

MASTER CYLINDER

Service Instructions

MICO[®]

a **WABCO** company

Model Number	Repair Kit Number
04-020-097	04-001-025

NOTE: If your product number is not listed, please call MICO, Inc. for information.

DISASSEMBLY

1. Remove push rod (1) and boot (2) from housing (8).
2. Remove retaining ring (3). **NOTE: Retaining ring is under tension of spring assembly (6).**
3. Remove piston assembly (4), cup (5), spring assembly (6), and seat (7) from housing (8). Note direction and order of components.
4. Remove cover (10) from housing (8).
5. Remove diaphragm (9) from cover (10).

ASSEMBLY

LUBRICATE ALL RUBBER COMPONENTS FROM REPAIR KIT WITH CLEAN TYPE FLUID USED IN THE SYSTEM.

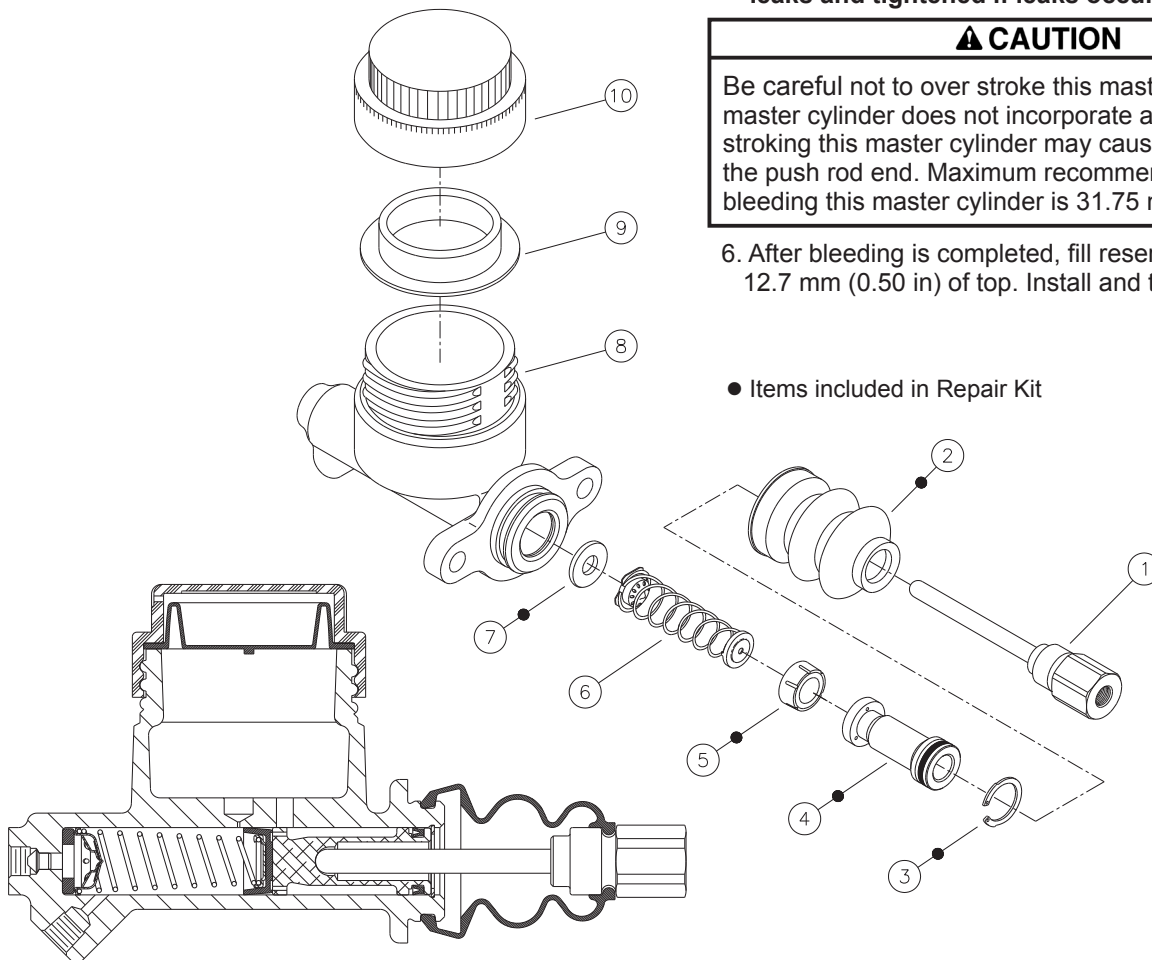
1. Clean all parts thoroughly before assembling.
2. Install new seat (7), spring assembly (6), new cup (5), new piston assembly (4), and new retaining ring (3) in housing (8). Note direction and order of components.
3. Install new boot (2) and push rod (1) on housing (8).
4. Install diaphragm (9) in cover (10) and install cover (10) on housing (8).
5. Install the master cylinder on the vehicle and connect the fluid lines. Connect the push rod. Fill reservoir and bleed the system of air. See MICO form 81-001-002 instructions to bleed the master cylinder. Refer to the manufacture specifications to bleed the vehicle brake system. Tighten fittings if leaks occur. Make several applications to be sure the master cylinder is working properly. **NOTE: All fittings must be inspected for leaks and tightened if leaks occur.**

CAUTION

Be careful not to over stroke this master cylinder. The master cylinder does not incorporate a piston stop. Over stroking this master cylinder may cause it to leak from the push rod end. Maximum recommended stroke for bleeding this master cylinder is 31.75 mm (1.25 in).

6. After bleeding is completed, fill reservoir to within 12.7 mm (0.50 in) of top. Install and tighten cover.

● Items included in Repair Kit



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, Peoples 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