

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.

(CONTINUED ON BACK SIDE)

99-3971/0111

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99-3971/0111

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

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