

GOXAWEE G4117

GOXAWEE 20V 4 Inch Cordless Mini Chainsaw Instruction Manual

Model: G4117

1. IMPORTANT SAFETY INSTRUCTIONS

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.

- **Personal Safety:** Always wear appropriate personal protective equipment (PPE) including safety glasses, gloves, and hearing protection when operating the chainsaw.
- **Work Area Safety:** Keep the 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.
- **Tool Operation Safety:** Ensure the safety switch is engaged to prevent accidental starts. Always hold the chainsaw firmly with one hand during operation. Keep hands and body clear of the chain.
- **Battery Safety:** Use only the specified charger and battery pack. Do not short-circuit the battery or expose it to high temperatures.
- **Kickback Prevention:** Be aware of kickback. Kickback may occur when the nose or tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut.

2. PRODUCT OVERVIEW

The GOXAWEE 20V 4 Inch Cordless Mini Chainsaw is a compact and powerful tool designed for efficient wood cutting, farming, garden, and courtyard tree trimming. Its lightweight design allows for comfortable one-handed operation.

2.1 Components Included

- 1 x GOXAWEE Cordless Mini Chainsaw (550W)
- 1 x 20V High Capacity Battery
- 1 x Charger
- 2 x Chains
- 1 x File
- 1 x Nut Driver
- 1 x Screwdriver (slotted + cross)
- 1 x User Manual (this document)

2.2 Key Features

- **Powerful Motor:** Equipped with a pure copper motor and 20V high-power battery for efficient cutting.
- **One-Handed Operation:** Lightweight (0.7KG) and ergonomic design for easy handling.
- **Durable Construction:** Features a low kickback bar and high hardness quenched chain for wear resistance and smooth cutting.
- **Safety Mechanisms:** Includes a bar nose sprocket for stable chain operation, a sprocket cover for emergency braking, and a safety switch to prevent accidental starts.
- **Efficient Heat Dissipation:** Ensures the motor runs efficiently and prolongs tool life.



3. SETUP

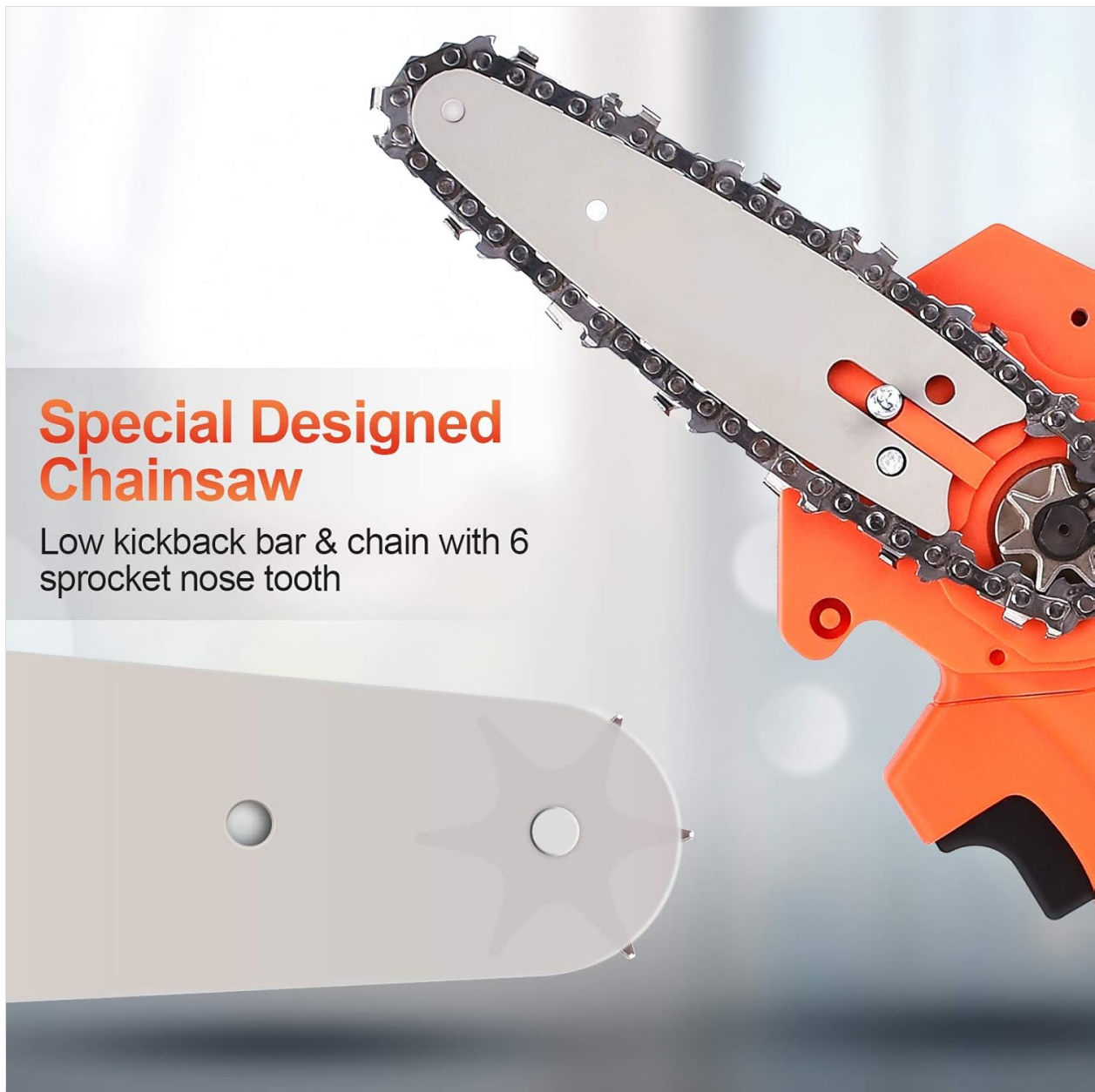
3.1 Battery Installation and Charging

1. Ensure the chainsaw is turned off and the safety switch is engaged.
2. Align the battery pack with the battery port on the chainsaw handle.
3. Slide the battery into place until it clicks securely.
4. To charge the battery, remove it from the chainsaw. Connect the charger to a power outlet and then connect the battery to the charger. Refer to the charger's indicator lights for charging status.

3.2 Chain Tension Adjustment

Proper chain tension is crucial for safe and efficient operation. The chain should be snug against the guide bar but still able to be pulled around by hand.

1. Ensure the chainsaw is off and the battery is removed.
2. Loosen the nuts securing the guide bar cover using the provided nut driver.
3. Adjust the chain tensioning screw (usually located on the side of the guide bar) until the chain is properly tensioned.
4. Tighten the guide bar cover nuts securely.



Special Designed Chainsaw

Low kickback bar & chain with 6 sprocket nose tooth

Figure 2: Detail of the chainsaw chain and guide bar.

4. OPERATING INSTRUCTIONS

Before operating, ensure you have read and understood all safety instructions and that the chainsaw is properly assembled and tensioned.

4.1 Starting the Chainsaw

1. Hold the chainsaw firmly with one hand on the handle.
2. Press and hold the safety lock button (usually located near the trigger).
3. Squeeze the trigger to start the chainsaw. Release the safety lock button once the chain starts moving.

4.2 Cutting Procedure

- Always maintain a firm grip on the chainsaw.
- Position the chainsaw so that the chain makes contact with the material to be cut.
- Apply gentle, steady pressure. Allow the chainsaw to do the work; do not force it.

- Be mindful of the cutting direction and potential kickback.
- For branches, cut from the top down to prevent pinching. For larger logs, make a relief cut first.



Figure 3: Demonstrating one-handed operation for light cutting tasks.



Figure 4: High-efficiency cutting in action.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your GOXAWEE mini chainsaw.

5.1 Cleaning

- Always remove the battery before cleaning.
- Use a brush or compressed air to remove sawdust, chips, and debris from the guide bar, chain, and motor vents.
- Wipe the exterior of the chainsaw with a damp cloth. Do not use harsh chemicals or abrasive cleaners.

5.2 Chain Care

- **Sharpening:** A dull chain requires more force and can lead to kickback. Use the provided file to sharpen the chain teeth regularly. Follow the manufacturer's guidelines for sharpening angles.
- **Replacement:** Replace the chain when it becomes excessively worn, damaged, or can no longer be

sharpened effectively. Refer to the included spare chain for replacement.

- **Lubrication:** This chainsaw model does not require external lubrication for the chain.

6. TROUBLESHOOTING

If you encounter issues with your chainsaw, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Chainsaw does not start	Battery not charged or improperly installed; Safety switch not engaged; Faulty battery or charger.	Ensure battery is fully charged and correctly inserted. Press the safety lock button before squeezing the trigger. Test with a different battery if available.
Chain not cutting efficiently	Dull chain; Incorrect chain tension; Chain installed backward.	Sharpen the chain or replace it. Adjust chain tension. Ensure the chain is installed with the cutting edges facing the correct direction.
Chainsaw stops during operation	Battery low; Overload protection activated.	Recharge the battery. Reduce cutting pressure and allow the motor to cool if it overheats.
Excessive vibration	Loose chain; Damaged chain or guide bar.	Adjust chain tension. Inspect chain and guide bar for damage and replace if necessary.

If the problem persists after attempting these solutions, please contact GOXAWEE customer support.

7. SPECIFICATIONS

Specification	Value
Brand	GOXAWEE
Model Number	G4117
Power Source	Battery Powered
Horsepower	550 Watts
Item Weight	0.9 Kilograms
Included Components	Chainsaw, 20V Battery, Charger, 2 Chains, File, Nut Driver, Screwdriver, User Manual

8. WARRANTY AND SUPPORT

For warranty information, product support, or to purchase replacement parts, please contact GOXAWEE customer service through their official website or the retailer where the product was purchased. Please have your model number (G4117) and purchase date available when contacting support.

