

POWER SMART

MODEL DB2401

CORDLESS ELECTRIC SNOW THROWER



ATTACH YOUR RECEIPT HERE

Serial Number _____ Purchase Date _____



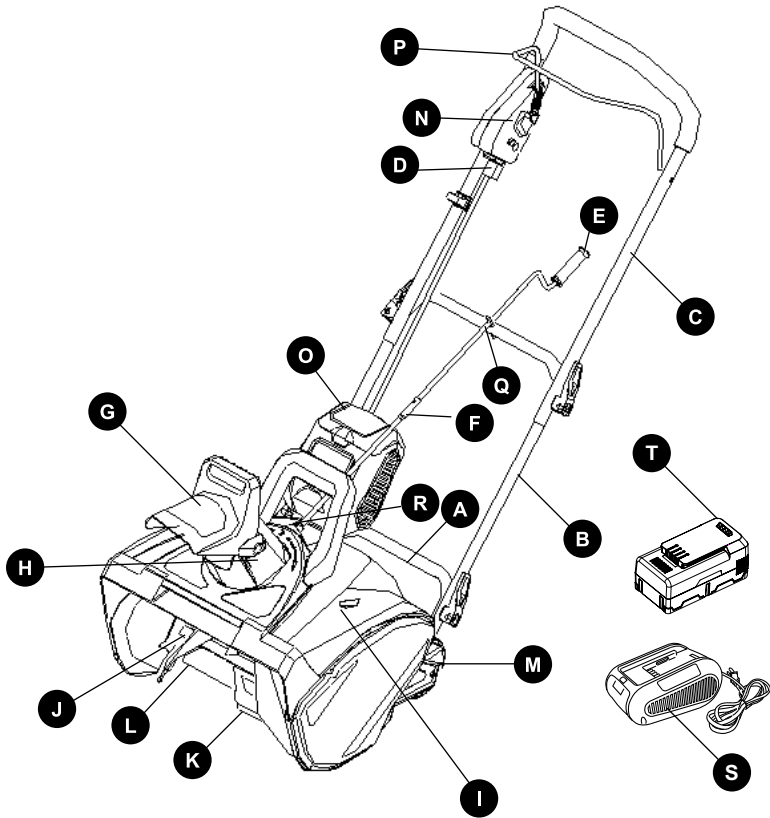
Questions, problems, missing parts? If you have questions about this product or need technical support, call the Amerisun customer service department at 1-800-791-9458. Also contact Amerisun at support@amerisuninc.com"

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FEATURE IDENTIFICATION

TECHNICAL
Charger power input: 120 V, 60 Hz
Power output: DC 40V
Rotation speed: 2,200 RPM \pm 10%
Clearing width and depth: Approx. 18 in. x 8 in.
Max. throwing distance: 30ft.
Net weight: 34.8lbs.



A	Lower frame (preassembled)
B	Middle frame
C	Upper frame
D	Connect line
E	Upper chute crank
F	Lower chute crank
G	Chute deflector
H	Discharge chute (preassembled)
I	Main cover (preassembled)
J	Auger (preassembled)

K	Rubber plate (preassembled)
L	Scraper (preassembled)
M	wheel (preassembled)
N	Switch housing (preassembled)
O	Battery holder
P	Handle bar (preassembled)
Q	Eye bolt with rubber grommet
R	Discharge chute base (preassembled)
S	Charger
T	Battery

HARDWARE CONTENTS

AA



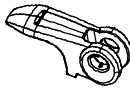
M8x50
Handle Saddle Screw
Qty. 4

BB



8MM
washer
Qty. 4

CC



M8
Handle Camlock
Qty. 4

DD



ST5x20
Screw
Qty. 3

EE



M4x12
Screw
Qty. 1

FF



6MM
Washer
Qty. 1

GG



M6
Nut
Qty. 1

HH



ST4x12
Screw
Qty. 1

II



M8
Chute Deflector Knobs
Qty.2

JJ



6MM
Washer
Qty. 3



SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate or install the product.


IMPORTANT!

All Operators Must Read These

Instructions Before Use

Read all instructions when using the cordless snow throwers. Basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury.

General Safety Rules

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.

- **Keep work area clean and well lit** - Cluttered, dark areas invite accidents.
- **Keep bystanders away** - All bystanders and pets should be kept a safe distance away from the work areas.
- **Dress properly** - Do not wear loose clothing or jewelry. They can get caught in moving parts. Protective rubber gloves and non-slip footwear are recommended when working outdoors.
- **Use the right product** - Do not use this machine for any job except that for which it is intended.
- **CAUTION!** - Exercise caution to avoid slipping or falling. Wear protective footwear that will protect your feet and improve your footing on slippery surfaces.
- **Use safety glasses** - Also use safety footwear, snug-fitting clothing, protective gloves, hearing and head protection.
- **Do not force the snow thrower** - Use the snow at the rate for which it was designed to ensure optimal performance and safe operation.
- **Stay alert** - Watch what you are doing. Using common sense. Do not operate the snow thrower when you are tired or under the influence of alcohol or drugs.
- **Do not overreach** - Keep proper footing and balance at all times.
- **Store indoors** - When not in use, the snow thrower should be kept dry and stored out of the reach of children in a high or locked place.

- **Maintain snow thrower with care** - Follow instructions for lubricating and changing accessories.



WARNING! Turn off the power switch and disconnect the battery before making any adjustments, inspecting, servicing, changing accessories, cleaning the snow thrower, or when any other dangerous conditions present. Any such operation should be performed after revolving parts inside the snow thrower stop completely. Such preventive safety measures reduce the risk of starting the power tool accidentally.



WARNING! When replacing any parts, you must strictly observe the instructions and procedures described in this user manual. Special care should be paid to any rubber parts, since these parts may increase the engine load and decrease its mechanical power if damaged.



WARNING! If you notice that the snow thrower is not running properly or hear abnormal sounds from the engine when it is in use, immediately stop the machine, disconnect the battery, and contact your service center.

- **Surfaces** - This snow thrower is intended for use on paved surfaces. Do not use on gravel, stone or other unpaved surfaces.
- **Moving parts present risks** - Keep your face, hair, clothing, hands, and feet away from moving parts. All guards and safety attachments must be installed properly before using the unit. Shut off and disconnect the battery before touching any parts other than the handles and switch.
- **Avoid unintentional starting** - Make sure the safety switch and the switch bar lever are in the off position before inserting the battery in the unit. Do not carry the snow thrower with the safety switch bar lever engaged.
- **Do not overreach** - Maintain proper footing and balance at all times. Place heels firmly on the ground and tightly grasp the handle bar. Watch for uneven surfaces and do not overreach. In case you fall or collide with the snow thrower, inspect the unit for any damages or avoid obstacles beneath your feet or behind you to avoid falling.



SAFETY INFORMATION



WARNING! If the snow thrower strikes any object, follow these steps:

- i). Stop the snow thrower. Remove the battery.
- ii). Inspect for damage.
- iii). Repair any damage before restarting and operating the snow thrower.

Battery & Charger Safety

Instructions



WARNING! Use only approved replacement batteries DB2102; other batteries may damage the snow thrower and cause it to malfunction, which can lead to personal injury.



CAUTION! To reduce the risk of injury, charge the Samsung lithium-ion pack only in its designated lithium-ion charger, the iCHR40. Other types of chargers may cause personal injury or damage. Do not wire a battery pack to a power supply plug or car cigarette lighter. Battery packs will be permanently disabled or damaged if such unacceptable measures are taken.

- **Avoid dangerous environments** - Do not charge the battery pack in rain, snow, damp, or wet locations. Do not use the battery pack or charge 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 potentially lead to a fire.
- **Charge in a well ventilated area** - Do not block the charge 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 -4°F to 113°F. Do not charge the battery outside in freezing weather; charge it at room temperature.
- **Maintain charge cord** - When unplugging the charge, pull the rather than the cord to reduce the risk of damage to the electrical plug and cord. 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. 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 charge into a properly wired 16 gauge or large extension cord with blades that are the same number, size, and shape as the blades on the charge. Make sure that the extension cord is in good electric condition.

- **Charger DB2202 is rated for 120 volt AC 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 may result in a 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 task. Do not allow water to flow into the AC/DC plug. Use a Ground Fault Circuit Interrupter (GFCI) to reduce shock hazards.

- **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 charge if they have sustained a sharp blow, been dropped, run over, or damaged in any way (e.g. 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 your customer service center.
- **Battery chemicals cause serious burns** - Never let a damaged battery pack leak 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 coins, keys, or nails. A short-circuited battery pack may cause fire and personal injury.
- **Store your battery pack and charger in a cool, dry place** - Do not store the battery pack or charge where temperatures may exceed 120°F, such as in direct sunlight or inside a vehicle or metal building during the summer.



SAFETY INFORMATION

Additional Safety Instructions

Safety Instructions for Walk-Behind

Snow Throwers

- **Read the operator's manual carefully** – learn your snow thrower's applications and limitations as well as the specific potential hazards related to this machine. Do not use this machine for any purpose other than the one for which it was designed. Failure to adhere to these precautions may cause mechanical defaults, serious damage, or personal injury.
- **Preliminary unit inspection** – Thoroughly inspect the unit before use. Make sure all the parts are secure and installed correctly. If you notice any abnormalities, do not use the machine until it has been properly repaired. Always perform a test run the first time you use the snow thrower or after replacing parts to ensure that the unit is functioning properly.
- **Preliminary area inspection** – Clear the area to be plowed before each use. Remove all objects such as rocks, broken glass, nails, wire, newspapers or string, which can be thrown by or become entangled in the snow thrower. Keep the area of operation clear of all persons, children, and pets.
- **Excessive force** – The snow thrower was designed to respond at a certain rate for various snow conditions for optimal safety and performance. Do not force it; keep the applied pressure constant throughout its operation.
- **Malfunctioning switch** – Do not use the snow thrower if the switch does not turn it on and off. Any appliance that cannot be controlled by the switch is not safe to use and must be repaired.
- **Hitting an object** – If the snow thrower accidentally strikes an object, first stop the snow thrower and remove the battery; next, inspect for damage; finally, repair or replace any damaged part before restarting and operating the snow thrower.
- **Discharge chute safety** – Never direct the snow discharge chute at the operator, at bystanders, at vehicles, or at windows. The discharged snow, which may contain foreign objects accidentally picked up by the snow thrower, can cause serious damage and personal injury. Do not use your hands to unclog the discharge chute. Stop the motor before removing debris.










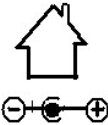
- **Hand-held operation** – Operation of the snow thrower in the hand-held position is unsafe.
- **Abnormal operation** – If you find that the snow thrower is not running properly or hear abnormal sounds from the engine, immediately stop the machine, remove the battery, and contact Amerisun service.
- **Noise control** – When using the snow thrower, respect the local laws and regulations regarding noise control and environmental protection. To avoid noise disturbance, you should carefully decide upon an appropriate operation time and consider the surrounding conditions.
- **When work is completed** – disconnect the snow thrower from the power source when not in use, when changing accessories, and before performing any maintenance task.
- **Store safely** – Store the snow thrower indoors in a dry area between uses. Keep in a locked area, where children and unauthorized users cannot gain access. Do not store the machine while it is still connected to the power source. It may cause damage and injury.
- **Maintain for safety and longevity** – Check for misalignment or binding of moving parts, breakage of parts, and any other conditions that may affect the unit's operation. If damaged, repair or replace the damaged part before use. Use only those replacement parts made for your model. When replacing any parts, you must strictly observe the instructions and procedures described in this manual. Special care should be paid to any rubber parts, since these parts may increase the engine load and decrease its mechanical power if damaged.

Electrical Safety

- **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.
- **Avoid accidental starting** – Make sure the safety switch bar lever is in the OFF position before inserting the battery pack into the unit. Do not carry the snow thrower with the safety switch and switch bar lever engaged.

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
	Safety Alert. Caution.		Wear hearing protection. Wear eye protection.
	WARNING! To reduce the risk of injury, user must read instruction manual.		The rotating part will continuously run for several seconds after you turn off the machine.
	Do not expose to rain. Keep dry.		DANGER! Keep hands and feet away from openings while the machine is running.
	Keep the bystander away. Use at a distance of at least 33 ft from other people		Rotating blades – Do not use hands to unclog chute. Stop motor before removing debris.
	CAUTION! Beware of flying debris.		Indoor use only. Only use battery charger in doors.

! SAFETY INFORMATION

PRODUCT LABELS

WARNING - Read, understand and follow all safety labels and markings on the unit.



Read operator's manual for operating and safety instructions.

⚠ DANGER

DANGER: Do not use hands to unplug chute. Stop motor before removing debris.

Do not walk in front of running machine.

Do not direct discharge at bystander.

CAUTION use for snow removal only.

WARNING: Remove the battery from the tool when servicing or cleaning to prevent electric shock.

Model DB2401 DC 40V
Made in China

CONFORMS TO UL STD. 1090
CERTIFIED TO CAN/CSA
STD C22.2 NO. 147-15



**FOR CUSTOMER SERVICE, CALL
1-800-791-9458**

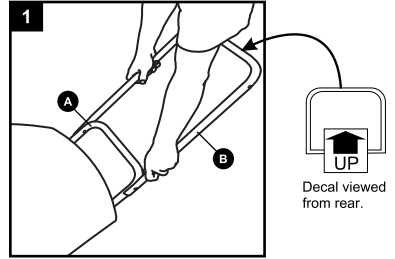
CAUTION

- Inspect wiring, which, if damaged during shipping, may cause serious bodily injury during equipment use. If any damage is seen or suspected, do not assemble. Instead, contact our customer service department at 1-800-791-9458.
- Handle with care during assembly so that electrical wiring does not become damaged.

ASSEMBLY

1. Position the middle frame (B) with the arrow on the "UP" decal pointing UP when viewed from rear.
Align the middle frame mount holes to the holes on the lower frame (A).

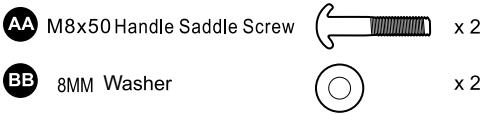
Note: If middle frame (B) is installed upside-down, the chute crank rod eye-bolt will not line up when installing the chute crank rod.



2. Insert the handle saddle screw (AA) with the metal washer (BB) into the aligned holes on each side of the frame.

Note: Avoid damaging screw threads during installation.

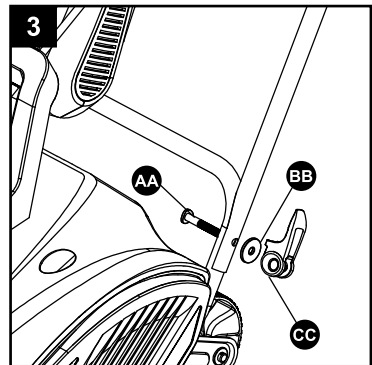
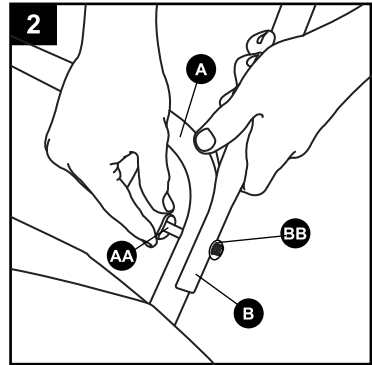
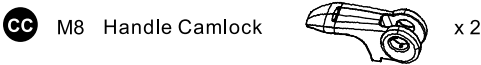
Hardware Used



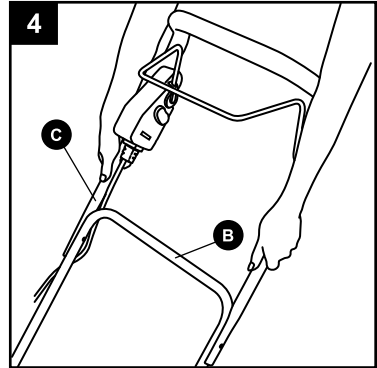
3. Use the handle camlocks (CC) to secure the connection. The handle camlocks (CC) should be inserted outside of the frame. Tighten the camlock just snug to the handle.

NOTICE: To avoid breaking the camlock, Do Not overtighten the camlock. The camlock tightens as it is pivoted when clamped. If the camlock is initially threaded too tight and then clamped, it will break. Only slight clamping pressure is required to hold the handle in place.

Hardware Used



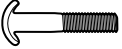

4. Position upper frame (C) as shown (handle bar up)
Align mount holes with holes on middle frame (B)

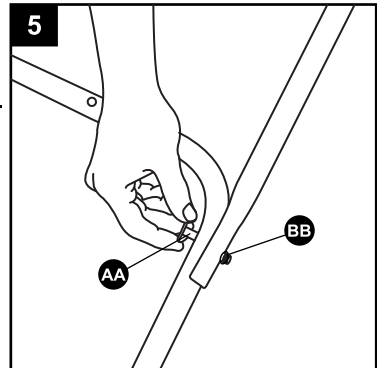


5. Insert the handle saddle screw (AA) with the metal washer (BB) into the aligned holes on each side.
The metal washer (BB) should be inserted outside of the frame.

Note: Avoid damaging screw threads during installation.

Hardware Used


- | | | | |
|-----------|---------------------------|---|-----|
| AA | M8x50 Handle Saddle Screw |  | x 2 |
| BB | 8MM Washer |  | x 2 |

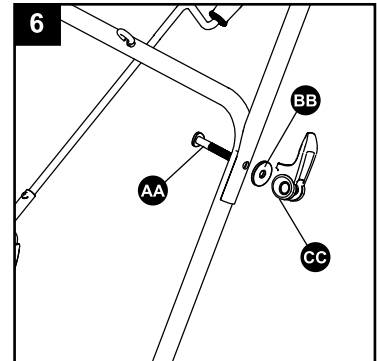


6. Use the handle camlocks (CC) to secure the connection. The handle camlocks (CC) should be inserted outside of the frame. Tighten the camlock just snug to the handle.

NOTICE: To avoid breaking the camlock, Do Not overtighten the camlock. The camlock tightens as it is pivoted when clamped. If the camlock is initially threaded too tight and then clamped, it will break. Only slight clamping pressure is required to hold the handle in place.



Hardware Used

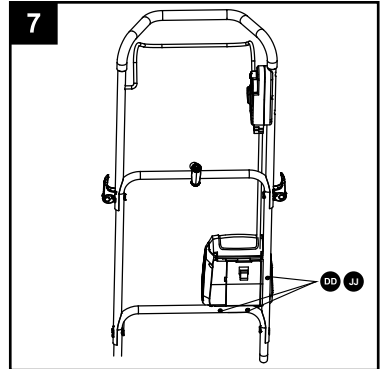
- | | | | |
|-----------|-------------------|---|-----|
| CC | M8 Handle Camlock |  | x 2 |
|-----------|-------------------|---|-----|



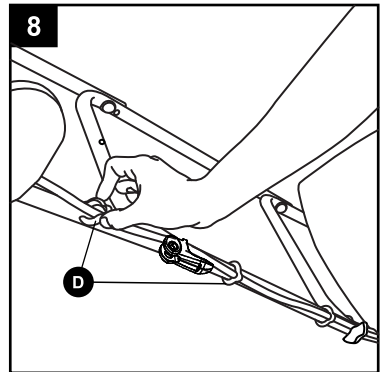
7. Use the screw and washer to install the battery pack fixator

Hardware Used

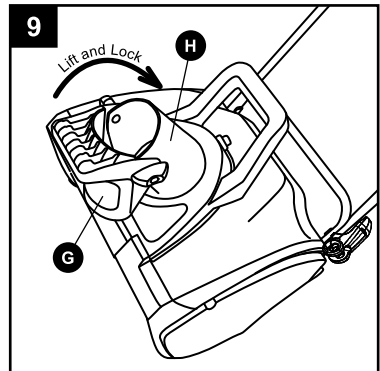
DD	ST5x20 Screw		x 3
JJ	6MM Washer		x 3



8. Locate the three cable clips (D) in the parts bag. Secure the power cord to the frame of the unit by clipping them onto the frame at evenly spaced intervals.




9. Loosen the two knobs on the chute deflector (G). Lift the chute deflector (G) so that it locks securely onto the discharge chute (H).

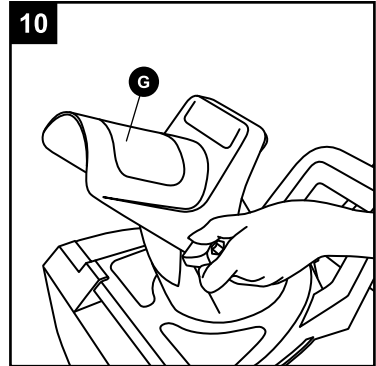


10. Loosen the two knobs on the chute deflector (G). Set the chute deflector to the desired angle and tighten the chute deflector knobs.

Note: Do not overtighten the chute deflector knobs.

Hardware Used

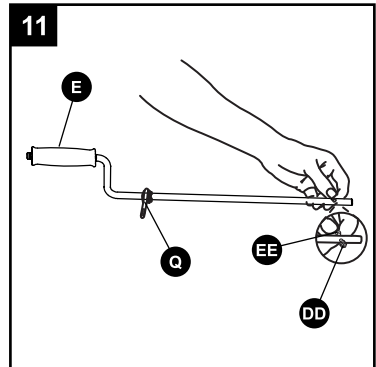
II M8 Chute Deflector Knobs  x 2



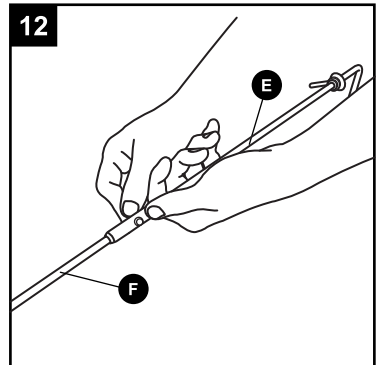
11. Locate the upper chute crank (E) in the parts bag. Remove the screw (EE) and nut (DD) from the upper chute crank (E) using a Phillips screwdriver and wrench.

Hardware Used

EE M4 x12 Screw  x1



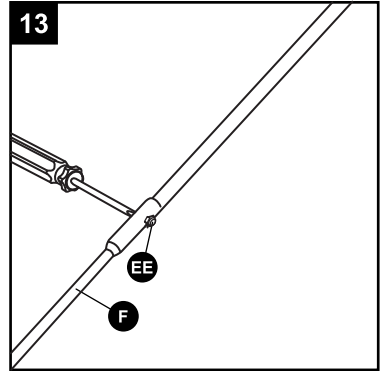
12. Slide the upper chute crank (E) into the lower chute crank (F), aligning the screw holes.



13. Tighten the screw (EE) into the aligned holes.

Hardware Used

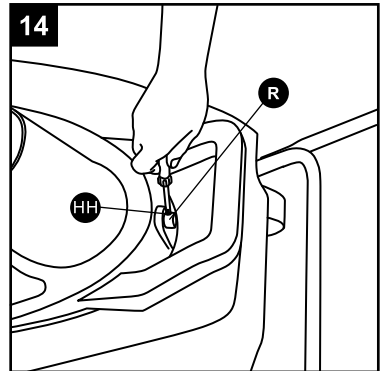
EE M4 x 18 Screw  x 1



14. Remove the screw (HH) on the discharge chute base (R) with the screwdriver.

Hardware Used

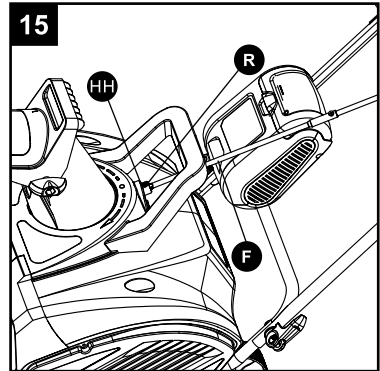
HH BT4 x12 Screw  x 1



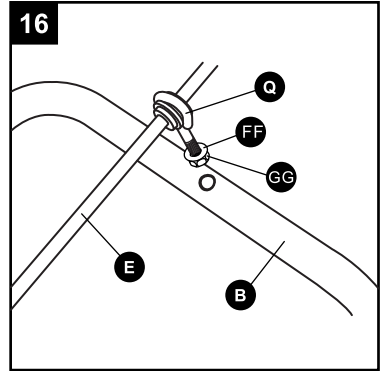
15. Insert the chute crank (F) into the hole on the discharge chute base (R). Insert the screw (HH) previously removed and tighten it with the screwdriver.

Hardware Used

HH BT4 x12 Screw  x 1




16. Remove the washer (FF) and nut (GG) from the eye bolt with rubber grommet (Q) found on the upper chute crank (E).

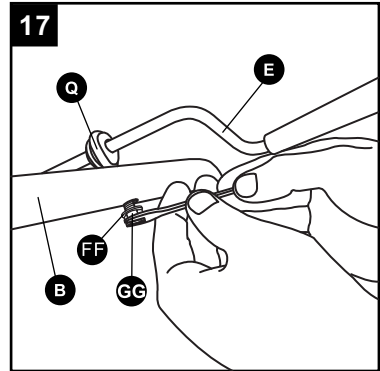


17. Position the chute crank (E) so that the eye bolt with rubber grommet (Q) inserts into the center hole of the middle frame (B). Secure with washer (FF) and nut (GG).

Note: Do not over tighten the nut.

Hardware Used

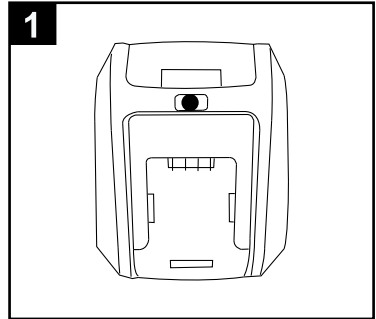
FF 6MM Washer		x 1
GG M6 Nut		x 1



CHARGER OPERATION

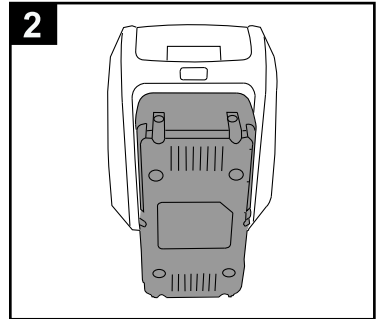
Note: Before using the machine make sure that the battery is charged.

1. When you turn on the unit the LED light shows red

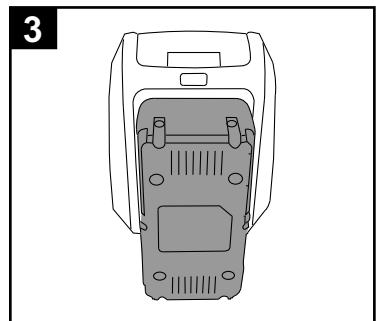


2. Insert battery pack in the charger and the LED light will show green

- When the temperature is too high the charger will automatically cool. And the LED light will show orange
- After the temperature returned to normal the charger will continue to charge.



2. After current charging is completed, the LED light will show green.



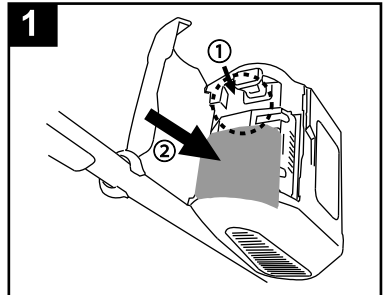
⚠ WARNING

Damaged electrical cords present risk of fire, electric shock, and serious bodily injury.

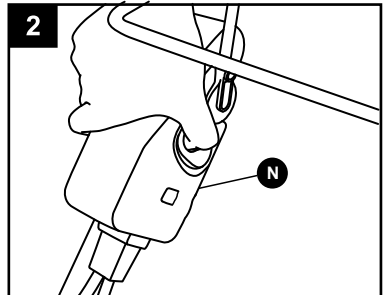
Before operating the snow thrower, carefully examine the electrical cord. If the cord is damaged, do not use the snow thrower. Replace or repair the damaged cord immediately. If you need assistance, contact our customer service department at 1-800-791-9458.

POWERING ON AND OFF

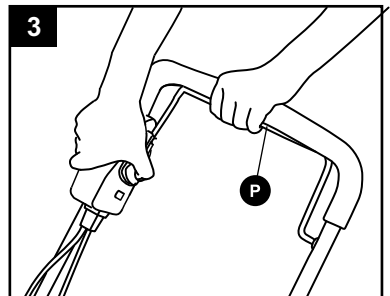
1. ① Safety key.
② Put the battery pack into its holder.



2. Press the red start button in fully and hold in. The start button is located on the switch housing (N).



3. While holding the start switch button in, pull the handle bar (P) toward you until it touches the handle. The start button must be pressed in and held before pulling the handle. Once the snow thrower starts, release the red start button



3. To stop, release the handle bar (P) and allow the handle bar to return to the OFF position.

NOTE: Unit will not operate if you pull the bar towards you first then press in the start button.

PLOWING SNOW



WARNING

Foreign objects, such as rocks, broken glass, nails, wire, or string, can be picked up and thrown by the snow thrower, causing serious personal injury.

Remove all foreign objects from the area to be plowed before operating the snow thrower.

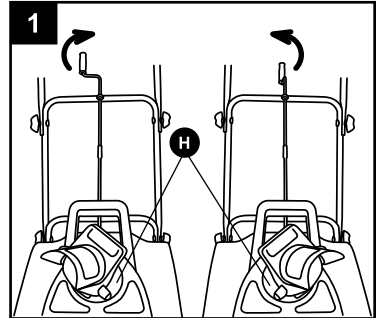
- Keep the area of operation free of foreign objects that can become thrown by the rotor blades.
- Perform a thorough inspection of the area since some objects may be hidden from view by surrounding snow. If the snow thrower hits an obstruction or picks up a foreign object during use, stop the snow thrower, disconnect the extension cord, remove the obstruction, and inspect the unit for damage. Repair or replace any damaged part before restarting and operating the unit.
- Keep children, pets, and bystanders away from the area of operation. Be aware that the normal noise of the machine when turned on may make it difficult for you to hear approaching people.
- When moving the snow thrower, use the wheels on one side as the pivot point. Slightly tilt the snow thrower on this pivot point to move it forward or backward.
- Start your clearing path near the electrical outlet and work outward, throwing snow in a back and forth motion. To clear in the opposite direction, step over the cord and pivot the snow thrower on its wheels. Make sure to overlap clearing paths.
- Note wind direction. If possible, move in the same direction as the wind so that the snow is not thrown against the wind (and thus back into your face and back onto the path).
- While moving the snow thrower, do not drag the power cable violently or roughly. The snow thrower should move within the range that the cable can reach.
- Do not push the snow thrower with excessive force. You should push the machine gently and evenly in accordance with the units throw rate.
- Do not apply additional weight on the unit since this may cause engine damage.
- Some parts of the snow thrower may freeze under extreme temperature conditions. Do not attempt to operate the snow thrower with frozen parts. If the parts freeze while the snow thrower is in use, stop the snow thrower, unplug the extension cord, and inspect for frozen parts. Free all parts before restarting or operating the snow thrower. Never force controls that have frozen.
- Working on pebbles, gravel, or unpaved surfaces - To avoid throwing loose surface material along with the snow, push down on the handle to raise the scraper at the base of the unit above the pebbles or gravel.

CHANGING THROW DIRECTION AND THROW HEIGHT

WARNING

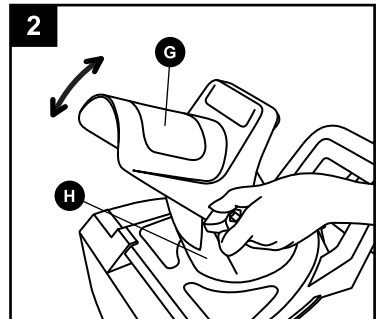
Always orient the discharge chute in the opposite direction from where you, bystanders, surrounding vehicles, or windows are located.

1. The discharge chute (H) can be adjusted 180 degrees by rotating the chute crank. Rotate the chute control crank clockwise to move the discharge chute (H) to the left, counterclockwise to move the chute to the right.



2. The chute deflector (G) on the top of the discharge chute (H) controls the height of the snow stream. Loosen both chute deflector knobs to raise or lower the deflector to the desired height you wish to throw the snow. Tighten the knobs to secure the deflector.

Note: Do not over tighten the chute deflector knobs. The unit vibrates check all knobs often for tightness.

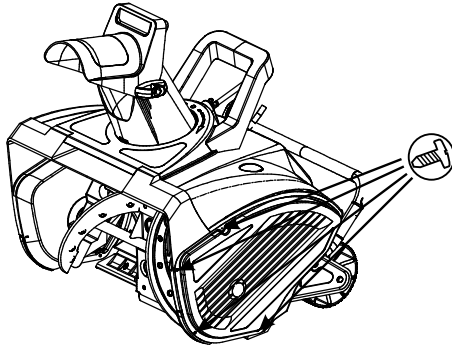


DRIVE BELT REPLACEMENT

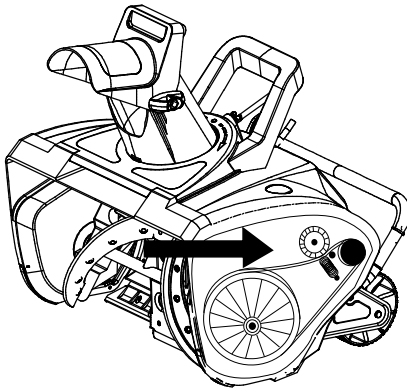
WARNING Entanglement Hazard-Before performing any service procedures,make sure the snow thrower is disconnected from the power source.

Note : Record component position before disassembly, to assist in reassembly.

1. Using Phillips screwdriver, remove 4 screws attaching belt cover to housing.



2. Manually push the belt tension pulley up to reduce belt tension.



Note : When replacing the belt it is important to determine the cause of the failure (if applicable) and take corrective action to avoid repeated failure.

3. Inspect the old belt, pulleys and tension spring before installing a new belt for damage and wear, replace parts as required.

4. Inspect the new belt to ensure it is the correct size and type.
 - Original – Part Number 5PJ670
5. Manually push the belt tension pulley up to allow installation of the new belt.
6. Position the belt onto the small drive pulley, then while holding the belt tension pulley away from the belt, carefully wind the belt onto the large pulley. Do not damage the new belt during installation.
7. Using Phillips screwdriver, install 4 screws attaching belt cover to housing

TROUBLESHOOTING.

Problem		Possible Causes		Remedy
WARNING - Before attempting to make any inspections, repairs or adjustments, stop the snow thrower, wait for all moving parts to stop moving and carefully disconnect the AC extension cord from the power source.				
Will not start	1	No power from AC power source	1	Check to see if circuit breaker has been tripped. Reset.
	2	Key not in place	2	Put key into place next to the battery.
	3	Battery not in place	3	Take the battery out of the charger. And put in unit.
	4	Improper starting procedure	4	Push button in, pull bar towards you, release button when it starts
	5	Auger damaged or blocked	5	Check auger for damage, blockage or frozen condition, repair as required
	6	Faulty switch, wiring or motor	6	Call customer service
Turns on, but won't blow snow	1	Auger damaged or blocked	1	Check auger for damage, blockage or frozen condition, repair as required
	2	Chute blocked or damaged	2	Check chute for damage or blockage, repair as required
	3	Drive belt damaged or loose	3	Check drive belt condition, repair as required (drive belt is located on left side behind cover)
Turns on, but won't run at full speed	1	Extension cord faulty	1	Connect with an outdoor rated extension cord that you have tested with another appliance
	2	Battery running low	2	Stop and recharge the battery.
	3	Auger damaged or blocked	3	Check auger for damage, blockage or frozen condition, repair as required
	4	Drive belt damaged or loose	4	Check drive belt condition, repair as required (drive belt is located on left side behind cover)
	5	Faulty wiring or motor	5	Call customer service
Chute crank handle will not turn chute or is hard to turn	1	Damaged chute crank rod or crank gear.	1	Check chute crank rod and gear (where lower rod connects under chute) for damaged or bent parts, repair as needed.
	2	Chute crank rod eye guide assembled incorrectly, binding chute crank rod.	2	Check installation of middle frame. If middle frame is installed upside-down, the chute crank rod eye-bolt will not line up when installing the chute crank rod, see assembly instructions.

CARE AND MAINTENANCE



WARNING

Make sure to turn off the switch and disconnect the extension cord before performing any maintenance task on your snow thrower.

- Do not store the battery in the unit.
- Recharge after each use.
- Run the snow thrower for a few minutes to melt away any snow on the snow thrower. Turn the snow thrower's power off.
- Examine the snow thrower thoroughly for worn, loose bolts or damaged parts. For repairing or replacing parts, contact customer service.
- Store the unit in a locked and dry or high and dry place to prevent unauthorized use/damage and keep out of the reach of children. Store the instruction manual along with unit for future use.

A Two-Year Full Warranty for Residential Use

Amerisun Inc. warrants this product for Two year which begins on the date purchased against defects in material or workmanship when used for normal residential purposes. The manufacturer will, at its option, repair or replace, for the original purchaser, any part or parts which have been found to be defective in material and workmanship. Residential use means use of the product on the same lot as your home.

- If you have questions or problems, or before returning this product, call toll-free 1-800-791-9458 or email support@amerisuninc.com

This warranty covers product defects only. Amerisun is not liable for indirect, incidental, or consequential damages in connection with the use of PowerSmart Products covered by this warranty, including any cost or expense of providing substitute equipment or service during reasonable periods of mal-function or non-use pending completion of repairs under this warranty. Some states do not allow exclusions of incidental or consequential damages, so the above exclusions 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.