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› Patoolio 20V Battery Tiller T40 Instruction Manual

## Patoolio T40

# Patoolio 20V Battery Tiller T40 Instruction Manual

Model: T40 | Brand: Patoolio

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation of your Patoolio 20V Battery Tiller T40. Please read it thoroughly before assembly, operation, or maintenance. Keep this manual for future reference.

## SAFETY INFORMATION

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**Always wear appropriate safety gear, including eye protection, when operating the tiller.** Be cautious of debris thrown by the tines and keep bystanders at a safe distance. Do not operate the tiller in reverse. Allow the tines to come to a complete stop before removing your hands from the controls. Always unplug the power cord before performing any maintenance or cleaning.

- Ensure the work area is clear of obstacles and debris.
- Keep children and pets away from the operating area.
- Do not operate the tiller in wet conditions or on excessively steep slopes.
- Inspect the tiller for any damage before each use.
- Use only original Patoolio replacement parts and accessories.

## WHAT'S IN THE BOX

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Verify that all components are present and undamaged upon unpacking.



**Figure 1: Box Contents Overview**

This image displays the complete set of components for the Patoolio 20V Battery Tiller. It includes the main tiller body, grip handles, middle handle, transport wheels and covers, battery charger, two 20V 4.0Ah battery packs, an assembly kit (screws, washers, handle knobs, quick-release pins, cable clamps), and the user manual.

- Tiller Body (x1)
- Grip Handles (x2)
- Middle Handle (x1)
- Transport Wheels (x2)
- Wheel Covers (x2)
- 20V 4.0Ah Battery Packs (x2)
- Battery Charger (x1)
- Assembly Kit (Screws, Washers, Handle Knobs, Quick-Release Pins, Cable Clamps)
- User Manual (x1)

## SETUP AND ASSEMBLY

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Follow these steps to assemble your Patoolio 20V Battery Tiller.

### 1. Install the Transport Wheels & Covers:

Slide each wheel onto the axle. Insert the quick-release pin through the axle hole and bend it to lock. Press the decorative cover onto the wheel.

### 2. Install the Middle Handle:

Align the holes of the middle handle with the tiller body. Insert the screws with washers and tighten them using the provided handle knobs.



**Figure 2: Handle Assembly**

This image illustrates how to attach a handle component to the main tiller unit using screws and knobs.

**3. Install the Grip Handles:**

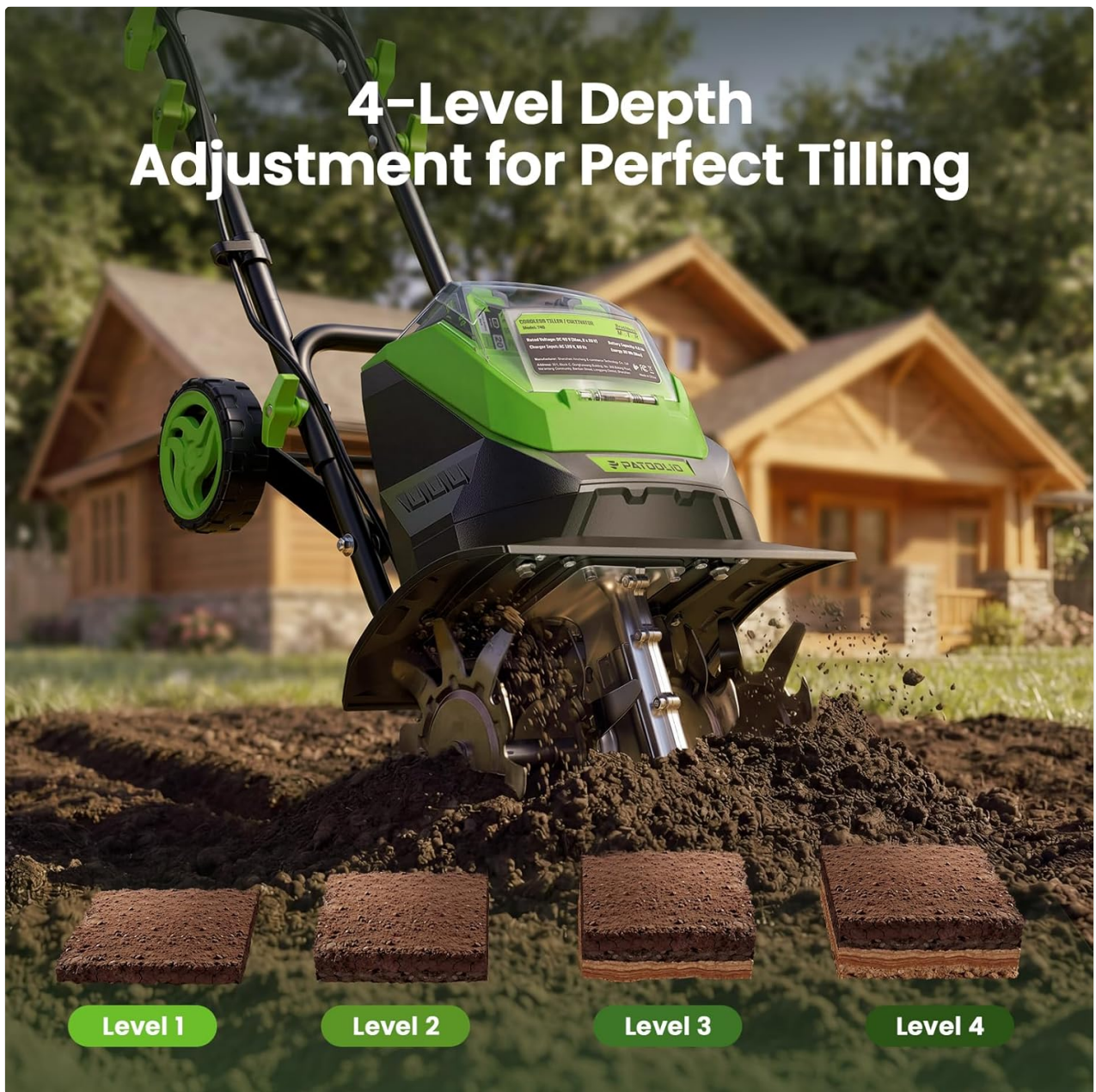
Attach the left and right grip handles to the middle handle. Ensure the holes align, insert screws with washers, and tighten them with the handle knobs.

**4. Secure the Power Cord:**

Fasten the power cord along the handle using the provided cable clamps to prevent it from interfering with operation.

**5. Install Battery Packs & Safety Key:**

Open the battery compartment cover. Insert both 20V 4.0Ah battery packs until they click into place. Insert the safety key, then close the cover.



**Figure 3: Battery Installation**

This image demonstrates inserting the two 20V 4.0Ah battery packs into their designated slots on the tiller.

To remove a battery pack, press the release button on the battery and pull the pack out.

## Assembly Video Guide

Your browser does not support the video tag.

### Video 1: Installation Guide for Cordless Tiller

This video provides a step-by-step visual guide for assembling your Patoolio Cordless Tiller, including attaching handles, wheels, and installing batteries.

## OPERATING INSTRUCTIONS

Before operating, ensure all safety precautions are understood and followed.

### 1. Starting the Tiller:

With the battery packs and safety key installed, press the safety button and then squeeze the trigger switch on the grip handle to start the tines.

# Dual Batteries Work Together

High-torque Performance



**Figure 4: Safety Lock and Trigger Switch**

This image highlights the dual safety system, requiring both the safety button and trigger to be pressed for operation.

## 2. Adjusting Tilling Depth:

The tiller features a 4-position adjustable wheel. Adjust the wheel position to achieve the desired tilling depth for various tasks, from shallow weeding to deep soil turning.



# Your Safety Comes First



Safety Lock



Trigger Switch

**Figure 5: 4-Position Adjustable Wheel**

This image demonstrates the tiller's adjustable wheel, allowing for different tilling depths.

### 3. Tilling Techniques:

Guide the tiller slowly and steadily across the soil. For deeper cultivation, make multiple passes. The 14-inch tilling width and 8.7-inch depth are designed for efficient soil preparation.



**Figure 6: Wide Tilling Coverage**

This image shows the tiller in action, highlighting its 14-inch tilling width and 8.7-inch depth capability.

#### 4. Overload Protection:

The tiller is equipped with intelligent overload protection. If the tines encounter tough conditions like large roots or stones, the motor may temporarily stop to prevent damage. Clear the obstruction and restart the tiller.

### Operation Video Guide

Your browser does not support the video tag.

#### Video 2: 20V Cordless Tiller for Gardening

This video demonstrates the Patoolio 20V Cordless Tiller in various gardening applications, showcasing its ease of movement, powerful tilling, and adjustable depth features.

## MAINTENANCE

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

- **Cleaning:**

After each use, disconnect the battery packs and clean the tines and housing. Remove any accumulated soil, weeds, or debris. Use a damp cloth; do not use water jets or harsh chemicals.

- **Tine Inspection:**

Regularly inspect the steel tines for wear, damage, or bending. Replace worn or damaged tines promptly to maintain tilling efficiency and safety.

- **Battery Care:**

Store battery packs in a cool, dry place away from direct sunlight and extreme temperatures. Charge batteries fully before long-term storage and recharge every 3-6 months to maintain battery health.

- **Storage:**

Store the tiller in a dry, secure location, out of reach of children. Ensure the tiller is clean and dry before storage.

## TROUBLESHOOTING

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Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Tiller does not start.	Battery packs not inserted correctly. Battery packs discharged. Safety key not inserted. Safety button/trigger not pressed correctly.	Ensure batteries are fully seated and clicked into place. Charge battery packs. Insert safety key fully. Press safety button first, then squeeze trigger.
Tiller stops during operation.	Overload protection activated. Battery packs discharged.	Clear any obstructions (roots, stones) from tines. Restart. Charge battery packs.
Poor tilling performance.	Tilling depth set too shallow. Worn or damaged tines.	Adjust tilling depth using the 4-position wheel. Inspect and replace tines if necessary.

## SPECIFICATIONS

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Feature	Detail
Brand	Patoolio
Model Number	T40
Power Source	Battery Powered (20V)
Battery Type	Lithium Ion (2 x 4.0Ah included)
Material	Steel
Item Weight	16.09 Pounds
Product Dimensions	23.23 x 14.17 x 12.99 inches
Tilling Width	14 inches

Feature	Detail
Tilling Depth	8.7 inches
Motor Speed	180 RPM
Tine Count	48 Steel Tines
UPC	769029285682

## WARRANTY AND SUPPORT

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For warranty information, product support, or to purchase replacement parts, please contact Patoolio customer service. Refer to your purchase documentation for specific warranty terms and contact details.

**Customer Service:** Please visit the official Patoolio website or refer to the contact information provided with your product packaging.

