



June 27, 1973

Mower Motor Brush Operation

When mower motors operate intermittently, one cause may be an improperly seated brush. To check for proper brush operation, perform the following inspection:

1. Unplug the power cord from the PTO outlet and remove the motor cover and harness connections to the motor.
2. Remove the upper end bell assembly.
3. Work the brushes back and forth in the brush holder. Correctly operating brushes should slide freely in the holders.
4. If there is evidence of binding, remove the brushes from the holders. Examine the nylon material within the brush holder and remove any obstruction. In some cases it may be necessary to file material from the sides of the brush holder and/or sand the sides of the brushes to obtain a freely operating brush action.
5. Follow the above repair procedure, and re-assemble the commutator end bell assembly being careful not to chip or damage the brushes. Connect the harness and reassemble the cover. Test motor operation.
6. Other causes of intermittent motor operation may be malfunctioning circuit breaker or armature. Consult the Product Service Manual for repair.

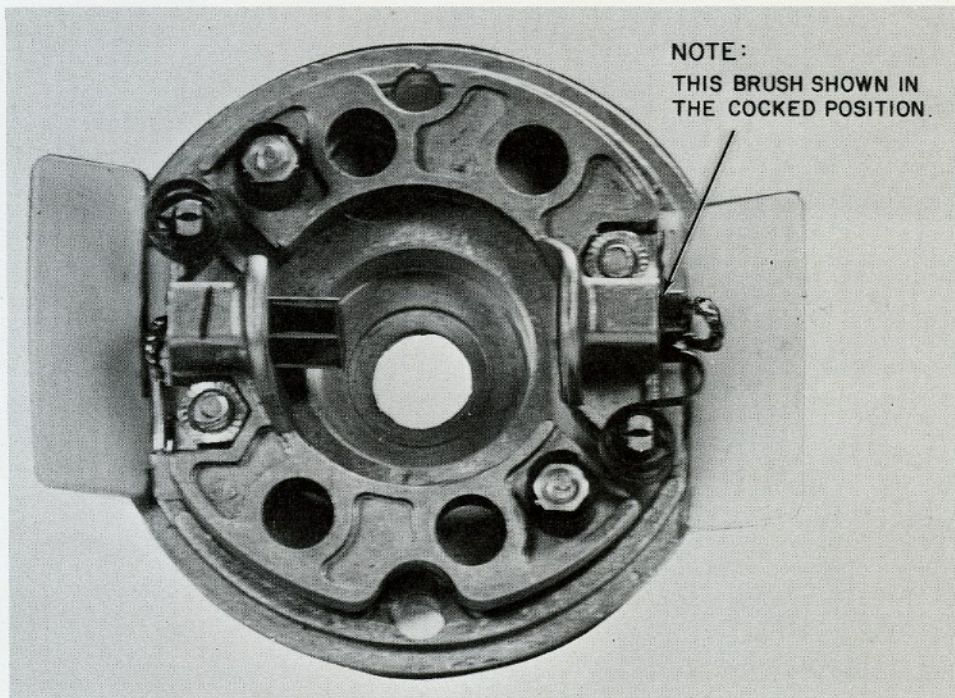


Fig. 1 Cock Both Brushes for Reassembly