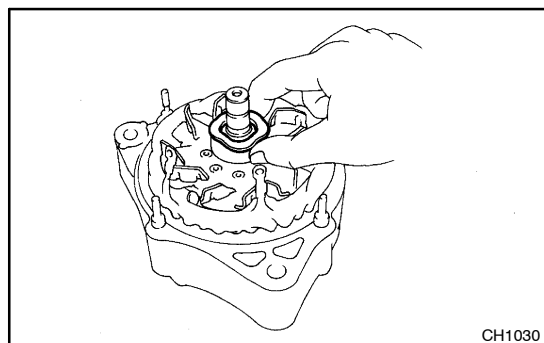


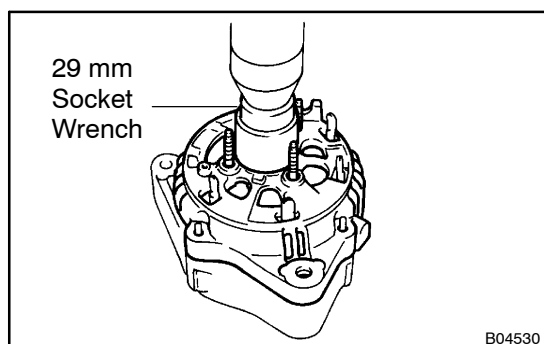
## REASSEMBLY

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

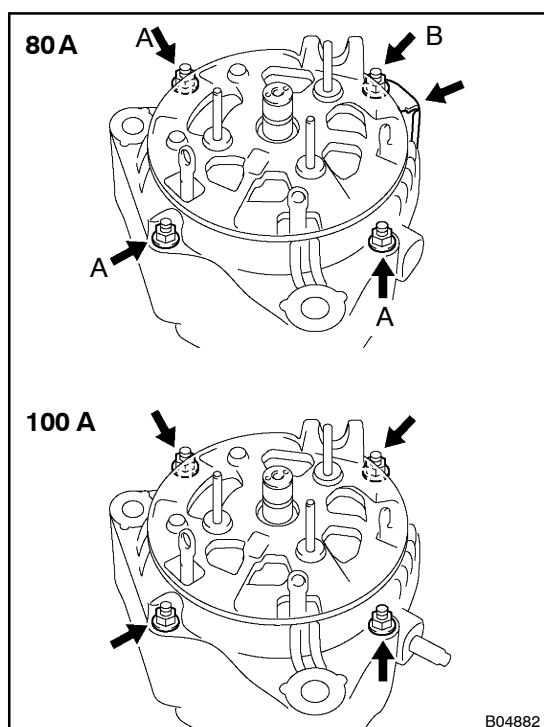


### 3. INSTALL RECTIFIER END FRAME

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



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



### (c) 80 A:

Install the cord clip and 4 nuts.

**Torque:**

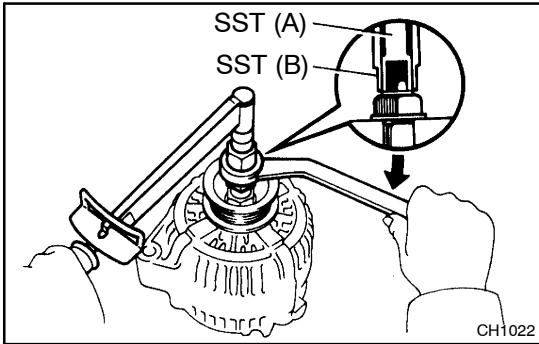
**A: 4.5 N·m (46 kgf·cm, 40 in.·lbf)**

**B: 5.4 N·m (55 kgf·cm, 48 in.·lbf)**

### (d) 100 A:

Install the 4 nuts.

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



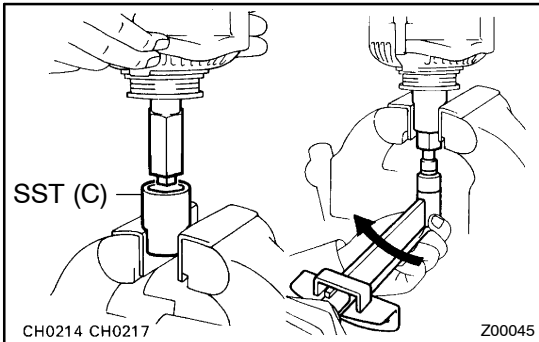
#### 4. INSTALL PULLEY

- (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)**

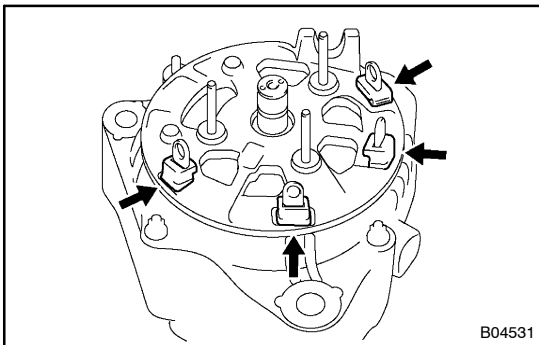
- (c) Check that SST (A) is secured to the pulley shaft.



- (d) 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.

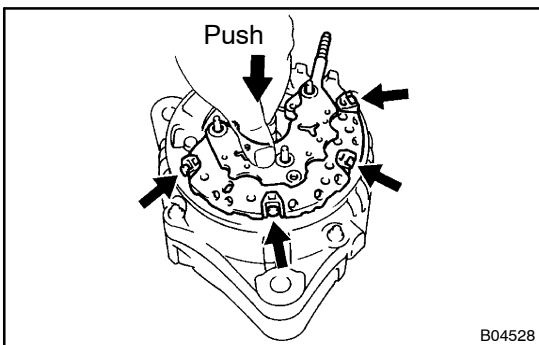
**Torque: 110.5 N·m (1,128 kgf·cm, 81 ft·lbf)**

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



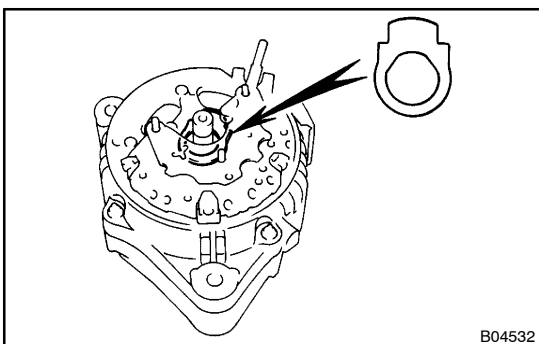
#### 5. INSTALL RECTIFIER HOLDER

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



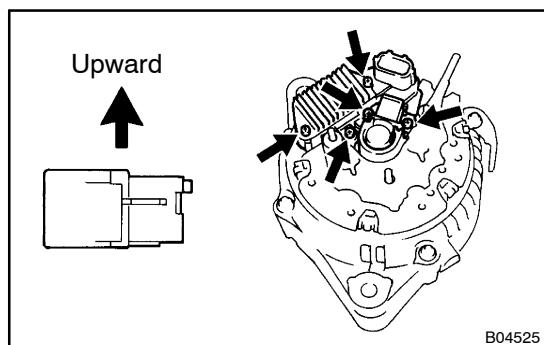
- (b) Install the rectifier holder while pushing it with the 4 screws.

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



#### 6. INSTALL IC REGULATOR AND BRUSH HOLDER

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



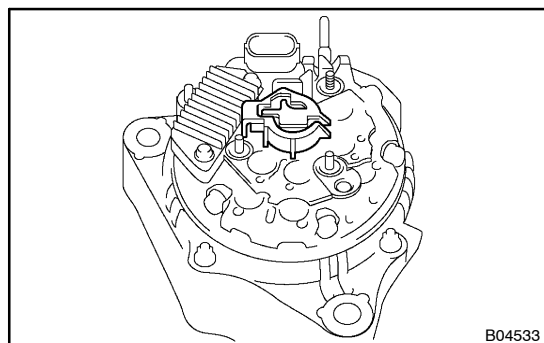
- (b) Place the IC regulator and brush holder on the rectifier end frame.

**NOTICE:**

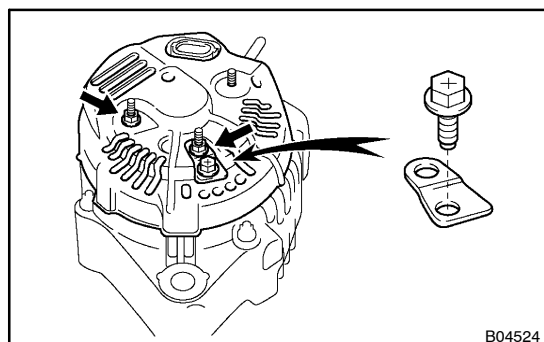
**Be careful of the holder installation direction.**

- (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.



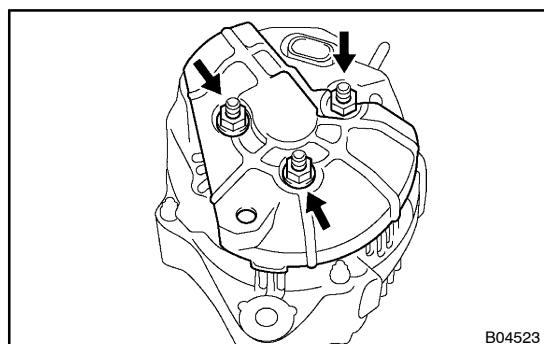
**7. INSTALL REAR END COVER**

- (a) Install the end cover and plate terminal with the 2 nuts and bolt.

**Torque:**

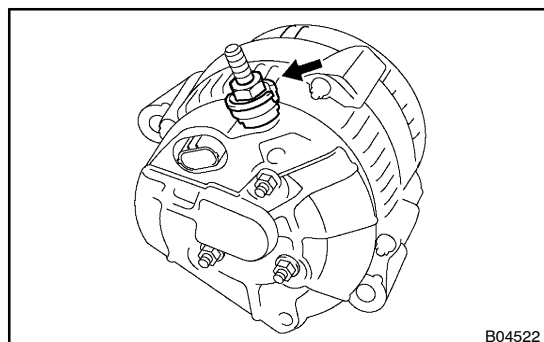
**Bolt: 3.8 N·m (39 kgf·cm, 34 in.·lbf)**

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



- (b) Install the rear end cover with the 3 nuts.

**Torque: 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)**

**8. CHECK THAT ROTOR ROTATES SMOOTHLY**