



## Inflating Tires – Core Processes (Seal, Seat, Set)

*Tire explosions are very serious safety hazards. Before initiating the inflation process, inspect the tire and wheel following the inspection guidelines.*

**For questions regarding bead seating, reference the “Bead Will Not Seat” document.**



CRITICAL TO  
SAFETY

### Sealing the Bead

- On the changer, position the valve in front of you and attach the hose.
  - Do not hold onto the grip chuck of an inflation device during inflation.
- Properly lift the tire by the tread until the top bead contacts the rim flange.
  - Keep hands away from the rim flange and bead.
- Press the inflation pedal and hold for one second to create a seal. Add enough air to maintain the bead seal.
- Once a seal has been created, disconnect the air hose.
- Transfer the assembly to the inflation cage.

### Seating the Bead, and Setting Inflation Pressure in the inflation cage

- Set the automated inflation device and attach the air hose so the bead can seat.
- While the tire is being inflated, stand clear of the inflation cage.
  - The automated inflation device will beep when the set air pressure has been reached.
- Disconnect the air hose and screw on the valve cap.
- Inspect both beads to confirm that they have seated. **(If the beads have not seated, refer to the “Bead Will Not Seat” Best Practice.)**
- Stage the assembly according to the service being performed

### The Whys

- It is unsafe to have any body part over the top of a tire being inflated
- Holding the tire by the tread during sealing keeps your hands and fingers away from the bead area
- A quick one second blast and a few pounds of pressure are all that should be needed to seal the bead