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RYOBI 5133003643 RHT5655RS

Ryobi 5133003643 RHT5655RS Electric Hedge Trimmer User Manual

Model: 5133003643 RHT5655RS

1. Introduction

This manual provides essential information for the safe and effective operation, maintenance, and care of your Ryobi 5133003643 RHT5655RS Electric Hedge Trimmer. Please read these instructions thoroughly before using the product and retain them for future reference. Proper use and maintenance will ensure optimal performance and extend the life of your tool.

2. General Safety Information

WARNING: Read 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.

- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Keep children and bystanders away while operating a power tool.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, hearing protection, and heavy-duty gloves when operating the hedge trimmer. Dress properly; do not wear loose clothing or jewelry. Secure long hair. Stay alert, watch what you are doing, and use common sense.
- **Hedge Trimmer Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Store idle power tools out of the reach of children.
- **Maintenance:** Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the power tool's operation.

3. Product Overview

The Ryobi 5133003643 RHT5655RS is an electric hedge trimmer designed for efficient hedge and shrub maintenance. It features a powerful 550 Watt motor and a 55 cm blade length for effective cutting.



Figure 1: The Ryobi 5133003643 RHT5655RS Electric Hedge Trimmer, showcasing its long blade and ergonomic handle.

Key Components:

- **Blade:** Dual-action cutting blades, 55 cm in length, made from alloy steel.
- **Front Handle:** Provides a secure grip for control during operation.
- **Rear Handle with Trigger Switch:** Main operating handle with power activation.
- **Hand Guard:** Protects the user's hand from debris and the cutting blade.
- **Power Cord:** Connects the trimmer to an electrical outlet.


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Figure 2: Front view of the hedge trimmer, highlighting the blade and hand guard.


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Figure 3: Side view of the hedge trimmer, showing the motor housing and handle design.

4. Setup

1. **Unpacking:** Carefully remove the hedge trimmer and all accessories from the packaging. Inspect for any damage that may have occurred during shipping. Do not use the tool if it appears damaged.
2. **Assembly (if required):** This model typically comes pre-assembled. If any components require attachment (e.g., hand guard), refer to the diagrams in the packaging for specific instructions. Ensure all fasteners are securely tightened.
3. **Power Connection:** Ensure the power cord is free from cuts or damage. Connect the trimmer to a suitable power outlet (230V AC, 50Hz) using an appropriate outdoor-rated extension cord if necessary. Always use a Residual Current Device (RCD) for added safety when working outdoors.
4. **Pre-Operation Check:** Before each use, check that the blades are clean and free from debris. Ensure all handles are securely attached and that the hand guard is in place.

5. Operating Instructions

Starting and Stopping:

- To start the hedge trimmer, ensure both hands are firmly gripping the front and rear handles. Press and hold the safety switch (if present) and then squeeze the trigger switch.
- To stop the hedge trimmer, release the trigger switch. The blades will stop quickly.
- *Note: Some users have reported a slight delay (approximately 2 seconds) between activating the switch and the blades starting. This can be a characteristic of the tool.*

Cutting Techniques:

Always maintain a firm grip with both hands. Stand on a stable surface and ensure your footing is secure. Plan your cutting path to avoid cutting the power cord.

- **Horizontal Cutting:** For the top of hedges, hold the trimmer with the blade slightly angled (5-10 degrees) towards the hedge. Use a wide, sweeping motion, moving from one end to the other.
- **Vertical Cutting:** For the sides of hedges, hold the trimmer vertically. Start at the bottom and sweep upwards, or start at the top and sweep downwards, depending on your comfort and the hedge's density.
- **Avoid Overreaching:** Do not overreach or cut above shoulder height. Use a stable ladder if necessary, ensuring it is placed on firm, level ground.
- **Clear Obstacles:** Before cutting, check the hedge for any foreign objects such as wires, fences, or hidden branches that could damage the blades or cause kickback.

Figure 4: A person demonstrating the use of the Ryobi hedge trimmer for trimming a hedge, emphasizing proper posture and grip.



Figure 5: A man wearing safety glasses and gloves while trimming a hedge with the Ryobi hedge trimmer, illustrating safe operation.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your hedge trimmer. Always disconnect the power plug from the mains before performing any maintenance or cleaning.

1. **Blade Cleaning:** After each use, clean the blades with a stiff brush to remove sap, leaves, and debris. Apply a light machine oil or blade lubricant to prevent rust and ensure smooth operation.
2. **Blade Sharpening:** If the blades become dull, they can be sharpened by a qualified service technician or using a fine-toothed file, following the original bevel angle. Ensure the tool is unplugged and blades are secured before sharpening.
3. **Housing Cleaning:** Wipe the exterior of the tool with a damp cloth. Do not use strong detergents or solvents. Keep ventilation openings clear of debris.
4. **Cord Inspection:** Regularly inspect the power cord for any signs of damage, cuts, or fraying. If damaged, have it replaced by a qualified electrician.
5. **Storage:** Store the hedge trimmer in a dry, secure place, out of reach of children. Use the blade sheath (if provided) to

cover the blades during storage.

7. Troubleshooting

Problem	Possible Cause	Solution
Hedge trimmer does not start.	No power supply; damaged cord; faulty switch.	Check power connection and outlet. Inspect power cord for damage. If cord or switch is faulty, seek professional repair.
Blades do not cut efficiently.	Dull blades; blades clogged with debris.	Clean blades thoroughly. Sharpen blades or have them professionally sharpened.
Tool starts with a delay (approx. 2 seconds).	Normal operational characteristic for some models.	This is often a normal function. If the delay becomes excessive or inconsistent, contact customer support.
Excessive vibration or noise.	Loose parts; damaged blades; motor issue.	Stop operation immediately. Check for loose screws or damaged blades. If the issue persists, seek professional inspection.

8. Specifications

Feature	Detail
Brand	RYOBI
Model Number	5133003643 RHT5655RS
Power	550 Watts
Blade Length	55 Centimeters
Cutting Width	55 Centimeters
Material	Alloy Steel (Blade)
Item Weight	4.5 Kilograms
Color	Hellgrün; Schwarz (Green; Black)
ASIN	B07H92LRS2

9. Warranty and Support

For warranty information, please refer to the documentation included with your purchase or contact Ryobi customer service directly. Spare parts for this model are indicated to be available for up to 5 years from the date of manufacture.
If you encounter any issues not covered in this manual or require further assistance, please contact Ryobi customer support through their official website or the retailer where the product was purchased.

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