

## MZK SG1401

# MZK 20V Cordless Tiller Cultivator (Model SG1401) Instruction Manual

## 1. INTRODUCTION

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Thank you for choosing the MZK 20V Cordless Tiller Cultivator. This battery-powered garden tool is designed for efficient soil cultivation, making gardening tasks easier and more enjoyable. Its cordless design offers freedom of movement, eliminating the hassle of tangled cords. The tiller features durable steel tines and an ergonomic design for comfortable use.



*Image: The MZK 20V Cordless Tiller Cultivator, showing its main components including the handle, battery slot, and tines.*

## **2. SAFETY INFORMATION**

Always prioritize safety when operating power tools. Read and understand all instructions before use. Keep hands and feet clear of the tines during operation. Wear appropriate personal protective equipment, including gloves and eye protection. The tiller is equipped with a safety lock mechanism to prevent accidental starting.



*Image: A detailed view of the safety lock button located on the tiller's handle, highlighted for user awareness.*

### 3. PACKAGE CONTENTS

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- MZK 20V Cordless Tiller Cultivator (Model SG1401)
- 2 x 20V 2AH Lithium-Ion Batteries
- Battery Charger
- Adjustable Auxiliary Handle
- Garden Shovel
- Gardening Gloves

**MZK**



*Image: An exploded diagram showing the main parts of the MZK tiller, including the handle, motor unit, tines, battery, and charger.*

## 4. SETUP

1. **Assemble the Shaft:** Connect the upper and lower shaft sections. Ensure the locking mechanism is securely fastened.
2. **Attach Auxiliary Handle:** Position the adjustable auxiliary handle to a comfortable height and tighten the knob to secure it.
3. **Insert Battery:** Slide a fully charged 20V Lithium-Ion battery into the battery slot on the main handle until it clicks into place. Ensure the battery is firmly seated.



*Image: A person adjusting the ergonomic handle of the tiller, demonstrating its continuous adjustment feature for user comfort.*

## 5. OPERATING INSTRUCTIONS

1. **Prepare the Area:** Clear the work area of any large rocks, debris, or obstacles that could damage the tines or impede operation.
2. **Start the Tiller:** Press and hold the safety lock button (red button on the side of the handle) with your thumb, then squeeze the trigger switch with your fingers. The tines will begin to rotate.
3. **Tilling:** Gently guide the tiller over the soil. Allow the tines to penetrate the ground. For harder soil, apply slight downward pressure and move the tiller slowly. The 8-inch wide cultivation path and 360 RPM motor ensure efficient soil turning.
4. **Stop the Tiller:** Release the trigger switch. The tines will stop rotating.

# LONG-LASTING BATTERY PERFORMANCE

Up to 2 x 30 minutes of runtime



**2\*2.0AH**

**2X30 Mins**  
battery life up



**VS**



**2.0AH**

**20 Mins**  
battery life up

*Image: The MZK tiller actively cultivating soil in a garden bed, highlighting its 360 RPM high-performance motor.*

## Official Product Video: MZK Cordless Garden Tiller in Action

Your browser does not support the video tag.

*Video Description: This video demonstrates the MZK Cordless Garden Tiller in use, showing its ease of operation and effectiveness in tilling soil. It highlights the cordless design and the powerful motor's ability to break up compacted earth.*

## 6. MAINTENANCE

- **Cleaning:** After each use, disconnect the battery and clean the tines and housing with a brush to remove soil and debris.
- **Tine Inspection:** Regularly inspect the steel tines for wear or damage. Replace worn or broken tines to maintain optimal performance.
- **Battery Care:** Store batteries in a cool, dry place. Charge batteries fully before long-term storage and recharge every 3-6 months to prolong battery life.

Image: A close-up view of the tiller's 24 steel tines, emphasizing their robust construction for effective soil cultivation.

## 7. TROUBLESHOOTING

- **Tiller Not Starting:** Ensure the battery is fully charged and properly inserted. Check that the safety lock button is pressed before engaging the trigger.
- **Reduced Performance:** Inspect tines for excessive debris or damage. Clean or replace tines as necessary. Ensure the battery is fully charged.
- **Overheating:** If the motor feels excessively hot, stop operation immediately and allow the unit to cool down. Avoid continuous heavy-duty use without breaks.

## 8. SPECIFICATIONS

<b>Brand</b>	MZK
<b>Model Number</b>	SG1401 (also referred to as TC08D01)
<b>Power Source</b>	Battery Powered (20V Lithium-Ion)
<b>Material</b>	Steel Tines
<b>Product Dimensions</b>	14"D x 11.6"W x 30"H
<b>Item Weight</b>	4.74 Kilograms
<b>Tine Width</b>	8 inches
<b>RPM</b>	360 RPM



*Image: A visual comparison illustrating the long-lasting performance of the MZK 20V 2.0Ah battery, offering up to 2 x 30 minutes of runtime.*

## **9. WARRANTY & SUPPORT**

MZK is committed to providing quality products and excellent customer service. For any questions, problems, or warranty inquiries regarding your MZK 20V Cordless Tiller Cultivator, please contact MZK customer support. Refer to the contact information provided in your product packaging or visit the official MZK website for assistance.