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Saker SK1806DBT02-U

Saker Mini Chainsaw 6-Inch User Manual

Model: SK1806DBT02-U | Brand: Saker

1. INTRODUCTION

Thank you for choosing the Saker 6-Inch Portable Electric Cordless Mini Chainsaw. This compact and powerful tool is designed for efficient cutting of tree branches, woodworking, and general garden maintenance. Its lightweight design and cordless operation provide convenience and ease of use for various tasks. Please read this manual thoroughly before operation to ensure safe and effective use of your new chainsaw.



Figure 1: Saker Mini Chainsaw and included accessories.

2. SAFETY INFORMATION

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

General Safety Guidelines:

- **Read the Manual:** Understand all instructions and warnings before use.
- **Personal Protective Equipment (PPE):** Always wear safety goggles, gloves, and appropriate clothing. Consider hearing protection.
- **Work Area:** Keep the work area clean, well-lit, and free of obstructions. Ensure bystanders, especially children and pets, are at a safe distance.
- **Secure Workpiece:** Ensure the branch or wood you are cutting is stable and will not shift during operation.
- **Proper Grip:** Always hold the chainsaw firmly with both hands, maintaining a balanced stance.
- **Avoid Overreaching:** Do not overreach or cut above shoulder height.

- **Battery Safety:** Use only the specified battery and charger. Do not expose batteries to extreme temperatures or moisture.
- **Overheating:** To extend motor lifespan, allow the machine to cool down completely if it becomes hot during prolonged use.



Figure 2: Always wear appropriate safety gear, including goggles and gloves, when operating the chainsaw.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Saker 6-Inch Mini Chainsaw Unit
- 2 x 20V 1500mAh Rechargeable Lithium Batteries
- Battery Charger
- 2 x Replacement Saw Chains
- Guide Bar (pre-installed)

- Safety Goggles
- Work Gloves
- Screwdriver
- Wrench/Tightener Tool
- Small Bottle of Lubricating Oil
- Storage Case

4. SETUP AND ASSEMBLY

The Saker Mini Chainsaw is designed for quick and easy assembly. Follow these steps before first use:

1. **Charge Batteries:** Fully charge both 20V lithium batteries using the provided charger before initial use. The charger indicator will show when charging is complete.
2. **Install Guide Plate and Chain:** If not already installed, carefully place the guide plate onto the chainsaw body. Then, position the saw chain around the guide plate, ensuring the cutting direction of the chain teeth is correct (refer to the arrow on the guide bar).
3. **Mount on Chainsaw:** Secure the guide plate and chain assembly onto the chainsaw.
4. **Install Side Cover:** Place the side cover over the guide plate and chain.
5. **Insert Screws:** Insert the retaining screws but do not fully tighten them yet.
6. **Adjust Chain Tightness:** Use the provided wrench/tightener tool to adjust the chain tension. The chain should be snug but still able to be pulled freely around the guide bar by hand. Do not overtighten. Once adjusted, fully tighten the retaining screws.
7. **Lubricate Chain:** Apply a small amount of the provided lubricating oil to the chain before each use to ensure smooth operation and prolong chain life.
8. **Install Battery:** Slide a charged battery into the battery slot at the base of the chainsaw handle until it clicks securely into place.

HOW TO INSTALL THE CHAIN ACCURATELY



01 Install the Guide Plate and the Chain,Pay Attention to the Installation Direction of the Chain.



02 Mounted on the chainsaw.



03 Install the side cover of the chain.



04 Put in the screws,don't tighten.



05 Adjust the tightness of the chain.



06 Install the battery.

Figure 3: Detailed steps for accurate chain installation.

5. OPERATING INSTRUCTIONS

Before operating, ensure you have read and understood the safety information and completed the setup steps.

Starting and Stopping:

- To start the chainsaw, press the safety lock button (usually located near the trigger) and then squeeze the trigger.
- Release the trigger to stop the chainsaw.

Cutting Techniques:

- **Branch Cutting:** Position the chainsaw firmly against the branch. Apply steady, even pressure. Allow the saw to do the work; do not force it.
- **Woodworking:** For general woodworking, ensure the material is stable. The 6-inch cutting surface allows for cutting thicker materials than smaller models.

- **Anti-Splash Baffle:** The integrated anti-splash baffle helps protect the user from debris during operation.

Cutting Branches



MULTIPLE USE SCENARIOS

Widely used in gardens, farms, parks, forests, pastures, orchards, indoors, for all cutting needs.



Home Woodworking



Cutting Bamboo



Cutting wood

Figure 4: The Saker Mini Chainsaw is versatile for various cutting tasks.

SAKER MINI CHAINSAW

HAVE A BETTER FEELING OF USING



Figure 5: Key features for enhanced user experience and safety.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Saker Mini Chainsaw.

Chain Care:

- Lubrication:** Apply lubricating oil to the chain before and during prolonged use to reduce friction and wear.
- Sharpening/Replacement:** If the chain becomes dull or damaged, sharpen it or replace it with one of the provided spare chains. Refer to the 'Setup and Assembly' section for chain installation.
- Tension Check:** Regularly check chain tension. A loose chain can derail, while an overtightened chain can cause excessive wear on the motor and guide bar.

Battery Care:

- Charging:** Always use the original charger. Do not overcharge.

- **Storage:** If not used for a long time, fully charge the battery before storing it in a cool, dry place.
- **Over-Temperature Protection:** The battery features over-temperature protection. If the battery or motor gets hot, allow it to cool down before continuing use or charging.

NEW BATTERY TECHNOLOGY

- **Fast Charge**
- **Fully Charged In Two Hours**



Over voltage protection



Over temperature protection



Over load protection



Over charge protection



Over discharge protection

Figure 6: Advanced battery technology ensures safety and longevity.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Chainsaw does not start	Battery not charged or improperly installed; Safety lock not engaged; Motor overheating.	Ensure battery is fully charged and correctly inserted. Press safety lock before trigger. Allow motor to cool down.

Problem	Possible Cause	Solution
Chain not cutting efficiently	Dull chain; Incorrect chain tension; Insufficient lubrication.	Sharpen or replace chain. Adjust chain tension. Apply lubricating oil.
Chainsaw stops during operation	Battery low; Motor overheating; Overload protection activated.	Recharge battery. Allow motor to cool. Reduce cutting pressure.

For issues not listed here or if problems persist, please contact Saker customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Saker
Model Number	SK1806DBT02-U
Power Source	Battery Powered
Voltage	20 Volts
Wattage	550 watts
Item Weight	1.5 Pounds
Product Dimensions	6.69" L x 5.51" W x 15.75" H
Chain Length	6 Inches
Chain Speed	8m/s
Motor Type	Pure Copper Motor
Battery Type	Lithium Ion



-  High efficiency speed
-  Overheat protection
-  High cycle and long life
-  Heat-resistant

HIGH POWER PURE COPPER MOTOR

Make work more effective and stable

Figure 7: The powerful pure copper motor ensures high efficiency and long life.

6INCH

Longer cutter head
Easier cutting



Chains with a deep quenching process sharp and cutting



Figure 8: The 6-inch guide plate offers a larger cutting surface.

9. WARRANTY AND SUPPORT

Saker is confident in the quality of this product. In the process of daily use, if the mini cordless chainsaw has quality problems or you have any questions about the power chain saws, please contact us at any time. We are always here to assist you. Please refer to your purchase documentation for specific warranty terms and contact information.