



*Taking Control . . . To A Higher Level*

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## MOTOR REPLACEMENT INSTRUCTIONS

### ROTARY BIN LEVEL INDICATORS GR II AND GR II MAXIMA

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1. Disconnect all power to the rotary unit. Remove the cap from the enclosure.
2. Disconnect the three plugs from the printed circuit board. The GR II will have two plugs and the GR II MAXIMA will have three. Remove the four screws that hold the circuit board in place and carefully set the board aside.
3. Remove the two screws that hold the limit switch to the enclosure and set the switch aside.
4. Remove the two screws that hold the motor to the motor mounting plate. Remove the motor. Remove the washers, timing wheel, and the additional washers located under the timing wheel as shown in the illustration. Remove the snap ring located on the timing wheel shaft above the ball bearing.
5. Loosen the two screws holding the photo eye in place, then remove eye ass'y from mounting plate. Note: only the GR II Maxima will have the photo eye. Remove the motor mounting plate by pulling straight out of the unit.
6. Replace the plastic insert located in the center of the rotary shaft. Reassemble the snap ring, washers, timing wheel and motor as shown.
7. At this point you are ready to reassemble the limit switch, printed circuit board, photo eye and plugs. When replacing the printed circuit board, make sure the fiber divider is in place under the circuit board. The free end of the divider should be resting on the conduit opening side of the two bosses located on the bottom of the enclosure. Refer to illustration for proper location of wave spring and washers.
8. With the o'ring seal in place, reassemble the cap and connect the power.

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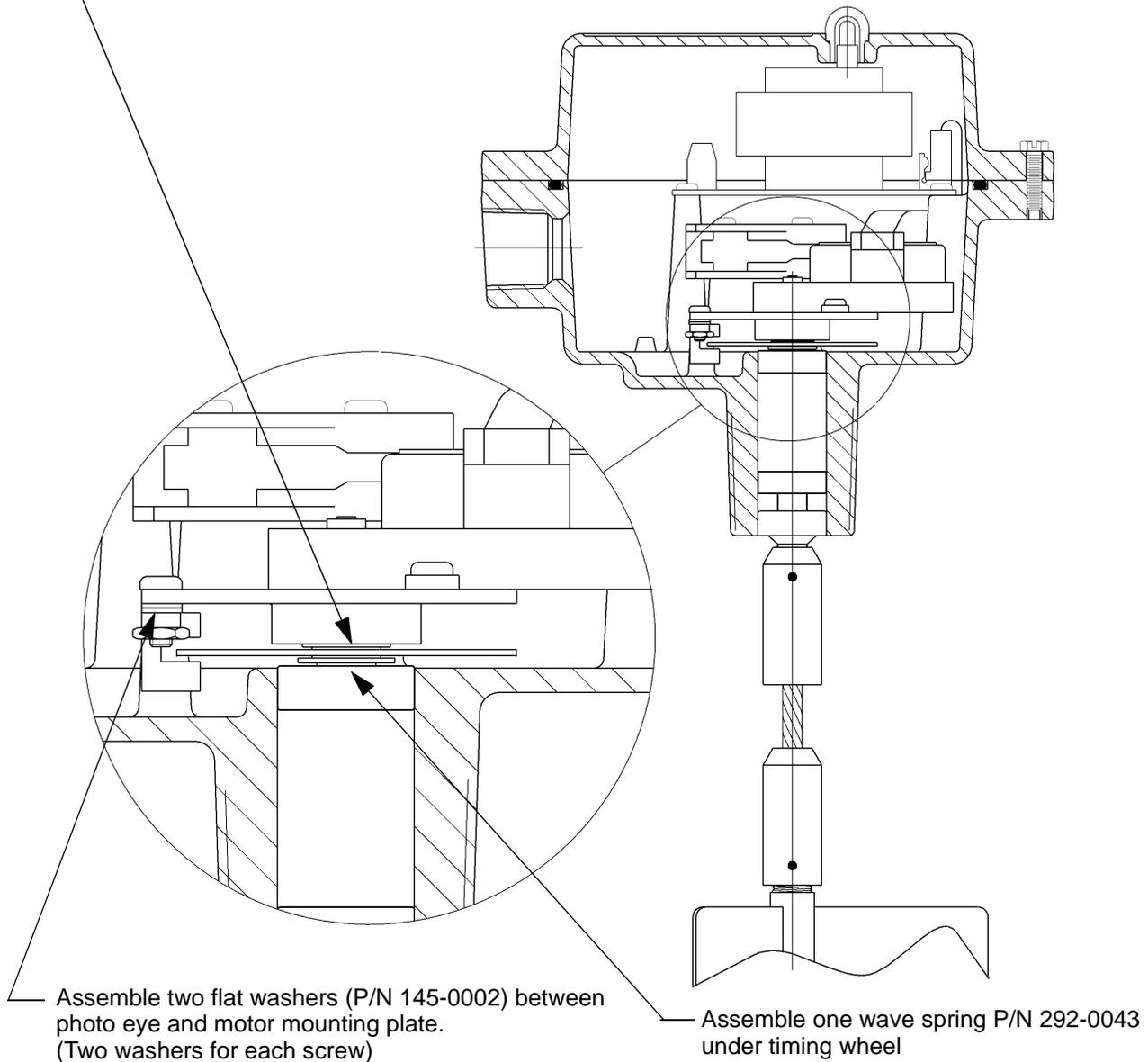
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# BINMASTER®

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Assemble on top side of timing wheel:

- A) One wave spring (P/N 292-0045) on top of timing wheel
- B) One flat washer (P/N 145-0024) on top of wave washer



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