

PISTOL GRIP NEEDLE SCALER

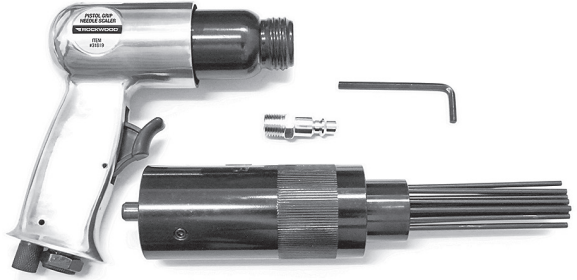
INSTRUCTIONS



The **ROCKWOOD PISTOL GRIP NEEDLE SCALER** make fast work of heavy rust, scale and caked-on grime removal from most heavy-duty steel and cast iron frames and components. A hard-hitting, 1-11/16" [43mm] stroke with 6" [150mm] Chisel Fingers for maximum effectiveness. Speed is easily controlled with an infinitely progressive, rotating knob control.

CONTENTS

- (1) Pistol Grip Needle Scaler Tool
- (1) Chisel Finger Assembly
- (1) 3mm Hex Key
- (1) 1/4" MNPT, Male Quick Disconnect Inlet Fitting



SPECIFICATIONS

- Blows Per Minute:** 4,500 BPM
- Stroke:** 1-11/16" [43mm]
- Air Consumption:** 4 CFM [113 L/min] @90 PSI. [6.3bar]
- Inlet Thread Size:** 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 (6.3 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. Chisel Fingers 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 Chisel Fingers and tool condition. If cracks develop, discontinue tool use.

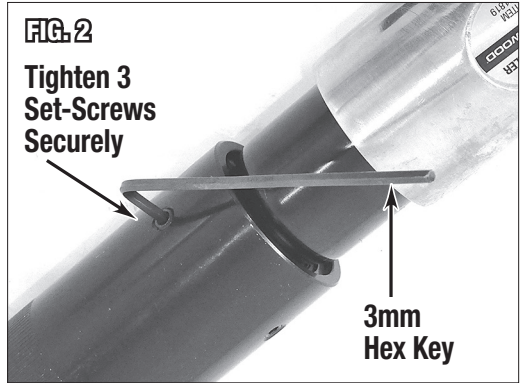
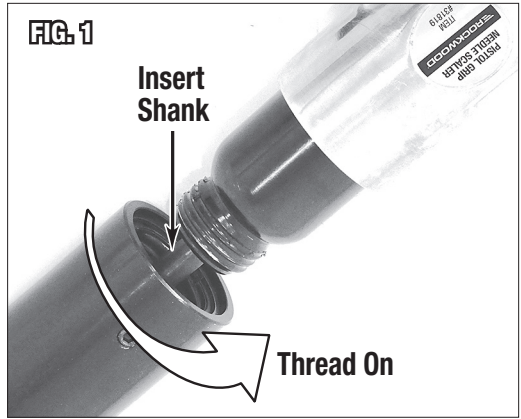


⚠ CAUTION VIBRATION INJURY HAZARD!

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

SET-UP

- Insert the Shank of the Chisel Finger Assembly Thread loosely into the counterbore at the end of the Needle Scaler Tool nose (**FIG 1**).
- Thread the Chisel Finger Assembly over the coarsely threaded nose of the tool body until it seats fully (**FIG 1**).
- Using the included 3mm Hex Key, tighten the three retaining set screws arranged around the circumference of the Chisel Finger Assembly shell (**FIG 2**).
- Using a good quality Teflon sealing tape (Not Included), thread the 1/4" MNPT, Male quick disconnect inlet fitting into the air inlet.

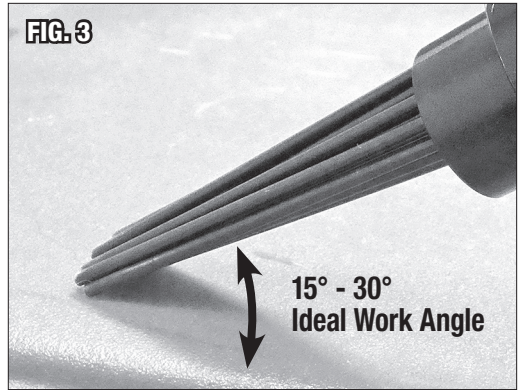


CONNECTION

- 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.

OPERATION

- Connect air supply, depress Trigger to begin Chiseling action.
- 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.
- For maximum effectiveness, align Chisel Fingers at a 15° to 30° angle to work surface (**Fig 3**). As they approach 90°, they become less effective and may damage the Fingers and work surfaces.



▲ NOTICE

To avoid premature Chisel Finger wear, **DO NOT** allow Chisel Fingers to approach a 90° angle to the work surface.

MAINTENANCE

- Add several drops of air tool oil before each use by dropping directly into the air inlet.
- If tool is to be unused for an extended period, add 10 drops of air tool oil directly to the air inlet, rotate the tool motor by hand several times to distribute the oil throughout the motor and gearbox then store the tool, handle up.

TROUBLESHOOTING

Tool Doesn't Respond to Trigger Depression	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.
Tool Performance is Slow or Sluggish	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.
Tool is Excessively Cycles but Chisel Fingers Move Very Little or Not at All	Chisel Finger Assembly has loosened from Tool Body	Stop use immediately and re-tighten Chisel Finger Assembly to Tool Body.

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

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

PDF version of this manual is available online >> eastwood.com/31819manual

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