RYOBI P2680

RYOBI ONE+ HP 18V Brushless 22-inch Cordless Battery Hedge Trimmer Instruction Manual

Model: P2680

1. Introduction

This manual provides essential information for the safe operation, maintenance, and care of your RYOBI ONE+ HP 18V Brushless 22-inch Cordless Battery Hedge Trimmer. Please read and understand all instructions before using the product. Keep this manual for future reference.

2. Safety Information

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating power tools.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the hedge trimmer.
- **Wear appropriate personal protective equipment (PPE):** Always wear eye protection, gloves, and sturdy footwear. Hearing protection is also recommended.
- **Keep work area clear:** Ensure the area is free of debris, children, and bystanders.
- **Avoid accidental starting:** Ensure the switch is in the OFF position before inserting the battery pack or carrying the tool.
- **Do not overreach:** Maintain proper footing and balance at all times.
- **Inspect the hedge trimmer:** Before each use, check for damaged parts, loose fasteners, or any other condition that may affect safe operation.
- **Use the right tool:** Do not force the tool or use it for purposes other than hedge trimming.
- **Disconnect battery:** Always remove the battery pack when not in use, before cleaning, or when performing maintenance.

3. Package Contents

Verify that all items are present upon unpacking:

- RYOBI ONE+ HP 18V Brushless 22-inch Cordless Hedge Trimmer (Model P2680)
- RYOBI 18V 2.0 Ah Lithium Battery
- RYOBI 18V Battery Charger

- Blade Sheath
- Operator's Manual (this document)

4. Setup

4.1. Charging the Battery

The battery pack is shipped in a low-charge condition to prevent possible problems. It should be charged fully before first use.

1. Connect the charger to a standard electrical outlet.
2. Slide the battery pack onto the charger. Ensure it is fully seated.
3. The charger indicator light will show the charging status. Refer to the charger's specific instructions for light patterns.
4. Once fully charged, remove the battery pack from the charger.

4.2. Installing the Battery

Ensure the hedge trimmer is turned OFF before installing or removing the battery pack.

1. Align the ribs on the battery pack with the grooves in the hedge trimmer's battery port.
2. Slide the battery pack into the tool until it clicks securely into place.
3. To remove, press the battery release latch and pull the battery pack out.



Figure 1: RYOBI ONE+ HP 18V Brushless 22-inch Cordless Battery Hedge Trimmer shown with its included 2.0 Ah battery and charger. The hedge trimmer features a long orange blade with the HEDGESWEEP design, a black handle, and a lime green rear handle.

5. Operating Instructions

5.1. Starting and Stopping the Trimmer

The hedge trimmer is equipped with a dual-action trigger system for safety.

1. **To Start:** Grip the front wrap-around handle and the ergonomic rear handle. Depress the trigger on the rear handle while simultaneously engaging the switch on the front handle.
2. **To Stop:** Release either the front handle switch or the rear handle trigger.

5.2. Trimming Techniques

The 22-inch dual-action blades are designed for efficient cutting of hedges and shrubs up to 3/4 inch in diameter.

- **General Trimming:** Hold the trimmer firmly with both hands. Use a sweeping motion to cut across the hedge.
- **HEDGESWEEP Feature:** The integrated HEDGESWEEP design helps to clear clippings and debris from the top of

the hedge as you trim, improving visibility and reducing cleanup time.

- **Vertical Trimming:** For vertical sides of hedges, begin at the bottom and sweep upwards.
- **Horizontal Trimming:** For horizontal tops of hedges, hold the trimmer level and sweep across.
- **Anti-Jamming Technology:** The dual-action blades incorporate anti-jamming technology for smoother operation. If a jam occurs, release the triggers, remove the battery, and carefully clear the obstruction.

6. Maintenance

6.1. Blade Care

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

- **Cleaning:** After each use, remove the battery pack and clean the blades with a stiff brush to remove sap and debris.
- **Lubrication:** Apply a light machine oil or blade lubricant to the blades after cleaning to prevent rust and ensure smooth operation.
- **Sharpening:** If blades become dull, they can be sharpened by a qualified service technician.

6.2. Cleaning and Storage

Proper cleaning and storage protect your tool and ensure its readiness for future use.

- **Cleaning:** Wipe down the exterior of the trimmer with a clean, damp cloth. Do not use strong detergents or solvents.
- **Storage:** Always store the hedge trimmer with the blade sheath in place to prevent accidental injury and protect the blades. The integrated wall hook allows for convenient storage. Store in a dry, secure location out of reach of children.
- **Battery Storage:** Store battery packs in a cool, dry place away from direct sunlight and extreme temperatures.

7. Troubleshooting

If you encounter issues with your hedge trimmer, refer to these general troubleshooting tips:

- **Trimmer does not start:** Ensure the battery pack is fully charged and properly inserted. Check that both the front handle switch and rear handle trigger are engaged simultaneously.
- **Reduced cutting performance:** Blades may be dull or dirty. Clean and lubricate the blades. If necessary, have them sharpened.
- **Blades jam:** Release the triggers immediately, remove the battery pack, and carefully clear any debris or branches caught in the blades.
- **Short runtime:** The battery pack may not be fully charged, or its capacity may be diminished over time. Ensure the battery is fully charged before use.

For persistent issues, contact RYOBI customer support or an authorized service center.

8. Specifications

Feature	Specification
Brand	RYOBI
Model Number	P2680
Power Source	Battery Powered (18V Lithium Ion)

Motor Type	Brushless
Blade Length	22 Inches
Cutting Capacity	Up to 3/4 Inches
Blade Material	High Carbon Steel
Item Weight	7 Pounds
Product Dimensions	22 x 6 x 8 inches
Battery Included	18V 2.0 Ah Lithium Battery
Charger Included	Yes

9. Warranty and Support

This RYOBI ONE+ HP 18V Brushless 22-inch Cordless Battery Hedge Trimmer is backed by a **3-Year Limited Warranty**. For detailed warranty information, service, or technical support, please refer to the warranty card included with your product or visit the official RYOBI website.

Keep your purchase receipt as proof of purchase for warranty claims.

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