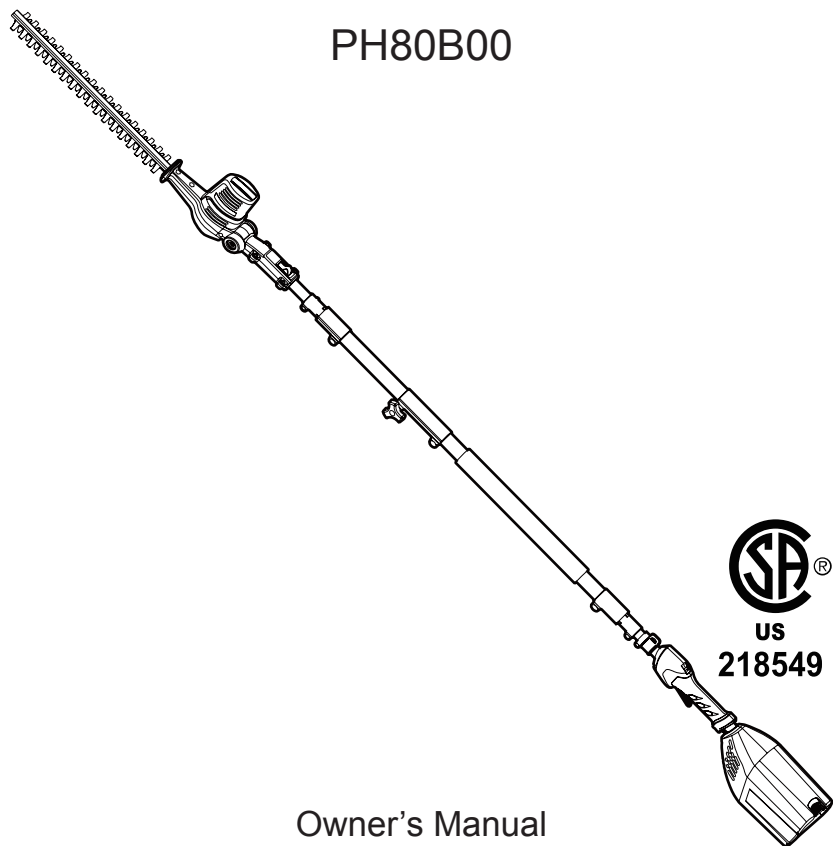




80V CORDLESS POLE HEDGE TRIMMER

PH80B00



Owner's Manual

TOLL-FREE HELPLINE: 1-855-345-3934

www.greenworkstools.com/80v-pro



Read all safety rules and instructions carefully before operating this tool.

CONTENTS

Contents	2
Specifications	2
Important Safety Instructions	3
Symbols	8
Know Your Pole Hedge Trimmer	10
Assembly	12
Operation	16
Maintenance	19
Environmentally Safe Battery Disposal.....	20
Troubleshooting	21
Limited Warranty.....	22
Exploded View	23
Parts List.....	24

SPECIFICATIONS

80V LITHIUM-ION 20” CORDLESS POLE HEDGE TRIMMER

Type	Cordless, battery-operated
Motor	80V Brushed
Blade Length.....	20" (508 mm)
Cutting Capacity	3/4" (19 mm)
Reciprocating Speed	3200 (±10%) SPM
Weight (Without Battery).....	10.6 lbs. (4.8 kg)

IMPORTANT SAFETY INSTRUCTIONS

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 term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1. WORK AREA SAFETY

A. Keep work area clean and well lit. Cluttered or dark areas invite accidents.

B. Do not operate power tools in explosive atmospheres, 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 you to lose control.

2. ELECTRICAL SAFETY

A. A battery-operated tool with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.

B. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or 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. Use a battery-operated tool only with specified battery pack. Use of any other batteries may create a risk of fire.

E. If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

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.

B. Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

C. 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.

D. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

E. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

IMPORTANT SAFETY INSTRUCTIONS

F. Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.

G. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust-related hazards.

4. POWER TOOL USE AND CARE

A. Do not force the power tool. 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.

B. 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.

C. Disconnect 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.

D. 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.

E. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

F. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

G. 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.

5. BATTERY TOOL USE AND CARE

A. Ensure the switch is in the off position before inserting battery pack. Inserting the battery pack into power tools that have the switch on invites accidents.

B. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

C. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

D. 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.

E. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

F. Use only Greenworks Batteries: GBA80200 / GBA80250 / GBA80400 / GBA80500

G. Use only Greenworks Charger: GCH8040

IMPORTANT SAFETY INSTRUCTIONS

6. SERVICE

A. Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

POLE HEDGE TRIMMER SAFETY WARNINGS

- **Keep all parts of the body away from the cutter blade. Do not remove cut material or hold material to be cut when blades are moving. Make sure the switch is off when clearing jammed material. Blades coast after turn off.** A moment of in-attention while operating the hedge trimmer may result in serious personal injury.
- **Carry the hedge trimmer by the handle with the cutter blade stopped.** Proper handling of the hedge trimmer will reduce possible personal injury from the cutting blades.
- **When transporting or storing the hedge trimmer always fit the cutting device cover.**
- **Hold the power tool by insulated gripping surfaces only, because the cutting blade may contact hidden wiring or its own cord.** Cutting blades contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **Use both hands when operating the hedge trimmer. Using one hand could cause loss of control and result in serious personal injury.**
- **Before starting the hedge trimmer, make sure the blade is not in contact with any object.**
- **Stop the unit, remove the battery pack, and make sure the blade has stopped before setting the unit down.**
- **Always stop the motor when cutting is delayed or when walking from one cutting location to another.**
- **Keep unit clean of grass clippings and other materials.** They may become lodged in the cutting blades.
- **Store the unit inside in a dry place, either locked up or up high to prevent unauthorized use or damage. Keep out of the reach of children or untrained individuals.**
- **DANGER – Keep hands away from blade.** Contact with blade will result in serious personal injury.
- **Replace blade cover when unit is not in use.**
- **Never douse or squirt the unit with water or any other liquid.** Keep handles dry, clean, and free from debris. Clean after each use; see storage instructions.
- **Secure the unit while transporting.**
- **Battery operated units do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards even when unit is not operating.**
- **Keep cable away from cutting area.** During operation the cable may be hidden in shrubs and can be accidentally cut by the blade.
- **Do not use the extended-reach hedge trimmer in bad weather conditions, especially when there is a risk of lightning.** This decreases the risk of being struck by lightning.
- **To reduce the risk of electrocution, never use near any electrical power lines.** Contact with or use near power lines may cause serious injury or electric shock resulting in death.

IMPORTANT SAFETY INSTRUCTIONS

- **Always use two hands when operating the extended-reach hedge trimmer.** Hold the extended-reach hedge trimmer with both hands to avoid loss of control.
- **Always use head protection when operating the extended-reach hedge trimmer overhead.** Falling debris can result in serious personal injury.

FOR ALL APPLIANCES

- **Avoid dangerous environment.** Don't use appliances in damp or wet locations.
- **Don't use in rain.**
- **Keep children away.** All visitors should be kept at a distance from work area.
- **Dress properly.** Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of rubber gloves and substantial footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
- **Use safety glasses.** Always use face or dust mask if operation is dusty.
- **Use right appliance.** Do not use appliance for any job except that for which it is intended.
- **Don't grasp the exposed cutting blades or cutting edges when picking up or holding the appliance.**
- **Don't force appliance.** It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- **Stay alert.** Watch what you are doing. Use common sense. Do not operate appliance when you are tired.
- **Store idle appliances indoors.** When not in use, appliances should be stored indoors in dry, and high or locked-up place. Keep out of reach of children.
- **Maintain appliance with care.** Keep cutting edge sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories. Inspect appliance cord periodically, and if damaged, have it repaired by an authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
- **Check damaged parts.** Before further use of the appliance, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this manual.

CAUTION

The unit has not been designed to provide protection from electric shock in the event of contact with overhead electric lines. Consult local regulations for safe distances from overhead electric power lines and ensure that the operating position is safe and secure before operating the extended reach hedge trimmer.

IMPORTANT SAFETY INSTRUCTIONS

WARNING

Only use with handle and guard properly assembled to hedge trimmer. The use of the hedge trimmer without the proper guard or handle provided may result in serious personal injury.

WARNING (PROPOSITION 65)

Using this product will expose you to a chemical known to the State of California to cause cancer. Using this product will expose you to a chemical known to the State of California to cause birth defects or other reproductive harm.

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:










- Lead from lead-based paints
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically treated lumber.

Your risk of exposure to these chemicals varies depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

SAVE THESE INSTRUCTIONS




SYMBOLS

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

SYMBOL	NAME	DESIGNATION/EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watt	Power
min	Minutes	Time
~	Alternating Current	Type of current
==	Direct Current	Type or a characteristic of current
	Read The Operator's Manual	To reduce the risk of injury user must read and understand operator's manual before using this product.
	Safety Alert	Precautions that involve your safety.
	Sharp Blade	Keep hands away from sharp, moving blades.
	Wet Conditions Alert	Do not expose to rain or use in damp locations.
	Wear Eye Protection	Always wear eye protection with side shields marked to comply with ANSI Z87.1 when operating this equipment.
	Wear Head Protection	Wear an approved safety hard hat to protect your head.
	Gloves	Wear non-slip, heavy-duty protective gloves when handling the pole saw and the blade.
	Ricochet	Thrown objects can ricochet and result in personal injury or property damage.
	Keep Tool Away from Electrical Lines/Keep Bystanders Away	DANGER! Risk of electrocution! Keep tool 50 feet away from electrical lines. Keep all bystanders at least 50 ft. away.

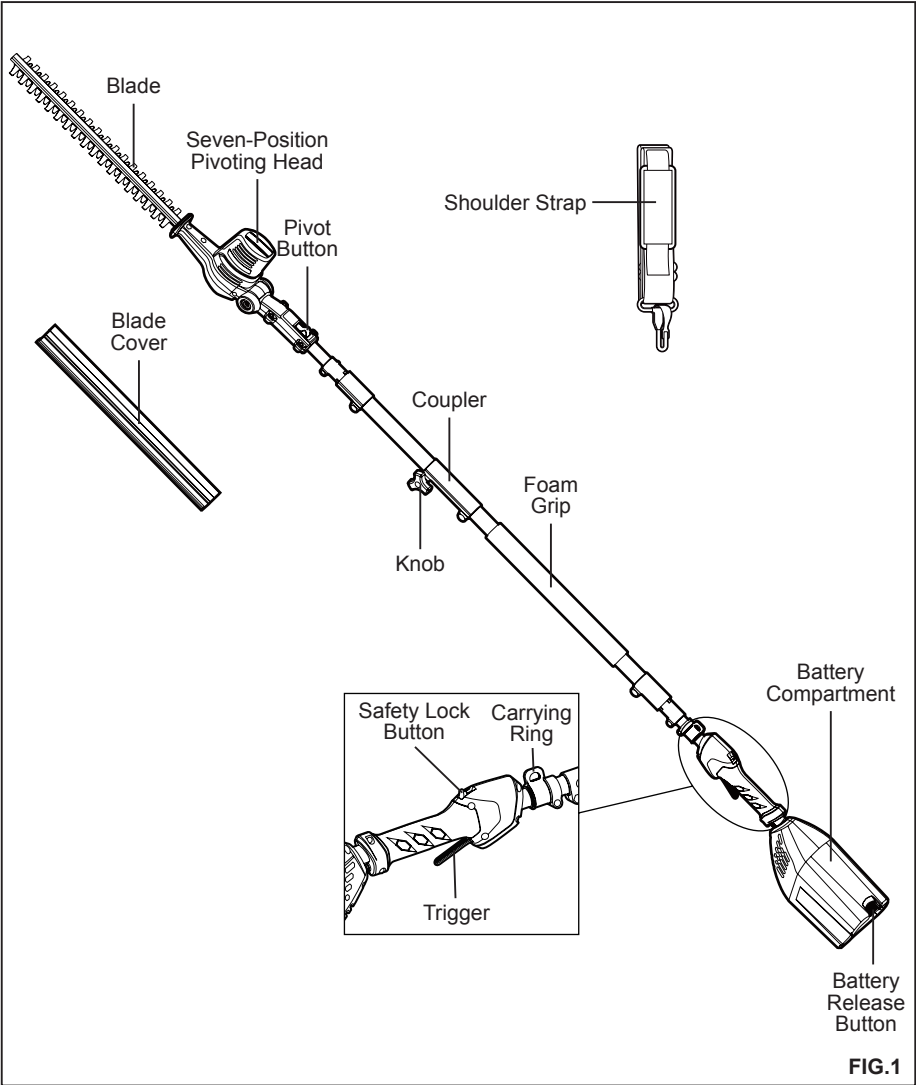
SYMBOLS

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

SYMBOL	SIGNAL	MEANING
	DANGER	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

SAVE THESE INSTRUCTIONS

KNOW YOUR POLE HEDGE TRIMMER



KNOW YOUR POLE HEDGE TRIMMER

KNOW YOUR POLE HEDGE TRIMMER *(See Figure 1.)*

The safe use of this product requires an understanding of the information on the product and in this operator's manual as well as a knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

SAFETY LOCK BUTTON & TRIGGER

The safety lock button must be pulled back before the trigger is depressed. Once the trigger is engaged, the safety lock button can be released. When the trigger is released, the safety lock button will automatically return to the locking position.

SEVEN-POSITION PIVOTING HEAD

The hedger head can be adjusted by pulling back on the pivot button.

BLADE

Dual action steel blades for cutting hedges and shrubs.

BATTERY RELEASE BUTTON

Press to release the battery pack from the tool.

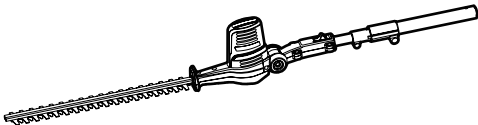
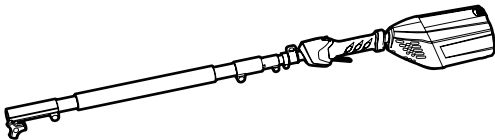

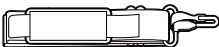

ASSEMBLY

UNPACKING

This product requires assembly.

- Carefully remove the product and any accessories from the box. Make sure that all items listed in the package contents section are included.
- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.
- If any parts are damaged or missing, please call **1-855-345-3934** for assistance.

PACKING LIST

Part Name	Figure	Qty
Hedge Trimmer Head		1
Handle Pole		1
Blade Cover		1
Shoulder Strap		1
Operator's Manual		1

⚠ WARNING

If any parts are damaged or missing, do not operate this product until the parts are replaced. Using a product with damaged or missing parts could result in serious personal injury.

⚠ WARNING

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

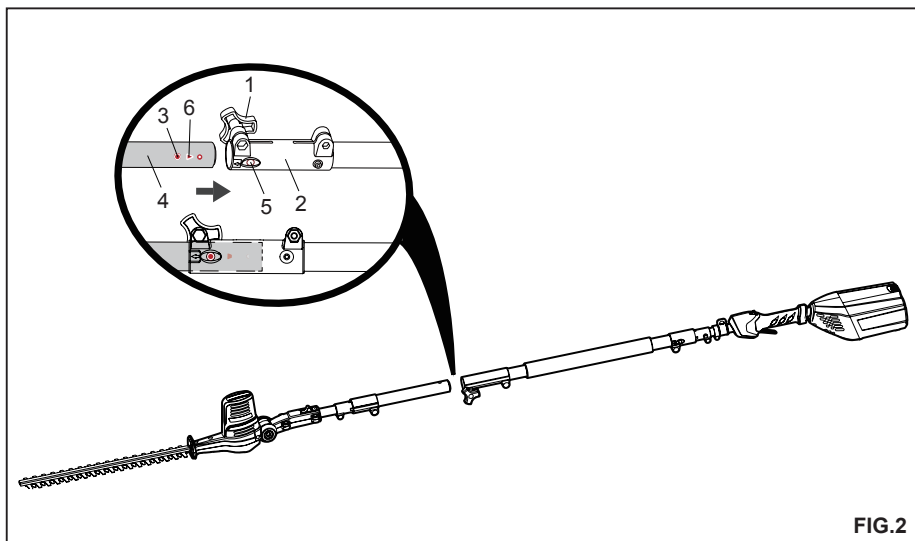
ASSEMBLY

⚠ WARNING

Do not insert the battery until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

CONNECTING THE POLES (FIG.2)

1. Set the unit on a flat, level surface.
2. Loosen the knob (1) on the coupler (2).
3. Push in the release button (3) located on the left pole (4). Align the release button with the positioning hole (5) with the direction of the arrow (6) and slide the two poles together. Rotate the lower pole until the button locks into the positioning hole.



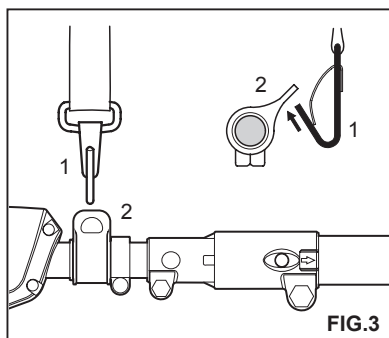
⚠ WARNING

Periodically check the connections to ensure that they are tightened securely.

ASSEMBLY

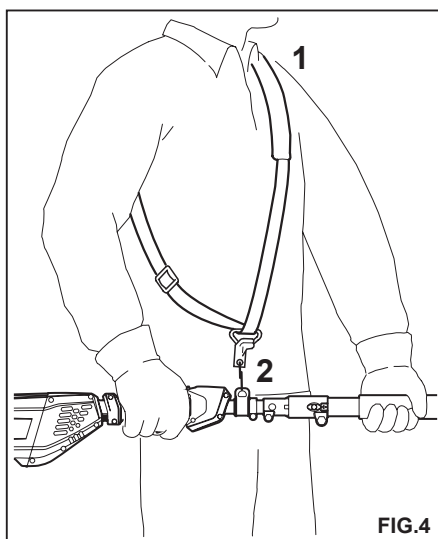
ATTACHING MACHINE TO SHOULDER STRAP (FIG.3)

- Attach the carabiner (1) to the carrying ring (2) on the drive tube.



SHOULDER STRAP (FIG.4)

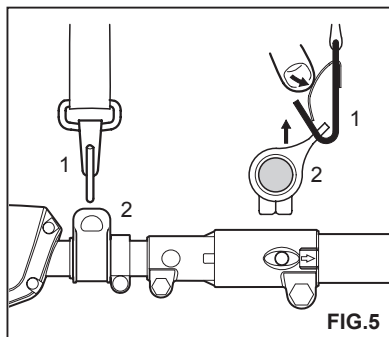
1. Put on the shoulder strap (1).
2. Adjust the length of the strap so that the carabiner (2) is about a hand's width below your right hip.



ASSEMBLY

DETACHING MACHINE FROM SHOULDER STRAP (FIG.5)

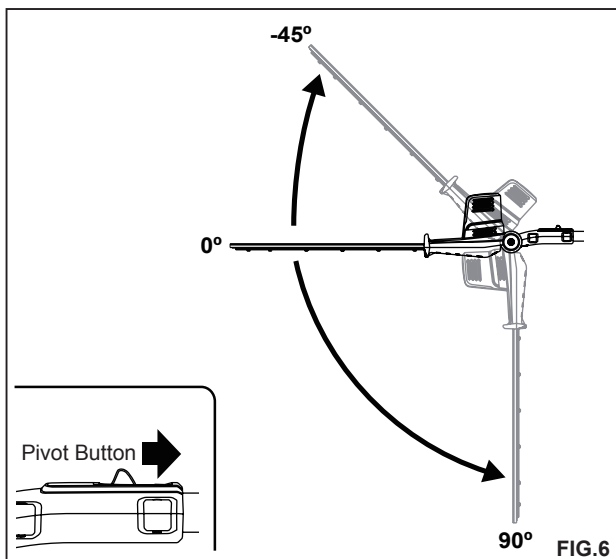
- Press down the bar on the carabiner (1) and pull the carrying ring (2) out of the carabiner.



ADJUSTING THE TRIMMER HEAD ANGLE (FIG.6)

The trimmer head pivots 135° and can be locked into 7 positions within that range.

- Pull back on the pivot button.
- While pulling the pivot button, move the head forward or backward.
- Release the pivot button once the trimmer head is in the desired position.
- The trimmer head should lock securely in place.



OPERATION

⚠ WARNING

Do not allow familiarity with this product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

⚠ WARNING

Always wear safety goggles or safety glasses with side shields when operating power tools. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury.

⚠ WARNING

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

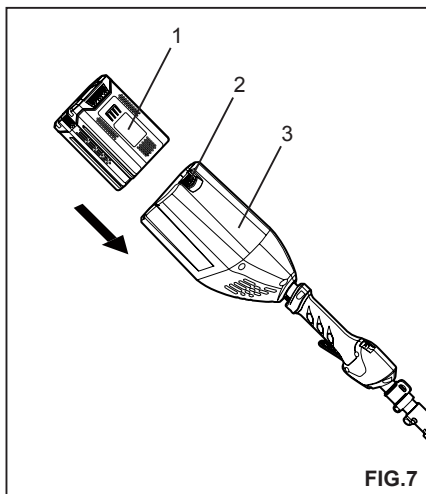
APPLICATIONS

You may use this product for the purpose listed below:

- Trimming and shaping hedges and shrubbery.

INSERTING AND REMOVING THE BATTERY (FIG.7)

- To insert the battery (1), line it up with the battery compartment (3) on the tool. Slide the battery into the battery compartment and push until the battery snaps into place.
- To remove the battery, push the release button (2). This will cause the battery to raise out of the tool.
- Pull the battery out of the battery compartment.



OPERATION

⚠ WARNING

Let the tool work at its own pace. Do not overload.

TURNING THE TOOL ON AND OFF (FIG.8)

For your safety, this tool is equipped with a double switching system. This system prevents starting the tool inadvertently.

SWITCHING ON

- Pull the safety lock button (1) backward using your thumb and at the same time squeeze the trigger (2).
- Release the safety lock button (1).

SWITCHING OFF

- Release the trigger (2).

⚠ WARNING

Never attempt to lock the trigger in the on position.

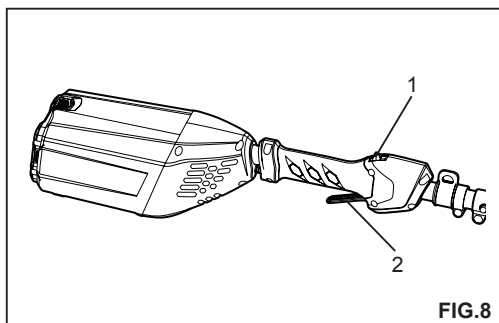


FIG.8

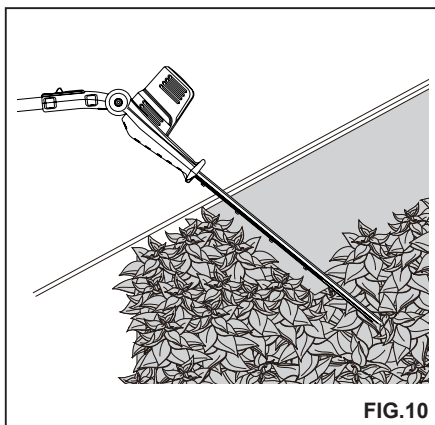
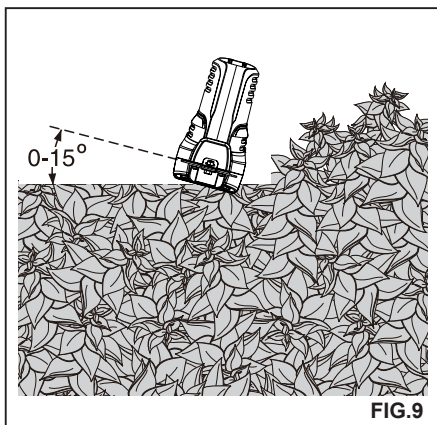
OPERATING THE POLE HEDGE TRIMMER

TIPS FOR OPTIMUM USE

- Start by trimming the top of the hedge. Slightly tilt the tool (up to 15° relative to the line of cut) so that the blade tips point slightly towards the hedge (FIG.9). This will cause the blades to cut more effectively. Hold the tool at the desired angle and move it steadily along the line of cut. The doublesided blade allows you to cut in either direction.
- In order to obtain a very straight cut, stretch a piece of string along the length of the hedge at the desired height. Use the string as a guideline, cutting just above it.
- In order to obtain flat sides, cut upwards with the growth. Younger stems move outwards when the blade cuts downwards, causing shallow patches in the hedge. (FIG.10)
- Take care to avoid any foreign objects. Especially avoid hard objects such as metal wire and railings, as these could damage the blades.

OPERATION

- Regularly oil the blades.



⚠ WARNING

Keep hands away from blade. Contact with blade will result in serious personal injury.

MAINTENANCE

CLEANING, MAINTENANCE AND STORAGE

Your tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning. Your charger does not require any maintenance apart from regular cleaning.

WARNING

Before performing any maintenance on the tool, remove the battery from the tool. Unplug the charger before cleaning it.

After use and before storage

- After use, carefully clean the blades. After cleaning, apply a film of light machine oil to prevent the blades from rusting.
- Regularly clean the ventilation slots in your tool using a soft brush or dry cloth.
- Regularly clean the motor housing using a damp cloth. Do not use any abrasive or solvent based cleaner.
- Make sure all switches are free of debris before and after use.

STORAGE

- Fully charge the battery.
- Remove the battery from the tool.
- Store the tool and battery in a secure and dry location. The storage temperature must always remain in the range of 50°F to 104°F. Place the battery on a level surface. Before using the tool after prolonged storage, fully charge the battery again.

ENVIRONMENTALLY SAFE BATTERY DISPOSAL

The following toxic and corrosive materials are in the batteries used in this string trimmer battery pack: **Lithium-Ion, a toxic material.**



⚠ WARNING

All toxic materials must be disposed of in a specified manner to prevent contamination of the environment. Before disposing of damaged or worn out Lithium-Ion battery packs, contact your local waste disposal agency, or the local Environmental Protection Agency for information and specific instructions. Take the batteries to a local recycling and/or disposal center, certified for lithium-ion disposal.

⚠ WARNING

If the battery pack cracks or breaks, with or without leaks, do not recharge it and do not use. Dispose of it and replace with a new battery pack. **DO NOT ATTEMPT TO REPAIR IT!** To avoid injury and risk of fire, explosion, or electric shock, and to avoid damage to the environment:

- Cover the battery's terminals with heavy-duty adhesive tape.
 - DO NOT attempt to remove or destroy any of the battery pack components.
 - DO NOT attempt to open the battery pack.
 - If a leak develops, the released electrolytes are corrosive and toxic. DO NOT get the solution in the eyes or on skin, and do not swallow it.
 - DO NOT place these batteries in your regular household trash.
 - DO NOT incinerate.
 - DO NOT place them where they will become part of any waste landfill or municipal solid waste stream.
 - Take them to a certified recycling or disposal centre.
-

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Tool will not start.	Battery not installed properly.	Check the battery installation.
	Battery discharged.	Fully charge the battery by following the instructions in the charger manual.
	Safety lock button not actuated.	Pull back on the safety lock button before engaging the trigger.
	Pole connections not properly tightened.	Check the connections.

LIMITED WARRANTY



GREENWORKS™ hereby warrants this product, to the original purchaser with **proof of purchase**, for a period of four (4) years against defects in materials, parts or workmanship. GREENWORKS™, at its own discretion will repair or replace any and all parts found to be defective, through normal use, free of charge to the customer. This warranty is valid only for units which have been used for personal use that have not been hired or rented for industrial/commercial use, and that have been maintained in accordance with the instructions in the owners' manual supplied with the product from new.

ITEMS NOT COVERED BY WARRANTY:

1. Any part that has become inoperative due to misuse, commercial use, abuse, neglect, accident, improper maintenance, or alteration; or
2. The unit, if it has not been operated and/or maintained in accordance with the owner's manual; or
3. Normal wear, except as noted below;
4. Routine maintenance items such as lubricants, blade sharpening;
5. Normal deterioration of the exterior finish due to use or exposure.

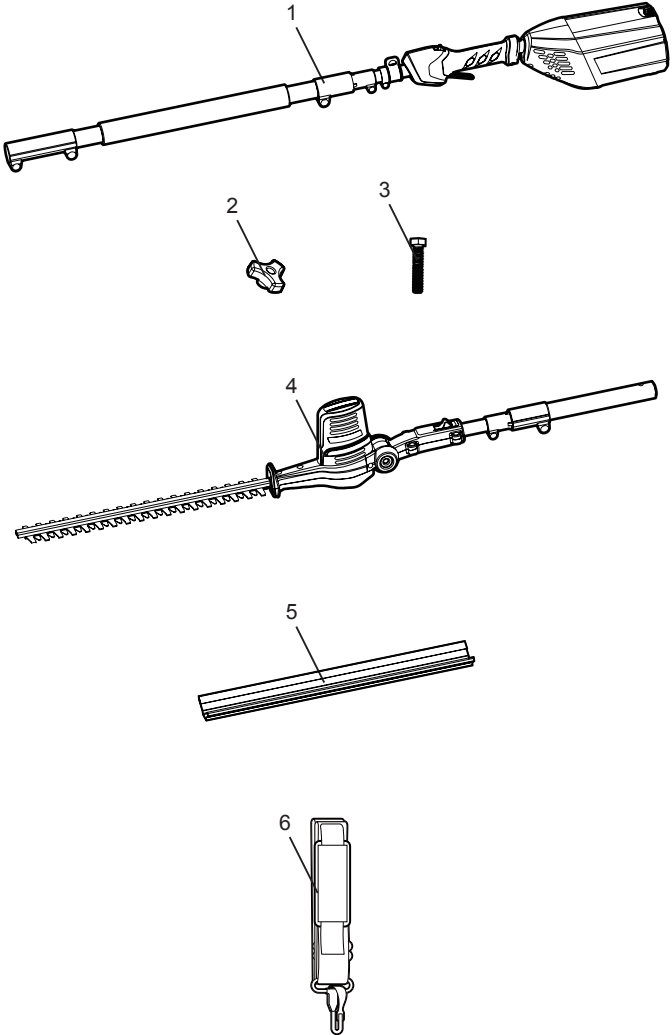
GREENWORKS HELPLINE (1-855-345-3934):

Warranty service is available by calling our toll-free helpline, at **1-855-345-3934**.

TRANSPORTATION CHARGES:

Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. It is the purchaser's responsibility to pay transportation charges for any part submitted for replacement under this warranty unless such return is requested in writing by **GREENWORKS**.

EXPLODED VIEW



PARTS LIST

Item No.	Part No.	Description	QTY
1	311031919	Handle Pole	1
2	3410835-4	Fastening Knob	1
3	322011916A	Bolt	1
4	311041919	Hedge Trimmer Head	1
5	34110648B	Blade Cover	1
6	37902144C	Shoulder Strap	1



**Greenworks Tools
PO Box 1238
Mooreville, NC 28115**

TOLL-FREE HELPLINE: 1-855-345-3934

Rev: 00 (06-30-17)



Printed in China on 100% Recycled Paper