

GENERATOR > REASSEMBLY

for Preparation [Click here](#)

1. INSTALL GENERATOR DRIVE END FRAME BEARING

- a. Using SST and a press, press in a new bearing.

SST

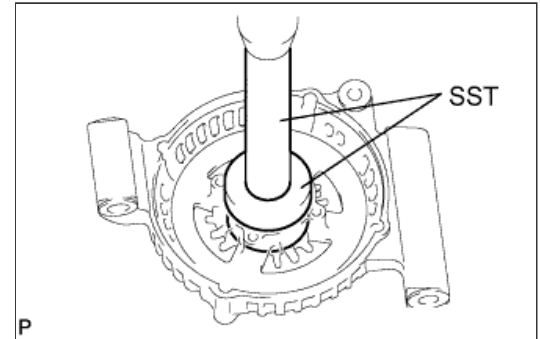
09950-60010 (09951-00500)

09950-70010 (09951-07100)

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

Torque:

2.3 N*m { 23 kgf*cm , 20 in.*lbf }



2. INSTALL GENERATOR ROTOR ASSEMBLY

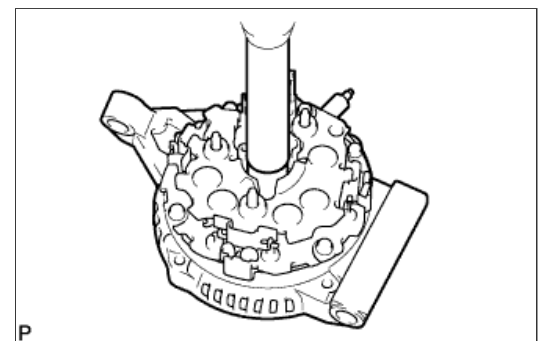
- a. Install the generator rotor to the drive end frame.
b. Place the generator washer on the rotor.

3. INSTALL GENERATOR COIL ASSEMBLY

- a. Using a 22 mm socket wrench and press, slowly press in the coil assembly.
b. Install the 4 bolts.

Torque:

5.9 N*m { 60 kgf*cm , 52 in.*lbf }



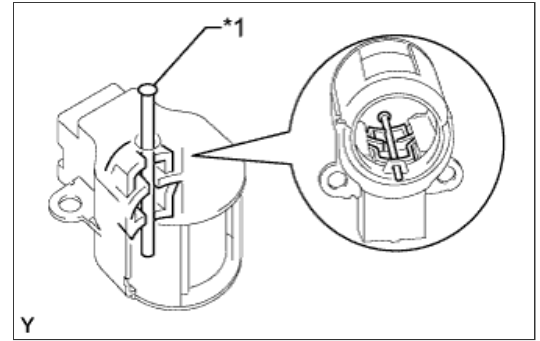
4. INSTALL GENERATOR BRUSH HOLDER ASSEMBLY

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

Text in Illustration



*1 Pin



- b. Install the generator brush holder with the 2 screws.

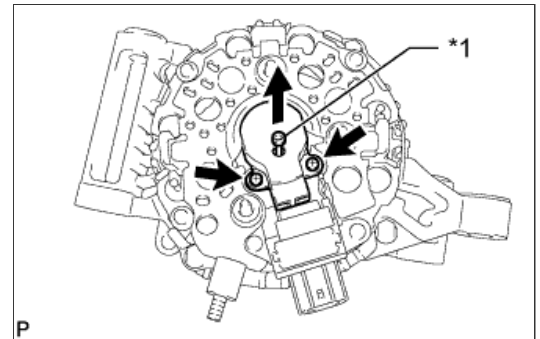
Torque:

1.8 N*m { 18 kgf*cm , 16 in.*lbf }

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

Text in Illustration

*1 Pin

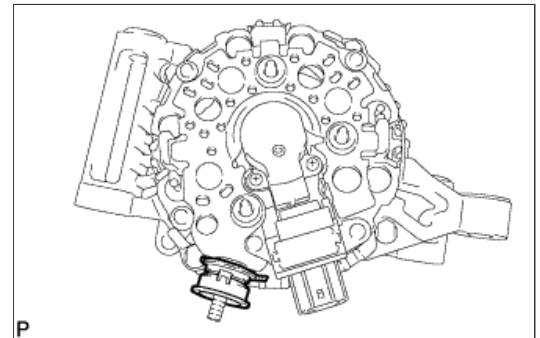


5. INSTALL TERMINAL INSULATOR

- a. Install the terminal insulator to the generator coil.

NOTICE:

Pay attention to the mounting orientation of the terminal insulator.

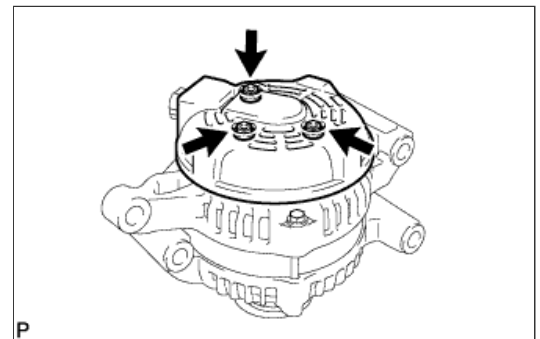


6. INSTALL GENERATOR REAR END COVER

- a. Install the generator rear end cover with the 3 nuts.

Torque:

4.6 N*m { 46 kgf*cm , 40 in.*lbf }



7. INSTALL GENERATOR PULLEY

- a. Temporarily install the generator pulley by hand.
- b. Mount the generator in a vise between aluminum plates.
- c. Install SST 1-A to the 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:

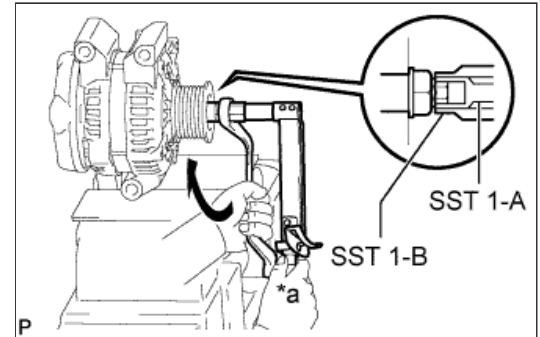
39 N*m{ 398 kgf*cm , 29 ft.*lbf }

Text in Illustration

*a	Hold
	Turn


NOTICE:

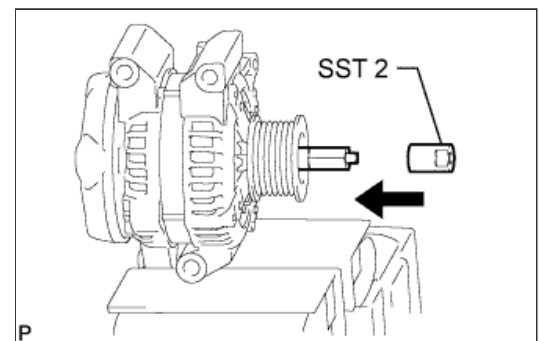
Check that SST is secured to the rotor shaft.



- f. Insert SST 2 and attach it to the pulley nut.

Text in Illustration

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

Torque:

133 N*m{ 1351 kgf*cm , 98 ft.*lbf }

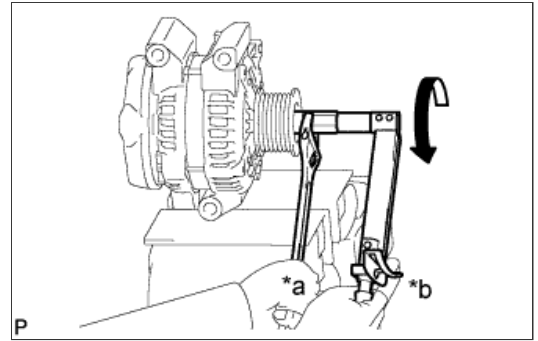
Text in Illustration

*a	Hold
*b	Turn

HINT:


Hold the adjustable wrench against the vise and tighten the nut securely.

h. Remove the generator from SST 2.



i. Turn SST 1-B, and then remove SST 1-A and B.

Text in Illustration

*a	Hold
	Turn

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

