

# ROCKWOOD AIR HAMMER AND CHISEL SET

## INSTRUCTIONS



The **ROCKWOOD AIR HAMMER & CHISEL SET** features a high-performance 4500 bpm (blows per minute) design for quick and efficient operation. It accepts any standard 0.401" Parker Taper shank air hammer tool bit and includes four of the most popular tool bit configurations.

## CONTENTS

- (1) Air Hammer.
- (1) Retaining Spring.
- (1) Taper Punch.
- (1) Sheet Metal Cutter.
- (1) Sheet Metal Trimmer.
- (1) Flat Chisel.
- (1) 1/4" MNPT, Male quick disconnect inlet fitting



## SPECIFICATIONS

<b>Shank Capacity:</b>	Standard 0.401" Parker Taper
<b>BPM:</b>	4,500 free speed
<b>Air Consumption:</b>	4 CFM [113 L/min] @ 90 PSI [6.2 bar]
<b>Max. Operating Air Pressure:</b>	90 PSI [6.2 bar]
<b>Inlet Thread Size:</b>	1/4" FNPT

# SAFETY INFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided with this product:

## DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

## WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

## CAUTION

CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

## NOTICE

NOTICE is used to address practices not related to personal injury.



### READ INSTRUCTIONS

- Thoroughly read and understand these product instructions before using this tool. Failure to follow all warnings can result in tool damage or serious physical injury.
- Keep these product instructions for future reference.



### WARNING EYE INJURY HAZARD!

- Rapidly moving surfaces can eject metal particles, dirt and debris at high velocity. Always wear ANSI approved eye protection when operating this tool.



### WARNING HEARING DAMAGE HAZARD!

- This Rockwood Pneumatic Tool emits high sound levels while operating. Use ANSI approved ear protection when operating.



### CAUTION BURSTING HAZARD!

- Do not exceed 90 psi (6.2 bar) of tool inlet pressure. Permanent tool damage and/or explosion could occur and cause personal injury.



### **⚠ CAUTION INJURY HAZARD!**

- This tool has high-speed, highly aggressive chiseling surfaces which can quickly cause severe injury. Keep fingers and hands away from moving parts when operating. Wear thick, well-fitting work gloves and keep loose clothing, sleeves, cords, jewelry and hair away from moving parts.
- This tool may eject sparks during use which can ignite flammable materials or injure others nearby. Do not operate near flammable materials and keep all persons and pets away from the work area.
- Do not force tool while in use as the tool body can suddenly kick back causing severe hand or wrist injury. Air Tool Bits may disintegrate with excessive side force causing them to fracture and eject sharp pieces at high velocity.
- Always make sure the workpiece is securely clamped or anchored to avoid sudden movements which could result in injury.
- Frequently inspect condition of Air Tool Bits. If cracks develop, discontinue tool use.

### **⚠ CAUTION VIBRATION INJURY HAZARD!**

- This tool will vibrate during use! Repeated exposure to vibration may cause physical injury.

## SET UP & CONNECTION

### **⚠ CAUTION INJURY HAZARD!**

**Disconnect air supply from the Hammer to prevent accidental starting and potential injury while placing a tool bit in the bore.**

- Be sure that the air supply to the tool is clean and dry. Moisture in the supply line will quickly damage the motor and valves.
- A minimum 3/8" I.D. air line should be used for optimal performance.
- Thread the retaining spring onto the machined spiral-grooved end of the hammer body with the protruding ear inward. Rotate the spring using the ear as a lever (**Fig 1**).
- Make sure the Hammer is disconnected from the air supply. The bit is slid into the bore of the hammer drive piston using the spring to retain it. The Spring must be deflected by pulling firmly outward and back so that the formed "U" fits over the flange portion of the tool shank (**Fig 2**). This keeps the tool bit in place while hammering.
- To remove a bit, disconnect air supply, pull spring "U" outward and back and release tool bit from bore.

# OPERATION

**⚠ WARNING INJURY HAZARD!**

**Disconnect air supply from the Hammer to prevent accidental starting and potential injury while placing a tool bit in the bore.**

- Place the desired tool bit against work piece and depress trigger to actuate hammering. Always use two hands to control tool.
- Speed is regulated by rotating the knurled Knob located at the underside of the Gun Grip. To increase speed: rotate in a Counter-Clockwise direction (as viewed from the underside of the Gun Grip). To decrease speed: rotate Knob in a Clockwise direction.
- Avoid running the Hammer freely without a workload, permanent internal tool damage can occur.



# MAINTENANCE

- Add several drops of air tool oil before each use directly into the air inlet.
- If Hammer is to be unused for an extended period, add 10 drops of air tool oil directly to the air inlet then store the Hammer handle up.

# TROUBLESHOOTING

<b>PROBLEM</b>	<b>CAUSE</b>	<b>SOLUTION</b>
<b>Tool Doesn't Respond to Trigger Depression</b>	Insufficient volume of air (CFM) to operate tool	Verify sufficient air supply to tool. (4 CFM @ 90 PSI minimum requirement)
	Moisture or other contamination in air supply	Check for moisture in air line and tool air inlet
<b>Tool Performance is Slow or Sluggish</b>	Insufficient volume of air (CFM) to operate tool	Verify sufficient air supply to tool (4 CFM @ 90 PSI minimum requirement)
	Moisture or other contamination in air supply	Check for moisture in air line and tool air inlet
	Air Motor is lacking lubrication	Stop use immediately and add air tool oil directly to air inlet
<b>Tool Cycles Excessively but Air Tool Bit Moves Very Little or Not at All</b>	Air Tool Bit has worked loose from Spring Retainer	Stop use immediately and re-attach spring to Air Tool Bit Shank



# ADDITIONAL ITEMS

- #70491 Eastwood Industrial Air Hose, 3/8" x 25'
- #70492 Eastwood Industrial Air Hose, 3/8" x 50'
- #13223 Face Shield with Ratcheting Headband
- #31476 Air Hammer Drift Pin Set

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**If you have any questions about the use of this product, please contact**

The Eastwood Technical Assistance Service Department: 800.343.9353 >> email: [techelp@eastwood.com](mailto:techelp@eastwood.com)

PDF version of this manual is available online >> [eastwood.com/31893manual](http://eastwood.com/31893manual)

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