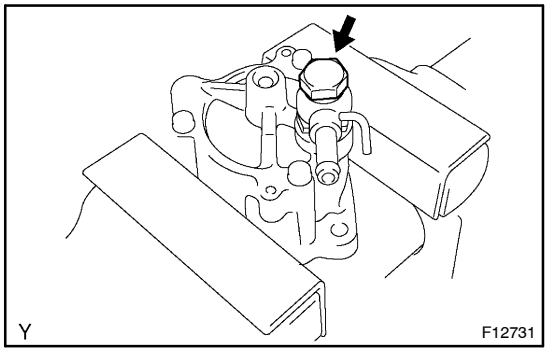
BR0V5–02

DISASSEMBLY

1. PLACE VACUUM PUMP IN VISE

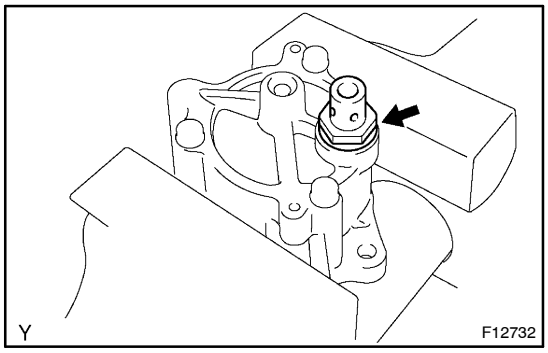
2. REMOVE VACUUM HOSE UNION

Remove the union bolt, union and 2 gaskets.



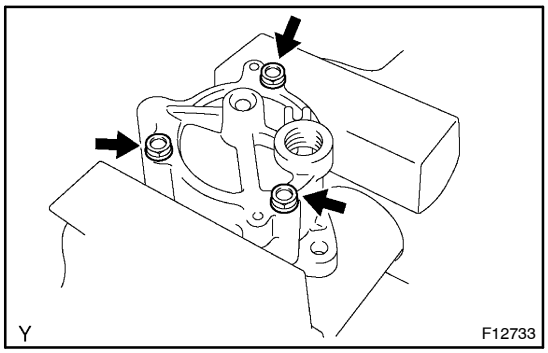
3. REMOVE CHECK VALVE

Remove the check valve and gasket.



4. REMOVE END COVER

(a) Remove the 3 bolts.



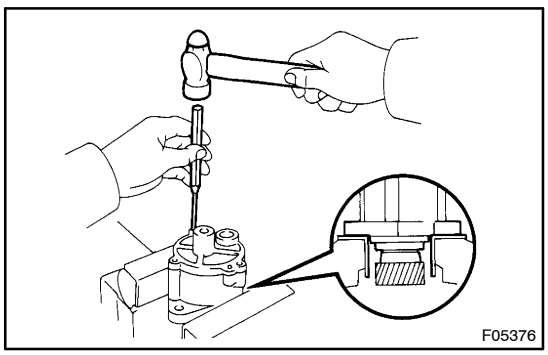
(b) Place the vacuum pump on vise, as shown in the illustration.

NOTICE:

Do not tighten the vise.

(c) Using a pin punch and hammer, drive out the 2 straight pins.

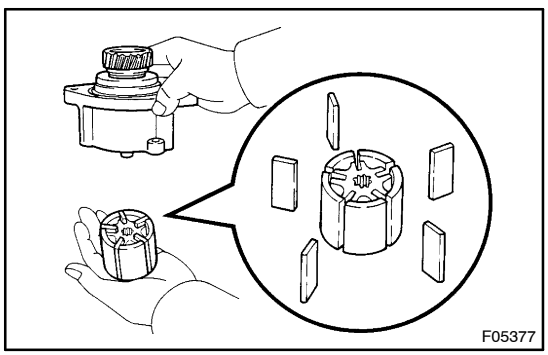
(d) Remove the end cover and 2 O–rings.

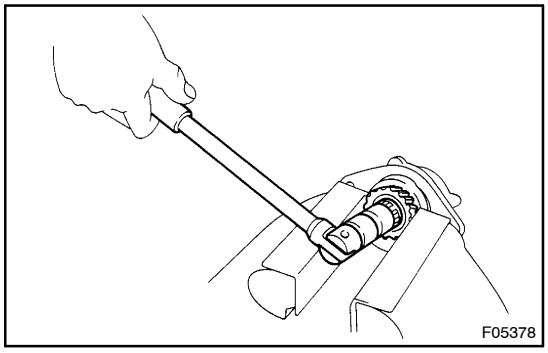


5. REMOVE ROTOR AND 5 BLADES

NOTICE:

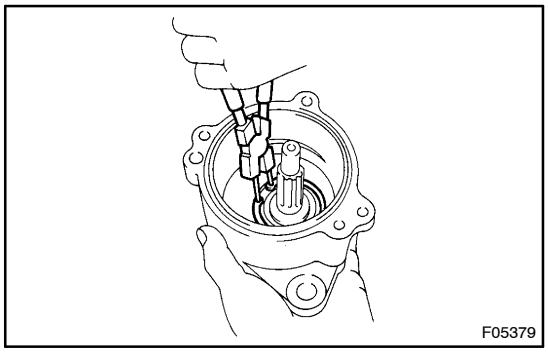
Be careful not to drop the blades.





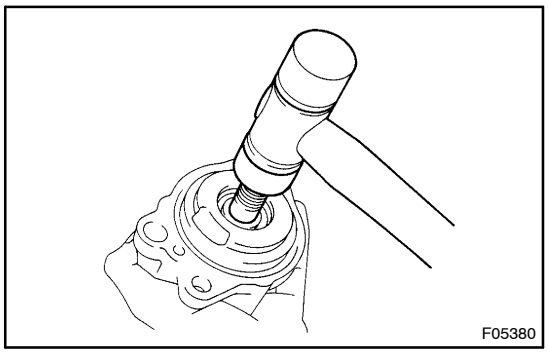
6. REMOVE GEAR

(a) Using soft jaws on the vise, clamp the gear in the vise.
(b) Remove the gear lock nut.
(c) Remove the gear and woodruff key.



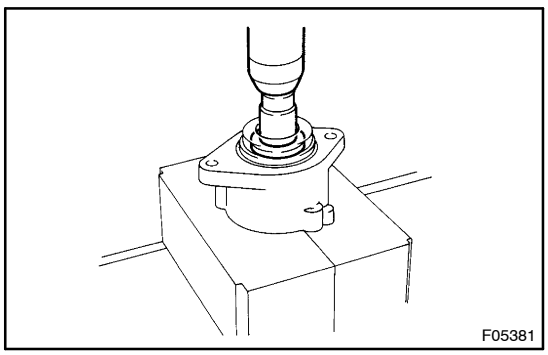
7. REMOVE SNAP RING

Using snap ring pliers, remove the snap ring.



8. REMOVE ROTOR SHAFT

Using a plastic hammer, tap out the rotor shaft.



9. REMOVE BEARING

Using a press and 17mm socket, press out the bearing.