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Central Pneumatic B006ZB8ZMS

Central Pneumatic Air File Instruction Manual

Model: B006ZB8ZMS

1. INTRODUCTION

The Central Pneumatic Air File is a compact and efficient pneumatic tool designed for material removal and filing in tight or hard-to-reach spots. This versatile tool utilizes compressed air to provide rapid filing action, making it suitable for various applications where precision and speed are required.

Key Features:

- **Air Consumption:** Approximately 8.5 CFM (Cubic Feet per Minute)
- **Working Pressure:** Requires 90 PSI (Pounds per Square Inch) for optimal performance
- **Low Noise Operation:** Designed for reduced operational noise



Figure 1: The Central Pneumatic Air File shown with its four interchangeable files: flat cut, half round, round, and triangular. This image displays the main body of the air file, the air inlet, and the file attachment mechanism.

2. SAFETY INFORMATION

Always observe basic safety precautions when using this product to reduce the risk of personal injury and damage to the

tool. Read and understand all instructions before operation.

- Wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves.
- Ensure the work area is clean, well-lit, and free from obstructions.
- Do not operate the air file if you are tired or under the influence of drugs, alcohol, or medication.
- Disconnect the air supply before making any adjustments, changing accessories, or performing maintenance.
- Do not exceed the maximum recommended air pressure of 90 PSI.
- Keep hands and body parts clear of the moving file during operation.
- Use only accessories and replacement parts recommended by the manufacturer.
- Store the tool in a dry, secure place out of reach of children.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged:

- Central Pneumatic Air File Unit
- Flat Cut File
- Half Round File
- Round File
- Triangular File
- Instruction Manual (this document)

If any items are missing or damaged, please contact Central Pneumatic customer service immediately.

4. SETUP

Proper setup is crucial for the safe and efficient operation of your air file.

4.1 Air Supply Connection:

1. Ensure your air compressor is turned off and the air tank is drained.
2. Connect a standard 1/4 inch NPT air hose (not included) to the air inlet on the rear of the air file. Use thread sealant tape for a secure, leak-free connection.
3. Connect the other end of the air hose to your air compressor's regulated output.
4. Set your air compressor's regulator to 90 PSI. Do not exceed this pressure.

4.2 Compressor Requirements:

The performance of your air file is directly related to the capacity of your air compressor. Refer to the chart below for recommended compressor tank sizes based on usage:



Air File Set with 4 Files

Clear away material quickly or file in tight spaces

- **Impact Rate: 3,700 BPM**
- **Stroke Length: 3/8"**

COMPRESSOR REQUIREMENT	
29+ GAL.	CONTINUOUS
7-28 GAL.	INTERMITTENT
1-6 GAL.	NOT RECOMMENDED

Figure 2: This chart illustrates the recommended air compressor tank sizes for optimal performance of the air file. For continuous use, a 29+ gallon compressor is recommended. For intermittent use, 7-28 gallon compressors are suitable. 1-6 gallon compressors are not recommended.

4.3 Initial Lubrication:

Before first use, and regularly thereafter, add 3-5 drops of pneumatic tool oil (not included) into the air inlet of the tool. This lubricates the internal components and ensures smooth operation and longevity.

4.4 Attaching a File:

1. Ensure the air file is disconnected from the air supply.
2. Identify the desired file type (flat cut, half round, round, or triangular) for your task.
3. Insert the shank of the file into the chuck opening at the front of the air file.
4. Secure the file by tightening the chuck collar or mechanism (refer to tool specific design for exact method, typically a set screw or quick-release). Ensure the file is firmly seated and cannot wobble.

5. OPERATING INSTRUCTIONS

Once the air file is properly set up and connected to the air supply, you can begin operation.

1. **Prepare Workpiece:** Secure the material you intend to file in a vise or clamp to prevent movement during operation.
2. **Grip the Tool:** Hold the air file firmly with both hands if possible, or with one hand providing stable control.
3. **Activate Tool:** Depress the trigger or lever located on the top of the tool to start the filing action. The file will begin to reciprocate rapidly.

4. **Apply to Workpiece:** Gently bring the moving file into contact with the workpiece. Apply light, consistent pressure. Avoid excessive force, as this can bog down the tool and reduce its effectiveness, potentially causing premature wear or damage.
5. **Control Movement:** Guide the file along the desired path, allowing the tool to do the work. The different file shapes allow for various applications, such as flat surfaces, curves, or internal angles.
6. **Deactivate Tool:** Release the trigger to stop the filing action.
7. **Inspect Work:** Periodically stop and inspect your work to ensure you are achieving the desired result.

Note: The tool operates at a stroke rate of approximately 3,700 strokes per minute, providing fast material removal. Always maintain a firm grip and control.

6. MAINTENANCE

Regular maintenance will extend the life of your Central Pneumatic Air File and ensure its continued performance.

6.1 Lubrication:

- Add 3-5 drops of pneumatic tool oil into the air inlet before each use, or at least once daily if used frequently.
- Run the tool for a few seconds after oiling to distribute the lubricant.

6.2 Cleaning:

- After each use, disconnect the air supply and wipe down the tool with a clean, dry cloth.
- Remove any debris or filings from the chuck area and the file itself. A stiff brush can be used for the files.

6.3 Storage:

- Store the air file in a clean, dry environment, away from excessive moisture or extreme temperatures.
- Ensure the tool is disconnected from the air supply before storage.

7. TROUBLESHOOTING

If you encounter issues with your Central Pneumatic Air File, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool barely works or binds up with light pressure.	Insufficient air pressure. Lack of lubrication. File not properly secured. Internal mechanism wear/damage.	Ensure air compressor is set to 90 PSI and can maintain sufficient CFM. Add pneumatic tool oil to the air inlet. Check that the file is securely tightened in the chuck. If issues persist, contact customer support.
Air blows out exhaust, but file does not move or moves very slowly.	Internal valve or piston issue. Excessive internal friction due to lack of lubrication.	Ensure proper lubrication. This often indicates an internal component failure. The tool may require professional repair or replacement. Contact customer support.

Problem	Possible Cause	Solution
Excessive noise or vibration.	Lack of lubrication. Loose components. Worn internal parts.	Lubricate the tool. Check for any loose external parts. If noise persists, discontinue use and contact customer support.

8. SPECIFICATIONS

Attribute	Detail
Brand	Central Pneumatic
Model Number	B006ZB8ZMS (ASIN)
Material	Aluminum (Body), Alloy Steel (Files)
Color	Black
Item Weight	2.75 Pounds
Package Dimensions	9.2 x 2.8 x 2.7 inches
Air Consumption	8.5 CFM
Working Pressure	90 PSI
Stroke Per Minute	3,700 BPM
Stroke Length	3/8"
Handle Material	Aluminum
Included Components	Handle, Flat Cut File, Half Round File, Round File, Triangular File

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts for your Central Pneumatic Air File, please refer to the warranty card included with your purchase or visit the official Central Pneumatic website. You may also contact their customer service directly for assistance.

It is recommended to keep your purchase receipt as proof of purchase for any warranty claims.

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Related Documents - B006ZB8ZMS

 <p>CENTRAL PNEUMATIC 3" AIR CUT-OFF TOOL WITH 5" EXTENSION Model 67996 SET UP AND OPERATING INSTRUCTIONS</p> <p>AIR PIN NAILER 23-GAUGE Model 97526 95882 ASSEMBLY AND OPERATION INSTRUCTIONS</p> <p>AIR BRAD FINISH NAILER 16 GAUGE - 2" Model 97520 94481 ASSEMBLY AND OPERATING INSTRUCTIONS</p> <p>STRAIGHT LINE MINI SANDER Model 97956 SET UP AND OPERATING INSTRUCTIONS</p> <p>AIR RECIPROCATING SANDER Model 98189 SET UP AND OPERATING INSTRUCTIONS</p> <p>PRESSURE BLASTING SYSTEM Model 93889 ASSEMBLY AND OPERATING INSTRUCTIONS</p>	<p><u>Central Pneumatic 3" Air Cut-Off Tool with 5" Extension Model 67996: Setup and Operating Instructions</u></p> <p>Comprehensive setup, operating, safety, and maintenance instructions for the Central Pneumatic 3" Air Cut-Off Tool with 5" Extension, Model 67996. Includes warnings, troubleshooting, parts list, and warranty information from Harbor Freight Tools.</p>
 <p>CENTRAL PNEUMATIC AIR PIN NAILER 23-GAUGE Model 97526 95882 ASSEMBLY AND OPERATION INSTRUCTIONS</p>	<p><u>Central Pneumatic 23-Gauge Air Pin Nailer Assembly and Operation Instructions</u></p> <p>Assembly and operation instructions for the Central Pneumatic 23-Gauge Air Pin Nailer (Models 97526, 95882). Includes specifications, safety rules, setup, operation, maintenance, troubleshooting, parts list, and warranty information.</p>
 <p>CENTRAL PNEUMATIC AIR BRAD FINISH NAILER 16 GAUGE - 2" Model 97520 94481 ASSEMBLY AND OPERATING INSTRUCTIONS</p>	<p><u>Central Pneumatic 16 Gauge Air Brad Finish Nailer 97520 Assembly and Operating Instructions</u></p> <p>Assembly and operating instructions for the Central Pneumatic 16 Gauge Air Brad Finish Nailer (Model 97520, 94481). Covers product specifications, safety warnings, operation, maintenance, troubleshooting, parts list, and warranty.</p>
 <p>CENTRAL PNEUMATIC STRAIGHT LINE MINI SANDER Model 97956 SET UP AND OPERATING INSTRUCTIONS</p>	<p><u>Central Pneumatic Straight Line Mini Sander Model 97956: Setup and Operating Instructions</u></p> <p>Comprehensive setup, operating, safety, and maintenance instructions for the Central Pneumatic Model 97956 Straight Line Mini Sander. Includes important safety warnings, troubleshooting, and warranty information.</p>
 <p>CENTRAL PNEUMATIC AIR RECIPROCATING SANDER Model 98189 SET UP AND OPERATING INSTRUCTIONS</p>	<p><u>Central Pneumatic 98189 Air Reciprocating Sander: Setup, Operation, and Safety Manual</u></p> <p>Comprehensive guide for the Central Pneumatic 98189 Air Reciprocating Sander, covering setup, operating instructions, safety precautions, maintenance, troubleshooting, and parts list. Ensure safe and effective use of your pneumatic sander.</p>
 <p>CENTRAL PNEUMATIC PRESSURE BLASTING SYSTEM Model 93889 ASSEMBLY AND OPERATING INSTRUCTIONS</p>	<p><u>Central Pneumatic 93889 Pressure Blasting System Assembly and Operating Instructions</u></p> <p>This manual provides comprehensive assembly, operating, safety, maintenance, and troubleshooting instructions for the Central Pneumatic 93889 Pressure Blasting System. It includes product specifications, parts lists, and detailed guidance for safe and effective use.</p>