

# Servicing the Warner Electric MTB-I

P-1397  
819-0307

The magnet friction pads and armature are the wearing parts of the Modular Tension Brake (MTB). While the wear life is normally many months, the magnets and/or armature(s) may eventually require replacement.

**⚠ WARNING** Failure to follow these instructions may result in product damage, equipment damage, and serious or fatal injury to personnel.

## Replacing the Magnet Friction Pad

The magnet consists of the basic coil housing and a replaceable friction pad. To replace the pad, proceed as follows:

1. Shut off power at the control system.
2. Remove the carrier assembly from its bracket and slide the magnet off the pins.
3. Remove the flat head screw which secures the pad to the housing, and remove the pad. (See Figure 1)



Figure 1

4. Install new pad with the new screw provided.
5. Before reattaching the carrier, check the armature for wear. If the armature is worn to a thickness of 5/16" or less at the thinnest section, it must be replaced. If it is more than 5/16" it may be used as is with the new magnet. (See Figure 2) A used armature should not be resurfaced even though it may have a wear pattern from previous use.

## Installation Instructions

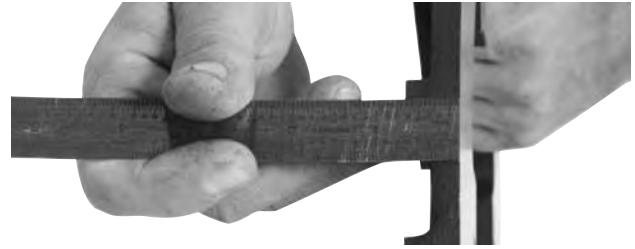


Figure 2

To replace the armature first remove other components as required to allow removal of the armature from the hub and shaft. Install the new armature and other components, including the magnets and carrier, in reverse order.

6. Adjust the armature(s) on the shaft for proper magnet-to-carrier clearance of .200 inch. See Figures 3 and 4 for single or dual armature units.



Figure 3



Figure 4

## Warranty

Warner Electric LLC warrants that it will repair or replace (whichever it deems advisable) any product manufactured and sold by it which proves to be defective in material or workmanship within a period of one (1) year from the date of original purchase for consumer, commercial or industrial use.

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