



INNOV8
RACING INC.™

BEADLOCK INSTALLATION INSTRUCTIONS

1. Check wheel for clearance and fitment prior to mounting tire. Make sure correct bolt pattern applies. No credit will be issued on mounted wheels, mounting this wheel means you own it.
2. Install the valve stem then mount tire from beadlock side only. Use tire mounting lube on the wheel and tire opposite the beadlock to ensure proper seat for the tire. Mount inner bead of tire over wheel like normal. Then seat the outer bead of the tire on the shoulder of the beadlock inner ring on the wheel and center the tire.
3. Place the beadlock ring on the tire, aligning it with the bolt holes in the inner beadlock ring.
4. Before installing the hardware, lubricate the beadlock bolts with anti-seize or grease.
5. All bolts should be started by hand to avoid cross threading. Impact wrenches are not recommended for installing or tightening bolts due to the possibility of over or under tightening.
6. Tighten the bolts in a criss-cross pattern, a few turns at a time, to ensure even pressure on the bead lock clamp ring. Follow the steps below for exact torque specs for your wheel.
7. **Tighten all of the bolts to 6 - 8 ft/lbs.** Check that the tire is still centered on the rim at this point. Measure the gap between the inner and outer beadlock rings. The measurement should be approximately 3/16" – 1/4". If your measurement is within this spec please continue installing the beadlock following the instructions. If the measurement is not within the supplied spec, please call Innov8 Racing immediately before continuing.
8. **Tighten all of the bolts to 12 - 14 ft/lbs.** Measure the gap in between the inner and outer beadlock rings. The measurement should be approximately 1/8" or less. If your measurement is within this spec please continue installing the beadlock following the instructions. If the measurement is not within the supplied spec, please call Innov8 Racing immediately before continuing. You may need to install a Beadlock Shim Kit.
9. **Tighten all of the bolts to 20 - 22 ft/lbs.**
10. At this point, the outer beadlock clamp rings should be pulled down to meet the inner bead lock ring. Do not be surprised if the outer bead lock ring has FLEXED SLIGHTLY to match the tire's bead bundle. This is normal.
8. Inflate tire to seat inner bead on wheel. Always use safe practices, such as a tire safety cage and clip-on air chuck with extended whip hose and a remote pressure regulator. Never under any circumstances exceed tire or wheels recommended air pressure, or 25 psi, whichever is lowest. Over inflation could lead to serious injury or death.
9. Beadlocks are not maintenance free. After the first 100 miles of driving, and every subsequent 250 miles, you will need to re-torque the beadlock bolts. To re-torque the beadlock bolts, raise the vehicle and remove the valve core from the valve stem, releasing all of the air from the tire. In a criss-cross pattern confirm that all of the beadlock bolts are torqued to the correct specification as listed above. Repeat process for every wheel. Furthermore, the beadlock hardware on every wheel should be replaced annually, whenever new tires are mounted, or after extreme use.

WARRANTY

- If your Innov8 Racing Inc. product is defective in material or workmanship and you return it to us within one year from the date of purchase, we will replace it or, at our option, repair it at no charge to you.
- The warranty does not cover any damage caused by accident, misuse, failure to follow installation and operation instructions, misapplication, alteration, or attempted unauthorized repair service by anyone other than Innov8 Racing Inc.
- The warranty only applies to original purchasers of Innov8 Racing merchandise and is non transferrable.

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