



GENERAL ELECTRIC COMPANY, CORPORATIONS PARK, BUILDING 702,
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OUTDOOR

POWER EQUIPMENT

OPERATION

September 30, 1970

PRODUCT SERVICE BULLETIN

The mower motor modification kit is being provided to add extra bonding strength between the motor case and the mounting flange which attaches the motor to the deck. The kit also contains screws to plug the small holes in the underside end bell.

Several field reports have indicated that the spot epoxy bonds can be broken under severe service and that heavy water pressure on the drain holes can permit excessive water to enter the end bell. This has caused very few problems, but we feel preventive action will be worthwhile.

The complete modification should be made on all rotary mowers in your inventory as a part of the set-up procedure. All mowers shipped after August 1st (having serial numbers beginning with H or J, and the G series having numbers higher than 11000) have already been factory modified.

The modification should also be made on all demonstration mowers or those already set-up.

We also want to modify every existing mower which has been sold to a user. This work will be covered by warranty reimbursement and should be done before year end so that this extra strengthening will be accomplished before any warranties expire. The labor reimbursement will be 1/2 hour labor per mower. You should contact each user and ask him to bring his mower to your shop as soon as convenient (Nov. 30 at the latest) for this strengthening modification. Only under unusual circumstances should you travel to a user to make the modification. We will also allow 1/2 hour travel time for these special cases when explained on the record form.

All serial numbers must be recorded when completed on the enclosed form and the form forwarded to me when all units are completed. This form when returned will serve as your warranty reimbursement voucher for this work. We will be checking with all users as a part of our customer communication program, to be certain all mowers have been modified.

Very truly yours,

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

PS: Please be sure all rear discharge mowers are equipped with the flap which was sent to you earlier this year.



Mower Motor Modification

This kit contains enough material to modify 12 rotary mowers (36 motors). The following directions are intended to modify one mower, that is, a total of 3 mower motors.

Perform all modifications with power cord removed from tractor PTO receptacle.

Preparation

1. If the mower has not just be unpacked, wipe all motor surfaces clean above and below the mower deck.
2. Thoroughly clean and dry the groove between the outside of the motor case and motor mounting flange of each motor. In the absence of compressed air, clean the groove with shim stock or the equivalent. If there is evidence of moisture in the groove, dry unit before proceeding. See Figure 1.
3. Expose underside of mower and clean the two drain holes in each motor end bell. See Figure 1.

WARNING: The contents of bottle #1 and #2 may irritate the skin. Do not rub eyes while using these materials and wash hands thoroughly when the work is completed.

Mixing the Bond Agent

1. The mixing cups have two levels indicated. First pour bottle #1 into the cup to the lower line. Pour in bottle #2 to bring the mixture to the upper line.

Work rapidly after the liquids are mixed. Curing begins immediately and the mixture must be used within 30 minutes.

2. Stir the mixture for two minutes.
3. Dip the threads of six self-tapping screws into the mixture before fully screwing them into the holes in each motor's end bell (underside of deck).
4. Pour the bonding mixture into the previously cleaned groove of each motor on either side of the existing bonds until the grooves are completely filled.

Pouring is made easier if the front edge of the mower deck is tilted up and half of the groove on that side is filled. Tilt the opposite side to fill the other groove half. See Figure 2.

NOTICE: Full penetration of the bonding mixture in each groove is very important. Pour slowly to avoid trapping air in the groove which may prevent complete filling.

