

## RYOBI P2501BTL

# RYOBI ONE+ 18V 8 in. Cordless Oil-Free Pole Saw (P2501BTL) User Manual

Model: P2501BTL

## INTRODUCTION

Welcome to the user manual for your RYOBI ONE+ 18V 8 in. Cordless Oil-Free Pole Saw. This document provides essential information for the safe and effective assembly, operation, maintenance, and troubleshooting of your tool. Please read this manual thoroughly before first use and keep it for future reference.

## SAFETY INFORMATION

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

- **Read the Entire Manual:** Understand all warnings and operating instructions before use.
- **Wear Personal Protective Equipment (PPE):** Always wear eye protection (safety glasses or goggles), hearing protection, and heavy-duty gloves. A hard hat is recommended when working overhead.
- **Maintain Stable Footing:** Ensure you have firm and balanced footing. Do not overreach.
- **Keep Bystanders Away:** Maintain a safe distance from other people, children, and pets.
- **Check for Overhead Power Lines:** Before cutting, always look up and ensure no power lines are in the vicinity of your work area. Contact with power lines can be fatal.
- **Avoid Wet Conditions:** Do not operate the pole saw in rain or damp conditions.
- **Never Stand on a Ladder:** Do not use the pole saw while standing on a ladder or any unstable surface.
- **Use Both Hands:** Always hold the pole saw firmly with both hands during operation.
- **Remove Battery When Not in Use:** Always remove the battery pack when assembling parts, making adjustments, cleaning, or storing the tool.

## WHAT'S IN THE BOX

Your RYOBI ONE+ 18V 8 in. Cordless Oil-Free Pole Saw package includes:

- RYOBI ONE+ 18V 8 in. Cordless Oil-Free Pole Saw Tool (P2501BTL)
- Instruction Manual

**Note: Battery and charger are sold separately and are required for operation.**

## SETUP

Follow these steps to prepare your pole saw for use.

1. **Attach Pole Sections:** If your pole saw comes in multiple sections, securely connect them. Ensure all locking mechanisms (if present) are fully engaged to prevent accidental separation during use.
2. **Install Battery:** Insert a fully charged RYOBI ONE+ 18V battery into the battery port located on the tool. Push until it clicks securely into place. Ensure the battery is clean and free of debris.
3. **Check Chain Tension:** Before each use, verify the chain tension. The chain should be snug against the guide bar but still allow you to pull it freely around the bar by hand. Refer to the tool's specific adjustment mechanism for tightening or loosening the chain if needed. A properly tensioned chain is crucial for safe and efficient cutting.
4. **Oil-Free Operation:** This RYOBI pole saw is designed for oil-free operation. No bar and chain oil is required, simplifying maintenance and reducing mess.



Image: The RYOBI ONE+ 18V 8 in. Cordless Oil-Free Pole Saw (P2501BTL) tool. This image shows the main unit of the pole saw, highlighting its compact design and the 8-inch cutting bar.

## OPERATING INSTRUCTIONS

Follow these guidelines for safe and effective operation of your pole saw.

- 1. Pre-Operation Check:** Before each use, inspect the pole saw for any visible damage, loose fasteners, or obstructions. Ensure the chain is sharp, properly tensioned, and free of debris.
- 2. Starting the Saw:** Hold the pole saw firmly with both hands, maintaining a balanced stance. Engage the safety switch (if applicable) and then press the trigger to start the motor. Allow the chain to reach full operating speed before making contact with the branch.
- 3. Cutting Technique:**
  - Position the saw head against the underside of the branch first to make a small relief cut (undercut) to prevent pinching.
  - Then, make the main cut from the top of the branch, slightly further out from the trunk than the undercut.
  - Use a steady, controlled motion. Do not force the saw through the wood; let the chain do the work.
  - Be aware of the direction the branch will fall and ensure the area below is clear.
  - Avoid cutting branches thicker than the recommended capacity of the 8-inch bar.
- 4. Stopping the Saw:** Release the trigger. The chain will stop quickly. Always wait for the chain to come to a complete stop before setting the tool down.

## MAINTENANCE

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

- **Cleaning:** After each use, remove the battery and thoroughly clean the saw bar, chain, and tool housing. Use a brush or compressed air to remove sawdust, sap, and debris.
- **Chain Care:** Regularly inspect the chain for sharpness, damage, or excessive wear. A dull chain can lead to poor cutting performance and increased strain on the motor. Sharpen or replace the chain as needed. Refer to the chain manufacturer's guidelines for sharpening.
- **Storage:** Store the pole saw in a dry, secure location, away from moisture and extreme temperatures. Always remove the battery pack before storing the tool for extended periods. Keep out of reach of children.
- **Oil-Free Design:** As an oil-free pole saw, there is no need to add or check bar and chain oil. This simplifies maintenance but requires diligent chain inspection for wear.

## TROUBLESHOOTING

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

| Problem                       | Possible Cause                                                             | Solution                                                                                                |
|-------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Saw does not start            | Battery not charged or improperly installed. Safety switch not disengaged. | Ensure battery is fully charged and securely inserted. Disengage safety switch and fully press trigger. |
| Chain not cutting effectively | Dull chain. Incorrect chain tension.                                       | Sharpen or replace chain. Adjust chain tension as per setup instructions.                               |

| Problem                            | Possible Cause                                                  | Solution                                                                      |
|------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------|
| Chain comes off guide bar          | Loose chain tension. Improper chain installation.               | Adjust chain tension. Reinstall chain and guide bar correctly.                |
| Motor runs but chain does not move | Chain brake engaged (if applicable). Obstruction in chain path. | Check for and disengage chain brake. Remove any debris obstructing the chain. |

If the problem persists after attempting these solutions, please contact RYOBI customer service for further assistance.

## SPECIFICATIONS

- **Brand:** RYOBI
- **Model Number:** P2501BTL
- **Power Source:** Battery Powered (RYOBI ONE+ 18V)
- **Bar Length:** 8 inches
- **Oil System:** Oil-Free
- **Item Weight:** 6.6 pounds
- **UPC:** 046396035790
- **Manufacturer:** RYOBI
- **Included Components:** Pole Saw Tool

## WARRANTY AND SUPPORT

**Warranty Information:** This RYOBI ONE+ 18V 8 in. Cordless Oil-Free Pole Saw (P2501BTL) comes with a 30-day limited warranty from the manufacturer. Please retain your proof of purchase for warranty claims.

**Customer Support:** For technical assistance, questions regarding operation, maintenance, replacement parts, or to make a warranty claim, please contact RYOBI customer service. You can find the most up-to-date contact information on the official RYOBI website or on the product packaging.