



[Manuals.plus](#) /

› [Harbor Freight Tools](#) /

› Pistol Grip Air Shears User Manual

Harbor Freight Tools Pistol Grip Air Shears

Pistol Grip Air Shears User Manual

Model: Pistol Grip Air Shears | Brand: Harbor Freight Tools

INTRODUCTION

Thank you for choosing the Harbor Freight Tools Pistol Grip Air Shears. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new air shears. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

Always follow basic safety precautions when using this tool to reduce the risk of personal injury and damage to the tool. This includes, but is not limited to:

- **Eye Protection:** Always wear ANSI-approved safety goggles.
- **Hearing Protection:** Wear hearing protection during extended use.
- **Hand Protection:** Use heavy-duty work gloves to protect hands from sharp edges and vibration.
- **Work Area:** Keep the work area clean, well-lit, and free of clutter. Ensure proper ventilation.
- **Air Supply:** Ensure the air supply is clean, dry, and regulated to the specified pressure. Do not exceed the maximum air pressure.
- **Tool Condition:** Inspect the tool for damage before each use. Do not use if damaged.
- **Material Compatibility:** Only use the shears on materials within their cutting capacity.
- **Disconnect Air:** Always disconnect the air supply before making adjustments, changing accessories, or performing maintenance.

SETUP

Before operating the air shears, ensure proper setup:

1. **Air Compressor:** Connect the air shears to an air compressor capable of delivering the required CFM (Cubic Feet per Minute) and PSI (Pounds per Square Inch) for the tool. Refer to the specifications section for details.

2. **Air Hose:** Use a durable air hose with a minimum inner diameter of 3/8 inch. Ensure all connections are secure and leak-free.
3. **Air Filter/Lubricator:** Install an in-line air filter to remove moisture and debris from the air supply. An in-line lubricator is recommended to ensure proper lubrication of the tool's internal components.
4. **Regulator:** Use an air pressure regulator to set the operating pressure to the recommended PSI.
5. **Initial Lubrication:** Before first use, add a few drops of pneumatic tool oil into the air inlet.



Figure 1: The Pistol Grip Air Shears, showing the compact design and cutting head. This image illustrates the tool's overall appearance and primary components.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation:

1. **Prepare Material:** Secure the material to be cut to prevent movement during operation. Mark the cutting line clearly.
2. **Connect Air:** Connect the air hose to the tool's air inlet.
3. **Set Pressure:** Adjust the air regulator to the recommended operating pressure (typically 90 PSI).
4. **Grip Tool:** Hold the air shears firmly with both hands if possible, or with a secure grip on the pistol handle.
5. **Start Cut:** Position the cutting blades at the edge of the material. Depress the trigger to start the cutting action.
6. **Guide Cut:** Guide the shears along the marked line, applying steady, even pressure. Do not force the tool.
7. **Finish Cut:** Release the trigger to stop the cutting action. Disconnect the air supply when finished or before setting the tool down for an extended period.

Important: Avoid cutting hardened materials, wires, or anything beyond the tool's specified capacity, as this can damage the blades and internal mechanism.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your air shears:

- **Lubrication:** Add 5-10 drops of pneumatic tool oil into the air inlet before each use, or every few hours of continuous operation. This lubricates the motor and extends tool life.
- **Air Filter:** Regularly check and drain the air filter to remove accumulated moisture.
- **Blades:** Inspect blades for sharpness and damage. Replace dull or damaged blades promptly. Refer to the manufacturer's instructions for blade replacement.
- **Cleaning:** Keep the tool clean and free of debris. Wipe down the exterior with a clean cloth. Do not use harsh

solvents.

- **Storage:** Store the tool in a dry, clean environment when not in use. Disconnect from air supply.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool not operating or low power	Low air pressure; Insufficient air supply (CFM); Clogged air filter; Lack of lubrication; Damaged internal components.	Check air pressure and adjust regulator; Ensure compressor meets CFM requirements; Clean/drain air filter; Add pneumatic tool oil; Contact qualified service personnel.
Excessive air leakage	Loose fittings; Damaged O-rings or seals.	Tighten all air fittings; Replace worn or damaged O-rings/seals.
Blades not cutting cleanly	Dull or damaged blades; Cutting material too thick or hard.	Replace blades; Ensure material is within tool's capacity.

SPECIFICATIONS

Brand:	Harbor Freight Tools
Model:	Pistol Grip Air Shears
ASIN:	B016F1L4M0
Operating Pressure:	Typically 90 PSI (6.2 Bar)
Air Inlet:	1/4" NPT
Handle Material:	Alloy Steel
Finish Type:	Powder Coated
Hand Orientation:	Ambidextrous

WARRANTY AND SUPPORT

This product comes with a 90-day warranty from the date of purchase. For warranty claims, technical support, or replacement parts, please contact Harbor Freight Tools customer service or visit their official website. Retain your proof of purchase for warranty validation.

Contact Information: Refer to your purchase receipt or the official Harbor Freight Tools website for the most current contact details.

