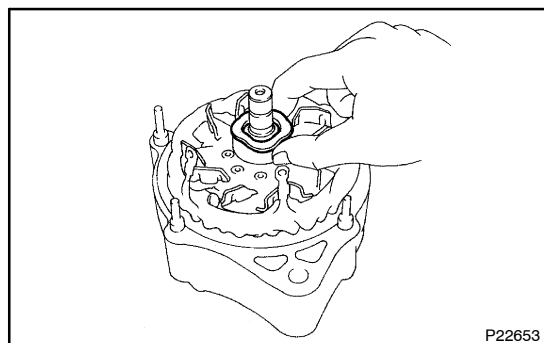


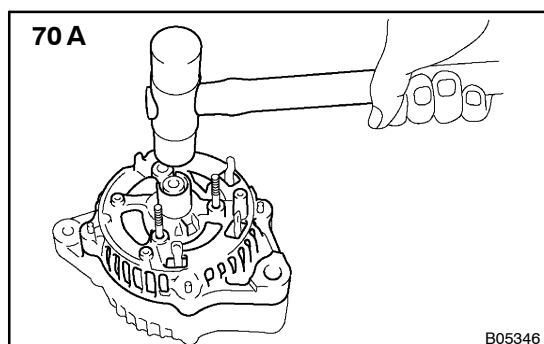
## REASSEMBLY

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

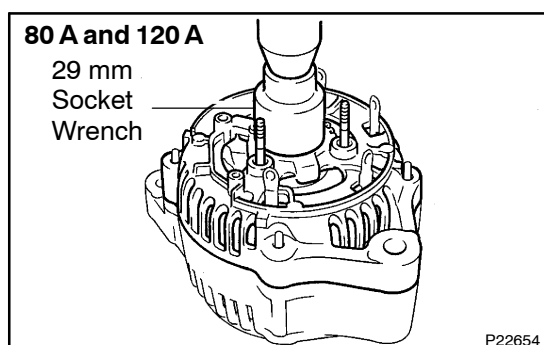


### 3. INSTALL RECTIFIER END FRAME

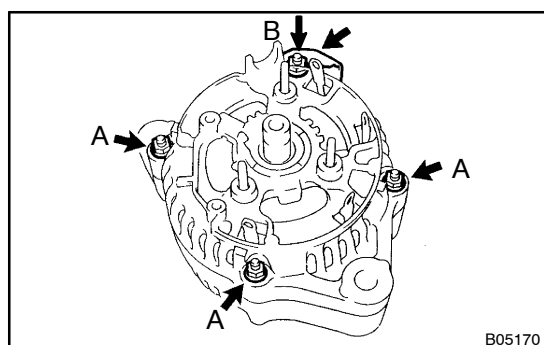
- (a) Place the alternator washer on the rotor.



- (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:

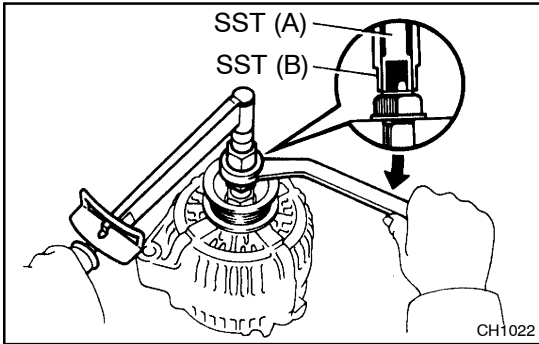
##### 70 A:

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)



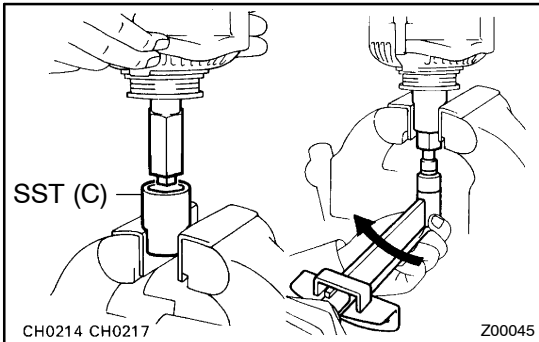
#### 4. INSTALL PULLEY

- (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.

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

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

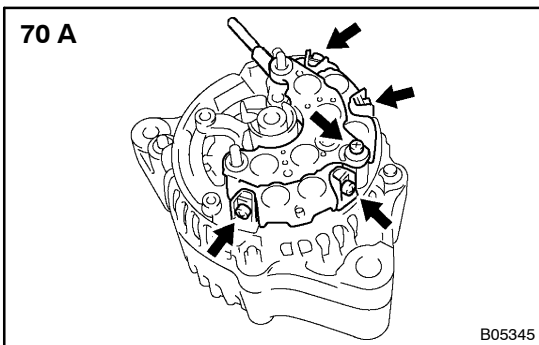


- (d) As shown in the illustration, mount SST (C) in a vise, and install the alternator to SST (C).

- (e) 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)**

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



#### 5. INSTALL RECTIFIER HOLDER

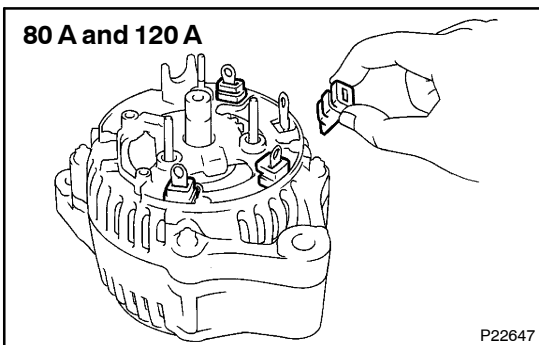
- (a) 70 A:

Install the rectifier holder with the 4 screws and bolt.

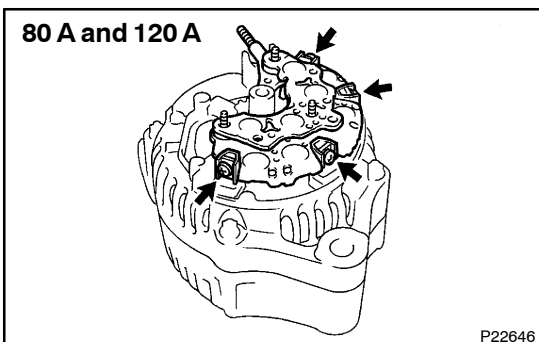
**Torque:**

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

**Bolt: 3.9 N·m (40 kgf·cm, 35 in·lbf)**

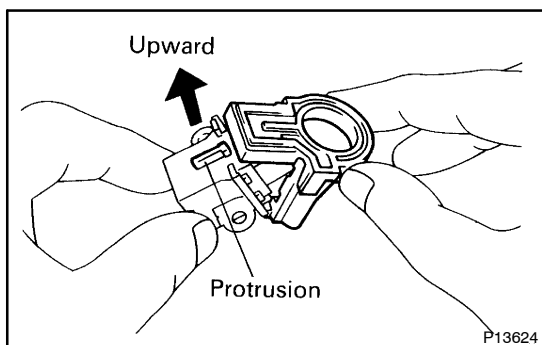


- (b) 80 A and 120 A:  
Install the 4 rubber insulators on the lead wires.



- (c) 80 A and 120 A  
Install the rectifier holder while pushing it with the 4 screws.

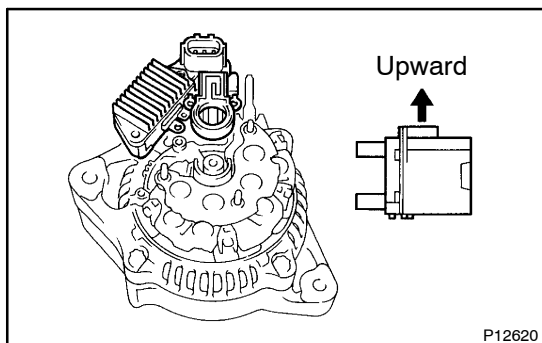
**Torque: 2.94 N·m (30 kgf·cm, 26 in·lbf)**

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

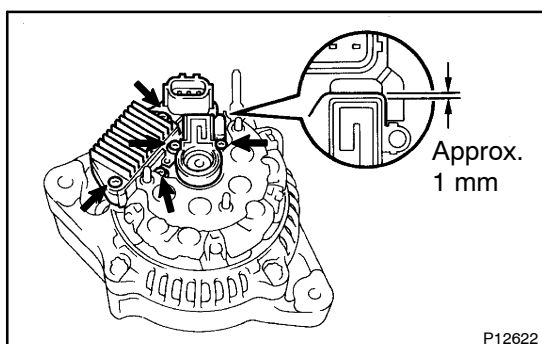
- (a) Install the brush holder cover to the brush holder.

**NOTICE:**

**Be careful of the holder installation direction.**



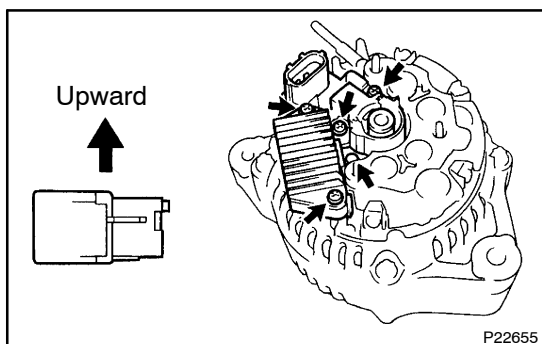
- (b) Place the IC regulator together with the brush holder horizontally on the rectifier end frame.



- (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)**

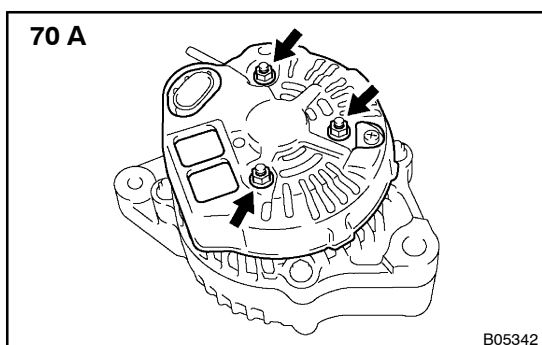
- (d) Place the brush holder cover on the brush holder.

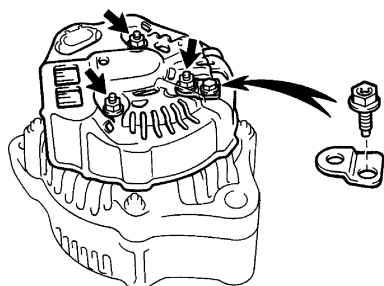
**8. INSTALL REAR END COVER**

- (a) 70 A:

Install the rear end cover with the 3 nuts.

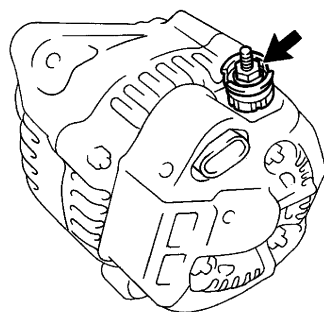
**Torque: 4.4 N·m (45 kgf·cm, 39 in.·lbf)**



**80 A and 120 A**

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- (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)**

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- (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**