



Installation Procedure and Care & Use Tips

The Inner Circle Sealing Ring System is designed to utilize the bead area of the tire in order to establish a quick uniform seal. The Inner Circle works with "extended skirt" envelopes used in "rimless" or Arc system precure retread shops.

Correct Installation Procedure for Sealing The Envelope:

1. Select the correct ring diameter by matching the ring with the inside diameter or "rim size" of the tire.
2. With the envelope on the tire make sure the skirt edge extends past the bead toe by at least a $\frac{1}{2}$ " all the way around the bead.
3. Insert the collapsed ring into the bead opening of the tire such that the envelope is between the exterior ring face and the tire bead face.
4. Rotate the lock handle in a clockwise direction to allow the stop bolt to fit inside the retainer plate on the inside of the ring. On the first use you may have to hand adjust the sizing bolt so that it fits into the retainer plate.
5. With the size adjustment bolt rested inside the retainer plate take the cast lockdown handle and pass it counter clockwise over the center pressing the bolt against the retainer plate. A click will be heard and this action will lock the ring into place creating a bead area seal. Note: The length and ergonomic design of the cast lockdown handle is such that the user will have the proper amount of leverage to lock the ring into place *without* the use of a "cheater bar" or handle extender.

Care & Use Tips:

- Occasionally, the size adjustment bolt may require turning to loosen or tighten the ring. The ring is designed for easy adjustment as the bolt may be turned by hand when not engaged. For ease of adjustment and to maximize bolt life, be sure to disengage the ring when making any bolt adjustment.
- Avoid using a "cheater bar" or handle extender, always adjust the disengaged bolt to loosen the ring if needed. The cast lockdown handle is designed to provide the ideal amount of leverage to lock the ring into place providing a snug fit and proper seal.
- Rings should be stored in a rack or stacked neatly when not in use.
- Although Inner Circle sealing rings require very little attention or maintenance it would be wise to inspect your sealing rings whenever you perform regular shop maintenance and cleaning. Preventative inspections and care will help ensure a long life out of your sealing rings.

