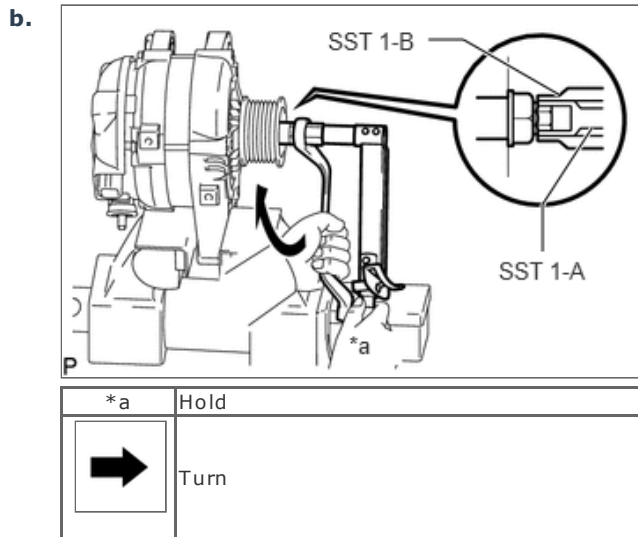


## PROCEDURE

### 1.REMOVE GENERATOR PULLEY

27411

- a. Mount the generator assembly in a vise between aluminum plates.



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

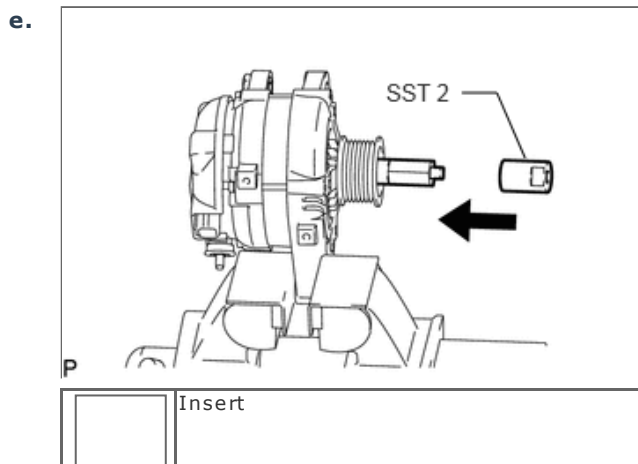
- c. Install SST 1-B to SST 1-A.
- d. Hold SST 1-A with a torque wrench and turn SST 1-B clockwise with the specified torque.

**Torque:**

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

**NOTICE:**

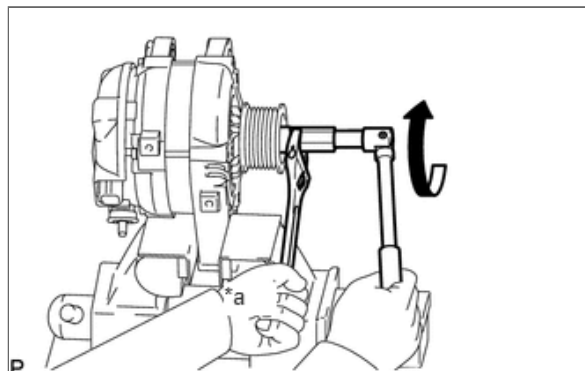
Make sure that SST is secured to the generator rotor shaft.






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

f.



*a	Hold
	Turn

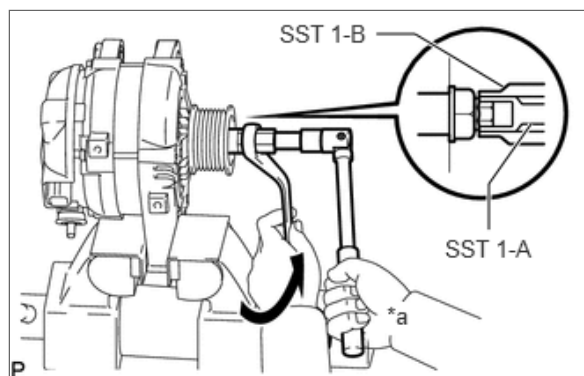
To loosen the generator pulley nut, turn SST 1-A in the direction shown in the illustration.


**NOTICE:**

To prevent damage to the rotor shaft, do not loosen the generator pulley nut more than one-half of a turn.

g. Remove SST 2 from the generator assembly.

h.

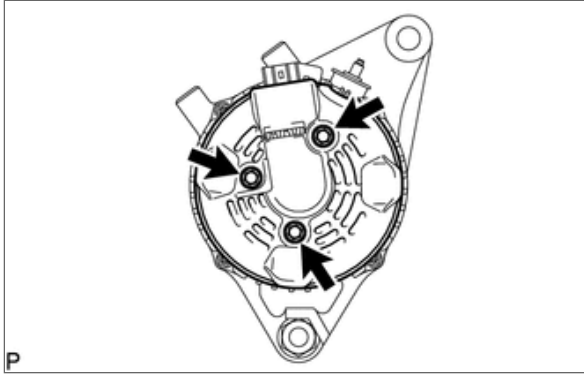


*a	Hold
	Turn

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

i. Remove the pulley nut and generator pulley.

a.



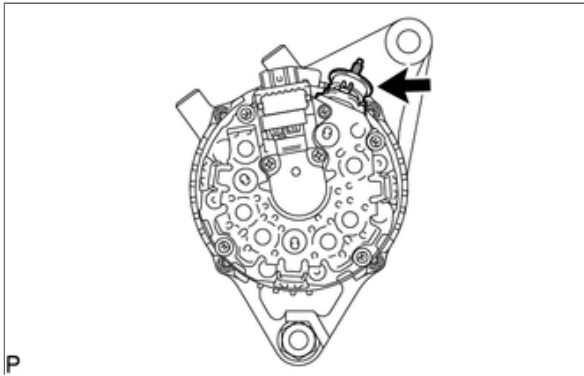
Remove the 3 bolts and generator rear end cover.



### 3.REMOVE TERMINAL INSULATOR

27387

a.



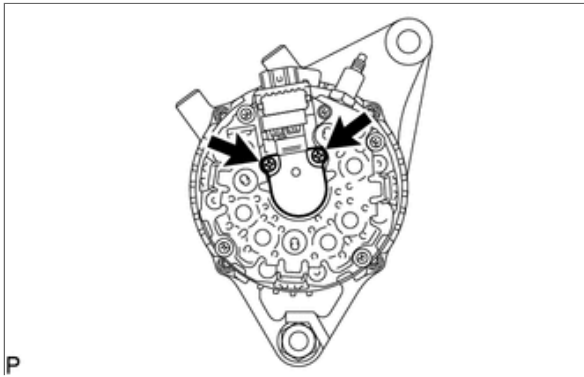
Remove the terminal insulator from the generator coil assembly.



### 4.REMOVE GENERATOR BRUSH HOLDER ASSEMBLY

27370

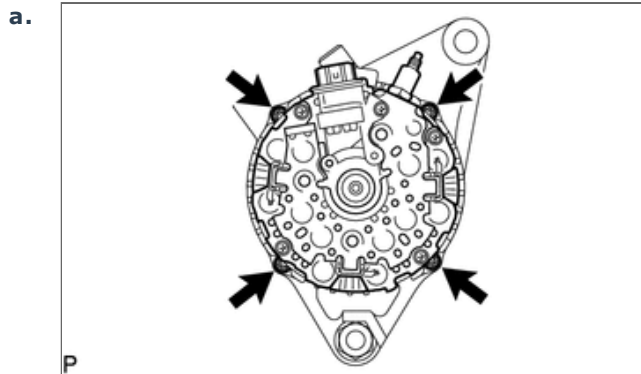
a.



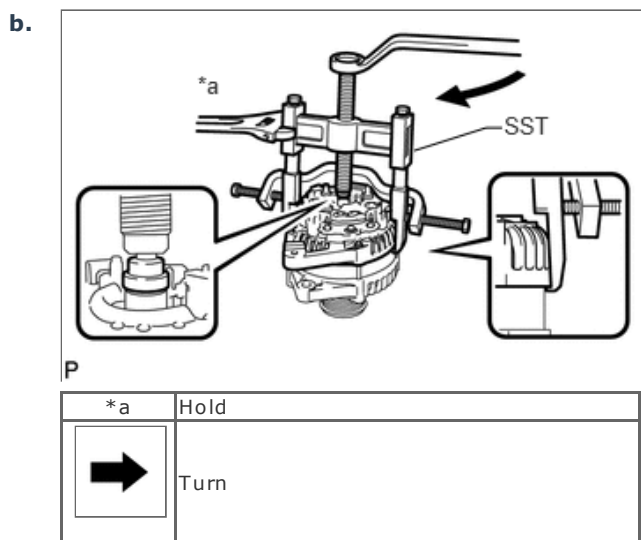
Remove the 2 screws and generator brush holder assembly from the generator coil assembly.



### 5.REMOVE GENERATOR COIL ASSEMBLY



Remove the 4 bolts.



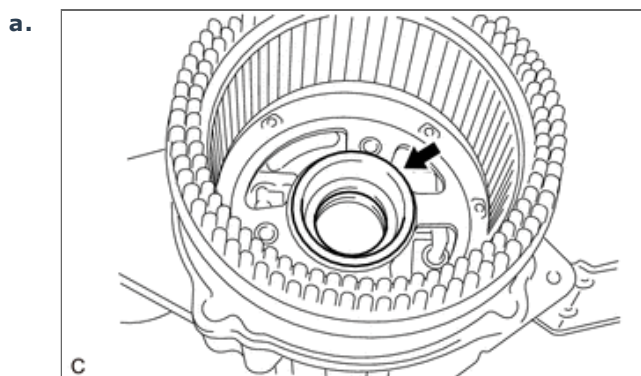
Using SST, remove the generator coil assembly.

**SST**

**09950-40011 (09951-04020, 09952-04010, 09953-04020, 09954-04010, 09955-04071, 09957-04010, 09958-04011)**

## 6.REMOVE GENERATOR BEARING COVER PACKING

27444



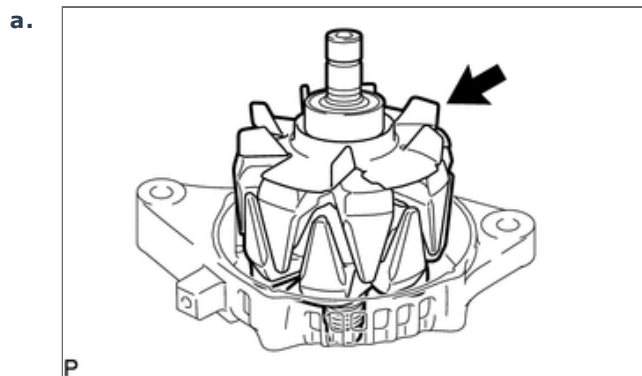
Remove the generator bearing cover packing.

**NOTICE:**

If the generator bearing cover packing breaks, remove all broken pieces.

**HINT:**

The generator bearing cover packing may be installed on the generator rotor assembly.

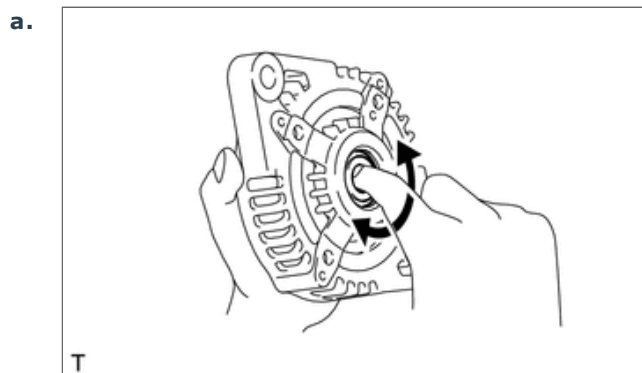


Remove the generator rotor assembly.

**NOTICE:**

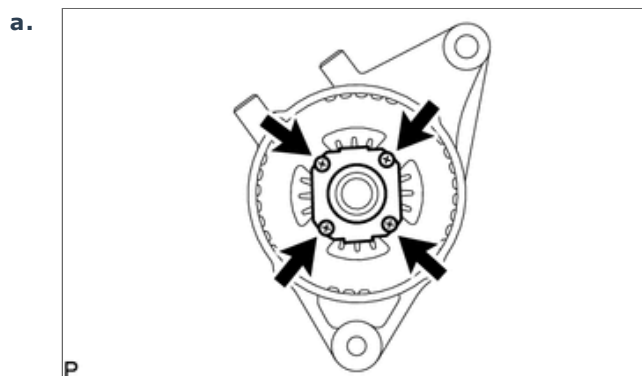
Do not drop the generator rotor assembly.

8.INSPECT GENERATOR DRIVE END FRAME BEARING



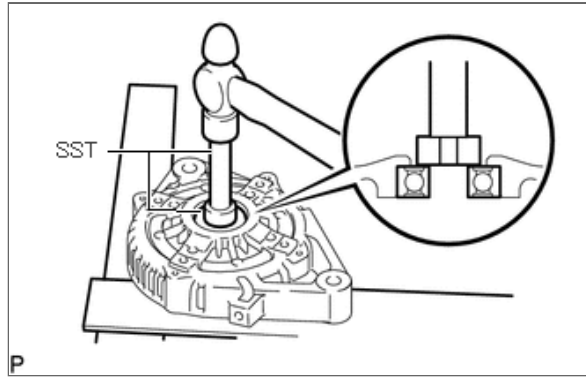
Check that the generator drive end frame bearing is not rough or worn, and that it rotates smoothly.

9.REMOVE GENERATOR DRIVE END FRAME BEARING



Remove the 4 screws and retainer plate from generator drive end frame assembly.

b.



Using SST and a hammer, tap out the generator drive end frame bearing from the generator drive end frame assembly.

**SST**

**09950-60010 09950-70010 (09951-00250, 09951-07100)**