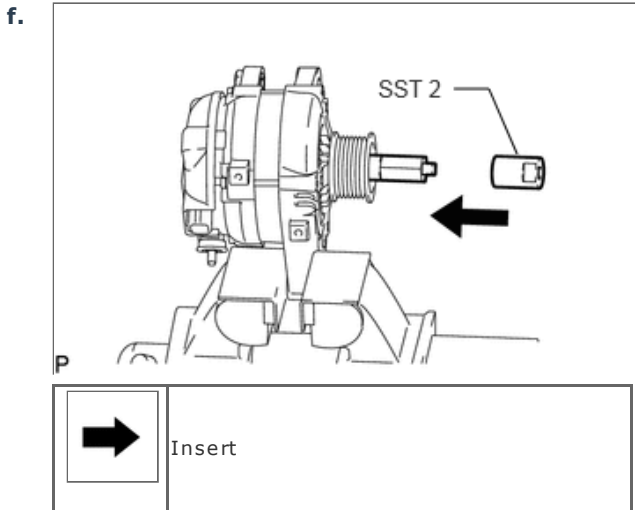
- d. Install SST 1-B to SST 1-A.
- e. Hold SST 1-A with a torque wrench and turn SST 1-B clockwise with the specified torque.

**Torque:**

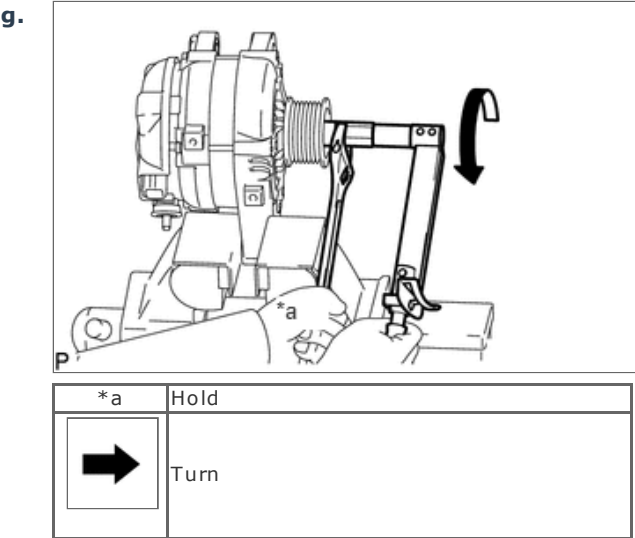
**39 N\*m (400 kgf\*cm, 29 ft.\*lbf)**

**NOTICE:**

Make sure that SST is secured to the generator rotor shaft.



Insert SST 2 and attach it to the generator pulley nut.



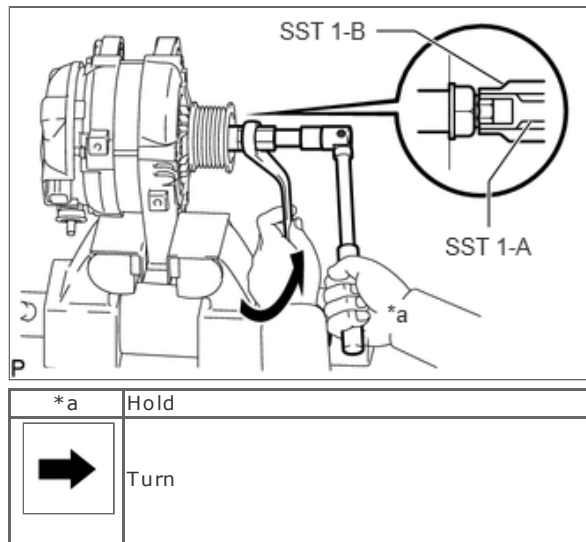
Tighten the generator pulley nut by turning SST 1-A in the direction shown in the illustration.

**Torque:**

**133 N\*m (1351 kgf\*cm, 98 ft.\*lbf)**

- h. Remove SST 2 from the generator assembly.

i.



Turn SST 1-B in the direction shown in the illustration and remove SST 1-A and B.

j. Turn the generator pulley and check that the generator pulley moves smoothly.