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WEMARS 20V Brushless Cordless Chainsaw 12-Inch

WEMARS 20V Brushless Cordless Chainsaw 12-Inch User Manual

Model: 20V Brushless Cordless Chainsaw 12-Inch | Brand: WEMARS

Introduction | Safety Information | Components | Setup | Operating Instructions | Maintenance | Troubleshooting | Specifications | Warranty & Support

1. Introduction

Thank you for choosing the WEMARS 20V Brushless Cordless Chainsaw 12-Inch. This lightweight, battery-powered electric chainsaw is designed for compact pruning, wood cutting, garden tree maintenance, and branch pruning. Featuring a powerful brushless motor and two 4.0AH lithium-ion batteries, it offers efficient and convenient operation for various outdoor tasks. This manual provides essential information for safe and effective use of your new chainsaw.



Image: The WEMARS 12-inch Brushless Cordless Chainsaw, highlighting its compact design and cordless nature.

2. Safety Information

Always prioritize safety when operating power tools. Read and understand all instructions before use. Failure to follow these safety guidelines may result in serious injury.

General Safety Precautions:

- **Read the Manual:** Familiarize yourself with all controls and proper operating procedures.
- **Personal Protective Equipment (PPE):** Always wear safety glasses or goggles, hearing protection, gloves, and sturdy footwear. Consider a hard hat and leg protection for extensive work.
- **Work Area:** Ensure the work area is clear of bystanders, children, and pets. Maintain good footing and balance.
- **Secure Workpiece:** Always ensure the material you are cutting is stable and cannot shift during operation.
- **Proper Grip:** Hold the chainsaw firmly with both hands, keeping your thumbs and fingers wrapped around the handles.
- **Avoid Kickback:** Be aware of the chain's rotation and potential kickback. Avoid cutting with the tip of the guide bar.
- **Battery Safety:**
  - Use only the specified charger and batteries.
  - Do not expose batteries to water, heat, or direct sunlight.
  - Store batteries in a cool, dry place.
  - Charge batteries in a well-ventilated area.
  - For longer service life, charge batteries once per month when not in use.
- **Unplug Before Maintenance:** Always remove the battery pack before performing any assembly, adjustments, or maintenance.



Image: A user demonstrating safe operation of the chainsaw, wearing appropriate personal protective equipment.

3. Components Overview

Familiarize yourself with the main components of your WEMARS chainsaw:



Image: A detailed diagram illustrating the various parts of the WEMARS chainsaw for easy identification.

1. Battery (20V MAX 4.0Ah Lithium)
2. Right Handle
3. Trigger Lock
4. Prime Bulb (for oiling, if applicable)
5. Front Handle
6. Front Handle Baffle (Hand Guard)
7. 12" Bar
8. Switch Trigger
9. Sprocket Cover
10. Tensioner Knob
11. Hexagon Socket Cap Screws M8x30
12. 12" Chain

4. Setup

4.1. Charging the Battery

- Connect the charger to a power outlet.
- Insert the 20V 4.0AH Lithium-ion battery into the charger.
- Allow the battery to fully charge before first use. Refer to the charger's indicator lights for charging status.

4.2. Installing the Battery

- Ensure the chainsaw is turned off and the trigger lock is engaged.
- Align the battery pack with the battery slot at the base of the chainsaw handle.
- Slide the battery into place until it clicks securely.

4.3. Installing and Tensioning the Chain

The WEMARS chainsaw features an auto-tensioning chain system, eliminating the need for additional tools for chain adjustments.

- **Safety First:** Always ensure the battery is removed before handling the chain or guide bar.
- Remove the sprocket cover by loosening the hexagon socket cap screws.
- Carefully place the chain around the guide bar, ensuring the cutting edges are facing the correct direction.
- Fit the chain onto the drive sprocket.
- Reattach the sprocket cover and tighten the screws. The auto-tensioning system will adjust the chain to the correct tension.
- Verify chain tension: The chain should be snug against the guide bar but still allow for manual movement.



Image: The WEMARS 12-inch chainsaw highlighting its auto-tensioning chain system, which requires no tools for adjustment.

5. Operating Instructions

5.1. Starting the Chainsaw

- Ensure the battery is fully charged and securely installed.
- Hold the chainsaw firmly with both hands.
- Press and hold the Trigger Lock (3) with your thumb.
- Squeeze the Switch Trigger (8) to start the chain. Release the Switch Trigger to stop the chain.

5.2. Cutting Techniques

The WEMARS 12-inch chainsaw is ideal for light to medium-duty cutting tasks.

- **Pruning Branches:** Support the branch to prevent it from pinching the chain. Make relief cuts if necessary.
- **Small Logs/Wood Cutting:** Place the log on a stable surface. Avoid cutting into the ground.
- **Brushless Motor Advantage:** The efficient brushless motor provides consistent power, reduced vibration, and extended tool life, making cutting tasks smoother and more comfortable.



Image: The WEMARS chainsaw in action, demonstrating its effectiveness in cutting a tree branch.

6. Maintenance

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

- **Cleaning:** After each use, remove the battery and clean the guide bar, chain, and motor housing with a brush or compressed air. Remove any sawdust or debris.
- **Chain Sharpening:** A sharp chain is crucial for efficient and safe cutting. Sharpen the chain regularly or replace it when dull.
- **Chain Lubrication:** Ensure the chain is adequately lubricated. Check the oil level (if applicable, using the prime bulb) and refill as needed.
- **Battery Care:** Store batteries in a cool, dry place. If storing for extended periods, charge them once a month to maintain their health.



Image: A close-up view of a sharp chainsaw chain, emphasizing the importance of maintaining sharp cutting edges for optimal performance.



Image: A WEMARS 20V MAX Lithium-ion battery, illustrating the power source for the chainsaw.

7. Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Chainsaw does not start.	Battery not charged or improperly installed. Trigger lock not engaged.	Ensure battery is fully charged and correctly inserted. Press the trigger lock before squeezing the switch trigger.
Chain is not moving.	Chain tension too loose or too tight. Obstruction in the chain path.	Remove battery, check and adjust chain tension. Clear any debris from the guide bar and chain.
Chainsaw leaks chain fluid.	Possible seal issue or improper storage.	Ensure the oil reservoir cap is tight. Store the chainsaw in an upright position. If leaking persists, contact customer support.
Reduced cutting performance.	Dull chain. Incorrect chain tension.	Sharpen or replace the chain. Adjust chain tension as needed.

8. Specifications

Feature	Detail
Brand	WEMARS
Model	20V Brushless Cordless Chainsaw 12-Inch
Power Source	20V 4.0AH Lithium-ion Battery (2 included)
Bar Length	12 inches
Motor Type	Brushless
Product Dimensions (L x W x H)	16.14" x 9.25" x 7.87"
GTIN / UPC	810147641451

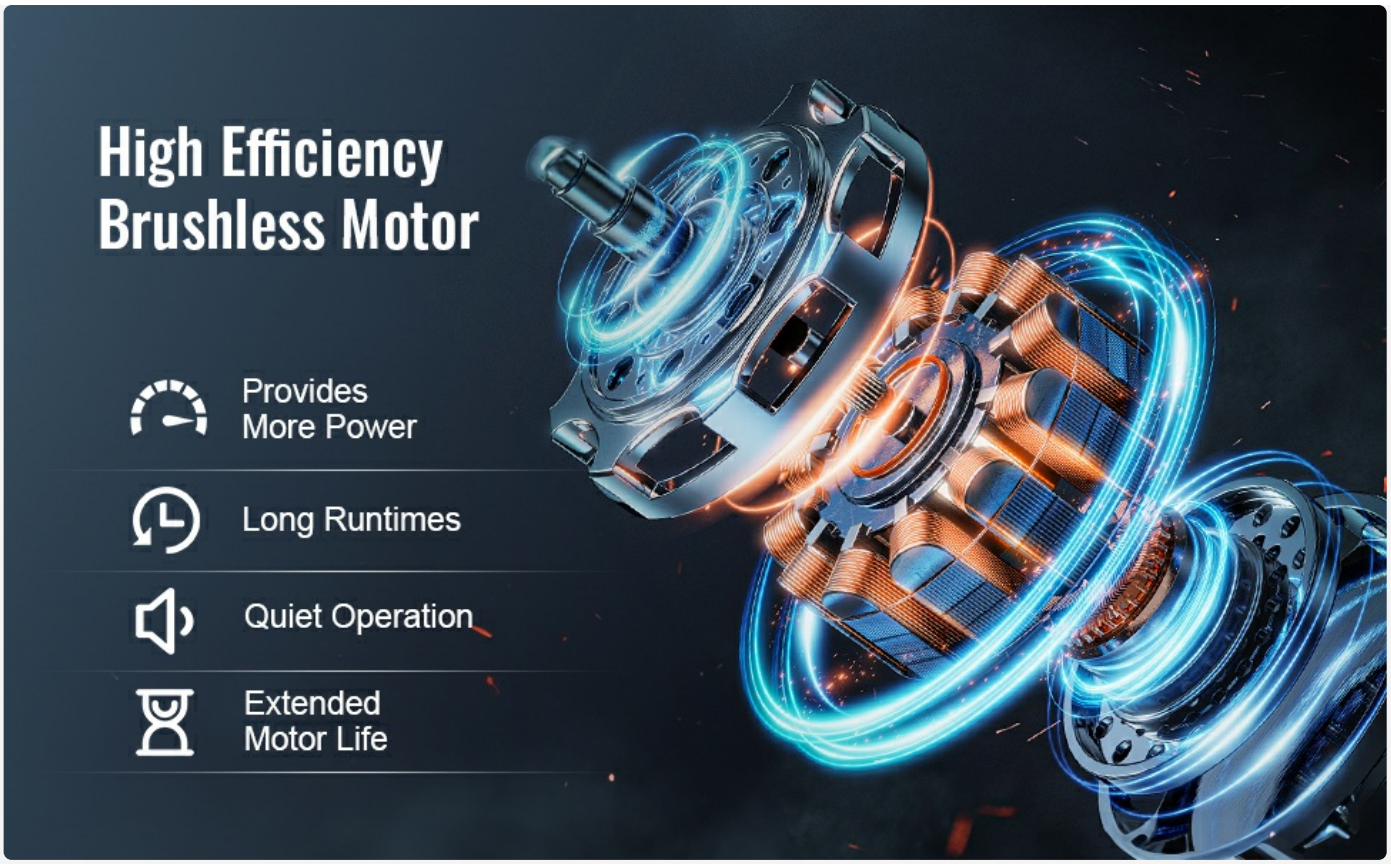


Image: An illustration of the high-efficiency brushless motor, emphasizing its benefits like more power, longer runtimes, and quiet operation.

9. Warranty & Support

Warranty Information:

The WEMARS 20V Brushless Cordless Chainsaw 12-Inch comes with a **1-Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact WEMARS customer support. Refer to the product packaging or the official WEMARS website for the most current contact information.
Note: Always provide your product model and GTIN/UPC (810147641451) when contacting support for faster service.

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