

MASTER CYLINDER



Service Instructions

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

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.

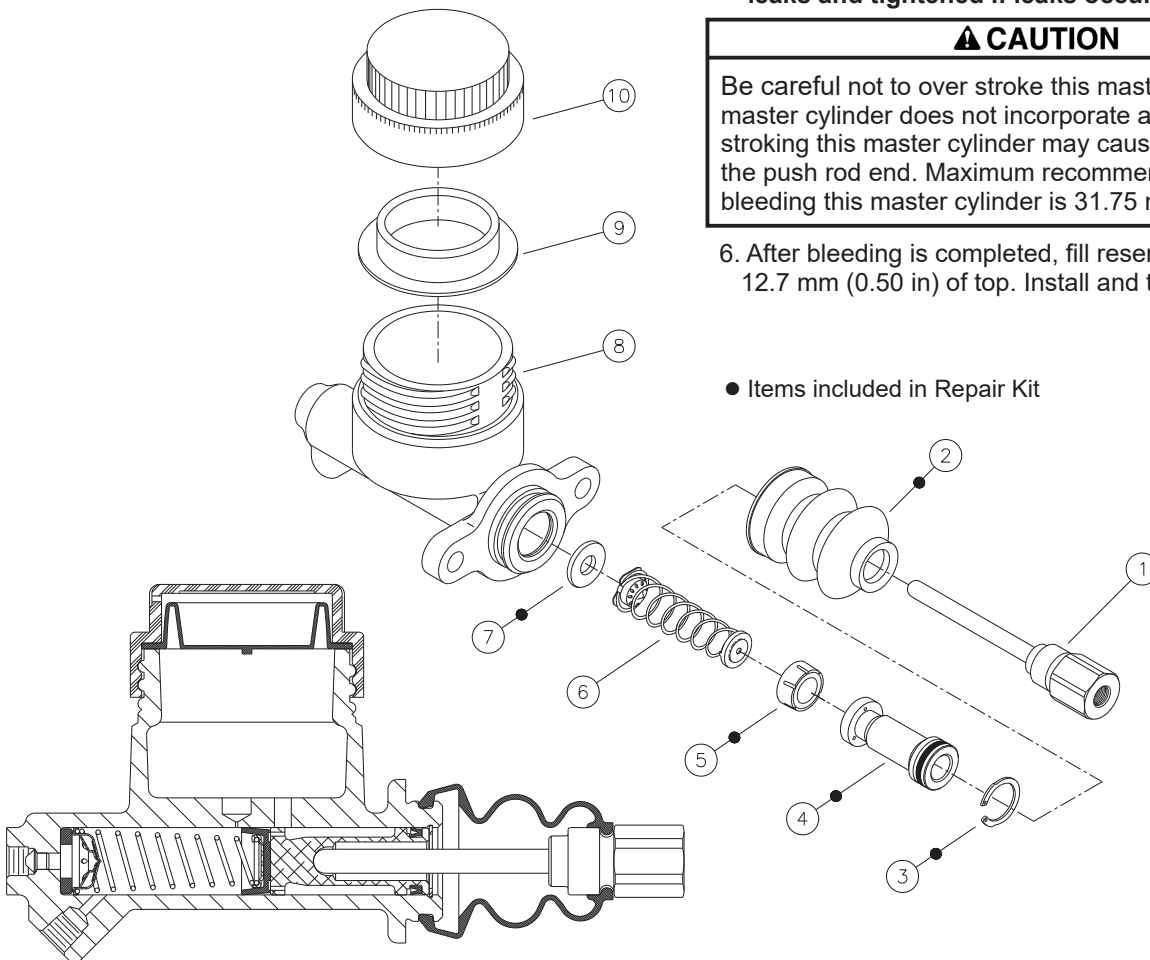
1. Clean all parts thoroughly before assembling.
2. Install new seat (7), spring assembly (6), new cup (5), new piston assembly (4), and new retaining ring (3) in housing (8). Note direction and order of components.
3. Install new boot (2) and push rod (1) on housing (8).
4. Install diaphragm (9) in 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 form no. 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



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