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› Avhrit 8 Inch Pole Saw & Mini Chainsaw 2-in-1 User Manual

## Avhrit APS80

# Avhrit 8 Inch Pole Saw & Mini Chainsaw 2-in-1 Instruction Manual

Model: APS80

## 1. INTRODUCTION

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Thank you for choosing the Avhrit 8 Inch Pole Saw & Mini Chainsaw 2-in-1. This versatile tool is designed for efficient tree trimming and pruning, offering both extended reach with the pole saw configuration and portability as a handheld mini chainsaw. This manual provides essential information for safe operation, assembly, maintenance, and troubleshooting to ensure optimal performance and longevity of your tool.



Figure 1: Avhrit 8 Inch Pole Saw & Mini Chainsaw 2-in-1

This image displays the Avhrit 8 Inch Pole Saw and Mini Chainsaw in both its extended pole configuration and its compact handheld form. It also highlights the included 21V 4.0Ah batteries and a detailed view of the oil reservoir for chain lubrication.

## 2. 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.

### General Power Tool Safety Warnings:

- **Work Area Safety:** Keep work area clean and well lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, hearing protection, and appropriate protective clothing (gloves, sturdy footwear). Do not overreach. Maintain proper footing and balance at all times.

- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

### Chainsaw Specific Safety:

- Always hold the chainsaw with both hands when the motor is running.
- Ensure the chain is properly tensioned and lubricated before each use.
- Be aware of kickback. Avoid contact of the guide bar tip with any object.
- Do not operate the chainsaw in a tree or on a ladder. Use the pole saw for high branches.
- Clear the work area of debris and bystanders before starting.

## 3. PACKAGE CONTENTS

Upon opening your Avhrit 8 Inch Pole Saw & Mini Chainsaw 2-in-1 kit, please verify that all the following components are included:



Figure 2: All-Inclusive Kit Components

This image illustrates all the items included in the Avhrit 2-in-1 pole saw kit, laid out neatly. It shows the main chainsaw unit, the extension pole, batteries, charger, and various accessories.

- Avhrit 8 inch Mini Chainsaw x 1
- Upgraded Extension Pole x 1
- Chain (One has been installed) x 2
- 4000mAh Battery x 2
- Extra Auxiliary Handle x 1
- Anti-Slip Gloves x 1
- Goggle x 1
- Charger x 1
- Pole Shoulder Belt x 1
- Chain Protective Sleeve x 1

## 4. SETUP

## 4.1 Battery Charging

Before first use, fully charge both 4000mAh Lithium-Ion batteries. Connect the charger to a standard power outlet and insert the battery. The indicator light on the charger will show the charging status. A full charge typically takes 3-4 hours.



Figure 3: 21V 4000mAh Lithium-Ion Batteries

This image provides a detailed view of the 21V 4000mAh Lithium-Ion battery, highlighting its internal structure and various protection features such as over current, over voltage, over temperature, and overcharge protection. It also indicates a working time of 60-80 minutes and a charging time of 3-4 hours.

## 4.2 Chain Installation and Tensioning

Your chainsaw comes with one chain pre-installed and a spare. Ensure the chain is correctly seated on the guide bar and sprocket. The Avhrit chainsaw features a tool-free chain tensioning system. Simply turn the red knob by hand to achieve the desired tension. The chain should be snug but still able to be pulled slightly away from the guide bar.

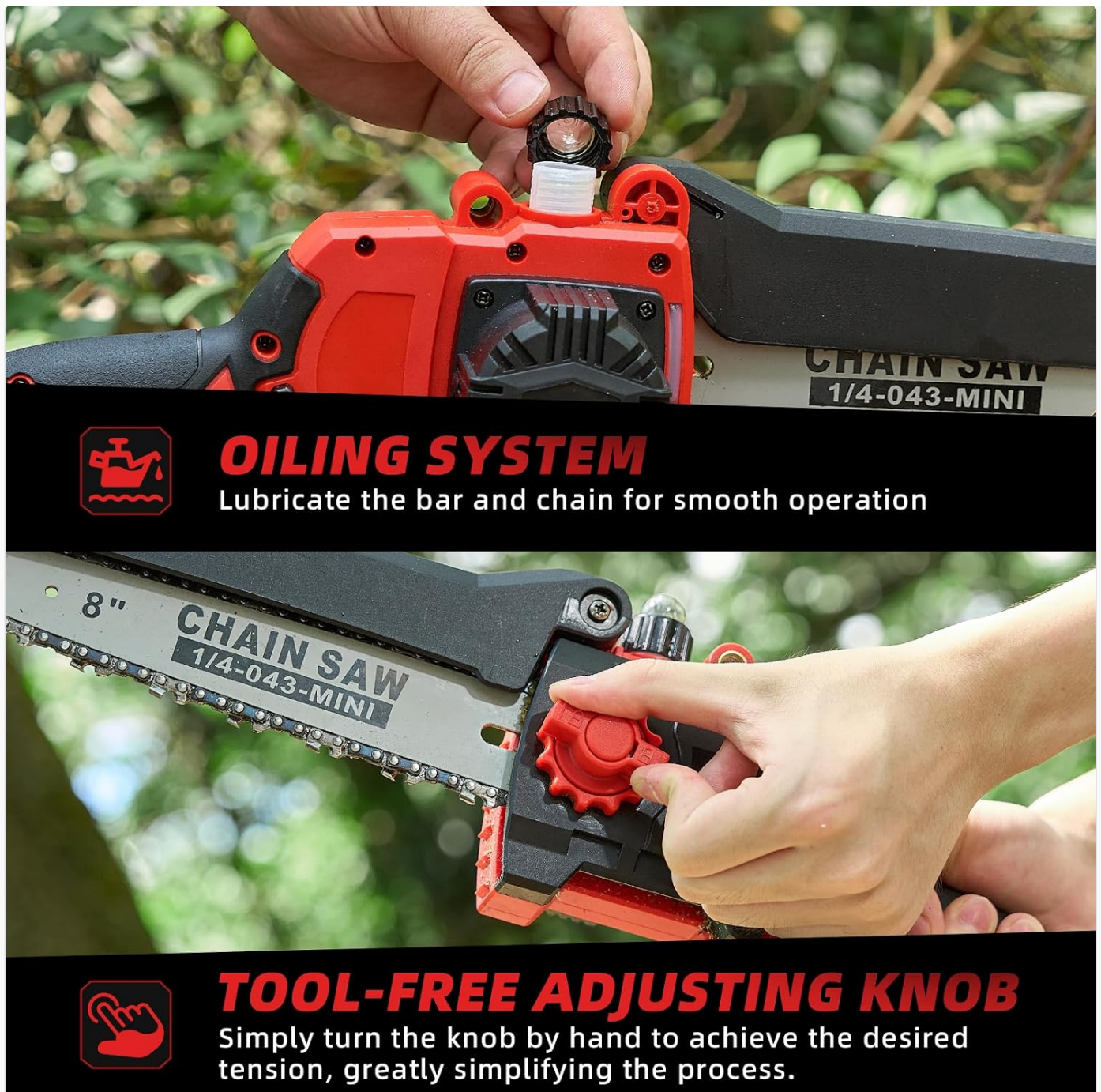


Figure 4: Tool-Free Chain Adjustment and Oiling System

This image provides a close-up view of the chainsaw's features, specifically highlighting the tool-free adjustment knob for chain tensioning and the integrated oiling system designed to lubricate the bar and chain for smooth operation.

### 4.3 Oiling System

Locate the oil reservoir cap on the chainsaw unit. Fill the reservoir with appropriate bar and chain oil (not included). The clear oil window allows you to monitor oil levels at a glance. Ensure the reservoir is adequately filled before each use to prevent damage to the chain and bar.

### 4.4 Assembly (Pole Saw Configuration)

1. Attach the mini chainsaw unit to the extension pole by aligning the connectors and securing them firmly.
2. Ensure the connection is secure before operation.
3. Attach the pole shoulder belt for comfortable and balanced operation, especially when reaching high branches.

## 5. OPERATING INSTRUCTIONS

## 5.1 General Operation

To start the chainsaw, press the safety lock button and then squeeze the trigger. Release the trigger to stop the saw. Always ensure a firm grip on the tool.

## 5.2 Using as a Pole Saw

The extension pole allows you to reach branches up to 16 feet high (based on a 6-foot tall person holding the pole at shoulder level, 60 degrees from the ground). Extend the pole to the desired length and secure it. Use the shoulder belt for stability and balance. Make sure to stand on stable ground and maintain a safe distance from the cutting area.



Figure 5: High Reach Operation

This image shows a person utilizing the Avhrit pole saw to trim high branches, demonstrating its extended reach capability. An overlay highlights the impressive 'Up to 16 feet' total reach, calculated for a six-foot-tall person holding the pole at shoulder level, 60 degrees from the ground.

## 5.3 Using as a Mini Chainsaw

Detach the chainsaw unit from the extension pole for handheld operation. This lightweight configuration is ideal for

pruning lower branches, cutting small logs, or working in tight spaces. The ergonomic auxiliary handle provides superior grip and control for one-handed operation.

## **OPERATES WITHOUT POLE** **ONE-HANDLE MINI CHAINSAW**



Figure 6: Handheld Mini Chainsaw Operation

This image depicts a person operating the Avhrit mini chainsaw in its handheld configuration, demonstrating its ease of use for cutting small logs. The image emphasizes its one-handed operation capability.

### **5.4 Cutting Techniques**

- Always make sure the chain is at full speed before beginning a cut.
- For branches, make an undercut first to prevent bark stripping, then complete the cut from the top.
- Do not force the saw; let the brushless motor and sharp chain do the work.
- Be mindful of falling branches and clear your escape path.

## **6. MAINTENANCE**

### **6.1 Chain Lubrication**

Regular lubrication is crucial for the longevity and performance of your chainsaw. Always ensure the oil reservoir is filled with bar and chain oil before and during operation. The automatic oiling system will keep the chain and bar lubricated.

## 6.2 Chain Sharpening and Replacement

A sharp chain is essential for efficient and safe cutting. Sharpen the chain regularly or replace it when it becomes dull or damaged. Your kit includes a spare chain for convenience. Refer to the chain manufacturer's guidelines for proper sharpening techniques.

## 6.3 Cleaning

After each use, disconnect the battery and clean the chainsaw. Remove sawdust, debris, and sap from the guide bar, chain, and motor housing. Use a soft cloth and mild detergent if necessary. Do not use harsh chemicals or abrasive cleaners.

## 6.4 Battery Care and Storage

Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge batteries to approximately 50% capacity. Avoid fully discharging batteries before recharging to prolong their lifespan.

# 7. TROUBLESHOOTING

| Problem                      | Possible Cause                                                                  | Solution                                                                       |
|------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Chainsaw does not start      | Battery not charged<br>Battery not properly inserted<br>Safety lock not engaged | Charge battery<br>Re-insert battery firmly<br>Press safety lock before trigger |
| Poor cutting performance     | Dull chain<br>Improper chain tension<br>Insufficient oil                        | Sharpen or replace chain<br>Adjust chain tension<br>Fill oil reservoir         |
| Chain stops during operation | Overload<br>Low battery                                                         | Reduce cutting pressure<br>Recharge or replace battery                         |
| Excessive vibration          | Loose chain<br>Damaged chain or bar                                             | Adjust chain tension<br>Inspect and replace damaged parts                      |

# 8. SPECIFICATIONS

| Feature          | Specification   |
|------------------|-----------------|
| Model Number     | APS80           |
| Power Source     | Battery Powered |
| Voltage          | 21 Volts        |
| Chain Length     | 8 inches        |
| Battery Type     | Lithium Ion     |
| Battery Capacity | 2 x 4.0Ah       |

| Feature              | Specification                                              |
|----------------------|------------------------------------------------------------|
| Product Dimensions   | 12 x 9 x 101 cm                                            |
| Item Weight          | 5.16 kg                                                    |
| Extension Pole Reach | 6 to 9.7 feet (up to 16 feet total reach for a 6ft person) |
| Motor Type           | Brushless Motor                                            |

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact Avhrit customer service directly. Refer to the contact information provided on the product packaging or the official Avhrit website.

**Manufacturer:** Avhrit

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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.

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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