RYOBI P25013

RYOBI ONE+ HP 18V P25013 Brushless Compact Pruning Mini Chainsaw User Manual

Model: P25013

Introduction

Thank you for choosing the RYOBI ONE+ HP 18V P25013 Brushless Compact Pruning Mini Chainsaw. This tool is designed for efficient and precise pruning and light limbing tasks. Featuring ONE+ HP Technology, it combines a brushless motor, advanced electronics, and high-performance lithium technology for superior cutting performance. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new tool.



Figure 1: RYOBI ONE+ HP 18V P25013 Brushless Compact Pruning Mini Chainsaw (Tool Only)

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.

- **Wear Eye Protection:** Always wear safety glasses or goggles that comply with applicable standards.

- **Wear Hand Protection:** Use heavy-duty gloves to protect hands from cuts and abrasions.
- **Maintain a Firm Grip:** Always hold the chainsaw firmly with both hands during operation.
- **Clear Work Area:** Ensure the area around you is clear of obstacles and bystanders before starting.
- **Inspect Before Use:** Check the tool for any damage, loose parts, or wear before each use.
- **Battery Safety:** Use only RYOBI ONE+ 18V batteries with this tool. Do not expose batteries to water or extreme temperatures.
- **Tool Only:** This product is sold as a "Tool Only" unit. Battery and charger are sold separately and are required for operation.

Package Contents

Your RYOBI ONE+ HP 18V P25013 Brushless Compact Pruning Mini Chainsaw package includes the following:

- RYOBI ONE+ HP 18V P25013 Brushless Compact Pruning Mini Chainsaw (Bare Tool)
- 6-Inch Chain
- Bar

Note: Battery, charger, and spare chains are sold separately and are not included with this "Tool Only" purchase.

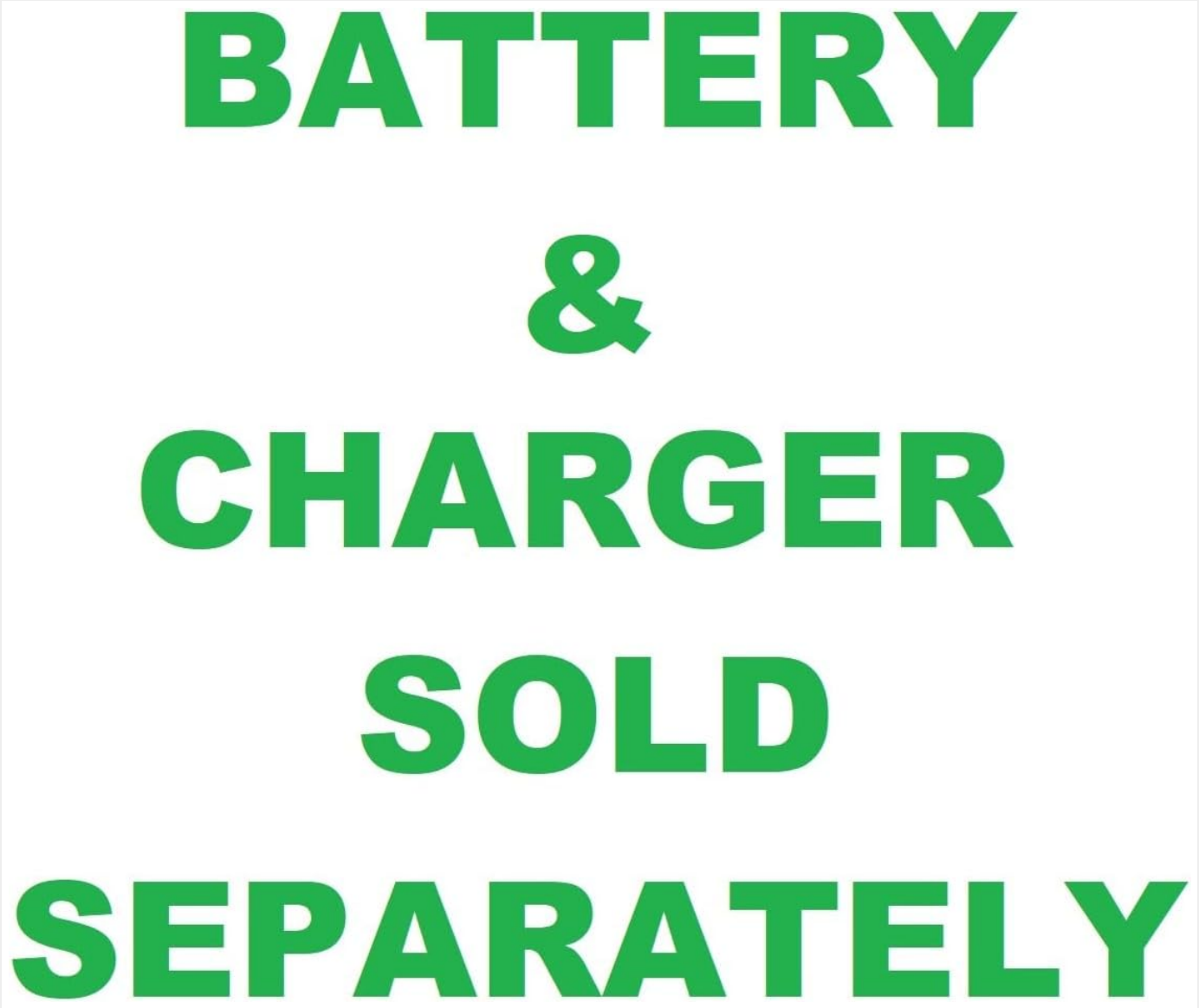


Figure 2: Important note regarding separate purchase of battery and charger.



Figure 3: Packaging information: Product is bulk packaged and does not include retail packaging.

Setup

1. Battery Installation

1. Ensure the chainsaw is turned off and the trigger is disengaged.
2. Align the RYOBI ONE+ 18V battery (sold separately) with the battery port on the tool handle.
3. Slide the battery into the port until it clicks securely into place.
4. To remove, press the battery release latches and slide the battery out.

2. Chain Tensioning

This chainsaw features tool-less chain tensioning for easy adjustments.

1. Locate the chain tensioning knob on the side of the chainsaw.
2. Rotate the knob to adjust the chain tension. The chain should be snug against the bar but still able to be pulled freely by hand.
3. Refer to the visual guide below for proper chain tension.



Figure 4: Side view of the chainsaw, illustrating the chain and bar assembly.

3. Oil-Free Design

The RYOBI P25013 mini chainsaw features an oil-free design for hassle-free cutting. This means there is no need to add bar and chain oil before operation. However, regular inspection of the chain for wear and sharpness is still recommended.

Operation

1. Starting the Chainsaw

1. Ensure the battery is fully charged and securely installed.
2. Grip the chainsaw firmly with both hands.
3. Press the safety button (if applicable) and then squeeze the trigger to start the chain.
4. Release the trigger to stop the chain.

2. Pruning and Limbing

- This chainsaw is ideal for light pruning and limbing branches up to 4 inches in diameter.
- Position the chainsaw firmly against the branch before engaging the trigger.
- Allow the chain to reach full speed before beginning the cut.
- Apply steady, even pressure. Do not force the saw through the cut.
- Be aware of kickback and maintain a stable stance.





Figure 5: Top view of the chainsaw, highlighting the chain and protective cover.

Maintenance

1. Chain Inspection and Sharpening

- Regularly inspect the chain for dullness, damage, or excessive wear. A dull chain will reduce cutting efficiency and increase strain on the tool.
- Sharpen the chain as needed or replace it with a compatible chain. The compatible replacement chain for this model is RY6C1 6" Replacement Chain (Sold Separately).

2. Cleaning

- After each use, remove the battery and clean the tool.
- Use a soft brush or cloth to remove sawdust, debris, and sap from the bar, chain, and motor housing.
- Do not use harsh chemicals or abrasive cleaners.

3. Storage

- Store the chainsaw in a dry, secure location, out of reach of children.
- Ensure the battery is removed before storing for extended periods.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Chainsaw does not start.	Battery not installed correctly or discharged.	Ensure battery is fully seated. Charge battery if necessary.
Chain does not move or moves slowly.	Chain tension too tight; Chain dull or damaged; Debris in chain/bar.	Adjust chain tension. Sharpen or replace chain. Clean bar and chain area.
Reduced cutting performance.	Dull chain; Improper cutting technique.	Sharpen or replace chain. Review operation instructions for proper technique.
Tool overheats.	Overuse; Blocked vents.	Allow tool to cool down. Clear any obstructions from vents.

Specifications

Model: P25013

Brand: RYOBI

Voltage: 18 Volts (ONE+ HP System)

Blade Length: 6 Inches

Chain Type: Premium Full House Chain

Cutting Capacity: Up to 4 inches (limbing)

Special Feature: Brushless Motor, Tool-less Chain Tensioning, Oil-Free Design

Included Components: Bare Tool (Battery and Charger Sold Separately)

Approximate Item Weight: 1 Pound

Approximate Product Dimensions: 18"L x 4"W x 8"H

Material: Acrylonitrile Butadiene Styrene (ABS)

Compatible Replacement Chain: RY6C1 6" Replacement Chain

Warranty and Support

This RYOBI product comes with a limited warranty. For specific warranty details, registration, or technical support, please refer to the warranty card included with your purchase or visit the official RYOBI website. Keep your proof of purchase for warranty claims.

For further assistance, you may contact RYOBI customer service through their official channels. Always provide your product model number (P25013) when seeking support.

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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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