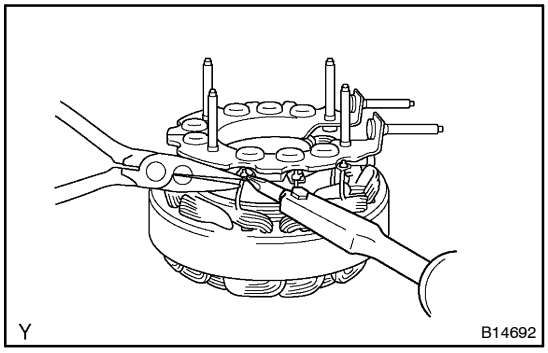
CH0IT–02

REASSEMBLY

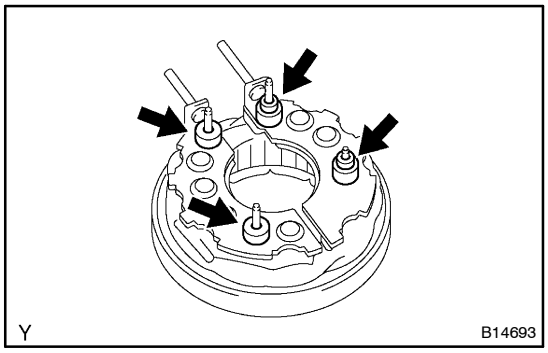


1. INSTALL RECTIFIER HOLDER TO STATOR

Hold the rectifier terminal with needle–nose pliers while soldering the lead.

CAUTION:

Protect the rectifiers from heat.



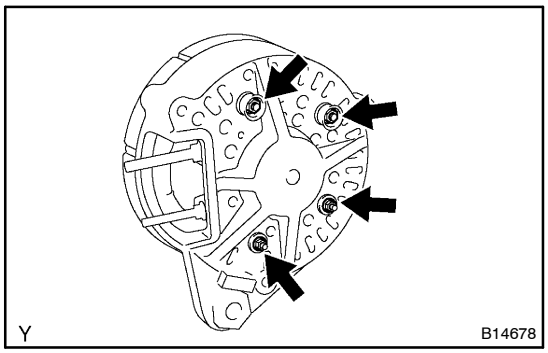
2. INSTALL RECTIFIER END FRAME TO RECTIFIER HOLDER

(a) Place the 2 insulator washers on the positive (+) studs of the rectifier holder.

(b) Place the 2 collars on the positive (–) studs of the rectifier holder.

(c) Place the rectifier end frame on the rectifier holder.

(d) Place the 2 terminal insulators on the positive (+) studs of the rectifier holder.



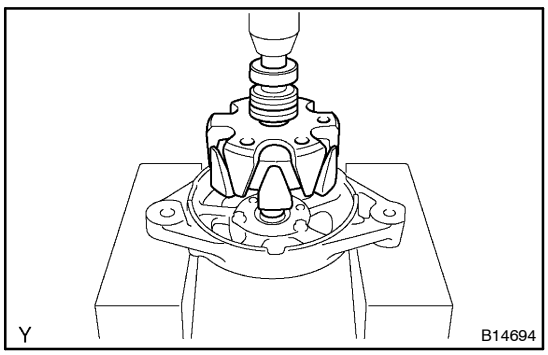
(e) Install the 4 nuts.

Torque: 3.9 N·m (40 kgf·cm, 35 in.·lbf)

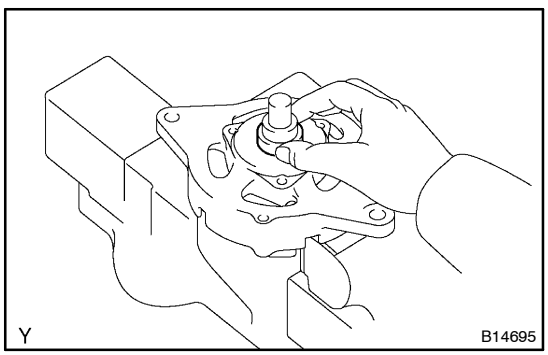
(f) Install the 2 rubber caps to the positive (+) studs of the rectifier holder.

3. INSTALL ROTOR

(a) Slide the spacer collar onto the rotor shaft.



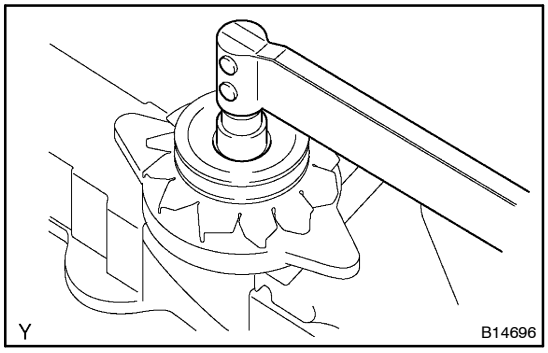
(b) Using a press, press in the rotor.



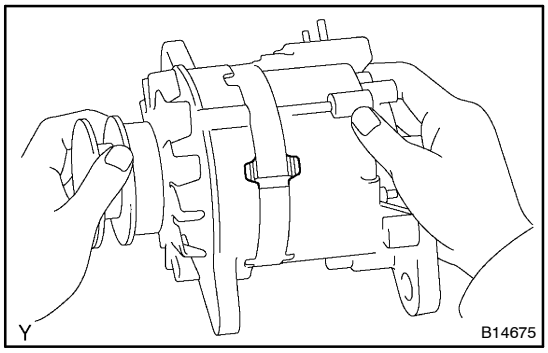
4. INSTALL FAN AND PULLEY

(a) Mount the rotor in soft jaw vise.

(b) Slide the spacer collar onto the rotor shaft.

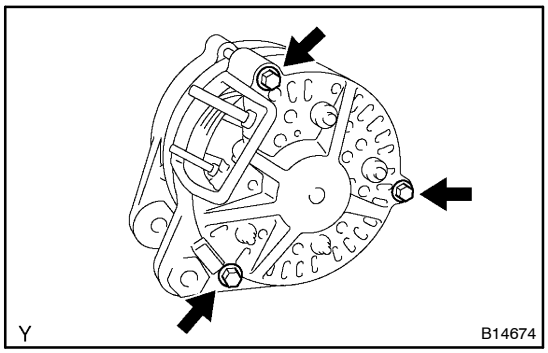


(c) Slide the fan and pulley onto the rotor shaft.
(d) Install the nut.
Torque: 127 N·m (1,300 kgf·cm, 94 ft·lbf)

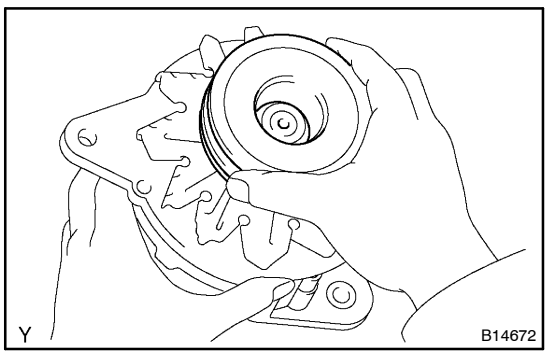


5. ASSEMBLE DRIVE END FRAME AND RECTIFIER END FRAME

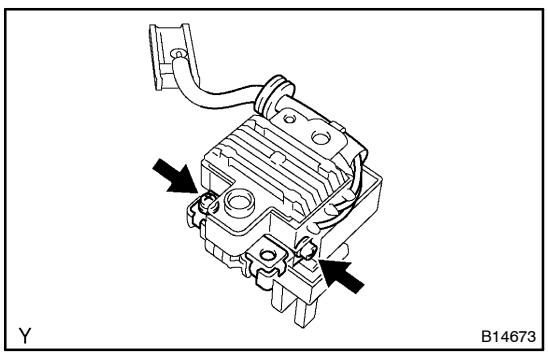
(a) Assemble the drive end frame and rectifier end frame.



(b) Install the 3 through bolts.
Torque: 17 N·m (176 kgf·cm, 13 ft·lbf)

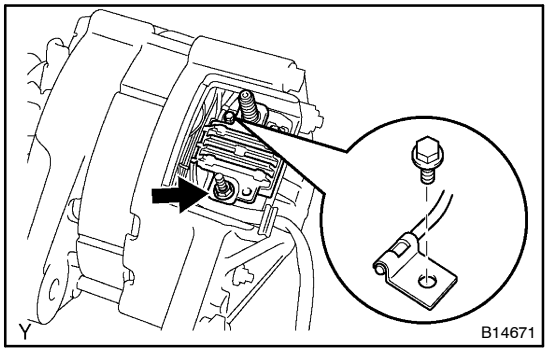


(c) Make sure the rotor rotates smoothly.



6. INSTALL ASSEMBLE BRUSH HOLDER AND IC REGULATOR

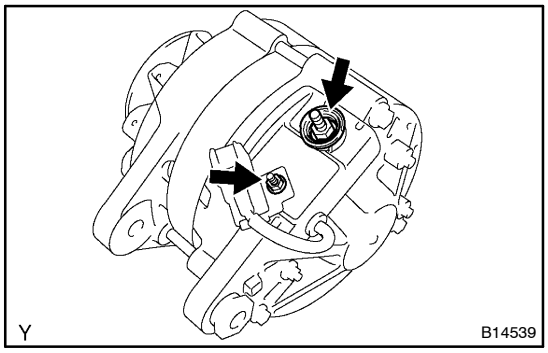
Assemble the brush holder and IC regulator with the 2 screws.
Torque: 2.5 N·m (26 kgf·cm, 23 in.·lbf)



7. INSTALL BRUSH HOLDER AND IC REGULATOR ASSEMBLY

(a) Install the brush holder and IC regulator with nut.

(b) Install the read wire to brush holder and IC regulator assembly with the screw.



8. INSTALL BRUSH HOLDER COVER

(a) Place the brush holder cover on the rectifier end frame.

(b) Install the terminal insulator on terminal B with the nut..
Torque: 5.9 N·m (60 kgf·cm, 52 in.·lbf)

(c) Install the nut together with connector clamp.

9. CHECK THAT ROTOR ROTATES SMOOTHLY