



TIRE SERVICE INTERNATIONAL

CH-60

Cheetah Bead Seater with 60 Gallon Tank

buyTSI.com - 800.223.4540



Read this manual before operating

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Revised: July 2022

Safety Requirements

1. Thoroughly read this manual before using this machine.
2. Only personnel trained should operate this machine.
3. Personal Protective Equipment must be used including safety glasses.
4. Any personnel present during tank discharge is required to wear ear and eye protection.
5. The use of gloves is recommended.
6. Always relieve air pressure in the tank before storing.

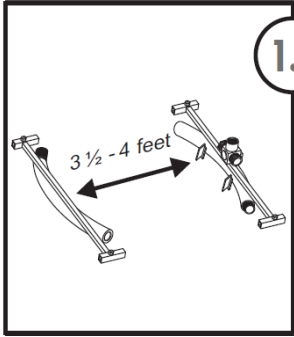
Installation Requirements

120 PSI Air Supply

Operating Instruction

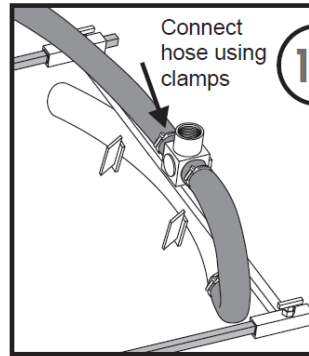
1. Important: Prepare the area by clearing any loose items.
2. Locate the tank for optimum operation of the nozzle for the tire and rim.
3. Lock the two cam-lock handles down securely.
4. Attach an air line capable of 120 PSI to the regulator on the tank. Fill the tank.
5. Lubricate tire beads and rim flanges with approved tire lubricant.
6. Once the tank's gauge reaches 100 PSI (actual pressure required for bead seating will vary in relation to tire size) the tank is sufficiently charged.
7. Place the nozzle on tire pointing toward the rim, but just outside the rim. Reference the following pages for preparation.
8. Check area for safety (no objects on tire) and warn others of impending sound.
9. While securely holding handles with both hands, press the red button on the Jet Pak with thumb or heel of hand.
10. **WARNING:** The discharge of the CH-60 releases a tremendous amount of stored air pressure in a very short time. This process is loud and ear plugs and safety goggles are required.

ASSEMBLY - DISCHARGE SYSTEM



1.1

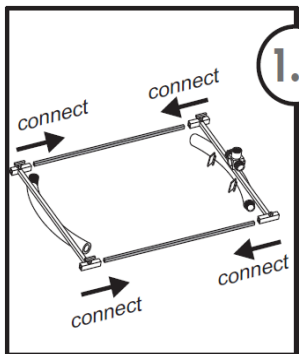
Locate discharge barrel and the adjustable discharge barrel. Position the barrels about 3½ to 4 feet apart so that all four angled rim rests point inward.



1.4

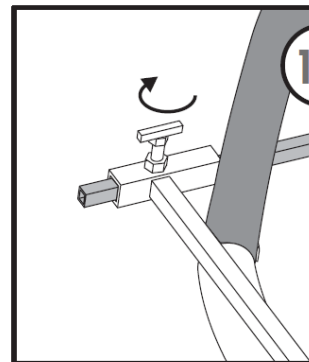
Secure the opposite end to the manifold opening on the discharge barrel tighten the clamps to **FULLY SECURE** the 2" hose (6ft)

NOTE: Allow the distance between the barrels to be slightly greater than the diameter of your wheel. This ensures easier adjusting once the mounting process has begun.



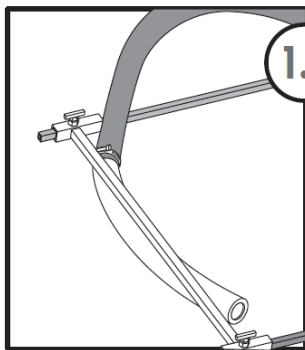
1.2

Connect the facing barrels using two adjusting rods by inserting each into the square sleeves located at the end of both the barrels.



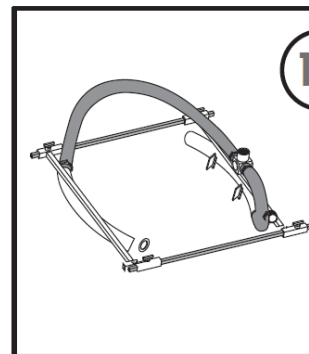
1.5

Turn the locking T-handle to securely tighten the two adjusting rods into place on the discharge barrel side. The opposite side will remain adjustable for later use.



1.3

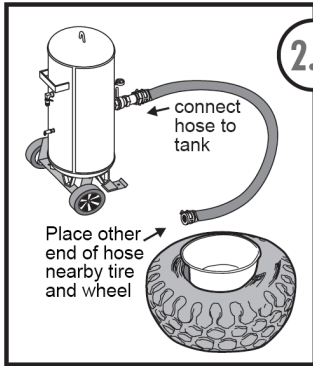
Locate the 2" (6ft) and two hose clamps. Place a clamp on each end of the hose and secure one end of the hose to the open end of the adjustable discharge barrel.



1.6

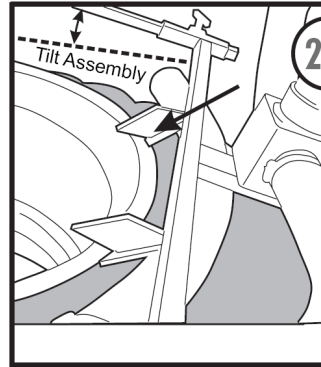
When completed the assembly should resemble Fig 1.6

PREPARATION - HORIZONTAL DISCHARGE



2.6

Position the tank to a close proximity of the tire and wheel. Locate and connect one end of the 2 ½" hose with cam-lock to the large 2 ½" female cam-lock on the tank. Position the unattached end of the hose nearby the tire and wheel.

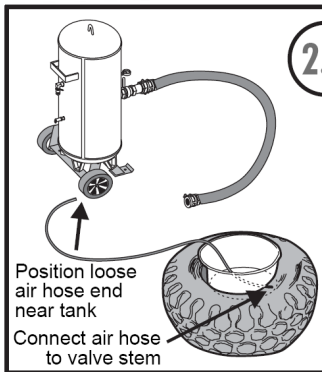


2.9

Gently tilt the assembly downward toward the wheel rim allowing the discharge barrel to rest on the wheel rim.

The elevated end of the assembly will usually need to be adjusted to allow the adjustable discharge barrel to rest snugly on the rim.

NOTE: Loosening all T-handle bolts on the discharge assembly is recommended for making final adjustments.



2.7

Locate the 10ft air hose and plug one end into your valve stem (with core removed) and position the unattached end near the ball valve near the back of the tank.



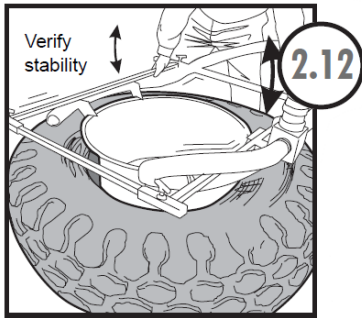
2.8

This step is best performed with the cooperation of two personnel. Standing at opposing ends of the adjusting rods pick up the discharge assembly using proper lifting techniques and position the assembly directly over the wheel.



Failure to properly secure the discharge assembly prior to discharge could result in serious injury or death.

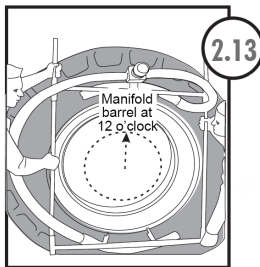
PREPARATION - HORIZONTAL DISCHARGE



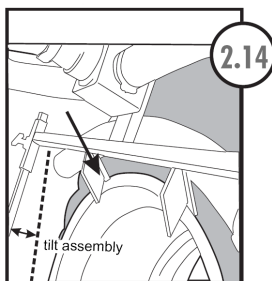
Physically pull up on the assembly to verify the strength of your connections. If any weakness or instability is observed re-secure and repeat until the assembly is securely in place.

PREPARATION - VERTICAL DISCHARGE

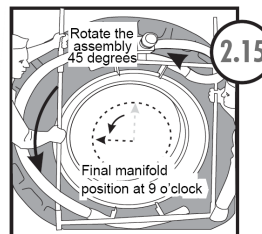
NOTE: Loosening all T-handle bolts on the discharge assembly is recommended for making final adjustments.




This step is best performed with the cooperation of two personnel. Standing at opposing ends of the adjusting rods. Pick up the discharge assembly using proper lifting techniques and position the assembly directly over the wheel so that the manifold discharge barrel is at 12 o'clock.



Hook the manifold discharge barrel rim rests on the rim. Secure the adjusting barrels rim rest at the 6 o'clock position on the wheel rim and tighten the T-handle bolts enough to avoid slippage.

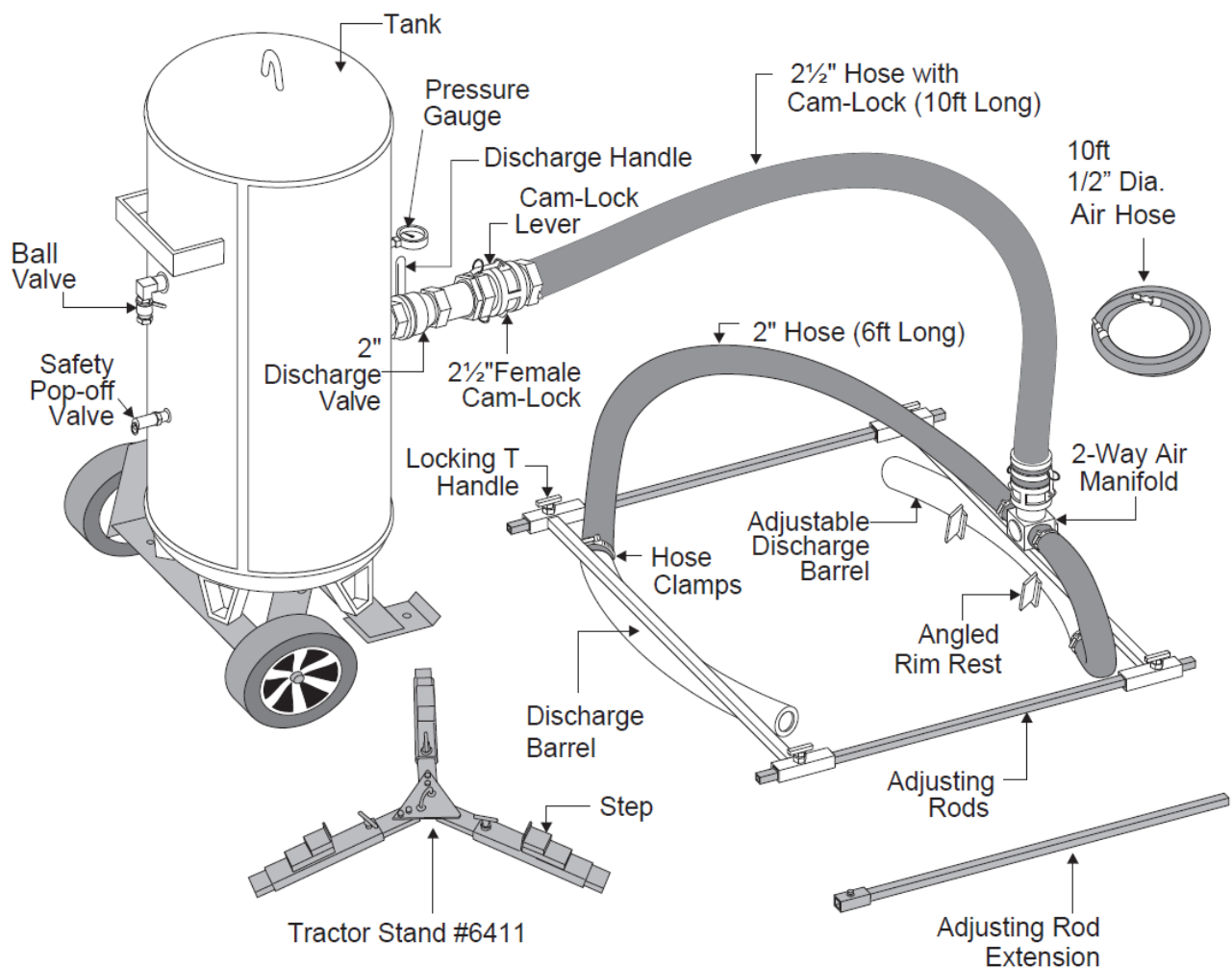


Carefully rotate the assembly so that the manifold discharge barrel is at the 9 o'clock position on the wheel rim. Some T-handle bolt loosening may be required especially in the event of a rim that is not perfectly round. Securely tighten all T-handle bolts once the assembly has been rotated. Physically pull up on the assembly to verify the strength of your connections. If any weakness or instability is observed resecure and repeat until the assembly is securely in place.

 Failure to properly secure the discharge assembly prior to discharge could result in serious injury or death.

Spare Parts List (110v - 220v)

Item	Description
11628	Wheel & Tire Assembly
15.190	Regulator - Air PSI 125 MAX
16039	30 gallon tank
239.175	Pressure Relief Valve Set at 175 PSI
6450	Foot Pad
7.023A	Air Pressure Gauge 2" dia x 1/8 npt 0-160 psi
CH-2.0 JP	2.0 Jet Pack External Quick Release Beadseater
VP 3.103 Jet	2.0 Jet Barrel
16005	Handle



Warranty and Return Policy

Warranty & Workmanship you can depend on.

With over 30 years of manufacturing experience we maintain the ability to provide competitive prices while employing and manufacturing the majority of our products in the USA. Pride in our workmanship and standing behind each and every product is not just our claim but our uncompromising responsibility.

Tire Service International equipment is warranted to be free from defects in materials and workmanship for a period of one year from the date of original purchase to the original owner. Repair labor is warranted for 90 days from the date of original purchase. Bushings, blades, bearings and normal wear and tear are not covered under warranty. Careless handling, negligence, misuse, abuse, mutilation, improper operation, making unauthorized repairs, additions, and or alterations automatically cancel this warranty and relieves TSI of any obligation. Cheetah tanks claimed to be defective while under warranty will be evaluated at our manufacturing plant and either repaired if possible or exchanged and returned or credit issued to the customer account at our discretion. Damage resulting from dropping the tanks will not receive warranty consideration. Warranty parts need to be returned prepaid to the plant for credit. Any replacement parts shipped from the plant will be shipped at the customer's expense. Machines requiring warranty work must be brought to the manufacturing plant in 201 Chelsea Rd, Monticello, MN or to a repair facility authorized by TSI.

!!WARNING!! Goods returned without an RGA will be refused. A Returned Goods Authorization form must be obtained before returning any material or goods. All non-warranty returns will be subject to a 15% restocking fee plus any additional charges for reconditioning/ repacking.



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