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LawnMaster CLM2413A

LawnMaster CLM2413A Cordless Lawn Mower Instruction Manual

Model: CLM2413A | Brand: [LawnMaster](#)

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your [LawnMaster CLM2413A Cordless 13-Inch Lawn Mower](#). This powerful 24V Max li-ion battery-powered mower is designed for ease of use and maneuverability, making lawn care simpler.

2. IMPORTANT SAFETY INFORMATION

WARNING: **Keep away from reach of children.**

3. PRODUCT FEATURES

- **12.4-Inch Cutting Width:** Features a 13-inch high impact rust resistant deck for efficient mowing.
- **Powerful Engine:** Powered by a 24V MAX* li-ion battery, providing a speed of 3700 RPM for effective cutting.
- **5 Cutting Positions:** Effortlessly change the height of cuts between 1-inch to 2.55-inch using the one-touch lever.
- **Lightweight Design:** Weighs 23.15 lbs. with 5.51-inch wheels for easy maneuverability across your lawn.
- **Included:** Comes with the 13-inch 24V cordless lawn mower, 2x24V MAX* 4.0Ah batteries, and a charger.



Figure 1: LawnMaster CLM2413A Cordless 13-Inch Lawn Mower with included accessories.



Figure 2: Key components of the LawnMaster CLM2413A mower.

4. SETUP AND ASSEMBLY

The LawnMaster CLM2413A comes partially assembled. Follow these steps to prepare your mower for use.

4.1 Attaching the Handlebars

Insert the lower handlebar sections into the designated slots on the mower housing. Secure them using the provided bolts and locking knobs. Attach the upper handlebar section, ensuring the cable is routed correctly and secured with the cable clips to prevent tangling.

4.2 Installing the Grass Collection Bag

Assemble the grass collection bag by connecting the bottom and top pieces. Lift the rear safety flap of the mower and align the bag's notches with the mower's frame. Slide the bag into place until it clicks securely under the safety flap.

4.3 Battery Installation

Open the transparent battery compartment cover on top of the mower. Align the ribs on the battery pack with the grooves inside the compartment. Slide the 24V MAX* 4.0Ah battery into place until it clicks. Ensure the safety key is fully inserted into its slot next to the battery. Close the battery compartment cover firmly.



Figure 3: Proper insertion of the battery into the mower.

5. OPERATING INSTRUCTIONS

5.1 Starting the Mower

With the battery and safety key correctly installed, press and hold the start button on the handlebar. While holding the button, pull the orange handle bar towards you to engage the motor. You can then release the start button.

5.2 Adjusting Cutting Height

The mower offers 5 cutting positions, ranging from 1-inch to 2.55-inch. To adjust the cutting height, locate the one-touch lever near the wheels. Pull the lever outwards and move it up or down to select your desired cutting height. Ensure all wheels are set to the same height for an even cut.



5-Position Height Adjustment
1-Inch – 2.55-Inches

Figure 4: Adjusting the 5-position cutting height with the lever.

5.3 Mowing Tips

For optimal performance, mow in straight, overlapping lines. The mower's lightweight design (23.15 lbs.) and 5.51-inch wheels provide excellent maneuverability, especially in tighter spaces. The mower's intelligent motor will automatically adjust power output based on grass density, conserving battery life when mowing lighter areas and increasing power for thicker patches.



Maximum Maneuverability
5.5-Inch Wheels
23-Lb. Lightweight Design

Figure 5: The mower's design allows for maximum maneuverability.



Figure 6: The 8-gallon collection bag efficiently stores grass clippings.

6. MAINTENANCE

6.1 General Cleaning

After each use, disconnect the battery and safety key. Wipe down the mower deck and exterior with a damp cloth to remove grass clippings and debris. Ensure the underside of the deck is clear of any buildup to maintain optimal cutting performance.

6.2 Battery Care

Always store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Fully charge batteries before long-term storage to prolong their lifespan. Use only the provided charger for optimal battery health.

7. TROUBLESHOOTING

If the mower does not start, ensure the battery is fully charged and properly inserted, and the safety key is engaged. If the mower struggles with thick grass, try a higher cutting setting. For persistent issues, refer to the detailed troubleshooting section in the official user manual.

8. SPECIFICATIONS

Attribute	Value
Brand	LawnMaster
Power Source	Battery Powered
Material	Plastic
Color	13-Inch
Style	Cordless
Item Weight	23.1 Pounds
Cutting Width	13 Inches
Number of Positions	5
Operation Mode	Automatic
Product Dimensions	24"D x 15.47"W x 12"H
Wheel Size	8 Inches

Maximum Adjustable Cutting Height	2.55 Inches
Minimum Adjustable Cutting Height	1 Inches
Manufacturer	Cleva
ASIN	B09PBL1BFV
Country of Origin	China
Item model number	CLM2413A
Batteries	2 Lithium Ion batteries required. (included)

9. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official user manual.

[Download Official User Manual \(PDF\)](#)