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> RYOBI P4360BTL ONE+ 8-inch 18-Volt Lithium-Ion Battery Pole Saw Instruction Manual

RYOBI P4360BTL

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1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your RYOBI P4360BTL ONE+ 8-inch 18-Volt Lithium-Ion Battery Pole Saw. Please read and understand all instructions before using the tool. Retain this manual for future reference.



This image displays the RYOBI P4360BTL pole saw. It features a bright green and black motor housing with an 8-inch bar and chain at one end. The main pole is black and extends, with a grey adjustment collar. An additional extension pole is shown alongside, also black with grey ends. The battery port is visible at the base of the main pole.

2. SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating power tools. This pole saw is designed for trimming limbs and branches. Do not use it for purposes other than those specified in this manual.

General Safety Rules:

- **Read all instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses or goggles, hearing protection, heavy-duty gloves, and non-slip footwear. A hard hat is recommended for overhead work.
- **Maintain a safe working area:** Keep the area clear of bystanders, children, and pets. Ensure good footing and balance.
- **Inspect the tool before use:** Check for damaged parts, loose fasteners, or any other condition that may affect its safe operation.

- **Remove battery when not in use:** Always remove the battery pack when assembling, adjusting, cleaning, or storing the tool.
- **Avoid dangerous environments:** Do not use the pole saw in wet conditions or in the presence of flammable liquids or gases.
- **Do not overreach:** Maintain proper footing and balance at all times.
- **Use the right tool:** Do not force the tool or use it for tasks it was not designed for.

3. PRODUCT OVERVIEW

The RYOBI P4360BTL is an 18-Volt ONE+ Lithium-Ion Battery Pole Saw designed for efficient pruning of high branches. It features an 8-inch bar and chain, an automatic oiler, and an in-line motor for precision pruning.

Key Features:

- **8-inch Bar and Chain:** Suitable for cutting branches up to 6 inches in diameter.
- **Adjustable Length:** Extends from 6.5 feet to 9.5 feet for reaching tall trimming areas.
- **Angled Cutting Head:** Provides improved control during cutting.
- **Automatic Oiler:** Ensures smooth operation and extends chain life.
- **In-Line Motor:** Allows for pruning in tight spaces.
- **18V ONE+ System Compatibility:** Uses any RYOBI 18V ONE+ lithium-ion battery (battery sold separately).

4. SETUP

4.1 Assembly

1. **Unpack Components:** Carefully remove all parts from the packaging.
2. **Attach Extension Pole (if desired):** Align the arrow on the extension pole with the arrow on the main pole section. Push the sections together until they click securely into place. Ensure the locking collar is tightened.
3. **Install Bar and Chain:** Refer to the detailed instructions in the separate chain saw manual for proper installation and tensioning of the 8-inch bar and chain. Ensure the chain is correctly seated in the guide bar groove and tensioned according to specifications.

4.2 Battery Installation

1. Ensure the pole saw is turned off.
2. Align the ribs on the battery pack with the grooves in the tool's battery port.
3. Slide the battery pack into the tool until it latches securely.
4. To remove, press the release button on the battery pack and pull it out.

4.3 Chain Oiling

The pole saw features an automatic oiler. It is crucial to fill the oil reservoir before each use.

1. Place the pole saw on a flat surface with the oil cap facing upwards.
2. Unscrew the oil cap.
3. Fill the reservoir with high-quality bar and chain oil. Do not use waste oil or thin oil.
4. Replace the oil cap and tighten it securely to prevent leaks.
5. Periodically check the oil level during operation and refill as needed.

5. OPERATING INSTRUCTIONS

5.1 Extending the Pole

1. Loosen the locking collar on the pole.
2. Extend the pole to the desired length. Do not extend beyond the maximum marked length.
3. Tighten the locking collar firmly to secure the pole in position.

5.2 Cutting Techniques

Always maintain a firm grip with both hands on the pole saw handles. Ensure stable footing.

- **Planning the Cut:** Before cutting, assess the branch's direction of fall and clear the area. Avoid cutting branches that are under tension.
- **Making the Cut:** Start the saw before contacting the branch. Allow the saw to reach full speed. Place the bottom of the chain against the branch and let the saw cut through with minimal pressure. Do not force the saw.
- **Undercutting Large Branches:** For larger branches, make a small undercut on the underside of the branch first to prevent bark stripping, then complete the cut from the top.
- **Avoid Kickback:** Be aware of the kickback zone at the tip of the guide bar. Avoid contact with this area.
- **Clearing Debris:** Turn off the saw and remove the battery before attempting to clear any jammed branches or debris.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pole saw. Always remove the battery before performing any maintenance.

6.1 Cleaning

- After each use, clean the tool with a soft brush or cloth.
- Remove sawdust, chips, and debris from the motor housing, chain, and bar.
- Do not use water or solvents to clean the tool.

6.2 Chain Maintenance

- **Chain Tension:** Check chain tension frequently. A properly tensioned chain should be snug but still able to be pulled around the guide bar by hand.
- **Chain Sharpening:** A dull chain will not cut efficiently and can cause excessive wear. Sharpen the chain regularly or replace it with a RYOBI Y33 .043" replacement chain when necessary.
- **Bar Maintenance:** Periodically clean the guide bar groove and oil holes. Flip the guide bar regularly to ensure even wear.

7. TROUBLESHOOTING

If you encounter issues with your pole saw, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Saw does not start	Battery not installed correctly Battery discharged Safety switch not engaged	Ensure battery is fully seated Charge battery pack Ensure trigger and safety lock-out are pressed simultaneously
Poor cutting performance	Dull chain Incorrect chain tension Insufficient chain oil	Sharpen or replace chain Adjust chain tension Fill oil reservoir
Chain stops during cut	Chain jammed Overloading the motor	Remove battery, clear jam Reduce cutting pressure, allow saw to do the work
Oil leaking from saw	Loose oil cap Normal seepage when stored	Tighten oil cap Store saw on its side or drain oil for long-term storage

8. SPECIFICATIONS

Feature	Specification
Model Number	P4360BTL
Brand	RYOBI
Power Source	18-Volt Lithium-Ion Battery (ONE+ system)
Blade Length	8 inches
Cutting Diameter	Up to 6 inches
Extended Length	9.5 feet
Collapsed Length	6.5 feet
Item Weight (Tool Only)	6.6 lbs
Weight with Extension Pole	7.1 lbs
Replacement Chain	Y33 .043"
UPC	046396021960

9. WARRANTY AND SUPPORT

The RYOBI P4360BTL ONE+ 8-inch 18-Volt Lithium-Ion Battery Pole Saw is backed by a RYOBI 3-Year Limited Warranty. For warranty claims, technical support, or to locate authorized service centers, please refer to the official RYOBI website or contact RYOBI customer service directly. Keep your proof of purchase for warranty validation.

