



**OPERATOR'S MANUAL**

A Division of Snow Joe®, LLC

## **2-IN-1 CORDLESS TELESCOPING GRASS SHEAR + HEDGE TRIMMER**

7.2-V LITHIUM-ION

**Model HJ605CC-RM**

Form No. SJ-HJ605CC-RM-880E-V1

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## IMPORTANT! Safety Instructions

### All Operators Must Read These Instructions Before Use

Always follow these safety guidelines. Failure to do so may result in serious bodily injury or death.

### General Safety WARNINGS!

Notice the personal safety alert symbol  used in this manual to draw your attention to a WARNING given along with the particular operating instruction. This means that the operation requires special **ATTENTION**, **CAUTION**, and **AWARENESS**.

When using this power tool, basic safety precautions, including the following, should always be followed to reduce the risk of fire, electric shock, personal injury and material damage.

**⚠️WARNING!** This unit can be dangerous! Careless or improper use can cause serious injury.

**⚠️WARNING!** The rotating blades can cut you. Keep hands and feet away from the blades and the cutting area.

Retain this manual for future reference and reread it at the start of each trimming season.

**⚠️WARNING!** This battery-operated power tool must be recharged only with the specific charging unit for the battery. A charging unit that may be suitable for one type of battery may create a risk of fire when used with another battery type.

- Avoid accidental starting.
- When the tool is not in use, keep it away from other metal objects.
- Before operating the tool, read the entire manual carefully and make sure you know how to switch the tool OFF in an emergency.

### Work Area Safety

1. **Keep work area clean and well lit.** Cluttered and dark areas invite accidents.
2. **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, liquid or fumes.

3. **Keep bystanders and children away.** All bystanders, including children and pets, should be kept a safe distance away from the work area.

### Electrical Safety

1. If the battery charger cable is damaged, please call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).
2. If charging the power tool in a damp location is unavoidable, use a residual current device (RCD) protected power supply. The using of an RCD reduces the risk of electric shock.
3. **Power tool plugs must match the outlet. Never modify the plug in any way.** Do not use any earthed (grounded) power tools or battery chargers. Unmodified plugs and matching outlets will reduce risk of electric shock.
4. **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.
5. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
6. **Do not abuse the charging cord.** Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
7. Battery charger is for indoor use only. Only charge this battery-powered tool indoors.

### Personal Safety

1. **Stay alert. Watch what you are doing and use common sense when operating a power tool.** Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
2. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce the possibility of personal injuries.
3. **Avoid unintentional starting.** Ensure all switches are in the OFF position before connecting to the power source/ battery charger/telescoping pole, or before picking up or

carrying the tool. Carrying power tools with your finger on the switch or charging power tools with the switch ON can lead to accidents.

4. **Remove any adjusting key or wrench before starting the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
5. **Do not overreach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
6. **Dress properly.** Do not wear loose clothing or jewelry. Dangling articles such as these can become caught in moving parts. Using rubber gloves and substantial footwear is recommended when working outdoors. Wear a protective hair covering to contain long hair.
7. **Use dust-reducing equipment (e.g. dust masks) when available.** Using these devices can greatly reduce dust-related hazards.

## Power Tool Use and Care

1. **Do not force the appliance.** It will do the job better with less likelihood of injury if it is used at the rate for which it was designed.
2. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled by the switch is dangerous and must be repaired.
3. **Disconnect the battery pack from the power tool before making any adjustments, changing accessories or storing the power tool.** Such preventative safety measures reduce the risk of starting the power tool accidentally.
4. **Store idle appliances indoors.** When not in use, appliances should be stored indoors in a dry and high or locked-up place out of the reach of children.
5. **Maintain appliance with care.** 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.
6. **Keep cutting blades sharp and clean.** Properly maintained cutting blades with sharp edges are less likely to bind and are easier to control.
7. **Use the power tool and accessories in accordance with these instructions and in the manner intended for the particular use of the power tool, taking into account the working conditions and the work to be performed.** Using the power tool for operations different from those intended could result in a hazardous situation.
8. **Keep all parts of the body away from the cutter blade.** Do not remove cut material or hold material to be cut when blades are moving. Make sure the switch is off when clearing jammed material. A moment of inattention while operating the product may result in serious personal injury.

9. **Carry the product by the handle with the cutter blade stopped.** When transporting or storing the product always fit the cutting device cover. Proper handling of the product will reduce possible personal injury from the cutter blades.
10. **Hold the power tool by insulated gripping surfaces only,** because the cutter blade may contact hidden wiring. Cutter blades contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
11. **Check the hedge for foreign objects before operation,** e.g. wire fences. Take care that the cutting device does not come into contact with wire or other metal objects.
12. **Hold the product properly,** e.g. with both hands if two handles are provided. Loss of control can cause personal injury.

## Service

1. **If your power tool requires service, contact an authorized Snow Joe® + Sun Joe® dealer or call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).** Only identical replacement parts should be utilized for repairs. This will ensure that the safety of the power tool is maintained.
2. If the battery charger cable is damaged, it must be immediately replaced to avoid a hazard. Contact the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563) for assistance.

## Battery Safety Warnings

This manual contains important safety and operating instructions for your battery and charger.

1. Before using the charging, thoroughly read all instructions and cautionary markings on the charger, the telescoping pole, and the cordless grass shear + hedge trimmer.

**⚠ WARNING!** If the grass shear + hedge trimmer housing is cracked or damaged, do not insert the charging adaptor into the power tool or plug the power tool into the mains outlet. There is a danger of electric shock or electrocution.

2. This charger is **ONLY** intended to charge this rechargeable battery. Any other use poses a risk of fire, electric shock or electrocution.
3. Do not place any object on top of the charger or place the charger on a soft surface that may result in excessive internal heat. Keep the charger away from any heat source.
4. To reduce the risk of damaging the electric plug and cord, pull the plug, not the cord, when disconnecting the charger from the electric outlet.
5. Make sure the battery charging cable is located in a safe place so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.

6. An extension cord should not be used unless absolutely necessary. Using an improper extension cord poses a risk of fire, electric shock or electrocution.
7. Do not operate the charger if it has received a sharp blow or has become damaged in any way. Contact the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563) before continuing use.
8. Do not disassemble the charger. If the charger requires service or repair, contact an authorized Snow Joe® + Sun Joe® dealer or call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563). Incorrect reassembly poses a risk of electric shock, electrocution or fire.
9. To reduce the risk of electric shock, unplug the charger from the outlet before cleaning the unit.
10. Never attempt to connect two (2) chargers together.
11. DO NOT store or use the tool and battery pack in locations where the temperature may reach or exceed 104 °F (40 °C). Dangerous storing locations include outdoor sheds or metal buildings in the summer.
12. The charger is designed to operate on standard household electrical power (120 V). Do not attempt to use it with any other voltage!

**NOTE:** The integrated battery is not fully charged out of the carton. Read the safety instructions and then follow the charging notes and procedures.













13. The longest life and best performance can be obtained if the integrated battery is charged when the air temperature is between 64.4 °F – 75.2 °F (18 °C – 24 °C). Do not charge the battery pack when the air temperature falls below 50 °F (10 °C) or above 104 °F (40 °C). Following these safety measures will prevent damage to the battery pack.
14. Do not incinerate the integrated battery even if it is seriously damaged or completely worn out. The battery can explode in a fire.
15. Battery chemicals cause serious burns – Never let a damaged battery pack contact the skin, eyes or mouth. Under abusive conditions, liquid may be ejected from the battery; avoid contact. Liquid ejected from the battery may cause irritation or burns. 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.

## Grass Shear + Hedge Trimmer Safety Warnings

**This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, 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.**

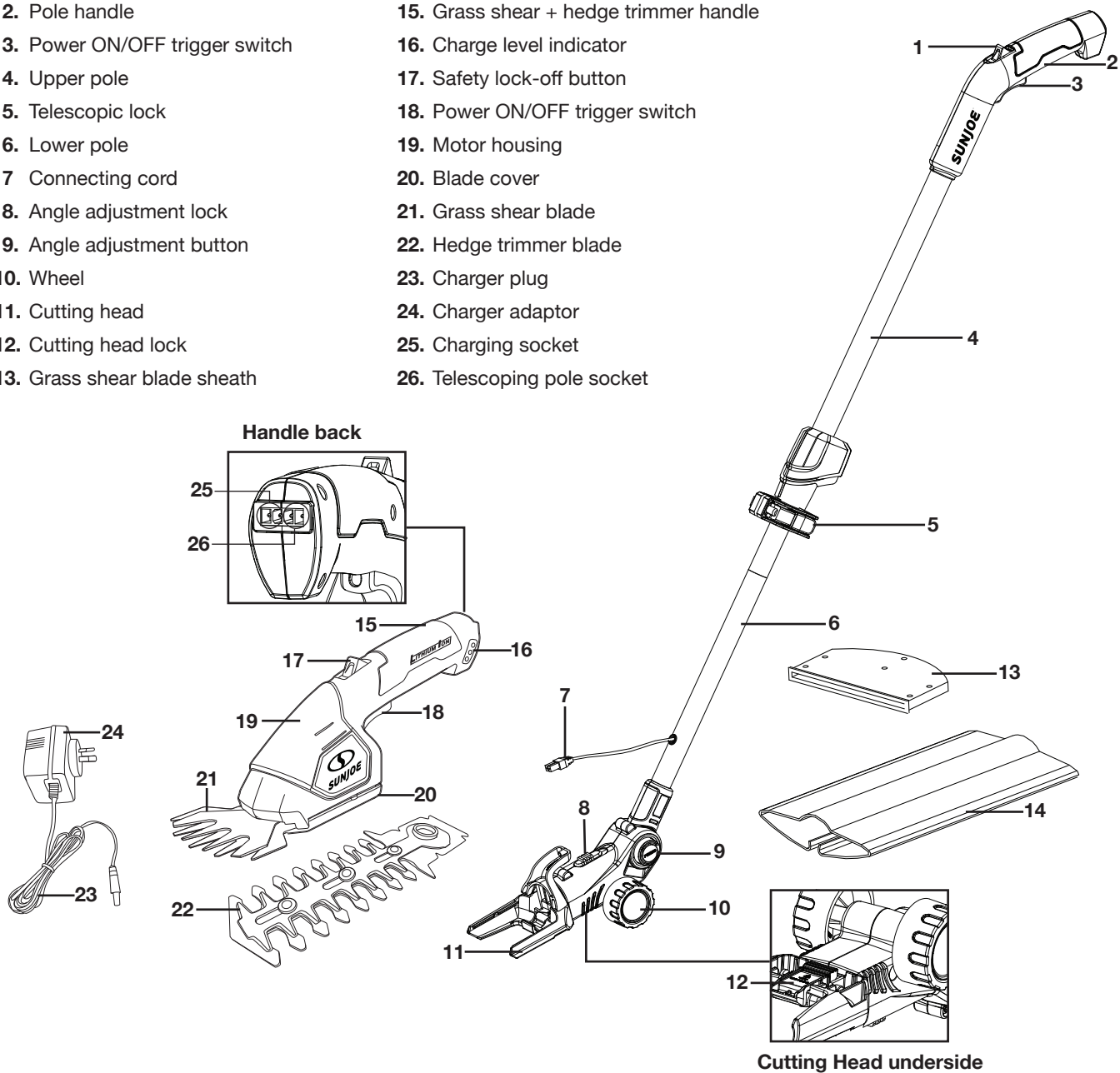
# Safety Symbols

The following table depicts and describes safety symbols that may appear on this product. Read, understand and follow all instructions on this tool before attempting to assemble and operate.

Symbols	Descriptions	Symbols	Descriptions
	<b>READ THE OPERATOR'S MANUAL(S)</b> – Read, understand and follow all instructions in the user manual(s) before attempting to assemble and operate.		<b>SAFETY ALERT</b> – Indicates a precaution, a warning or a danger.
	<b>WARNING!</b> Do not expose the unit to rain or wet conditions. Keep dry.		Battery charger contains a safety transformer.
	Wear protective gloves and non-slip footwear when using the machine and handling debris.		Wear protective, slip-resistant footwear during operation to protect feet.
	Only use battery charger indoors.		Risk of Injury. Use safety glasses, hearing protection and dust mask.
	Thrown objects and rotating blade can cause severe injury.		Keep bystanders a safe distance away from the work area.
	<b>DANGER!</b> Keep hands away from blades.		<b>WARNING!</b> The cutting attachment continues to move after the motor is switched OFF.

# Know Your Cordless Grass Shear + Hedge Trimmer

- |                                |  |
|--------------------------------|--|
| 1. Safety lock-off button      | 14. Hedger trimmer blade sheath        |
| 2. Pole handle                 | 15. Grass shear + hedge trimmer handle |
| 3. Power ON/OFF trigger switch | 16. Charge level indicator             |
| 4. Upper pole                  | 17. Safety lock-off button             |
| 5. Telescopic lock             | 18. Power ON/OFF trigger switch        |
| 6. Lower pole                  | 19. Motor housing                      |
| 7. Connecting cord             | 20. Blade cover                        |
| 8. Angle adjustment lock       | 21. Grass shear blade                  |
| 9. Angle adjustment button     | 22. Hedge trimmer blade                |
| 10. Wheel                      | 23. Charger plug                       |
| 11. Cutting head               | 24. Charger adaptor                    |
| 12. Cutting head lock          | 25. Charging socket                    |
| 13. Grass shear blade sheath   | 26. Telescoping pole socket            |



## Technical Data

Charger Input.....	100 – 125 V ~ 50/60 Hz	Cutting Head Rotates.....	180°
Charger Output.....	9 V $\overline{\text{---}}$ 0.4 A	No Load Speed .....	1,250 $\pm$ 10% rpm
Battery Voltage* .....	7.2 V	Battery Runtime Max.....	40 min
Battery Capacity .....	1.5 Ah	Charging Time Max .....	5 hours
Grass Shear Blade Cutting Length.....	4 in. (10.2 cm)	Pole Length .....	47.2 in. – 51.2 in. (120 cm – 130 cm)
Hedge Trimmer Blade Cutting Length..	6 in. (15.2 cm)	Weight .....	4 lbs (1.8 kg)
Cutting Diameter .....	0.3 in. (8 mm)		

\*Initial no-load voltage, when fully charged, peaks at 8.4 volts; nominal voltage under typical load is 7.2 volts



# Unpacking

## Carton Contents

- Cordless grass shear + hedge trimmer
- Telescoping pole assembly
- Hedge trimmer blade
- Hedge trimmer blade cover
- Grass shear blade
- Grass shear blade cover
- Charger
- Manual with registration card

1. Carefully remove the cordless grass shear + hedger trimmer 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 Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

**NOTE:** Do not discard the shipping carton and packaging material until you are ready to use your new cordless grass shear + hedge trimmer. The packaging is made of recyclable materials. Properly dispose of these materials in accordance with local regulations.

**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!

## Assembly

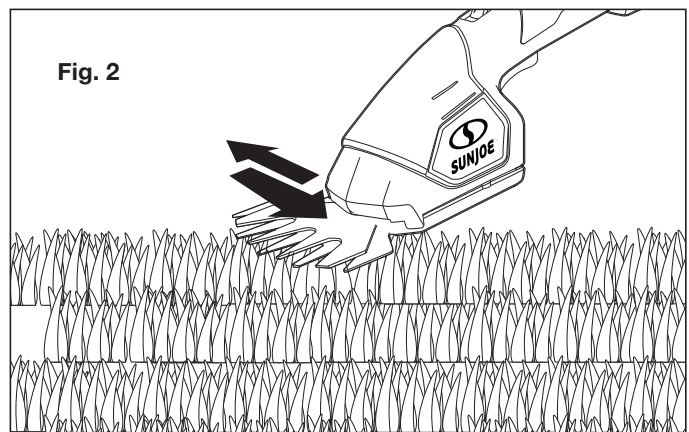
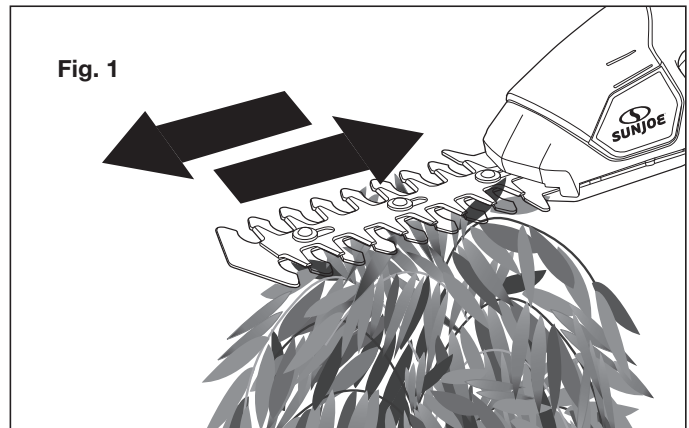
This cordless grass shear + hedge trimmer comes completely assembled with the grass shear blade pre-installed.

**⚠CAUTION!** Wear protective gloves before handling the blades.

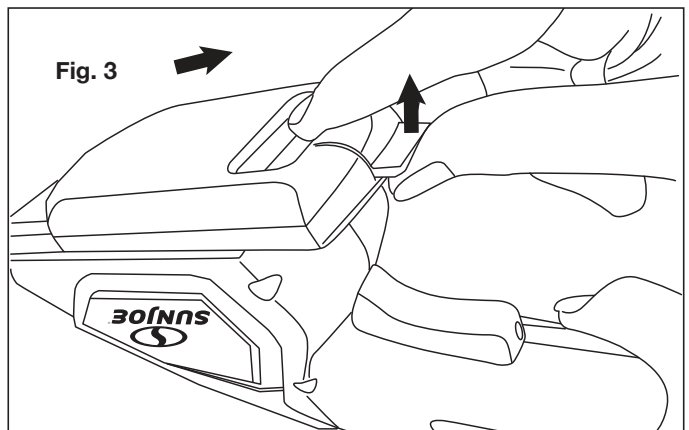
**⚠WARNING!** Make sure the unit is powered off before handling the blades.

## Fitting and Changing the Blades

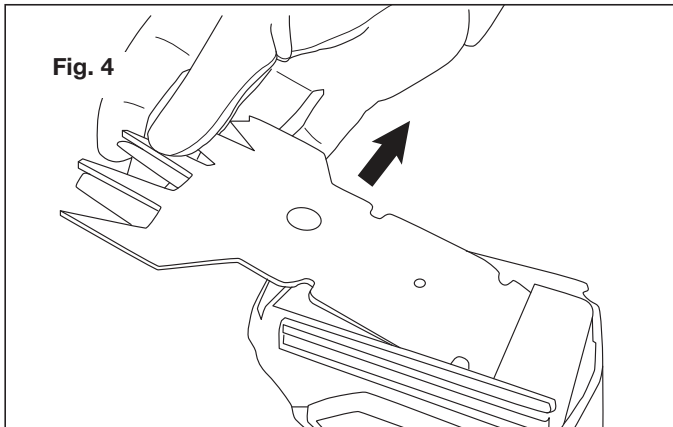
The grass shear + hedge trimmer is equipped with two interchangeable blades that are designed for do-it-yourself grooming projects around your garden. The hedge trimmer blade is used to cut hedges and shrubs (Fig. 1) while the grass shear blade is used to cut grass and hedges where finer detail is required (Fig. 2).



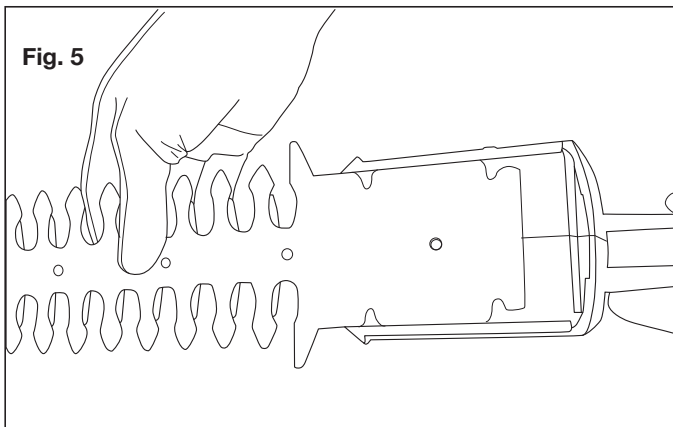
1. To fit or change the blade, place the grass shear + hedge trimmer on a hard surface. Turn the unit upside down in one hand and use the other hand to gently lift the tab of the blade cover. Slide the tab back until the cover can be removed (Fig. 3).



2. Gently remove the blade by lifting the end tip of the blade off of the grass shear + hedge trimmer unit (Fig. 4).

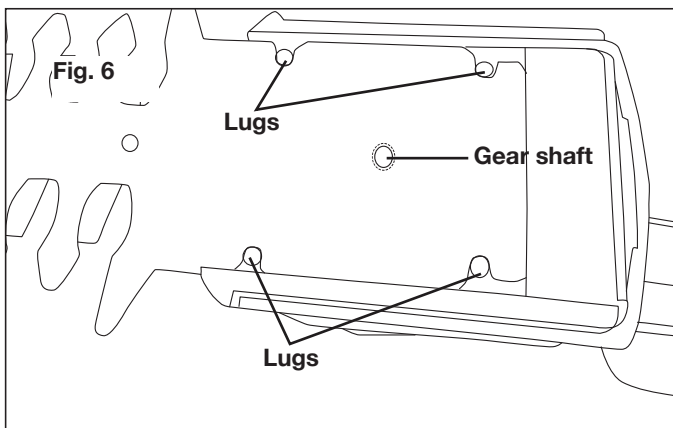


3. Insert the desired blade into the base of the motor housing (Fig. 5).

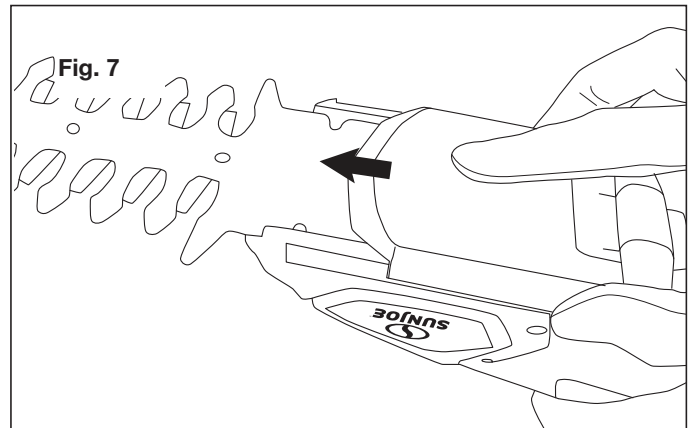


**NOTE:** You may need to manually move the blade or gear shaft in order to align the gear shaft with the gear in the center of the unit.

4. Align the gear shaft in the middle of the blade with the gear in the middle of the unit. Align four lugs so that the blade lays flat against the housing for a secure fit (Fig. 6).



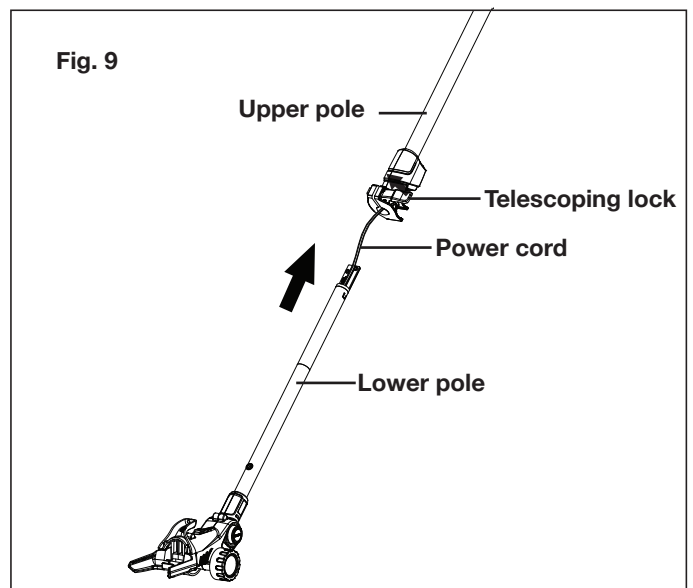
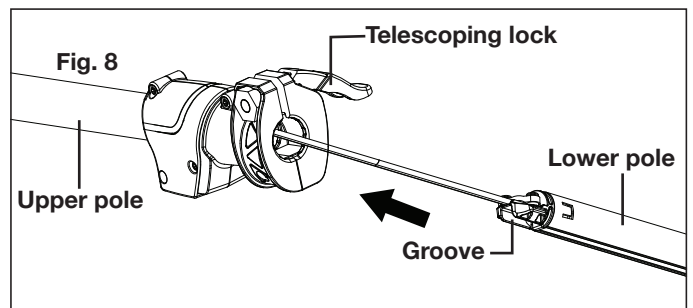
5. Once the blade is in position, replace the blade cover by aligning the cover with the slots on the base of the motor housing and push forward on the blade cover until it slides and clicks into place (Fig. 7).



**NOTE:** If you have any questions, please call the Snow Joe® + Sun Joe® customer service department at 1-866-SNOWJOE (1-866-766-9563) for assistance.

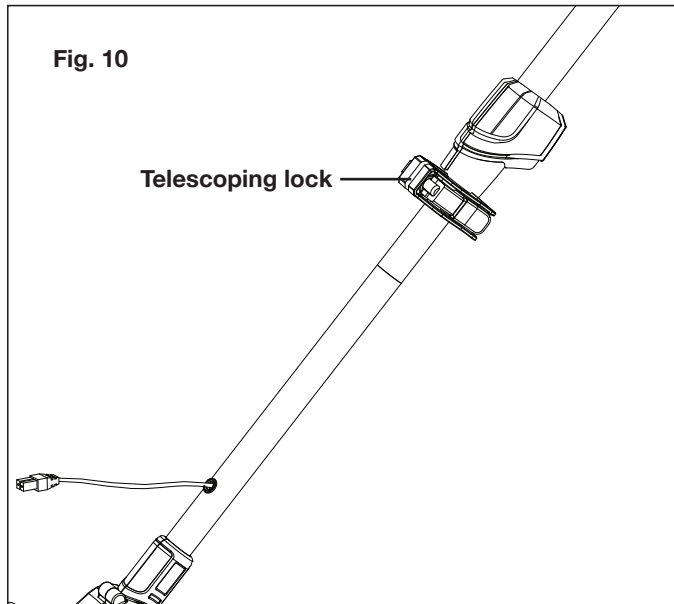
## Telescoping Pole Assembly (Optional)

1. Unlock the telescoping lock by flipping it up (open), and insert the lower pole into the upper pole. Make sure the groove in the end of the lower pole is facing the opposite direction of the telescoping lock. Keep the power cord inside of the pole tubes (Figs. 8 – 9).





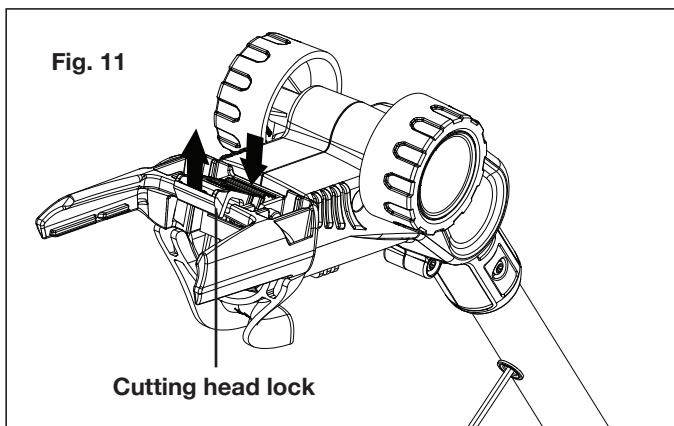
2. When the pole reaches the desired length, latch the telescoping lock by pushing it back down (Fig. 10).



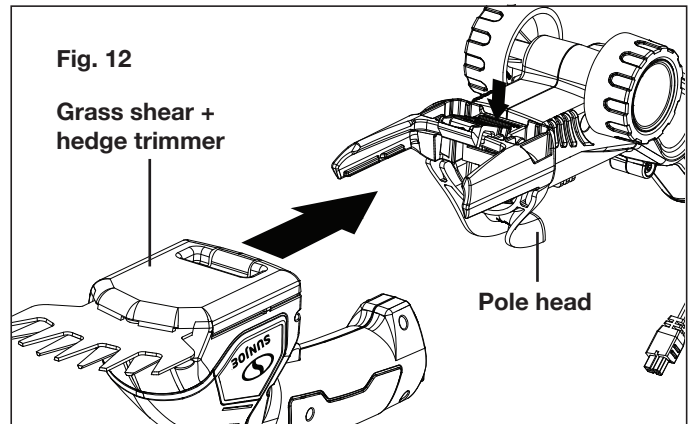
## Attaching the Telescoping Pole (Optional)

**⚠WARNING!** Make sure the power ON/OFF switches in both the unit and the telescoping pole are in OFF position before attaching the telescoping pole.

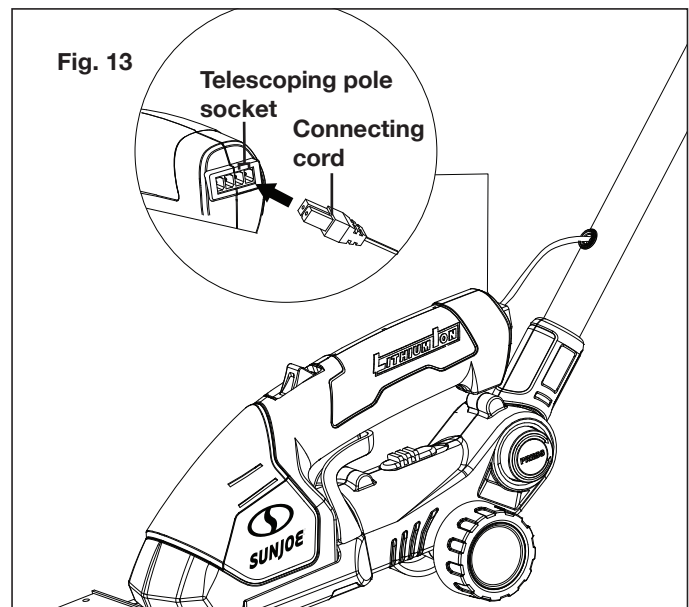
1. Turn the telescoping pole upside down. Press the end of the cutting head lock; the front part of the lock will go up (Fig. 11).



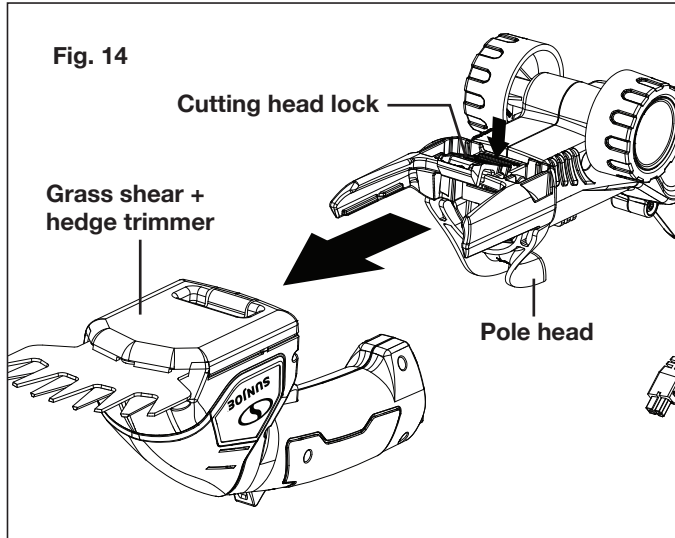
2. While pressing the cutting head lock, align the grass shear + hedge trimmer with the pole head, and insert the grass shear + hedge trimmer into the opening of the pole head. Release the cutting head lock when the grass shear + hedge trimmer fits into place (Fig. 12).



3. Insert the connecting cord into the telescoping pole socket on the handle of the grass shear + hedge trimmer (Fig. 13).



4. To disconnect the grass shear + hedge trimmer from the telescoping pole, unplug the connecting cord from the telescoping pole socket, and remove the grass shear + hedge trimmer from the pole head while pressing the cutting head lock (Fig. 14).



## Before Using

### Charging Procedure

The battery charger supplied matches the lithium-iON battery installed in the tool. Do not use other battery chargers. The lithium-iON battery is protected against deep discharging. When the battery is empty, a protective circuit will automatically switch OFF the machine. The blade will no longer move and a slight whistling sound will be heard.

Charge the battery for 3 to 5 hours then use it until it runs down (i.e. the tools starts to operate slowly). Recharge for 3 to 5 hours again before resuming operation.

**⚠WARNING!** Continued and excessive overuse of the ON/OFF trigger switch can permanently damage the lithium-iON battery.

**⚠CAUTION!** This charger does not automatically turn off when the battery is fully charged. Please take care not to leave the grass shear + hedge trimmer plugged into the charger. Switch off or unplug the charger at the mains when charging is complete.

**NOTE:** The charge level indicator LED light will illuminate red when the charger is plugged in and is charging the grass shear + hedge trimmer. The middle LED light will turn green when the grass shear + hedge trimmer is fully charged.

The charging process starts as soon as the charger is plugged into both the proper electrical outlet and the tool.

- During the charging procedure, the handle of the tool will feel slightly warm to the touch. This is normal.
- When no further use is planned for an extended period of time, disconnect the battery charger from the outlet and the unit.

- Do not use the tool during the charging procedure.

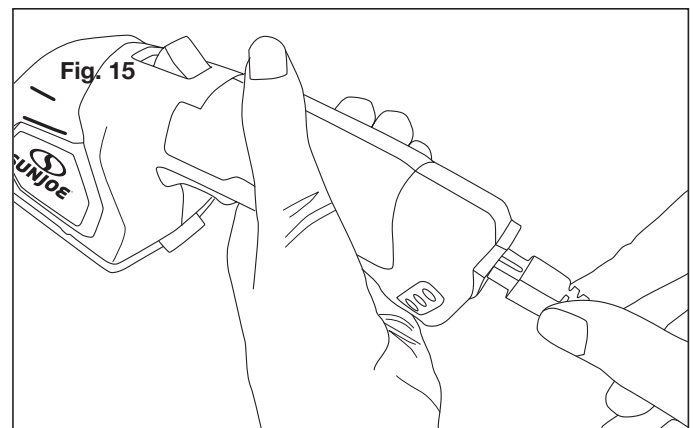
## Battery Charging

The length of service between each charging varies depending on the type of work you are doing. The battery in this grass shear + hedge trimmer has been designed to provide maximum trouble-free life. However, like all batteries, it will eventually wear out. To obtain the longest possible battery life, we suggest the following:

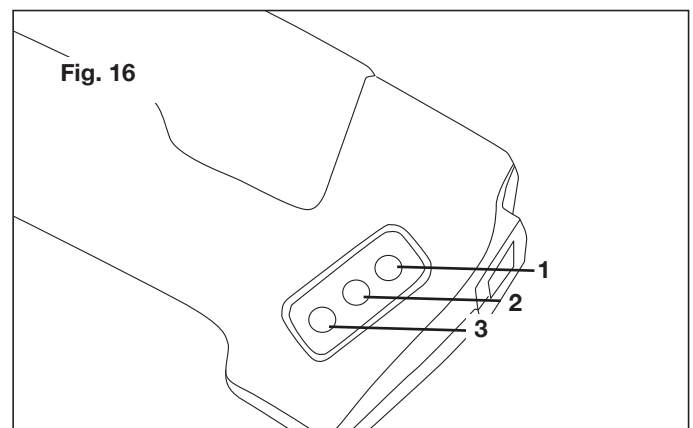
- Store and charge your grass shear + hedge trimmer in a cool area. Temperatures above or below normal room temperature will shorten battery life.
- Never store the grass shear + hedge trimmer with the battery in a discharged condition. Recharge the unit immediately after it is discharged.
- All batteries gradually lose their charge. The higher the temperature is, the faster they lose their charge. If you store your grass shear + hedge trimmer for long periods of time without using it, recharge the battery every 6 months. This will extend battery life.

**NOTE:** The grass shear + hedge trimmer has been shipped in a low charge condition and should be fully charged before use.

1. Plug the charger adaptor into an appropriate AC power outlet. Connect the AC adaptor charger plug into the charging socket of the grass shear + hedge trimmer (Fig. 15).



2. LED no.1 will illuminate red when charging. LED's 2 and 3 will not illuminate when charging (Fig. 16).



3. The battery will take approximately 3 hours to charge. Charging may take up to 5 hours due to the level of charge left in the battery and the ambient temperature.

**NOTE:** A charge level indicator LED light will always be illuminated when the charger is plugged in and the mains power is turned on. The charge indicator indicates the charge status of the grass shear + hedge trimmer as shown below:

Condition	Colour of LED's	LED's Illuminated
Charging	Red	1- Red, 2- Not illuminated, 3- Not illuminated
Fully Charged	Green	1- Not illuminated, 2- Green, 3- Not illuminated
Low Charge	Yellow	1- Not illuminated, 2- Not illuminated, 3- Yellow

## Operation

**IMPORTANT!** The product is intended for light-duty trimming of shrubs and lawn edges for residential properties.

**NOTE:** Charge the battery for 3 to 5 hours then use it until it runs down (i.e. the tool will only slowly operate and the yellow charger indicator will be illuminated). Recharge for 3 to 5 hours again before resuming operation.

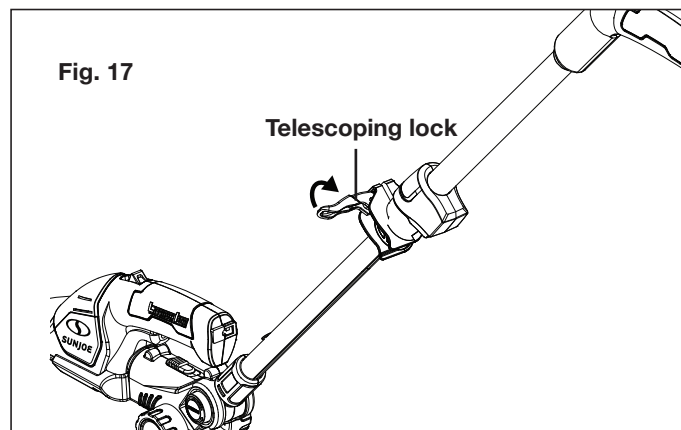
**⚠ WARNING!** The blades continue to move for a few seconds after the tool is switched OFF. Turn OFF the tool and wait until the blades come to a complete stop before adjusting or cleaning.

**⚠ CAUTION!** Never touch the blade rail while the tool is in operation and be aware of the sharp edges even when the grass shear + hedge trimmer is not in use.

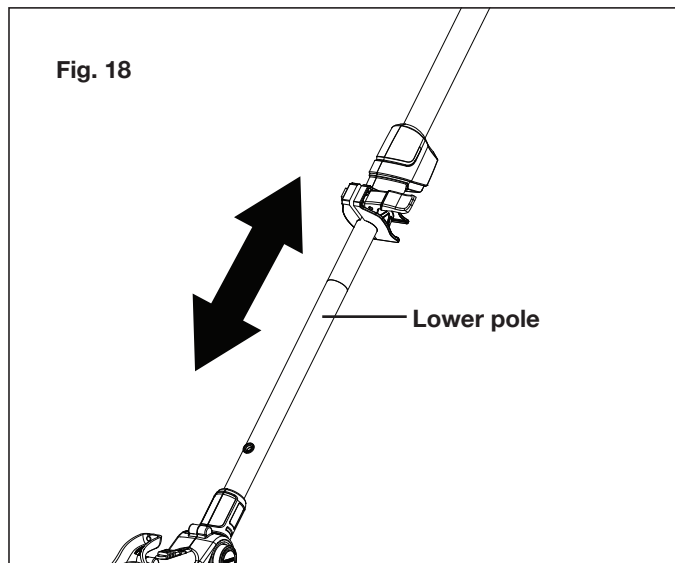
**NOTE:** Do not touch the rotating blades.

## Pole Length Adjustment (Optional)

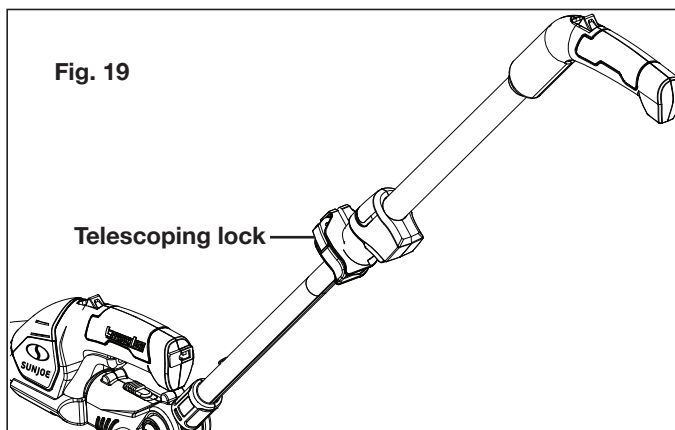
1. Loosen the telescopic lock by flipping it up (Fig. 17).



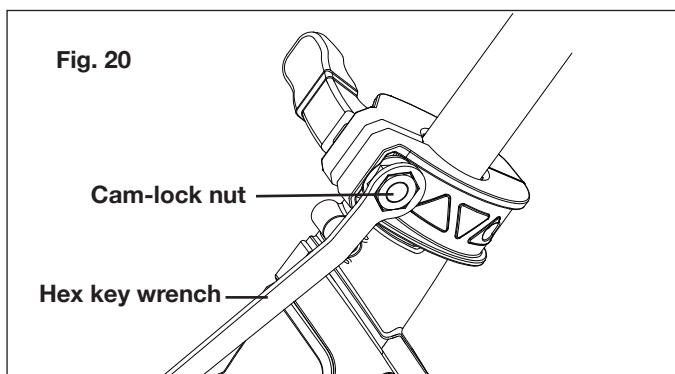
2. Pull the lower pole out or push it together to adjust to the desired length (Fig. 18).



3. Tighten the telescopic lock by latching it back down (Fig. 19).

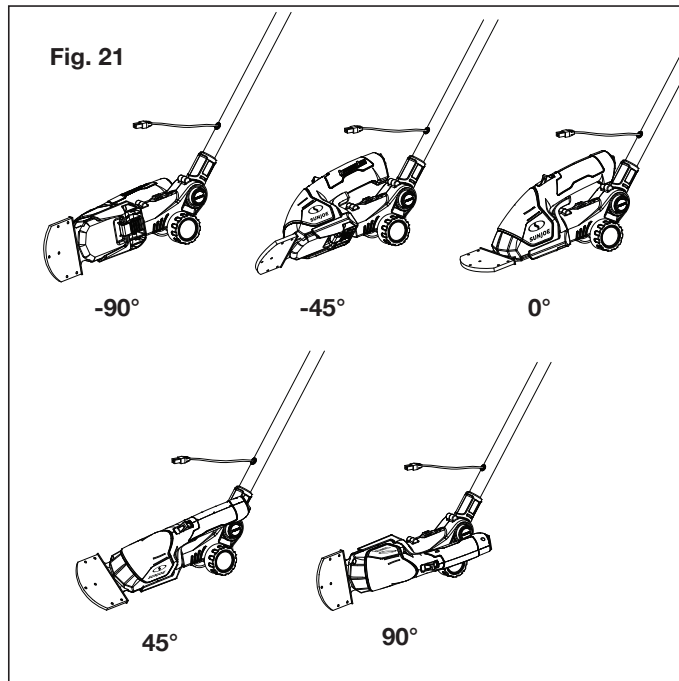


**NOTE:** The cam-lock nut may need to be loosened slightly in order to adjust the telescoping pole length (Fig. 20). Use pliers or hex key wrench, as needed.

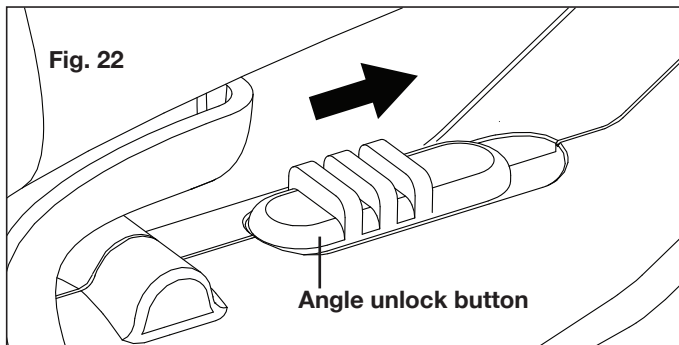


## Cutting Head Angle Adjustment (Optional)

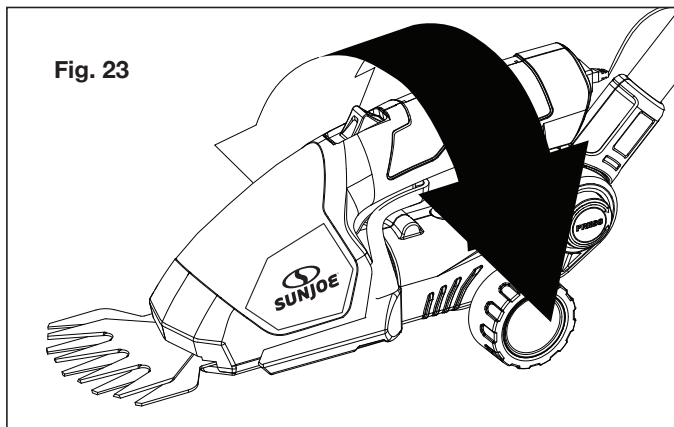
The telescoping pole is equipped with an adjustable head which can be rotated to 5 different angles:  $-90^\circ$ ,  $-45^\circ$ ,  $0^\circ$ ,  $45^\circ$ ,  $90^\circ$  (Fig. 21). Follow the instructions to adjust the angle.



1. Pull the angle unlock button backward and hold it in position (Fig. 22).



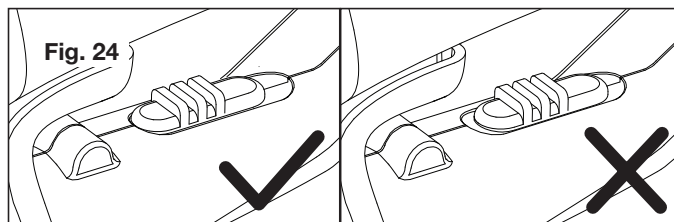
2. Turn the cutting head slightly clockwise or counterclockwise (Fig. 23).



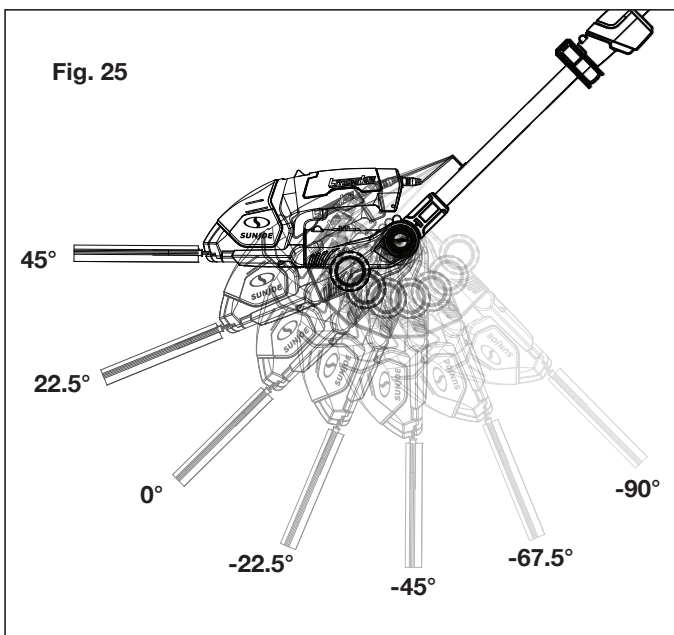
3. When the cutting head clips in the desired angle, release the angle lock button.

**⚠ WARNING!** Always ensure the cutting head is in one of the five positions. Never adjust it into an intermediate position.

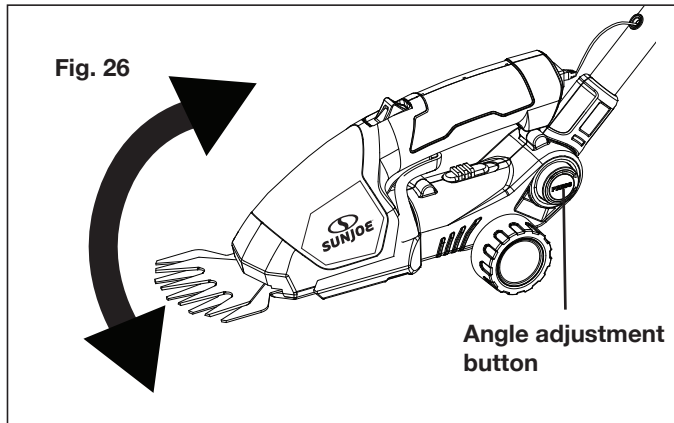
**⚠ WARNING!** Always ensure the angle unlock button snaps back into place after adjusting the angle. Leaving the pole head unlocked during operation is dangerous (Fig. 24).



The telescoping pole's cutting head can also be set to 7 vertical angles:  $-90^\circ$ ,  $-67.5^\circ$ ,  $-45^\circ$ ,  $-22.5^\circ$ ,  $0^\circ$ ,  $22.5^\circ$ ,  $45^\circ$  (Fig. 25). Follow the instructions to adjust the angle.



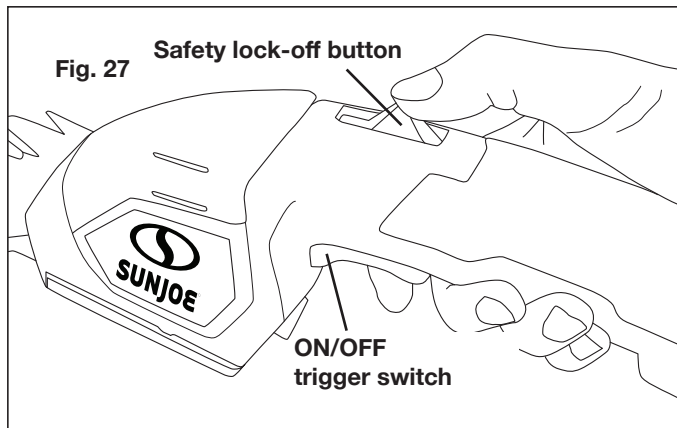
4. Rotate the cutting head to the desired cutting angle while pressing the angle adjustment button (Fig. 26).



5. Release the button when the cutting head is fixed into the desired angle.

## Starting + Stopping

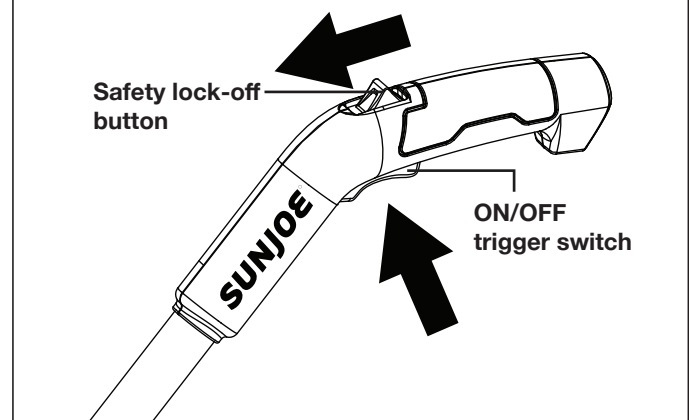
1. To power ON, push and hold the safety lock-off button with your thumb, while pressing the ON/OFF trigger switch with your forefinger. Once the trigger switch engages, you can release the safety lock-off button and proceed with operation (Fig. 27).



**NOTE:** The safety lock-off button reduces the risk of accidental starting.

2. To power OFF, simply release the ON/OFF trigger switch (Fig. 26).
3. If using the telescoping pole, push and hold the safety lock-off button on the handle with your thumb, while depressing the ON/OFF trigger switch on the handle with your forefinger. Once the trigger switch engages, you can release the safety lock-off button and proceed with operation (Fig. 28).

Fig. 28



4. To power OFF, simply release the ON/OFF trigger switch.

**⚠ CAUTION!** Do not force the blades through dense growth. If the blades slow down, then reduce your cutting pace. Should the blades jam, release the trigger immediately. Do not use your fingers to free up jammed blades. Jammed blades can release suddenly causing serious injury.

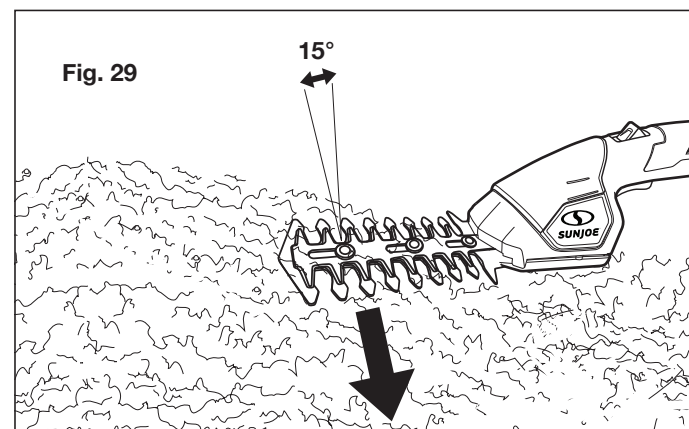
**⚠ CAUTION!** Always ensure proper footing and balance in a clean and clear work environment before switching on the grass shear + hedge trimmer.

**NOTE:** The yellow charge indicator LED light will illuminate when the battery is running low and requires charging.

## Trimming Tips

**⚠ WARNING!** Only use the hedge trimmer blade for this operation. Never use the telescoping pole with the hedge trimmer for trimming hedges.

**NOTE:** Try to keep the cutting device angled at approximately 15° to the cutting surface (Fig. 29).



1. **Shaping** – A hedge should be trimmed to achieve a trapezoidal form; it should widen toward the bottom on both sides. Shaping a hedge in this manner improves the penetration of light to the lower extremities. A general guideline is to slant the hedge approximately 4 in. (10 cm) for each 39 in. (1 m) of hedge height.



2. **Cutting Sequence** – First cut both sides; start at the bottom and work towards the top. This prevents cuttings from falling into an area that you have yet to trim.
3. **Trimming the Top** – Where the branches have grown extremely long, cut back the hedge in several stages. The shorter cuttings obtained are best suited for composting.
4. **Pruning Thick Branches** – When older hedges are to be cut a substantial amount, use pruning shears or some other device to trim thicker branches (greater than 0.3 in. [8 mm] in diameter) to the desired length before starting work with the hedge trimmer.

To shape precisely, run a taught line between the extreme edges of the hedge and then trim along the length of the line.

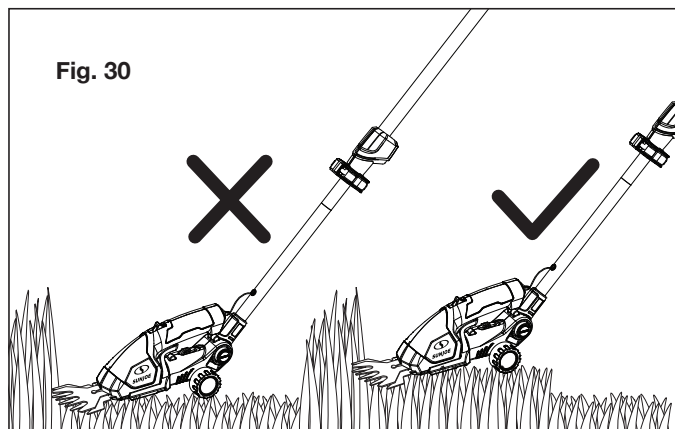
Ensure that the blade does not come into contact with any object made of hard material that could damage it, such as fencing wire or metallic plant supports.

## Shearing Tips

**⚠ WARNING!** Only use the grass shear blade for this operation.

**NOTE:** Use the telescoping pole for shearing grass at lower position if necessary. Adjust the pole length and pole head angle according to the intended use before operation.

1. Avoid shearing grass in a stooped or bent over position for lengthy periods of time. If prolonged stooping or bending is unavoidable, then regularly interrupt by standing upright and successively bending backwards several times.
2. Pay attention when performing work close to trees and bushes. The cutting device can damage sensitive bark, and damage fence posts.
3. Do not move the product too fast as this will result in ineffective cutting and possible damage.
4. Walk, never run, when using the product with the telescope pole.
5. Cut repeatedly from up and down in layers when the grass is very high (Fig. 30).



6. Keep the cutting device at an angle of about 10° to the ground when shearing. Avoid touching the ground as this can ruin the lawn and damage the product.

7. Let the cutting device do the work. Let it work at its own pace, never press it into the area to be cut.
8. Carefully maneuver the product around objects, such as trees and bushes, ensuring it does not come into contact with them. Avoid that the cutting device comes in contact with sensitive plants.
9. **Our Environment** – At Snow Joe® + Sun Joe®, we care about the environment and consider what we may do to protect it. If you share this concern, you may already be aware of the suggestions below; if not, please consider them as a small step in protecting our future.

Don't throw your clippings in a trash bag; where possible, dispose of your garden waste in a landfill. Alternatively, many communities provide a collection point where you can dispose of your garden waste in an environmentally-friendly manner.

## Maintenance

**⚠ WARNING!** Always switch the product off and let the product cool down before performing inspection, maintenance and cleaning work.

1. Keep the ventilation vents of the tool clean at all times. If possible, prevent foreign matter from entering the vents.
2. If the enclosure of the trimmer requires cleaning, do not use solvents to clean it. Only use a moistened soft cloth. Never let any liquid get inside the tool; and never immerse any part of the tool into a liquid.
3. The blade rail should be cleaned and treated with light machine oil or spray lubricant (such as WD40, CRC 5.56 or RP7) after each use. When a job lasts for a long period of time, it is recommended that the blade rail also be treated with spray lubricant at regular intervals during operation.
4. Inspect the product before each use for worn and damaged parts. Do not operate it if you find broken and worn parts.

## Blade Maintenance

To ensure years of efficient and trouble-free operation, blade cleaning should be performed if sap and debris have built-up, or if you live in an area where the soil is sandy. Cleaning unusually heavy deposits may require removal of the blades.

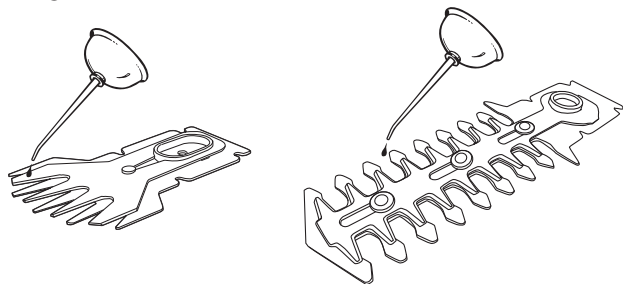
**NOTE:** Snow Joe® + Sun Joe® will not be held responsible for any damage or injuries caused by repair of the trimmer by an unauthorized person or by mishandling of the trimmer.

1. Keep the cutting blades clean and free of debris. Remove trimmings.



2. Apply a small amount of suitable lubricant on the blades to retain a good cutting performance (Fig. 31).

**Fig. 31**



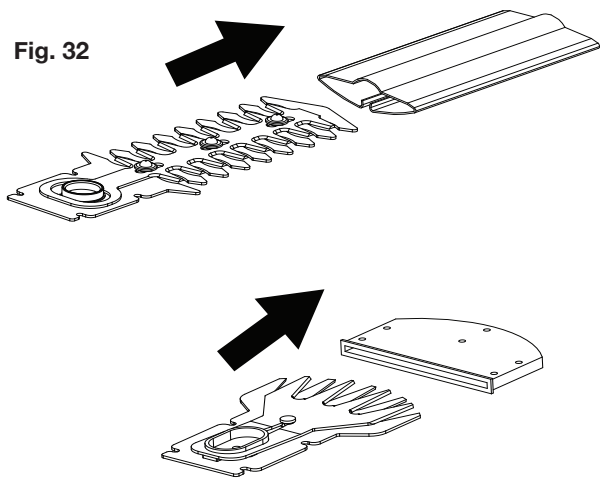
3. Keep the blades sharp. Have a worn or damaged cutting device replaced with a new one of the same type by a qualified specialist. Spare parts may be ordered online at [sunjoe.com](http://sunjoe.com) or via phone by contacting the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

## Storage

When the tool will not be used for several months, it is ideal to leave the battery connected to the charger. For optimal storage, proceed as follows:

- Fully charge the battery.
- Clean the product as describe above.
- Assemble the blade covers over the blades (Fig. 32).

**Fig. 32**



- Store the tool in a secure and dry location. The storage temperature must always remains in the range of 41 °F (5 °C) to 104 °F (40 °C).
- Before using the tool after prolonged storage, fully recharge the battery.

## 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 and Support

If your Sun Joe® 2-in-1 cordless grass shear + hedge trimmer with telescoping pole requires service or maintenance, please call the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

## Model and Serial Numbers

When contacting the company or reordering parts, you will need to provide the model and serial numbers of your product. These are found on the decal affixed to the housing or handle of your cordless grass shear + hedge trimmer. Copy these numbers into the space provided below.

Record the following numbers from the housing or handle of your new product:

Model #:

H | J | 6 | 0 | 5 | C | C | - | R | M | | | | | | | | | |

Serial #:

| | | | | | | | | | | | | | | | | | | | | |

# HJ605CC-CHRG

## 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.

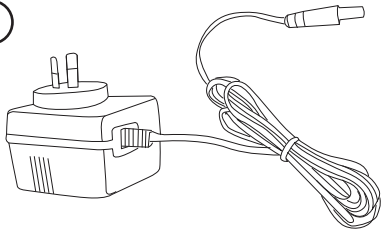
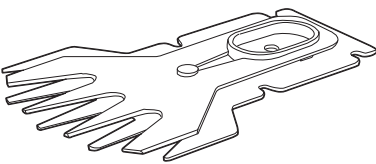
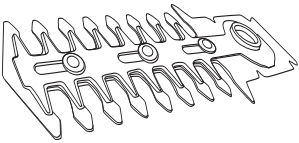
However, there is no guarantee that interference will not occur in a particular installation.

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 grass shear + hedge trimmer. Contact Snow Joe® + Sun Joe® if you are unsure whether it is safe to use a particular replacement part or accessory with your cordless grass shear + hedge trimmer. The use of any other attachment or accessory can be dangerous and could cause injury or mechanical damage.

Accessories	Item	Model
<b>1</b> 	AC Charging Adaptor	HJ604C-CHRG
<b>2</b> 	Grass Shear Blade	HJ604C-SHRBLD
<b>3</b> 	Hedge Trimmer Blade	HJ604C-HDGBLD

**NOTE:** Accessories are subject to change without any obligation on the part of Snow Joe® + Sun Joe® to provide notice of such changes. Accessories can be ordered online at [sunjoe.com](http://sunjoe.com) or via phone by contacting the Snow Joe® + Sun Joe® customer service center at 1-866-SNOWJOE (1-866-766-9563).

[illegible]



## SNOW JOE® + SUN JOE® REFURBISHED GOODS WARRANTY

### GENERAL CONDITIONS:

Snow Joe® + Sun Joe® operating under Snow Joe®, LLC warrants this refurbished product to the original purchaser for 90 days against defects in material or workmanship when used for normal residential purposes. If a replacement part or product is needed, it will be sent free of charge to the original purchaser except as noted below.

The duration of this warranty applies only if the product is put to personal use around the household. It is the owner's responsibility to correctly perform all maintenance and minor adjustments explained in the owner's manual.

### HOW TO OBTAIN YOUR REPLACEMENT PART OR PRODUCT:

To obtain a replacement part or product, please visit [snowjoe.com/help](http://snowjoe.com/help) or email us at [help@snowjoe.com](mailto:help@snowjoe.com) for instructions. Please be sure to register your unit beforehand to speed up this process. Certain products may require a serial number, typically found on the decal affixed to the housing or guard of your product. All products require a valid proof of purchase.

### EXCLUSIONS:

- Wearing parts like belts, augers, chains and tines are not covered under this warranty. Wearing parts can be purchased at [snowjoe.com](http://snowjoe.com) or by calling 1-866-SNOWJOE (1-866-766-9563).
- Batteries are covered in full for 90-days from the date of purchase.

Snow Joe® + Sun Joe® may from time to time change the design of its products. Nothing contained in this warranty shall be construed as obligating Snow Joe® + Sun Joe® to incorporate such design changes into previously manufactured products, nor shall such changes be construed as an admission that previous designs were defective.

This warranty is intended to cover product defects only. Snow Joe®, LLC is not liable for indirect, incidental or consequential damages in connection with the use or misuse of the Snow Joe® + Sun Joe® products covered by this warranty. This warranty does not cover any cost or expense incurred by the purchaser in providing substitute equipment or service during reasonable periods of malfunction or non-use of this product while waiting for a replacement part or unit under this warranty. Some states do not allow exclusions of incidental or consequential damages so the above exclusions may not apply in all states. This warranty may give you specific legal rights in your state.

### HOW TO REACH US:

We're here to help Monday through Friday from 9AM to 7PM EST and Sunday 9AM to 4PM. You can reach us at 1-866-SNOWJOE (1-866-766-9563), online at [snowjoe.com](http://snowjoe.com), via email at [help@snowjoe.com](mailto:help@snowjoe.com) or tweet us @snowjoe.

### EXPORTS:

Customers who have purchased Snow Joe® + Sun Joe® products exported from the United States and Canada should contact their Snow Joe® + Sun Joe® distributor (dealer) to obtain information applicable to your country, province or state. If for any reason, you are not satisfied with the distributor's service, or if you have difficulty obtaining warranty information, contact your Snow Joe® + Sun Joe® seller. If in the event your efforts are unsatisfactory, please reach out to us directly.



[sunjoe.com](http://sunjoe.com)