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QSDXNYDC NMTDJ

QSDXNYDC Cordless Mini Chainsaw NMTDJ User Manual

8+6 Inch for Makita 18V LXT Battery

1. Introduction

Thank you for choosing the QSDXNYDC NMTDJ Cordless Mini Chainsaw. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. This chainsaw is designed for wood cutting, tree branch pruning, gardening, and similar tasks, offering portability and ease of use. It is compatible with Makita 18V LXT series batteries (battery not included).

2. Safety Instructions

Always prioritize safety when operating power tools. Read and understand all safety warnings and instructions before use.

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, including safety glasses to protect your eyes from debris and anti-cut gloves to protect your hands.
- **Accidental Activation Prevention:** The chainsaw features a security lock. The security lock and the start button must be pressed simultaneously for the chainsaw to activate, preventing unintended starts.
- **Safety Baffle:** The integrated safety baffle helps prevent wood chips and debris from splashing towards the user during operation. Ensure it is in place and undamaged before use.
- **Hand Guard:** Utilize the hand guard design to avoid accidental scratches by branches.
- **Battery Safety:** Always remove the battery from the chainsaw when not in use, during maintenance, or when changing accessories to prevent accidental startup.
- **Work Area:** Keep the work area clear of obstructions and ensure stable footing. Be aware of your surroundings and avoid cutting near power lines or other hazards.
- **Proper Handling:** Hold the chainsaw firmly with both hands during operation, unless performing one-hand specific tasks where the tool's design allows for safe single-hand use.

3. Product Overview and Components

The QSDXNYDC NMTDJ Cordless Mini Chainsaw is a compact and powerful tool. Familiarize yourself with its components for safe and effective use.

Key Features:

- Brushless Motor: Provides powerful and efficient cutting performance.
- Auto Oiler System: Automatically lubricates the chain during operation, reducing wear and extending chain lifespan.
- Tool-Free Chain Adjustment: Allows for easy adjustment and maintenance of chain tension without additional tools.
- Fast Heat Dissipation: Designed to prevent thermal overload during extended use.
- One-Hand Operation: Lightweight design (approximately 2.4 lbs without battery) for comfortable single-hand use.

Package Contents:

The standard package includes the following items:

- 1 x Cordless Mini Chainsaw (8-inch bar pre-installed)
- 1 x 6-inch Guide Plate
- 1 x 6-inch Chain
- 1 x Protective Sleeve
- 1 x Pair of Gloves
- 1 x Goggle
- 1 x User Manual



Image: All components included in the package, such as the chainsaw, protective sleeve, goggles, guide plate, chain, and gloves.

4. Setup

4.1. Battery Installation

This chainsaw is compatible with Makita 18V LXT batteries (e.g., BL1850B, BL1860B, BL1830B, BL1840B, BL1820B). Ensure the battery is fully charged before use.

1. Align the battery with the battery slot on the bottom of the chainsaw handle.
2. Slide the battery into the slot until it clicks securely into place.
3. To remove, press the release button on the battery and slide it out.



Image: The chainsaw with various compatible Makita 18V LXT batteries (BL1830B, BL1840B, BL1850B, BL1860B) and a battery power indicator.

4.2. Chain Installation and Adjustment

The chainsaw features a tool-free chain adjustment system for convenience.

1. **Loosen the Compression Nut:** Rotate the red compression nut counter-clockwise to loosen it.
2. **Open the Side Cover:** Open the side cover to access the chain and guide plate.
3. **Remove/Replace Chain:** Carefully remove the old chain if replacing, or place the new chain around the sprocket and guide plate. Ensure the chain teeth are facing the correct direction.
4. **Replace the New Chain:** Position the chain correctly on the guide bar and around the drive sprocket.
5. **Put on the Cover:** Close the side cover.

6. **Tighten the Screws:** Rotate the red compression nut clockwise to tighten it, ensuring the chain is snug but can still be moved by hand.

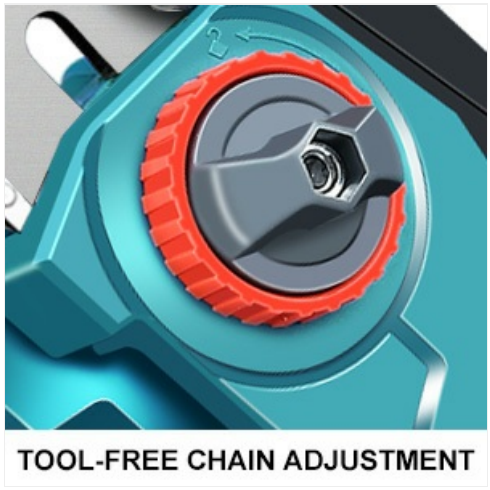


Image: Close-up of the tool-free chain adjustment mechanism, showing the knob for tightening and loosening the chain.

4.3. Oiling System

The chainsaw features an automatic oiler system. Ensure the oil reservoir is filled before each use.

1. Locate the oil reservoir cap on the top of the chainsaw body.
2. Unscrew the cap and fill the reservoir with appropriate chainsaw bar and chain oil.
3. Monitor the oil level through the oil level inspection window during operation. Refill as needed.

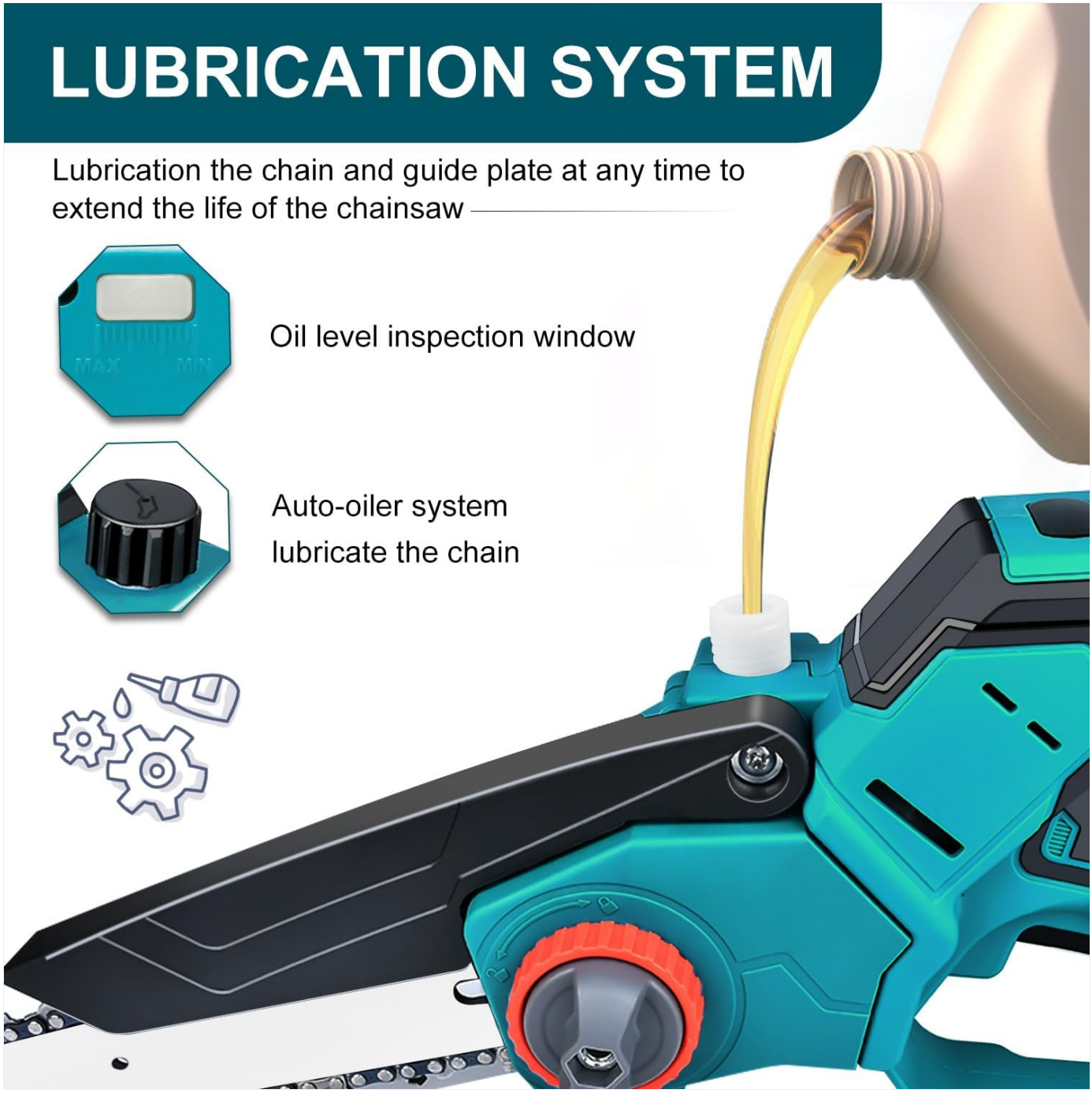


Image: The automatic oiling system, showing oil being poured into the reservoir and an oil level inspection window.

5. Operating Instructions

5.1. Starting and Stopping

1. Ensure the battery is securely installed and the oil reservoir is filled.
2. Hold the chainsaw firmly.
3. Press the safety lock button (usually located near the trigger).
4. While holding the safety lock, press the trigger to start the chainsaw.
5. Release the trigger to stop the chainsaw.

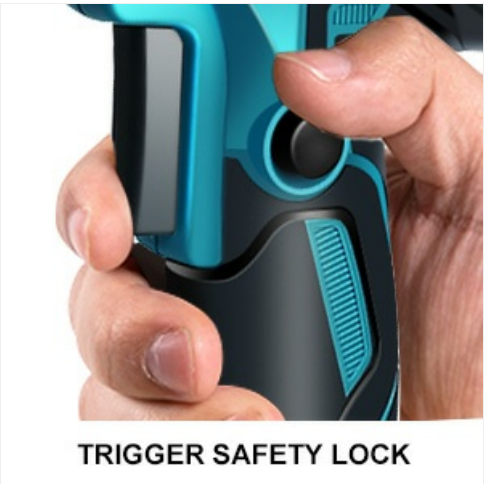


Image: Close-up of the trigger safety lock, indicating how to engage it before pressing the trigger.

5.2. Cutting Technique

- Always maintain a firm grip on the chainsaw.
- Allow the chain to reach full speed before contacting the material to be cut.
- Apply steady, even pressure. Do not force the saw through the material.
- Be aware of kickback, especially when the tip of the guide bar contacts an object or when the wood closes in and pinches the saw chain.
- For branches, cut from the top down to prevent pinching. For larger limbs, make an undercut first.



Image: The brushless motor in action, demonstrating efficient cutting through an 8-inch log.

5.3. One-Hand Operation

The lightweight design of this mini chainsaw allows for comfortable one-hand operation for smaller tasks. However, always ensure you have a stable stance and full control of the tool to prevent accidents.



Image: A person demonstrating one-hand operation of the chainsaw, highlighting its lightweight and user-friendly design.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your chainsaw.

- **Chain Lubrication:** The auto-oiler system provides continuous lubrication. Regularly check the oil level and refill as necessary. Use only recommended bar and chain oil.
- **Chain Tension:** Periodically check the chain tension. A properly tensioned chain should be snug against the guide bar but still allow you to pull it around the bar by hand. Adjust using the tool-free adjustment knob.
- **Chain Sharpening:** A dull chain will reduce cutting efficiency and increase strain on the motor. Sharpen the chain regularly or replace it when necessary.
- **Cleaning:** After each use, remove the battery and clean the chainsaw. Remove sawdust, debris, and resin from the guide bar, chain, and motor housing. Ensure the heat dissipation vents are clear.
- **Storage:** Store the chainsaw in a dry, secure place, out of reach of children. Ensure the protective sleeve is on the guide bar. Remove the battery for long-term storage.



Image: Detailed view of chainsaw parts, including the safety switch, baffle, and fast heat dissipation vents.

7. Troubleshooting

If you encounter issues with your chainsaw, refer to the following common troubleshooting steps:

- **Chainsaw Not Starting:**
  - Ensure the battery is fully charged and properly inserted.
  - Verify that both the safety lock and the trigger are pressed simultaneously.
  - Check for any obstructions preventing the chain from moving freely.
- **Poor Cutting Performance:**
  - Check if the chain is dull and requires sharpening or replacement.
  - Ensure the chain tension is correct.
  - Verify that the auto-oiler system is functioning and the oil reservoir is filled.

- **Excessive Vibration or Noise:**
  - Inspect the chain for damage or improper installation.
  - Check the guide bar for wear or damage.
  - Ensure all fasteners are tight.

If problems persist after attempting these steps, please contact customer support.

8. Specifications

Attribute	Value
Brand	QSDXNYDC
Model Number	NMTDJ
Power Source	Battery Powered (Compatible with Makita 18V LXT)
Horsepower	1200 Watts
Item Weight	3.89 pounds
Product Dimensions	16 x 5 x 6 inches
Included Components	Chainsaw, 6-inch Guide Plate, 6-inch Chain, Protective Sleeve, Gloves, Goggle, User Manual
Batteries Included?	No
Color	Green

9. Official Product Video

[redacted].

Video: An official product video from QSDXNYDC demonstrating the features, installation, and cutting capabilities of the Cordless Mini Chainsaw.

10. Warranty and Support

For warranty information, technical support, or any questions regarding your QSDXNYDC NMTDJ Cordless Mini Chainsaw, please refer to the contact information provided with your purchase or visit the official QSDXNYDC website. Keep your purchase receipt as proof of purchase for warranty claims.

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