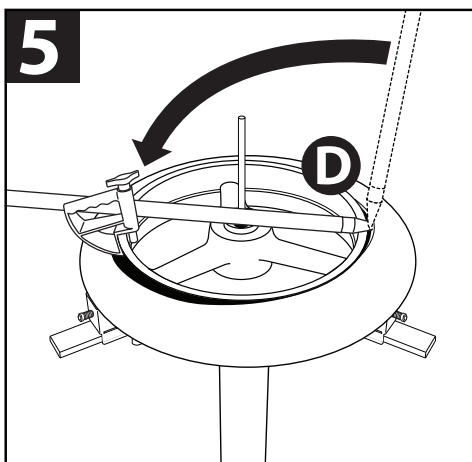
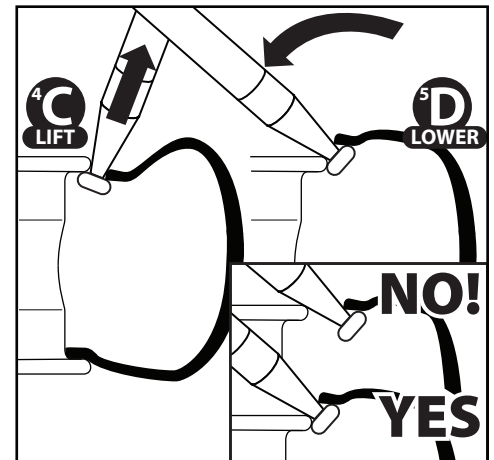
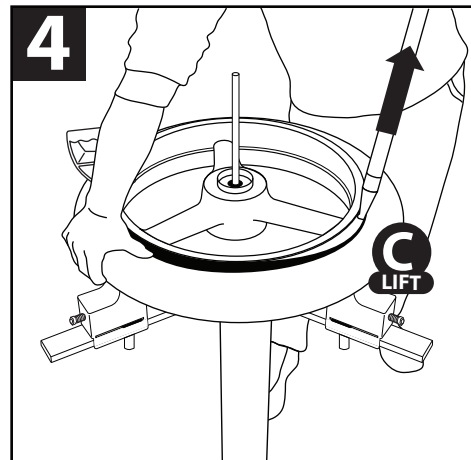
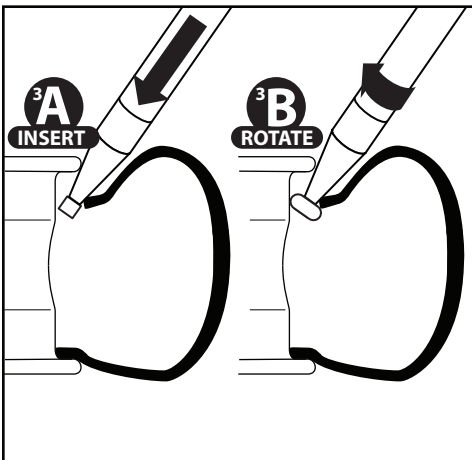
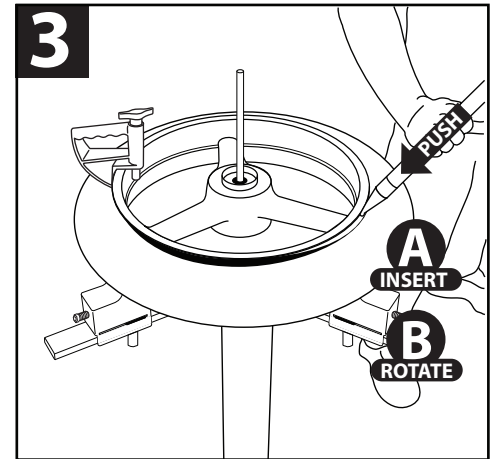
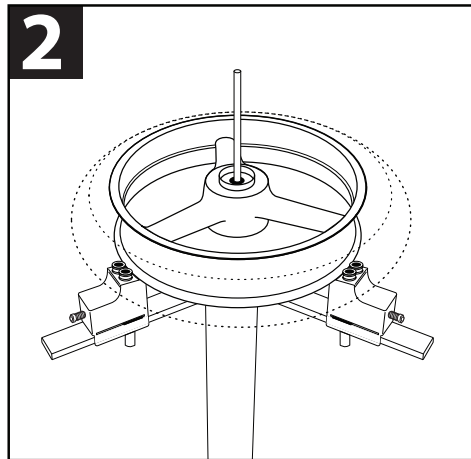
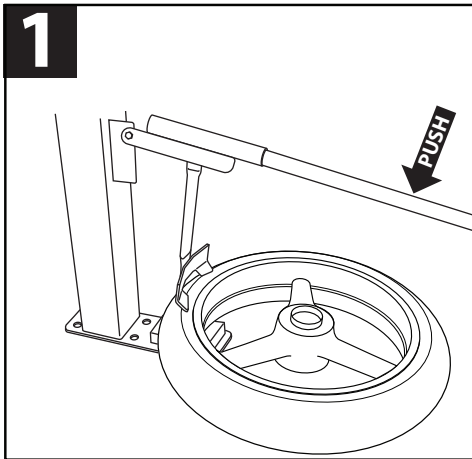


Tire Changing Instructions



- Remove the valve stem core from the valve stem to deflate the tire using a valve stem core wrench.
- Place the wheel on Wooden Block and position the bead breaker over the sidewall of the tire. **(See Figure 1)** *Some users may want to add additional protection for rotors or other objects projecting from the wheel, depending on wheel type.
- Push down on the bead breaker handle until bead breaks free from the rim edge. Rotate the wheel as needed and repeat until bead is completely released on both sides. **(See Figure 1)**
- The wheel can now be clamped into the machine. Insert the Rim Clamps into the appropriate frame arm hole for the size of wheel to being clamped. (Refer to Number System on Frame Arm) Each clamp can be adjusted independently to insure the center post, once inserted into the top of the stand, will align with the hole in the wheel hub. **(See Figure 2)**
- Using the supplied tire lube and spray bottle, spray the tire lube around the bead area of the tire. (See mixing instructions on lube label.)
- Push the Xtra Hand Clamp onto the wheel; this will keep one side of the tire compressed into the Relief Valley/Drop Center of the wheel. You are now able to insert the Demount tip. **(See Figure 3)**

• Insert the demount tip (single tipped end of the mount/demount bar) while keeping the flat side of the tip parallel to the side/edge of the wheel until the end of the tip is below the bead. **(See Figure 3-A)**

• Twist the bar 90 degrees so the lobe of the tip hooks the inside of the tire bead, preventing the tire from slipping off the demount tip when performing the next step. **(See Figure 3-B)**

• Push down on the sidewall of the tire, (near the ExtraHand Clamp, opposite of where the demount tip is now inserted) forcing the bead into the drop center while pulling UP on the bar. **(See Figure 4)**

• Continue to compress the opposite sidewall while pulling up on the bar until the lobe of the tip stops on the edge of the wheel, before laying the bar over the rim. **(See Figure 4-C)** DO NOT LAY THE BAR OVER THE RIM UNTIL THE LOBE IS FULLY LIFTED TO CONTACT THE EDGE OF THE RIM.*

• When laying the bar over the tire will begin to slide in to the Relief valley/Drop center of the wheel opposite of the tip. If this does not happen: Apply more spray lube, opposite the tip, and continue to push the tire down. **(See Figure 5-D)***

*Failure to compress the tire into the Relief valley/Drop center, then draw the lobe of the tip to the edge of the wheel will greatly reduce the life of the demount tip. See our website for additional tools and accessories. www.CycleHillTireChanger.com

Tire Changing Instructions

- Remove Xtra Hand Clamp by pulling up on the plunger and turn clamp body out from under edge of wheel.
- Lift the tire and pull bar clockwise around the rim (towards your chest) until the top side of tire is demounted. **(See Figure 6)**
- With the flat side of the tip resting on the top edge of wheel, lift tire to the end of demount tip while pulling the bar towards body to create an opening for the tip. With the end of demount tip below the bead twist bar 90 degrees for the lobe to prevent the tire from slipping off. **(See Figure 7)**
- Lay the bar over the wheel **(See Figure 8)**. Lift the tire and pull bar clockwise around the wheel (towards body) **(See Figure 6 & 9)**.
- Mounting: Apply the tire lube paste to the Relief Valley/Drop Center and top edge of the wheel. Apply the lube underneath the top bead and along the inside edge of the bottom bead **(See Figure 10)**.
- Push the first (bottom) bead of the tire onto the wheel. **** (See Figure 11)**
- Push the double tipped (mount) end of the bar between the tire and wheel until the lobe of the tips are hooked under the top edge of the wheel. **(See Figure 12)**
- Continue to push down on the tire while walking back towards the demount end of the bar. **(See Figure 12-A & 12-B)**
- Step around to the other side of the bar; grab the bar handle with right hand with arm straightened and pull handle towards body while pushing the bar around (clockwise) using left hip, while left hand continues to push (and keep) the bead of the tire in the Relief valley/Drop Center area of the rim. **(See Figure 13)**

***Heavy cruisers and dirt bike type tires will require use of spoon bars or tire irons to install top bead. See our website for additional tools and accessories.
www.CycleHillTireChanger.com*

