



5-Gallon Air Bead Seater

Owner's Manual



⚠ WARNING: Read carefully and understand all ASSEMBLY AND OPERATION INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

Item #54411

SAVE THESE INSTRUCTIONS

Thank you very much for choosing an Ironton™ product!

For future reference, please complete the owner's record below:

Serial Number/Lot Date Code: _____

Purchase Date: _____

Save the receipt, warranty, and this manual. It is important that you read the entire manual to become familiar with this product before you begin using it.

This air bead seater is designed for certain applications only. Northern Tool and Equipment is not responsible for issues arising from modification or improper use of this product such as an application for which it was not designed. We strongly recommend that this product not be modified and/or used for any application other than that for which it was designed.

For technical questions, please call **1-800-222-5381**.

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Intended Use

This Ironton 5-Gallon Air Bead Seater seats tough beads on ATVs and most truck tires, and can be used as a regular air tank.

Technical Specifications

Property	Specification
Max. air pressure	120PSI
Air tank	25ft.
ASME certified tank	5 gallon

Important Safety Information

⚠️WARNING

- Read and understand all instructions. Failure to follow all instructions may result in serious injury or property damage.
- The warnings, cautions, and instructions in this manual cannot cover all possible conditions or situations that could occur. Exercise common sense and caution when using this air bead seater. Always be aware of the environment and ensure that the tool is used in a safe and responsible manner.
- Do not allow persons to operate or assemble the product until they have read this manual and have developed a thorough understanding of how it works.
- Do not modify this product in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the product. There are specific applications for which the product was designed.
- Use the right tool for the job. DO NOT attempt to force small equipment to do the work of larger industrial equipment. There are certain applications for which this equipment was designed. It will do the job better and more safely at the capacity for which it was intended. DO NOT use this equipment for a purpose for which it was not intended.
- Industrial or commercial applications must follow OSHA requirements.

⚠️WARNING

- This product may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

⚠️WARNING

WORK AREA SAFETY

- Inspect the work area before each use. Keep work area clean, dry, free of clutter, and well lit. Cluttered, wet, or dark work areas can result in injury. Using the bead seater in confined work areas may put you dangerously close to other cutting tools and rotating parts.
- Do not use the air bead seater where there is a risk of causing a fire or an explosion; e.g., in the presence of flammable liquids, gases, or dust. The product can create sparks, which may ignite the flammable liquids, gases, or dust.

- Do not allow the air bead seater to come into contact with an electrical source. The tool is not insulated and contact will cause electrical shock.
- Keep children and bystanders away from the work area while operating the tool. Do not allow children to handle the air bead seater.

⚠️WARNING

PERSONAL SAFETY

- Stay alert, watch what you are doing, and use common sense when operating the air bead seater. Do not use the tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating the tool may result in serious personal injury.
- Dress properly. Do not wear loose clothing, dangling objects, or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts. Air vents on the tool often cover moving parts and should be avoided.
- Wear the proper personal protective equipment when necessary. Use ANSI Z87.1 compliant safety goggles (not safety glasses) with side shields, or when needed, a face shield. Use a dust mask in dusty work conditions. Also use non-skid safety shoes, hardhat, gloves, dust collection systems, and hearing protection when appropriate. This applies to all persons in the work area.
- Do not overreach. Keep proper footing and balance at all times.
- Secure the work with clamps or a vise instead of your hand when practical. This safety precaution allows for proper tool operation using both hands.

⚠️CAUTION

AIR BEAD SEATER USE AND CARE

- Do not force the product. Products are safer and do a better job when used in the manner for which they are designed. Plan your work, and use the correct product for the job.
- Check for damaged parts before each use. Carefully check that the product will operate properly and perform its intended function. Replace damaged or worn parts immediately. Never operate the product with a damaged part.
- Disconnect the power/air supply from the product and place the switch in the locked or off position before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
- Store the product when it is not in use. Store it in a dry, secure place out of the reach of children. Inspect the tool for good working condition prior to storage and before re-use.
- Use only accessories that are recommended by the manufacturer for use with your product. Accessories that may be suitable for one product may create a risk of injury when used with another tool. Never use an accessory that has a lower operating speed or operating pressure than the tool itself.
- Keep guards in place and in working order. Never operate the product without the guards in place.
- Do not leave the tool running unattended.

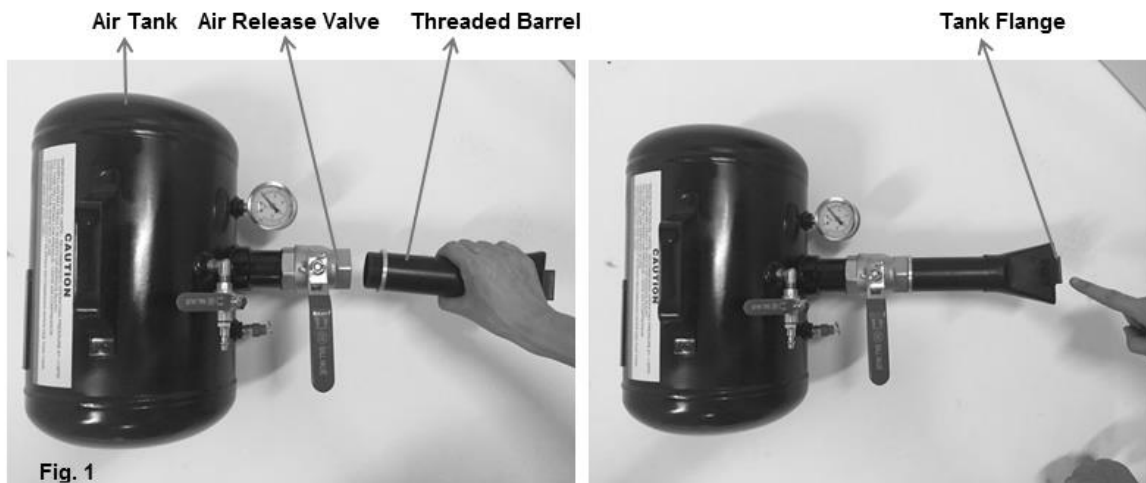
Specific Operation Warnings

⚠WARNING

- Do not exceed the maximum rated pressure.
- Wear ANSI Z871. Compliant safety goggles, hearing protection, and heavy duty gloves.
- Only use an air compressor rated to fill the tank.
- Be sure the area is clear of bystanders or hazardous materials before operating.
- Never store or transport a charged bead blaster.
- Always charge before use and discharge after use.

Assembly Instructions

The air bead seater arrives fully assembled except for the threaded barrel (#4) which must be firmly threaded onto the air release valve (#2) before use. Make sure the tank flange (#5) is facing up (Fig.1).



Familiarize yourself with the components of the air bead seater, as well as the instructions and safety information before using this product.

Before Each Use

Make sure that you have received your air bead seater in good condition with no signs of damage before beginning operation.

Operating Instructions

Filling the bead seater with air

This can be accomplished by using any general commercial compressed air source.

1. Check that the air release valve (#2) is closed and then attach the air supply line to the fill valve (#8) on the bead seater (Fig.2).

2. Open the air intake valve (#7) to fill the air tank (#1) to the desired air pressure. Once this pressure has been reached, as indicated by the pressure gauge (#6), close the air intake valve (#7).

Note: It's not always necessary to fill the tank to capacity. Some tires can be seated with as little as 20 PSI (Fig.2).

3. Disconnect the air supply line from the fill valve (#8) (Fig.2).



Horizontal positioning for tire / rim

1. Remove the valve stem core from the wheel. Set it aside to replace later after the bead is seated (Fig.3).

2. Position the tire and rim on the tire stand (not provided) so that the lower side wall of the tire is slightly off the floor (Fig.3).

Using The Bead Blaster on a Horizontal Tire and Wheel

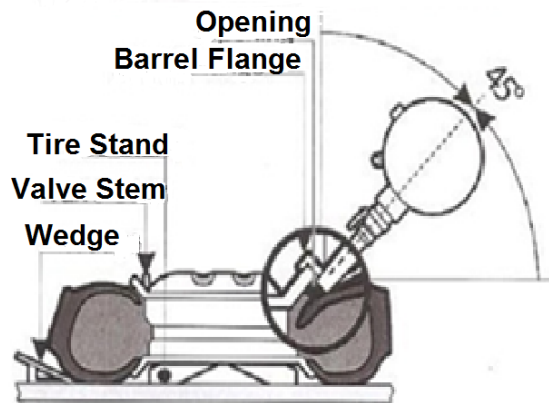


Fig. 3

3. Make sure to seat the lower tire bead onto the rim.
4. Before seating the bead, make sure the tank flange (#5) is facing up. Rotate the tank to this position, if necessary, before continuing (Fig.4).



Fig. 4

5. Point the threaded barrel (#4) down into the tire (as shown on the right) at approximately 45 degrees. Use the channel on the nozzle to grab the rim. Lean forward slightly to hold it in position. Hold one hand onto the handle and the other on the manifold valve lever (Fig.4).
6. The tank blasts air at a high rate so body positioning is important. Hold the bead seater firmly by the handle (#10) and using the other hand, quickly turn the air release valve (#2) to open, releasing air into the tire (Fig.4).

7. Once the tire bead is successfully seated, connect an air supply line to the tire valve to inflate the tire to the correct pressure. Remove the air supply line from valve stem and replace valve core (Fig.5).
8. Make sure the valve core is firmly tightened in-place and proceed to inflate the tire to the manufacturers tire pressure requirements.
9. Check for leaks. If there are none, place the valve stem cap on the valve stem and wipe off any excess lubricant. If there are leaks, address them and repeat the process.



Fig. 5

Maintenance

Maintain your air tank and bead seater.

1. Check the air bead seater regularly for damage or signs of wear and make sure that the tank is inspected on an annual basis.

Note: Never tighten or loosen fittings when the air bead seater is charged.

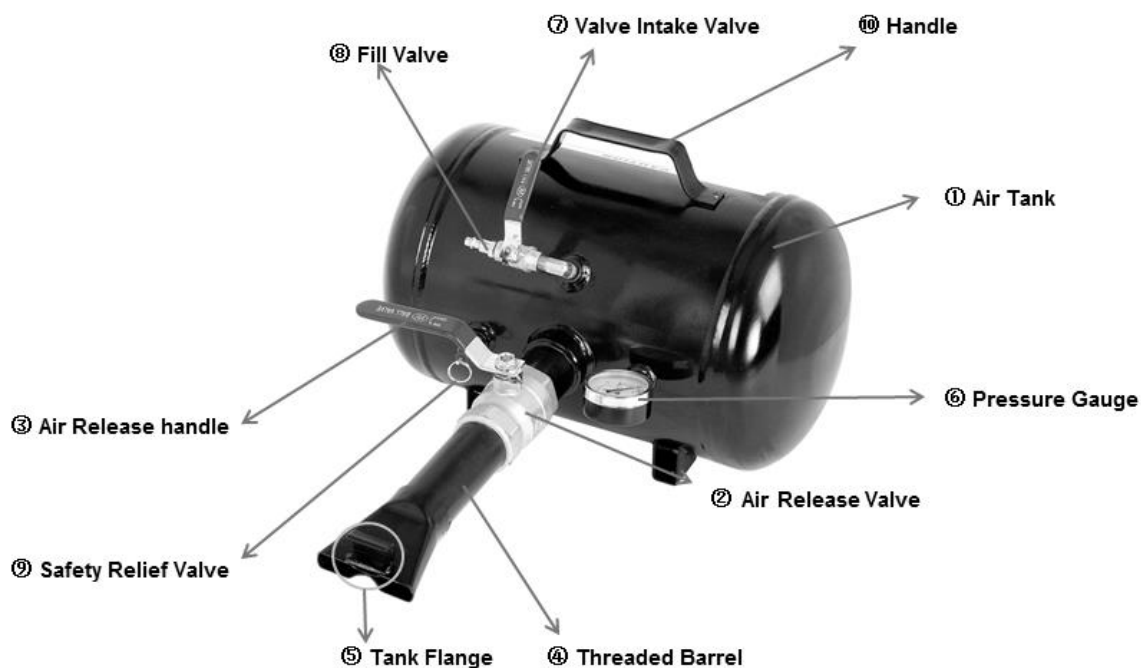
2. Be sure to check the following:
 - Ensure that there are no cracks in the tank or fittings.
 - Make sure that the tank is not damaged or bent and there are no obstructions to the tank.
3. Drain the air bead seater regularly. To do this, hang the air tank and air bead seater up with the tank positioned downward and open the air release valve.
4. Ensure air line safety. An air line is designed to deliver maximum air volume and control by allowing the user to be hands-free (from air line) during the air bead seating operation. Always use an appropriate air line for the type of tire you are inflating.

Troubleshooting

Use the table below to troubleshoot problems before contacting service personnel or your local dealer. If the problem continues after troubleshooting, call your local dealer for assistance.

Failure	Possible Cause	Corrective Action
Poor performance	No pressure.	Check the pressure gauge.
	The valve is being opened too slowly.	Open the valve quickly.
	The air drain does not match the hub or tire.	Check and adjust the air drain.

Parts Diagram



Parts List

Reference	Description	Quantity
1	Air Tank	1
2	Air Release Valve	1
3	Air Release Handle	1
4	Threaded Barrel	1
5	Tank Flange	1
6	Pressure Gauge	1
7	Air Intake Valve	1
8	Fill Valve	1
9	Safety Relief Valve	1
10	Handle	1

Replacement Parts

- For replacement parts and technical questions, please call Customer Service at **1-800-222-5381**.
- Not all product components are available for replacement. The illustrations provided are a convenient reference to the location and position of parts in the assembly sequence.
- When ordering parts, the following information will be required: item description, item model number, item serial number/item lot date code, and the replacement part reference number.
- The distributor reserves the rights to make design changes and improvements to product lines and manuals without notice.

Limited Warranty

Northern Tool and Equipment Company, Inc. ("We" or "Us") warrants to the original purchaser only ("You" or "Your") that the Ironton product purchased will be free from material defects in both materials and workmanship, normal wear and tear excepted, for a period of one year from date of purchase. The foregoing warranty is valid only if the installation and use of the product is strictly in accordance with product instructions. There are no other warranties, express or implied, including the warranty of merchantability or fitness for a particular purpose. If the product does not comply with this limited warranty, Your sole and exclusive remedy is that We will, at our sole option and within a commercially reasonable time, either replace the product or product component without charge to You or refund the purchase price (less shipping). This limited warranty is not transferable.

Limitations on the Warranty

This limited warranty does not cover: (a) normal wear and tear; (b) damage through abuse, neglect, misuse, or as a result of any accident or in any other manner; (c) damage from misapplication, overloading, or improper installation; (d) improper maintenance and repair; and (e) product alteration in any manner by anyone other than Us, with the sole exception of alterations made pursuant to product instructions and in a workmanlike manner.

Obligations of Purchaser

You must retain Your product purchase receipt to verify date of purchase and that You are the original purchaser. To make a warranty claim, contact Us at 1-800-222-5381, identify the product by make and model number, and follow the claim instructions that will be provided. The product and the purchase receipt must be provided to Us in order to process Your warranty claim. Any returned product that is replaced or refunded by Us becomes our property. You will be responsible for return shipping costs or costs related to Your return visit to a retail store.

Remedy Limits

Product replacement or a refund of the purchase price is Your sole remedy under this limited warranty or any other warranty related to the product. We shall not be liable for: service or labor charges or damage to Your property incurred in removing or replacing the product; any damages, including, without limitation, damages to tangible personal property or personal injury, related to Your improper use, installation, or maintenance of the product or product component; or any indirect, incidental or consequential damages of any kind for any reason.

Assumption of Risk

You acknowledge and agree that any use of the product for any purpose other than the specified use(s) stated in the product instructions is at Your own risk.

Governing Law

This limited warranty gives You specific legal rights, and You also may have other rights which vary from state to state. Some states do not allow limitations or exclusions on implied warranties or incidental or consequential damages, so the above limitations may not apply to You. This limited warranty is governed by the laws of the State of Minnesota, without regard to rules pertaining to conflicts of law. The state courts located in Dakota County, Minnesota shall have exclusive jurisdiction for any disputes relating to this warranty.



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