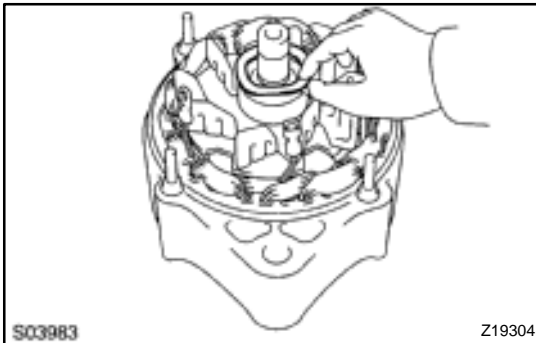


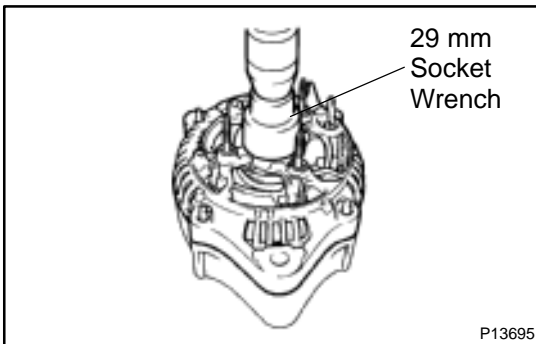
REASSEMBLY

1. PLACE RECTIFIER END FRAME ON PULLEY
2. INSTALL ROTOR TO DRIVE END FRAME



3. INSTALL RECTIFIER END FRAME

- (a) Place the generator washer on the rotor.



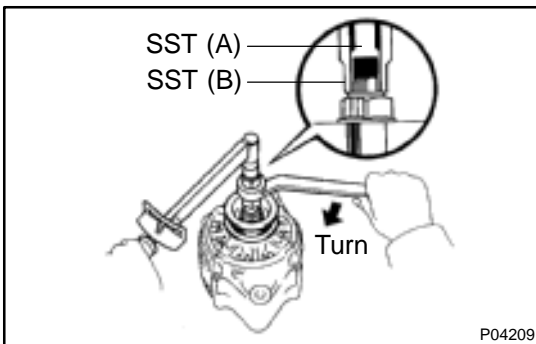
- (b) Using a 29 mm socket wrench and press, slowly press in the rectifier end frame.

- (c) Type A and Type C:
Install the 4 nuts.

Torque: 4.5 N·m (46 kgf·cm, 40 in.-lbf)

- (d) Type B:
Install the 2 nuts and 2 bolts.

Torque: 4.5 N·m (46 kgf·cm, 40 in.-lbf)



4. INSTALL PULLEY

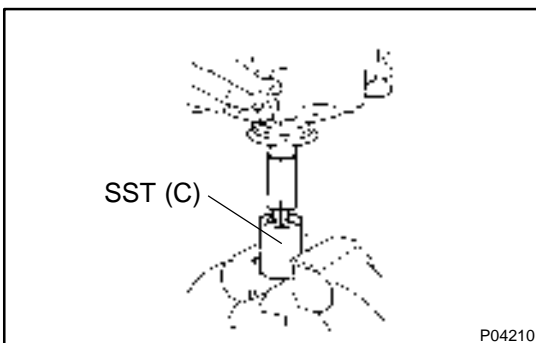
- (a) Install the pulley to the rotor shaft by tightening the pulley nut by hand.

- (b) Hold SST (A) with a torque wrench, and tighten SST (B) clockwise to the specified torque.

SST 09820-63010

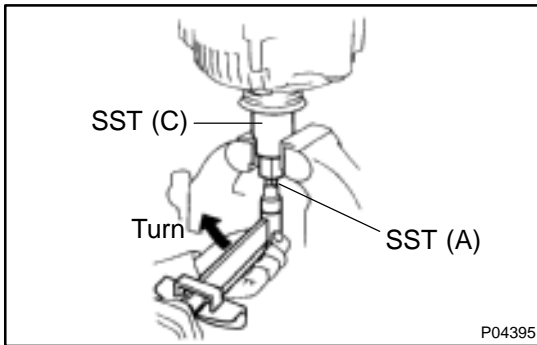
Torque: 39 N·m (400 kgf·cm, 29 ft-lbf)

- (c) Check that SST (A) is secured to the pulley shaft.



- (d) Mount SST (C) in a vise.

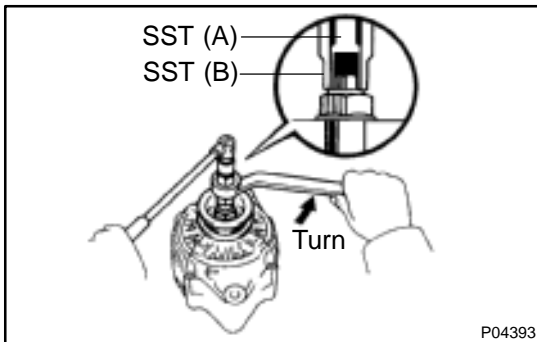
- (e) Insert SST (B) into SST (C), and attach the pulley nut to SST (C).



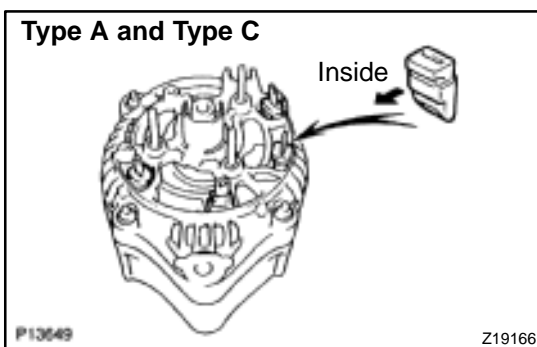
- (f) To torque the pulley nut, turn SST (A) in the direction shown in the illustration.

Torque: 110.5 N·m (1,125 kgf·cm, 81 ft·lbf)

- (g) Remove the generator from SST (C).



- (h) Turn SST (B), and remove SST (A and B).

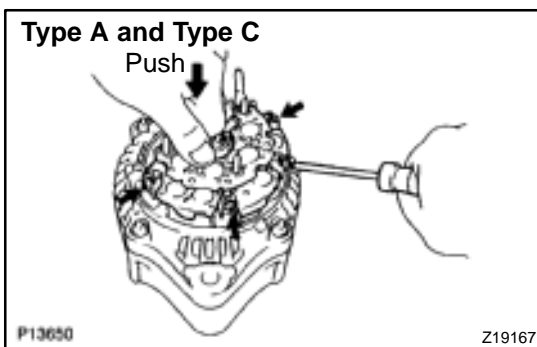


5. Type A and Type C: INSTALL RECTIFIER HOLDER

- (a) Install the 4 rubber insulators on the lead wires.

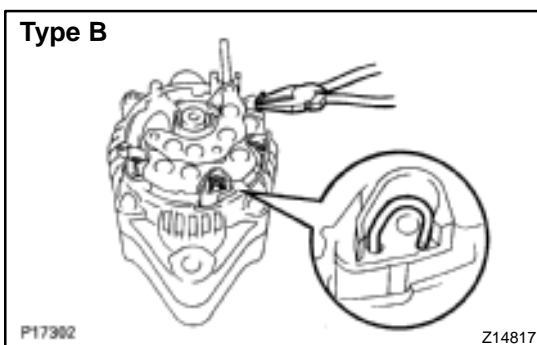
NOTICE:

Be careful of the rubber insulators installation direction.



- (b) Install the rectifier holder while pushing it with the 4 screws.

Torque: 1.96 N·m (20 kgf·cm, 17 in.-lbf)



6. Type B: INSTALL RECTIFIER HOLDER

- (a) Install the rectifier holder.

- (b) Bend the 4 stator lead wires as shown in the illustration.

Type B



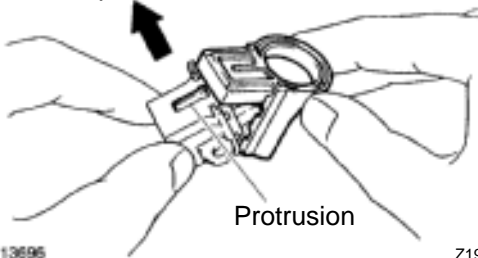
P17205

Z14818

- (c) Install the 4 screws.
Torque: 1.96 N·m (20 kgf·cm, 17 in.-lbf)

Type A and Type B

Upward



P13695

Z19168

7. Type A and Type B: INSTALL VOLTAGE REGULATOR AND BRUSH HOLDER

- (a) Install the brush holder cover to the brush holder.

NOTICE:

Be careful of the holder installation direction.

Type A and Type B

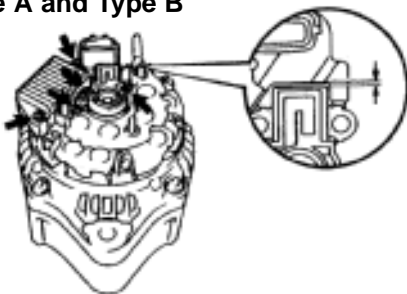


P13697

Z19169

- (b) Place the voltage regulator together with the brush holder horizontally on the rectifier end frame.

Type A and Type B



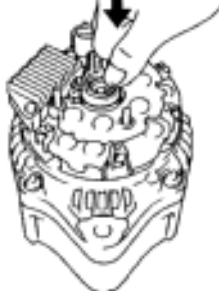
P13651

Z19170

- (c) Install the 5 screws until there is a clearance of approx. 1.1 mm (0.04 in.) between the brush holder and voltage regulator.

Type A and Type B

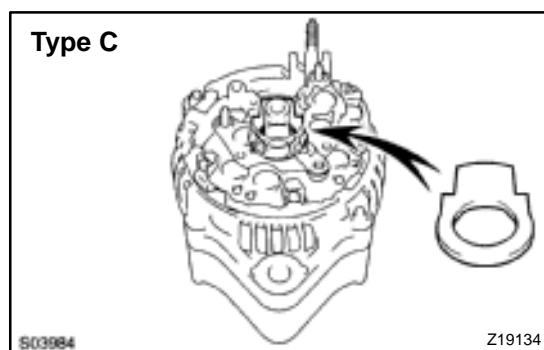
Push



P13652

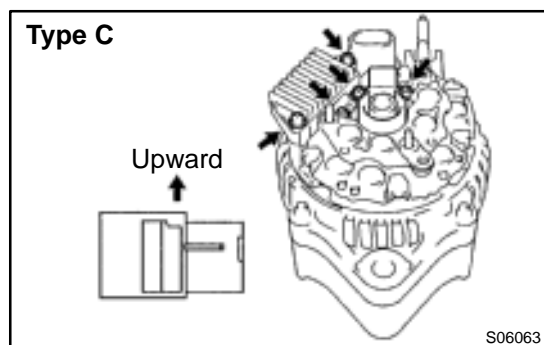
Z19171

- (d) Fit the brush holder cover.



**8. Type C:
INSTALL VOLTAGE REGULATOR AND BRUSH
HOLDER**

- (a) Place the seal plate on the rectifier end frame.

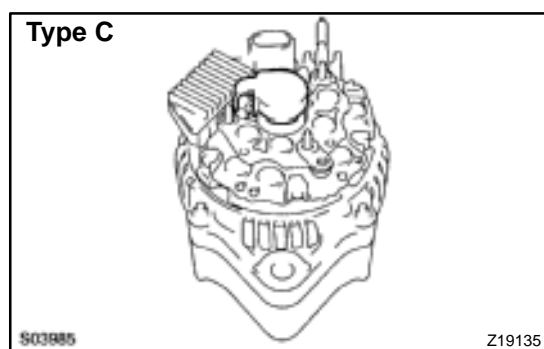


- (b) Place the voltage regulator and brush holder on the rectifier end frame.

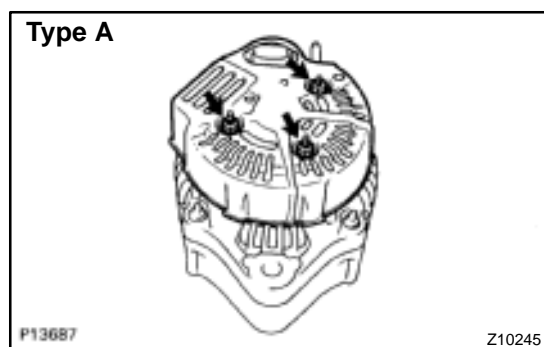
NOTICE:
Be careful of the brush holder installation direction.

- (c) Install the 5 screws.

Torque: 2.0 N·m (20 kgf·cm, 17in.-lbf)



- (d) Place the brush holder cover on the brush holder.

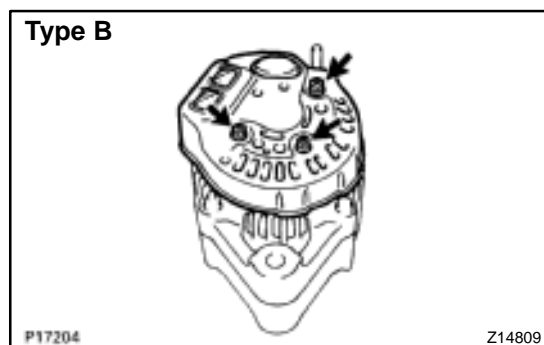


9. INSTALL REAR END COVER

- (a) Type A:

Install the end cover with the 3 nuts.

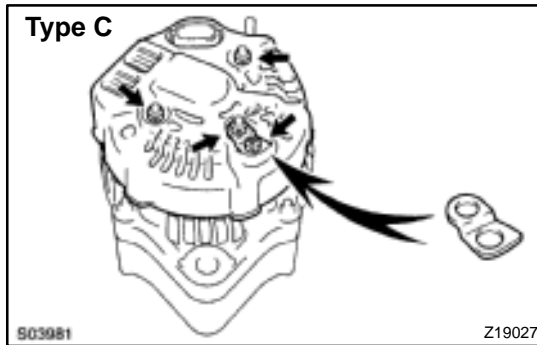
Torque: 4.4 N·m (45 kgf·cm, 40 in.-lbf)



- (b) Type B:

Install the end cover with the 3 bolts.

Torque: 2.6 N·m (27 kgf·cm, 23 in.-lbf)



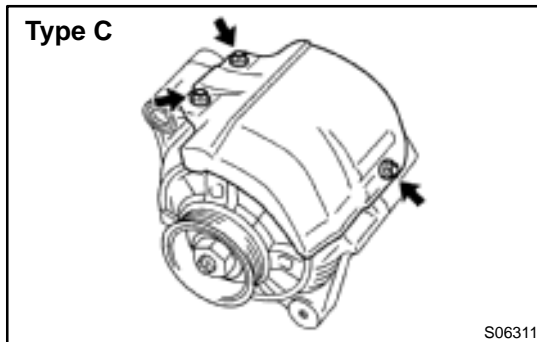
- (c) Type C:
Install the end cover and plate terminal with the bolt and 3 nuts.

Torque:

nut: 4.5 N·m (46 kgf·cm, 41 in.-lbf)

bolt: 3.8 N·m (39 kgf·cm, 34 in.-lbf)

- (d) Install the terminal insulator with the nut.
Torque: 4.1 N·m (42 kgf·cm, 36 in.-lbf)



- (e) Type C:
Install the end cover with the 3 bolts.

Torque: 5.4 N·m (55 kgf·cm, 47 in.-lbf)

10. CHECK THAT ROTOR ROTATES SMOOTHLY