Remove the rear cover, shims and seal ring.

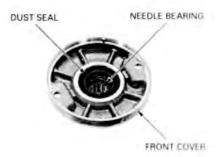
Remove the armature from the motor case.

NOTE:

Record the location and number of shims.



Check the needle bearing and dust seal in the front cover for wear or damage.



Check the commutator bars of the armature for discoloration.

NOTE:

Do not use emery or sand paper on the commutator.



Check for continuity between pairs of commutator bars. There should be continuity.

