

RYOBI®

RDV36

ORIGINAL INSTRUCTIONS

Cordless Garden Vacuum



Important!

It is essential that you read the instructions in this manual before assembling, operating, and maintaining the product.

Subject to technical modification.

Safety, performance, and dependability have been given top priority in the design of your cordless garden vacuum.

INTENDED USE

The cordless garden vacuum is intended only for outdoor use, in dry, and well-illuminated conditions.

The product is designed for vacuuming light debris, such as leaves, grass, and other garden refuse. It is intended to vacuum and mulch debris and deposit it into the collection bag.

The product is not designed to suck in water or other liquids.

Do not use the product for any other purpose.

GENERAL SAFETY WARNINGS

⚠ WARNING

Do not use the product to vacuum rocks, reeds, soil, or sand.

If the product stops functioning, check the following:

- The tube does not have an obstruction.
- The thumbscrew that attaches the vacuum tube to the body is completely tightened.
- The battery has charge.

⚠ WARNING

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury. Save all warnings and instructions for future reference.

⚠ WARNING

This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the product by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

TRAINING

- Read the instructions carefully. Be familiar with the controls and the correct use of the product.
- Keep in mind, that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- Never use the product while tired, ill or under the influence of alcohol, drugs, or medication.

PREPARATION

- Some regions have regulations that restrict the use of the product to some operations. Check with your local authority for advice.
- Wear hearing protection at all times while operating the product. Strictly adhere to precautions to reduce noise to prevent permanent hearing injury.
- Wear full eye protection at all times while operating the product. Wear a full face mask or fully enclosed goggles. Normal spectacles or sunglasses are not adequate protection. Objects can be thrown at high speed by the powerful air jet at any time and may rebound from hard surfaces toward the operator.
- While operating the product, always wear substantial footwear and long trousers. Do not operate the product when barefoot or wearing open sandals. Avoid wearing clothing with loose fitting or that has hanging cords or ties.
- Do not wear loose clothing or jewellery that can be drawn into the air inlet. Secure long hair so it is above shoulder level to prevent entanglement in moving parts.
- Before each use, ensure that all controls and safety devices function correctly. Do not use the product if the off switch does not stop the product.
- Operate the product in a recommended position and only on a firm and level surface.
- Do not operate the product on a paved or gravel surface where ejected material could cause injury.
- Before each use, always inspect the housing for damage. Ensure that guards and handles are in place and properly secured. Replace worn or damaged components in sets to preserve balance. Replace damaged or unreadable labels.

- Never operate the product while people, especially children, or pets are nearby.
- Keep all cooling air inlets clear of debris.

⚠ WARNING

Before using the product in vacuum mode, you must assemble the upper and lower vacuum tubes together. This is a one-time operation only. Never operate the vacuum with only the upper vacuum tube fitted. The risk of personal injury is significantly increased if you fail to follow this warning.

BATTERY TOOL USE AND CARE

- Recharge only with the charger specified by the manufacturer. 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 pack terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery pack; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery pack may cause irritation or burns.
- Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion, or risk of injury.
- Do not expose a battery pack or tool to fire or excessive temperatures. Exposure to fire or excessive temperature above 130°C may cause explosion.
- Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the

risk of fire.

OPERATION

- Before starting the product, make sure that the feeding chamber is empty.
- Keep your face and body away from the feed intake opening.
- Operate the product only at reasonable hours—not early in the morning or late at night when people might be disturbed.
- Never operate the product in an explosive atmosphere.
- Avoid using the product in bad weather conditions especially when there is a risk of lightning.
- Do not operate the product in poor lighting. The operator requires a clear view of the work area to identify potential hazards.
- Keep bystanders, children, and pets 15 m away from the area of operation. Stop the product if anyone enters the area.
- Operating similar tools nearby increases both the risk of hearing injury and the potential for other persons to enter your working area.
- Always be sure of your footing on slopes. Walk, never run.
- Do not allow hands or any other part of the body or clothing inside the feeding chamber, discharge chute, or near any moving part.
- Keep proper footing and balance. Do not overreach. Overreaching can result in loss of balance.
- Never use the product with defective guards or shields, or without safety devices, such as debris collector, in place.
- Do not modify the product in any way or use parts and accessories that are not recommended by the manufacturer.

⚠ WARNING

If the product is dropped, suffers heavy impact, or begins to vibrate abnormally, immediately stop the product and inspect for damage or identify the cause of the vibration. Any damage should be properly repaired or replaced by an authorised service centre.

- To reduce the risk of injury associated with contacting rotating parts, always turn off the product and remove the battery pack. Make sure that all moving parts have come to a complete stop:
 - before leaving the product unattended
 - before clearing blockages or unclogging chute
 - before checking, cleaning, or working on the product
 - before inspecting the product after striking a foreign object
 - whenever the product starts to vibrate abnormally (inspect immediately)
- Immediately turn off the product and remove the battery pack in the event of accident or breakdown. Do not operate the product again until it has been fully checked by an authorised service centre.

⚠ WARNING

Your vacuum may be supplied with a harness. Carefully adjust the harness to comfortably help to support the weight of the product. Identify the quick release mechanism and practice using it before you start using the product. Its correct use may prevent serious injury in the case of an emergency. Never wear additional clothing over the harness or otherwise restrict access to the quick release mechanism.

VACUUM SAFETY WARNINGS

⚠ WARNING

Never operate the vacuum with only the upper vacuum tube fitted. Failure to follow this warning increases the risk of personal injury.

Note: Without the lower vacuum tube fitted, it is much easier to reach up inside the tube towards the fan blade.

- Do not operate the vacuum without the debris collector bag assembly installed. Flying debris could cause serious injury. Make sure that the debris collector bag is in good condition and completely closed before operating the product.
- Move the vacuum from side to side along the outer edge of the debris. To avoid clogging, do not place the vacuum tube

directly into the debris pile.

- Hold the motor higher than the inlet end of the vacuum tube.
- To avoid serious injury to the operator or damage to the product, do not try to vacuum up rocks, broken glass, bottles, or similar objects.
- Avoid situations that could cause fire in the debris collector bag. Do not operate the product near an open flame. Do not vacuum up warm ash from fireplaces and barbecue pits. Do not vacuum up discarded cigars or cigarettes unless the cinders are completely cool.
- Keep all parts of your body away from any moving part. Rotating impeller blades can cause severe injury. Stop the product and ensure impeller blades have stopped rotating before removing the tubes, opening or removing debris bag.
- When feeding material into the product, make sure that the pieces of metal, rocks, bottles, cans, or other foreign objects are not included.
- Do not allow processed material to build up in the discharge zone. This may prevent proper discharge and can result in kickback of material through the intake opening.
- If the product becomes clogged, stop the product and remove the battery pack before cleaning the debris.

ADDITIONAL BATTERY SAFETY WARNINGS

⚠ WARNING

To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your tool, battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach-containing products, etc., can cause a short circuit.

TRANSPORTATION AND STORAGE

- Stop the product, remove the battery pack, and allow it to cool down before storing or transporting.
- Clean all foreign materials from the product. Store the product in a cool, dry, and well-

ventilated place that is inaccessible to children. Keep the product away from corrosive agents, such as garden chemicals and de-icing salts. Do not store the product outdoors.

- For transportation in a vehicle, secure the product against movement or falling to prevent injury to persons or damage to the product.

TRANSPORTING LITHIUM BATTERIES

Transport the battery pack in accordance with local and national provisions and regulations.

Follow all special requirements on packaging and labelling when transporting batteries by a third party. Ensure that no batteries can come in contact with other batteries or conductive materials while in transport by protecting exposed connectors with insulating, non-conductive caps or tape. Do not transport battery packs that are cracked or leaking. Check with the forwarding company for further advice.

MAINTENANCE

⚠ WARNING

Use only original manufacturer's replacement parts, accessories, and attachments. Failure to do so can cause possible injury, can contribute to poor performance, and may void your warranty.

⚠ WARNING

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service, have the product serviced by an authorised service centre only. When servicing, use only identical replacement parts.

- Do not make adjustments and repairs not described in this manual. For other repairs, contact an authorised service centre.
- After each use, clean the product with a soft, dry cloth.
- Check all nuts, bolts, and screws at frequent intervals for proper tightness to ensure that the product is in safe working condition. Any part that is damaged should be properly repaired or replaced by an

authorised service centre.

- Bring the product to an authorised service centre to replace damaged or unreadable labels.

CLEARING A BLOCKAGE

- To reduce the risk of injury associated with contacting rotating parts, always turn off the product, remove the battery pack, and make sure that all moving parts have come to a complete stop.
- Remove the tubes to inspect for blockage. Clear the tubes if required.
- Remove the debris collector bag. Check that the bag adaptor is free from obstruction.
- Inspect the opening to the fan enclosure and the tube to the debris bag for evidence of a blockage. Remember, even though the battery pack is removed, the fan or mulching blades may move as you clear any blockage. Keep fingers away from the fan or mulching blades at all times.
- Do not attempt to remove the fan or mulching blade. If it is necessary to remove the fan or mulching blades, bring the product to an authorised service centre.
- Reinstall the tubes and the debris collector bag before installing the battery pack and starting the product.

RESIDUAL RISKS

Even when the product is used as prescribed, it is still impossible to completely eliminate certain residual risk factors. The following hazards may arise during use, and the operator should pay special attention to avoid the following:

- injury caused by vibration
 - Always use the right tool for the job, hold the product by the designated handles and use the lowest speed necessary to achieve the task.
- injury caused by exposure to noise
 - Wear ear protection and limit exposure.
- injury caused by flying objects from the tube airflow
 - Wear eye protection at all times.

RISK REDUCTION

It has been reported that vibrations from handheld tools may contribute to a condition called Raynaud's Syndrome. Symptoms may include tingling, numbness, and blanching of the fingers, usually apparent upon exposure to cold. Hereditary factors, exposure to cold and dampness, diet, smoking, and work practices are all thought to contribute to the development of these symptoms. There are measures that can be taken by the operator to possibly reduce the effects of vibration:

- Keep your body warm in cold weather. When operating the product, wear gloves to keep the hands and wrists warm. It is reported that cold weather is a major factor contributing to Raynaud's Syndrome.
- After each period of operation, exercise to increase blood circulation.
- Take frequent work breaks. Limit the amount of exposure per day.

If you experience any of the symptoms of this condition, immediately discontinue use and see your physician.

WARNING

Injuries may be caused or aggravated by prolonged use of the product. When using any tool for prolonged periods, ensure to take regular breaks.

WHAT'S IN THE BOX

- Leaf vacuum housing x 1
- Upper vacuum tube x 1
- Lower vacuum tube x 1
- Guide wheels x 1
- Leaf collection bag x 1
- Harness
- Manual x 1

SYMBOLS ON THE PRODUCT



Read and understand all instructions before operating the product. Follow all warnings and safety instructions.



Beware of thrown or flying objects. Keep all bystanders, especially children, and pets, at least 15 m away from the operating area.



Rotating fans. Keep hands and feet out of openings while the product is running.



Wear ear protection.



Wear eye protection.



Do not expose the product to rain or damp conditions.



Remove the battery pack before starting any work on the product.



Guaranteed sound power level



Regulatory Compliance Mark (RCM). This product meets applicable regulatory requirements.



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

SYMBOLS IN THIS MANUAL



Note



Warning



Parts or accessories are sold separately

The following signal words and meanings are intended to explain the levels of risk associated with this product.

DANGER

Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.

WARNING

Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.

CAUTION

Without safety alert symbol

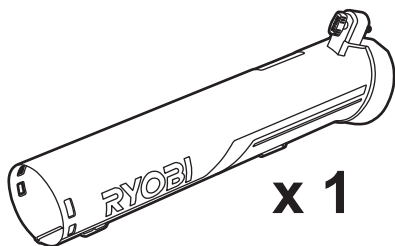
Indicates a situation that may result in property damage.



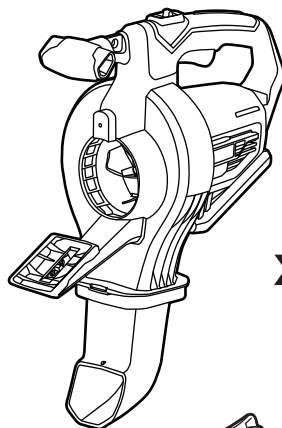
WHAT'S IN THE BOX

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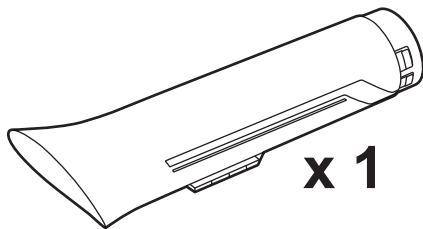
* Battery and charger are sold separately.



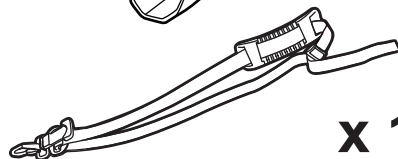
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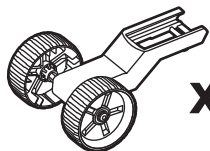
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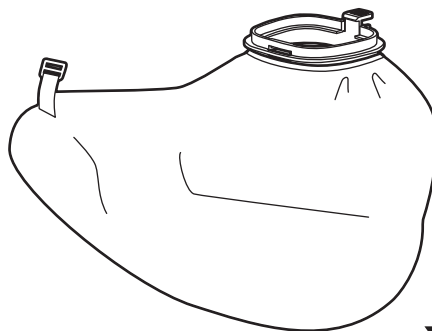
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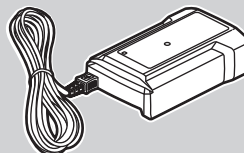
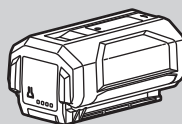
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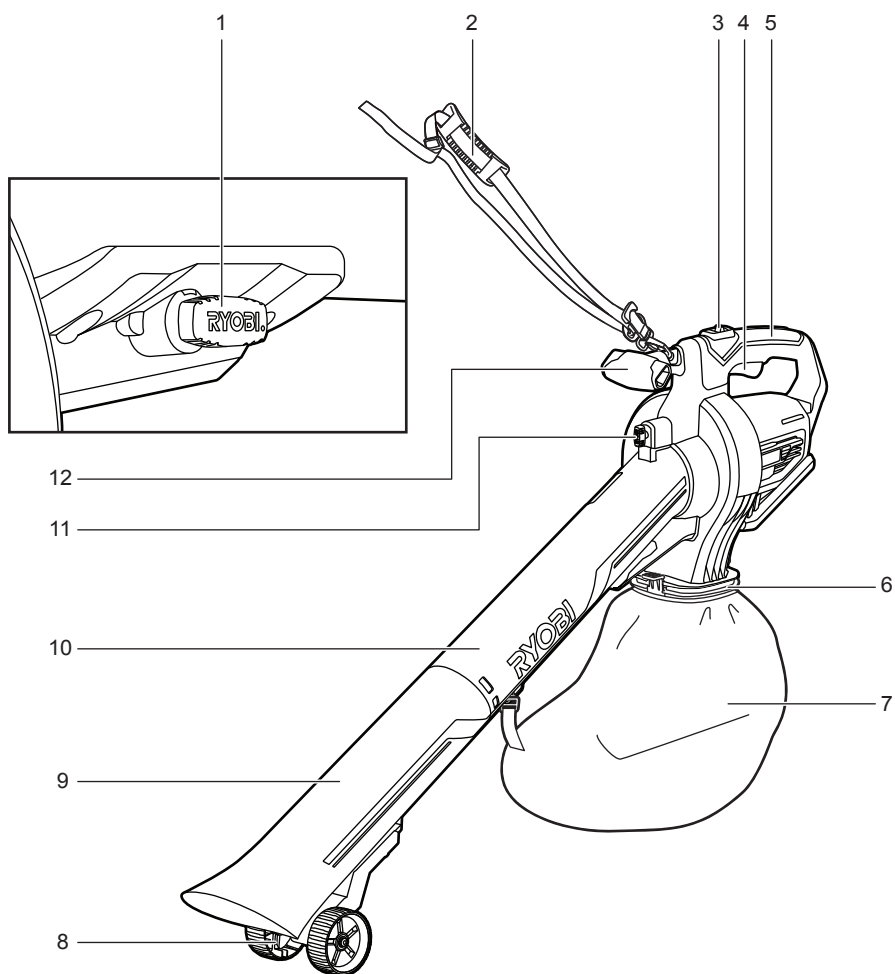


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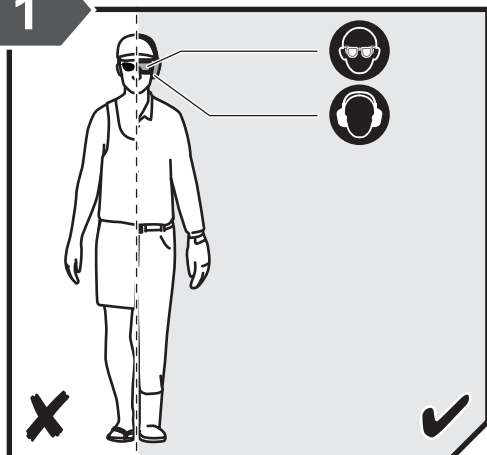
KNOW YOUR PRODUCT

1. Locking pin
2. Quick release harness
3. Variable speed switch
4. On/Off trigger
5. Handle
6. Bag adaptor
7. Vacuum bag
8. Guide wheels
9. Lower vacuum tube
10. Upper vacuum tube
11. Thumbscrew
12. Front handle



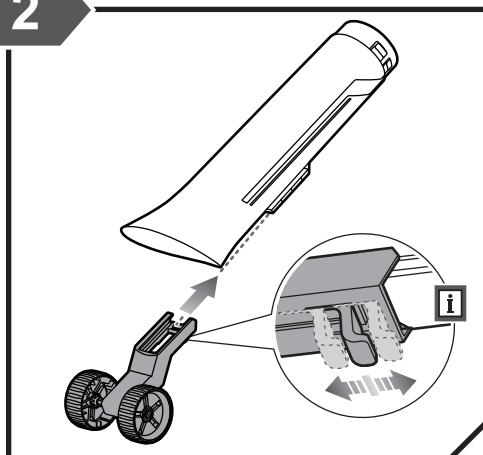
GETTING STARTED

1



Wear full eye and ear protection, substantial footwear, and long trousers at all times while operating the product. Do not operate the product when barefoot or wearing open sandals.

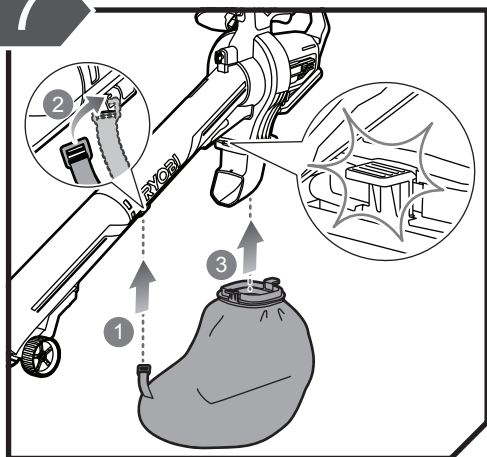
2



Slide the guide wheels onto the lower vacuum tube.

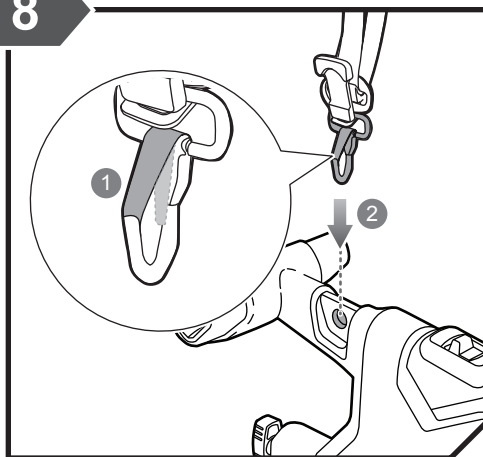
NOTE: Use the tab on the rear side to slide the guide wheels and adjust its position.

7



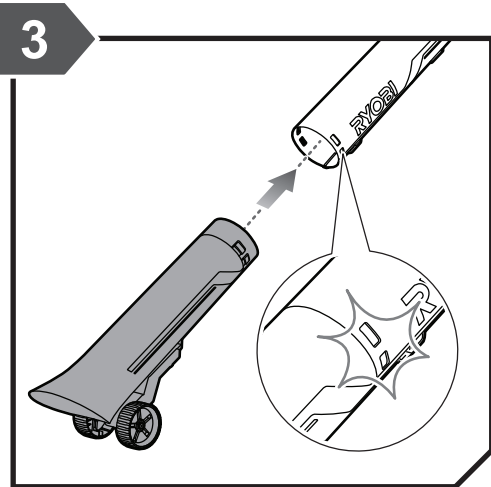
Hook the front side of the leaf collection bag to the upper tube, and then slide the vacuum bag opening over the housing elbow until it snaps into place.

8

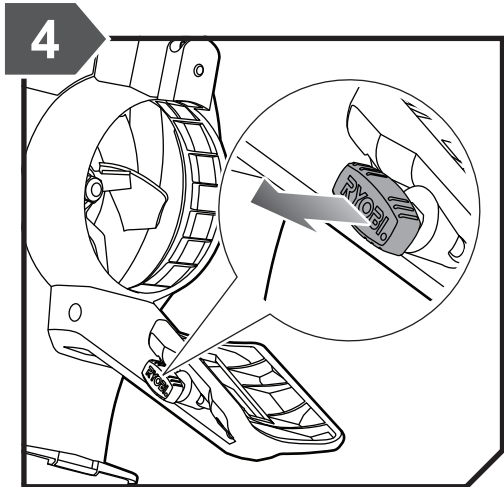


Hook the harness to the front handle.

GETTING STARTED

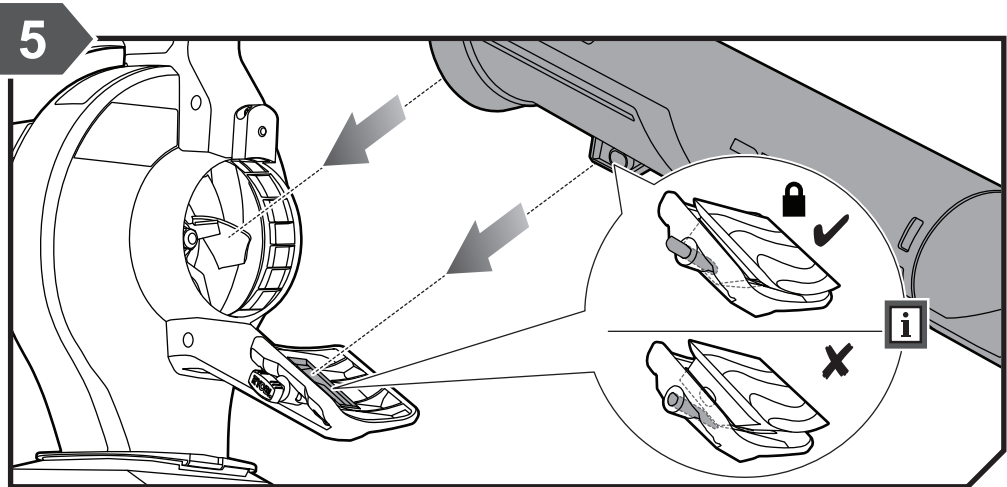


Insert the lower vacuum tube into the upper vacuum tube until it snaps in place.



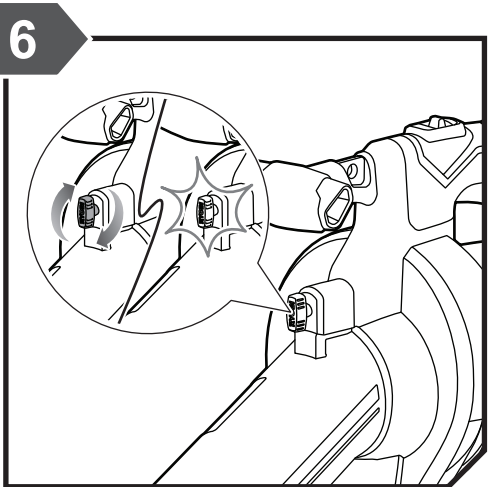
Pull the locking pin.

GETTING STARTED

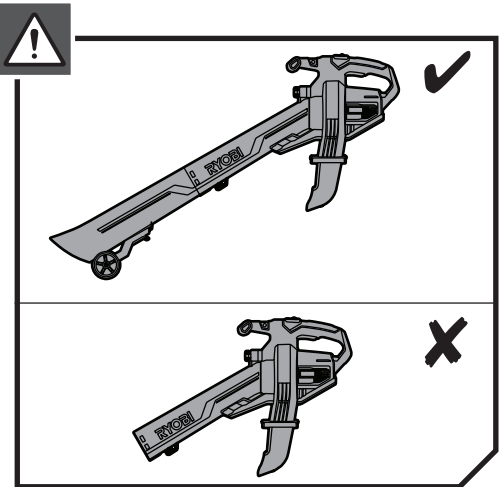


Install the vacuum tube assembly into the housing.
NOTE: Make sure that the locking pin is inserted into the upper tube, locking the tube assembly in place.

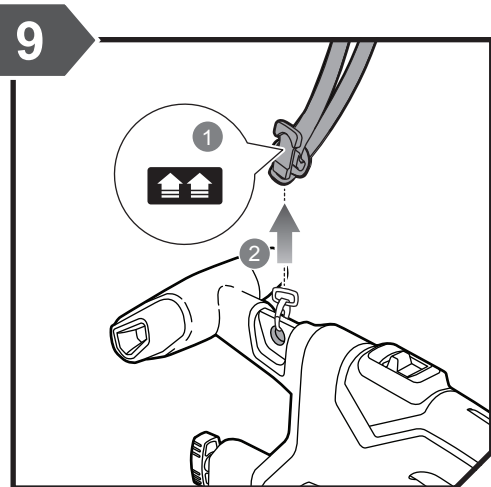
GETTING STARTED



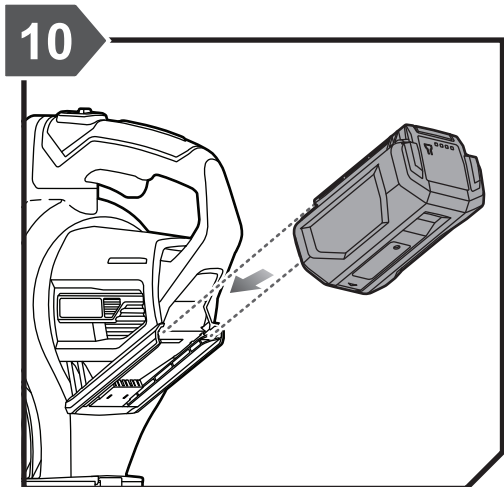
Turn the thumbscrew clockwise until it snaps in place and is fully tightened.
The product will not start if the thumbscrew is not fully tightened.



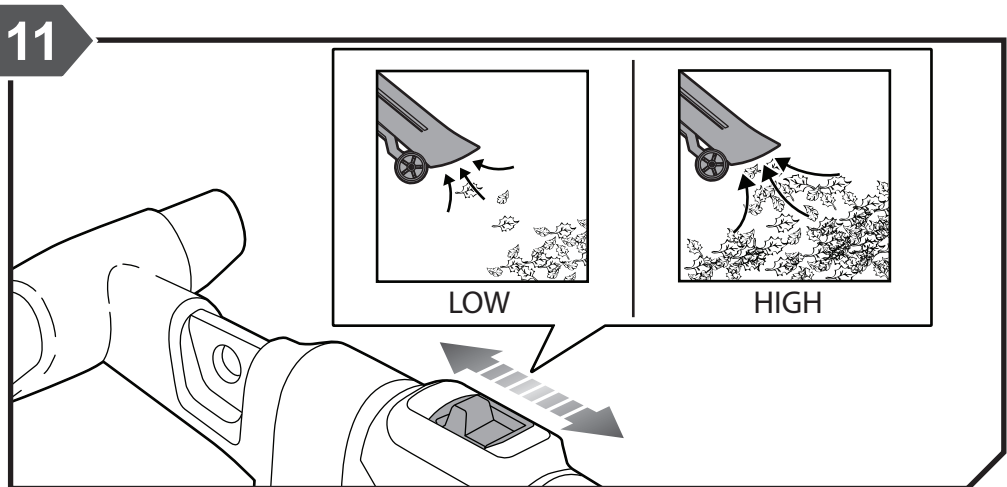
⚠ WARNING: Never operate the vacuum with only the upper vacuum tube fitted. Failure to follow this warning increases the risk of personal injury.



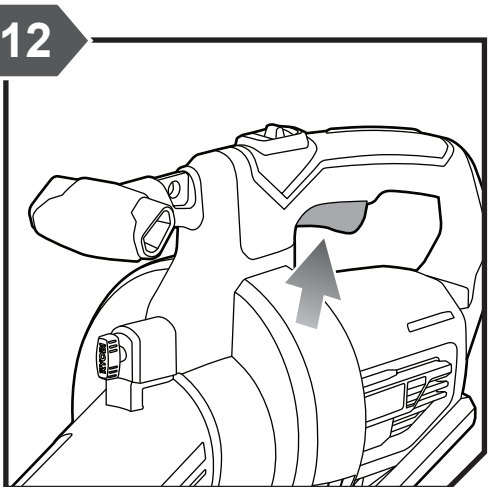
Pull the quick release tab to easily remove the harness from the product.



Install the battery pack.



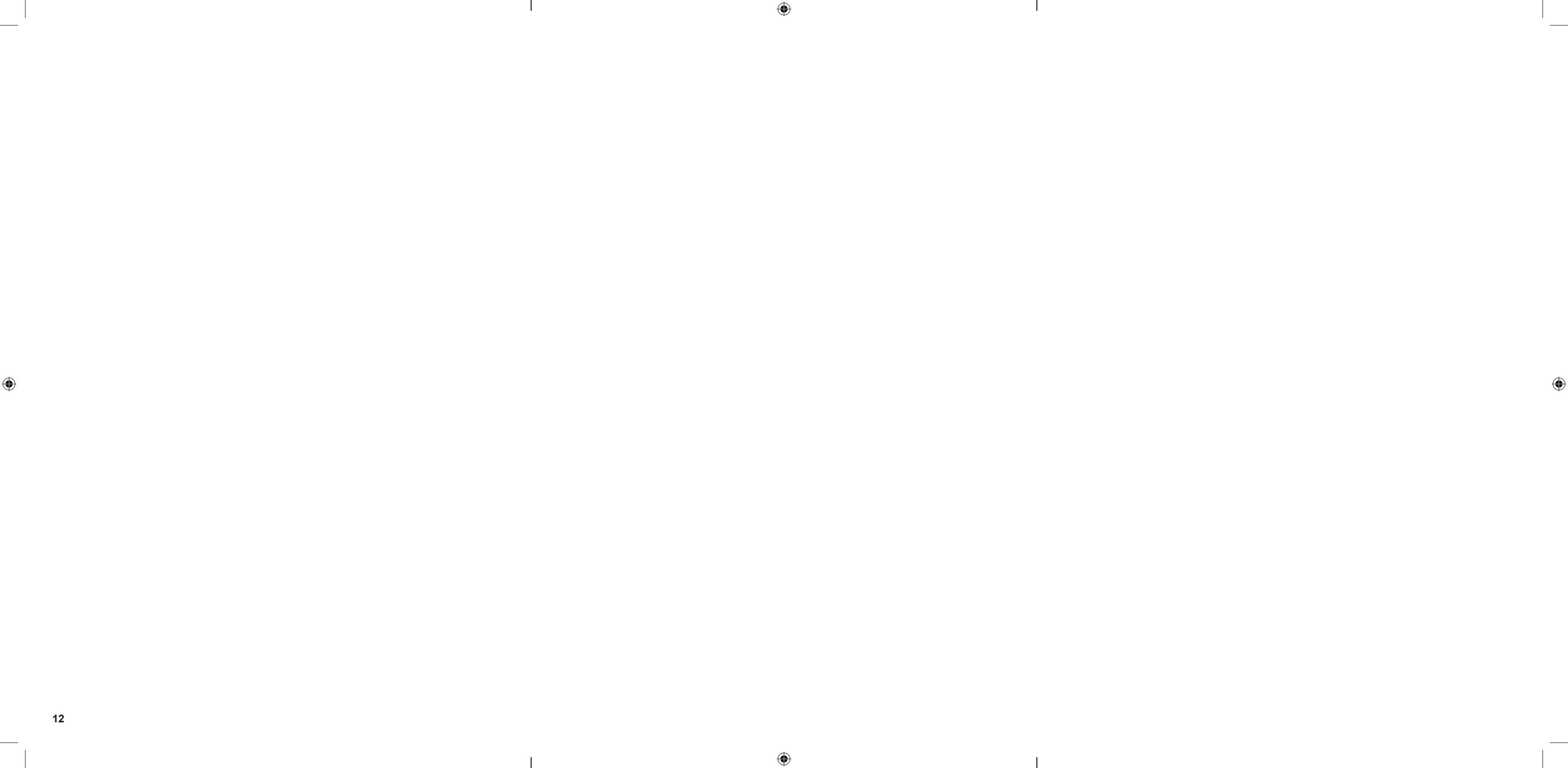
Set the speed switch to the preferred speed.
NOTE: The speed can be set to LOW or HIGH.



Squeeze the trigger to start the product.

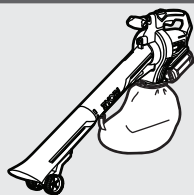


Hold the product by the designated handles and operate the product in the recommended position as shown. The wheels work best when used on a flat surface such as a concrete patio or sidewalk.



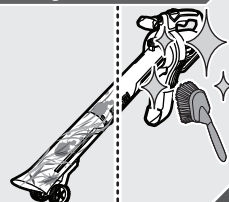
OVERVIEW

Using the vacuum

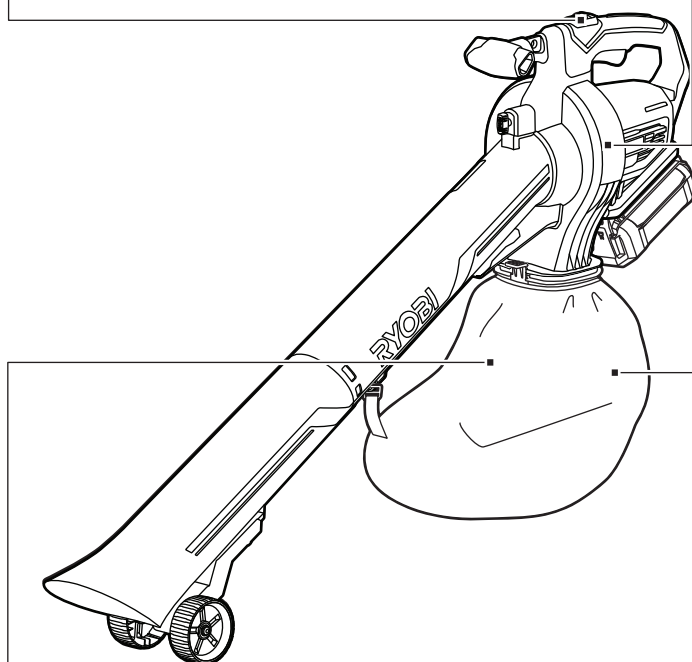


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Cleaning the vacuum



p.18



Emptying the vacuum



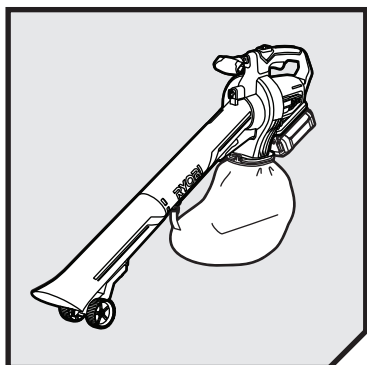
p.17

Storing the vacuum



p.19

OPERATION



USING THE VACUUM

1. Slide the guide wheels under the lower vacuum tube.

NOTE: Use the tab on the rear side to slide the guide wheels and adjust its position.

2. Insert the lower vacuum tube into the upper vacuum tube until it snaps in place.

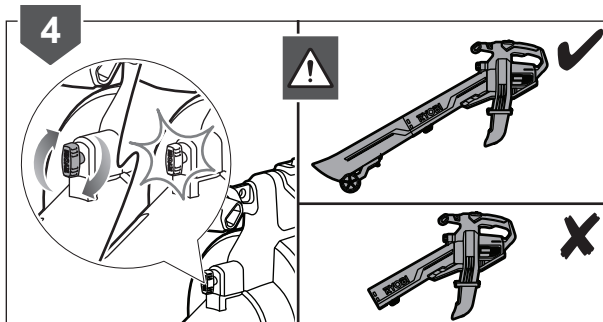
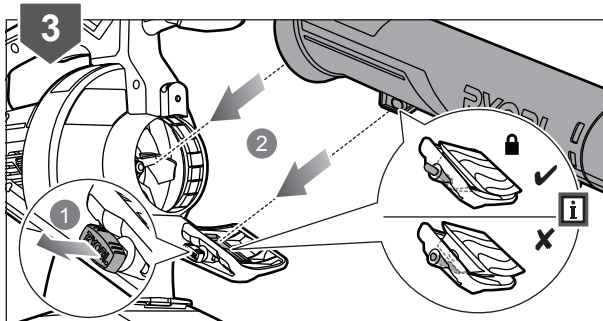
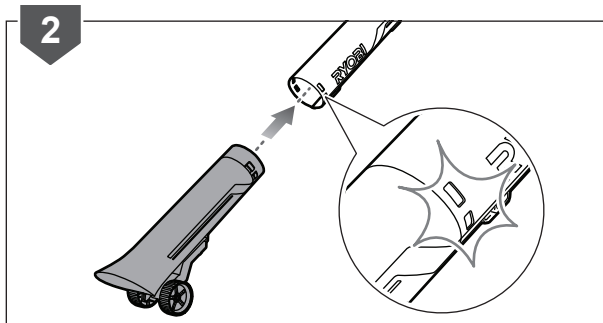
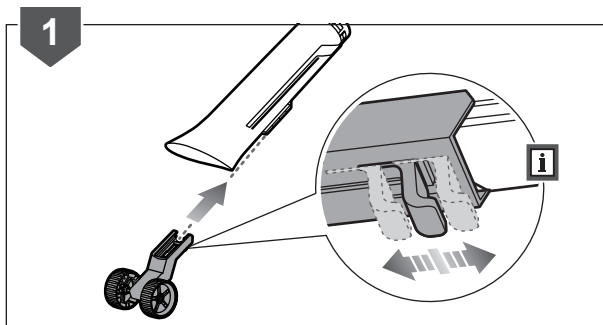
3. Pull the locking pin, and insert the tube assembly into the housing.

NOTE: Make sure that the locking pin is inserted into the upper tube, locking the tube assembly in place.

4. Turn the thumbscrew clockwise until it snaps in place and is fully tightened.

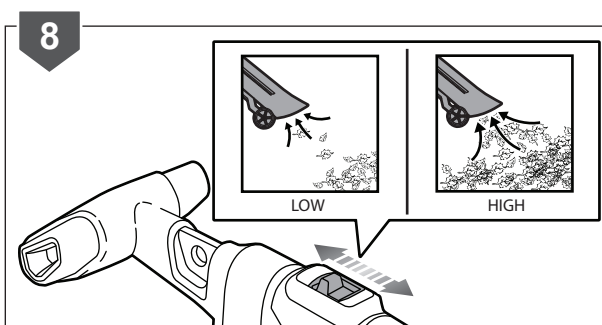
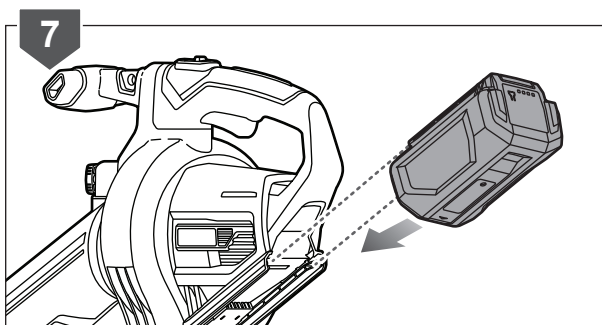
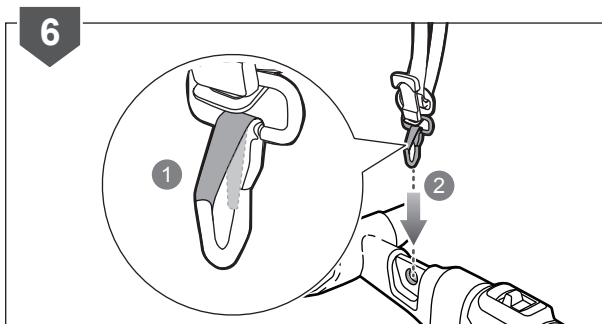
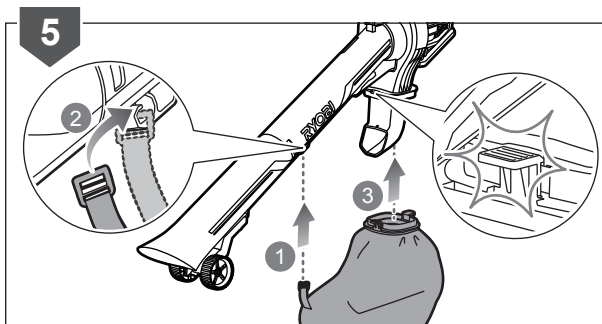
NOTE: The product will not start if the thumbscrew is not fully tightened.

⚠ WARNING: Never operate the vacuum with only the upper vacuum tube fitted. Failure to follow this warning increases the risk of personal injury.



OPERATION

5. Hook the front side of the leaf collection bag to the upper tube, then slide the bag opening over the housing elbow until it snaps in place.
6. Hook the harness to the front handle.
7. Insert the battery into the housing.
8. Flip the variable speed switch to the LOW position to set the vacuum at low speed. Flip the variable speed switch to the HIGH position to set the vacuum at high speed.

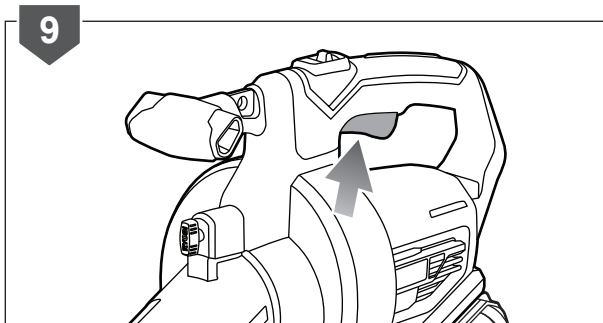


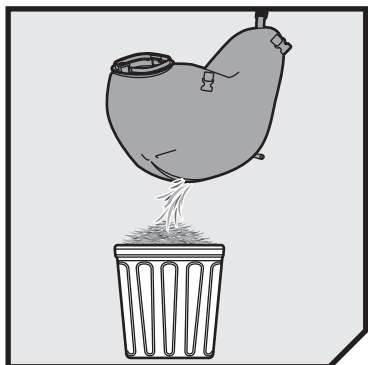
OPERATION

⚠ WARNING: Always hold the product with both hands at the designated handles.

9. Squeeze the trigger to start the product.

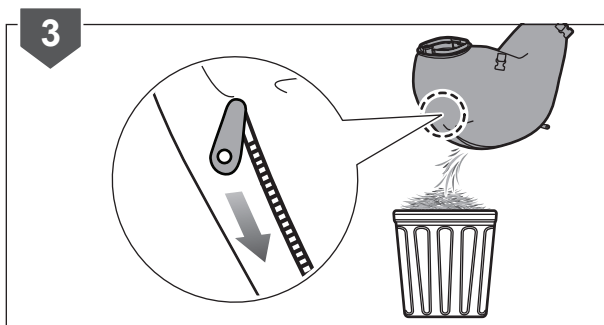
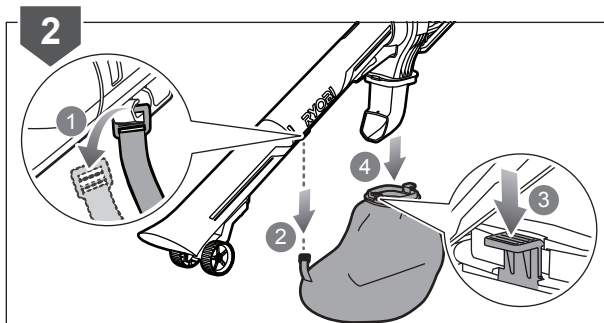
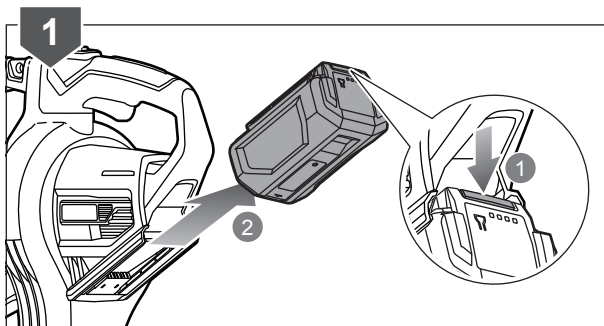
NOTE: Operate the product in the recommended position. The wheels work best when used on a flat surface such as a concrete patio or sidewalk.

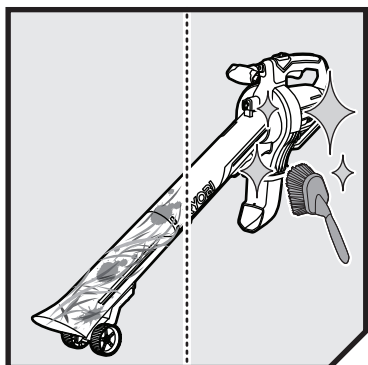




EMPTYING THE VACUUM

1. Remove the battery pack.
2. Unhook the leaf collection bag from the upper vacuum tube, then unlatch the bag from the housing.
3. Open the vacuum bag.
4. Remove the contents of the leaf collection bag into a suitable container.

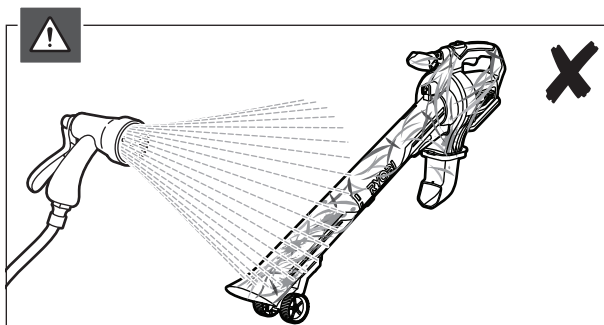
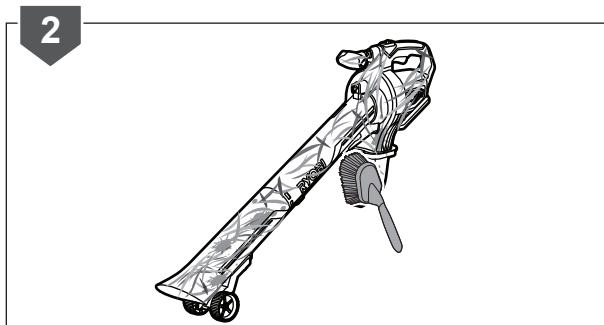
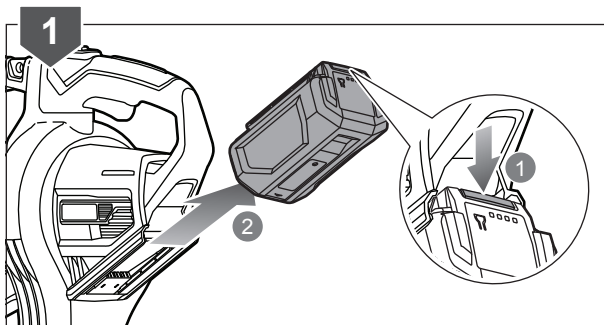




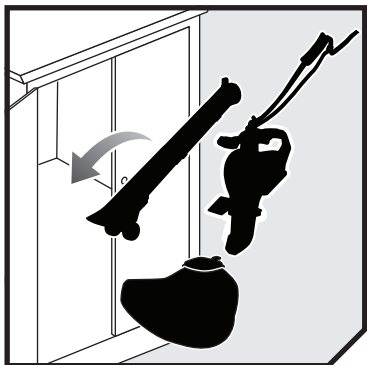
CLEANING THE VACUUM

1. Remove the battery pack.
2. Clean the product using a brush.

⚠ WARNING: Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use.

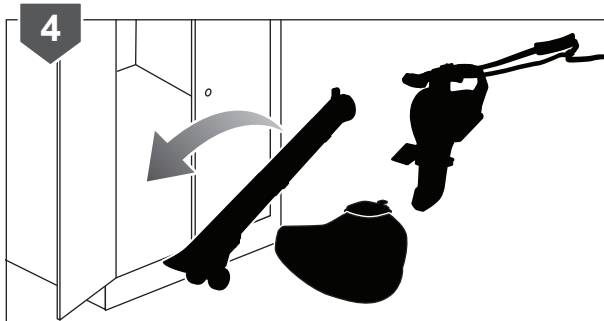
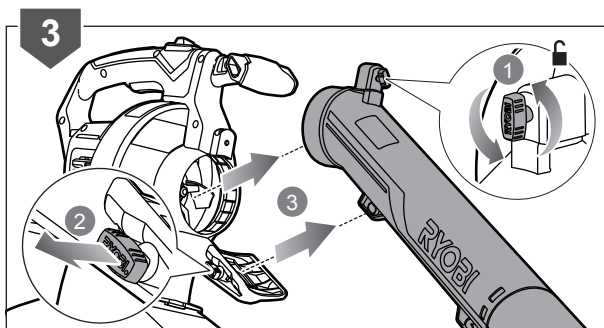
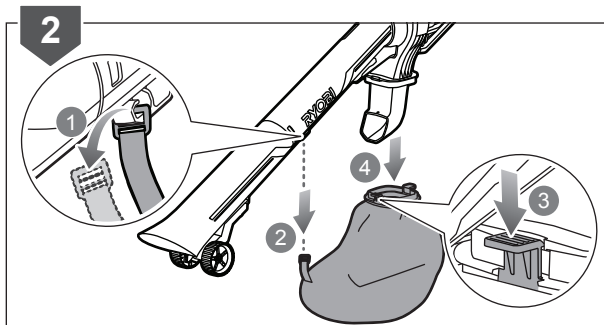
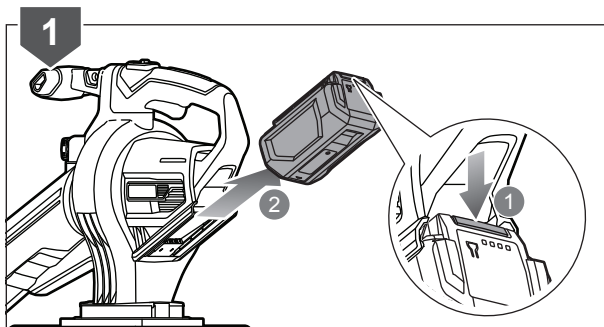


STORAGE



STORING THE VACUUM

1. Remove the battery pack.
2. Unhook the leaf collection bag from the upper vacuum tube, then unlatch the bag from the housing.
3. Turn the thumbscrew counterclockwise. Pull the locking pin to unlock the tube assembly, then pull out the tube assembly from the housing.
4. Store the product in a cool, dry, and well-ventilated place that is inaccessible to children. Keep the product away from corrosive agents, such as garden chemicals and de-icing salts. Do not store the product outdoors.



PRODUCT SPECIFICATIONS

Cordless Garden Vacuum

Model RDV36

Rated voltage 36 V

Rated current 8.5 - 15.5 A

Air Velocity 130 km/h

Air Volume 320 CFM

Mulching ratio 16:1

Weight
(without battery) 4.6 kg

Weight
(with heaviest battery) 6.3 kg

Vibration level (in accordance with Annex BB of EN 50636-2-100:2014)

Vibration total value 5.5 m/s²

Uncertainty of measurement 1.5 m/s²

Noise emission level (in accordance with Annex CC of EN 50636-2-100:2014)

A-weighted sound pressure level at the operator's position 87.9 dB(A)

Uncertainty of measurement 3.0 dB(A)

A-weighted sound power level 102 dB(A)

Uncertainty of measurement 1.5 dB(A)

$L_{WA} + K_{WA}$ 104 dB(A)

BATTERY AND CHARGER

Model RDV36

Compatible battery packs BPL3615, BPL3620D, BPL3626D, BPL3626D2, BPL3640D, BPL3650D, BPL3650D2, BPL3640D2, BPL3660D

Compatible chargers BCL3620S, BCL3650F, BCL3660F, BCL3617U, BCL3617S

REPLACEMENT PART

Bag RAC3012

VIBRATION LEVEL

⚠ WARNING

The declared vibration value has been measured with a standard test method and may be used to compare one tool with another.

The declared vibration value may be used in a preliminary assessment of exposure.

The vibration emission during actual use of power tool can differ from the declared total value depending on the ways in which the tool is used.

Identify safety measures to protect yourself based on an estimation of exposure in the actual conditions of use, taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time.





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