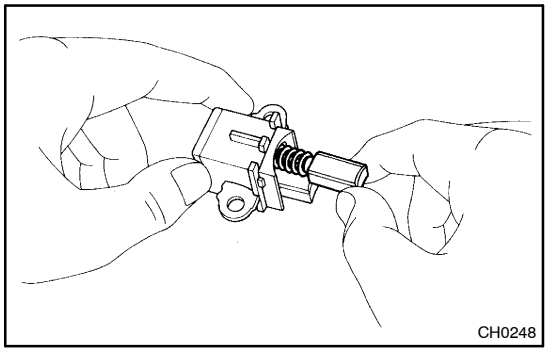
CH0C6–01

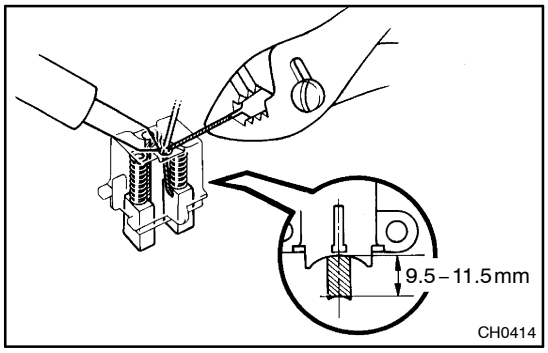
REPLACEMENT



1. REPLACE BRUSHES

(a) Unsolder and remove the brush and spring.

(b) Run the wire of a new brush through the spring and the hole in the brush holder, and insert the spring and brush into the brush holder.



(c) Solder the brush wire to the brush holder at specified exposed length.
Exposed length: 9.5 – 11.5 mm (0.374 – 0.453 in.)

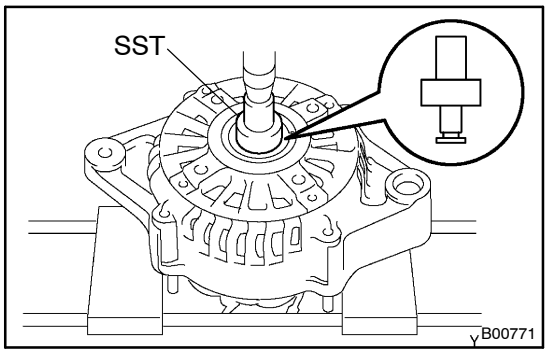
(d) Check that the brush moves smoothly in the brush holder.

(e) Cut off the excess wire.

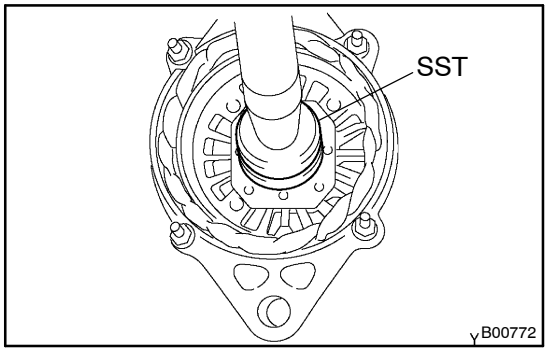
(f) Apply insulation paint to the soldered area.

2. REPLACE FRONT BEARING

(a) Remove the 4 screws, bearing retainer and bearing.

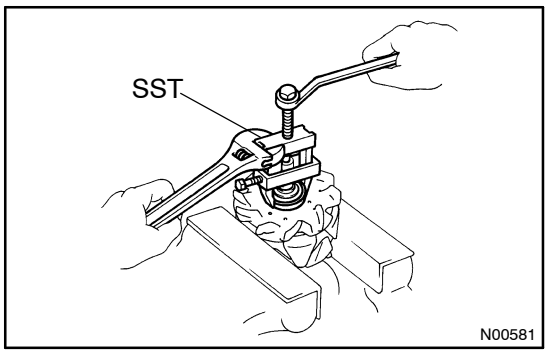


(b) Using SST and a press, press out the bearing.
SST 09950–60010 (09951–00260, 09952–06010)



(c) Using SST and a press, press in a new bearing.
SST 09950–60010 (09951–00510)

(d) Install the bearing retainer with the 4 screws.
Torque: 2.6 N·m (26.5 kgf·cm, 23 in.·lbf)

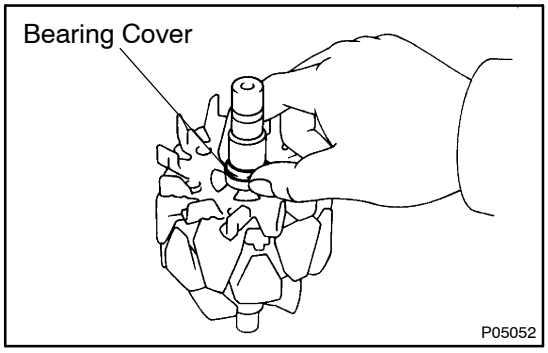


3. REPLACE REAR BEARING

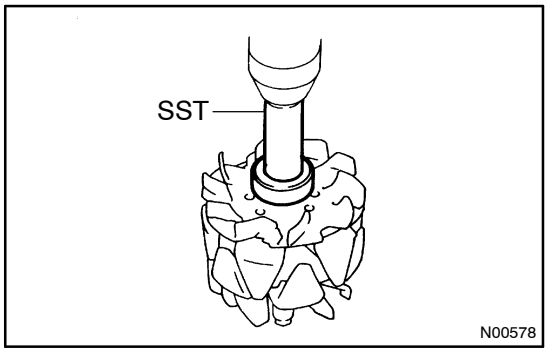
(a) Using SST, remove the bearing cover and bearing.
SST 09820–00021

NOTICE:

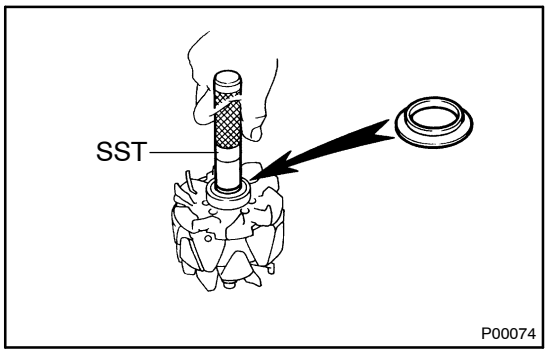
Be careful not to damage the fan.



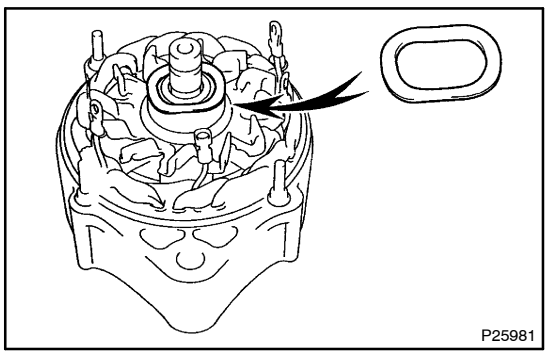
(b) Place the bearing cover on the rotor.



(c) Using SST and a press, press in a new bearing.
SST 09820–00030



(d) Using SST, push in the bearing cover.
SST 09285–76010



(e) Place the generator washer on the rotor.