

Thank you for choosing Baja Built Race Wheels

It is essential to understand that true beadlock wheels are engineered primarily for off-road use. Please check with your local government road and transport authority if you are allowed to use them on the street or highway driving.

Professional Installation Required

Entrust the installation to a seasoned tire and wheel expert. Any deviation from a professional setup could result in undesirable consequences. Please do evaluate if you are personally experienced enough to carry out the installation yourself. An improper installation can spell trouble, and we want you to have a blast out there, not headaches!

The Installation Process

1. Valve Installation

Carefully install and secure race-approved valve stems into each wheel (not included). Exercise caution; tighten it until the rubber gasket shows a very slight bulge, avoiding over-tightening.

2. Proper Foundation

Position the wheel, face up, on a stable, flat surface or utilize a reputable tire mounting machine. We're setting the stage for precision.

3. Lubrication and Precision

Apply a generous amount of tire lubricant to the rear bead of your tire. This will facilitate a smooth and precise fitting.

4. Tire Placement

Position the tire on the wheel's face, exerting firm pressure while employing a controlled rocking motion. This technique ensures the rear bead gracefully maneuvers over the front flange onto the rear safety hump.

5. Alignment Perfection

Ensure the tire and wheel align seamlessly, with the front tire bead securely resting against the front flange of the wheel.

6. Beadlock Ring Installation

The time has come for the beadlock ring. Align the holes meticulously and firmly press it against the tire.

A specialized beadlock spacer may be required on certain tires with thicker beads.

7. Bolt Securing

Commence with bolt installation at the 12 o'clock position, utilizing a washer. Hand-tighten it, and continue this process at the 3 o'clock, 6 o'clock, and 9 o'clock positions.

8. Precise Hardware Application

Proceed with the remaining hardware, ensuring that hand-tightening remains the standard. Vigilantly monitor the gap between the ring and wheel to maintain uniformity.



9. Torque Application

It's time for precision. Employ a torque wrench and apply torque to each bolt using a diagonal pattern. **The target range is 10-14 lb/ft.** Maintain equilibrium throughout.

10. Secondary Torque Application

Initiate a second pass, beginning at the 12 o'clock position and working diagonally. **Achieve 18-24 lb/ft for each bolt.** There should be no gaps between the wheel and ring; validate this using a feeler gauge.

IMPORTANT NOTE: OVERTIGHTENING THE BOLTS MAY LEAD TO BOLT FAILURE WHICH MAY RESULT IN SERIOUS INJURY.

11. Tire Inflation

Inflate the tire cautiously, **adhering to a maximum of 40 PSI.** This will ensure that the rear bead seats securely, guaranteeing a stable fit.

12. Leak Verification

Before embarking on your off-road journey, meticulously inspect for leaks. Utilize a soapy water solution or a dunk tank to reveal any potential issues.

13. Post-Adventure Maintenance

Following your initial off-road venture (limited to 25 miles), exercise due diligence by re-torquing all bolts to 18-24 lb/ft. It's an essential step to maintain the integrity of your setup.

Now, with your beadlock wheels properly installed, you're poised for a serious off-road adventure! Respect the terrain and drive responsibly.