DEMOUNTING AND MOUNTING PROCEDURES FOR TUBELESS TRUCK AND BUS TIRES

TIRE AND RIM SERVICING CAN BE DANGEROUS AND MUST ONLY BE PERFORMED BY TRAINED PERSONNEL USING PROPER PROCEDURES AND TOOLS. FAILURE TO READ AND COMPLY WITH ALL OF THESE PROCEDURES MAY RESULT IN SERIOUS INJURY OR DEATH TO YOU AND OTHERS.

PLEASE REFER TO THE SPECIFIC CHARTS FOUND ON THE FOLLOWING PAGES.

CHART 2-8: DEMOUNTING AND MOUNTING PROCEDURES FOR TUBE-TYPE TRUCK AND BUS TIRES

CHART 3-8: MULTIPLE PIECE RIM MATCHING

1. BEFORE SERVICING ANY TIRE/RIM/WHEEL ASSEMBLY

- ALWAYS comply with the procedures on this chart and in the Tire Service Industry’s Strategic, Innovative, Responsible, and Ethical Best Practices Guide to Rims & Wheels.
- Use non-flammable or non-explosive chemical lubricants on the beads and the surfaces to reduce the demounting and mounting efforts.
- Use proper tools for demount or at least time (refer to “Upward Torque Guide”). NEVER use the tire iron assembly – in the tire assembly – to prevent wheel/rim damage and/ or the tire breakdown.
- Always use a radial steel or plastic shaft iron. Slightly impact the tire iron between the bead and the rim flange; make sure the iron is completely over the rim flange. Remove solid flange.
- ALWAYS make sure your feet are clear of the tire and rim components as you attempt to demount or mount.
- Never hammer away at the rim or wheel, especially if you have identified that the tire bead is not seated. Always attempt to inject nitrogen into the tire and attempt to seat the bead.
- Use an Upholstery Seat and a Seat to reduce the risk of injury when using the tire iron to demount a tire.

2. DEFLATING AND DEMOUNTING TIRE FROM RIM/WHEEL ASSEMBLY

- ALWAYS completely deflate the tire assembly before attempting to demount. Remove the valve caps and/or mask, a valve core plug, the air valve, or any other valve plugs.
- Always inspect the tire and wheel assembly before attempting to demount or mount. Always inspect the beads in the tire and the wheel assembly. Always inspect the tire and wheel assembly for any signs of damage, deformation, or other irregularities.
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3. INSPECTING TIRE AND RIM/WHEEL COMPONENTS

- LOOK and FEEL for any damage or split of the tires, wheels, and/ or the bead assembly. You may also visually inspect the tire and wheel assembly for any visible damage or splits.
- Never attempt to inspect any tire or wheel assembly that is split or damaged.
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4. MOUNTING TIRE ON RIM/WHEEL ASSEMBLY

- TUBELESS - SINGLE PIECE

- Always check the tire and wheel assembly for any signs of damage, deformation, or other irregularities. Always inspect the tire and wheel assembly before attempting to mount.
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5. INFLATING TIRE RIM/WHEEL ASSEMBLY

- STEP BY STEP INFLATION PROCEDURES

- ALWAYS check the tire and wheel assembly for any signs of damage, deformation, or other irregularities. Always inspect the tire and wheel assembly before attempting to inflate.
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