

# 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)

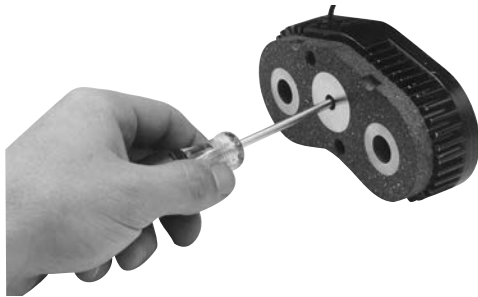


Figure 1

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

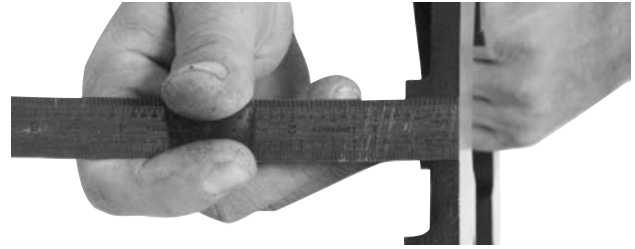


Figure 2

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

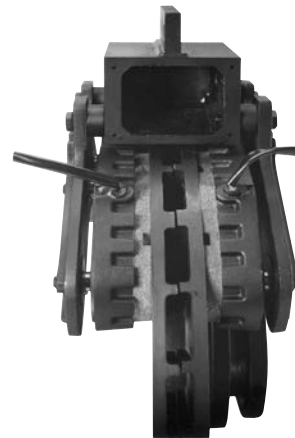


Figure 4

# 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.

This warranty extends only to the original purchaser and is not transferable or assignable without Warner Electric LLC's prior consent.

Warranty service can be obtained in the U.S.A. by returning any defective product, transportation charges prepaid, to the appropriate Warner Electric LLC factory. Additional warranty information may be obtained by writing the Customer Satisfaction Department, Warner Electric LLC, 449 Gardner Street, South Beloit, Illinois 61080, or by calling 815-389-3771.

A purchase receipt or other proof of original purchase will be required before warranty service is rendered. If found defective under the terms of this warranty, repair or replacement will be made, without charge, together with a refund for transportation costs. If found not to be defective, you will be notified and, with your consent, the item will be repaired or replaced and returned to you at your expense.

This warranty covers normal use and does not cover damage or defect which results from alteration, accident, neglect, or improper installation, operation, or maintenance.

Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

Warner Electric LLC's obligation under this warranty is limited to the repair or replacement of the defective product and in no event shall Warner Electric LLC be liable for consequential, indirect, or incidental damages of any kind incurred by reason of the manufacture, sale or use of any defective product. Warner Electric LLC neither assumes nor authorizes any other person to give any other warranty or to assume any other obligation or liability on its behalf.

WITH RESPECT TO CONSUMER USE OF THE PRODUCT, ANY IMPLIED WARRANTIES WHICH THE CONSUMER MAY HAVE ARE LIMITED IN DURATION TO ONE YEAR FROM THE DATE OF ORIGINAL CONSUMER PURCHASE. WITH RESPECT TO COMMERCIAL AND INDUSTRIAL USES OF THE PRODUCT, THE FOREGOING WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

## **Changes in Dimensions and Specifications**

All dimensions and specifications shown in Warner Electric catalogs are subject to change without notice. Weights do not include weight of boxing for shipment. Certified prints will be furnished without charge on request to Warner Electric.



**Warner Electric**  
31 Industrial Park Road • New Hartford, CT 06057  
815-389-3771 • Fax: 815-389-2582  
[www.warnerelectric.com](http://www.warnerelectric.com)