Kobalt a99584a8-7913-4ed7-92ec-5b8f56df9752

Kobalt 40-Volt Brushless Lithium Ion 20-inch Cordless Electric Lawn Mower User Manual

Model: a99584a8-7913-4ed7-92ec-5b8f56df9752

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Kobalt 40-Volt Brushless Lithium Ion 20-inch Cordless Electric Lawn Mower. This mower is designed to provide cordless freedom for lawn care, utilizing a rechargeable, interchangeable 40V Max battery platform (battery not included). Its state-of-the-art lithium-ion technology delivers enhanced torque and speed.

2. Safety Information

WARNING:

- Always read and understand the entire user manual before operating the lawn mower.
- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear, when operating the mower.
- Keep hands, feet, and clothing away from moving parts.
- Ensure the area is clear of debris, children, and pets before and during operation.
- Do not operate the mower in wet conditions or on excessively steep slopes.
- Disconnect the battery pack before cleaning, performing maintenance, or when storing the mower.
- Use only Kobalt 40V Max batteries and chargers.
- Store the mower and batteries in a dry, secure location, out of reach of children.

3. Package Contents

Your Kobalt 40-Volt Brushless Lithium Ion 20-inch Cordless Electric Lawn Mower package includes the following components:

- Kobalt 20-inch Cordless Electric Lawn Mower Unit
- Handle Assembly
- Grass Collection Bag (if applicable, typically included for bagging feature)
- Side Discharge Chute (if applicable)

- Mulching Plug (pre-installed or included for mulching feature)
- User Manual

Note: Battery and charger are sold separately.

4. Setup

4.1 Handle Assembly and Adjustment

The mower's handle can be adjusted for user comfort and folded for compact storage. To adjust the handle height:

1. Locate the blue adjustment levers on the handle assembly.
2. Lift these levers to unlock the handle.
3. Adjust the handle to your desired height.
4. Push the levers down to secure the handle in place.

To fold the handle for storage:

1. Ensure the handle is in its lowest position.
2. Locate the blue twist knobs near the base of the handle.
3. Twist these knobs to loosen the handle.
4. Fold the handle forward over the mower deck.
5. Secure the handle in the folded position if there are latches.



Image: The Kobalt lawn mower with its handle folded down, demonstrating its compact storage capability.

4.2 Battery Installation

Your Kobalt lawn mower is powered by a 40V Max lithium-ion battery (sold separately). To install the battery:

1. Open the battery compartment cover, typically located on top of the mower deck.
2. Align the battery with the battery slot and slide it in until it clicks into place.
3. Close the battery compartment cover securely.

To check the battery charge level, press the indicator button on the battery or the mower's control panel. The LED lights will illuminate to show the remaining charge.



Image: An overhead view of the Kobalt 20-inch cordless electric lawn mower, highlighting the battery compartment on the top of the unit.

4.3 Cutting Height Adjustment

The mower features 7 cutting height positions. To adjust the cutting height:

1. Ensure the mower is turned off and the battery is removed.
2. Locate the height adjustment lever, usually near one of the wheels.
3. Pull the lever outwards and move it to the desired height setting.
4. Release the lever to lock it into position. Ensure all wheels are set to the same height.



Image: A detailed view of the Kobalt lawn mower's wheel and the adjacent lever used for adjusting the cutting height.

5. Operating Instructions

5.1 Starting the Mower

1. Ensure the battery is fully charged and properly installed.
2. Press and hold the safety button on the handle.
3. While holding the safety button, pull the bail switch lever towards the handle.
4. The motor will start. Release the safety button, but continue to hold the bail switch lever to keep the mower running.

To stop the mower, release the bail switch lever.

5.2 3-in-1 Functionality (Mulching, Bagging, Side Discharge)

Your Kobalt mower offers versatile cutting options:

- **Mulching:** For mulching, ensure the mulching plug is securely inserted into the rear discharge opening. This recycles grass clippings back into the lawn as natural fertilizer.
- **Rear Bagging:** To collect clippings, remove the mulching plug and attach the grass collection bag to the rear discharge opening. Ensure it is securely fastened.
- **Side Discharge:** For side discharge, remove the mulching plug and attach the side discharge chute to the side opening of the mower deck. This directs clippings away from the mower.



Image: A close-up view of the Kobalt lawn mower's side, showing the attachment point for the side discharge chute.

5.3 Mowing Tips

- Mow when the grass is dry for best results.
- Do not remove more than one-third of the grass blade length at a time.
- Overlap cutting swaths slightly to ensure even coverage.
- For thick or tall grass, consider making two passes, raising the cutting height for the first pass.

6. Maintenance

WARNING: Always remove the battery pack before performing any maintenance or cleaning.

- **Cleaning:** After each use, clean the mower deck and underside to prevent grass buildup. Use a damp cloth; do not use water jets or harsh chemicals.
- **Blade Inspection:** Regularly inspect the cutting blade for sharpness and damage. A dull or damaged blade can lead to poor cutting performance and strain the motor. Replace the blade if necessary.
- **Storage:** Store the mower in a cool, dry place. For long-term storage, remove the battery and store it separately in a charged state. The handle can be folded for compact storage.

7. Troubleshooting

Problem	Possible Cause	Solution
Mower does not start	Battery not installed correctly or discharged; Safety button/bail switch not engaged; Overload protection activated.	Ensure battery is fully charged and properly seated. Engage safety button and bail switch simultaneously. Allow mower to cool down if overloaded.
Poor cutting performance	Dull or damaged blade; Mower deck clogged with grass; Cutting height too low for grass condition.	Inspect and sharpen/replace blade. Clean underside of mower deck. Raise cutting height.

Problem	Possible Cause	Solution
Excessive vibration	Bent or unbalanced blade; Loose components.	Inspect blade for damage and replace if bent. Check all fasteners for tightness.

8. Specifications

- **Brand:** Kobalt
- **Model Number:** a99584a8-7913-4ed7-92ec-5b8f56df9752
- **Power Source:** Battery Powered (40V Max)
- **Motor Type:** Brushless
- **Cutting Width:** 20 Inches
- **Cutting Height Positions:** 7
- **Operation Mode:** Manual (Push)
- **Deck Material:** Alloy Steel
- **Item Weight:** Approximately 70 Pounds
- **Features:** 3-in-1 (Mulching, Rear Bagging, Side Discharge)

9. Warranty and Support

For detailed warranty information and customer support, please refer to the warranty card included with your product or visit the official Kobalt website. Keep your purchase receipt as proof of purchase for warranty claims.
For technical assistance or to order replacement parts, contact Kobalt Customer Service through their official channels.

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