Metabo W2000-9

Metabo W2000 9-inch Angle Grinder User Manual

Model: W2000-9 | Brand: Metabo

1. Introduction

Thank you for choosing the Metabo W2000 9-inch Angle Grinder. This powerful and ergonomically designed tool is engineered for demanding cutting, grinding, and sanding applications. To ensure safe and efficient operation, please read this manual thoroughly before using the grinder. Keep this manual for future reference.

2. General Safety Instructions

Always follow basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury. Familiarize yourself with all warnings and instructions.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges, and refrigerators.
- **Personal Safety:** Always wear eye protection. Use safety glasses, goggles, or a face shield. Wear hearing protection when operating the tool for extended periods. Dress properly; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Specific Grinder Safety:** Always ensure the wheel guard is properly installed and adjusted for maximum safety. Use only accessories rated for the grinder's speed and size. The safety lock switch helps prevent unintentional starting of the machine.

3. Components Overview

The Metabo W2000 Angle Grinder is designed for durability and ease of use. Key components include the motor housing, gear housing, spindle, wheel guard, side handle, and power cord.



This image displays the Metabo W2000 9-inch Angle Grinder. It features a dark green main body with a light gray gear housing and wheel guard. A black side handle is attached near the front, and a grinding disc is visible under the guard.

- **Motor Housing:** Contains the powerful 15 Amp motor.
- **Gear Housing:** Protects the internal gears and spindle.
- **Spindle Lock:** Button for locking the spindle to facilitate accessory changes.
- **Wheel Guard:** Adjustable burst-proof guard for user protection.
- **Side Handle:** Provides additional grip and control, can be positioned in 3 different locations.
- **Power Cord:** For connecting to a 120V AC/DC power source.

4. Setup and Assembly

Before first use, ensure all components are present and undamaged. Follow these steps for proper assembly:

1. **Attach the Side Handle:** Screw the side handle into one of the three threaded holes on the gear housing. Tighten securely.
2. **Install the Wheel Guard:** Position the wheel guard over the spindle collar. Ensure it is securely seated and can be rotated to the desired position for optimal protection. Tighten the guard's clamping mechanism.
3. **Mount the Grinding/Cutting Disc:**
    a. Press and hold the spindle lock button.
    b. Place the inner flange onto the spindle.
    c. Place the grinding or cutting disc onto the inner flange, ensuring it is centered.
    d. Thread the outer flange onto the spindle and tighten it firmly using the spanner wrench (not included, typically supplied with discs). Release the spindle lock.

5. Operating Instructions

Always wear appropriate personal protective equipment (PPE) before operating the grinder.

1. **Power Connection:** Connect the grinder to a 120 Volt AC/DC power outlet.
2. **Starting the Grinder:** The W2000 features a safety lock switch. To start, depress the safety lock switch and then press the main trigger switch.
3. **Stopping the Grinder:** Release the main trigger switch. The safety lock switch will automatically reset.
4. **Proper Grip:** Always hold the grinder firmly with both hands, utilizing the main handle and the side

handle. The 3-position side handle allows for comfortable operation in various orientations.

5. **Application:** Allow the disc to reach full speed (6,600 RPM no-load) before making contact with the workpiece. Apply steady, even pressure. Do not overload the tool.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your Metabo W2000 grinder.

- **Cleaning:** Keep the ventilation openings clear and clean. Regularly blow out dust and debris from the tool using compressed air.
- **Carbon Brushes:** The auto-stop carbon brushes are designed to increase the tool's service life. When they wear down, the tool will automatically stop. Replace both carbon brushes simultaneously with genuine Metabo replacement parts. Refer to a qualified service technician for brush replacement if unsure.
- **Cord Inspection:** Periodically inspect the power cord for damage. Do not use the tool if the cord is frayed or cut.
- **Accessory Inspection:** Before each use, inspect grinding discs and other accessories for cracks, chips, or wear. Replace damaged accessories immediately.

7. Troubleshooting

If you encounter issues with your Metabo W2000 grinder, refer to the following common problems and solutions:

- **Tool Does Not Start:**
  - Check if the power cord is securely plugged into a live outlet.
  - Ensure the safety lock switch and trigger switch are fully engaged.
  - Carbon brushes may be worn out. Replace them if necessary.
- **Excessive Vibration:**
  - Check if the grinding disc is properly mounted and not damaged.
  - Ensure the side handle is securely tightened.
- **Loss of Power During Operation:**
  - The tool may be overloaded. Reduce pressure on the workpiece.
  - Carbon brushes may be nearing the end of their life.

For issues not listed here or if problems persist, contact Metabo customer support or a qualified service center.

8. Specifications

Specification	Value
Brand	Metabo
Model Number	W2000-9
Power Source	Electric-powered
Voltage	120 Volts

Specification	Value
Wattage	2000 watts
Amperage	15 Amp
Maximum Rotational Speed	6600 RPM (no-load)
Torque	115 in-lbs.
Wheel Diameter	9 inches
Housing Material	Aluminum Die-Cast
Included Components	Bare-tool (W2000 9 in. 6,600 rpm 15.0 amp angle grinder, side handle, wheel guard)
UPC	094721945887
ASIN	B00BV9W7Q4

9. Warranty and Support

For information regarding warranty coverage, service, or technical support for your Metabo W2000 Angle Grinder, please refer to the warranty card included with your product or visit the official Metabo website. You can also contact Metabo customer service directly for assistance.

Note: No official product videos were available for embedding in this manual.

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