

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