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> Avhrit 2-in-1 Mini Chainsaw and Electric Pole Pruner, 20 cm Telescopic Chainsaw with Lubrication System, 2 Batteries, 120 Degree Rotatable Cutting Head, Working Height up to 4.5 m

Avhrit APS80

Avhrit 2-in-1 Mini Chainsaw and Electric Pole Pruner User Manual

Model: APS80

INTRODUCTION

Thank you for choosing the Avhrit 2-in-1 Mini Chainsaw and Electric Pole Pruner. This versatile tool is designed for efficient and flexible gardening tasks, allowing you to perform both fine cuts as a mini handheld chainsaw and prune high branches as a pole pruner. Featuring an 8000 mAh battery, a powerful brushless motor, and an 8-inch telescopic design with a lubrication system, this tool offers convenience and performance for various cutting needs.

Please read this manual thoroughly before operation to ensure safe and effective use of your new tool. Keep this manual for future reference.

SAFETY INFORMATION

Always prioritize safety when operating power tools. Failure to follow safety instructions can result in serious injury.

- **Read the Manual:** Understand all instructions and warnings before use.
- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, gloves, and sturdy footwear. A hard hat is recommended when using the pole pruner.
- **Work Area:** Keep the work area clean and well-lit. Do not operate in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Keep Bystanders Away:** Do not allow children or untrained persons to operate the tool or be in the work area.
- **Secure Grip:** Always maintain a firm grip on the tool with both hands.
- **Avoid Accidental Starting:** Ensure the safety lock switch is engaged when not in use or during maintenance.
- **Battery Safety:** Use only the specified charger and batteries. Do not expose batteries to extreme temperatures or water.
- **Maintenance:** Regularly inspect the chain, guide bar, and other components for damage. Perform maintenance as described in this manual.
- **Overhead Power Lines:** Be extremely cautious of overhead power lines when using the pole pruner. Maintain a safe distance.

PRODUCT COMPONENTS

The Avhrit 2-in-1 Mini Chainsaw and Electric Pole Pruner comes with the following components:

- Mini Chainsaw Unit (8-inch)
- Telescopic Pole
- 2 x 4.0 Ah Lithium-ion Batteries
- Battery Charger
- Protective Cover for Chain
- Gloves
- Empty Oil Bottle (for lubrication)
- Shoulder Straps and Handles



Image: Overview of the Avhrit 2-in-1 Mini Chainsaw and Electric Pole Pruner, showing the mini chainsaw unit, telescopic pole, two batteries, and an oil bottle.

SETUP

1. Charging the Batteries

Before first use, fully charge both 4.0 Ah lithium-ion batteries. The charging time is approximately 1-2 hours per battery.

- Connect the charger to a power outlet.
- Insert the battery into the charger.
- The indicator lights on the battery will show the charging status. Once fully charged, remove the battery from the charger.



Image: Close-up of the two 21V 4000mAh upgraded batteries, highlighting their voltage, capacity, power display, charging time (1-2 hours), and working time (40-60 minutes).

2. Assembling the Chainsaw Unit

The mini chainsaw unit typically comes pre-assembled. Ensure the chain is correctly seated on the guide bar and the cover knob is securely fastened.

3. Chain Tension Adjustment (Tool-Free)

The Avhrit chainsaw features a tool-free automatic chain adjustment function. This allows for easy tensioning by simply

rotating the chain tension knob.

- Ensure the battery is removed before adjusting the chain.
- Locate the chain tension knob on the side of the chainsaw unit.
- Rotate the knob to adjust the chain tension. The chain should be snug but still able to be pulled freely around the guide bar by hand.
- Refer to the visual guide for correct chain direction and tension.



Image: Detailed view of the tool-free chain adjustment system, showing the cover knob, chain tension knob, and correct chain orientation. It emphasizes that no external tools are needed for adjustment.

4. Filling the Lubrication System

The chainsaw has an automatic lubrication system. Fill the oil reservoir before each use.

- Use appropriate chainsaw bar and chain oil.
- Locate the oil reservoir cap on the chainsaw unit.
- Carefully fill the reservoir using the provided empty oil bottle or a suitable funnel. Avoid overfilling.

- To activate lubrication, press the lubrication button 3-4 times during operation.



Image: A hand demonstrating how to fill the oil reservoir for the chainsaw's lubrication system, indicating to press the button 3-4 times for lubrication.

5. Attaching the Telescopic Pole (for Pole Pruner Mode)

To convert to a pole pruner, attach the mini chainsaw unit to the telescopic pole.

- Align the connection points of the chainsaw unit and the telescopic pole.
- Securely fasten them according to the locking mechanism.
- Extend the telescopic pole to the desired length. The pole can extend up to 15 feet (approx. 4.5 meters) for reaching high branches.
- Attach the shoulder straps for comfortable and stable operation when using the pole.

OPERATING INSTRUCTIONS

1. Basic Operation

- Insert a charged battery into the tool.
- To start the tool, press the safety lock switch and then squeeze the trigger. Release the safety lock switch once the tool is running.
- To stop the tool, release the trigger.

2. Using as a Mini Chainsaw

This mode is ideal for fine cuts and smaller branches, up to 8 inches in diameter.



2-IN-1

CORDLESS POLE SAW / MINI CHAINSAW

Image: Demonstrates the 2-in-1 functionality, showing a person using the pole saw to prune high branches and another person using the mini chainsaw for cutting logs on the ground. The image highlights the ultralightweight design (6.9 LB).

- Ensure a firm, two-handed grip on the handle.
- Position the chainsaw firmly against the branch or log before starting the cut.
- Allow the chain to reach full speed before engaging the material.

- Apply steady, even pressure. Do not force the saw through the cut.
- Be aware of kickback and maintain a stable stance.



Image: The chainsaw cutting through an 8-inch log, illustrating the power of the upgraded brushless motor (900W Max Power) and fast cutting speed (5 seconds for an 8-inch log, 25.6 ft/s chain speed).

3. Using as an Electric Pole Pruner

This mode allows you to safely prune high branches without the need for a ladder, reaching up to 16 feet (approx. 4.5 meters).



Image: A person using the pole pruner to trim high branches, demonstrating safe and easy pruning up to 16 feet. Insets show alternative, less safe methods (using a ladder or climbing).

- **Adjustable Cutting Angle:** The cutting head can be adjusted from 0 to 120 degrees to suit different cutting needs. Loosen the adjustment knob, set the desired angle, and tighten the knob securely.
- **Extend the Pole:** Extend the telescopic pole to the appropriate length for the branch you are cutting. Ensure all locking mechanisms are secure.
- **Maintain Balance:** Use the shoulder strap to distribute the weight and maintain balance.
- **Cutting Technique:** Position the saw blade firmly against the branch. Start the saw and allow the chain to reach full speed before beginning the cut. Use a steady, controlled motion.
- **Avoid Overreaching:** Do not overreach or cut branches that are too thick for the tool's capacity.



Image: Close-up of the chainsaw head, illustrating its 120-degree rotation capability for versatile cutting angles.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Avhrit 2-in-1 Chainsaw.

- **Chain Lubrication:** Regularly check the oil level in the lubrication system and refill as needed. Press the lubrication button 3-4 times during operation to ensure proper oil flow.
- **Chain Tension:** Check chain tension frequently, especially during extended use. Adjust using the tool-free tension knob if the chain becomes loose. A loose chain can derail or cause injury.
- **Cleaning:** After each use, remove the battery and clean the tool. Use a brush to remove sawdust, debris, and sap from the chain, guide bar, and motor housing. Do not use water directly on electrical components.
- **Guide Bar Maintenance:** Periodically flip the guide bar to ensure even wear. Clean the guide bar groove to prevent clogging.
- **Chain Sharpening/Replacement:** A dull chain will reduce cutting efficiency and increase strain on the motor. Sharpen the chain as needed or replace it if it is damaged or excessively worn.

- **Storage:** Store the tool in a dry, secure place, out of reach of children. Ensure the battery is removed before storage. Use the protective cover for the chain.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or not inserted correctly. Safety lock not engaged.	Ensure battery is fully charged and properly inserted. Press the safety lock button before squeezing the trigger.
Chain not cutting efficiently.	Dull chain. Incorrect chain tension. Insufficient lubrication.	Sharpen or replace the chain. Adjust chain tension. Ensure oil reservoir is full and lubrication system is working.
Chain derails frequently.	Loose chain tension. Worn guide bar or chain.	Adjust chain tension. Inspect guide bar and chain for wear and replace if necessary.
Motor stops during operation.	Overload protection activated. Battery low.	Reduce cutting pressure. Allow motor to cool. Recharge or replace battery.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact customer service.

SPECIFICATIONS

Model Number	APS80
Brand	Avhrit
Voltage	21 Volt
Wattage	900 Watt
Horsepower	2 Picowatt (Note: This value may be a unit conversion or typo, typically measured in HP for power tools)
Chain Length	8 Inches
Chain Speed	26.4 ft/s
Battery Type	Lithium-ion
Battery Capacity	4.0 Ah (8000 mAh)
Charging Time	1-2 Hours
Working Time	40-60 Minutes (per battery)
Max Working Height (Pole Pruner)	Up to 16 ft (approx. 4.5 m)
Adjustable Cutting Angle	0-120 Degrees
Weight	Approx. 8 lbs (3.6 kg) - as mini chainsaw, total weight with pole not specified but implied lightweight.

WARRANTY AND CUSTOMER SUPPORT

Avhrit is committed to providing high-quality products and excellent customer service. If you have any questions or concerns regarding your product, please do not hesitate to contact us.

Contact Steps:

- 1. Go to your "Account Service" on the platform where you purchased the product.
- 2. Navigate to "Order History".
- 3. Find your order for the Avhrit 2-in-1 Mini Chainsaw and Electric Pole Pruner.
- 4. Click on "Seller" or "Contact Seller".
- 5. Select "Question" to send us a message.

We aim to respond to your inquiries within 2 hours.

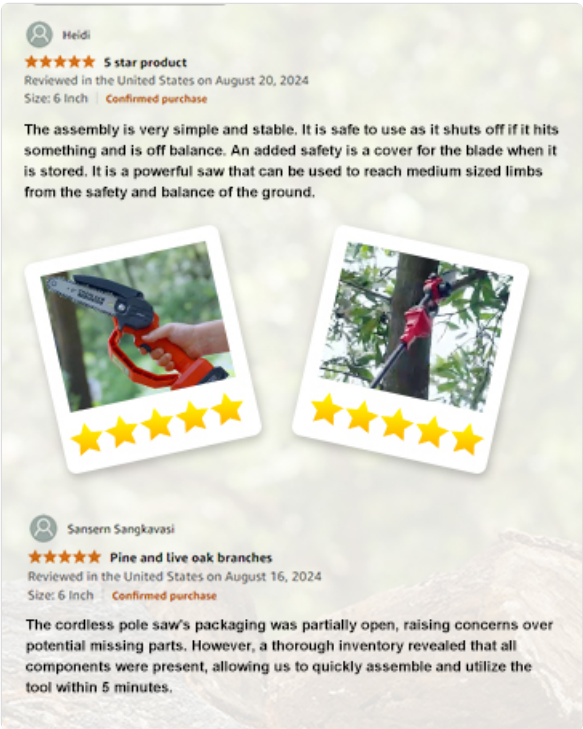


Image: A customer service representative wearing a headset, symbolizing responsive customer support.

ASK A QUESTION ABOUT THIS MANUAL

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

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