

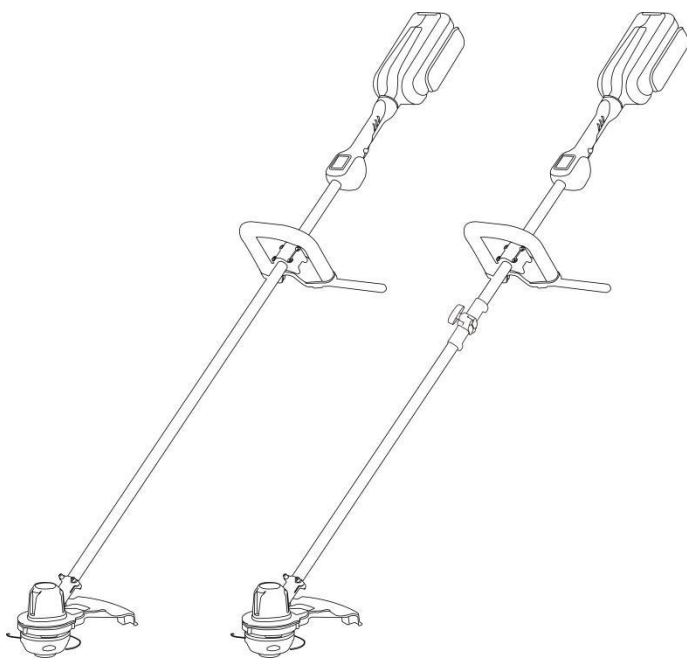


40-Volt Cordless String Trimmer

H40DC350, H40DCZ350

OPERATOR'S MANUAL

Original instructions



WARNING: Read all safety rules and instructions carefully before operating this tool. Improper use can cause serious or fatal injury.



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IMPORTANT READ CAREFULLY BEFORE USE KEEP FOR FUTURE REFERENCE



read operator's manual

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

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

Your risk from these exposures 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 those dust masks that are specially designed to filter out microscopic particles.

SAFETY SYMBOLS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

⚠ WARNING: Be sure to read and understand all safety instructions in this Operator's Manual, including all safety alert symbols such as "DANGER," "WARNING," and "CAUTION" before using this tool. Failure to following all instructions listed below may result in electric shock, fire, and/or serious personal injury.

SYMBOL MEANING





⚠ SAFETY ALERT SYMBOL: Indicates DANGER, WARNING, OR CAUTION. May be used in conjunction with other symbols or pictographs.







⚠ WARNING! The operation of any power tools can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shield and a full face shield when needed. We recommend a Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with ANSI Z87.1.

SAFETY INSTRUCTIONS

This page depicts and describes safety symbols that may appear on this product. Read, understand, and follow all instructions on the machine before attempting to assemble and operate it.

	<p>Safety Alert</p>	<p>Indicates a potential personal injury hazard.</p>
	<p>Read the Operator's Manual</p>	<p>To reduce the risk of injury, user must read operator's manual.</p>
	<p>Eye Protection</p>	<p>Always wear safety goggles or safety glasses with side shields and a full face shield when operating this product.</p>
	<p>Keep bystanders away</p>	<p>Never operate the machine while people, especially children, or pets are nearby</p>

	<p>It is forbidden to use blade.</p>	<p>It is forbidden to use blade.</p>
	<p>Do not expose to rain</p>	<p>Do not expose to rain</p>
	<p>Recycle Symbols</p>	<p>This product uses lithium-ion (Li-ion) batteries. Local, state, or federal laws may prohibit disposal of batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.</p>
	<p>Charging/Store the battery pack</p>	<p>Charging and Store the battery pack only in dry rooms with an ambient temperature of 50°F to 104°F (+10°C to +40°C).</p>
<p>V</p>	<p>Volt</p>	<p>Voltage</p>
<p>mm</p>	<p>Millimeter</p>	<p>Length or size</p>
<p>cm</p>	<p>Centimeter</p>	<p>Length or size</p>
<p>in.</p>	<p>Inch</p>	<p>Length or size</p>
<p>kg</p>	<p>Kilogram</p>	<p>Weight</p>
<p>lb</p>	<p>Pound</p>	<p>Weight</p>
<p>DC</p>	<p>Direct Current</p>	<p>Type or a characteristic of current</p>
<p>RPM</p>	<p>Revolutions per minute</p>	<p>Rotational speed</p>

IMPORTANT SAFETY INSTRUCTIONS

- 1) Avoid Dangerous Environment – Don't use appliances in damp or wet locations.
- 2) Don't Use In Rain.
- 3) Keep Children Away – All visitors should be kept at a distance from work area.

- 4) Dress Properly – Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of rubber gloves and substantial footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
- 5) Use Safety Glasses – Always use face or dust mask if operation is dusty.
- 6) Use Right Appliance – Do not use appliance for any job except that for which it is intended.
- 7) Don't Force Appliance – It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- 8) Don't Overreach – Keep proper footing and balance at all times.
- 9) Stay Alert – Watch what you are doing. Use common sense. Do not operate appliance when you are tired.
- 10) Store Idle Appliances Indoors – When not in use, appliances should be stored indoors in dry, and high or locked-up place – out of reach of children.
- 11) Check Damaged Parts – Before further use of the appliance, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this manual.

Charging battery pack only in dry conditions and an ambient temperature of 50°F to 104°F (10°C to 40°C). Protect them from humidity and direct sunlight!

Store the charger, battery pack and machine only in dry places with an ambient temperature of 50°F to 104°F (10°C to 40°C).

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

⚠️ WARNING – Risk of Eye Injury. Use Safety Glasses or Similar Eye Protection.

⚠️ WARNING –To reduce the risk of injury to persons, do not operate without guards in place.

⚠️ WARNING –To Reduce the Risk of injury to Persons, Remove Battery Pack When Not in Use.

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

- **Prevent unintentional starting.** Ensure the power switch is in the off-position before connecting to battery pack, picking up or carrying the appliances. Carrying the appliances with your finger on the power switch, or energizing appliances that have the switch on, invites accidents.
- **Make sure the power switch is off and the battery pack is removed before clearing jammed material, making adjustments, changing accessories, storing or servicing the appliance. Unexpected actuation of the appliance while clearing jammed material or servicing may result in serious personal injury.**

- **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.
- **Use appliance only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **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 fire.
- **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.
- **Do not use a battery pack or appliance that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or appliance to fire or excessive temperature.** Exposure to fire or temperature of 130°C can be replaced by the temperature of 265°F.
- **Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions.** Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- **Have servicing performed by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the product is maintained.

Do not modify or attempt to repair the appliance or the battery packs(as applicable) except as indicated in the instructions use and care.

⚠ WARNING! When using electric trimmers, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

READ ALL INSTRUCTIONS

⚠ DANGER! Do not rely on the tool's insulation against electric shock. To reduce the risk of electrocution, never operate the tool in the vicinity of any wires or cables which may carry electric current.

⚠ CAUTION! Wear appropriate personal hearing protection during use. Under some conditions and duration of use, noise from this product may contribute to hearing loss.

- **Keep Children Away** –All visitors should be kept at a distance from work area.
- **Avoid Dangerous Environment** – Don't use appliances in damp or wet locations.

- **Dress Properly** - Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of rubber gloves and substantial footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
- **Use Safety Glasses** - Always use face or dust mask if operation is dusty.
- **Use Right Appliance** - Do not use appliance for any job except that for which it is intended.
- **Don't Force Appliance** - It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- **Don't Overreach** - Keep proper footing and balance at all times.
- **Stay Alert** - Watch what you are doing. Use common sense. Do not operate appliance when you are tired.
- **Do not operate the trimmer while under the influence of alcohol or drugs.**
- **Keep guards in place and in working order.**
- **Keep hands and feet away from the cutting area.**
- **Store Idle Appliances Indoors** - When not in use, appliances should be stored indoors in dry, and high or locked-up place - out of reach of children.
- **Check Damaged Parts** – Before further use of the appliance, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this manual.
- **Maintain Trimmer With Care** - Keep the cutting attachment clean for best performance and to reduce the risk of injury. Follow the instructions for changing accessories. Keep the handles dry, clean, and free from oil and grease.
- **Check Damaged Parts** - Before further use of the trimmer, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this manual.
- **Clear the area to be cut before each use.** Remove all objects such as rocks, broken glass, nails, wire, or string that can be thrown or become entangled in the cutting

attachment. Make sure that other persons and pets are at least 100 ft. (30.5m) away.

▪ **Always hold the trimmer firmly, with both hands on the handles, while operating. Wrap your fingers and thumbs around the handles.**

▪ **Avoid Accidentally Starting** - Don't carry the trimmer with your finger on the trigger.

▪ **Do not operate the trimmer in gaseous or explosive atmospheres.** Motors in these appliances normally spark, and the sparks might ignite fumes.

▪ **Damage to Trimmer** - If you strike a foreign object with the trimmer or it becomes entangled, stop the tool immediately, check for damage and have any damage repaired before further operation is attempted. Do not operate with a broken guard or spool.

▪ **If the equipment should start to vibrate abnormally, stop the motor and check immediately for the cause.** Vibration is generally a warning of trouble. A loose head may vibrate, crack, break or come off the trimmer, which may result in serious or fatal injury. Make sure that the cutting attachment is properly fixed in position. If the head loosens after fixing it in position, replace it immediately. Never use a trimmer with a loose cutting attachment.

▪ **Replace a cracked, damaged or worn-out cutting head immediately, even if damage is limited to superficial cracks.** Such attachments may shatter at high speed and cause serious or fatal injury.

▪ **Check the cutting attachment at regular short intervals during operation, or immediately if there is a noticeable change in cutting behavior.**

▪ **When replacing the cutting line, use no more than 0.090in.(2.3mm) nylon line;**

using heavier lines than recommended by the manufacturer increases the load on the motor and reduces its operating speed. This results in overheating and damage to the trimmer.

▪ **To reduce the risk of serious injury, never use wire or metal-reinforced line or other material in place of the nylon cutting lines.** Pieces of wire could break off and be thrown at high speed toward the operator or bystanders.

▪ **To reduce the risk of injury from loss of control, never work on a ladder or on any other insecure support. Never hold the cutting attachment above waist height.**

▪ **If situations occur that are not covered in this manual, use care and good judgment. Contact the HENX Customer Service Center for assistance.**

▪ **Do not charge the battery pack in rain, or in wet locations.**

▪ Use only with the battery packs and chargers listed below:

BATTERY PACK	CHARGER
H40B25、H40B50 H40B75、H40B200	H40KC400 H40MC100(XVE129-4200300)

▪ **Do not dispose of the battery in a fire.** The cells may explode. Check with local codes for possible special disposal instructions.

▪ **Do not open or mutilate the battery.** Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

▪ **Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys.** The battery or conductor may overheat and cause burns.

▪ **Replacement Parts** - When servicing, use only identical HENX replacement parts. Use of any other accessory or attachment may increase the risk of injury.

▪ **Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition.** Be aware of possible hazards even when the tool is not operating. Take care when performing maintenance or service.

▪ **Remove or disconnect battery pack before servicing, cleaning or removing material from the trimmer.**

▪ **Do not wash with a hose; avoid getting water in motor and electrical connections.**

▪ **Save these instructions.** Refer to them frequently and use them to instruct others who may use this tool. If you lend this tool to someone else, also lend these instructions to them to prevent misuse of the product and possible injury.

Intended use

Cordless string trimmer is a hand-held tool used to cut grass on lawn, garden and pasture.

INTRODUCTION

Congratulations on your selection of the HENX 40-Volt Max Lithium-Ion Cordless String Trimmer. It has been designed, engineered and manufactured to give you the best possible dependability and performance.

Should you experience any problem you cannot easily remedy, please contact HENX customer service center 86-574-62037812.

This manual contains important information on the safe assembly, operation and maintenance of your string trimmer. Read it carefully before using the string trimmer. Keep this manual handy so you can refer to it at any time.

SERIAL NUMBER _____ DATE OF PURCHASE _____
YOU SHOULD RECORD BOTH SERIAL NUMBER AND DATE OF PURCHASE AND KEEP THEM IN A SAFE PLACE FOR FUTURE REFERENCE

SPECIFICATIONS

Voltage	40V DC
No-load speed	High Speed:6000/min Low Speed:5000/min
Cutting Mechanism	Bump Head
Cutting Line Type	0.090" (2.3mm) nylon twist line
Cutting Width	14 in. (350mm)
Weight (Without battery pack)	7.2 lb. (3.3Kg)

Battery pack	Lithium-Ion			
Models	H40B75	H40B50	H40B25	H40B200
voltage	40 VDC	40 VDC	40 VDC	40VDC
Capacity	7.5Ah	5.0Ah	2.5Ah	20Ah
Charger (model)	H40KC400			
Input	120VAC 60Hz, 400W			
Output	40VDC, 8A			
Allowable charge temperature range	0 - 40 °C			
Charger (model)	H40MC100(XVE129-4200300)			
Input	100-120VAC, 50/60Hz, 2.5A Max;			
Output	42.0VDC, 3A			
Allowable charge temperature range	0 - 40 °C			

Recommended Cutting Line

PART NAME	DESCRIPTION
Cutting Line	0.080"/2.0mm twist line
Cutting Line	0.090"/2.3mm twist line (Recommend)

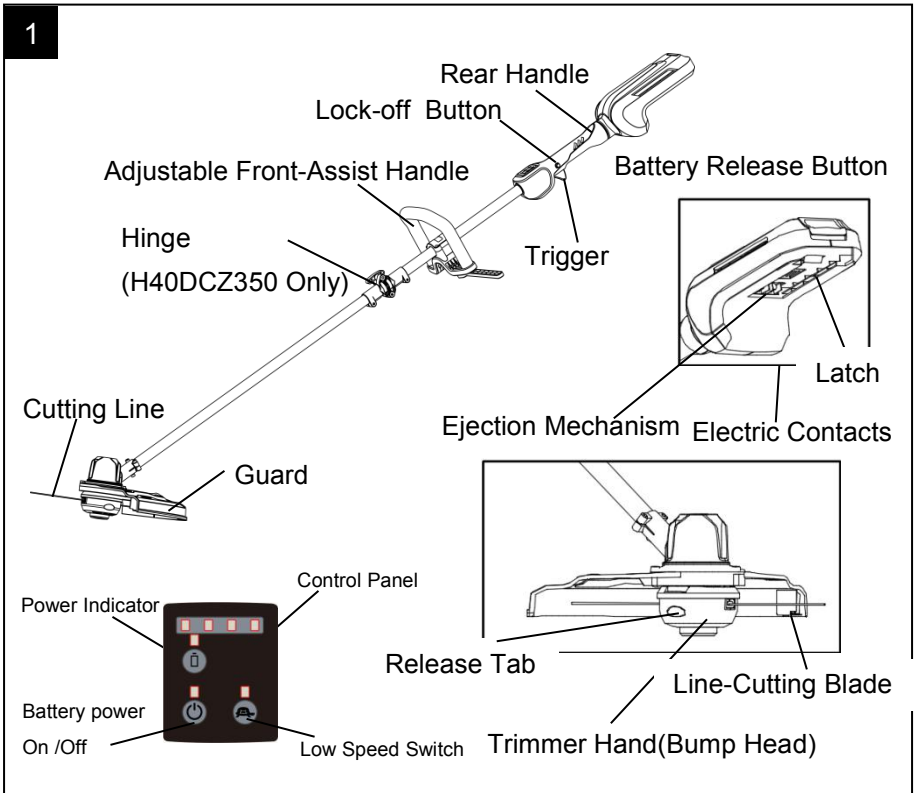
PACKING LIST

PART NAME	QUANTITY
Lifting handle string trimmer	1
Guard	1
Auxiliary handle	1
Cross screwdriver	1
Operator's manual	1
Inner hexagon spanner(S=3)	1
Screw(ST4X14)	3

DESCRIPTION

KNOW YOUR STRING TRIMMER (Fig. 1)

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



⚠ WARNING: Never operate the tool without the guard securely in place. The guard must always be on the tool to protect the user.

ADJUSTABLE FRONT-ASSIST HANDLE

For easy control of the trimmer during cutting.

REAR HANDLE

Ergonomic handle with overmold improves comfort and grip.

TRIGGER

Turns the string trimmer On and Off and adjusts the trimmer head speed.

anti lock button

Helps prevent accidental or unauthorized activation of the trigger. It must be depressed before the trigger can be activated.

TRIMMER HEAD (BUMP HEAD)

Stores the cutting line and releases the cutting line when the head is lightly tapped on the ground during operation.

GUARD

Reduces the risk of injury from foreign objects flung backwards toward the operator and from contact with the cutting attachment.

LINE-CUTTING BLADE

Steel blade on the guard that maintains the cutting line at the proper length.

BATTERY-RELEASE BUTTON

Releases the battery pack from the tool.

LATCH

Secures the battery pack to the tool.

EJECTION MECHANISM

Aids in battery removal.

HINGE (H40DCZ350 Only)

Connects and locks the two foldable shafts.

ASSEMBLY

⚠ WARNING: If any parts are damaged or missing, do not operate this product until the parts are replaced. Use of this product with damaged or missing parts could result in serious personal injury.

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

⚠ WARNING: Always remove the battery pack from the product when you are assembling parts, making adjustments, cleaning, or when the product is not in use.

UNPACKING

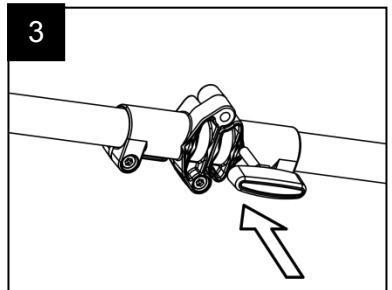
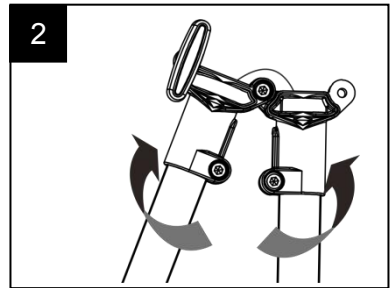
- This product requires assembly.
- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the tool carefully to make sure that no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.
- If any parts are damaged or missing, please return the product to the place of purchase.

UNFOLDING THE SHAFT (ONLY FOR H40DCZ350)

⚠ WARNING: In order to avoid pinching your hands or fingers, do not hold the shaft at the joint.

⚠ WARNING: Do not attempt to start the trimmer until the shaft has been locked.

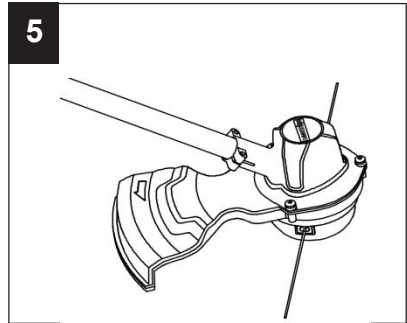
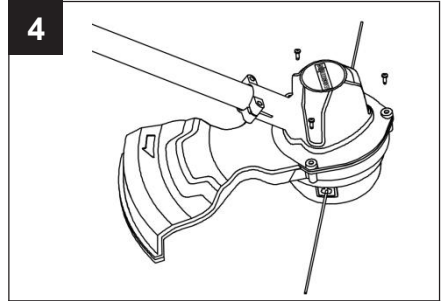
1. Remove the battery pack from the trimmer.
2. Put your trimmer on the ground or the floor and make sure that the cable is inside the shaft, so that it will not be pinched when closing the joints. Carefully unfold the shaft until the two holes in the joint are accurately aligned (Fig. 2).
3. Insert the bolt (supplied) and tighten it with the supplied hex wrench to lock the shaft in place (Fig. 3).



MOUNTING THE GUARD

⚠ WARNING: Always wear gloves when mounting or replacing the guard. Be careful of the blade on the guard and protect your hands from being injured by the blade.

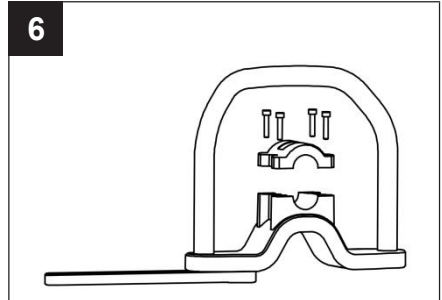
1. Remove the battery pack from trimmer.
the
2. Lift the trimmer head and face it downward; align the two mounting holes in the guard with the two bolts that are preassembled on the base of the shaft. Make sure that the internal surface of the guard faces towards the trimmer head (Fig. 4).
3. Lock the guard in place with the two bolts and the supplied hex wrench (Fig. 5).



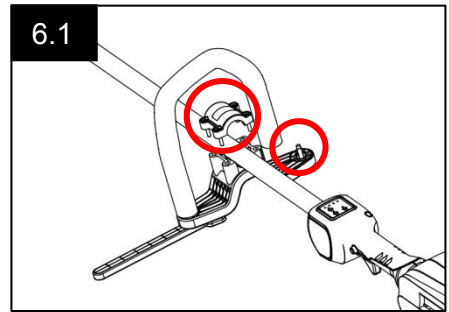
MOUNTING AND ADJUSTING THE FRONT-ASSIST HANDLE

⚠ WARNING: Always remove the battery pack from the product when you are assembling parts, making adjustments, cleaning, or when the product is not in use.

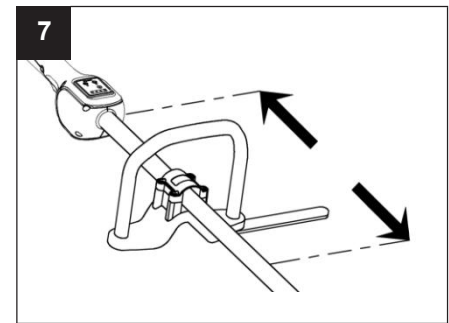
1. Remove the battery pack from the trimmer
2. Remove the auxiliary handle assembly
3. Loosen the four hexagon socket screws on the upper cover of the auxiliary handle, remove the upper cover of the auxiliary handle (Fig. 6).



4. Loosen the semicircle cross screw and unscrew the auxiliary handle
5. After installation as shown in figure 4.1, turn the auxiliary handle back and lock the semicircle cross screw (Fig. 6.1)
6. Attach the front-assist handle and lower clamp on the shaft and secure them by pre-tightening the four screws. Turn the front-assist handle upwards so that it points toward the top of the handle (Fig. 7).



7. Shorter users may adjust the handle to a lower position (away from you) and taller users may adjust the handle to an upper position (towards you). The handle should be adjusted so your front arm will be straight when using the trimmer.



8. After installing the upper cover of the auxiliary handle, lock it with the hexagon socket screw. Tighten the four screws so that the handle cannot be rotated on the shaft.

OPERATION

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

⚠ WARNING: Always wear eye protection with side shields marked to comply with ANSI Z87.1, along with hearing protection. Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.

⚠ 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.

TO INSTALL/REMOVE BATTERY PACK (Fig. 8 & 9)

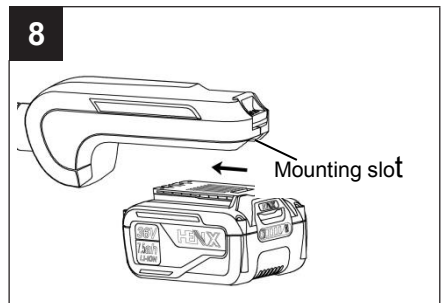
⚠ WARNING: Always remove the battery pack from the product when you are assembling parts, making adjustments, cleaning, or when not in use. Removing the battery pack will prevent accidental starting that could cause serious personal injury.

NOTE: Fully charge the battery pack before first use.

To install battery pack (Fig. 8)

1. Align the ribs of the battery pack with the mounting slots in the string trimmer's battery port.
2. Press the battery pack towards the trimmer head until it snaps into position.

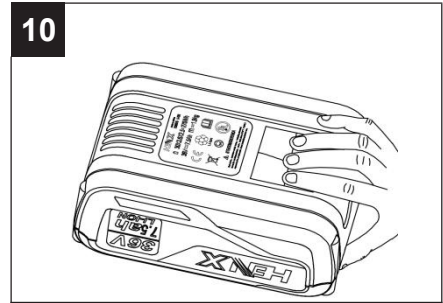
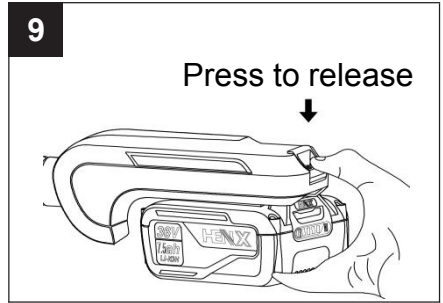
NOTE: Make sure that the latch on the string trimmer snaps into place and the battery pack is secured to the tool before beginning operation.



To remove battery pack (Fig. 9)

⚠ WARNING: Always be aware of the location of your feet and children or pets around you when pressing the battery-release button. Serious injury could result if the battery pack falls. NEVER remove the battery pack at a high location.

1. Hold the battery pack in the palm of your hand.
2. Press the battery-release button with your thumb; the battery pack will disengage from the latch.
3. Remove the battery pack from the machine(Fig. 10).



HOLDING THE STRING TRIMMER

⚠ WARNING: Dress properly to reduce the risk of injury when operating this tool. Do not wear loose clothing (Fig. 11) or jewelry. Wear eye and ear/hearing protection. Wear heavy, long pants, boots and gloves. Do not wear short pants or sandals or go barefoot.

Before operating the unit, stand in the operating position and check that:

- The operator is wearing eye protection and proper clothing.
- One arm is slightly bent, and the hand on that arm is holding the rear handle.
- The other arm is straight, with that hand holding the front-assist handle.
- The trimmer head is parallel to the ground and easily contacts the material to be cut without the operator having to bend over (Fig. 11).



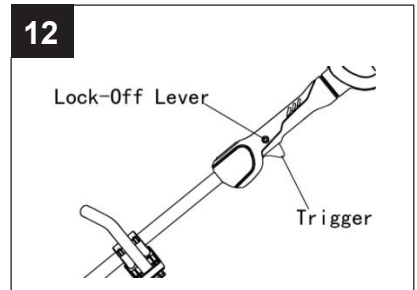
STARTING/STOPPING THE STRING TRIMMER

Before starting the string trimmer

- Make sure that you have a secure and balanced footing.
- Stand upright and hold the string trimmer in a relaxed position.
- Make sure that the cutting line is not touching the ground or any other objects.
- Hold the string trimmer with both hands: one hand on the rear handle and one hand on the front-assist handle.

To start the string trimmer (Fig. 12)

1. Press the safety lock-off button down and hold it in that position. Meanwhile press the trigger to turn on the string trimmer.
2. The rotational speed of the cutting line is controlled with the variable speed trigger. More pressure on the trigger results in higher cutting speed; less pressure on the trigger results in lower cutting speed. Adjust the speed to suit the task at hand.



NOTICE: The motor runs only when the anti lock button and trigger are both pressed.

To stop the string trimmer

Release the anti lock button and the trigger to stop the string trimmer.

⚠ WARNING: Always remove the battery pack from the string trimmer during work breaks and after finishing work.

USING THE STRING TRIMMER

⚠ WARNING: To avoid serious personal injury, wear goggles or safety glasses at all times when operating this unit. Wear a face mask or dust mask in dusty locations.

Clear the area to be cut before each use. Remove all objects, such as rocks, broken glass, nails, wire, or string that can be thrown or become entangled in the cutting attachment. Clear the area of children, bystanders, and pets. At a minimum, keep all children, bystanders and pets at least 100 feet (30.5m) away; there still may be risk to bystanders from thrown objects. Bystanders should be encouraged to wear eye protection. If you are approached, stop the motor immediately.

⚠ WARNING: To prevent serious personal injury, remove the battery pack from the tool before servicing, cleaning, changing attachments or removing material from the unit.

Check for damaged/worn parts before each use

Check the trimmer head, guard and front-assist handle and replace any parts that are cracked, warped, bent, or damaged in any way.

The line-cutting blade on the edge of the guard can dull over time. It is recommended that you periodically sharpen it with a file or replace it with a new blade.

⚠ WARNING: Always wear gloves when mounting or replacing the guard or when sharpening or replacing the blade. Note the location of the blade on the guard and protect your hand from injury.

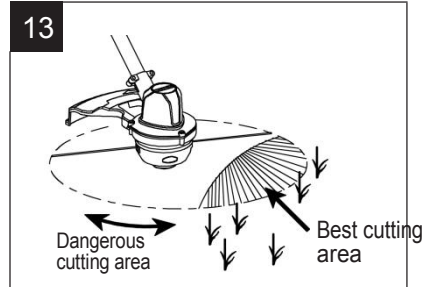
Clean the trimmer after each use

See the Maintenance section for cleaning instructions.

⚠ WARNING: Never use water for cleaning your trimmer. Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents. Use clean clothes to remove dirt, dust, oil, grease, etc.

Tips for best trimming results (Fig. 13)

- The correct angle for the cutting
- attachment is parallel to the ground
- Do not force the trimmer. Allow the Very tip of the line to do the cutting (especially along walls). Cutting with more than the tip will reduce cutting efficiency and may overload the motor.
- The cutting height is determined by the distance of the cutting line from the lawn surface.
- Grass over 8 inches (200 mm) should be cut by working from top to the bottom in small increments to avoid premature line wear or motor drag.
- Slowly move the trimmer into and out of the area being cut, maintaining the cutting head position at the desired cutting height. This movement can be either a forward-backward motion or a side-to-side motion. Cutting shorter lengths produces best results.
- Trim only when grass and weeds are dry.
- Wire and picket fences can cause extra string wear or breakage. Stone and brick walls, curbs, and wood may wear strings rapidly.
- Avoid trees and shrubs. Tree bark, wood moldings, siding, and fence posts can easily be damaged by the strings.

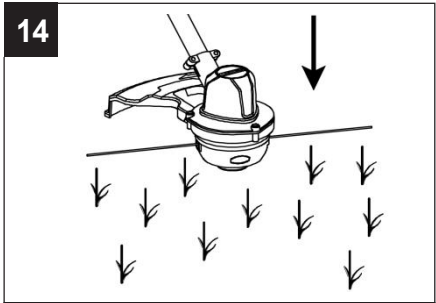


ADJUSTING CUTTING LINE LENGTH

The trimmer head allows the operator to release more cutting line without stopping the motor. As line becomes frayed or worn additional line can be released by lightly tapping the bump knob on the ground while operating the trimmer (Fig. 14).

⚠ WARNING: Do not remove or alter the line cutting blade assembly. Excessive line length will cause the motor to overheat and may result in serious personal injury.

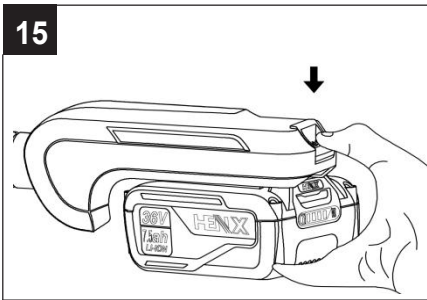
For best results, tap the bump knob on bare ground or hard soil. If line release is attempted in tall grass, the motor may overheat. Always keep the trimming line fully extended. Line release becomes more difficult as the cutting line becomes shorter.



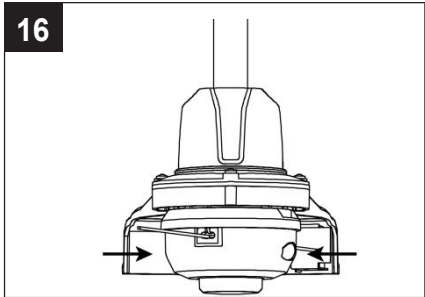
RELOAD THE CUTTING LINE, IF NECESSARY

NOTICE: When the cutting line breaks from the line outlet or the cutting line is not released when the trimmer head is tapped, you need to remove the remaining cutting line from the spool retainer and follow the steps below to reload the line.

1. Remove the battery pack. (Fig. 15).



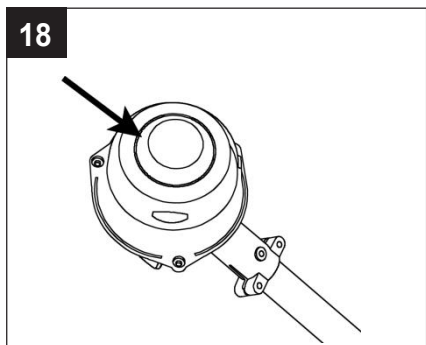
2. Press down 2 release lugs on the top of the straw head, remove the bottom cover of the straw head (**Fig.16**).



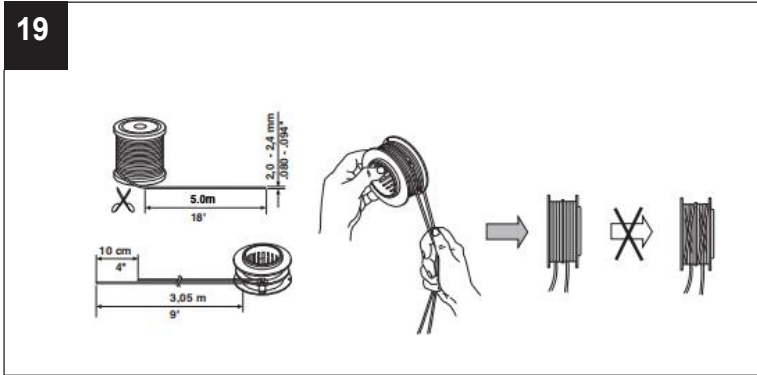
3. One hand holds the motor cover, and the other hand pulls out the straw cover (**Fig.17**).



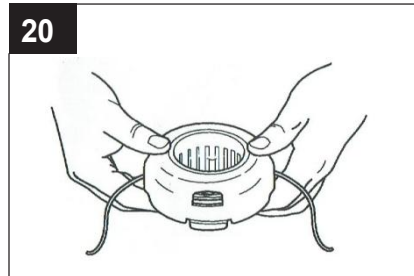
4. Remove the spool (**Fig.18**).



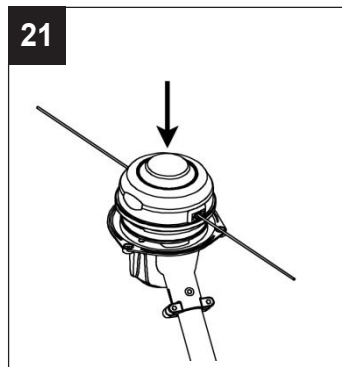
5. Wind the straw rope (5 m) in the specified direction to the reel (**Fig.19**).



6. Install the coiled wire reel into the lower cover of the straw head, and clip the straw rope into the groove (**Fig.20**).



7. Install the lower cover assembly of the straw head onto the straw head, press down hard to complete the installation (**Fig.21**)



MAINTENANCE

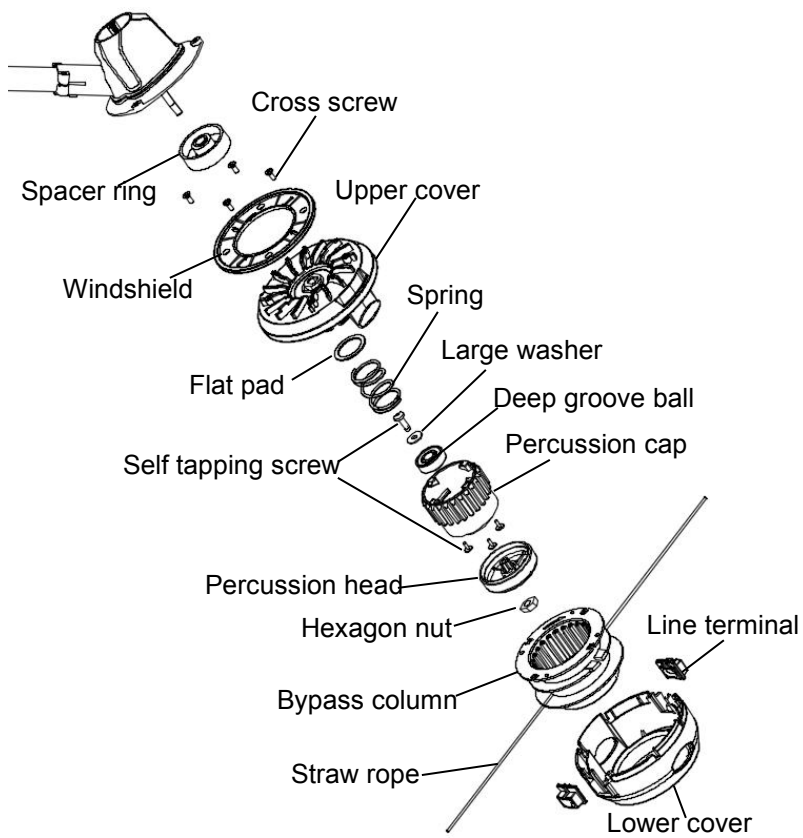
⚠ WARNING: When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

⚠ WARNING: Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. To prevent serious personal injury, take extra precautions and care when performing maintenance, service or for changing the cutting attachment or other attachments.

⚠ WARNING: To prevent serious personal injury, remove the battery pack from the tool before servicing, cleaning, changing add-on attachments or removing material from the unit.

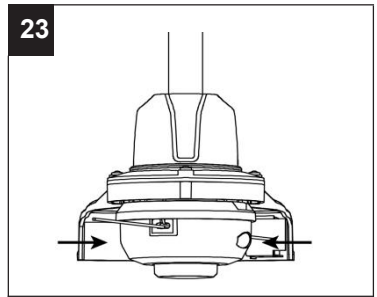
TRIMMER HEAD REPLACEMENT

⚠ DANGER: If the head loosens after it is fixed in position, replace it immediately. Never use a trimmer with a loose cutting attachment. Replace a cracked, damaged or worn out cutting head immediately, even if damage is limited to superficial cracks. Such attachments may shatter at high speed and cause serious injury.

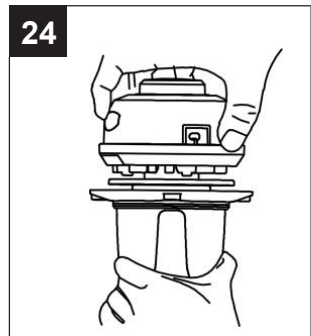


Remove the trimmer head

1. Press down 2 release lugs on the top of the straw head, remove the bottom cover of the straw head (Fig.23).

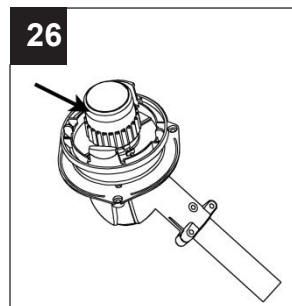
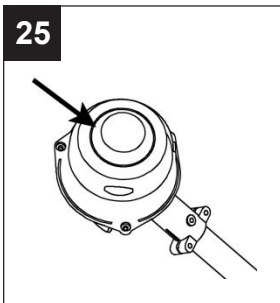


2. Hold the motor cover with one hand and pull out the straw cover with the other hand (Fig.24).

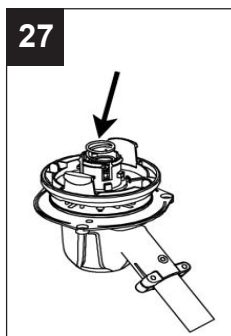


3. Remove the spool (Fig.25).

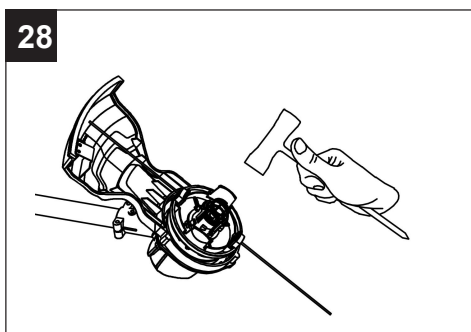
4. Unplug the percussion head assembly (Fig.26)



5. Remove the spring and large gasket (Fig.27)



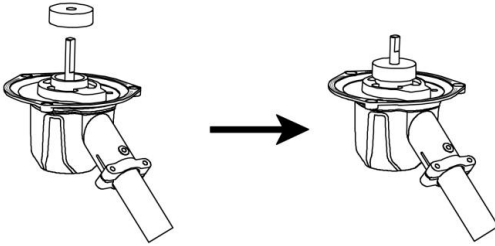
9. Remove the lock nut with a special wrench and remove the straw cover (Fig.28)



Install the New Trimmer Head

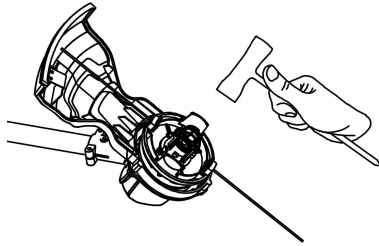
1. Load the spacer ring into the motor shaft and install the straw head cover assembly into the motor shaft (Fig. 29)

29



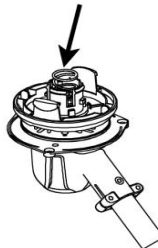
2. Tighten the locknut with a socket wrench (Fig. 30)

30

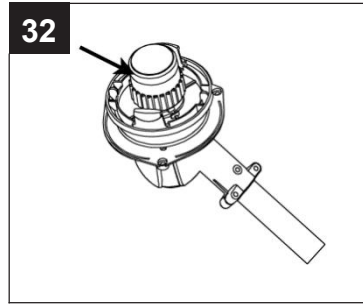


3. Put the big gasket and spring into the center hole of the cover assembly of the straw head in turn (Fig. 31)

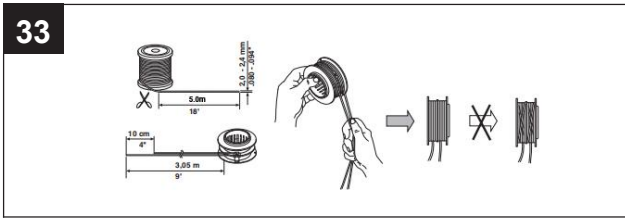
31



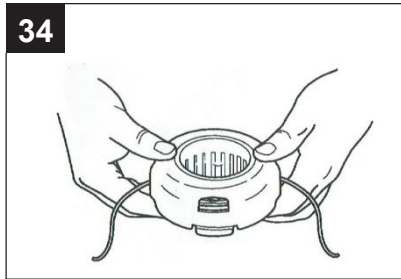
4. Install the percussion head assembly onto the straw head cover and press down hard (Fig.32)



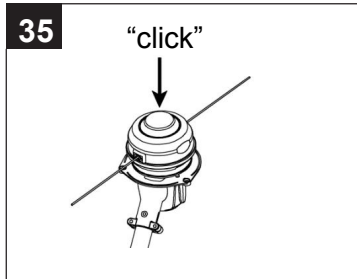
5. Wind the straw rope (6 m) in the specified direction to the reel (Fig. 33)



6. Install the coiled wire reel into the lower cover of the straw head, and clip the straw rope into the groove (Fig.34)



7. Install the lower cover assembly of the straw head onto the straw head, press down hard to complete the installation (Fig.35)



CLEAN THE UNIT

- Clear any grass that may have wrapped itself around the motor shaft or trimmer head.
- Use a small brush or a small brush and a small vacuum cleaner to clean the air vents on the rear housing.
- Keep the air vents free of obstructions.
- Clean the unit using a damp cloth with a mild detergent.
- Do not use any strong detergents on the plastic housing or the handle. They can be damaged by certain aromatic oils, such as pine and lemon. Do not use solvents such as kerosene. Moisture can also cause a shock hazard. Wipe off any moisture with a soft dry cloth.

SHARPEN THE LINE-CUTTING BLADE

⚠ WARNING: Always protect your hands by wearing heavy gloves when performing any maintenance on the line-cutting blade.

1. Remove the line-cutting blade from the guard.
2. Secure the blade in a vise.
3. Wear proper eye protection and gloves and be careful not to cut yourself.
4. Carefully file the cutting edges of the blade with a fine-tooth file or sharpening stone, maintaining the original cutting edge angle.
5. Replace the blade on the guard and secure it in place with the two screws.

STORING THE UNIT

- Remove the battery pack from the trimmer.
- Clean the tool thoroughly before storing it.
- Store the unit in a dry, well-ventilated area, locked-up or up high, out of the reach of children. Do not store the unit on or adjacent to fertilizers, gasoline, or other chemicals.

Battery Tool Use And Care

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.

Use the battery operated string trimmers only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

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.

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

Battery powered string trimmers do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery powered string trimmers or when changing accessories. Following this rule will reduce the risk of electric shock, fire, or serious personal injury.

Do not charge the battery pack outdoors.

Use only the charger supplied by the manufacturer to recharge.

Do not leave string trimmer s unattended when the battery is inserted.

Remove the battery when the string trimmer is not in use and before servicing.

Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.

Do not operate string trimmers in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
String trimmer fails to start.	<ul style="list-style-type: none"> ▪ The battery pack is not attached to the trimmer. ▪ No electrical contact between the trimmer and battery. ▪ The battery pack is depleted. ▪ The anti lock button and trigger are not depressed simultaneously. 	<ul style="list-style-type: none"> ▪ Attach the battery pack to the trimmer. ▪ Remove battery, check contacts and reinstall the battery pack. ▪ Charge the battery pack. ▪ Press the anti lock button and hold it, then depress the trigger to turn on the string trimmer.
String trimmer stops while cutting.	<ul style="list-style-type: none"> ▪ The guard is not mounted on the trimmer, resulting in an overly long cutting line and motor overload. ▪ Heavy cutting line is used. ▪ The motor shaft or trimmer head is bound with grass. ▪ The motor is overloaded. ▪ The battery pack or string trimmer is too hot. ▪ The battery pack is disconnected from the tool. ▪ The battery pack is depleted. 	<ul style="list-style-type: none"> ▪ Remove the battery pack and mount the guard on the trimmer. ▪ Use recommended nylon cutting line with diameter no greater than 0.078 in. (2.0 mm). ▪ Stop the trimmer, remove the battery, and remove the grass from the motor shaft and trimmer head. ▪ Remove the trimmer head from the grass. The motor will recover to work as soon as the load is removed. Stop the String trimmer and remove the battery pack. When cutting, move the trimmer head in and out of the grass to be cut and remove no more than inches of length in a single cut. ▪ Allow the battery pack or trimmer to cool until the temperature drops below 149°F (65°C). ▪ Re-install the battery pack. ▪ Charge the battery pack.

PROBLEM	CAUSE	SOLUTION
Trimmer head will not advance line.	<ul style="list-style-type: none"> ▪ The motor shaft or trimmer head is bound with grass. ▪ There is not enough line on the spool. ▪ The trimmer head is dirty. ▪ The line is tangled on the spool. ▪ The line is too short. 	<ul style="list-style-type: none"> ▪ Stop the trimmer, remove the battery, and clean the motor shaft and trimmer head. ▪ Remove the battery and replace the cutting line; follow the section "LINE REPLACEMENT" in this manual. ▪ Remove the battery and clean the spool, spool retainer and spool base. ▪ Remove the battery, remove the line from the spool and rewind; follow the section "RELOAD THE CUTTING LINE" in this manual. ▪ Remove the battery and pull the lines manually while alternately pressing down and releasing the trimmer head.
Grass wraps around trimmer head and motor housing.	<ul style="list-style-type: none"> ▪ Cutting tall grass at ground level. 	<ul style="list-style-type: none"> ▪ Cut tall grass from the top down, removing no more than 8 inches in each pass to prevent wrapping.
The blade is not cutting the line.	<ul style="list-style-type: none"> ▪ The line-cutting blade on the edge of the guard has become dull. 	<ul style="list-style-type: none"> ▪ Sharpen the line-cutting blade with a file or replace it with a new blade.
Cracks on the trimmer head or the spool retainer comes loose with spool base.	<ul style="list-style-type: none"> ▪ The trimmer head is worn out. 	<ul style="list-style-type: none"> ▪ Replace the trimmer head immediately; follow the section "TRIMMER HEAD REPLACEMENT" in this manual.
During line replacement, the line can't be loaded into the trimmer head properly.	<ul style="list-style-type: none"> ▪ Spool retainer's LOAD lines do not align with the eyelets in the spool base. 	<ul style="list-style-type: none"> ▪ Rotate the spool retainer in the arrow direction to align the LOAD lines on the spool retainer with the eyelets in the spool base
	<ul style="list-style-type: none"> ▪ The string line is not correctly inserted into the mounting hole in the eyelet. 	<ul style="list-style-type: none"> ▪ Align the LOAD lines with the eyelets first, then insert the line into the mounting hole, which is located inside the eyelet.

WARRANTY

HENX WARRANTY POLICY

4 year limited warranty on HENX outdoor power equipment and 2 year limited warranty on HENX battery packs and chargers.

Please contact HENX Customer Service at 86-574-62037812 you have questions or warranty claims.

LIMITED SERVICE WARRANTY

FOR FOUR YEARS from the date of original retail purchase, this HENX product is warranted against defects in material or workmanship. Defective product will receive free repair.

FOR TWO YEARS from the date of original retail purchase, the HENX battery pack and charger are warranted against defects in material or workmanship. Defective product will receive free repair.

- a) This warranty applies only to the original purchaser from an authorized HENX retailer and may not be transferred.
- b) The warranty period for any HENX product or part used for industrial, professional or commercial purpose is ONE year.
- c) This warranty is void if the product has been used for rental purpose.
- d) This warranty does not cover the damage resulting from modification, alteration or unauthorized repair or from use of any cutting line other than standard nylon cutting line with a diameter that does not exceed 0.090 in. (2.3 mm) recommended for use with this product.
- e) This warranty only covers defects arising under normal usage and does not cover any malfunction, failure or defect resulting from misuse, abuse (including overloading of the product beyond capacity and immersion in water or other liquid), accidents, neglect or lack of proper installation, and improper maintenance or storage.
- f) This warranty does not cover normal deterioration of the exterior finish, including but not limited to scratches, dents, paint chips, or to any corrosion or discoloring by heat, abrasive and chemical cleaners.

HOW TO OBTAIN SERVICE

For warranty service, please contact HENX customer service at 86-574-62037812. When requesting warranty service, you must present the original dated sales receipt. An authorized service center will be selected to repair the product according to the stated warranty terms.

ADDITIONAL LIMITATIONS

To the extent permitted by applicable law, all implied warranties, including warranties of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, are disclaimed. Any implied warranties, including warranties of merchantability or fitness for a particular purpose, that cannot be disclaimed under state law are limited to four years from the date of purchase for outdoor power equipment and two years from date of purchase for battery pack and charger.

Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For customer service contact us at: 86-574-62037812 or www.henxgarden.com Customer Service.



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