

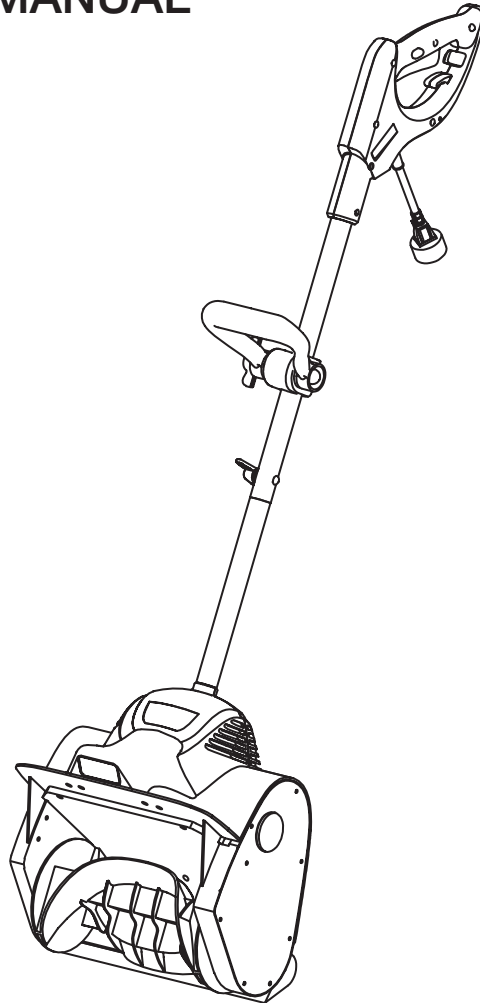


YARD FORCE®

OUTDOOR POWER EQUIPMENT

MODEL:YF6012-LE

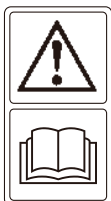
Electric 12" (30.5 cm) Snow Shovel OPERATOR'S MANUAL



Our Customer Service staff is ready to provide assistance.

In the case of a damaged or missing part, most replacement parts ship directly from Merotec USA in Atlanta or from one of our service partners in the US.

For immediate help with assembly, or for additional product information, email support@MerotecUSA.com or call 866-902-9690 M-F 8:30am – 5:00pm ET. More information can be found on www.YardForceUSA.com.



SAVE THIS MANUAL FOR REFERENCE

You will need this manual for safety instructions, operating procedures, and Warranty. The original sales receipt is required for warranty service.

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SAVE THESE INSTRUCTIONS

This manual contains important safety and operating instructions. Read all instructions and follow them with use of this product.

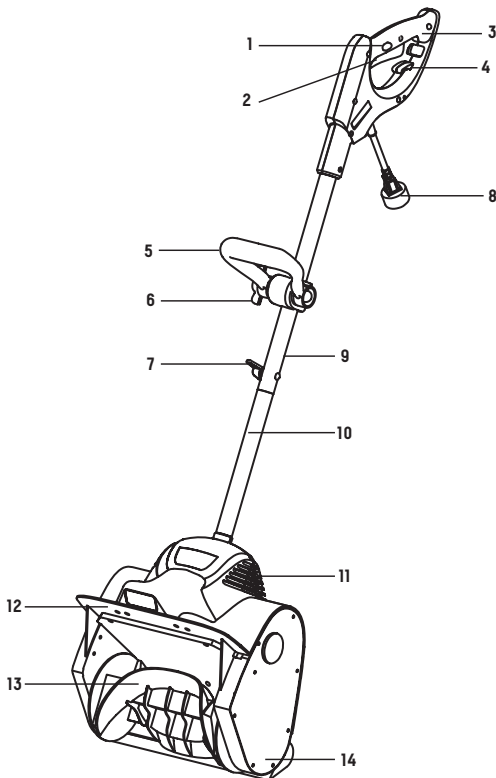
TECHNICAL SPECIFICATIONS

Rated voltage	120 V 60 Hz
Power	10 A
No load speed	Up to 2500 RPM
Paddle size	6 in (15.24 cm)
Clearing width	12 in (30.5 cm)
Clearing depth	6 in (15.24 cm)
Throw Distance (Max)	Up to 20 ft (6 m)
Plowing capacity (Max)	300 lbs (136 kg)/min
LED light	1 W
Weight	13 LB 2 OZ (6 KG)

8	Appliance cord
9	Upper tube
10	Lower tube
11	Motor housing
12	1 W LED light
13	2-blade paddle
14	Scraper blade

PARTS LIST

KNOW YOUR SNOW SHOVEL



No.	Part
1	Safety lock button
2	Trigger switch
3	Upper handle
4	Extension cord hook
5	Adjustable handle
6	Handle knob
7	Joint-fixing knob and bolt

INTENDED USE

This electric snow shovel is intended for outdoor, residential use only. Do not use this product indoors or for commercial or industrial purposes.

SAFETY INFORMATION

READ ALL INSTRUCTIONS!



READ & UNDERSTAND OPERATOR'S MANUAL



WARNING: Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles. For more information, go to www.P65Warnings.ca.gov.

IMPORTANT

Please read these instructions fully before assembling and operating.

Description of Symbols

Symbols are used in this manual to advise you of possible risks. The safety symbols and the explanations which accompany them must be perfectly understood. The warnings themselves do not prevent the risks and cannot be a substitute for proper methods of avoiding accidents.

Warning Symbols on the product



READ THE OPERATOR'S MANUAL(S)
 – Read, understand and follow all instructions in the user manual(s) before attempting to assemble and operate.



SAFETY ALERT – Indicates a precaution, a warning or a danger.



WARNING! Electrical shock hazard.



WARNING! Do not expose the unit to rain or wet conditions. Keep dry.



DANGER! Cutting/dismemberment hazard - Keep feet away from the rotating paddle.



DANGER! Cutting/dismemberment hazard - Keep hands away from the rotating paddle. Do not use hands to unclog rotor housing. Stop motor before removing debris.



Keep the flexible power supply cord away from the rotating paddle.



Wear safety gloves during use to protect hands.

Wear safety footwear at all times to provide protection against objects that may accidentally fall on feet.



Keep bystanders and children a safe distance (at least 11 yd/10 m) away from the work area.



CAUTION! Beware of stones and other foreign objects that could be thrown from the product.



Always keep the power cable away from heat sources, oils or sharp edges. Immediately remove plug from the mains if the cable is damaged, frayed or entangled.



Wear hearing and eye protection.



WARNING! Turn the machine OFF and disconnect it from the power supply before inspecting, cleaning, changing accessories or conducting any other maintenance task.



Double Insulation.



STOP

The rotating part will continuously run for several seconds after you turn off the machine.

General Safety WARNINGS!

You and any other operator of this snow shovel must read, understand and follow these instructions in their entirety, and should reread them at the start of each snow season.

Failure to follow these instructions may result in ELECTRIC SHOCK, FIRE and/or serious PERSONAL INJURY.

Pay attention to the personal safety alert symbols used in this manual to inform you of the WARNING associated with the particular operating instruction. This means that the operations requires special, ATTENTION, CAUTION and AWARENESS.

1. **Replacement parts** – When servicing this unit, use only identical replacement parts. Replace or repair damaged cords immediately. Do not use on gravel surfaces unless the snow shovel is adjusted for such surfaces in accordance with the operator's manual.
2. **Keep children, bystanders and pets away** – All spectators, including pets, should be kept a safe distance away from the work area.
3. **Dress properly** – Do not wear loose articles of clothing or jewellery. They can become caught in moving parts. Wear rubber or winter boots. The electric snow shovel should not be operated in the hand-held position except when the instructions provided in this manual deem such use permissible.
4. **Extension cords** – To prevent disconnection of the snow shovel cord

from the extension cord during operation, secure the extension cord to the product as shown on page 9 in Figs. 5 & 6.


 **WARNING!** To prevent electric shock, use only with an extension cord suitable for outdoor use.

5. **Avoid accidental starting** –Do not carry the electric snow shovel with your finger on the switch. Make sure the switch is off before plugging in the unit. If the cord is damaged in any manner during operation, pull the extension cord from the wall receptacle.
6. **Do not abuse the cord** – Never carry the electric snow shovel by the cord or yank the cord to disconnect it from the receptacle. Keep the cord away from heat, oil and sharp edges.
7. **Moving parts** – Keep hands and feet away from moving parts. Keep guards in place and in proper working order.
8. **Do not force the tool** – It will perform better with less likelihood of personal injury or mechanical damage if it is used at the rate for which it was designed.
9. **Do not overreach** – Keep proper footing and balance at all times. If the electric snow shovel strikes a foreign object, follow these steps:
 - Stop the electric snow shovel.
 - Inspect for damage.
 - Repair any damage before restarting and operating the snow shovel.
10. **Disconnect the tool** – Disconnect the electric snow shovel from the power supply when it is not in use, before servicing it, when changing accessories and when performing any other maintenance task.
11. **Store idle tool indoors** – When not in use, the electric snow shovel should be stored indoors in a dry, locked place out of the reach of children.
12. **Maintain the electric snow shovel with care** – Follow the applicable maintenance instructions for replacing parts and changing accessories. Lubrication is not required.

This electric snow shovel meets or exceeds the B71.3 specifications of the American National Standards Institute in effect at the

time of production.

Read and understand the contents of this manual before you start the motor.

 This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

Improperly using or maintaining this electric snow shovel could result in injury or death. To reduce this potential, comply with the following safety instructions.

This electric snow shovel can amputate hands and feet if used incorrectly. It can also pick up foreign objects, which can become dangerous projectiles when thrown into the air. Failure to observe the following safety instructions could result in serious personal injury.

Training

Read, understand and follow all instructions on the machine and in the manual before operating this unit. Thoroughly familiarize yourself with the controls and the proper use of the equipment. Know how to stop the unit and disengage the controls quickly.

Children should never be allowed access to the equipment. Adults should never operate the equipment without carefully reading and understanding these instructions.

Keep the area of operation clear of all persons, particularly small children and pets.

Exercise caution to avoid slipping or falling.

Preparation

Thoroughly inspect the area where the equipment is to be used and remove all doormats, sleds, boards, wires and other foreign objects.

Do not operate the equipment without wearing adequate winter garments. Avoid loose fitting articles of clothing and accessories that can become caught in moving parts. Wear footwear that will improve footing on slippery surfaces.

Do not attempt to clear snow from a gravel or crushed rock surface. This product is intended for use only on paved surfaces.

Never attempt to make any adjustments while the motor is running (except when specifically recommended by the manufacturer).

Always wear safety glasses or eye shields during operation or while performing an adjustment or repair to protect your eyes from foreign objects that may be thrown from the machine.

OPERATION

1. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
2. Exercise extreme caution when operating on or crossing gravel drives, walks or roads. Stay alert for hidden hazards or traffic.
3. After striking a foreign object, stop the motor. Thoroughly inspect the electric snow shovel for any damage, and repair the damage before restarting and operating the electric snow shovel.
4. If the unit should start to vibrate abnormally, stop the motor and check the unit immediately to ascertain the cause. Vibration is generally a sign of trouble.
5. Stop the motor and disconnect the electric snow shovel from the power supply whenever you leave the operating position, when transporting the unit, before unclogging the rotor blade housing and when making any repairs, adjustments or inspections to the unit.
6. When cleaning, repairing or inspecting the electric snow shovel, make sure that all moving parts have come to a complete stop before beginning work.
7. Exercise extreme caution when operating on slopes.
8. Never operate the electric snow shovel without proper guards and other safety devices in place and in proper working order.
9. Never direct the discharge toward people or areas where property damage can occur. Keep children, pets and other bystanders away from the work area.
10. Do not overload the machine capacity by attempting to clear snow at too fast a rate.
11. Look behind and use care when backing up with the electric snow shovel.
12. Make sure the 2 W LED light is operational when using the electric snow shovel at night or under conditions of poor visibility. Always check your footing during operation and keep a firm hold on the handles. Walk, never run, with the unit.

CLEARING A CLOGGED DISCHARGE CHUTE

Hand contact with the rotating paddle inside the rotor housing is the most common cause of injury associated with electric snow shovels. Never use your hands to clear a clogged rotor housing.

To clear the rotor housing:

- Shut the motor off and disconnect the unit from the power supply.
- Wait 10 seconds to be sure the rotating paddle have come to a complete stop.
- Always use a clean-out tool, not your hands, to free the rotating paddle.

MAINTENANCE AND STORAGE

- Check all fasteners at frequent intervals for proper tightness to ensure that the equipment is in safe working condition.
- Always refer to the operator's manual for important details, such as how to properly store your electric snow shovel for an extended period of time.
- Maintain or replace safety and instruction labels as needed.
- Run the machine a few minutes after throwing snow to prevent the paddle from freezing.

DOUBLE-INSULATED: GROUNDING NOT REQUIRED. WHEN SERVICING, USE ONLY IDENTICAL REPLACEMENT PARTS.

- This electric snow shovel is double-insulated, eliminating the need for a separate grounding system. Use only identical replacement parts. Read the instructions before servicing double-insulated products. Use this snow shovel only as described in this manual.
- Electrical Safety
- Ground fault circuit interrupter (GFCI) protection should be provided on the

circuit(s) or outlet(s) to be used for this electric snow shovel. Receptacles are available having built-in GFCI protection and may be used for this measure of safety.

- To prevent electric shock, use only with an extension cord suitable for outdoor use.

Before use, check that the extension cord is in good condition. When using an extension cord, make sure to use one heavy enough to carry the current your product will draw. For lengths less than 50 ft (15 m), a No.16 AWG (or greater) extension cord should be used. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.

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

- Do not allow any part of the electric snow shovel to make contact with water while it is in operation. If the product becomes wet while turned off, wipe dry before starting.
- Use only a UL-, CSA- or ETL-rated extension cord for outdoor, all-weather use.
- Do not use an extension cord over 100 ft (30 m).
- Do not touch the product or its plug with wet hands or while standing in water. Wearing rubber or winter boots offers some protection.

EXTENSION CORD CHART

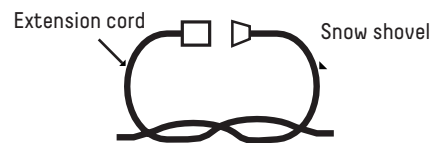
Extension Cord Length	Up to 50 ft (15 m)	50–100 ft (15–30 m)
Wire Gauge (AWG):	16	14

- To reduce the risk of electric shock, this product has a polarized plug (i.e. one blade is wider than the other). Use this appliance only with a polarized UL-, CSA-, or ETL-listed extension cord recommended for outdoor, all-weather use. The plug will fit into a polarized extension cord only one way. If the plug does not fit fully into the extension cord, reverse the plug. If the plug still does not fit, obtain a correct polarized extension cord. A polarized extension cord will require the use of a polarized wall outlet. The extension cord plug will fit into the polarized wall outlet only one way. If

the plug does not fit fully into the wall outlet, reverse the plug. If the plug still does not fit, contact a qualified electrician to install the proper wall outlet. Do not modify the plug, extension cord receptacle, or extension cord plug in any way.

To prevent the Snow shovel cord from disconnecting from the extension cord during operation, make a knot with the two cords as shown below.

Method of Securing Extension Cord



(A) Tie cord as shown



(B) Connect plug and receptacle

Do not modify the cord. Never pull the snow shovel by the cord or yank the cord to disconnect it from the receptacle. Keep the cord away from heat, oil, and sharp edges.

ASSEMBLY

CAUTION! Read complete INSTRUCTION MANUAL before operating this machine.

Unpacking

Carton contents

- Electric snow shovel X1
- Joint-fixing knob and bolt X1
- Adjustable handle and knob X1
- Manual X1

1. Carefully remove the electric snow shovel 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.

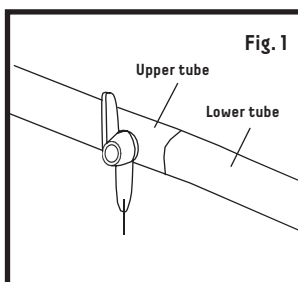
NOTE: Do not discard the shipping carton and packaging material until you are ready to use your new electric snow shovel. The packaging is made of recyclable materials. Properly dispose of these materials in accordance with local regulations.

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!

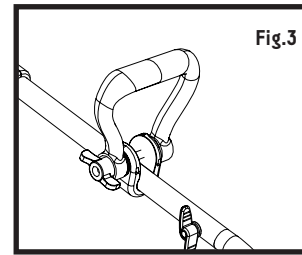
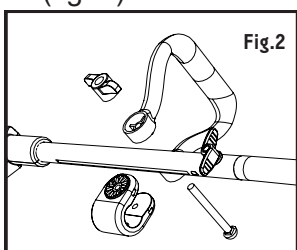
Assembly

Connecting the Upper and Lower Tubes

1. Fit the upper and lower tubes together and tighten the joint-fixing knob (Fig. 1).



2. Assemble the adjustable handle and tight the handle knob (fig 2).

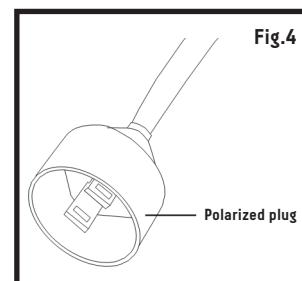


NOTE: the tip on the lower clip shall be inserted to the solt on the upper tube.

Operation

Connecting to a Power Source

To reduce the risk of electric shock, this appliance has a polarized plug (i.e. one blade is wider than the other; see Fig. 4).



Use this appliance only with a polarized UL-, CSA- or ETL- listed extension cord recommended for outdoor, all-weather use.

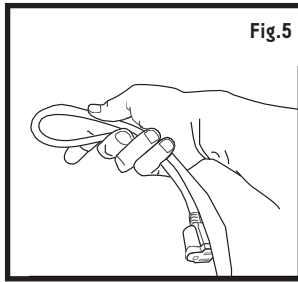
The appliance plug will fit into a polarized extension cord only one way. If the appliance plug does not fit fully into the extension cord, reverse the plug. If the plug still does not fit, obtain a correct polarized extension cord. A polarized extension cord will require the use of a polarized wall outlet. The extension cord plug will fit into the polarized wall outlet only one way. If the plug does not fit fully into the wall outlet, reverse the plug. If the plug still does not fit, contact a qualified electrician to install the proper wall outlet. Do not modify the appliance plug, extension cord receptacle or extension cord plug in any way.

IMPORTANT: Check the extension cord frequently during use for holes or cracks in the insulation. Do not use a damaged cord. Do not run the cord through standing water or wet grass.

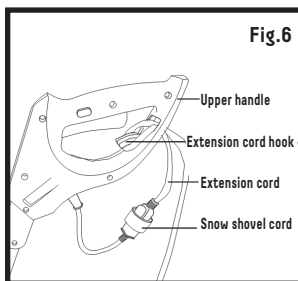
Use only an extension cord recommended for outdoor use.

Securing the Extension Cord

1. Make a loop with the extension cord (Fig. 5)



2. Insert the loop through the opening in the back of the upper handle and secure the loop onto the extension cord hook (Fig. 6).



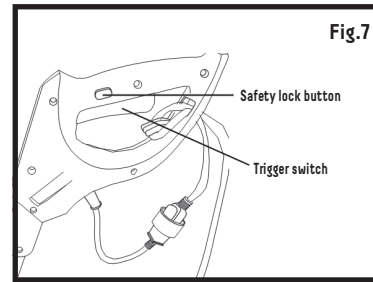
3. Connect the extension cord to the snow shovel cord.

NOTE: Securing the extension cord in this way helps to prevent you from accidentally disconnecting the extension cord from the snow shovel during operation.

4. Plug the extension cord into a wall outlet.
5. Keep the area to be cleared free of stones, toys or other foreign objects that the rotating paddles might pick up and throw. Such items could be covered by snow and are easy to overlook, so be sure to conduct a thorough inspection of the area before operating the snow shovel.

Starting and Stopping

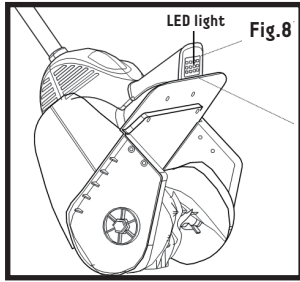
1. To start the electric snow shovel, push and hold the safety lock button on the top of the handle grip with your thumb and then squeeze the trigger switch with your fingers. Once the machine powers on, you can release the safety lock button and proceed with operation (Fig. 7).
2. To stop the electric snow shovel, release the trigger switch (Fig. 7).



Operating Tips

- Start the electric snow shovel and tilt it forward until the scraper blade at the base of the unit contacts the ground. Push the shovel forward at a comfortable rate, yet slow enough to clear the path completely. The clearing width of the snow shovel and the depth of snowfall should dictate your forward speed.
- Direct the snow discharge to the right or to the left by holding the electric snow shovel at a slight angle.
- To remove snow most efficiently, throw the snow downwind and slightly overlap each swath.
- If you need to clear snow from a crushed rock or gravel surface, push down on the handle to clear the scraper of any loose material that the rotating paddles could throw.
- This electric snow shovel cuts a path 12 in. (30.5 cm) wide and up to 6 in. (15.24 cm) deep in one pass.
- When clearing deeper drifts, hold the electric snow shovel by the upper and lower handles and use a swinging or sweeping motion. Remove up to 6 in. (15.24 cm) of snow with each pass and repeat as many times as needed.
- Keep the cord clear of obstructions, sharp objects and the rotating paddles. Do not pull sharply on the cord or abuse it in any manner. Frequently inspect the cord for signs of damage. If damage is found, replace the cord immediately.
- This electric snow shovel is equipped with a 1 W LED light to facilitate clearing at night and under conditions of poor visibility (Fig. 8). When you start the machine, the LED light will automatically power on and illuminate the path in front of you. When you stop the machine, the LED light will automatically power off.
- Disconnect the extension cord after using the electric snow shovel. Hang the extension cord with the shovel so it will not be misplaced or

damaged.



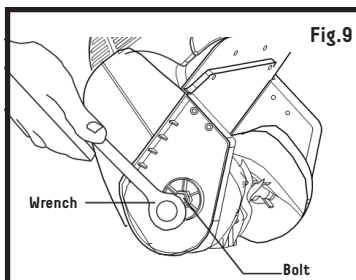
WARNING! Disconnect the extension cord before performing any maintenance task.

If the extension cord is plugged into the snow shovel, someone could accidentally turn on the unit while you are performing maintenance on it, which could result in serious personal injury.

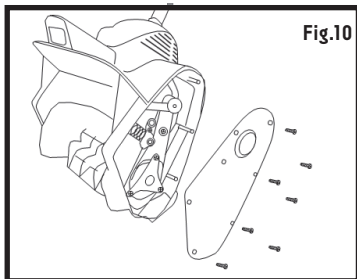
Replacing the Paddle

WARNING! Disconnect the power supply to the electric snow shovel before beginning work.

1. Use a wrench to remove the bolt and the washer on the right side of the housing (Fig. 9).

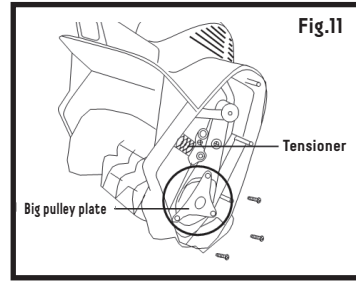


2. Using a cross-head screwdriver, disassemble the left side cover by removing the seven (7) screws (Fig. 10).

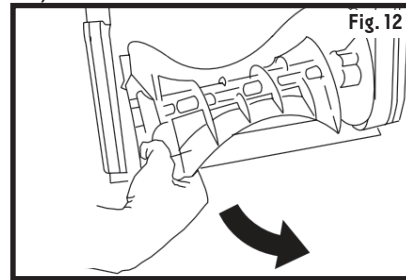


3. Remove the tensioner. Unscrew the three (3) screws securing the big pulley plate, then remove the plate and pulley assembly

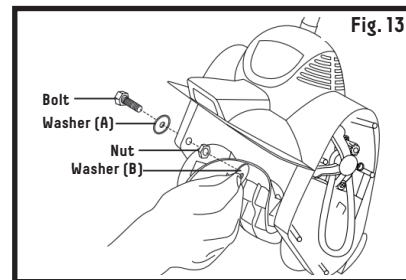
(Fig. 11).



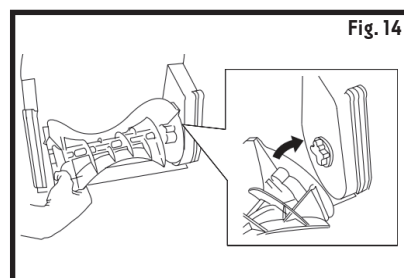
4. Remove the old paddle from the housing (Fig. 12).



5. To install the new paddle, place the washer (A) back onto the bolt (removed in step 1) and insert the bolt so that it protrudes slightly into the housing of the unit. Thread the nut and then the other washer (B) onto the bolt. Fit the new paddles onto the end of bolt and tighten the bolt (Fig. 13).

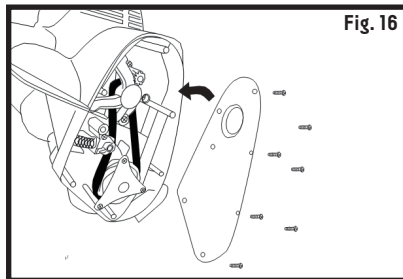
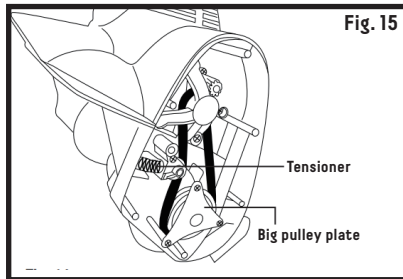


6. Reinstall the big pulley plate and align it with the other end of the paddles. After fitting the paddles into position, secure the big pulley plate with the three (3) screws (Fig. 14).



NOTE: The housing will flex to allow for installation of the new paddle.

7. Place the tensioner back into position. Rotate the paddles to ensure that the belt and paddles move freely, then reinstall the cover by securing it with the seven (7) screws (Figs. 15 & 16).

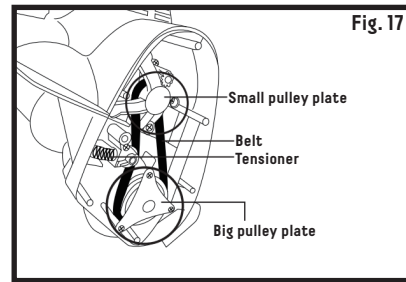


WARNING! Do not power the unit until the cover guard is securely in place to prevent damage or injury.

Replacing the Belt

WARNING! Disconnect the power from the electric snow shovel before performing these tasks.

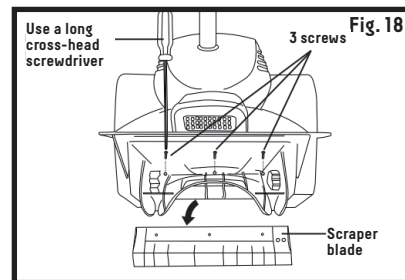
1. Disassemble the left side cover by removing the seven (7) screws (Fig. 10).
2. Remove the tensioner (Fig. 17).
3. Unscrew the three (3) screws from the big pulley plate and the four (4) screws from the small pulley plate (Fig. 17).
4. Replace the worn belt with a new belt.
5. Screw the big and small pulley plates back into position, then reinstall the tensioner.
6. Place the left side cover back into position and refasten the seven (7) screws.



Replacing the Scraper Blade

WARNING! Disconnect the power from the electric snow shovel before performing this task.

1. Position the paddles so that you can gain access to the three (3) screws that secure the scraper blade to the base of the unit.
2. Using a long cross-head screwdriver, remove the three (3) screws and the old scraper blade (Fig. 18).
3. Install the new scraper blade and fasten it securely to the snow shovel with the three (3) screws.



Lubricating the Electric Snow Shovel

This electric snow shovel does NOT need lubrication. All bearings are lubricated at the factory for the life of the product.

Storage

1. Examine the electric snow shovel thoroughly for worn, loose or damaged parts. Should you need to repair or replace a part.
2. Examine the extension cord thoroughly for signs of excess wear or damage. If it is worn or damaged, replace it immediately.
3. Disconnect the extension cord from the electric snow shovel before storing.
4. Store the cord with the electric snow shovel indoors in a clean, dry and locked location out of the reach of children and animals.

NOTE: Devices for storing extension cords are commercially available, should you wish to purchase one.

WARRANTY

Product Warranty

Please keep your original purchase receipt in a safe place as proof of purchase.

Warranty coverage for this product must be verified by the original purchase receipt.

The warranty period begins on the day that the product was purchased from an authorized retailer of Yard Force products. Warranty coverage only applies to the original purchaser and is not transferrable. Warranty coverage is only provided on products purchased from authorized Yard Force retailers.

Warranty only applies to products purchased and OPERATED in the USA. Any product purchased or operated outside of the USA is not covered by any warranty.

(1) Two-Year Limited Warranty

The Yard Force Outdoor Power Equipment has a Two-Year Limited Warranty from the date of purchase against manufacturer defects

for residential use only. Commercial use voids the warranty. This warranty does not cover accidental damage, unreasonable use, normal wear and tear, neglect or non-compliance with the Operating, Safety and Maintenance Instructions. All service, outside of normal maintenance as described in this manual, must be done by an authorized service technician. Any unauthorized service or changes to the original configuration of this product will void the warranty. All parts and accessories used on and with this product must be manufactured and/or authorized by Merotec Inc.

(2) Ninety-Day Warranty – Accessories

The accessories included with the machine including belt, auger, and other similar parts are warranted against manufacturer defects for residential use only for a period of 90 days from date of purchase. Warranty does not cover loss of use or other consequential damages arising from any of the above, nor does it cover repairs made or attempted by unauthorized persons.

This warranty is void if the product is used for commercial, rental or industrial purposes.

Certain parts, attachments and accessories are subject to normal wear and tear and are excluded from the warranty.

Service and Warranty Claims Process

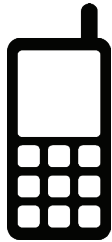
Contact the Yard Force Support Center toll-free at **(866) 902-9690 Monday-Friday between 8:30 AM and 5:00 PM Eastern Time** for service and warranty support.

Yard Force Service Support agents can help you troubleshoot problems over the phone to get you back up and running as quickly as possible. In the situation where service or warranty inspection is needed, please follow these steps:

1. Call Yard Force at **(866) 902-9690 Monday-Friday between 8:30 AM and 5:00 PM Eastern Time**.
2. Send in proof-of-purchase and serial number (if applicable) to confirm warranty Coverage as directed by Yard Force.
3. If service or a warranty evaluation is requested, Yard Force will provide an RGA number that should be used in all communications with Yard Force and is required to be indicated on the product itself and on the outside of the box.
4. All shipments to Yard Force must have an RGA number. Any shipment received that does not have an RGA number clearly marked on the outside of the box will be refused.
5. All shipments must be sent pre-paid, Yard Force does not pay for any shipping costs for service or warranty evaluation. Yard Force is not responsible for any packages that are lost by carrier. We recommend that shipments are made by a carrier that provides tracking and delivery confirmation.

For more information or to ask questions, please call toll-free **(866) 902-9690 Monday-Friday between 8:30 AM and 5:00 PM Eastern Time**.

SAVE THESE INSTRUCTIONS



1-866-902-9690



support@merotecusa.com

Need Help?

Please do not return the product to the place of purchase yet.
We're here to help and take care of all your needs.

Contact our Customer Care Center in Atlanta, GA for help with:

- Product assembly or use
- Missing or damaged parts
- Troubleshooting

You can also visit our website to download
owner's manuals and get additional product information.
Visit www.YardForceUSA.com, or call our
toll free hotline: 1-866-902-9690 M-F 8:30am – 5:00pm ET