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RYOBI 40-Volt Lithium-Ion Cordless 12inch String Trimmer

RYOBI 40-Volt Lithium-Ion Cordless 12-inch String Trimmer User Manual

Model: 40-Volt Lithium-Ion Cordless 12inch String Trimmer

Product Overview

The RYOBI 40-Volt Lithium-Ion Cordless 12-inch String Trimmer is designed for efficient and convenient lawn care. This tool offers powerful performance for trimming grass and weeds, combining cordless freedom with robust battery technology. It features an auto-feed string head for continuous operation and an adjustable cutting width for versatility.


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Figure 1: The RYOBI 40-Volt Lithium-Ion Cordless 12-inch String Trimmer. This image displays the complete string trimmer, showcasing its main components including the motor housing, shaft, auxiliary handle, and trimmer head with guard.

Important Safety Information

Always read and understand all instructions before operating this product. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

General Safety Rules

- **Wear Eye Protection:** Always wear eye protection with side shields marked to comply with ANSI Z87.1.
- **Wear Proper Apparel:** Do not wear loose clothing or jewelry. They can be caught in moving parts. Use heavy-duty gloves when operating.
- **Keep Area Clear:** Keep children, bystanders, and animals at least 50 feet (15 meters) away from the operating area.
- **Avoid Dangerous Environment:** Do not use in damp or wet locations. Do not use in rain.
- **Stay Alert:** Watch what you are doing and use common sense when operating a power tool.
- **Secure Work Area:** Before starting, clear the area of debris, rocks, and other objects that could be thrown by the cutting line.

Specific Safety Rules for String Trimmers

- **Inspect Before Use:** Check for damaged parts. Ensure all guards and handles are properly attached.
- **Use Correct Line:** Only use 0.080 in. twisted line as specified for this model. Using incorrect line can cause injury or damage.
- **Maintain Balance:** Keep proper footing and balance at all times. Do not overreach.
- **Avoid Contact:** Keep hands and feet away from the cutting area.
- **Battery Safety:** Use only RYOBI 40V batteries. Do not charge batteries in damp or wet locations.

Setup and Assembly

This string trimmer requires some assembly before first use. Follow these steps carefully.

1. Attaching the Auxiliary Handle

1. Loosen the wing nut on the auxiliary handle.
2. Slide the auxiliary handle onto the trimmer shaft to a comfortable operating position.
3. Tighten the wing nut securely to prevent the handle from rotating during use.

2. Attaching the Guard

1. Align the guard with the mounting holes on the trimmer head.
2. Secure the guard using the provided screws. Ensure it is firmly attached to protect against debris.

3. Battery Installation and Charging

- Ensure the battery is fully charged before first use. (Battery and Charger NOT Included with tool only model).
- To install the battery, slide it into the battery port on the trimmer until it clicks into place.
- To remove, press the battery release latch and pull the battery out.

4. Adjusting Cutting Width

The cutting width can be adjusted from 11 inches to 13 inches for optimal cutting control and run time. Refer to the trimmer head for adjustment instructions, typically involving rotating or repositioning a blade on the guard.

Operating Instructions

Proper operation ensures safety and efficiency.

Starting and Stopping the Trimmer

- **To Start:** Ensure the battery is installed. Press the safety lock-out button and then squeeze the variable speed trigger.
- **To Stop:** Release the variable speed trigger. The cutting line will stop spinning.

Trimming Techniques

- **Sweeping Motion:** Use a side-to-side sweeping motion to cut grass.
- **Edging:** Tilt the trimmer head to a vertical position for edging along sidewalks and driveways.
- **Cutting Line:** The trimmer uses 0.080 in. twisted line (pre-installed).

Auto-Feed String Head

This trimmer features an auto-feed string head that advances line with the pull of the trigger. This eliminates the need to tap the head on the ground to feed more line, providing continuous cutting.

Maintenance

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

Cleaning

- Disconnect the battery before cleaning.
- Clean the trimmer head and guard regularly to remove grass clippings and debris. Use a damp cloth and mild soap.
- Ensure ventilation openings are clear of obstructions to prevent overheating.

Replacing the Cutting Line

When the pre-installed line runs out, replace it with RYOBI auto-feed spools or bulk 0.080 in. twisted line.

1. Ensure the battery is removed.
2. Refer to the trimmer head instructions for specific line replacement procedures. Most auto-feed heads allow for quick and easy reloading without disassembly.
3. Feed the new line through the designated holes until an equal amount protrudes from both sides.

Storage

- Remove the battery before storing.
- Store the trimmer in a dry, secure location out of reach of children.
- Avoid storing in direct sunlight or extreme temperatures.

Troubleshooting

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

Problem	Possible Cause	Solution
Trimmer does not start	Battery not installed correctly or not charged.	Ensure battery is fully charged and properly seated.
Cutting line does not advance	Line is tangled or too short. Incorrect line type.	Replace line with 0.080 in. twisted line. Clear any tangles.

Problem	Possible Cause	Solution
Reduced cutting performance	Dull or worn cutting line. Excessive debris in head.	Replace cutting line. Clean trimmer head and guard.
Motor overheats	Blocked ventilation slots. Continuous heavy use.	Clear ventilation slots. Allow tool to cool down. Avoid prolonged heavy loads.

Specifications

Brand: RYOBI

Power Source: Battery Powered (40-Volt Lithium-Ion)

Color: Multicolor

Cutting Width: 11 in. to 13 in. adjustable

Assembly Required: Yes

Style: Cordless

Number of Items: 1 (Tool ONLY)

UPC: 728370633566

Package Dimensions: 33.3 x 11 x 7.5 inches

Item Weight: 5.09 pounds

Manufacturer: Ryobi

ASIN: B09X6HX7W8

Compatible Line: 0.080 in. twisted line

Warranty and Support

For warranty information, technical support, or to purchase replacement parts, please visit the official RYOBI website or contact their customer service. Keep your purchase receipt for warranty claims.
For further assistance, you may refer to the product's official support page or contact the manufacturer directly. Always ensure you are using genuine RYOBI parts and accessories for optimal performance and safety.

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.

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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.

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