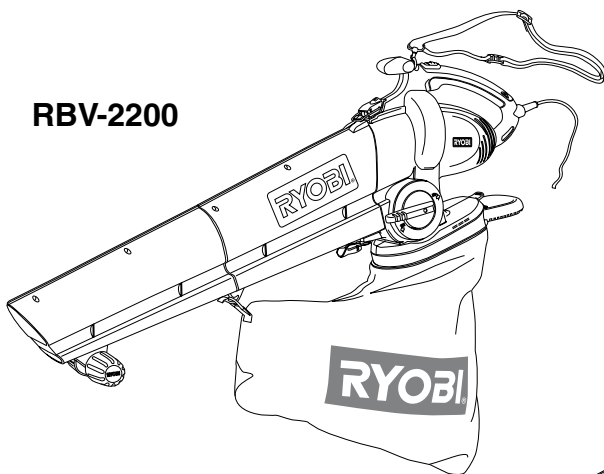


RYOBI®

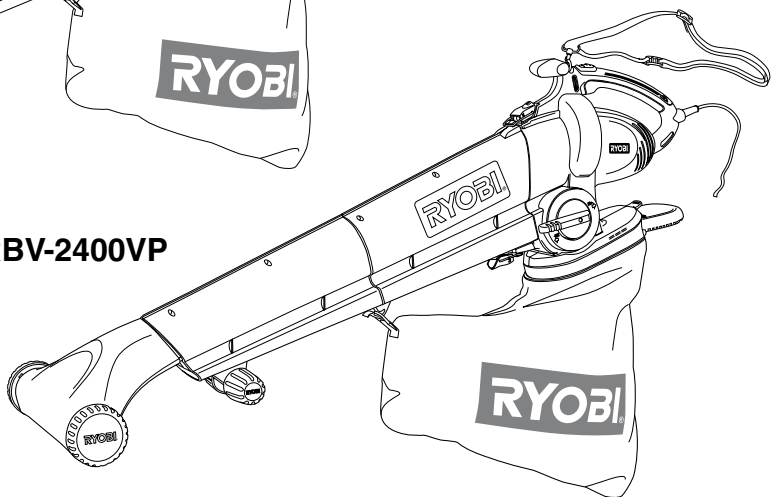
RBV-2200 / RBV-2400VP

ELECTRIC MULCHING BLOWER / VAC OPERATOR'S MANUAL

RBV-2200



RBV-2400VP



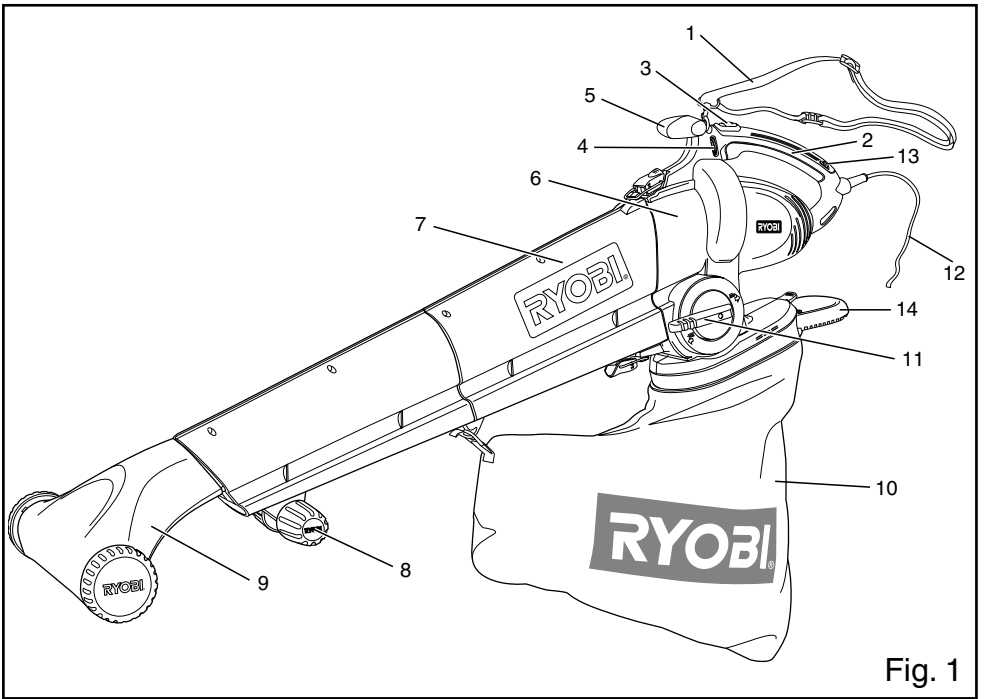


Fig. 1

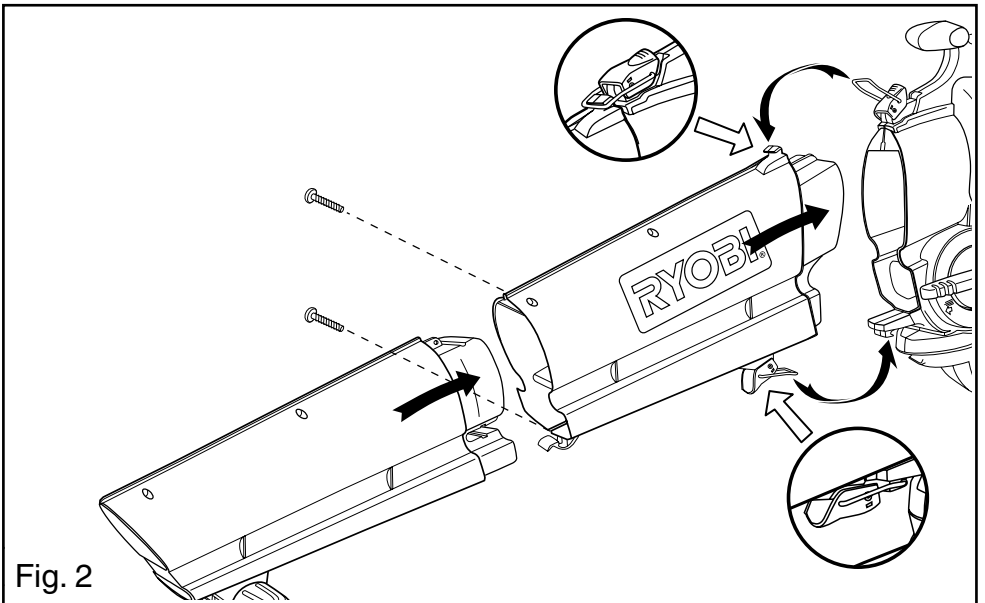


Fig. 2

Fig. 3

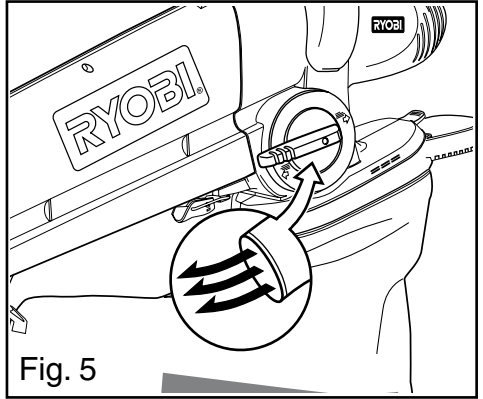
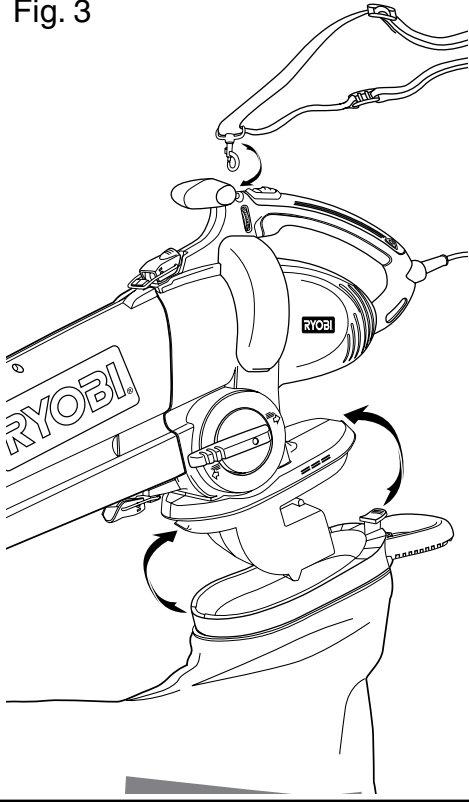


Fig. 5

Fig. 6

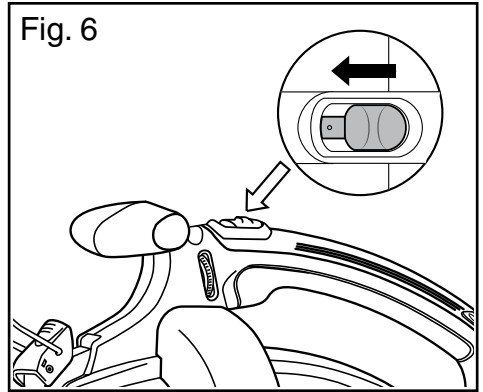


Fig. 7

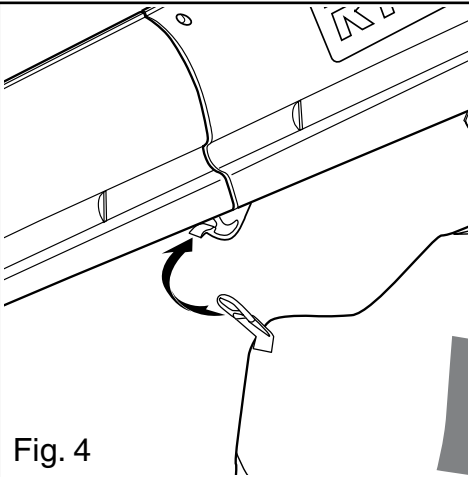
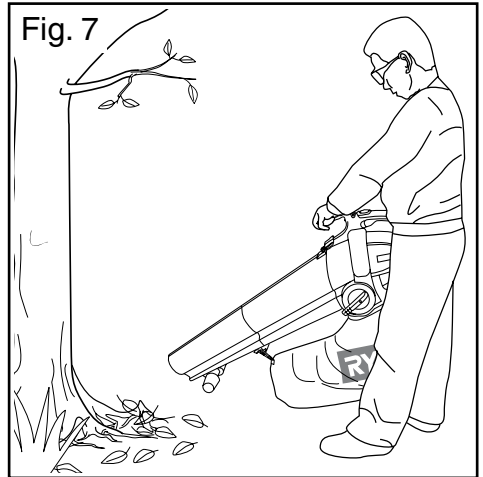
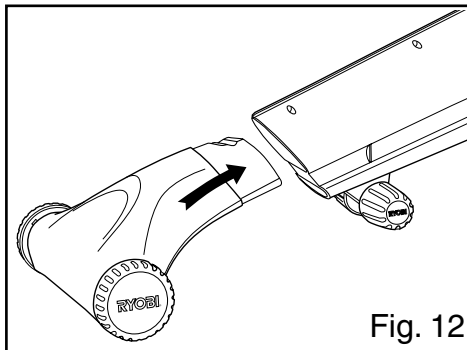
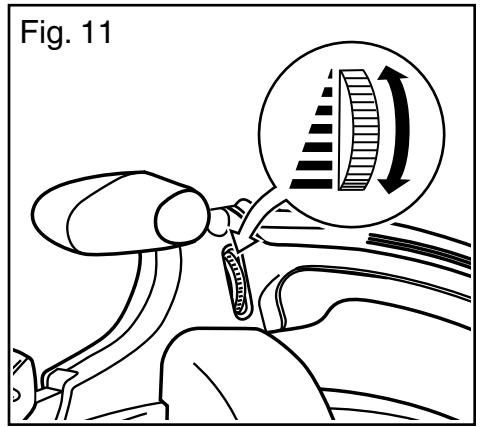
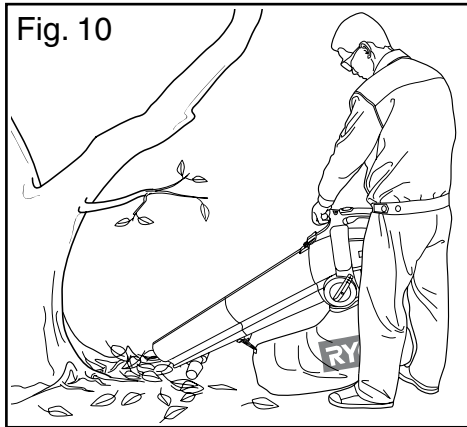
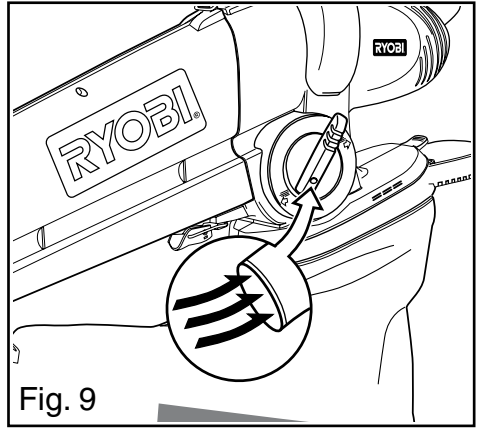
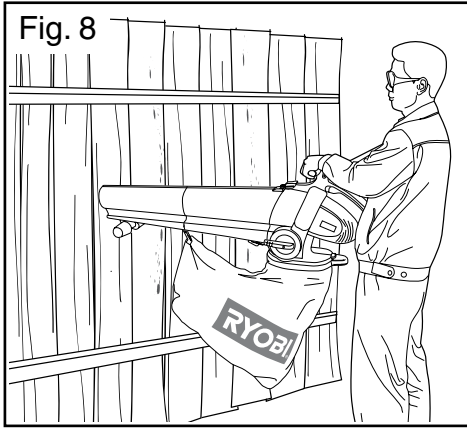


Fig. 4





GENERAL SAFETY RULES



WARNING

When using electric gardening appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury, including the following:

READ ALL INSTRUCTIONS.

- Be familiar with the controls and proper use of the product.
- Clear the work area before each use. Remove all objects, such as rocks, broken glass, nails, wire or string that can be thrown or damage the impeller.
- Wear heavy, long trousers, boots and gloves. Do not wear loose fitting clothing, shorts or go bare foot. Do not wear jewelry of any kind.
- Secure hair above shoulder level to prevent entanglement in moving parts.
- Do not allow children or untrained individuals to use this product.
- Keep all bystanders, especially children and pets, at least 15 m from the operating area.
- Do not operate this product when you are tired, ill or under the influence of alcohol, drugs or medication.
- Do not operate in poor lighting. Use the unit only in daylight or good artificial light.
- Keep firm footing and balance. Do not overreach. Overreaching can result in loss of balance or exposure to hazards.
- Keep all parts of your body away from moving parts.
- Inspect the product before use. Replace any damaged parts before use.
- Do not operate the product in damp or wet locations. Do not use the product in the rain.
- Wear safety glasses or goggles when operating this product.
- Use the right product. Use the product for the intended purpose only.
- Do not handle the product with wet hands.
- Do not use the product if the switch does not turn the product on or off. A product that cannot be controlled with the switch is dangerous and must be repaired.
- Avoid accidental starting.
- Use common sense when using this product. Stay alert and pay attention to what you are doing.
- Do not force the product. It will do a better job with less likelihood of a risk of injury when you operate it at the rate for which it was designed.

- Pull the plug out immediately if the mains or extension lead is damaged or severed.
- Disconnect the product from the power supply when it is not in use, before servicing and when changing accessories.
- The appliance is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the appliance.

SPECIFIC SAFETY RULES

SPECIFIC SAFETY RULES

- To prevent damage to your hearing, wear earplugs, helmet with a visor.
- Do not use the machine to pick up, water, liquids, pieces of glass, iron, stones or tin cans; this could damage your machine and chance to be injured.
- Do not use the machine to pick up hot embers or material, which is burning, smoking or smoldering. Do not use the machine to pick up material that has been contaminated by inflammable or explosive substance.
- Do not use the machine to pick up lighted cigarettes.
- Do not vacuum highly inflammable fumes. Always make sure that the material picked up by your machine is not inflammable, toxic, or explosive.
- Do not use without the dust bag in place.
- Do not manually insert objects into the suction nozzle.
- Do not put part of your body such as hands and fingers into the nozzle or exhaust opening.
- Do not switch the machine ON in enclosed or poorly ventilated space or in the presence of inflammable and / or explosive substance such as liquids, gas and powders.

ELECTRICAL SAFETY RULES

- Make sure the cord is located so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.
- Do not abuse the power cord. Never carry the product by the cord. Never pull the plug out of the power point by the cord. Keep the cord away from heat, oil and sharp edges.
- For outdoors work use only suitably approved extension cables with a min. conductor cross section of 1.5 mm². The plug connectors must have earthing contacts and be rain-water-proof.

SPECIFIC SAFETY RULES

- Inspect extension cords for deterioration, cuts or cracks in the insulation. Repair or replace the cords if any defects appear.
- A nameplate on the product indicates the unit's voltage. Never connect the product to an AC voltage that differs from this voltage.
- If the power cord or extension cable becomes damaged during use, disconnect the cord from the supply immediately. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.**
- Electrical power should be supplied via a Residual Current Device (RCD) with a tripping current of not more than 30 mA.
- To prevent electric shock, avoid contact with earthed parts.
- Only plug in when the machine is switched off.
- Hold the machine firmly in both hands when working with it.

MAINTENANCE RULES

- Maintain the product with care. Follow instructions for changing accessories. Keep the product dry, clean and free from oil and grease.
- Unplug the product before making adjustments or repairs.
- Do not use the product if parts have been damaged.
- Check the product regularly to make sure that it will operate properly and perform the intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts and any other condition that may affect the unit operation. Inspect the unit's power connection. Any part that is damaged should be properly repaired or replaced by a Ryobi authorised service centre.
- Keep the product clean of grass clippings and other materials that may become lodged in the air vents.
- Never douse or squirt the product with water or any other liquid. Do not use detergents or solvents. Keep handles dry, clean and free from debris.
- After each use, clean with a soft, dry cloth.

WARNING



Before carrying out any maintenance operations, cut off the electric power supply by disconnecting the plug from the mains.

SERVICE RULES

- Service on this product must be performed by qualified repair personnel only. Service or maintenance performed by unqualified personnel could result in injury to the user and/or damage to the product. Such service may also void your warranty.
- Use only identical replacement parts when servicing the product. Follow the instructions in the Maintenance section of this manual. Use of unauthorised parts or failure to follow maintenance instructions may create a risk of shock, serious injury to the user and/or damage to the product. Such use may also void your warranty.











STORAGE AND TRANSPORTATION RULES

- Store the product inside in a dry place.
- Store the product up high or lock it up to prevent unauthorised use or damage. Keep the product out of the reach of children.
- Secure the product when transporting it.
- Save these instructions. Refer to them frequently and use them to instruct others who may use this product. If you loan someone this product, loan these instructions also.




English

SYMBOLS

Some of the following symbols may be used on your tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool more safely and effectively.

SYMBOL	NAME	EXPLANATION
	Safety Alert	Precautions that involve your safety.
	Long Hair	Risk of long hair being drawn into air intake.
	Vacuum Door	Do not run unit while vacuum door is unsecured.
	Loose Clothing	Risk of loose clothing being drawn into air intake.
	Class II Construction	Double-insulated construction.
	Wet Conditions Alert	Do not expose to rain or use in damp locations.
	Read Operator's Manual	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Switch Off	Remove plug from mains before cleaning or maintenance.
	Eye and Hearing Protection	Wear eye and hearing protection when operating this equipment.
	Keep bystanders away	Keep all bystanders at least 15 m away.

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

SYMBOL	SIGNAL	MEANING
	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 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.

English

SERVICE

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service we suggest you return the product to your nearest AUTHORISED SERVICE CENTRE for repair. When servicing, use only identical replacement parts.



WARNING

Observe all normal safety precautions related to avoiding electrical shock.



WARNING

To avoid serious personal injury, do not attempt to use this product until you read thoroughly and understand completely the operator's manual. Save this operator's manual and review frequently for continuing safe operation and instructing others who may use this product.



WARNING

The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection.

SAVE THESE INSTRUCTIONS.

SPECIFICATIONS

SPECIFICATIONS

Voltage	220-240V ~ 50 Hz
Power	2,200 W
Air velocity	237 Km/h
Air volume	16 m ³ /min
Mulching ratio	10:1
Dust bag capacity	45 L
Vibration level	< 2.5 m/s ²

SPECIFICATIONS

Voltage	220-240V ~ 50 Hz
Power	2,400 W
Air velocity	185~237 Km/h
Air volume	10~16 m ³ /min
Mulching ratio	10:1
Dust bag capacity	45 L
Vibration level	< 2.5 m/s ²

RBV-2200

RBV-2400VP

DESCRIPTION

1. Shoulder Strap
2. Rear Handle
3. On/Off Switch
4. Speed Control Dial (Model RBV-2400VP only)
5. Front Handle
6. Motor Housing
7. Nozzle
8. Guide Wheels
9. Patio Head (Model RBV-2400VP only)
10. Dust Bag
11. Blower / Vac Mode Selection Lever
12. Power Cable & Plug
13. Live Tool Indicator
14. Dust Bag Holder

ASSEMBLY

ATTACHING THE NOZZLE (Fig.2)

- The nozzle(7) comes in two sections. Assemble the sections by slotting them together as shown in Fig.2. Ensure the sections have clicked into place and are aligned properly.
Fasten the sections together at the top and at the bottom, with screws provided.
- Slide the assembled nozzle into the motor housing(6). With the latches at the top and at the bottom, lock the nozzle in place.

ATTACHING AND REMOVING THE DUST BAG(10) (Fig.3 & 4)



CAUTION

Do not use the Blower/Vac in the vacuum mode without the dust bag(10) in place.

- Latch the front of the dust bag holder(14) to the front of the dust exhaust and then lift the dust bag handle side until the dust bag holder secures to the housing. see Fig.3
- Hang the strap at the front of the dust bag to the bottom of the nozzle. See Fig.4
- When removing the dust bag, detach the strap from nozzle first, then press the release on the dust bag holder and gently dislodge the dust bag off the motor housing.

SHOULDER STRAP(1) (Fig.3)

- Attach the metal fixture of the shoulder strap to the hole just in front of the ON/OFF switch.
- Adjust the shoulder strap to a length comfortable for your use.

OPERATION

- Plug the Blower/Vac into the mains supply. The LiveTool indicator(13) will light up.

Note: To reduce the risk of injury, safety switches are installed for the nozzle and dust bag. The Blower/Vac cannot be turned on unless the nozzle and dust bag are attached.

OPERATING AS A BLOWER

- Set the mode selection lever(11) to the position showing the arrow pointing forward. Ensure the lever has clicked to place and is rotated to the furthest point. See Fig.5
- Push the switch(3) to turn power on. See Fig.6
- Hold the Blower/Vac as shown in Fig.7, and sweep from side to side with the nozzle a few inches above the ground or floor. Move the Blower/Vac slowly, while accumulating a pile of debris.
- Use the blower on walls as shown in Fig.8.

OPERATING AS A VACUUM

- Set the mode selection lever(11) to the position showing the arrow pointing backward. Ensure the lever has clicked to place and is rotated to the furthest point. See Fig.9
- Make sure the dust bag is fitted properly.
- Push the switch(3) to turn power on. See Fig.6
- Position the suction mouth on the area to be cleaned.
- Hold the Blower/Vac with the nozzle close to ground as shown in Fig.10, tilting the nozzle slightly, and use a sweeping action to collect light debris. The debris will flow in to the dust bag. Things such as leaves and small twigs will be mulched as they pass through the fan housing, allowing the dust bag to hold a lot of debris.
- When the dust bag gets full, suction will noticeably decrease. Turn off and unplug the Blower/Vac before emptying the dust bag.



WARNING

When the impeller in the motor housing is clogged with twigs, nylon bags, etc. turn off and unplug the Blower/Vac, remove the nozzle and then the obstruction carefully.

SPEED CONTROL (RBV-2400VP ONLY)

The speed of the unit can be varied using the dial(4) in front of the handle.

- Rotate the dial anticlockwise to set higher speed and clockwise for lower speed. See Fig.11

PATIO HEAD(9) (RBV-2400VP ONLY)

The patio head(9) increases the area of suction when the unit is being used in vacuum mode.

- Slot the patio head into the nozzle until it is fully in. See Fig.12
- Use the patio head wheels to roll the Blower/Vac over the area being cleaned, in similar posture as for a vacuum cleaner.

EMPTYING THE DUSTBAG



WARNING

Wear eye protection and face shield to limit your exposure to dust and debris.

- Turn off and unplug the Blower/Vac from the mains.
- Empty the contents via the zip at the bottom of the bag.
- Alternatively, detach the dust bag from the motor housing and empty through the top.

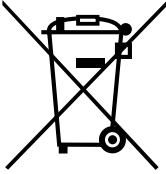
MAINTENANCE AND STORAGE

- Take care of your machine and clean it regularly to Obtain long-lasting efficiency and performance.
- When you have finished work, remove the dust bag, turn it upside down and clean it thoroughly.
- Use only a warm damp cloth and soft brush to clean your machine. Do not use petrol, turpentine, lacquer or paint thinner, dry cleaning fluids or similar products.
- If vacuum power decreases and the dust bag is empty, clean the shredding chamber carefully.
- Prior to storing your Blower / Vacuum after use, check to ensure the product is not clogged with dirt or debris and that the blow / vacuum mode selection lever is operating smoothly. Keep all nuts, bolts and screws tight to be sure your machine is in a safe working condition. Use only Ryobi replacement parts and accessories.

CLEANING THE DUST BAG

- Empty the dust bag after each use to avoid deterioration and obstruction of the air flow which will reduce the performance of the unit.
- Clean the dust bag as needed. With eye protection on, turn the dust bag inside out after initial emptying and vigorously shake out the dust and debris.

DISPOSAL



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

TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED

GUARANTEE



Subject to the guarantee condition below, this Ryobi tool (hereinafter called "the product") is guaranteed by TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED (hereinafter called "the Company") to be free from defects in material or workmanship for a period of 24 months from the date of original purchase covering both parts and labour. Under the terms of this guarantee, the repair or replacement of any part shall be the opinion of the Company or its authorised service centre. Should service become necessary during the warranty period, the owner should contact the customer service HELPLINE 1300 361 505 or contact the retailer from whom the product was purchased.

In order to obtain guarantee service, the owner must present the sales docket and Guarantee Certificate to confirm date of purchase. This product is sold by the dealer or service centre as principal and the dealer has no authority from the Company to give any additional guarantee on the Company's behalf except as herein contained or herein referred to.

Guarantee Conditions

This guarantee only applies provided that the Product has been used in accordance with the manufacturer's recommendations under normal use and reasonable care (in the opinion of the Company) and such

guarantee does not cover damage, malfunction or failure resulting from misuse, neglect, abuse, or used for a purpose for which it was not designed or is not suited and no repairs, alterations or modifications have been attempted by other than an authorised service centre. This guarantee will not apply if the tool is damaged by accident or if repairs arise from normal wear and tear.

The Company accepts no additional liability pursuant to this guarantee for the costs of travelling or transportation of the Product or parts to and from the service dealer or centre - such costs are not included in this guarantee.

Certain legislation, including the Trade Practices Act, 1974 (as amended) and other state and territorial laws give rights to the buyer and impose liability on the seller in certain circumstances. Nothing herein shall have the effect of excluding, restricting or modifying any condition, guarantee, right or liability imposed, to the extent only that such exclusion, restriction or modification would render any term herein void.



TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED

A.B.N. 98 002 277 509

SYDNEY: Building B, Rosehill Industrial Estate, 3-5 Shirley Street, Rosehill N.S.W. 2142

Contact during normal business hours.

Tel: 1300 361 505 - Fax: 1800 807 993 - www.ryobi.com.au

ALL AUSTRALIAN ENQUIRIES TEL : 1300 361 505

WEST AUSTRALIAN ENQUIRIES TEL : (08) 9455 7775

TECHTRONIC INDUSTRIES N.Z. LIMITED

AUCKLAND: 27 Clemow Drive, Mt Wellington, N.Z.

Tel: (09) 573 0230 - Free Call: 0800 279 624 - Fax: (09) 573 0231 - www.ryobi.co.nz

Contact during normal business hours.

This Guarantee Form Should Be Retained By The Customer At All Times

For your record and to assist in establishing date of purchase (necessary for in-guarantee service) please keep your purchase docket and this form completed with the following particulars.

Purchased From _____

Address Of Dealer _____

Date _____ Model No _____ Serial No _____

Present This Form With Your Purchase Docket When Guarantee Service Is Required.