RYOBI P2900B

RYOBI P2900B ONE+ 18-Volt Cordless Grass Shear and Shrubber Instruction Manual

Model: P2900B

Product Overview

The RYOBI P2900B ONE+ 18-Volt Cordless Grass Shear and Shrubber is a versatile tool designed for maintaining grass edges and small shrubs. It features an interchangeable blade system, allowing users to switch between a grass shear blade and a shrubber blade quickly and easily. This tool is part of the RYOBI ONE+ system, meaning it operates with any RYOBI ONE+ 18-Volt battery (battery and charger sold separately).



Figure 1: RYOBI P2900B main unit with both grass shear and shrubber blades. The tool is designed for easy blade interchangeability.

Important 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.

- **Work Area Safety:** Keep work area clean and well lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. Always wear eye protection and hearing protection.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Do not use the power tool if the switch does not turn it on and off. Disconnect the battery pack from the power tool before making

any adjustments, changing accessories, or storing power tools.

- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Setup and Assembly

Attaching and Detaching Blades

The RYOBI P2900B allows for easy interchangeability between the grass shear blade and the shrubber blade. Ensure the tool is turned off and the battery pack is removed before performing any blade changes.

1. **To Remove a Blade:** Locate the blade release button or lever on the tool. Press or activate it while gently pulling the blade away from the tool. The blade should detach with minimal effort.
2. **To Attach a Blade:** Align the new blade with the tool's attachment mechanism. Push the blade firmly into place until it clicks, indicating it is securely locked. Gently pull on the blade to ensure it is properly seated and will not come loose during operation.



Figure 2: The RYOBI P2900B with the grass shear blade attached. This blade is ideal for precise trimming of grass edges and small areas.



Figure 3: The RYOBI P2900B with the shrubber blade attached. This longer blade is suitable for shaping and trimming small hedges and shrubs.

Inserting and Removing Battery

This tool requires a RYOBI ONE+ 18-Volt Lithium-Ion battery (not included). Ensure the battery is fully charged before use.

- **To Insert Battery:** Align the battery pack with the battery port on the tool. Slide the battery into the port until it clicks into place.
- **To Remove Battery:** Press the battery release latch (if present) and slide the battery pack out of the tool.

Operating Instructions

Before operating, ensure the correct blade is securely attached and the battery is fully charged and inserted.

Starting and Stopping the Tool

- **To Start:** Press and hold the safety lock-out button (if applicable), then squeeze the trigger switch.
- **To Stop:** Release the trigger switch.

Using the Grass Shear Blade

The grass shear blade is designed for precise trimming of grass around flowerbeds, walkways, and other areas where a lawnmower cannot reach. Hold the tool firmly and guide the blade along the desired cutting line. For best results, move the tool at a steady pace.



Figure 4: Operating the RYOBI P2900B as a grass shear. The compact design allows for easy maneuverability in tight spaces.

Using the Shrubber Blade

The shrubber blade is suitable for shaping and trimming small hedges, bushes, and ornamental plants. The tool has a cut capacity of 5/16 inches. Avoid attempting to cut branches thicker than this capacity to prevent damage to the tool and

ensure user safety. Use a smooth, sweeping motion to achieve an even cut.



Figure 5: Operating the RYOBI P2900B as a shrubber. The lightweight design reduces fatigue during extended use.

Maintenance

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

- **Blade Cleaning:** After each use, clean the blades of any sap, debris, or plant residue. A stiff brush and a mild detergent solution can be used. Ensure blades are thoroughly dried to prevent rust.
- **Blade Lubrication:** Apply a light coat of machine oil or blade lubricant to the blades periodically, especially after cleaning, to reduce friction and prevent rust.
- **Blade Sharpening:** Over time, blades may become dull, affecting cutting performance. Sharpening should be done by a qualified service technician or with appropriate sharpening tools, following manufacturer guidelines. *Note: Some users have reported blades may require initial sharpening for optimal performance.*
- **General Cleaning:** Wipe down the tool's housing with a damp cloth. Do not use strong solvents or abrasive cleaners. Keep ventilation openings clear of debris.
- **Storage:** Store the tool in a dry, secure location out of reach of children. If storing for extended periods, remove the battery pack.

Troubleshooting

This section provides solutions to common issues you might encounter with your RYOBI P2900B.

Problem	Possible Cause	Solution
Tool does not start.	Battery not inserted correctly or not charged. Safety lock-out not engaged.	Ensure battery is fully charged and properly seated. Press the safety lock-out button before squeezing the trigger.
Poor cutting performance.	Blades are dull or dirty. Material being cut is too thick.	Clean and lubricate blades. Sharpen blades if necessary (refer to Maintenance). Do not attempt to cut material thicker than 5/16 inches.
Tool stops during operation.	Battery is depleted. Overload protection activated.	Recharge the battery. Reduce the load on the tool; avoid forcing it through thick material.

Specifications

Feature	Detail
Brand	RYOBI
Model Number	P2900B
Power Source	Battery Powered (RYOBI ONE+ 18-Volt Lithium-Ion)
Color	Green and Black
Product Dimensions (L x W x H)	16.06" x 6.93" x 4.73"
Item Weight	3.2 Pounds
Blade Length	8 Inches (Shrubber blade)
Material	Plastic (Housing), Alloy Steel (Blades)
Cutting Width	8 Inches (Shrubber blade)
Cut Capacity	5/16 Inches
UPC	046396014887

Warranty and Support

For specific warranty information, please refer to the warranty card included with your product or visit the official RYOBI website. Warranty terms typically cover defects in materials and workmanship for a specified period from the date of purchase.
For technical support, replacement parts, or service inquiries, please contact RYOBI customer service. Contact information can usually be found on the manufacturer's website or on the product packaging.
It is recommended to keep your purchase receipt as proof of purchase for warranty claims.

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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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