

WORX WX801.9

WORX WX801.9 Mini Chopper Grinder 20V Instruction Manual

Model: WX801.9

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1. INTRODUCTION

The WORX WX801.9 Mini Chopper Grinder is a versatile and compact 20V cordless tool designed for various cutting and roughing tasks. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your grinder. It is part of the WORX PowerShare platform, allowing for interchangeable use of 20V batteries with other WORX tools (battery and charger not included with this model).

2. GENERAL SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury. Keep this instruction manual for future reference.

- **Work Area Safety:** Keep the 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. Do not abuse the cord. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool. 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 battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Specific Grinder Safety:** Always ensure the disc guard is properly adjusted and secured before operation. Use only discs rated for the tool's maximum RPM.

3. PACKAGE CONTENTS

The WORX WX801.9 Mini Chopper Grinder package includes the following items:

- WORX WX801.9 Mini Chopper Grinder (Tool Only)
- 2 x Metal Cutting Discs
- 1 x Diamond Cutting Disc

- 1 x Roughing Disc
- Instruction Manual

Note: Battery and charger are not included with this model and must be purchased separately. This tool is compatible with WORX 20V PowerShare batteries.

4. SETUP AND ASSEMBLY

4.1 Battery Installation

To install the battery (not included), align the battery pack with the receptacle on the tool's handle. Slide the battery pack into place until it clicks securely. To remove, press the battery release button and slide the battery pack out.



Figure 1: The WORX WX801.9 Mini Chopper Grinder, showing the battery slot at the rear. A 20V PowerShare battery (not included) slides into this slot.

4.2 Disc Installation and Guard Adjustment

Ensure the tool is switched off and the battery is removed before installing or changing discs. The grinder features a spindle lock for easy disc changes and a quick-adjustment disc guard for safety and versatility.

1. Press and hold the spindle lock button.
2. Use the provided wrench (if applicable, or suitable tool) to loosen the flange nut and remove the outer flange.
3. Place the desired cutting or roughing disc onto the inner flange, ensuring it is centered.
4. Replace the outer flange and tighten the flange nut securely with the wrench while holding the spindle lock button.
5. Adjust the disc guard to the appropriate position for your task, ensuring maximum protection. The guard can be quickly adjusted without tools.



Figure 2: Side view of the grinder, highlighting the disc, disc guard, and spindle lock button for disc changes.

5. OPERATING INSTRUCTIONS

Before operating, ensure all safety precautions are followed, the battery is fully charged, and the correct disc is installed for your material.

5.1 Powering On and Off

- To turn on the grinder, slide the power switch to the "ON" position. The disc will begin to rotate.
- To turn off the grinder, slide the power switch to the "OFF" position. Allow the disc to come to a complete stop before setting the tool down.

5.2 General Usage Tips

- **Material Compatibility:** Use metal cutting discs for metal, diamond discs for masonry/tile, and roughing discs for grinding applications.
- **Cutting Technique:** Allow the tool to reach full speed before contacting the workpiece. Apply light, consistent pressure. Do not force the tool, as this can lead to overheating and reduced performance.
- **Workpiece Security:** Always secure the workpiece firmly to prevent movement during operation.
- **Dust Management:** Be aware of dust generated during cutting. Work in a well-ventilated area or use appropriate dust extraction if available.



Figure 3: The WORX WX801.9 Mini Chopper Grinder in use, demonstrating its capability to cut through materials like ceramic tiles with precision.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool. Always disconnect the battery before performing any maintenance.

- **Cleaning:** Keep the tool's ventilation openings clean and free of debris. Use a soft brush or compressed air to remove dust. Do not use water or chemical cleaners.
- **Disc Inspection:** Regularly inspect discs for wear, cracks, or damage. Replace worn or damaged discs immediately.
- **Storage:** Store the tool in a dry, secure place out of reach of children. Remove the battery pack before storage.

7. TROUBLESHOOTING

If you encounter issues with your WORX WX801.9 Mini Chopper Grinder, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not start.	Battery not installed correctly or discharged.	Ensure battery is fully charged and properly seated.
Reduced cutting performance.	Worn or incorrect disc.	Replace with a new, appropriate disc for the material.
Tool overheats.	Excessive pressure or continuous heavy use.	Reduce pressure, allow tool to cool down. Avoid prolonged heavy use.
Excessive vibration.	Damaged or improperly installed disc.	Inspect disc for damage; ensure it is correctly installed and tightened.

If the problem persists after attempting these solutions, please contact WORX customer support.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	WORX
Model Number	WX801.9
Power Source	Battery Powered (20V WORX PowerShare, battery not included)
Voltage	20 Volts
Wattage	40 watts
Maximum Rotational Speed	19,000 RPM
Product Dimensions (L x W x H)	5" x 9.53" x 4.25"
Item Weight	2.35 pounds
Material	Metal
Sound Level	91.9 Decibels

9. WARRANTY AND CUSTOMER SUPPORT

For warranty information, product registration, or technical assistance, please visit the official WORX website or contact WORX customer support directly. Keep your purchase receipt as proof of purchase.

WORX Official Website: www.worx.com

Refer to the product packaging or the WORX website for specific contact details in your region.



WX814 WX814.X WX815 WX815.X

Comprehensive user manual for the WORX NITRO 20V Cordless Brushless Angle Grinder, covering safety instructions, component lists, technical data, operating procedures, maintenance, and environmental protection. Learn how to safely and effectively use your angle grinder.

WX812 WX812.X

User manual for the WORX 20V Cordless Brushless Angle Grinder (WX812, WX812.X). Includes safety instructions, operation, assembly, maintenance, and troubleshooting for this powerful cordless tool.

WX803 WX803.X

Comprehensive user manual for the Worx WX803 WX803.X 20V Lithium-Ion Cordless Angle Grinder, covering safety, operation, assembly, and technical specifications.

WX812 WX812.X

Comprehensive user and safety guide for the WORX WX812/WX812.X 20V Cordless Brushless Angle Grinder. Learn about operation, assembly, maintenance, and safety precautions for this powerful tool.

WG350E WG350E.X

Official user manual for the WORX WG350E and WG350E.X 20V 30cm Cordless Brushless Chainsaws.
Includes safety instructions, operating procedures, maintenance, and troubleshooting guides.

WX73

This safety and operating manual provides essential instructions and warnings for the WORX WX739 20V Cordless Rotary Tool, covering safe usage, maintenance, and troubleshooting.