

6" DUAL-ACTION AIR SANDER

INSTRUCTIONS



The **ROCKWOOD 6" DUAL-ACTION "D/A" AIR SANDER** is a heavy-duty professional quality tool ruggedly designed for many years of reliable service. It features a high-efficiency, ball bearing motor and eccentric drive assembly for smooth operation and long life. Speed is easily controlled with an infinitely progressive throttled speed control and built-in speed regulator knob. A lockable output shaft feature allows direct orbital rotation or random orbital action.

CONTENTS

- (1) Dual-Action Air Sander
- (1) 6" PSA Pad
- (1) 1/4" NPT Air Inlet Coupling

REQUIRED FOR USE

- The inlet air supply should have a moisture separator capable of removing all moisture and impurities from the air supply. Moisture and/or oil in the air supply will cause poor tool performance and damage.
- A suitable regulator must be used to limit incoming air pressure to 90 PSI maximum. Excessive air pressure can cause permanent damage to the unit and possible serious personal injury from bursting.
- For best results, a compressor capable of providing a minimum of 4 CFM @ 90 PSI is required for best performance. Less available CFM will negatively affect the performance of the Sander and may overwork the compressor.

SPECIFICATIONS

- Sanding Disc Size & Type:** 6" [152mm] PSA Type
- RPM:** 10,000 free speed
- Air Consumption:** 4 CFM [113 L/min] @90 PSI [6.2 bar]
- Inlet thread size:** 1/4" FNPT
- Replacement Backing Pad:** 6" PSA or Hook and Loop with 5/16"-24 threaded post (Minimum 10,000 RPM rating)

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

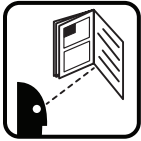
WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

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 rotating 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 bursting could occur and cause personal injury.



⚠ CAUTION INJURY HAZARD!

- This tool has high-speed, abrasive surfaces which can quickly cause 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 can eject sparks which can ignite flammable materials. Do not operate near flammable materials and keep all persons and pets away from the work area.
- Always make sure the workpiece is securely clamped or anchored to avoid sudden movements which could result in injury.
- Always disconnect tool from air supply when changing Backing Pad or Sanding Disc to prevent accidental tool starting and potential severe injury.
- Frequently inspect Backing Pad and tool condition. If cracks develop, discontinue tool use immediately and replace damaged pad. **ONLY USE** replacement Backing Pads rated for 10,000 RPM or greater otherwise severe injury can result in the event of Pad failure.

⚠ CAUTION VIBRATION INJURY HAZARD!

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

SET-UP & CONNECTION

▲ NOTICE

Be sure that the air supply to the tool is clean and dry. Moisture in the supply line will quickly damage the air motor and valves.

A minimum 3/8" I.D. air line should be used for optimal performance.

- Wrap white thread sealing tape (not included) around the threads of a 1/4" Male NPT quick disconnect fitting (not included) then thread it into the 1/4" NPT inlet threads of the Sander Body.
- Attach Air Supply to Inlet Fitting.

OPERATION

▲ WARNING INJURY HAZARD!

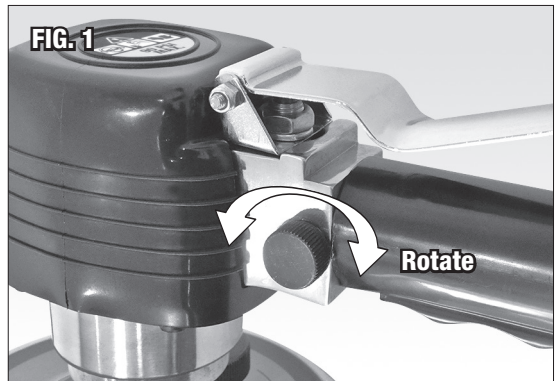
Disconnect air supply from the tool to prevent accidental starting and potential injury while installing or removing Sanding Discs.

- To apply a PSA (pressure sensitive adhesive) Polishing and Sanding Disc, remove the protective backing film, be certain the Disc is centered over the Backing Pad and press it in place with no wrinkles or air bubbles.

▲ NOTICE

Sanding Discs must be centered over the backing pad or a dangerous out of balance condition can occur.

- The PSA sanding Discs are removed by gripping the edge and pulling away from the backing pad.
- Reconnect air supply; depress the throttle to begin polishing or sanding action. Speed is controlled by pressure applied to the Paddle while the Knob mounted at the left side of the body is used to regulate maximum speed. Rotating the Knob Clockwise raises the speed limit while rotating it Counter-Clockwise lowers it (**FIG 1**).



SWITCHING SPINDLE BETWEEN DIRECT ORBITAL ROTATION AND RANDOM ORBITAL ROTATION

⚠ WARNING INJURY HAZARD!

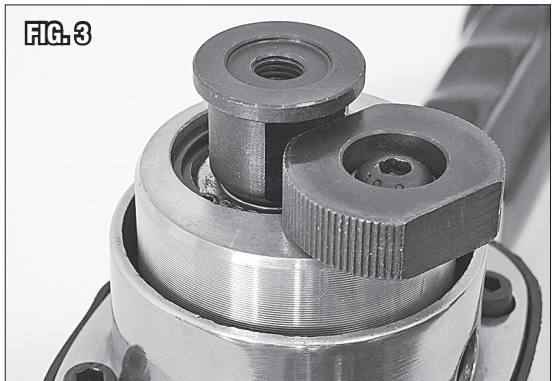
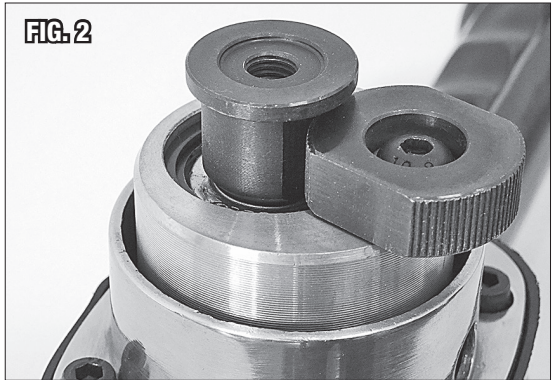
Disconnect air supply from the tool to prevent accidental starting and potential injury while making adjustments.

To set the Arbor for fixed orbital rotation

Grasp the serrated surfaces of the Locking Wedge and rotate it so the serrated surfaces face the flats of the Arbor Shaft (**FIG 2**).

To set the Arbor for random orbital rotation

Grasp the serrated surfaces of the Locking Wedge and rotate it so the flat surfaces face the flats of the Arbor Shaft (**FIG 3**).

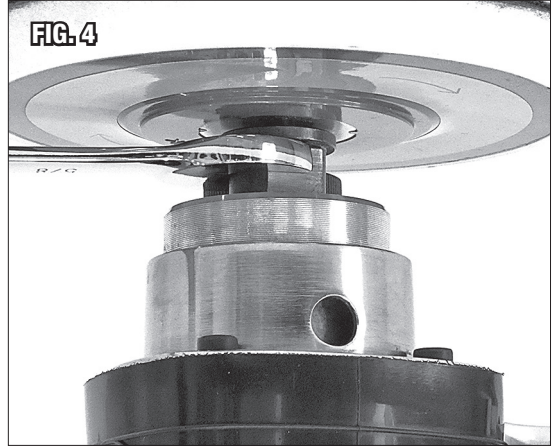


BACKING PAD REPLACEMENT

⚠ WARNING INJURY HAZARD!

Disconnect air supply from the tool to prevent accidental starting and potential injury while installing or removing Backing Pad.

- To replace the 6" PSA (pressure sensitive adhesive) Backing Pad, place a 5/8" Wrench (not included) on the Hex of the Arbor Shaft (**FIG 4**) while gripping the Backing Pad in your fingers and loosen in a counter-clockwise direction.
- Place replacement Backing Pad threaded arbor into the 5/16"-24 female threaded output shaft then use a 5/8" Wrench (not included) to hold the shaft while the pad is tightened.



⚠ NOTICE

Be sure the Backing Pad is securely tightened on the output shaft before operating tool.

MAINTENANCE

- Before each use, add a few drops of a quality air tool oil (not included).
- If tool is to be unused for an extended period, add 10 drops of air tool oil directly to the air inlet then store the tool, inlet up.
- With the air supply disconnected, periodically check that the backing pad is tight.

TROUBLESHOOTING

PROBLEM	CAUSE	CORRECTION
Tool Doesn't Respond to Paddle Depression	Insufficient CFM at tool inlet (4 CFM minimum for best results)	Verify sufficient air supply to tool.
	Tool contaminated by moisture	Check for moisture in air line and tool air inlet.
Tool Performance is Slow or Sluggish	Insufficient CFM at tool inlet (4 CFM minimum for best results)	Verify sufficient air supply to tool.
	Tool contaminated by moisture	Check for moisture in air line and tool air inlet.
Tool Vibrates Excessively During Use	Cracked, broken or loose backing pad	Stop use immediately and check for cracked or broken backing pad.
		Check for loose backing pad.
Tool Emits Excessive or Unusual Noise During Use	Lack of lubrication in air motor	Stop use immediately and add a quality air tool oil.

ADDITIONAL ITEMS

- #16140 Replacement Eastwood 6" PSA Backing Pad
- #16141 Eastwood 6" Hook and Loop Backing Pad
- #70491 Eastwood Industrial Air Hose, 3/8" x 25'
- #70492 Eastwood Industrial Air Hose, 3/8" x 50'

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

The Eastwood Technical Assistance Service Department: 800.343.9353 >> email: techhelp@eastwood.com

PDF version of this manual is available at eastwood.com

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