



MGM Brakes

A Division of Indian Head Industries, Inc.

TECHNICAL BULLETIN

SUBJECT: Field Replacement of Type 30 - 2.5" Stroke Diaphragm and Clamp Band

1.0 Scope

As part of MGM's continuous improvement philosophy, MGM has introduced a new, patented Type 30, 2.5"/64mm stroke "Easy-Fit" diaphragm design and an improved Type 30 clamp band.

2.0 Features and Benefits

The new, patented Type 30 "Easy-Fit" diaphragm, part number 8017730, was designed to provide:

- Longer life (2 to 3 times greater cycle life).
- Improved fit ("Easy-Fit") by helping to center the diaphragm with the other components.
- Reduced probability of leakage by increasing the clamping force when used with the new Type 30 clamp band.
- Easier field replacement when servicing Type 30, 2.5"/64mm stroke service chambers and spring brakes.

3.0 Diaphragm Replacement

MGM recommends that customers **always** use new MGM diaphragms, clamp bands and clamp band bolts when servicing MGM actuators. MGM provides kit part number 9017002 containing both the new 8017730 "Easy-Fit" diaphragm and the improved 8216045 clamp band with clamp band bolts for use in servicing Type 30, 2.5"/64mm stroke actuators.

MGM recognizes that new clamp bands and clamp band bolts are not always used when replacing the diaphragm. Therefore, to ensure compatibility of parts when servicing Type 30, 2.5"/64mm stroke actuators, replace the diaphragm as follows:

- Locate the part number embossed on the diaphragm.
- If the diaphragm part number is 8017130 and the user will not replace the clamp band and clamp band bolts at this time, request an 8017130 diaphragm from your local distributor. **Note: Replacement 8017130 diaphragms will only be available from MGM for a limited time. After December 2003, the 9017002 kit must be purchased.**
- If the diaphragm part number is 8017730, the unit is already equipped with the new diaphragm design and improved clamp band. If the clamp band and clamp band bolts are not being replaced, request an 8017730 diaphragm from your local distributor.

4.0 Implementation

The implementation will be handled as a running change.

Should you have any questions, please contact your MGM Sales representative or the Corporate Sales Office at 1-800-527-1534.