

MZK ET2602

MZK 40V 16-inch Electric Lawn Mower User Manual

Model: ET2602

1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your MZK 40V 16-inch Electric Lawn Mower, Model ET2602. Please read this manual thoroughly before using the product to ensure proper function and to prevent injury or damage. Keep this manual for future reference.

The MZK 40V 16-inch Electric Lawn Mower is designed for residential lawn care, offering a cordless solution with a powerful brushless motor and dual-battery system for efficient grass cutting.

2. SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious injury.

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the lawn mower.
- **Wear Appropriate Attire:** Always wear safety glasses or goggles, long pants, and sturdy footwear. Avoid loose clothing that could get caught in moving parts.
- **Clear the Area:** Before mowing, clear the area of objects such as rocks, toys, wires, or other debris that could be thrown by the blade.
- **Keep Bystanders Away:** Ensure children, pets, and other people are at a safe distance from the mowing area.
- **Avoid Wet Grass:** Do not operate the mower in wet conditions, as this can cause slipping and reduce cutting efficiency.
- **Inspect Before Use:** Check the mower for any damaged parts, loose fasteners, or worn blades before each use.
- **Remove Battery When Not in Use:** Always remove the battery pack when cleaning, servicing, or storing the mower.
- **Use Only MZK Batteries and Charger:** Use only the specified battery packs and charger for this product to prevent damage or injury.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon opening the package. If any parts are missing or damaged, contact customer service.

- 1 x MZK 16-inch Electric Lawn Mower
- 2 x 40V 4.0Ah Lithium-Ion Batteries
- 1 x Dual-Port Battery Charger
- 1 x 11-Gallon Grass Collection Bag
- 1 x User Manual

4. ASSEMBLY AND SETUP

4.1 Handle Assembly

The mower's handle is designed for compact storage and requires unfolding and securing before use. Loosen the quick-release knobs on the sides of the handle, unfold the upper handle section, and tighten the knobs to secure it in the operating position. Ensure the handle is firmly locked to prevent movement during operation.

4.2 Grass Collection Bag Assembly

Assemble the grass collection bag by attaching the fabric bag to the frame. Once assembled, lift the rear discharge flap on the mower and hook the grass bag onto the mower's frame. Ensure it is securely attached to prevent grass clippings from escaping.



11-GALLON GRASS COLLECTION BAG

Image: The 11-gallon grass collection bag being installed on the rear of the MZK lawn mower.

4.3 Battery Installation and Charging

Insert the fully charged 40V 4.0Ah batteries into the battery compartments located under the clear cover on top of the mower. Ensure they click into place. To charge the batteries, place them into the dual-port charger and connect the charger to a standard power outlet. The indicator lights on the charger will show the charging status.

MZK

**LONGER RUNTIME
WITH DUAL BATTERIES**

2×4.0AH
Batteries



**UP TO 40
MIN RUNTIME**



Image: Two 40V 4.0Ah batteries ready for insertion into the mower's battery compartment.

4.4 Adjusting Cutting Height

The mower features a 5-position cutting height adjustment lever. Locate the lever on the side of the mower. Move the lever to select your desired cutting height, ranging from 1.4 inches (35mm) to 3 inches (75mm). Adjust the height based on grass type and desired lawn appearance.



5 ADJUSTABLE CUTTING HEIGHTS



35mm



45mm



55mm



65mm



75mm

Image: A close-up view of the 5-position cutting height adjustment lever on the MZK lawn mower, showing different height settings.

5. OPERATION

5.1 Starting the Mower

The MZK lawn mower incorporates a 2-step safety start mechanism to prevent accidental activation. First, press and hold the safety button, then pull the bail switch lever towards the handle. Release the safety button once the motor starts. The motor will stop when the bail switch lever is released.



Image: Hands demonstrating the two-step safety start procedure for the MZK lawn mower.

5.2 Mowing Techniques

For best results, mow in straight, overlapping lines. Avoid cutting more than one-third of the grass blade length at a time. If the grass is very tall, it may be necessary to make two passes, raising the cutting height for the first pass. Maintain a steady pace to ensure an even cut.

5.3 2-in-1 Cutting Options: Mulching and Bagging

Your MZK lawn mower offers two cutting modes: mulching and rear bagging.

- **Rear Bagging:** Attach the grass collection bag as described in Section 4.2. This mode collects clippings for disposal or composting.
- **Mulching:** Remove the grass collection bag and ensure the mulching plug (if included or pre-installed) is in place. This mode finely chops grass clippings and returns them to the lawn as natural fertilizer.



MULCHING

2-IN-1 CUTTING OPTIONS



Image: The MZK lawn mower illustrating both mulching (with plug) and bagging (with collection bag) options.

6. MAINTENANCE

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

6.1 Cleaning the Mower

After each use, disconnect the batteries and clean the mower deck, blade, and wheels. Use a brush or cloth to remove grass clippings and debris. Do not use water directly on electrical components. For stubborn dirt, a damp cloth can be used, followed by drying.

6.2 Blade Care

Periodically inspect the cutting blade for sharpness and damage. A dull or damaged blade can lead to poor cutting performance and strain the motor. If the blade is dull, it can be sharpened by a qualified service technician. If the blade is bent or cracked, it must be replaced with an MZK genuine replacement blade. Always wear heavy-duty gloves when handling the blade.

6.3 Battery Care and Storage

Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Do not store fully discharged batteries; charge them before storage. For long-term storage, charge batteries every 3-6 months to maintain their health. Do not expose batteries to water or fire.

6.4 Grass Bag Cleaning

Empty the grass collection bag regularly. For thorough cleaning, the fabric bag can be rinsed with water and allowed to air dry completely before reattaching or storing.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Mower does not start	Batteries not inserted correctly Batteries discharged Safety button/bail switch not engaged Blade obstructed	Ensure batteries are fully seated Charge batteries fully Engage safety button then pull bail switch Remove obstruction (with batteries removed)
Poor cutting performance	Dull or damaged blade Cutting height too low for grass Mowing wet grass Grass bag overfilled	Sharpen or replace blade Adjust cutting height higher Mow when grass is dry Empty grass bag
Short battery runtime	Batteries not fully charged Mowing thick or wet grass Old or worn batteries	Ensure batteries are fully charged Raise cutting height, mow dry grass Consider replacing batteries
Excessive vibration	Bent or unbalanced blade Loose components	Inspect and replace blade if necessary Check all fasteners and tighten as needed

8. SPECIFICATIONS

Feature	Specification
Brand	MZK
Model Number	ET2602
Power Source	Cordless, DC (Battery Powered)
Motor Type	Brushless
Motor Speed	Up to 3400 RPM
Battery Voltage	40V (2 x 20V)
Battery Capacity	2 x 4.0Ah Lithium-Ion
Cutting Width	16 inches
Cutting Height Adjustment	5 Positions (1.4 inches to 3 inches / 35mm to 75mm)

Feature	Specification
Grass Bag Capacity	11 Gallons (approx. 40 Liters)
Functions	2-in-1 (Mulching, Rear Bagging)
Product Dimensions (Assembled)	30"D x 15"W x 40"H
Weight (approx.)	26 lbs (approximate, based on reviews)

9. WARRANTY AND SUPPORT

MZK products are manufactured to high-quality standards. For warranty information, technical support, or to order replacement parts, please refer to the contact information provided with your purchase documentation or visit the official MZK website. Keep your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

What could cause the MZK ET2602 lawn mower to start and then shut off immediately?

If your MZK ET2602 lawn mower starts and then immediately shuts off, it is likely due to one of the following common issues:Blade Obstruction: The most common cause is grass clippings, twigs, or debris...

[Read full answer](#)

