

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [RB](#) /

> [RB 40V 3-in-1 Cordless Vacuum Blower Instruction Manual](#)

RB EBV480D2-RB

RB 40V 3-in-1 Cordless Vacuum Blower Instruction Manual

Model: EBV480D2-RB

1. INTRODUCTION

Thank you for choosing the RB 40V 3-in-1 Cordless Vacuum Blower. This versatile tool is designed to simplify your yard work by combining the functions of a leaf blower, vacuum, and mulcher into one efficient unit. This manual provides essential information for the safe and effective assembly, operation, maintenance, and troubleshooting of your new device. Please read this manual thoroughly before first use and keep it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, and personal injury.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the appliance.
- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses, hearing protection, long pants, and sturdy footwear.
- **Keep area clear:** Ensure the work area is clear of bystanders, children, and pets.
- **Avoid wet conditions:** Do not operate the blower in wet conditions or rain.
- **Battery safety:** Use only the specified battery and charger. Do not expose batteries to fire or high temperatures.
- **Inspect before use:** Check for loose parts, damage, or obstructions before each operation.
- **Proper handling:** Hold the tool firmly with both hands during operation.
- **Maintenance:** Disconnect the battery before cleaning, servicing, or storing the unit.

3. PRODUCT COMPONENTS

The RB 40V 3-in-1 Cordless Vacuum Blower comes with the following components:

- Main Blower/Vacuum Unit
- 40V 4.0Ah Lithium-Ion Battery
- Fast Charger
- Vacuum Tube (2 sections)
- Blower Tube (2 sections)
- 12L Zippered Collection Bag

- Adjustable Handle
- Support Roller
- Shoulder Strap
- Instruction Manual



Figure 1: RB 40V 3-in-1 Cordless Vacuum Blower with included accessories.

4. ASSEMBLY AND SETUP

Follow these steps to assemble your RB 40V 3-in-1 Cordless Vacuum Blower.

4.1 Assembling the Air Ducts

1. **Assemble Suction Duct:** Align the clips and slots of the two suction tube sections (labeled 1 and 2) and push them together until they click into place.
2. **Assemble Blower Tube:** Align the clips and slots of the two blower tube sections (labeled 3 and 4) and push them together until they click into place.
3. **Attach Roller:** Insert the roller into the designated slots on the blower tube until it is securely fastened.



Figure 2: Labeled components for assembly.

4.2 Attaching Tubes to Main Unit

1. **Open Suction Port Cover:** Open the protective cover of the suction port on the main unit.
2. **Insert Suction Duct:** Align the clip and slot of the assembled suction duct with the suction port on the main unit and insert it until it clicks securely.
3. **Secure Suction Duct:** Close the protective cover of the suction port and turn the air duct fixing switch to secure the suction duct in place.
4. **Insert Blower Tube:** Align the clip and slot of the assembled blower tube with the blower outlet on the main unit and insert it until it clicks securely.

4.3 Attaching Collection Bag

1. **Align Clips:** Align the clips on the collection bag with the corresponding slots on the main unit's vacuum intake.
2. **Secure Bag:** Push the bag clips into the slots until they are firmly attached.

4.4 Battery Installation

1. **Insert Battery:** Slide the 40V 4.0Ah Lithium-Ion Battery into the battery slot at the bottom of the main unit until you

hear a click, indicating it is locked in place.

2. **Check Battery Level:** Press the button on the battery to check the remaining power level.

4.5 Attaching Shoulder Strap and Adjusting Handle

1. **Install Shoulder Strap:** Attach the shoulder strap to the designated attachment points on the unit for comfortable operation.
2. **Adjust Handle:** Twist the knob on the adjustable handle to set the desired grip angle for ergonomic use.

5. OPERATING INSTRUCTIONS

5.1 Starting the Unit

Press the power switch on the handle to start the machine. The unit is now ready for operation.

5.2 Switching Modes (Blower/Vacuum/Mulcher)

The RB 40V 3-in-1 unit features a quick-shift mechanism for seamless transition between modes:

- **Blower Mode:** Ensure the mode switch is set to "Blowing". This mode is ideal for clearing leaves and debris from lawns, driveways, and patios. The maximum air speed is 52m/s (116 mph) with a maximum volume of 264m³/h.
- **Vacuum/Mulcher Mode:** Rotate the mode switch to "Vacuum". In this mode, the unit vacuums leaves and debris into the collection bag while simultaneously mulching them. The mulching ratio is 30:1, significantly reducing the volume of collected material. Maximum suction is 45.9m/s (350 CFM).



3-IN-1 BLOWER/VACCUUM/MULCHING

EASY FOR LEAF REMOVAL

Figure 3: Using the unit in blower mode.



DUAL - MULCH PATENTED TECHNOLOGY
30:1 MULCHING RATIO

Figure 4: Illustration of the 30:1 mulching technology.



ONE-FLIP CONVERSION FROM BLOWER TO VACUUM PLUS MULCHING

Figure 5: One-flip conversion mechanism.



Figure 6: Visual representation of the 30:1 mulching ratio.



Figure 7: Airflow specifications for vacuum and blower modes.

5.3 Official Product Videos

Your browser does not support the video tag.

Video 1: "40V 3IN1 Cordless Leaf Blower/Vacuum/Mulcher" - This video provides a comprehensive overview of the product's features and functionality, demonstrating its 3-in-1 capabilities.

Your browser does not support the video tag.

Video 2: "RB 40V 3-in-1 Cordless Vacuum Blower" - A short demonstration video showcasing the RB 40V 3-in-1 Cordless Vacuum Blower in action.

Your browser does not support the video tag.

Video 3: "40V 4Ah Cordless Blower Vacuum" - This video highlights the features of the 40V 4Ah Cordless Blower Vacuum, including its power and ease of use.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your RB 40V 3-in-1 Cordless Vacuum Blower.

- **Clean After Each Use:** Disconnect the battery. Empty the collection bag and clean any debris from the tubes and main unit.

- **Check for Obstructions:** Periodically inspect the air ducts and impeller area for any blockages.
- **Battery Care:** Store the battery in a cool, dry place. Do not store the battery fully discharged or fully charged for extended periods.
- **Storage:** Store the unit in a dry, secure location away from direct sunlight and extreme temperatures.

6.1 Emptying the Collection Bag

To empty the 12L zippered collection bag, simply unzip the bottom of the bag and shake out the mulched debris. This design allows for easy and mess-free disposal.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not start	Battery not inserted correctly or discharged.	Ensure battery is fully seated and charged.
Low air/suction power	Air ducts or impeller clogged with debris.	Disconnect battery and clear any obstructions.
Excessive vibration	Debris caught in impeller or loose components.	Disconnect battery, inspect and clear impeller. Tighten any loose parts.
Battery not charging	Charger not plugged in or faulty battery/charger.	Check power connection. Contact customer support if issue persists.

8. SPECIFICATIONS

Feature	Detail
Brand	RB
Model Name	Vacuum Blower (EBV480D2-RB)
Power Source	Battery Powered (40V)
Battery Type	40V 4.0Ah Lithium-Ion
Blowing Speed (Max)	52 m/s (116 mph)
Blowing Volume (Max)	264 m ³ /h
Vacuum Speed (Max)	45.9 m/s
Vacuum Suction (Max)	350 CFM
Mulching Ratio	30:1
Collection Bag Capacity	12L
Item Weight	14 Pounds
Product Dimensions	46.07"L x 8.66"W x 31.1"H

9. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please refer to the contact information provided with your purchase or visit the official RB website. Keep your proof of purchase for warranty claims.

Note: The 40V 4.0Ah Lithium-Ion Battery comes with a 1-year warranty.