

HTTMT US-FF932-BK1

HTTMT 5 Gallon Air Tire Bead Seater Blaster Tool Instruction Manual

Model: US-FF932-BK1

Brand: HTTMT

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your HTTMT 5 Gallon Air Tire Bead Seater Blaster Tool. Please read this manual thoroughly before operation and retain it for future reference.

SAFETY INFORMATION

- Always wear appropriate personal protective equipment, including eye and hearing protection, during operation.
- Ensure the tool is used in a well-ventilated area.
- Do not exceed the maximum operating pressure of 145 PSI (1 MPa).
- Regularly inspect the tool for any damage or wear before each use. Do not use if damaged.
- Keep hands and other body parts clear of the tire bead and nozzle during operation.
- This tool is designed for professional use. Modifications may be required for specific applications.
- Secure the tire and wheel assembly properly before attempting to seat the bead.
- Never point the nozzle at yourself or others.
- Release all air pressure from the tank before storage or maintenance.

PRODUCT COMPONENTS

The HTTMT 5 Gallon Air Tire Bead Seater Blaster Tool includes the following main components:

- 5 Gallon Steel Air Tank
- Air Pressure Gauge
- On/Off Ball Valve
- Air Inlet Valve

- Safety Relief Valve
- Angled Nozzle/Barrel
- Carry Handle



Figure 1: All components of the HTTMT 5 Gallon Air Tire Bead Seater Blaster Tool.

Description: This image displays all individual components of the bead seater tool, including the black 5-gallon air tank, the air pressure gauge, the main on/off valve with a green handle, the air inlet valve, the safety relief valve, the angled nozzle, and a roll of thread seal tape.

SPECIFICATIONS

Feature	Detail
Model Number	US-FF932-BK1
Capacity	5 Gallons
Material	#235 Steel
Color	Black
Thickness	2.75 mm
Weight	23.5 lbs
Operating Pressure	87-116 PSI (0.6-0.8 MPa)
Maximum Pressure	145 PSI (1 MPa)
ATV Tire Pressure	40 PSI
Tire Compatibility	Up to 24.5 inches



Figure 2: Product dimensions.

Description: This image illustrates the approximate dimensions of the air tank, showing a length of 16 inches and a diameter of 10 inches.

SETUP

1. **Unpack Components:** Carefully remove all components from the packaging. Verify that all parts listed in the "Product Components" section are present.
2. **Assemble Gauge and Valves:**
 - Apply thread seal tape (provided) to the threaded connections of the air pressure gauge, on/off ball valve, air inlet valve, and safety relief valve.
 - Thread the air pressure gauge into its designated port on the tank.
 - Thread the on/off ball valve assembly (with the angled nozzle) into the main outlet port.

- Thread the air inlet valve and safety relief valve into their respective ports.
- Ensure all connections are hand-tightened, then use a wrench for a final snug turn to prevent air leaks. Do not overtighten.

3. **Connect Air Supply:** Connect an air compressor hose to the air inlet valve on the bead seater.



Figure 3: Close-up of the pressure gauge and valve assembly.

Description: This image provides a detailed view of the air pressure gauge, the main on/off valve with a green handle, and the red-handled air inlet valve, showing their positions on the tank.

OPERATING INSTRUCTIONS

This tool is designed to quickly seat tire beads on various vehicles, including trucks and ATVs.

1. **Prepare the Tire:** Ensure the tire and wheel are clean and free of debris. Lubricate the tire beads and wheel rim with appropriate tire mounting lubricant.
2. **Position the Tire:** Place the tire and wheel assembly on a stable surface. Ensure the tire is positioned correctly on the rim, with both beads as close to the rim flanges as possible.
3. **Charge the Tank:** Close the main on/off ball valve (green handle). Connect an air compressor to the air inlet valve and

charge the tank to the desired pressure. For most applications, 87-116 PSI (0.6-0.8 MPa) is sufficient. Do not exceed 145 PSI (1 MPa). The air gauge will display the current pressure.

4. **Position the Nozzle:** Position the angled nozzle of the bead seater between the tire bead and the wheel rim. Aim the nozzle to direct the air blast into the gap, ensuring it is securely placed to prevent kickback.
5. **Seat the Bead:** While holding the nozzle firmly in place, quickly open the main on/off ball valve (green handle) to release a rapid burst of air. This sudden rush of air will force the tire bead against the rim, seating it.
6. **Check Bead Seating:** After the blast, immediately close the main on/off ball valve. Inspect the tire to ensure both beads are fully seated around the entire circumference of the rim. If not, repeat steps 4-5.
7. **Inflate Tire:** Once the bead is seated, disconnect the bead seater and inflate the tire to its recommended operating pressure using a standard tire inflator.
8. **Release Tank Pressure:** After use, open the main on/off ball valve to release any remaining air pressure from the tank before storing the tool.

Quick and Easy

Efficiently inflate tire side walls up to 24.5 with specially designed long metal barrel



Figure 4: Demonstrating the bead seating process.

Description: This image shows the bead seater being used to inflate a tire sidewall, illustrating the efficient operation with its long metal barrel.

Carry handle
for easy portability



Angled Hook

Figure 5: Carry handle and angled hook for ease of use.

Description: This image highlights the integrated carry handle for portability and the angled hook on the nozzle, designed to assist in positioning the tool during operation.

MAINTENANCE

- **Cleaning:** Wipe down the tool with a clean, dry cloth after each use to remove dirt and debris.
- **Storage:** Store the bead seater in a dry, clean environment, away from direct sunlight and extreme temperatures. Ensure all air pressure is released before storage.
- **Inspection:** Periodically inspect all valves, hoses, and connections for signs of wear, damage, or leaks. Replace any damaged components immediately.
- **Safety Valve Check:** Occasionally test the safety relief valve by gently pulling its ring to ensure it operates freely.

Safety Operation

All steel Construction with powder coating makes for a high quality tank



Easy Read

Figure 6: Safety valve and easy-to-read gauge.

Description: This image provides a close-up of the easy-to-read pressure gauge and the safety relief valve, emphasizing the safety aspect of the tool's design.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Air leaks from connections.	Loose connections, insufficient thread seal tape, damaged O-rings/seals.	Tighten connections. Reapply thread seal tape. Inspect and replace O-rings/seals if necessary.
Tire bead does not seat.	Insufficient air pressure, improper nozzle positioning, tire/rim not lubricated, tire not properly positioned.	Increase tank pressure (within limits). Reposition nozzle. Apply more lubricant. Ensure tire is centered on rim.

Safety relief valve
activates
prematurely.

Tank over-pressurized, faulty safety valve.

Ensure tank is not charged above 145 PSI. If
problem persists, the safety valve may need
replacement.

WARRANTY AND SUPPORT

For warranty information or technical support regarding your HTTMT 5 Gallon Air Tire Bead Seater Blaster Tool, please contact HTTMT customer service. Refer to your purchase documentation for specific warranty terms and contact details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question