

Demounting PAX assemblies using Hunter TC3500 and TC3250 Tire Changers

When demounting PAX tires, it is very important to remember two key ingredients:

Rotation: Rotate the wheel several revolutions for every small movement of the pressing roller.

Lubrication: Use plenty of approved lubricant. Give the lubricant time to work by continuously rotating with light pressure.

You can't have too much of these two ingredients, particularly during the critical step of removing the support ring.

It is also important to have a rotation rate much greater than the push rate of the roller. Pushing too quickly causes the roller to "crash" into the support ring, which binds it instead of releasing it.

For extremely difficult assemblies, it may be helpful to gently pry the support ring away from the wheel slightly to lubricate then let sit for a few minutes. Like a seized bolt, much can be accomplished with generous application of lubricant and some time to let the lubricant work.

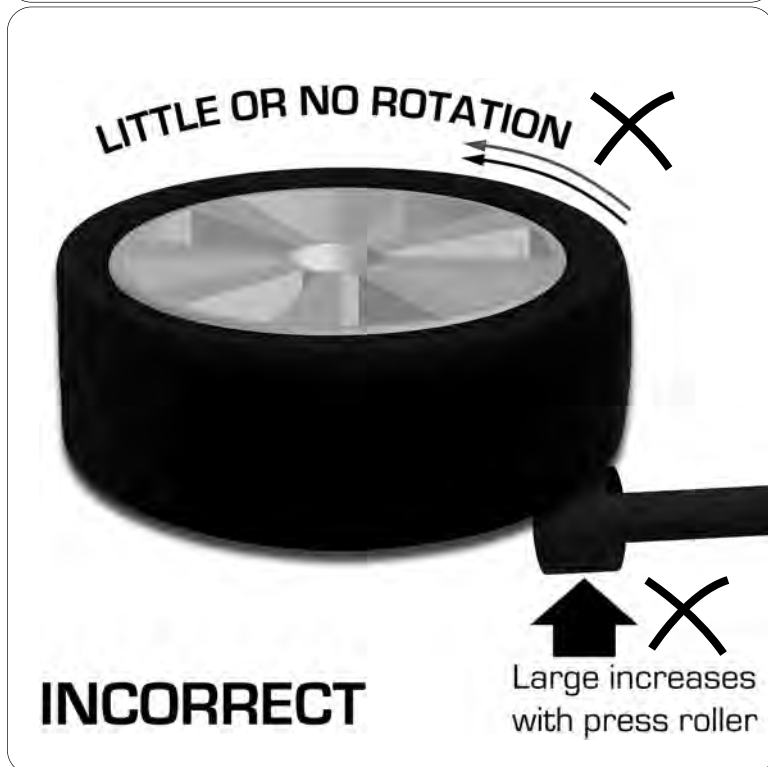
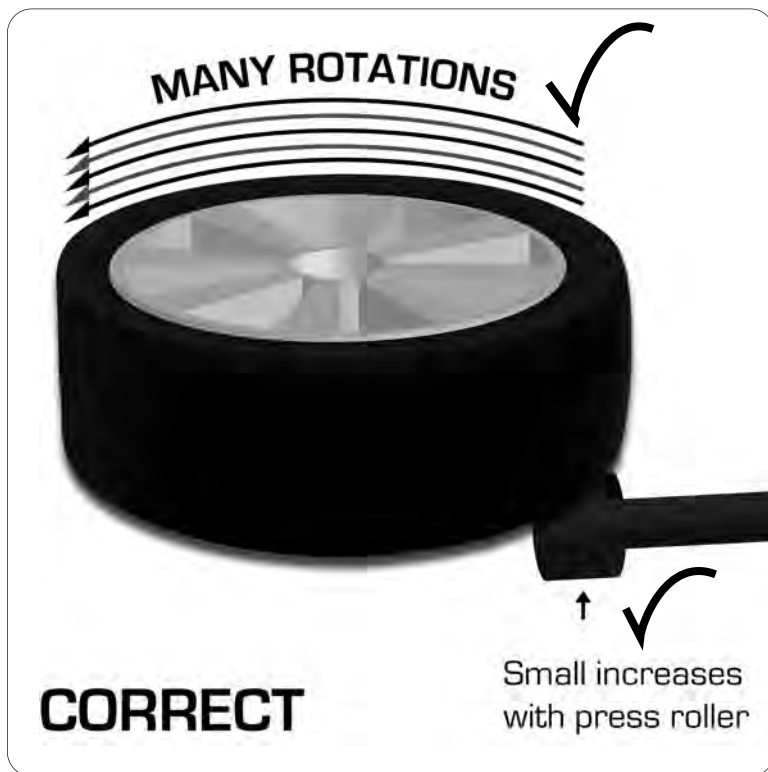
Failure to follow these two simple principles can damage the tire, wheel, support ring and tire changer. Gross disregard may result in bodily injury.

For Standard to Difficult Assemblies:

- Locate the press roller onto the liner according to instructions
- Lubricate
- Rotate
- Press slightly while rotating
- Lubricate
- Rotate several revolutions
- Press slightly while rotating
- Lubricate
- Rotate several revolutions
- Press slightly

Repeat this process until the support ring becomes free.

The same process can be used when bead loosening.



For Very Difficult or Seized Support Rings:

For some of the most difficult assemblies, the normal procedure described above may be insufficient.

This situation occurs when the tire changer rotation starts to bog down without any movement of the support ring.

Here is an effective procedure after the bead has been removed:

- Release roller pressure
- Gently pry the support ring slightly away from the wheel with a thin pry bar
- Lubricate generously
- Pry gently and lubricate around the wheel in several locations
- Allow the lubrication time to work
- Begin the standard PAX procedure again



Pull support ring slightly away from wheel for lubrication.



Generously apply lubricant between support ring and wheel. Allow lubricant time to work.



HUNTER
Engineering Company