

WAC 296-307-53013 What are the safe operating procedures for servicing multipiece rim wheels? You must establish safe operating procedures for servicing multipiece rim wheels, and ensure that employees are instructed in and follow the procedures. Your procedures must include at least the following:

- (1) Before demounting, remove the valve core to completely deflate the tire.
- (2) Remove the valve core to completely deflate the tire before removing a rim wheel from the axle whenever:
 - (a) The tire has been driven on underinflated at eighty percent or less of its recommended pressure; or
 - (b) There is obvious or suspected damage to the tire or wheel components.
- (3) Apply rubber lubricant to bead and rim mating surfaces during wheel assembly and tire inflation, unless the tire or wheel manufacturer recommends against it.
- (4) A tire on a vehicle underinflated at more than eighty percent of the recommended pressure may be inflated while the rim wheel is on the vehicle, only if remote control inflation equipment is used and no employees remain in the trajectory during inflation.
- (5) Tires may be inflated outside a restraining device only to pressure sufficient to force the tire bead onto the rim ledge and to create an airtight seal with the tire and bead.
- (6) Whenever a rim wheel is in a restraining device, the employee must not rest any part of the body or equipment on the restraining device.
- (7) After tire inflation, inspect the tire and wheel components while still within the restraining device. Ensure that they are properly seated and locked. If further adjustment to the tire or wheel components is necessary, deflate the tire by removing the valve core before making adjustments.
- (8) Never correct the seating of side and lock rings by hammering, striking, or forcing the components while the tire is pressurized.
- (9) Cracked, broken, bent, or otherwise damaged rim components shall not be reworked, welded, brazed, or otherwise heated.
- (10) When handling multipiece rim wheels, employees must stay out of the trajectory unless the performance of the servicing makes the employee's presence in the trajectory necessary.
- (11) Do not apply heat to a multipiece wheel or wheel component.

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