



KING KING CANADA

18" ELECTRIC SNOW THROWER



MODEL: 9918

INSTRUCTION MANUAL

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WARRANTY INFORMATION



**2-YEAR
LIMITED WARRANTY
FOR THIS 18" ELECTRIC SNOW THROWER**

PROOF OF PURCHASE

Please keep your dated proof of purchase for warranty and servicing purposes.

REPLACEMENT PARTS

Replacement parts for this product are available at our authorized King Canada service centers across Canada. Please use the 10 digit part numbers listed in this manual for all part orders where applicable.

PARTS DIAGRAM & PARTS LISTS

Refer to the Parts section of the King Canada web site for the most updated parts diagram and parts list.

LIMITED TOOL WARRANTY

King Canada makes every effort to ensure that this product meets high quality and durability standards. King Canada warrants to the original retail consumer a 2-year limited warranty as of the date the product was purchased at retail and that each product is free from defects in materials. Warranty does not apply to defects due directly or indirectly to misuse, abuse, normal wear and tear, negligence or accidents, repairs done by an unauthorized service center, alterations and lack of maintenance. King Canada shall in no event be liable for death, injuries to persons or property or for incidental, special or consequential damages arising from the use of our products.

To take advantage of this limited warranty, return the product at your expense together with your dated proof of purchase to an authorized King Canada service center. Contact your retailer or visit our web site at www.kingcanada.com for an updated listing of our authorized service centers. In cooperation with our authorized service center, King Canada will either repair or replace the product if any part or parts covered under this warranty which examination proves to be defective in workmanship or material during the warranty period.

NOTE TO USER

This instruction manual is meant to serve as a guide only. Specifications and references are subject to change without prior notice.

KING CANADA INC. DORVAL, QUÉBEC, CANADA H9P 2Y4

www.kingcanada.com



GENERAL SAFETY INSTRUCTIONS FOR ELECTRIC SNOW THROWERS

GENERAL SAFETY INSTRUCTIONS

1. KNOW YOUR TOOL.

Read and understand the owner's manual and labels affixed to the tool. Learn its application and limitations as well as its specific potential hazards.

2. KEEP GUARDS IN PLACE.

Keep in good working order, properly adjusted and aligned.

3. REMOVE ADJUSTING KEYS AND WRENCHES.

Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

4. KEEP WORK AREA CLEAN.

Cluttered areas and benches invite accidents. Make sure the floor is clean and not slippery due to wax and sawdust build-up.

5. AVOID DANGEROUS ENVIRONMENT.

Don't use power tools in damp or wet locations or expose them to rain. Keep work area well lit and provide adequate surrounding work space.

6. KEEP CHILDREN AWAY.

All visitors should be kept a safe distance from work area.

7. MAKE WORKSHOP CHILD-PROOF.

Make workshop child-proof with padlocks, master switches or by removing starter keys.

8. USE PROPER SPEED.

A tool will do a better and safer job when operated at the proper speed.

9. USE RIGHT TOOL.

Don't force the tool or the attachment to do a job for which it was not designed.

10. WEAR PROPER APPAREL.

Do not wear loose clothing, gloves, neckties or jewelry (rings, watch) because they could get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair. Roll up long sleeves above the elbows.

11. ALWAYS WEAR SAFETY GLASSES.

Always wear safety glasses (ANSI Z87.1). Everyday eyeglasses only have impact resistant lenses, they are not safety glasses. Also use a face or dust mask if operation is dusty.

12. DON'T OVERREACH.

Keep proper footing and balance at all times.

13. MAINTAIN TOOL WITH CARE.

Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

14. DISCONNECT TOOLS.

Before servicing, when changing accessories or attachments.

15. AVOID ACCIDENTAL STARTING.

Make sure the switch is in the "OFF" position before plugging in.

16. USE RECOMMENDED ACCESSORIES.

Consult the manual for recommended accessories. Follow the instructions that accompany the accessories. The use of improper accessories may cause hazards.

17. NEVER STAND ON TOOL.

Serious injury could occur if the tool tips over. Do not store materials such that it is necessary to stand on the tool to reach them.

18. CHECK DAMAGED PARTS.

Before further use of a tool, the guard or other parts should be carefully checked to ensure that they will operate properly and perform their intended function. Check for alignment of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other parts that are damaged should be properly repaired or replaced.

19. NEVER LEAVE MACHINE RUNNING UNATTENDED.

Turn power "OFF." Don't leave any tool running until it comes to a complete stop.

SPECIFIC SAFETY INSTRUCTIONS FOR ELECTRIC SNOW THROWERS



SPECIFIC SAFETY INSTRUCTIONS

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

Work Area

Do not operate snow thrower in an explosive atmosphere, such as in the presence of flammable liquids, gases, or dust. Electrical appliances create sparks that may ignite the dust or fumes.

Electrical Safety

1. Electrical plugs must match the outlet. Never modify the plug in any way. Do not use any adaptor plugs with grounded appliances. Unmodified plugs and matching outlets will reduce risk of electric shock.
2. 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.
3. Do not abuse the cord. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock. Never carry the snow thrower by its cord or yank the cord to disconnect it from the electrical outlet.
4. Replace or properly repair damaged cords. If cord is damaged in any manner while plugged in, pull the extension cord from the wall receptacle.
5. Contact with water while operating the snow thrower can result in electric shock and serious bodily injury. Do not use the snow thrower in damp or wet locations or expose to rain. Do not handle the plug or the appliance with wet hands or while standing in water.
6. Extension Cord - WARNING - Only use a UL-rated extension cord for OUTDOOR, all-weather use (usually orange color).
7. Turn off the power switch and disconnect the power cable before inspecting, servicing, repairing, or cleaning the snow thrower. Any such operation should be performed after revolving parts inside the snow thrower stop completely.
8. Do not move or transport the snow thrower when the plug is connected to the power source and the switch is turned on.

Personal Safety

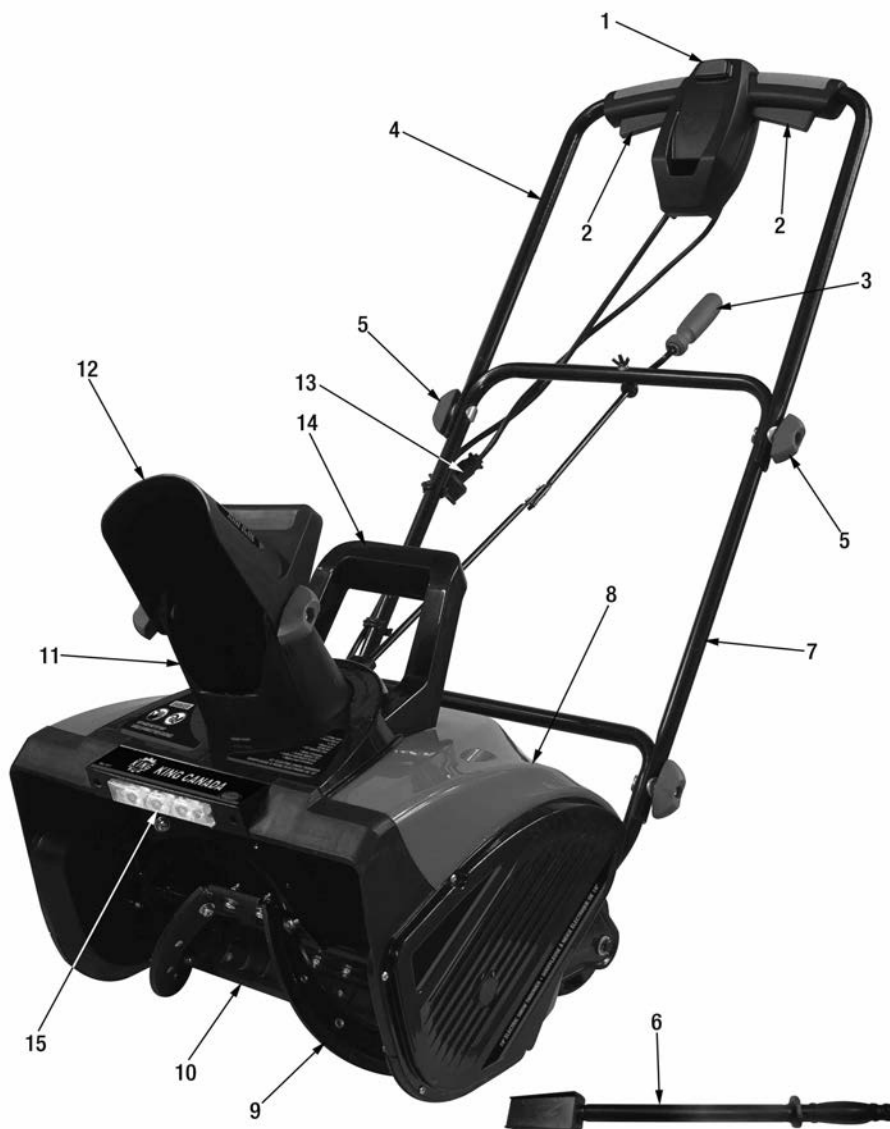
1. Stay alert - Watch what you are doing and use common sense when operating the snow thrower. Do not use the machine when tired, ill, or under the influence of drugs, alcohol, or medication. A moment of inattention may result in serious personal injury.
2. Wear proper clothing - Do not wear loose clothing or jewelry that may become caught in the machine. Wear protective headgear to keep hair away from revolving parts of the machine.
3. Moving parts present risks - Keep your face, hair, clothing, hands and feet away from moving parts. Shut off and disconnect cord before touching any parts other than the handles and switch.
4. Surfaces - This snow thrower is intended for use on paved surfaces. Do not use on gravel, stone, or other unpaved surfaces.
5. Avoid accidental starting - Make sure the switch is in the off position before plugging in the unit. Do not carry the snow thrower with your finger on the switch.
6. Body position - 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 damage.

Snow thrower Use and Care

1. Know your snow thrower - Familiarize yourself with the main parts of your snow thrower. Read instruction 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. Otherwise, it may cause mechanical defaults, serious damage or personal injury.
2. 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.
3. Preliminary area inspection - Clear the area to be plowed before each use. Remove all objects such as rocks, broken glass, nails, wire, or string, which can be thrown by or become entangled in the snow thrower. Keep the area of operation clear of other people and pets.
4. Excessive force - The snow thrower was designed to respond at a certain rate for various snow conditions for optimum safety and performance. Do not force it; keep pressure constant.
5. Malfunctioning switch - Do not use the snow thrower if the switch does not turn it on and off. Any electrical appliance that cannot be controlled by the switch is not safe to use and must be repaired.
6. Hitting an object - If the snow thrower accidentally strikes an object, stop the snow thrower; inspect for damage; repair or replace any damaged part before restarting and operating the snow thrower.
7. Discharge chute safety - Never direct the snow discharge chute at the operator, at bystanders, at vehicles or at windows. Thrown snow and 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, use the supplied small snow shovel. Stop the motor before removing debris.
8. Store safely - Store 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.



GETTING TO KNOW YOUR ELECTRIC SNOW THROWER



1. Starting safety button.
2. On/Off triggers (snow blower and LED).
3. Adjustable chute crank handle.
4. Top frame/handle assembly.
5. Quick release lock knob (1 of 4).
6. Snow clearing stick.

7. Middle frame.
8. Snow thrower housing.
9. Rubber-tipped auger blades.
10. Rear scraper.
11. 180° adjustable chute.
12. Chute deflector.

13. Power cord (polarized)/extension cord lock system.
14. Carry handle.
15. LED light.

MODEL	9918
Clearing width	18"
Clearing depth	10"
Throw distance	30 feet
Capacity per minute	650 lbs
Motor amperage	13 Amp.
Voltage	120V, 1 phase, 60 Hz

ELECTRICAL INFORMATION



WARNING!

ALL ADJUSTMENTS OR REPAIRS MUST BE DONE WITH THIS POWER TOOL DISCONNECTED FROM THE POWER SOURCE. FAILURE TO COMPLY MAY RESULT IN SERIOUS INJURY!

GENERAL INFORMATION- 120V single phase operation

This snow thrower comes with a 13 Amp. 120V single phase motor.

WARNING!

YOUR SNOW THROWER MUST BE CONNECTED TO A 110V-120V, 15 AMP. 1 phase electrical supply. FAILURE TO CONNECT IN THIS WAY CAN RESULT IN INJURY FROM SHOCK OR FIRE.

The snow thrower polarized plug (A) Fig.1 is intended for use with a polarized UL outdoor rated extension cord (B) as illustrated in Fig.1.

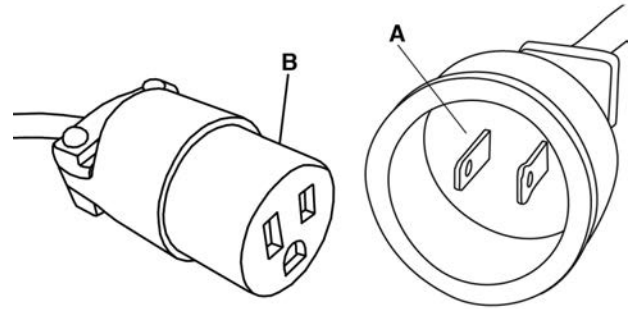


FIGURE 1

DOUBLE INSULATION

Double insulated tools are equipped with a polarized plug (Fig.1- one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not alter or change the plug in any way. Double insulation eliminates the need for three wire grounded power cords and grounded power supply system.

EXTENSION CORDS

Always use UL or CSA listed 2-prong polarized extension cords rated for outdoor use. The use of any extension cord will cause some loss of power. Use the table (Fig.2) to determine the minimum wire size (A.W.G-American Wire Gauge) extension cord needed.

For circuits that are further away from the electrical circuit box, the wire size must be increased proportionately in order to deliver ample voltage to the motor. Refer to Fig.2 for wire length and size.

Tool's Amperage Rating	Cord Size in A.W.G.			
	Cord Length in Feet			
	25	50	100	150
3-6	18	16	16	14
6-8	18	16	14	12
8-10	18	16	14	12
10-12	18	16	14	12
12-16	14	12	-	-

FIGURE 2

WARNING!

Replace damaged cords immediately. Use of damaged cords can shock, burn or electrocute.

CONNECTING EXTENSION CORD TO SNOW THROWER PLUG

To prevent the extension cord (A) Fig.3 from disconnecting during use, lock the extension cord in the cord retainer (B) as shown before connecting the tools plug to an extension cord.

Plug the female end of the extension cord (C) Fig.3 into the tool's polarized plug (D).

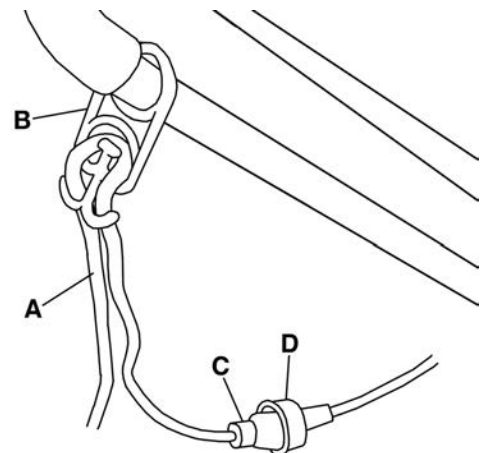


FIGURE 3



ASSEMBLY

ASSEMBLY INSTRUCTIONS

1. Hold the middle frame (A) Fig.4 so that the screw holes align with the holes on the lower frame (B).

Note: Make sure the middle frame is held upright, positioning the middle frame in the reverse direction will prevent proper assembly.

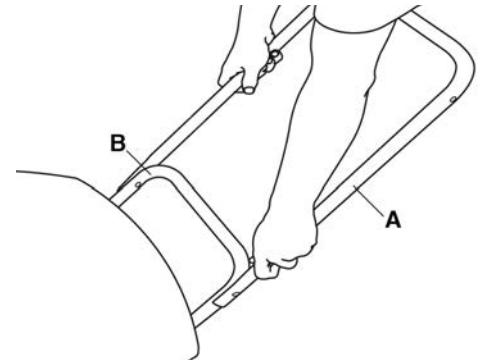


FIGURE 4

2. Insert the joint fixing bolt (A) Fig.5 into the aligned holes on each side. Place washers (B) on the joint fixing bolts outside of the frame as shown.

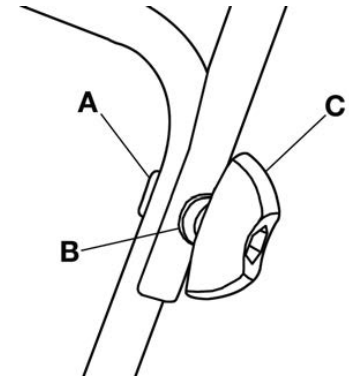


FIGURE 5

4. Hold the upper frame (A) Fig.6 so that the screw holes align with the holes in the middle frame (B).

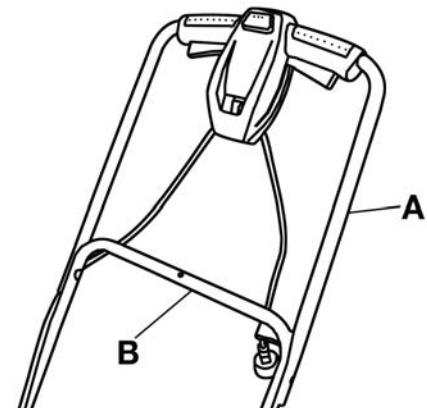


FIGURE 6

5. Insert the joint fixing bolt (A) Fig.7 into the aligned holes on each side. Place washers (B) on the joint fixing bolts outside of the frame as shown.

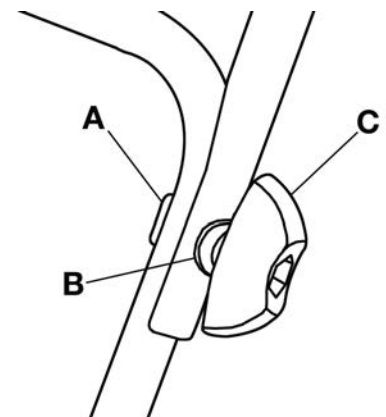


FIGURE 7

6. Use the quick release lock knobs (C) Fig.7 to secure the connection.

ASSEMBLY



ASSEMBLY INSTRUCTIONS

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

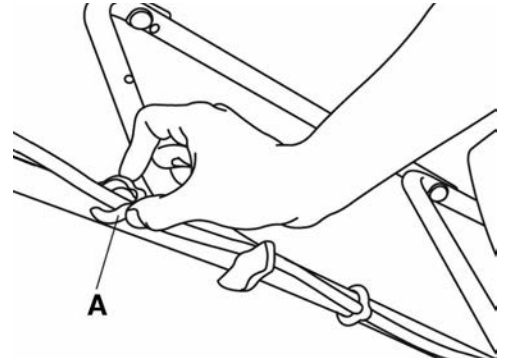


FIGURE 8

8. Loosen the two knobs on the chute deflector (A) Fig.9. Lift the chute deflector (A) so that it snaps and locks securely onto the discharge chute (B).

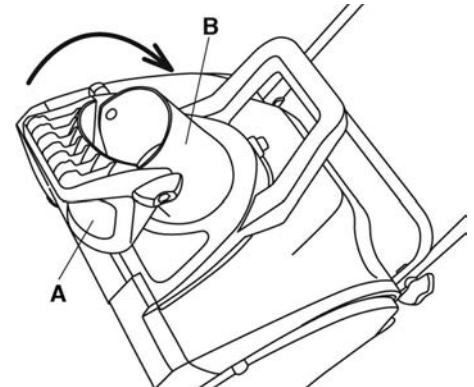


FIGURE 9

9. Raise or lower the chute deflector (A) Fig.10 to the desired height and tighten the chute deflector knobs (B).

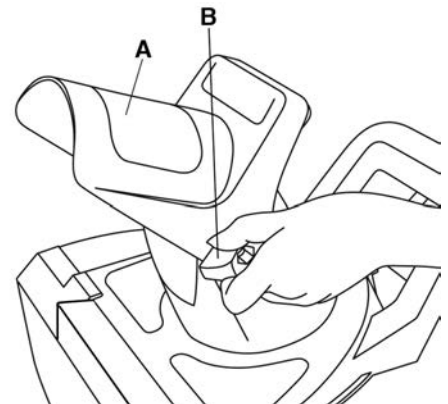


FIGURE 10

10. Locate the upper chute crank (A) Fig.11 in the parts bag. Remove the screws (B) and spring washers (C) from the upper chute crank (A).

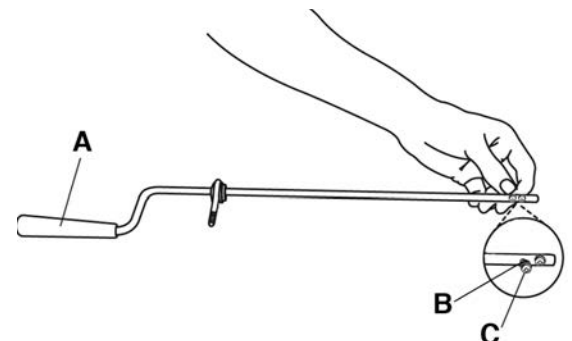


FIGURE 11



ASSEMBLY

ASSEMBLY INSTRUCTIONS

11. Position the upper chute crank (A) Fig.12 over the lower chute crank (B), aligning the screw holes.

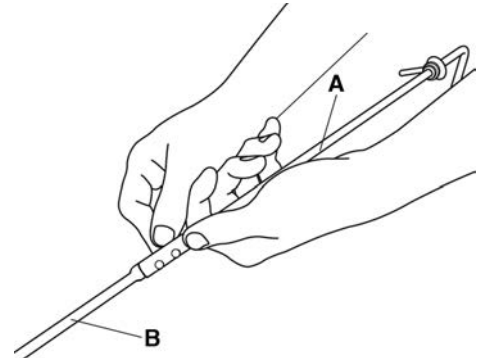


FIGURE 12

12. Tighten the screws (A) and spring washers (B) Fig.13 into the aligned holes using a Phillips screwdriver.

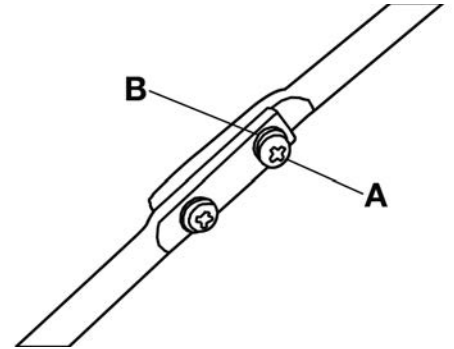


FIGURE 13

13. Loosen the screw (A) Fig.14 on the discharge chute base (B) with a screwdriver (C).

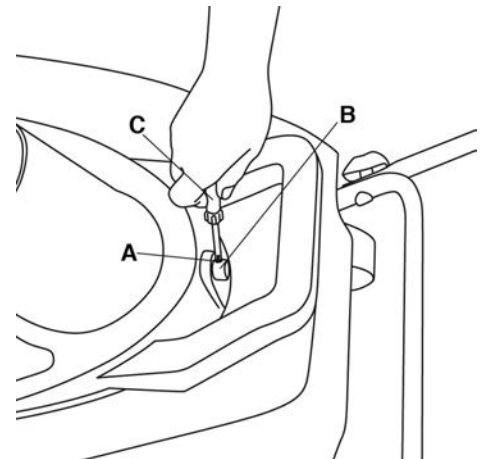


FIGURE 14

14. Insert the chute crank (A) Fig.15 into the hole on the discharge chute base (B). Retighten the screw (C) with a screwdriver (D).

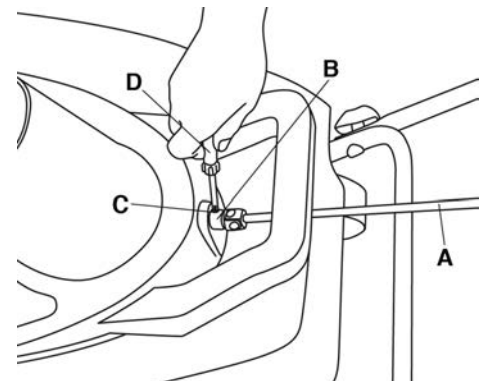


FIGURE 15

ASSEMBLY & OPERATION



ASSEMBLY INSTRUCTIONS

15. Remove the washer (A) Fig.16, spring washer (B) and wing nut (C) from the eye bolt with rubber grommet (D) found on the upper chute crank (E).

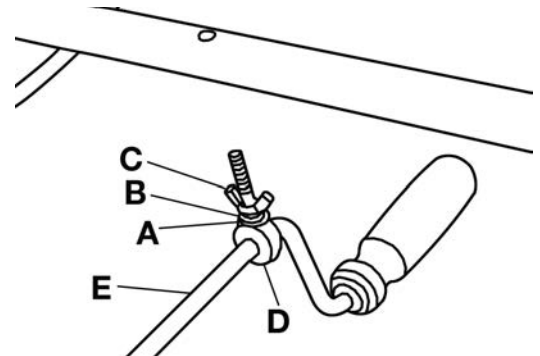


FIGURE 16

16. Position the chute crank (A) Fig.17 so that the eye bolt with rubber grommet (B) inserts into the centre hole of the middle frame (C). Secure with washer, spring washer and wing nut (D).

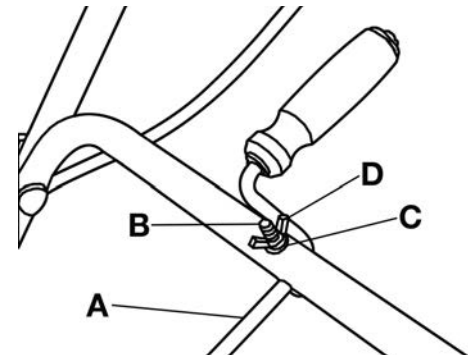


FIGURE 17

OPERATING INSTRUCTIONS

Note: Before using this machine, make sure that the power source you will use complies with the specifications detailed in this manual. Before inserting the plug into the socket, verify that the snow thrower's auger and scraper are firmly attached with screws. Perform a test run to ensure that the rotor turns freely.

SECURING THE EXTENSION CORD

1. For safe and efficient use of your snow thrower, use only a UL-rated extension cord recommended for outdoor use.

WARNING!

Electric shock may cause SEVERE INJURY or DEATH. Heed these warnings:

- Do not allow any part of snow thrower to make contact with water while powered on. If the appliance becomes wet while turned off, wipe dry before starting.
- Use only a UL-rated extension cord for outdoor, all-weather use. Do not use an extension cord more than 46 metres (150 feet) long.
- Don't touch the appliance or its plug with wet hands or while standing in water. Wearing rubber boots offers some protection.

2. Note that the snow thrower has a polarized male plug (A) Fig. 18, with one prong in the socket slightly longer and wider than the other. The extension cord female end should be likewise polarized, so that the extension cord fits snugly into the socket.

3. To prevent the extension cord from disconnecting during use, lock the extension cord in the cord retainer (A) Fig.19 as shown before connecting the tools plug to an extension cord.

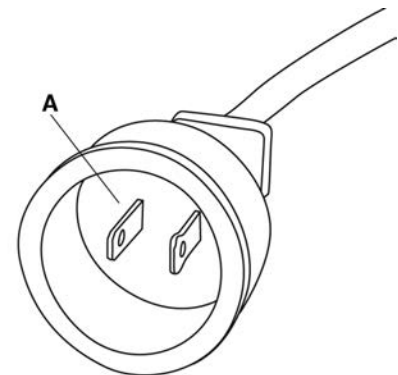


FIGURE 18

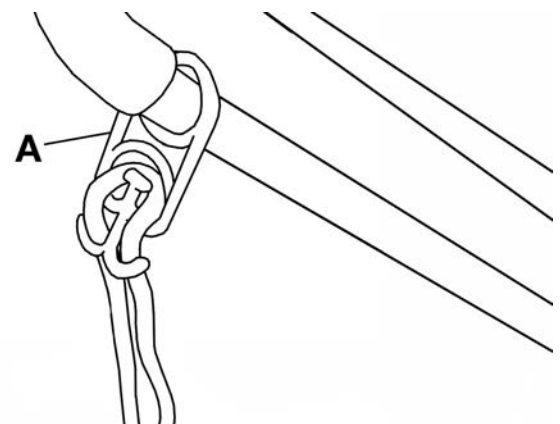


FIGURE 19



OPERATION

OPERATING INSTRUCTIONS

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.

POWERING ON AND OFF (SNOW BLOWER AND LED LIGHT)

1. Press and hold the starting safety switch button (A) Fig.20.
2. To power on, pull the trigger(s) (B).

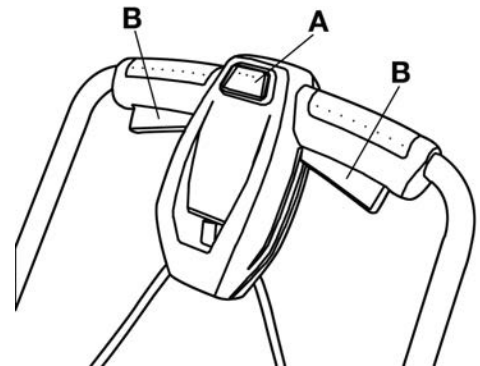


FIGURE 20

Note: This snow thrower can only be started by pressing and holding the starting safety switch button first, followed by squeezing one of the triggers. Reverse operation cannot start the machine or turn on the LED light.

3. To power off, release your grip on the trigger(s) (B).

CHANGING THROW DIRECTION AND THROW HEIGHT

Warning!

Never direct the snow discharge chute at the operator, at bystanders, at vehicles or at nearby windows. Discharged snow and foreign objects accidentally picked up by the snow thrower can cause serious damage and personal injury.

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

1. The discharge chute (A) Fig.21 can be adjusted 180 degrees by rotating the chute crank (B). Rotate the chute control crank (B) clockwise to move the discharge chute (A) to the left, counterclockwise to move the chute to the right.
2. The chute deflector (A) Fig.22 on the top of the discharge chute (B) controls the height of the snow stream. Loosen both chute deflector knobs (C) to raise or lower the deflector to the desired height you wish to throw the snow. Tighten the knobs to secure the deflector.

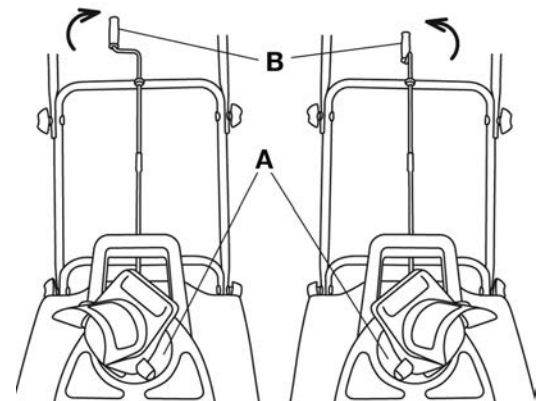


FIGURE 21

Note: Do not overtighten the chute deflector knobs (C).

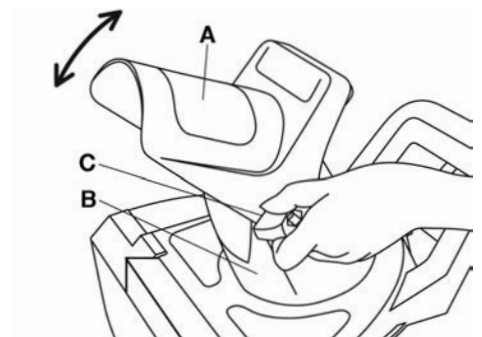


FIGURE 22

OPERATION & MAINTENANCE



OPERATING INSTRUCTIONS

MOVING THE MACHINE AND PLOWING THE 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 unit's throw rate.
- Do not apply additional man-made load to the engine 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.

CARE AND MAINTENANCE INSTRUCTIONS

WARNING!

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

- Run the snow thrower for a few minutes to melt away any snow on the snow thrower. Turn the snow thrower's power off.
- Disconnect the extension cord from the snow thrower.
- Examine the extension cord thoroughly for signs of wear or damage. Replace it if it is worn or damaged.
- Examine the snow thrower thoroughly for worn, loose bolts or damaged parts.
- Store the extension cord with the snow thrower.
- 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.

WARNING!

All repairs, electrical or mechanical, should be attempted only by trained repairmen. Contact the nearest King Canada Service Centre. Use only identical replacement parts, any other may create a hazard.