RYOBI P2505BTL

RYOBI ONE+ HP 18V Brushless Cordless Pruner (Model P2505BTL)

INSTRUCTION MANUAL

1. Introduction

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your RYOBI ONE+ HP 18V Brushless Cordless Pruner, Model P2505BTL. This tool is designed for light pruning and limbing tasks, offering efficient and clean cuts up to 1 inch in diameter. Please read this manual thoroughly before first use and retain it for future reference.



Figure 1: RYOBI ONE+ HP 18V Brushless Cordless Pruner. This image shows the overall design of the pruner, highlighting its ergonomic handle and the bypass cutting blades.

2. Safety Information

Always observe basic safety precautions to reduce the risk of personal injury and damage to the tool. Failure to follow these instructions may result in serious injury.

- **Wear Eye Protection:** Always wear safety glasses or goggles that comply with applicable standards.
- **Keep Hands Clear:** Never place hands or fingers near the cutting blades when the tool is connected to a battery.
- **Secure Work Area:** Ensure the area around you is clear of obstructions and bystanders.
- **Use Correct Battery:** Only use RYOBI ONE+ 18V batteries with this tool. Ensure the battery is fully charged before use.
- **Avoid Accidental Starting:** Ensure the trigger is locked or the battery is removed when transporting or performing maintenance.
- **Maintain Good Footing:** Work on stable surfaces and maintain balance, especially when pruning at height.
- **Store Safely:** Store the tool in a dry, secure location out of reach of children.

3. Package Contents

Verify that all items are present upon unpacking. If any parts are missing or damaged, do not operate the tool and contact customer service.

- RYOBI ONE+ HP 18V Brushless Cordless Pruner (Tool Only) - Model P2505BTL
- Operator's Manual

Note: Battery and charger are sold separately. This tool is compatible with all RYOBI 18V ONE+ batteries.

4. Setup

1. **Battery Installation:**
    - Ensure the pruner is turned off and the trigger is locked.
    - Align the ribs on the battery with the grooves in the tool's battery port.
    - Slide the battery into the tool until it clicks securely into place.
    - To remove, press the battery release latch and pull the battery out.
2. **Blade Inspection:**
    - Before each use, inspect the blades for any damage, dullness, or debris.
    - Ensure the blades open and close smoothly without obstruction.

5. Operating Instructions

Follow these steps for safe and effective operation of your cordless pruner.

1. **Powering On:**
    - With a charged battery installed, press the power button (if applicable, or simply unlock the trigger). The LED work light will illuminate when the tool is ready.
2. **Making a Cut:**
    - Position the branch to be cut between the open blades. Ensure the branch diameter does not exceed 1 inch.
    - Squeeze the trigger firmly and smoothly. The blades will close to make a clean cut.
    - Release the trigger to allow the blades to open for the next cut.
    - The on-board LED work light provides illumination for improved visibility in dimly lit areas.
3. **Powering Off:**
    - Release the trigger and engage the trigger lock mechanism.
    - For extended storage or when changing blades, remove the battery from the tool.



Figure 2: Close-up view of the pruner's bypass blades. This image highlights the sharp, alloy steel blades designed for clean and precise cuts.

6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your pruner.

- **Blade Cleaning:** After each use, remove the battery and carefully clean sap and debris from the blades using a stiff brush and a mild cleaning solution. Dry thoroughly.
- **Blade Lubrication:** Apply a light coat of machine oil to the blades after cleaning to prevent rust and ensure smooth operation.
- **Storage:** Store the pruner in a dry, cool place, away from direct sunlight and moisture. Ensure the blades are closed and locked, and the battery is removed.
- **General Inspection:** Periodically check all screws and fasteners for tightness. Tighten as needed.

7. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Tool does not power on.	Battery not installed correctly or discharged. Trigger lock engaged.	Ensure battery is fully charged and properly seated. Disengage trigger lock.

Problem	Possible Cause	Solution
Blades do not cut cleanly or get stuck.	Dull blades. Sap or debris on blades. Cutting material too thick.	Clean and lubricate blades. Sharpen or replace blades if dull. Do not exceed 1-inch cutting capacity.
Reduced power or short run time.	Battery not fully charged or nearing end of life.	Recharge battery. If problem persists, consider replacing the battery.

8. Specifications

Feature	Detail
Model Number	P2505BTL
Brand	RYOBI
Voltage	18V (ONE+ System)
Blade Material	Alloy Steel
Blade Type	Bypass
Cutting Width (Max)	1 inch
Handle Material	Rubber, Plastic, Silicone
Item Weight	2.49 pounds
UPC	715450299897

9. Warranty and Support

RYOBI tools are manufactured to high-quality standards and are backed by a limited warranty. For specific warranty details, registration, or technical support, please refer to the warranty card included with your product or visit the official RYOBI website. You may also contact RYOBI customer service directly for assistance.

Official RYOBI Website: www.ryobitools.com

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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.

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