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## Benchmark 16" Cordless Lawn Trimmer - 60 Volt

# Benchmark 16" Cordless Lawn Trimmer - 60 Volt User Manual

Model: 16" Cordless Lawn Trimmer - 60 Volt

## 1. IMPORTANT SAFETY INFORMATION

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Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

### General Safety Warnings:

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

### Battery Tool Use and Care:

- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

## 2. PACKAGE CONTENTS

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Carefully unpack all items and ensure you have received the following:

- Benchmark 16" Cordless Lawn Trimmer (Main Unit)
- 2.5 Ah Battery Pack (with SAMSUNG cells)
- 2.5 A Rapid Charger
- User Manual

If any items are missing or damaged, please contact customer support.

## 3. PRODUCT OVERVIEW

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Familiarize yourself with the components of your Benchmark 16" Cordless Lawn Trimmer.



**Figure 3.1:** Fully assembled Benchmark 16" Cordless Lawn Trimmer. This image shows the complete trimmer from the motor housing and handle down to the cutting head, illustrating its full length and design.



**Figure 3.2:** Close-up view of the trimmer's handle and control area. This image highlights the ergonomic handle, trigger, and auxiliary handle, providing a clearer view of the user interface.



**Figure 3.3:** The 2.5 Ah 60 Volt battery pack.

This image displays the compact, rectangular battery unit with its red top and black body, indicating its power source for the trimmer.



**Figure 3.4:** The 2.5 A rapid battery charger.

This image shows the red and black charging unit designed to quickly recharge the 60 Volt battery pack, featuring indicator lights.

## 4. SETUP

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### 4.1 Assembly

The Benchmark 16" Cordless Lawn Trimmer requires some assembly before first use. Follow these steps:

1. Attach the auxiliary handle to the main shaft. Ensure it is securely fastened at a comfortable position for operation.
2. Connect the upper and lower shaft sections. Listen for a click to confirm they are locked into place.
3. Install the debris guard onto the cutting head. Use the provided fasteners to secure it firmly.

### 4.2 Battery Charging

Before first use, fully charge the 2.5 Ah battery pack.

1. Plug the 2.5 A rapid charger into a standard electrical outlet. The charger's indicator light may illuminate to show it is powered.
2. Slide the 60 Volt battery pack into the charger. Ensure it clicks into place.
3. Monitor the charger's indicator lights. They will typically show charging status (e.g., red for charging, green for fully charged).
4. Once fully charged, remove the battery pack from the charger.

### 4.3 Battery Installation

To install the charged battery pack into the trimmer:

1. Align the battery pack with the battery compartment on the trimmer's motor housing.
2. Slide the battery pack firmly into the compartment until it locks into place. Ensure it is seated securely to prevent it from dislodging during operation.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Starting and Stopping

To start the trimmer, ensure the battery is installed, then press the safety lock-off button (if present) and squeeze the trigger switch. To stop, release the trigger switch.

### 5.2 Speed Control

The trimmer features three variable speeds (4500/5000/5500 RPM) to adapt to different working conditions. Use the speed selector switch to choose the appropriate RPM for your task. Lower speeds are suitable for lighter trimming, while higher speeds provide maximum power for tougher weeds.

### 5.3 Trimming Techniques

- **Cutting Path:** Use a sweeping motion, moving the trimmer head from side to side.
- **Bump Feeding:** This trimmer features a bump feeding mechanism. To advance more line, lightly tap the cutting head on a firm surface while the trimmer is running.
- **Edging:** For precise edging along sidewalks or driveways, tilt the trimmer head to a vertical position.
- **Attachment Acceptable:** This trimmer is designed to accept various attachments (sold separately). Refer to the attachment's manual for specific installation and operation instructions.

## 6. MAINTENANCE

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

### 6.1 Cleaning

- After each use, remove the battery pack.
- Clean the trimmer head and debris guard of any grass clippings, dirt, or debris using a stiff brush or cloth.
- Wipe down the main unit with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure all vents are clear of obstructions to prevent overheating.

## 6.2 Line Replacement

When the trimmer line becomes too short or breaks, it will need to be replaced. Refer to the trimmer head's specific instructions for the correct line diameter and winding method. Always remove the battery before attempting line replacement.

## 6.3 Storage

- Store the trimmer in a dry, secure location, out of reach of children.
- Remove the battery pack from the trimmer before storing for extended periods.
- Store the battery pack in a cool, dry place, away from direct sunlight and extreme temperatures.

# 7. TROUBLESHOOTING

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If you encounter issues with your trimmer, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Trimmer does not start	Battery not charged Battery not properly installed Safety switch not engaged	Charge battery fully Re-install battery securely Ensure safety lock-off button is pressed before trigger
Low power or short run time	Battery not fully charged Battery nearing end of life Overheating	Fully charge battery Consider replacing battery Allow trimmer to cool down; clear vents
Trimmer line not feeding	Line tangled or jammed Incorrect line installation Line too short	Remove battery and clear obstruction Re-spool line correctly Replace trimmer line

# 8. SPECIFICATIONS

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Feature	Specification
Brand	Benchmark

Feature	Specification
Model	16" Cordless Lawn Trimmer - 60 Volt
Power Source	Battery Powered (60 Volt)
Motor Type	Brushless Motor
Cutting Width	16 Inches
Variable Speeds	4500 / 5000 / 5500 RPM
Battery Included	(1) 2.5 Ah battery pack with SAMSUNG cells
Charger Included	(1) 2.5 A rapid charger
Feeding Mechanism	Bump feeding
Item Weight	19.35 Pounds
Package Dimensions	41.4 x 10.9 x 10 inches
Assembly Required	Yes
UPC	822733326338
Manufacturer	BENCHMARK
Country of Origin	Canada

## 9. WARRANTY AND SUPPORT

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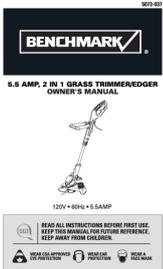
For warranty information, technical support, or to order replacement parts, please contact Benchmark customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Please refer to the product packaging or the official Benchmark website for the most current contact information.



[Benchmark 60V Brushless Lawn Trimmer Owner's Manual | Model 5073-054](#)

Comprehensive owner's manual for the Benchmark 60V MAX 2.5 AH Brushless Lawn Trimmer (Model 5073-054). Includes product specifications, safety warnings, assembly instructions, operation guide, maintenance tips, troubleshooting, parts list, and warranty information for safe and effective use.



[Benchmark 5.5 AMP 2-in-1 Grass Trimmer/Edger Owner's Manual](#)

Comprehensive owner's manual for the Benchmark 5.5 AMP 2-in-1 Grass Trimmer/Edger (Model 5073-037), covering product specifications, safety instructions, assembly, operation, maintenance, troubleshooting, and warranty.



[Benchmark 15 Amp Lawn Mower Owner's Manual](#)

Comprehensive owner's manual for the Benchmark 15 Amp Lawn Mower, covering product specifications, safety instructions, operation, maintenance, troubleshooting, and warranty information.



[Benchmark 163CC 3-in-1 Lawn Mower Owner's Manual](#)

Comprehensive owner's manual for the Benchmark 163CC 3-in-1 Lawn Mower, covering setup, operation, maintenance, troubleshooting, and safety guidelines. Includes product specifications and parts information.



[Benchmark 15 Amp Lawn Mower Owner's Manual \(Model 5125-014\)](#)

Comprehensive owner's manual for the Benchmark 15 Amp Lawn Mower (Model 5125-014), covering safety instructions, operation, maintenance, troubleshooting, and warranty information.

**BENCHMARK**

22" CORDLESS SNOW BLOWER



5 YEAR WARRANTY

READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT. KEEP THIS MANUAL FOR FUTURE REFERENCE. © 2014 Benchmark Power Tools, Inc. BENCH-22-SB-001

[Benchmark 22" Cordless Snow Blower User Manual](#)

Comprehensive user manual for the Benchmark 22" Cordless Snow Blower (Model 5554-514), covering safety instructions, product specifications, assembly, operation, maintenance, and troubleshooting.