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> Greenworks 82V 24" Brushless Cordless Fixed Mid Pole Hedge Trimmer User Manual

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Model: Greenworks 82V

1. INTRODUCTION

Thank you for choosing the Greenworks 82V 24" Brushless Cordless Fixed Mid Pole Hedge Trimmer. This manual provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before initial use and keep it for future reference. Understanding and following these instructions will ensure optimal performance and extend the life of your hedge trimmer.



Image 1.1: The Greenworks 82V 24-inch Brushless Cordless Fixed Mid Pole Hedge Trimmer. This image displays the complete hedge trimmer unit, highlighting its extended pole design and blade.

2. SAFETY INFORMATION

Operating any power tool requires adherence to strict safety guidelines to prevent injury. Always prioritize your safety and the safety of others.

General Safety Rules:

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses or goggles, hearing protection, heavy-duty gloves, and sturdy footwear.
- **Keep Area Clear:** Ensure bystanders, children, and pets are at a safe distance (at least 50 feet/15 meters) from

the operating area.

- **Inspect Before Use:** Check for damaged parts, loose fasteners, or any other condition that may affect safe operation. Do not use if damaged.
- **Avoid Dangerous Environments:** Do not use the hedge trimmer in wet conditions or in the presence of flammable liquids or gases.
- **Secure Grip:** Always hold the tool firmly with both hands during operation.
- **Battery Safety:** Use only Greenworks 82V batteries and chargers. Do not expose batteries to water, heat, or direct sunlight.

Specific Hedge Trimmer Safety:

- **Sharp Blades:** The blades are very sharp. Handle with extreme care. Never touch the blades while the tool is running.
- **Disconnect Power:** Always remove the battery pack before cleaning, servicing, or transporting the tool.
- **Overhead Lines:** Be aware of overhead power lines. Maintain a safe distance from all electrical wires.
- **Stable Footing:** Ensure stable footing and balance, especially when working on ladders or elevated platforms.

3. PRODUCT OVERVIEW

The Greenworks 82V Fixed Mid Pole Hedge Trimmer is designed for efficient trimming of hedges and shrubs. It features a powerful brushless motor and durable laser-cut blades.

Components:

- Hedge Trimmer Head with 24" Laser-Cut Blades
- Mid Pole Extension
- Rear Handle with Trigger and Safety Lock-out
- Battery Compartment
- Greenworks 82V Battery (sold separately or included in bundle)
- Greenworks 82V Charger (sold separately or included in bundle)



Image 3.1: Internal view of the brushless motor. This diagram illustrates the advanced brushless motor technology that provides more power, longer runtime, and higher efficiency compared to brushed motors.

4. ASSEMBLY AND SETUP

4.1 Charging the Battery:

1. Connect the charger to a standard power outlet.
2. Slide the 82V battery pack onto the charger until it clicks into place.
3. The charger indicator light will show the charging status. Refer to the charger manual for specific light patterns.
4. Once fully charged, remove the battery from the charger.

4.2 Installing the Battery:

1. Ensure the hedge trimmer is turned off and the trigger is disengaged.
2. Align the battery pack with the battery compartment on the tool's handle.

3. Slide the battery into the compartment until it locks securely into place. Ensure it is fully seated to prevent accidental dislodgement during operation.

4.3 Removing the Battery:

1. Press and hold the battery release button, typically located on the battery pack.
2. Slide the battery pack out of the tool's compartment.

5. OPERATION

Before operating, ensure you have read and understood all safety instructions and that the battery is fully charged and securely installed.

5.1 Starting the Hedge Trimmer:

1. Hold the hedge trimmer firmly with both hands.
2. Engage the safety lock-out button (usually located near the trigger).
3. Squeeze the trigger to start the motor. Release the safety lock-out button once the motor is running.

5.2 Stopping the Hedge Trimmer:

- Release the trigger. The blades will stop moving.
- Always remove the battery pack when not in use or before performing any adjustments or maintenance.

5.3 Trimming Techniques:

- **Cutting Capacity:** The trimmer is designed for branches up to 1.2 inches (30 mm) in diameter. Do not force the blades through thicker material.
- **Sweeping Motion:** Use a smooth, sweeping motion to cut through hedges. For vertical cuts, swing the trimmer in an arc. For horizontal cuts, hold the trimmer level and move it along the top of the hedge.
- **Maintain Distance:** Keep the pole extended to maintain a safe distance from the cutting blades, especially when trimming higher areas.
- **Avoid Obstacles:** Be aware of fences, wires, or other hard objects that could damage the blades.

The image shows a promotional graphic for the Greenworks 82V Pole Hedge Trimmer. On the left, a dark grey panel contains the brand name 'greenworks 82V' in green and white, followed by '24" Pole Hedge Trimmer' and 'Battery and Charger Sold Separately'. Below this, three performance metrics are listed: 'TRIM UP TO 125 MIN* On a Single Charge', 'SPEED UP TO 4,300 SPM Powerful Cutting', and 'RECHARGE 30 MIN* *With 2.5 Ah Battery and 8-Amp Charger'. On the right, a photograph shows a hand holding the trimmer's handle, cutting through a green hedge. The trimmer has a red pole and black blades.

Image 5.1: A Greenworks 82V pole hedge trimmer actively trimming a hedge. This image demonstrates the tool's effectiveness in cutting foliage, highlighting its 4,300 SPM speed and 30-minute recharge time with a 2.5 Ah battery.

TRIM WITH EASE

1.2" CUT CAPACITY



Image 5.2: A user operating the hedge trimmer, demonstrating its 1.2-inch cutting capacity. The image shows the trimmer's ability to handle thicker branches with ease.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your hedge trimmer. Always remove the battery before performing any maintenance.

6.1 Blade Care:

- **Cleaning:** After each use, clean the blades with a stiff brush to remove sap, leaves, and debris. Use a resin cleaner if necessary.
- **Lubrication:** Apply a light machine oil or blade lubricant to the blades after cleaning to prevent rust and ensure smooth operation.
- **Sharpening:** If the blades become dull or damaged, they can be sharpened by a qualified service technician or replaced. Refer to the Greenworks service center for assistance.

EXTREME CUTTING PERFORMANCE

24" DUAL-ACTION
STEEL BLADES



Image 6.1: A close-up view of the 24-inch dual-action steel blades. This image highlights the precision and durability of the cutting mechanism, emphasizing the need for regular cleaning and lubrication.

6.2 Storage:

- Store the hedge trimmer in a dry, secure location, out of reach of children.
- Ensure the blade cover is in place to prevent accidental contact with the blades.

- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your hedge trimmer.

Problem	Possible Cause	Solution
Trimmer does not start	Battery not charged Battery not properly installed Safety lock-out not engaged Damaged battery or tool	Charge battery Reinstall battery securely Engage safety lock-out before pressing trigger Contact Greenworks service
Reduced cutting performance	Dull blades Blades clogged with debris Cutting material too thick	Sharpen or replace blades Clean blades thoroughly (with battery removed) Do not force the tool; cut smaller sections
Excessive vibration	Loose components Damaged blades	Check all fasteners and tighten Inspect blades for damage; replace if necessary

If you encounter issues not listed here or if the problem persists after attempting the solutions, please contact Greenworks customer support.

8. SPECIFICATIONS

Key technical specifications for the Greenworks 82V 24" Brushless Cordless Fixed Mid Pole Hedge Trimmer:

- **Brand:** Greenworks
- **Model Number:** Greenworks 82V
- **Power Source:** Battery Powered (82V)
- **Blade Material:** High Carbon Steel
- **Cutting Width:** 24 Inches
- **Cutting Capacity:** 1.2 Inches
- **Motor Type:** Brushless

9. WARRANTY AND SUPPORT

Greenworks products are manufactured to high-quality standards and are backed by a limited warranty. For specific warranty details, including duration and coverage, please refer to the warranty card included with your product or visit the official Greenworks website.

For technical assistance, replacement parts, or service inquiries, please contact Greenworks customer support. Have your product model number and purchase date available when contacting support.

Greenworks Customer Support: Refer to your product packaging or the Greenworks official website for current contact information.