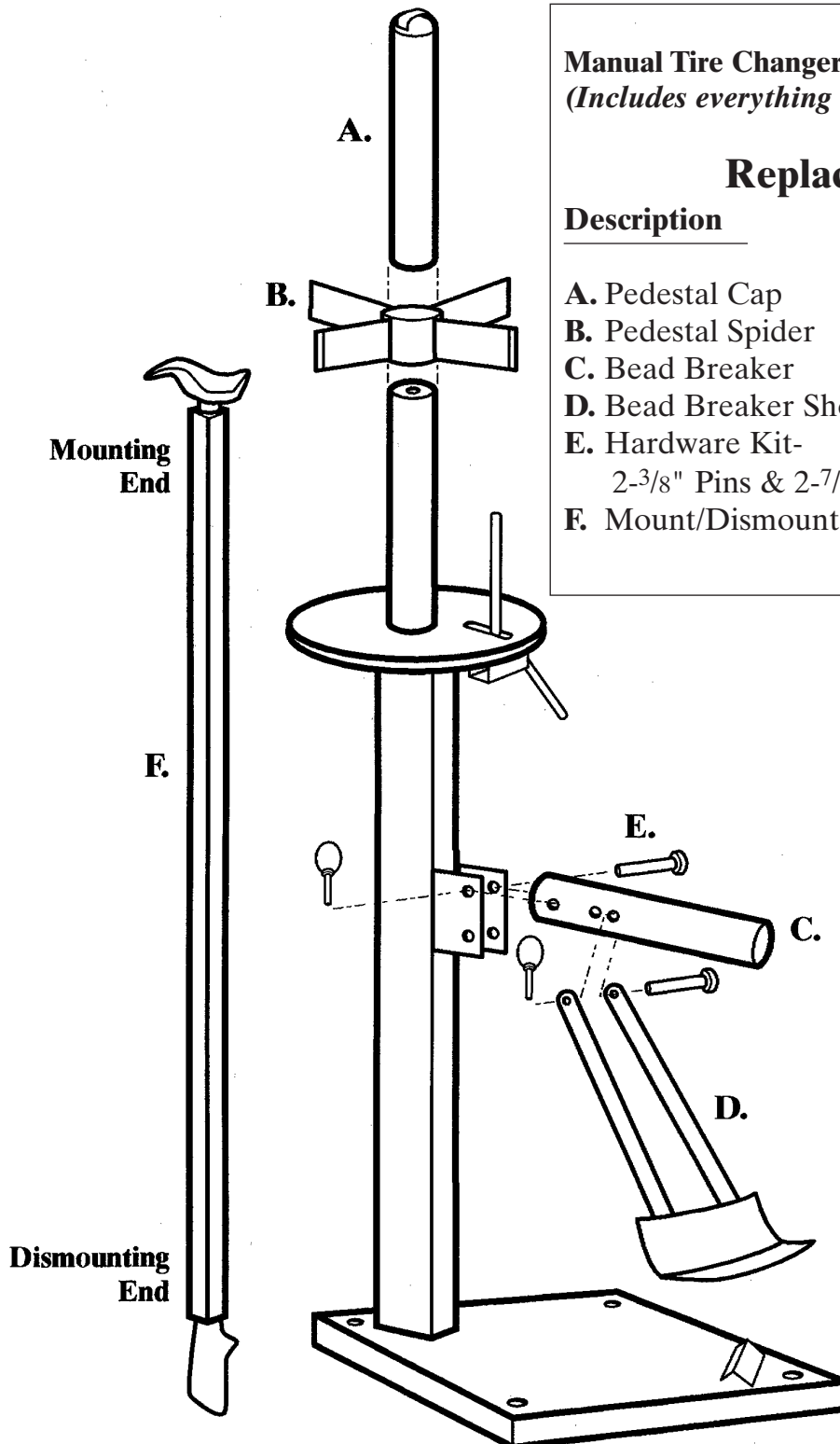


Instructions For Manual Tire Changer

Manual Tire Changer **Item No. MX50**
(Includes everything shown)

Replacement Parts List

<u>Description</u>	<u>Item No.</u>
A. Pedestal Cap	MX10
B. Pedestal Spider	MX20
C. Bead Breaker	MX30
D. Bead Breaker Shoe	MX40
E. Hardware Kit- 2-3/8" Pins & 2-7/16" Clevis Pins	MX45
F. Mount/Dismount Bar	DBT37

Operating Instructions For Gempler's Manual Tire Changer

Bead Breaking

1. To begin breaking the bead from the rim, lay the tire flat on the corner of the pedestal base. The triangular stop is used to keep the rim from sliding forward when downward pressure is applied to loosen the bead.
2. Insert the flat end of the mount-dismount bar into the bead breaker handle. Position the breaker shoe on the tire against the edge of the rim. Adjust the height of the bead breaker handle and shoe in three places to accommodate different tire sizes.
3. Leverage applied downward on the bar will force the bead off the rim. If the bead does not break on the first try, turn the tire and try it again at several different spots on the rim breaking the bead a little at a time.
4. Repeat the procedure on the opposite side of the tire.

Dismounting and Mounting Tires

Dismounting:

1. After the bead is broken, place the tire on the pedestal with the valve stem facing up, and the guide pin protruding through the lug hole of the rim.
2. Slide the spider over the pedestal.
3. Screw the pedestal cap onto the pedestal tightly by hand. Place the flat end of the dismount tool through the top of the cap and tighten the cap down more if needed.
4. Once the tire is securely held in place, insert dismount end of the bar in between the tire bead and the rim. Pull back on the bar holding it at about a 30° angle.
5. Pull the bar against the pedestal, working your way around the tire, dismounting the top bead. Remove tube from tire or proceed if tubeless.
6. Pull the tire up towards the top bead to make it easier to place the bar between the bottom tire bead and rim. Repeat the procedure on the bottom bead.

Mounting:

7. To mount the tire on the rim, lay the tire up on top of the rim. Lube beads.
8. Hook the mount-dismount bar over the edge of the rim. While holding the bar in place, pull the edge of the tire over the edge of the rim at the place the bar is hooked. Position the bead so it will slide across the flat spot on the top of the hook.
9. Apply pressure, pushing the tire downward against the rim with one hand and with the other hand start to pull the bar clockwise around the pedestal until the bead starts to mount onto the rim. Continue around the rim until the tire mounts over the edge of the rim.
10. Install tube if needed.
11. Repeat the procedure on the second bead to completely mount the tire. If the tire bead starts to seat on the rim while you are mounting the tire, the tire will have to stretch more and it will be harder to mount. Simply push down on the tire so it doesn't seat on the upper edge of the rim during mounting.
12. *Important:* The bead moving across the top of the tools keeps the bar hooked on the edge of the rim.

A Few Tips:

1. Use an adequate amount of rubber lubricant during all operations. This will make bead breaking and mounting and dismounting easier, and will reduce bead chunking when dismounting a dry bead.
2. ATV tires are difficult to change. The beads can be tough because of the small diameter of the center of the tire and having a bead lock wheel. The tires are soft and bend easily when trying to break the bead. If the bead breaker slips off the tire, hold it in place and turn the rim a little at a time. Force lubricant between the rim and tire to make the tire slide off easier. We recommend using our ATV Bead Breaker Shoe (Order No. AB12 \$24.50 ea.) to simplify dismounting ATV tires. This shoe is only 2 1/2" wide which applies more downward driving force on the bead.