RYOBI PCL540B

RYOBI 18V ONE+ Cut-Out Tool

Model: PCL540B
Brand: RYOBI

Introduction

The RYOBI 18V ONE+ Cut-Out Tool is designed to expand your RYOBI 18V ONE+ System. This powerful cordless tool delivers up to 28,000 RPM, enabling efficient cutting performance. It is ideal for various applications, particularly for cutting holes in drywall for electrical boxes and similar tasks. The tool features an on-board LED worklight for enhanced visibility and accepts both 1/8 inch and 1/4 inch bits, with convenient built-in wrench storage for quick and easy bit changes. A lock-on switch is included for continuous operation.

Important Safety Information

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- **Electrical Safety:** 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.
- **Personal Safety:** Always wear eye protection. Use appropriate personal protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection for appropriate conditions.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

What's Included

- PCL540 18V ONE+ Cordless Cut-Out Tool
- 1/8 in. Drywall Bit
- 1/8 in. Collet
- 1/4 in. Collet

- Operator's Manual

Setup

1. Battery Installation

The RYOBI 18V ONE+ Cut-Out Tool is designed to work with any RYOBI 18V ONE+ battery. To install the battery, align the battery pack with the tool's base and slide it in until it clicks securely into place. Ensure the battery is fully charged before use. Higher capacity batteries can be used for extended run time.

2. Bit Installation

This tool accepts both 1/8 inch and 1/4 inch bits. To install a bit:

1. Ensure the tool is off and the battery is removed for safety.
2. Locate the collet and collet nut at the front of the tool.
3. Use the built-in wrench storage to access the appropriate wrench for loosening the collet nut.
4. Insert the desired 1/8 inch or 1/4 inch bit into the collet.
5. Tighten the collet nut securely using the wrench. Do not overtighten.



Figure 1: RYOBI 18V ONE+ Cut-Out Tool with a bit inserted into the collet.

Operating Instructions

1. Powering On/Off

To turn the tool ON, depress the trigger switch. To turn the tool OFF, release the trigger switch. For continuous operation, engage the lock-on switch after depressing the trigger. To disengage the lock-on switch, depress the trigger again.

2. Cutting Operation

When cutting, ensure the material is properly secured. Guide the tool smoothly along the desired cutting path. The on-board LED worklight will illuminate the work area, providing enhanced visibility for precise cuts. Apply steady, even pressure, allowing the tool's speed to do the work. Avoid forcing the tool, as this can lead to decreased performance or damage to the bit.

3. Bit Storage

The tool includes built-in storage for the collet wrench, ensuring it is always accessible for quick bit changes.
Note: Official product videos are not available from the manufacturer for this model. Please refer to the detailed instructions in this manual for operation.

Maintenance

Cleaning

Regularly clean the tool's ventilation openings to prevent overheating. Use a soft, damp cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners. Keep the collet area free of debris to ensure proper bit seating and operation.

Bit Care

Inspect bits before each use for wear or damage. Replace dull or damaged bits immediately to maintain cutting efficiency and safety. Store bits in a dry place to prevent rust.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not start.	Battery not installed correctly or discharged.	Ensure battery is fully seated. Recharge or replace battery.
Reduced cutting performance.	Dull or damaged bit; excessive pressure; incorrect bit for material.	Replace bit. Reduce pressure. Use appropriate bit for the material.
Tool overheats.	Blocked ventilation openings; continuous heavy use.	Clean ventilation openings. Allow tool to cool down.

Specifications

Brand	RYOBI
Model Number	PCL540B
Power Source	Battery Powered
Voltage	18 Volts
Maximum Rotational Speed	28000 RPM
Amperage	15 Amps
Item Weight	2 Pounds
Material	Plastic Metal
Special Feature	Brushless
UPC	604467890145

Warranty and Support

For detailed warranty information, please refer to the warranty card included with your product or visit the official RYOBI website. Keep your purchase receipt as proof of purchase for any warranty claims.
For technical support, replacement parts, or service inquiries, please contact RYOBI customer service or visit their official support channels. Contact information can typically be found in the included Operator's Manual or on the RYOBI website.

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

Anonymous

Email

you@example.com

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