

DTMI – Changing Tires

Note: Follow all existing Best Practices unless a change in process is identified in this document which takes precedence.

Steps to Mounting with the TC35

1. Keep hands and fingers away from rollers and other machine components
 2. Remove air from the tire completely
 3. Line up the rollers to the bead area
 4. Brake bottom bead of the tire and lube (Note: Wheel should move counterclockwise.)
 5. Break the top bead of the tire and lube (Note: Wheel should move counterclockwise.)
 6. Move rollers out of the way
 7. Bring the mounting head down on the wheel
 8. Insert mounting bar to dismount the top bead (Note: Sensor valve should be at 12 o'clock and the wheel should move clockwise.)
 9. Insert mounting bar to dismount the bottom bead (Note: Sensor valve should be at 12 o'clock and the wheel should move clockwise.)
 10. Rebuild the sensor kit or replace the valve
 11. Lube new tire
 12. Mount bottom bead (Note: Wheel should move clockwise, with the valve at 6 o'clock.)
 13. Mount top bead. (Note: Top roller should be 1" back and 1" under the mounting head, with bead press arm pushing down, and valve at 6 o'clock.)
 14. Engage the bead and follow the DTMI Inflating Tires Best Practice
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If Unable to Break the Bottom Bead

Wheel movement on the tulip can prevent the bottom bead from breaking. In most cases you will be able to break the top bead without any issues. Follow the steps below to break the bottom bead:

1. If wet, dry off the barrel of the wheel.
2. Place paper towels on the rubber pads to increase the grip.
 - a. Ensure that the rubber pads on the tulip are not damaged. Look for cracks or missing chunks. Contact your local Hunter Rep to replace them when necessary.
3. If Step 2 fails, drop down the bead press arm on the center bore of the wheel. Only apply adequate pressure to hold the wheel in place, do not max out the pressure.
 - a. If a chrome clad wheel, skip this step and go to Step 4.
4. Break the bottom bead in reverse mount. Follow the steps below:
 - a. Break the top bead
 - b. Remove the wheel from the mounter
 - c. Set up the Tulip for reverse mount
 - d. Place the wheel on the reverse mount feet gripping the tip lip of the wheel
 - e. Continue to break the bottom bead with the top roller.
 - f. After all beads have been broken remove the wheel from the tulip
 - g. Set the tulip up as standard mount
 - h. Continue with dismounting the tire

If assistance is needed, please call the Tech Support Hotline (888)718-5629

Whys

- Completely airing down the tire before breaking the beads reduces strain on the changer and prevents impact noise inside the van.
- Breaking the bottom bead first allows the top roller to help secure the wheel on the tulip. This helps prevent wheel slippage.
- Moving the wheel in the correct direction during mounting and dismounting will prevent the top roller from wear and tear.
- Wet wheels increase the likelihood of wheels slipping
- The rubber pads are a wearable item. They will need to be replaced periodically.
- These steps will prevent the need to cancel the job or take the wheels back to your store to dismount.