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> [Greenworks 24V Cordless Shear Shrubber Instruction Manual \(Model SH24B1510\)](#)

Greenworks SH24B1510

Greenworks 24V Cordless Shear Shrubber

MODEL: SH24B1510

Instruction Manual

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1. INTRODUCTION

The Greenworks 24V Cordless Shear Shrubber is a versatile 2-in-1 tool designed for precision trimming and edging in your garden. Powered by a 24V lithium-ion battery, it offers cordless convenience and efficient performance for various landscaping tasks. This manual provides essential information for safe operation, proper maintenance, and optimal use of your shear shrubber.

Key Features:

- **2-in-1 Functionality:** Easily switch between grass shear and shrubber blades for multi-purpose use.
- **Cordless Operation:** Powered by the Greenworks 24V lithium-ion battery platform, offering freedom of movement.
- **Tool-less Blade Change:** Quick and easy blade changes without the need for additional tools.
- **Ergonomic Design:** Lightweight and comfortable grip for extended use, reducing fatigue.
- **Dual Action Blades:** Ensures clean and efficient cutting of grass, leaves, and twigs.
- **USB Battery Port:** The 1.5Ah USB battery can also charge portable electronic devices.



Image 1.1: The Greenworks 24V Cordless Shear Shrubber highlighting its ergonomic overmolded grip, low vibration, 5.91-inch grass shear blades, and 7.87-inch shrub shear blades.

2. SAFETY INFORMATION

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:** Cluttered or dark areas invite accidents.
- **Avoid Dangerous Environments:** Do not use power tools in damp or wet locations, or expose them to rain. Keep work area well lit.
- **Keep Children Away:** All visitors should be kept at a safe distance from the work area.
- **Dress Properly:** Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of rubber gloves and substantial footwear is recommended when working outdoors. Wear protective hair covering to contain long

hair.

- **Use Safety Glasses:** Always use safety glasses with side shields.
- **Do Not Overreach:** Keep proper footing and balance at all times.
- **Maintain Tools With Care:** Keep cutting edges sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
- **Remove Adjusting Keys and Wrenches:** Always check that adjusting keys and wrenches are removed from the tool before turning it on.
- **Avoid Accidental Starting:** Ensure the switch is in the OFF position before inserting the battery pack.

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.

3. PACKAGE CONTENTS

Verify that all items are included in your package before discarding packaging materials. If any parts are missing or damaged, please contact Greenworks customer service.

- Greenworks 24V Cordless Shear Shrubber Unit
- 1.5Ah USB Battery
- Battery Charger
- Grass Shear Blade (pre-installed or separate)
- Shrubber Blade
- Blade Cover
- Instruction Manual



Image 3.1: The Greenworks 24V Cordless Shear Shrubber, including the main unit, grass shear blade, shrubber blade, 1.5Ah USB battery, and charger.

4. SETUP

4.1 Charging the Battery

1. Connect the charger to a standard electrical outlet.
2. Slide the 24V 1.5Ah USB battery into the charger. Ensure it clicks into place.
3. The indicator lights on the battery and/or charger will show the charging status. A full charge is indicated when all lights are solid green.
4. Once fully charged, disconnect the charger from the outlet and remove the battery.

**NO GAS. NO OIL.
NO EMISSIONS.**

**SUSTAINABLE
SOLUTIONS
FOR A GREENER
TOMORROW**



Image 4.1: A hand demonstrating the easy insertion of the Greenworks 24V battery into the tool's handle.

4.2 Installing/Changing Blades

The Greenworks 24V Shear Shrubber features a tool-less blade change system for convenience.

1. **Ensure Safety:** Always remove the battery pack from the tool before changing blades to prevent accidental startup.
2. **Remove Current Blade (if applicable):** Locate the two release buttons on either side of the blade housing. Press these buttons simultaneously and pivot the blade away from the main unit. Gently pull the blade off.
3. **Install New Blade:** Align the new blade (either grass shear or shrubber) with the drive shaft on the tool. Insert the rear part of the blade first at an angle, then press the blade firmly into place until it clicks. Ensure both release buttons pop out, indicating the blade is securely locked.
4. **Verify Installation:** Gently tug on the blade to ensure it is securely attached and does not wobble.



Image 4.2: A close-up view illustrating the tool-free blade change mechanism, showing how to detach and attach blades easily.

5. OPERATING INSTRUCTIONS

5.1 Starting and Stopping the Tool

1. **Insert Battery:** Slide a fully charged 24V battery pack into the tool's handle until it clicks securely.
2. **Start:** To start the tool, press and hold the safety switch (located on either side of the handle, depending on your grip) with your thumb, then squeeze the trigger switch.
3. **Stop:** Release the trigger switch to stop the tool. The blades will stop moving.

5.2 Using the Grass Shear Blade

The grass shear blade is ideal for trimming grass in small areas, around obstacles, or for precision edging.

- **Application:** Use for trimming grass along walkways, flower beds, or in tight spaces where a lawnmower cannot reach.
- **Technique:** Hold the tool with the grass shear blade parallel to the ground. Move the tool slowly and steadily along the desired cutting line.



Image 5.1: The Greenworks 24V Cordless Shear Shrubber in action, demonstrating its use with the grass shear blade for precise trimming.

5.3 Using the Shrubber Blade

The shrubber blade is designed for shaping and trimming ornamental shrubs and bushes.

- **Application:** Perfect for detailed trimming, shaping hedges, and pruning small branches.
- **Technique:** Hold the tool with the shrubber blade at the desired angle for trimming. Move the tool smoothly across the shrub, ensuring even cuts. Avoid cutting branches thicker than the recommended cutting capacity.



Image 5.2: The Greenworks 24V Cordless Shear Shrubber being used with the shrubber blade to trim and shape a bush, demonstrating its powerful 1,400 SPM cutting speed.



Image 5.3: A detailed view of the 7.87-inch dual-action steel shrubber blade efficiently cutting a small branch, highlighting its 0.7-inch cutting capacity.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Greenworks Shear Shrubber.

6.1 Cleaning

- **After Each Use:** Remove the battery pack. Use a stiff brush or cloth to remove debris, sap, and grass clippings from the blades and tool housing.
- **Blades:** Clean the blades thoroughly. For stubborn sap, use a mild solvent or blade cleaner.
- **Ventilation Openings:** Keep the ventilation openings free of obstructions to prevent overheating.

6.2 Blade Care

- **Lubrication:** Apply a light machine oil or blade lubricant to the blades before and after each use to reduce friction and prevent rust.
- **Sharpening:** If the blades become dull, they can be sharpened by a qualified service technician or replaced. Dull blades can strain the motor and reduce cutting efficiency.
- **Storage:** Always store the blades with their protective covers when not in use to prevent injury and damage.

6.3 Storage

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

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Tool does not start	Battery not inserted correctly Battery not charged Safety switch not engaged Trigger switch not pressed	Ensure battery is fully inserted and clicks Charge the battery fully Press and hold the safety switch Press the trigger switch while holding the safety switch
Reduced cutting performance	Dull blades Blades clogged with debris Cutting material too thick	Sharpen or replace blades Clean blades thoroughly Do not attempt to cut material exceeding recommended capacity
Tool stops during operation	Battery low Overload protection activated Blades jammed	Recharge battery Release trigger, wait a few seconds, then restart. Reduce load. Remove battery, clear any jammed material from blades.
Excessive vibration or noise	Loose blade Damaged blade Internal issue	Ensure blade is securely locked Inspect blade for damage, replace if necessary Contact customer service

8. SPECIFICATIONS

Feature	Detail
Brand	Greenworks
Model Number	SH24B1510
Power Source	Battery Powered
Voltage	24 Volts
Battery Type	Lithium Ion (1.5Ah included)
Item Weight	3.5 Pounds
Product Dimensions	13.19"L x 6.3"W x 6.22"H
Blade Material	Alloy Steel
Grass Shear Blade Length	5.91 Inches (approx. 6 Inches cutting width)
Shrubber Blade Length	8.5 Inches (approx. 7.87 Inches effective length)
Max Cutting Capacity (Shrubber)	0.7 Inches (approx.)
Strokes Per Minute (SPM)	Up to 2,500 SPM

9. WARRANTY & SUPPORT

9.1 Warranty Information

Greenworks offers a **3-Year Product Warranty** and a **3-Year Battery Warranty** for this product. Please refer to the warranty card included in your package or visit the official Greenworks website for full details on warranty coverage and terms.

9.2 Customer Support

For technical assistance, replacement parts, or any questions regarding your Greenworks 24V Cordless Shear Shrubber, please contact Greenworks customer service. Contact information can typically be found on the Greenworks website or on the product packaging.

