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RYOBI RY40440

Ryobi RY40440 40 Volt Cordless Brushless Backpack Leaf Blower Instruction Manual

Introduction

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your Ryobi RY40440 40 Volt Cordless Brushless Backpack Leaf Blower. Please read this manual thoroughly before operating the product to ensure proper use and to prevent injury or damage. Keep this manual for future reference.

Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. This includes, but is not limited to:

- **Read all instructions:** Familiarize yourself with the controls and proper use of the product.
- **Wear appropriate personal protective equipment (PPE):** Always wear eye protection, hearing protection, and sturdy footwear. Long pants and sleeves are also recommended.
- **Keep bystanders away:** Do not allow children or pets near the operating area.
- **Inspect the work area:** Remove any objects that could be thrown by the air stream.
- **Battery safety:** Use only the specified battery pack and charger. Do not charge batteries in damp or wet locations.
- **Avoid accidental starting:** Ensure the switch is in the OFF position before inserting the battery pack or carrying the appliance.
- **Maintain proper footing and balance:** Do not overreach.

Package Contents

Verify that all items are present upon unpacking:

- Ryobi RY40440 Backpack Leaf Blower Unit
- 40V Lithium-Ion Battery
- Battery Charger
- Blower Tube Assembly
- Operator's Manual (this document)



Image: The Ryobi RY40440 backpack leaf blower shown with its included 40V lithium-ion battery and battery charger.

Setup

1. Charging the Battery

1. Insert the 40V Lithium-Ion battery into the charger.
2. Plug the charger into a standard electrical outlet.
3. Allow the battery to charge fully until the indicator light on the charger signals completion.

2. Assembling the Blower Tube

1. Align the blower tube with the outlet on the main blower unit.
2. Push the tube firmly onto the outlet until it clicks into place, ensuring a secure connection.

3. Installing the Battery

1. Ensure the blower's power switch is in the OFF position.
2. Slide the charged 40V battery into the battery compartment on the backpack unit until it locks securely.



Image: The Ryobi RY40440 backpack leaf blower fully assembled with the battery inserted into its compartment.

Operating Instructions

1. Wearing the Backpack Blower

1. Place the backpack unit on your back, ensuring the shoulder straps are comfortable.
2. Adjust the shoulder straps and chest strap (if applicable) for a snug and balanced fit. The unit should sit comfortably on your hips.



Image: A user adjusting the shoulder straps of the Ryobi backpack leaf blower for a comfortable fit.

2. Starting and Stopping

1. To start, ensure the battery is fully inserted and the blower tube is attached. Press the power button or trigger.
2. To stop, release the power button or trigger.

3. Variable Speed and Cruise Control

- **Variable Speed:** The blower features a variable speed throttle. Squeeze the trigger to increase airflow and release to decrease.
- **Cruise Control:** For extended operation at a consistent speed, engage the cruise control lever or button (refer to the control handle image below for location). Adjust the lever to set the desired speed.



Image: A close-up view of the blower's control handle, highlighting the variable speed trigger and cruise control mechanism.

4. Operating Tips

- Start blowing debris from the outer edges of the area and work inward.
- Use a sweeping motion with the blower tube.
- Avoid directing the air stream towards people or loose objects.



Image: A user demonstrating the operation of the Ryobi backpack leaf blower in an outdoor setting.

Maintenance

Regular maintenance ensures optimal performance and extends the life of your blower.

- **Cleaning:** After each use, wipe down the exterior of the blower with a clean, damp cloth. Remove any debris from the air intake vents to prevent overheating.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Do not store batteries in a discharged state for extended periods.
- **Storage:** When not in use, store the blower in a dry, secure location out of reach of children. Remove the battery pack before storing.

Troubleshooting

If you encounter issues with your Ryobi RY40440 blower, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Blower does not start	Battery not charged or improperly installed	Ensure battery is fully charged and securely inserted.
Reduced airflow	Air intake vents blocked or blower tube loose	Clear any debris from vents. Re-attach blower tube securely.
Blower stops unexpectedly	Battery overheated or discharged	Allow battery to cool down. Recharge battery if discharged.

For more complex issues or if problems persist, contact Ryobi customer service.

Specifications

Brand: RYOBI

Model: RY40440

Power Source: Battery Powered

Voltage: 40 Volts

Form Factor: Backpack

Air Speed: 145 MPH

Air Volume: 625 CFM

Noise Level: 59 Decibels

Special Features: Adjustable Speed, Lightweight, Throttle Lock, Brushless Motor, CROSSFORCE Fan Technology

Included Components: Battery, Charger

Item Weight: Approximately 1.52 pounds (0.69 Kilograms)

Product Dimensions: 63"L x 18"W x 18"H (assembled)



Image: A detailed view of the blower unit, highlighting its performance specifications: 625 CFM and 145 MPH.

Warranty and Support

Your Ryobi RY40440 Backpack Leaf Blower is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including warranty period and coverage details.
For technical assistance, replacement parts, or warranty claims, please contact Ryobi Customer Service directly. Contact information can typically be found on the product packaging or the official Ryobi website.

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