

SAFETY BULLETIN

Wheel Installation Safety: Remember RIST

R Remove Debris

Ensure all rust, debris, and corrosion are removed before inspection.



I Inspect

All components for excessive wear and cracks, replace if needed.



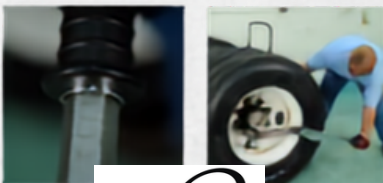
S Lug

Lug nuts in a star pattern.



Torque

The lug nuts to proper specifications.



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Proper wheel installation is critical to preventing wheel-off incidents, equipment damage, and serious injuries. Following the RIST process helps ensure every wheel is installed safely and correctly.



What to Look For:

- Excessive rust or corrosion
- Damaged studs
- Damaged or cracked wheels
- Debris on mounting surfaces
- Worn or damaged lug nuts
- Incorrect components

Rubber Inc. Recommends:

- Wear gloves, safety glasses & work in ventilation.
- Never loosen rim or wheel assembly fasteners on an inflated multi-piece rim.
- Use a wire brush or stud/hub cleaner.
- Inspect the valve hole for damage.
- Use calibrated torque equipment to manufacturer specs.
- Lubricate studs and wheel nuts per manufacturer/TIA specs (e.g., 2 drops of oil on threads and flange washers for hub-piloted wheels). Reason: Proper lubrication is critical to achieving accurate torque and clamping force on hub-piloted wheels.

