BAKAJI Electric Chainsaw with 40cm Blade

BAKAJI 2400W Electric Chainsaw Instruction Manual

Model: Electric Chainsaw with 40cm Blade | Brand: BAKAJI

1. Introduction

Thank you for choosing the BAKAJI 2400W Electric Chainsaw. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and keep it for future reference. Proper use and maintenance will ensure long-lasting performance and safety.

Safety First: Always wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, gloves, and sturdy footwear when operating the chainsaw.

2. Product Overview

The BAKAJI Electric Chainsaw is a powerful and versatile tool designed for cutting wood and branches. It features a robust 2400W motor and a 40cm OREGON chain, delivering a cutting speed of 15m/s for efficient work. The tool is equipped with an automatic chain lubrication system and multiple safety features for user protection.



Figure 2.1: Overview of the BAKAJI 2400W Electric Chainsaw.

3. Setup

3.1 Unpacking

Carefully remove all components from the packaging. Verify that all parts listed in the packing list are present and undamaged. If any parts are missing or damaged, do not assemble or operate the chainsaw. Contact customer support immediately.

3.2 Assembly

The chainsaw requires minimal assembly. Follow these steps:

1. **Attach the Guide Bar:** Align the guide bar with the mounting studs on the chainsaw body.
2. **Install the Saw Chain:** Carefully place the chain around the sprocket and guide bar, ensuring the cutting edges are facing the correct direction.
3. **Secure the Side Cover:** Place the side cover over the guide bar and chain, then tighten the retaining nuts or knob.
4. **Adjust Chain Tension:** Use the chain tensioning mechanism (usually a screw or knob) to adjust the chain tension. The chain should be snug against the guide bar but still able to be pulled freely by hand. Refer to the specific tensioning instructions in your product's detailed manual.



Figure 3.1: Chainsaw with key specifications highlighted, illustrating components for assembly.

3.3 Initial Checks

- **Fill Oil Tank:** The chainsaw is equipped with a 150 ml oil tank for automatic chain lubrication. Fill the tank with appropriate chainsaw bar and chain oil (not included). Monitor the oil level through the oil level window during operation.
- **Power Connection:** Ensure the chainsaw is connected to a compatible 220/240V - 50Hz power outlet.

4. Operating the Chainsaw

4.1 Starting the Chainsaw

Before starting, ensure the mechanical brake is disengaged. The chainsaw features a double safety switch. To start, press and hold the safety switch, then depress the main trigger switch. Release the safety switch once the motor starts.



Figure 4.1: Detail of the manual brake and safety switch mechanism.

4.2 Cutting Techniques

Always maintain a firm grip with both hands on the chainsaw handles. Position yourself securely and ensure the cutting area is clear of obstructions and bystanders. Allow the chain to reach full speed before engaging the wood. Make smooth, controlled cuts. Avoid forcing the saw, let the chain do the work.



Figure 4.2: Proper technique for cutting wood with the electric chainsaw.

4.3 Safety Features

- **Double Safety Switch:** Prevents accidental starting.
- **Manual Brake Push Plate:** Engages the chain brake for immediate stopping in case of kickback or emergency.
- **Ergonomic Rubberized Handle:** Provides a secure, comfortable, and anti-slip grip, reducing vibration and user fatigue.

5. Maintenance

Regular maintenance is crucial for the longevity and safe operation of your chainsaw.

5.1 Chain Lubrication

The chainsaw features an automatic oil pumping system. Regularly check the oil level through the transparent

window and refill the 150 ml tank with appropriate bar and chain oil as needed. Never operate the chainsaw with an empty oil tank, as this will cause rapid wear to the chain and guide bar.

5.2 Chain Tension and Replacement

Check chain tension before each use. A properly tensioned chain should be snug but still allow you to pull it freely around the guide bar. Over-tensioning can cause premature wear, while under-tensioning can lead to the chain derailing. The chain can be adjusted and replaced quickly when necessary.

5.3 Cleaning and Storage

After each use, disconnect the power and clean the chainsaw thoroughly. Remove sawdust, debris, and oil residue from the guide bar, chain, and motor housing. Store the chainsaw in a dry, secure place, out of reach of children and away from direct sunlight or extreme temperatures.

6. Troubleshooting

This section addresses common issues you might encounter with your chainsaw.

Problem	Possible Cause	Solution
Chainsaw does not start	Mechanical brake engaged; Power cord not connected; Double safety switch not pressed correctly.	Disengage mechanical brake; Check power connection; Ensure double safety switch is pressed before trigger.
Chain not lubricating	Oil tank empty; Oil port clogged; Wrong type of oil.	Refill oil tank; Clean oil port; Use recommended bar and chain oil.
Chain derails frequently	Chain tension too loose; Worn chain or guide bar.	Adjust chain tension; Inspect and replace worn chain or guide bar.
Reduced cutting performance	Dull chain; Incorrect chain tension.	Sharpen or replace chain; Adjust chain tension.

7. Specifications

Feature	Specification
Brand	BAKAJI
Power	2400 Watt
Blade Length	40 cm
Chain Speed	15 m/s
Maximum Cutting Diameter	35 cm
Power Supply	220/240V - 50Hz

Feature	Specification
Oil Tank Capacity	150 ml
Item Weight	4 kg
Product Dimensions	84L x 20W x 26H cm

8. Warranty and Support

This product is manufactured by BAKAJI. Spare parts availability in the EU is guaranteed for 2 years from the date of purchase. For warranty claims, technical support, or any questions regarding your BAKAJI Electric Chainsaw, please contact the retailer or BAKAJI customer service directly. Keep your proof of purchase for warranty validation.
For more information about BAKAJI products, you can visit the official BAKAJI store:BAKAJI Store

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