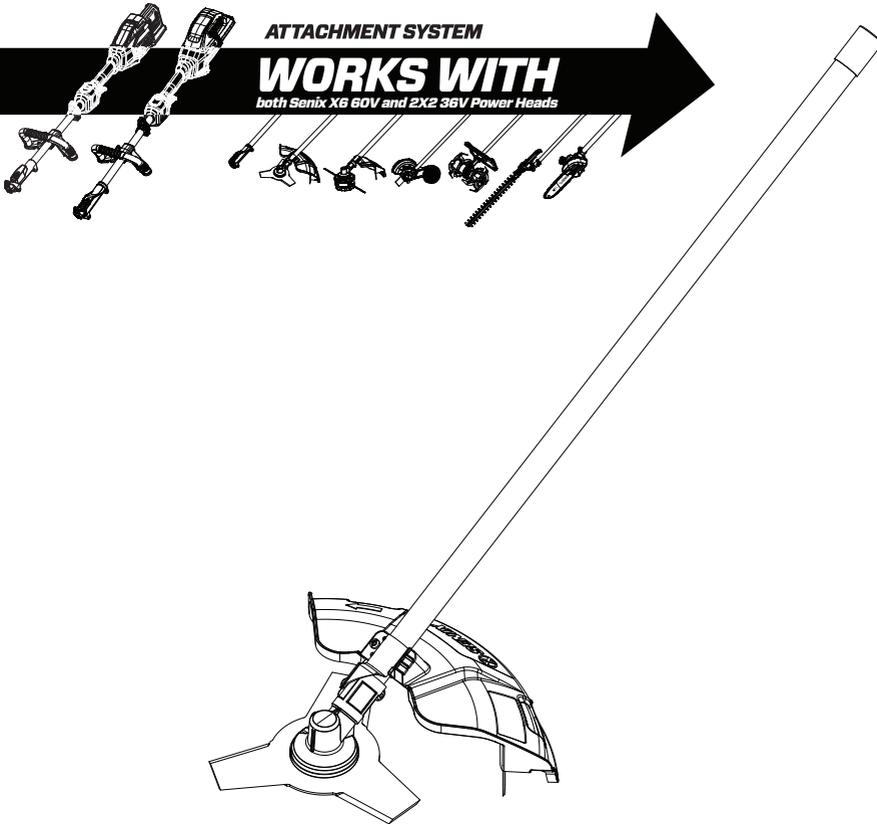




BRUSHCUTTER ATTACHMENT



CAUTION: Before using this tool, please read this manual completely, and follow all operating safety measures.

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE

Senix Australia Pty Ltd. 32/3 Westside Avenue, #Port Melbourne, Victoria, 3207
For customer support, please call 1300 461 825 or email us at info@senixtool.com

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SAFETY & INTERNATIONAL SYMBOLS

The following table depicts and describes safety and international symbols and pictographs that may appear on this product. Read, understand, and follow all instructions on the machine and in the instruction manual for complete safety, assembly, operating, maintenance, and repair information before attempting to assemble and operate.



Caution / Warning.



To reduce the risk of injury, user must read instruction manual.



Wear eye protection.



Wear ear protection.



Wear head protection.



Wear hand protection.



Wear slip-resistant footwear.



Do not expose to rain.



WARNING - Beware of thrown objects.



WARNING - Beware of blade thrust.



WARNING - Disconnect all batteries before maintenance.



WARNING - The distance between the machine and bystanders shall be at least 15 m (50 ft).



The primary direction of rotation of the spindle.



RCM Mark

SAFETY INSTRUCTIONS

ORIGINAL INSTRUCTIONS

GENERAL POWER EQUIPMENT SAFETY WARNINGS



WARNING!

Read all safety warnings, instructions, illustrations and specifications provided with this power equipment. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. **Save all warnings and instructions for future reference.**

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

1. Work Area Safety

- a. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b. **Do not operate power equipment in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power equipment create sparks which may ignite the dust or fumes.
- c. **Keep children and bystanders away while operating a power equipment.** Distractions can cause you to lose control.

2. Electrical Safety

- a. **Power equipment plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power equipment.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- 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 equipment to rain or wet conditions.** Water entering a power equipment will increase the risk of electric shock.
- d. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power equipment. Keep cord away from heat, oil, sharp edges or moving**

parts. Damaged or entangled cords increase the risk of electric shock.

- e. **When operating a power equipment outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
 - f. **If operating a power equipment 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 equipment. Do not use a power equipment while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power equipment may result in serious personal injury.
 - b. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a 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 power equipment.** Carrying power equipment with your finger on the switch or energising power equipment that have the switch on invites accidents.
 - d. **Remove any adjusting key or wrench before turning the power equipment on.** A wrench or a key left attached to a rotating part of the power equipment may result in personal injury.
 - e. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power equipment in unexpected situations.
 - f. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery 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 dust collection can reduce dust-related hazards.

- h. **Do not let familiarity gained from frequent use of power equipment allow you to become complacent and ignore power equipment safety principles.** *A careless action can cause severe injury within a fraction of a second.*
4. **Power Equipment Use and Care**
- a. **Do not force the power equipment. Use the correct power equipment for your application.** *The correct power equipment will do the job better and safer at the rate for which it was designed.*
- b. **Do not use the power equipment if the switch does not turn it on and off.** *Any power equipment that cannot be controlled with the switch is dangerous and must be repaired.*
- c. **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power equipment before making any adjustments, changing accessories, or storing power equipment.** *Such preventive safety measures reduce the risk of starting the power equipment accidentally.*
- d. **Store idle power equipment out of the reach of children and do not allow persons unfamiliar with the power equipment or these instructions to operate the power equipment.** *Power equipment are dangerous in the hands of untrained users.*
- e. **Maintain power equipment and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power equipment's operation. If damaged, have the power equipment repaired before use.** *Many accidents are caused by poorly maintained power equipment.*
- f. **Keep cutting equipment sharp and clean.** *Properly maintained cutting power equipment with sharp cutting edges are less likely to bind and are easier to control.*
- g. **Use the power equipment, accessories and power equipment bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power equipment for operations different from those intended could result in a hazardous situation.*
- h. **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the power equipment in unexpected situations.*
5. **Battery Power Equipment Use and Care**
- a. **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.*
- b. **Use power equipment only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*
- c. **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.*
- d. **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.*
- e. **Do not use a battery pack or power equipment that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.*
- f. **Do not expose a battery pack or power equipment to fire or excessive temperature.** *Exposure to fire or temperature above 130 °C may cause explosion.*
- g. **Follow all charging instructions and do not charge the battery pack or power equipment outside the temperature range specified in the instructions.** *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*
6. **Service**
- a. **Have your power equipment serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power equipment is maintained.*
- b. **Never service damaged battery packs.**

Service of battery packs should only be performed by the manufacturer or authorized service providers.

BRUSH CUTTER SAFETY WARNINGS

- a. **Do not use the machine in bad weather conditions, especially when there is a risk of lightning.** *This decreases the risk of being struck by lightning.*
- b. **Thoroughly inspect the area for wildlife where the machine is to be used.** *Wildlife may be injured by the machine during operation.*
- c. **Thoroughly inspect the area where the machine is to be used and remove all stones, sticks, wires, bones, and other foreign objects.** *Thrown objects can cause personal injury.*
- d. **Before using the machine, always visually inspect to see that the cutter or blade and the cutter or blade assembly are not damaged.** *Damaged parts increase the risk of injury.*
- e. **Follow instructions for changing accessories.** *Improperly tightened blade securing nuts or bolts may either damage the blade or result in it becoming detached.*
- f. **The rated rotational speed of the blade must be at least equal to the maximum rotational speed marked on the machine.** *Blades running faster than their rated rotational speed can break and fly apart.*
- g. **Wear eye, ear, head and hand protection.** *Adequate protective equipment will reduce personal injury by flying debris or accidental contact with the cutting line or blade.*
- h. **While operating the machine, always wear safety footwear. Do not operate the machine when barefoot or wearing open sandals.** *This reduces the chance of injury to the feet from contact with a moving cutter, line or blade.*
- i. **While operating the machine, always wear long trousers.** *Exposed skin increases the likelihood of injury from thrown objects.*
- j. **Keep bystanders away while operating the machine.** *Thrown debris can result in serious personal injury.*
- k. **Always use two hands when operating the machine.** *Holding the machine with both hands will avoid loss of control.*
- l. **Hold the machine by insulated gripping surfaces only, because the cutting line or blade may contact hidden wiring.** *Cutting line or blades contacting a "live" wire may make exposed metal parts of the machine "live" and could give the operator an electric shock.*
- m. **Always keep proper footing and operate the machine only when standing on the ground.** *Slippery or unstable surfaces may cause a loss of balance or control of the machine.*
- n. **Do not operate the machine on excessively steep slopes.** *This reduces the risk of loss of control, slipping and falling which may result in personal injury.*
- o. **When working on slopes, always be sure of your footing, always work across the face of slopes, never up or down and exercise extreme caution when changing direction.** *This reduces the risk of loss of control, slipping and falling which may result in personal injury.*
- p. **Keep all parts of the body away from the cutter, line or blade when the machine is operating. Before you start the machine, make sure the cutter, line or blade is not contacting anything.** *A moment of inattention while operating the machine may result in injury to yourself or others.*
- q. **Do not operate the machine above waist height.** *This helps prevent unintended cutter or blade contact and enables better control of the machine in unexpected situations.*
- r. **When cutting brush or saplings that are under tension, be alert for spring back.** *When the tension in the wood fibres is released, the brush or sapling may strike the operator and/or throw the machine out of control.*
- s. **Use extreme caution when cutting brush and saplings.** *The slender material may catch the blade and be whipped toward you or pull you off balance.*
- t. **Maintain control of the machine and do not touch cutters, lines or blades and other hazardous moving parts while they are still in motion.** *This reduces the risk of injury from moving parts.*
- u. **Carry the machine with the machine switched off and away from your body.** *Proper handling of the machine will reduce the likelihood of accidental contact with a moving cutter, line or blade.*

- v. **When transporting or storing the machine, always fit the cover on metal blades.** *Proper handling of the machine will reduce the likelihood of accidental contact with the blade.*
 - w. **Only use replacement cutters, lines, cutting heads and blades specified by the manufacturer.** *Incorrect replacement parts may increase the risk of breakage and injury.*
 - x. **When clearing jammed material or servicing the machine, make sure the switch is off and the battery pack is removed.** *Unexpected starting of the machine while clearing jammed material or servicing may result in serious personal injury.*
- d. **Always maintain good visibility of the material being cut.** *Blade thrust is more likely to occur in areas where it is difficult to see the material being cut.*
 - e. **If you are approached by another person while operating the machine, switch the machine off.** *There is an increased risk of injury to other persons being struck by the moving blade in the event of blade thrust.*
- NOTE: SEE YOUR POWER HEAD INSTRUCTION MANUAL FOR ADDITIONAL SPECIFIC SAFETY RULES.**

BLADE THRUST CAUSES AND RELATED WARNINGS

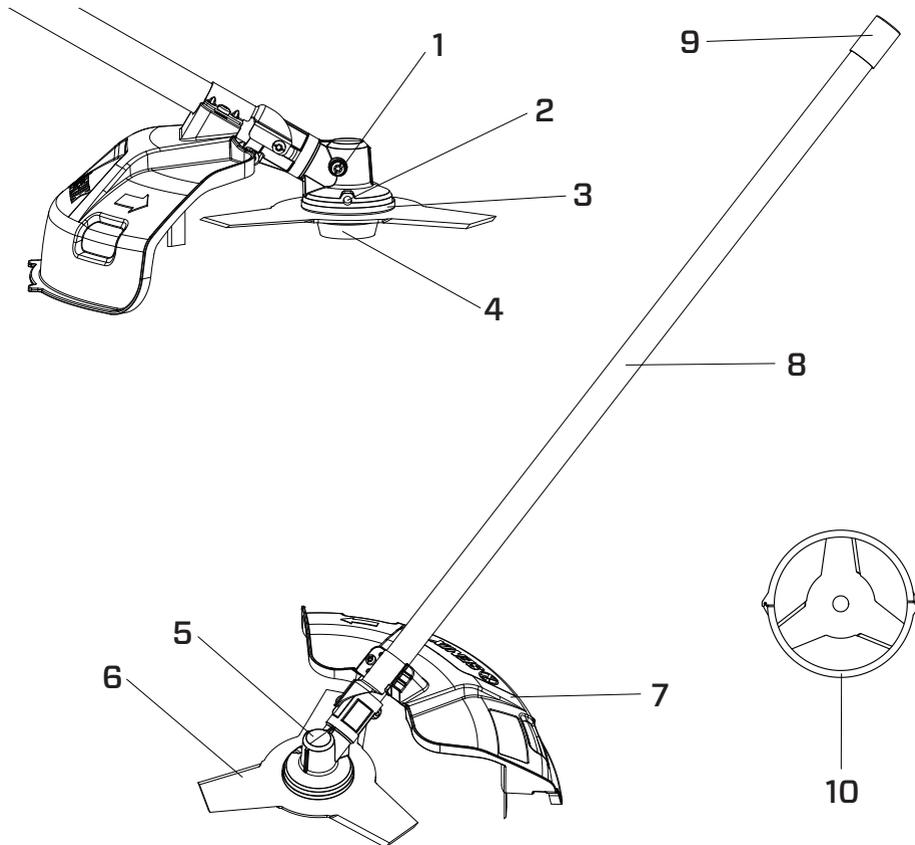
- Blade thrust is a sudden sideways, forward or backward motion of the machine, which may occur when the blade jams or catches on an object such as a sapling or a tree stump. It can be violent enough to cause the machine and/or operator to be propelled in any direction, and possibly lose control of the machine.
 - Blade thrust and its related hazards can be avoided by taking proper precautions as given below.
- a. **Maintain a firm grip with both hands on the machine and position your arms to resist blade thrust. Position your body to the left side of the machine.** *Blade thrust can increase the risk of injury due to the machine moving unexpectedly. Blade thrust can be controlled by the operator if proper precautions are taken.*
 - b. **If the blade binds, or when interrupting a cut for any reason, switch the machine off and hold the machine motionless in the material until the blade comes to a complete stop. While the blade is binding, never attempt to remove the machine from the material or pull the machine backward while the blade is in motion, otherwise blade thrust may occur.** *Investigate and take corrective actions to eliminate the cause of blade binding.*
 - c. **Do not use blunt or damaged blades.**

SAVE THESE INSTRUCTIONS

INTENDED USE

This attachment is designed solely for cutting tall grass, weeds, brush, and overgrowth, and for thinning young tree stands. Do not use it for other purposes.

KNOW YOUR UNIT



APPLICATIONS

Model: ABC002

As a brush cutter attachment, used for connecting to a power head to cut malted grass, weeds, wild growth and scrub, thinning young stands.

1	Sealing Screw
2	Shaft-Locking Hole
3	Inner Flange
4	Outer Flange
5	Gear Case

6	3-tooth Metal Blade
7	Guard
8	Brush Cutter Shaft
9	End Cap
10	Blade Sheath

SPECIFICATIONS

Model	ABC002
No-Load Speed	6000 RPM (Max)
Diameter Cutting Capacity	23 cm
Decibels	96 dB
Blade Type	3 Teeth
Pipe Material	Aluminum
Recommended Operating Temperature	-15°C-40°C
Recommended Storage Temperature	-20°C-70°C
Weight (Tool Only)	1.7 Kg
Power Head Matched	PHX2-M-EU PHX6-M-EU

ASSEMBLY

1. Unpack all parts and lay them on a flat, stable surface:
2. Remove all packing materials and shipping devices, if applicable.
3. The scope of delivery varies depending on the country and purchased variant.
 - Brush Cutter Attachment x1
 - Blade(with blade sheath) x1
 - Guard x1
 - Barrier Bar x1
 - Barrier Bar Screw x1
 - Torx Wrench x1
 - Socket Wrench x1
 - Screw x1
 - Instruction Manual x1
4. If you find that parts are missing or show damage do not use the product but contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.
5. Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.

WARNING!



Wear protective gloves for this assembly work and always lay the product on a flat and stable surface while assembling.



Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the product!
Do not insert the battery pack before the power tool is completely assembled or adjusted!

MOUNTING THE GUARD

WARNING!

Mount the guard before the attachment is connected to the power head.

WARNING!

Always wear gloves when mounting or replacing the guard. Take care of the blade on the guard and protect your hand from cutting.

1. Insert the tab on the mount bracket into the slot in the guard.
2. Rotate the guard until the hole on the mount bracket aligns with the screw hole on the guard.

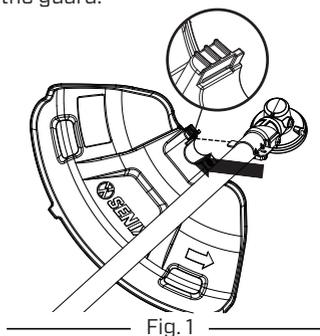


Fig. 1

3. Insert the screw and tighten until the guard is firmly in place.

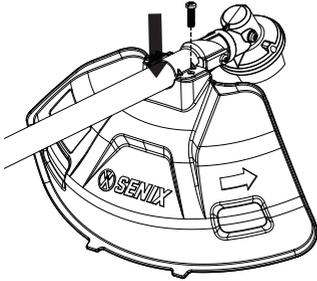


Fig. 2



NOTE:

Do not over-tighten the screw to avoid the guard damage.

MOUNTING THE BLADE

1. Rotate the outer flange to align the slot in the inner flange with the shaft-locking hole in the gear case.
2. Insert the torx wrench into the aligned holes to act as a stabilizer.

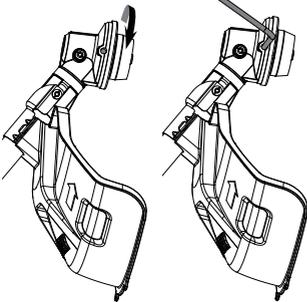


Fig. 3

3. Position the gear case against a solid surface for support. Use one hand to grasp the brush cutter shaft and the other hand to loosen the nut in clockwise direction with Socket Wrench. Remove the nut and the outer flange.

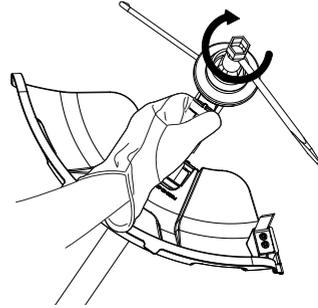


Fig. 4

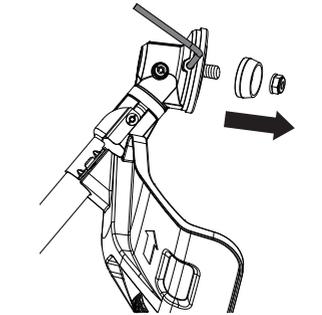


Fig. 5

4. Mount the blade onto the motor shaft, ensuring that the surface of the blade is flush with the surface of the inner flange bulge.
5. Re-install the outer flange and the nut.

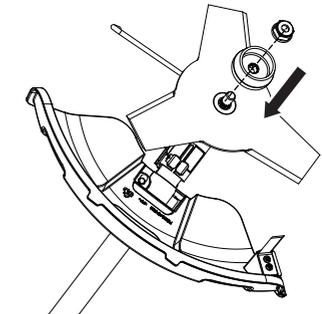


Fig. 6

6. Pre-tighten the nut in counterclockwise direction by hand, then tighten the nut in counterclockwise direction with Socket Wrench. Remove the torx wrench(stabilizer).

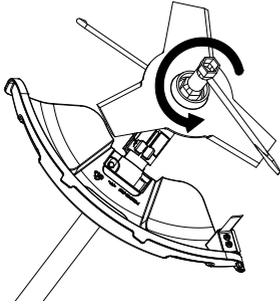


Fig.7



NOTE:

The blade must be turned over regularly to help avoid one-sided wear.

CONNECTING THE BRUSH CUTTER ATTACHMENT TO THE POWER HEAD

See “INSTALLING /REMOVING AN ATTACHMENT” section in the power head PHX2-M-EU/PHX6-M-EU instruction manual.

REMOVING THE ATTACHMENT FROM THE POWER HEAD

See “INSTALLING /REMOVING AN ATTACHMENT” section in the power head PHX2-M-EU/PHX6-M-EU instruction manual.

MODIFICATIONS TO THE FRONT HANDLE

1. Align the buckle on the barrier bar with the groove under the front handle, then push it into the groove.
2. Secure the barrier bar with screw properly.
3. Make sure that the barrier bar is on your left side when operating.

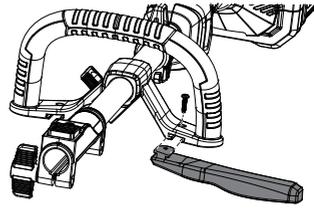


Fig.8

OPERATION

! 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.

! WARNING!

Inspect the tool for complete installation. Any missing, damaged or misplaced may cause serious injury.

! WARNING!

Wear eye and ear protection, gloves, long trousers and boots at all times while operating the power tool.

! WARNING!

Keep hands away from the blade under the guard to avoid injury risk at any time.

BEFORE OPERATION

1. Check the blade, guard, barrier bar and front handle and replace any parts that are cracked, warped, bent, or damaged in any way.
2. Check if the attachment is well mounted. If not, rotate the attachment shaft until it snaps into place.
3. Inspect the working area and remove all debris and objects that product may throw during cutting.
4. Always ensure the ventilation vents are kept clean and free from blockage.

SWITCHING ON/OFF

See “SWITCHING ON/OFF” section in the power head PHX2-M-EU/PHX6-M-EU instruction manual.

DURING OPERATION

WARNING!

The blade thrust may cause loss of control of the power tool and may result in serious or fatal injury to the operator or bystanders. To reduce the risk of injury, extreme caution should be used when cutting with blade.

WARNING!

Do not wear multiple belts or shoulder harnesses simultaneously. Ensure no other clothing/gear obstructs harness release and removal. Failure to comply may prevent emergency detachment, increasing injury risk.

1. Stand in the operating position. Stand up straight. Do not bend over. Keep feet apart and firmly planted.
2. Hold the brush cutter with your right hand on the rear handle and your left hand on the front handle.
3. The brush cutter should be held at a comfortable position with the rear handle at about hip height.



Fig. 9

4. Move the brush cutter left and right, keeping it well away from the body.
5. To cut wild growth and scrub, lower the rotating blade down onto the ground to achieve a chopping effect. Use the brush cutter like a scythe (sweep it to the right and left) at ground level.
6. Position yourself so that you will not be drawn off balance by the kickback reaction of the cutting blade.
7. Avoid glass, rocks, stones, concrete, fencing, wire, wood, metal, walls and other objects which can cause blade thrust or break the blade.
8. Never cut wood or shrubs with a stem

- diameter of more than 3/4" (2 cm).
9. When cutting brush up to 3/4" (2cm) in diameter, use the left side of the blade to minimize kickback.
10. If the machine strikes a hard object or exhibits excessive vibration, stop immediately and inspect for damage! Continued use of a damaged machine may lead to equipment failure or personal injury!



NOTE:

Do not use the cutting attachment above waist height. The higher the cutting attachment is off the ground, the greater the risk of injury from cuttings being thrown sideways.

AFTER OPERATION

1. Clean the brush cutter after each use.
2. Replace the blade regularly to maintain full cutting width and performance.
3. To prevent blockage, keep the blade clean. Remove grass clippings, leaves, dirt and any other accumulated debris before and after each use.
4. When blockage happens, stop the brush cutter and remove the battery. Then remove any grass that may have wrapped itself around the motor shaft or the blade.

MAINTENANCE



WARNING!

Remove the battery pack from the power head, and then disconnecting the attachment from power head before performing cleaning, transporting, storing and other maintenance work!



WARNING!

Only perform cleaning and maintenance work according to these instructions! Any additional maintenance or repairs must be performed by a qualified specialist using genuine replacement parts.



WARNING!

Always wear protective gloves to reduce the risk of injury.

REMOVING/REPLACING THE BLADE

! WARNING!

A worn, cracked, or damaged blade can break and pieces of the damaged blade can become dangerous projectiles. Thrown objects can cause serious injury.

! WARNING!

Inspect the blade regularly and do not operate the brush cutter with a worn or damaged blade.

- Remove the battery pack from the power head. Disconnecting the attachment from power head.
- Remove the nut and the outer flange as described in “MOUNTING THE BLADE” section.
- Remove/Replace the blade, then re-install the nut and the outer flange as described in “MOUNTING THE BLADE” section.

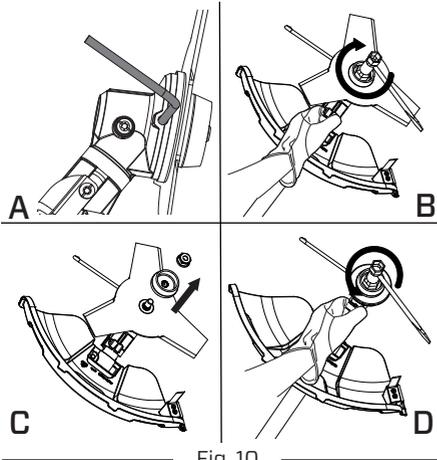


Fig. 10

- Store the blade in a dry, well-ventilated area, locked-up or up high, out of the reach of children. Do not store the blade on or adjacent to fertilizers, gasoline, or other chemicals.

i NOTE:

When the blade becomes dull or both edges of the blade are dull, please have it sharpened by

a qualified service technician or replace it with a new one if necessary.

REMOVING THE GUARD

- Loosen the screw on the guard with torx wrench. Pull the shaft until the metal plate out of the slot on the guard.
- Store the guard properly.

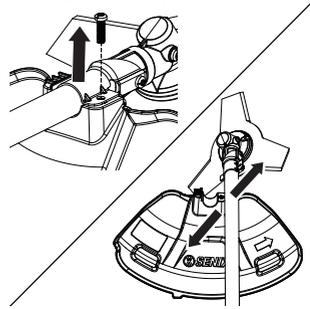


Fig. 11

CLEANING

- Wipe the machine surface with a cloth. It is highly suggested that you clean the device after each use.
- Keep the blade and guard free of debris, clogged soils and grass after each use.
- Dry the cutting blade to prevent rust. Keep the blade sharp to retain a good cutting performance.
- Keep the air vents free of obstructions. Use a small brush or a small vacuum cleaner to clean the air vents on the rear housing.



NOTE:

Do not use strong detergents. Household cleaners that contain aromatic oils such as pine and lemon, and solvents such as kerosene, can damage plastic.

TRANSPORTATION

- Cover the blade to avoid personal injury during transporting.
- Secure the product to prevent it from slipping or falling over.
- Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.

STORAGE

- Store the product and its accessories in a dark, dry, frostfree, well-ventilated place. The ideal storage temperature is between 50°F (10°C) and 86°F (30°C).
- Do not store the product under sunlight and accessible to children.
- Make sure the product is always protected from cold and humidity.

DISPOSAL



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

TROUBLESHOOTING

Suspected malfunctions are often due to causes that the users can fix themselves. Therefore, check the product using this section. In most cases the problem can be solved quickly.

Problem	Possible Cause	Solution
Product does not start.	Battery pack not properly attached.	Remove from product and reattach.
	Battery pack power too low.	Remove and charge battery pack.
	Battery pack damaged.	Have the product repaired by a qualified service.
	Safety switch is not turned on.	Refer to chapter "SWITCHING ON/OFF".
Product does not reach full power.	Battery pack power too low.	Remove and charge battery pack.
	Excessive wearing of motor fan.	Have the product repaired by a qualified service.
Unsatisfactory cutting performance.	Cutting attachment is worn.	Replace with a new blade.
Excessive vibration or noise.	Cutting system damaged.	Have the product repaired by a qualified service.
	Nuts/screws are loose.	Tighten nuts/screws.
Product suddenly stops.	Battery pack power too low.	Remove and charge battery pack.
	Battery/power head too hot.	Remove battery pack and let the tool cool down.
	Battery pack is disconnected from the machine.	Re-install the battery pack.