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Kobalt 20-in Cordless Electric Lawn Mower

Kobalt 40-Volt Brushless Lithium Ion 20-in Cordless Electric Lawn Mower Instruction Manual

Brand: Kobalt | Model: 20-in Cordless Electric Lawn Mower

1. Introduction

The Kobalt 40-Volt Brushless Lithium Ion 20-inch Cordless Electric Lawn Mower is designed to provide efficient and convenient lawn care. Powered by a 40-volt cordless system, it offers up to 40 minutes of runtime on a fully charged 5.0 Ah battery, which is included along with the charger. This versatile mower features a 3-in-1 capability, allowing for mulching, rear bagging, or side discharge of grass clippings. Its brushless motor delivers ample power and runtime suitable for yards up to 1/2 acre. The durable 20-inch steel deck ensures longevity, while the easy push-button start simplifies operation. A 7-position single lever height adjuster allows for precise cutting on various grass types. The mower is compatible with the Kobalt 40-Volt MAX family of products and can be stored vertically to save space.



Figure 1: Kobalt 40-Volt Cordless Electric Lawn Mower with included battery and charger.

2. Setup and Assembly

Your Kobalt lawn mower is designed for easy assembly. Follow these steps for initial setup:

1. **Handle Assembly:** Unfold the handle and secure it in place according to the instructions provided in the quick start guide. Ensure all locking mechanisms are engaged.
2. **Battery Installation:** Open the battery compartment cover. Insert the fully charged 5.0 Ah Kobalt 40-Volt MAX battery into the slot until it clicks securely into place. Close the battery compartment cover.
3. **Grass Collection Options:**
    - **Rear Bagging:** Attach the grass collection bag to the rear discharge opening. Ensure it is securely fastened to prevent clippings from escaping.
    - **Side Discharge:** For side discharge, attach the side discharge chute to the designated opening on the side of the mower deck.
    - **Mulching:** For mulching, ensure the mulching plug is inserted into the rear discharge opening and the side discharge chute is removed (if applicable).
4. **Height Adjustment:** Locate the single lever height adjuster on the mower deck. Adjust the cutting height to one of the 7 available positions by moving the lever. Choose a higher setting for taller grass and a lower setting for a shorter cut.

3. Operating Instructions

Before operating, ensure the battery is fully charged and correctly installed. Always wear appropriate safety gear, including eye protection and sturdy footwear.

1. **Starting the Mower:**
    - Press and hold the start button located on the handle.
    - While holding the start button, pull the bail lever (the bar across the handle) towards the handle. The mower will start.
    - Release the start button once the mower is running. Keep the bail lever held to continue operation.
2. **Stopping the Mower:** To stop the mower, simply release the bail lever. The blades will cease rotation.
3. **Self-Propelled Feature:** This model features a self-propelled drive system for easier operation, especially on sloped terrain or larger yards. Engage the self-propel function by pressing the designated lever or button on the handle (refer to your quick start guide for exact control location). Adjust the speed as needed.
4. **Mowing Techniques:**
    - For best results, mow when the grass is dry.
    - Overlap cutting paths slightly to ensure an even cut.
    - Avoid cutting more than one-third of the grass blade length at a time. If grass is very tall, consider multiple passes with gradually lower height settings.

4. Maintenance

Regular maintenance ensures optimal performance and extends the life of your Kobalt lawn mower.

- **Battery Charging:**
    - After each use, remove the battery from the mower and place it on the included charger.

    - Ensure the charger is connected to a standard power outlet. The indicator lights on the charger will show the charging status.
    - Store fully charged batteries in a cool, dry place away from direct sunlight.
- **Cleaning:**
    - Always remove the battery before cleaning or performing any maintenance.
    - Clean the mower deck and blades after each use to prevent grass buildup, which can affect performance. Use a brush or cloth; avoid using water directly on electrical components.
    - Inspect the grass collection bag for tears or damage and empty it regularly.
- **Blade Care:** Periodically inspect the mower blade for sharpness and damage. A dull blade can tear grass, leading to an unhealthy lawn. Sharpen or replace the blade as needed.
- **Storage:** The Kobalt mower is designed for vertical storage, saving valuable space in your garage or shed. Fold the handle down and store the mower upright in a dry, protected area.

5. Troubleshooting

If you encounter issues with your Kobalt lawn mower, refer to these common troubleshooting tips:

- **Mower Not Starting:**
    - Ensure the battery is fully charged and properly inserted.
    - Verify that the start button is pressed and the bail lever is pulled simultaneously.
    - Check if the safety key (if applicable) is fully inserted.
- **Reduced Runtime or Power:**
    - The battery may not be fully charged or is nearing the end of its charge cycle. Recharge the battery.
    - Grass may be too tall or wet, causing the motor to work harder. Adjust cutting height or wait for drier conditions.
    - Mower blades may be dull or damaged. Inspect and sharpen/replace as needed.
- **Uneven Cut:**
    - Check the cutting height setting and ensure it is appropriate for the grass length.
    - Inspect the blade for damage or dullness.
    - Ensure all wheels are set to the same height.

6. Product Specifications

Feature	Detail
Brand	Kobalt
Power Source	Battery Powered (40-Volt MAX)
Material	Alloy Steel

Color	Blue, Black
Style	Push (Self-Propelled)
Item Weight	61.4 Pounds
Cutting Width	20 Inches
Number of Positions	7 (Height Adjustment)
Operation Mode	Manual
Package Dimensions	34 x 23 x 17 inches

7. Warranty and Support

The Kobalt 40-Volt Brushless Lithium Ion 20-in Cordless Electric Lawn Mower comes with a **5-year limited warranty**, covering defects in materials and workmanship under normal use. For any questions, technical assistance, or warranty claims, please contact Kobalt Customer Support. You can find contact information on the product packaging or the official Kobalt website.

For additional support and resources, please refer to the official product page or contact the seller directly.

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