



OWNER'S MANUAL **A11704**

20V 20 INCH POLE/HANDHOLD HEDGE TRIMMER



FOR SERVICE CALL: (USA)1-866-591-8921/(CANADA)1-514-885-0916

WARNING : To reduce the risk of injury, user must read this manual before assembling, operating and maintaining this unit. You are responsible for operating the product properly & safely.

Version: V1.20171106

WARNING!
READ ALL INSTRUCTIONS BEFORE OPERATING! Follow all instructions.
 Save all warnings and instructions for future reference.
 These instructions below are for your safety. Please read them thoroughly before using. Familiarize yourself with them to reduce hazards like personal injuries and damage to property.

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SAFETY RULES



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.

Working Area Safety

1. Keep the work area clean and well lit. Cluttered or dark areas invite accidents. Only use the product in daylight or good artificial light.

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2. Do not operate the product 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.

3. Keep children and bystanders away while operating a power tool. keep them outside a 50-foot (15 m) radius, at a minimum. If you are approached, stop the unit immediately.

Electrical safety

1. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock. Do not operate the product on a wet hedge.
2. Your charger has designed for a specific power source voltage. Always check that the power source voltage corresponds to the voltage on the rating plate.

Personal Safety

1. 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.
2. This product is dangerous in the hands of untrained users.
3. Use personal protective equipment. Always wear eye protection. Protective equipment such as goggles, dust mask, non-skid safety shoes, helmet, or hearing protection used for appropriate conditions will reduce personal injuries.
4. Avoid accidental starting. Ensure the switch is in the off-position before connecting to 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.
5. 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.
6. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
7. Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery, or long hair can be caught in moving parts.

Power Tool Use And Care

1. 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.

2. 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.
3. Remove the battery 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.
4. 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.
5. 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.
6. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
7. 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.

Battery tool use and care

1. 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.
2. 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.
3. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
4. 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.
5. 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.

Service

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.

Safety Instructions For Battery Pack

1. Charge only by using the charger provided with the tool. Do not attempt to charge the battery pack with any other charger than the one supplied.
2. Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks open or cracks, immediately discontinue its use and do not recharge it.
3. Do not expose to water.
4. Do not incinerate the battery pack even if it is severely damaged or is completely worn out. The battery pack can explode in a fire.
5. Do not store in locations where the temperature may exceed 40°C.
6. Charge only at room temperature.
7. Charge and store the battery pack in an ambient temperature of 18 - 24°C (65 - 75°F) to ensure the longest battery life and best performance. Do not charge or store the battery pack in temperatures below 0°C (32 °F) and above 45°C (113°F).
8. Do not leave the battery pack in the charger when the charging is finished, otherwise battery leakage may occur.
9. Before charging, make sure that the battery is dry and clean.
10. Use only the correct type of battery for the tool.
11. When disposing the batteries, follow local environmental laws and regulations.
12. Do not store or carry a spare battery pack in a pocket or toolbox or any other place where it may come into contact with metal objects. The battery pack may be short-circuited causing damage to the battery pack, burns or a fire.
13. Do not pierce the battery with nails, strike the battery with a hammer,

step on the battery or otherwise subject it to strong impacts or shocks.

14. Protect the battery pack against heat.

Do not place the battery in direct sunlight or use or store the battery inside cars in hot weather. Doing so may cause the battery to generate heat, explode or ignite.

15. Never try to charge a battery pack that is cracked or damaged in any other way. There is a danger of electric shock or electrocution.

16. Under extreme conditions, battery leakage may occur. When you notice liquid oozing out of the battery, proceed as follows:

- Carefully wipe the liquid off using a cloth. Avoid skin contact.
- In case of skin or eye contact, follow the instructions below:
 - The battery fluid, a 25-30% solution of potassium hydroxide, can be harmful. In case of skin contact, immediately rinse with water. Neutralize with a mild acid such as lemon juice or vinegar. In case of eye contact, rinse abundantly with clean water for at least 10 minutes. Consult a physician.

NOTE: The batteries in your battery pack are the Lithium-Ion type. Do not dispose of battery packs/batteries into household waste, fire or water. Battery packs/batteries should be collected, recycled or disposed of in an environmental-friendly manner.

Safety Instructions For Battery Charger

1. Children shall not play with the charger. Cleaning and user maintenance shall not be made by

children without supervision.

2. Disconnect the charger from the power supply and allow it to cool down before cleaning, maintenance, storage and transportation.
3. Never attempt to charge non-rechargeable batteries.
4. Protect the charger against moisture and wet conditions. There is a danger of electric shock.
5. Do not place any object on top of the charger as it could cause overheating. Do not place the charger near any heat source.
6. Do not use an extension cord unless it is absolutely necessary. The use of an improper extension cord could cause the risk of fire, electric shock or electrocution.
7. Do not use the charger if it has been subjected to a heavy knock, dropped or otherwise damaged in any way. Have the charger checked and repaired by an authorised service center.
8. The cord of charger is not changeable, do not continue to use if the cord is damaged. Charger's plug must match the outlet. Never modify the plug in any way. Unmodified plugs and matching outlets will reduce risk of electric shock.
9. Use your charger only to charge batteries of the type supplied with your tool. Other batteries could burst, causing personal injury and damage.
10. Only 2 battery packs is allowed to be charged continuously in order to prevent overheating of charger, necessary rest time is required to let the charger cool down before further charging.
11. When charging is finished, unplug the

charger from power source socket outlet and take away the battery pack from the charger, do not leave the battery pack in the charger.

12. Never carry the charger by its cord or pull it to disconnect from the socket. Keep the cord away from heat, oil and sharp edges.
13. Do not expose to water or rain, do not use in wet condition.
14. Do not open the charger.
15. Do not probe the charger.
16. Intended for indoor use only. Charge the battery pack indoors only.

Hedge Trimmer Safety

Warnings:

1. Never allow children to use the tool.
2. 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 inattention while operating the hedge trimmer may result in serious personal injury.
3. 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 cutter blades.
4. Hold the power tool by insulated gripping surfaces only, because the cutter blade may contact hidden wiring or its own cord. Cutter blades contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

5. **THIS TOOL CAN CAUSE SERIOUS INJURIES.** Use both

hands when operating the hedge trimmer. Using one hand could cause loss of control and result in serious personal injury.

6. Only use the tool in daylight or good artificial light.
7. Beware of overhead power lines.
8. Avoid operating while people, especially children are nearby.
9. If the tool stalls, immediately switch it off. Remove the battery before attempting to remove any obstructions.
10. Remove the battery before checking, maintenance or working on the tool.
11. While operating the tool be always sure of a safe and secure operating position especially when using steps or a ladder.
12. Do not attempt to repair the tool.
13. Do not operate the tool with a damaged or excessively worn cutting device.
14. Always ensure that all guards are fitted when using the tool. Never attempt to use an incomplete tool or a tool with unauthorized modifications.
15. When transporting or storing the tool always fit the blade sheath.
16. Always be aware of your surroundings and stay alert for possible hazards that you may not hear due to the noise of the tool.
17. Do not carry the tool with your hands on the switch unless the battery has been removed.
18. If you have not used a hedge trimmer before, preferably seek practical instruction by an experienced user in addition to studying this manual.
19. Never touch the blades while the tool is running.

20. Never attempt to force the blades to come to a standstill.
21. Do not put the tool down until the blade have come to a complete standstill.
22. Regularly check the blades for damage and wear. Do not use the machine when the blades are damaged.
23. Take care to avoid hard objects (e.g. metal wire, railings) when trimming. Should you accidentally hit any such object immediately switch the tool off and check for any damage.
24. Always be aware of falling debris when cutting the higher sides of a hedge.
25. Be aware of the cutting blade, always wear gloves to protect your hands from cut.
26. When the machine is working, the hand must not exceed the guard or come into contact with the blade.
27. When the machine is working, do not adjust the angle of the head.

Vibration And Noise Reduction

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment.

The prolonged use of the product, exposes the client to vibrations that in extreme cases and through many hours of use of the product could cause the "white finger syndrome" also known as Raynaud phenomenon, This causes a reduction in the tact of the fingers and their capacity to regulate temperature generating a lack of sensibility. This sickness could in extreme cases cause

problems with the nerve endings. The exposure to the vibrations is the cause of the white finger syndrome, To minimise this effect as much as possible, follow the following recommendations:

1. When working with the device, a certain level of noise cannot be avoided. Noisy work should be scheduled for hours, during which it is allowed by statute or other local regulations. Adhere to any applicable rest times and limit your working time to the necessary minimum time. For your personal protection and the protection of people nearby, suitable hearing protection must be worn. To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment.
2. Take the following points into account to minimize the vibration and noise exposure risks:
 - Only use the product as intended by its design and these instructions.
 - Always use gloves.
 - Always have your hands warm.
 - Ensure that the product is in good condition and well maintained.
 - Ensure that the cutting device is always sharp.
 - Use correct attachments for the product and ensure they are in good condition.
 - Keep tight grip on the handles/grip surface.
 - Maintain this product in accordance with these instructions and keep it well

lubricated (where appropriate).

- Plan your work schedule to spread any high vibration tool use across a longer period of time. Take frequent breaks.
- If you detect any of the symptoms of the white finger syndrome, consult immediately with your doctor.

Emergency

Familiarise yourself with the use of this product by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.

1. Always be alert when using this product, so that you can recognise and handle risks early. Fast intervention can prevent serious injury and damage to property.
2. Switch off and disconnect from the power supply if there are malfunctions. Have the product checked by a qualified professional and repaired, if necessary, before you operate it again.

Residual risks

Even if you are operating this product in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this product:

1. Health defects resulting from vibration emission if the product is being used over long periods of time or not adequately managed and properly maintained.
2. Injuries and damage to property due to broken cutting attachments or the sudden impact of hidden objects during use.
3. Danger of injury and property damage caused by flying objects.

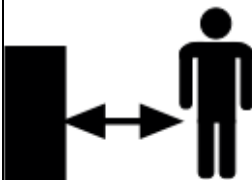
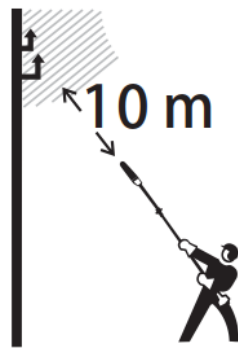


WARNING! This product produces an electromagnetic field during operation! This field may under some circumstances interfere with active or passive medical implants! To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their doctor and the medical implant manufacturer before operating this product!

SYMBOLS

This operator's manual describes safety and international symbols and pictographs that may appear on this product. Read the operator's manual for complete safety, assembly, operating and maintenance and repair information.

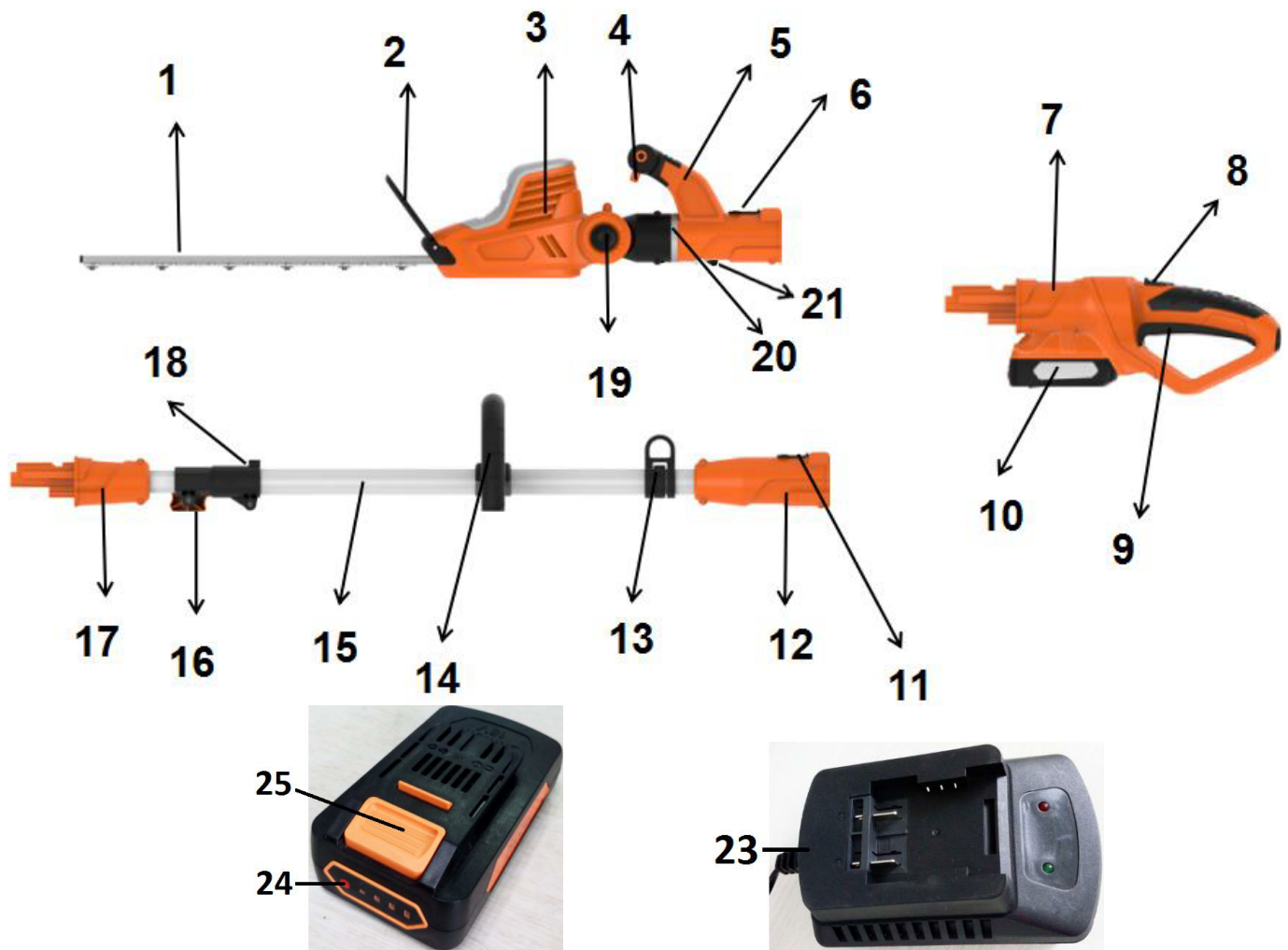
	SAFETY ALERT SYMBOL Indicates danger, warning or caution. May be used in conjunction with other symbols or pictographs.
	READ OPERATOR'S MANUAL WARNING: Read the operators manuals and follow all warnings and safety instructions. Failure to do so can result in serious injury to the operator and/or bystanders
	Wear protective non-skid boots with protective steel.
	Wear protective gloves and use both hands to operate the tool

	Wear ear protection WARNING: Loud noise can cause severe hearing loss. Wear ear protection when operating this unit.		Take batteries to an old battery collection point where they will be recycled in an environmentally friendly manner		
	Wear eye goggles. Thrown objects can cause severe eye injury.Wear eye protection meeting current ANSI / ISEA Z87.1 standards		The charge is for indoor only		
	Wear safety helmet! Wear head protection when operating this unit; falling objects can cause severe head injury. Use a full face shield when needed.		Protective temperature limiter		
	DO NOT USE IN THE RAIN WARNING: Avoid dangerous environments. Never operate or expose the unit in the rain or in damp or wet conditions. Moisture is a shock hazard.			WARNING: Keep all bystanders, especially children and pets, at least 50 feet (15 m) from the operating area. Objects thrown by the product could hit the user or other bystanders.	
	Keep hands away from blades, Don't touch the blades when starting or while operating the unit.			Always beware of the danger from overhead electric-power line, keep a safe distance at least 10M(32.8ft) from the power line.	
	Do not dispose of battery in household water				
	Do not dispose of battery in household fire				
	Do not subject the battery to strong sunlight over long periods and do not leave it on a heater(max.45°C /113°F)				

SPECIFICATIONS

Model#	A11704
Motor Voltage	20V
Blade Length	20inch(508mm)
Max. Cutting Diameter	3/4inch(19mm)
Weight	10.3lbs(4.7kg)
Protection Class	 / II
Battery(Li-Ion)	
Model#	A112601
Max. Voltage *	20V
Capacity	2.0Ah
Charge Time	Approx. 1hr
Charger	
Model#	A112701
Voltage Input	120VAC, 60Hz
Voltage Output	20VDC, 2.3A

Know Your Product



- | | |
|------------------------------------|-------------------------------------|
| 1. Blade | 14. Auxiliary Handle |
| 2. Guard | 15. Telescopic Tube |
| 3. Motor | 16. Rotary Knob |
| 4. Security Button | 17. Front Hexagonal Alu. Pipe Joint |
| 5. Front Handle | 18. Allen Key Set |
| 6. Lock Buckle 1 | 19. Unlock Button Head Turn |
| 7. Rear Handle | 20. Angle Ring |
| 8. Lock Switch | 21. Unlock Button Head Rotation |
| 9. Trigger Switch | 22. Blade Sheath |
| 10. Battery Pack | 23. Battery Charger Station |
| 11. Lock Buckle 2 | 24. Battery Level Display Button |
| 12. Rear Hexagonal Alu. Pipe Joint | 25. Battery Release Button |
| 13. Belt Buckle | |

The diagrams and pictograms herewith enclosed in this manual are a guide but not necessarily an exact copy of the actual product.

INTENDED USE

1. Your hedge trimmer has been designed for trimming hedges, shrubs and brambles. Do not use it for any other purposes. Do not use this product to cut plastic parts, bricks or construction materials. Do not use this product to move objects. Any other use could lead to dangerous situations.
2. Your charger has been designed for charging batteries of the type supplied with this tool. **DO NOT CHARGE OTHER BATTERY TYPES.**
3. This product is intended for private domestic use only, not for any commercial trade use. It must not be used for any purposes other than those described.

ASSEMBLY

Unpack

1. Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.
2. Inspect the product carefully to make sure no breakage or damage occurred during shipping.
3. Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.
4. If any parts are damaged or missing, contact our customer service center.

NOTE: Be careful with small parts that are removed during assembly or when making adjustments. Make sure you do not lose them.



WARNING: If any parts are damaged or missing, do not operate this product until the parts are replaced. Failure to heed this warning 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.



WARNING: Do not connect the battery pack to the product until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

PACKING LIST

- Hedge trimmer	1 pc
- Battery Pack	1 pc
- Battery Charger	1 pc
- Blade Sheath	1 pc
- Guard	1 pc
- Guard Screw	4 pcs
- Hex. Key	1 pc
- User Manual	1 pc
-Extension tube	1pc
- Auxiliary Handle	1pc
-Shoulder strap	1pc

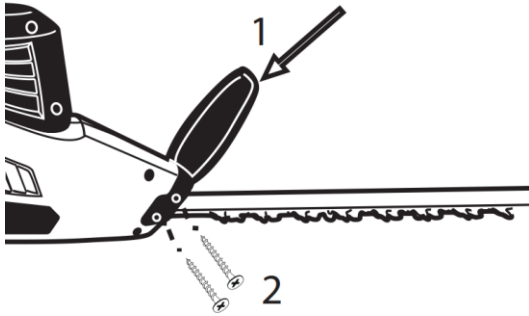


WARNING: Before assembly, remove the battery pack from the product.

Your hedge trimmer is equipped with a battery pack, which powers the unit.

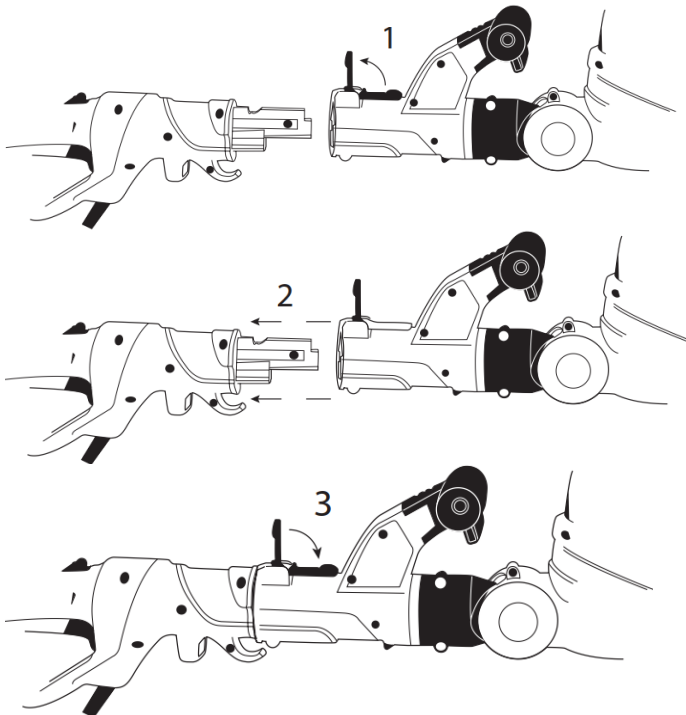
The Guard

Place guard as shown this Figure, Insert the 4pcs screws and tighten



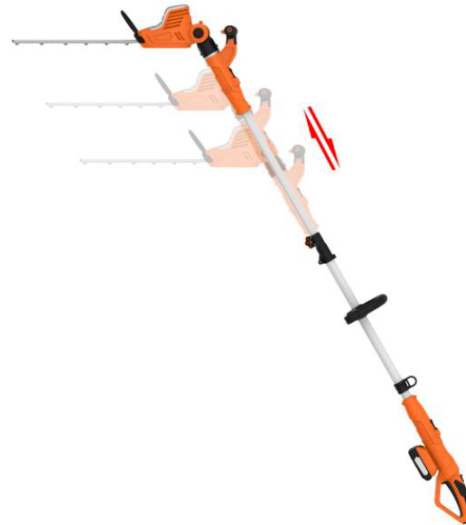
The Normal Hedge Trimmer:

1. Open the lock buckle1 of the front handle.
2. Insert the rear handle into the opening of front handle.
3. Lock the lock buckle1 of the front handle.



The Pole Hedge Trimmer:

1. Unlock the lock buckle1 of the front handle.
2. Insert the front hexagonal aluminum pipe joint into the opening of the front handle.
3. Lock the lock buckle1 of the front handle.
4. Unlock the lock buckle 2 of telescopic tube.
5. Insert the rear handle into the opening of rear hexagonal aluminum pipe joint.
6. Lock the lock buckle2 of the telescopic tube.

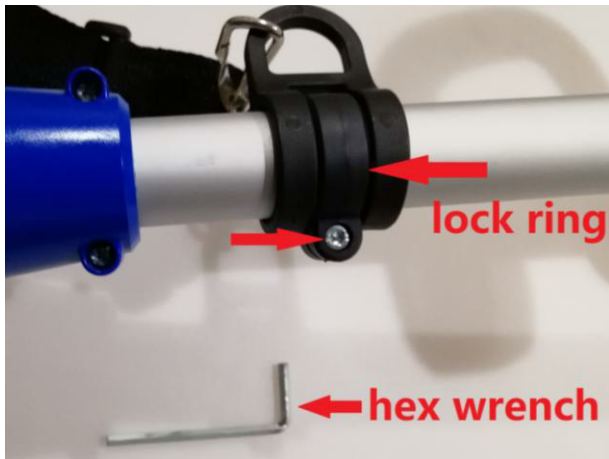


The Shoulder Strap

1. Use your thumb or fingers to squeeze the safety lock piece, put the hook to the hanging part of the tool.

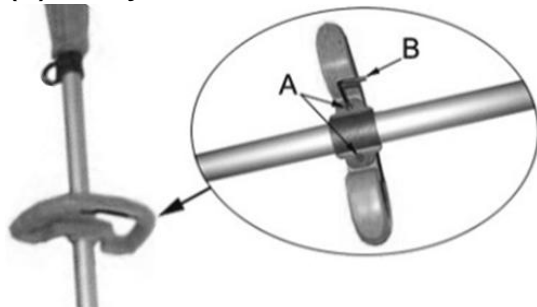


2. Move slide buckle to adjust the length of the shoulder strap. Adjust the length of the shoulder strap to obtain a comfortable working position. A few practice swings without starting motor should be made to determine correct balance.
3. Put the shoulder strap over your right shoulder. Carry the tool engine at the right side of your body.
4. If the shoulder strap is too close to your body, you can loose the hex screw with hex wrench, then push the lock ring further. When the distance is fit for your operation, tighten the hex screw.



The Auxiliary Handle

Place the auxiliary handle to telescopic tube, adjust to desired position and tighten the screw (A) by Allen key set (B) firmly.



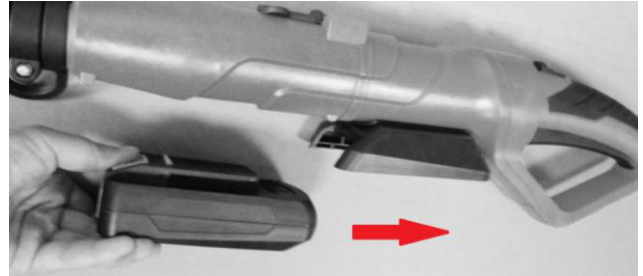
The Battery

Fitting The Battery Pack

1. Press the battery release button(25)

and place battery pack (10) in your hedge trimmer. Align raised rib on battery pack with groove inside hedge trimmer. See image below.

2. Make sure the latches on each side of your battery pack snap in place and battery pack secured in hedge trimmer before beginning operation.



Removing The Battery Pack

1. Locate latches on end of battery pack and depress to release battery pack from the hedge trimmer.
2. Remove battery pack from the hedge trimmer.

STARTING AND STOPPING



WARNING: Always wear safety goggles or safety glasses with side shields that comply with ANSI Z87.1 when operating power tools. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury.

After stopping the product, the blade will not stop immediately. Wait until the blade has stopped fully before carrying out any maintenance work on the product or before transporting the product.

Checking Before Starting

1. Replace parts that are cracked,

chipped, or damaged in any way. Do not operate the unit with loose, damaged parts or improperly adjusted.

2. Before start up, remove the security Blade Sheath from the blade.
3. Make sure the guard is well fixed to the product.

The normal hedge trimmer Starting

1. Remove the blade sheath.
2. Place one hand on the rear handle. Place the other hand on the front handle.
3. Press the security button.
4. Continue to press the security button. Slide the lock switch forward, then squeeze the trigger switch to turn ON the hedge trimmer. The trimmer will stay on as long as the trigger switch is squeezed.
5. Lock switch may be released once hedge trimmer is running.



Stopping

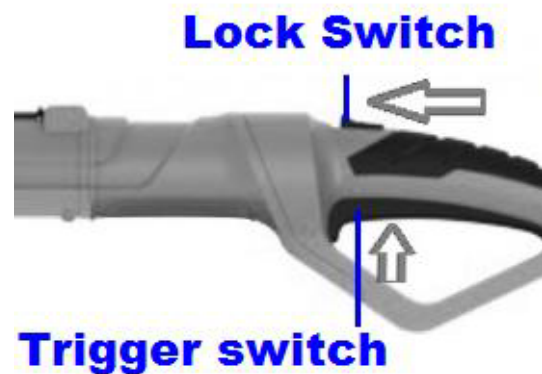
1. Release one of the security button or the trigger switch on rear handle.
2. Wait until cutting blade has stopped fully.

The Pole Hedge Trimmer

NOTE: To help prevent the motor from starting accidentally, the lock switch and trigger switch must both be engaged to start the unit.

Starting

1. Remove the blade sheath.
2. Place one hand on the rear handle. Place the other hand on the auxiliary handle.
3. Slide lock switch forward.
4. Continue to hold the lock switch. Then squeeze the trigger switch to turn ON the hedge trimmer. The trimmer will stay on as long as the trigger switch is squeezed.
5. Lock switch may be released once pole hedge trimmer is running.



Stopping

1. Release the trigger switch.
2. Wait until cutting blade has stopped fully.

NOTE: Upon release of the trigger switch, the lock switch will reset to the locked position.

After use

1. Switch the product off, remove the battery back and let it cool down.
2. Check, clean and store the product as described the "Care and maintenance" below.



WARNING: Always switch the product off, remove the battery pack and let the product cool down before performing inspection, maintenance and cleaning work!

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.

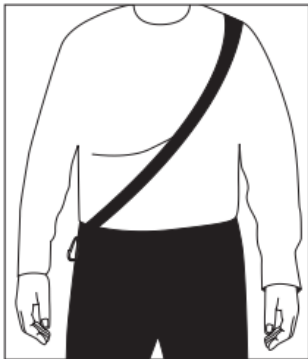
Repair or replace everything you need before using the product.



WARNING: It is strongly recommended that a comprehensive training course on machine use and engine operation be completed before attempting to use this machine. .

Holding Pole Hedge Trimmer

1. Place the shoulder strap as shown in the image.



2. Always grip the unit firmly with both hands when the unit is running.

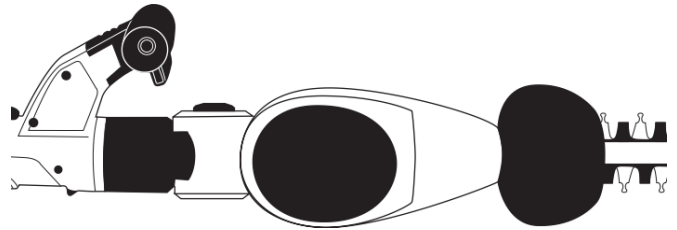
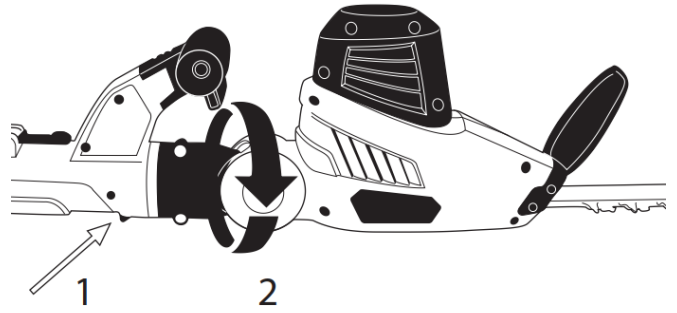
Angle Adjustment

Rotating The Head To Left And Right

1. Slide the unlock button (1) and then turn the swivel handle to the desired position. Release the lock button again and check whether the button is locked in place. See as below.

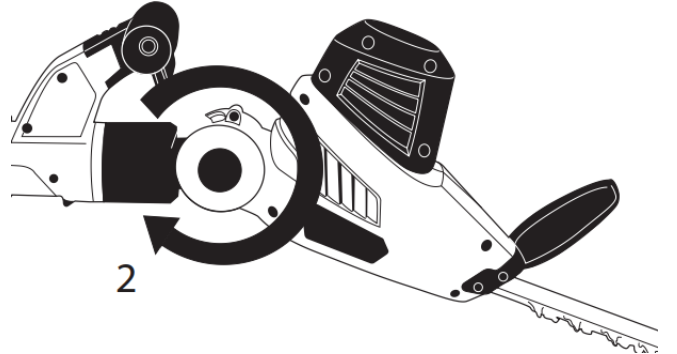
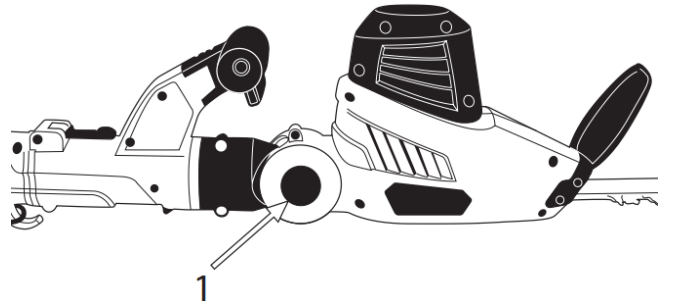
NOTE: The swivel handle can be

locked in five positions (-90°, -45°, 0°, 45° and 90°). See below.



Turning The Head Up And Down

Press the up/down rotary button (1) to adjust the trimmer head angle. See as below. Adjust the attachment angle to fit the growth of the plant.



Adjusting The Pole Extension

1. Loosen the locking knob for length adjustment completely and slide the inner pole to the desired length.
2. To help maintain proper balance, only extend the pole to the minimum length required to reach the hedge being cut. Hold the unit by the pole, at the center of balance.

3. Screw the locking knob to lock the inner pole in place firmly.



Charging The Battery



Do not expose the battery to extreme condition such as heat impact. Risk of injury from escaping electrolytic solution. After eye/skin contact rinse the affected areas with water or a neutraliser and consult a doctor.



Charge the battery in a dry room only. Check that the battery's outer surface is clean and dry, before attaching the charger. There is a risk of injury due to electric shock.



Only use the charger (Model# A112701 by AAVIX) to charge the battery. Do not charge the battery more than 5 hours at a time. Otherwise, the battery and the appliance may be damaged and longer charging times would be a waste of energy. Excessive charging will void the warranty.

Do not briefly charge the battery several times in row.

1. The battery needs to be charged before first use and whenever it fails to produce sufficient power on jobs that were easily done before. After several charge and discharge cycles,

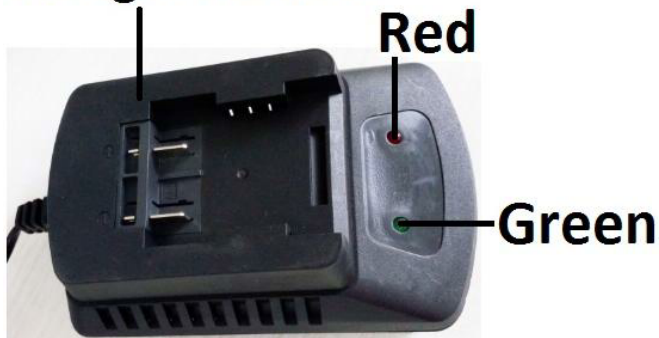
the battery will attain full capacity. The battery may become warm while charging; this is normal and does not indicate a problem.

2. Remove it from the tool and insert it into the battery charger. The battery pack will only fit into the charge in one way. Do not force. Be sure that battery is fully seated in the charger.
3. Your battery can be charged in the approx. 1hr charger supplied. Be sure to read all the instructions and cautionary markings on the charger and battery pack, before using your charger. This product is not user serviceable. There are no user serviceable parts inside the charger. Servicing at an authorised service centre is required to avoid damage to static sensitive internal components.
4. Read all of the instructions in the battery charger section of this manual before attempting to charge the battery pack for your tool. Always use correct battery pack (pack supplied with tool or replacement pack exactly like it). Never install any other battery pack, it will ruin your tool and may create a hazard.

Charging Procedure

1. These chargers require no adjustment and are designed to be as easy as possible to operate. Simply place your battery pack into the receptacle of a plugged in charger and it will automatically charge the pack.
2. Plug the charger into an appropriate AC power outlet. The LED lights green to tell you that the charger is ready for use.

Charger Station



3. Insert the battery pack into the charger station, making sure the pack is fully seated in the charger station. The LED lights is red to tell you that the battery pack is on charge.

NOTE: Battery cannot be charged immediately after using the tool. The battery pack should be sufficiently cooled for a period of time. The LED lights changing from green to red means it can now be charged.

4. The battery pack will be fully-charged in about 1 hours. When charge is over, the green light on the battery charger is bright

Important Battery

Charging Reminders

Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 18 - 24°C (65 - 75°F). Does not charge the battery pack in very low or very high air temperature. This is important and will prevent serious damage to the battery pack.

1. When using your tool continuously, the batteries in your battery pack will become hot. You should let a hot battery pack cool down for approximately 30 minutes before attempting to recharge.
2. The charger and battery pack may become warm to touch while charging.

This is a normal condition, and does not indicate a problem.

3. Use the charger in normal room temperatures whenever possible. To prevent overheating, do not cover the charger and do not charge battery packs in direct sunlight or near heat sources.
4. If the battery pack does not charge properly:
 - a. Check current at receptacle by plugging in a lamp or other appliance.
 - b. Move charger and battery pack to a location where the surrounding air temperature is approx. 18 - 24°C (65 - 75°F).
 - c. If charging problems persist, take or send the tool, battery pack and charger to an authorised local service centre.
5. The battery pack should be recharged when it fails to produce sufficient power on jobs which were easily done previously. **DO NOT CONTINUE** to use under these conditions. Follow the charging procedure. You may also charge a partially used pack whenever you desire with no adverse effect on the battery pack.
6. Under certain conditions, with the charger plugged in to the power supply, the exposed charging contacts inside the charger can be shorted by foreign material. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminium foil, or any build-up of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug

- charger before attempting to clean.
7. Do not immerse charger in water or any other liquid.



WARNING! Don't allow any liquid to get inside charger. Electric shock may result. To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed, or an uninsulated trailer.



CAUTION! Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, return to an authorised service centre for recycling; do not put it into further use.

While Operating

1. Always turn the unit off when operation is delayed, when setting the unit down or when moving from one working area to the next. Make sure all moving parts come to a complete stop.
2. Switch the product off immediately if you are disturbed while working with it and when other people enter the working area. Always let the product come to complete stop before putting it down.
3. Do not overwork yourself. Take regular breaks to ensure concentrated work and full control over the product. Lack of rest and fatigue can cause accidents and damage.
4. Do not try to grasp or remove trimmings when the product is running. Only remove trimmings

- when the product is switched off and disconnected from the power supply.
5. Never hold the product by the guard.
 6. Never use the product standing on steps or a ladder. Do not work over shoulder height.
 7. Do not overload the product.
 8. If the tool start to vibrate abnormally, immediately switch it off and check for any damage. Excessive vibration can cause injury.
 9. Use the product only in daylight or good artificial light.
 10. Check the hedge for foreign objects before operation, e.g. wire fences.
 11. Take care that the cutting device does not come into contact with wire or other metal objects.
 12. Hold the hedge trimmer properly, e.g. with both hands if two handles are provided. Loss of control can cause personal injury.

Trimming Tips

1. Checking the battery charge level.
The battery pack charge level is indicated by the charge state LED. Press the battery level display button for state of charge display on the battery pack.



Battery Level Display Button

2. This tool must not be used as a lever to lift, move or split objects.

3. Keep handles dry, clean, and free from oil and grease. Greasy, oily handles are slippery causing loss of control.
4. Do not force the hedge trimmer through heavy shrubbery. This can cause the blades to bind and slow down. If the blades slow down, reduce the pace.
5. Do not attempt to cut stems or twigs that are thicker than $\frac{3}{4}$ " (19 mm), or those obviously too large to feed into the cutting blade. Use a non-powered hand saw or pruning saw to trim large stems.
6. If desired, you can use a string to help cut your hedge level, decide how high you want the hedge. Stretch a piece of string along the hedge at the desired height. Trim the hedge just above the guide line of string. Trim the side of a hedge so that it will be slightly narrower at the top. More of the hedge will be exposed when shaped this way, and it will be more uniform.
7. Wear gloves when trimming thorny or prickly growth. When trimming new growth, use a wide sweeping action, so that the stems are fed directly into the cutting blade. Older growth will have thicker stems and will be trimmed easiest by using a sawing movement. The unit is used for cutting in either direction in a slow, sweeping action from side to side.
8. We recommend that you test yourself firstly with small branches in an easy position so as to get some experience before starting with more complex cuts.
9. Stand so that you are stable and balanced on both feet. Do not overreach. Be especially careful when using the product after it has rained as the ground will be slippery and you could slip.
10. Never use the hedge trimmer near power lines, fencing, posts, buildings, or other immovable objects.
11. Never use a blade after hitting a hard object without first inspecting it for damage. Do not use if any damage is detected.
12. If the cutting mechanism strikes any foreign object or the product starts making any unusual noise or vibration, shut off the power source and allow the product to stop. Take the following steps:
 - Inspect for damage.
 - Check for, and tighten, any loose parts.
 - Have any damaged parts replaced or repaired with parts having equivalent specifications.



WARNING: Always keep both hands on the hedge trimmer handles gripping surface. Never hold shrubs with one hand and operate hedge trimmer with the other. Failure to heed this warning can result in serious injury.



WARNING: Clear the area to be cut before each use. Remove all objects such as cords, lights, wire, or loose string which can become entangled in the cutting blade and create a risk of serious personal injury.



WARNING: Read the safety information for safe operation using the blade. Extreme care must be taken when using blades to ensure safe operation. Refer to General Safety Rules and Specific Safety Rules.

13. Always start the hedge cutter before placing the blade in the cutting area. Once the hedge cutter has started, place the product in the hedge in a flat position and carry out long fan like movements. If you tilt the product in the cutting direction you will obtain better cutting results.

14. Stop the engine before:

- Leaving the product unattended.
- Cleaning or when clearing a blockage,
- Checking, carrying out maintenance or working on the product,
- Adjusting the working position of the cutting device.

15. NOTE: if blades do become jammed. Switch the product off immediately, allow the blades to stop, remove the battery pack, before attempting to remove the obstruction. Inspect the cutting device for damage before using the product again.

- Make sure the product has stopped completely.
- Check that the temperature of the blade is not extremely high. Always allow the unit to cool down.
- Always use security gloves when unblocking the blade. Use appropriate tools to remove debris, e.g. a brush or wooden stick! Never use your bare hands!
- With the help of suitable tooling, remove the blocking element from

the blade.

16. Prepare the product to required length attaching the pole extensions and/or the hedge trimmer shaft.

17. Cut both sides from the bottom cutting upwards to the top. This will prevent any of the cuttings falling into the path of the area still to be cut.



18. After cutting the sides proceed to the top.

19. When cutting wide hedges with the cutting area in sight move the cutting blade lightly through the cutting surface in a sweeping motion following the shape of the hedge or shrub. A slight tilt downwards of the cutting blade in the direction of motion is recommended for optimum cutting performance.



20. Move the product with slow motion

forward when cutting higher hedge and the cutting area out of sight.

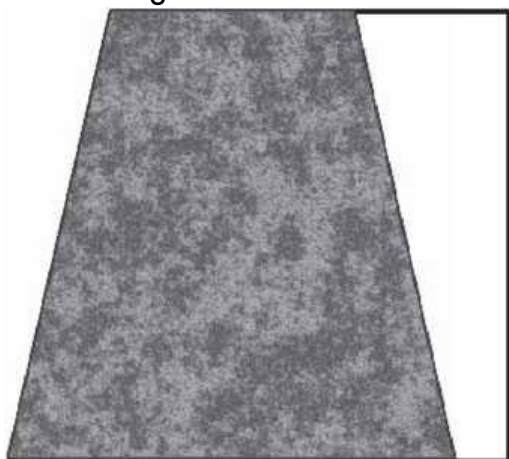


21. Do not to rush and do not attempt to cut too much with one stroke of the cutting blade.

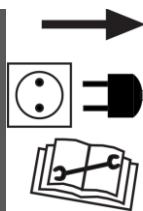
NOTE: Try to keep the cutting blade angled at approximately 15° to the cutting surface.

22. Cut in a number of stages if the area being cut is particularly long to achieve a better result; smaller cuttings will allow for easy composting.

NOTE: When shaping it is advisable to achieve a trapezoidal shape. A trapezoidal cut corresponds to the natural growth of plants and results in optimal hedge growth, as it will expose more light to the bottom of the hedge.



MAINTENANCE



WARNING: Before inspecting, cleaning, or servicing the machine, remove the battery pack from the tool and wait for all moving parts to stop. Failure to follow these instructions can result in serious personal injury or property damage. NEVER perform maintenance or repairs while the unit is running.



WARNING: When servicing, Use only the manufacturer's recommended replacement parts and accessories. Use of any other parts may create a hazard or cause product damage. Do not modify the product or the cutting elements, An inadequate use of these elements can cause SEVERE PERSONAL DAMAGES OR DEATH.



WARNING: Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken, or destroy plastic which may result in serious personal injury. All service, other than the maintenance procedures described in this manual, should be performed by an authorized service center.

Checking Before Each Use

1. Inspect the product before each use for worn and damaged parts. Do not operate it with broken and worn parts.

2. Check for loose screws, nuts or bolts are tightly secured, (tighten as needed).
3. Check the blade sharpness.

Cleaning After Each Use



WARNING: Do not use chemical, alkaline, pine and lemon, abrasive or other aggressive detergents or disinfectants to clean this product. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.



NOTE : Always clean the product after using it. Lack of proper cleaning can cause damage to the product and produce a malfunction. Regular and proper cleaning will help ensure safe use and prolong the life of the product. The 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. The charger does not require any maintenance apart from regular cleaning.

1. Unplug the charger before cleaning it.
2. Keep the product clean. Remove debris from it after each use and before storage. Carefully clean the blades.
3. Regular and proper cleaning will help ensure safe use and prolong the life of the product.
4. Clean dirt and debris from the body

of the hedge trimmer, using a slightly damp cloth with a mild detergent. Use a brush to clean the blade. Never use petrol, detergents, water or any other liquid to clean the blades.

5. After cleaning, apply a film of light machine oil to prevent the blades from rusting.
6. In particular clean the air vents and charger using a soft brush or dry cloth. Do not use any abrasive or solvent-based cleaner.
7. Carry out all maintenance work on a clear and flat surface. And allow the unit to cool down.
8. Remove stubborn dirt with high pressure air (max. 3 bar).



WARNING: It is not recommended to use compressed dry air as a cleaning method for the battery pack. If cleaning with compressed air is the only method to apply, always wear safety goggles or safety glasses with side shields when using compressed air to clean the tool. If the operation is dusty, also wear a dust mask.

9. Wipe off any moisture with a soft cloth.
10. Lightly coat the blade and all screws with a corrosion-inhibiting oil.

Ventilation Motor Conducts

Eliminate any dirt in the ventilation conducts so as not to damage the engine and avoid the machine overheating and even burning.

Checking After Each Use

1. Check for any loose, worn or damaged parts.

2. Repair or replace damaged parts and tighten loose screws, nuts or bolts as necessary or contact an authorised service centre for repair before using the product again..

Blade Maintenance



When checking the blade, wait for a few moments after switching

the product off, the blade will carry on moving.

1. Keep the hedging blade clean and free of debris. Remove trimmings.
2. Keep the hedging blade sharp to retain a good cutting performance. Replace a worn or damaged cutting blade with a new one of the same type.
3. Lubricate the hedging blades regularly with oil after each use to prolong the life span of cutting blade and product. Apply light machine oil along the edge of the cutting blade.
4. The blades of this product are high quality metal and do not need to be filed. If accidentally, the blade catches on a metallic surface, touches a rock or any other hard object, a small breakage could occur. If this small breakage does not impede the blades functioning correctly, then you can carry on using the product. If, on the other hand, the product does not work properly, then take the product to customer service center.
5. Blade sharpening must be carried out by the service dealer. Do not sharpen the blade yourself. The blade must be sharpened

guaranteeing the cutting angle and blade equilibrium. Blade sharpening carried out by a non expert will result in the product vibrating and will eventually cause damages to the product and usage problems to the end user.

STORAGE

1. Switch the product off and remove the battery pack.
2. Follow all aforementioned maintenance instructions. Clean the product as described above.
3. Attach the blade sheath.
4. When not in use, store the product out of the reach of children.
5. Always unplug the charger from the power source before storing.
6. Store the product and its accessories in a clean, dry, frost-free, well-ventilated place. Keep the product on a flat surface. Keep away from corrosive agents such as garden chemicals and de-icing salts. The ideal storage temperature is between 10°C(50°F) and 30°C(86°F).
7. We recommend using the original package for storage or covering the product with a proper cloth or enclosure to protect it against dust.
8. Lock up the unit to prevent unauthorized use or damage.

Disposal of an exhausted battery pack

To preserve natural resources, please recycle or dispose of the battery pack properly. Consult your local waste authority for information regarding

available recycling and/ or disposal options. Discharge your battery pack by operating your tool, then remove the battery pack from the tool and cover the battery pack connections with heavy duty adhesive tape to prevent short circuit and energy discharge. Do not attempt to open or remove any of the components.

TRANSPORT

1. Disconnect the product before transporting it anywhere. Always transport the product with the engine stopped. Always carry the product by the front handle when the product is not running and always at a safe distance from your body.
2. When transporting or storing the product . Attach the blade with a Blade Sheath. A proper use of the product will result in a reduced probability of accidental damages with the cutting elements.
3. Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
4. Secure the product to prevent it from slipping or falling over.
5. The product comes in a package that protects it against damages during shipping. Keep the package until you are sure that all parts have been delivered and the product is function properly. Recycle the package afterwards.

TROUBLESHOOTING



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

WARNING: Only perform the steps described within these instructions! All further inspection, maintenance and repair work must be performed by an authorised service centre or a similarly qualified specialist if you cannot solve the problem yourself!

PROBLEM	SOLUTION
The motor will not start	
The lock switch was not pressed	Press and hold the lock switch before squeezing the trigger switch
Cable damaged	Contact our customer service center. Do not repair cable with insulating tape
The unit is damaged	Contact our customer service center.
The blades move slowly, making noise and the blades heat up	
The blades are dry	Oil the blades
The blades are bent	Contact our customer service center
Cutting tooth damaged	Contact our customer service center
The blades too tight or loose	Loose or tighten the nuts
Motor stops	
Cutting device is blocked	Remove blockage
Excessive vibration/noise or exhaust	
Cutting device is dull/damaged	Replace with a new one
Bolts/nuts are loosen	Tighten bolts/nuts
Unsatisfactory cutting performance	
Cutting blade is dull/damaged	Have a specialist to sharpen or replace it
Cutting material exceeds capacity	Only cut materials acc. to the capacity of the product.

*If further assistance is required, contact our customer service center.