

# Race-Trim Bead-Lock Wheel Instructions

- Race-Trim Bead-Lock Wheels are for Off-Road Use ONLY.
- Maximum recommended Air Pressure is 25lbs.

## WHEEL CARE

1. Dirt, brake dust and moisture can cause pitting of your wheels. Regular cleaning will help prevent pitting.
2. Allow wheels to cool down before washing and cleaning.

## CHECK WHEEL FIT

1. Check wheels for fit - front and rear - **before** mounting tires.
  - a. Check that wheel mounts flush to surface.
  - b. Check for proper brake clearance.
  - c. Check for any obstructions that may interfere with the wheel.
  - d. Turn front wheel from lock to lock and check for proper clearance.
  - e. Check clearance to body and suspension components.

## INSTALLATION

1. Bead-Lock Installation:
  - a. Bead lock ring bolt holes and spot face may be at an angle to compensate for ring deflection.
  - b. Use anti-seize compound on bead lock bolts. **DO NOT** use thread locking compounds.
  - c. Torque bead lock bolts to 18 to 20 FT/Lbs. Bead lock ring **MUST** touch wheel surface before applying bolt torque.
  - d. **DO NOT** re-use Bead-Lock Bolts & Washers. Once torques has been applied to bolts, discard and replace with new.
  - e. Bead lock ring bolts, 5/16-18 X 1", Grade 8. Washers 5/16 Hardened.

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## INSTALLATION (cont.)

2. Wheels are machined for a **BALL**-Style Lug Nut Seat. 14mm studs/nuts are recommended.
3. Inspect for proper stud length, thread and lug nut fit. Thread engagement should be at **least** equal to the diameter of the stud.
4. Tighten lug nuts in a star pattern. **Do not** use air or impact wrenches to tighten lug nuts. A torque wrench should be used to ensure proper and uniform torque is applied.
5. Torque lug nuts to vehicle manufacture requirements. Re-torque wheels after 25 miles.
6. Should Bead-Lock threads become damaged, rotate Ring and use the second set of tapped holes.
7. Any/All Wheel repair should be done by a professional.

## TORQUE CHART

Use this chart as a reference for torque and minimum lug nut to lug stud thread engagement. Listed is the number of lug nut turns for minimum thread engagement.

### TORQUE CHART

Thread Size	Torque FT/Lbs.	Lug Nut Turns
12x1.5mm	70 – 80	8
12x1.25mm	70 – 80	9.5
14x1.5mm	85 – 90	9
14x1.25mm	85 – 90	11