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> RYOBI ONE+ 18V 10 in. Cordless String Trimmer/Edger PCLST01B User Manual

RYOBI PCLST01B

RYOBI ONE+ 18V 10 in. Cordless String Trimmer/Edger User Manual

MODEL: PCLST01B

1. Introduction

This manual provides essential instructions for the safe operation, assembly, maintenance, and troubleshooting of your RYOBI ONE+ 18V 10 inch Cordless String Trimmer/Edger, model PCLST01B. Please read and understand all instructions before using the tool.

This product is designed for trimming grass and light weeds in residential settings. It is part of the RYOBI ONE+ 18V system, meaning the battery and charger are sold separately.

**COMES IN
BULK
PACKAGING,
NO RETAIL
PACKAGING**

Image Description: A graphic with large green text clearly indicating that the battery and charger for the tool are sold separately.

2. Important Safety Information

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear Eye Protection:** Always wear safety glasses or goggles with side shields.
- **Wear Appropriate Clothing:** Long pants, sturdy footwear, and gloves are recommended. Do not wear loose clothing or jewelry that could get caught in moving parts.
- **Keep Area Clear:** Ensure bystanders, children, and pets are at a safe distance (at least 50 feet/15 meters) from the operating area.
- **Inspect Work Area:** Remove any objects that could be thrown by the line, such as rocks, broken glass, or wire.
- **Use Correct Battery:** Only use RYOBI ONE+ 18V batteries with this tool.
- **Avoid Wet Conditions:** Do not operate the trimmer in rain or wet conditions.
- **Maintain Good Footing:** Always be sure of your footing on slopes.
- **Disconnect Battery:** Always remove the battery pack before making adjustments, changing accessories, or storing the tool.

3. Product Overview

The RYOBI ONE+ 18V 10 in. Cordless String Trimmer/Edger is designed for ease of use and versatility. Key features include:

- Lightweight design for reduced fatigue.
- Adjustable 8 in. to 10 in. cut swath for varied applications.
- Auto-feed head for easy line advancement without bumping.
- .065 in. line advances with each pull of the trigger.
- Shaft twists for easy conversion to edging mode.
- Comfortable overmold handle for improved grip and control.





Image Description: Front view of the RYOBI ONE+ 18V 10 inch Cordless String Trimmer/Edger, showing the main shaft, handle, and trimmer head.

**BATTERY
&
CHARGER
SOLD
SEPARATELY**

Image Description: Side view of the RYOBI ONE+ 18V 10 inch Cordless String Trimmer/Edger, highlighting the ergonomic handle and the angle of the trimmer head.



Image Description: The string trimmer shown in its edging

configuration, with the shaft rotated to allow vertical cutting.



Image Description: A close-up bottom view of the trimmer head, showing the line exit point and the protective guard.

4. Setup and Assembly

Before first use, some assembly is required. Ensure the battery is removed before beginning assembly.

4.1 Attaching the Guard

1. Align the guard with the trimmer head, ensuring the slots on the guard match the tabs on the trimmer head.
2. Push the guard firmly onto the trimmer head until it clicks into place.
3. Secure the guard with the provided screw using a Phillips head screwdriver.



Image Description: Top view of the black plastic trimmer guard, showing the mounting points and internal structure.



Image Description: Bottom view of the trimmer guard, featuring warning labels and instructions for auto-feed string head operation.

4.2 Battery Installation

1. Ensure the battery pack is fully charged.
2. Align the ribs on the battery pack with the grooves in the tool's battery port.
3. Slide the battery pack into the tool until it latches securely.
4. To remove, press the latch button and pull the battery pack out.

5. Operating Instructions

5.1 Starting and Stopping

- To start the trimmer, depress the lock-out button and then squeeze the trigger switch.
- To stop the trimmer, release the trigger switch.

5.2 Trimming Operation

- Hold the trimmer firmly with both hands.
- Maintain a comfortable distance from the cutting head.
- Swing the trimmer from side to side, keeping the cutting head level with the ground.
- Avoid contact with hard objects, fences, or walls to prevent line breakage.

5.3 Edging Operation

1. Remove the battery pack.
2. Locate the twist collar on the shaft.
3. Rotate the shaft 180 degrees until it locks into the edging position.
4. Reinsert the battery pack.
5. Hold the trimmer with the cutting head perpendicular to the ground.
6. Walk slowly along the edge, guiding the trimmer.

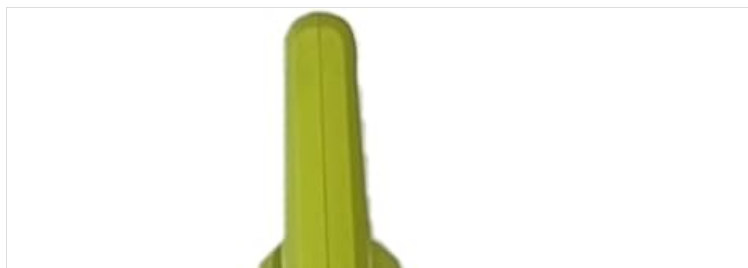






Image Description: The string trimmer configured for edging, demonstrating the shaft's ability to rotate for vertical cutting along pathways or garden beds.

5.4 Line Advancement

This trimmer features an auto-feed head. The .065 inch line will automatically advance with each pull of the trigger, eliminating the need to bump the head.

6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your tool. Always remove the battery pack before performing any maintenance.

6.1 Cleaning

- Clean the tool after each use.
- Wipe the exterior with a damp cloth. Do not use strong detergents or solvents.
- Remove any grass clippings or debris from the guard and trimmer head.
- Ensure ventilation openings are clear of obstructions.

6.2 Line Replacement

While the trimmer has an auto-feed head, the line will eventually need replacement. Refer to the product's full manual or RYOBI's official website for detailed instructions on replacing the .065 inch trimmer line.

6.3 Storage

- Store the tool in a dry, well-ventilated area, out of reach of children.
- Remove the battery pack before storing for extended periods.
- Protect the tool from direct sunlight and extreme temperatures.

7. Troubleshooting

Problem	Possible Cause	Solution
Tool does not start.	Battery not installed correctly or discharged.	Ensure battery is fully seated. Charge battery if necessary.
Line does not advance.	Line is tangled or too short.	Remove battery, inspect and untangle line. Replace line if necessary.
Motor runs but line does not spin.	Trimmer head is jammed with debris.	Remove battery, clear debris from trimmer head.
Reduced cutting performance.	Line is worn or too short.	Advance or replace trimmer line.

If you encounter issues not listed here, or if solutions do not resolve the problem, contact RYOBI customer support.

8. Specifications

Feature	Detail
Brand	RYOBI
Model	PCLST01B
Power Source	Battery Powered (18V ONE+ system)
Cutting Width	Adjustable 8 - 10 Inches
Line Diameter	0.065 Inches
Item Weight	3.3 Pounds (Tool Only)
Color	Ryobi Green

9. Warranty and Support

RYOBI provides a manufacturer's warranty for its products. For specific warranty details, registration, or to locate authorized service centers, please refer to the warranty card included with your product or visit the official RYOBI website.

For technical assistance or customer support, please contact RYOBI directly through their official channels.

Official RYOBI Website: www.ryobitools.com