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BEEDECK 12 INCH CHAINSAW -Y1

BEEDECK 12-inch Cordless Electric Chainsaw User Manual

Model: 12 INCH CHAINSAW -Y1

1. Important Safety Information

Always read and understand all safety warnings and instructions before operating this electric chainsaw. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, gloves, and sturdy footwear when operating the chainsaw. A hard hat and leg protection are also recommended.
- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate the chainsaw in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Keep children and bystanders away while operating the chainsaw.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Chainsaw Specific Safety:**
  - Always hold the chainsaw with both hands when the motor is running.
  - Ensure the chain is properly tensioned and lubricated before each use.
  - 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.
  - Do not operate the chainsaw with one hand.
  - Never cut above shoulder height.
  - Do not operate the chainsaw when you are tired, ill, or under the influence of drugs or alcohol.
- **Battery Safety:** Use only the specified battery pack and charger. Do not short-circuit the battery terminals. Do not expose batteries to extreme heat or fire.

2. Product Overview

The BEEDECK 12-inch Cordless Electric Chainsaw is designed for efficient cutting of branches and small logs. Its compact and lightweight design ensures ease of use and maneuverability.

2.1 Package Contents

Your package should contain the following items:

- 1 x 12 Inch Chainsaw Unit
- 1 x 20V MAX* 4.0Ah Lithium-Ion Battery

- 1 x Wall Charger
- 1 x Saw Chain
- 1 x Pair of Gloves
- 1 x Pair of Safety Glasses
- 1 x Screwdriver (for assembly/adjustments)
- 1 x User Manual (this document)



Figure 2.1: Included Components

2.2 Chainsaw Components

Familiarize yourself with the parts of your chainsaw before operation.



Figure 2.2: Chainsaw Parts Diagram

1. **Battery:** 20V MAX* 4.0Ah Lithium-Ion battery.
2. **Right Handle:** Main grip for operation.
3. **Trigger Lock:** Safety mechanism to prevent accidental starting.
4. **Prime Bulb (Oil Reservoir Cap):** For filling the automatic oiler system.
5. **Front Handle:** For two-handed operation and control.
6. **Front Handle Baffle:** Provides protection.
7. **12" Chain:** Cutting chain.
8. **Switch Trigger:** Activates the chainsaw.
9. **Sprocket Cover:** Protects the sprocket and chain assembly.
10. **Tensioner Knob:** For tool-less chain tension adjustment.
11. **Hexagon Socket Cap Screws M8x30:** Secure the sprocket cover.
12. **12" Bar:** Guide bar for the chain.

3. Setup and Assembly

Before first use, ensure the battery is fully charged and the chainsaw is properly assembled.

3.1 Charging the Battery

The 20V MAX* 4.0Ah Lithium-Ion battery provides long working time and features multiple protections.

- Connect the wall charger to a standard electrical outlet.
- Insert the battery into the charger. Ensure it clicks into place.
- The charger indicator light will show the charging status. Refer to the charger's specific instructions for light indications.
- A full charge typically takes several hours. Do not overcharge the battery.
- The battery includes Over Temperature, Over Voltage, and Over-charged Protection.



Figure 3.1: Battery Features and Charging

3.2 Assembling the Chainsaw

Follow these steps to attach the guide bar and chain:

1. Ensure the battery is removed from the chainsaw before assembly.
2. Remove the sprocket cover by loosening the hexagon socket cap screws (11) with the provided screwdriver.

3. Carefully place the chain (7) around the guide bar (12), ensuring the cutting edges are facing the correct direction (refer to chain markings).
4. Fit the chain and guide bar onto the chainsaw body, ensuring the chain engages with the drive sprocket. The tensioner pin on the chainsaw body must fit into the hole on the guide bar.
5. Replace the sprocket cover and hand-tighten the screws.
6. **Adjust Chain Tension:** Use the tensioner knob (10) to adjust the chain tension. The chain should be snug against the guide bar but still able to be pulled freely by hand. There should be no slack on the underside of the guide bar.
7. Fully tighten the hexagon socket cap screws (11) to secure the sprocket cover and guide bar.

3.3 Filling the Auto-Oiler System

This chainsaw features an automatic lubrication system for the chain and bar.

- Locate the oil reservoir cap (Prime bulb, 4) on the chainsaw body.
- Unscrew the cap and fill the reservoir with appropriate bar and chain oil. Regular motor oil can also be used.
- Do not overfill. Replace the cap securely.
- The system will automatically lubricate the chain during operation, reducing wear and ensuring smoother cutting.
- It is recommended to store the chainsaw with the oil cap facing up to prevent any leaks.



Figure 3.3: Auto Lubrication System

4. Operating Instructions

Always ensure you are wearing appropriate PPE before starting any cutting operation.

4.1 Starting and Stopping

- Insert the charged battery into the chainsaw until it clicks into place.
- To start the chainsaw, press the trigger lock (3) and then squeeze the switch trigger (8).
- To stop the chainsaw, release the switch trigger (8).

4.2 Cutting Techniques

The BEEDECK chainsaw is designed for efficient cutting of branches and small logs up to 12 inches in diameter.

- **Proper Grip:** Always hold the chainsaw firmly with both hands, one hand on the right handle and the other on the front handle.
- **Stable Stance:** Maintain a balanced and stable stance while cutting.
- **Cutting Motion:** Allow the chainsaw to do the work. Do not force the saw through the wood. Apply steady, even pressure.
- **Limbing:** When cutting limbs, be aware of spring-back. Cut from the side opposite the bend to avoid pinching the bar.
- **Bucking:** When cutting logs on the ground, avoid cutting into the ground as this will dull the chain quickly. If possible, support the log to prevent pinching.



Figure 4.1: Proper Chainsaw Operation



Figure 4.2: Efficient Cutting Performance

5. Maintenance

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

- **Cleaning:** After each use, remove the battery and clean the chainsaw. Use a brush or compressed air to remove sawdust, chips, and debris from the motor housing, chain, and guide bar.
- **Chain Lubrication:** Regularly check the oil level in the auto-oiler reservoir and refill as needed. Ensure the oiler is functioning by observing oil spray from the chain during operation.
- **Chain Sharpening:** A sharp chain is crucial for safe and efficient cutting. Sharpen the chain regularly or replace it when it becomes dull. Refer to a chainsaw sharpening guide for proper technique or consult a professional.
- **Chain Tension:** Check chain tension frequently, especially during initial use. A loose chain can derail, and an overly tight chain can cause premature wear. Adjust using the tensioner knob (10).
- **Storage:** When not in use, store the chainsaw in a dry, secure place, out of reach of children. Ensure the battery is removed for long-term storage. It is recommended to store the chainsaw with the oil cap facing up to prevent any leaks.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Chainsaw does not start.	Battery not charged or not inserted correctly. Trigger lock not engaged.	Ensure battery is fully charged and properly seated. Press trigger lock before squeezing trigger.
Chain does not move.	Chain too tight. Chain jammed by debris.	Loosen chain tension slightly. Remove battery, then clear any debris from the chain and bar.
Poor cutting performance.	Dull chain. Incorrect chain tension. Insufficient oil.	Sharpen or replace chain. Adjust chain tension. Refill oil reservoir.
Oil leaking from chainsaw.	Oil reservoir cap not secured. Chainsaw stored incorrectly.	Ensure oil cap is tightly closed. Store chainsaw with oil cap facing up.

7. Specifications

Technical specifications for the BEEDECK 12-inch Cordless Electric Chainsaw.

Feature	Detail
Brand	BEEDECK
Model Number	12 INCH CHAINSAW -Y1
Power Source	Battery Powered
Voltage	20 Volts
Battery Type	Lithium Ion (4.0Ah)
Horsepower / Wattage	950 Watts
Chain Length	12 Inches
Item Weight	6.8 Pounds
Product Dimensions (L x W x H)	7.7"L x 7.9"W x 25"H
Motor Type	Pure Copper Motor
Lubrication System	Automatic



Figure 7.1: Pure Copper Motor



Figure 7.2: Toughened Saw Chain

8. Warranty and Support

BEEDECK stands behind the quality of its products.

- **Warranty:** The motor and battery are covered by a 12-month guarantee from the date of purchase.
- **Customer Service:** For any concerns or assistance, friendly customer service is available 24/7. Please refer to your purchase documentation for contact details or visit the BEEDECK store on Amazon.

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