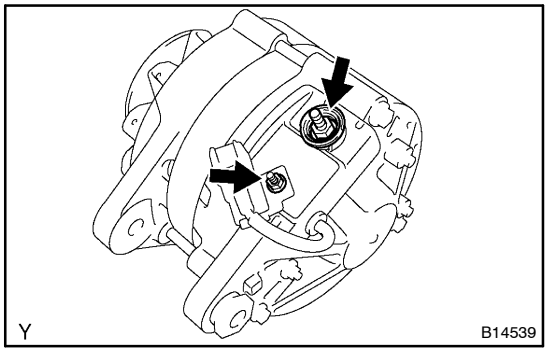
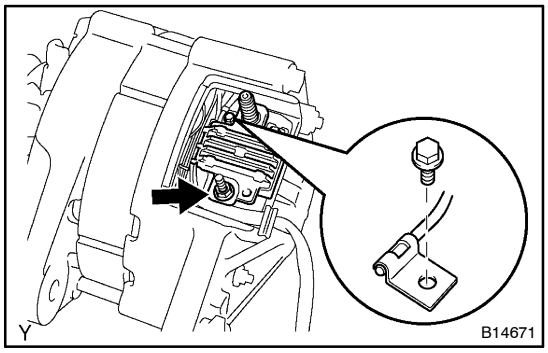
CH0IQ–02

DISASSEMBLY



1. REMOVE BRUSH HOLDER COVER

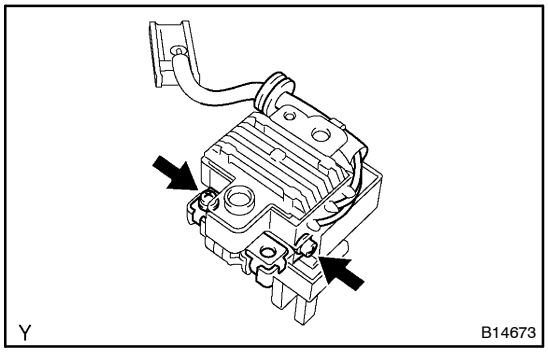
Remove the 2 nuts, terminal insulator, connector clamp and brush holder cover.



2. REMOVE BRUSH HOLDER AND IC REGULATOR ASSEMBLY

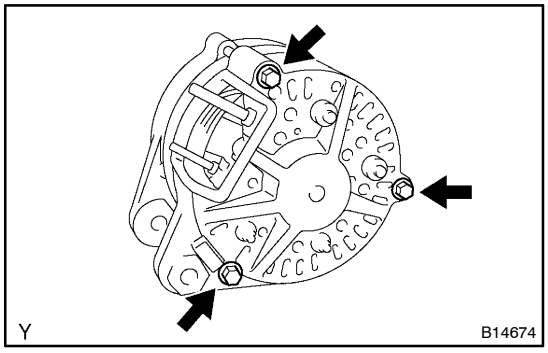
(a) Remove the screw and read wire.

(b) Remove the nut, brush holder and IC regulator assembly.



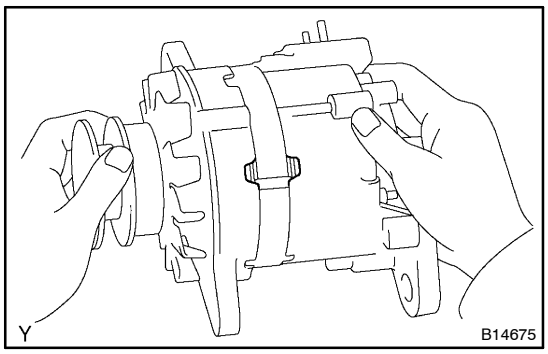
3. SEPARATE BRUSH HOLDER AND IC REGULATOR

Remove the 2 screws and separate the brush holder and IC regulator.



4. REMOVE DRIVE END FRAME AND ROTOR ASSEMBLY FROM STATOR

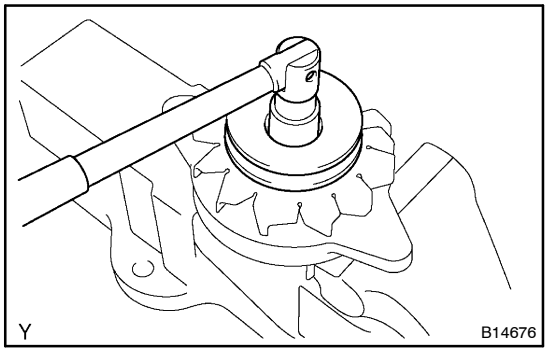
(a) Remove the 3 through bolts.



(b) Remove the drive end frame together with the rotor.

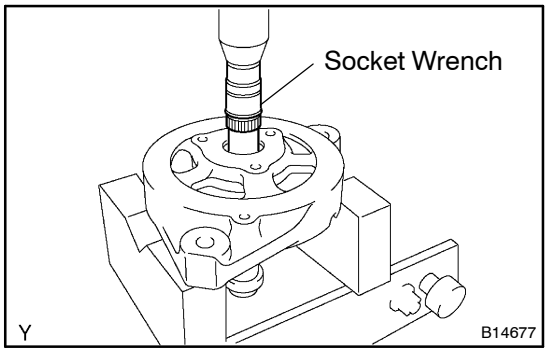
NOTICE:

If necessary, lightly tap the rotor shaft with a plastic–faced hammer.



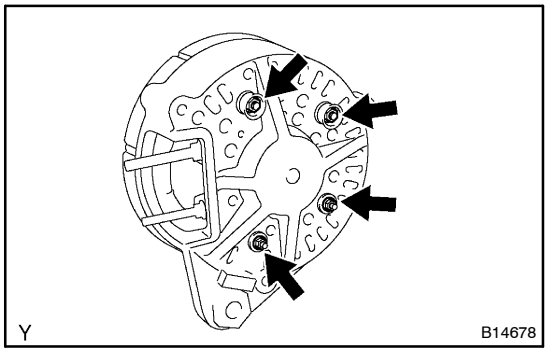
5. REMOVE PULLEY AND FAN

(a) Mount the rotor in a soft jam vise.
(b) Remove the nut, pulley and fan.



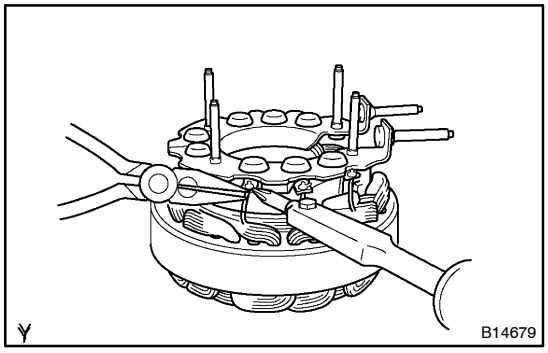
6. REMOVE ROTOR

(a) Using a socket wrench and press, press out the rotor.
(b) Remove the collar from the drive end frame.
(c) Remove the collar from the rotor shaft.



7. REMOVE RECTIFIER END FRAME

(a) Remove the 2 rubber caps.
(b) Remove the 4 nuts and 2 terminal insulators.
(c) Remove the rectifier end frame.
(d) Remove the 2 terminal bushings and collars from the rectifier holder studs.



8. REMOVE RECTIFIER HOLDER

Hold the rectifier terminal with needle–nose pliers and unsolder the leads.

CAUTION:
Protect the rectifiers from heat.