RYOBI P25013KIT

RYOBI ONE+ HP 18V Brushless 6-inch Compact Pruning Mini Chainsaw Kit User Manual

Model: P25013KIT

1. Introduction

Thank you for choosing the RYOBI ONE+ HP 18V Brushless 6-inch Compact Pruning Mini Chainsaw Kit. This tool is designed for light pruning and limbing tasks, offering cordless convenience and efficient performance. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new chainsaw. Please read all instructions carefully before use and retain this manual for future reference.



Image 1.1: The RYOBI ONE+ HP 18V Brushless 6-inch Compact Pruning Mini Chainsaw Kit, including the chainsaw, battery, and charger.

2. Safety Information

Always prioritize safety when operating power tools. Failure to follow safety instructions can result in serious injury or property damage.

General Chainsaw Safety

- **Read the Manual:** Understand all instructions and warnings before operating the chainsaw.
- **Personal Protective Equipment (PPE):** Always wear safety glasses or goggles, hearing protection, gloves, and sturdy footwear. Consider a hard hat and leg protection for extensive work.

- **Work Area:** Keep the work area clear of bystanders, children, and pets. Ensure good footing and balance.
- **Inspect Tool:** Before each use, inspect the chainsaw for damaged parts, loose fasteners, or any other condition that may affect its safe operation.
- **Avoid Kickback:** Be aware of the chain's rotation and avoid contact with the guide bar tip, which can cause kickback.
- **Proper Grip:** Always hold the chainsaw firmly with both hands.
- **Battery Safety:** Use only RYOBI ONE+ 18V batteries and chargers. Do not expose batteries to water, heat, or direct sunlight.

Electrical Safety

- **Avoid Wet Conditions:** Do not use the chainsaw in rain or damp locations.
- **Charger Use:** Use the charger only in dry conditions.
- **Unplug Charger:** Always unplug the charger from the power source when not in use or before cleaning.

3. Package Contents

Your RYOBI ONE+ HP 18V Brushless 6-inch Compact Pruning Mini Chainsaw Kit includes the following items:

- RYOBI ONE+ HP 18V Brushless 6-inch Compact Pruning Mini Chainsaw
- RYOBI ONE+ 18V Lithium-Ion Battery (1.5Ah)
- RYOBI ONE+ 18V Battery Charger
- Operator's Manual (this document)

Please note that this product is bulk packaged and may not arrive in traditional retail packaging.



Image 3.1: Notice indicating the product comes in bulk packaging, not retail packaging.

4. Setup

4.1 Charging the Battery

1. Connect the charger to a standard 120V AC outlet.
2. Slide the battery pack onto the charger, ensuring it is fully seated. The charger's indicator lights will show the charging

status.

3. Allow the battery to fully charge before first use. Refer to the charger's specific instructions for detailed charging times and indicator light meanings.



Image 4.1: The RYOBI ONE+ 18V battery charger with indicator lights.

4.2 Installing the Battery

1. Ensure the chainsaw is turned off and the chain brake is engaged (if applicable).
2. Align the battery pack with the battery port on the chainsaw handle.
3. Slide the battery pack into the port until it clicks securely into place.



Image 4.2: The RYOBI ONE+ 18V Lithium-Ion battery (1.5Ah).

4.3 Chain Tensioning

This chainsaw features tool-less chain tensioning for convenience.

1. Ensure the battery is removed for safety.
2. Locate the chain tensioning knob on the side of the chainsaw.
3. Turn the knob to adjust the chain tension. The chain should be snug against the guide bar but still able to be pulled freely by hand. There should be no excessive slack on the underside of the guide bar.
4. Refer to the markings on the tool for proper tensioning guidance.



Image 4.3: The RYOBI ONE+ HP 18V Brushless 6-inch Compact Pruning Mini Chainsaw, showing the chain and guide bar.

Note: This chainsaw features an oil-free design, eliminating the need for chain oil. This simplifies maintenance and operation.

5. Operating Instructions

5.1 Starting the Chainsaw

1. Ensure the battery is fully charged and securely installed.
2. Hold the chainsaw firmly with both hands, maintaining a balanced stance.
3. Press the safety lock-out button (if present) and then squeeze the trigger to start the chainsaw. Release the safety lock-out button once the trigger is engaged.

5.2 Cutting Techniques

- **Pruning:** For small branches, position the bottom of the guide bar against the branch and allow the chain to cut through. Avoid forcing the tool.
- **Limbing:** When removing larger limbs (up to 4 inches in diameter), make an undercut first to prevent pinching, then complete the cut from the top.
- **Avoid Overloading:** Do not attempt to cut branches larger than the recommended capacity (4 inches). This can damage the tool and cause injury.
- **Maintain Control:** Always be aware of the chain's movement and potential kickback. Keep a firm grip and stable footing.

5.3 Stopping the Chainsaw

Release the trigger to stop the chainsaw. The chain will stop rotating quickly.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your chainsaw.

6.1 Cleaning

1. Always remove the battery before cleaning.
2. Use a soft brush or compressed air to remove sawdust, chips, and debris from the guide bar, chain, and motor housing.
3. Wipe down external surfaces with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.

6.2 Chain Inspection and Replacement

- Regularly inspect the chain for sharpness, damage, or excessive wear. A dull chain can lead to poor performance and increased kickback risk.
- If the chain is dull or damaged, it should be sharpened or replaced. This model is compatible with RY6C1 6-inch Replacement Chain.
- Refer to the chain tensioning section (4.3) for instructions on adjusting or replacing the chain.

6.3 Storage

- Remove the battery from the chainsaw before storing.
- Store the chainsaw in a dry, secure location, out of reach of children.
- Ensure the guide bar cover is in place to protect the chain and prevent accidental contact.

7. Troubleshooting

This section addresses common issues you might encounter with your chainsaw.

Problem	Possible Cause	Solution
Chainsaw does not start.	Battery not charged or improperly installed.	Ensure battery is fully charged and securely clicked into place.
Chain falls off or is loose.	Improper chain tension.	Adjust chain tension using the tool-less tensioning knob (refer to Section 4.3).
Chainsaw cuts slowly or poorly.	Dull or damaged chain.	Inspect chain for sharpness and damage. Sharpen or replace the chain as needed.
Motor runs but chain does not move.	Chain brake engaged or chain jammed.	Disengage chain brake. Remove battery and clear any debris jamming the chain.

8. Specifications

Key technical specifications for the RYOBI ONE+ HP 18V Brushless 6-inch Compact Pruning Mini Chainsaw (Model P25013KIT).

Brand: RYOBI

Model Number: P25013KIT

Power Source: Battery Powered (18V)

Motor Type: Brushless

Chain Length: 6 Inches

Chain Speed: 4.9 mps

Item Weight: 3.7 Pounds

Product Dimensions: 12"L x 3"W x 3"H

Voltage: 18 Volts

Included Components: Pruning Saw, Battery, Charger

UPC: 046396044808

9. Warranty and Support

For warranty information, please refer to the documentation provided with your purchase or visit the official RYOBI website. For technical support, replacement parts, or service inquiries, please contact RYOBI customer service directly. Contact details can typically be found on the product packaging or the manufacturer's 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