

RYOBI RY40470VNM

RYOBI RY40470VNM 40-Volt Brushless Cordless Jet Fan Leaf Blower Instruction Manual

Model: RY40470VNM

1. IMPORTANT SAFETY INFORMATION

Read and understand all instructions before operating this product. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

General Safety Warnings

- Always wear eye protection with side shields marked to comply with ANSI Z87.1. Failure to do so could result in serious injury to your eyes.
- Wear hearing protection during extended periods of operation.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.
- Do not operate the blower without the proper equipment in place. Always ensure the blower tube is securely attached.

Electrical and Battery Safety

- Use only the charger specified by the manufacturer for the battery. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Do not expose battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 265°F (130°C) may cause explosion.

- Follow all charging instructions and do not charge the battery pack or tool outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.

2. PACKAGE CONTENTS

Carefully unpack the product and ensure all items are present and in good condition. If any parts are damaged or missing, do not operate the tool. Contact RYOBI customer service for assistance.

- RYOBI 40-Volt Brushless Cordless Jet Fan Leaf Blower
- 40V Lithium-Ion Battery (4.0 Ah)
- Battery Charger
- Operator's Manual (this document)



Image 1: The RYOBI RY40470VNM Leaf Blower, accompanied by its 40V Lithium-Ion battery and battery charger, as included in the package.

3. ASSEMBLY

Your leaf blower requires minimal assembly before first use.

Attaching the Blower Tube

1. Align the grooves on the blower tube with the tabs on the blower housing.
2. Push the blower tube onto the housing until it clicks securely into place. Ensure it is firmly attached and does not twist freely.

Inserting the Battery

1. Ensure the blower is turned off.
2. Align the ribs on the battery with the grooves in the blower's battery port.
3. Slide the battery into the port until it locks securely with a click. Do not force the battery.
4. To remove the battery, press the latch button on the battery and pull it out of the blower.



Image 2: Side view of the RYOBI RY40470VNM Leaf Blower with the 40V battery correctly inserted into its housing.

4. CHARGING THE BATTERY

The 40V Lithium-Ion battery must be charged before first use and whenever its power level is low.

1. Plug the charger into a standard 120V AC household outlet. The charger's indicator light will illuminate, typically green, indicating it is ready.
2. Slide the battery pack onto the charger, ensuring it is fully seated. The charger's indicator light will change, usually to red, to indicate charging is in progress.

3. Once charging is complete, the indicator light will typically turn green. A full charge may take several hours depending on the battery's state of charge.
4. Remove the battery pack from the charger once fully charged. Unplug the charger from the outlet when not in use.

Note: Refer to the separate battery and charger manual for detailed charging times and indicator light patterns.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and proper operating techniques for efficient and safe use.

Starting and Stopping the Blower

- **To Start:** Ensure the battery is fully charged and securely inserted. Press and hold the trigger switch. The blower will start.
- **To Stop:** Release the trigger switch.

Variable Speed Control

The blower features a variable speed trigger, allowing you to control the airflow intensity. Press the trigger lightly for lower speeds and press it fully for maximum speed.

Turbo Button Function

For maximum blowing power, press the turbo button located on the handle while operating the blower. This will temporarily boost the airflow to its highest setting (550 CFM, 125 MPH) for stubborn debris.

Proper Blowing Techniques

- Hold the blower firmly with both hands, maintaining a balanced stance.
- Sweep from side to side, moving debris in front of you.
- For heavy debris, use the turbo function to dislodge it, then switch back to variable speed for general clearing.
- Avoid blowing debris towards people, animals, or fragile objects.



Image 3: A person demonstrating the use of the RYOBI RY40470VNM Leaf Blower to clear a pile of dry leaves from a lawn.

6. MAINTENANCE

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

Cleaning the Blower

- Before cleaning, always remove the battery pack.
- Use a clean, damp cloth to wipe down the exterior surfaces of the blower. Do not use strong detergents or solvents.
- Inspect the air intake vents and blower tube for any debris or blockages. Clear any obstructions to ensure proper airflow and prevent overheating.



Image 4: Rear view of the RYOBI RY40470VNM Leaf Blower, highlighting the fan intake area which should be kept clear of debris.

Battery Care and Storage

- Store the battery pack in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50% capacity.
- Do not store the battery pack with metal objects that could short the terminals.

General Inspection

- Periodically check all fasteners for tightness.
- Inspect the power cord of the charger for damage. If damaged, have it repaired by a qualified service technician.

7. TROUBLESHOOTING

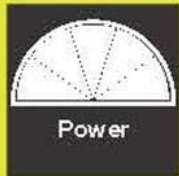
This section addresses common issues you might encounter with your leaf blower.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Blower does not start	Battery not inserted correctly Battery not charged Trigger not fully depressed	Ensure battery is fully clicked into place Charge the battery Press the trigger completely
Reduced blowing power	Low battery charge Air intake or blower tube blocked	Recharge the battery Clear any debris from intake vents and blower tube
Battery not charging	Charger not plugged in Battery not seated correctly on charger Damaged battery or charger	Ensure charger is securely plugged into outlet Re-seat battery on charger Contact RYOBI customer support for inspection/replacement
Blower overheats	Blocked air intake vents Continuous heavy use	Clear air intake vents Allow blower to cool down before resuming use

8. SPECIFICATIONS

Key technical specifications for the RYOBI RY40470VNM Leaf Blower.



Powered by	Standard brushless motor
Volts / Amp Hours / Watt Hours	40v / 4.0ah / 144wh
Includes	Power source/charger

Image 5: An infographic detailing the performance metrics and power specifications of the RYOBI RY40470VNM Leaf Blower.

Feature	Specification
Brand	RYOBI
Model Number	RY40470VNM
Power Source	Battery Powered (40V Lithium-Ion)
Voltage	40 Volts
Air Speed	Up to 125 MPH
Air Flow Capacity	Up to 550 CFM
Noise Level	59 Decibels
Item Weight	8 Pounds (without battery)
Special Features	Cordless, Brushless Motor, Variable Speed Trigger, Turbo Button

Feature	Specification
Included Components	40V 4.0 Ah Battery, Charger

9. WARRANTY AND SUPPORT

RYOBI products are manufactured to high-quality standards and are backed by a limited warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official RYOBI website. For technical assistance, replacement parts, or warranty claims, please contact RYOBI customer support:

- **Website:** www.ryobitools.com
- **Phone:** Refer to the RYOBI website for regional contact numbers.

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