PEDAL ACTUATED
Reverse Modulating
Brake Valve

Service Instructions

DISASSEMBLY
(Refer to Figure 1)

1. Remove one e-ring (1) from pin (2) and remove pin (2).
2. Separate the valve assembly from base (9) by removing two cap screws (4) and lock washers (3).
3. Remove two studs (5) and separate bracket (10) from base (9).
4. Loosen set screw (6) and remove pin (7) from bracket (10) and clevis (8).
5. Any further disassembly is unnecessary unless there is damage.

ASSEMBLY
(Refer to Figure 1)

NOTE
Before assembly, clean and lubricate pins (2 & 7) and bearing pins on studs (5) with good quality polymer base moly grease.

1. Thoroughly clean bracket (10), base (9), and all other components and allow to dry before proceeding.
2. Install pin (7) in pedal (10) and clevis (8). Position pin (7) so flat on pin is aligned with set screw (6). Torque set screw (6) 8.5-9.6 N·m (75-85 lb·in).
3. Apply one drop of Loctite 242 to the threads of studs (5). No Loctite allowable on bearing pin of studs (5). Attach bracket (10) to base (9) using studs (5). Torque studs (5) 47.5-61.0 N·m (35-45 lb·ft).
4. Attach clevis (8) to valve push rod using pin (2). Install e-ring (1) on pin (2).
5. Install cap screws (4) and lock washers (3). Torque cap screws (4) 29.8-36.6 N·m (22-27 lb·ft).

NOTE
If cap screw (11) or nut (12) are loosened or removed, they must be reset properly. With all parts assembled, adjust screw (11) to allow the valve spool to fully release. After adjustment is made, torque nut (12) 27.1-33.9 N·m (20-25 lb·ft).

This document is intended to provide general information about MICO Products. MICO, Inc. has attempted to present accurate information about MICO Products in its catalogs, brochures, and other printed materials. MICO, Inc. is not responsible for errors, inaccuracies, or inconsistencies that may exist in any catalog, brochure, or other printed materials or any damages arising from or related to reliance on information in them. Materials and specifications for MICO Products set forth in catalogs, brochures, and other printed materials are subject to change without notice or obligation. Refer to www.mico.com for the most recent versions of our literature. If you have any questions concerning MICO Products, please contact MICO, Inc. All MICO Products and service are sold and provided subject to the MICO Warranty at www.mico.com in effect on the date of sale or supply.

MICO is a trademark and registered trademark of MICO, Inc. MICO is registered in the U.S. Patent and Trademark Office as well as in Australia, Canada, Indonesia, Japan, People’s Republic of China, South Korea, and the European Community.

MICO, Inc.
1911 Lee Boulevard / North Mankato, MN U.S.A. 56003-2507
Tel: +1 507 625 6426  Fax: +1 507 625 3212

www.mico.com