

Eastwood

DO THE JOB RIGHT.

Part #13733

4-1/2" PNEUMATIC ANGLE GRINDER/SANDER INSTRUCTIONS



Your **Eastwood 4-1/2" Angle Grinder/Sander** is a heavy-duty professional quality tool ruggedly designed for many years of reliable service. It features a heavy-gauge wheel guard and an interchangeable auxiliary handle for maximum safety. A high-torque ball bearing motor and hardened spiral bevel gears provide smooth operation and long life. Speed is easily controlled with an infinitely progressive throttled trigger control.

WARNINGS

- Do not exceed 90 psi [6.3 bar] of tool inlet air pressure. Permanent tool damage and or personal injury could occur.
- Do not force tool or exert side forces on grinding wheel while cutting as the tool body can suddenly kick back or twist causing severe hand or wrist injury. Grinding wheels can also break with excessive side force causing them to shatter and eject sharp pieces at high velocity.
- Wear approved eye gear at all times when operating the tool for protection from possible ejected metal chips and shards which can be ejected at high velocity.
- This tool generates a trail of sparks which are ejected at high speed. Keep pets, people and flammable materials out of the path of the spark trail.
- Keep loose clothing, jewelry and long hair away from rotating components as serious personal injury can occur.
- Always disconnect tool from air supply when changing wheels to prevent accidental tool starting and potential injury.
- ONLY USE 4-1/2" grinding wheels or backing pads rated for a minimum of 10,000 RPM or serious injury or death can result in the event of wheel failure.
- ONLY USE grinding wheels with a 7/8" [22.2mm] mounting hole or a serious imbalance condition can occur.
- NEVER operate without guard in place or serious injury or death can result.
- Always make sure the workpiece being cut is securely clamped or anchored to allow two handed operation of the tool.
- This tool generates dust and particles from the sanding/grinding process which can be damaging to the respiratory system. Wear appropriate respiratory protection.

SPECIFICATIONS

- Arbor Size: 7/8" [22.2mm]
- Replacement wheel Size: 4-1/2" [114mm] O.D. x 7/8" [9.5mm] I.D. with a min. 10,000 RPM rating.
- RPM: 10,000 free speed.
- Air Consumption: 5 cfm [140 l/m].
- Inlet thread size: 1/4" FNPT.
- Variable speed, 3 vane, ball bearing air motor, hardened spiral bevel gear reduction.

INCLUDES

- 4-1/2" Angle Grinder/Sander
- 1 Flat Wrench
- 1 Spanner Pin Wrench
- 1 Grinding Wheel
- 1 Side mounted, Auxiliary Handle

SET UP AND 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

- Disconnect air supply from the tool to prevent accidental starting and potential injury while installing or removing grinding wheels or sanding disks.
- The grinding wheels are removed by gripping the flats on the output shaft with the included Flat Wrench while placing the Included 2 Pin Spanner Wrench into the holes in the retaining nut threaded into the shaft. Turn the nut in a counter-clockwise direction when viewed from the end. Remove retaining nut (note stepped orientation of nut is inward) then remove wheel.
- Place replacement wheel over the stepped 7/8" [22.2mm] diameter portion of the shaft, replace Retaining nut in the proper position with the stepped diameter inward, then use the wrenches to tighten. **IMPORTANT NOTE:** Be sure the retaining nut is securely tightened on the output shaft before operating tool.
- Reconnect air supply, move throttle safety lever forward and depress trigger to begin grinding or sanding action. Speed is regulated by pressure applied to the trigger.

MAINTENANCE

- Disconnect air supply from the tool to prevent accidental starting and potential injury while installing or removing grinding wheels or sanding disks.
- Add several drops of air tool oil before each use directly into the air inlet.
- If tool is to be unused for an extended period, add 10 drops of air tool oil directly into 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.
- With the air supply disconnected, periodically check that the retaining nut is tight.

TROUBLESHOOTING

- Tool doesn't respond to trigger depression:
 - Verify sufficient air supply to tool.
 - Check for moisture in air line and tool air inlet.
- Tool performance is slow or sluggish:
 - Verify sufficient air supply to tool.
 - Check for moisture in air line and tool air inlet.
- Tool vibrates excessively during use:
 - Stop use immediately and check for cracked or broken grinding wheel or disk.
 - Check for loose wheel retaining screw.
- Tool emits excessive noise during use:
 - Stop use immediately and add air tool oil directly into air inlet.

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

The Eastwood Technical Assistance Service Department:
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