RYOBI P2105

Ryobi ONE+ P2105 18-Volt Cordless Hard Surface Leaf Blower/Sweeper Instruction Manual

Introduction

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your Ryobi ONE+ P2105 18-Volt Cordless Hard Surface Leaf Blower/Sweeper. Please read and understand all instructions before using the product to ensure safe and effective operation.

General Safety Warnings

Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Eye Protection:** Always wear appropriate eye protection that is marked to comply with ANSI Z87.1 when operating this tool.
- **Bystander Safety:** Keep children, pets, and bystanders at a safe distance (at least 50 feet) from the operating area.
- **Environmental Conditions:** Do not operate the blower in wet conditions, rain, or damp environments. Avoid using in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Battery Removal:** Always remove the battery pack from the tool when not in use, before making adjustments, changing accessories, or performing any maintenance.
- **Battery Compatibility:** Use only Ryobi ONE+ 18V Lithium-Ion battery packs and chargers specifically designed for this tool. Using other battery packs may create a risk of injury and fire.
- **Secure Grip:** Hold the tool firmly with one hand during operation.
- **Inspect Work Area:** Before starting, clear the work area of objects that could be thrown or become entangled in the blower.

Package Contents

Verify that all items listed below are included in your package. If any parts are missing or damaged, do not operate the tool and contact customer service.

- Ryobi ONE+ P2105 Blower Unit

- Blower Nozzle

Note: Battery and charger are sold separately and are not included with this unit.

Setup and Assembly

Follow these steps to assemble your leaf blower before initial use.

1. **Attaching the Blower Nozzle:**
   Align the grooves on the blower nozzle with the corresponding tabs on the blower housing. Push the nozzle onto the housing and twist it clockwise until it locks securely into place. Ensure it is firmly attached before operation.
2. **Inserting the Battery Pack:**
   Ensure the Ryobi ONE+ 18V battery pack is fully charged. Align the ribs on the battery pack with the grooves in the tool's battery port. Slide the battery pack into the tool until it latches securely with an audible click. Do not force the battery pack.



Figure 1: Ryobi ONE+ P2105 Cordless Hard Surface Leaf Blower/Sweeper with nozzle attached.

This image displays the complete assembly of the Ryobi ONE+ P2105 blower, showing the main unit, handle, and the attached blower nozzle, ready for use.

Operating Instructions

Follow these steps for proper operation of your leaf blower.

1. **Starting the Blower:**
   With a charged battery pack securely inserted, press the trigger switch located on the handle to activate the blower. The motor will start immediately.
2. **Stopping the Blower:**
   Release the trigger switch to stop the blower. The motor will cease operation.
3. **Operating Tips:**
   - Hold the blower firmly with one hand, maintaining a balanced stance.
   - Direct the airflow towards the debris you intend to clear.
   - Use a sweeping motion to effectively move leaves, grass clippings, and other light debris from hard surfaces such as driveways, sidewalks, and decks.
   - Avoid operating the blower in areas containing loose gravel, small stones, or other objects that could be propelled by the airflow and cause injury or damage.
   - For optimal battery life and performance, avoid continuous operation for extended periods without breaks.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your blower.

- **Cleaning:**
  After each use, remove the battery pack. Clean the exterior of the blower with a soft, damp cloth. Do not use strong detergents, solvents, or abrasive cleaners, as these can damage plastic parts.
- **Air Vents:**
  Periodically inspect and clear the air vents of any debris, dust, or obstructions. Blocked vents can lead to motor overheating and reduced performance.
- **Storage:**
  Store the blower in a dry, secure location that is inaccessible to children. Remove the battery pack before storing the tool for extended periods to prevent accidental activation and battery discharge.

Troubleshooting

Refer to this table for common issues and their solutions.

Problem	Possible Cause	Solution
Blower does not start	Battery not inserted correctly	Ensure battery is fully seated and latched into the tool.
	Battery not charged	Charge the battery pack using a compatible Ryobi ONE+ charger.
Reduced airflow	Air vents blocked	Clear any debris, dust, or obstructions from the air intake and exhaust vents.
	Nozzle not fully attached	Re-attach the blower nozzle securely, ensuring it is twisted and locked into place.
Blower stops during operation	Battery overheated or discharged	Allow battery to cool down or replace with a fully charged battery.

Specifications

Key technical details for the Ryobi ONE+ P2105 Blower.

- **Model:** P2105
- **Brand:** RYOBI
- **Power Source:** 18V Battery Powered (Ryobi ONE+ system)
- **Maximum Air Speed:** 120 MPH (Miles Per Hour)
- **Maximum Air Volume:** 200 CFM (Cubic Feet Per Minute)
- **Weight (without battery):** Approximately 3.8 lbs (1.72 kg)
- **Noise Level:** 67 dB
- **Assembled Dimensions (L x W x H):** 34.5 in. x 6.5 in. x 10.5 in. (87.6 cm x 16.5 cm x 26.7 cm)

Warranty and Support

For detailed warranty information, technical assistance, or to locate authorized service centers, please visit the official RYOBI website or contact RYOBI customer service directly. It is recommended to retain your purchase receipt as proof of purchase for warranty claims.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question