

# Owner's Manual & Safety Instructions

**Save This Manual** Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

21k

**MADDOX**<sup>TM</sup>  
SUPERIOR AUTOMOTIVE TOOLS

M5GABS

## 5 Gallon Air Bead Seater



Visit our website at: <http://www.harborfreight.com>  
Email our technical support at: [productsupport@harborfreight.com](mailto:productsupport@harborfreight.com)

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When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

### **⚠ WARNING**

Read this material before using this product. Failure to do so can result in serious injury. **SAVE THIS MANUAL.**

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## WARNING SYMBOLS AND DEFINITIONS

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
	Addresses practices not related to personal injury.

# IMPORTANT SAFETY INFORMATION

## General Safety Warnings



### **WARNING** Read all safety warnings and instructions.

*Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.*

**Save all warnings and instructions for future reference.**


The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.


### 1. Work area safety


- a. **Keep work area clean and well lit.**  
Cluttered or dark areas invite accidents.
- b. **Do not operate the Bead Seater in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.**
- c. **Keep children and bystanders away from an operating Bead Seater.**


### 2. Personal safety

- a. **Stay alert, watch what you are doing and use common sense when operating this Bead Seater. Do not use this Bead Seater while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating a Bead Seater may result in serious personal injury.

- b.  **Use safety equipment.**  
A dust mask, non-skid safety shoes and a hard hat must be used for the applicable conditions. Wear heavy-duty work gloves during use.

- c.  **Always wear eye protection.**  
Wear ANSI-approved safety goggles with side shields.

- d.  **Always wear hearing protection when using the tool.**  
Prolonged exposure to high intensity noise is able to cause hearing loss.

- e.  **Always wear heavy-duty work gloves when using Bead Seater.**

### 3. Bead Seater use and care

- a. **Store Bead Seater out of the reach of children and do not allow persons unfamiliar with the Bead Seater or these instructions to operate it.** A Bead Seater is dangerous in the hands of untrained users.
- b. **Maintain the Bead Seater. Keep the Bead Seater clean for better and safer performance. Follow instructions for lubricating and changing accessories. Keep dry, clean and free from oil and grease. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the Bead Seater's operation. If damaged, have the Bead Seater repaired before use.** Many accidents are caused by a poorly maintained Bead Seater.
- c. **Use the Bead Seater in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the Bead Seater for operations different from those intended could result in a hazardous situation.

### 4. Service

- a. **Have your Bead Seater serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the Bead Seater is maintained.

# Bead Seater Safety Warnings

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1. **Do not use more than 40 psi to seat bead. Do not pressurize tank to more than 120 psi.**
2. **Wear ANSI-approved safety goggles, heavy-duty work gloves and hearing protection during use.**
3. **Use as intended only.**
4. **Do not drop Bead Seater.**
5. **Read manual before set up and/or use.**
6. Risk of injury - do not direct air stream at people or animals.
7. Do not use to supply breathing air.
8. To prevent injury keep hands away from tire and rim when using Bead Seater.
9. Fill Bead Seater with air only. Other gases can cause asphyxiation.
10. Drain Tank daily and after use. Internal rust causes tank failure and explosion.
11. Remove air in Tank before storing.
12. The use of accessories or attachments not recommended by the manufacturer may result in a risk of injury to persons.
13. Industrial applications must follow OSHA guidelines.
14. Maintain labels and nameplates on the Bead Seater. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
15. This product is not a toy. Keep it out of reach of children.

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**SAVE THESE INSTRUCTIONS.**

## Specifications

Air Tank Capacity	5 Gallons
Max Air Pressure	120 psi

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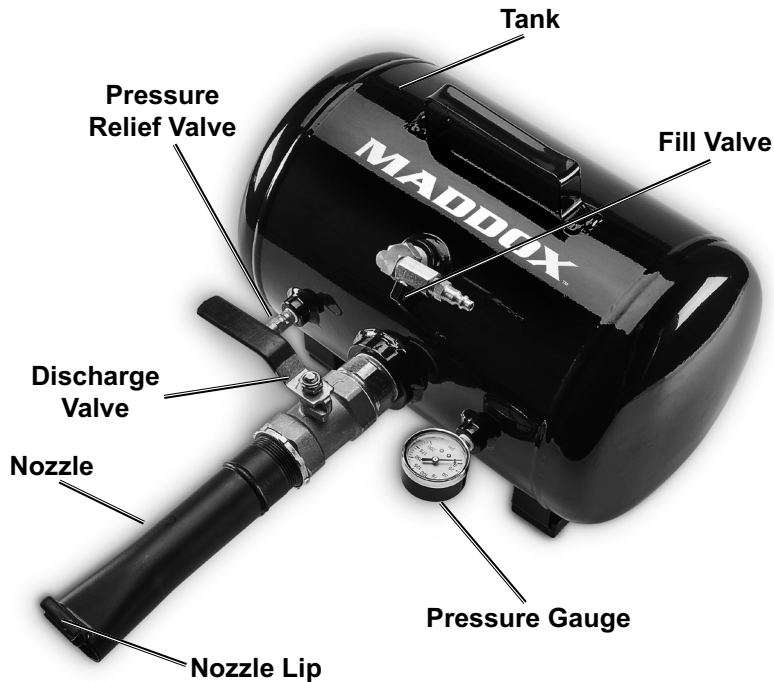
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## Functions



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.



## Assembly Instructions



**WARNING! TO PREVENT SERIOUS INJURY AND DEATH FROM EXPLOSION:** Install supplied components only. Do not replace any component with objects not supplied.

1. Assemble on a stable, flat surface.
2. Install PTFE tape (not included) onto Adapter (10) threads.
3. Install Discharge Valve (11) in closed position with handle facing left, onto Adapter. Place Lock Nut (12) onto Nozzle (13).
4. Install PTFE tape onto Nozzle threads.
5. Thread Nozzle into Discharge Valve until hand tight with Lip facing up, loosen if necessary so that Lip faces up.
6. Tighten Lock Nut with spanner wrench.

**WARNING! TO PREVENT SERIOUS INJURY:** Install PTFE tape correctly so tape does not obstruct valve operation.

7. Wrap PTFE tape around threads of Pressure Gauge (3).
8. Install Pressure Gauge onto Tank (1).
9. Wrap PTFE tape around threads of Quick Coupler (9).
10. Install Quick Coupler to Fill Valve (8).

## Operating Instructions



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

### Tire Area Set Up

1. Designate a work area that is clean and well-lit. The work area must not allow access by children or pets to prevent injury.
2. Secure tire and rim in place on a flat level surface before attempting to seat tire bead.

### General Operation



**WARNING! TO PREVENT SERIOUS INJURY AND DEATH FROM EXPLOSION:**  
**Do not fill Bead Seater beyond 120 psi.**

1. Close Discharge Valve (11).
  2. Open Fill Valve (8).
  3. Connect air hose to Quick Coupler (9).
  4. Turn on air compressor (not included) and adjust to appropriate psi.
- CAUTION!** To prevent damage to tire and rim do not put more than 40 psi into tire while seating bead.
5. Fill Bead Seater Tank (1) to appropriate psi for tire, but do not exceed 120 psi.
  6. Close Fill Valve.
  7. Disconnect air hose.
  8. Turn off air compressor.
  9. Clean bead mating surfaces on tire and rim.
- Note:** Inspect rim for cracks and corrosion. If found, clean and replace as necessary.
10. Mix bead lubricant (not included) properly to ensure correct bead seating.
  11. Apply lubricant to bead mating surface on tire.
  12. Ensure tire and rim are secured on a flat level surface. The tire and rim may move suddenly while seating them.
  13. Use appropriate fitting to connect air hose to tire valve stem so that air flows into valve stem.
  14. Turn on air compressor.
  15. Adjust air compressor to proper psi for tire inflation.
- WARNING! TO PREVENT SERIOUS INJURY:**  
Wear ANSI-approved safety goggles, heavy-duty work gloves and hearing protection.
16. Hook Bead Seater Nozzle (13) Lip on rim.
  17. Firmly grip handle and Discharge Valve.
- WARNING! TO PREVENT SERIOUS INJURY:**  
Keep hands away from tire and rim mating area.
18. Rapidly open Discharge Valve.
  19. Close Discharge Valve. Check to see that tire is properly seated to rim. Repeat steps 1 through 18 if necessary.
  20. Allow tire to fill to appropriate psi with air hose.
  21. Remove air hose from tire valve stem.
  22. Turn off air compressor.
  23. Open Discharge Valve on Bead Seater.
  24. Point Nozzle down to allow moisture drainage.
  25. Close Discharge Valve.

## Maintenance and Servicing



Procedures not specifically explained in this manual must be performed only by a qualified technician.

### TO PREVENT SERIOUS INJURY FROM BEAD SEATER FAILURE:

Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

## Cleaning, Maintenance, and Lubrication

1. **BEFORE EACH USE**, inspect the general condition of the Bead Seater. Check for:
  - loose hardware,
  - misalignment or binding of moving parts,
  - cracked or broken parts,
  - any other condition that may affect its safe operation.
2. **AFTER USE**, wipe external surfaces of the Bead Seater with a clean cloth.

## Maintenance Schedule

Following are general guidelines for maintenance checks of the Bead Seater.

**Note:** The environment in which the Bead Seater is used, and the frequency of use will affect how often you will need to check the Bead Seater components and perform maintenance procedures.

### Daily:

- a. Make sure all connections are tight.
- b. Drain moisture from air tank.
- c. Check for abnormal noise or vibration.
- d. Check for air leaks by applying soapy water to joints while the Bead Seater is pressurized. Look for air bubbles.
- e. Wipe off any oil or dirt from Bead Seater with a damp cloth, using a mild detergent or mild solvent.



## PLEASE READ THE FOLLOWING CAREFULLY

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THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

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## Parts List

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Part	Description	Qty
1	Tank	1
2	Pressure Relief Valve	1
3	Pressure Gauge	1
4	Rubber Pad	4
5	Hexagon Bolt	4
6	Bushing	1
7	Exhaust Elbow	1

Part	Description	Qty
8	Fill Valve	1
9	Quick Coupler	1
10	Adapter	1
11	Discharge Valve	1
12	Lock Nut	1
13	Nozzle	1

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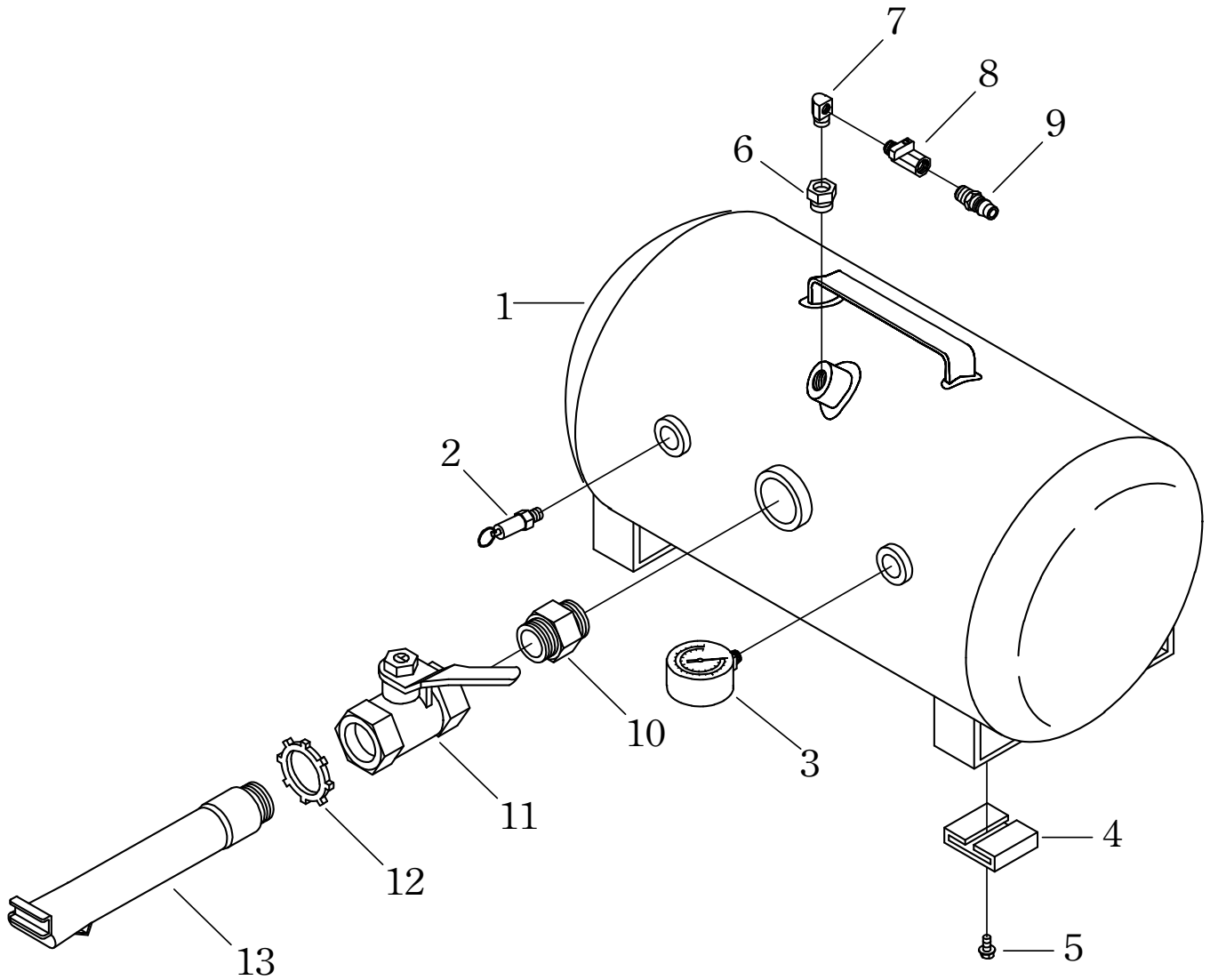
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Record Product's Serial Number Here: \_\_\_\_\_

**Note:** If product has no serial number, record month and year of purchase instead.

**Note:** Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Specify UPC 193175447012 when ordering parts.

# Assembly Diagram



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## Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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