

RIDGID R28700

RIDGID 4 Amp Corded Oscillating Multi-Tool R28700

Instruction Manual

1. INTRODUCTION

Thank you for choosing the RIDGID 4 Amp Corded Oscillating Multi-Tool R28700. This tool is designed for versatility and performance in various applications, including cutting, sanding, scraping, and grinding. Please read this manual thoroughly before operating the tool to ensure safe and efficient use. Keep this manual for future reference.

2. GENERAL SAFETY INFORMATION

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

2.1 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. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2.2 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. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

2.3 Personal Safety

- Always wear eye protection. Use safety glasses, goggles, or a face shield.
- Wear appropriate personal protective equipment (PPE) such as dust masks, non-skid safety shoes, hard hats, or hearing protection for specific conditions.
- Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.

3. PACKAGE CONTENTS

The RIDGID 4 Amp Corded Oscillating Multi-Tool R28700 package includes the following items:

- RIDGID 4 Amp Oscillating Multi-Tool (R28700)
- Segment Blade
- 1-1/8 inch Wood Cutting Blade
- Sanding Pad
- (5) Sandpaper Sheets
- Universal Multi-Tool Adapter
- Operator's Manual (this document)

4. SETUP AND ACCESSORY INSTALLATION

The R28700 features a tool-free accessory change design for quick and easy attachment and removal of accessories.

4.1 Attaching Accessories

1. Ensure the tool is unplugged from the power source before attaching or changing accessories.
2. Locate the accessory release lever on the tool head.
3. Push or pull the lever to release the accessory clamp.
4. Align the desired accessory (e.g., blade, sanding pad) with the accessory mounting interface on the tool head. The universal multi-tool adapter can be used for compatibility with various accessories.
5. Once aligned, push the accessory release lever back into its locked position to secure the accessory firmly.
6. Gently tug on the accessory to ensure it is securely fastened before operating the tool.



Figure 1: The RIDGID R28700 Oscillating Multi-Tool with an accessory attached, demonstrating its compact design.

5. OPERATING INSTRUCTIONS

The RIDGID R28700 is designed for ease of use and control.

5.1 Powering On/Off

- To turn the tool on, depress the two-finger variable speed trigger.
- To turn the tool off, release the trigger.

5.2 Variable Speed Control

The two-finger variable speed trigger allows you to adjust the oscillation speed up to 20,000 OPM (Oscillations Per Minute) to match the specific application and material. Press the trigger lightly for lower speeds and more control, or fully depress for maximum speed.

5.3 Work Area Illumination

The integrated LED lights illuminate the work area, providing increased visibility, especially in dimly lit spaces. The LED lights activate when the tool is powered on.

5.4 Ergonomics and Grip

The tool features an ergonomic design with Hex Grip Micro Texture for enhanced user comfort and control during extended use. Maintain a firm grip on the tool at all times.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your RIDGID Oscillating Multi-Tool.

6.1 Cleaning

- Always unplug the tool before cleaning.
- Use a clean, dry cloth to wipe down the exterior of the tool.
- Do not use harsh chemicals or abrasive cleaners.
- Keep ventilation openings clear of dust and debris to prevent overheating. Use compressed air if necessary.

6.2 Inspection

- Periodically inspect the power cord for damage. If damaged, have it replaced by a qualified service technician.
- Check accessories for wear and tear. Replace dull or damaged blades and sanding sheets as needed.
- Ensure all screws and fasteners are tight.

7. TROUBLESHOOTING

If you encounter issues with your RIDGID Oscillating Multi-Tool, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not start	No power supply; Damaged cord/plug; Faulty switch	Check power outlet; Inspect cord/plug for damage; Contact service center if switch is faulty.
Reduced performance/power	Overheating; Worn accessory; Excessive pressure	Allow tool to cool; Replace worn accessory; Reduce pressure during operation.
Excessive vibration/noise	Loose accessory; Damaged accessory; Internal issue	Ensure accessory is securely fastened; Replace damaged accessory; Contact service center.

8. SPECIFICATIONS

Feature	Specification
Model Number	R28700
Power Source	Corded Electric
Amperage	4 Amp
Oscillations Per Minute (OPM)	Up to 20,000 OPM

Feature	Specification
Accessory Change	Tool-Free
Compatibility	Most multi-tool accessories
Special Features	LED Work Light, Variable Speed Trigger, Hex Grip Micro Texture
UPC/GTIN	689908005388

9. WARRANTY AND SUPPORT

For warranty information, service, or technical support, please refer to the official RIDGID website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims. **RIDGID Customer Service:** Please visit www.ridgid.com for contact details and further assistance.