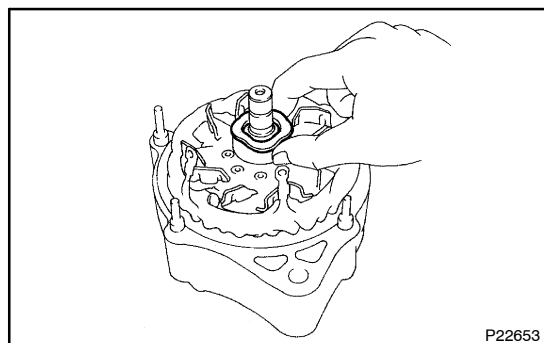


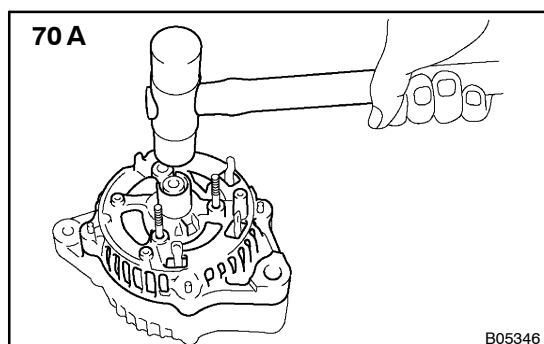
REASSEMBLY

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

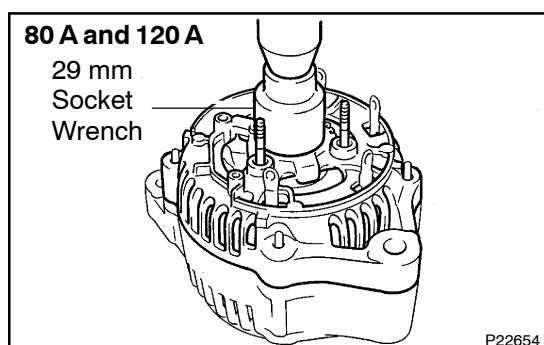


3. INSTALL RECTIFIER END FRAME

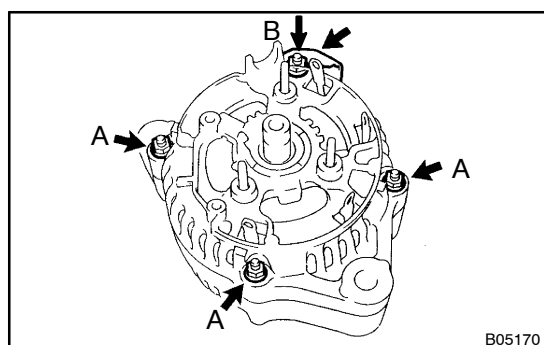
- (a) Place the alternator washer on the rotor.



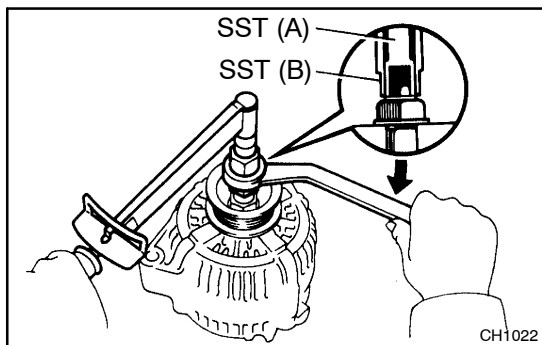
- (b) 70 A:
Using a plastic hammer, lightly tap in the end frame.



- (c) 80 A and 120 A:
Using a 29 mm socket wrench and press, slowly press in the rectifier end frame.



- (d) Install the cord clip and 4 nuts.
Torque:
70 A:
A, B: 4.5 N·m (46 kgf·cm, 40 in.·lbf)
80 A and 120 A:
A: 4.5 N·m (46 kgf·cm, 40 in.·lbf)
B: 5.4 N·m (55 kgf·cm, 48 in.·lbf)



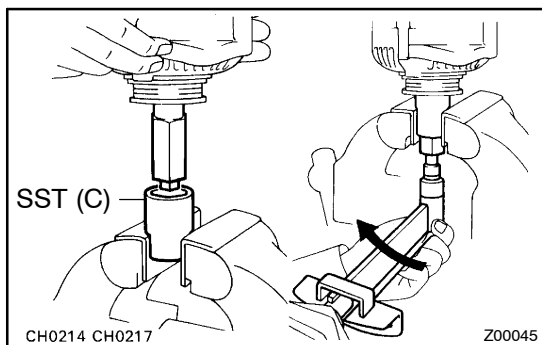
4. INSTALL PULLEY

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

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

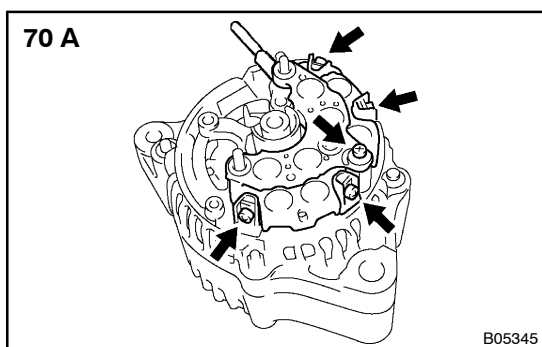


- As shown in the illustration, mount SST (C) in a vise, and install the alternator to SST (C).

- 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)

- Remove the alternator from SST (C).
- Turn SST (B), and remove SST (A and B).



5. INSTALL RECTIFIER HOLDER

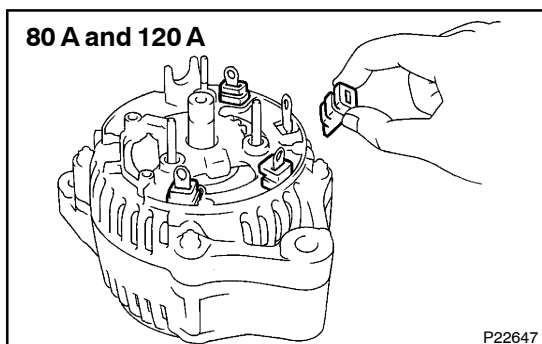
- 70 A:

Install the rectifier holder with the 4 screws and bolt.

Torque:

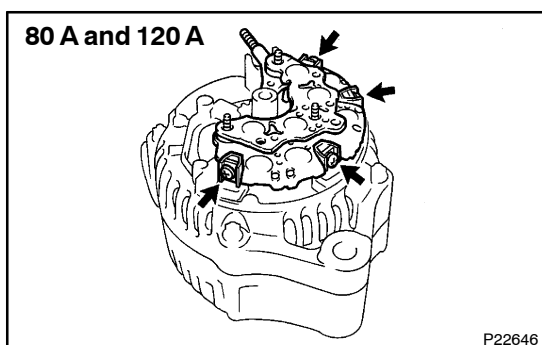
Screws: 1.96 N·m (20 kgf·cm, 17 in·lbf)

Bolt: 3.9 N·m (40 kgf·cm, 35 in·lbf)



- 80 A and 120 A:

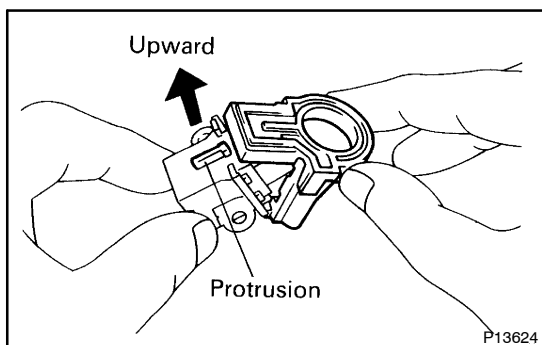
Install the 4 rubber insulators on the lead wires.



- 80 A and 120 A

Install the rectifier holder while pushing it with the 4 screws.

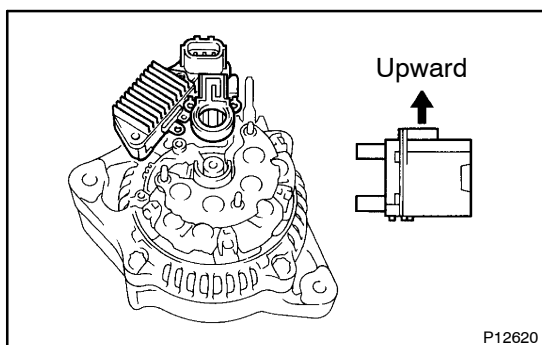
Torque: 2.94 N·m (30 kgf·cm, 26 in·lbf)

**6. 70 A:****INSTALL IC REGULATOR AND BRUSH HOLDER**

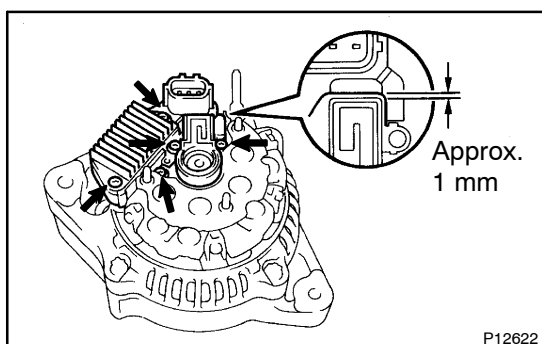
- (a) Install the brush holder cover to the brush holder.

NOTICE:

Be careful of the holder installation direction.



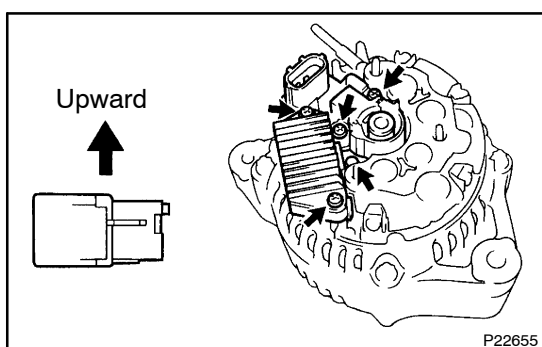
- (b) Place the IC regulator together with the brush holder horizontally on the rectifier end frame.



- (c) Install the 5 screws until there is a clearance of approx. 1 mm (0.04 in.) between the brush holder and connector.

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

- (d) Fit the brush holder cover.

**7. 80 A and 120 A:****INSTALL IC REGULATOR AND BRUSH HOLDER**

- (a) Place the seal plate on the rectifier end frame.
(b) Place the IC regulator and brush holder on the rectifier end frame.

NOTICE:

Be careful of the holder installation direction.

- (c) Install the 5 screws.

Torque: 2.0 N·m (20 kgf·cm, 18 in.·lbf)

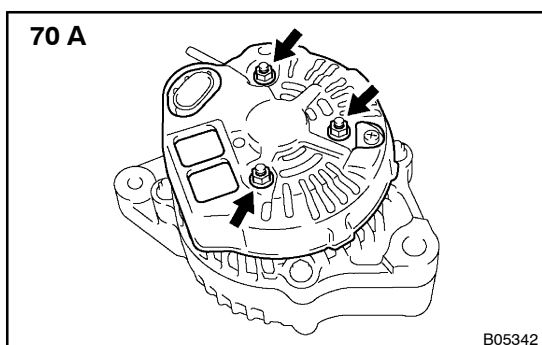
- (d) Place the brush holder cover on the brush holder.

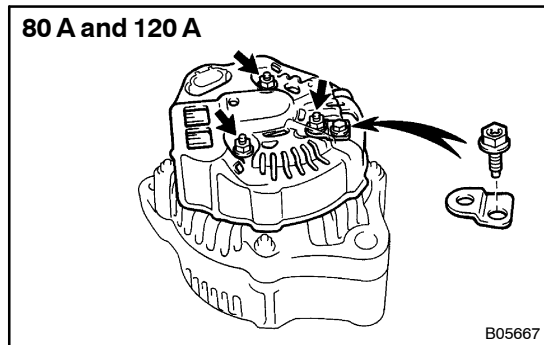
8. INSTALL REAR END COVER

- (a) 70 A:

Install the rear end cover with the 3 nuts.

Torque: 4.4 N·m (45 kgf·cm, 39 in.·lbf)





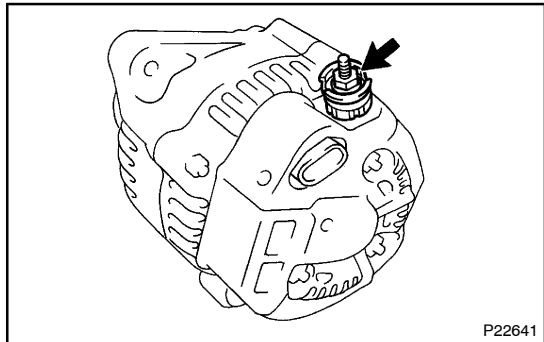
(b) 80 A and 120 A:

Install the rear end cover and plate terminal with the 3 nuts and screw.

Torque:

Screw: 3.85 N·m (39 kgf·cm, 34 in.·lbf)

Nuts: 4.4 N·m (45 kgf·cm, 39 in.·lbf)



(c) Install the terminal insulator with the nut.

Torque: 4.1 N·m (42 kgf·cm, 36 in.·lbf)

9. CHECK THAT ROTOR ROTATES SMOOTHLY