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MZK SG2008

MZK Cordless Mini Chainsaw SG2008 User Manual

Model: SG2008

1. INTRODUCTION

Thank you for choosing the MZK Cordless Mini Chainsaw SG2008. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your tool. Please read this manual thoroughly before initial use and retain it for future reference. This tool is designed for trimming branches and light cutting tasks, offering versatility as both a mini chainsaw and a pole saw when used with the extension pole.

2. IMPORTANT SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, hearing protection, and sturdy footwear.
- Keep hands, hair, and loose clothing away from the chain when the tool is operating.
- Ensure the work area is clear of bystanders, children, and pets.
- Do not operate the chainsaw in wet conditions or in the presence of flammable liquids or gases.
- Always ensure the safety switch is engaged before starting and disengaged when not in use or during maintenance.
- Use only compatible 20V lithium-ion batteries and chargers (not included with this unit). Refer to the battery and charger manufacturer's instructions for safe use.
- Inspect the chainsaw for damage or loose parts before each use. Do not operate if damaged.
- Maintain a firm grip with both hands on the chainsaw handles during operation.
- Avoid kickback by understanding proper cutting techniques and avoiding the guide bar tip.

3. PACKAGE CONTENTS

Please check the package contents upon receipt to ensure all items are present and undamaged. This product is sold without a battery and charger.

- MZK Cordless Mini Chainsaw Unit (SG2008)
- Extension Pole
- User Manual

Note: Battery and charger are sold separately and are not included with this package.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your MZK Cordless Mini Chainsaw.





This image displays the main unit of the MZK Cordless Mini Chainsaw. It features a black body with red accents on the handle and safety switch. The cutting chain is visible around the guide bar, ready for operation. The base of the unit, where a battery would attach, is also shown.

1. **Guide Bar:** Supports the cutting chain.
2. **Cutting Chain:** The primary cutting component.
3. **Chain Guard:** Provides protection over the chain.
4. **Safety Switch:** Prevents accidental starting.
5. **Trigger:** Activates the motor.
6. **Front Handle:** For stable two-hand operation.
7. **Rear Handle (Main Grip):** Contains the trigger and safety switch.
8. **Battery Port:** Where the compatible battery connects.
9. **Extension Pole Attachment Point:** For converting to a pole saw.

5. SETUP

5.1. Chain and Guide Bar Installation

1. Ensure the chainsaw is powered off and the battery is removed.
2. Remove the chain guard.
3. Place the chain around the guide bar, ensuring the cutting edges are facing the correct direction.
4. Align the guide bar and chain with the drive sprocket on the chainsaw unit.
5. Secure the guide bar and chain in place, then reattach the chain guard.
6. Adjust chain tension (refer to Section 6.2).

5.2. Extension Pole Assembly (for Pole Saw Use)

1. Ensure the mini chainsaw unit is powered off and the battery is removed.
2. Align the attachment point on the mini chainsaw unit with the corresponding end of the extension pole.
3. Securely fasten the unit to the pole using the provided locking mechanism or screws, ensuring a tight connection.
4. Verify that the unit is firmly attached and does not wobble.

5.3. Battery Installation

1. Ensure the chainsaw is off.
2. Align a fully charged, compatible 20V lithium-ion battery with the battery port on the chainsaw unit.
3. Slide the battery into the port until it clicks securely into place.
4. To remove the battery, press the release button and slide the battery out.

6. OPERATING INSTRUCTIONS

6.1. Pre-Operation Check

- Confirm the chain is properly installed and tensioned.
- Check that all fasteners are tight.
- Ensure the battery is fully charged and securely installed.
- Verify that the work area is clear and you are wearing all necessary PPE.

6.2. Starting and Stopping the Chainsaw

1. **To Start:** Hold the chainsaw firmly with both hands. Press and hold the safety switch, then squeeze the trigger. The chain will begin to move.
2. **To Stop:** Release the trigger. The chain will stop moving. Always release the safety switch after stopping.

6.3. Cutting Techniques

- Always maintain a balanced stance and firm grip.
- Allow the chainsaw to reach full speed before making contact with the material.
- Apply light, consistent pressure. Do not force the saw through the cut.
- When cutting branches, make relief cuts to prevent pinching the guide bar.
- Be aware of falling branches when using the extension pole.

7. MAINTENANCE

7.1. Chain Tension Adjustment

Proper chain tension is crucial for safe and efficient operation. A chain that is too loose can derail, and a chain that is too tight can cause excessive wear and damage.

1. Ensure the chainsaw is off and the battery is removed.
2. Loosen the guide bar retaining nuts slightly.
3. Adjust the chain tensioning screw until the chain fits snugly against the guide bar, but can still be pulled freely by hand. There should be no slack on the underside of the guide bar.
4. Retighten the guide bar retaining nuts.

7.2. Chain Sharpening

A sharp chain is essential for efficient cutting. Dull chains can cause the saw to bind, overheat, and increase the risk of kickback. Refer to a specialized guide or professional service for proper chain sharpening techniques.

7.3. Cleaning and Storage

- After each use, remove the battery and clean the chainsaw thoroughly.

- Use a brush or compressed air to remove sawdust, debris, and sap from the guide bar, chain, and motor housing.
- Store the chainsaw in a dry, secure location, out of reach of children.
- Always attach the chain guard before storing.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Chainsaw does not start	Battery not charged or improperly installed; Safety switch not engaged; Faulty trigger.	Ensure battery is charged and correctly inserted. Press safety switch before squeezing trigger. If problem persists, contact support.
Chain does not move	Chain too tight; Obstruction in guide bar; Damaged chain or sprocket.	Adjust chain tension. Remove any obstructions. Inspect chain and sprocket for damage.
Poor cutting performance	Dull chain; Incorrect chain tension; Improper cutting technique.	Sharpen or replace chain. Adjust chain tension. Review cutting techniques.
Excessive vibration	Loose components; Damaged chain or guide bar.	Check all fasteners for tightness. Inspect chain and guide bar for damage and replace if necessary.

9. SPECIFICATIONS

- **Model:** SG2008
- **Brand:** MZK
- **Power Source:** Battery Powered (20V Lithium Ion, battery not included)
- **Horsepower:** 1.5 HP
- **Item Weight:** Approximately 3.49 pounds (main unit)
- **Product Dimensions:** 4.72"L x 3.15"W x 84"H (with extension pole)
- **Chain Length:** 4.5 Inches

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.

For further assistance, please visit the MZK Store on Amazon or contact their customer service department.

Manufacturer: MZK

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