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 NOTICE THE FOLLOWING OPTIONS:

CHART 2: DE-MOUNTING AND MOUNTING PROCEDURES FOR TUBE TYPE TRUCK AND BUS TIRES
CHART 3: MULTI-PIECE RIM MATCHING

WARNING

Completely deflate the tires by removing the valve core before removing the tire from the assembly. Do this when the tire is cold. Failure to follow this procedure may result in serious injury or death. Damage to the rim, flange, or other components of the wheel or to the wheel bearings can also result in severe injury or death.

1. BEFORE SERVICING ANY TIRE RIM/WHEEL ASSEMBLY

- ALWAYS comply with the procedures on this chart and in the tire manufacturer's, towing or brake service manuals or other industry and government instructions manuals.
- Use a non-flammable vapor or reusable-based lubricant on the beads and rim surfaces to reduce the dangers of demounting and breaking the beads off.
- Use a proper tool to de-mount and re-mount tires (refer to “Typical Tire Service Tools” on this chart). Never use an object to de-mount or mount the tire that is not specifically designed for the purpose. Always keep a backup reinflation device.
- NEVER use lubricant, grease or other substances on the beads.
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WARNING

NEVER use lubricant, grease or other substances on the beads.

2. DEFLATING AND DEMOUNTING THE RIM/WHEEL ASSEMBLY

ALWAYS make sure the tire is completely deflated before attempting to work on it. Never attempt to work on a tire that is carrying any pressure. Always use a proper tool to remove the tire from the rim/wheel assembly.

WARNING

NEVER use a battery charger on the tire/wheel assembly or any part of your body against, or reach over, the restraining device.

3. INSPECTING THE TIRE AND RIM/WHEEL COMPONENTS

Ensure the tire is well balanced and is visually inspected of the tire.

WARNING

NEVER use any type of oil, grease or other substances on the beads.

4. MOUNTING THE TIRE ON RIM/WHEEL ASSEMBLY

Always use a proper tool to mount the tire. Always use a backup reinflation device. Keep the tire fully inflated when attempting to mount it.

WARNING

NEVER use an air compressor or other equipment to pump air into the tire in a non-restrained manner.

5. INFLATING THE TIRE/WHEEL ASSEMBLY

Never use an air compressor or other equipment to pump air into the tire in a non-restrained manner.

WARNING

Always use a proper tool to mount the tire and to deflate it.

NEVER use a battery charger on the tire/wheel assembly or any part of your body against, or reach over, the restraining device.

INFLATION PROCEDURE

NEVER use an air compressor or other equipment to pump air into the tire in a non-restrained manner.

WARNING

Never use an air compressor or other equipment to pump air into the tire in a non-restrained manner.

NEVER use a battery charger on the tire/wheel assembly or any part of your body against, or reach over, the restraining device.

STEP-BY-STEP INFLATION PROCEDURES

1. BEFORE INFLATING THE TIRE/WHEEL ASSEMBLY, THE TIRE MUST BE PROPERLY MOUNTED

2. ALL TIRE COMPONENTS MUST BE DISMANTLED TO MATCH AND MOUNT THE TIRE WITHOUT DAMAGES OR DENTS.

3. THE SENSORS MUST BE ACCURATELY MOUNTED AND OPERATIONAL TO ENSURE THE SAFETY OF THE DRIVER AND PASSENGERS.

4. THE AIR PRESSURE COMMUNICATIONS SYSTEM MUST BE IDENTIFIED AND CHECKED BEFORE MOUNTING THE TIRE.

5. THE TIRE MOUNTING AND INFLATING PROCEDURE MUST BE ACCURATELY FOLLOWED TO ENSURE THE SAFETY OF THE DRIVER AND PASSENGERS.

NEVER use a battery charger on the tire/wheel assembly or any part of your body against, or reach over, the restraining device.

If the tire is being mounted in a non-restrained manner, there may result in serious injury or death.

Note: To avoid personal injury or death, NEVER use a battery charger on the tire/wheel assembly or any part of your body against, or reach over, the restraining device.