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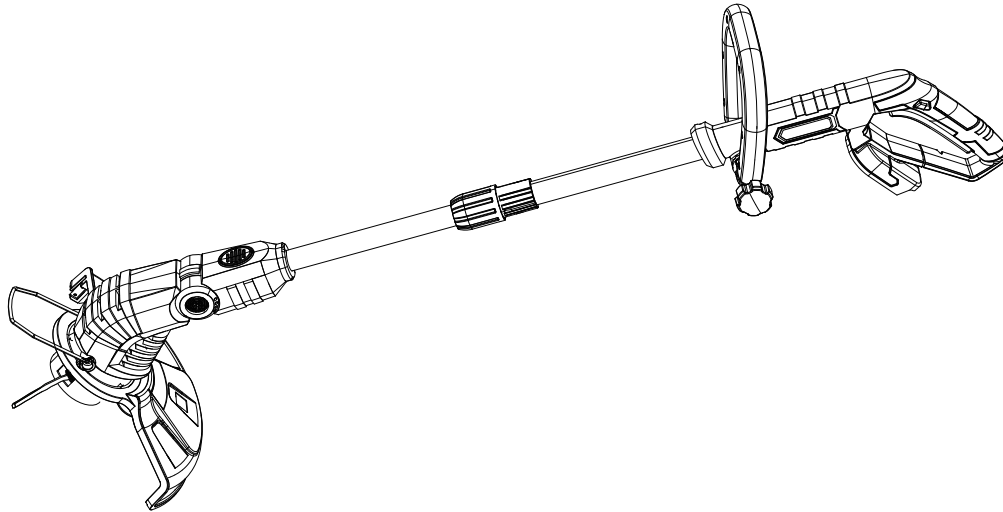
OPERATOR'S MANUAL

CORDLESS TRIMMER + EDGER

20-VOLT MAX* | 2.0 Ah | 12 INCH

Model X20-TRIM-2A

Form No. ASP-X20-TRIM-2A-880E-M (TFG)



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New Castle, DE 19720

***DISCLAIMER:** Initial no-load voltage, when fully charged, peaks at 20V; nominal voltage under typical load is 18V.

SAVE THESE INSTRUCTIONS

CORDLESS TRIMMER + EDGER

20-VOLT MAX* | 2.0 Ah | 12 INCH

Model X20-TRIM-2A

Form No. ASP-X20-TRIM-2A-880E-M (TFG)

IMPORTANT!

Safety Instructions

All Operators Must Read These Instructions Before Use

CAUTION!

Before using this cordless tool, carefully read and observe the safety rules and instructions listed below. Before starting work, make sure that you know how to stop the machine in case of an emergency. The incorrect use of this machine could cause serious injury. Keep these instructions in a safe place and on hand so that they can be consulted when required.

CAUTION!

The cordless grass trimmer + edger should only be used for cutting lawns and for trimming along the borders of flower beds. Other uses of the trimmer + edger that are not indicated in these instructions could damage the trimmer + edger or seriously injure the operator.

GENERAL Safety Rules

 **WARNING!** When using the cordless grass trimmer + edger basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

1. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.
2. Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.
3. 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.
4. Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
5. 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.
6. 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.
7. 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.
8. Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature may cause explosion.
9. 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.
10. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
11. Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.
12. **Replacement parts** – When servicing, use only identical replacement parts.
13. **Avoid dangerous environments** – Do not use appliances in damp or wet locations. Do not use in rain.
14. **Keep children and bystanders away** – Children and other spectators, including pets, should be kept at least 50 feet (15 meters) away from the work area. When the grass is cut, stones and debris contained in the grass can be picked up by the trimmer + edger and dispersed into the air. These flying projectiles can cause blindness or other bodily injury.
15. **Dress properly** – Always wear suitable clothing when using the trimmer + edger to prevent head, hand, or feet injuries. Do not wear loose clothing or jewelry. They can get caught in moving parts.
16. **Use safety glasses** – Also use safety footwear, snug-fitting clothing, protective gloves, hearing and head protection.
17. **Use the right tools** – Do not use tools for any job except that for which they are intended.
18. **Do not force the tool** – It will do the job better and with less likelihood of injury if it is used at the rate for which it was designed.

SAVE THESE INSTRUCTIONS

19. **Do not overreach** – Keep proper footing and balance at all times.
20. **Stay alert** – Watch what you are doing. Use common sense. Do not operate the trimmer + edger when you are tired, or under the influence of alcohol or drugs.
21. **Store idle tools indoors** – When not in use, tools should be stored indoors in a dry and high or locked-up place out of the reach of children.
22. **Maintain tools with care** – Inspect the trimmer + edger periodically and replace if damaged. Repair the trimmer + edger only at an authorized service facility. Keep handles dry, clean, and free from oil and grease.
23. **Checked for damaged parts** – Before continuing to use the cordless trimmer + edger, 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 the alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect the trimmer + edger's 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.
- j. **Keep bystanders away while operating the machine.** Thrown debris can result in serious personal injury.
- k. **Do not operate the machine above waist height.** This helps prevent unintended cutter contact and enables better control of the machine in unexpected situations.
- l. **Exercise caution when operating the machine in wet grass. Walk, never run.** This reduces the risk of slipping and falling which may result in personal injury.
- m. **Do not operate the machine on excessively steep slopes.** This reduces the risk of loss of control, slipping and falling which may result in personal injury.
- n. **When working on slopes, always be sure of your footing, always work across the face of slopes, never up or down and exercise extreme caution when changing direction.** This reduces the risk of loss of control, slipping and falling which may result in personal injury.
- o. **Keep all parts of the body away from the moving trimmer cutter or line. Do not clear material from the machine until it has been disconnected from the power source.** The moving trimmer cutter or line may result in serious personal injury.

Grass trimmer and lawn edge trimmer safety warnings

- a. **Do not use the machine in bad weather conditions, especially when there is a risk of lightning.** This decreases the risk of being struck by lightning.
- b. **Thoroughly inspect the area for wildlife where the machine is to be used.** Wildlife may be injured by the machine during operation.
- c. **Thoroughly inspect the area where the machine is to be used and remove all stones, sticks, wires, bones, and other foreign objects.** Thrown objects can cause personal injury.
- d. **Before using the machine, always visually inspect to see that the cutter and the cutter assembly are not damaged.** Damaged parts increase the risk of injury.
- e. **Keep guards in place. Guards must be in working order and be properly mounted.** A guard that is loose, damaged, or is not functioning correctly may result in personal injury.
- f. **Keep all cooling air inlets clear of debris.** Blocked air inlets and debris may result in overheating or risk of fire.
- g. **Wear eye protection and ear protection.** Adequate protective equipment will reduce personal injury.
- h. **While operating the machine, always wear non-slip and protective footwear. Do not operate the machine when barefoot or wearing open sandals.** This reduces the chance of injury to the feet from contact with the moving cutter.
- i. **Always wear clothing such as trousers that covers the operator's legs while operating the machine.** Contact with the moving cutter or line may cause injury.
- p. **Carry the machine with the machine switched off and away from your body.** Proper handling of the machine will reduce the likelihood of accidental contact with a moving trimmer cutter or line.
- q. **Only use replacement cutting heads and trimmer cutters or lines specified by the manufacturer. Do not replace the trimmer cutters or lines with metal wires or blades.** Incorrect replacement parts may cause loss of control, breakage and injury.
- r. **Follow instructions for changing accessories.**
- s. **Always use two hands when operating the machine.** Holding the machine with both hands will avoid loss of control
- t. **Hold the machine by insulated gripping surfaces only, because the cutting line or blade may contact hidden wiring or its own cord.** Cutting line or blades contacting a "live" wire may make exposed metal parts of the machine "live" and could give the operator an electric shock.
- u. **Always keep proper footing and operate the machine only when standing on the ground.** Slippery or unstable surfaces may cause a loss of balance or control of the machine.
- v. **Maintain control of the machine and do not touch cutters, lines or blades and other hazardous moving parts while they are still in motion.** This reduces the risk of injury from moving parts
- w. **When clearing jammed material or servicing the machine, turn off the machine and remove the battery.** Unexpected starting of the machine while clearing jammed material or servicing may result in serious personal injury.

Battery + Charger

Safety Instructions

We pay a great deal of attention to the design of every battery pack to ensure that we supply you with batteries that are safe, durable and have a high energy density. The battery cells have a wide range of safety devices. Each individual cell is initially formatted and its electrical characteristic curves are recorded. This data is then used exclusively to be able to assemble the best possible battery packs.

Despite all the safety precautions, caution must always be exercised when handling batteries. The following points must be obeyed at all times to ensure safe use. Safe use can only be guaranteed if undamaged cells are used. Incorrect handling of the battery pack can cause cell damage.

IMPORTANT! Analyses confirm that incorrect use and poor care of high-performance batteries are the main factors responsible for personal and/or product damage.

 **WARNING!** Use only approved replacement batteries; other batteries may damage the cordless trimmer + edger and cause it to malfunction, which can lead to serious personal injury.

 **WARNING!** 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 modify or attempt to repair the battery pack except as indicated in the instructions for use and care.

Have your battery pack serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the battery pack is maintained.

 **CAUTION!** To reduce the risk of injury, charge the Snow Joe® 20V* ECOSHARP® 2.0 Ah Lithium-ion Battery pack only in its designated Snow Joe® 20V* ECOSHARP® Lithium-ion charger.

Other types of chargers present risk of fire, personal injury and damage. Do not wire a battery pack to a power supply plug or car cigarette lighter. Such misuse will permanently disable or damage the battery pack.

- **Avoid dangerous environments** – Do not charge the battery pack in rain, snow or in damp or wet locations. Do not use the battery pack or charger in the presence of explosive atmospheres (gaseous fumes, dust or flammable materials) because sparks may be generated when inserting or removing the battery pack, which could lead to a fire.
- **Charge in a well-ventilated area** – Do not block the charger vents. Keep them clear to allow for proper ventilation. Do not allow smoking or open flames near a charging battery pack. Vented gases may explode.

NOTE: The safe temperature range for the battery is 41°F – 104°F (5°C – 40°C). Do not charge the battery

outside in freezing weather; charge it at room temperature.

- **Maintain charger cord** – When unplugging the charger, pull the plug, not the cord, from the receptacle to reduce the risk of damage to the electrical plug and cord. Never carry the charger by its cord or yank it by the cord to disconnect it from the receptacle. Keep the cord away from heat, oil and sharp edges. Make sure the cord will not be stepped on, tripped over or subjected to damage or stress when the charger is in use. Do not use the charger with a damaged cord or plug. Replace a damaged charger immediately.
- **Do not use an extension cord unless it is absolutely necessary** – Using the wrong, damaged or improperly wired extension cord poses a risk of fire and electric shock. If an extension cord must be used, plug the charger into a properly wired 16 gauge or larger extension cord with the female plug matching the male plug on the charger. Make sure that the extension cord is in good electrical condition.
- **Charger only** – The charger must be plugged into an appropriate receptacle.
- **Use only recommended attachments** – Use of an attachment not recommended or sold by the battery charger or battery pack manufacturer may result in risk of fire, electric shock or personal injury.
- **Unplug charger when not in use** – Make sure to remove battery packs from unplugged chargers.

 **WARNING!** To reduce the risk of electric shock, always unplug the charger before performing any cleaning or maintenance. Do not allow water to flow into the charger.

- **Do not burn or incinerate battery packs** – Battery packs may explode, causing personal injury or damage. Toxic fumes and materials are created when battery packs are burned.
- **Do not crush, drop or damage battery packs** – Do not use the battery pack or charger if they have sustained a sharp blow, been dropped, run over or have been damaged in any way (i.e. pierced with a nail, hit with a hammer, stepped on, etc.).
- **Do not disassemble** – Incorrect reassembly may pose a serious risk of electric shock, fire or exposure to toxic battery chemicals. If the battery or charger are damaged, contact an authorized Snow Joe® + Sun Joe® dealer or call the All Season Power customer service center at 1-866-225-9723 for assistance.
- **Battery chemicals cause serious burns** – Never let a damaged battery pack contact the skin, eyes or mouth. If a damaged battery pack leaks battery chemicals, use rubber or neoprene gloves to safely dispose of it. If skin is exposed to battery fluids, wash the affected area with soap and water and rinse with vinegar. If eyes are exposed to battery chemicals, immediately flush with water for 20 minutes and seek medical attention. Remove and dispose of contaminated clothing.
- **Do not short circuit** – A battery pack will short circuit if a metal object makes a connection between the positive and negative contacts on the battery pack. Do not place a battery

pack near anything that may cause a short circuit, such as paper clips, coins, keys, screws, nails and other metallic objects. A short-circuited battery pack poses a risk of fire and severe personal injury.

- **Store your battery pack and charger in a cool, dry place –**

Do not store the battery pack or charger where temperatures may exceed 113°F (45°C), such as in direct sunlight or inside a vehicle or metal building during the summer.

Information about the battery

1. The battery pack supplied with your cordless trimmer + edger is only partially charged. The battery pack has to be charged completely before you use the tool for the first time.
2. For optimum battery performance, avoid low discharge cycles by charging the battery pack frequently.
3. Lithium-ion batteries are subject to a natural aging process. The battery pack must be replaced at the latest when its capacity falls to just 80% of its capacity when new. Weakened cells in an aged battery pack are no longer capable of meeting the high power requirements needed for the proper operation of your trimmer + edger, and therefore pose a safety risk.
4. Do not throw battery packs into an open fire as this poses a risk of explosion.
5. Do not ignite the battery pack or expose it to fire.
6. Do not exhaustively discharge batteries. Exhaustive discharge will damage the battery cells. The most common cause of exhaustive discharge is lengthy storage or non-use of partially discharged batteries. Stop working as soon as the performance of the battery falls noticeably or the electronic protection system triggers. Place the battery pack in storage only after it has been fully charged.
7. Protect batteries and the tool from overloads. Overloads will quickly result in overheating and cell damage inside the battery housing even if this overheating is not apparent externally.
8. Avoid damage and shocks. Immediately replace batteries that have been dropped from a height of more than one meter or those that have been exposed to violent shocks, even if the housing of the battery pack appears to be undamaged. The battery cells inside the battery may have suffered serious damage. In such instances, please read the waste disposal information for proper battery disposal.
9. If the battery pack suffers overloading and overheating, the integrated protective cutoff will switch off the equipment for safety reasons.

IMPORTANT! Do not press the ON/OFF switch any more if the protective cut-off has been activated. This may damage the battery pack.

10. Use only original battery packs. The use of other batteries poses a fire risk and may result in injuries or an explosion.

Information about the charger and the charging process

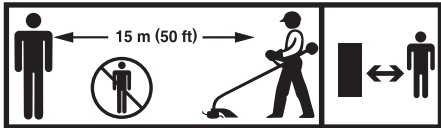
1. Please check the data marked on the rating plate of the battery charger. Be sure to connect the battery charger to a power supply with the voltage marked on the rating plate. Never connect it to a different mains voltage.
2. Protect the battery charger and its cord from damage. Keep the charger and its cord away from heat, oil and sharp edges. Have damaged cords repaired without delay by a qualified technician at an authorized Snow Joe® + Sun Joe® dealer or call the All Season Power customer service center at 1-866-225-9723.
3. Electrical plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded appliances. Unmodified plugs and matching outlets will reduce the risk of electric shock.
4. Keep the battery charger, battery pack and the cordless tool out of the reach of children.
5. Do not use the supplied battery charger to charge other cordless tools.
6. During periods of heavy use, the battery pack will become warm. Allow the battery pack to cool to room temperature before inserting it into the charger to recharge.
7. Do not overcharge batteries. Do not exceed the maximum charging times. These charging times only apply to discharged batteries. Frequent insertion of a charged or partially charged battery pack will result in overcharging and cell damage. Do not leave batteries in the charger for days on end.
8. Never use or charge batteries if you suspect that it has been more than 12 months since the last time they were charged. There is a high probability that the battery pack has already suffered dangerous damage (exhaustive discharge).
9. Charging batteries at a temperature below 41°F (5°C) will cause chemical damage to the cells and may cause a fire.
10. Do not use batteries that have been exposed to heat during the charging process, as the battery cells may have suffered dangerous damage.
11. Do not use batteries that have suffered curvature or deformation during the charging process or those that exhibit other atypical symptoms (gassing, hissing, cracking, etc.).
12. Never fully discharge the battery pack (maximum recommended depth of discharge is 80%). A complete discharge of the battery pack will lead to premature aging of the battery cells.

Protection from environmental influences

1. Wear suitable work clothes. Wear safety goggles.
2. Protect your cordless tool and the battery charger from moisture and rain. Moisture and rain can cause dangerous cell damage.
3. Do not use the cordless tool or the battery charger near vapors and flammable liquids.
4. Use the battery charger and cordless tools only in dry conditions and at an ambient temperature of 41°F – 104°F (5°C – 40°C).
5. Do not keep the battery charger in places where the temperature is liable to reach over 104°F (40°C). In particular, do not leave the battery charger in a car that is parked in the sunshine.
6. Protect batteries from overheating. Overloads, overcharging and exposure to direct sunlight will result in overheating and cell damage. Never charge or work with batteries that have been overheated – replace them immediately, if possible.
7. Store the charger and your cordless tool only in dry locations with an ambient temperature of -50°F – 113°F (-10°C – 45°C). Store your Lithium-ion battery pack in a cool, dry place at a temperature of 77°F (25°C). Protect the battery pack, charger and cordless tool from humidity and direct sunlight. Only place fully charged batteries in storage (charged to at least 40%).
8. Prevent the Lithium-ion battery pack from freezing. Battery packs that were stored below 32°F (0°C) for more than 60 minutes must be discarded.
9. When handling batteries, be wary of electrostatic charge. Electrostatic discharges can damage the electronic protection system and the battery cells. Avoid electrostatic charging and never touch the battery poles.

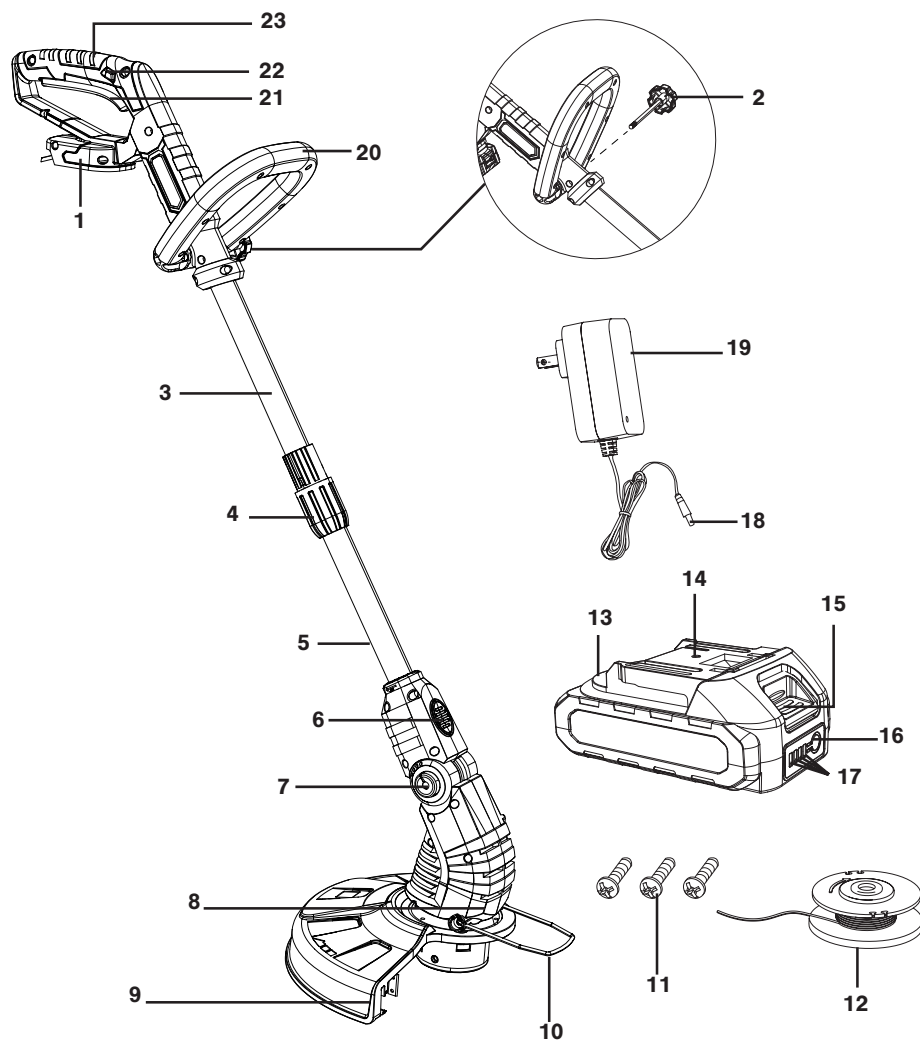
Safety Symbols

The following table 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.

Symbols	Descriptions	Symbols	Descriptions
	READ THE OPERATOR'S MANUAL(S) – Read, understand, and follow all instructions in the user manual(s) before attempting to assemble and operate.		Do not use metal blades.
	SAFETY ALERT – Indicates a precaution, a warning, or a danger.		WARNING! Do not expose the unit to rain or wet conditions.
	WEAR EYE AND HEARING PROTECTION – For protection against injury, wear ear defenders and safety goggles.		Beware of flying objects and debris.
	Wear safety gloves during use to protect hands.		Wear non-slip footwear that will protect your feet and improve your footing on slippery surfaces.
	Indoor use only. Only use battery charger indoors.		Disconnect the battery pack before any repair or maintenance.
 WARNING! Keep bystanders and children a safe distance away. The distance between the machine and bystanders shall be at least 15 m (50 ft).			

Know Your CORDLESS TRIMMER + EDGER

Read the owner's manual and safety instructions carefully before operating the cordless trimmer + edger. Compare the illustration below to the cordless trimmer + edger in order to familiarize yourself with the location of the various controls and adjustments. Save this manual for future reference.



1. Battery compartment
2. Handle knob
3. Telescoping pole
4. Telescopic shaft adjustment knob
5. Lower pole
6. handle locking button
7. Multi-angle head adjustment button
8. Motor housing
9. Safety guard
10. Edger guide + flower guard
11. Screws
12. Trimmer Lines
13. 20V* ECOSHARP® 2.0 Ah Lithium-ion Battery
14. Charge socket
15. Push lock button
16. Charge level button
17. Battery indicators
18. Charger plug
19. 21V* Lithium-ion charger
20. Auxiliary handle
21. On/Off switch
22. Safety button
23. Handle

Technical Data

Motor	180W	Cutting line	Ø1.6mm
Battery Voltage Max*	20V D.C.	No Load Speed	8500 RPM
Battery Capacity	2.0 Ah	Cutting Diameter	12 inch (30.48 cm)
Charger Input	100 – 240V AC, 50/60 Hz, 0.5 A max	Telescoping Pole	36.6 inch to 48.4 inch (93 cm to 123 cm)
Charger Output	21V D.C. $\approx$ 750 mA	Net Weight	5.95 lbs (2.7 kg)
Charge Time Max	3 hrs 30 mins		

Unpacking

Carton Contents

- Grass trimmer + edger
 - Safety guard
 - Auxiliary handle with knob
 - 20V* ECOSHARP® 2.0 Ah Lithium-ion battery
 - 21V* Lithium-ion charger
 - Screws (× 3)
 - 3 m Trimmer lines (× 4)
 - Manual
1. Carefully remove the cordless trimmer + edger and check to see that all of the above items are supplied.
 2. Inspect the product carefully to make sure no breakage or damage occurred during shipping. If you find damaged or missing parts, DO NOT return the unit to the store. Please call the All Season Power customer service center at 1-866-225-9723.
- NOTE:** Do not discard the shipping carton and packaging material until you are ready to use the cordless trimmer + edger. The packaging is made of recyclable materials. Properly dispose of these materials in accordance with local regulations or save the packaging for long-term product storage.

IMPORTANT! The equipment and packaging material are not toys. Do not let children play with plastic bags, foils, or small parts. These items can be swallowed and pose a suffocation risk!

Battery Pack Operation

The equipment is powered by a Lithium-ion battery. The battery pack is completely sealed and maintenance free. There are 4 indicator lights: 25%, 50%, 75%, 100%.

Battery Indicator Lights

The battery features 4 LED indicator lights to show the remaining charge:

- **1 light on** – 25% charge
- **2 lights on** – 50% charge
- **3 lights on** – 75% charge
- **4 lights on** – 100% (fully charged)

NOTE: If the charge level button does not appear to be working, insert the battery into the charger and charge as needed.

NOTE: Immediately after using the battery pack, the charge level button may display a lower charge than it will if checked a few minutes later. The battery cells “recover” some of their charge after resting.

Charger Operation

⚠ WARNING! Charge only 20V* ECOSHARP® 2.0 Ah Lithium-ion battery packs with its compatible 20V* Lithium-ion charger. Other types of batteries may cause personal injury and damage.

To reduce the risk of electric shock, do not allow water to flow into the charger's AC/DC plug.

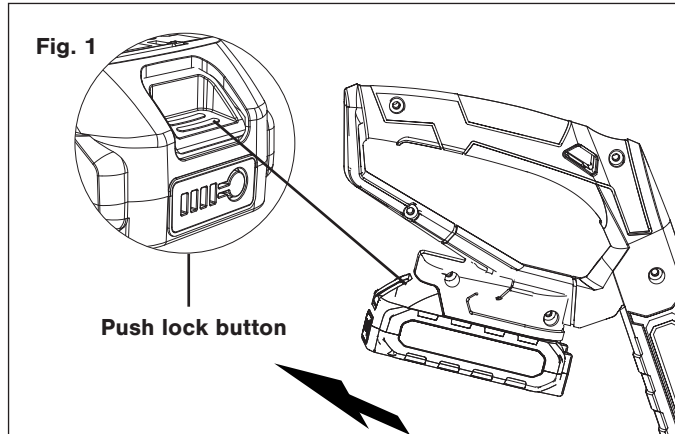
When to Charge the 20V* ECOSHARP® 2.0 Ah Lithium-ion battery

NOTE: The 20V* ECOSHARP® 2.0 Ah Lithium-ion battery packs do not develop a "memory" when charged after only a partial discharge. Therefore, it is not necessary to run down the battery pack before inserting the charger plug.

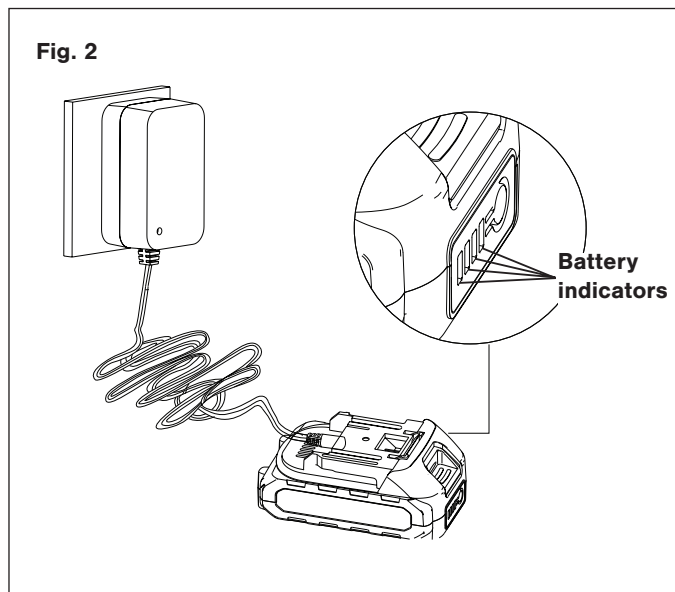
- Use the battery indicator lights to determine when to charge your 20V* ECOSHARP® 2.0 Ah Lithium-ion battery pack.
- You can "top-off" your battery pack's charge before starting a big job or after a long day of use.

Charging the Battery

1. Press the push lock button on the battery to pull the battery pack out of the equipment (Fig. 1).



2. Check that the mains voltage is the same as that marked on the rating plate of the battery charger. Then, plug the charger adapter into an appropriate AC power outlet. Connect the charger plug into the charge socket of the battery to start charging (Fig. 2).



3. The battery will take approximately 3 hrs 30 mins to charge. During the charging process, the indicator light of the charger is red. When the indicator light of the charger turns green, the charger should be unplugged immediately.

CAUTION! FIRE HAZARD. When disconnecting the charger from the battery, be sure to unplug the charger from the outlet first, then disconnect the charger from the battery.

4. Timely recharging of the battery will help prolong the battery's life. You must recharge the battery pack when you notice a drop in the equipment's power.

IMPORTANT! Never allow the battery pack to become fully discharged as this will cause irreversible damage to the battery.

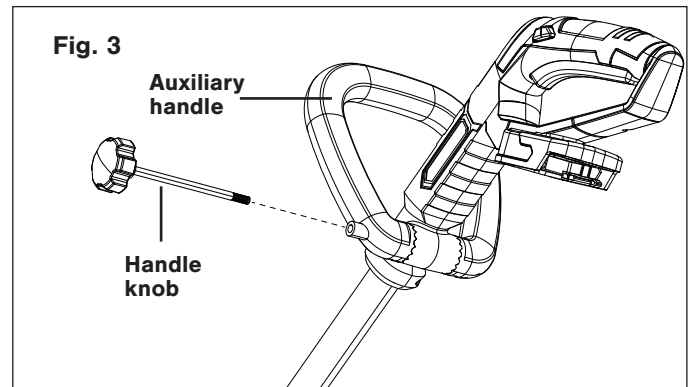
Assembly

Before using the cordless grass trimmer + edger, follow these instructions to assemble.

WARNING! Do not insert the battery until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

Fitting the Auxiliary Handle

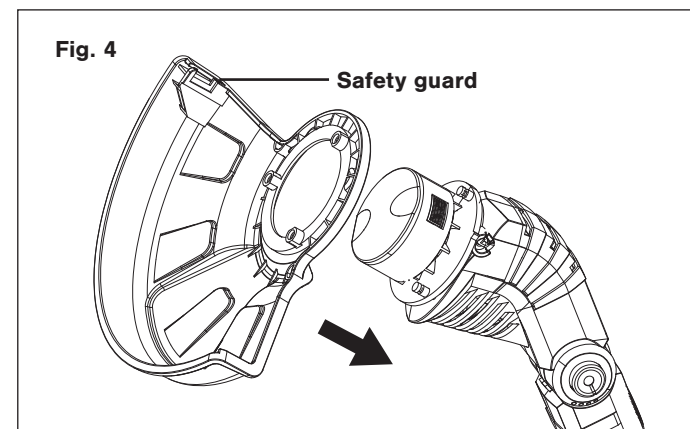
1. Align the handle with the handle base, insert the Handle knob into the opening. Turn the handle knob clockwise to tighten and secure the auxiliary handle in place (Fig. 3).



Fitting the Safety Guard

WARNING! The guard must be properly installed. The guard provides the operator and other bystanders with some protection from thrown objects.

1. Place the safety guard in the direction of the arrow shown to align it with the screw holes in the motor housing (Fig. 4).



NOTE: Never use the tool unless the safety guard is properly fitted.

2. Firmly press the safety guard into place and secure it to the trimmer head with the screws provided (Fig. 5).

Fig. 5

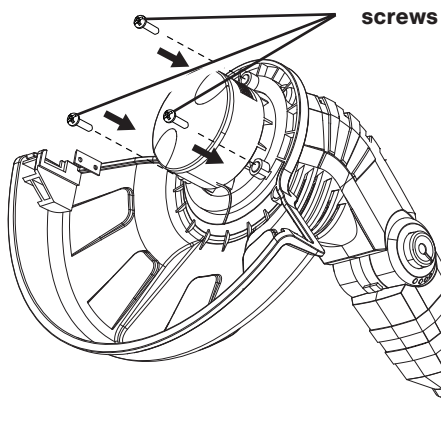
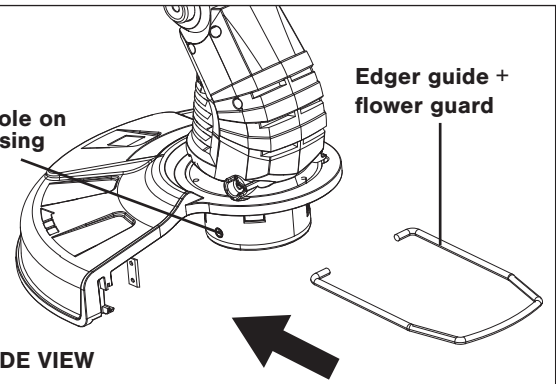


Fig. 8

Small hole on the housing

Edger guide + flower guard

LEFT SIDE VIEW

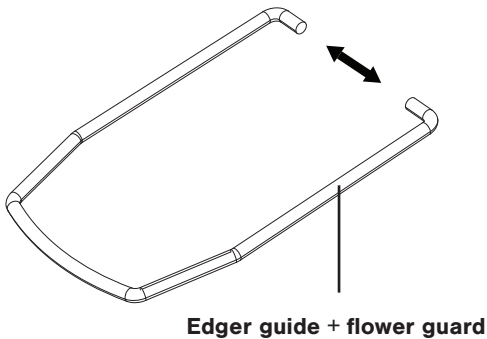


3. The edger guide + flower guard can be flipped up so it stores against the motor housing for convenient storage, when not in use (Fig. 9).

Fitting the Edger Guide + Flower Guard

1. Lightly spread the edger guide + flower guard by hand while approaching the motor housing (Fig. 6).

Fig. 6



2. While lightly spreading the edger guide + flower guard, fit the curved ends into the small holes on both sides of the motor housing, and release (Figs. 7 & 8).

Fig. 7

Edger guide + flower guard

Small hole on the housing

RIGHT SIDE VIEW

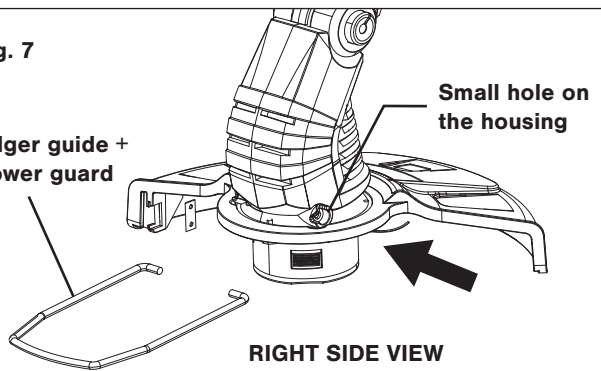
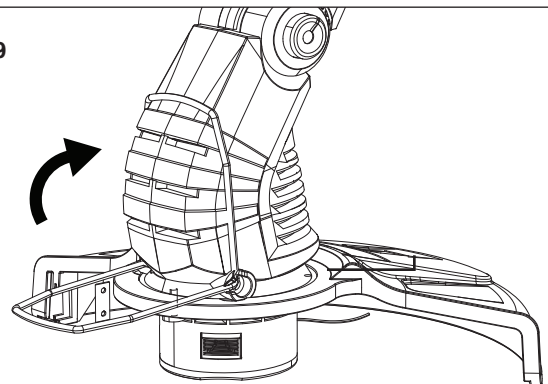


Fig. 9



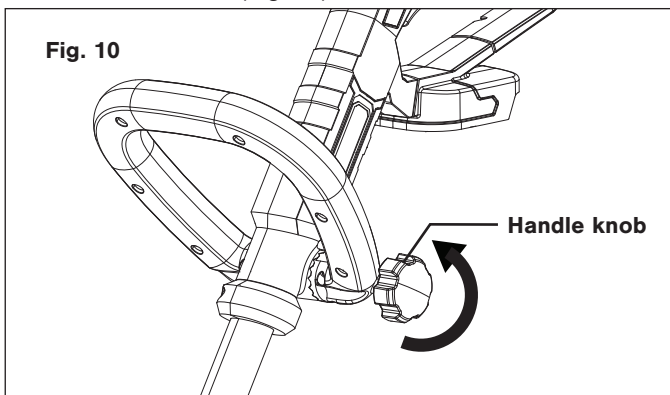
Operation

⚠ WARNING! Do not install the battery until adjustments are completed. Improper compliance may cause unintended startup, leading to severe personal injury.

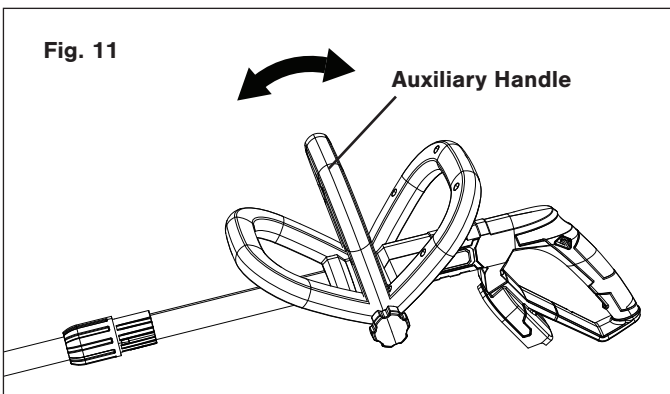
Auxiliary Handle Adjustment

NOTE: For maximum comfort and control, adjust the auxiliary handle to fit your height. Shorter users adjust the auxiliary handle to a lower position (away from your body). Taller users adjust the auxiliary handle to an upper position (towards your body). Make sure your forearm is straight when using the machine.

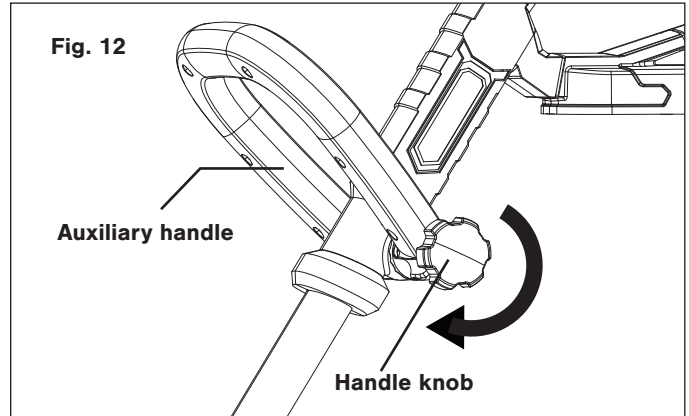
1. Loosen the auxiliary handle by turning the handle knob counterclockwise (Fig. 10).



2. Adjust the auxiliary handle to a comfortable working position (Fig. 11).



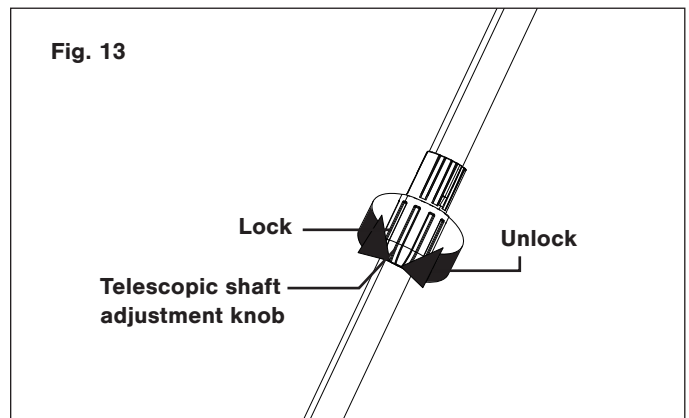
3. Turn the handle knob clockwise to tighten and secure the auxiliary handle in place (Fig. 12).



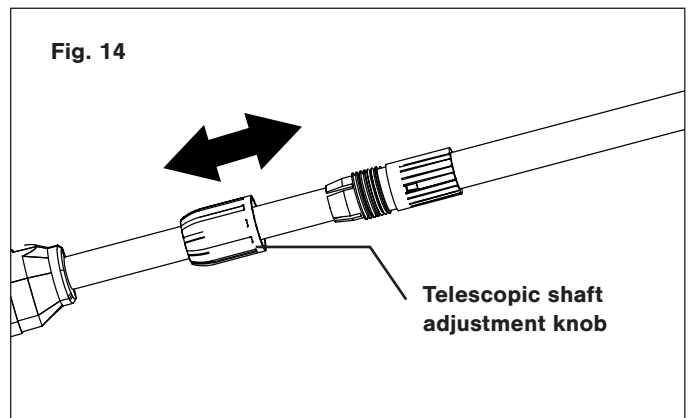
Height Adjustment

Switch off the machine and remove the battery. Wait until the trimmer line comes to a complete stop. The telescoping tube can be extended or shortened for ease of use.

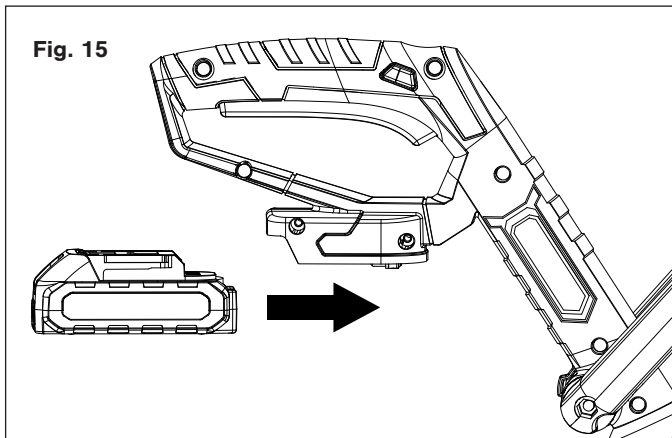
1. Rotate the telescopic shaft adjustment knob as shown to unlock (Fig. 13).



2. Pull and adjust the shaft to a comfortable height (Fig. 14).



3. Tighten the knob to lock the pole.
4. Slide the battery into the battery compartment until it clicks to lock it into position (Fig. 15).



Trimming

- Wear non-slip gloves for maximum grip and protection.
- For the best cutting action against walls, fences, and in high grass, move the grass trimmer slowly so grass is cut with the tip of the high speed nylon line.
- Avoid dragging the grass trimmer and string spool hub in contact with the ground.
- Trim only when grass and weeds are dry.

NOTE: As the weather becomes cooler, the tendency for the nylon line to break becomes greater. **DO NOT USE WHEN TEMPERATURE IS BELOW 50°F (10°C).**

- Cut tall grass from 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:
 - Stop the trimmer.
 - Unplug the string trimmer.
 - Remove the grass.
- Hold the grass trimmer with your right hand on the rear handle and your left hand on the front auxiliary handle. The trimmer + edger should be held at a comfortable position with the rear handle about hip height.

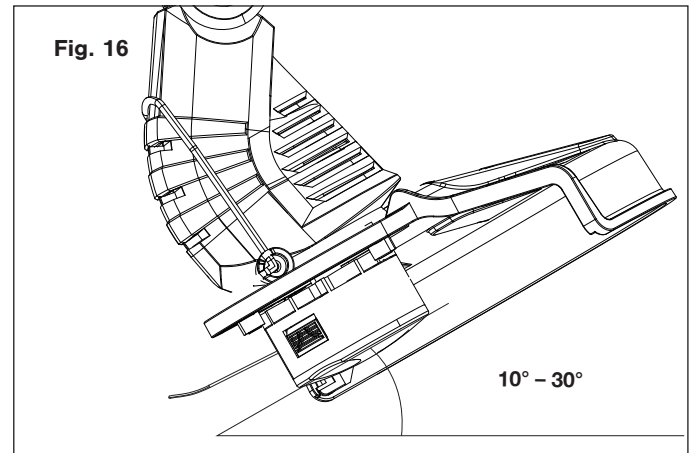
⚠ WARNING! Always hold the trimmer away from body. Any contact with the grass trimmer cutting head while operating can result in serious personal injury.

- The life of your nylon line is dependent upon following instructions for proper use, as well as what is being cut, and where the cutting is being done.

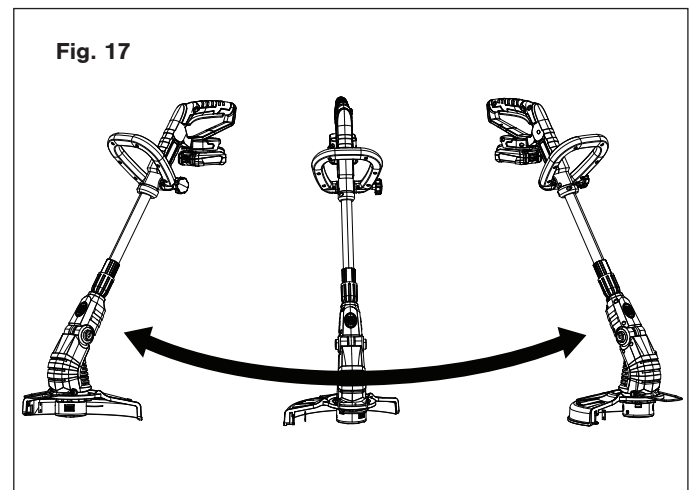
⚠ WARNING! Remove stones, loose pieces of wood, and other objects from the cutting area. The string continues to rotate for a few seconds after switching off the trimmer. Let the motor come to a complete stop before resuming operation. Do not rapidly switch the trimmer off and on.

⚠ CAUTION! Always wear eye protection.

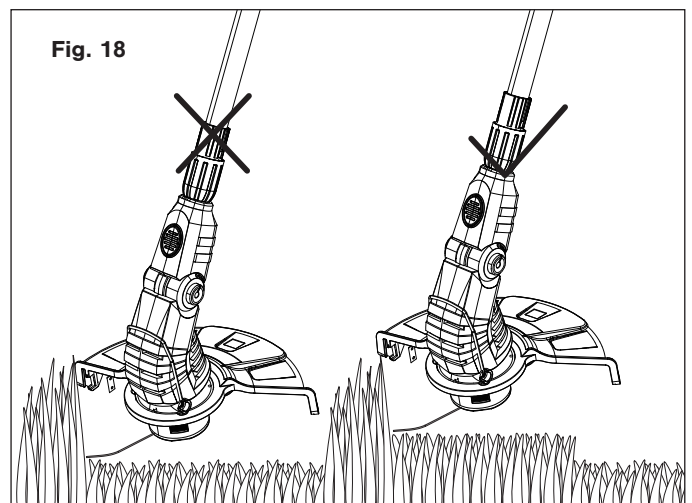
1. Hold the trimmer at an angle of approximately 10 – 30 degrees to the work area (Fig. 16).



2. Slowly swing the trimmer from side to side (Fig. 17).

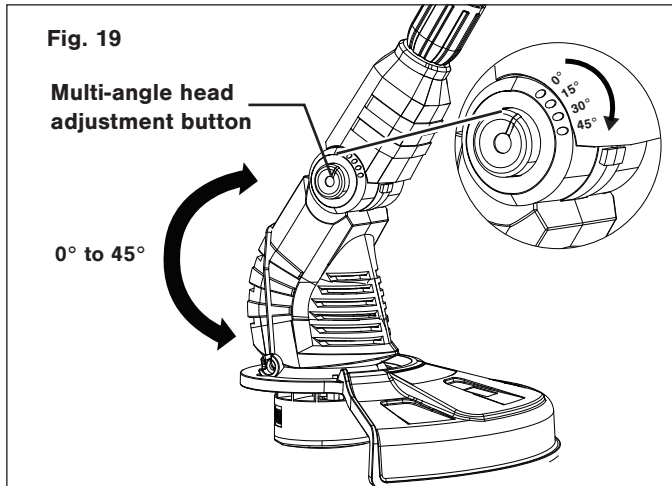


3. Do not overload your trimmer; instead, take small “bites” of grass, working from the top to the bottom. This will keep the machine operating at high speed and will greatly improve its cutting efficiency (Fig. 18).



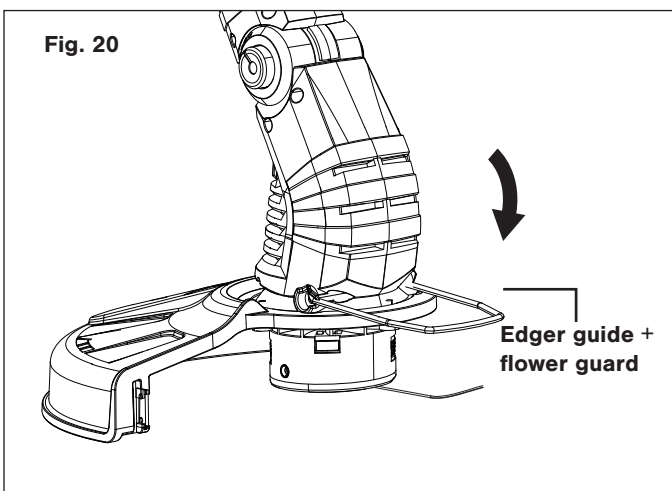
Adjusting Multi-Angle Trimming Head

1. Press the multi-angle head adjustment button to position the trimmer head at four angles: 0°, 15°, 30° and 45°. No digital graduations on the actual unit; the diagram is for indication only (Fig. 19).

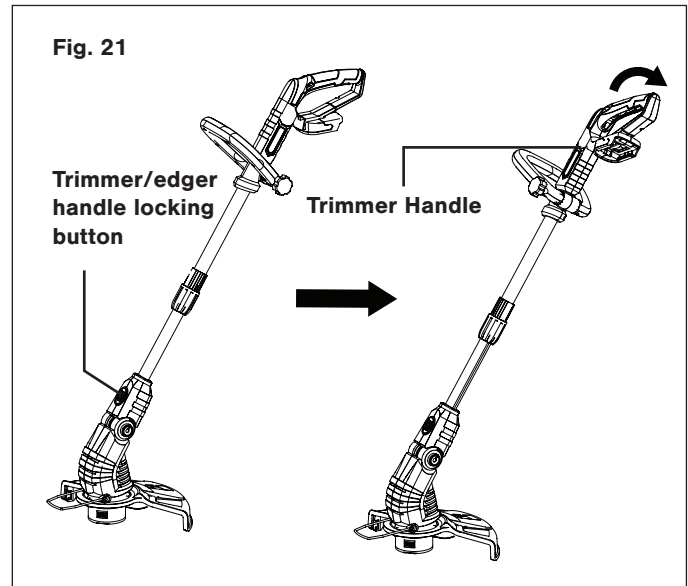


Edging

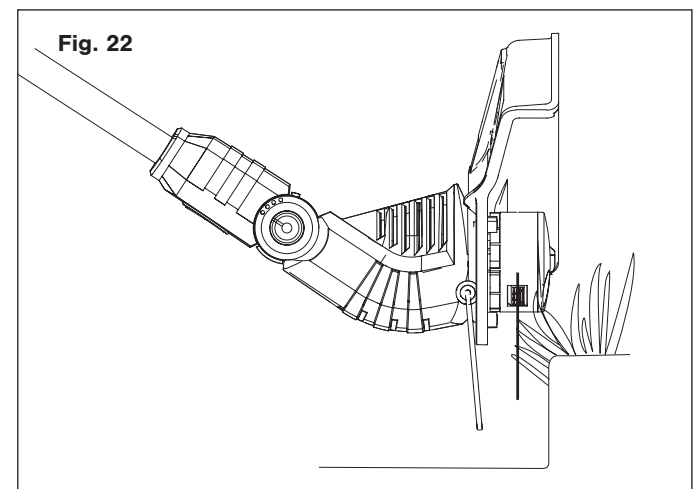
1. To convert for maintenance edging, turn OFF and unplug the tool.
2. To use the edger guide + flower guard, flip it down from its stored position (Fig. 20).



3. Press trimmer/edger handle locking button then turn the trimmer head to 90 degree and release (Fig. 21). The tool is locked in edger mode.



4. Use the edge of the guard as a guide when cutting near fences and walls (Fig. 22).



5. Move the edger in a backwards direction when trimming around edges to avoid damage.

Advancing Strings

NOTE: Your trimmer uses 0.063 in. (1.6 mm) diameter nylon line to cut grass and weed quickly and easily. In time, the tip of the nylon line will become worn and the auto-feed mechanism will automatically feed and trim a fresh length of line. The cutting line will wear faster if the cutting is done along sidewalks or other abrasive surfaces or heavier weeds are being cut.

The trimmer + edger is equipped with an auto-feed head. Bumping the head to try to advance the string will damage trimmer.

1. With the unit running, release the ON/OFF switch trigger.
2. Wait two seconds, and press the ON/OFF switch trigger.

NOTE: The strings will extend approximately 1/4 in. with each stop and start of the switch trigger until the strings reach the length of the safety guard.

3. Resume the trimming + edging.

⚠ WARNING! Do not operate the grass trimmer + edger in a tree, on a ladder, or on a scaffold; this is extremely dangerous.

⚠ WARNING! Do not bump the unit on ground in attempt to feed line or for any other purpose.

Maintenance

⚠ WARNING! Make sure to remove the battery from your cordless grass trimmer + edger before inspecting its parts.

⚠ WARNING! Always wear protective gloves during maintenance tasks. Do not carry out maintenance when the motor is running or hot.

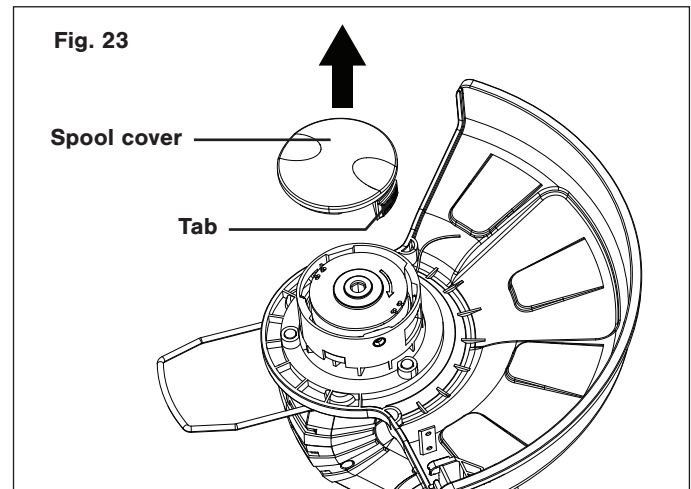
- Your trimmer line can dry out over time. To keep your line in top condition, store spare pre-wound spools or bulk line in a plastic resealable bag with a tablespoon of water.
- Never use water or chemical cleaners to clean your grass trimmer + edger. Wipe it clean with a dry cloth.
- Plastic parts may be cleaned by using mild soap and a damp rag.
- Always store your grass trimmer + edger in a dry place. Do not allow any liquid to get inside it.
- Keep the motor ventilation slots clean.
- If you see some sparks flashing in the ventilation slots, this is normal and will not damage your power tool.

IMPORTANT! To ensure product safety and reliability, repairs, maintenance, and adjustments to this power tool should be performed only with identical replacement parts. Contact your authorized Snow Joe® + Sun Joe® dealer or call the All Season Power customer service center at 1-866-225-9723 for assistance.

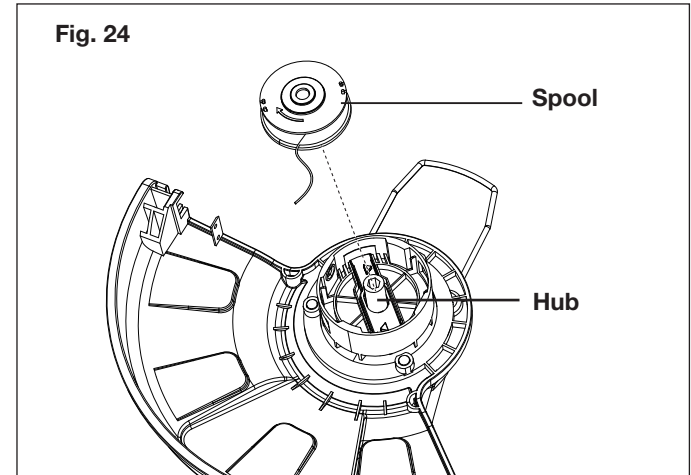
Replacing the Spool + Clearing Jams and Tangled Lines

⚠ WARNING! Remove the battery before changing the trimmer line.

1. Press together both release tabs on the line spool cover and remove the cover by pulling it straight off (Fig. 23).

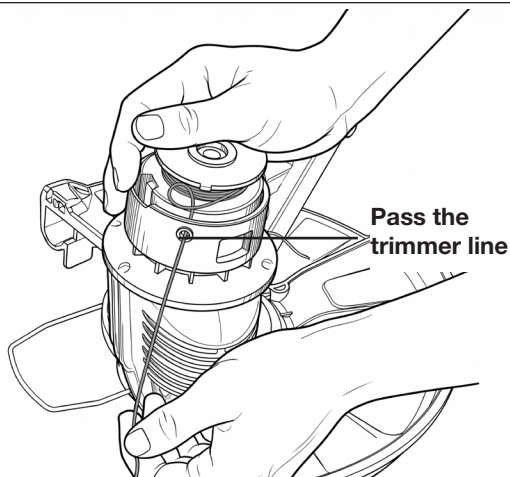


2. Lift and remove the spool out of the hub (Fig. 24) and clean out any dirt or grass residue.



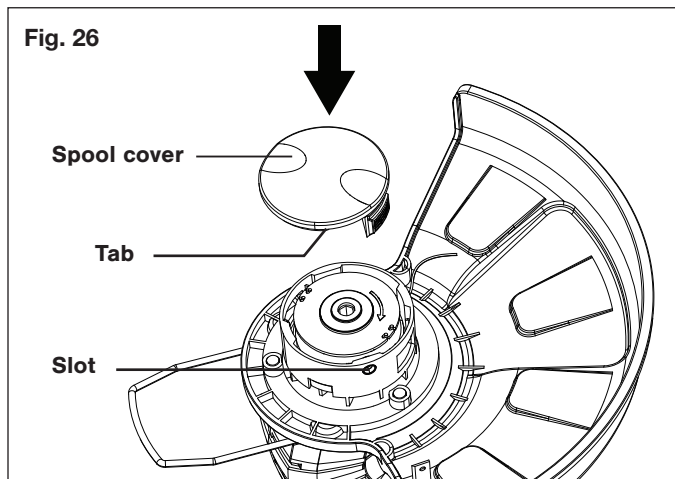
3. In case of jams or tangled line, unwrap about 6 inches (15 cm) of line to ensure that it's not damaged.
4. Pass the trimmer line through the exit slot, then align and press the spool onto the hub until it clicks into place. Ensure the line is free of tangles before securing the cover. (Fig. 25).

Fig. 25



5. Reinstall the spool cover by depressing the release tabs into their slots in the hub, and push down until the spool cover clicks into place. (Fig. 26).

Fig. 26



6. Reinsert the battery and turn the tool on. In a few seconds, you will hear the line being cut automatically to the proper length.

Maintenance

⚠ WARNING! Before performing any maintenance task, turn off the machine and remove the battery.

⚠ WARNING! Always wear protective gloves during maintenance tasks. Do not carry out maintenance when the motor is running or hot.

- Regular cleaning and maintenance of you grass trimmer + edger will ensure efficiency and prolong the life of your machine.
- After each cutting operation, take apart and clean out the grass and soil from the whole trimmer + edger and guard.
- During operation, keep the air vents clean and free from grass.
- Only use a cloth soaked with hot water and a soft brush to clean the grass trimmer + edger.
- Do not spray or wet the appliance with water.
- Do not use detergents or solvents as these could ruin the trimmer. The plastic parts can easily be damaged by chemical agents.
- For repairs which have not been explained in these instructions, contact an authorized service center at 1-866-225-9723.

IMPORTANT! Repairs, maintenance, and adjustments to this power tool should be performed only by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained. Contact your authorized Snow Joe® + Sun Joe® dealer or call the All Season Power customer service center at 1-866-225-9723 for assistance.

Proper Care for Battery + Charger

⚠️ WARNING! To reduce the risk of injury, always unplug the charger and remove the battery pack from the charger before performing any maintenance task. Never disassemble the battery pack or charger. Contact your Snow Joe® + Sun Joe® dealer or the All Season Power customer service center for ALL repairs.

1. To reduce the risk of injury and damage, never immerse your battery pack or charger in liquid or allow any liquid to flow inside these components.
2. Clean out dust and debris from charger vents and electrical contacts by blowing with compressed air.
3. Use only a soft, clean and dry brush to clean the battery pack and charger, keeping away from all electrical contacts. Certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia. Never use flammable or combustible solvents around battery packs, battery chargers or tools.

Storage

Follow these recommendations for storing the grass trimmer + edger.

- Clean the grass trimmer + edger thoroughly before storing.
- Store the trimmer + edger in a stable and safe location out of the reach of children. Keep the trimmer + edger in a dry place where the temperature is not too hot or too cold.
- Do not store the grass trimmer + edger resting against the floor. Hang it by the upper handgrip so that the guard does not touch anything. If the guard rests against a surface, its shape and dimensions could be permanently altered, and could render the machine unsafe to use.

Battery + Charger Off-Season Storage

1. Do not expose your battery pack or charger to water, rain or allow them to get wet. This could permanently damage the charger and the battery pack. Do not use oil or solvents to clean or lubricate your battery pack as the plastic casing can become brittle and crack, causing a serious risk of injury.
2. Store the battery pack and charger at room temperature away from moisture. Do not store in damp locations where corrosion of terminals may occur. As with other battery pack types, permanent capacity loss can result if the pack is stored for long periods of time at high temperatures (over 120°F/49°C).

Battery Caution + Disposal

Always dispose of your battery pack according to federal, state, and local regulations. Contact a recycling agency in your area for recycling locations.

⚠️ CAUTION! Even discharged battery packs contain some energy. Before disposing, use electrical tape to cover the terminals to prevent the battery pack from shorting, which could cause a fire or explosion.

⚠️ WARNING! To reduce the risk of injury or explosion, never burn or incinerate a battery pack even if it is damaged, dead or completely discharged. When burned, toxic fumes and materials are emitted into the surrounding atmosphere.

1. Batteries vary according to device. Consult your manual for specific information.
2. Install only new batteries of the same type in your product (where applicable).
3. Failure to insert batteries in the correct polarity, as indicated in the battery compartment or manual, may shorten the life of the batteries or cause batteries to leak.
4. Do not mix old and new batteries.
5. Do not mix Alkaline, Standard (Carbon-Zinc) or Rechargeable (Nickel Cadmium, Nickel Metal Hydride, or Lithium-ion) batteries.
6. Do not dispose of batteries in fire.
7. Batteries should be recycled or disposed of as per state and local guidelines.

Service + Support

If your Sun Joe® X20-TRIM-2A cordless grass trimmer + edger requires service or maintenance, please call the All Season Power customer service center at 1-866-225-9723.

Model + Serial Numbers

When contacting the company, reordering parts, or arranging service from an authorized dealer, you will need to provide the model and serial numbers, which can be found on the decal located on the housing of the unit. Copy these numbers into the space provided below.

Record the following numbers from the housing or handle of your new product:														
Model #:														
X	2	0	-	T	R	I	M	-	2	A				
Serial #:														

Federal Communications Commission (FCC)

⚠ WARNING! Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Class B device:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

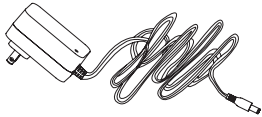
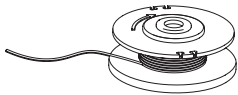
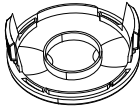
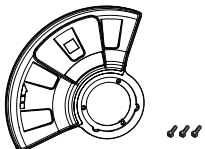
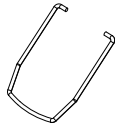
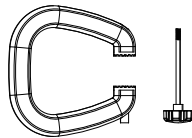
However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Optional Accessories

⚠ WARNING! ALWAYS use only authorized Snow Joe® + Sun Joe® replacement parts and accessories. NEVER use replacement parts or accessories that are not intended for use with this cordless trimmer + edger. Contact All Season Power if you are unsure whether it is safe to use a particular replacement part or accessory with your cordless trimmer + edger. The use of any other attachment or accessory can be dangerous and could cause injury or mechanical damage.

Accessories	Item	Model
	20V ECOSHARP® 2.0 Ah Lithium-ion Battery	20V-BATT-2A
	21V Lithium-ion Charger	CZRW2200750U
	3 m Trimmer Lines (×4)	X20-TRIM-LINE
	Spool Cover	X20-TRIM-SPOOL-CVR
	Safety Guard + Screws (3)	X20-TRIM-GUARD-KIT
	Edger Guide + Flower Guard	X20-TRIM-EDGE-KIT
	Auxiliary Handle with Knob	X20-TRIM-HANDLE

NOTE: Accessories are subject to change without any obligation on the part of All Season Power to provide notice of such changes. Accessories can be ordered online at shopjoe.com or via phone by contacting the All Season Power customer service center at 1-866-225-9723.

Troubleshooting

Most difficulties are easy to fix. Consult the troubleshooting table for common problems and their solutions. If you continue to experience problems or need repairs beyond these minor adjustments, please call 1-866-225-9723 for assistance.

⚠️ WARNING! Always remove the battery before performing any adjustments, maintenance or repairs to your cordless grass trimmer + edger.

Problem	Possible Cause	Solution
Grass trimmer + edger does not start	a) Battery charge is low b) Battery is not fully seated in compartment c) Battery is overheated d) Safety button not being held while pressing trigger	a) Charge the battery fully before use; confirm all 4 LED indicators are lit b) Remove and firmly reinsert the battery until it clicks into place; inspect battery connection prongs for damage c) Allow the battery to cool to room temperature before use d) Press and hold the safety button first, then squeeze the trigger to start e) If the unit still does not start after all checks, contact All Season Power at 1-866-225-9723
Grass trimmer + edger vibrates excessively	a) Trimmer head or string spool is clogged with grass or debris b) Spool is damaged, cracked, or incorrectly seated	a) Remove the spool cover and spool; clean all slots and carefully remove any trapped grass and debris b) Inspect the spool for damage; replace if cracked or worn c) Ensure the spool is properly aligned and seated on the hub before replacing the cover d) If vibration persists, contact an authorized dealer or call All Season Power at 1-866-225-9723
Unit runs for a few seconds or minutes then stops	a) Battery not fully charged b) Battery or motor overheated; thermal protection cutoff triggered c) Spool housing clogged with grass or debris d) Motor overloaded from cutting thick or heavy grass	a) Recharge the battery fully; confirm all 4 LED indicators are lit before use b) Allow the unit and battery to cool to room temperature before restarting; do not press ON/OFF repeatedly after cutoff triggers – this may damage the battery c) Remove spool cover and clean all grass and debris from the spool housing d) Trim cutting line so it just reaches the line trimming blade; work in smaller passes from top to bottom
Trimmer line not advancing / auto-feed not working	a) Line is tangled or jammed inside the spool b) Line has dried out and fused together c) Spool is empty d) Spool cover is not fully seated	a) Remove spool cover and spool; unwrap approximately 6 inches (15 cm) of line to clear the jam; ensure line is tangle-free before reinstalling b) Remove spool and separate any fused line; store spare line in a sealed bag with a small amount of water to prevent drying c) Replace with a new pre-wound spool or rewind with 0.063 in. (1.6 mm) diameter nylon line d) Press spool cover down firmly until both release tabs click into place e) Do NOT bump the unit on the ground to advance line – this will damage the trimmer

Problem	Possible Cause	Solution
Trimmer line breaks frequently or will not hold	a) Ambient temperature is below 50°F (10°C) b) Excessive contact with abrasive surfaces (sidewalks, concrete, brick) c) Incorrect line diameter being used d) Line dried out from improper storage	a) Do not use the trimmer when temperature is below 50°F (10°C); nylon line becomes brittle in cold weather b) Use only the tip of the line to cut near hard surfaces; minimize dragging the full line length along abrasive edges c) Use only 0.063 in. (1.6 mm) diameter nylon replacement line — do not substitute other sizes or types d) Store spare line or pre-wound spools in a sealed bag with a small amount of water to keep the line pliable
Motor stops when switching to edger mode	a) Trimmer head not fully locked into 90° edger position b) Spool housing clogged; motor struggling under load c) Battery connection disrupted during head rotation	a) Press and hold the trimmer/edger head locking button firmly while rotating the head; rotate fully to 90° and release until it clicks into place b) Remove spool cover and clean out all grass and debris before switching to edger mode c) Ensure the battery is fully seated and connections are secure; remove and reinsert the battery then retry d) Flip the edger guide + flower guard down from its stored position before use in edger mode
Smoke coming from motor / unit stopped after smoking	a) Motor ventilation slots blocked by grass or debris b) Motor overloaded or overheated c) Internal component damage	a) Stop use immediately and remove the battery b) Do not attempt to restart — continued use after smoking can cause permanent damage or injury c) Ensure all motor ventilation slots are clear of grass clippings and debris before any further use d) Contact All Season Power at 1-866-225-9723 before attempting further use; unit may require service or replacement under warranty
Battery not charging	a) Charger not properly connected b) Battery or charger exposed to moisture c) Battery stored more than 12 months without charging d) Battery temperature outside safe charging range	a) Ensure the charger plug is fully inserted into the battery charge socket and the charger is plugged into a working AC outlet b) Do not charge in wet or damp conditions; inspect charger and battery for moisture or corrosion damage c) If the battery has not been charged in over 12 months, it may have suffered irreversible damage and should be replaced d) Charge only within the safe temperature range of 41°F – 104°F (5°C – 40°C); bring battery to room temperature before charging
Telescoping pole slips or will not lock	a) Telescopic shaft adjustment knob is not fully tightened b) Knob or shaft area is dirty or worn	a) Rotate the telescopic shaft adjustment knob firmly in the lock direction until fully secure b) Clean the adjustment knob and shaft area of any grass or dirt buildup c) If slipping persists after tightening, contact All Season Power at 1-866-225-9723

Only a company specialist may be able to correct faults that cannot be rectified with the aid of this table. Please call the All Season Power customer service department at 1-866-225-9723.



OUR CUSTOMER PROMISE + LIMITED WARRANTY

ABOVE ALL ELSE, All Season Power, LLC (“All Season Power”) is dedicated to you, our customer. We strive to make your experience as pleasant as possible. Unfortunately, there are times when a Snow Joe®, Sun Joe®, Aqua Joe® or Auto Joe® product (“Product”) does not work or breaks under normal operating conditions. We think it’s important that you know what you can expect from us. That’s why we have a Limited Warranty (“Warranty”) for our Products.

OUR WARRANTY:

All Season Power warrants new, genuine, powered and non-powered Products to be free from defects in material or workmanship when used for ordinary household use for a period of one year from the date of purchase or delivery by the original, end-user purchaser when purchased from All Season Power or from one of All Season Power’s authorized sellers with proof of purchase. Because All Season Power is unable to control the quality of its Products sold by unauthorized sellers, unless otherwise prohibited by law, this Warranty does not cover Products purchased from unauthorized sellers. If you have any questions about how to buy from an authorized seller, chat with us at shopjoe.com/support or call us at **1-866-225-9723**. If your Product does not work or there’s an issue with a specific part that is covered by the terms of this Warranty, All Season Power will elect to either (1) send you a free replacement part, (2) replace the Product with a new or comparable product (which may include a refurbished, like-new product) at no charge, or (3) repair the Product. How cool is that!

PRODUCT REGISTRATION:

All Season Power strongly encourages you to register your Product. You can register online at shopjoe.com/register, by chatting with us at shopjoe.com/support or calling our Customer Service Department at **1-866-225-9723**. Failure to register your Product will not diminish your warranty rights. However, registering your Product will allow All Season Power to better serve you with any of your customer service needs.

WHO CAN SEEK LIMITED WARRANTY COVERAGE:

This Warranty is extended by All Season Power to the original purchaser and original owner of the Product.

WHAT IS NOT COVERED?

This Warranty does not apply if the Product has been used commercially or for non-household or rental applications. This Warranty also does not apply if the Product was purchased from an unauthorized seller. This Warranty also does not cover cosmetic changes that do not affect performance. Wearing parts like belts, augers, chains and tines are not covered under this Warranty, and can be purchased at shopjoe.com or by calling 1-866-225-9723.



We encourage you to use **CERTIFIED AUTHENTIC** Snow Joe®, Sun Joe®, Aqua Joe® + Auto Joe® replacement parts + accessories. Damage caused by the use of any other parts + accessories on your Product will not be covered under the warranty. Genuine parts + accessories can be found and purchased here by entering the model number of your product.

When you register your powered or non-powered Product with All Season Power at shopjoe.com/register, you will receive an additional 90 days of warranty coverage. In addition, you will have the option of purchasing extended warranty coverage beyond the standard 1-year manufacturer’s warranty. Choose from two, three, or four years of extended coverage through Extend, Inc. Additional charges apply. When you Go With Joe®, you’re not just buying an extended warranty; you’re buying total peace of mind to know that you can rely on our top-notch tools, top-tier customer support, complete product coverage + no hassle return policy. Chat with us at shopjoe.com/support or call us at **1-866-225-9723** 7 days a week 10AM-6PM EST. We’ve got you covered!

There are no warranties which extend beyond those stated herein. **ANY IMPLIED WARRANTIES THAT MAY BE APPLICABLE TO PRODUCTS, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.** Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

UNDER NO CIRCUMSTANCES SHALL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES BASED UPON BREACH OF THIS LIMITED WARRANTY, BREACH OF CONTRACT OR STRICT LIABILITY. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion 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. This warranty supersedes those printed in product manuals.



IMPORTANT NOTICE ABOUT YOUR RIGHTS - PLEASE READ

ARBITRATION AGREEMENT

THIS ARBITRATION AGREEMENT ("AGREEMENT") SHALL GOVERN THE MANNER BY WHICH ANY CLAIMS AGAINST US REGARDING THIS PURCHASE AND/OR USE OF OUR PRODUCTS SHALL BE RESOLVED. THIS AGREEMENT SETS FORTH IMPORTANT LEGAL RIGHTS. PLEASE READ THIS AGREEMENT CAREFULLY.

BY PURCHASING OUR PRODUCTS FROM US OR ANY THIRD PARTY, YOU UNDERSTAND AND AGREE THAT ANY DISPUTE BETWEEN YOU AND US CONCERNING SUCH PRODUCT SHALL BE SETTLED BY BINDING INDIVIDUAL ARBITRATION IN ACCORDANCE WITH THE TERMS OF THIS AGREEMENT AND AS SUCH YOU WAIVE YOUR RIGHT TO PARTICIPATE IN OR REPRESENT A CLASS OF CONSUMERS IN SUCH DISPUTES. IF YOU DO NOT AGREE WITH THESE TERMS, YOU MUST RETURN THE PRODUCT WITHIN (30) DAYS OF YOUR RECEIPT OF THIS PRODUCT.

GOVERNING LAW; ASSENT

This Agreement shall be governed by the Federal Arbitration Act, 9 U.S.C. §§ 1 et seq., and, to the extent state law is applicable, the laws of the State of Delaware, without regard to conflict of laws principles. By retaining the Product beyond thirty (30) days from the date of receipt, you acknowledge that you have read, understood, and agreed to be bound by this Agreement. If you do not agree to this Agreement, you must return the Product within thirty (30) days of receipt for a full refund of the purchase price.

I. RESOLUTION BY BINDING ARBITRATION.

Any Claim or dispute between you and us, or any of our subsidiaries or affiliates, agents or representatives arising out of or relating in any way to the Product or this Agreement shall be resolved through final, binding arbitration. This arbitration obligation applies regardless of whether the claim or dispute involves a tort, fraud, misrepresentation, product liability, negligence, violation of a statute, or any other legal theory. You specifically acknowledge and agree that you waive your right to bring a lawsuit based on such claims or disputes and to have such lawsuit resolved by a judge or jury. Notwithstanding the foregoing, either party may seek emergency injunctive or other equitable relief from a court of competent jurisdiction solely to prevent irreparable harm pending arbitration, without waiving any right to arbitration of the underlying dispute.

II. WAIVER OF CLASS PARTICIPATION.

All arbitrations under this Agreement shall be conducted on an individual (and not a class-wide) basis, and an arbitrator shall have no authority to award class-wide relief. You acknowledge and agree that this Agreement specifically prohibits you from commencing arbitration proceedings as a representative of others or joining in any arbitration proceedings brought by any other person. You also acknowledge and agree that you are giving up your right to serve as a representative, as a private attorney general, or in any other representative capacity, and/or to participate as a member of a class of claimants in any lawsuit filed against us and/or related third parties.

III. ARBITRATION PROCEDURES.

A. Before commencing any arbitration proceedings under this Agreement, you must first present the claim or dispute to us by calling our Representative toll free at 1-866-225-9723 and providing all requested information. You may be required to provide us with a written statement setting forth the nature of your claim or dispute. We shall have forty-five (45) days from the receipt of such call (or written statement) to resolve such claim or dispute ("Resolution Period"). If your claim or dispute is not resolved within the Resolution Period, you may commence arbitration proceedings in accordance with the terms of this Agreement.

B. The arbitration of any claim or dispute under this Agreement shall be conducted pursuant to the AAA Consumer Arbitration Rules then in effect ("AAA"). These rules and procedures are available by calling the AAA or by visiting its web site at www.adr.org.

C. The arbitrator shall not conduct class arbitration; that is, the arbitrator shall not allow you to serve as a representative, as a private attorney general, or in any representative capacity for others in the arbitration.

D. The arbitration of any claim or dispute under this Agreement shall be conducted in New York County, New York State; provided, however, that for claims of \$25,000 or less, you may elect to conduct the arbitration by telephone or videoconference, in which case no in-person appearance shall be required.

E. MASS ARBITRATION. If twenty (20) or more similar claims are filed against us within any ninety (90) day period ("Mass Filing"), the AAA shall administer the Mass Filing in a coordinated proceeding. The AAA shall select up to ten (10) claims to serve as bellwether proceedings, which shall be resolved first. The results of the bellwether proceedings shall not be binding on remaining claimants but may be used by the parties to facilitate resolution. No additional claims in the Mass Filing shall be administered or arbitrated while the bellwether proceedings are pending. All applicable statutes of limitations shall be tolled during any period of abeyance under this section. This provision shall not limit your individual right to arbitration.

F. ALTERNATE ADMINISTRATOR. If the AAA is unable or unwilling to administer a claim under this Agreement, JAMS, Inc. ("JAMS") shall serve as the arbitration administrator pursuant to its Consumer Arbitration Minimum Standards then in effect, available at www.jamsadr.com.

IV. COSTS.

All administrative expenses of the arbitration proceedings commenced under this Agreement shall be as follows:

A. If the claim or dispute that is the subject of the arbitration proceedings is less than five thousand dollars (US \$5,000), your financial responsibility for the administrative costs shall not exceed One Hundred Dollars (\$100);

B. If the claim or dispute that is the subject of the arbitration proceedings is between five thousand dollars (US \$5,000) and fifty thousand dollars (US \$50,000), your financial responsibility for administrative costs shall not exceed Three Hundred Dollars (\$300); and

C. If the claim or dispute that is the subject of the arbitration proceedings exceeds \$50,000, your financial responsibility for administrative costs shall be in accordance with the Commercial Fee Schedule provided by the AAA.

D. Each party shall pay the fees and costs of its own counsel, experts and witnesses.

V. SMALL CLAIMS.

If a claim is within the jurisdiction of a small claims court, either party may choose to take the claim to that court instead of arbitration. Any dispute that cannot be adjudicated within the jurisdiction of a small claims tribunal shall be resolved by binding arbitration as described in and in accordance with the terms of this Agreement. Any appeal of a judgement from a small claims tribunal shall be resolved by binding arbitration under the terms of this Agreement.

VI. SEVERABILITY.

If any provision of this Agreement is declared or found to be unlawful, unenforceable or void, such provision will be ineffective only to the extent that it is found unlawful, unenforceable or void, and the remainder of the provision and all other provisions shall remain fully enforceable.

All Season Power LLC
794 School House Road
New Castle, DE 19720

Implemented: January 2026

