

RYOBI®

RGS1500R

ELECTRIC GARDEN SHREDDER OWNER'S OPERATING MANUAL



Your garden shredder has been engineered and manufactured to our high standard for dependability, ease of operation, and operator safety. Properly cared for, it will give you years of rugged, trouble-free performance.



WARNING: To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

Thank you for your purchase. **SAVE THIS MANUAL FOR FUTURE REFERENCE**

TABLE OF CONTENTS

● Introduction	Page 1
● Product Description	Page 2
● General Safety Rules	Page 6
● Specific Safety Rules	Page 6
● Specifications	Page 7
● Assembly	Page 7
● Operation	Page 7
● Maintenance & Troubleshooting	Page 8
● Warranty	Page 10
● Parts Ordering/Service	Page 10

INTRODUCTION

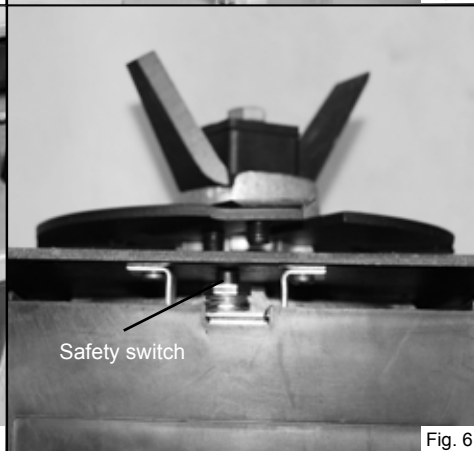
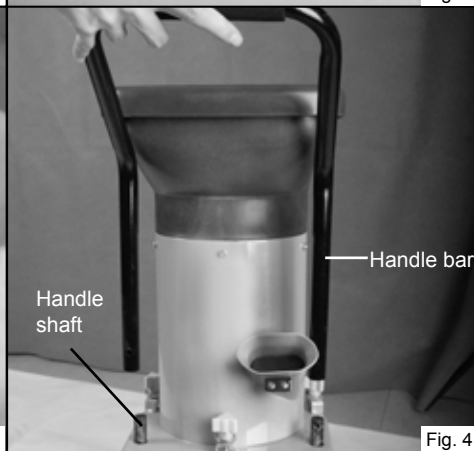
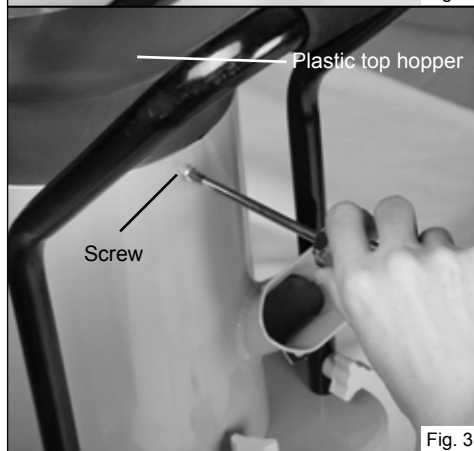
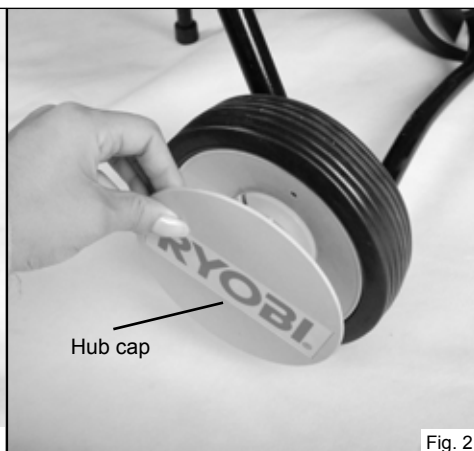
This product has many features for making its use more pleasant and enjoyable. Safety, performance, and dependability have been given top priority in the design of this product making it easy to maintain and operate.

PRODUCT DESCRIPTION

- | | |
|--------------------------|---------------------------|
| 1. Top hopper | 6. Top hopper securing |
| 2. Handle | knobs |
| 3. Handle securing knobs | 7. Side chute (see figure |
| 4. Wheels | 12). |
| 5. Debris ejection chute | |



PRODUCT DESCRIPTION



PRODUCT DESCRIPTION

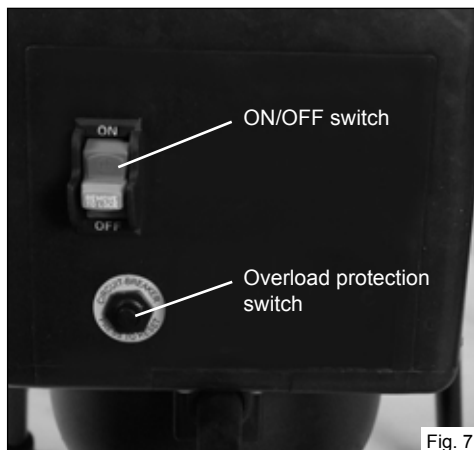


Fig. 7



Fig. 8

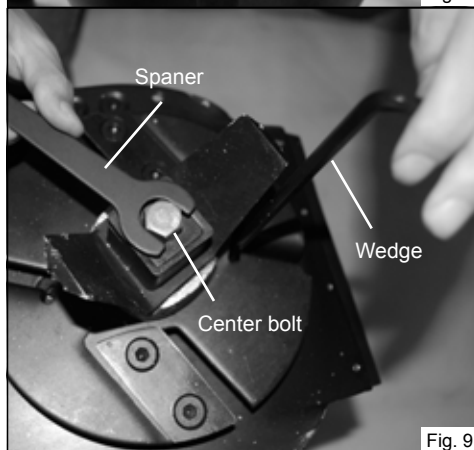


Fig. 9

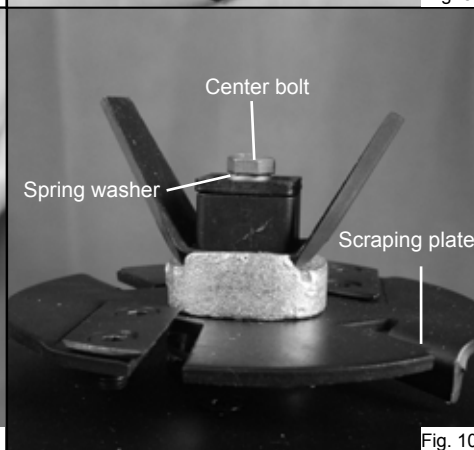


Fig. 10

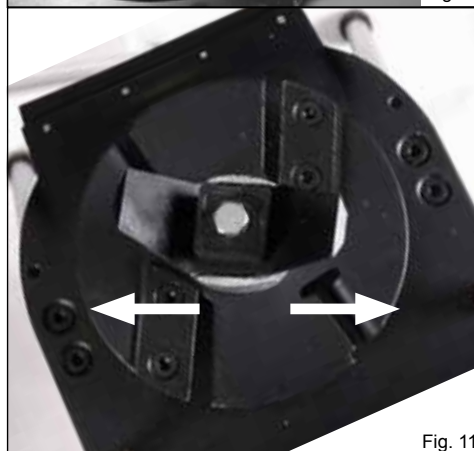
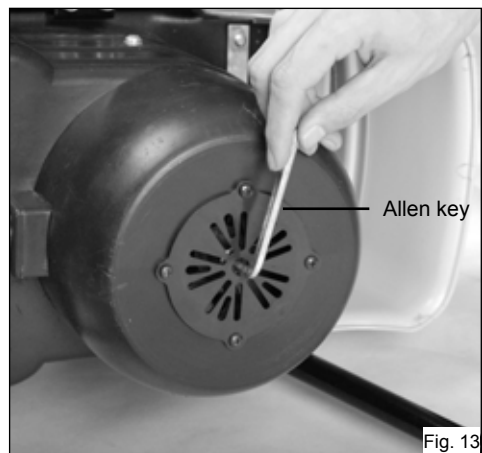


Fig. 11



Fig. 12

PRODUCT DESCRIPTION



GENERAL SAFETY RULES



WARNING

This appliance complies with the compulsory safety regulations for electric equipment. However, improper use can be harmful to people and property. Please read these operating instructions carefully and completely before switching the appliance on. Save these instructions. Refer to them frequently and use them to instruct others who may use this product. If you loan someone this tool, loan them these instructions also.



WARNING

The appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with the appliance.



WARNING

When using this garden shredder basic safety precautions, including the following, should be followed to reduce the risk of fire, electric shock and personal injury. Read all of these safety instructions carefully before operating this garden shredder. Make sure that you are familiar with the controls and the proper and safe use of the garden shredder.

- This appliance 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 use of the appliance by a person responsible for their safety.

SPECIFIC SAFETY RULES

TRAINING

- Become familiar with this user guide before attempting to operate this shredder.
- Never allow children or people unfamiliar with these instructions to use the garden shredder. Local regulations may restrict the age of the operator.
- The operator or user of this garden shredder is responsible for accidents or hazards occurring to other people or their property.

PREPARATION

- Do not allow children to operate this equipment.
- Do not operate this equipment in the vicinity of bystanders.
- Wear ear protection and safety glasses at all times while operating the machine.
- Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
- Only operate the machine in open space (e.g. not close to a wall or a fixed object) and on a firm, level surface.
- Do not operate the machine on a paved or gravel surface where ejected material could cause injury.
- It is recommended that the shredder should be used with a Residual Current Device (RCD) with a tripping current of no more than 30mA.
- Before starting the machine, check that all screws, nuts, bolts, and other fasteners are properly secured and that guards and screens are in place. Replace damaged or unreadable labels.
- Do not use this machine in wet, damp or raining conditions.

OPERATION

- Before starting the machine, look into the feeding chamber to make certain that it is empty.
- Keep your face and body away from the feed intake opening.
- 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 balance and footing all times. Do not overreach. Never stand at a higher level than the base of the machine when feeding material into it.
- Always stand clear of the discharge zone when operating this machine.
- When feeding material into the machine be extremely careful that pieces of metal, rocks, bottles, cans or other foreign objects are not included.
- If the cutting mechanism strikes any foreign objects or if the machine should start making any unusual noise or vibration, shut off the power source and allow the machine to stop. Disconnect from supply and take the following steps:
 - Inspect for damage.
 - Check and tighten any loose parts.
 - Have any damaged parts replaced or repaired with parts having equivalent specifications.

SPECIFIC SAFETY RULES

- 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 feed intake opening.
- If the machine becomes clogged, shut off the power source and disconnect from supply before clearing debris. Keep the power source clear of debris and other accumulations to prevent damage to the power source or possible fire. Remember that operating the starting mechanism on engine powered machines will still cause the cutting means to move.
- Keep all guards and deflectors in place and in good working condition.
- Do not transport the machine whilst connected to a live power source.
- Always switch the shredder off and disconnect from the power source whenever you leave the work area.
- Do not tilt the machine whilst the unit is running.

MAINTENANCE AND STORAGE

- When the machine is stopped for servicing, inspection, storage, or to change an accessory, disconnect the power source, make sure that all moving parts have come to a complete stop and, where a key is fitted remove the key. Allow the machine to cool before making any inspections, adjustments, etc.
- The unit is fitted with an interlock feature which will disable the shredder from operation when the metal housing is removed. When servicing the cutting means be sure to disconnect the power supply as a secondary precaution. Always wear protective equipment when servicing blades, as the sharp edges are capable of inflicting serious injury.
- Turn the shredder off and wait for all moving parts to stop before clearing the clippings or attaching or removing a collection device from the front of the debris chute.
- Cord replacement should only be carried out by an authorised person or by a Ryobi authorised service centre.

SPECIFICATIONS

Voltage	240V ~50Hz
Power input	1500W
No load speed	2850 min ⁻¹
Max. branch size	Ø35 mm
Sound level under load	75db
no load	105db
V-Blade spare part number	RGS1500R-27
Marblade spare part number	RGS1500R-24
Blade screw spare part number	RGS1500R-25
Net weight	29 kg

ASSEMBLY

ASSEMBLE FRAME & WHEELS

- Align the holes in the wheels to the holes in the axle section of the frame and secure tightly with the bolts, spring washers and nuts provided as shown in Fig. 1.
- Affix the hub caps to the wheels. (Fig. 2)

TOP HOPPER

- Place the Top Hopper onto the metal feed tube and align the screw holes. Secure the hopper to the metal body using the screws provided. (Fig. 3)

HANDLE

- Insert the handle bar into the handle shafts located at the rear of the machine. Align the holes in the handle bar to the holes in the handle shafts and secure with the 2 knobs as shown in Fig. 4 & 5.

SAFETY SWITCH

- The safety switch that is located on the cutter base is activated when the metal Top Hopper assembly is removed to help prevent accidental starting. The safety switch does not require assembly and if needed, should only be serviced by an authorised Ryobi service centre Fig. 6

OPERATION

Read and understand the safety instructions in this owner's manual before using your SHREDDER.

- Connect the machine to a suitable power outlet. To start the machine, place the On/Off switch located at the rear of the motor to "ON" position. Fig. 7. To stop the machine, switch to the "OFF" position.

ATTACHING MULCH BAG or COLLECTION DEVICE

- You may place a heavy duty garbage bag or

OPERATION

collection device (not supplied) to the shredder discharge chute (Fig.8). Always turn the shredder off and wait for all moving parts to stop before attaching or removing a collection device from the front of the debris chute.

MAINTENANCE & TROUBLESHOOTING

Your SHREDDER has been designed for a low level of maintenance, involving routine cleaning and inspection. The motor of the machine is maintenance free and requires no attention. For best results the blades must be kept sharp at all times. The blades have dramatically less cutting power when dull. The machine will tear rather than cut when the blades are dull. When this occurs rotate the double sided blades or replace the blades immediately.



WARNING

Before attempting any maintenance, switch the machine off and disconnect the power cord from power source.

JAMMING

If blades become jammed, switch off the machine and disconnect the power cord from the power source. Always wear gloves when attempting maintenance of the cutting chamber. Unscrew and remove the handle and the 3 Top Hopper assembly knobs. Remove the Top Hopper assembly by lifting and slightly tilting forward. Carefully remove the obstruction from the cutting chamber.



WARNING

Take extreme care not to come in contact with cutting blades. Assemble the Top Hopper in reverse order stated above.



WARNING

If ejection chute becomes clogged or cutting blades become jammed, under no circumstances should you place your hands in the ejection chute to try to clear the obstruction as this will lead to serious injury.

V-CUTTER MAINTENANCE

- Switch the machine off and disconnect the power cord ensuring all moving parts are completely stopped.
- Wear gloves when attempting any maintenance to the cutting blades.
- If blades require replacing, ensure you use genuine Ryobi parts.

DISASSEMBLY

- Unscrew and remove the handle and the 3 Top Hopper assembly knobs. Remove the Top Hopper assembly by lifting and slightly tilting forward.
- Rotate the cutter base counterclockwise and place a suitable wedge between the cutter base scrapping plates to stop the cutting base from rotating. Fig. 9
- Remove the center bolt by turning it counterclockwise using a wrench.
- Remove the square washer, square bushing, V-cutting blades and V-cutter base.

SHREDDING BLADES MAINTENANCE

- To inspect or replace the double sided shredding blades there is no need to remove the V-cutter or cutting base. To remove simply undo the countersunk screws with the hex wrench provided with the machine and turn them 180°. These blades are double ground and can be used on both sides. When dull on both sides replace with new blades and make sure they are screwed in tightly.

ASSEMBLY

- This is carried out in the reverse order to that of the disassembly but with careful inspection of all components.
- Ensure that the cutter base is assembled with the scraping plates facing down towards the motor and that the spring washer is situated under the head of the center hold down bolt. Fig. 10
- Before replacing the top cover assembly, ensure that the V-cutter is positioned as shown in Fig. 11. This will ensure easier fitment of the metal Top Hopper housing.
- Replace the metal Top Hopper assembly by slightly tilting it forward, and hooking it under the metal tongue on the cutter base plate. Secure with the three Top Hopper assembly knobs. Then refit the handle.

CLEANING

- After use, always wipe clean the outside of the machine to remove any build up of material with a damp cloth.
- During normal operating conditions the shredder should clear out all materials in the cutting chamber. If the cutting chamber becomes clogged or requires cleaning turn the machine off, disconnect from any power source and refer to the jammed and blade maintenance instructions.

MAINTENANCE & TROUBLESHOOTING

TOP HOPPER – FRONT CHUTE

- The sloping chute of the Top Hopper is designed to accept leaves and small garden clippings. Shredding and mulching is achieved by natural suction of the debris through the blade chamber. Do not overload and do not feed wet, soggy material into the machine as this may clog the blade chamber and the discharge chute.
- If a finer mulch is required than is initially achieved, re-feed the mulch through again until the desired result is obtained.

DO NOT FEED SOLID BRANCHES THOUGH THE TOP HOPPER CHUTE.

SIDE CHUTE

- The chute located at the rear of the machine is specially designed to accept solid garden clippings and larger branches.

IMPORTANT:

When feeding long, large diameter material, control the rate of feed by pulling back on the material so as not to stall or overload the motor.



WARNING

Do not under any circumstances place hands inside the feeding chutes while the machine is in operation. Force feeding of debris is not necessary due to the natural suction of the machine.

MOTOR JAMMING

- If the motor stalls and stops due to overloading or other cause, turn off the power switch and disconnect the shredder from power source. Use the provided allen key to turn the motor shaft through the hole on the bottom of the motor house. This should free up the movement of the cutting disc (Fig.13).
- Once there is free movement in the cutting disc, remove the allen key and reconnect the machine to the power source.
- If the shredder remains blocked, please follow the instructions below.

OVERLOAD PROTECTION AND MOTOR JAMMING

- If the motor stalls and stops due to overloading or other cause, the overload protective device (circuit breaker) will engage and cut power to the motor. If this happens turn off the power switch and disconnect the shredder from power source.

- Unscrew and remove the handle and the 3 Top Hopper assembly knobs. Remove the Top Hopper assembly by lifting and slightly tilting forward. Carefully remove the obstructions from the cutting chamber.
- Make sure there is free movement in the cutting disc before reinstalling the metal hopper.
- Before replacing the top cover assembly, ensure that the V-cutter is positioned as shown in Fig. 11. This will ensure easier fitment of the metal Top Hopper housing.
- Replace the metal Top Hopper assembly by slightly tilting it forward, and hooking it under the metal tongue on the cutter base plate. Secure with the three Top Hopper assembly knobs. Then refit the handle.
- Press in and release the reset button (circuit breaker, Fig. 7) and reconnect the machine to the power source.

TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED

LIMITED WARRANTY

TTI warrants this outdoor product to be free of defects in material and workmanship for 24 months from the date of purchase by the original purchaser, subject to the limitations below. Please keep your invoice as proof of date of purchase.

This warranty is only applicable where the product is used for personal and non-commercial purposes.

This warranty does not cover damage or liability caused by / due to misuse, abuse, accidental or intentional acts by user, improper handling, unreasonable use, negligence, failure by end user to follow operating procedures outlined in the user's manual, attempted repair by non qualified professional, unauthorized repair, modification, or use of accessories and/or attachments not specifically recommended by authorized party. Please see your local dealer for list of authorized service centre's in your area.

This warranty does not cover belts, brushes, bags, bulbs, blades, or any part which ordinary wear and tear results in required replacement during warranty period. This warranty does not cover transportation cost or consumable items such as fuses and batteries.

This limited warranty is void if the product's original identification (trade mark, serial number, etc.) markings have been defaced, altered or removed or if product is not purchased from an authorized reseller or if product is sold AS IS and / or WITH ALL FAULTS.

Where permitted, the provisions of this limited warranty are in lieu of any other written warranty, whether express or implied, written or oral, including any warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL WE BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES. OUR MAXIMUM LIABILITY SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.

This warranty is applicable only in Australia, and New Zealand. Outside these areas, please contact your authorized Ryobi dealer to determine if another warranty applies.



TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED.

DONCASTER VICTORIA AUSTRALIA

Tel: (03) 9840 3200 1300 361 505 Fax: 1800 807 993

TECHTRONIC INDUSTRIES (NZ) LIMITED.

AUCKLAND NEW ZEALAND

Tel: + 64 (0) 9 573 0230 Free Call: +64 0800 279 624 Fax: + 64 (0) 9 573 023

SERVICE

For parts or service, contact your nearest Ryobi authorised service dealer. Be sure to provide all relevant information when you call or visit. For the location of the authorised service dealer nearest you, please call 1300 361 505 (Aust) or 9573 0230 (NZ)

REPAIR PARTS

The model number of this tool is found on a plate or label attached to the housing.

Please record the serial number in the space provided below.

MODEL NUMBER _____ SERIAL NUMBER _____