

TRAILREADY STAGE II SIMULATED BEADLOCK WHEEL INSTALLATION PROCEDURES

**THESE INSTRUCTIONS ARE FOR
TRAILREADY SIMULATED WHEEL WITH
THE STAGE II RINGS THAT CAN LATER
BE REPLACED WITH REAL BEADLOCK
RINGS.**

Parts included:

- 1) Wheel
- 2) Aluminum Stage II Ring
- 3) 24 ea. 1" long 5/16" grade 8 bolts
- 4) 24 ea. Plated 5/16" Washers
- 5) 1 ea. Valve stem

Tools Required:

- 1) ½" socket,
- 2) Anti-seize or equivalent

**IMPORTANT NOTE:
BEFORE YOU MOUNT YOUR TIRES TO
THESE WHEELS. CHECK FIT THE WHEELS
TO YOUR VEHICLE AND CHECK FOR
PROPER FIT. CHECK FOR INTERFERANCE
WITH BRAKE CALIPERS. CHECK FOR
INTERFERANCE WITH BRAKE RETAINER
CLIPS AT THE WHEEL STUD AND BALANCE
WEIGHTS ON THE DRUMS.**

Step 1 Installing the Valve Stem

Remove the two nuts, steel washer and one rubber gasket from the valve stem. Install stem in wheel from the outside (finished side) of the wheel. Push on rubber gasket followed by steel washer with the domed side away from the gasket. Thread on one nut and tighten until rubber gaskets begin to bulge. **DO NOT OVER TIGHTEN.** Thread on the second nut and tighten against the first without over tightening the first. Back out and reinstall the valve core to insure it is tight.

Step 2. Before installing the Stage II ring. Tire is mounted on wheel in the typical fashion as another other non bead lock tire wheel combination. Balance as desired.

Step 3. Installing the Stage II Ring.

With the pocketed holes facing away from the tire, index the valve stem relief to the valve stem and center all the clamp holes over the wheel bolt flange holes. Install the 1" bolts using Anti-seize. Torque Bolts to 10 lb. ft.

AFTER YOU MOUNT YOUR TIRES PER THE INSTRUCTIONS PROVIDED MAKE SURE YOUR WHEELS ARE PROPERLY TORQUED TO THE VEHICLE.

Use the dry wheel lug torque values specified in the chart below. Since the vehicle may have been originally equipped with steel or forged wheels, the original specs may not be correct for aftermarket wheels. Since the thickness of an alloy wheel can differ from Original Equipment wheels, also verify that the lug nuts or bolts will engage the threads. Refer to the chart below to determine the number of turns or the depth of engagement typical for your stud or bolt size.

Lug Stud Size	Typical Torque Range Ft/Lbs	Minimum Number of Turns of Hardware Engagement
12 x 1.5 mm	70 - 80	6.5
12 x 1.25 mm	70 - 80	8
14 x 1.5 mm	85 - 90	7.5
14 x 1.25 mm	85 - 90	9
7/16 in.	70 - 80	9
1/2 in.	75 - 85	8
9/16 in.	100-110	8

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