



User Manual



49290 31CC 4 STROKE BRUSHCUTTER, LINE TRIMMER



Product
Info



+ VIDEO

www.powertoolsupport.com

Read all safety warnings and all instructions thoroughly before operating this product.

Ensure you keep your manual in a safe place for future reference.

IM ed 4; 10/2017

QR codes take you where you want to go quickly and easily

Whether you require product information, spare parts or accessories, details on warranties or aftersales service, or if you want to watch a product demonstration video, our QR codes will take you there in no time at all.

What is a QR code?

A QR-code (QR=Quick Response) is a type of matrix that can be read with a smartphone camera and that contains a link to a website or contact details, for example.

Advantage: You are not required to manually enter a website address or contact details.

How it works

To scan the QR code, all you need is a smartphone with QR codes reader software and an Internet connection*. This type of software can be downloaded for free from your smartphone's app store.

Try it out now

Just scan the QR code with your smartphone and find out more about the Aldi product you have purchased*.

* Depending on your tariff you may be charged for the connection.



For Know How Videos, click on the "Product Assistance" tab, then the "How To Product Videos" link.

Contents

Pack contents /parts	2
Description of Symbols	3
General safety warnings	4
Additional Safety rules for Petrol products	7
Additional Safety Rules for Petrol Line Trimmers	8
Additional Safety Rules for Petrol Brushcutters	8
Parts List	10
Adding and Checking oil	12
General Assembly for use as a Line Trimmer or Brushcutter	14
Connecting the J handle to the Upper shaft	15
Changing direction of the J Handle	17
Adjusting the J Handle	18
Fitting the Brushcutter / Line Trimmer Guard	18
Fitting & Adjusting the Double Strap Shoulder Harness	19
Fitting the Brushcutter Blade	20
Changing/Removing the Brushcutter Blade	22
Operation of the Brushcutter	22
Tips for Operation	23
Specific Assembly for use as a Line Trimmer	23
Fitting the Spool and Line Assembly on the Line Trimmer	24
Removing the Spool and Line assembly	25
Changing the line only on the Spool and Line assembly	26
Clearing a Jammed Spool	28
Operation of the Line Trimmer	30
Use of the Line Trimmer	30
Advancing the line manually	30
Tips for operating the Line Trimmer / Tips for cutting	31
Feeding the line	32
Operation of the Brushcutter / Line Trimmer / Fuelling	33
Starting the Brushcutter / Line Trimmer	34
Warm Start / A Flooded engine	36
Adjusting the speed on the Brushcutter / Line Trimmer	37
Stopping the Brushcutter/Line Trimmer/Running in the engine	38
Maintenance and Cleaning / General Inspection / Repairs	38
Maintenance / Air Filter	39
Maintenance / Fuel Filter	40
Checking the spark plug / Servicing	41
Storage & Maintenance	42
Warranty	42
Environmental protection	43
What your 3 year warranty means	43
Service Support	43
Accessories and After Sales parts	44
Troubleshooting	45
Specifications	46

Pack contents / parts

Congratulations on the purchase of your Gardenline® 31cc 4 Stroke Brushcutter / Line Trimmer. When you open your packaging, first remove all items and check there are no parts damaged or missing. If you find anything wrong, do not operate the product until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

IMPORTANT INFORMATION.

NOTE: This is a 4 stroke Brushcutter / Line Trimmer.

The motor **MUST** be filled with 70ml of SAE 10W/30, or equivalent Gardenline® Full Synthetic 4 stroke oil **BEFORE** starting. Fresh unleaded fuel must be used in this unit. Do **NOT** use Ethanol based fuels. Do **NOT** mix oil with fuel.

Contents of carton

- 1 x Brushcutter / Line Trimmer
- 1 x Brushcutter Guard (Guard, fitted clamp, 2 x screws + 2 x washers) (not fitted)
- 1 x Blade Nut, 1 x Protector, 1 x Inner Flange, 1 x Outer Flange (fitted)
- 1 x 3T Brushcutter Blade (not fitted)
- 2 x Spool & Line Assembly (not fitted)
- 1 x Clip On Line Trimmer Guard Attachment (not fitted)
- 1 x J Handle & mounting clamp (mounting clamp fitted)
- 1 x Double Shoulder Strap Harness
- 1 x Spark Plug Spanner / Blade Nut Wrench / Screwdriver Combination
- 2 x Allen Key (5mm & 4mm)
- 1 x 10mm Spanner
- 1 x Instruction Manual
- 1 x Quick Start Guide
- 1 x Warranty Card & details

Description of symbols

The instruction manual or rating plate on your product may show symbols. These represent important information about the product or instructions on its use.



Conforms to relevant standards for electromagnetic compatibility.



Do not put in water.



Read these instructions for use carefully.



Wear eye protection.



Wear hearing protection.



Wear headwear protection.



Wear safety gloves.



Wear safety footwear.



Keep children and bystanders away while operating



Sharp blade; Risk of hand and feet injuries.



Thrown objects and rotating line can cause severe injury.



Do not operate the unit without the safety guard in place.
Keep away from rotating cutter.

Use at a distance of at least 15m from other people.



Choke control

Start position (choke closed).

Run position (choke open).



Noise label rating 80dBA (taken at 7.5 metres)
you must wear ear protection at all times.

General safety warnings

Intended use of the 31cc 4 Stroke Brushcutter / Line Trimmer

NOTE: This product is for private domestic DIY use only. It is not suitable for commercial or trade use.

This Line Trimmer has been designed for trimming lawn edges and grass around shrubs and trees.

The Brushcutter has been designed for cutting and clearing grass, thick weeds, vegetation and shrubs.



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.

The word power tool used in the following warnings and throughout this manual refers to BOTH electrical power tools and ALSO petrol driven power tools.

This unit may not be used by people (including children) with reduced physical, sensory or mental capacities, with a lack of experience and without the appropriate knowledge, unless they are supervised by someone who is responsible for their safety or have been instructed by such a person with regard to how the unit is to be operated. Children should be supervised to ensure that they do not play with the device.

Save all warnings and instructions for future reference

1. Work area safety

- a. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents. Rags, cloths, cord, string and similar items should never be left around the work area.
- b. **Do not operate power tools in explosive environments, such as in the presence of flammable liquids, gases, or dust.** Power tools create sparks, which may ignite the dust or fumes.
- c. **Keep children and bystanders away while operating a power tool.** Distractions can cause the operator to lose control.

2. Electrical safety

- a. **Power tool plugs must match the outlet. Never modify the plug in any way.** Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

- b. **Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is increased risk of electric shock if your body is grounded.
- c. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d. **Do not abuse the cord.** Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged or entangled cords increase the risk of electric shock.
- e. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor reduces the risk of electric shock.
- f. **To reduce the risk of electric shock, the manufacturer recommends the use of a residual current of 30mA or less at all times.**

3. Personal safety

- a. **Stay alert, watch what you are doing and use common sense when operating a power tool.** Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- a. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection will reduce personal injuries.
- a. **Prevent unintentional starting.** Ensure the switch is in the "off" position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- a. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or key left attached to a rotating part of the power tool may result in personal injury.
- a. **Do not overreach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- a. **Dress properly. Do not wear loose clothing or jewellery.** Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- a. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

General safety warnings

4. Power tool use and care

- a. **Do not force the power tools.** Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- a. **Do not use the power tool if the switch does not turn it “on” and “off”.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- a. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- a. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- a. **Maintain power tools with care.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool’s operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- a. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- a. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

Additional Safety Rules for Petrol Products

- Do not operate in a hazardous location. Such areas include where there is a risk of explosion of petrol fumes, leaking gas or explosive dust.
- Do not operate in a confined area. Exhaust gases, smoke or fumes could reach dangerous concentrations.
- Protect your product. This Brushcutter / Line Trimmer is NOT WEATHERPROOF and should not be exposed to direct sunlight, high ambient temperature and damp, wet or high humidity conditions.
- Do not smoke while refuelling. This is potentially dangerous as it may ignite the fuel and cause an explosion.
- Take care not to spill fuel or oil. When refuelling the Brushcutter / Line Trimmer ensure that the motor has been switched off. Prevent the spilling of fuel as this may also ignite with the hot motor. Never refuel whilst the engine running.
- Check for fuel leaks. Do not operate if a fuel leak is detected. Where a fuel leak is detected, drain the tank of fuel and have the leak repaired.
- Be careful where you store the Brushcutter / Line Trimmer. Store the Brushcutter / Line Trimmer in a dry area away from flammable liquids.
- Keep your distance. The Brushcutter / Line Trimmer emits exhaust fumes. Ensure bystanders keep a safe distance.
- Never fill fuel tank indoors. Never fill fuel tank when engine is running or hot. Do not smoke when filling fuel tank.



Wear eye protection.



Wear hearing protection.



Wear headwear protection.



Wear safety gloves.



Wear safety footwear.

Additional Safety Rules for Petrol Line Trimmers.

- Follow all sections of the Additional Safety Rules for Petrol Products.
- Always wear goggles, earmuffs and a dusk mask when using the Line Trimmer.
- Only use the length and diameter of nylon cutting line as detailed in this manual. Never use any other cutting material.
- Never use the Line Trimmer without the supplied and correctly fitted guard.
- Ensure the line trimming blade is in good order to ensure the correct length of cutting line is maintained.
- Keep bystanders at least 5 metres away from the operating the Line Trimmer.
- During operation, always hold the Line Trimmer with both hands, and make use of the Double Shoulder Strap Harness.
- Maintain a firm footing. Wear suitable fully enclosed footwear.
- Always turn off the petrol motor when making adjustments to the cutting head or line, when cleaning, or performing any maintenance tasks.
- When operating the Line Trimmer, be aware of the ground where the Line Trimmer is being operated. The cutting head and line is designed to trim grass and similar undergrowth, and stones and foreign matter should be avoided.
- Prior to operation, ensure the assembled line Line Trimmer is checked for loose components and the operating controls of the trimmer. Do not use the Line Trimmer if the controls are not in perfect working order. Ensure all nuts, bolts and clamps are all tight.

Additional Safety rules for Petrol Brushcutters

WARNING: Extreme care must be taken when using blades to ensure safe operation. Read the safety information for safe operation using the blade.

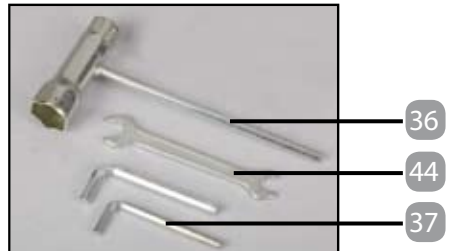
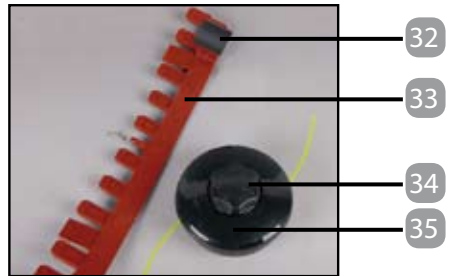
- Follow all sections of the Additional Safety Rules for Petrol Products.
- Always hold Brushcutter with both hands when operating. Use a firm grip on both handles.
- Maintain your grip and balance on both feet. Position yourself so that you will not be drawn off balance by the kick-back reaction of the cutting blade.
- Inspect and clear the area of any hidden objects such as glass, stones, concrete, fencing, wire, wood, metal, etc.

- Never use blades near footpaths, fencing, posts, buildings or other immovable objects.
- Never use a blade after hitting a hard object without first inspecting it for damage. Do not use if any damage is detected.
- The unit is used as a scythe, cutting from the right to the left in a broad sweeping action from side to side.
- Always wear goggles, earmuffs and a dusk mask when using the Brushcutter.
- Only use blades with a cutting diameter of 255mm and a bore size of 25.4 mm.
- Only use the Brushcutter with the correctly supplied and fitted Brushcutter guard.
- Keep bystanders a minimum of 15 metres from the operation of the Brushcutter.
- Prior to operation, ensure the assembled Brushcutter is checked for loose components and the operating controls of the Brushcutter. Do not use the Brushcutter if the controls are not in perfect working order. Ensure all nuts, bolts and clamps are all tight.
- Check the blade is correctly seated and the blade nut is tight.
- DO NOT substitute the blade with any other types of blade other than that is detailed in this manual. DO NOT fit a saw blade to this product.
- This brushcutter is fitted with a centrifugal clutch. At idle, the blade must not be rotating. Make a practice to always check the clutch is correctly operating and at idle the blade does not rotate, and rotation of the blade only occurs as the speed of the motor is increase from manually operating the speed trigger.
Do NOT use the brushcutter if the blade at idle speed is rotating and take it to an authorised service centre.
- Exercise extreme caution when using the 3T brushcutter blade with this unit. Blade thrust is the reaction which may occur when the spinning 3T brushcutter blade contacts anything it cannot cut. This contact may cause the 3T brushcutter blade to stop for an instant, and suddenly “thrust” the unit away from the object that was hit. This reaction can be violent enough to cause the operator to lose control of the unit. Blade thrust may occur without warning if the blade snags, stalls or binds. This is more then likely to occur in areas where it is difficult to see the material being cut.

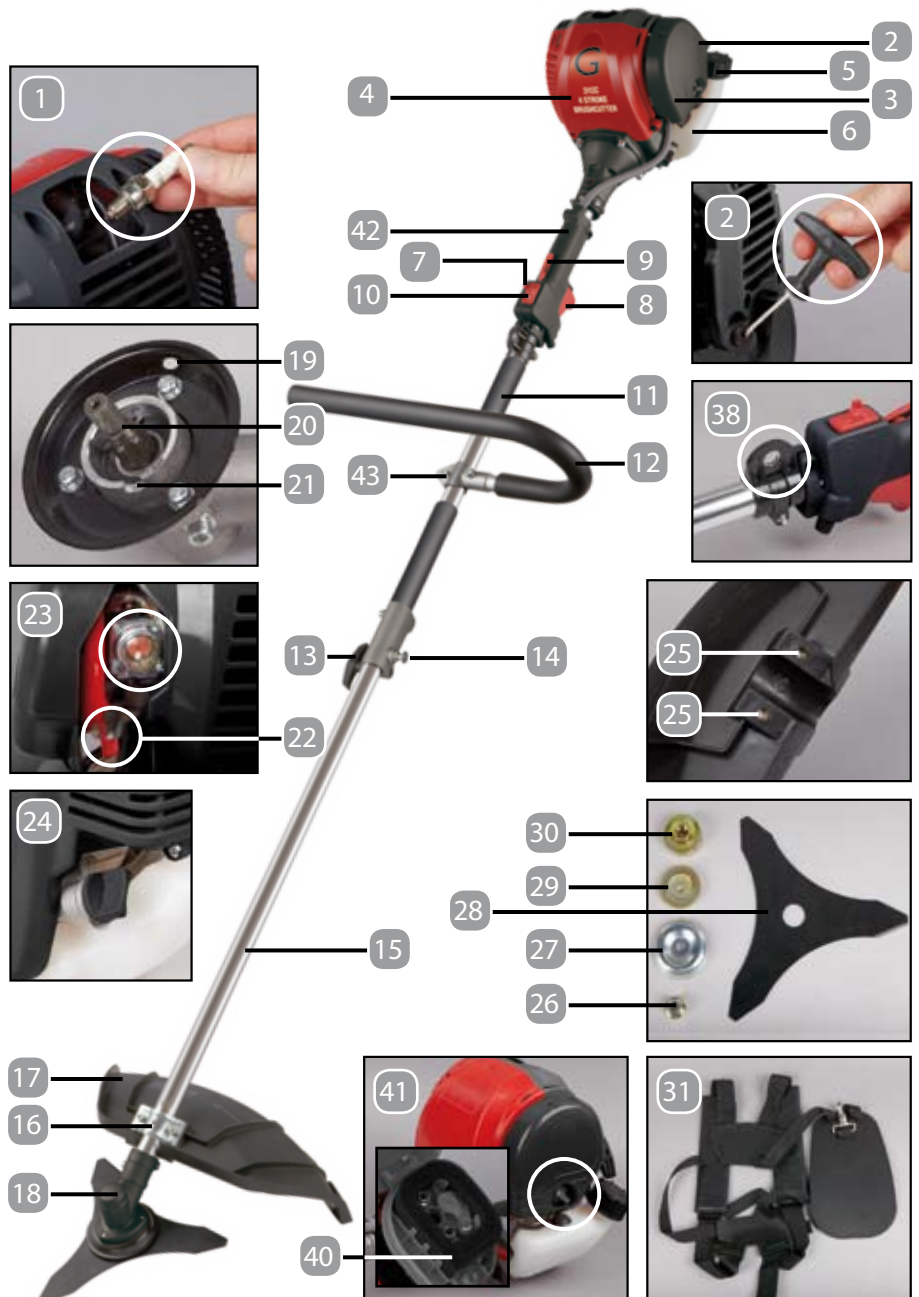
Parts List

1. Spark plug
2. Recoil starter
3. Air filter cover
4. Motor housing
5. Fuel tank cap
6. Fuel tank
7. Start Trigger Lock button
8. Throttle trigger
9. Safety lever
10. On/Off switch
11. Upper shaft
12. J Handle
13. Shaft locking lever
14. Shaft locking knob
15. Lower shaft
16. Guard attachment clamp
(+2 x screws & washers)
17. Brushcutter guard
18. Lower shaft gearbox
19. Spindle lock entry hole
20. Spindle
21. Inner bush with spindle hole
22. Choke lever (Red lever)
23. Priming bulb
24. Oil reservoir/ dipstick
25. Screw holes for Brushcutter guard
26. Blade nut
27. Protector
28. 3T Brushcutter blade
29. Outer flange
30. Inner flange
31. Double shoulder strap harness
32. Cut off knife
33. Clip-on Line trimmer guard attachment
34. Bump knob
35. Spool & Line Assembly

36. Spark Plug Spanner /
Blade nut wrench /
Screwdriver combination
37. 2 x Allen key - 5mm & 4mm
38. Double shoulder strap
attachment point
39. Fuel tank bracket (not shown)
40. Air Filter
41. Air filter locking knob
42. Main Handle
43. J Handle clamp
44. 10mm Spanner



31cc Brushcutter / Line Trimmer



AFTER SALES SUPPORT

11

☎ AUS 1800 909 909
(toll free)

e-mail: help@powertoolsupport.com
MODEL: №. BC35TS-2 • 10/2017 • 49290

Operation of the Brushcutter / Line Trimmer

Adding and Checking the oil

IMPORTANT: The motor of this brushcutter / line trimmer is packed with NO OIL in the motor. Prior to starting the motor, oil **MUST** be added to the oil reservoir (24). Failure to add sufficient oil will result in damage to the motor which is **NOT** covered under the warranty of the unit.

NOTE: This is a 4 stroke brushcutter / line trimmer. The motor sump **MUST** be filled with 70mL of SAE 10W/30 **BEFORE** starting. Fresh unleaded fuel must be used in this unit. Do not use ethanol based fuels.

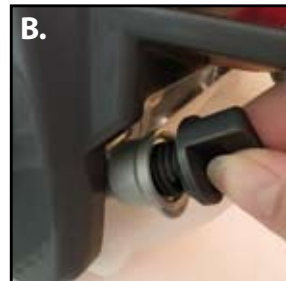
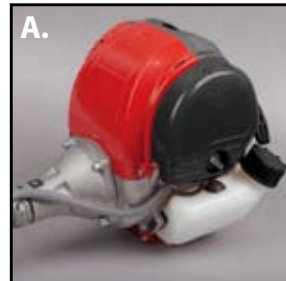
Do **NOT** mix oil with fuel. Oil must be separately poured into the sump of the motor as follows, and also the oil level **MUST** be checked every time the line trimmer / brushcutter is used.

NEVER attempt to remove the oil dipstick (24) while the motor is running. **ENSURE** the motor is not running when the oil level is being checked.

On a new unit, the motor needs to be filled with 70mL of SAE 10W/30 engine oil.

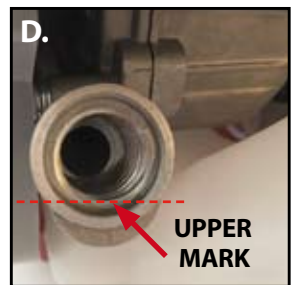
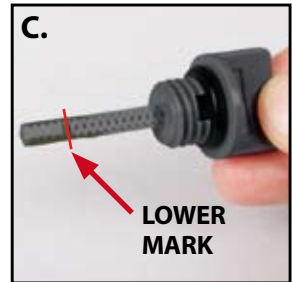
To initially fill with oil or to check the oil level, follow the process below.

1. Lay the unit down so that the fuel tank bracket (39) is resting on a secure surface, or on the ground. Clean the area directly around the oil reservoir (24) (Fig. A).
2. Clean the area directly around the oil dipstick (24), and then fully remove/unthread the oil dipstick in an anti clockwise direction.
3. On a new unit which has not previously been filled with oil, measure 70mL of SAE 10W/30 oil and pour into the oil reservoir (24) where the dipstick was removed.
4. Clean the dipstick portion of any oil residue and then insert the dipstick fully into the reservoir, however, **DO NOT THREAD** the dipstick into the reservoir. Hold the dipstick in place for a few second and then remove (Fig B).



31cc Brushcutter / Line Trimmer

5. Check the oil mark on the dipstick (24). If the oil level is near or below the lower limit mark on the dipstick (Fig C), oil should be added in small increments, into the oil reservoir, and repeat steps 3,4 & 5 until it is up to the bottom edge of the oil reservoir (Fig D). Be careful not to overfill or add oil past the bottom edge of the oil reservoir.
6. **IMPORTANT:** The motor should NEVER be started if the oil level is below the low oil mark. Always check the oil level before starting ensuring the brushcutter / line trimmer is positioned as per step 1 for checking.
7. When the oil level is at the upper oil level mark; the bottom edge of the oil reservoir (Fig D), replace the dipstick and thread in the dipstick in a clockwise direction until the dipstick is firmly in place. The Sealing O ring on the shoulder of the dipstick should be fully compressed when the dipstick is firmly hand tightened.

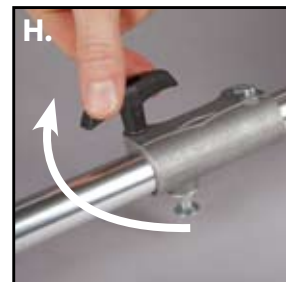
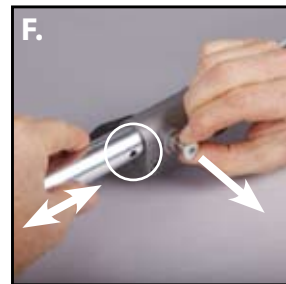
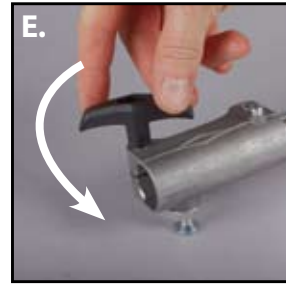


User Instructions


General Assembly for use as a Line Trimmer or Brushcutter

Connecting the Lower shaft to the Upper shaft

1. Lay the unit down so that the fuel tank bracket (39) is resting on a secure surface, or on the ground.
 2. Loosen the shaft locking lever (13) in an anti clockwise direction (Fig. E).
 3. Whilst pulling out the shaft locking knob (14) away from the shaft, insert the lower shaft into the upper shaft, and when the shaft has entered approx. 3cm, release the shaft locking knob (14).
 4. Rotate the shaft up and down slightly (Fig F) until the hole in the lower shaft engages with the shaft locking knob (14). You will hear a click when it locks into place (Fig. G).
- NOTE:** Ensure you check that the lower shaft cannot be pulled outwards when the lock is correctly engaged.
4. When the shaft is located, tighten the shaft locking lever (13) to secure both shafts in place (Fig. H).



Connecting the J handle to the Upper shaft

 **WARNING.** The J handle must be fitted before use of this product. This includes both combinations of the Brushcutter or the Line Trimmer. Ensure the motor is **NOT** operating when fitting or adjusting the J handle.

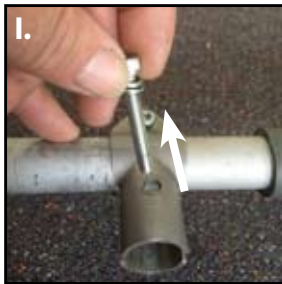
NOTE: Always ensure the engine is turned off before undertaking this task.

The J handle assembly consists of the J handle, an upper and a lower clamp, and 2 screws, nuts & washers. The J handle clamp assembly is already fitted to the upper shaft of the brushcutter / line trimmer, in between the fitted foam sections on the upper shaft.

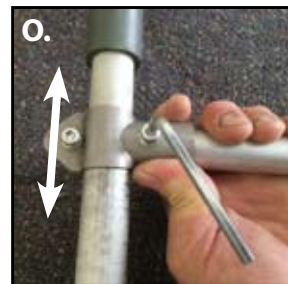
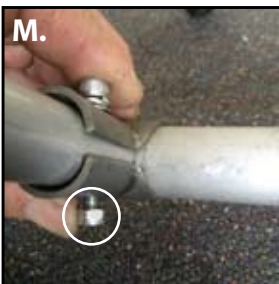
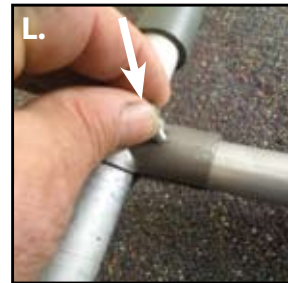
The gap between the two sections of foam on the upper shaft is the range up and down the shaft that the J handle (12) can be fitted.

NOTE: The J handle (12) should not be fitted on any section of the main shaft.

1. Lay the unit down so the fuel tank bracket (39) is resting on a secure / stable surface.
2. Locate the J Handle clamp (43) on the main shaft and remove the outer longer screw in the clamp (Fig I) so the J handle (12) can fully insert into the clamp. Do not release the screw on the opposite side.
3. Insert the J handle (12) into the J handle clamp (43) and align the hole in the clamp with the hole through the J handle (Fig J/K).



4. Replace the long screw and washers through the hole in the upper clamp, through the J handle and through the hole in the bottom clamp (Fig L).
5. Fit the nyloc nut on the screw and tighten the nut using the supplied 10mm spanner (44) and 5mm allen key (37). Tighten to the point where the clamp "JUST" starts to grip the J handle (12) (Fig M/N).
6. Slide the J handle clamp (43) to the required position on the upper shaft between the two sections of foam (Fig O).
7. Tighten fully the screw and nut which passes through the J handle (12). The screw and nut should be tightened to the point where the clamp fully closes around the J handle tube.
8. Check the J handle (12) is firm on the upper shaft and does not slide or rotate.
9. If the handle does move around the upper shaft, then proceed to tighten the smaller screw and nut on the opposite side of the clamp to the point where the J handle is secure.



Changing direction of the J Handle.

If the J handle clamp (43) is mounted on the opposite side to what you require you need to reverse the J handle clamp (43) on the upper shaft (11) before attempting to fit the J handle (12).

1. Lay the unit down so the fuel tank bracket (39) is resting on a secure / stable surface.
2. Locate the J handle clamp (43) on the main shaft and remove the outer longer screw in the clamp (Fig I).
3. Remove the smaller screw and nut on the opposite side of the clamp (Fig P) and then remove from the upper shaft the upper and lower J handle clamp halves. Reverse the direction of the clamp halves so the J handle will mount on the opposite side.

NOTE: Both the upper and the lower halves of the J handle clamp are the same.

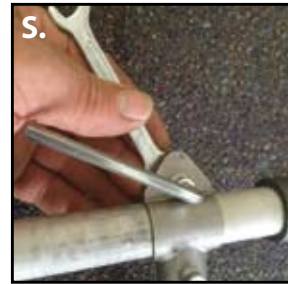
4. With the two halves of the clamp positioned around the upper shaft but now with the entry for the J handle in the opposite direction, fit the small screw and washers through the clamp on the opposite side to where the J handle (12) will be located (Fig Q).
5. Secure the screw with the nut and tighten until the clamp just starts to touch each other (Fig R). Then proceed to follow the instructions from point 3 in the previous section "Connecting the J handle to the Upper shaft".



Adjusting the J handle

The J handle (12) can be adjusted up and down the main upper shaft between the foam tubes. The handle can also be rotated around the main shaft to suit various operating conditions and comfort.

1. Loosen the small screw and nut on the J handle clamp using the supplied 5mm allen key (37) and 10mm spanner (44) (Fig S). Do not loosen the screw and nut passing through the J handle (12).
2. Slide / rotate the J handle (12) and clamp (43) around or up or down the upper shaft. When the desired position is achieved, tighten the smaller screw and nut firmly to lock the clamp into position.
3. Check the handle and clamp is firmly clamped in position.



Fitting the Brushcutter / Line Trimmer Guard

Before using either the Brushcutter or Line Trimmer, the Brushcutter Guard needs to be assembled.

1. Lay the unit down so that the fuel tank bracket (39) is resting on a secure surface, or on the ground.
2. Place the brushcutter guard (17) on the underside of the lower shaft (15) so that the 2 holes on the guard line up with the 2 screw holes on the brushcutter bracket (Fig T).
3. Once the 2 screw holes are aligned, insert the 2 screws; one on each side of the guard clamp, and using the supplied 5mm allen key (37) tighten in a clockwise direction until secure (Fig. U).



31cc Brushcutter / Line Trimmer


If proceeding to use as the brushcutter, the 3T brushcutter blade (28) needs to be assembled.

Refer to the "Fitting the Brushcutter Blade instructions" (on page 20).

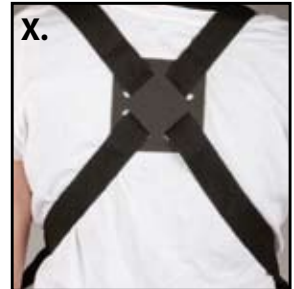
If proceeding to use the line trimmer, the clip-on line trimmer guard attachment (33) and spool and line assembly (35) requires assembly.

Refer to the "Fitting the Clip-on Guard Attachment to the Line Trimmer" on pages 23/24 and "Fitting the Spool and Line assembly on the Line Trimmer" on pages 24/25 for these instructions.

Fitting & Adjusting the Double Strap Shoulder Harness

 **WARNING.** The Double strap shoulder harness (31) must be fitted before use of the product (Fig V). This includes both combinations of the brushcutter or the line trimmer.

1. Place the shoulder straps over each shoulder so that the 2 padded shoulder straps are located on your front side (Fig. W), with the square black plastic support where the straps interweave, located on your back. (Fig. X)



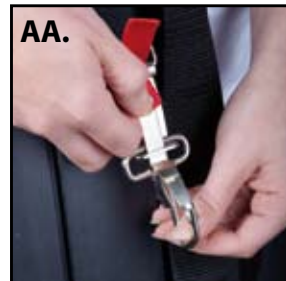
2. Connect the clip at the front to secure the double strap shoulder harness (31) into position on your body. (Fig. Y) NOTE: The side pad guard will be located on your right hand side.
3. To adjust the double shoulder strap harness (31) on your body, tighten or loosen the front straps adjusters. (Fig. Z)
4. Ensure the metal connector clip is attached onto the side pad guard correctly. When in the correct position, the long metal tab (as shown in Fig. AA with the arrow on it) needs to be holding the metal connector clip in place.
5. To attach to the unit, insert the clip on the side pad guard through the double strap shoulder harness attachment point (37) (Fig. AB)



The location of the side pad guard can also be changed by tightening or loosening the adjuster on the side pad guard.

The double shoulder strap harness (31) is fitted with a quick release clip which allows rapid removal of the appliance from the harness.

To activate the quick release clip so as to remove the appliance, "Pull the red tab thus withdrawing the metal tab". The attaching clip will then release from the harness.



Fitting the Brushcutter Blade

NOTE: Always ensure the engine is turned off before undertaking this task.

NOTE: Before fitting, check the diameter of the cutter is 255mm, and the Bore size is 25.4mm. Do NOT proceed if the cutter is different to these specifications.



31cc Brushcutter / Line Trimmer

1. Lay the unit down so that the fuel tank bracket (39) is on the ground or on a secure surface. Lift the gearbox end of the lower shaft (15) to gain access to the spindle (20).
2. Place the inner flange (30) over the spindle (20) ensuring the spline on the spindle (20) aligns with the spline in the inner flange (30). Fully seat the inner flange (Fig AC).
3. Place the 3T brushcutter blade (28) over the spindle (20) and locate on the raised centre of the inner flange (30). (Fig AD) . Ensure the direction of rotation of the blade as indicated by an arrow on the blade corresponds with the arrow direction on the top of the guard.
4. Place the outer flange (29) over the spindle (20) on top of the 3T brushcutter blade (28) (Fig. AE), followed by the protector (27).
5. Place the blade nut (26) on to the spindle (20) and thread the nut in an anti clockwise direction all the way down to the protector (27) (Fig. AG).
6. To fully tighten the 3T brushcutter blade (28) onto the spindle (20) ensure the 3T brushcutter blade (28) is still correctly located on the inner flange (30).
7. Insert the long end of the supplied 4mm allen key (37) through the spindle lock hole (19) and into the hole on the inner flange (30). (This locks the spindle allowing the blade bolt to be secured) (Fig. AH).
8. Whilst holding the supplied allen key (37) in position to lock the spindle, use the supplied spark plug spanner / blade nut wrench / screwdriver combination (36)

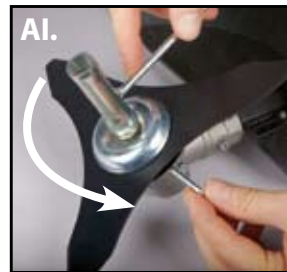


in an anti clockwise direction to fully tighten the blade nut (26) and secure the 3T brushcutter blade (28) into position. Ensure the 3T brushcutter blade (28) is secured tight before removing the allen key (37) from the spindle hole (Fig AI).

Changing/Removing the Brushcutter Blade

NOTE: Always ensure the engine is turned off before undertaking this task.

1. Lay the unit down so that the fuel tank bracket (39) is on the ground or on a secure surface. Lift the gearbox end of the lower shaft (15) to gain access to the output spindle (20).
2. Insert the long end of the supplied 4mm allen key (37) through the spindle lock entry hole (19) and into the hole on the inner flange (30).
(This locks the spindle allowing the blade bolt to be secured) (Fig. AH).
3. Using the supplied spark plug spanner / blade nut wrench / screwdriver combination (36), loosen the blade nut (26) by turning in a clockwise direction (Fig. AI).
4. Remove the blade nut (26), protector (27), outer flange (29), and 3T brushcutter blade (28) in this order.



NOTE: If you are removing your brushcutter blade to use the unit as a line trimmer, refer to page 24/25 for instructions on “Fitting the Spool and Line Assembly on the Line Trimmer”.

5. Replace with the new blade and follow steps 3-8 in the “Fitting the Brushcutter blade” section.

Operation of the Brushcutter

To commence with operation of the brushcutter, refer to the instructions on page 33 .

NOTE: Ensure you have filled the unit with the correct fuel and oil before proceeding to start the unit.

NOTE: This is a 4 stroke brushcutter / line trimmer.

The motor **MUST** be filled with 70mL of SAE 10W/30 **BEFORE** starting.

Fresh unleaded fuel must be used in this unit.

Do **NOT** use ethanol based fuels. Do **NOT** mix oil with fuel.

Tips for Operation

Always use the double shoulder strap harness (31) when using the brushcutter to avoid serious personal injury.

Hold the brushcutter with one hand on the trigger handle and the other hand on the J handle (12). Keep a firm grip with both hands while in operation. The brushcutter should be held at a comfortable position with the double shoulder strap attachment point (38) about hip height.

Maintain your grip and balance on both feet. Position yourself so that you will not be drawn off balance by the kick-back reaction of the 3T brushcutter blade (28).

Exercise extreme caution when using the 3T brushcutter blade (28) with this unit. Blade thrust is the reaction which may occur when the spinning 3T brushcutter blade (28) contacts anything it cannot cut. This contact may cause the 3T brushcutter blade (28) to stop for an instant, and suddenly "thrust" the unit away from the object that was hit.

This reaction can be violent enough to cause the operator to lose control of the unit. Blade thrust may occur without warning if the blade snags, stalls or binds. This is more than likely to occur in areas where it is difficult to see the material being cut.

For cutting ease and safety, approach the weeds being cut from the right to the left. In the event that an unexpected object or woody stock is encountered, this could cause the blade thrust reaction.

Specific Assembly for use as a Line Trimmer

Fitting the Clip-on Guard Attachment to the Line trimmer

NOTE: Always ensure the engine is turned off before undertaking this task.

Always use the double shoulder strap harness (31) when using the line trimmer to avoid serious personal injury.

NOTE: the clip-on line trimmer guard attachment (33) must be secured to the brushcutter guard (17) before ANY line trimming work is undertaken.

NOTE: Always ensure the engine is turned off before undertaking this assembly.



WARNING: There is a cut off knife (32) on the clip-on line trimmer guard attachment (33). Use gloves to fit the clip-on line trimmer guard attachment (33) to avoid injury.

1. Lay the unit down so that the fuel tank bracket (39) is on the ground or on a secure surface. Lift the gearbox end of the lower shaft (15) to gain access to the output spindle (20).
Lift the gearbox end of the lower shaft (15) to gain access to the output spindle (20).
2. Line up the tabs on the clip-on line trimmer guard attachment (33) with the large slots on the brushcutter guard (17). There are 2 main release clips; one on each end of the clip-on line trimmer guard attachment (33). This needs to line up with the large slots on the brushcutter guard (17) (Fig AJ).



3. When all tabs are lined up in position, push the tabs on the clip-on line trimmer guard attachment (33) into the slots, and the release clips into the large slots. You will hear clicks when the release clips are secure. (Fig AK)



NOTE: Before using the line trimmer, remove the cut off blade protector. After using the line trimmer, it is recommended to replace the blade protector.

4. To fully secure the clip-on line trimmer guard attachment (33) to the brushcutter guard (17), insert and secure the screw using the supplied spark plug spanner / blade nut wrench / screwdriver combination (36), using the screwdriver end of the tool. Secure until tight (Fig AL).



Fitting the Spool and Line Assembly on the Line Trimmer

NOTE: If the unit has been used as a brushcutter first, the brushcutter blade will need to be removed before fitting the spool and line assembly. Refer to "Changing/Removing the Brushcutter Blade" for instructions on how to remove the blade on page 22.

NOTE: Always ensure the engine is turned off before undertaking this assembly.

1. Lay the unit down so that the fuel tank bracket (39) is on the ground or on a secure surface. Lift the gearbox end of the lower shaft (15) to gain access to the spindle (20).

IMPORTANT: Ensure the inner flange is mounted on the spindle of the line trimmer. The outer flange (29), the protector (27), the 3T brushcutter blade (28) and the blade nut (26) are NOT required when the line trimmer spool & line assembly (35) is being fitted.

Keep these components in a safe place. The 3T brushcutter blade (28) should be placed back in the cardboard packaging/envelope.

- Place the spool and line assembly (35) on the spindle (20) and thread on to the spindle finger tight in an anti clockwise direction all the way down until the back of the spool makes contact with the inner flange (30) (Fig AM),
- Insert the long end of the supplied 4mm allen key (37) through the spindle lock entry hole (19) and into the hole on the inner flange (30).

(This locks the spindle allowing the spool and line assembly (35) to be secured). Further tighten the spool and line assembly (35) ensuring the assembly is tight on the spindle (20) and inner flange (30) before removing the 4mm allen key from the spindle hole to release the spindle being locked (Fig. AN).



Removing the Spool and Line Assembly

NOTE: Always ensure the engine is turned off before undertaking this assembly.

- Lay the unit down so that the fuel tank bracket (39) is on the ground or on a secure surface. Lift the gearbox end of the lower shaft (15) to gain access to the output spindle (20).
- Insert the long end of the supplied 4mm allen key (37) through the spindle lock entry hole (19) and into the hole on the inner flange (30). (This locks the spindle allowing the spool and line assembly to be removed). (Fig. AN)
- Loosen the spool and line assembly (35) in a clockwise direction until it can be removed from the spindle (20). Remove the allen key (37) locking the spindle (20) once the spool and line assembly (35) has been removed.

NOTE: If replacing the spool and line assembly (35) with the supplied additional spool and line assembly, follow the “Fitting the Spool and Line Assembly on the Line Trimmer” instructions on the previous page.

If replacing just the spool line on the supplied spool and line assembly, refer to the instructions following this section.

Changing the line only on the Spool and Line Assembly

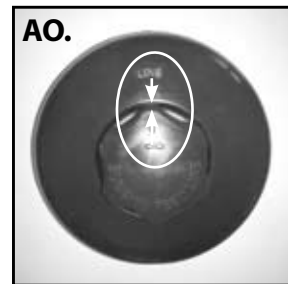
NOTE: Always ensure the engine is turned off before undertaking this assembly.

NOTE: The spool provided on this product is a rapid or easy wind type spool. There is no disassembly of the spool components. The following steps will guide you through the process.

NOTE: The spool & line assembly (35) does not need to be removed from the lower shaft (15) of the line trimmer, however, if it is easier, it can be removed from the lower shaft (15), especially for the first time you re-load / re-wind the line & become familiar with the process.

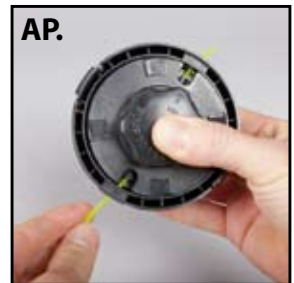
The line to suit this type of spool assembly is 2.4mm diameter line, with a length not exceeding 2.6m.

1. Remove any existing line protruding from either eyelets in the spool assembly (35). If there is no line left inside the spool, the line can easily be pulled outwards from the eyelets. If the line will not pull out and is jammed, the spool will need to be opened and the jammed line released. Refer to the section on “Clearing a Jammed Spool” following this section.
2. When looking at the top cover of the spool, there is an arrow on the bump knob (34) pointing outward, and an arrow on the spool cover pointing inwards, with the word “LINE” above the arrow. Whilst holding the spool housing, rotate the bump knob (34) in a clockwise direction (as shown by the rotating arrow on the bump knob) until the two outer arrows line up together (Fig AO). Depressing the bump knob (34) slightly while rotating can assist in rotating the bump knob (34).

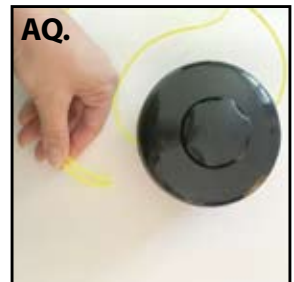


31cc Brushcutter / Line Trimmer

3. Cut a length of 2.4mm diameter nylon line to a length of 2.6m, ensuring the line is cut cleanly. If the first 150mm of line is curved, try and straighten the line as much as possible for entry into the spool.
4. Following the arrow direction on the spool cover, pass one end of the nylon line through the eyelet until it passes through the spool and out through the opposite side (Fig AP). The line should pass through the spool with the first 150mm of line. If it does not pass through the other side within this line length, check the arrows align on the spool cover and the bump knob (34). Also check if there is a curve in the line. A straight section of line is always better than a curved section. Remove the line from the eyelet and retry and change the angle of entry. Slight pressure on the bump knob (34) may also assist, depending on the curve on the line.



5. Pull the line through the spool so both lengths of line extending from each eyelet are the same length (Fig AQ).



6. Rotate the bump knob in a clockwise direction; also the direction of the rotation arrow on the bump knob (34). As the bump knob (34) is rotated, the line will be evenly drawn into the spool and evenly wind the line in place. Continue to wind the line into the spool until approx. 100mm of line extends out from the eyelets (Fig AR).

NOTE: Slight downward pressure on the spool will assist in the rotating action.

7. The spool and line is now ready for use. If the spool & line assembly (35) was removed from the lower shaft (15) for this process, ensure it is correctly fitted as per the instructions on page 24.



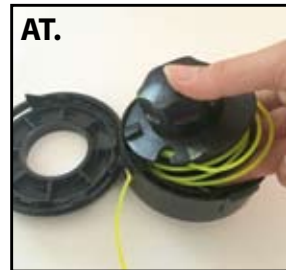
Clearing a Jammed Spool

NOTE: Always ensure the engine is turned off before undertaking this assembly.

The spool & line assembly (35) does not need to be removed from the lower shaft (15) of the line trimmer, however, if it is easier, it can be removed from the lower shaft (15) for this process.

In the case where the spool will not feed out line when the bump knob (34) is bumped on the ground at high speed, or the line will not pull through when the line needs replacing, the following process should be followed to open the spool & line assembly (35) to check the lay of the line on the inner spool.

1. To open the spool & line assembly (35), press firmly in the centre of the two securing tabs on each side of the spool assembly (35), one at a time (Fig AS). When pressed firmly, the spool cover can be lifted when released. Remove the top spool cover.
2. Remove the internal spool itself with the jammed line, fully from the spool housing (Fig AT).
3. Remove all the existing line from the spool completely (Fig AU).



31cc Brushcutter / Line Trimmer

4. Reassemble the spool assembly by firstly centralising the compression spring in the base of the spool housing, then replacing the spool on top of the spring followed by replacing the spool cover on the spool (Fig AV).

NOTE: When replacing the spool cover, ensure the clips of the spool housing align with the spool cover. When the spool cover is located on the spool housing, push down firmly on the cover to ensure the clips have engaged on the cover and the cover cannot pull off.

5. Check the removed line for damages, or use new line. Reload new line onto the spool as per the previous section "Changing the line only on the Spool and Line Assembly".

Prior to operating the line trimmer after line has been added, it is suggested to trim the lines so they are even and just short of the cutting blade on the guard. This prevents a possible large section of line being trimmed at high speed. When you start the line trimmer, bump the head of the spool on the ground to enable the cut off knife on the guard to cut the line to the required length for use.



Operation of the Line Trimmer

To start the line trimmer, refer to the instructions on page 33.

NOTE: This is a 4 stroke brushcutter / line trimmer.

The motor **MUST** be filled with 70mL of SAE 10W/30 **BEFORE** starting.

Fresh unleaded fuel must be used in this unit.

Do **NOT** use ethanol based fuels. Do **NOT** mix oil with fuel.

Use of the Line trimmer

This petrol line trimmer is only made to cut grass.

- Always use the double shoulder strap harness (31) when using the line trimmer to avoid serious personal injury.
- Perform a few accelerations of the motor without reaching maximum speed and without working to make sure that everything is in good working order.
- Start the engine only when you are close to the working area.
- Place yourself in a well balanced position, stable on both feet.

Advancing the line manually

NOTE: Always ensure the engine is turned off before undertaking this task.

1. Push the bump knob (34) in while pulling on both lines to manually advance the line (Fig. AW).
2. Release the bump knob and again pull on both lines to advance the line further (Fig. AX).
3. If the line still does not advance remove the spool and check the lay of the line. It may be twisted or trapped under over laying line.



Tips for operating the Line Trimmer

IMPORTANT. Petrol line trimmers transmit vibrations to the operator during use. These vibrations can generate increased fatigue. For this reason, we recommend taking regular breaks during work. We also recommend taking a break after a few hours of work to rest the engine. If abnormal noise or vibration occurs during operation, turn the line trimmer off immediately and have the problem corrected.

Keep a firm grip on the trimmer with both hands while in operation. The trimmer should be held at a comfortable position with the rear handle about hip height.

Always operate the trimmer at full throttle. Cut tall grass from the top down to prevent grass from wrapping around the spool which may cause the trimmer to overheat.

NOTE: If grass becomes wrapped around the spool, stop the engine, disconnect the spark plug wire, and remove the grass.

Tips for cutting



WARNING.

Beware of bystanders at all times

- Cut the grass like you are in a corridor about 1.5m wide. Move step by step, moving the machine from left to right and vice-versa. Make sure at each step that you are still well balanced on your feet
- Keep the line trimmer tilted towards the area being cut
- Let the tip of the line do the cutting. Never force the spool into uncut grass.
- Running the line into fences, stone and brick walls, curbs, and wood causes extra line wear, even breakage.
- Do NOT run the bump knob (34) on the ground during the cutting process. The bump knob (34) should only touch the ground when the bump knob (34) is tapped on the ground to extend the cutting line.

Feeding the line

The line trimmer has a bump feed mechanism which releases the line without having to stop the engine.

1. To release additional line increase the speed of the motor to no less than half speed, then, lightly tap the bump knob (34) on the ground while operating the unit at high speed.

NOTE: Always keep the line fully extended for optimum cutting performance. Line release becomes more difficult as the cutting line becomes shorter. Cutting efficiency also decreases as the line becomes shorter.

The line will not extend if the speed of the spool is not operating at least half speed. If the line does not extend, increase the speed to full speed while tapping the bump knob on the ground. If the line still does not extend, stop the motor and check the line inside the spool has not tangled and also ensure there is sufficient line in the spool.

2. Each time the head is bumped it releases approximately 2cm of line. Release the line until it strikes the cut off knife (32). This may require several taps.

NOTE: The cut off knife (32) on the clip-on line trimmer guard attachment (33) will automatically cut off any excess line. For best results tap the head on hard soil or bare ground. Never bump the spool head on concrete as it may crack the spool housing. Make sure the cut off knife (32) protector has been removed. It is recommended to replace the protector when the line trimmer is not in use.

IMPORTANT. Do not hit stones (even small ones), piles of earth, and small pieces of wood or anything else that could be hidden or poorly visible in the grass. If you hit a large object by accident, or if you jam the cutting tool due to overloading or having the cutter jammed with grass, you must stop the engine.

NOTE: All protective devices of the machine as well as protective equipment must be maintained in good operation condition during the period of use.

NOTE: If the line is too short you may not be able to advance the line by tapping it on the ground. If this is the case, stop the engine and manually advance the line.

Operation of the Brushcutter / Line Trimmer

Fuelling

IMPORTANT: Fuel goes off after about 3-4 months. If you find your unit does not start, first change the fuel in the tank with newly purchased fuel.

WARNING: Do not refill fuel tank while engine is running or is hot. Move at least 10m away from the refuelling site before starting engine.

NOTE. Do not use fuel that contains ethanol. Use fresh unleaded fuel.

Do not smoke when refuelling or operating the product.

- Be careful not to admit dust, dirt, water or other foreign objects into the fuel.
- Wipe off spilt fuel thoroughly before starting engine.
- Ensure you DO NOT fuel the unit in close proximity to any open flames, lit cigarettes, or hot objects.

1. Unscrew the fuel tank cap (5) (Fig AY) and pour fresh unleaded fuel into the tank with the aid of a funnel. (Fig. AZ)

NOTE: The fuel tank capacity is 650mL.

Be careful not to spill any mixture. If this happens, wipe the spill with a clean rag.


2. Replace the fuel cap (5) taking care NOT to cross thread the cap on the fuel tank (6). Tighten the cap firmly in a clockwise direction.
3. When starting the engine ensure it is at least 10m away from the area where the fuel tank has been filled up in order to avoid any risk of fire.
 - Always use extreme care when handling fuel! Fuel is highly flammable.
 - Never attempt to fuel the product if the fuel system components are damaged or are leaking.
 - Never attempt to refuel the engine while it is running or still warm, allow it to cool before fuelling.




- Never smoke or light any fires near the product or fuels.
- Always transport and store fuels in an approved container.
- Never place flammable material close to the engine muffler.
- Never operate the product without a properly functioning muffler and spark plug cover installed.
- Never operate the product unless it is properly assembled and in good working condition.
- Do not use fuel which contains ethanol or methanol as it may damage the fuel lines and other engine parts.
Use fresh unleaded fuel.

Starting the Brushcutter / Line Trimmer

Choke control

 Start position (choke closed)

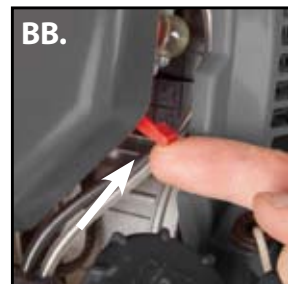
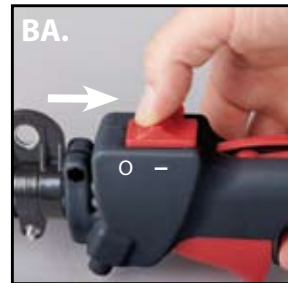
 Run position (choke open)

1. Slide the on/off switch (10) to the 'ON' position (towards the engine) as marked with a "I" below the switch on the side of the handle housing (Fig BA).
2. Move the choke (red lever) (22) (which is located behind the air filter cover (3) housing, and just above the fuel tank cap (5)) upwards to the full choke or cold start position (Fig. BB).

NOTE. This is not required if the engine is already warm.

3. Push the priming bulb (23)(which is located above the choke lever) 6-10 times, until the priming bulb fills with fuel mixture and excess fuel is pumped down the bypass tube when the bulb is pressed (Fig BC).

NOTE. For cold starting this is an important step.



31cc Brushcutter / Line Trimmer

4. Engage the start trigger lock button (7) to assist in the motor starting. To engage the start trigger lock button (7), depress the safety lever (9) and then the throttle trigger (8) fully.

While these two parts are depressed, push downward and forward and hold on the throttle start lock button (7) (Fig BD).

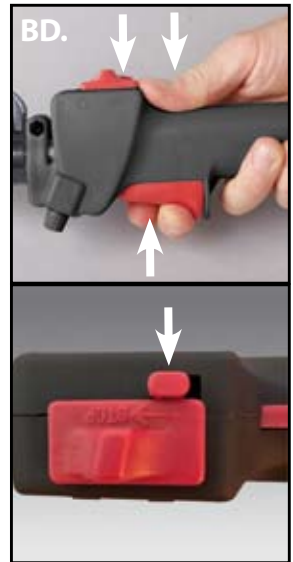
Slowly release the throttle trigger (8) and the safety lever (9) until released. The throttle start trigger lock button (7) will be locked down and can also be released.

5. Check the ignition on/off switch (10) is 'ON'. Pull the recoil starter (2) lightly until you feel resistance then pull quickly until the engine starts (Fig. BE) (Under full choke it may only run for 1 or 2 seconds).

6. Push the choke (red lever) (22) half way down and allow the motor to warm up. Restart if the motor stops.

Do not pull the cord with a jerk or release it until fully rewound. Provided the previous steps have been performed, the motor should start.

As soon as the motor starts and is running, depress the safety lever (9) and pull the throttle trigger (8) on and then immediately release the throttle trigger (8). This will disengage the start trigger lock button (7) and the motor will reduce to idle speed.



WARNING: On start up, the output spindle may rotate under load when the start trigger lock button (7) is used so ensure the cutting device is positioned away from other persons, animals or debris. The start trigger lock button (7) is for assistance in starting only and must not be used during operation. On release of the throttle trigger (8), the motor must return to the idle speed and the blade or line must NOT be turning under drive from the motor.

7. Once the engine is fully warm ensure the choke (red lever) (22) is down fully to the run position (warm start).

Warm Start

When re starting the unit after it has been used and the motor is hot, there is no need to engage the choke (red lever) (22) or the start trigger lock button (7). Follow steps 4, 5, 6 & 7 on the previous page.

A Flooded Engine

If the choke (red lever) (22) has been left in the full choke position and the engine will not start, it is possible the engine has been flooded (Too much fuel).

To assist to clear a flooded engine:

1. Move the choke (red lever) (22) to the run or warm start position.
2. Squeeze the safety lever (9), and pull on fully the throttle trigger (8).
3. Check the on/off switch (10) is in the "on" position as indicated by an "I".
4. Pull the recoil starter (2) a number of times to clear the fuel and start the motor.



WARNING. Be aware that if starting occurs with the throttle pressed, the motor will accelerate and thus engaging the clutch, which will then rotate the cutting head.

As soon as the motor starts release the throttle so the motor runs at idle speed and disengages the clutch.

Adjusting the speed on the Brushcutter / Line Trimmer

NOTE: The cutting head (spool and line) will not rotate at the idle speed. The cutting head (spool and line) will engage and rotate when the speed of the motor is increased.

1. To increase speed and engage the cutting head, squeeze the safety lever (9) and then throttle trigger (8) (Fig. BF).
2. To decrease the speed, slowly release the throttle trigger (8) to the desired speed.
3. To disengage the cutter head (spool and line), release all pressure on the throttle trigger (8) and allow the motor to return to idle. The cutter head (spool and line) will disengage at idle.



NOTE: Be aware that when using the 3T brushcutter blade (28), it will take a few seconds to run down.

IMPORTANT: If the cutting head (spool and line) does not disengage and stop when the throttle is in the idle position, TURN OFF the petrol motor and have the unit checked at a service centre. This should be checked EVERY time the motor is started.

Stopping the Brushcutter/ Line Trimmer

1. Release the throttle trigger (8) and allow the engine to idle for a few moments.
2. Slide the on/off switch (10) to the 'OFF' position (towards to the lower shaft) as marked with "STOP" and a directional arrow. Also indicated on the side of the handle housing by an "O".
3. The engine will now stop.

Running in the engine

1. During the first 2–3 hours of work, run the engine at a moderate RPM.
2. We advise you in any case not to maintain your engine at a high speed as the different components must settle with each other during the process of running in the engine.
3. It is at the end of the running in period that the engine will reach its maximum power.
4. After the first two hours of work, stop and make sure that all nuts and screws are securely fastened, and tighten them if necessary.

Maintenance & Cleaning



WARNING. The engine of the petrol brushcutter / line trimmer must be at a complete stop during assembling, repair and cleaning operations that could be necessary.

General inspection

Regularly check that all the fixing screws are tight. They may vibrate loose over time.

Always check when first starting the motor for each use that the cutting head is not rotating under the power of the motor when the motor is at idle.

Do not perform any maintenance procedures with the motor in operation.

Ensure the motor has stopped, and the on/ off switch is in the STOP position.

The spark plug lead should be removed from the spark plug.

Only use original Gardenline replacement parts when component parts require replacement.

Repairs

Repairs beyond those described above, should only be undertaken by trained personal. Should a malfunction occur do not use the unit any further and do not attempt to repair it yourself. Contact Customer Service or have the unit repaired by an approved Service Agent.

Maintenance

Air filter

Accumulated dust in the air filter will reduce engine efficiency, increase fuel consumption and allow abrasive particles to pass into the engine.

Remove the air filter as often as necessary to maintain a clean condition.

1. Remove the air filter cover (3) by completely loosening the air filter cover locking knob (41) in an anti clockwise direction. When the locking knob is loose enough, the air filter cover can be removed (Fig BG).
2. Light surface dust can readily be removed by tapping the filter. Heavy deposits should be washed out in suitable detergent. Do not use petrol or other chemical cleaners/solvent.
3. Squeeze out the remaining water and allow the filter to completely dry, and replace it.
4. Replace the air filter (40) first ensuring the 2 tabs on the top of the surrounding housing engage with the 2 holes at the top of the air filter cover (3). When fitted back in place, secure the air filter locking knob (41) by rotating the knob in a clockwise direction.



The air filter should be changed after approximately every 50 hours or sooner when used in high dust environments.

Replacement air filters are available for purchase from our website www.extrabattery.com.au. or by calling our Customer Service line on 1800 909 909.

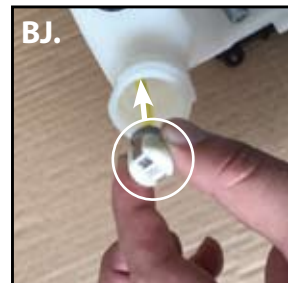
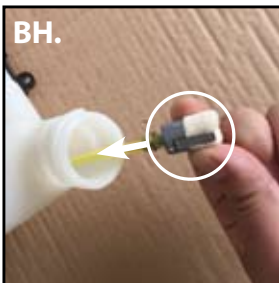
Fuel Filter

- The fuel tank is fitted with a filter.
- Filter is situated at the free end of fuel pipe and can be picked out through fuel port with a piece of hooked wire or the like. Once the fuel filter is picked out from the fuel tank, pull the fuel filter off the fuel line (Fig BH / BI).

Replace the new fuel filter by pushing it onto the fuel line until it is secure, and then inserting the fuel filter and fuel line back into the fuel tank (Fig BJ).

- Check the fuel filter periodically. Do not allow dust to enter the fuel tank. Clogged filter will cause difficulty when starting engine or abnormalities in engine performance.
- When the filter is dirty, replace the filter.
- When the inside of the fuel tank is dirty, it can be cleaned by rinsing the tank out with petrol.
- The fuel filter should be changed only when it is showing signs of blockage or there is insufficient fuel being supplied to the motor.

Replacement fuel filters are available for purchase by from our website www.extrabattery.com.au or by calling our Customer Service on 1800 909 909.

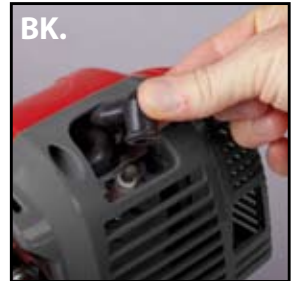


Checking the spark plug

Check the spark plug every 10–15 hours of use.

1. The spark plug is accessible from the top of the engine (Fig BK).
Remove the spark plug arrestor cover.
3. Using the supplied spark plug spanner / blade nut wrench / screwdriver combination (36) remove the spark plug, by turning in an anti-clockwise direction.
3. Clean and adjust the spark plug gap to 0.6 – 0.7mm.
Replace any damaged or visibly worn plug with a Torch CMR5H spark plug, as listed in the specifications table.
4. Install the spark plug finger tight in the cylinder head, then tighten it firmly with the supplied spark plug spanner / blade nut wrench / screwdriver combination (36) .

Replacement spark plugs can be purchased from your local Lawnmower or small engine store or by calling our Customer Service on 1800 909 909.



Servicing

- It is recommended once you first use your product to get it serviced after 15 hours of use.
- From thereafter, service the product every 2 years.

Storage and maintenance after use

- When you finish working, clean the unit completely, making sure there is no grass or dirt wrapped in the cutting tools, and put it back into its package in order to avoid its hurting you or other people during transport.
- Be aware to not hit or cut the fuel tank while you put it onto the ground. Do not let the unit fall down to the floor or it may damage the machine.
- Store the unit away from direct sunlight.
- Do not store in a nylon bag as this can encourage the formation of mould.
- At the end of the season, give the unit an overall cleaning and a thorough check.
- Do not leave the unit resting on the floor for extended periods as it could cause the shape of the guard to alter, posing a safety risk. Hang it off the floor by the top handgrip.

Whenever the machine is not used for a long period of time, proceed as follows:

- Empty the fuel and oil tank completely.
NOTE: If you remove the oil from the oil reservoir (24), ensure to apply a label on the product to remind you the oil has been drained from the motor. Failure to refill the oil reservoir (24) will result in damage to the motor if the unit is operated. Damage to the motor under these conditions is not covered under warranty.
- Protect all metal engine parts from corrosion by coating them with oil.
- Remove the spark plug, put a few drops of oil into the cylinder and then pull the recoil starter 2 to 3 times in order to distribute the oil evenly.
Replace the spark plug.

Warranty

Your new Gardenline® Brushcutter / Line Trimmer will more than satisfy your expectations. It has been manufactured under stringent Gardenline® Quality Standards to meet superior performance criteria.

You will find your new Brushcutter / Line Trimmer easy and safe to operate, and, with proper care, it will give you many years of dependable service.

CAUTION. Carefully read through this entire instruction manual before using your new Gardenline® Brushcutter / Line Trimmer. Take special care to heed the Cautions and Warnings.

Your Gardenline® Brushcutter / Line Trimmer has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this Brushcutter / Line Trimmer, making it easy to maintain and operate.

Environmental protection



Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.

Dispose of used motor oil in a manner that is compatible with the environment. We suggest you take it in a sealed container to your local service station for reclamation. Do not throw it in the trash or pour it into the earth.

What your 3 year warranty means

Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first 3 years after the date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product please contact us via our after sales support services, details of which can be found in this manual and on the product itself. After Sales Support TEL: 1800 909 909

Service Support

If you are having difficulty in using your product, you can find instructional Know How videos on our website, www.powertoolsupport.com, by clicking on the Product Assistance tab > How To product Videos.

If you have any issues with the operation of your product, please take it with a copy of your receipt to one of our National Service Agents for repair or call us 1800 909 909 for advice.

A listing of our Service Agents is included with your product, however, you can also find our most updated listing on our website www.powertoolsupport.com, by clicking on the Service Agent link.

Accessories and After Sales Parts

The following accessories are available for purchase by visiting www.extrabattery.com.au or calling our customer service hotline on: 1800 909 909



1. Replacement Spool and Line Assembly (49290-16-SPL)



2. Replacement 3T Brushcutter Blade (49290-16-3TB)



3. Replacement Air Filter (49290-16-AF)



4. Replacement Fuel Filter (49290-16-FF)



5. Replacement Recoil Starter (49290-16-RS)



6. Replacement Spark plug (TORCH CMR5H)

7. 51773 - Gardenline® 4 stroke Full Synthetic 4 stroke Oil

8. 54140 Line – 2.4mm x 50m

31cc Brushcutter / Line Trimmer

Troubleshooting

Problem	Possible Cause	Solution
Power loss or sudden stopping of the engine	<p>Fuel Tank (6) is empty</p> <p>The mixture does not reach the carburettor. There is water in the mixture.</p> <p>The air filter (40) is dirty. There are carbon deposits in the cylinder exhaust pipe or the muffler. Flooded engine.</p> <p>Choke lever (22) has been moved.</p>	<p>Check whether the fuel tank (6) is empty and refuel if required. NOTE: If the trimmer is being used a lot on its side, the tank may require a minimum of 1/4 tank of fuel.</p> <p>Clean the fuel filter in the fuel tank (6).</p> <p>Drain and rinse the fuel system. Refill the fuel tank (6) with new uncontaminated fuel. Clean the air filter (40). Clean or change the muffler. Take the product to a Service Agent. Move the choke to the run or Hot start position and restart the unit. Ensure the choke lever (22) is in the run position.</p>
Bad quality cut from the line trimmer	<p>Overloaded cutting due to too high grass or too thick for engine power.</p> <p>Wrapped vegetal material on the cutting tool. Line will not advance.</p> <p>Line welded to itself.</p> <p>Not enough line on the spool.</p> <p>Line worn too short.</p> <p>Line tangled on spool. Check choke lever (22) position.</p>	<p>Cut tall grass from the top down. Ensure high speed on the throttle, but slow down the swing operation.</p> <p>Clean the material from the spool and line.</p> <p>Manually advance the lines. Open the spool and line assembly (35) and ensure the lines have not crossed or tangled. NOTE: Always ensure the engine is turned off before undertaking this task. Lubricate with silicone spray. Manually advance the lines. NOTE: Always ensure the engine is turned off before undertaking this task. Install more line. NOTE: Always ensure the engine is turned off before undertaking this task.</p> <p>Pull lines while alternately pressing down on and releasing bump knob (34). Remove line from the spool and rewind. Must be in open or run position.</p>
Engine does not reach full speed	<p>Check the fuel. Check oil reservoir (24) level. Check spark plug (1).</p>	<p>Use fresh fuel. Do not use ethanol based fuel. Top up the oil if it is low. Clean or replace if dirty or worn.</p>
3T Brushcutter Blade (28) rotates at idle speed.	<p>The Blade is not securely fitted. The blade only rotates on run down of the motor. i.e 5 seconds. At idle the 3T brushcutter blade (28) is rotating under power from the motor.</p>	<p>Ensure the blade nut is tightened (26) This is normal but should not continue to rotate under power from the motor at idle. Immediately turn off the motor and take the product to an authorized Service Agent. DO NOT continue to use the product.</p>

For other issues not covered in this chart, please call Customer Service on 1800 909 909.

Specifications

Engine:	31cc, 4 stroke
Rated Power:	0.8KW/6500 r/min
Max. engine speed:	9500 min ⁻¹
Idle speed:	2800 - 3200 min ⁻¹
Fuel tank capacity:	650 mL
Fuel:	Unleaded Fuel (Do not use fuel that contains ethanol.)
Oil Reservoir Capacity:	70mL
Oil:	4-Stroke Oil (SAE 10W/30 is recommended)
Spark Plug type:	Torch CMR5H
Equivalent Spark Plug type:	NGK CR5HSA, NGK CR5HSB

Line Trimmer

Cutting diameter:	420mm
Cutting line:	2.4mm
Spool type:	Bump feed, twin line
Total length of line:	2.5m
Net weight:	7.3 kg

Brushcutter

Blade cutting width:	255mm	
Blade type:	Tri-Metal, 3T 255mm Diameter x 25.4mm Bore	
Net Weight:	7.2 kg	
Product Dimensions:	185cm X 39cm X 27cm (L x W x H)	
Noise label rating;	80 dBA (taken at 7.5 metres). You must wear ear protection at all times.	
Vibration Level:	Front handle (m/s ²)	Rear handle (m/s ²)
Brushcutter:	5,548	5,569
Line Trimmer.	8,073	10,120
This product complies with:	EN ISO 11806-1:2011 AfPS GS 2014:01 EN ISO 14982:2009	

31cc Brushcutter / Line Trimmer

This page is blank



ALDI guarantees that our exclusive brand products are developed to our stringent quality specifications. If you are not entirely satisfied with this product, please return it to your nearest ALDI store, within 60 days from the date of purchase, for a full refund or replacement, or take advantage of our after sales support by calling the supplier's Customer Service Hotline.



Made in China

Gardenline® is a registered trademark of ALDI Stores

DISTRIBUTED BY:

ALDI STORES

1 SARGENTS ROAD

MINCHINBURY NSW 2770

www.aldi.com.au

AFTER SALES SUPPORT



 1800 909 909 (toll free)

e-mail: help@powertoolsupport.com

MODEL: BC35TS-2 • 10/2017 • 49290

3

YEAR WARRANTY