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› [RYOBI 18V ONE+ 8" POLE SAW & 8" PRUNING SAW COMBO KIT User Manual](#)

RYOBI P20310

RYOBI 18V ONE+ 8" POLE SAW & 8" PRUNING SAW COMBO KIT

MODEL: P20310 - USER INSTRUCTION MANUAL

Introduction

This manual provides essential information for the safe and effective operation, assembly, and maintenance of your RYOBI 18V ONE+ 8" Pole Saw and 8" Pruning Saw Combo Kit. Please read all instructions carefully before use to ensure proper function and to prevent injury.

The RYOBI 18V ONE+ system offers versatility with over 260 compatible tools. This combo kit includes an 8-inch cordless pole saw and an 8-inch cordless pruning chainsaw, both designed for pruning and limbing tasks around your yard. The tools feature an oil-free design for reduced maintenance.

General Safety Information

WARNING: Read 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.

- Always wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, gloves, and sturdy footwear.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Ensure the work area is well-lit and clear of obstacles.
- Avoid unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the tool.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Maintain tools. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the power tool's operation.

Package Contents

Verify that all items listed below are included in your package. If any parts are missing or damaged, contact customer service.

- RYOBI 18V ONE+ 8" Cordless Pole Saw
- RYOBI 18V ONE+ 8" Cordless Pruning Chainsaw
- 18V 2.0Ah Lithium-Ion Battery
- 18V Charger
- Operator's Manual



This image displays the RYOBI 18V ONE+ 8-inch Pole Saw, the 8-inch Pruning Saw, an 18V ONE+ battery, and a charger. The pole saw is shown disassembled into two main sections, with the saw head attached to one end and the handle to the other. The pruning saw is a compact, handheld unit. The battery and charger are separate components.

Setup

1. Battery Charging and Installation

1. **Charging the Battery:** Connect the 18V charger to a standard power outlet. Insert the 18V 2.0Ah lithium-ion battery into the charger. The indicator light on the charger will show the charging status. Allow the battery to fully charge before first use.
2. **Installing the Battery:** Align the battery pack with the battery port on the tool (either pole saw or pruning saw). Slide the battery into the tool until it clicks securely into place. Ensure it is fully seated before operation.

3. **Removing the Battery:** Press the battery release latch and pull the battery pack out of the tool.

2. Pole Saw Assembly

The pole saw typically comes in multiple sections for adjustable length. Refer to the specific diagrams in your included printed manual for detailed assembly steps.

- Connect the pole sections by aligning the arrows and twisting until they lock.
- Ensure all connections are secure before operating the pole saw. The pole saw extends up to 9.5 feet for longer reach.

3. Chain Installation and Tensioning

Both the pole saw and pruning chainsaw feature side access chain tensioning for easy adjustments.

- **Installation:** With the battery removed, remove the side cover. Carefully place the chain around the bar and sprocket, ensuring the cutting edges are facing the correct direction. Replace the side cover.
- **Tensioning:** Use the onboard tool (often a wrench or screwdriver) to adjust the chain tensioning screw. The chain should be snug against the bar but still able to be pulled freely by hand. There should be no slack on the underside of the bar, and the drive links should be seated in the bar groove.
- **Oil-Free Design:** These tools are designed for oil-free operation, eliminating the need for chain oil.

Operating Instructions

1. RYOBI 18V ONE+ 8" Cordless Pole Saw

- **Starting:** Ensure the battery is installed. Press the safety lock-out button and then squeeze the trigger to start the saw.
- **Cutting Technique:** Position the angled cutting head against the branch. Allow the saw to reach full speed before engaging the wood. Use a steady, controlled motion, letting the saw do the work. Avoid forcing the saw.
- **Limbing:** For larger branches, make an undercut first to prevent pinching, then complete the cut from the top.
- **Reach:** The pole saw extends up to 9.5 feet, allowing access to higher branches. Maintain a safe distance from the cutting area.

2. RYOBI 18V ONE+ 8" Cordless Pruning Chainsaw

- **SAFE-T-TIP:** Install the SAFE-T-TIP prior to use for safe operation. This tip helps prevent kickback.
- **Starting:** Ensure the battery is installed. Press the safety lock-out button and then squeeze the trigger to start the saw.
- **Cutting Technique:** Hold the pruning chainsaw firmly with both hands. Allow the saw to reach full speed before engaging the wood. Use a smooth, controlled motion. This compact and lightweight tool is ideal for smaller branches and reducing fatigue.
- **Limbing:** For branches that might pinch the blade, make an undercut first.

Maintenance

1. Cleaning

- Always remove the battery pack before cleaning or performing any maintenance.
- Use a clean, damp cloth to wipe down the exterior of the tools.

- Remove any sawdust, debris, or sap from the chain, bar, and sprocket area using a brush or compressed air.

2. Chain Care

- **Sharpening:** A dull chain will not cut efficiently and can cause kickback. Sharpen the chain regularly or replace it when necessary. Refer to a professional or specific chain sharpening instructions.
- **Replacement:** Replace worn or damaged chains promptly. Ensure the replacement chain matches the specifications of the original.

3. Storage

- Store the tools in a dry, secure location out of reach of children.
- Remove the battery pack from the tools before storing for extended periods.
- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed; Safety lock-out not engaged; Faulty switch	Charge battery and ensure proper installation; Press safety lock-out button before trigger; Contact customer service if switch is faulty
Poor cutting performance	Dull chain; Incorrect chain tension; Chain installed backward	Sharpen or replace chain; Adjust chain tension; Reinstall chain correctly
Chain comes off bar	Loose chain tension; Worn chain or bar	Adjust chain tension; Inspect and replace worn chain or bar
Excessive vibration	Damaged chain or bar; Loose components	Inspect and replace damaged chain or bar; Check all fasteners for tightness

Specifications

Feature	Specification
Brand	RYOBI
Model Number	P20310
Voltage	18 Volts
Blade Length (Pole Saw & Pruning Saw)	8 Inches
Pole Saw Extension	Up to 9.5 feet
Power Source	Battery Powered (1 Lithium Ion battery required)

Feature	Specification
Blade Material	High Speed Steel
Item Weight	6.2 Pounds (for the combo kit)
Special Feature	Oil-free design, Angled cutting head (Pole Saw), SAFE-T-TIP (Pruning Saw)

Warranty and Support

This RYOBI product is backed by a **3-Year Limited Warranty**. For specific warranty details, claims, or technical support, please refer to the warranty card included with your product or visit the official RYOBI website.

For additional protection, 3-Year and 4-Year Protection Plans may be available for purchase separately. Contact your retailer for more information on extended protection options.