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Makita 9005BZ

Makita 9005BZ 5-Inch Angle Grinder User Manual

Model: 9005BZ | Brand: Makita

Introduction

This manual provides essential information for the safe and effective operation and maintenance of your Makita 9005BZ Angle Grinder. Please read this manual thoroughly before using the tool and keep it for future reference.



Image: The Makita 9005BZ 5-inch Angle Grinder, shown with its main body, side handle, and a grinding wheel. The tool is teal and silver with a black handle.

Important Safety Instructions

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep work area clean and well lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

- Always wear eye protection and hearing protection.
- Use appropriate personal protective equipment (PPE) for the task.
- Ensure the workpiece is securely clamped.
- Do not force the power tool.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation.

Product Components

The Makita 9005BZ Angle Grinder consists of several key components:

- **Motor Housing:** Contains the 9 Amp motor.
- **Spindle Lock:** Button for easy wheel changes.
- **Side Handle:** Removable and can be installed on either side for operator comfort.
- **Wheel Guard:** Protects the user from debris and sparks.
- **Grinding Wheel:** (Sold separately) Attaches to the spindle for grinding operations.
- **Power Cord:** For AC/DC power supply.



Image: A closer view of the Makita 9005BZ Angle Grinder's main body, highlighting the motor housing and the threaded hole for attaching the side handle.

Setup and Assembly

Attaching the Side Handle

1. Unpack the angle grinder and its accessories.
2. Locate the side handle.
3. Screw the side handle into one of the threaded holes on either side of the gear housing. Tighten securely by hand.

Installing the Grinding Wheel

1. Ensure the tool is unplugged from the power source.
2. Press and hold the spindle lock button.
3. Place the inner flange onto the spindle.
4. Position the grinding wheel onto the inner flange, ensuring it sits flat.
5. Thread the outer flange onto the spindle and tighten it firmly using the provided wrench.
6. Release the spindle lock button.



Image: A detailed view of the Makita 9005BZ Angle Grinder's head, showing the installed grinding wheel, the wheel guard, and the spindle lock mechanism.

Operating Instructions

Powering On/Off

- Connect the power cord to a suitable AC/DC power outlet.
- To start the grinder, depress the trigger switch.
- To stop the grinder, release the trigger switch. Note: This model features no lock-on button for enhanced control.

Grinding Techniques

- Hold the grinder firmly with both hands.
- Allow the wheel to reach full speed before contacting the workpiece.
- Apply light, even pressure. Do not force the tool.
- Maintain a consistent angle for optimal results and to prevent kickback.
- Always direct sparks away from yourself and others.

Maintenance

Regular maintenance ensures the longevity and safe operation of your Makita Angle Grinder.

- **Cleaning:** Regularly clean the tool's ventilation openings to prevent dust buildup, which can cause overheating. Use a soft cloth to wipe down the exterior.
- **Brush Inspection:** Carbon brushes may need replacement after extended use. Refer to a qualified service center for brush inspection and replacement.
- **Cord Inspection:** Periodically inspect the power cord for damage. Do not use the tool if the cord is frayed or cut.
- **Lubrication:** This tool is factory lubricated and does not require additional lubrication by the user.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not start.	No power supply; damaged cord; worn carbon brushes.	Check power outlet; inspect cord for damage; have brushes inspected/replaced by service center.
Excessive sparking at motor.	Worn carbon brushes; dirty commutator.	Have brushes inspected/replaced; have commutator cleaned by service center.
Tool overheats.	Blocked ventilation openings; continuous heavy load.	Clean ventilation openings; reduce load or allow tool to cool.

Specifications

Attribute	Value
Model Number	9005BZ
Motor Amperage	9.0 Amp
No Load Speed	10,000 RPM
Wheel Diameter	5-Inch
Power Source	AC/DC
Item Weight	6.4 Pounds
Product Dimensions	6 x 16 x 6 inches
Wattage	1080 watts

Warranty Information

The Makita 9005BZ Angle Grinder comes with a**1-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship. It does not cover damage caused by misuse, abuse, normal wear and tear, or unauthorized repairs. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, service, or to order replacement parts, please contact Makita customer support or visit the official Makita website.
Official Makita Website: www.makitatools.com
For further assistance, refer to the contact information provided with your product packaging or on the official Makita website.

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