

# greenworks

XXXXXX

EN GARDEN SHEAR

OPERATOR MANUAL

FR GARDEN SHEAR

MANUEL D'OPÉRATEUR

ES GARDEN SHEAR

MANUAL DEL OPERADOR



XXXXXX

[www.greenworkstools.com](http://www.greenworkstools.com)

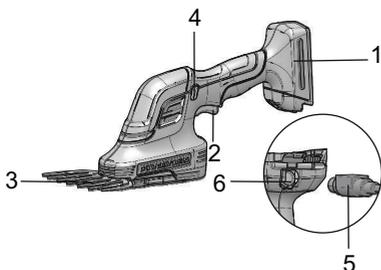
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## 1 DESCRIPTION

### 1.1 PURPOSE

The machine is intended for light trimming of shrubs and lawn edges in domestic use.

### 1.2 OVERVIEW



- 1 Battery compartment
- 2 On/Off switch
- 3 Blade assembly
- 4 Lock-off button for on/off switch
- 5 Plug connector for telescopic shaft
- 6 Socket for charge plug
- 7 Blade assembly release button
- 8 Battery (not included)
- 9 Battery release button
- 10 Plug door
- 11 Socket release button

### 1.3 PACKAGE CONTENTS

- 1 Main machine
- 2 Grass shear blade assembly
- 3 Hedge trimmer blade assembly
- 4 Manual

## 2 GENERAL POWER TOOL SAFETY WARNINGS

### ▲ 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 battery-operated (cordless) power tool.

### 2.1 WORK AREA SAFETY

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- 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.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

### 2.2 ELECTRICAL SAFETY

- Power tool plugs must match the outlet. Ensure that the Power Tool plug matches the outlet before use. Do not use this product with any adapters or modified plugs. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

### 2.3 PERSONAL SAFETY

- 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.
- 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.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting the tool to a power source and/or battery pack before 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.
- 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.
- Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress appropriately, 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.

## 2.4 POWER TOOL USE AND CARE

- 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.
- Do not use the power tool if the on and off switch is malfunctioning. Any power tool that cannot be controlled with the on and off switch is dangerous and must be repaired.
- Disconnect the power tool from the power source before storing the product or making any adjustments. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children. Do not allow anyone to operate the power tool unless they have read the instruction manual. Power tools are dangerous in the hands of untrained users.
- Check and maintain your power tool before and after every use. Look for binding of moving parts, misalignment, damage, or any other conditions 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.
- Clean and sharpen all cutting tools before and after use. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Do not use power tools or accessories for any purpose outside it's intended use. Use of the power tool for operations different from those intended could result in a hazardous situation.

## 2.5 BATTERY TOOL USE AND CARE

- Recharge only with the charger specified by the manufacturer. Use of a charger that is not designed for the battery pack may create a risk of fire.
- Keep the charging inlet away from other metal objects such as paper clips, coins, keys, nails, screws or other small metal objects. These objects may cause the battery terminal to short which could result in burns or fires.

## 2.6 HEDGE TRIMMER SAFETY WARNINGS

- Keep all body parts away from the cutting blade while the power tool is plugged into the power source. Make sure the power tool is unplugged from the power source when clearing jammed material from the blade. A moment of inattention while operating the hedge trimmer may result in serious personal injury.
- Always carry the hedge trimmer by the handle with lock button engaged until the product is in use. Always install the blade cover when transporting or storing the hedge trimmer. Proper handling of the hedge trimmer will reduce possible personal injury from the cutter blades.

- Always hold the power tool by the insulated grip handle. This will help protect the user should the tool come in contact with any live wires. Contact with live wires may make exposed metal parts of the tool live which could injure the operator.
- Keep any cords or extension cords away from the cutting blade. Contact cords or cables may damage the tool and increase the risk of injury for the operator.
- Check the hedge for foreign objects before use.

## 2.7 BATTERY CHARGERS

### ▲ WARNING

Keep the battery charger away from rain or moisture. Penetration of water in the battery charger increases the risk of an electric shock.

- Keep all body parts away from the cutting blade while the power tool is plugged into the power source. Make sure the power tool is unplugged from the power source when clearing jammed material from the blade. A moment of inattention while operating the hedge trimmer may result in serious personal injury.
- Always carry the hedge trimmer by the handle with lock button engaged until the product is in use. Always install the blade cover when transporting or storing the hedge trimmer. Proper handling of the hedge trimmer will reduce possible personal injury from the cutter blades.
- Always hold the power tool by the insulated grip handle. This will help protect the user should the tool come in contact with any live wires. Contact with live wires may make exposed metal parts of the tool live which could injure the operator.
- Keep any cords or extension cords away from the cutting blade. Contact cords or cables may damage the tool and increase the risk of injury for the operator.
- Check the hedge for foreign objects before use.

## 2.8 RECOMMENDED AMBIENT TEMPERATURE RANGE:

Item	Temperature
Garden shear storage temperature range	1.4 °F (-17 °C) ~ 113 °F (45 °C)
Garden shear operation temperature range	1.4 °F (-17 °C) ~ 113 °F (45 °C)
Battery charging temperature range	39 °F (4 °C) ~ 104 °F (40 °C)
Charger operation temperature range	39 °F (4 °C) ~ 104 °F (40 °C)
Battery discharging temperature range	1.4 °F (-17 °C) ~ 113 °F (45 °C)
Battery storage temperature range	32 °F (0 °C) ~ 113 °F (45 °C)

### 3 SYMBOLS ON THE PRODUCT

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

Symbol	Explanation
	Direct current
	Precautions that involve your safety.
	Read and understand all instructions before operating the product, and follow all warnings and safety instructions.
	Wear eye and ear protection.
	Wear non-slip, heavy duty gloves.
	Do not expose to moisture or rain.
	Only use the battery charger indoors.
	The polarity of charger.

### 4 RISK LEVELS

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

SYM-BOL	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.

### 5 ENVIRONMENTALLY SAFE BATTERY DISPOSAL



The toxic and corrosive materials below are in the batteries used in this machine: **Lithium-Ion, a toxic material.**

#### ▲ WARNING

Discard all toxic materials in a specified manner to prevent contamination of the environment. Before discarding damaged or worn out Li-ion battery, 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. Discard it and replace with a new battery pack. **DO NOT TRY TO REPAIR IT!** To prevent injury and risk of fire, explosion, or electric shock, and to avoid damage to the environment:

- Cover the terminals of the battery with heavy-duty adhesive tape.
- **DO NOT** try to remove or destroy any of the battery pack components.
- **DO NOT** try 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** put these batteries in your regular household trash.
- **DO NOT** incinerate.
- **DO NOT** put them where they will become part of any waste landfill or municipal solid waste stream.
- Take them to a certified recycling or disposal center.

## 6 PROPOSITION 65

### ▲ WARNING

This product contains a chemical known to the state of California to cause cancer, 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;
- 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.

## 7 INSTALLATION

### 7.1 UNPACK THE MACHINE

#### ▲ WARNING

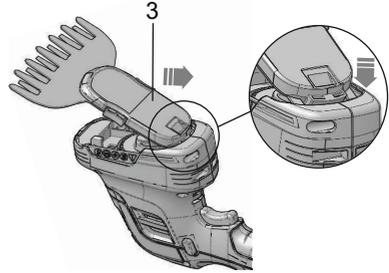
Make sure that you correctly assemble the machine before use.

#### ▲ WARNING

- If parts of the machine are damaged, do not use the machine.
- If you do not have all the parts, do not operate the machine.
- If parts are damaged or missing, contact the service center.

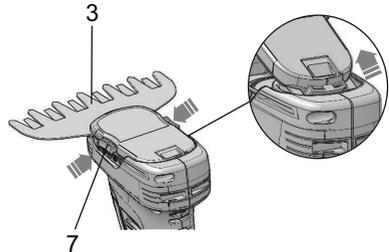
1. Open the package.
2. Read the documentation provided in the box.
3. Remove all the unassembled parts from the box.
4. Remove the machine from the box.
5. Discard the box and packing material in compliance with local regulations.

### 7.2 INSTALL THE BLADE ASSEMBLY



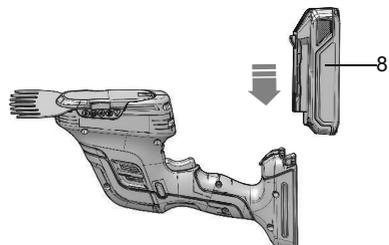
1. Locate the end of blade assembly (3) under the retaining rib in the rear corner of the housing, press down the whole blade assembly (3) until aligning the holes in the blade onto the pins.

### 7.3 REMOVE THE BLADE ASSEMBLY



1. Press the blade assembly release button (7).
2. Lift the blade assembly (3) away from the housing.

### 7.4 INSTALL THE BATTERY

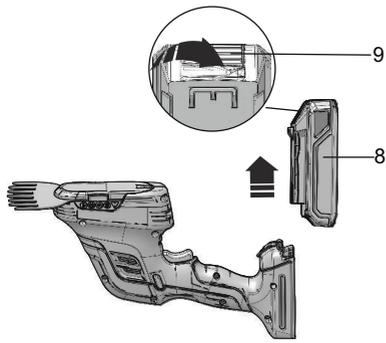


#### ▲ WARNING

- If the battery pack or charger is damaged, replace the battery pack or the charger.
- Stop the machine and wait until the engine stops before you install or remove the battery pack.
- Read, know, and do the instructions in the battery and charger manual.

1. Align the lift ribs on the battery pack (8) with the grooves in the battery compartment.
2. Push the battery pack (8) into the battery compartment until the battery pack (8) locks into place.
3. When you hear a click, the battery pack (8) is installed.

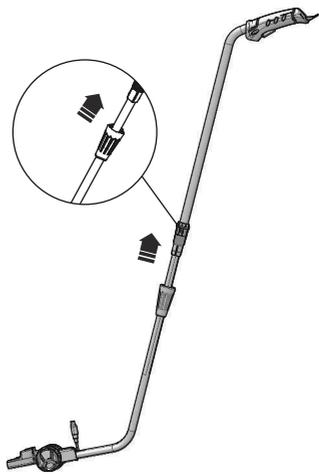
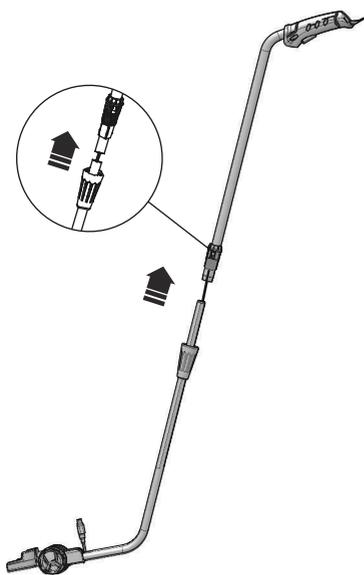
**7.5 REMOVE THE BATTERY PACK**



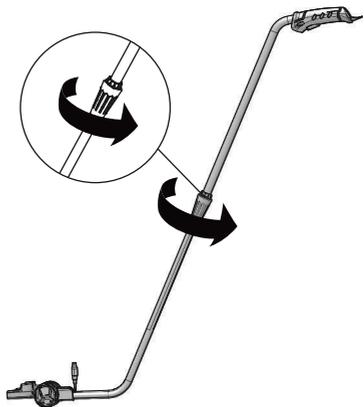
1. Push and hold the battery release button (9).
2. Remove the battery pack (8) from the machine.

**7.6 CONNECT THE TELESCOPIC SHAFT (NOT INCLUDED, AVAILABLE AS ACCESSORY)**

1. Align the arrow on the end of lower shaft with the arrow on the upper shaft. Push the upper shaft onto the lower shaft.



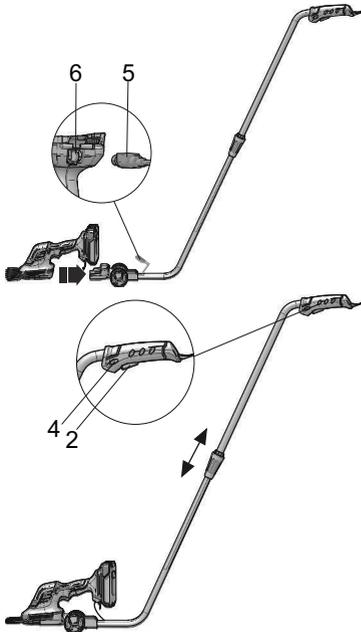
2. Fasten the head coupler.



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

**▲ WARNING**  
When parts are missing or damaged, please contact your dealer.

## 7.7 EXTENDED USAGE



### ▲ WARNING

This shear can be used in conjunction with telescopic a shaft , which is available as accessory for comfortable operation that only suits for cutting grass.

### ▲ WARNING

Please plug the connector according to the direction of the icon on the plug cover. Otherwise, the plug will be damaged.

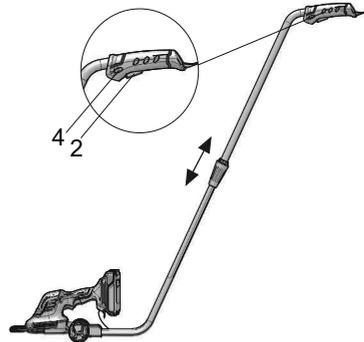
1. Open the plug door (10) on the socket.
2. Plug the connector for telescope shaft (5) into the socket outlet (6).
3. Push forward the grass shear into the socket on the rear side of the handle.
4. Press the lock-off button (4) and hold while actuating the on/off switch (2) to start the machine.
5. Release the On/Off switch (2) to stop the machine.
6. Press the release button under the socket of the handle to remove the grass shear.

## 8 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.

### 8.1 START THE MACHINE



1. Press the lock-off button (4) and hold while actuating the on/off switch (2).

### 8.2 STOP THE MACHINE

1. Release the lock-off button (4) and the power switch (2) to stop the machine.

### 8.3 CUT GRASS

1. Hold the device horizontally to the ground. The blade should touch the grass. Results are best when the lawn is dry. Unlock the safety switch, and then depress the ON/OFF switch to cut the grass.

### i NOTE

To avoid serious personal injury, always turn off the machine before cleaning when the machine was jammed. use a soft brush to remove debris from intakes and cutting blade. Then restart the machine.

### 8.4 TRIM HEDGES

1. The device may be used to trim small hedges and shrubs. Hold the device in a slight angle to the hedge. First, trim the lateral areas from the lower to the upper edges, and then trim the upper edge.

## 9 MAINTENANCE

### ▲ WARNING

Switch off before adjusting or cleaning. The blade continues to move for a few seconds after the device is switched off.

**▲ WARNING**

Do not touch the moving blades.

**i NOTE**

To ensure long and reliable service, carry out the following maintenance regularly.

- Regularly check for obvious defects such as loose fixings, and worn or damaged components.
- Ensure that the guard and protective devices are undamaged and properly mounted. Before using, carry out any necessary maintenance or repairs.
- If the garden product should happen to fail, repairs should always be carried out by an authorized customer service agent for garden products.

**9.1 BLADE MAINTENANCE**

- Always clean and lubricate the blades after use.
- During longer cutting jobs, we recommend periodically lubricating the cutting blade.
- Visually check the condition of the blades cutting edges.
- Ensure that the cutting blade is stored with the blade guard supplied when not in use.

**9.2 START THE MACHINE**

*Figure*

**▲ WARNING**

Always wear protective gloves when using, adjusting or cleaning the garden product.

**▲ WARNING**

Do not change the blade without blade covers.

1. Press the blade assembly release button.
2. Lift the blade assembly away from the housing.

**9.3 STORE THE MACHINE****▲ WARNING**

Switch off before adjusting or cleaning. The blades continue to move for a few seconds after the garden product is switched off.

**▲ WARNING**

Do not touch the moving blades.

**▲ WARNING**

Always wear protective gloves when using, adjusting or cleaning the garden product.

- Clean the exterior of the device thoroughly using a soft brush and cloth. Do not use water, solvents or polishes. Remove all debris.
- Carry the device by the handle with the cutter blade stopped. When transporting or storing the hedge trimmer blade always fit the cutting device cover.
- Store the device in a secure, dry place out of the reach of children. Do not place other objects on top of the device.

**10 TROUBLESHOOTING**

Problem	Possible cause	Solution
The machine does not start.	The battery capacity is low.	Charge the battery pack according to the instructions included with your model.
	The battery pack is too cold.	Charge the battery pack.
	The battery pack is not attached to the engine.	Make sure the battery pack is installed correctly.
Motor runs, but cutting blades do not move.	Hedger damaged. Do not use garden shear.	Call for technical service.
Motor hums, blades do not move.	Debris may be jamming the blades.	Switch off, clear debris blockage from blades.

**11 TECHNICAL DATA**

Voltage	40 V
No load speed	1400 / min
Weight (without battery pack)	15.4 lbs (7 kg)
Vibration	< 2.5 m/s <sup>2</sup> , K = 1.5 m/s <sup>2</sup>
Battery model	48B4AH and other BAF series and other series
Charger model	CAM803 and other CAF series and other series
Grass shear mode:	
Blade length	150 mm
Cutting capacity	20 mm
Hedge trimmer mode:	
Blade length	200 mm
Cutting capacity	8 mm

## 12 LIMITED WARRANTY



Greenworks hereby warrants this product, to the original purchaser with proof of purchase, for a period of three (3) 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.

### HELPLINE:

Warranty service is available by calling our toll-free helpline at 1-855-470-4267.

### 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.

#### USA address:

Greenworks Tools  
P.O. Box 1238

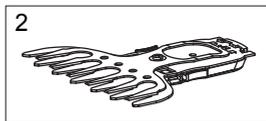
Mooresville, NC 28115

#### Canadian address:

Greenworks Tools Canada, Inc.  
P.O. Box 93095, Newmarket,  
Ontario

L3Y 8K3

13 EXPLODED VIEW



No.	Part No.	Qty	Description
1	XXXXXX	1	Hedge trimmer blade
2	XXXXXX	1	Grass shear blade