

NBT-CC-8A-BL

# Generic NBT-CC-8A-BL Cordless Brushless Chainsaw User Manual

Model: NBT-CC-8A-BL

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## 1. INTRODUCTION

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Thank you for choosing the Generic NBT-CC-8A-BL Cordless Brushless Chainsaw. This portable and efficient cutting tool is designed for pruning, cutting firewood, and general garden maintenance. Featuring a powerful 500W brushless motor, it offers quiet operation, lightweight design, and freedom from emissions, making it an excellent choice for various tasks. This manual provides essential information for safe assembly, operation, maintenance, and troubleshooting of your chainsaw. Please read it thoroughly before first use and keep it for future reference.

## 2. IMPORTANT SAFETY INSTRUCTIONS

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**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.**

### 2.1 General Chainsaw Safety

- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, gloves, and sturdy footwear. A hard hat and leg protection are also recommended.
- **Work Area:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Children and Bystanders:** Keep children and bystanders away while operating a chainsaw. Distractions can cause you to lose control.
- **Weather Conditions:** Do not use the chainsaw in rain or wet conditions.
- **Secure Grip:** Always maintain a firm grip with both hands on the chainsaw handles.
- **Kickback:** 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.

- **Proper Stance:** Maintain proper footing and balance at all times. Do not overreach.
- **Inspect Before Use:** Before each use, inspect the chainsaw for damaged parts, loose components, or any other condition that may affect its safe operation.
- **Battery Safety:** Use only the specified battery pack and charger. Do not expose battery packs to heat or fire.

### 3. PRODUCT COMPONENTS AND PACKAGE CONTENTS

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Familiarize yourself with the parts of your chainsaw and ensure all items are present in the package.



Image 1: Overview of the NBT-CC-8A-BL Cordless Chainsaw and included accessories. The image shows the green chainsaw body, guide bar, saw chain, two 21V lithium-ion batteries, a battery charger, a small oil bottle, and tools for assembly.

### 3.1 Package Contents:

- Cordless Brushless Chainsaw Unit (1)
- Guide Bar (1)

- Saw Chain (1)
- 21V 2000mAh Lithium-ion Battery (2)
- Battery Charger (1)
- Oil Bottle (empty, for chain lubrication) (1)
- Assembly Tools (Wrench, Screwdriver) (1 set)

### 3.2 Chainsaw Components:

1. Guide Bar
2. Saw Chain
3. Chain Guard
4. Chain Tension Adjustment Knob (Plum Blossom Knob)
5. Trigger Switch
6. Safety Lock Button
7. Handle
8. Battery Compartment
9. Battery

## 4. SETUP AND ASSEMBLY

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Before operating the chainsaw, ensure it is properly assembled and the battery is charged.

### 4.1 Battery Charging

1. Insert the battery into the charger. Ensure it clicks into place.
2. Plug the charger into a standard power outlet.
3. The charger indicator light will show the charging status (refer to charger manual for specific light indications).
4. Once fully charged, unplug the charger and remove the battery.
5. Always use the provided charger and battery.

### 4.2 Guide Bar and Chain Installation

**WARNING:** Ensure the battery is removed from the chainsaw before performing any assembly or maintenance.

1. Loosen the chain tension adjustment knob (plum blossom knob) by turning it counter-clockwise and remove the side cover.
2. Carefully place the saw chain around the guide bar, ensuring the cutting edges are facing the correct direction (away from the motor at the top of the bar).
3. Fit the guide bar onto the chainsaw body, aligning the guide bar studs with the holes on the bar. Ensure the chain is seated correctly on the drive sprocket.
4. Replace the side cover and hand-tighten the chain tension adjustment knob. Do not fully tighten yet.

### 4.3 Chain Tension Adjustment



*Image 2: Close-up view of the red plum blossom adjustment knob used for chain tensioning. This knob allows for easy, tool-free adjustment of the saw chain.*

1. With the side cover in place but not fully tightened, use the plum blossom adjustment knob to adjust the chain tension.
2. Turn the knob clockwise to increase tension and counter-clockwise to decrease tension.
3. The chain is correctly tensioned when it can be pulled away from the guide bar by about 2-3 mm at the center, but still snaps back into place. It should move freely around the guide bar without binding.
4. Once the tension is correct, fully tighten the plum blossom adjustment knob to secure the side cover and guide bar.
5. Periodically check chain tension during operation, as it can loosen with use.

## 5. OPERATING INSTRUCTIONS

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Always follow safety guidelines when operating the chainsaw.

### 5.1 Starting the Chainsaw

1. Ensure the battery is fully charged and securely inserted into the chainsaw's battery compartment.
2. Hold the chainsaw firmly with both hands.
3. Press and hold the safety lock button (usually located near the trigger).
4. While holding the safety lock button, squeeze the trigger switch to start the chainsaw. Release the safety lock button once the chainsaw is running.
5. To stop the chainsaw, release the trigger switch.



*Image 3: Detail of the chainsaw handle showing the red trigger switch and the circular safety lock button. The safety button must be pressed before the trigger can be engaged.*

## 5.2 Cutting Techniques

- **Assess the Cut:** Before cutting, identify potential hazards such as branches under tension, obstacles, or unstable footing.
- **Maintain Control:** Always hold the chainsaw firmly with both hands. Keep your body balanced and avoid awkward positions.
- **Start Slowly:** Bring the running chain into contact with the wood gently. Do not force the saw.
- **Avoid Kickback:** Be extremely cautious of the guide bar tip. Avoid contact with any object, especially when cutting small, tough branches.
- **Cutting Small Branches:** For branches up to 190mm (7.5 inches) in diameter, make a single cut. For larger branches, consider making an undercut first to prevent pinching.
- **High-Altitude Operations:** For high pruning, the chainsaw can be paired with a compatible 5-meter high pole (sold separately). Ensure secure attachment and follow all safety guidelines for elevated work.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the life of your chainsaw. Always remove the battery before performing any maintenance.

### 6.1 Chain Lubrication

- The chainsaw requires manual chain lubrication. Fill the provided oil bottle with suitable chain lubricant (not included).
- Apply lubricant directly to the chain and guide bar groove before and during extended use.

- Proper lubrication reduces friction, heat, and wear on the chain and bar.

## 6.2 Chain Sharpening

- A sharp chain is crucial for safe and efficient cutting. Sharpen the chain regularly or have it professionally sharpened.
- Refer to the chain manufacturer's instructions for correct sharpening angles and file sizes.
- A dull chain will produce sawdust instead of chips and require more force to cut.

## 6.3 Guide Bar Maintenance

- Clean the guide bar groove regularly to remove sawdust and debris.
- Flip the guide bar periodically to ensure even wear on both sides.
- Check for burrs on the guide bar rails and file them smooth if present.

## 6.4 Cleaning and Storage

- After each use, clean the chainsaw body, guide bar, and chain with a brush or compressed air.
- Store the chainsaw in a dry, secure place, out of reach of children.
- Always install the chain guard before storing or transporting the chainsaw.
- Remove the battery from the tool when not in use for extended periods.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Chainsaw does not start.	Battery not charged. Battery not inserted correctly. Safety lock button not pressed.	Charge the battery. Ensure battery is fully seated. Press the safety lock button before squeezing the trigger.
Chainsaw cuts slowly or poorly.	Dull chain. Incorrect chain tension. Insufficient lubrication.	Sharpen or replace the chain. Adjust chain tension (refer to Section 4.3). Apply chain lubricant.
Chain binds or stops during cutting.	Chain tension too tight. Guide bar or chain clogged with debris. Wood pinching the chain.	Adjust chain tension. Clean guide bar and chain. Adjust cutting technique; make an undercut if necessary.
Excessive vibration.	Loose components. Damaged chain or guide bar.	Check all fasteners and tighten. Inspect chain and guide bar for damage; replace if necessary.

## 8. TECHNICAL SPECIFICATIONS

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Detailed technical data for the NBT-CC-8A-BL Cordless Brushless Chainsaw.



Model: **NBT-CC-8A-BL**  
 Battery : 21V/2.0Ah\*2  
 Linear speed of electric chain saw: 8m/s  
 No-load current : 5A  
 Rated power : 500W  
 Saw blade specifications: 8"  
 Maximum cutting diameter:190mm

**Features:**

1. Convenient, fast, easy to carry, suitable for home use;
2. The plum blossom adjustment knob is more convenient to adjust than a regular screwdriver;
3. The switch uses anti self-Locking function, which can be paired with a 5-meter high pole for high-altitude operations, making it safer and more convenient;
4. The material of the chain blade is 65Mn, which improves cutting efficiency and product life by 30%;
5. The power adopts a brushless motor with high efficiency and long service life; The motor efficiency reaches over 80%, and the service life is 30% longer than that of a brush motor.



## CORDLESS CHAIN SAW (BRUSHLESS)

Image 4: Technical specifications and key features of the NBT-CC-8A-BL chainsaw, including battery voltage, motor power, and cutting diameter.

Parameter	Value
Model	NBT-CC-8A-BL (Brushless Technology)
Rated Voltage	21V
Battery Capacity	2000 mAh (2 units included)
Rated Power	500W
No-load Current	5A
Motor Speed	32,000 RPM
Saw Blade Specifications	8 inches (approx. 203.2 mm)
Linear Speed of Electric Chain Saw	8 m/s
Maximum Cutting Diameter	190 mm (approx. 7.5 inches)
Chain Blade Material	65Mn

### 9. WARRANTY AND SUPPORT

This product is manufactured by Generic. For warranty information, technical support, or service inquiries, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.

For additional resources, you may refer to the online manual available at:

<https://book.yunzhan365.com/qoez/icwv/index.html>

