

Cheetah Bead Seater

Introduction

When changing tires, some assemblies are difficult to seal for inflation. The Cheetah Bead Blaster assists in achieving a seal when the bead blaster on the changer will not on its own. This document provides you with the information you need to use the Cheetah and perform proper inspections which are essential to ensuring the safety of Our People and Our Customers.

THE CHEETAH IS FOR MOBILE SERVICE USE ONLY

Inspection and Replacement Schedule

Daily	Inspect the pressure gauge and safety release valve. Visually inspect the exterior of the tank for rust or deterioration.
Monthly	Pull the ring of the safety release valve to ensure the valve moved freely and is not stuck.
Every 6 Months	Visually inspect the interior of the tank for rust or deterioration through the inspection port. Shine a light into the tank to improve visibility.
Every 2 Years	Replace entire Cheetah
Any Time the Cheetah is Dropped or Damaged	If the Cheetah is dropped, impacted, dented, or otherwise damaged, discontinue use immediately and order a replacement unit.

Personal Protective Equipment (PPE)

- Goggles required for operator and any nearby employees
- Over-the-ear hearing protection required (earmuffs) for operator and any nearby employees
- Gloves required for operator

Transporting the Cheetah

- Never transport or store a charged tank. Store with the valve in the open position
- Cheetah must be secured while vehicle is moving to avoid damage
- Use a bungie cord or ratchet strap to ensure the Cheetah is secured when not in use
- The Cheetah should be stored by hanging from the handle with the valve open. This allows any moisture to drain from the tank when the Cheetah is not in use. It also protects the barrel and other attachments on the Cheetah from damage.

Preparing the Assembly

- Prepare each wheel by cleaning the rim. Dirt on the rim can create flying debris from the rush of air going into the tire
- Lubricate tire beads and rim flanges
- Remove the assembly from the work vehicle
- Verify the ground under the assembly is clear of debris

(Continued on next page)

Preparing the Assembly (Continued)

- Place the assembly on the ground. Do not attempt to inflate an assembly with the Cheetah that is elevated on a changer, floor of the work vehicle, or other elevated surface. Inflating on the ground prevents you from positioning the Cheetah near your torso (See figure 12 below)
- Remove valve stem core from wheel. Set aside to replace later after bead is seated
- Connect the air hose to valve stem
- The lower tire bead must be resting on the wheel bead seat area. This alignment is very important to ensure the tire will capture the air blast within the tire cavity. Use a tripod if necessary.

Operating the Cheetah

- The Cheetah can only be used outside of the vehicle
- Connect the quick connect air line and begin filling the tank
- It is not always necessary to fill the tank to maximum pressure. The required pressure will vary depending on the size and type of tire. It is best to begin with lower pressure and work up to optimum pressure for your specific tire.
- Never exceed 120 PSI
- Disconnect the airline from the tank. Never use a Cheetah that is still connected to the air line.
- Position yourself on firm ground, as shown in figure 12, using your legs as support
- Never hold the Cheetah near your torso or face
- Open the discharge valve quickly to release the air into the tire
- Repeat if necessary



Fig. 12

General Safety Guidelines

- Never attempt to override the safety release valve
- Never point the Cheetah at people or animals
- Use proper body positioning
- Never attempt to shoot or launch anything using the Cheetah
- Always keep work area clean, uncluttered, and well lit. Do not work on a slippery floor surface
- Keep bystanders out of the work area while operating the Cheetah
- Detach from air supply and release all air pressure before installing, removing, or adjusting any accessory on this tool or performing maintenance. Failure to do so could result in injury
- Never use a damaged Cheetah
- The Cheetah cannot be used by the store where that the mobile van is parked. The Cheetah is for mobile service use only
- Use genuine Cheetah TSI replacement parts. Under no circumstances should items be welded or attached to the tank