



Mount/Demount Bar Box 'A' Assembly Instructions

Step 1:

Remove Mount/Demount Bar and "Lube" Box from the main box.

Step 2:

Open the "Lube" Box and remove the Zip Bag containing the Mount/Demount Handle, Spare Demount Tip, and 5/32" Hex ("Allen") Wrench. Remove the Mount/Demount Handle and the 5/32" Hex ("Allen") Wrench from the Zip Bag. Set the Spare Demount Tip aside in a safe place.

Step 3:

Identify the parts of the Mount/Demount Bar as follows:



Step 4:

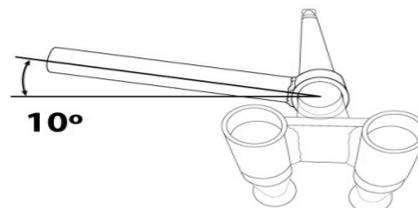
Install the Mount/Demount Handle over the Demount End of the bar, and slide it up until the handle is over the "Install Handle Here" decal (approximately 6 inches from the Mount End of the bar if the decal has become dislodged or damaged). The handle collar should completely cover the decal.

Step 5:

Lay the Mount/Demount Bar on a table or other flat surface with the two round ends of the Demount Tips facing down (the bar should incline from the Demount End to the Mount End as it sits on the table).

Step 6:

Align the handle so that it is at approximately a 10-degree angle higher than the bar as shown (and with the handle collar still covering the handle decal) and hold it in this position:



Step 7:

Using the 5/32" Hex ("Allen") Wrench, firmly tighten the two set screws on the handle.

Step 8:

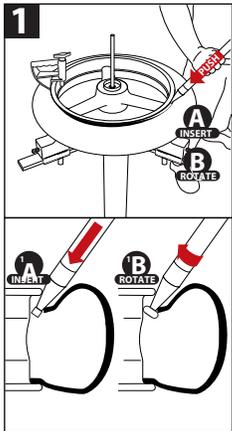
Follow the mixing instructions on the pint of Tire Lube Paste included in the "Lube" Box to fill the empty spray bottle with diluted tire paste for use as a super slick spray demounting lube.

Congratulations, your Mount/Demount Bar assembly is complete! Please see the opposite side for Usage Guide and tips. Make sure to visit our video library for tire changing demonstrations and technique!



Mount/Demount Bar Usage Guide

Tire Demounting

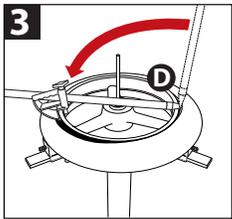


1 Ensure that the tire has been deflated and the bead fully broken on both sides, and that the wheel is properly clamped in the tire machine. Using the spray bottle containing the diluted mixture of Tire Lube Paste and water, liberally spray the tire lube around the bead area of the tire. (See mixing instructions on lube paste label.)

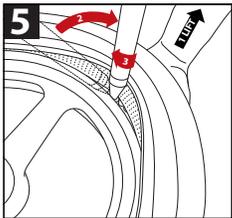
2 If available, install an XtraHand® Clamp or other bead depressor tool at approximately the 2 o'clock position to help keep the tire bead depressed into the Relief Valley/Drop Center of the wheel and aid in inserting the Demount tip. (See Figure 1)

Starting around the 6 o'clock position, insert the demount tip using a pushing motion 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 and at approximately the 8 o'clock position. (See Figure 1-A)

Twist the bar 90 degrees so the lobe of the tip hooks the inside of the tire bead. (See Figure 1-B) Hold the bar in position with your left hand.

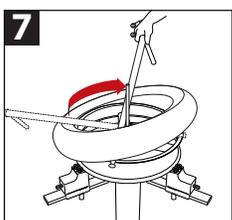


3 When laying the bar over, the tire should begin to slide in to the drop center of the wheel opposite of the tip. If this does not happen apply more spray lube opposite of the tip and continue to push the tire down. (See Figure 3-D) Install/position the center post through or engaged into the bearing/hub while keeping the bar on the far side of the center post.



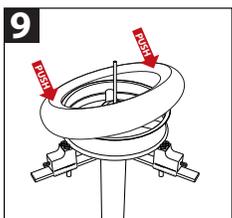
5 With the flat side of the tip resting just below the outside of the top edge of wheel at approximately the 8 o'clock position, lift bottom bead of tire to the end of demount tip while pulling lower bead towards your body to create an opening for the tip. You may need to rock the bar towards you (See Figure 5-2) slightly to get the lobe of the tip below the lower bead (again, **DO NOT PRY!**)

Once the end of demount tip is below the lower bead twist bar 90 degrees for the lobe to prevent the tire from slipping off. (See Figure 5-3)



7 Lift the tire below where the demount tip is located and pull bar clockwise around the rim (towards your chest) until the top side of tire is demounted.

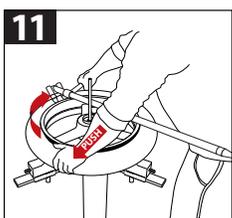
This is a good time to note tire rotation in relation to the wheel before discarding old tire!



9 Push the first (bottom) bead of the tire onto the wheel. (See Figure 9) Most tires should not require any tools to push the lower bead fully on to the wheel.

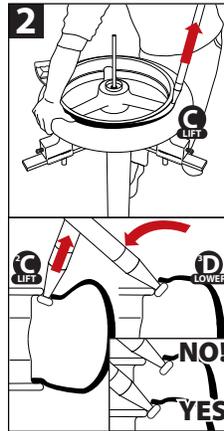
Begin pushing the front half of the top bead on to the wheel starting at the 6 o'clock position and working your way out towards the 9 and 3 o'clock positions.

If using a bead keeper, this would be a good time to install it around the 3 to 4 o'clock position with the handle facing towards the center of the wheel. With some difficult tires, installing bead depressor blocks (or smooth hardwood blocks) between the top bead and wheel where the tire is now mounted can help with Steps 10 and 11.



11 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 wheel. (See Figure 11)

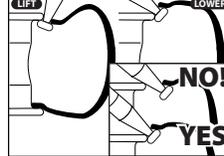
**Some tires such as Gold Wing, adventure, knobbies and others may require the use of tire irons or spoons (Such as our non-marring SpoonBars®) to mount (or finish mounting) the upper bead.*



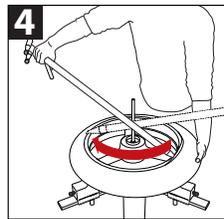
2 Using your right hand, push down on the sidewall of the tire (near the XtraHand® Clamp or other bead depressor tool if using) opposite of where the demount tip is now inserted to keep the bead in the drop center during Steps 2 and 3*.

Pull straight UP on the bar using your left hand. (See Figure 2-C) **DO NOT PRY!!! The Mount/Demount Bar is not a pry bar!!! Tire beads do not stretch! Prying will result in tip breakage which is not covered under any warranty.**

**Failure to compress the tire into the Relief valley/Drop center while drawing the lobe of the tip to the edge of the wheel will greatly reduce the life of the demount tip.*

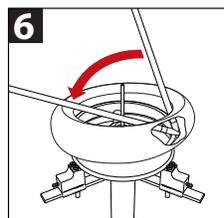


Continue to compress the opposite sidewall while pulling straight up on the bar until the lobe of the tip stops on the edge of the wheel. (See Figure 2-C) You may need to "wiggle" or rock the bar slightly while pulling up to help the tip get up to the edge of the wheel. Once the tip has reached the edge of the wheel as shown in Figure 2-C, begin to lay the bar down over the wheel. (See Figure 2-D)



4 Remove the XtraHand® Clamp by pulling up on the plunger and turn clamp body out from under edge of wheel. Leaving an XtraHand® Clamp installed during demounting can result in damage to both the clamp and wheel.

Lift the tire below where the demount tip is located and pull bar clockwise around the rim (towards your chest) until the top side of tire is demounted. (See Figure 4) If you encounter resistance, additional spray lube may help.



6 Lay the bar over the wheel and re-install/re-position the center post through or engaged into the bearing/hub while keeping the bar on the far side of the center post. (See Figure 6 and Step 3).

Tire Mounting*



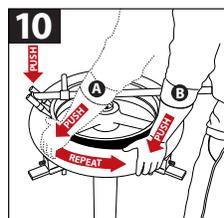
8 Wipe all spray lube from wheel and clean bead sealing surfaces thoroughly. Verify that wheel is still properly clamped in machine.

Using a gloved hand or tire swab, apply Tire Lube Paste to the drop center of the wheel all the way around, and also lube top edge of the wheel between 10 and 2 o'clock.

Apply lube paste underneath the top bead and along the inside edge of the bottom bead (See Figure 8).

Avoid getting lube paste on the bead sealing surfaces as best as possible.

Never use any kind of water-based lubricant for mounting tires.



10 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 10)

Install/position the center post through or engaged into the bearing/hub while keeping the bar on the far side of the center post.

Continue to push down on the tire while walking back towards the demount end of the bar. (See Figure 10-A & 10-B)