

# **PT BLASTER**

## **PORTABLE TIRE BEAD SEATER**

Stock Number W10012

### **OWNERS MANUAL**



#### **▲ WARNING!**

*It is the owner and/or operators' responsibility to study all WARNINGS, operating, and maintenance instructions contained on the product label and instruction manual prior to operation of this bead seater. The owner/operator shall retain product instructions for future reference.*

*The owner and/or operator are responsible for maintenance, maintaining all decals or warning labels and while in use, maintaining the unit in good working order. If the owner and/or operator are not fluent in English, the product warnings and instructions shall be read and discussed in the operators' native language by the purchaser/owner or his designee. Make sure that the operator comprehends its contents. Safety information shall be emphasized and understood prior to usage. The tool shall be inspected per the operating instructions.*

*Protect yourself and others by observing all safety information.*

*Failure to comply with instructions could result in personal injury and/or property damage!*

*If you encounter any problems or difficulties, please contact our customer service department at: 1-800-426-1262 between 6:30 a.m. and 4:30 p.m. Pacific time.*

**PT**  
**Performance Tool®**

Please read these instructions carefully and retain them for future use.

On occasion, after printing of our literature is completed, our manufacturers may make changes and/or modifications to merchandise which will not be reflected in this manual. Although we strive to maintain complete and accurate information, it is possible in some instances, that the product may differ slightly from printed specifications. Illustrations are intended for reference only. Actual merchandise may vary. Wilmar is not responsible for typographical errors.

Performance Tool®

## SPECIFICATIONS

**Capacity:**.....5 Gallons  
**Recommended Operating Pressure:** .....85 - 125 psi  
**Safety Release Valve Setting:** .....116 - 125 psi  
**Pressure Gauge:**.....Industrial Grade  
**Canister:**.....Heavy Duty MIG Welded Construction

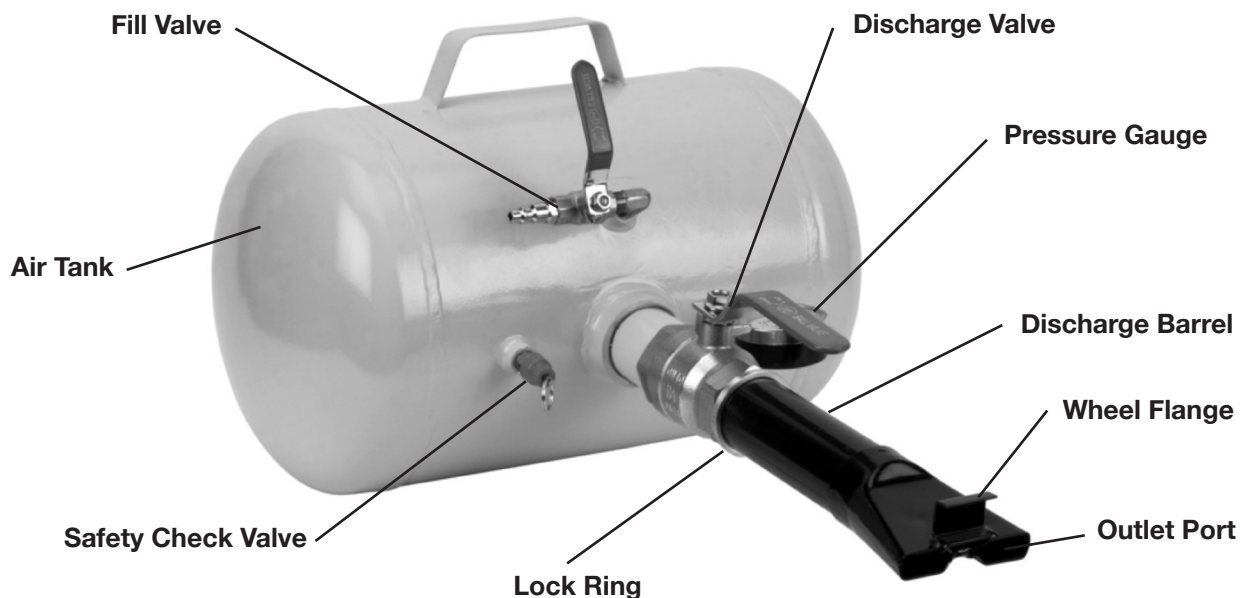
Specifications are subject to change without notice

## IMPORTANT SAFETY INFORMATION

**▲ WARNING! READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS, AND WARNINGS BEFORE OPERATING THIS TOOL. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.**

1. Always use eye, and ear protection when using this tool. If raising dust/debris, wear a suitable mask. Always operate tank in a safe manner, protecting yourself and others in the work area from possible injury.
2. Be sure the tank is under no pressure before removing any of the fittings.
3. Always make sure the pressure gauge/valve assembly, and discharge tube are secure, and without damage to allow safe operation of the tank.
4. **DO NOT OVERFILL!** Use tank within its rated capacity and only for its designated purposes. Overfilling air tanks will cause premature wear, permanent damage, injury and/or dangerous situations and will void warranty.
5. **DO NOT** fill from a system charged with more than 145 PSI or from any compressed gas cylinder.
6. Please discard the tank, if the service time has been more than three years.
7. Inspect fittings for wear and damage prior to using tool. Do not carry or drag tank by the discharge tube. Keep tank stored empty and with the discharge tube pointed down for safety. The discharge tube length, which comes standard with this model, will provide the most efficient flow of air and decrease pressure flow problems.
8. If a leak should develop in the tank, discard the tank immediately. **DO NOT** weld on any tank designed to contain pressure.
9. Study, thoroughly understand, and follow all safety precautions and operating instructions before using the PT Tire Bead Seating Tool. If the operator cannot read the English, operating instructions and safety precautions must be read and discussed in the operator's native language.
10. Only qualified persons may install, operate, adjust, maintain, clean, repair, inspect, or transport this tool. Always transport empty.
11. Inspect the condition of your PT Blaster before each use; do not use if damaged, altered, or in poor condition.
12. Wear ear and eye protection that meet ANSI and OSHA standards.
14. Do not exceed the maximum air pressure rating of 145 psi. Overfilling the air tank may result in an explosion. Recommended operating air pressure is 90 psi to 116 psi.
15. **DO NOT POINT THE DISCHARGE NOZZEL AT A PERSON.**
16. Hold the nozzle securely against the wheel edge during the burst of air.
17. Discharge the air tank when it is not in use, always storing empty.
18. Do not tighten or loosen fittings when the tank is charged.
19. Do not use this tool for anything other than its intended purpose.
20. Do not inflate damaged tires or tires on damaged wheels or full of loose debris.
21. No alteration shall be made to this product.

## PARTS



## ASSEMBLY

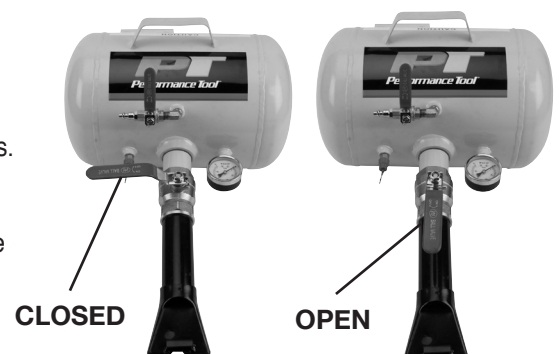
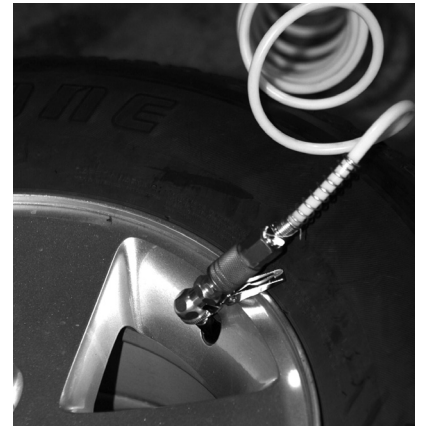
Most of your PT Blaster has been preassembled at the factory. Be sure to use PTFE (thread sealing) tape on the balance of threaded items left to assemble. To install the Discharge Valve and Threaded Barrel use a pipe wrench, tighten so there are no air leaks. The Wheel Flange that's welded to the end of the Discharge Barrel needs to be at the top. Use the follow up nut to secure the discharge tube in place. Securely hold the tank in place as some force will be needed to tighten the Discharge Barrel and nut to the valve. Add some air to the tank and brush the fittings with soapy water to reveal any leaks.

## OPERATION

**Taking several attempts to seat a tire bead is not unusual. Once you become more familiar and have the process down your success rate will increase greatly.**

1. Be sure all fittings have been properly tightened and sealed with PTFE tape.
  2. Place the tank securely on the ground; confirm all ball valves are closed. This includes the inlet and the discharge valve.
  3. Connect your supply line via the inlet plug fitting and slowly open the inlet ball valve. Continue filling with air until the desired amount has been reached, It's not always necessary to fill the tank to capacity. Refer to the application chart on the back cover of this manual for suggested air pressure to tire size. With experience you'll gain the ability to seat the tires with very little air, 30lbs or less.
  4. Close ball valve and disconnect the supply line when desired pressure is reached.
  5. Be sure your tire and wheel are both clean and free of debris. A dirty wheel flange or a poor tire bead makes it difficult for the tire to seat properly, and helps prevent flying debris from the rush of air going into the wheel. Remove valve stem core from wheel, set aside to replace later after bead is seated, (this allows better unrestricted air flow).
  6. Lubricate tire beads and rim flanges with soapy water or other approved lubricant.
  7. Connect your supply line onto the tire valve stem using a locking tire air chuck. Remember you will need to disconnect this as soon as the bead is seated and the tire is near rated pressure.
- ▲ CAUTION:** Due to the high pressure air blast eyewear and hearing protection are required. Keep hands, feet and loose clothing clear of the bead seating area.
8. With a firm footing hold the PT Blaster firmly and point the discharge tube into the tire resting the flange on the wheel using caution to protect the finish of custom wheels. Take a step forward holding the flange firmly in place. One hand should be on the tank handle and your other hand needs to grip the release ball valve lever.
  9. Fully open the discharge tube pressing the lever forward quickly. Visually look the bead should now be seated. Release the locking ball chuck and replace the valve core. Be sure the valve core is firmly tightened or if it's a TPMS, torque it to manufactured specifications.

10. Inflate the tire to vehicle manufactures pressure requirements.
11. Take your soapy water dabbing around the bead on both sides checking for leaks. If no leaks are present replace the valve stem cap and clean off excess water.
12. Once finished with the PT Blaster always leave the ball valves open. These are the air inlet ball valve and the discharge tube ball valve. Storing your PT Blaster in a cool dry place will insure many years of dependable service.



## TROUBLESHOOTING

### Insufficient AIR FLOW:

Probable Cause-	Solution-
Loss of air pressure	Possible leak. Locate by applying soap & water mixture to seams, fittings, etc.
Tank fills slowly	Check opening in ball valves for obstructions. Clean or replace as necessary or check your air source, make sure capable of at least 125 PSI
Tank won't hold enough air	Check pressure gauge for damage, replace if necessary. Check your air source, make sure it is capable of at least 125 PSI.
Air leakage	Use PTFE thread tape on fittings, and gauge. Check tank for dirty, worn or damaged parts. Replace as necessary.
Gauge won't register/ registers incorrectly	Be sure that the needle is moving freely by tapping the gauge, replace as necessary.
Safety pressure bypass valve seeps air	Pull ring twice releasing sharply to seat with pressure in tank.

## APPLICATION CHART

Vehicle	Tire Size	Suggest Tank Pressure	Suggestions
ATV	16-650-8, 22-11-8, 25-12-9, 24-9-11	40 psi	Depending on tire size, the wheel may need to be lifted off the ground. Maybe set one edge on a 2 x 4. This allows the wheel to be more centered in the tire.
Lawn Tractor	16-650-8, 23-1050-12, 26-12-12	40 - 50 psi	Depending on tire size, the wheel may need to be lifted off the ground. Set one edge on a 2 x 4. This allows the wheel to be more centered in the tire.
Automotive	13" thru 14" Wheels	50 - 60 psi	Set one edge of the tire and wheel on a 2 x 4, be sure the inside of the tire valve is covered by the tire bead.
Automotive 4 x 4	15" thru 16" Wheels	60 - 80 psi	Set one edge of the tire and wheel on a 2 x 4, be sure the inside of the tire valve is covered by the tire bead.
Truck	11-22.5, 18-22.5	80 - 100 psi	Set one edge of the tire and wheel on a 2 x 4, be sure the inside of the tire valve is covered by the tire bead.
Tractor	Up to 28" Tires 28" and Over	80 - 100 psi 100 -116 psi	Set one edge of the tire and wheel on a 2 x 4, be sure the inside of the tire valve is covered by the tire bead.

### 1 YEAR LIMITED WARRANTY

PERFORMANCE TOOL® extends only the following warranties, and only to original retail purchasers. These warranties give specific legal rights. Except where prohibited by local law, the law of the State of Washington governs all warranties and all exclusions and limitations of warranties and remedies. There may be other rights which vary from state to state.

PERFORMANCE TOOL® warrants the product to be free from defects in materials and workmanship under normal use and service. A defective product may be returned for a free replacement within 90 days from the date of purchase, provided that product is returned to place of purchase immediately after discovery of defect. After 90 days and up to one year from date of purchase, PERFORMANCE TOOL® will replace at no charge any parts which our examination shall disclose to be defective and under warranty. These warranties shall be valid only when a sales receipt showing the date of purchase accompanies the defective product or defective part (s) being returned. For part (s) after 90 days, please remit your request, postage prepaid to:

PERFORMANCE TOOL, P.O. Box 88259 Tukwila, WA 98138

These warranties exclude blades, bits, punches, dies, bulbs, fuses, hoses, and other consumables which must be replaced under normal use and service. These warranties shall not apply to any product or part which is used for a purpose for which it is not designed, or which has been repaired or altered in any way so as to affect adversely its

performance or reliability, nor shall these warranties apply to any product or part which has been subject to misuse, neglect, accident or wear and tear incident to normal use and service.

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