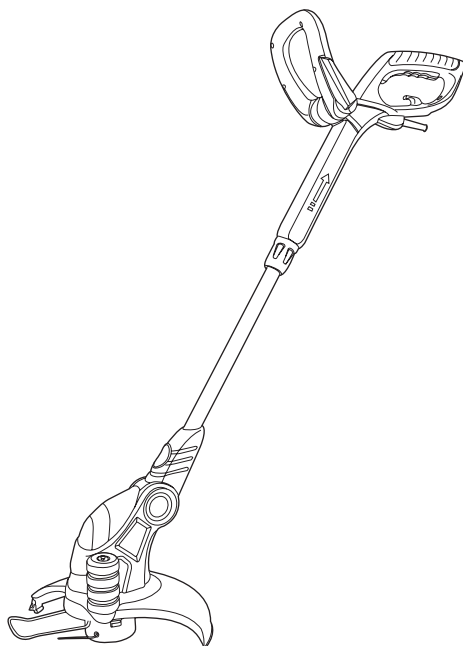


RYOBI®

RLT-710

Ⓒ OWNER'S OPERATING MANUAL



RYOBI®

OWNER'S OPERATING MANUAL ELECTRIC LINE TRIMMER MODEL RLT-710

SPECIFICATIONS

Voltage	230V~50Hz
Power input	710W
Cutting blade speed	11000min ⁻¹
Cutting diameter	290mm
Diameter of line	1.5mm
Net weight	3.5kg

THANK YOU FOR BUYING A RYOBI ELECTRIC LINE TRIMMER

Your new line trimmer has been engineered and manufactured to Ryobi's high standard of dependability, ease of operation, and operator safety. Properly cared for, it will give you years of rugged, trouble free performance. If you use your lawnmower properly and only for what it is intended, you will enjoy years of safe, reliable service.



CAUTION: Carefully read through this entire owner's manual, pay close attention to the general safety rules and rules for safe operation, before using.

KEEP THIS MANUAL FOR FUTURE REFERENCE

GENERAL SAFETY RULES

The purpose of safety rules is to attract your attention to possible dangers. The safety symbols and the explanations with them, require your careful attention and understanding. The safety warnings by themselves do not eliminate any danger. The instruction or warnings they give are not substitutes for proper accident prevention measures.



SAFETY ALERT SYMBOL

Indicates danger, caution or warning. May be used in conjunction with other symbols or pictures.

Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

Do not attempt to operate this tool until you have read thoroughly and completely understood the safety rules, etc. contained in this manual. Failure to comply can result in accidents involving fire, electric shock or serious personal injury. Save this *Owners Operating Manual* and review it frequently for continual safe operation and for instructing others who may use this tool.



The operation of any 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 eye glasses or standard safety glasses with side shields.

WARNING: This machine is manufactured in accordance with the relevant safety requirements. To assure safety and reliability, all repairs should be performed by an Authorised Service Centre or other Qualified Service Organisations

RULES FOR SAFE OPERATION

- 1. KNOW YOUR TOOL.** Read this *Owners Operating Manual* carefully. Learn its applications and limitations as well as the specific potential hazards related to this tool.
- 2. GUARD AGAINST ELECTRICAL SHOCK.** Prevent body contact with grounded surfaces and objects such as water pipes, radiators, cookers and refrigerator enclosures.
- 3. KEEP WORK AREA CLEAN.** Cluttered work areas and benches invite accidents and injury.
- 4. AVOID DANGEROUS WORK ENVIRONMENTS.** Do not use power tools in damp or wet locations or expose power tools to rain. Do not use power tools in the presence of flammable liquids or gases as normal sparking of the motor could ignite fumes. Keep work areas well lit.
- 5. KEEP CHILDREN AND VISITORS AWAY.** Visitors and children should wear safety glasses and be kept a safe distance from the work area. Do not let others make contact with the tool or extension cord.
- 6. AVOID UNINTENTIONAL STARTING.** Always check that the switch is in the OFF position before plugging in the tool to the power supply. Do not carry a plugged in tool with your finger on the switch.
- 7. STORE TOOLS SAFELY.** When not in use, tools should be stored in a dry, high and locked-up place, out of reach of children.
- 8. DISCONNECT IDLE TOOLS.** Switch off the power and disconnect the plug from the power supply before servicing, when changing accessories and when the tool is not in use.
- 9. DO NOT FORCE THE TOOL.** The tool will do the job better and safer working at the rate for which it was designed.
- 10. USE THE CORRECT TOOL FOR THE JOB.** Do not force small tools or attachments to do the job of a heavier duty tool. Never use a tool for a purpose for which it was not intended.
- 11. DRESS CORRECTLY.** Do not wear loose clothing or jewelry, they can be caught in moving parts. Rubber gloves and non-slip footwear are recommended when working outdoors. If you have long hair, wear a protective hair covering.

RULES FOR SAFE OPERATION


- 12. ALWAYS USE SAFETY ACCESSORIES.** Safety glasses and earmuffs should always be worn. Everyday eyeglasses have impact resistant lenses only, they are not safety glasses. A face or dust mask is also required if dust is going to be created.
- 13. DON'T OVERREACH.** Keep proper footing and balance at all times. Do not use tool on a ladder or unstable support. Secure tools when working at elevated levels.
- 14. SECURE YOUR WORK.** Use clamps or a vice to hold your work. It is safer than using your hands and it frees both hands to operate the tool.
- 15. MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and, if damaged have them repaired by an authorised service facility. Inspect extension cords periodically and replace them if damaged. Keep tool handles dry, clean and free from oil and grease. Never use brake fluids, gasoline, petroleum based products, or any strong solvents to clean your tools.
- 16. REMOVE ADJUSTING KEYS AND WRENCHES.** Check to see that keys and adjusting wrenches are removed from the tool before switching it on.
- 17. CONNECT DUST EXTRACTION EQUIPMENT.** If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.
- 18. CHECK DAMAGED PARTS.** Before using a tool, check that there are no damaged parts. If a part is damaged, carefully determine if it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, proper mounting and any other conditions that may affect the operation of the tool. A part that is damaged should be properly repaired or replaced by an authorised service centre, unless otherwise indicated in this *Owner's Operating Manual*. Defective switches must be replaced by an authorised service centre. Do not use a tool if the switch does not turn the tool on and off correctly.
- 19. USE ONLY APPROVED PARTS.** When servicing, use only identical replacement parts. Use an authorised service centre to fit replacement parts.
- 20. DO NOT ABUSE THE CORD.** Never carry the tool by its cord or yank it to disconnect it from the socket. Keep the cord away from heat, oil and sharp edges.
- 21. OUTDOOR USE EXTENSION CORDS.** When the tool is used outdoors, use only extension cords intended for use outdoor and so marked.
- 22. STAY ALERT AND EXERCISE CONTROL.** Watch what you are doing and use common sense. Do not operate a tool when you are tired. Do not rush.
- 23. DO NOT OPERATE THIS TOOL WHILE UNDER THE INFLUENCE OF DRUGS, ALCOHOL OR ANY MEDICATION.**



WARNING:

If using an extension lead, ensure that the male and female plug connection is elevated and out of the way of any water contact.

SPECIFIC SAFETY RULES FOR LINE TRIMMER

1. Your line trimmer is a high-speed, fast cutting power tool. The electrical connection and cutting tools are potential sources of danger. Therefore, special safety precautions must be taken to reduce the risk of personal injury.
2. Never allow children or people unfamiliar with these instructions to use the line trimmer.
3. The operator or user of this line trimmer is responsible for accidents or hazards occurring to other people or their property.
4. Keep children and bystanders away. Never trim while people are close by.
5. Always wear proper footwear and long trousers.
6. Do not operate this line trimmer when barefoot or wearing open sandals.
7. Never use the line trimmer with a damaged guard or without the guard in place.
8. Never work with line trimmer while under the influence of alcohol or drugs.
9. Never attempt to modify your line trimmer in any way since it may increase the risk of personal injury. Do not use wire or metal reinforced line. We shall not be liable to any personal injury or damage to property caused by a modification of the tool.
10. Do not run with the line trimmer.
11. Only use your line trimmer for cutting grass and weeds, never for other purposes.
12. Only use the line trimmer in daylight or strong artificial light.
13. We recommend, using a Residual Current Device (RCD) with a tripping current of not more than 30mA.
14. Use only extension cables suitable for outdoor use, preferably with a high visibility cord. Specification as below:
 - For extension cables up to 15 meters, use a wire with a cross section of 1.5mm²
 - For extension cables over 15 meters and less than 40 meters, use a wire with a cross section of 2.5mm²
15. Before use, check the line trimmer is in good condition and that it is operating properly. Pay Special attention to extension cable, power outlet, switch, and cutting head.
16. Before use, check the line and extension cords. Do not use the line trimmer if the cord is damaged or worn.
17. Protect your extension cable from sharp objects, excessive heat, and damp or wet locations.
18. Keep the extension cord away from rotating nylon line.
19. If the insulation on the power cable or extension cable is damaged during use, disconnect the power supply immediately and have the damaged cable replaced. Do not touch the cable before disconnecting the supply!
20. Switch on the line trimmer according to these instructions and keep you hands and feet well away from the cutting line!
21. Always hold your line trimmer firmly, make sure you always maintain a good balance and secure footing.
22. Make sure the open side of the protection guard is pointing away from yourself before you switch on the line trimmer.
23. Do not operate the line trimmer on wet grass, or under damp conditions.
24. Take special care in slippery conditions on slopes and uneven ground.
25. Watch for hidden obstacles such as tree stumps and roots to avoid stumbling.
26. Check the cutting head at regular intervals. If the behavior changes (excessive noise, vibration etc.) immediately:
 - Switch off!
 - Holding the trimmer firmly press the head against the ground and bring to a complete stop.
 - Disconnect the mains supply.
 - Check the condition of the cutting head; look for damage, missing parts and cracks.
27. Have the damaged cutting head replaced immediately even if it only has superficial cracks. Never attempt to repair a damaged cutting head.
28. Only use original cutting heads and replacement spools. Never use metal cutting lines.
29. **Warning!**
 -  Danger of injury by the line cutting device. After replacing a spool, be sure to bring the unit into normal working position before turning it on again.
30. Clean the plastic parts with damp cloth only.
31. Never leave your grass trimmer outdoors in the rain. Store your tool in a dry place, keep out of reach of children.

SPECIFIC SAFETY RULES FOR LINE TRIMMER

32. **Warning!**

1) The nylon line continues to rotate after the motor is switched off.



2) Do not put your hands or feet near or under the rotating parts when the machine is turned on.

3) Switch off the trimmer and disconnect the power supply :

- Before you leave the machine.
- Before checking, cleaning and working on the machine.
- After striking a foreign object. Inspect the tool for damage.
- If the grass trimmer starts to vibrate abnormally.

33. Always ensure that ventilation openings are kept clear of debris.

34. Take care against injury from the blade fitted for trimming the cutting line.

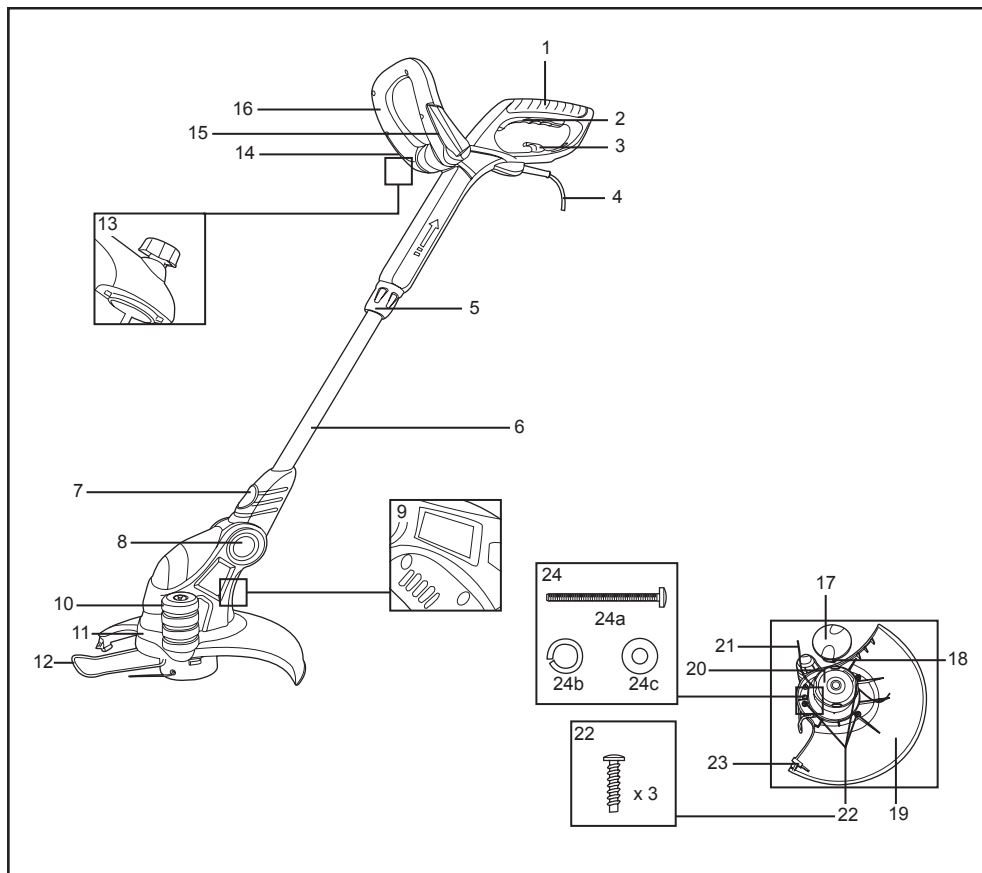
Warning!



There is a sharp blade fitted to the guard for cutting the line to length. Keep your fingers clear.


35. After extending new cutting line always return the machine to its normal position before switching on.

DESCRIPTION



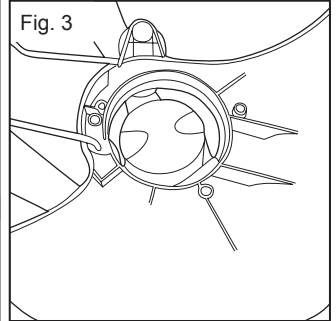
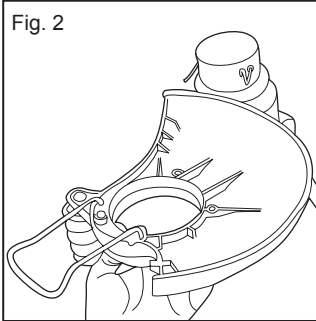
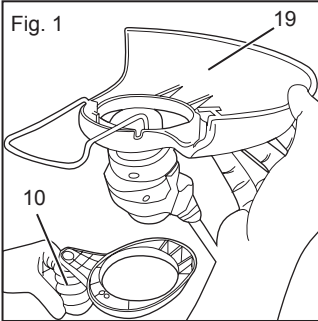
- | | |
|--|--|
| <ul style="list-style-type: none"> 1. Rear handle 2. Trigger switch 3. Cable strain relief 4. Power cord 5. Locking sleeve for length adjustment 6. Telescopic tube 7. Unlocking button for trimmer head angle adjustment 8. Unlocking button for pivot head adjustment 9. Air vent 10. Edging support wheel 11. Trimmer head 12. Edge guide 13. Auxiliary handle fixing bolt 14. Handle support | <ul style="list-style-type: none"> 15. Auxiliary handle locking lever 16. Auxiliary handle 17. Cutting head cover 18. Release latch for cutting head cover 19. Safety guard 20. Line spool 21. Trimming line 22. Screws – mounting safety guard and wheel assy 23. Knife 24. Fastenings – mounting safety guard and trimmer head <ul style="list-style-type: none"> a. Bolt b. Spring washer c. Washer |
|--|--|

PREPARATION

 **Warning!** Do not connect the machine to the mains socket before it is completely assembled.

FITTING GUARD

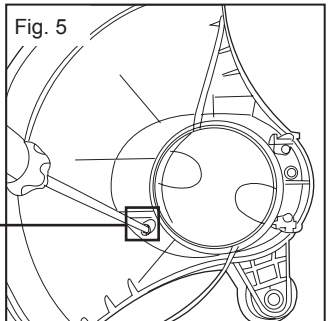
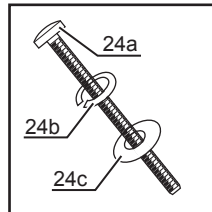
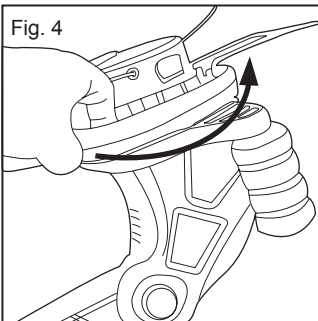
1. Align the edging support wheel (10) with the safety guard (19) (Fig. 1)



2. Secure the edging support wheel and the safety guard with the screws (22) (Fig. 2).

3. Align the spigot of the edging support wheel-guard assembly with the notch at the trimmer head (11) and place the wheel-guard-assembly on the trimmer head (Fig. 3).

4. Turn the wheel-guard assembly along with the trimmer head anticlockwise until it locks in place (Fig. 4).



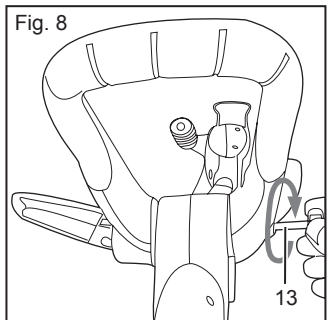
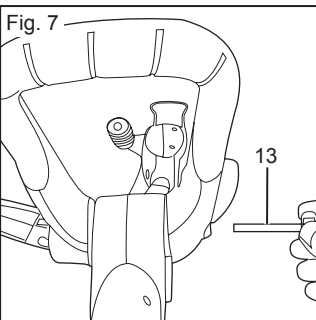
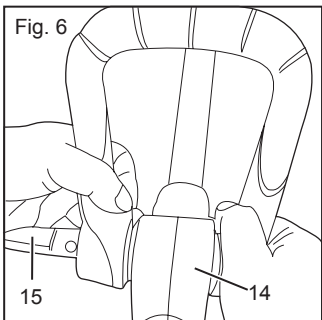
5. Secure the wheel-guard assembly with the mounting bolt (24a), spring washer (24b) and washer (24c) (Fig. 5).

FITTING AND ADJUSTING AUXILIARY HANDLE

1. Ensure the auxiliary handle locking lever (15) is in down position.

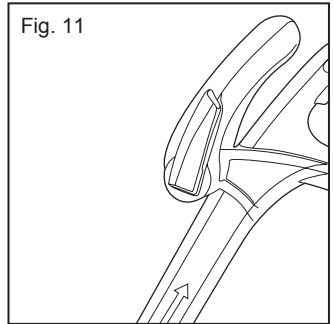
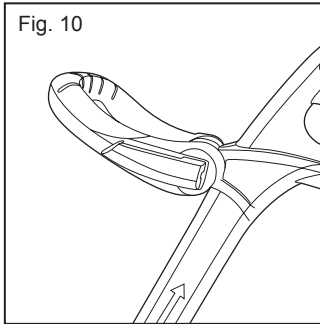
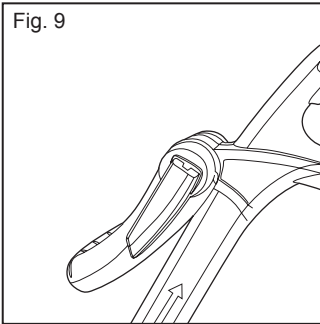
2. Loosen the auxiliary handle fixing bolt (13) anticlockwise and remove it from the auxiliary handle (16).

3. Align the auxiliary handle with the handle support (14) (Fig. 6).

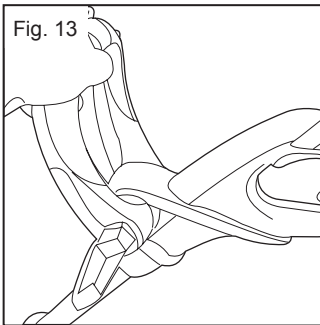
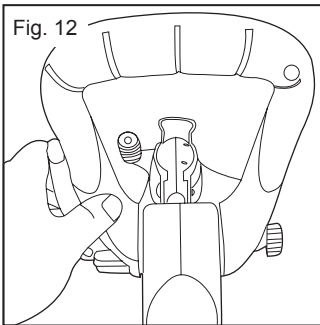


PREPARATION

4. Insert in the auxiliary handle fixing bolt and tighten clockwise by hand (Fig. 7, 8)
5. Adjust the auxiliary handle to required position (Fig. 9, 10, 11)



6. Tighten the auxiliary handle fixing bolt clockwise and clamp the auxiliary handle locking lever in upper position to fix the auxiliary handle in place (Fig. 12, 13).



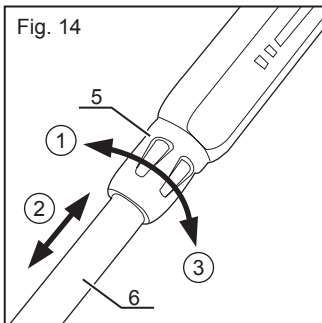
NOTE: The tooth system must interlock.

NOTE: Only tighten the quick release bolt so that it is possible to clamp the lever down with light pressure. If the lever cannot be clamped, slightly loosen the bolt. If the lever can be clamped without resistance, tighten the bolt.

ADJUSTING LENGTH (Fig. 14)

Adjust the length to suit your height. It is recommended to use the product with the pole fully extended.

1. Loosen the locking sleeve for length adjustment (5) in anticlockwise direction.
2. Pull the telescopic tube (6) to desired length.
3. Tighten the locking sleeve in clockwise direction.

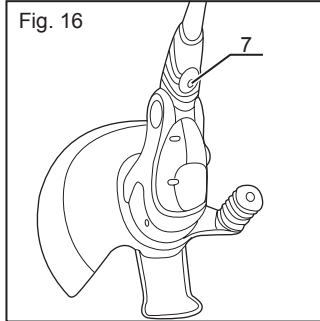
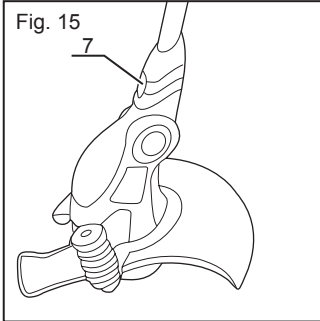


PREPARATION

ADJUSTING TRIMMER HEAD ANGLE

Adjust the angle of the trimmer head (11) according to the intended operation.

1. Press the unlock button for trimmer head angle adjustment (7) and hold it in position.
2. Adjust to desired position: Adjust to 0° when trimming grass on the flat ground (Fig. 15).
Adjust to 90° when trimming near edges and walls (Fig. 16).



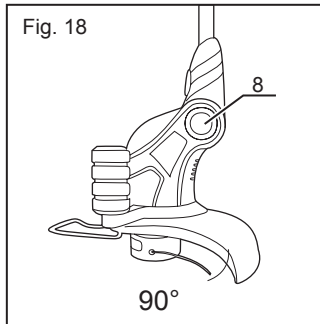
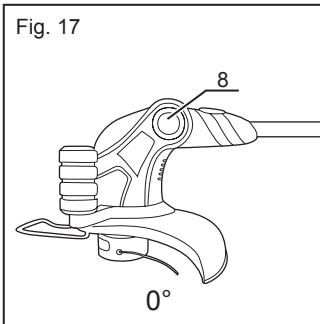
3. Ensure that the unlock button for trimmer head angle adjustment snaps in place.

**WARNING! Always ensure that the locking slider snaps in place! Only adjust to indicated angles!
Never adjust to any other intermediate position!**

ADJUSTING PIVOT HEAD

Adjust the trimmer head to suitable angle. The joint has 3 snap-in positions between 0° and 90°.

1. Press the unlocking button for pivot head adjustment (8) and hold it in position.
2. Adjust to desired position (Fig. 17, 18).



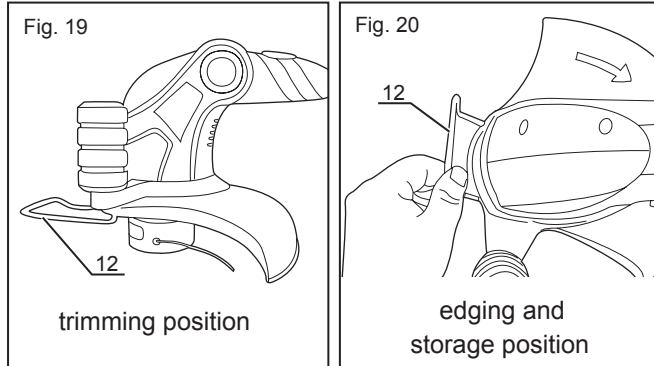
PREPARATION

3. Ensure that the unlock button for pivot head adjustment snaps in place.

USING EDGE GUIDE

Use the edge guide (12) to keep distance to obstacles that could be hit by the cutting device.

1. Adjust the edge guide in lower position for trimming operation (Fig. 19).
2. Adjust the edge guide in upper position for edging and storage (Fig. 20).

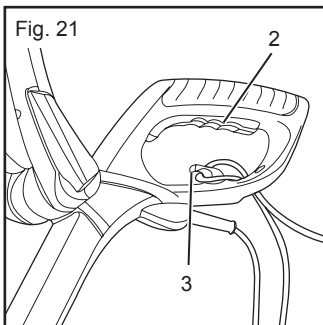


WARNING! Adjust the yoke position only when the product is switched off and the cutting device is at a complete stop!

CONNECTING TO THE POWER SUPPLY (Fig. 21)

WARNING! For your safety, it is required that the plug attached to the trimmer is always connected to an extension cord. The extension cord must be suitable for outdoor use with sockets protected against water splashing. The extension cord must always be used with the cable strain relief. Do not use the trimmer without an extension cord connected. Always use a residual current supply (RCD) protected supply.

1. Make sure the trigger switch (2) is in its off position.
2. Double the extension cord, about a foot from the end. Lead the loop through the hole on the rear safe guard and hook the loop over the cord strain relief (3). Gently pull on the cord to ensure that it is firmly attached at the handle.



3. Connect the extension cord to a suitable socket.

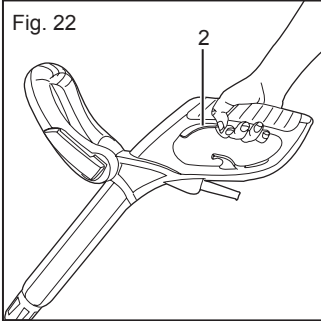
WARNING! Check the voltage and current! The voltage and current must comply with the information on the rating label!

OPERATION

CAUTION: Always wear eye protection.

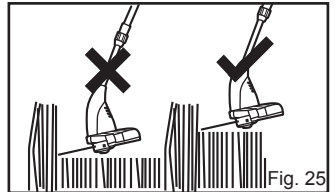
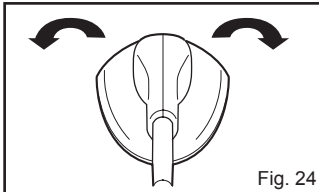
STARTING AND STOPPING (Fig. 22)

1. Squeeze the trigger switch (2) to start the trimmer.
2. Release the trigger switch to stop the trimmer. (Fig. 22)



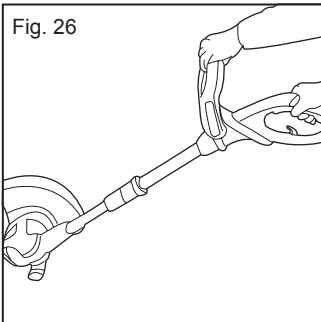
TRIMMING

1. Use the trimmer at an angle of approximately 15-degree to the working area (Fig.23).
2. Slowly swing the trimmer from side to side(Fig.24).
3. Do not overload your trimmer, take small "bites" this will keep machine operating at high speed and will greatly improve cutting efficiency, (Fig.25).
4. Cutting close to a wall
Use the edge guide when cutting close to an edge.



EDGING

Adjust the trimmer head angle when trimming on edges and clamp the edge guide in its upper position. Avoid bringing the cutting device into contact with hard objects such as walls and curbstones. Push the product forwards using the wheel (Fig. 26).



OPERATION

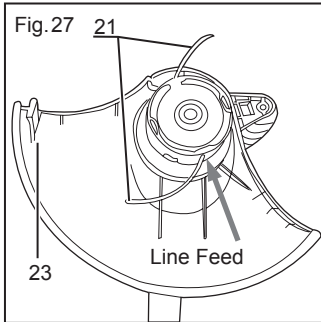
LINE FEEDING (Fig. 27)

During use, the tip of the trimming line will get shorter due to wear.

Regularly check the condition of the trimming line (21) and adjust if necessary.

1. Each time the trimmer reaches a certain speed the line will extend by 12 mm.
2. Excess line will be cut by the knife (23) and should always remain inside the radius of the safety guard.

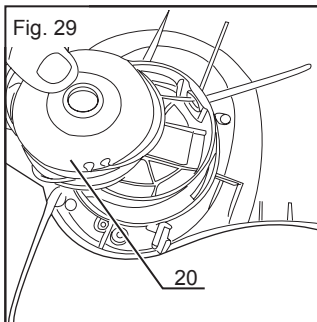
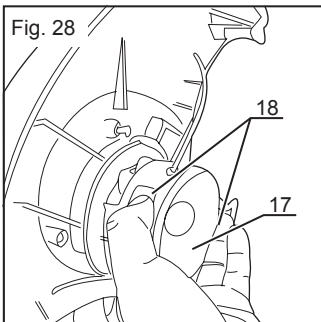
NOTE: The trimming line will wear faster and require more feeding if the cutting or edging is done along sidewalks or other abrasive surfaces or heavier weeds are being cut.



REPLACING LINE SPOOL

Replace the line spool when it is empty or worn.

1. Turn the product over to access the trimming line.
2. Hold the trimmer head steady with one hand and with the other hand release the cutting head cover (17) by pressing the release latch (18) on both sides.
3. Lift the cover from the trimmer head (Fig. 28).
4. Remove the spool (20) from the housing and discard all line on the spool (Fig. 29).
5. Clean the housing before inserting a new spool of the same type.
6. Lead the line ending through the eyelets of the housing.
7. Replace the cutting head cover; make sure it snaps in place.



MAINTENANCE

Be sure the tool is unplugged.

1. Your grass trimmer requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool.
2. Your trimmer line can dry out over time. To keep your line in top condition, store spare pre-wound spools or bulk line in plastic, sealable bag with a tablespoon of water.
3. Never use water or chemical cleaners to clean your grass trimmer. Wipe clean with a dry cloth.
4. Plastic parts may be cleaned by using a mild soap and damp rag.
5. Always store your grass trimmer in a dry place. Do not allow any liquid to get inside it.
6. Keep the motor ventilation slots clean.
7. If you see some sparks flashing in the ventilation slots, this is normal and will not damage your power tool.
8. There are no user serviceable parts in the trimmer. If a fault is suspected return the trimmer to an authorized dealer for repair.

IMPORTANT : To assure product safety and reliability, repairs, maintenance and adjustment should be performed by RYOBI authorized service centers or other qualified service organization, always using identical replacement parts.

TROUBLESHOOTING

1. If trimmer will not operate, check power at mains plug
2. If the trimmer is not cutting properly check the nylon line length and lengthen or replace line.
3. If you experience regular line breakage rewind the spool uniformly.

NOTES

RYOBI POWER EQUIPMENT WARRANTY

Subject to the warranty conditions below, this RYOBI tool (hereinafter called "the Product"), is warranted by Ryobi (herein 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 warranty, the repair or replacement of any part shall be the opinion of the Company or its authorised agent. Should service become necessary during the warranty period, the owner should contact the authorised Ryobi retailer from whom the product was purchased, or the nearest Company branch office. In order to obtain warranty service, the owner must include the Sales Docket and Warranty Certificate to confirm date of purchase. This Product is sold by the dealer or agent as principal and the dealer has no authority from the Company to give any additional warranty or guarantee on the Company's behalf except as herein contained or herein referred to.

Warranty Conditions

This warranty 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 warranty does not cover consumable components, 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 Agent. This guarantee will not apply if the tool is damaged by accident or if repairs arise from normal wear and tear.

Accessories such as bits, blades, sanding discs, cutting lines, etc., are excluded from this guarantee. Normal consumable parts, such as carbon brushes, bearings, chucks, cord assembly's, spark plugs, recoil pulleys and bump head assembly's are specifically excluded from this guarantee.

The Company accepts no additional liability pursuant to this warranty for the costs of traveling or transportation of the Product or parts to and from the service dealer or agent - which costs are not included in the warranty.

Nothing herein shall have the effect of excluding, restricting or modifying any conditions, warranty, right or liability imposed, to the extent only that such exclusion, restriction or modification would render any term herein void.



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THIS WARRANTY FORM SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES.

For your record and to assist in establishing date of purchase (necessary for in-warranty 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 Warranty Service is required.