November 16, 1970

PRODUCT SERVICE BULLETIN

Re: Service Bulletin Dated September 30, 1970

We have had several inquires regarding mower motor modification of motors that have damaged spot epoxy bonds. These motors should be inspected as outlined in the following instruction and handled accordingly. Disregard this instruction for those motors already modified.

The form for recording serial numbers of modified units has been previously sent by first class mail with a duplicate set of instructions. If this form has been misplaced, use the form enclosed for warranty reimbursement.

Sincerely yours,

R. M. Fisher, MANAGER
PRODUCT SERVICE, QUALITY & SAFETY

RMF/bjw
Check for Parts Alignment  
Prior to Mower Motor Modifications

Refer to Figure 3, which is a sketch of the mower motor after the lead access cover on top of the motor has been removed.

1. Check the condition of the two (2) epoxy resin welded joints located as indicated by Figure 3. If the two epoxy resin welded joints are broken and the motor case has shifted more than 1/8" with respect to the mounting flange, return the motor for repair.

   If the epoxy resin welded joint has not shifted more than 1/8" proceed as follows:

2. Using a 6-inch right angle draftsman's triangle or a machinist's square, position it to make a vertical line from the center line of the ejector pin mark up the motor case. (See Figure 3)

3. Measure the horizontal distance from the vertical line to the center line of the motor clamp bolt.

   A. If the clamp bolt center line is more than 1/8 inch from either side of the line, return the motor for repair.

   B. If the alignment is within the 1/8 inch limit, proceed as follows.

4. Check the nuts on top of the endshield on each of the two motor clamp bolts. If the nuts are not tight, tighten them up. Make sure the motor leads have not been disturbed and reassemble the cover.

1. Two epoxy resin welded joints approximately 180° apart were used on original motors. If these welds appear broken and the motor case has shifted more than 1/8" with respect to the mounting flange, return motor for repair.

2. Ejector pin mark (5/16-inch diameter indentation on flange next to motor case)

3. Center line of bolt, if it is not within 1/8-inch of vertical from center of ejector pin mark below, return motor for repair.

4. Note: Clamp bolts and nuts are the two not insulated. If nuts are loose, tighten them.

5. Drain holes in motor end bell. Plug with self tapping screw whose threads have been dipped in sealant mixture.

Figure 3

Mower motor with lead access cover already removed.
**RECORD AND WARRANTY FORM**  
**MOWER MODIFICATION**

Dealer Name ______________________  
Address ________________________

Dealer's Signature ________________

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<th>INVENTORY UNITS</th>
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