

MZK ET1608-OW

MZK 40V(2x20V)13" Cordless Electric Lawn Mower Instruction Manual

Model: ET1608-OW

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1. PRODUCT OVERVIEW

The MZK 40V(2x20V)13" Cordless Electric Lawn Mower is designed for efficient and convenient lawn care. Featuring a powerful brushless motor and dual 4Ah batteries, it offers extended runtime and reliable performance for gardens, yards, and farms. Its lightweight and compact design ensures easy maneuverability and storage.

Key Features:

- **Powerful Brushless Motor:** Delivers optimal performance with reduced maintenance.
- **Dual 4Ah Batteries:** Provides extended runtime for larger areas.
- **13-inch Cutting Width:** Covers more ground efficiently.
- **4-Position Height Adjustment:** Customize cutting height from 1.2 inches to 1.5 inches.
- **Lightweight Design:** Weighs only 24.3 pounds for easy handling and transport.
- **Easy and Safe Startup:** Intuitive two-step activation process for secure operation.
- **2-in-1 Mowing Versatility:** Supports both rear bagging and mulching.



Figure 1.1: MZK 40V Cordless Electric Lawn Mower with included batteries and charger.



Figure 1.2: Illustration highlighting the powerful brushless motor for efficient operation.

2. SAFETY INFORMATION

WARNING: Read all safety warnings and instructions before operating this lawn mower. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

General Safety Rules:

- Always wear appropriate personal protective equipment (PPE) including eye protection, sturdy footwear, and hearing protection.
- Keep all bystanders, children, and pets at least 50 feet (15 meters) away from the operating area.
- Inspect the area to be mowed and remove all objects such as rocks, sticks, wires, bones, and other debris that could be thrown by the blade.
- Do not operate the mower in wet grass or rain.
- Never operate the mower with damaged guards or without safety devices in place.
- Disconnect the battery pack before cleaning, servicing, or storing the mower.
- Avoid mowing on steep slopes. Mow across the face of slopes, never up and down.
- Store the mower indoors in a dry, secure place out of reach of children.

3. SETUP AND ASSEMBLY

Follow these steps to assemble and prepare your MZK Cordless Electric Lawn Mower for first use.

3.1 Unpacking

- Carefully remove all components from the packaging.
- Verify that all parts listed in the packing list are present.
- Dispose of packaging materials responsibly.

3.2 Handle Assembly

- Unfold the handle and secure it in the upright position using the quick-release levers or knobs provided. Ensure the handle is firmly locked.

3.3 Grass Catcher Assembly (if applicable)

- Assemble the grass catcher according to the diagrams in your separate assembly guide.
- Lift the rear discharge flap and hook the grass catcher onto the mower. Ensure it is securely attached.

3.4 Battery Installation and Charging

The MZK lawn mower operates on two 20V batteries (40V total). Ensure both batteries are fully charged before use.

1. Insert the two 20V batteries into the battery compartments on top of the mower until they click into place.

2. To charge the batteries, remove them from the mower and place them into the dual-port fast charger.
3. Plug the charger into a standard electrical outlet. The indicator lights on the charger will show the charging status.
4. Once fully charged, remove the batteries from the charger.



Figure 3.1: Proper installation of the two 20V batteries into the mower's battery slots.



Figure 3.2: The two universal batteries combine to provide 40V power for the mower.

4. OPERATING INSTRUCTIONS

4.1 Adjusting Cutting Height

The mower features a 4-position height adjustment lever, allowing you to select cutting heights from 1.2 inches to 1.5 inches.

1. Ensure the mower is turned off and the battery is removed before adjusting the height.
2. Locate the height adjustment lever on the side of the mower deck.
3. Pull the lever outwards and move it to the desired height setting. Ensure all four wheels are at the same height.



MZK



4-HEIGHT LEVER CONTROL

1.18"

3.0"



Figure 4.1: Adjusting the cutting height using the 4-position lever control.

4.2 Starting the Lawn Mower

The MZK mower features a two-step activation process for safety.

1. Ensure the batteries are fully charged and correctly installed.
2. Press and hold the safety lock button (usually located on the handle).
3. While holding the safety lock button, pull the bail switch lever towards the handle. The motor will start.
4. Release the safety lock button once the motor is running.

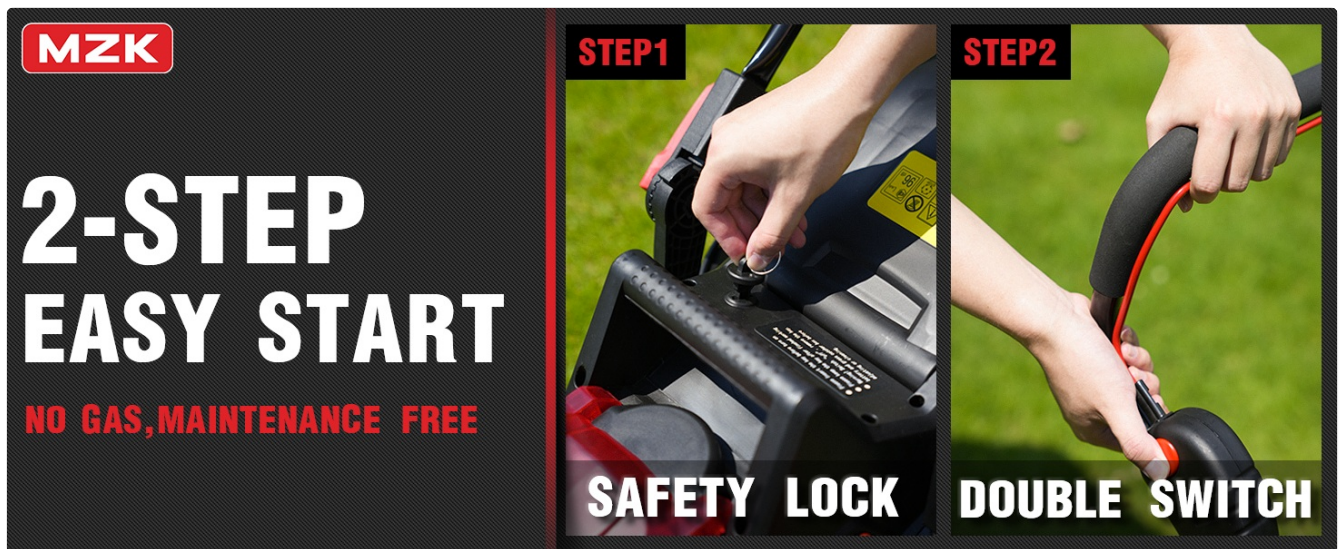


Figure 4.2: The two-step easy start mechanism for safe operation.

4.3 Mowing Techniques

- For best results, mow dry grass.
- Overlap cutting swaths slightly to ensure complete coverage.
- Avoid cutting more than one-third of the grass blade length at a time.
- For thick or tall grass, make two passes, raising the cutting height for the first pass.



Figure 4.3: Demonstrating the mower's performance during operation, highlighting its 40-minute running time.

4.4 Stopping the Lawn Mower

- Release the bail switch lever. The motor will stop immediately.
- Always remove the battery pack when leaving the mower unattended, or before performing any adjustments or maintenance.

4.5 Mowing Versatility

The MZK mower offers 2-in-1 functionality for rear bagging and mulching.

- **Rear Bagging:** Attach the grass catcher to collect clippings. Empty the bag when it is full to maintain optimal performance.
- **Mulching:** Remove the grass catcher and ensure the mulching plug (if included) is inserted. This allows clippings to be finely cut and returned to the lawn as natural fertilizer.



Figure 4.4: The mower's 2-in-1 versatility for rear bagging or mulching.

4.6 Official Product Video

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Video 4.1: An introductory video demonstrating the MZK 40V Lawn Mower's features and operation.

5. MAINTENANCE

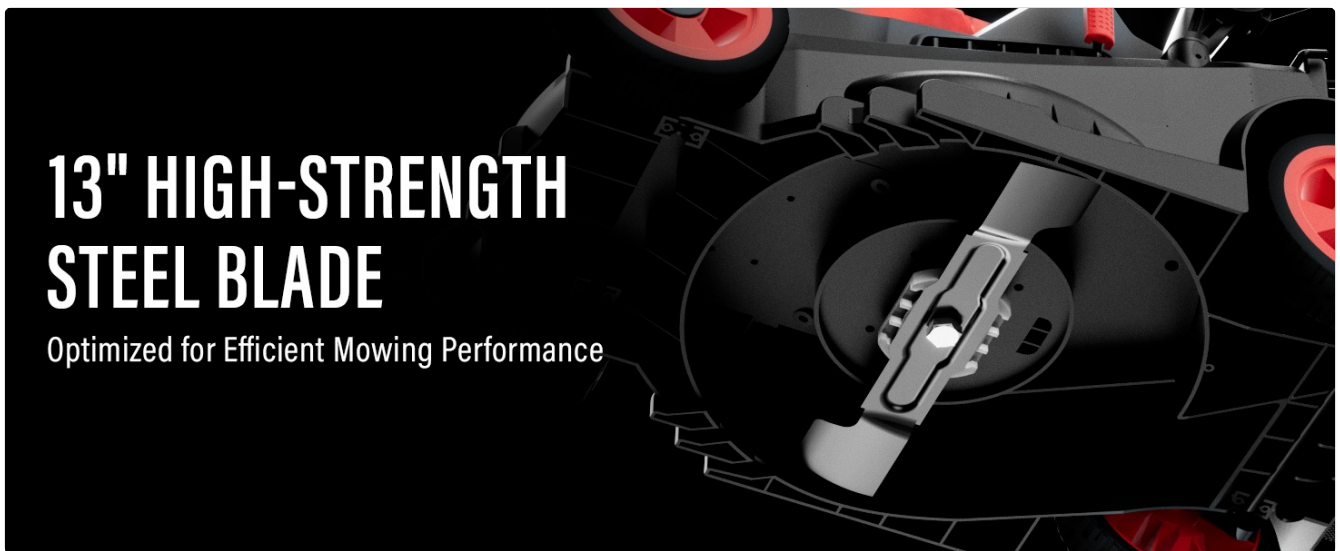
Regular maintenance ensures the longevity and optimal performance of your lawn mower.

5.1 Cleaning

- After each use, disconnect the battery and clean the mower deck and exterior with a damp cloth.
- Remove any grass clippings or debris from the underside of the deck and around the blade.
- Do not use water hoses, pressure washers, or immerse the mower in water.

5.2 Blade Care

- Regularly inspect the blade for sharpness and damage. A dull blade tears grass, leading to an unhealthy lawn.
- If the blade is dull or damaged, have it sharpened or replaced by a qualified service technician.
- Always wear heavy-duty gloves when handling the blade.



13" HIGH-STRENGTH STEEL BLADE

Optimized for Efficient Mowing Performance

Figure 5.1: The 13-inch high-strength steel blade, optimized for efficient mowing performance.

5.3 Battery Storage

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, charge batteries to approximately 50% capacity.

5.4 Storage of the Mower

- Clean the mower thoroughly before storing.
- Fold the handle for compact storage. The mower can be stored vertically to save space.
- Store the mower in a dry, secure location, protected from weather and out of reach of children.

SPACE-SAVING DESIGN

Vertical Placement Saves You 70%



Figure 5.2: The space-saving design allows for vertical placement, saving up to 70% storage space.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your lawn mower.

Problem	Possible Cause	Solution
Mower does not start	Battery not installed correctly Battery not charged Safety lock button not pressed Bail switch not engaged	Ensure batteries are fully seated Charge batteries fully Press and hold safety lock button before pulling bail switch Pull bail switch fully towards handle

Problem	Possible Cause	Solution
Mower stops during operation	Battery charge low Overload (e.g., very thick grass) Blade obstructed	Recharge batteries Raise cutting height or reduce mowing speed Disconnect battery, clear obstruction from blade
Uneven cutting	Dull or damaged blade Uneven cutting height adjustment	Sharpen or replace blade Ensure all wheels are set to the same height
Excessive vibration	Bent or unbalanced blade Loose components	Replace blade Check and tighten all fasteners
Poor grass collection	Grass catcher full Discharge chute clogged Cutting height too low	Empty grass catcher Disconnect battery, clear chute Raise cutting height

If the problem persists after attempting these solutions, please contact MZK customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	MZK
Model Number	ET1608-OW
Power Source	Battery Powered (40V, 2x20V)
Battery Capacity	2 x 4Ah Lithium-ion
Cutting Width	13 Inches
Cutting Height Adjustment	4-Position (1.2" to 1.5")
Grass Collection Capacity	25 Liters
Item Weight	24.3 Pounds
Product Dimensions	30"D x 40"W x 15"H
Operation Mode	Automatic
Country of Origin	China

8. WARRANTY AND SUPPORT

8.1 Warranty Information

MZK products are manufactured to high-quality standards. For specific warranty details regarding your MZK 40V(2x20V)13" Cordless Electric Lawn Mower, please refer to the warranty card included with your product or visit the official MZK website. Keep your purchase receipt as proof of purchase for warranty claims.

8.2 Customer Support

If you have any questions, require technical assistance, or need to report an issue with your product, please contact MZK customer support:

- **Online Support:** Visit the MZK official website for FAQs, troubleshooting guides, and contact forms.
- **Email Support:** Refer to your product documentation for the dedicated support email address.
- **Phone Support:** Refer to your product documentation for the customer service phone number.

When contacting support, please have your product model number (ET1608-OW) and purchase date available.