

WORX WX803.9

WORX WX803.9 20V 125mm Cordless Angle Grinder Instruction Manual

Model: WX803.9

INTRODUCTION

Thank you for choosing the WORX WX803.9 20V 125mm Cordless Angle Grinder. This manual provides essential information for the safe operation, maintenance, and care of your tool. Please read it thoroughly before use and keep it for future reference.

This angle grinder is designed for cutting and grinding various materials such as metal and masonry. It operates at 8600 RPM with a 125mm disc, offering cordless convenience for a wide range of tasks.

GENERAL SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep your 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. Always wear appropriate personal protective equipment, including safety glasses, hearing protection, and gloves.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Secure workpiece:** Always clamp or secure the workpiece to prevent movement during operation.
- **Avoid accidental starting:** Ensure the switch is in the off-position before inserting the battery pack.
- **Use correct accessories:** Only use accessories specifically designed for this angle grinder.
- **Maintain tool:** Keep cutting tools sharp and clean for better and safer performance.

PRODUCT OVERVIEW

The WORX WX803.9 is a robust cordless angle grinder featuring a metal gear housing for durability and a compact design for maneuverability. It is part of the WORX PowerShare 20V platform, allowing battery interchangeability with other WORX 20V, 40V, and 80V tools.



Image: WORX WX803.9 20V 125mm Cordless Angle Grinder. This image shows the main unit of the angle grinder without a battery attached.



Image: Diagram illustrating the various parts of the WORX WX803.9 angle grinder.

1. Unpacking

Carefully remove the angle grinder and all accessories from the packaging. Inspect for any damage. The package includes: (1) Metal grinding disc, (1) Auxiliary handle, (1) Disc change wrench, (1) Cutting guard, (1) Nut.

2. Battery Installation (Battery and Charger Not Included)

This tool is supplied without a battery or charger. It is compatible with WORX PowerShare 20V batteries. Ensure the battery is fully charged before use.



Image: A circular warning sign indicating that the battery and charger are not included with the product.

3. Auxiliary Handle Installation

Screw the auxiliary handle into one of the threaded holes on the gear housing. Choose the position that provides the best control and comfort for your application.

4. Guard Adjustment

Position the cutting guard to protect against sparks and debris. Ensure it is securely fastened and adjusted for the specific task.

5. Disc Installation

1. Press and hold the spindle lock button to immobilize the shaft.
2. Use the disc change wrench to loosen the outer flange nut.
3. Place the desired 125mm disc onto the inner flange, ensuring it is correctly seated.
4. Replace the outer flange nut and tighten it firmly with the wrench while holding the spindle lock button.

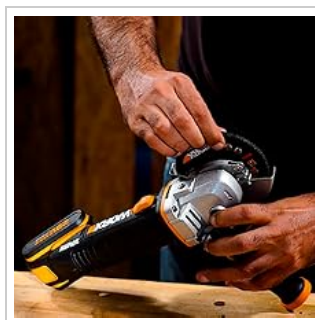


Image: Close-up of the spindle lock button on the angle grinder, used for securing the disc.



Image: Illustration demonstrating the easy disc change mechanism of the angle grinder.

OPERATING INSTRUCTIONS

1. Switching On/Off

To switch on the angle grinder, slide the side switch forward. To switch off, slide the switch backward to the 'OFF' position.



Image: Close-up of the side switch for operating the angle grinder.

2. Grinding and Cutting Techniques

- **Grinding:** Hold the tool at an angle of approximately 15-30 degrees to the workpiece. Apply moderate pressure and move the grinder evenly across the surface.
- **Cutting:** Hold the tool perpendicular to the workpiece. Allow the disc to reach full speed before making contact. Apply steady, even pressure. Avoid twisting or jamming the disc.



Image: An angle grinder in use, grinding a metal surface and producing sparks.



Image: An angle grinder being used to cut a metal pipe.

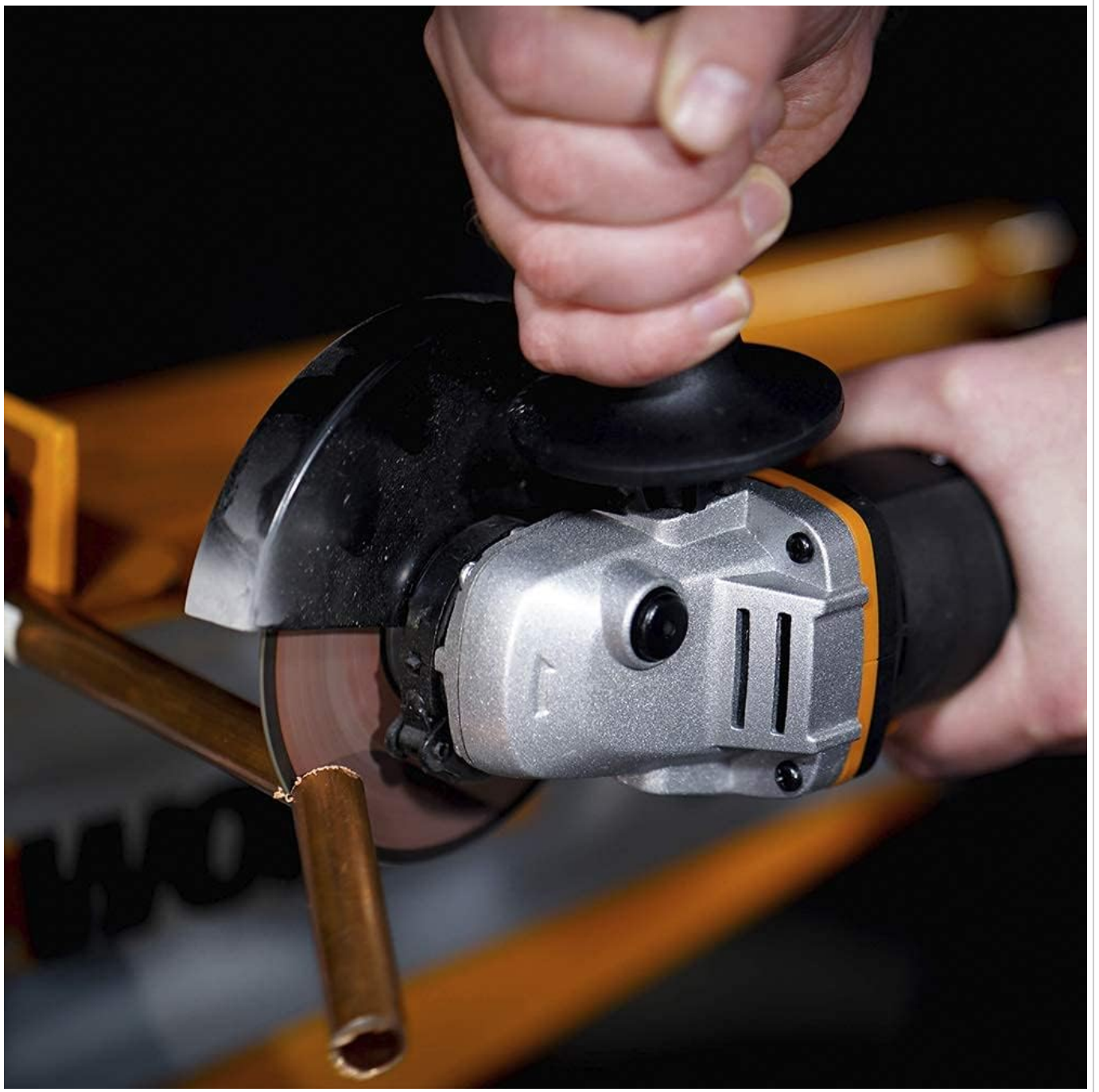


Image: An angle grinder cutting through a metal bar.



Image: An angle grinder grinding a rusty metal bar, creating sparks.

MAINTENANCE

1. Cleaning

Regularly clean the ventilation openings of the tool to prevent overheating. Use a soft brush or compressed air to remove dust and debris. Do not use water or chemical cleaners.

2. Disc Replacement

Replace worn or damaged discs immediately. Follow the disc installation steps outlined in the 'Setup' section.

3. Storage

Store the tool in a dry, secure place out of reach of children. Remove the battery pack before storing for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly inserted	Charge battery, ensure it is correctly inserted
Reduced performance	Worn disc or clogged ventilation	Replace disc, clean ventilation openings
Excessive vibration	Damaged or improperly installed disc	Inspect and replace disc if necessary, ensure proper installation

If problems persist, please contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	WORX
Model Number	WX803.9
Power Source	Battery Powered (20V PowerShare)
Voltage	20 Volts
Wattage	2800 Watts
Maximum Rotation Speed	8600 RPM
Disc Diameter	125 mm
Material	Metal
Color	Black
Product Weight	2.07 Kilograms
Dimensions (L x W x H)	7.2 x 28 x 7.2 centimeters
Included Items	(1) Metal grinding disc, (1) Auxiliary handle, (1) Disc change wrench, (1) Cutting guard, (1) Nut



Image: Diagram showing the dimensions of the WORX WX803.9 angle grinder: 7.2cm length, 28cm width, 7.2cm height.

WARRANTY INFORMATION

WORX offers a standard **3-year warranty** for tools and batteries. Additionally, an **extended 2-year warranty** is available upon registering your product on the official WORX website. Please retain your proof of purchase for warranty claims.



Image: Graphic indicating 3 years warranty for tools and batteries, plus 2 years extended warranty upon product registration.

CUSTOMER SUPPORT

For further assistance, technical support, or spare parts, please visit the official WORX website or contact their customer service department. Always provide your product model number (WX803.9) and serial number when seeking support.



Image: An illustration of the WORX PowerShare battery system, showing various compatible tools and a 20V battery.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question