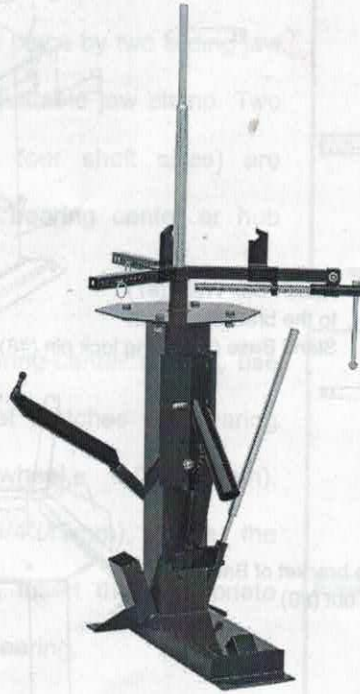


MULTI TIRE CHANGER

Owners Manual and Operating Instructions

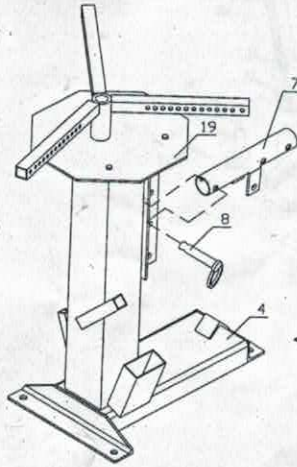


OWNER AND/OR OPERATOR RESPONSIBILITY

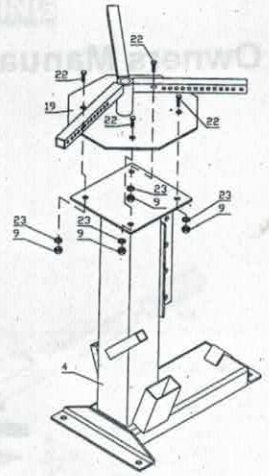
1. It is the owner/operator responsibility to study all WARNINGS, operating, and maintenance instructions contained on the product label and instruction manual prior to operation of this unit. The owner/operator shall retain product instructions for future reference.
2. The owner and/or operator shall have an understanding of the product and safety operating instructions before operating. Safety information shall be emphasized and understood. If the operator is not fluent in English, the product and safety instructions shall be read to and discussed with the operator in the operator's native language by the purchaser/owner or his designee, making sure that the operator comprehends their contents.

ASSEMBLY INSTRUCTIONS

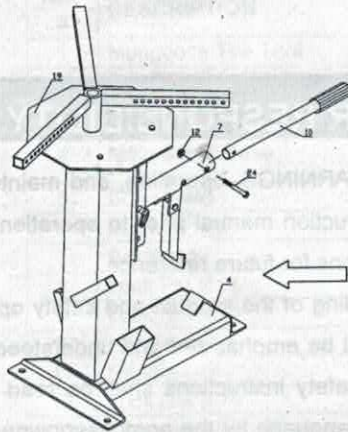
1. Attach Jaw Frame Weldment (#19) to Main Stand Base (#4) using bolts (#22), lock nuts (#9) and washers (#23).



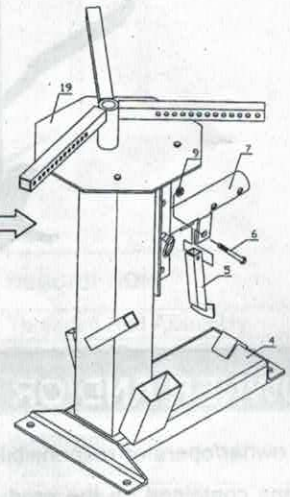
2. Attach Bar Weld (#7) to the bracket of Main Stand Base (#4) using lock pin (#8).



3. Attach Shoe Weld (#5) to the bracket of Bar Weld (#7) using bolt (#6) and lock nut (#9).

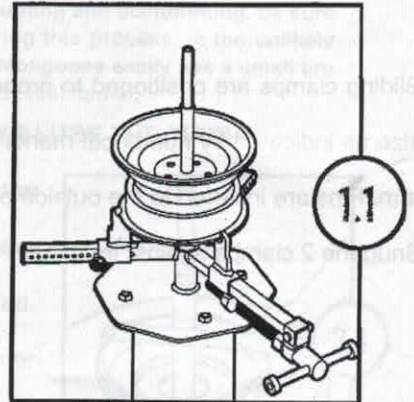


4. Attach Handle (#10) to Bar Weld (#7) using bolt (#24) and lock nut (#12).
Tighten all nuts and bolts. You can operate this machine now.

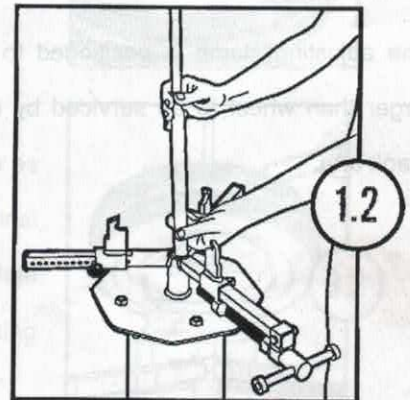


GENERAL INFORMATION

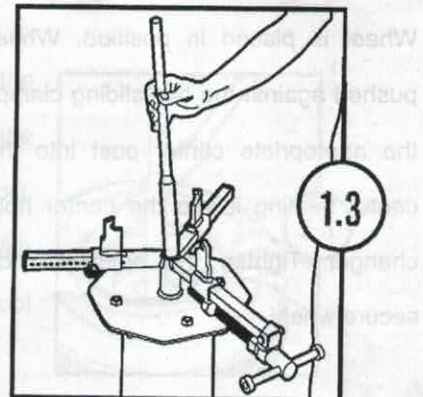
This tire changer will accommodate all wheel sizes 4" (101.6mm) to 17" (432mm) diameter. The wheel is held in place by two sliding jaw clamps and one adjustable jaw clamp. Two center posts (with four shaft sizes) are provided for either bearing center or hub center wheels.



When servicing bearing-center wheels, use the center shaft that matches the bearing size of the wheel, 1/2" (12.7mm), 5/8" (15.9mm) or 3/4" (19mm). Once the wheel is positioned, insert the appropriate post into the wheel bearing.

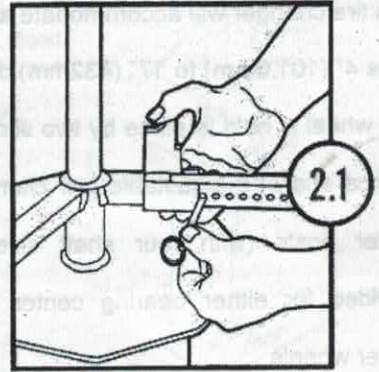


When servicing hub-center wheels the large diameter post is used. Insert post directly into center of arms, once the wheel is positioned.

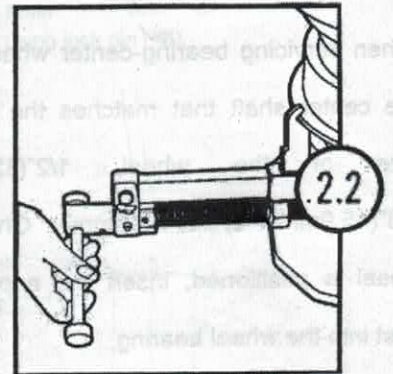


OPERATING INSTRUCTIONS

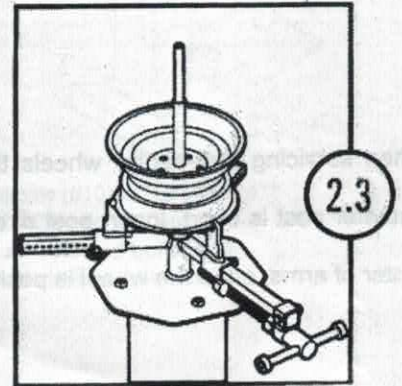
Sliding clamps are positioned to proper wheel size as indicated by numerical marks on each arm. Pins are inserted to the outside of clamps. Snug the 2 clamps against the pins.



The adjusting clamp is positioned to a size larger than wheel to be serviced by rotating crank arm.



Wheel is placed in position. Wheel rim is pushed against the two sliding clamps. Insert the appropriate center post into the wheel center seating it into the center hole of the changer. Tighten the adjustable clamp to secure wheel.

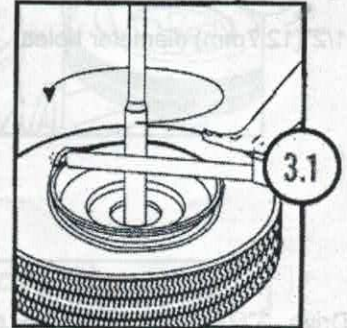


IMPORTANT INSTRUCTIONS

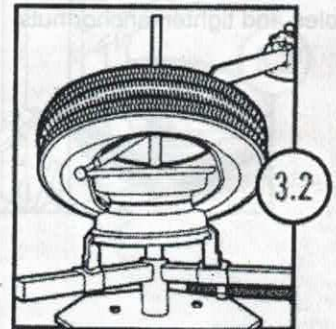
Its important to use a good tire lubricant while mounting and dismounting, be sure that the bead is in the drop center of the rim during this process. In the unlikely event that you encounter difficulty in rotating the Mongoose easily use a small tire iron to spoon the tire around at the point of greatest resistance.

IMPORTANT-ALWAYS LUBE THE TIRE!

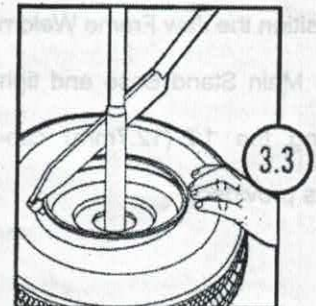
Demount deflated tire using the "rod-end" of the Mongoose tire tool. The ball end is pushed under the top bead and rested on the rim as illustrated. While holding the mongoose against the center post with one hand, and lifting up on the tire with the other, rotate the tool full circle.



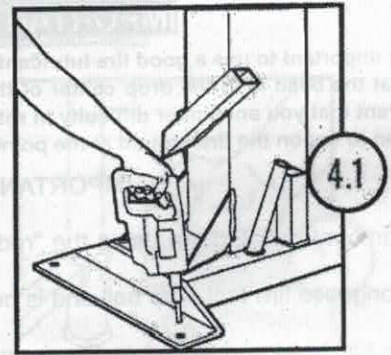
Demount the bottom bead in the same manner as above. The angle of the mongoose tool against the center post can be varied to accommodate operator height or rim depth without affecting ease of operation.



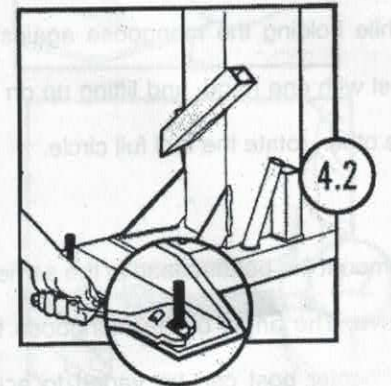
Mounting the tire uses the "flat-end" of the Mongoose tire tool. While applying pressure to the low side of the tire (always facing the operator), place the ball-end between the rim and bead. With the flat side against the center post rotate the tool full circle for both bottom and top beads.



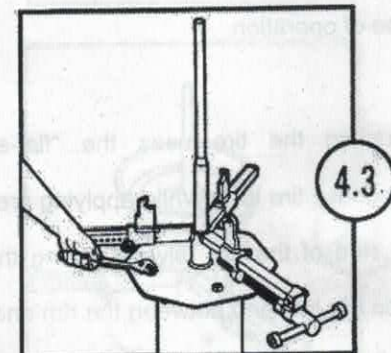
Position Main Stand Frame on floor area as desired. Allow a minimum of 3 feet(914mm) working area on all sides. Align concrete impact drill with holes in base and drill four 1/2"(12.7mm) diameter holes.



Drive 3"(76.2mm) concrete anchors into holes and tighten anchor nuts.



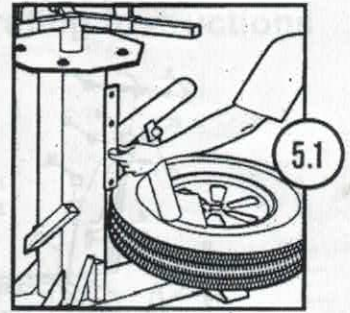
Position the Jaw Frame Weldment on top of the Main Stand Base and tighten securely using the 1/2"(12.7mm) cap-screws and nuts provided.



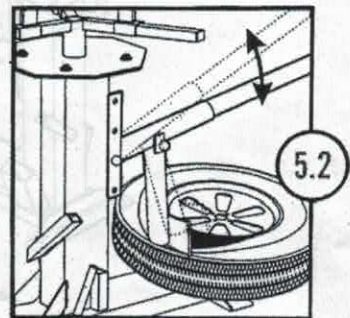
MULTI-TIRE CHANGER PARTS DRAWING

Owners Manual and Operation

Deflate tire and place wheel on locating bar at base of Main Stand Base position bead breaker shoe in bead area and adjust pivot bar on Main Stand Base to proper height.



Insert demount bar into shoe and pry down to break bead. If necessary, turn tire 90 degrees and repeat the process. To break the bead on the other side, turn the wheel over and repeat this step.



QTY	DESCRIPTION	REF.	DESCRIPTION	REF.
1	1. Main Stand Base	1	1. Main Stand Base	1
1	2. Tire Support	2	2. Tire Support	2
1	3. Tire Support	3	3. Tire Support	3
1	4. Tire Support	4	4. Tire Support	4
1	5. Tire Support	5	5. Tire Support	5
1	6. Tire Support	6	6. Tire Support	6
1	7. Tire Support	7	7. Tire Support	7
1	8. Tire Support	8	8. Tire Support	8
1	9. Tire Support	9	9. Tire Support	9
1	10. Tire Support	10	10. Tire Support	10
1	11. Tire Support	11	11. Tire Support	11
1	12. Tire Support	12	12. Tire Support	12

