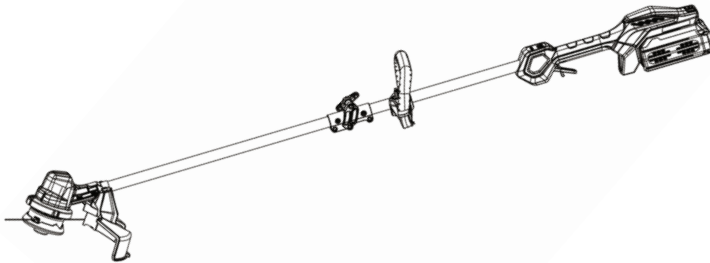

Operation Manual



62V String Trimmer MODEL # E6200ST



SAVE THESE INSTRUCTIONS

DO NOT RETURN THIS UNIT TO THE RETAILER. PROOF OF PURCHASE WILL BE REQUIRED FOR WARRANTY SERVICE.

For assistance regarding the assembly, operation or maintenance of the unit, please call 1-833-871-4330 (in the United States) or contact Support@PioneerPowerEquipment.com.

Warranty service is available through an authorized Pioneer Power Equipment dealer. To locate a dealer in your area, please call the number listed above or visit PioneerPowerEquipment.com/dealerlocator.

Service on this unit, both within and after the warranty period, should only be performed by an authorized dealer. When servicing, use only identical replacement parts.

All information, illustrations, and specifications in the manual are based on the latest product information available at the time of printing. We reserve the right to make changes at any time without notice. The product may vary slightly from the illustrations contained in this manual.

IMPORTANT: Read this manual thoroughly before using this product. Follow all instructions.

NOTE: Please refer to seller if there is any query.

It is essential that you read the instructions in this manual before mounting and operating this machine.

Fig. 1

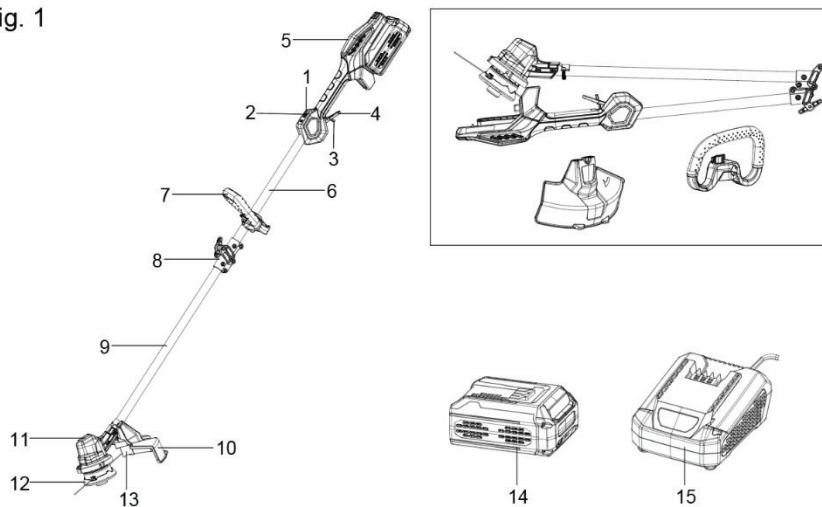


Fig. 2

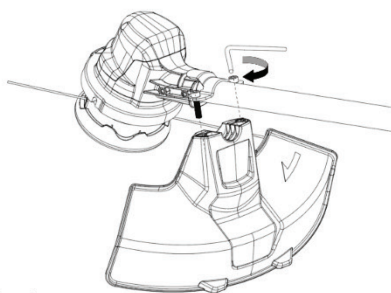


Fig. 3

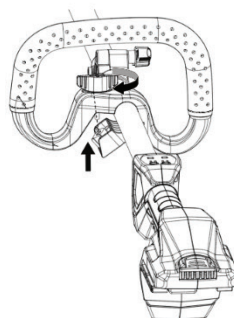
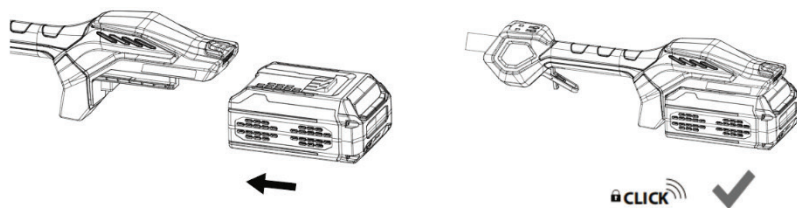


Fig. 4



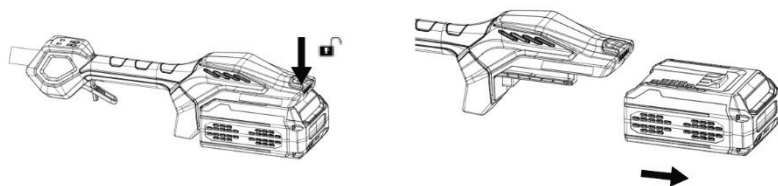


Fig. 5

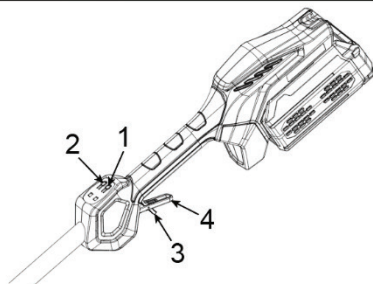


Fig. 6

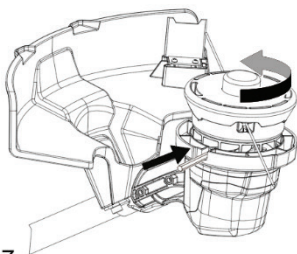


Fig. 7

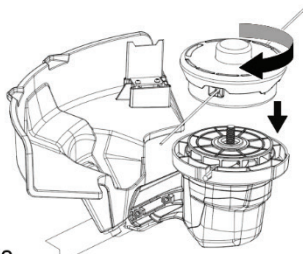


Fig. 8

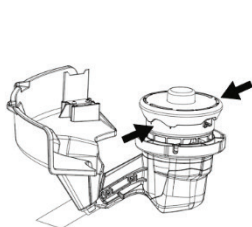


Fig. 9

Your trimmer has been engineered and manufactured to a high standard for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of rugged, trouble-free performance.

SAVE THIS MANUAL FOR FUTURE

INTRODUCTION

This appliance is not intended for use by persons (including children) with reduced understanding, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

This product has many features for making its use more pleasant and enjoyable.

Safety, performance, and dependability have been given top priority in the design of this product making it easy to maintain and operate.

INTENDED USE

This trimmer is designed for cutting grass and soft vegetation alike and for trimming grass edges in private garden areas which are not accessible with a lawnmower. Its cutting plane should always be approximately parallel to the ground. If it is not used in this way, the possibility of injury to persons and property by thrown objects is significantly increased.

The device is not allowed to be used in public gardens, parks, sports centres or at roadsides as well as in agriculture and forestry.

This trimmer is not allowed to be used for cutting or chopping hedges, shrubs, bushes, and flowers. It should never be used with the cutting means rotating vertically.

GENERAL 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.

Save all warnings and instructions for future reference.



When using power tools, basic safety precautions should always be taken to reduce the risk of fire, electric shock and personal injury. Also, please read and heed the advice given in the additional safety instructions.

The term "power tool" in the warnings refers to battery-operated (cordless) power tool.

- Wear protective glasses or goggles.
- Never allow children or people unfamiliar with the instructions to use the machine.
- Stop using the machine while people, especially children, or pets are nearby.
- Only use the machine in daylight or good artificial light.
- Before using the machine and after any impact, check for signs of wear or damage and repair as necessary.
- Never operate the machine with damaged guards or without the guards in place.
- Keep hands and feet away from the cutting means at all times and especially when switching on the motor.
- Take care against injury from any device fitted for trimming the filament line length. After extending new cutter line always return the machine to its normal operating position before switching on.
- Never fit metal cutting elements.
- Never use replacement parts or accessories not provided or recommended by the manufacturer.
- Disconnect the battery from the machine before checking, cleaning or working on the machine and when it is not in use.
- Always ensure that ventilation openings are kept clear

READ ALL INSTRUCTIONS

WORK AREA SAFETY

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep all bystanders (especially children and pets) at least 15m away from the work area. Distractions can cause you to lose control.

ELECTRICAL SAFETY

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

PERSONAL SAFETY

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- 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.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- 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.
- Use of hearing protection reduces the ability to hear warnings (shouts or alarms). The operator must pay extra attention to what is happening around the work area.

POWER TOOL USE AND

- 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.
- 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.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing

tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

- 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.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Do not let debris build up on your trimmer. Clean often to maintain proper ventilation. Observe cleaning guides in this manual.
- 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

- 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 power tools 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 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.

MAINTENANCE

- After use and before storage, disconnect the machine from the battery and check for damage.
- When not in use store the machine out of the reach of children.
- Grass trimmers should only be repaired by an authorised repairer.

- Use only manufacturers recommended replacement parts and accessories.

CAUTION

The cutter head will continue to rotate for a few seconds after switching off.

- The vibration level during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used.
- It has been reported that vibrations from hand-held tools may contribute to a condition called Raynaud's Syndrome in certain individuals. Symptoms may include tingling, numbness and blanching of the fingers, usually apparent upon exposure to cold. Hereditary factors, exposure to cold and dampness, diet, smoking and work practices are all thought to contribute to the development of these symptoms. It is presently unknown what, if any, vibrations or extent of exposure may contribute to the condition. There are measures that can be taken by the operator to possibly reduce the effects of vibration:
 - Keep your body warm in cold weather. When operating the unit wear gloves to keep the hands and wrists warm. It is reported that cold weather is a major factor contributing to Raynaud's Syndrome.
 - After each period of operation, exercise to increase blood circulation.
 - Take frequent work breaks. Limit the amount of exposure per day.

If you experience any of the symptoms of this condition, immediately discontinue use and see your physician about these symptoms.

English

SYMBOLS

Some of the following symbols may be used on this tool. Please study them and learn their meaning.

SYMBOLS	DESIGNATION	EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watts	Power
min	Minutes	Time
	Alternating Current	Type of current
	Direct Current	Type or a characteristic of current
	Class II Construction	Double-insulated construction
n_0	No Load Speed	Rational speed, at no load
/min	Per Minute	Revolutions, strokes, surface speed, orbits, etc., per minute.
	Wet Conditions Alert	Do not expose to rain or use in damp locations.
	Read the Operator's Manual	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Eye Protection	Wear eye protection with side shields that are marked to comply with ANSI Z87.1 when operating this equipment.
	Safety Alert	Precautions that involve your safety.
	Ricochet	Thrown objects can ricochet and result in personal injury or property damage.
	No Blade	Do not install or use any type of blade on a product or displaying this symbol.
	Keep Bystanders Away	Keep all bystanders at least 50 ft. away.

English

Save these Instructions

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

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



WARNING

• To avoid serious personal injury, do not attempt to use this product until you have read this Owner's Manual thoroughly and understand it completely. If you do not understand the warnings and instructions in this Owner's Manual, do not use this product.



The operation of any power tool 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 shields and, when needed, a full face shield. 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.

English

SPECIFICATIONS

Voltage	62V
No Load Speed	5500/6500 rpm
Cutting head	Bump feed
Cutting Line Diameter	2.00 mm
Cutting Path Diameter	14"/16" (35cm/40cm)
Battery Pack	E6225B, E6240B, E6280B
Charger	E6225SC, E6255RC

ASSEMBLY

UNPACKING

This product requires

- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.

WARNING

Do not use this product if any parts on the Packing List are already assembled to your product when you unpack it. Parts on this list are not assembled to the product by the manufacturer and require customer installation. Use of a product that may have been improperly assembled could result in serious personal injury.

- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.

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

To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the product when assembling parts.

DESCRIPTION

1. trigger
2. Rear handle
3. trigger lock button
4. Front handle
5. Upper shaft
6. Shaft coupler
7. Lower shaft
8. Protection guard
9. Cutting diameter slide
10. Cutting line
11. Pivoting button
12. Edger wheel
13. Battery pack
14. Charger

ATTACHING GRASS DEFLECTOR

See Figure 2.

WARNING

The line cut-off blade on the grass deflector is sharp. Avoid contact with the blade. Failure to avoid contact can result in serious personal injury.

- Remove the battery pack.
- Invert the grass trimmer/edger to access the trimmer head.
- Using a Phillips head screwdriver, remove the pre-installed screws(1) from the trimmer head.
- Place the guard (2) on to the trimmer head.
- Align the screw hole on the guard with the screw hole on the trimmer head.
- Insert the screw into the trimmer head, fastening the guard in place.

OPERATION

WARNING

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

WARNING

Always wear eye protection. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.

WARNING

Never use blade, flailing device, wire, or rope on this product. 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.

For complete charging instructions, refer to the Operator's Manuals for your battery pack and charger models.

NOTE: To avoid serious personal injury, always remove the battery pack and keep hands clear of the lock-out button when carrying or transporting the tool.

TO INSTALL BATTERY PACK

See Figure 3.

- Place the battery pack in the trimmer. Align raised ribs on battery pack with grooves in the trimmer's battery port.
- Make sure the latch on bottom of the battery pack snaps in place and that battery pack is fully seated and secure in the trimmer before beginning operation.

TO REMOVE BATTERY PACK

See Figure 3.

- Release the variable speed control trigger to stop the trimmer.
- Press and hold the battery latch button at the bottom of the battery pack.
- Remove battery pack from the trimmer.

SHAFT ASSEMBLY

See Figure 4.

The shaft's length cannot be adjusted.

- Insert the lower shaft into the shaft coupler on the upper shaft.
- Tighten the coupler by turning clockwise. Make sure the upper and lower part of shafts are securely tightened before reinstalling the battery pack.

STARTING/STOPPING THE TRIMMER

See Figure 5.

- To start the trimmer, grip the front handle with one hand while holding the rear handle with your other hand making sure to depress the lock-out trigger while squeezing the variable speed trigger.
- To stop the trimmer, just release the trigger.

OPERATING THE TRIMMER

See Figure 6.

Follow these tips when using the trimmer:

- Hold the trimmer with your right hand on the rear handle and your left hand on the front handle.
- Keep a firm grip with both hands while in operation.
- Trimmer should be held at a comfortable position with the rear handle about hip height.
- Cut tall grass from the top down. This will prevent grass from wrapping around the shaft housing and string head which may cause damage from overheating.

If grass becomes wrapped around the string head:

- Remove the battery pack from the trimmer.
- Remove the grass.

WARNING

Contact with the trimmer cutting head while operating can result in serious personal injury.

CUTTING TIPS

See Figure 8.

- Keep the trimmer tilted toward the area being cut; this is the best cutting area.
- The trimmer will cut better when moved from left to right across the area to be cut; it is less effective when moved from right to left.
- Use the tip of the cutting line to do the cutting; do not force cutting head into uncut grass.
- Wire and picket fences cause extra cutting line wear, even breakage. Stone and brick walls, curbs, and wood may wear cutting line rapidly.
- Avoid trees and shrubs. Tree bark, wood moldings, siding, and fence posts can easily be damaged by the cutting line.

ADVANCING CUTTING LINE

NOTE: The trimmer is equipped with an auto-feed head. Bumping the head to try to advance the line will damage the trimmer and void the warranty.

- With the trimmer running, release the switch trigger.
- Wait two seconds, and press the switch trigger.

NOTE: The cutting line will extend approximately 0.635cm with each stop and start of the trigger until the cutting line reaches the length of the grass deflector cut-off blade.

- Resume trimming.

ADVANCING THE CUTTING LINE MANUALLY

See Figure 7.

- Remove the battery pack.
- Push the black button located on the cutting head while pulling on cutting line to manually advance the cutting line.
- After extending new cutter line, always return the machine to its normal operating position before switching on.

ADJUSTABLE CUTTING DIAMETER

- Rotate the plant protector to its working position to avoid cutting flowers or plants by mistake.
- Remove the battery pack.
- Adjust the "cutting diameter slide" on the grass deflector to adjust the cutting path diameter. There are 2 diameter options: 30cm, 25cm.

Note: a smaller diameter cutting path will maximize run time and cutting speed, while a larger cutting path will help complete the trimming task quicker.

WARNING

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.

WARNING

To avoid serious personal injury, always remove the battery pack from the tool when cleaning or performing any maintenance.

GENERAL MAINTENANCE

Before each use, inspect the entire product for damaged, missing, or loose parts such as screws, nuts, bolts, caps, etc. Tighten securely all fasteners and caps and do not operate this product until all missing or damaged parts are replaced.

Avoid using solvents when cleaning plastic parts. 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.

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.

Only the parts shown on the parts list are intended to be repaired or replaced by the customer. All other parts should be replaced at an Authorised Service Centre.

WARNING

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.

WARNING

To avoid serious personal injury, always remove the battery pack from the tool when cleaning or performing any maintenance.

GENERAL MAINTENANCE

Before each use, inspect the entire product for damaged, missing, or loose parts such as screws, nuts, bolts, caps, etc. Tighten securely all fasteners and caps and do not operate this product until all missing or damaged parts are replaced. Please call Customer Service for assistance.

Avoid using solvents when cleaning plastic parts. 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.

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.

BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

Contact customer service for the latest replacement parts and accessories.

WARNING

Upon removal, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. Lithium-ion and nickel-cadmium batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

SPOOL REPLACEMENT

See Figure 10.

Use original manufacturer's replacement cutting line for best performance.

- Remove the battery pack.
- Push in tabs on side of spool cover.
- Pull spool cover up to remove.
- Remove the old spool.
- To install the new spool, make sure the cutting line is captured in the slot on the new spool. Make sure the end of the cutting line is extended approximately 15cm beyond the slot.
- Install the new spool so that the cutting line and slot align with the eyelet in the cutting head. Thread the cutting line into the eyelet.
- Pull the cutting line extending from the cutting head so the cutting line releases from the slot in the spool.
- Reinstall the spool cover by depressing tabs into slots and pushing down until spool cover clicks into

CUTTING LINE REPLACEMENT

See Figures 10 - 11.

- Remove the battery pack.
- Remove the spool from the cutting head.

NOTE: Remove any old cutting line remaining on the spool.

- Cut a piece of cutting line approximately 3m long.
- Insert the cutting line into the anchor hole in the upper part of the spool. Wind the cutting line around the upper part of the spool clockwise, as shown by the arrows on the spool. Place cutting line in the slot on upper spool flange, leaving about 15cm. extended beyond the slot. Do not overfill. After winding the cutting line, there should be at least 0.635 cm between the wound cutting line and the outside edge of the spool.
- Replace the spool, and the spool cover. Refer to spool replacement earlier in this manual.

STORING THE TRIMMER

- Remove the battery pack from the trimmer before storing.
 - Clean all foreign material from the trimmer.
 - Store it in a place that is inaccessible to children.
 - Keep away from corrosive agents such as garden chemicals and de-icing salts.
 - Store and charge your batteries in a cool area. Temperatures above or below normal room temperature will shorten battery pack life.
 - Never store batteries in a discharged condition. Wait for battery pack to cool and fully charge immediately.
 - Store the battery pack where the temperature is below 27°C and away from moisture.
- All batteries gradually lose their charge. The higher the

store your unit for long periods of time without using it, recharge the batteries every month or two. This practice will prolong battery pack life.

TROUBLESHOOTING

Problem	Possible cause	Solution
String will not advance when using the auto-feed head	String is welded to itself	Lubricate with silicone spray
	Not enough string on spool	Install more string. Refer to string replacement earlier in this manual
	String is worn too short	Pull string while pressing line release button
	String is tangled on spool	Remove string from spool and rewind. Refer to string replacement earlier in this manual
Grass wraps around shaft housing and string head	Cutting tall grass at ground level	Cut tall grass from the top down to prevent wrapping
Motor fails to start when switch trigger is depressed	Battery is not secure	To secure the battery pack, make sure the latch on bottom of the battery pack snaps into place
	Battery is not charged	Charge the battery pack according to the instructions included with your model
	Shaft not connected completely	Make sure lower shaft is fully seated in shaft coupler on upper shaft and secure shaft coupler