

36V

Cordless Blower Vacuum

S36BVL



**Important - Please read these instructions
fully before starting assembly**

These instructions contain important information that will help you get the best from your pole hedge trimmer, ensuring it is assembled correctly and safely. If you need help or have damaged or missing parts, call the Customer Helpline on 0345 605 2069

**AFTER SALES SUPPORT
0345 605 2069**

SPEAR & JACKSON SINCE 1760

For more than 250 years gardeners have enjoyed high quality performance and great results using Spear & Jackson tools.

Our garden power tools combine continuous innovation and the latest in manufacturing technologies with a proud heritage.

Each product is carefully designed with performance, comfort and durability firmly in mind, which has earned Spear & Jackson an enviable reputation as a maker of tools to trust.

3 YEARS GUARANTEE

As a testament to the quality of our products, we offer a 3 year manufacturers warranty and a comprehensive after sales service.

The warranty covers manufacturing faults, however in the event that the item has been deliberately damaged, used in a commercial environment or disassembled then the warranty will be null and void.

Please retain proof of purchase.

7 DAYS A WEEK TECHNICAL SUPPORT

We want you to get the best out of your products. Our easy-to-read instruction manual guides you with best practice use and maintenance tips. Please call 0345 605 2069 for technical support, we can solve around 80% of questions directly over the phone.

We hope you enjoy your product and we look forward to any feedback, as this allows us to develop even better products for the future.

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SAFETY INFORMATION

Please read these instructions fully before operating or maintaining your machine

DESCRIPTION OF SYMBOLS

The following warning symbols appear throughout this manual and indicate the appropriate safety measures you should take when operating and maintaining the Pole Hedge Trimmer.



Read the operator's manual



Wear eye protection



Do not expose to rain



Warning of hazard



Keep bystanders away



Do not dispose of batteries. Return exhausted batteries to your local collection or recycling point.



Do not expose to rain or water



Do not burn



For indoor use only



Read the operator's manual.



Fuse



Positive terminal



Negative terminal



Double insulation



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

SAFETY INFORMATION

Please read these instructions fully before operating or maintaining your machine

GENERAL SAFETY

WARNING:

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

Save all warnings and instructions for future reference.

The appliance is only to be used with the power supply unit provided with the appliance.

**IMPORTANT
READ CAREFULLY BEFORE
USE.
KEEP FOR FUTURE
REFERENCE.**

Safe operating practices

1) Training

- a) Read the instructions carefully. Be familiar with the controls and the correct use of the machine.
- b) Never allow children, persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge

or people unfamiliar with these instructions to use the machine, local regulations may restrict the age of the operator.

- c) Never operate the machine while people, especially children, or pets are nearby.
- d) Keep in mind, that the operator or user is responsible for accidents or hazards occurring to other people or their property.

2) Preparation

- a) While operating the machine, always wear substantial footwear and long trousers. Do not operate the machine when barefoot or wearing open sandals. Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
- b) Do not wear loose clothing or jewellery that can be drawn into the air inlet. Keep long hair away from the air inlets.
- c) Obtain ear protection and safety glasses. Wear them at all times while operating the machine.
- d) Operate the machine in a recommended position and only on a firm, level surface.

SAFETY INFORMATION

e) Do not operate the machine on a paved or gravel surface where ejected material could cause injury.

f) Before using, always visually inspect to see, that the shredding means, shredding means bolts and other fasteners are secure, the housing is undamaged and that guards and screens are in place. Replace worn or damaged components in sets to preserve balance. Replace damaged or unreadable labels.

3) Operation

a) Before starting the machine, make certain that the feeding chamber is empty.

b) Keep your face and body away from the feed intake opening.

c) Do not allow hands or any other part of the body or clothing inside the feeding chamber, discharge chute, or near any moving part.

d) Keep proper balance and footing at all times. Do not overreach. Never stand at a higher level than the base of the machine when feeding material into it.

e) Always stand clear of the discharge zone when operating

this machine.

f) When feeding material into the machine be extremely careful that pieces of metal, rocks, bottles, cans or other foreign objects are not included.

g) If the cutting mechanism strikes any foreign objects or if the machine should start making any unusual noise or vibration, immediately shut off the power source and allow the machine to stop. Remove the battery pack from the machine and take the following steps before restarting and operating the machine:

i) inspect for damage;

ii) replace or repair any damaged parts;

iii) check for and tighten any loose parts.

h) Do not allow processed material to build up in the discharge zone; this may prevent proper discharge and can result in kickback of material through the intake opening.

i) If the machine becomes clogged, shut-off the power source and remove the battery pack from the machine before cleaning debris.

j) Never operate the machine with defective guards or shields, or without safety devices, for

SAFETY INFORMATION

example debris collector in place.

k) Keep the power source clean of debris and other accumulations to prevent damage to the power source or possible fire.

l) Do not transport this machine while the power source is running.

m) Always disconnect the machine from the power supply (e.g. remove the battery pack from the machine)

- whenever you leave the machine,
- before clearing blockages or unlogging chute,
- before checking, cleaning or working on the machine.

n) Avoid using the machine in bad weather conditions especially when there is a risk of lightning.

4) Maintenance and storage

a) keep all nuts, bolts and screws tight to be sure the appliance is in safe working condition.

b) Check the debris collector frequently for wear or deterioration.

c) Replace worn or damaged parts.

d) Use only genuine replacement parts and accessories.

e) Store the machine in a dry

place out of the reach of children.

f) When the machine is stopped for servicing, inspection, or storage, or to change an accessory, shut off the power source, disconnect the machine from the supply and make sure that all moving parts are come to a complete stop. Allow the machine to cool before making any inspections, adjustments, etc. Maintain the machine with care and keep it clean.

g) Store the machine in a dry place out of the reach of children.

h) Always allow the machine to cool before storing.

i) When servicing the shredding means be aware that, even though the power source is switched off due to the interlock feature of the guard, the shredding means can still be moved.

j) Never attempt to override the interlocked feature of the guard.

5) Additional safety instructions for units with bagging attachments

Switch-off the machine before attaching or removing the bag.

SAFETY INFORMATION

GENERAL SAFETY WARNINGS FOR YOUR BATTERY CHARGER

WARNING Read all safety warnings and all instructions.

Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

ADDITIONAL SAFETY INSTRUCTIONS FOR YOUR BATTERY CHARGER

1. Before charging, read the instructions.
2. Do not charge a leaking battery.
3. Do not use chargers for works other than those for which they are designed.
4. Before charging, ensure your charger is matching the local AC supply.
5. For indoor use, or do not expose to rain.
6. The charging device must be protected from moisture.
7. Do not use the charging device in the open.
8. Do not short out the contacts of battery or charger.
9. Respect the polarity “+/-“ when charging.
10. Do not open the unit and keep out of the reach of children.
11. Do not charge the batteries of other manufactures or ill-suited models.
12. Ensure that the connection between the battery charger and battery is correctly positioned and is not obstructed by foreign bodies.
13. Keep battery charger's slots

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are free of foreign objects and protect against dirt and humidity. Store in a dry and frost-free place.

14. When charging batteries, ensure that the battery charger is in a well-ventilated area and away from inflammable materials. Batteries can get hot during charging. Do not overcharge any batteries. Ensure that batteries and chargers are not left unsupervised during charging.

15. Do not recharge non-rechargeable batteries, as they can overheat and break.

16. Longer life and better performance can be obtained if the battery pack is charged when the air temperature is between 18°C and 24°C. Do not charge the battery pack in air temperatures below 4.5°C, or above 40.5°C. This is important as it can prevent serious damage to the battery pack.

17. Charge only battery pack of the same model provided by manufacturer and of models recommended by manufacturer.

SAFETY WARNINGS FOR BATTERY PACK

a) Do not dismantle, open or shred cells or battery pack.

b) Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.

When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

c) Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.

d) Do not subject battery pack to mechanical shock.

e) In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.

f) Seek medical advice immediately if a cell or

SAFETY INFORMATION

battery pack has been swallowed.

g) Keep battery pack clean and dry.

h) Wipe the battery pack terminals with a clean dry cloth if they become dirty.

i) Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.

j) Do not maintain battery pack on charge when not in use.

k) After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.

l) Battery pack gives its best performance when it is operated at normal room temperature ($20\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$).

m) When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.

n) Recharge only with the charger specified by manufacturer. Do not use any charger other than that specifically provided for use with the equipment. A charger that is suitable for one type of

battery pack may create a risk of fire when used with another battery pack.

o) Do not use any battery pack which is not designed for use with the equipment.

p) Keep battery pack out of the reach of children.

q) Retain the original product literature for future reference.

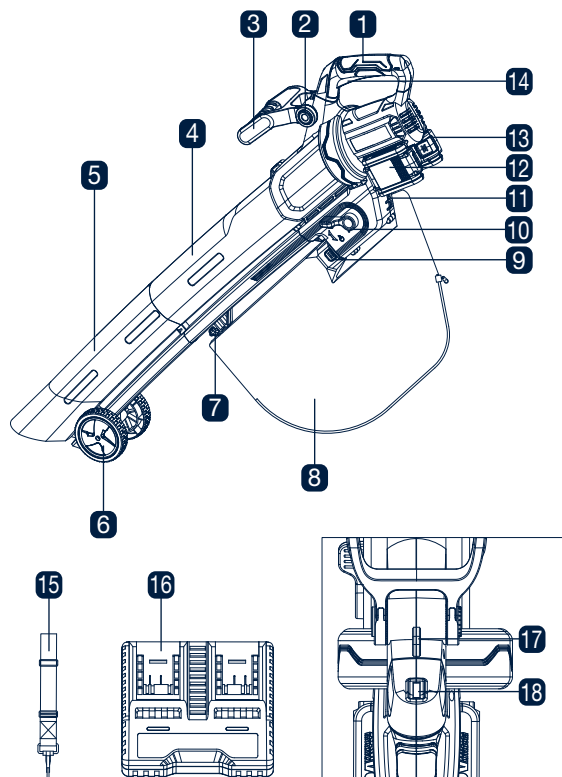
r) Remove the battery from the equipment when not in use.

s) Dispose of properly.

CONTENTS

PARTS

- | | |
|---|--|
| 1 Main handle | 10 Blower/vacuum selector lever |
| 2 Auxiliary handle locking knob | 11 Collection bag fixing hook on the machine head |
| 3 Auxiliary handle | 12 Battery pack |
| 4 Upper blower tube | 13 Battery pack release button |
| 5 Lower blower tube | 14 On/off switch |
| 6 Guiding wheel | 15 Shoulder strap |
| 7 Collection bag fixing hook on the tube | 16 Battery charger |
| 8 Collection bag | 17 Shoulder strap hook |
| 9 Locking collar for collection bag | 18 Variable speed control |



If there are any parts missing, please call the customer helpline on 0345 605 2069

ASSEMBLY

1 MOUNTING THE COLLECTION BAG (SEE FIG A1-A4)

Note: The device may only be operated with collection bag.

1). Attach the loop of the collection bag to the collection bag fixing hook on the tube.

2) Attach another loop of the collection bag to the collection bag fixing hook on the machine head.

3) Attach the bag to the locking collar.

To remove the collection bag, first remove the loop of the bag from the 2 hooks separately located on tube and machine head.

Then depress the locking button (a) first and then pull the bag out from the machine.

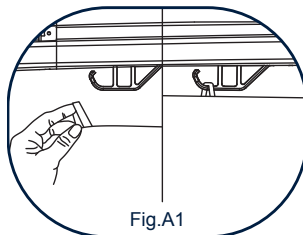


Fig.A1

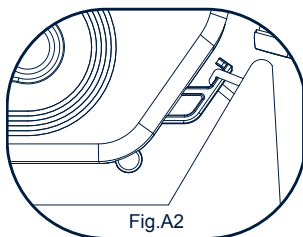


Fig.A2

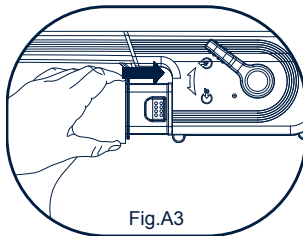


Fig.A3

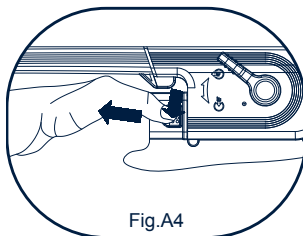


Fig.A4

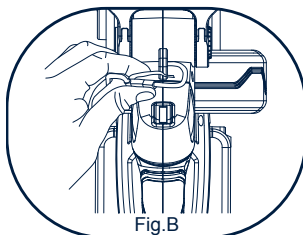


Fig.B

2 ATTACHING SHOULDER STRAP (SEE FIG B)

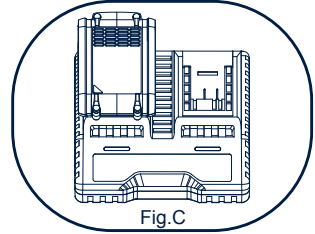
To help supporting the unit during operation, a shoulder strap (15) is provided. Connect the clip of the strap to the hook for shoulder strap on the machine head located between the main handle and the auxiliary handle.

PREPARATION

1 CHARGING THE BATTERY PACK (SEE FIG C)



WARNING! The charger and battery pack are specially designed to work together so do not attempt to use any other devices. Never insert or allow metallic objects into your charger or battery pack connections because of an electrical failure and hazard will occur.



The charger is designed to charge one or two battery packs at the same time.

NOTE:

- a) The battery in your new tool is not charged when it leaves the plant. Therefore it must be full charged before using the first time.
- b) Do not use any charger other than that specifically provided for use with the equipment.
- c) If the battery pack is very hot you must remove your battery pack from the charger and allow time for the battery to cool down before recharging.
- d) Please charge the battery to reach full or no less than half charge before storage. If the tool will not be used for long periods of time, charge the battery every 3-6 months.

CHARGING PROCEDURE

- 1) Plug the charger into an appropriate outlet. The light will be green.
- 2) Slide one or two battery packs into the charger, the light will turn to red to indicate the charging process has started. The charger is 2A charger, you can charge one battery 1 hr or charge two batteries 2 hrs.
- 3) When charging is completed, the light will turn to green. The pack is now fully charged, unplug the charger and remove the battery pack.



WARNING! When battery charge runs out after continuous use or exposure to direct sunlight or heat, allow time for the tool to cool down before re-charging to achieve the full charge.

CHARGING INDICATOR

This charger is designed to detect some problems that can arise with battery packs. Indicator lights indicate problems (see table below). If this occurs, insert a new battery pack to determine if the charger is OK. If the new battery charges correctly, then the original pack is defective and should be returned to a service center or recycling service center. If the new battery pack displays the same problem as the original Battery Pack, have the charger tested at an authorized service center.

CHARGING INDICATOR

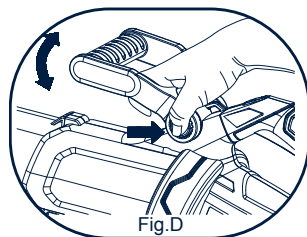
Light	ON/OFF flash	Status
Red on ●	—————	Charging
Green on	—————	Battery pack not inserted/Fully Charged

OPERATION

2

ADJUSTING AUXILIARY HANDLE (SEE FIG D)

Press the auxiliary handle locking knob. Rotate the auxiliary handle to the most comfortable and balanced position. Then release the auxiliary handle locking knob.

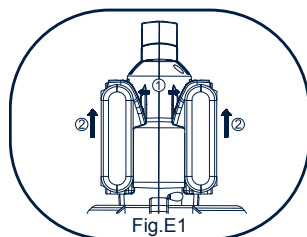


3

INSTALLING OR REMOVING THE BATTERY PACK

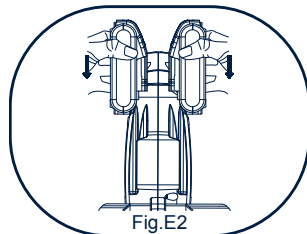
A) TO REMOVE THE BATTERY PACK (SEE FIG E1)

Press the battery pack release button firmly first and then slide the battery pack out from your tool.



b) TO INSTALL THE BATTERY PACK (SEE FIG E2)

Slide the fully charged battery pack onto the tool with sufficient force until it clicks into position.



OPERATION

1 SWITCHING ON AND OFF (SEE FIG F)

Press the On/off Switch to switch on. Release the On/off Switch to switch off.
Warning! The tool runs for a few seconds after it has been switched off. Let the motor come to a complete standstill before setting the tool down.

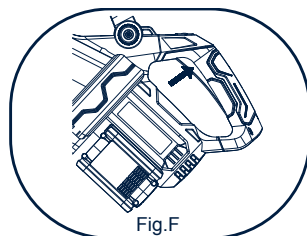


Fig.F

2 CONVERTING FROM BLOWER TO VACUUM

For selection of the operating mode, rotate the blower/vacuum selector lever to the correct symbol.

	Blowing mode (See Fig. G1)
	Vacuuming mode (See Fig. G2)

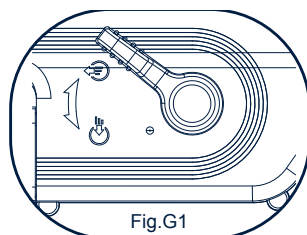


Fig.G1

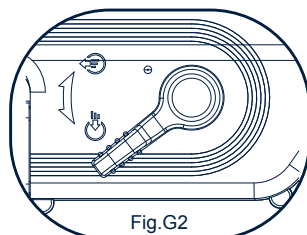


Fig.G2

3 VARIABLE SPEED CONTROL (SEE FIG H)

The maximum speed of the blower/vacuum can be altered by rotating the variable speed control to forward or backward. You can choose 1-6 and another MAX speed to work.

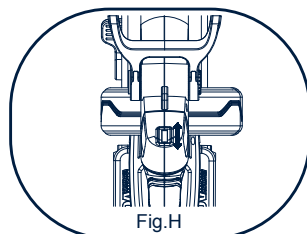


Fig.H

4 USING THE BLOWER (SEE FIG I)

The blower is intended for residential use only. Use the blower outdoors to move debris as needed.
Caution!

The blower can throw debris, possibly causing serious personal injury to the operator or bystanders.

- Do not blow hard objects such as nails, bolts, or rocks.
- Do not operate the blower near bystanders or pets.
- Use extra care when cleaning debris from stairs or other tight areas.
- Wear safety goggles or other suitable eye protection, long pants, and shoes.

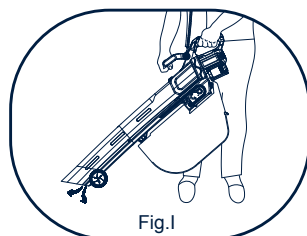


Fig.I

OPERATION

5

USING THE VACUUM (SEE FIG J)

Caution!

The vacuum can pick up debris, possibly causing serious personal injury to the operator or bystanders.

- Do not operate the vacuum without the bag installed or with the bag zipper open.
- Do not vacuum sharp, pointed, or hard objects that could be thrown through the fabric of the bag, such as wires, staples, nails, or rocks.

Important: Do not force the vacuum tube into a pile of debris or hold the tube upright while force feeding debris into the tube. Either action may clog and damage the impeller. If the vacuum starts to vibrate or make abnormal noise, stop it, unplug the cord, and check for the cause.

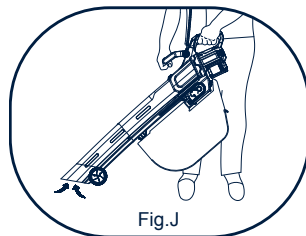


Fig.J

6

EMPTYING COLLECTION BAG (SEE FIG K)

Turn off the vacuum and remove the battery pack. Unzip and empty the bag.

Do not store debris in the bag. To clean the bag, turn it inside out and shake out any excess debris. Once a year, handwash the bag in soapy water and allow it to air dry.

Warning: Normal usage of the bag causes it to wear and deteriorate over time. A worn or deteriorated bag allows small objects to be thrown through the bag, possibly injuring the operator or bystanders. Check the bag frequently. If it is worn or deteriorated, replace it with a vacuum bag.

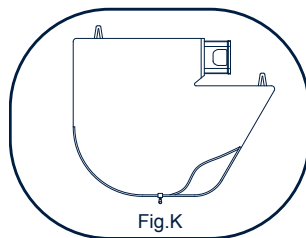


Fig.K

CLEANING AND MAINTENANCE



Warning!

- Remove the battery pack before any work on the device.
- Before each use, check the device for obvious deficiencies, such as loose, worn or damaged parts and for correct seating of the parts. Replace damaged parts.
- Carry out the following maintenance and cleaning work regularly. By this means, a long and reliable life is guaranteed.

1. Cleaning


Clean the device in each case immediately after working, since otherwise mud with leaf residues hardens and sets and can possibly no longer be removed without dismantling the motor casing.

- Clean the device casing, the vacuum tube and the ventilation slots regularly with a soft brush or a cloth. Never clean the device under running water.
- Do not employ any cleaning agents or solvents. They can irreparably damage the device. Chemical substances can attack the plastic parts of the device.
- Take off the collection bag after finishing work, turn it inside out and brush it thoroughly. In this way, you avoid the generation of mold and unpleasant outdoors.
- Free the outlet area from possible shredded residues.

2. Storage

- 1) Keep the garden vacuum-blower in a dry, frost-free location, which is inaccessible to children.
- 2) Do not store the device in direct sunlight; store it in dark or in reduced light conditions.
- 3) Do not cover the device with nylon bags, since moisture can form.
- 4) Clean the device thoroughly at the season end and for storage during wintering.
- 5) Clean the collection bag by removing it, emptying it and washing with warm water and neutral soap. Re-attach the dried bag again.

TECHNICAL DATA

Blower	S36BVL
Rated voltage	36V \equiv Max (2x18V Max)
No load speed	6000-11500/min
Max air speed	190km/h
Max suction power	600m ³ /h
Collection bag capacity	45L
Weight	3.92kg
Charger protection class	


Charger	ACG218W2
Charger rating	Input: AC 100-240V~50/60Hz, 50W Output: DC 18V, 2.0A
Charging time (approx.) 2.0 Ah (1pc) 2.0 Ah (2pcs)	1hr 2hrs

Battery pack	ABP118W7
Battery type	Lithium-Ion
Battery capacity	18V \equiv 2.0Ah, 36Wh

Accessories	
Collection bag	1
Charger (ACG218W2)	1
Battery pack (ABP118W7)	2
Shoulder strap	1

TECHNICAL DATA

Noise Information

A weighted sound pressure	$L_{pA}=88\text{dB(A)}$ $K_{pA}=3.0\text{dB(A)}$
A weighted sound power	$L_{wA}=102\text{dB(A)}$ $K_{wA}=3.0\text{dB(A)}$
Wear ear protection.	

Typical weighted vibration $a_w < 2.5\text{m/s}^2$ Uncertainty $K = 1.5\text{m/s}^2$

The declared vibration total value may be used for comparing one tool with another, and may also be used in a preliminary assessment of exposure.

⚠ WARNING: The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:

How the tool is used and the materials being cut or drilled.

The tool being in good condition and well maintained

To use the correct accessory for the tool and ensuring it is sharp and in good condition.

The tightness of the grip on the handles and if any anti vibration accessories are used.

And the tool is being used as intended by its design and these instructions.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

⚠ WARNING: To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Helping to minimise your vibration exposure risk.

Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate)

If the tool is to be used regularly then invest in anti vibration accessories.

Plan your work schedule to spread any high vibration tool use across a number of days.

ENVIRONMENTAL PROTECTION



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

WARRANTY

If your device develops a fault, please don't hesitate to contact our customer service department on 0345 605 2069, we can solve 80% of problems via the phone.

1. These warranty terms cover additional warranty rights and do not affect your statutory warranty rights. All our products are covered by a 3 year manufacturer warranty.
2. Claims must be accompanied by proof of purchase. This must be in the form of a sales receipt or bank statement and must show that the product has been purchased within the warranty period as described under point 1, from the retailer that it was originally bought from. Please keep your receipt safe or staple it to the back of this manual for future reference.
3. Our warranty covers problems caused by material or manufacturing defects, and will result in the repair of these defects or replacement of the device with a like for like or similar article.
4. Our devices have not been designed for commercial, trade or industrial applications, any signs of use of the equipment in these application or equivalent activities, invalidates the warranty.
5. The following are also excluded from our warranty:
 - 1) Faults due to accidents, customer misuse or unauthorized repairs
 - 2) Consumable Parts such as cutting line, plant protectors, handles, knobs, extension cable and other accessories that are compatible with the product.
 - 3) Failure due to lack of routine maintenance.
 - 4) Failure as a result of not using the equipment in accordance with the manual and safety instructions
 - 5) The adjustment of cables, battery pack, chargers or switches.

Warranty claims should be submitted before the end of the warranty period, see point 1, but a paid service exists for repairs commissioned after this period. The original warranty period remains applicable to the device even if repairs are carried out or parts are replaced.

In such cases, the work performed or parts fitted will not result in an extension of the warranty period, and no new warranty will become active for the work performed or parts fitted.

If you have any problems or questions concerning your garden power tool, please contact our after sales service at 0345 605 2069.

This device may be re-conditioned, like for like or upgraded replacement.

