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Oregon 590990

Oregon 590990 40V MAX Pole Saw Attachment User Manual

INTRODUCTION

This manual provides essential information for the safe and effective use, setup, operation, maintenance, and troubleshooting of your Oregon 590990 40V MAX Pole Saw Attachment. Please read all instructions carefully before use and retain this manual for future reference.

SAFETY INFORMATION

Always prioritize safety when operating power tools. Wear appropriate personal protective equipment (PPE) including safety glasses, gloves, and hearing protection. Ensure the work area is clear of bystanders and obstacles. Disconnect the battery before performing any maintenance or adjustments. Refer to the main powerhead manual for additional safety guidelines.

PRODUCT OVERVIEW

The Oregon 590990 40V MAX Pole Saw Attachment is designed for pruning trees and cutting branches. It features a 10-inch bar and a 1/4 pitch Oregon 25AP chain for smooth cutting performance. This attachment connects to the Oregon Cordless Powerhead PH600, utilizing its brushless motor for sustained power. An optional EX600 extension can extend the reach up to 8 feet 11 inches.



Figure 1: Oregon 590990 40V MAX Pole Saw Attachment. This image shows the complete pole saw attachment, ready for connection to a powerhead.



Figure 2: Close-up view of the pole saw cutting head. This image highlights the 10-inch bar and 1/4 pitch Oregon 25AP chain, along with the oil tank cap.

Key Features:

- **10-inch Bar and Chain:** Provides excellent cutting capacity for various branch sizes.
- **1/4 Pitch Oregon 25AP Chain:** Engineered for smooth and efficient cuts.
- **Oil Tank Capacity:** 3.4 oz (100 ml) for chain lubrication.
- **Compatibility:** Designed to connect seamlessly with the Oregon Cordless Powerhead PH600.
- **Extended Reach:** Can be used with the EX600 extension to achieve a total length of up to 8 feet 11 inches.

SETUP

1. **Attach to Powerhead:** Align the pole saw attachment with the Oregon Cordless Powerhead PH600. Push the attachment firmly into the powerhead until it clicks into place. Secure it by tightening any locking knobs or levers as per the powerhead's instructions.
2. **Fill Chain Oil Reservoir:** Unscrew the oil tank cap on the saw head. Carefully fill the reservoir with appropriate chain lubricant (3.4 oz / 100 ml capacity). Replace the cap securely.
3. **Check Chain Tension:** Ensure the chain is properly tensioned. The chain should be snug against the bar but still able to be pulled freely by hand. Adjust tension as needed using the tensioning mechanism, typically a screw or knob near the bar.
4. **Install Battery:** Insert a charged Oregon 40V MAX battery into the powerhead until it locks into place.



Figure 3: The Oregon Multi-Attachment System. This image illustrates how the pole saw attachment integrates with the powerhead and other tools in the system.

OPERATING INSTRUCTIONS

1. **Pre-Operation Check:** Before each use, inspect the pole saw for any damage, loose parts, or oil leaks. Ensure the chain is sharp and properly tensioned.
2. **Starting the Saw:** Engage the safety lock-out switch and press the trigger to start the saw. Allow the chain to reach full speed before making contact with the branch. This helps prevent the chain from bouncing or being thrown.
3. **Cutting Technique:** Position the saw head on the branch to be cut. Use a steady, controlled motion. Avoid forcing the saw through the wood; let the chain do the work. For larger branches, make an undercut first to prevent pinching.
4. **Using the Extension:** If using the EX600 extension, ensure it is securely attached to both the powerhead and the pole saw attachment. Maintain a stable stance and be aware of the increased length.

and weight.

- Battery Life:** The 40V MAX battery provides significant runtime. A 6.0 Ah battery can make up to 750 cuts of 2-3 inch (5-7.5 cm) diameter wood. Monitor the battery indicator on the powerhead.

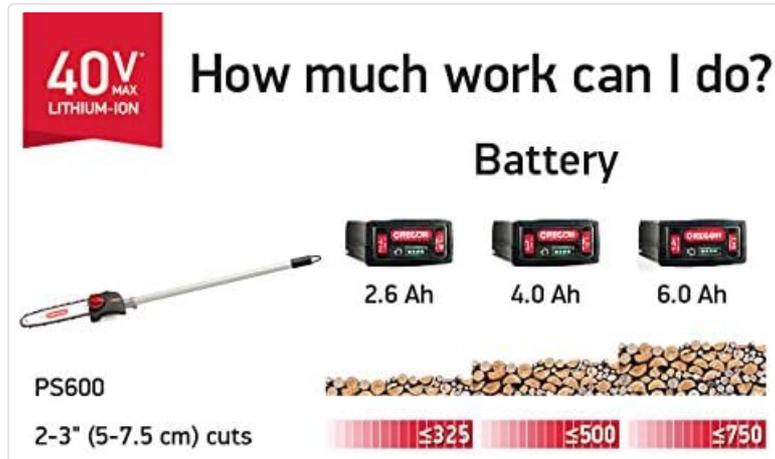


Figure 4: Oregon 40V MAX Battery Performance Chart. This chart illustrates the approximate number of cuts for 2-3 inch (5-7.5 cm) wood based on different battery capacities (2.6 Ah, 4.0 Ah, 6.0 Ah).

Official Product Video: Oregon 40V MAX Multi-Attachment System Overview

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This video provides a general overview of the Oregon 40V MAX Multi-Attachment System, demonstrating the powerhead and various attachments, including the pole saw, in action. It showcases the ease of switching between tools and the system's overall versatility.

MAINTENANCE

- **Chain Lubrication:** Regularly check the chain oil level and refill as needed. Proper lubrication is crucial for chain life and cutting performance.
- **Chain Sharpening:** Keep the chain sharp. A dull chain will not cut efficiently and can lead to kickback. Refer to a chainsaw sharpening guide for proper technique or have it professionally sharpened.
- **Chain Tension:** Periodically check and adjust chain tension. A loose chain can derail, while an overly tight chain can cause premature wear.
- **Cleaning:** After each use, clean the saw head, bar, and chain to remove sawdust, sap, and debris. Ensure ventilation openings on the powerhead are clear.
- **Storage:** When storing the pole saw, especially for extended periods, ensure the chain oil reservoir is empty to prevent potential leaks. Store the tool in a dry, secure location.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Oil reservoir consistent drip when storing	Slow leak from cap or chamber seals.	Empty the oil reservoir before storing the unit. Store horizontally if possible. Inspect and replace seals if necessary.
Chain bounces or is thrown off the bar	Chain not spinning up to speed before cutting; loose chain tension.	Always allow the chain to reach full operating speed before making contact with the branch. Check and tighten chain tension as per instructions.

Problem	Possible Cause	Solution
Shaft rotates during operation	Attachment not securely fastened to the powerhead; detent pin or tightening knob issues.	Ensure the attachment is fully engaged and the detent pin is locked. Tighten the securing knob(s) firmly to prevent rotation.
Saw not cutting efficiently	Dull chain; improper chain tension; insufficient oil.	Sharpen the chain or replace it. Adjust chain tension. Ensure the oil reservoir is filled and the chain is being lubricated.

SPECIFICATIONS

- **Product Dimensions:** 41.9 x 4.6 x 3.7 inches
- **Item Weight:** 4 pounds
- **Manufacturer:** Oregon Tool
- **Item Model Number:** 590990
- **Brand:** Oregon
- **Power Source:** Battery Powered (requires Oregon 40V MAX Powerhead)
- **Bar Length:** 10 inches
- **Chain Pitch:** 1/4 inch (Oregon 25AP chain)
- **Oil Tank Capacity:** 3.4 oz (100 ml)
- **Maximum Length with EX600 Extension:** 8 feet 11 inches

WARRANTY AND SUPPORT

Specific warranty information for the Oregon 590990 40V MAX Pole Saw Attachment was not provided in the available product data. For detailed warranty terms, product support, or to contact customer service, please refer to the documentation included with your purchase or visit the official Oregon Tool website.